

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
 Data File : VX001053.D
 Acq On : 23 Apr 2018 12:55
 Operator : JC/MD
 Sample : VX0423MBS01
 Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Quant Time: Apr 24 07:00:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198577	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134622	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	5.51	113	109366	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.72	98	393536	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.14	95	162150	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	57539	20.99	ug/l	98
3) Chloromethane	1.32	50	49289	19.31	ug/l	98
4) Vinyl Chloride	1.40	62	51169	19.34	ug/l	99
5) Bromomethane	1.65	94	35514	21.07	ug/l	98
6) Chloroethane	1.73	64	31160	19.82	ug/l	100
7) Trichlorofluoromethane	1.93	101	77890	19.60	ug/l	98
8) Diethyl Ether	2.19	74	28867	19.66	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45307	19.45	ug/l	98
10) Methyl Iodide	2.52	142	30479	18.85	ug/l	99
11) Tert butyl alcohol	3.07	59	46406	109.82	ug/l	98
12) 1,1-Dichloroethene	2.38	96	42684	19.82	ug/l	98
13) Acrolein	2.30	56	18675	146.58	ug/l	100
14) Allyl chloride	2.73	41	76724	19.69	ug/l	100
15) Acrylonitrile	3.15	53	114602	100.21	ug/l	99
16) Acetone	2.45	43	114669	108.68	ug/l	99
17) Carbon Disulfide	2.57	76	110458	18.00	ug/l	98
18) Methyl Acetate	2.78	43	72238	22.63	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	147387	20.36	ug/l	100
20) Methylene Chloride	2.86	84	47002	20.22	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	45496	18.98	ug/l	98
22) Diisopropyl ether	3.88	45	151880	20.13	ug/l	99
23) Vinyl Acetate	3.83	43	625639	100.16	ug/l	98
24) 1,1-Dichloroethane	3.70	63	83311	19.69	ug/l	99
25) 2-Butanone	4.71	43	171627	104.20	ug/l	98
26) 2,2-Dichloropropane	4.59	77	72091	19.80	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	53150	19.90	ug/l	97
28) Bromochloromethane	5.03	49	34304	21.08	ug/l	96
29) Tetrahydrofuran	5.17	42	106269	102.10	ug/l	99
30) Chloroform	5.23	83	87141	19.88	ug/l	99
31) Cyclohexane	5.58	56	74840	18.95	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	77735	19.78	ug/l	98
36) 1,1-Dichloropropene	5.81	75	65848	18.73	ug/l	99
37) Ethyl Acetate	4.87	43	64446	19.98	ug/l	99
38) Carbon Tetrachloride	5.79	117	68754	19.31	ug/l	98

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Apr 24 07:00:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	75047	18.34	ug/l	98
40) Benzene	6.15	78	188471	19.28	ug/l	99
41) Methacrylonitrile	5.07	41	39068	19.40	ug/l	99
42) 1,2-Dichloroethane	6.20	62	74640	19.89	ug/l	99
43) Isopropyl Acetate	6.47	43	110323	19.94	ug/l	99
44) Trichloroethene	7.22	130	58421	19.56	ug/l	99
45) 1,2-Dichloropropane	7.52	63	49110	19.98	ug/l	99
46) Dibromomethane	7.67	93	33643	19.59	ug/l	99
47) Bromodichloromethane	7.91	83	63132	19.84	ug/l	99
48) Methyl methacrylate	7.79	41	57732	19.38	ug/l	97
49) 1,4-Dioxane	7.76	88	18639	425.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	345603	102.86	ug/l	98
52) Toluene	8.79	92	124152	19.46	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	75556	19.86	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	72027	20.07	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	50035	19.73	ug/l	99
56) Ethyl methacrylate	9.19	69	74157	19.91	ug/l	98
57) 1,3-Dichloropropane	9.38	76	82630	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	182665	100.48	ug/l	99
59) 2-Hexanone	9.51	43	264909	103.01	ug/l	99
60) Dibromochloromethane	9.59	129	52435	19.69	ug/l	99
61) 1,2-Dibromoethane	9.68	107	52898	19.77	ug/l	100
64) Tetrachloroethene	9.34	164	58434	19.19	ug/l	98
65) Chlorobenzene	10.15	112	146431	19.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52662	20.10	ug/l	99
67) Ethyl Benzene	10.26	91	242441	19.12	ug/l	99
68) m/p-Xylenes	10.37	106	190946	38.21	ug/l	98
69) o-Xylene	10.71	106	92851	19.27	ug/l	99
70) Styrene	10.72	104	154022	19.41	ug/l	99
71) Bromoform	10.87	173	41349	18.75	ug/l	# 100
73) Isopropylbenzene	11.02	105	250667	19.31	ug/l	99
74) N-amyl acetate	6.47	43	110323	19.87	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73641	20.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84074	24.40	ug/l	87
77) Bromobenzene	11.26	156	72423	19.22	ug/l	99
78) n-propylbenzene	11.37	91	287594	19.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	168073	19.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	212545	19.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18255	18.45	ug/l	92
82) 4-Chlorotoluene	11.52	91	204339	19.20	ug/l	99
83) tert-Butylbenzene	11.77	119	211407	19.04	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	221419	19.55	ug/l	100
85) sec-Butylbenzene	11.95	105	253982	19.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	233686	19.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	135628	19.23	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136730	18.88	ug/l	99
89) n-Butylbenzene	12.40	91	207061	18.98	ug/l	99
90) Hexachloroethane	12.60	117	32879	18.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	131026	19.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16036	20.83	ug/l	94

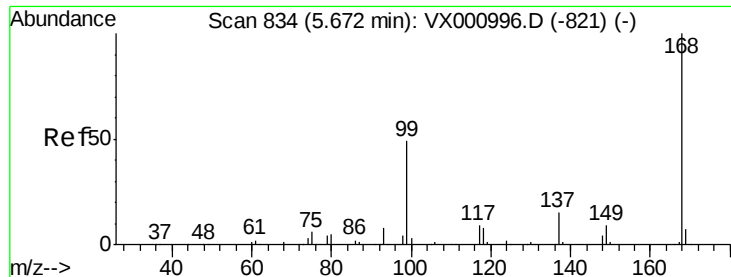
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108706	18.96	ug/l	99
94) Hexachlorobutadiene	13.79	225	45542	17.56	ug/l	99
95) Naphthalene	13.84	128	276768	19.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104619	18.87	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

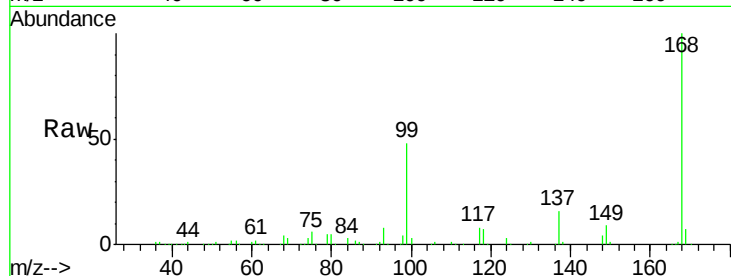
VX0423MBS01

Tgt Ion:168 Resp: 221042

Ion Ratio Lower Upper

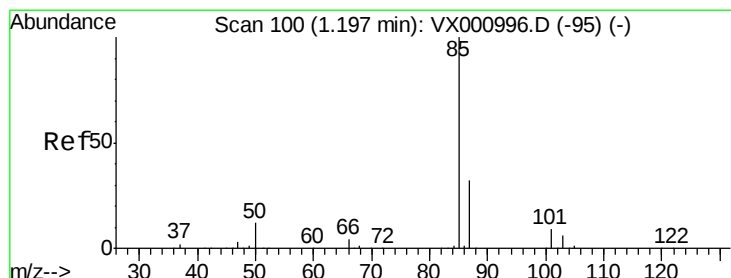
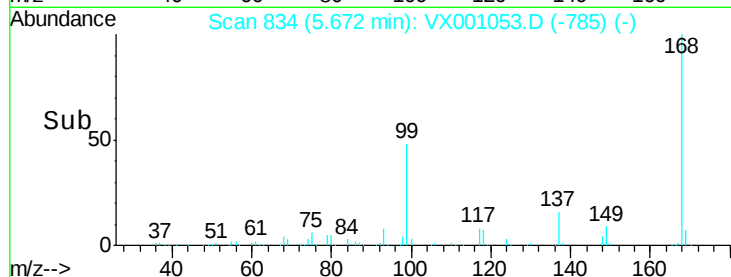
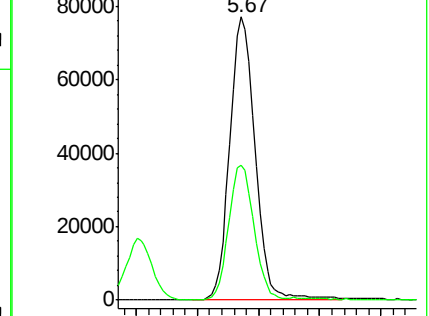
168 100

99 47.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.99 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001053.D

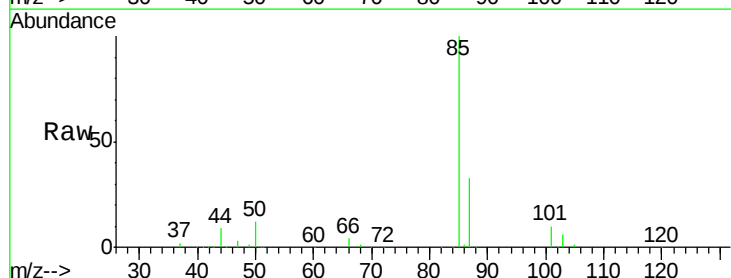
Acq: 23 Apr 2018 12:55

Tgt Ion: 85 Resp: 57539

Ion Ratio Lower Upper

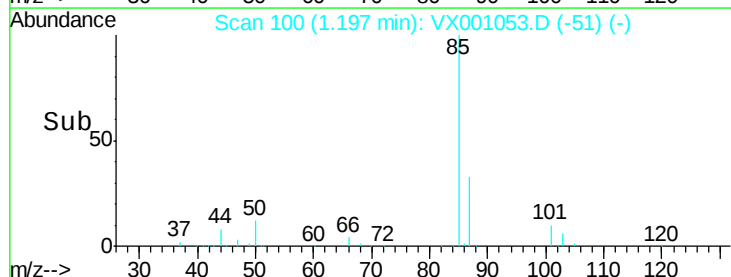
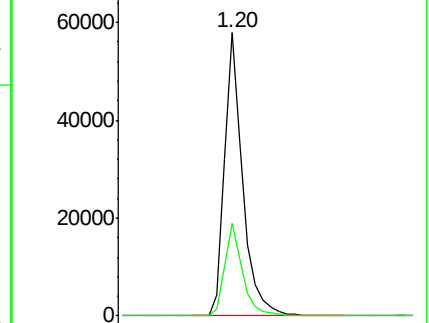
85 100

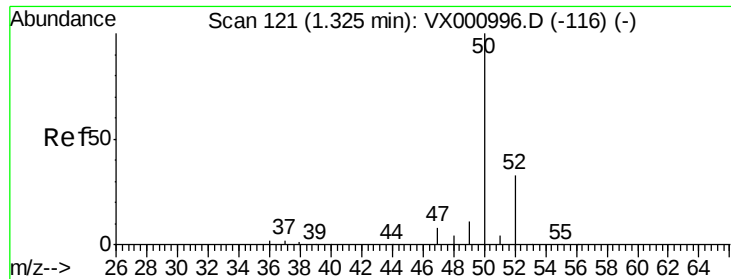
87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

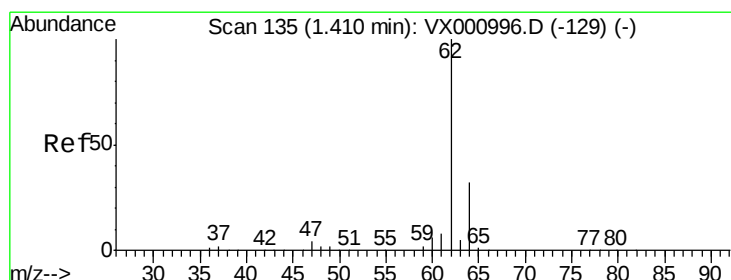
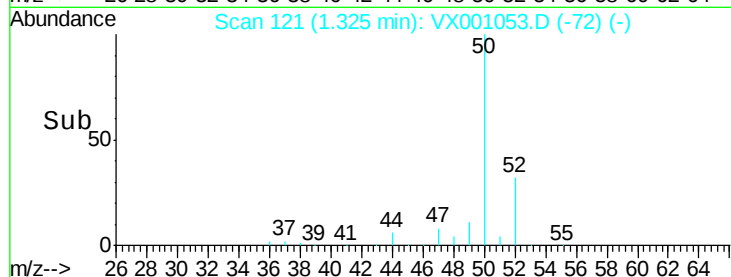
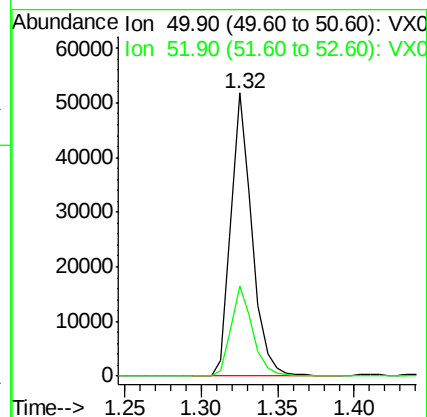
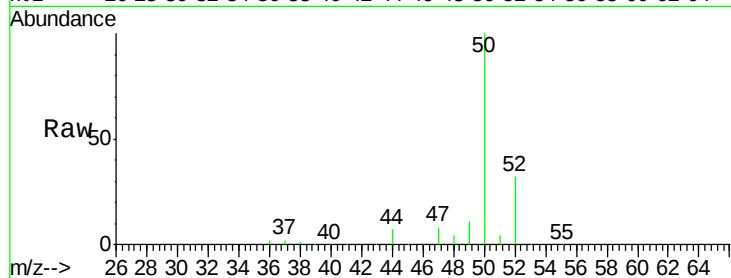
VX0423MBS01

Tgt Ion: 50 Resp: 49289

Ion Ratio Lower Upper

50 100

52 32.0 26.3 39.5



#4

Vinyl Chloride

Concen: 19.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001053.D

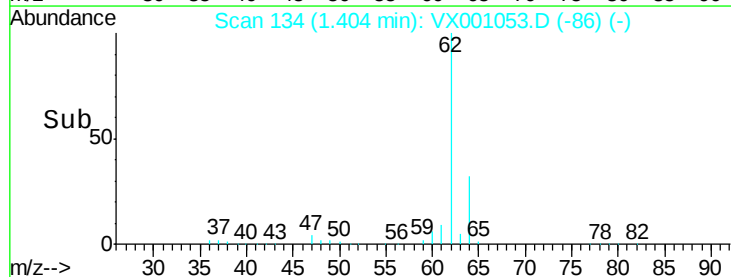
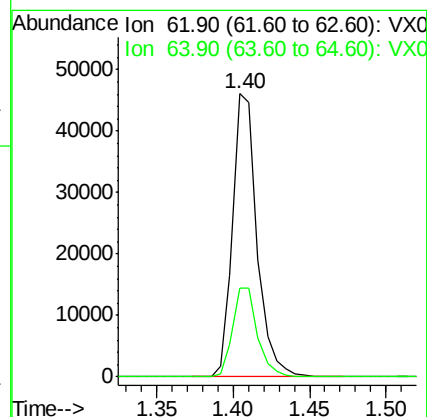
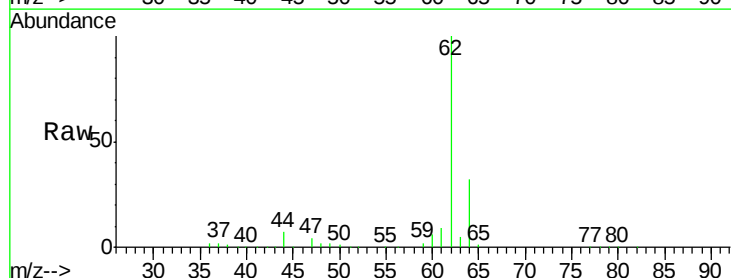
Acq: 23 Apr 2018 12:55

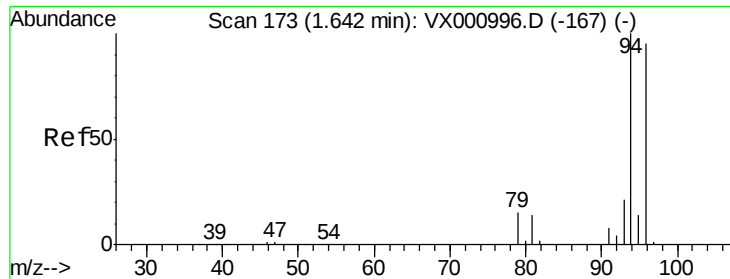
Tgt Ion: 62 Resp: 51169

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4

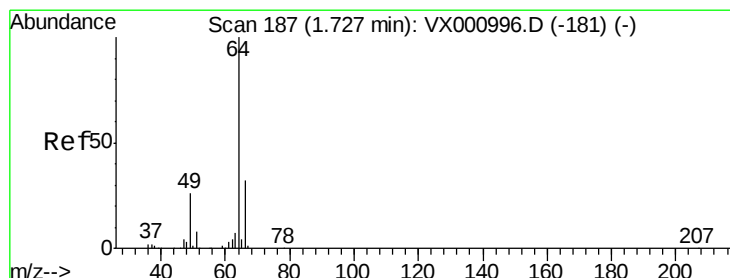
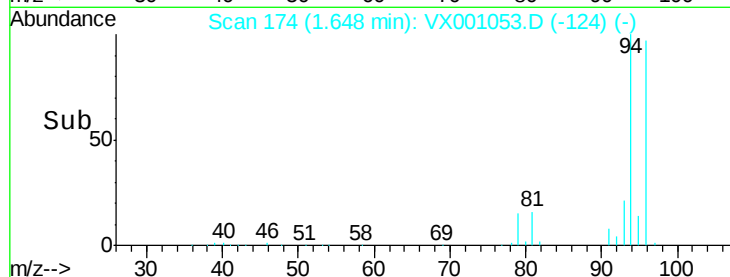
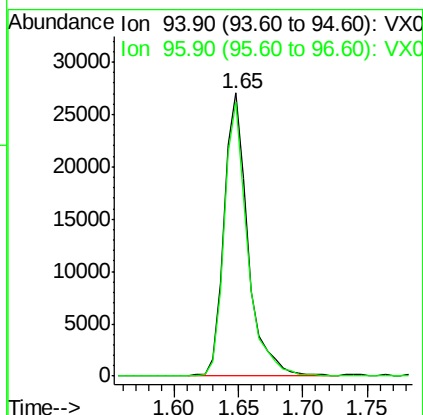
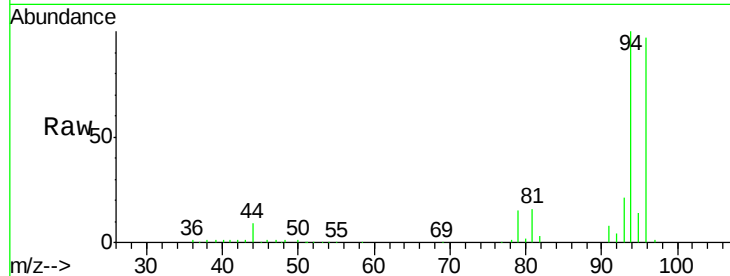




#5
 Bromomethane
 Concen: 21.07 ug/l
 RT: 1.65 min Scan# 174
 Delta R.T. 0.01 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

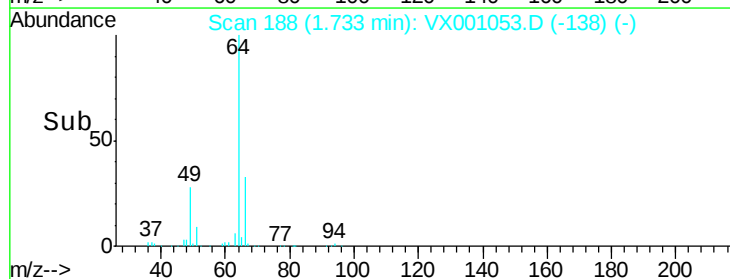
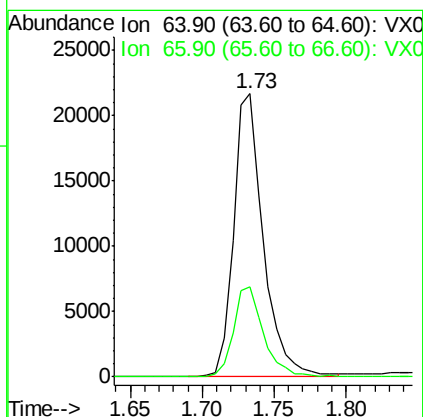
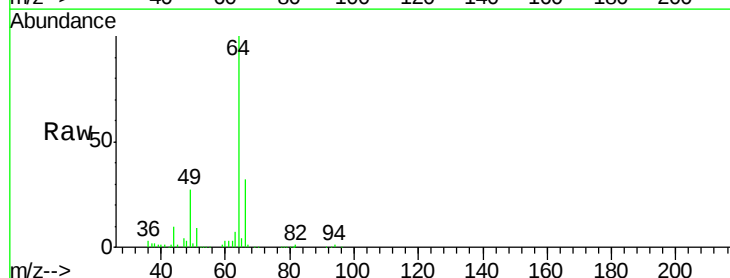
Instrument :
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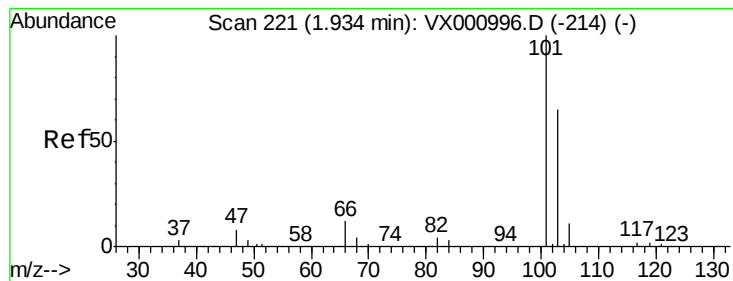
Tgt Ion: 94 Resp: 35514
 Ion Ratio Lower Upper
 94 100
 96 96.9 76.0 114.0



#6
 Chloroethane
 Concen: 19.82 ug/l
 RT: 1.73 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion: 64 Resp: 31160
 Ion Ratio Lower Upper
 64 100
 66 31.8 25.3 37.9





#7

Trichlorofluoromethane

Concen: 19.60 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

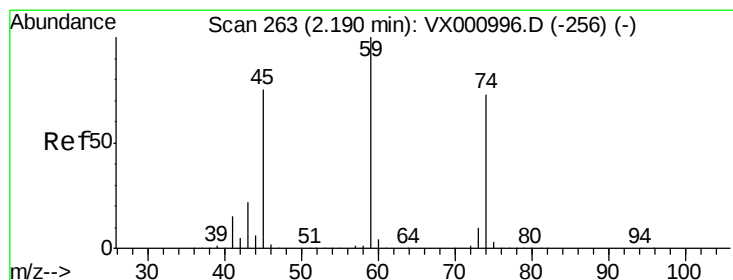
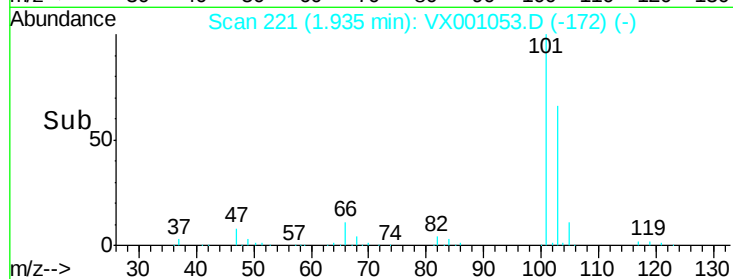
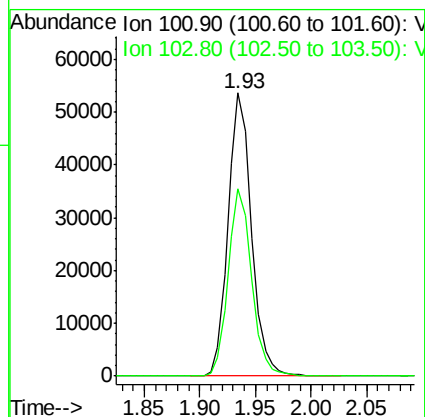
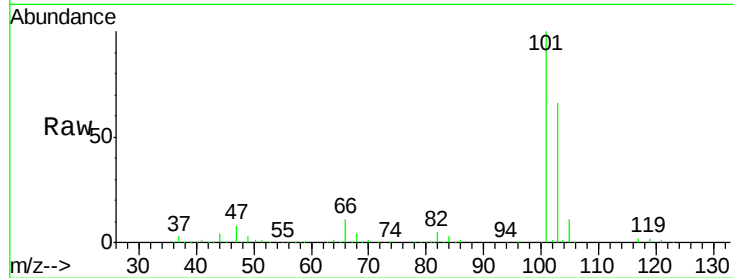
VX0423MBS01

Tgt Ion:101 Resp: 77890

Ion Ratio Lower Upper

101 100

103 66.3 51.8 77.8



#8

Diethyl Ether

Concen: 19.66 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001053.D

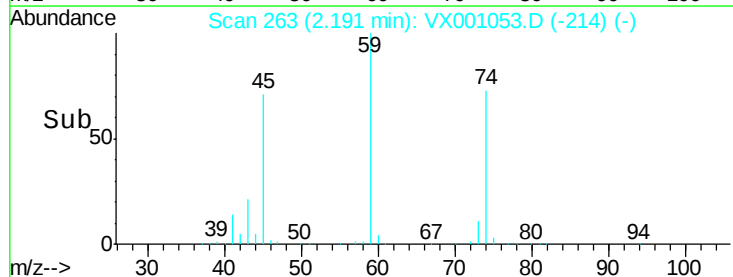
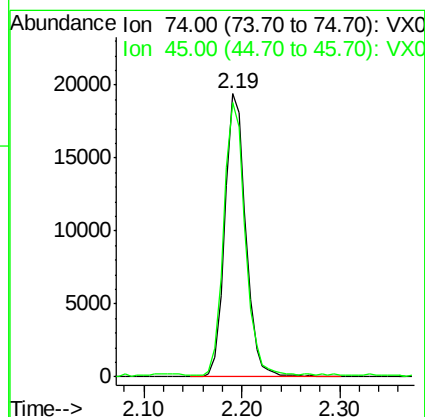
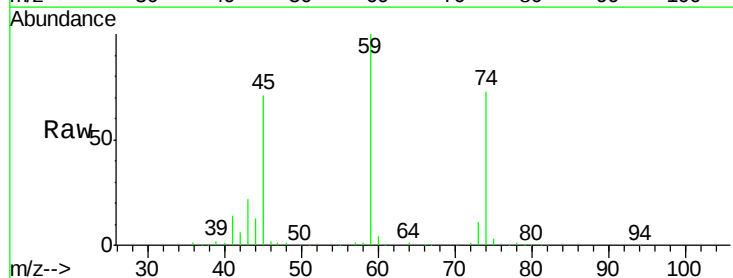
Acq: 23 Apr 2018 12:55

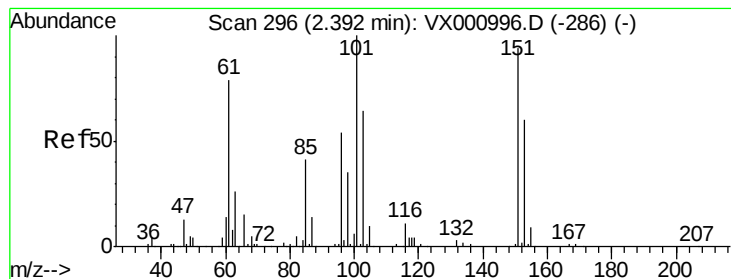
Tgt Ion: 74 Resp: 28867

Ion Ratio Lower Upper

74 100

45 98.6 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

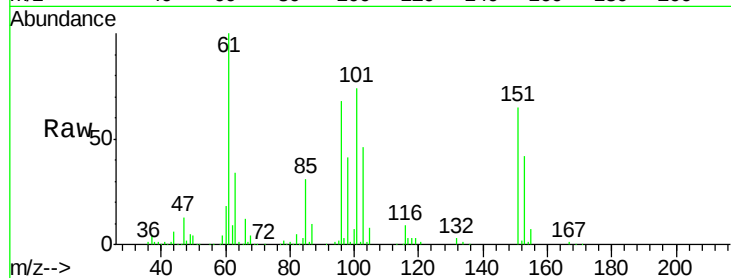
Tgt Ion:101 Resp: 45307

Ion Ratio Lower Upper

101 100

85 43.3 33.9 50.9

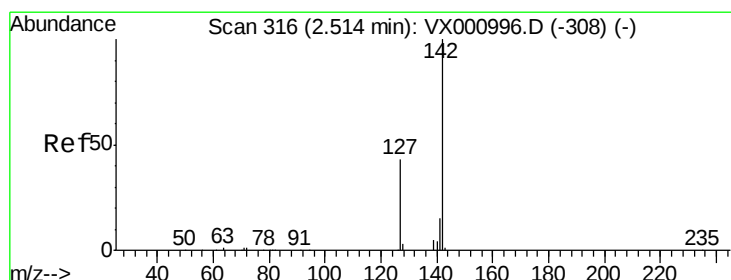
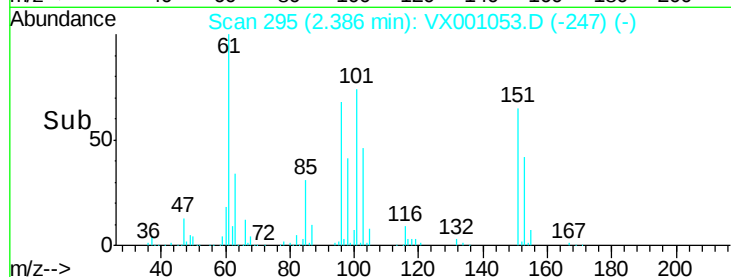
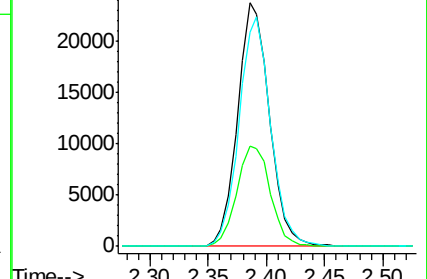
151 93.6 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.85 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

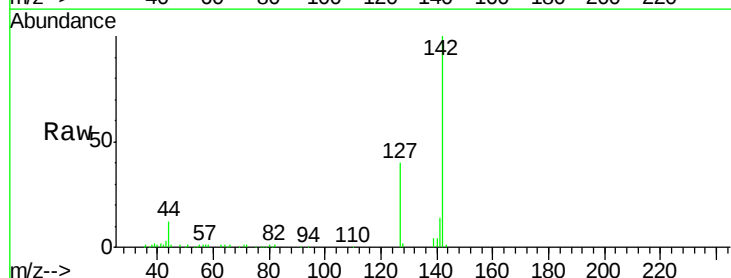
Tgt Ion:142 Resp: 30479

Ion Ratio Lower Upper

142 100

127 42.1 34.0 51.0

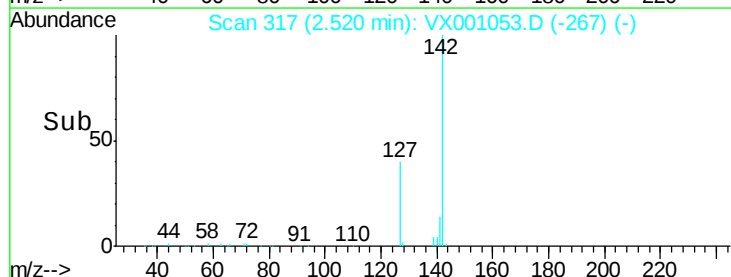
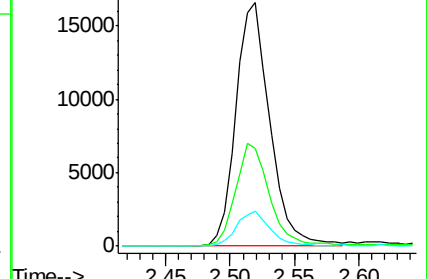
141 14.0 11.4 17.2

