

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
 Data File : VX001073.D
 Acq On : 23 Apr 2018 21:26
 Operator : JC/MD
 Sample : VX0423MBS01
 Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Quant Time: Apr 24 07:06:22 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	199563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	130725	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	105074	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.72	98	373577	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	152229	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52692	21.29	ug/l	98
3) Chloromethane	1.32	50	42728	18.54	ug/l	100
4) Vinyl Chloride	1.40	62	47736	19.98	ug/l	100
5) Bromomethane	1.64	94	32964	21.74	ug/l	98
6) Chloroethane	1.73	64	29372	20.69	ug/l	100
7) Trichlorofluoromethane	1.93	101	75070	20.92	ug/l	98
8) Diethyl Ether	2.19	74	27581	20.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42588	20.26	ug/l	99
10) Methyl Iodide	2.51	142	21401	16.35	ug/l	98
11) Tert butyl alcohol	3.08	59	47364	124.15	ug/l	100
12) 1,1-Dichloroethene	2.38	96	38769	19.94	ug/l	98
13) Acrolein	2.30	56	17765	153.86	ug/l	100
14) Allyl chloride	2.73	41	71333	20.27	ug/l	99
15) Acrylonitrile	3.15	53	111771	108.25	ug/l	99
16) Acetone	2.45	43	112157	117.74	ug/l	99
17) Carbon Disulfide	2.57	76	95975	17.32	ug/l	99
18) Methyl Acetate	2.78	43	71109	24.67	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	140556	21.50	ug/l	98
20) Methylene Chloride	2.86	84	45821	21.96	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	41921	19.37	ug/l	99
22) Diisopropyl ether	3.88	45	141484	20.77	ug/l	98
23) Vinyl Acetate	3.83	43	569284	100.95	ug/l	100
24) 1,1-Dichloroethane	3.70	63	78061	20.43	ug/l	99
25) 2-Butanone	4.71	43	162861	109.52	ug/l	100
26) 2,2-Dichloropropane	4.59	77	56906	17.31	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	48346	20.05	ug/l	98
28) Bromochloromethane	5.03	49	31553	21.47	ug/l	97
29) Tetrahydrofuran	5.18	42	101611	108.13	ug/l	100
30) Chloroform	5.23	83	81349	20.56	ug/l	99
31) Cyclohexane	5.58	56	67863	19.03	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	72433	20.42	ug/l	99
36) 1,1-Dichloropropene	5.81	75	59779	18.69	ug/l	98
37) Ethyl Acetate	4.87	43	61651	21.02	ug/l	100
38) Carbon Tetrachloride	5.79	117	61398	18.96	ug/l	99

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 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	68859	18.50	ug/l	96
40) Benzene	6.15	78	176594	19.86	ug/l	100
41) Methacrylonitrile	5.07	41	37211	20.32	ug/l	98
42) 1,2-Dichloroethane	6.21	62	69877	20.48	ug/l	99
43) Isopropyl Acetate	6.48	43	102629	20.39	ug/l	99
44) Trichloroethene	7.22	130	52222	19.23	ug/l	97
45) 1,2-Dichloropropane	7.52	63	45817	20.50	ug/l	97
46) Dibromomethane	7.67	93	31574	20.22	ug/l	99
47) Bromodichloromethane	7.91	83	57853	19.99	ug/l	97
48) Methyl methacrylate	7.79	41	55633	20.53	ug/l	98
49) 1,4-Dioxane	7.76	88	19511	489.66	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	331060	108.35	ug/l	97
52) Toluene	8.79	92	114971	19.81	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	66649	19.26	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	62218	19.07	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47592	20.64	ug/l	99
56) Ethyl methacrylate	9.19	69	68842	20.32	ug/l	98
57) 1,3-Dichloropropane	9.38	76	77707	20.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	171388	103.67	ug/l	100
59) 2-Hexanone	9.51	43	250077	106.93	ug/l	98
60) Dibromochloromethane	9.59	129	47400	19.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	49658	20.40	ug/l	100
64) Tetrachloroethene	9.34	164	56744	20.48	ug/l	99
65) Chlorobenzene	10.15	112	141041	20.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47572	19.95	ug/l	99
67) Ethyl Benzene	10.26	91	222554	19.29	ug/l	99
68) m/p-Xylenes	10.37	106	173765	38.21	ug/l	97
69) o-Xylene	10.71	106	84089	19.18	ug/l	97
70) Styrene	10.72	104	140969	19.52	ug/l	99
71) Bromoform	10.87	173	37045	18.50	ug/l #	99
73) Isopropylbenzene	11.02	105	230916	20.21	ug/l	99
74) N-amyl acetate	6.48	43	102629	21.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70093	21.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	76179	25.13	ug/l	87
77) Bromobenzene	11.26	156	65926	19.88	ug/l	98
78) n-propylbenzene