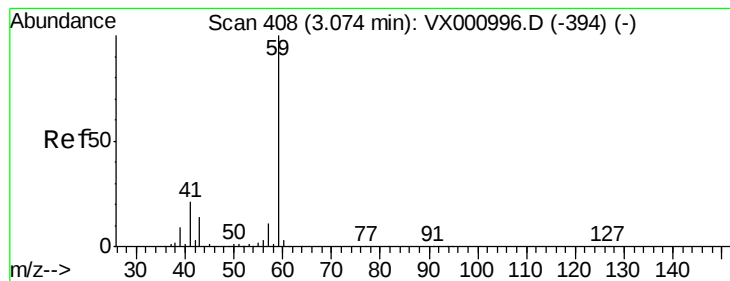


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



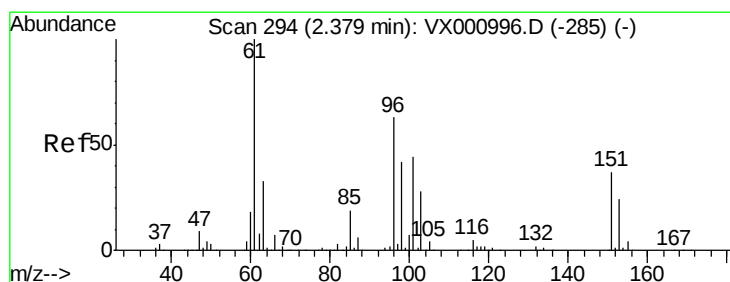
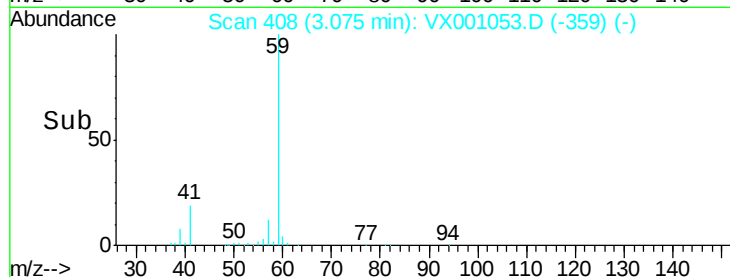
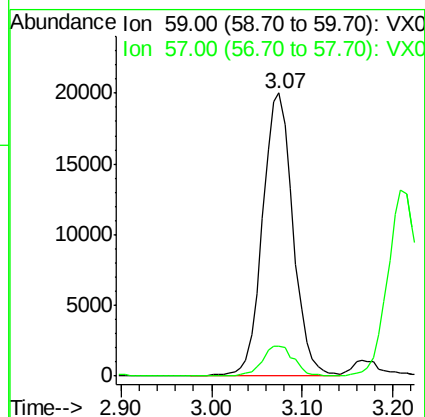
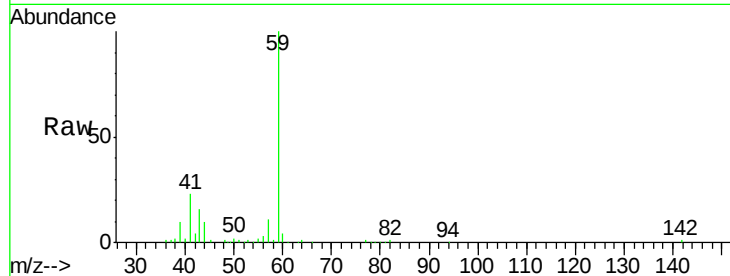


#11

Tert butyl alcohol
Concen: 109.82 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

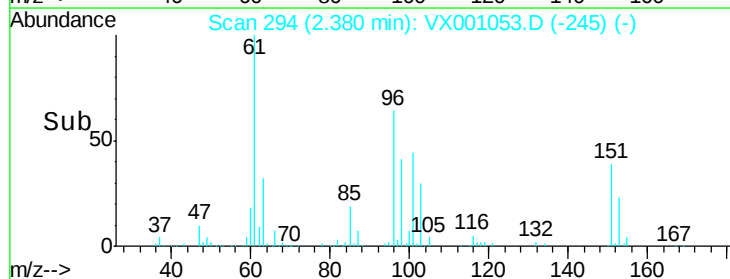
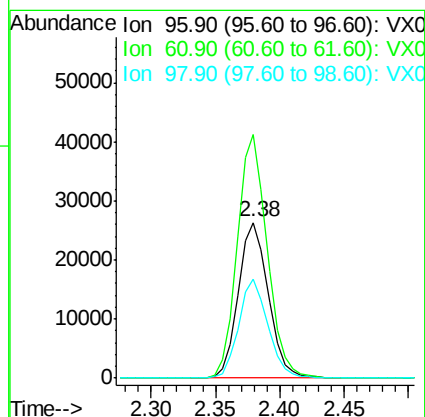
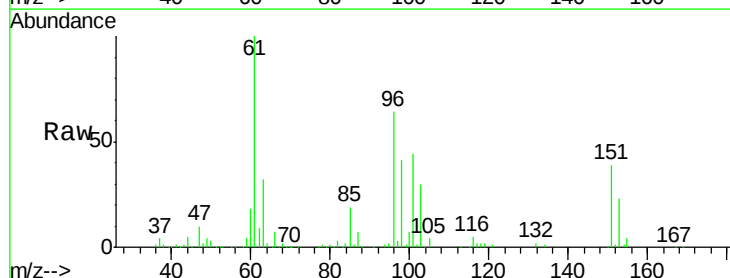
Tgt Ion: 59 Resp: 46406
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

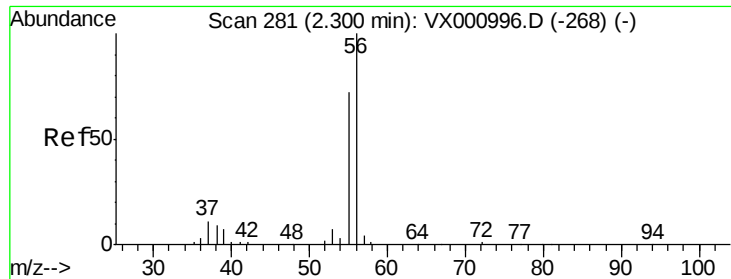


#12

1,1-Dichloroethene
Concen: 19.82 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 96 Resp: 42684
Ion Ratio Lower Upper
96 100
61 156.3 126.4 189.6
98 63.3 52.6 78.8





#13

Acrolein

Concen: 146.58 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampled :

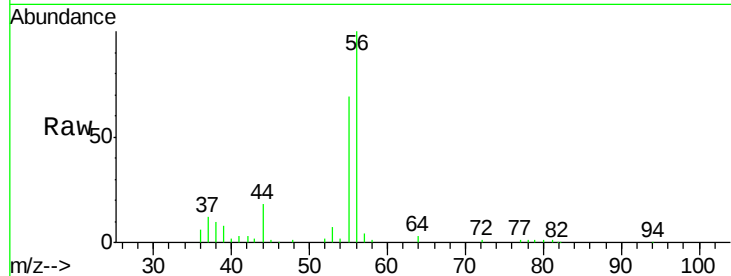
VX0423MBS01

Tgt Ion: 56 Resp: 18675

Ion Ratio Lower Upper

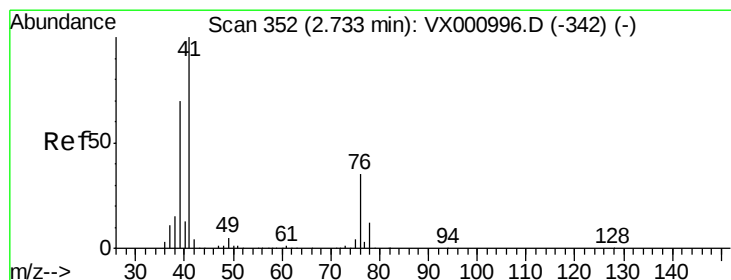
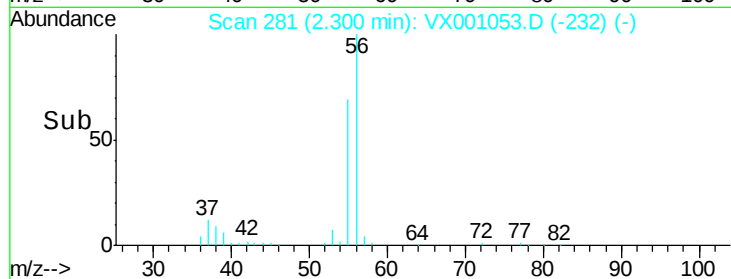
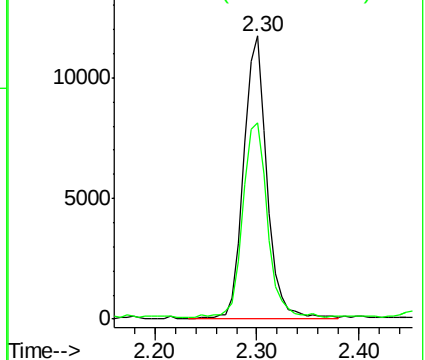
56 100

55 71.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.69 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

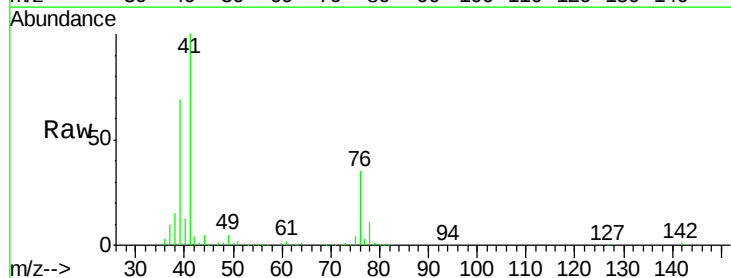
Tgt Ion: 41 Resp: 76724

Ion Ratio Lower Upper

41 100

39 66.6 53.0 79.6

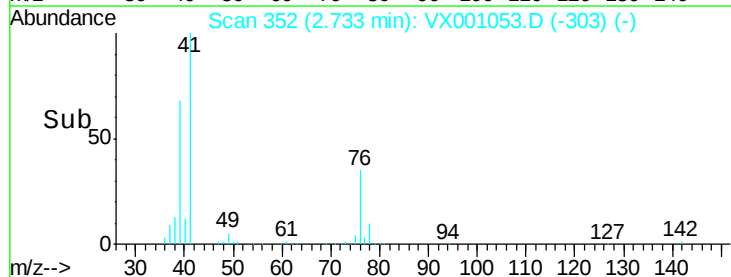
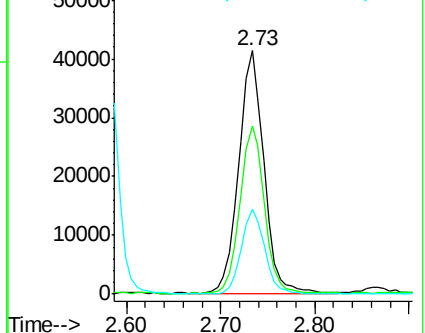
76 32.7 25.9 38.9

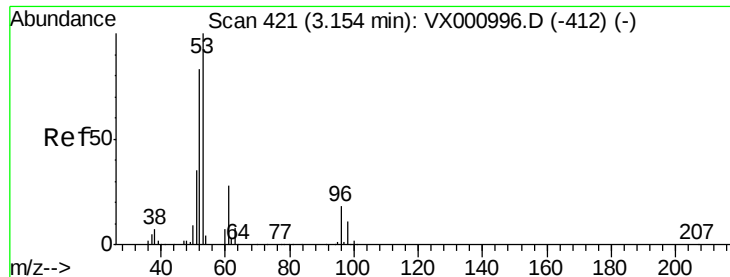


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.21 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

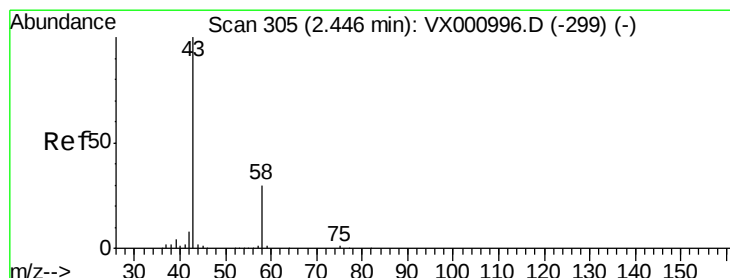
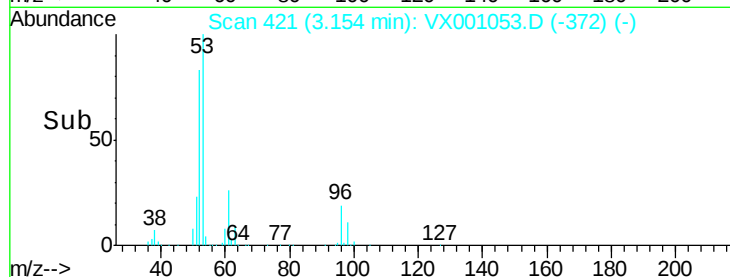
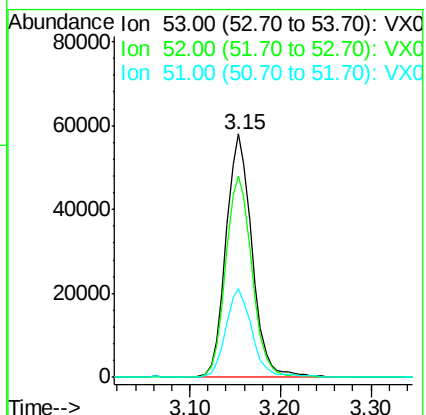
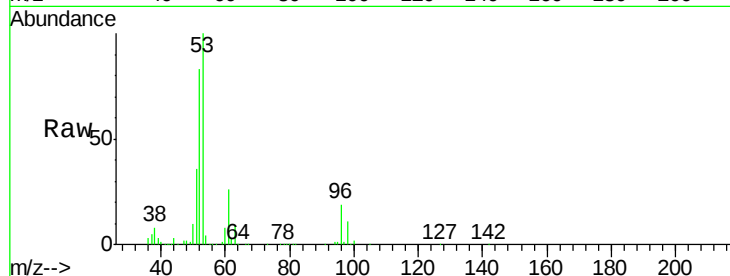
Tgt Ion: 53 Resp: 114602

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

51 37.1 29.0 43.6



#16

Acetone

Concen: 108.68 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001053.D

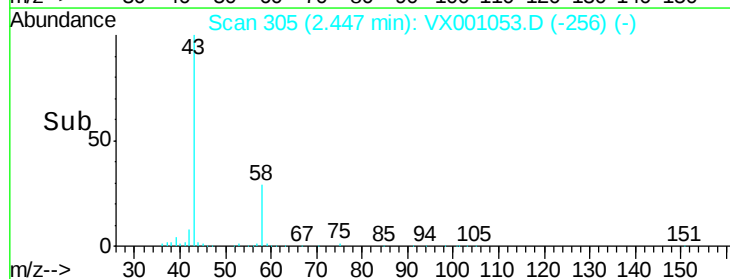
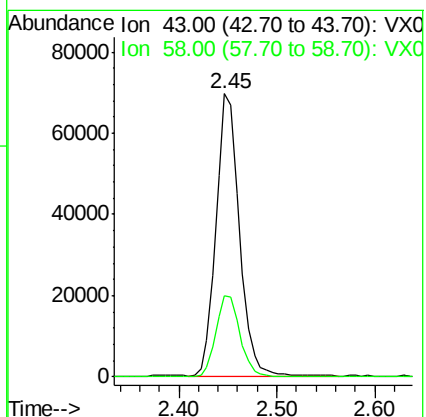
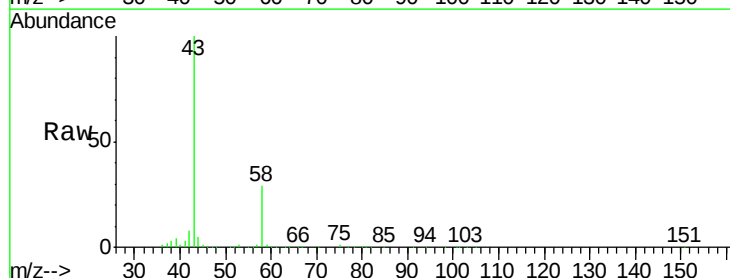
Acq: 23 Apr 2018 12:55

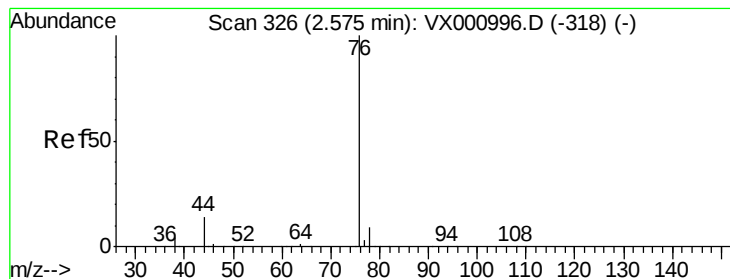
Tgt Ion: 43 Resp: 114669

Ion Ratio Lower Upper

43 100

58 29.0 23.7 35.5





#17

Carbon Disulfide

Concen: 18.00 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

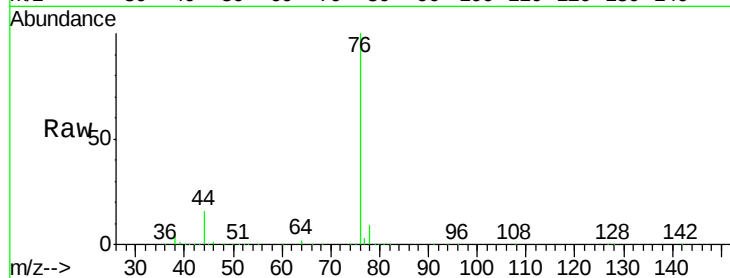
VX0423MBS01

Tgt Ion: 76 Resp: 110458

Ion Ratio Lower Upper

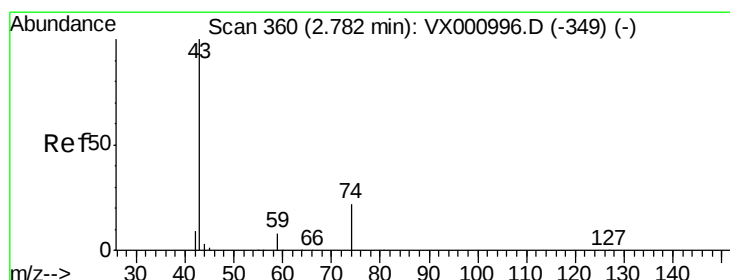
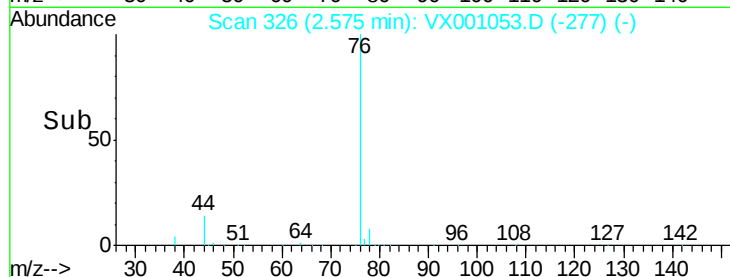
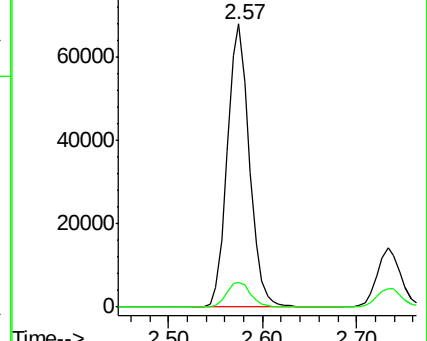
76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.63 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001053.D

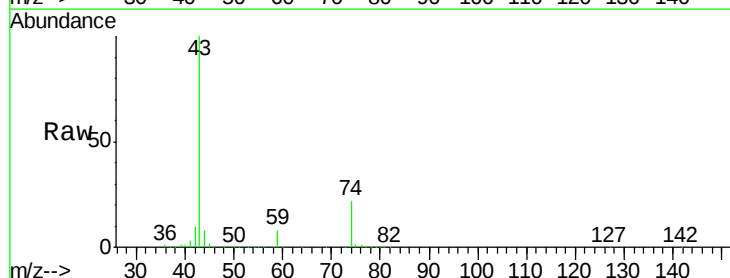
Acq: 23 Apr 2018 12:55

Tgt Ion: 43 Resp: 72238

Ion Ratio Lower Upper

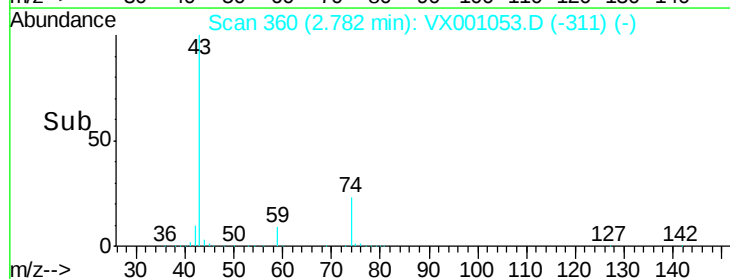
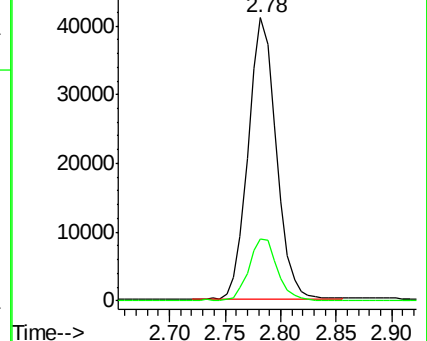
43 100

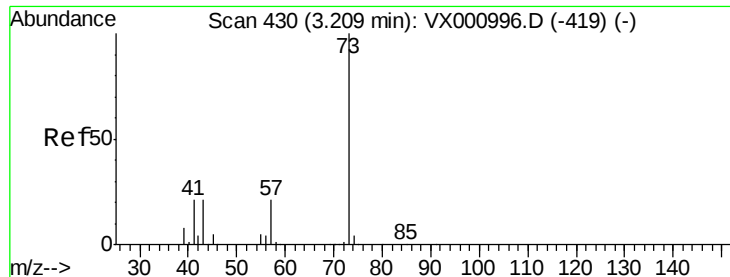
74 22.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 20.36 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

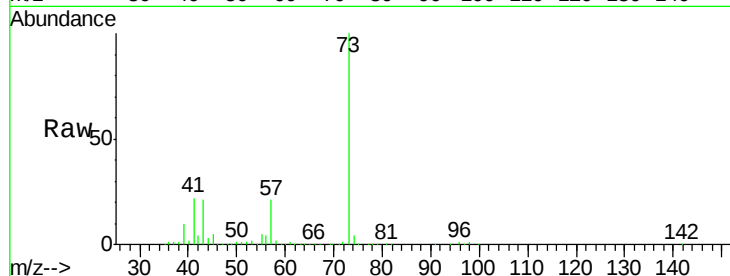
VX0423MBS01

Tgt Ion: 73 Resp: 147387

Ion Ratio Lower Upper

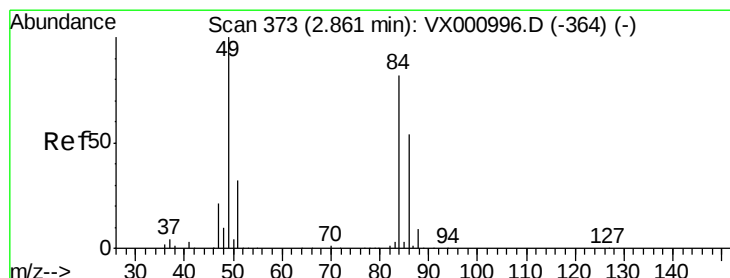
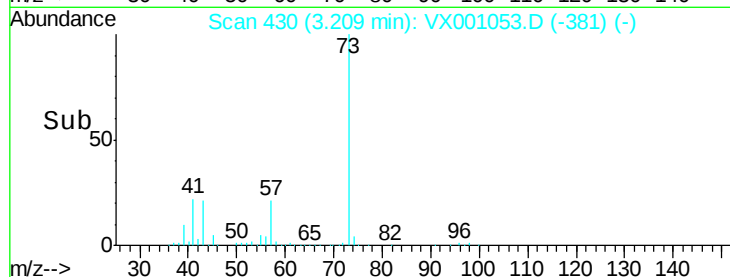
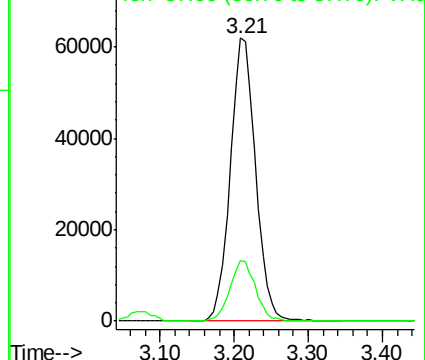
73 100

57 21.2 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 20.22 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion: 84 Resp: 47002

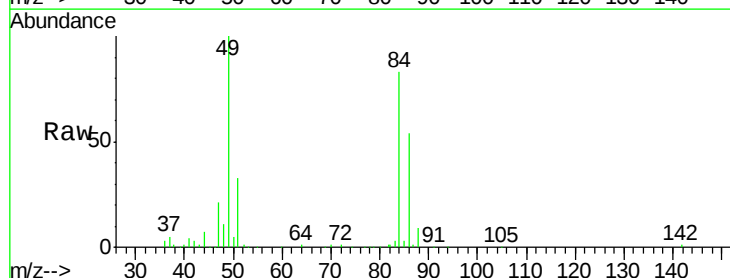
Ion Ratio Lower Upper

84 100

49 120.4 97.1 145.7

51 39.1 30.8 46.2

86 64.7 52.3 78.5

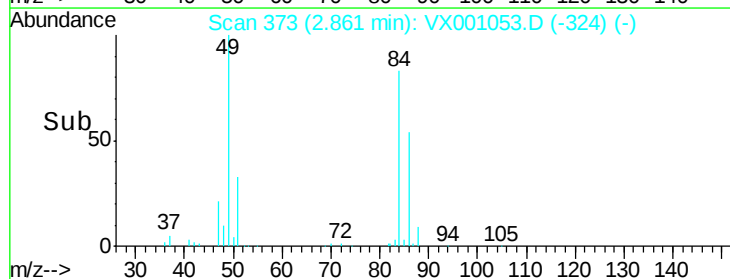
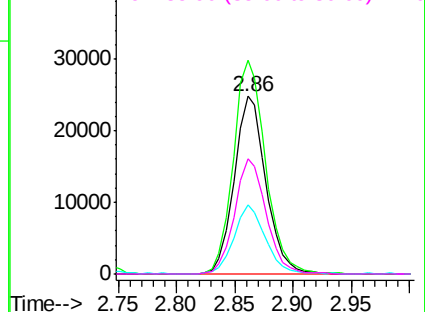


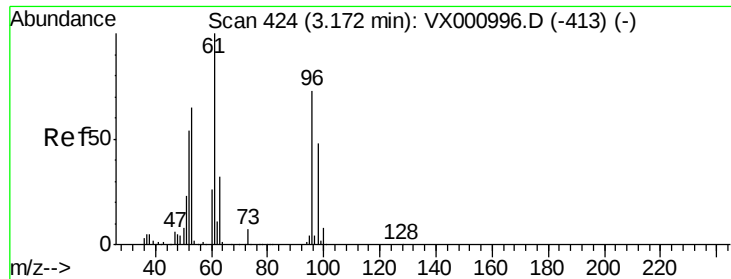
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 18.98 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

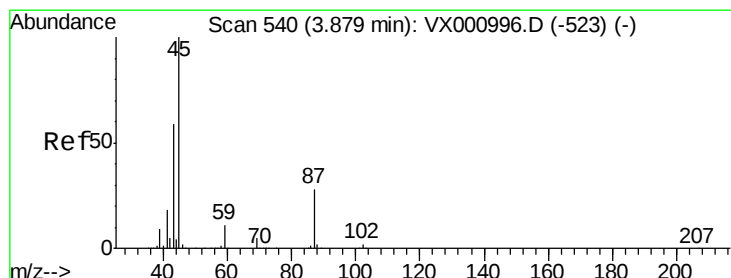
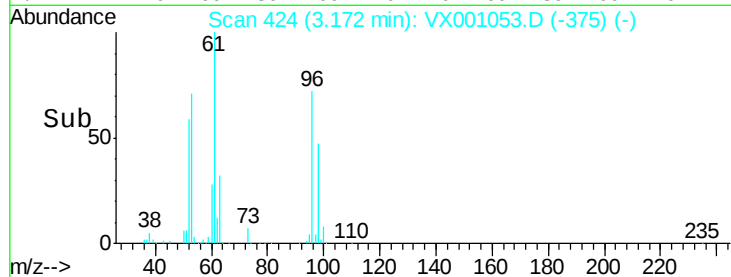
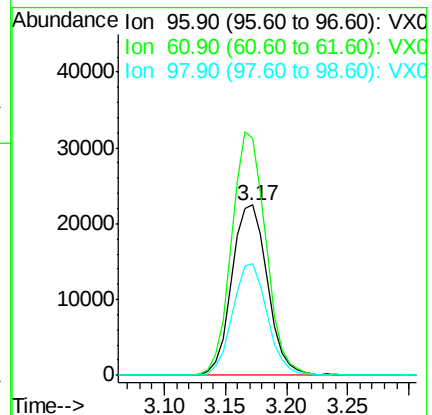
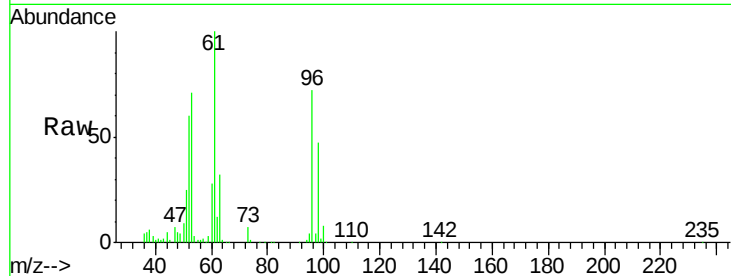
Tgt Ion: 96 Resp: 45496

Ion Ratio Lower Upper

96 100

61 139.6 109.4 164.2

98 65.9 52.6 78.8



#22

Diisopropyl ether

Concen: 20.13 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion: 45 Resp: 151880

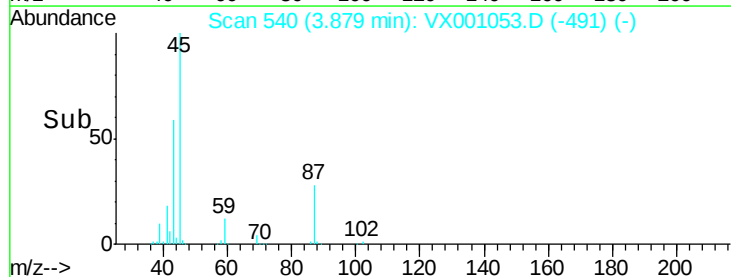
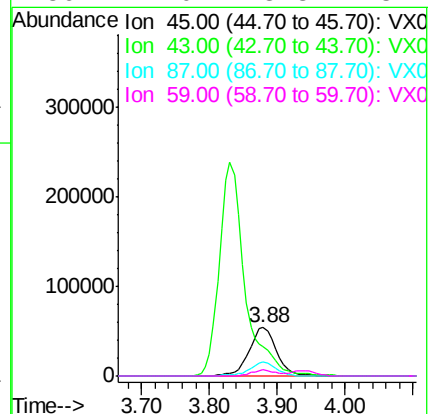
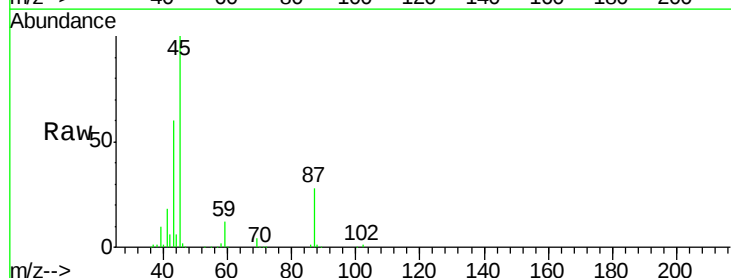
Ion Ratio Lower Upper

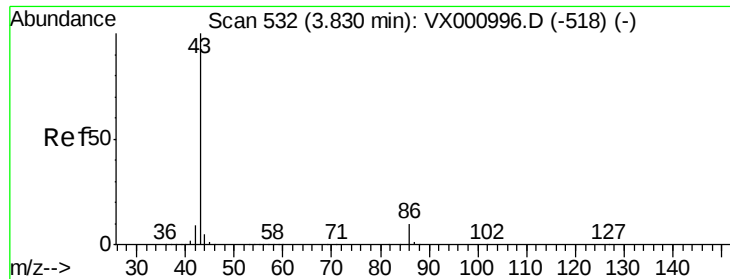
45 100

43 59.3 47.0 70.4

87 28.0 22.5 33.7

59 12.0 8.8 13.2





#23

Vinyl Acetate

Concen: 100.16 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

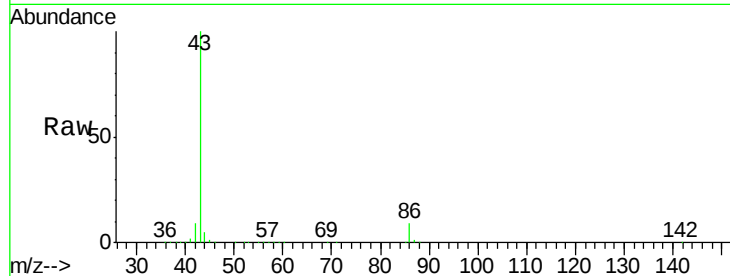
VX0423MBS01

Tgt Ion: 43 Resp: 625639

Ion Ratio Lower Upper

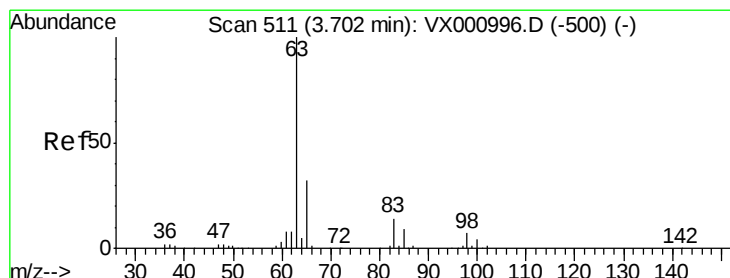
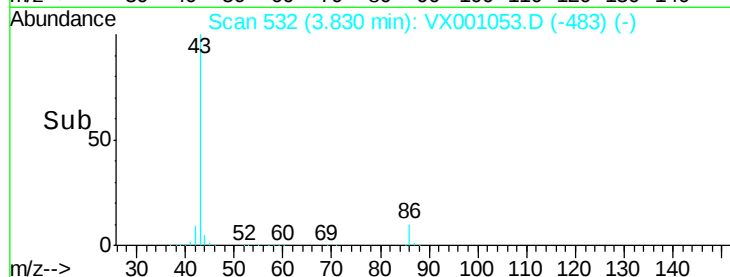
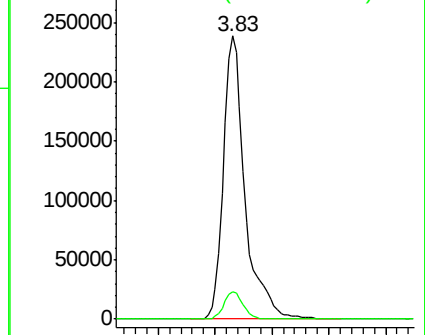
43 100

86 9.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.69 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

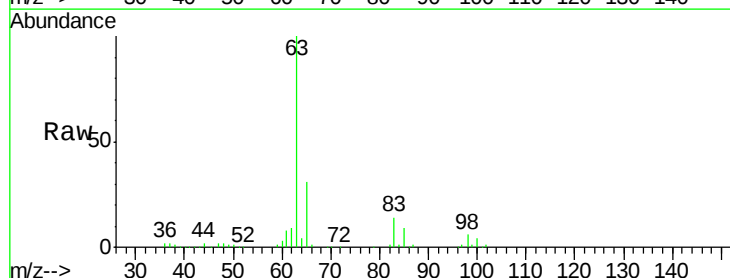
Tgt Ion: 63 Resp: 83311

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

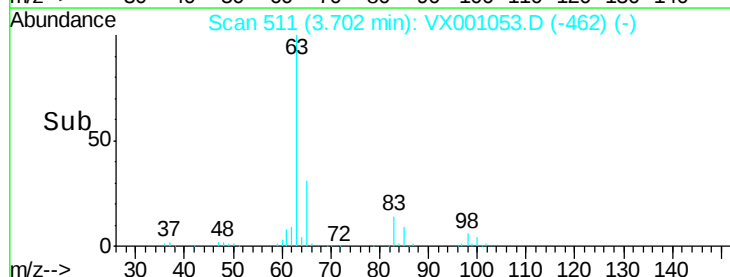
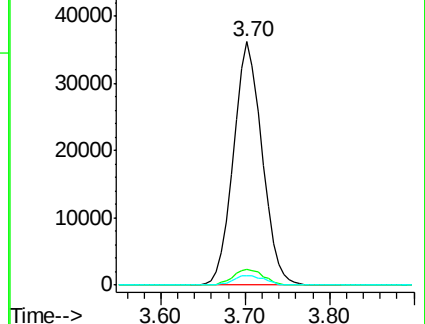
100 4.1 2.1 6.3

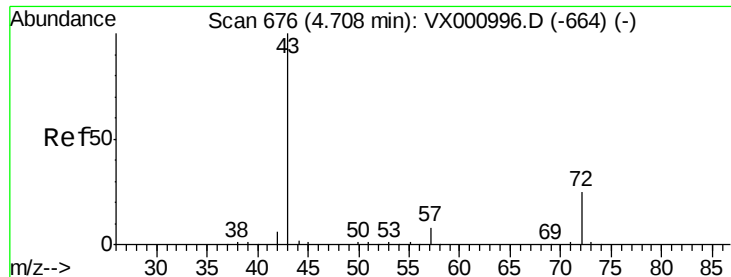


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.20 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

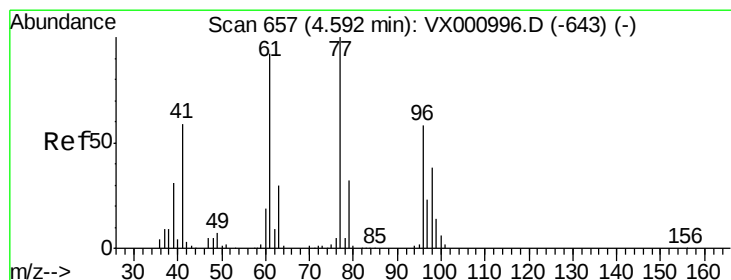
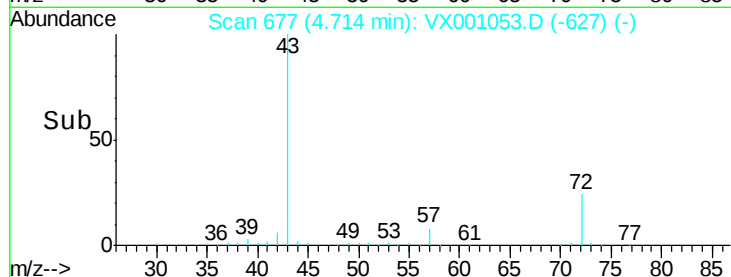
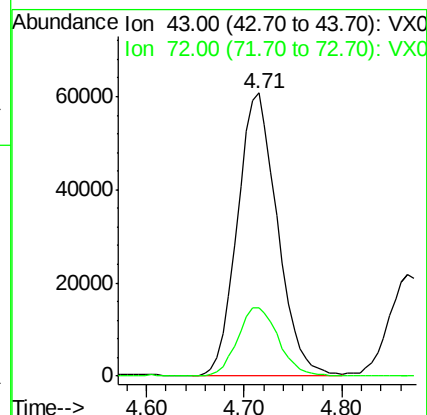
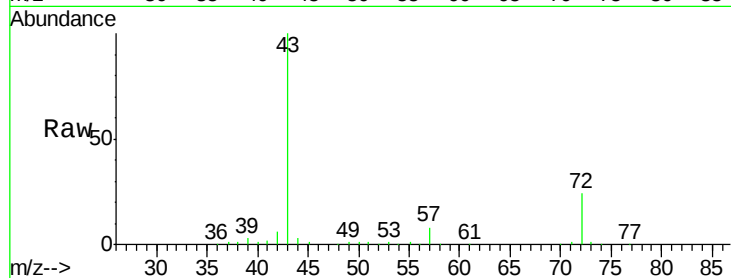
VX0423MBS01

Tgt Ion: 43 Resp: 171627

Ion Ratio Lower Upper

43 100

72 24.0 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.80 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001053.D

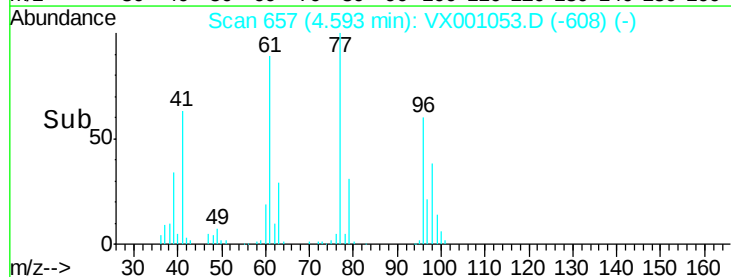
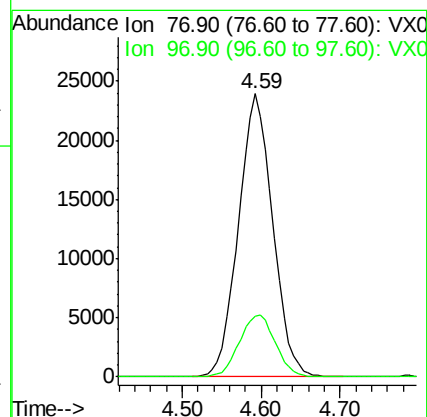
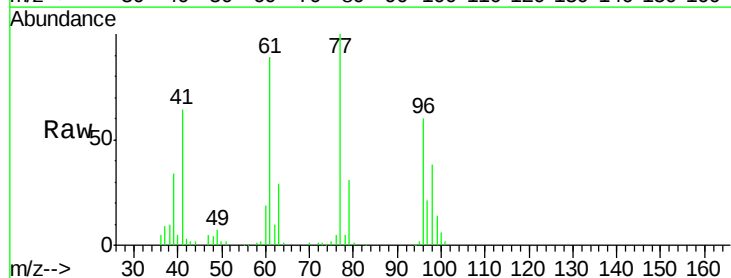
Acq: 23 Apr 2018 12:55

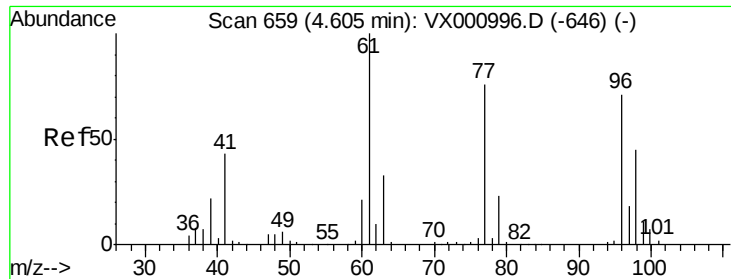
Tgt Ion: 77 Resp: 72091

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.90 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

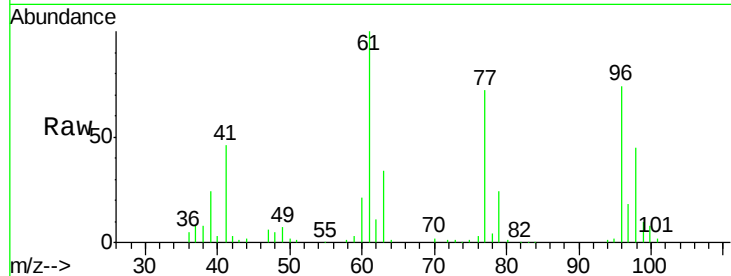
Tgt Ion: 96 Resp: 53150

Ion Ratio Lower Upper

96 100

61 144.2 0.0 297.0

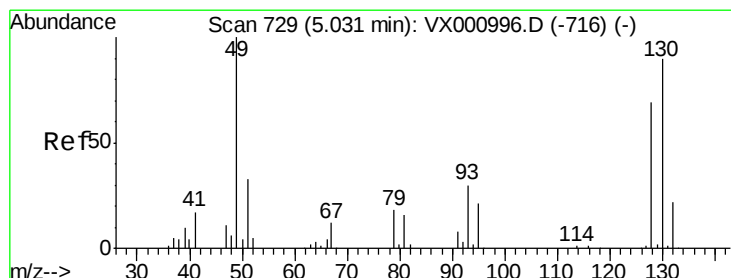
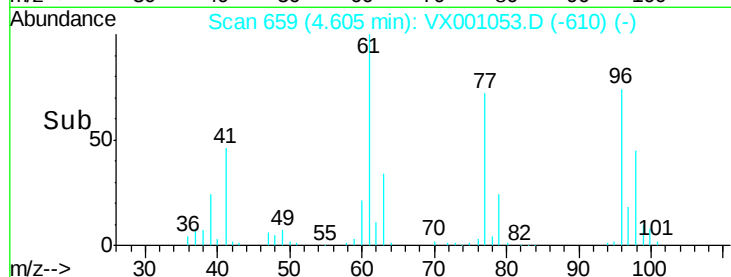
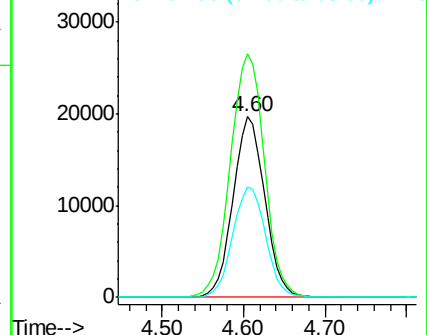
98 63.3 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 21.08 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

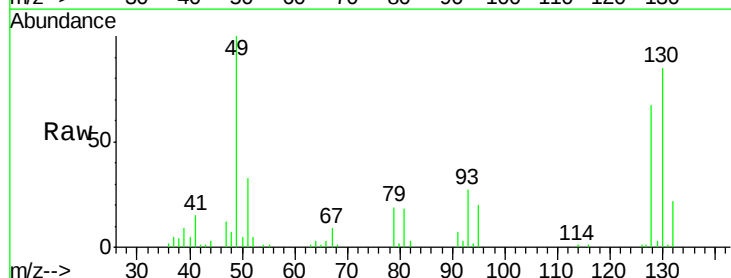
Tgt Ion: 49 Resp: 34304

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

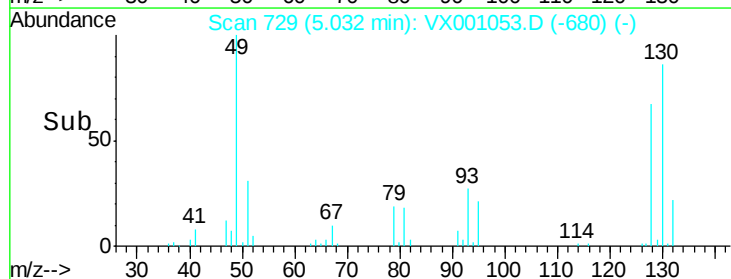
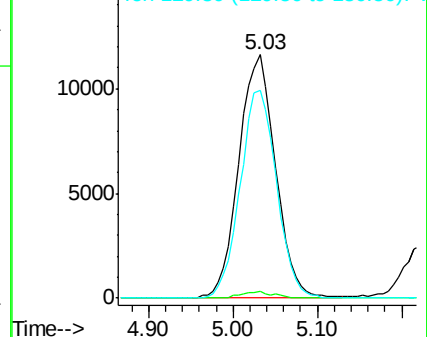
130 84.3 70.6 105.8

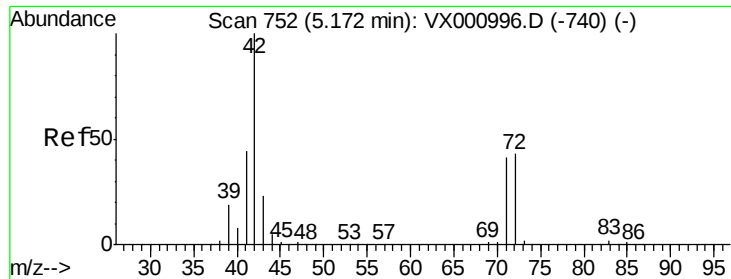


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

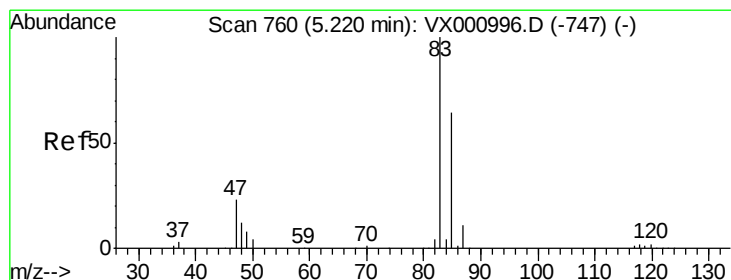
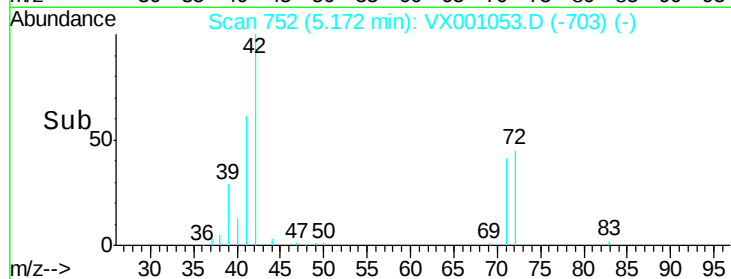
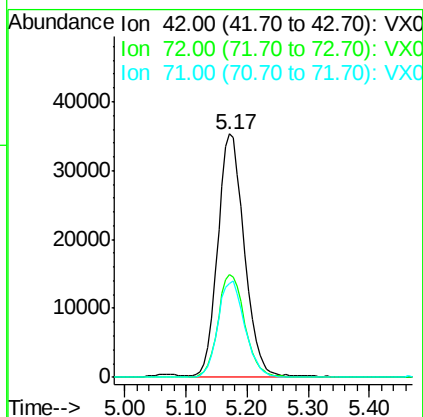
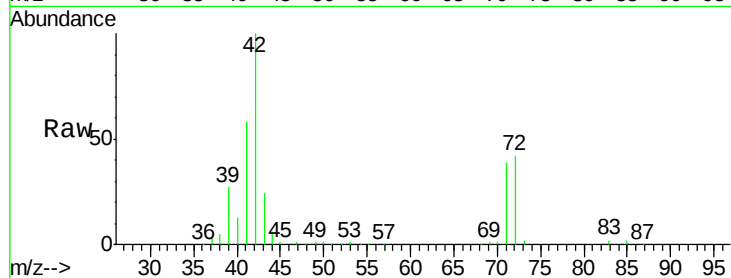




#29
Tetrahydrofuran
Concen: 102.10 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

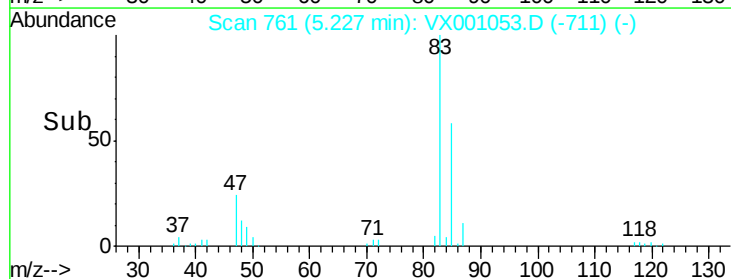
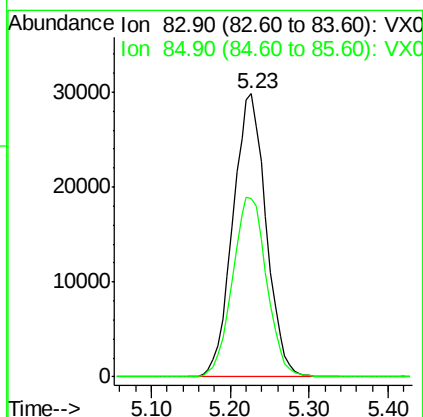
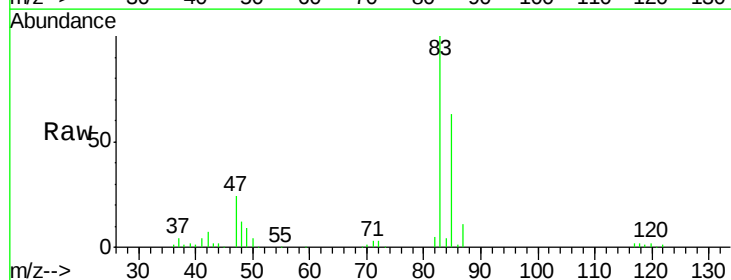
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

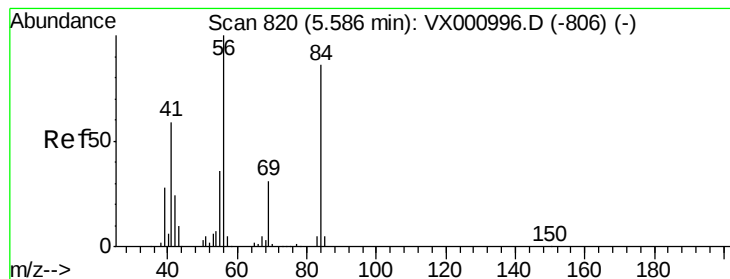
Tgt Ion: 42 Resp: 106269
Ion Ratio Lower Upper
42 100
72 43.0 34.6 52.0
71 40.4 32.6 49.0



#30
Chloroform
Concen: 19.88 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 83 Resp: 87141
Ion Ratio Lower Upper
83 100
85 63.0 51.3 76.9





#31

Cyclohexane

Concen: 18.95 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

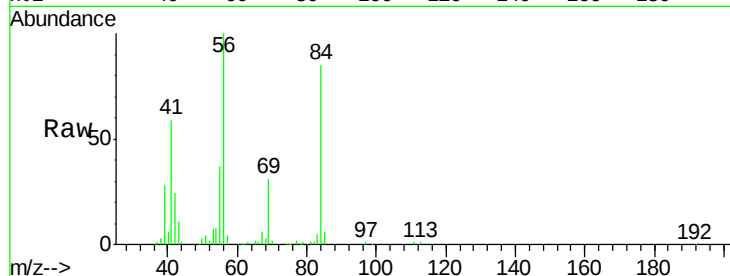
Tgt Ion: 56 Resp: 74840

Ion Ratio Lower Upper

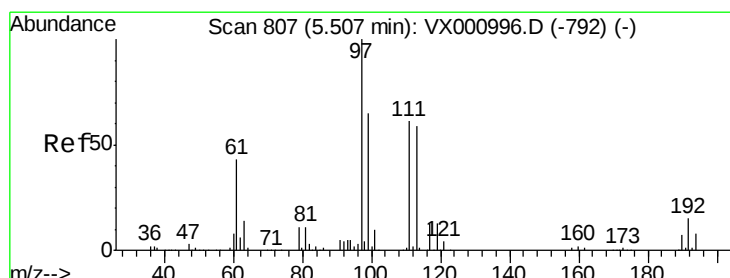
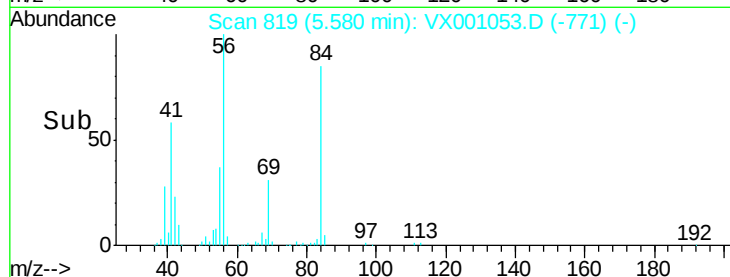
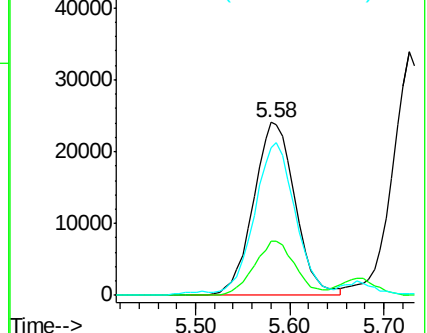
56 100

69 31.0 24.6 36.8

84 84.0 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.78 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

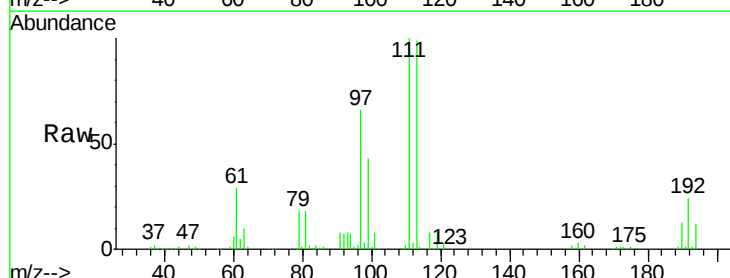
Tgt Ion: 97 Resp: 77735

Ion Ratio Lower Upper

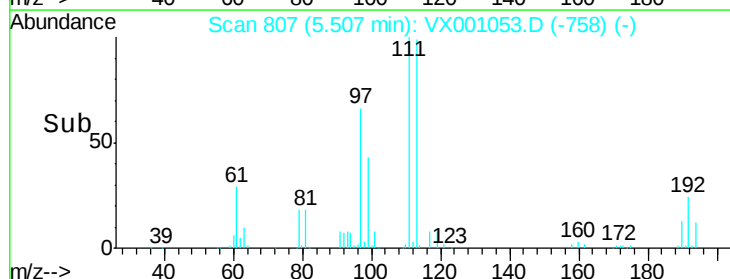
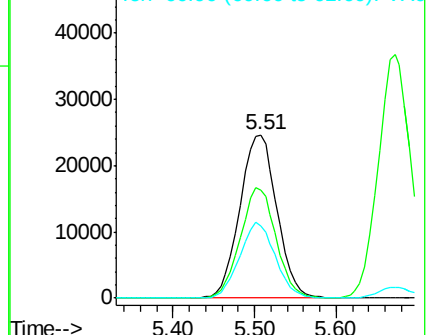
97 100

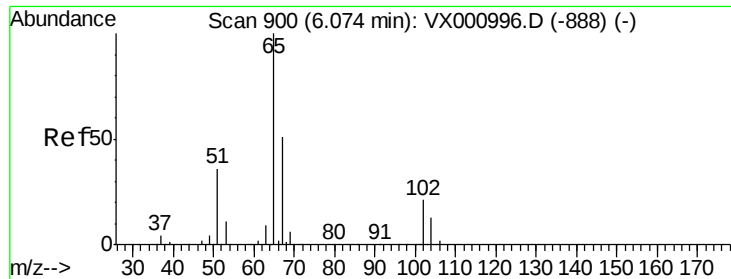
99 65.0 51.1 76.7

61 44.6 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.04 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

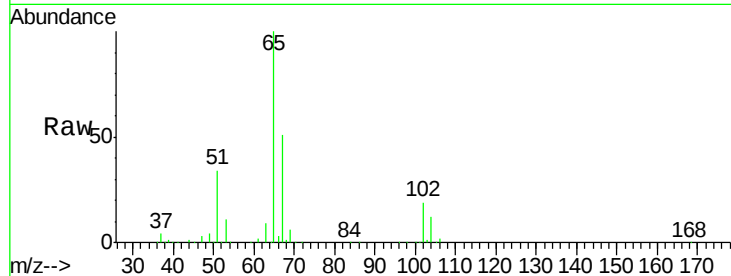
VX0423MBS01

Tgt Ion: 65 Resp: 134622

Ion Ratio Lower Upper

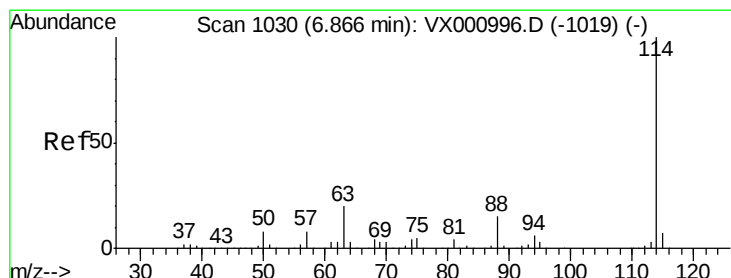
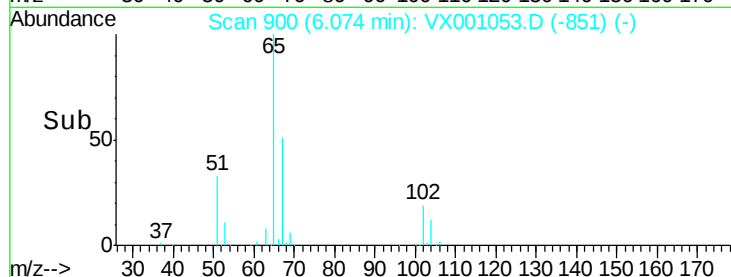
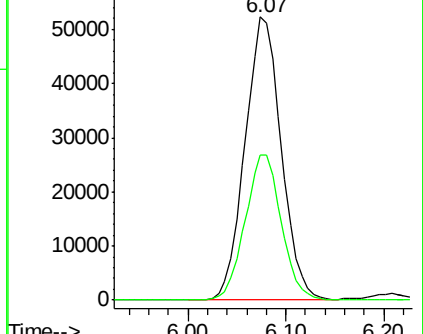
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

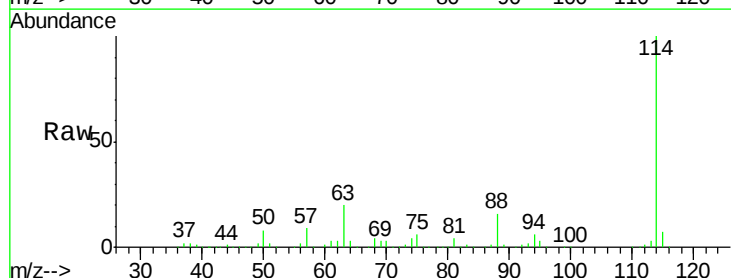
Tgt Ion: 114 Resp: 299216

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

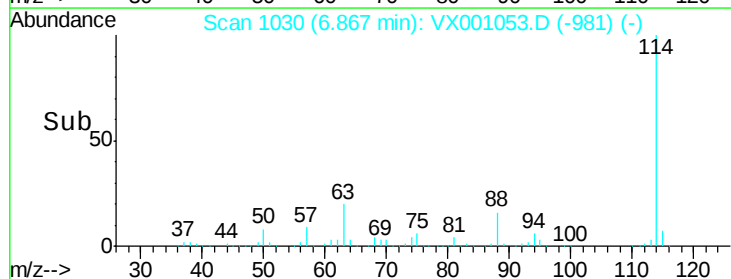
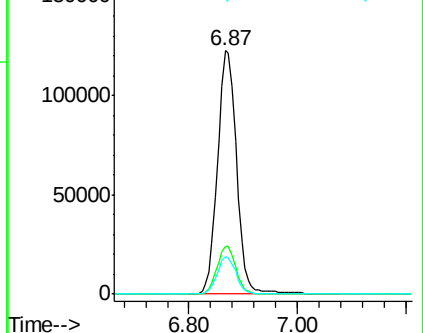
88 15.7 0.0 29.8

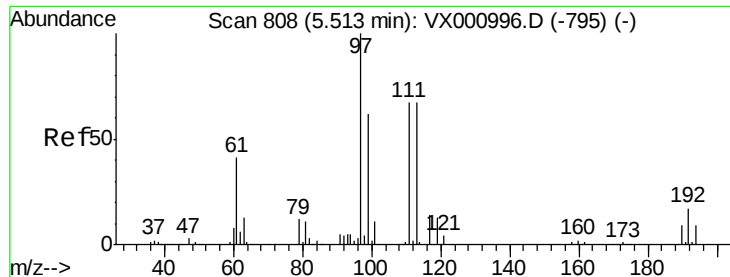


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

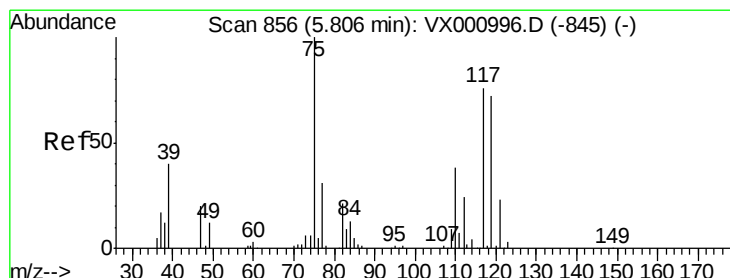
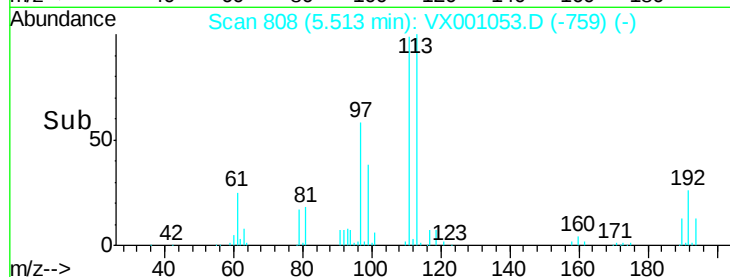
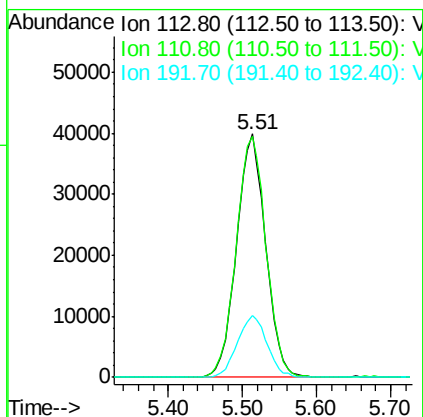
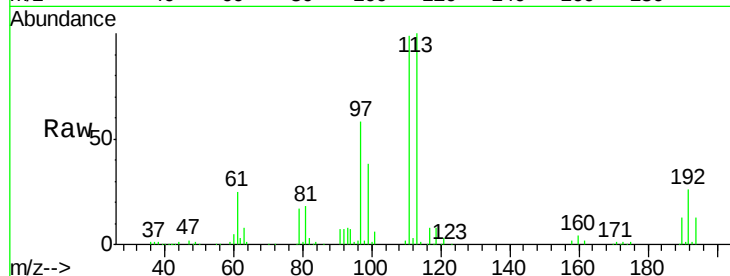




#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

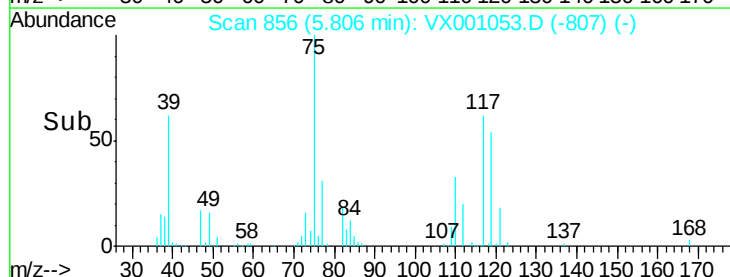
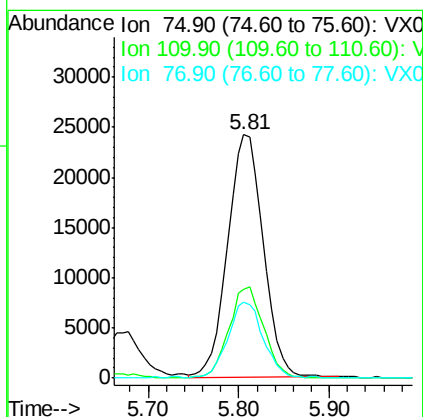
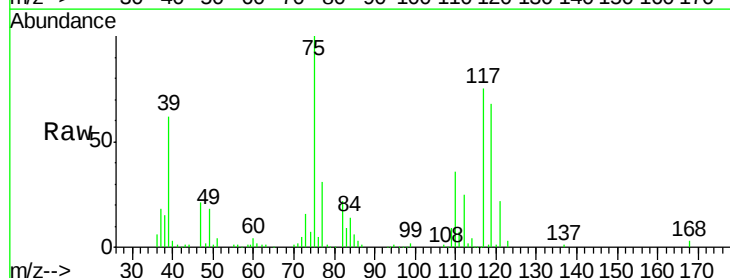
Instrument :
 MSVOA_X
 ClientSampled :
 VX0423MBS01

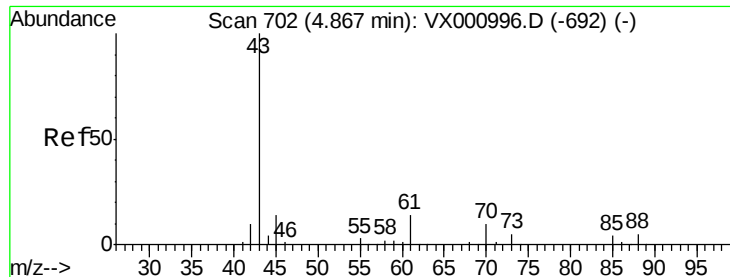
Tgt Ion:113 Resp: 109366
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.2
 192 25.8 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 18.73 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion: 75 Resp: 65848
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.7 56.1
 77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 19.98 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

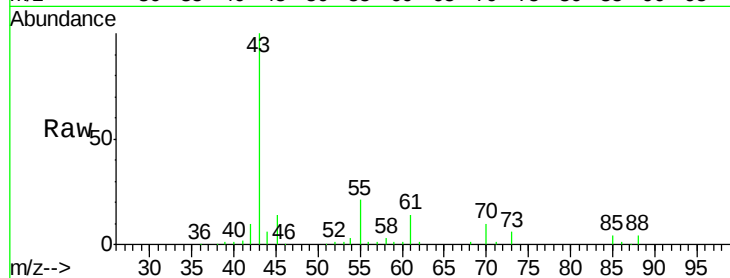
Tgt Ion: 43 Resp: 64446

Ion Ratio Lower Upper

43 100

61 13.9 10.7 16.1

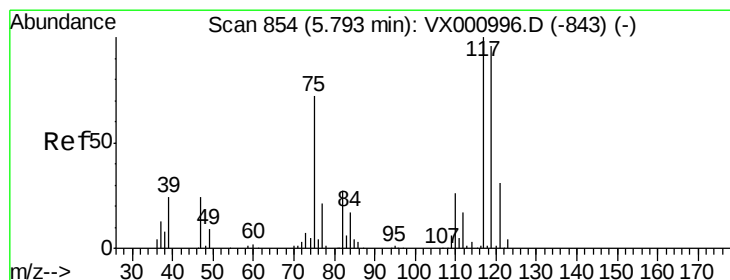
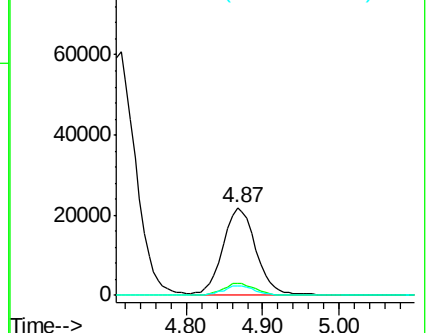
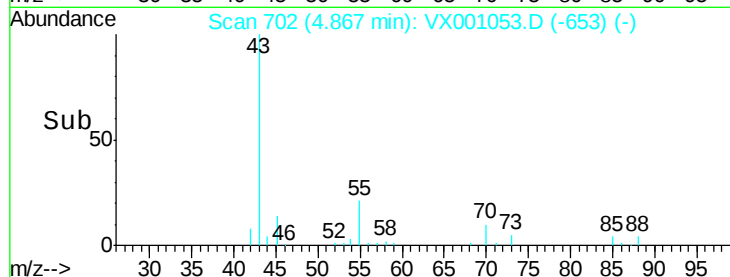
70 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.31 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

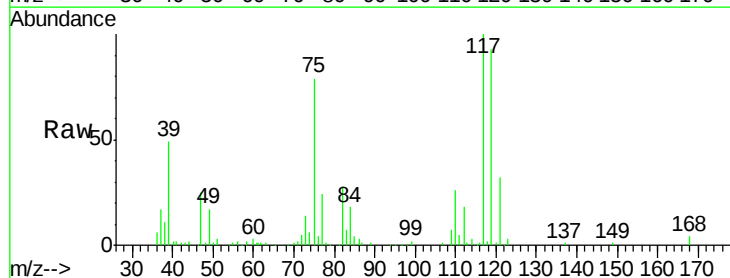
Tgt Ion: 117 Resp: 68754

Ion Ratio Lower Upper

117 100

119 93.5 76.5 114.7

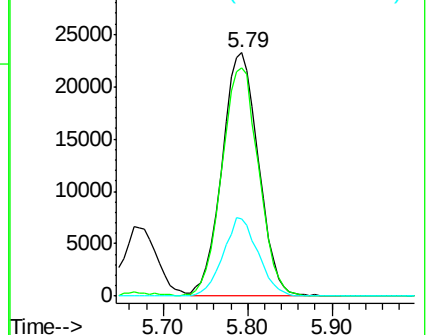
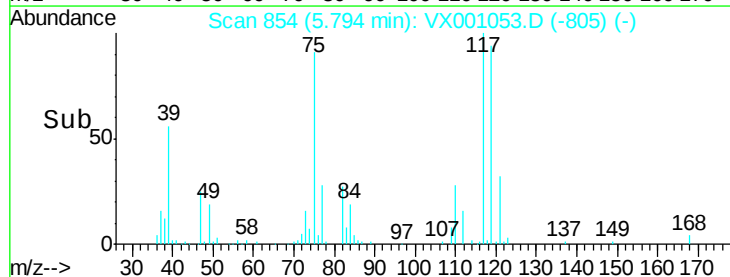
121 31.6 24.5 36.7

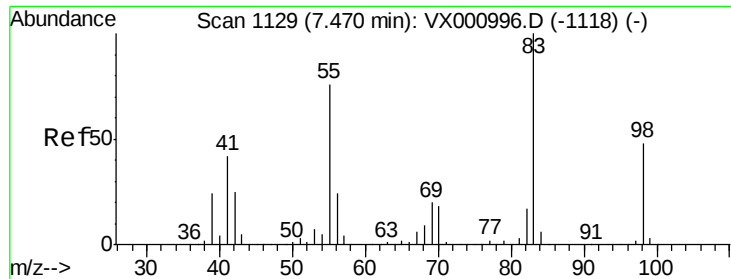


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

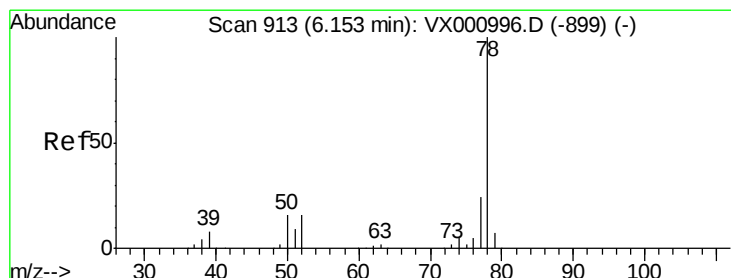
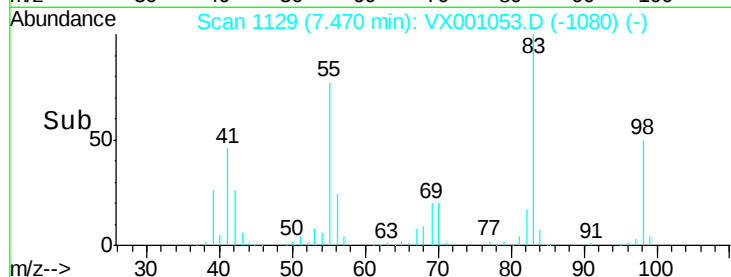
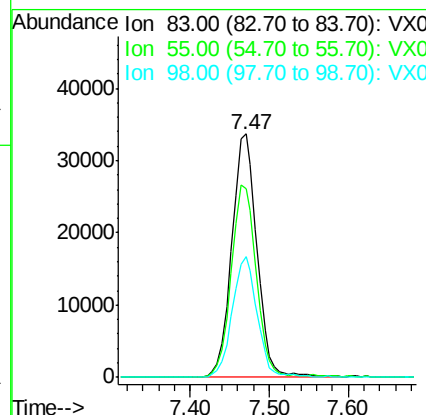
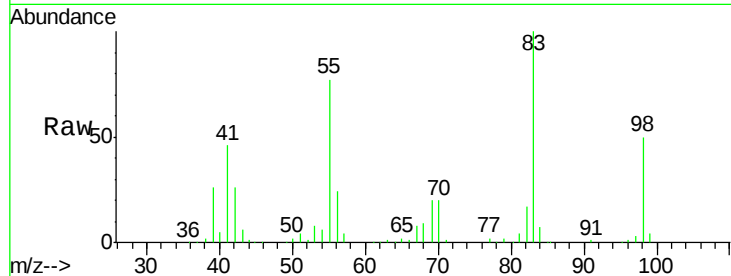




#39
Methylcyclohexane
Concen: 18.34 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

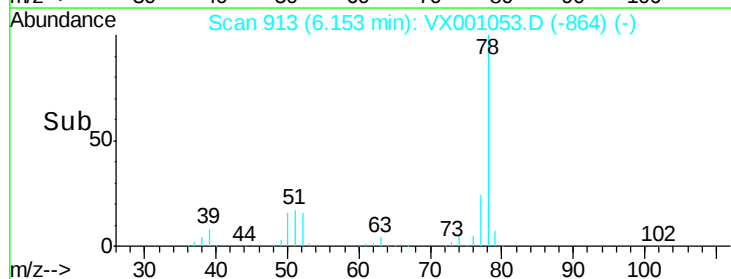
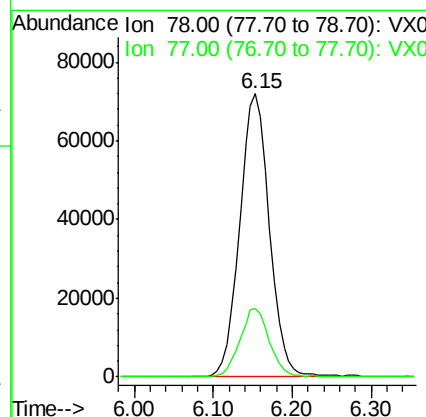
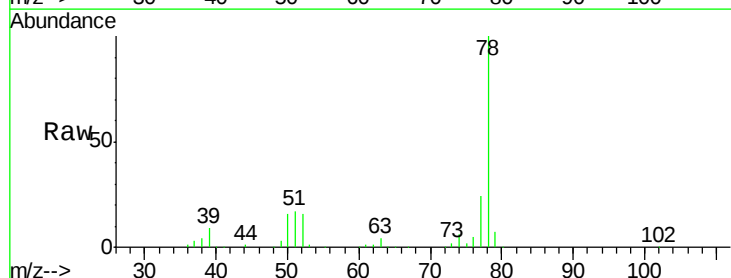
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

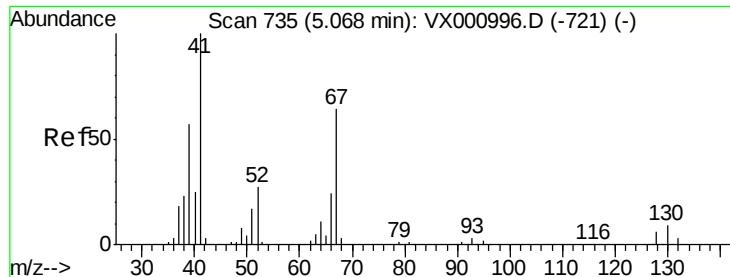
Tgt Ion: 83 Resp: 75047
Ion Ratio Lower Upper
83 100
55 77.5 60.6 91.0
98 49.7 38.2 57.4



#40
Benzene
Concen: 19.28 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 78 Resp: 188471
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3

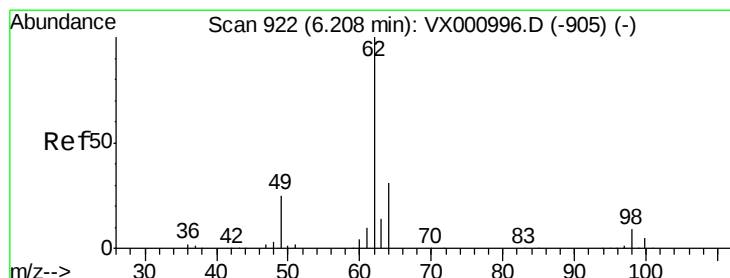
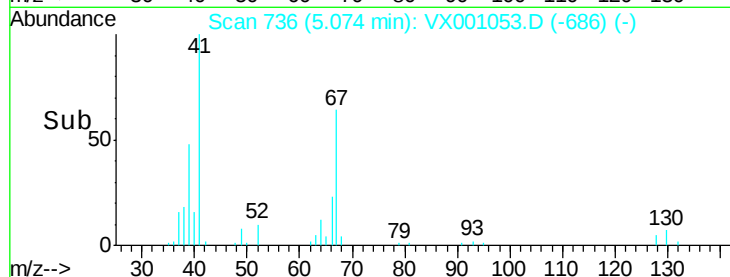
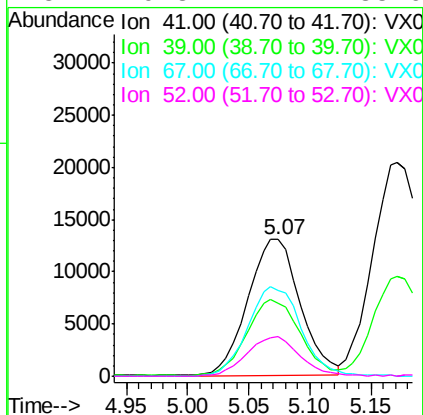
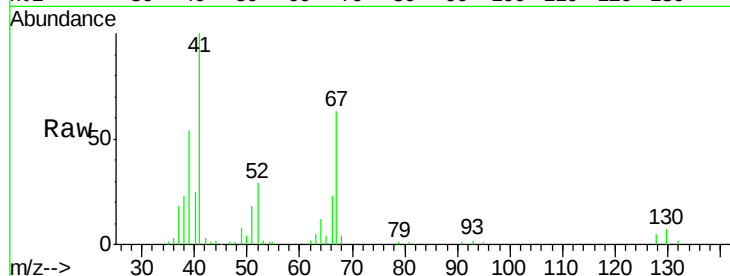




#41
Methacrylonitrile
Concen: 19.40 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

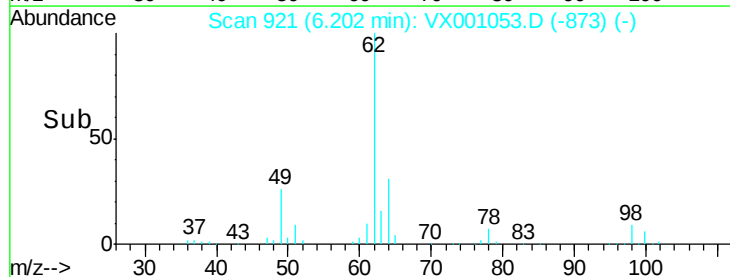
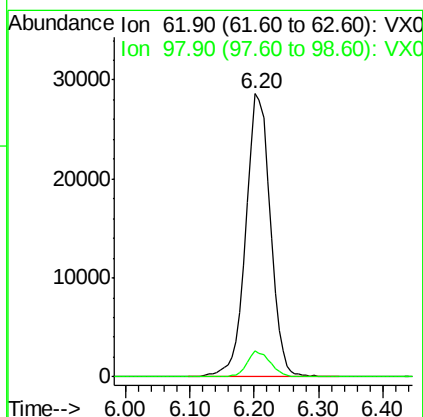
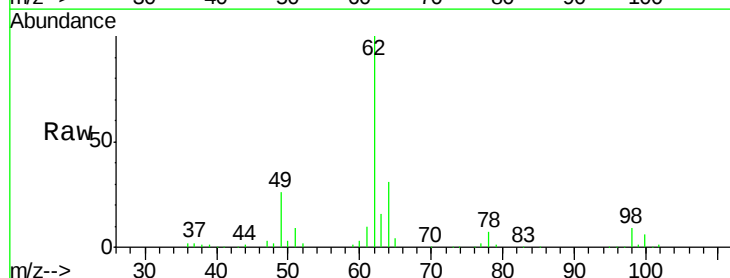
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

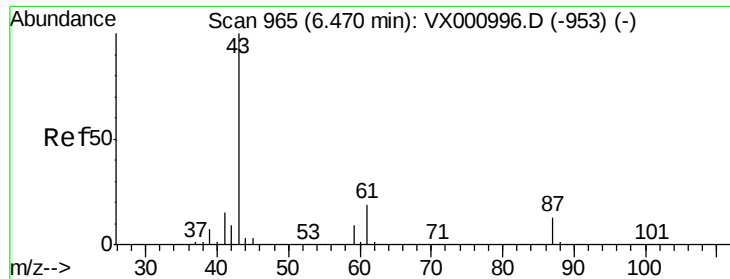
Tgt Ion:	41	Resp:	39068
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.2	67.8
67	66.9	53.8	80.8
52	29.3	22.4	33.6



#42
1,2-Dichloroethane
Concen: 19.89 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion:	62	Resp:	74640
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.94 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

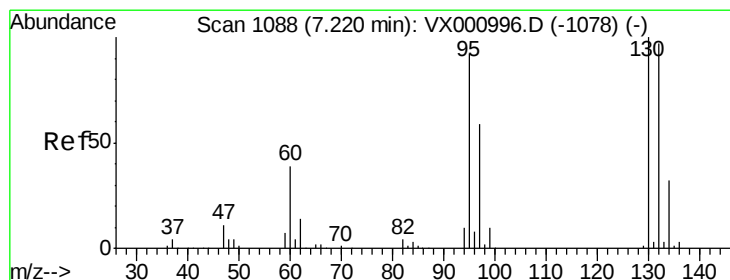
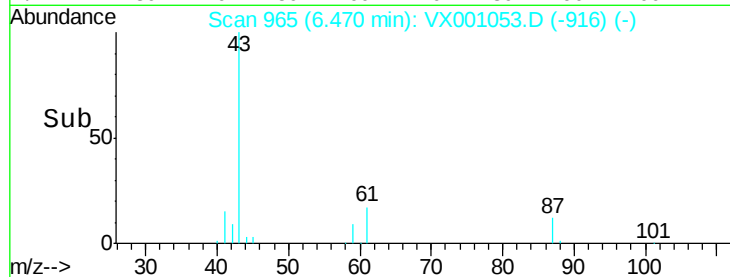
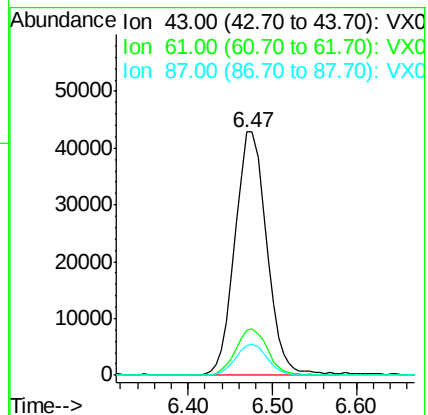
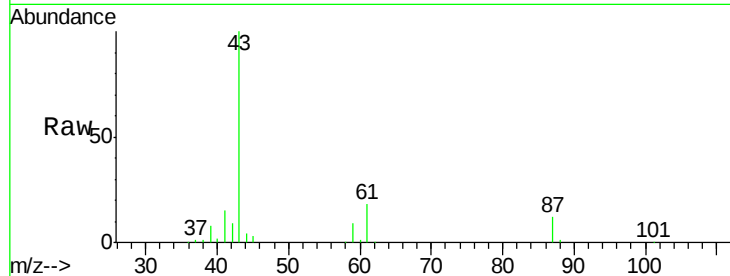
Tgt Ion: 43 Resp: 110323

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.2

87 12.9 10.6 15.8



#44

Trichloroethene

Concen: 19.56 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001053.D

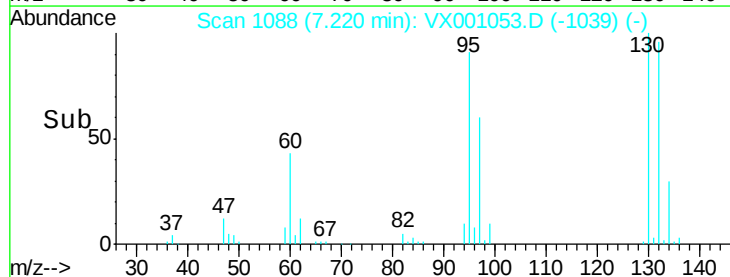
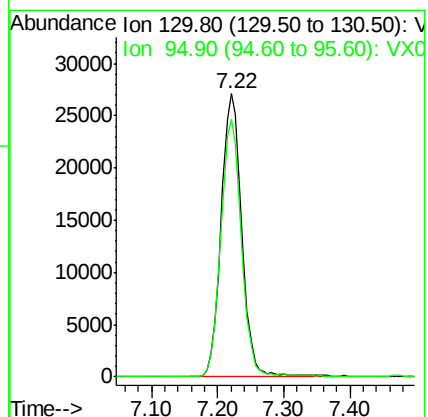
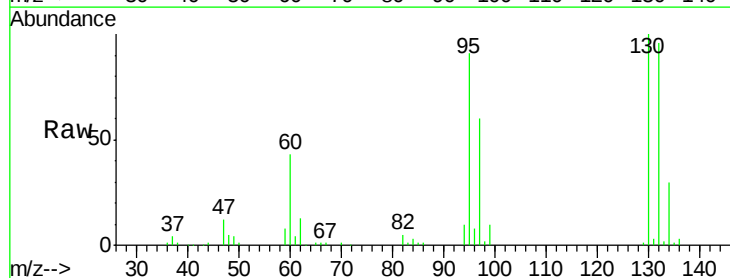
Acq: 23 Apr 2018 12:55

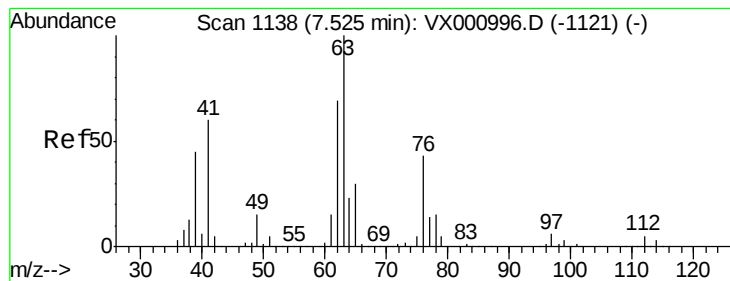
Tgt Ion: 130 Resp: 58421

Ion Ratio Lower Upper

130 100

95 91.1 0.0 184.2





#45

1,2-Dichloropropane

Concen: 19.98 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampled :

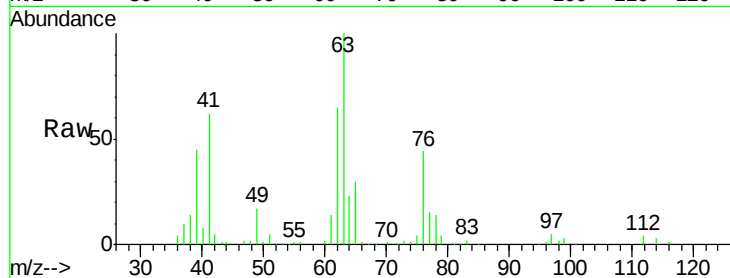
VX0423MBS01

Tgt Ion: 63 Resp: 49110

Ion Ratio Lower Upper

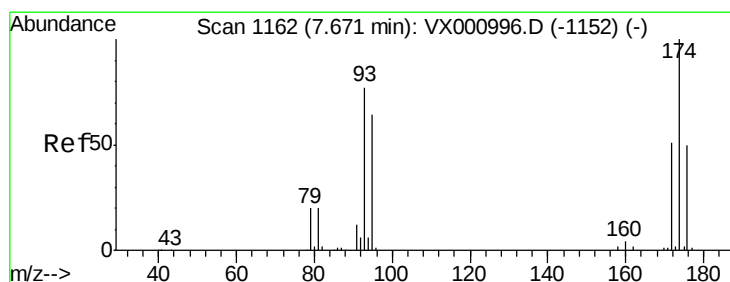
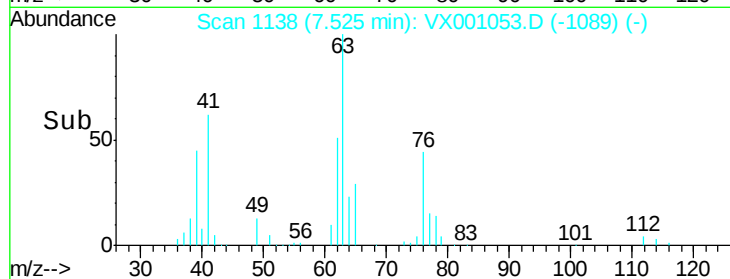
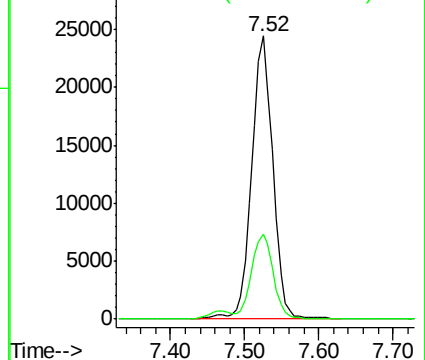
63 100

65 30.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.59 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

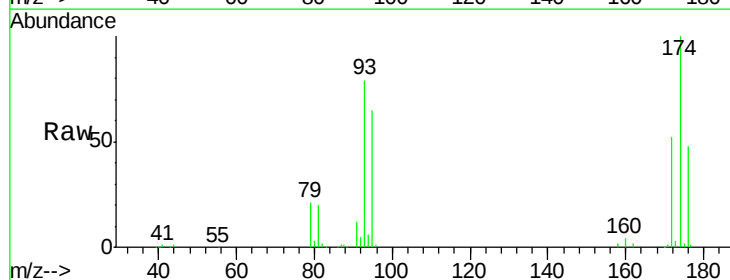
Tgt Ion: 93 Resp: 33643

Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

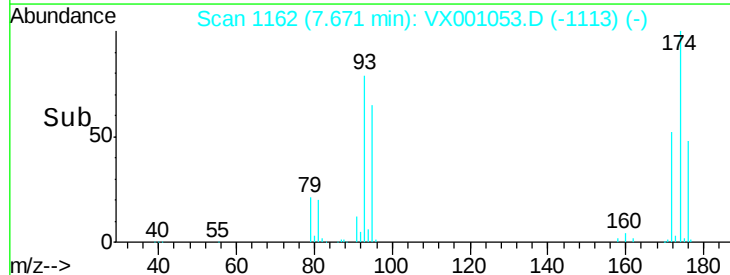
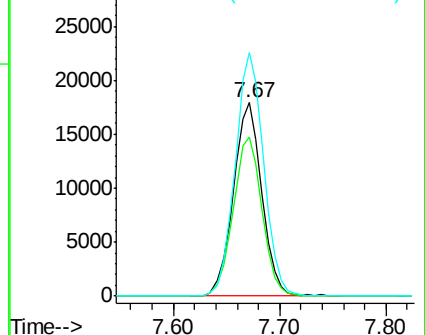
174 126.1 101.8 152.6

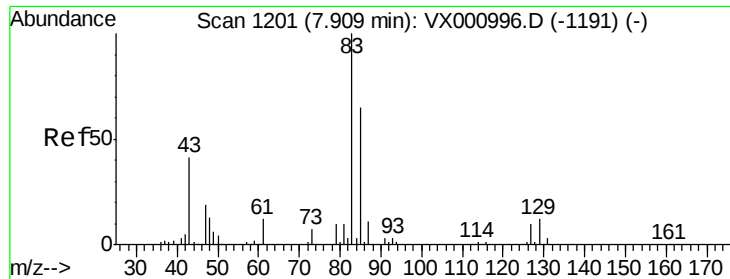


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.84 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

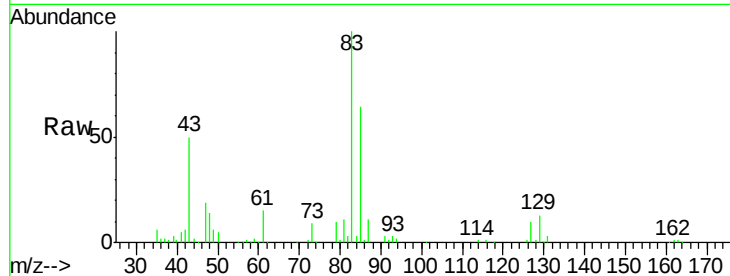
Tgt Ion: 83 Resp: 63132

Ion Ratio Lower Upper

83 100

85 64.2 52.3 78.5

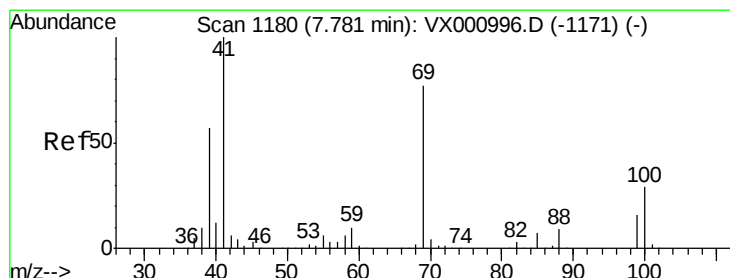
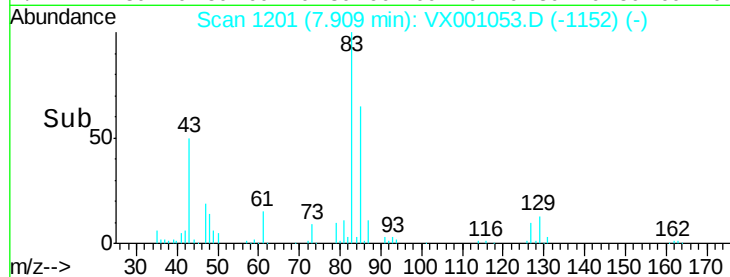
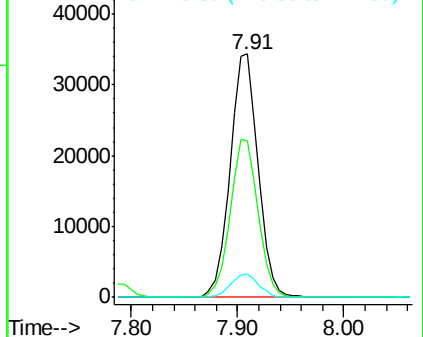
127 9.9 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.38 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

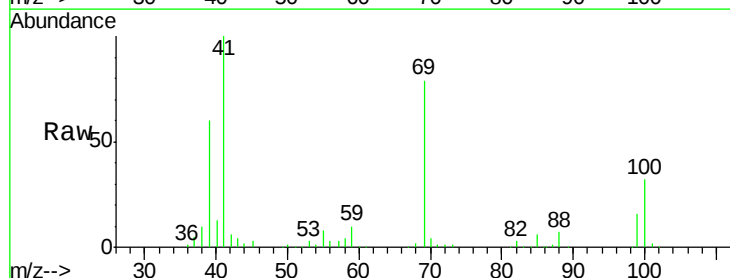
Tgt Ion: 41 Resp: 57732

Ion Ratio Lower Upper

41 100

69 80.3 62.6 94.0

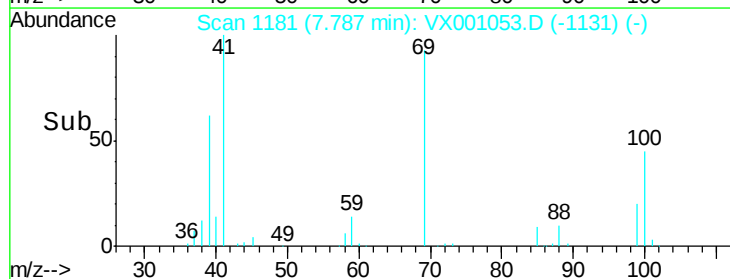
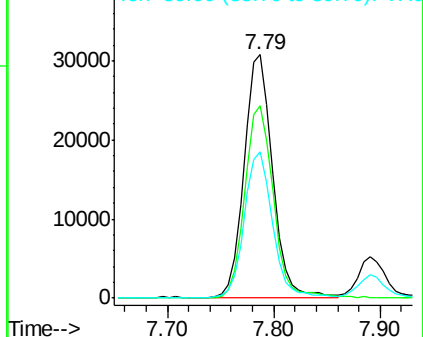
39 60.3 45.3 67.9

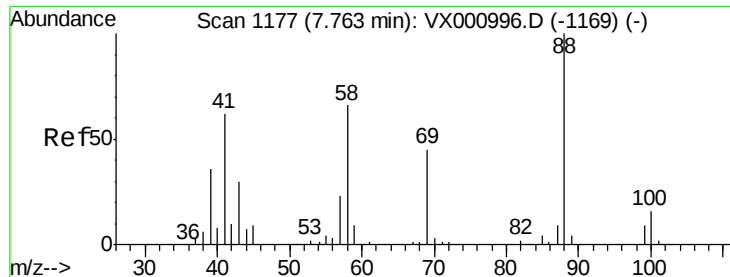


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

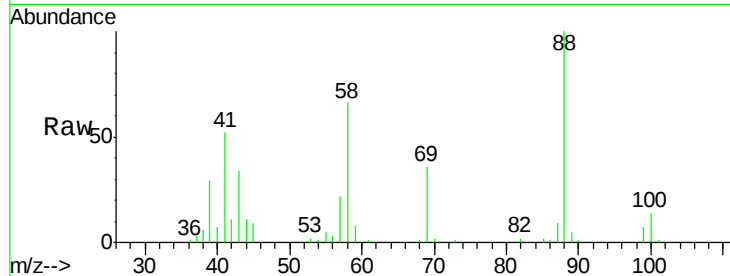




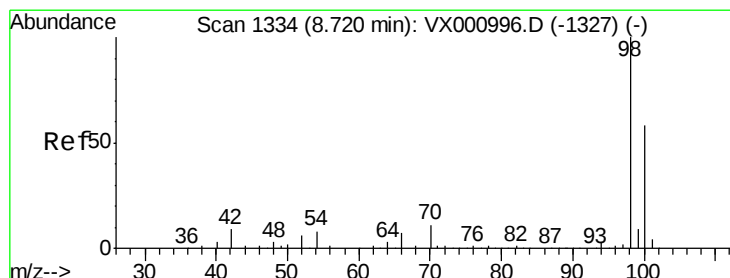
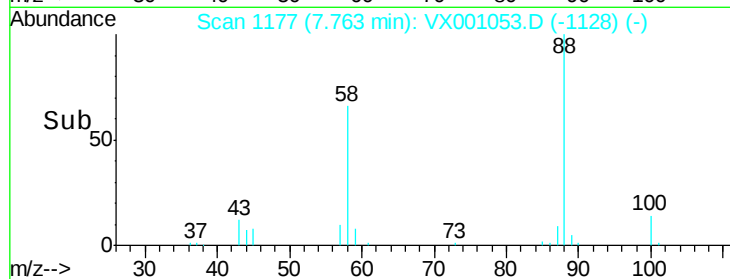
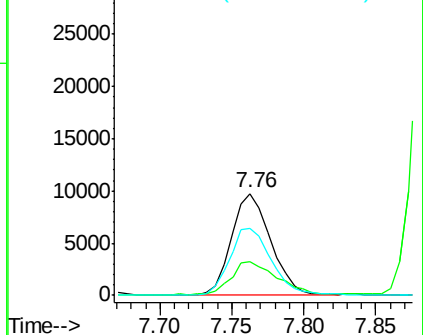
#49
1,4-Dioxane
Concen: 425.40 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tgt Ion: 88 Resp: 18639
Ion Ratio Lower Upper
88 100
43 38.6 29.2 43.8
58 70.4 55.0 82.6

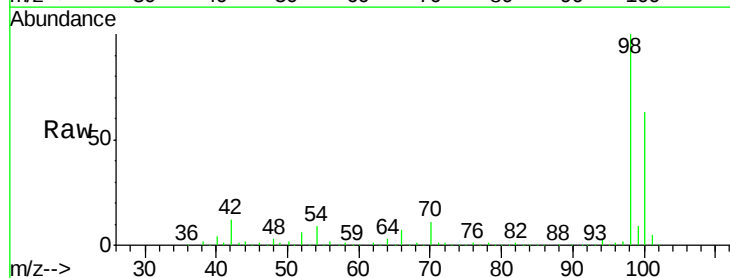


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

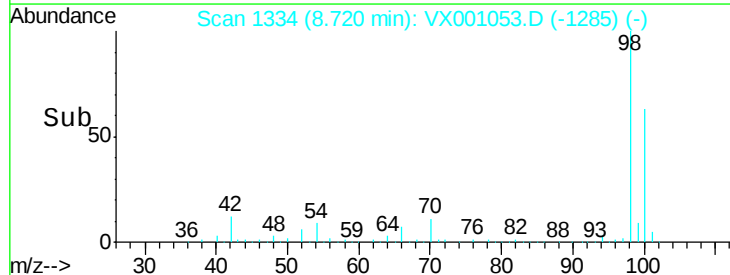
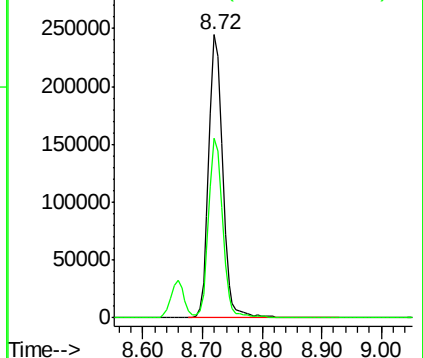


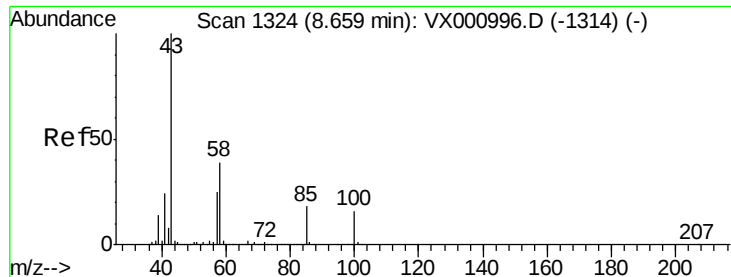
#50
Toluene-d8
Concen: 46.65 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 98 Resp: 393536
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

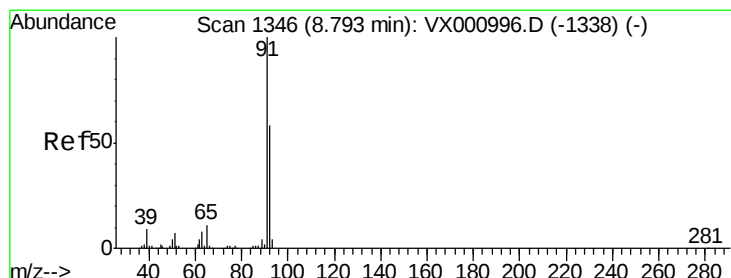
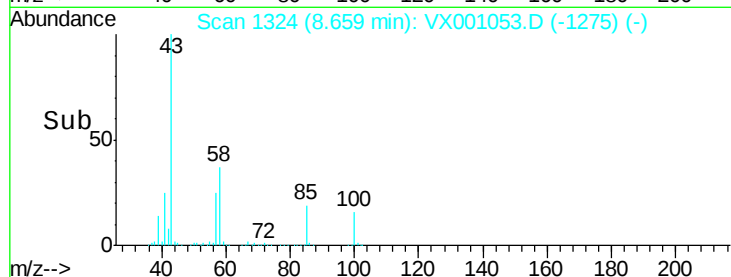
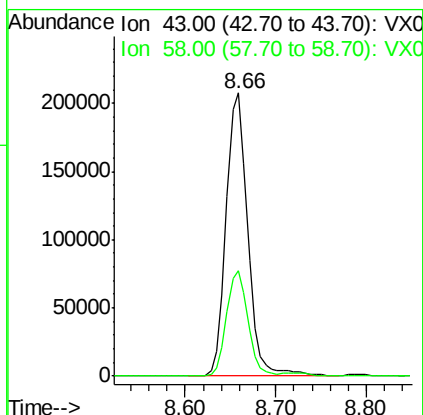
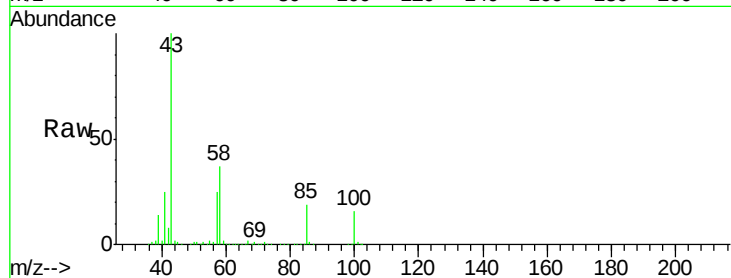




#51
 4-Methyl-2-Pentanone
 Concen: 102.86 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

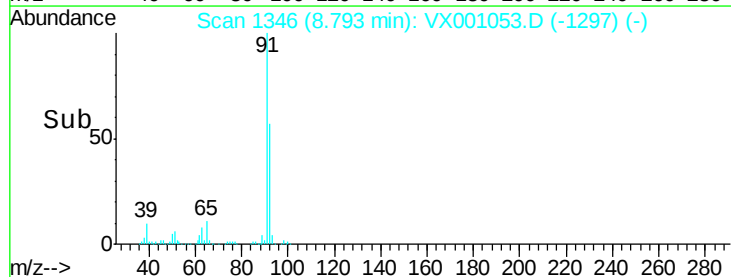
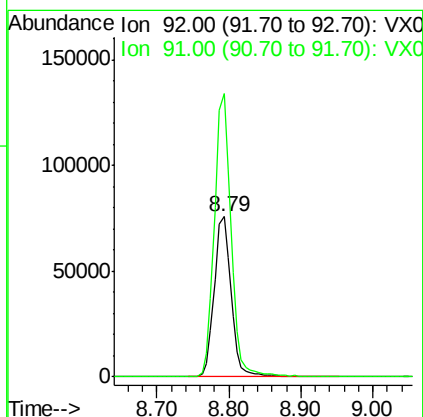
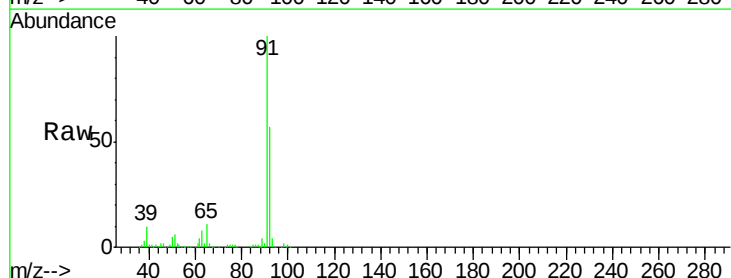
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

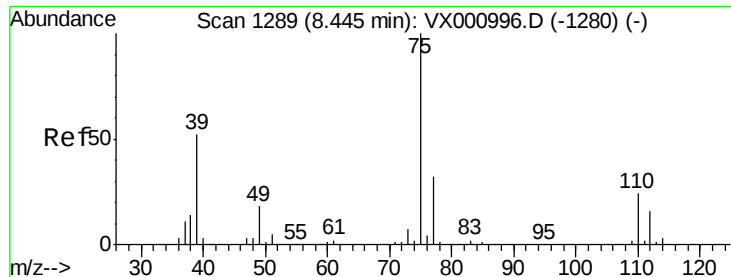
Tgt Ion: 43 Resp: 345603
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.2 45.4



#52
 Toluene
 Concen: 19.46 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion: 92 Resp: 124152
 Ion Ratio Lower Upper
 92 100
 91 174.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.86 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

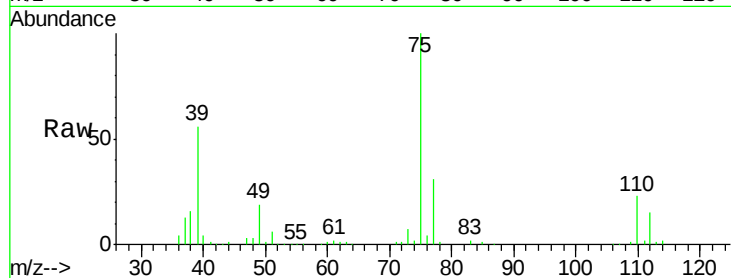
VX0423MBS01

Tgt Ion: 75 Resp: 75556

Ion Ratio Lower Upper

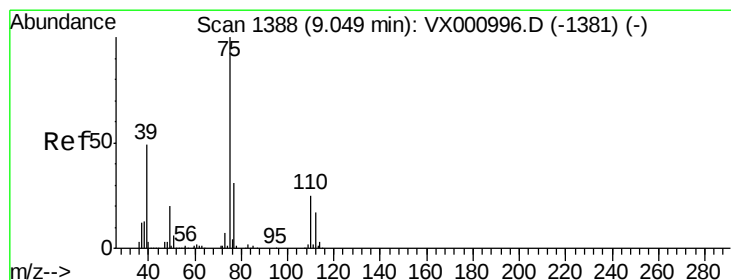
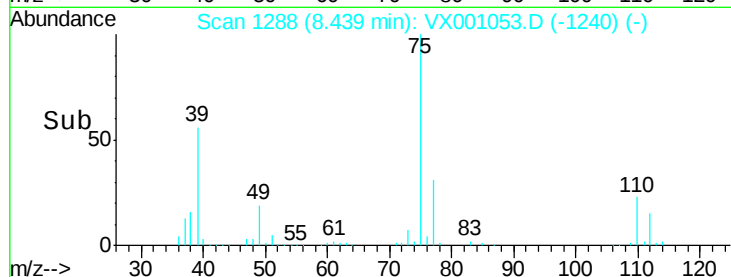
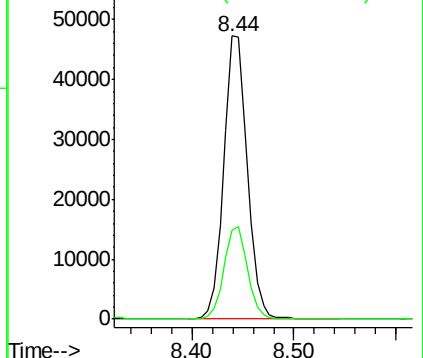
75 100

77 31.3 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.07 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

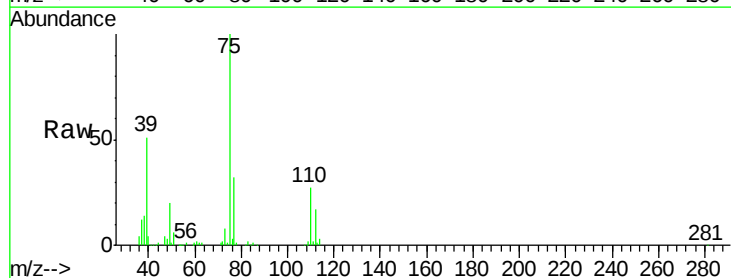
Tgt Ion: 75 Resp: 72027

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

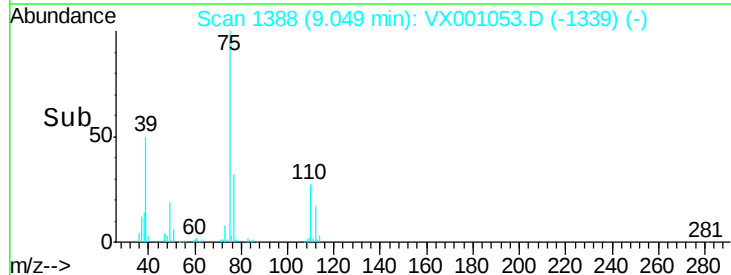
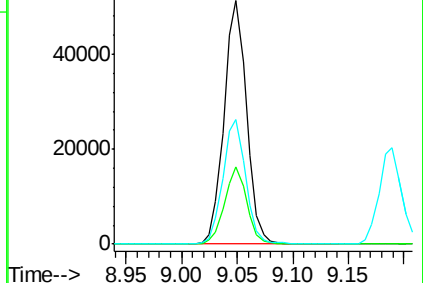
39 50.9 39.2 58.8

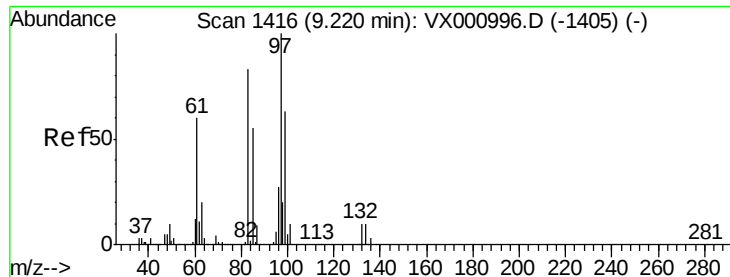


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.73 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampled :

VX0423MBS01

Tgt Ion: 97 Resp: 50035

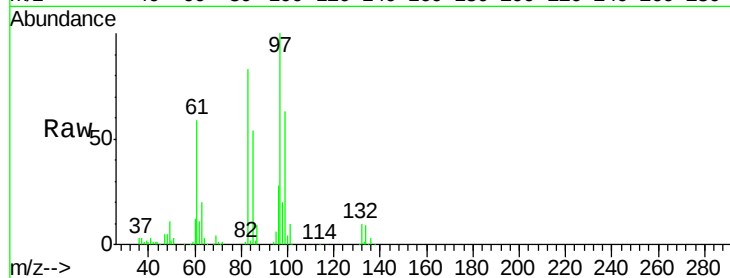
Ion Ratio Lower Upper

97 100

83 83.4 66.2 99.4

85 54.2 44.2 66.4

99 62.5 50.2 75.4

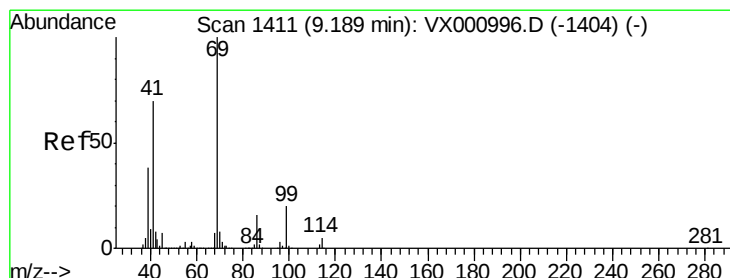
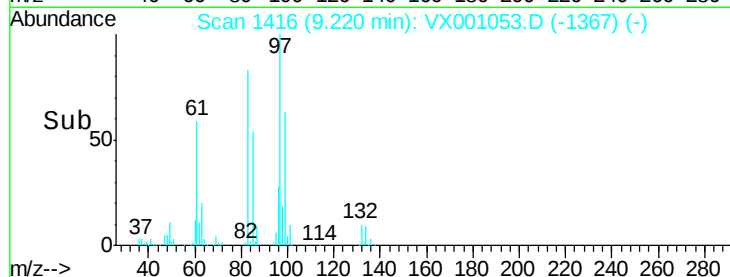
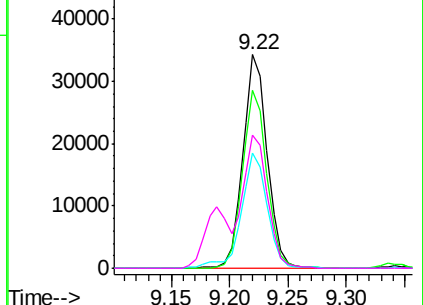


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.91 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

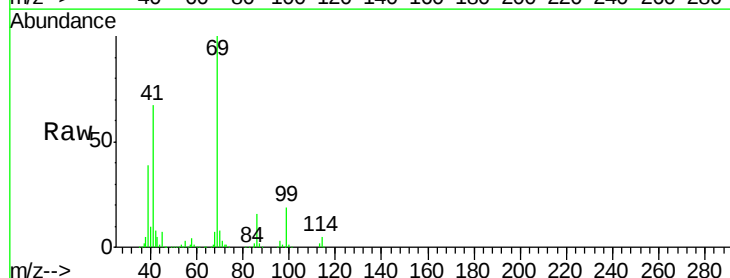
Tgt Ion: 69 Resp: 74157

Ion Ratio Lower Upper

69 100

41 69.5 56.3 84.5

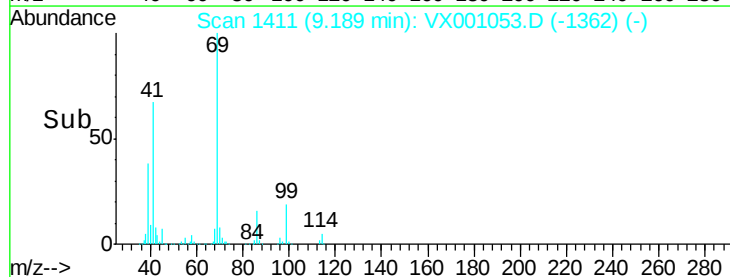
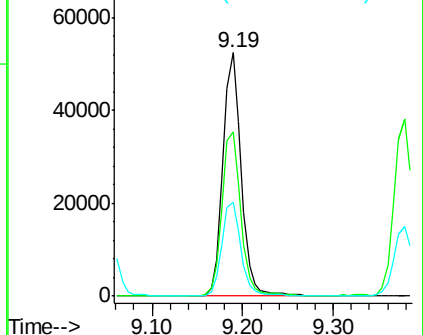
39 39.6 30.4 45.6

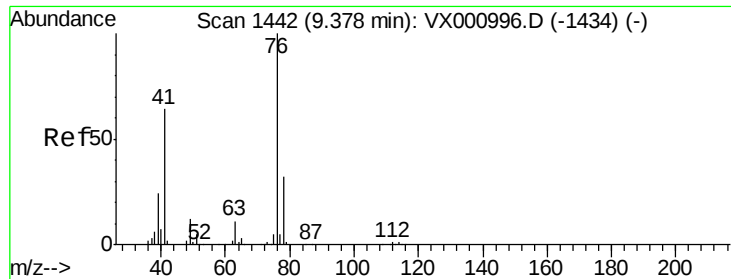


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.67 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

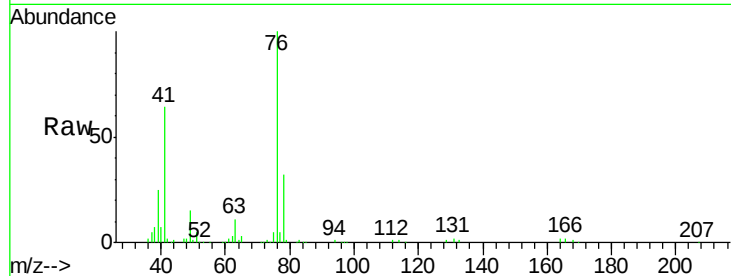
VX0423MBS01

Tgt Ion: 76 Resp: 82630

Ion Ratio Lower Upper

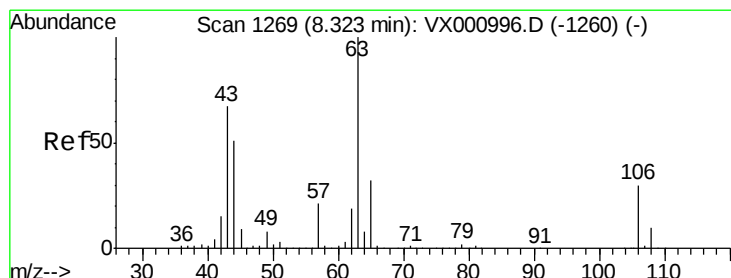
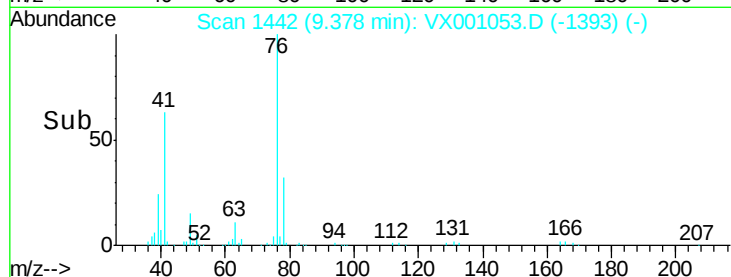
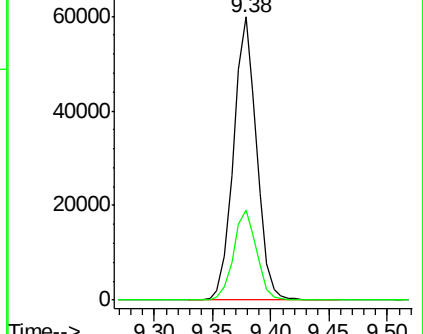
76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.48 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001053.D

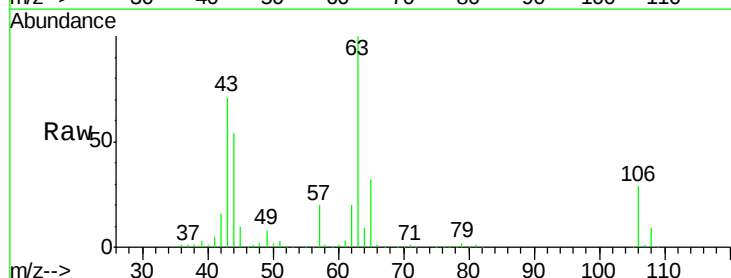
Acq: 23 Apr 2018 12:55

Tgt Ion: 63 Resp: 182665

Ion Ratio Lower Upper

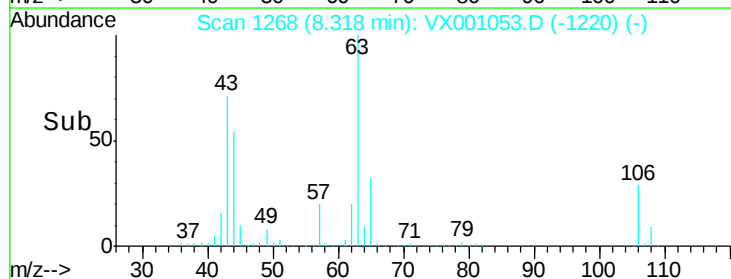
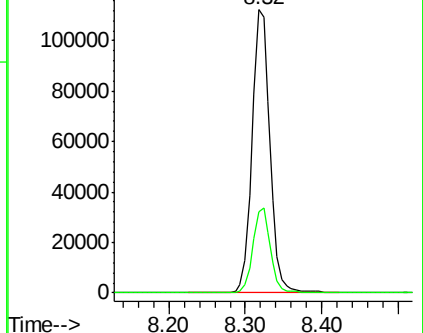
63 100

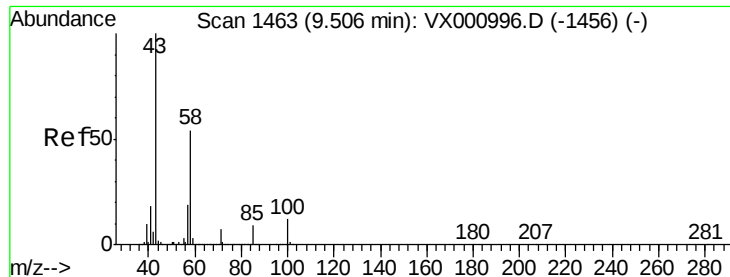
106 29.4 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

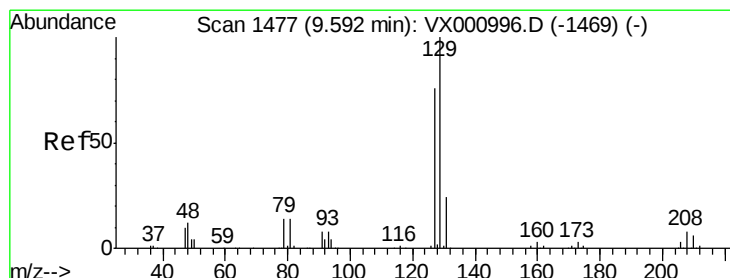
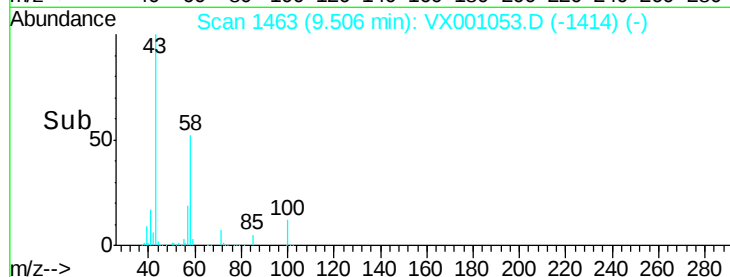
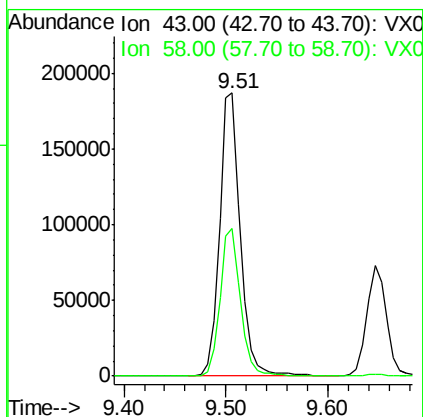
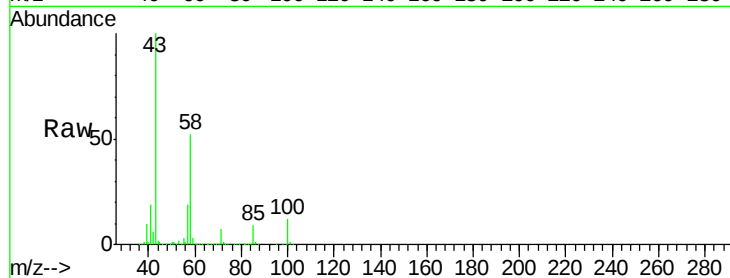




#59
2-Hexanone
Concen: 103.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

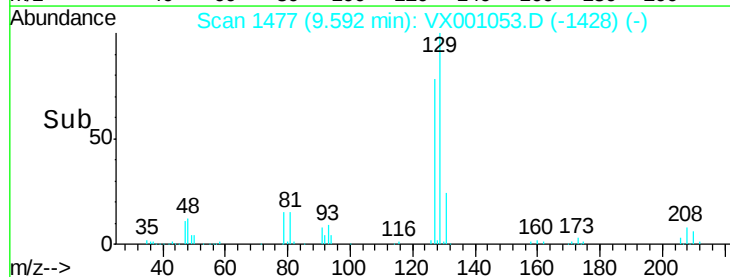
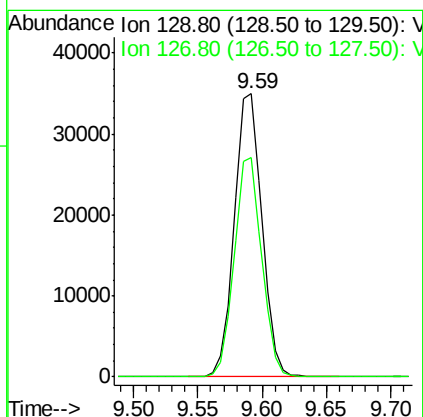
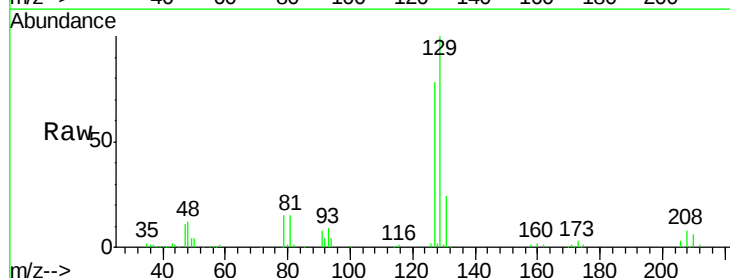
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

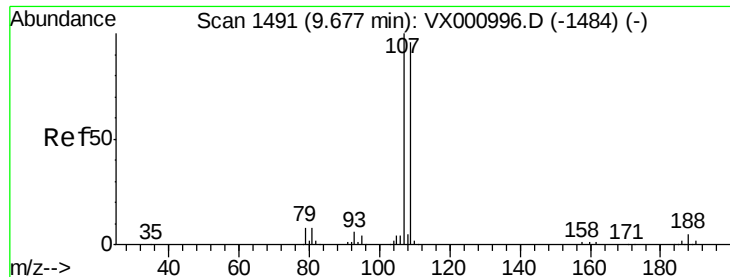
Tgt Ion: 43 Resp: 264909
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9



#60
Dibromochloromethane
Concen: 19.69 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 129 Resp: 52435
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.77 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

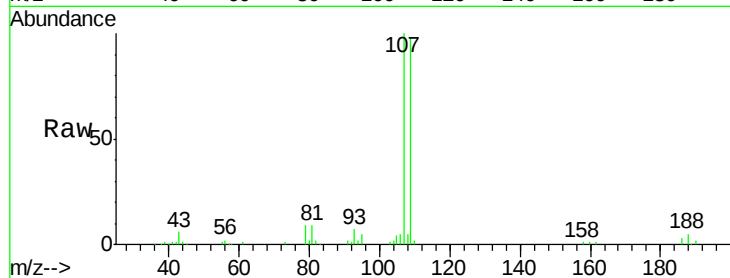
VX0423MBS01

Tgt Ion: 107 Resp: 52898

Ion Ratio Lower Upper

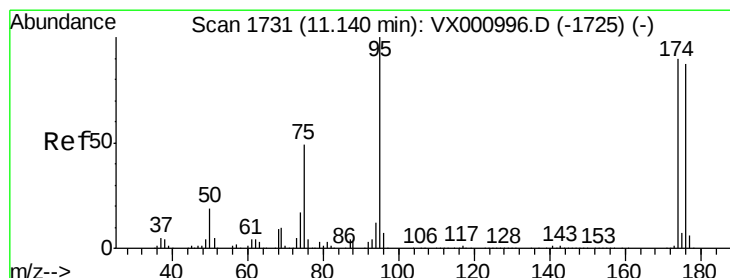
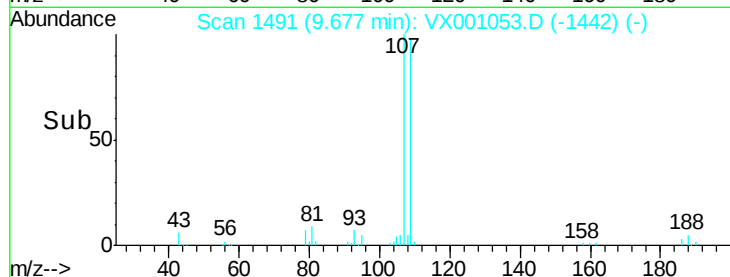
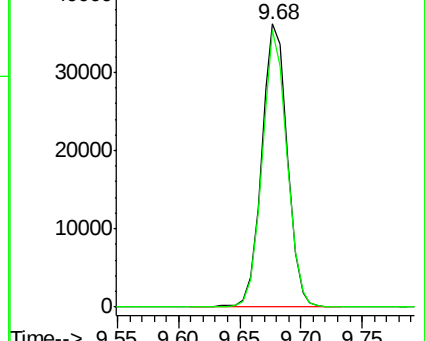
107 100

109 94.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

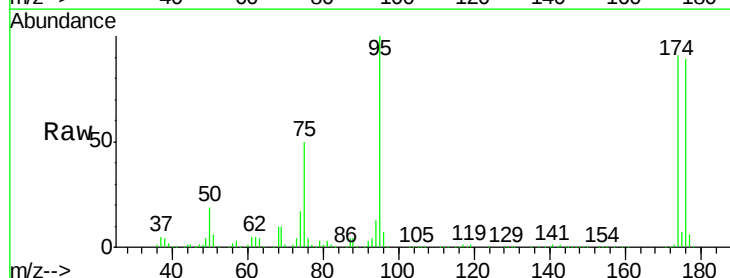
Tgt Ion: 95 Resp: 162150

Ion Ratio Lower Upper

95 100

174 98.8 0.0 198.4

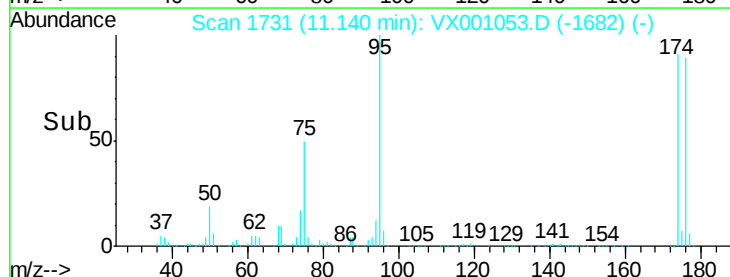
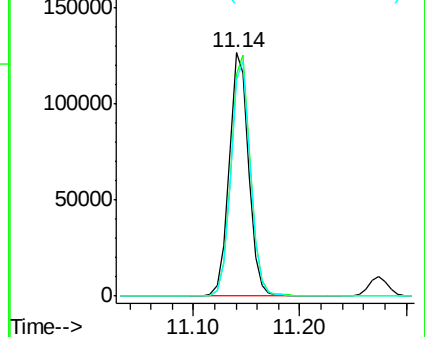
176 96.4 0.0 192.0

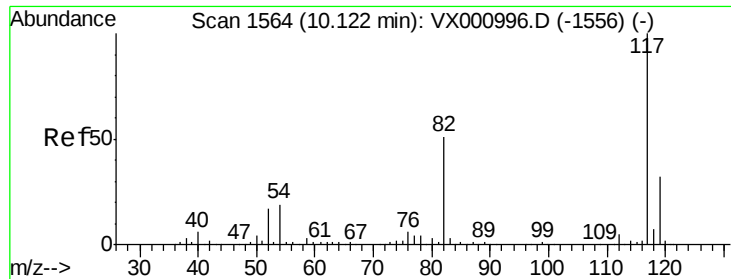


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

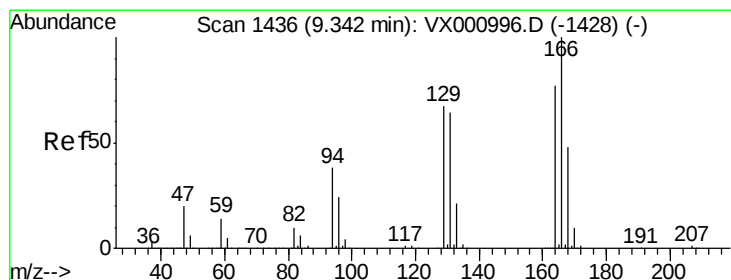
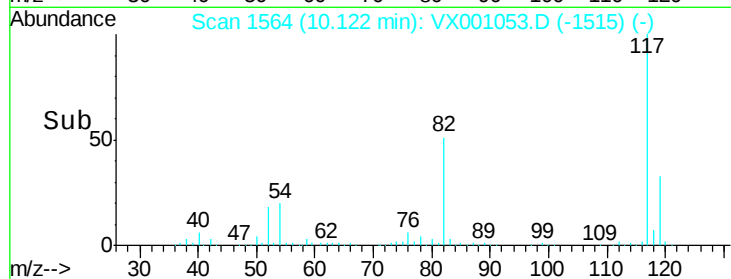
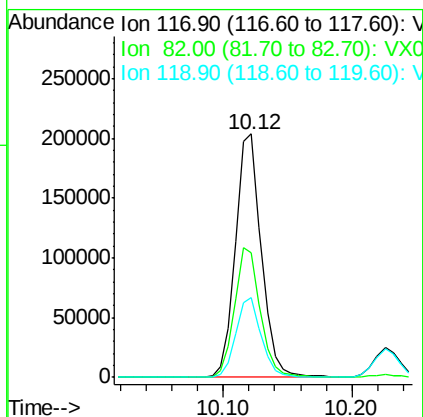
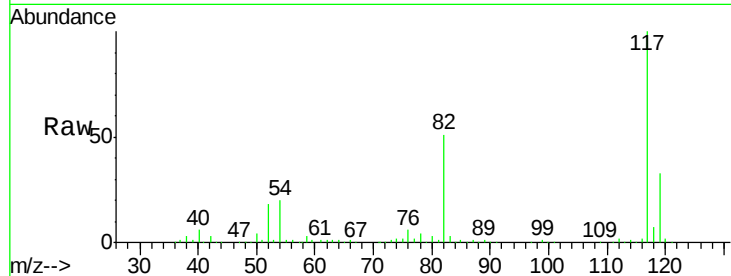




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

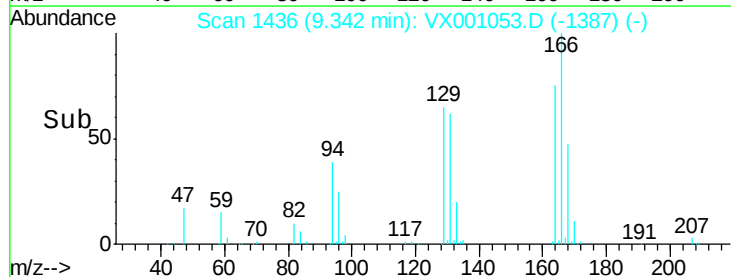
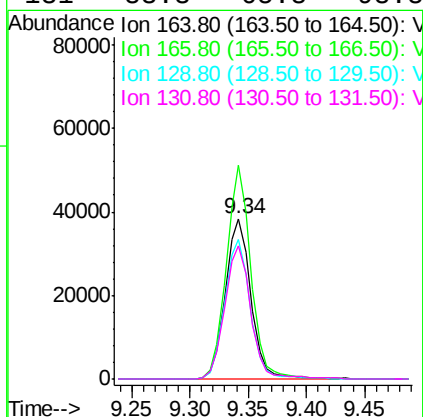
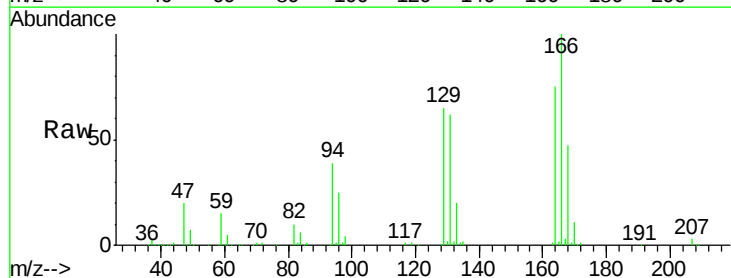
Instrument :
MSVOA_X
ClientSampled :
VX0423MBS01

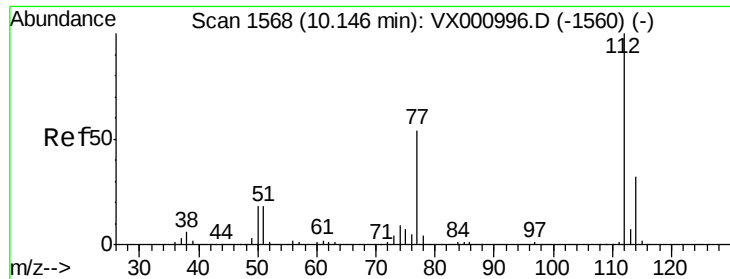
Tgt Ion:117 Resp: 286726
Ion Ratio Lower Upper
117 100
82 51.2 40.6 60.8
119 32.7 26.0 39.0



#64
Tetrachloroethene
Concen: 19.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion:164 Resp: 58434
Ion Ratio Lower Upper
164 100
166 133.4 103.5 155.3
129 86.9 69.6 104.4
131 83.3 65.8 98.8





#65

Chlorobenzene

Concen: 19.18 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

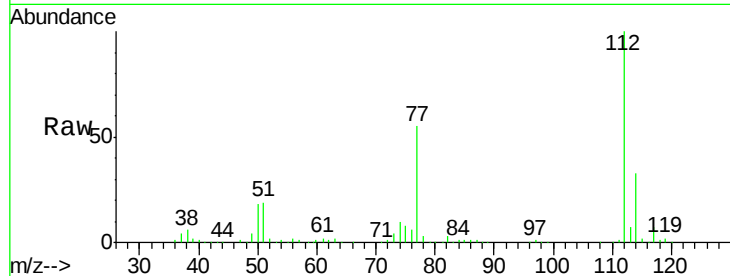
VX0423MBS01

Tgt Ion:112 Resp: 146431

Ion Ratio Lower Upper

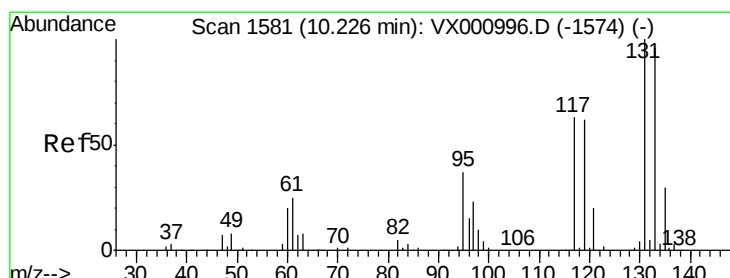
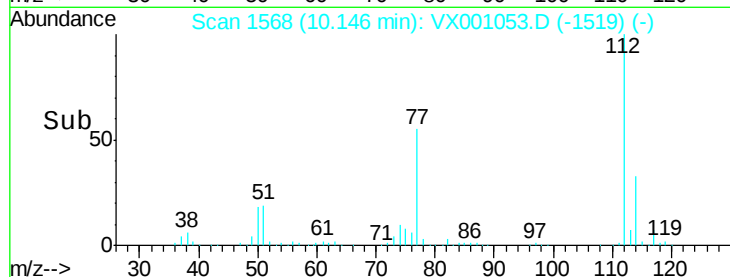
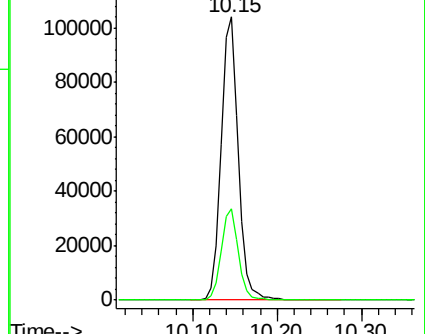
112 100

114 32.5 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.10 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

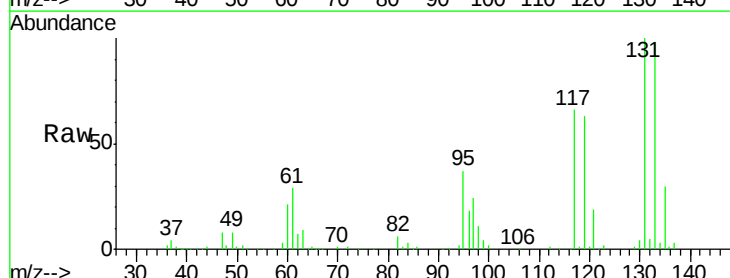
Tgt Ion:131 Resp: 52662

Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.8

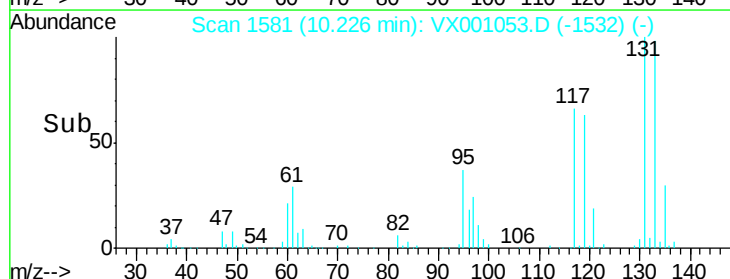
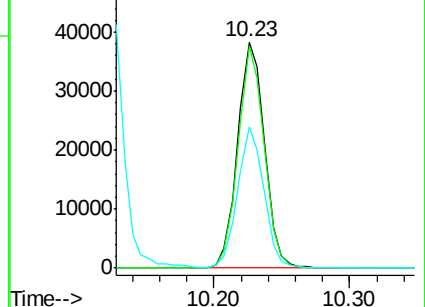
119 61.1 31.1 93.2

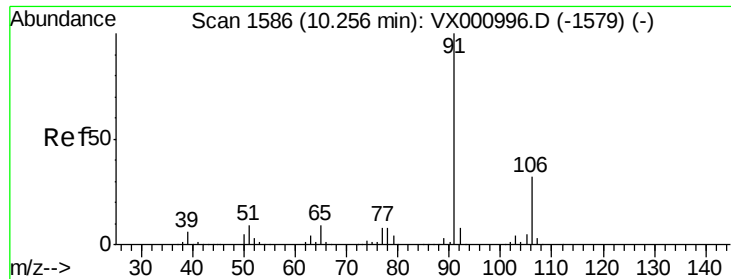


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

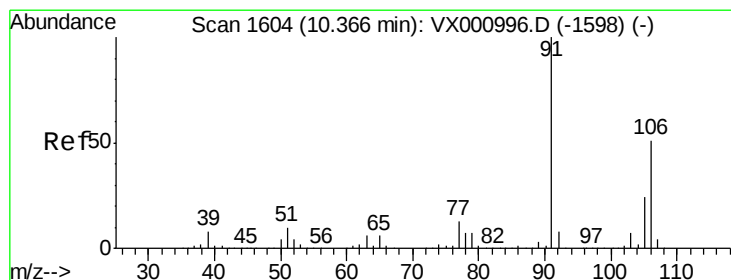
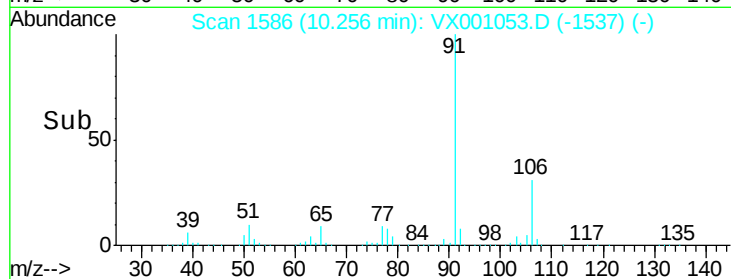
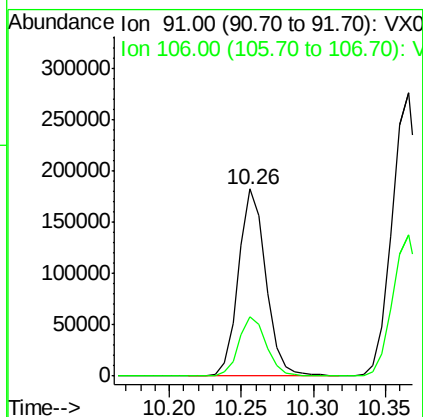
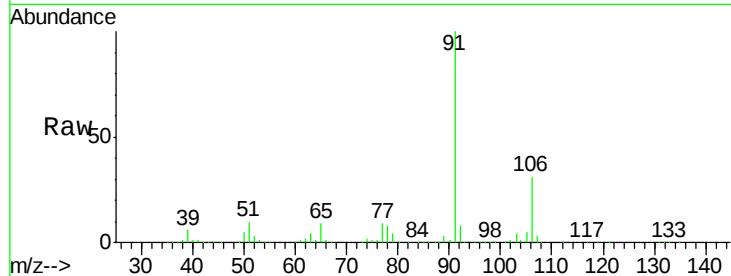




#67
Ethyl Benzene
Concen: 19.12 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

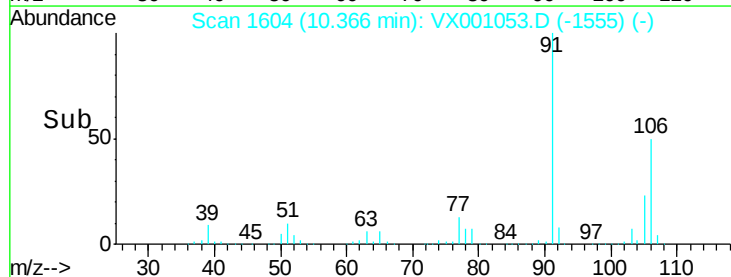
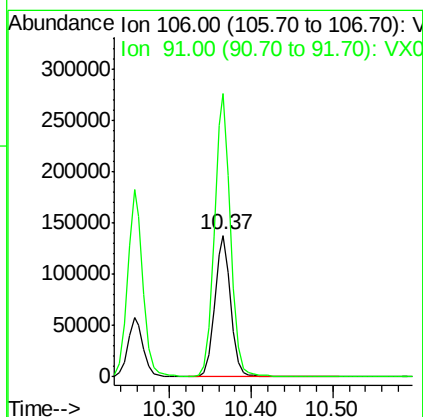
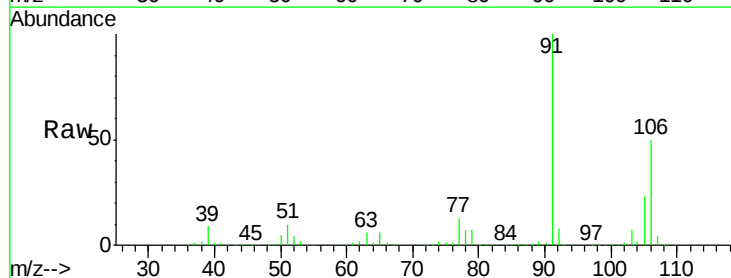
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

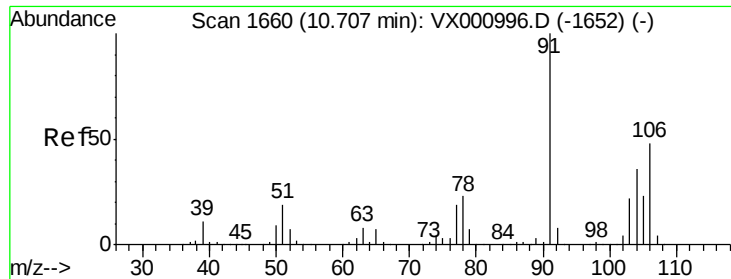
Tgt Ion: 91 Resp: 242441
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 38.21 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 106 Resp: 190946
Ion Ratio Lower Upper
106 100
91 202.1 159.3 238.9

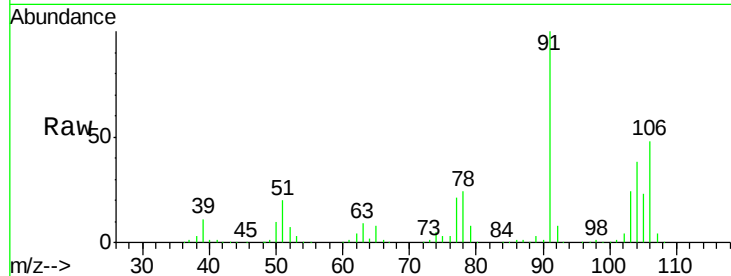




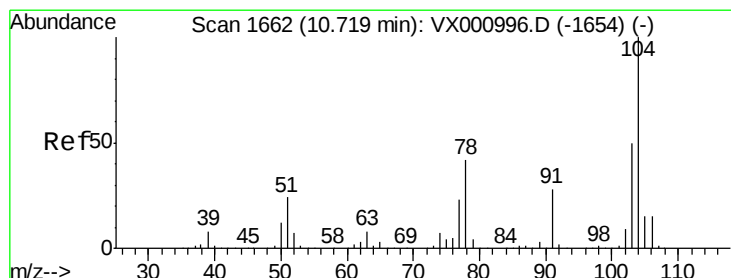
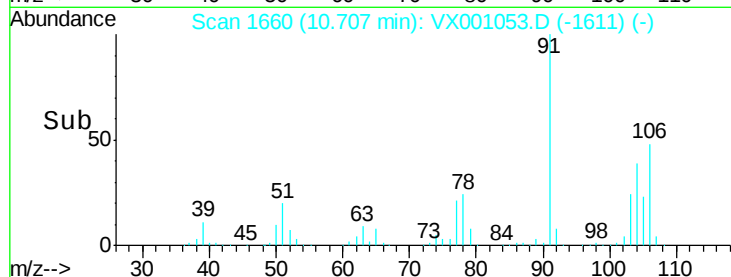
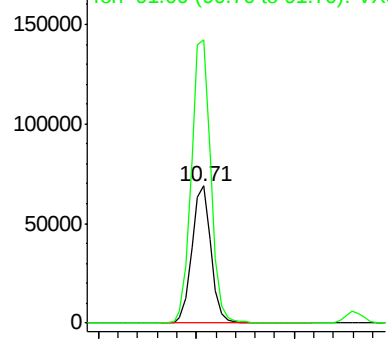
#69
o-Xylene
Concen: 19.27 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tgt Ion:106 Resp: 92851
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.1

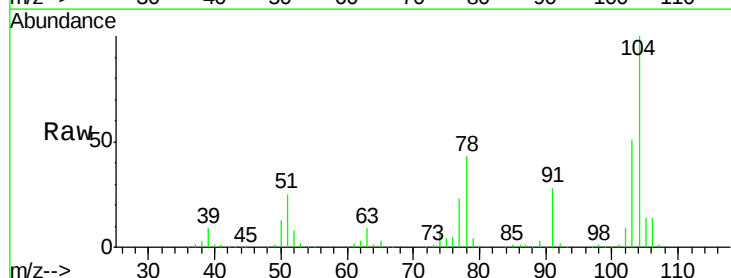


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

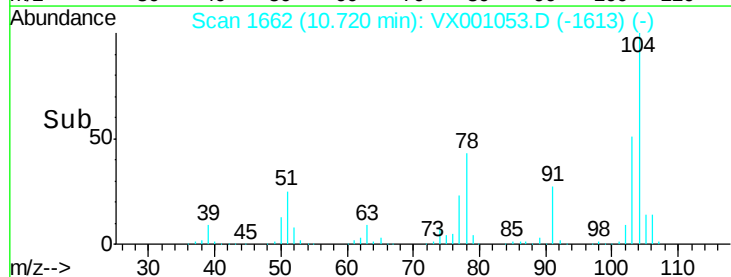
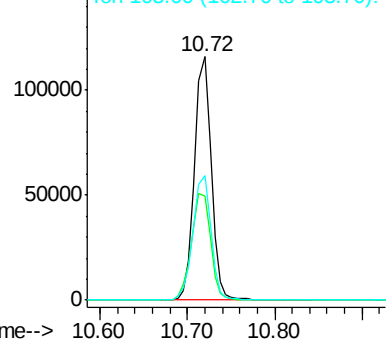


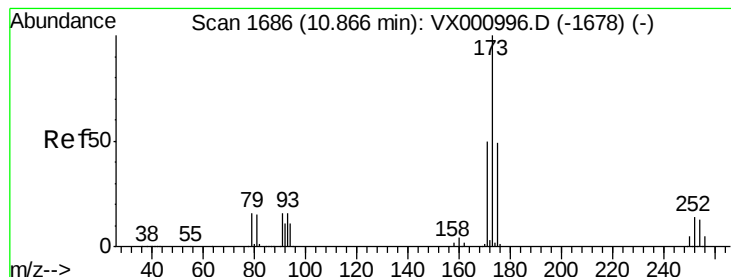
#70
Styrene
Concen: 19.41 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion:104 Resp: 154022
Ion Ratio Lower Upper
104 100
78 50.2 39.4 59.2
103 55.4 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.75 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

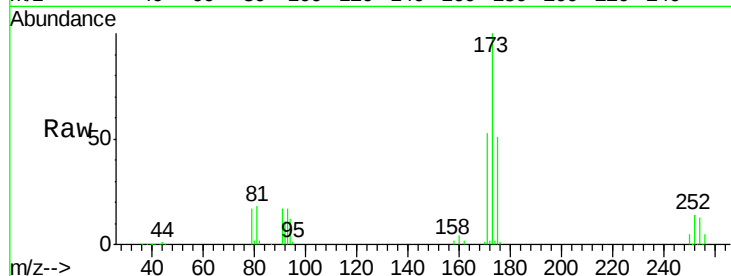
Tgt Ion:173 Resp: 41349

Ion Ratio Lower Upper

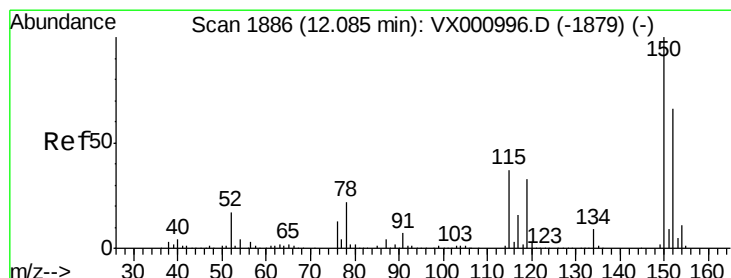
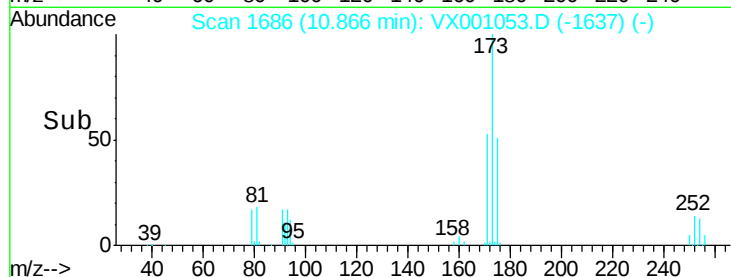
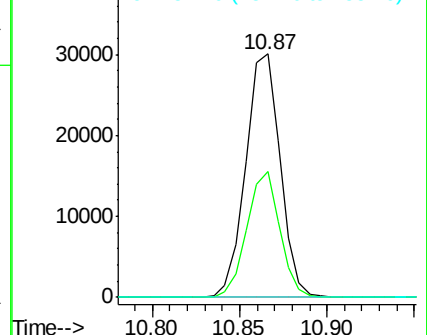
173 100

175 49.4 24.8 74.3

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

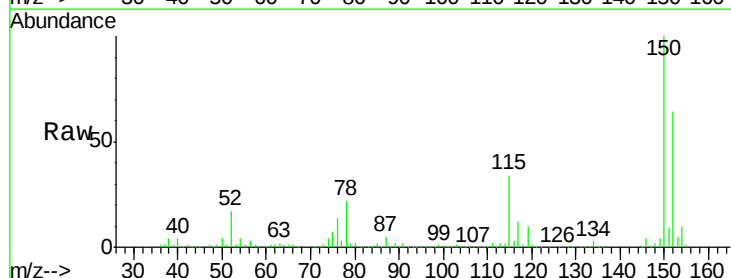
Tgt Ion:152 Resp: 198577

Ion Ratio Lower Upper

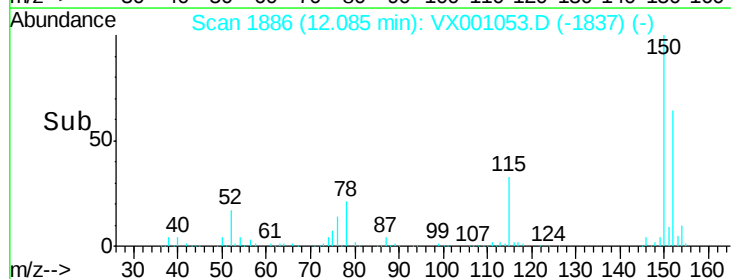
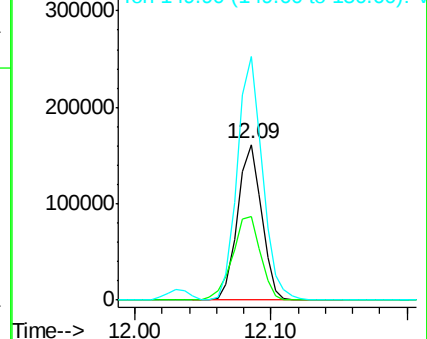
152 100

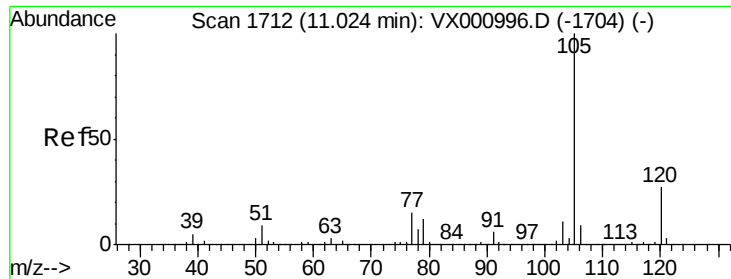
115 62.5 38.2 114.6

150 163.8 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

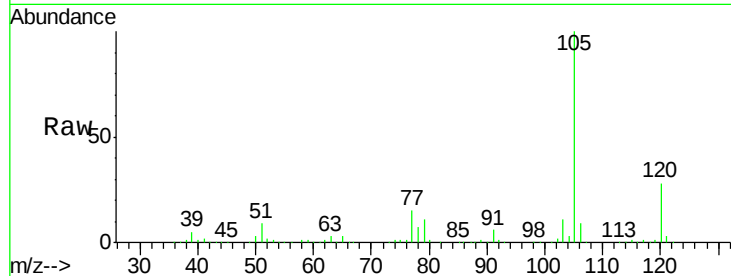
VX0423MBS01

Tgt Ion: 105 Resp: 250667

Ion Ratio Lower Upper

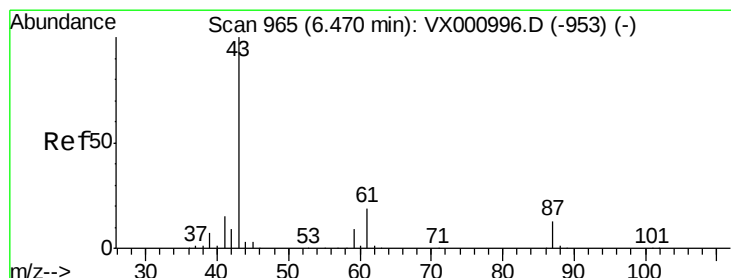
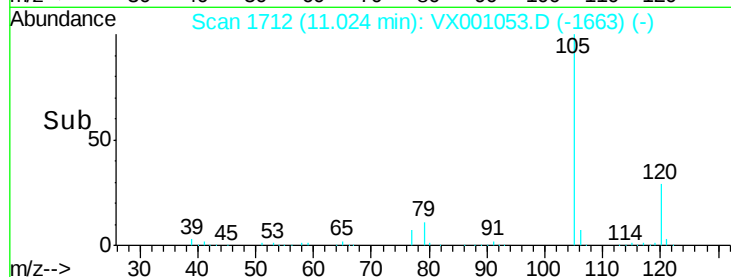
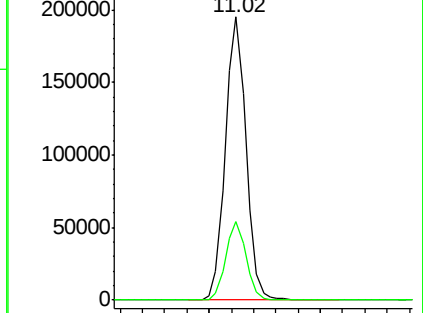
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.87 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion: 43 Resp: 110323

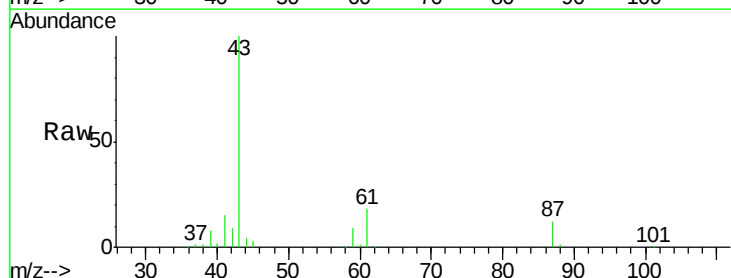
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.2

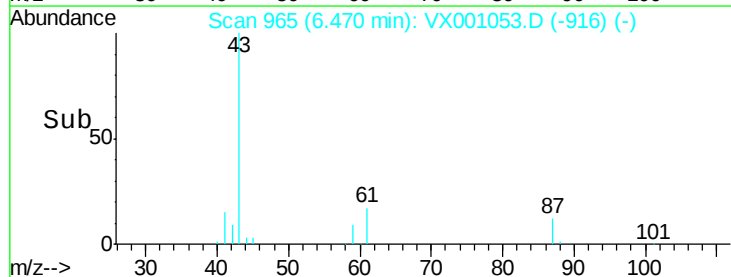
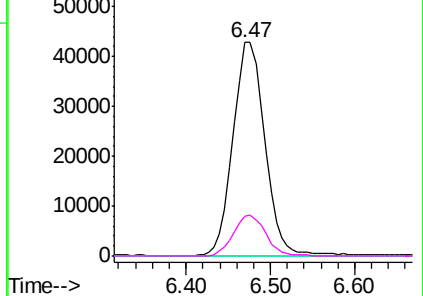


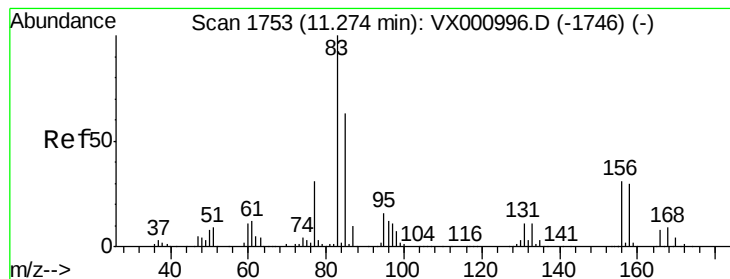
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.04 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

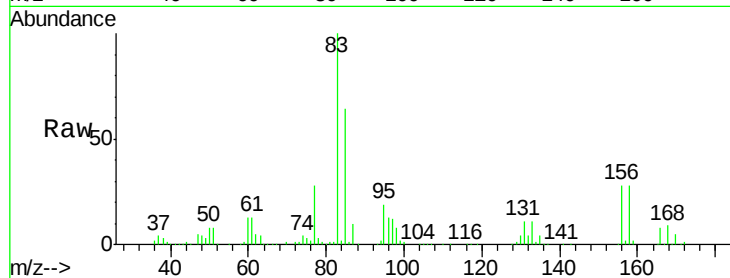
Tgt Ion: 83 Resp: 73641

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

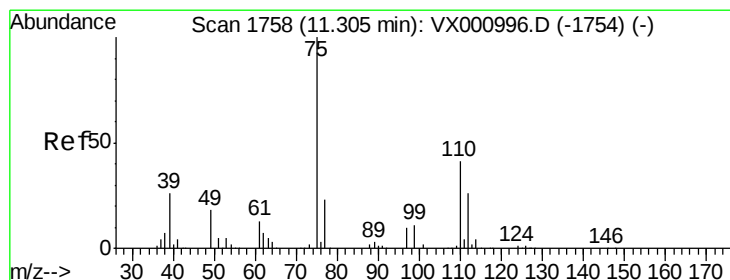
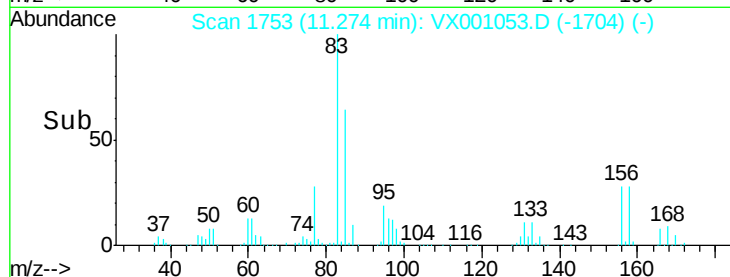
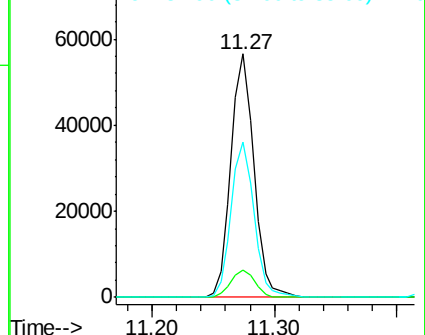
85 63.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.40 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001053.D

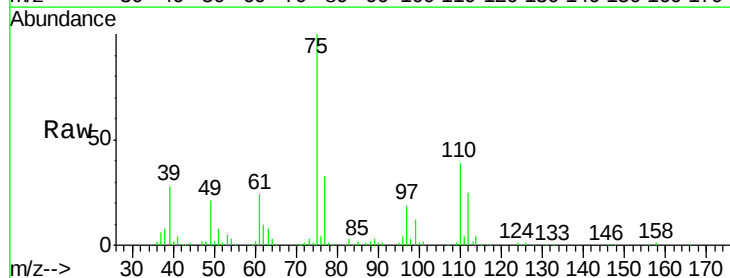
Acq: 23 Apr 2018 12:55

Tgt Ion: 75 Resp: 84074

Ion Ratio Lower Upper

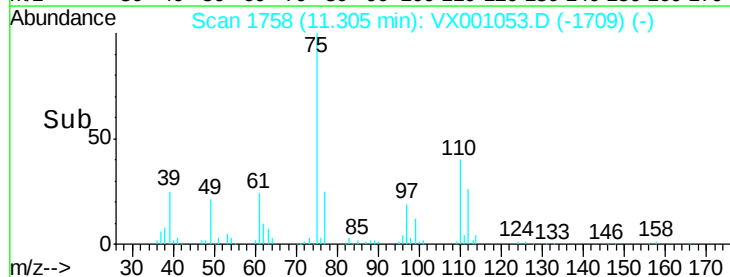
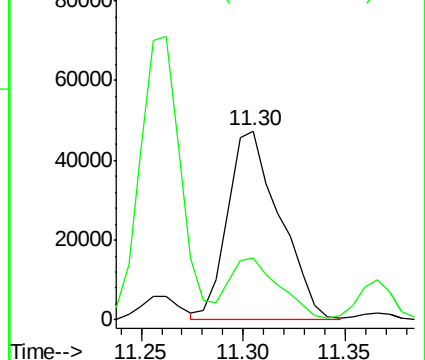
75 100

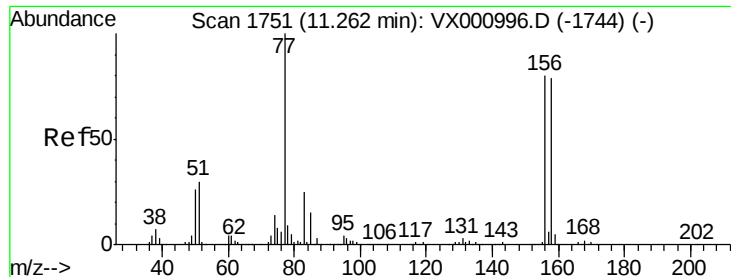
77 31.2 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

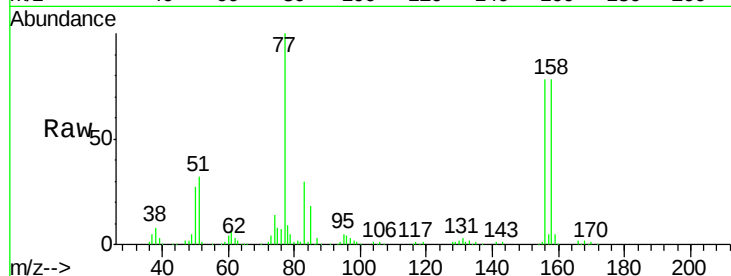
Tgt Ion:156 Resp: 72423

Ion Ratio Lower Upper

156 100

77 135.1 66.3 199.0

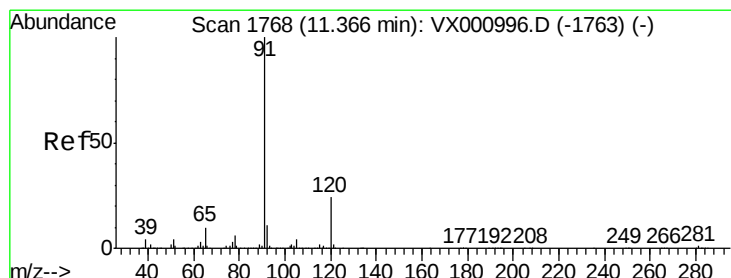
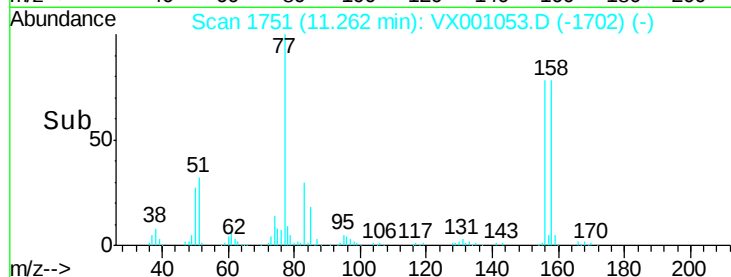
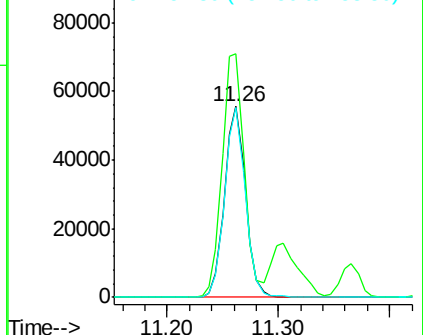
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001053.D

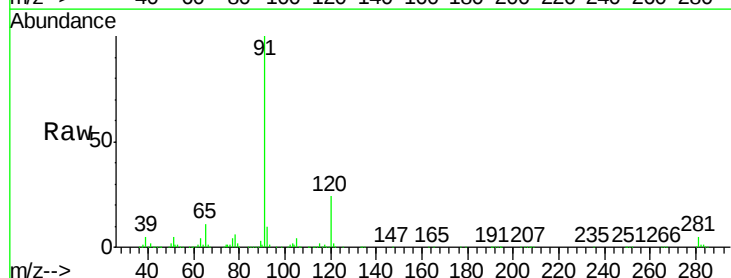
Acq: 23 Apr 2018 12:55

Tgt Ion: 91 Resp: 287594

Ion Ratio Lower Upper

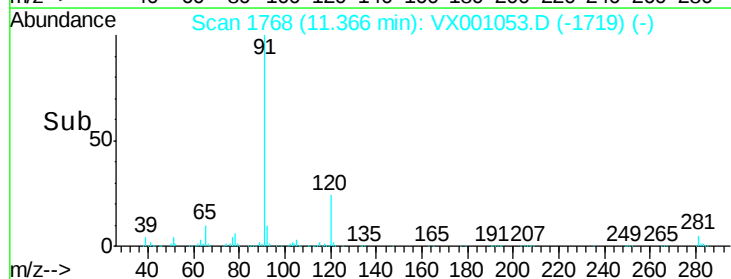
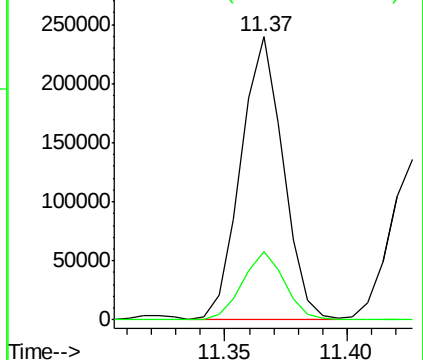
91 100

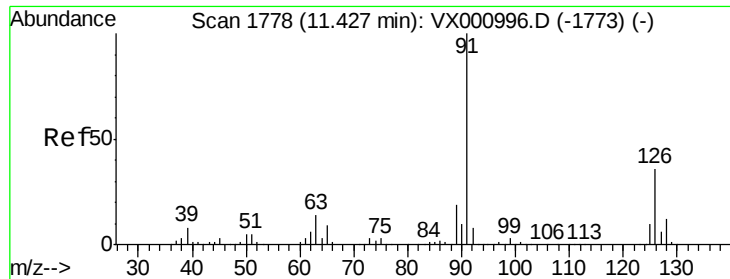
120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.08 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampled :

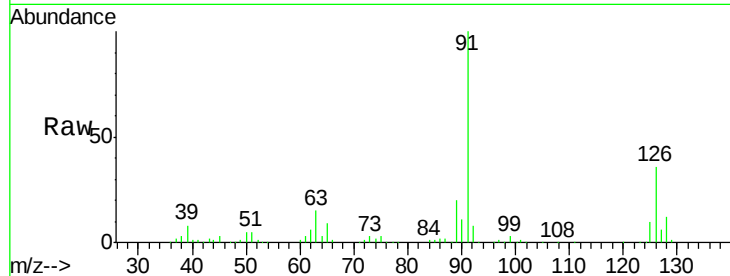
VX0423MBS01

Tgt Ion: 91 Resp: 168073

Ion Ratio Lower Upper

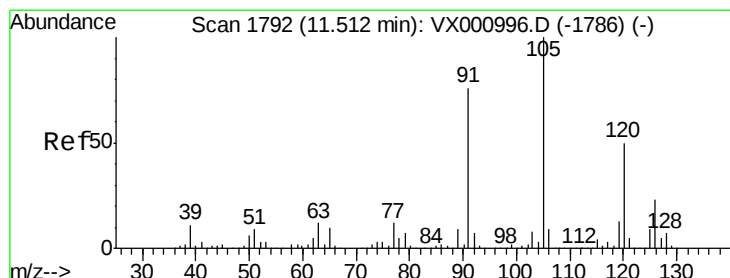
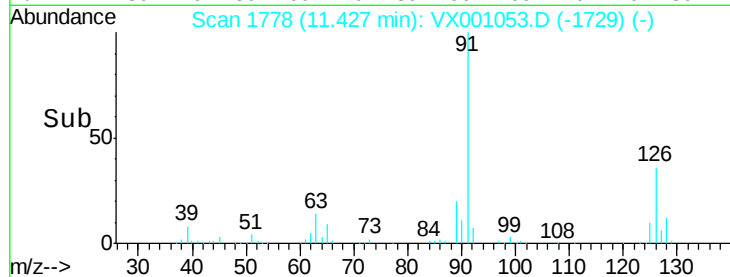
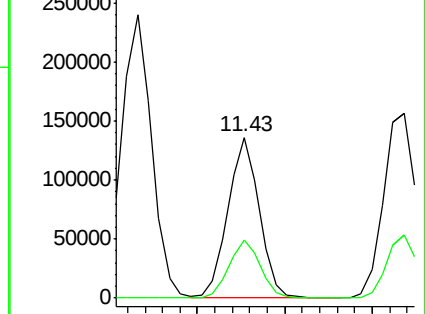
91 100

126 36.5 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001053.D

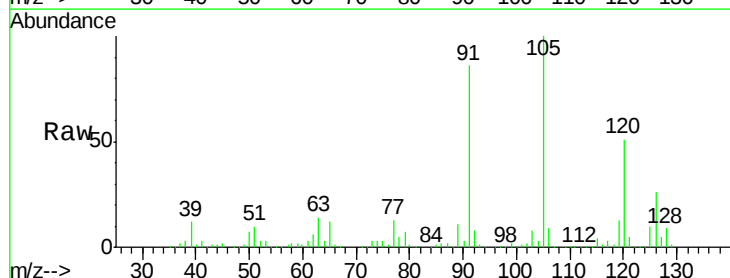
Acq: 23 Apr 2018 12:55

Tgt Ion: 105 Resp: 212545

Ion Ratio Lower Upper

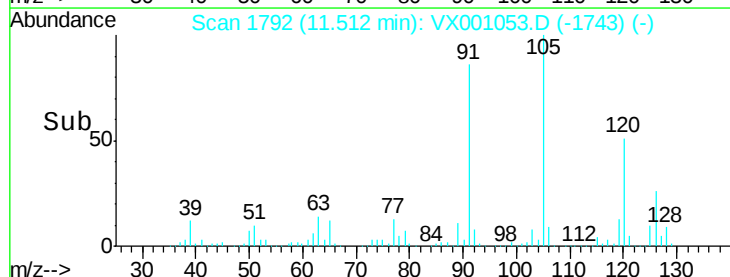
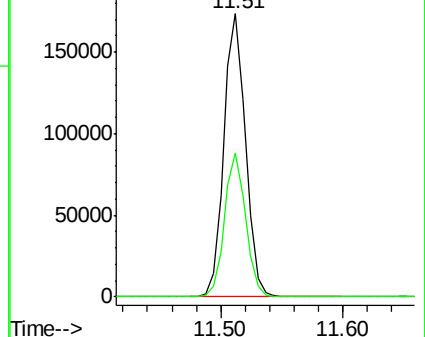
105 100

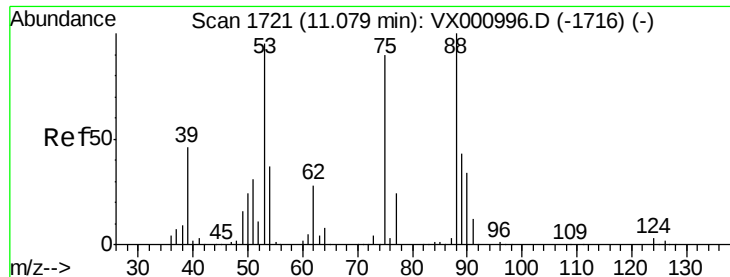
120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.45 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

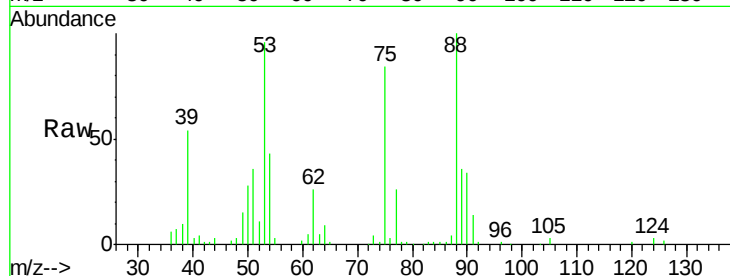
Tgt Ion: 75 Resp: 18255

Ion Ratio Lower Upper

75 100

53 115.8 83.4 125.2

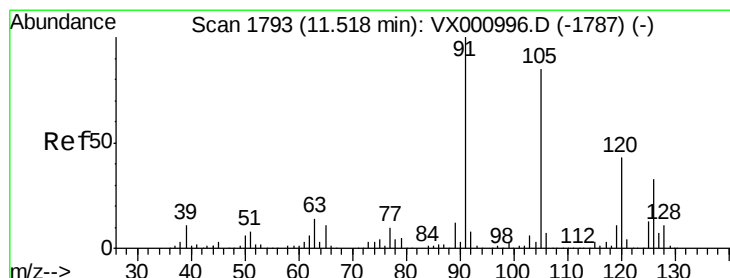
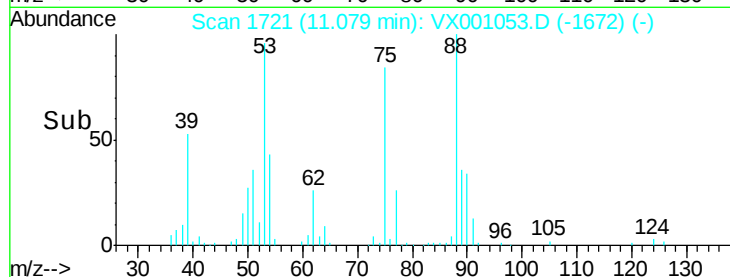
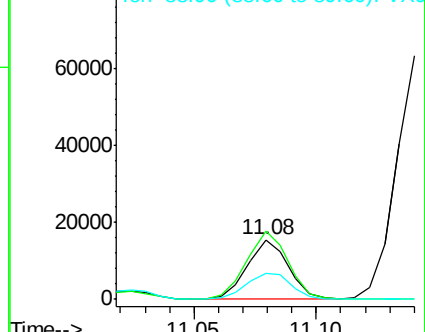
89 48.1 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.20 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001053.D

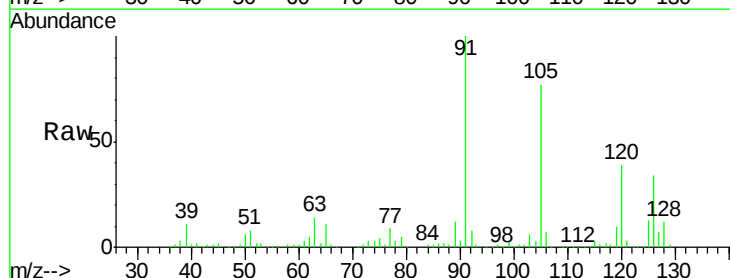
Acq: 23 Apr 2018 12:55

Tgt Ion: 91 Resp: 204339

Ion Ratio Lower Upper

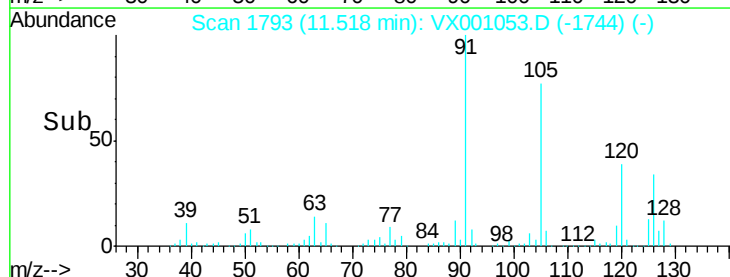
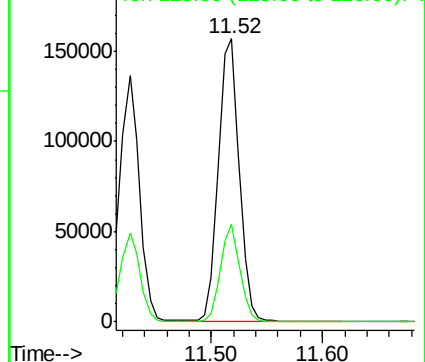
91 100

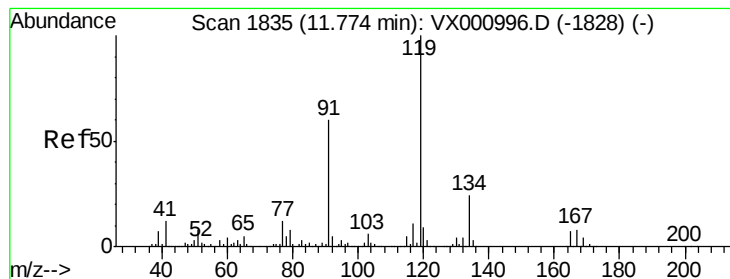
126 31.9 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.04 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

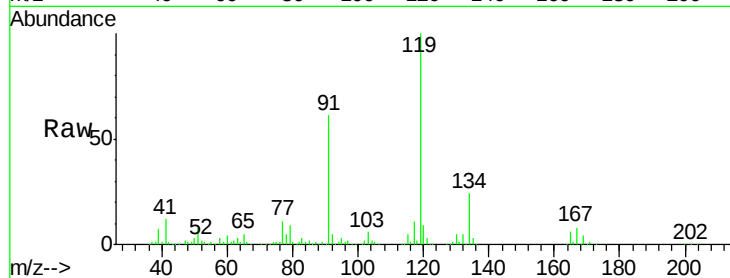
Tgt Ion:119 Resp: 211407

Ion Ratio Lower Upper

119 100

91 57.1 27.0 81.0

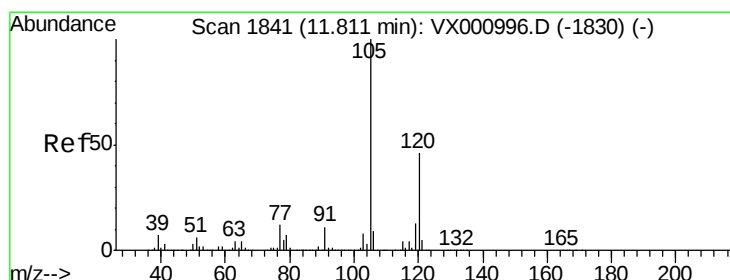
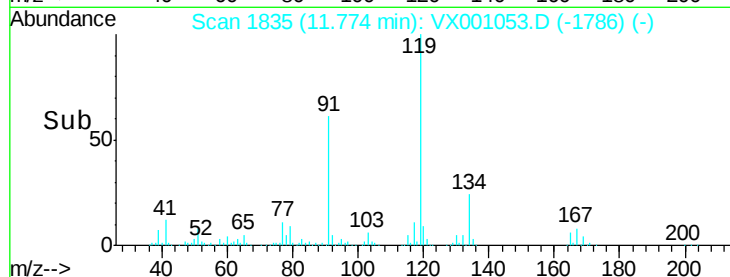
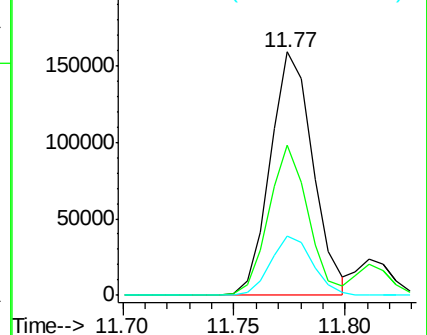
134 23.9 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.55 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001053.D

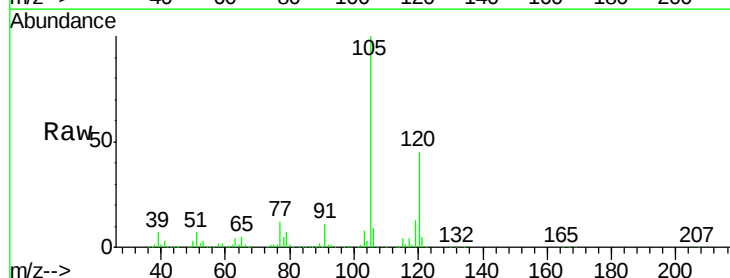
Acq: 23 Apr 2018 12:55

Tgt Ion:105 Resp: 221419

Ion Ratio Lower Upper

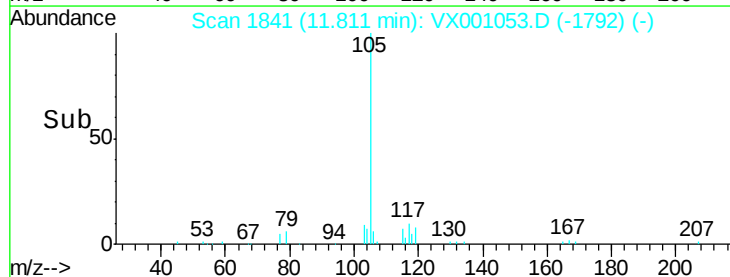
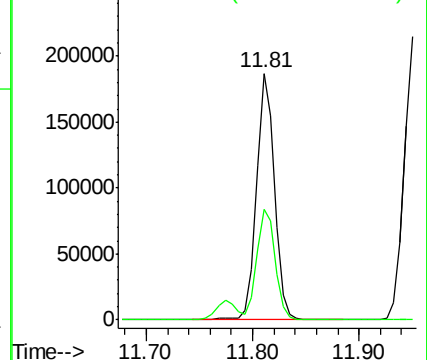
105 100

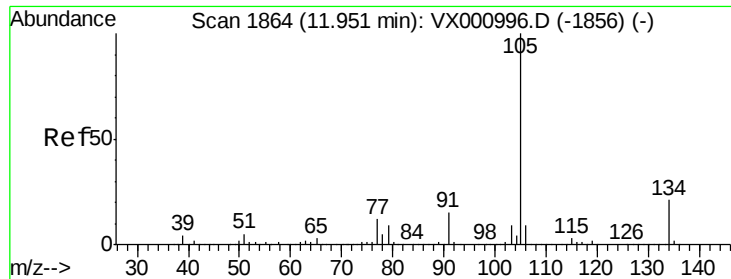
120 45.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

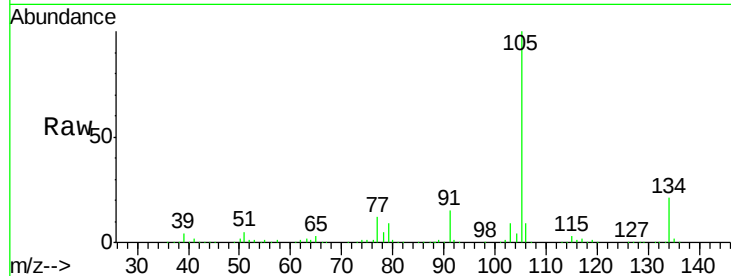




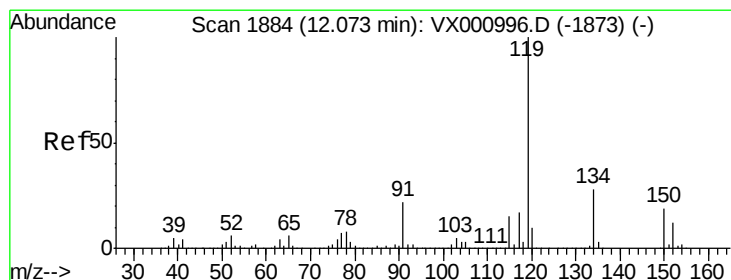
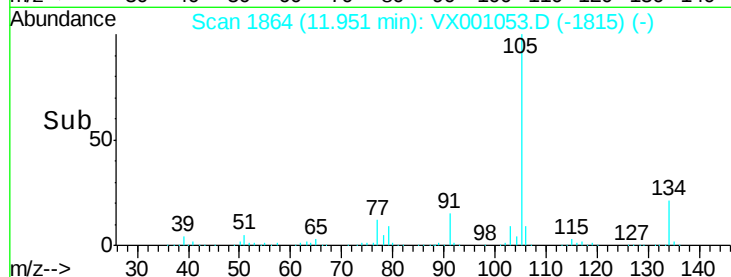
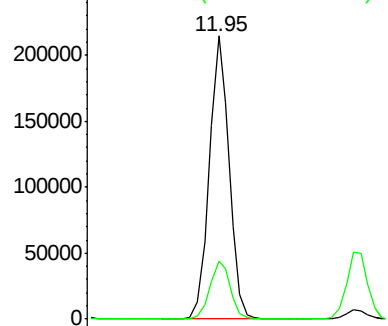
#85
 sec-Butylbenzene
 Concen: 19.17 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tgt Ion:105 Resp: 253982
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6

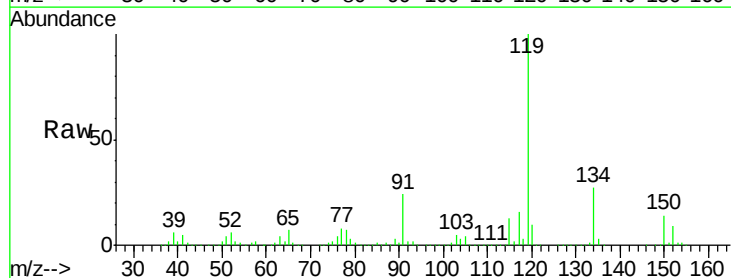


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

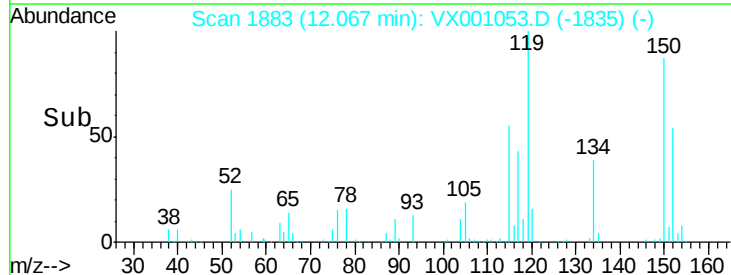
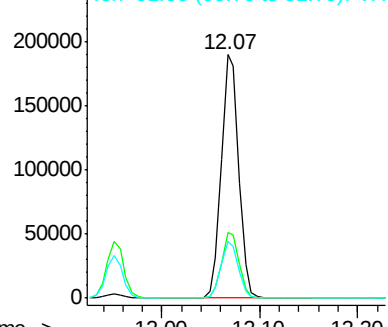


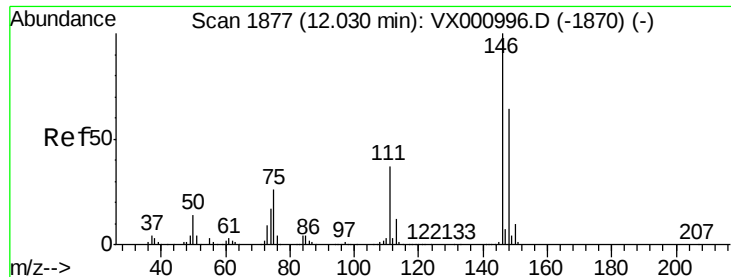
#86
 p-Isopropyltoluene
 Concen: 19.06 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion:119 Resp: 233686
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 23.4 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.23 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampled :

VX0423MBS01

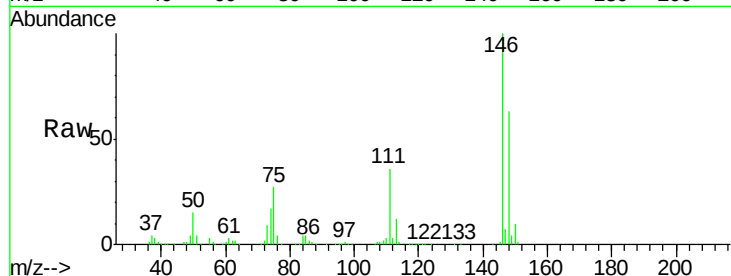
Tgt Ion:146 Resp: 135628

Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.8

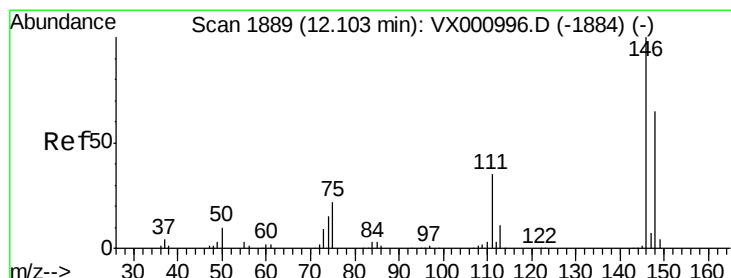
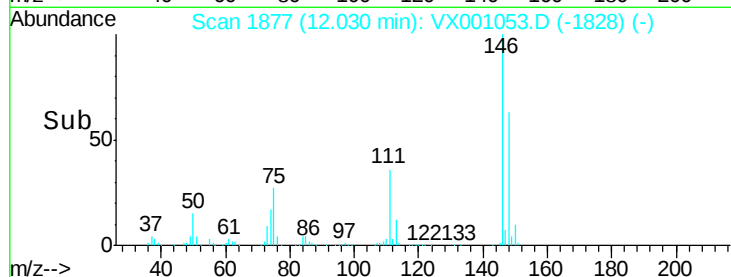
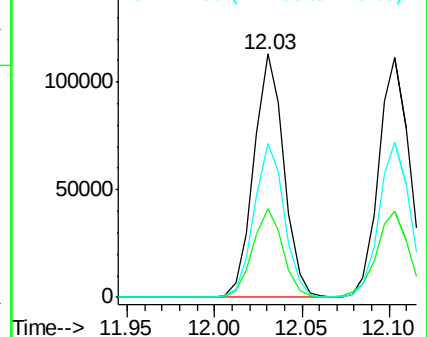
148 63.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.88 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

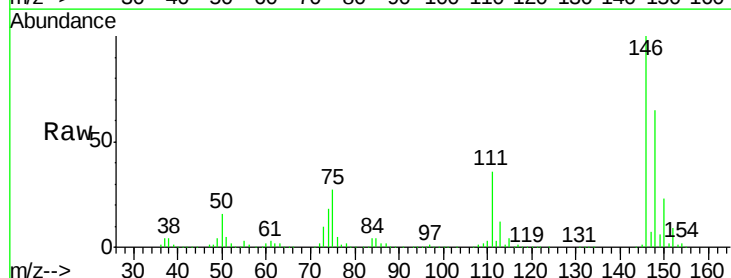
Tgt Ion:146 Resp: 136730

Ion Ratio Lower Upper

146 100

111 37.5 18.0 54.0

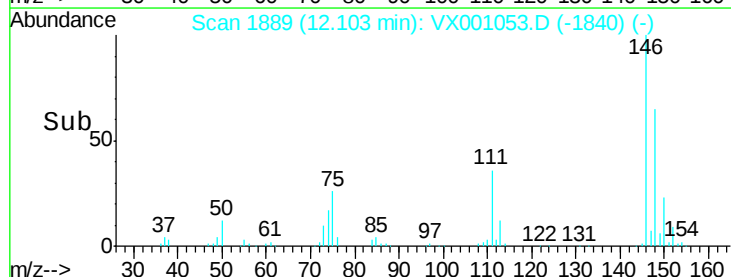
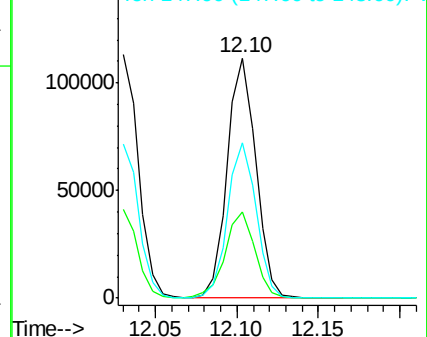
148 64.6 32.4 97.0

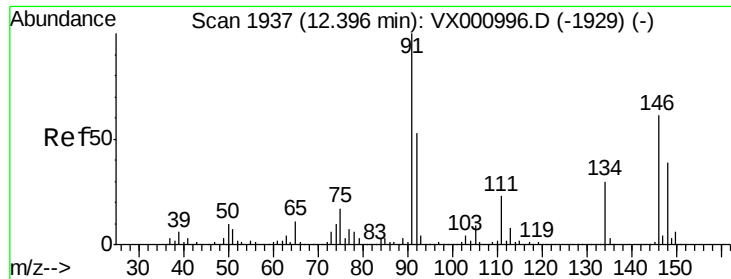


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.98 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

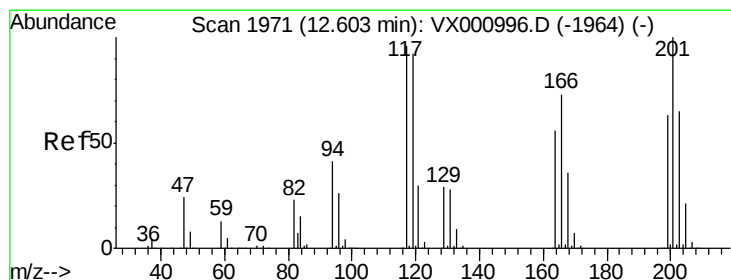
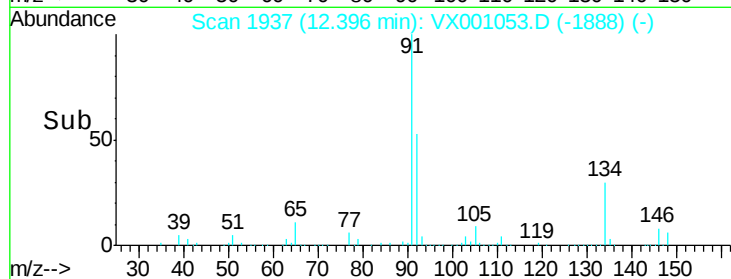
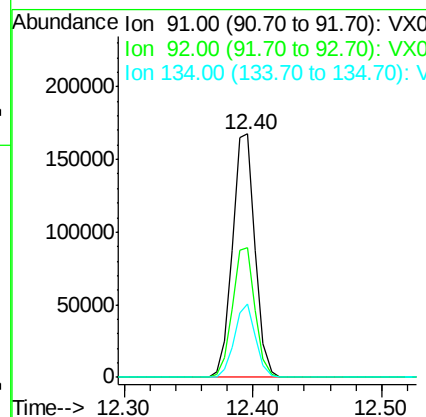
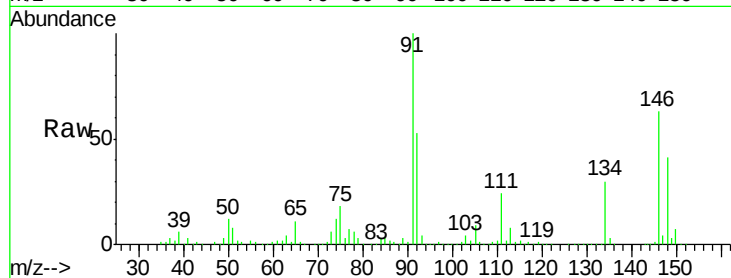
Tgt Ion: 91 Resp: 207061

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 28.4 14.4 43.0



#90

Hexachloroethane

Concen: 18.93 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001053.D

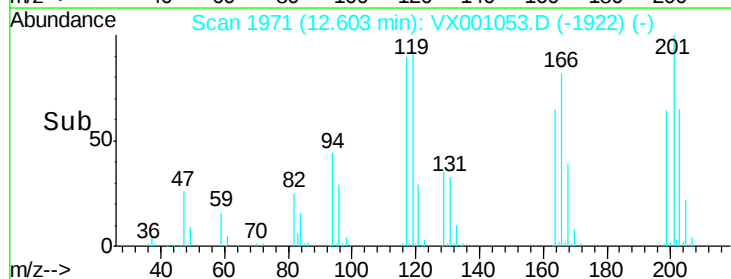
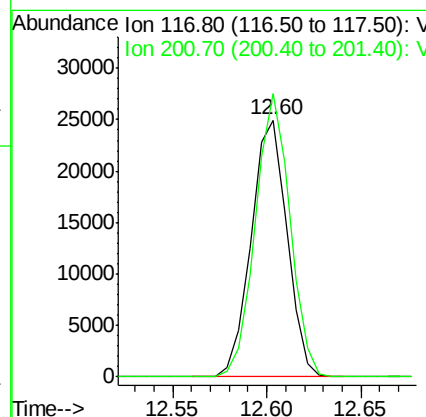
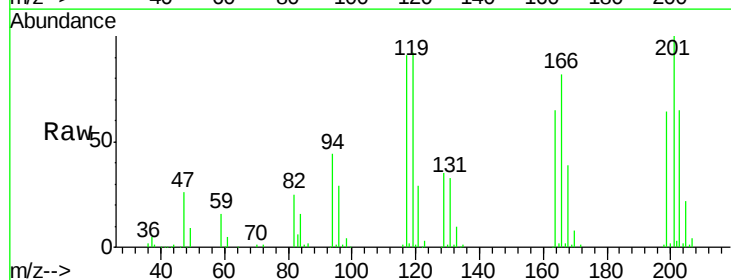
Acq: 23 Apr 2018 12:55

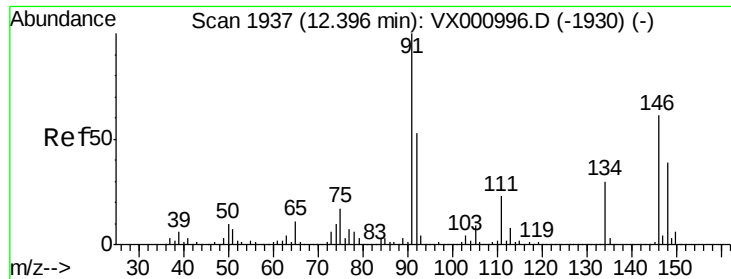
Tgt Ion: 117 Resp: 32879

Ion Ratio Lower Upper

117 100

201 106.1 52.3 157.1

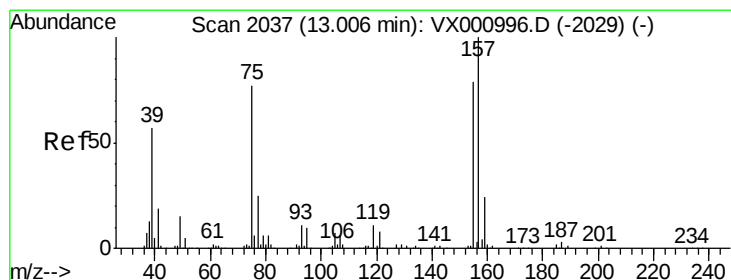
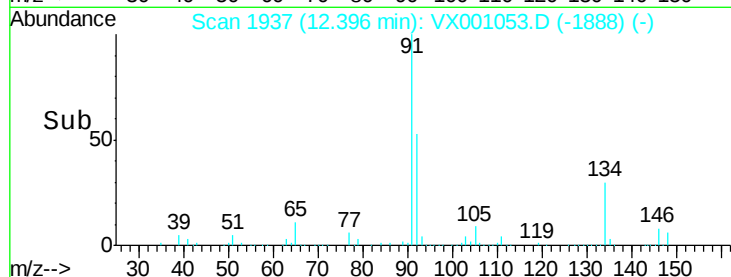
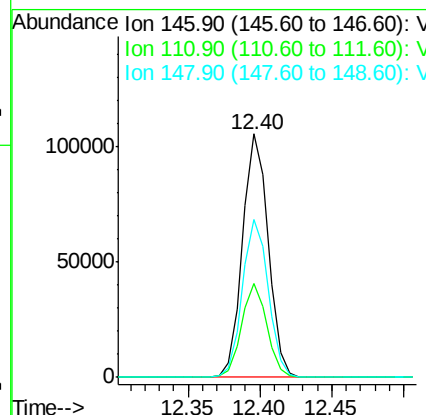
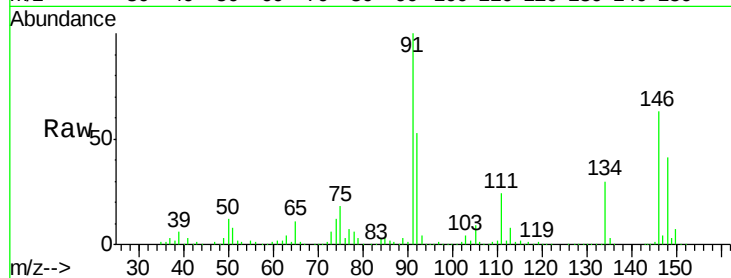




#91
 1,2-Dichlorobenzene
 Concen: 19.19 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

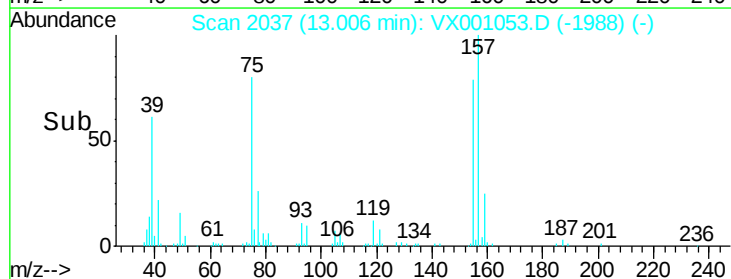
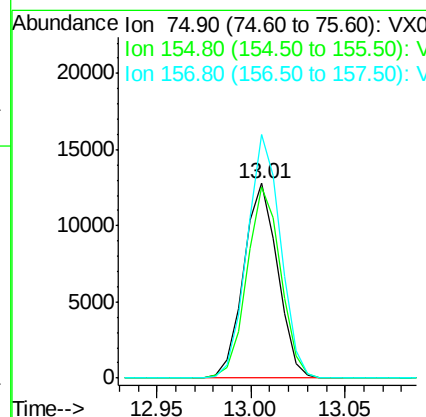
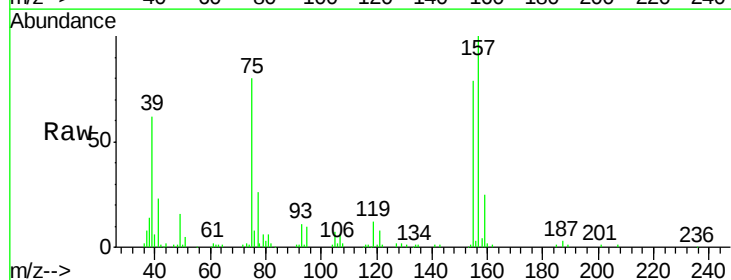
Instrument :
 MSVOA_X
 ClientSampled :
 VX0423MBS01

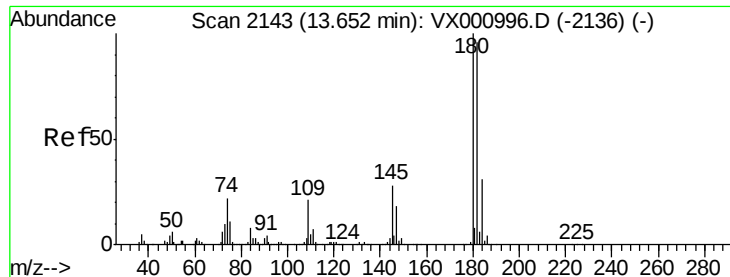
Tgt Ion: 146 Resp: 131026
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 56.0
 148 65.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.83 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion: 75 Resp: 16036
 Ion Ratio Lower Upper
 75 100
 155 97.0 51.0 153.0
 157 122.7 64.9 194.7

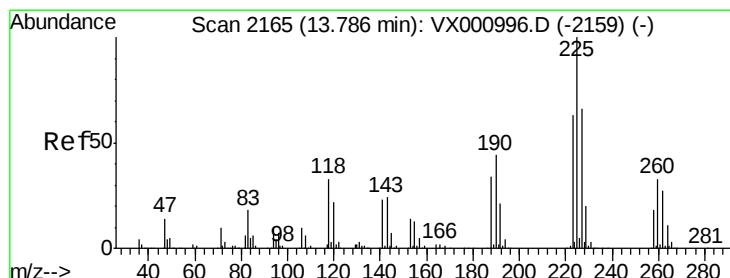
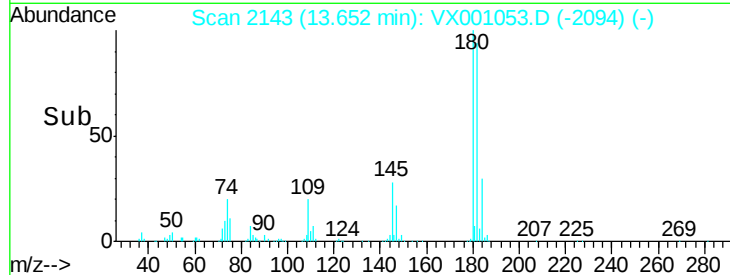
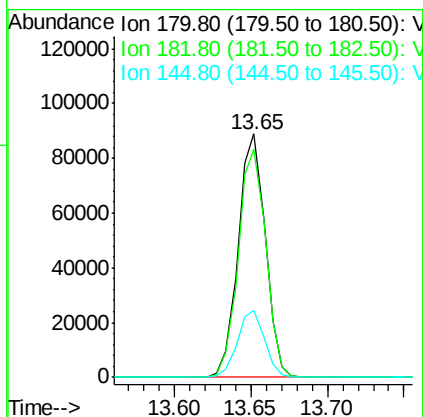
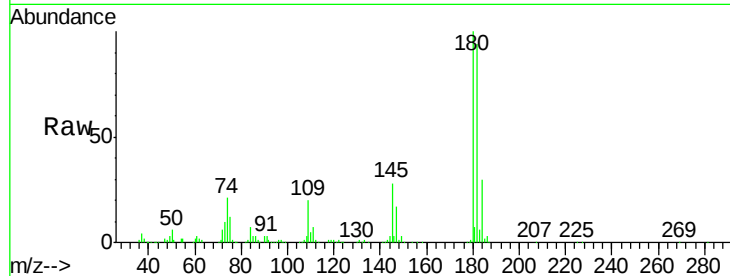




#93
 1,2,4-Trichlorobenzene
 Concen: 18.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

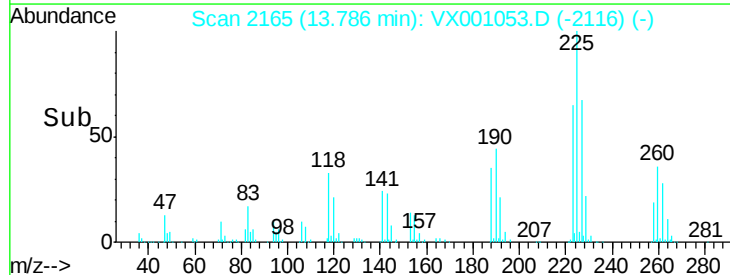
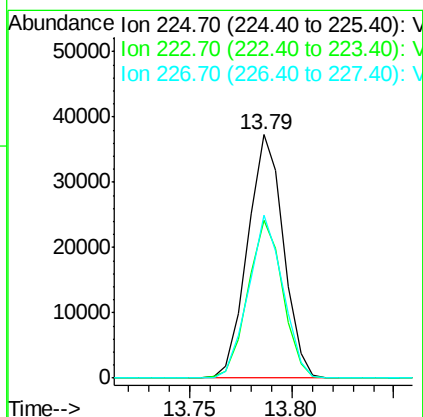
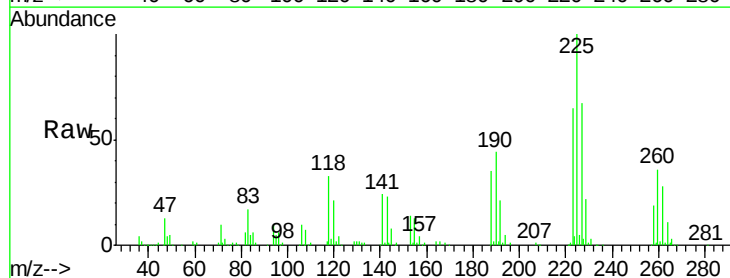
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

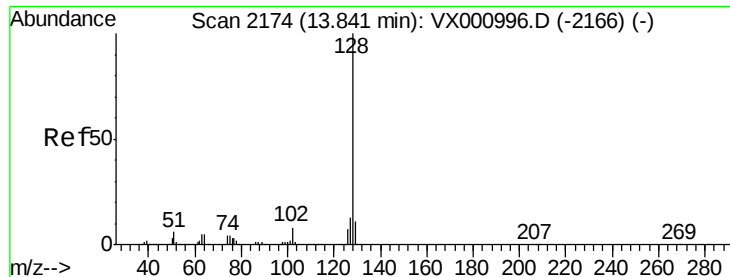
Tgt Ion:180 Resp: 108706
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.0 144.0
 145 27.4 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 17.56 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion:225 Resp: 45542
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.5 94.5
 227 64.3 32.6 97.8

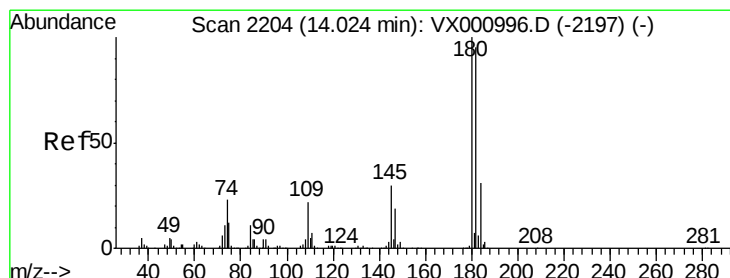
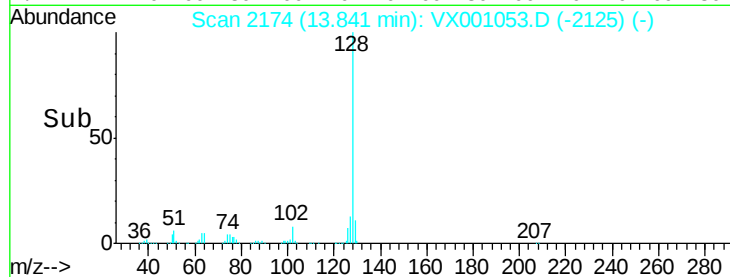
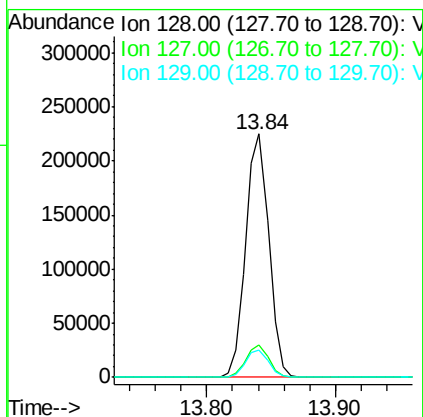
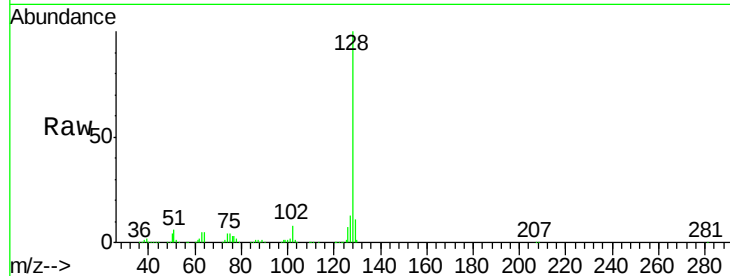




#95
Naphthalene
Concen: 19.63 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tgt Ion:128 Resp: 276768
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.87 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion:180 Resp: 104619
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.7
145 29.3 14.5 43.6

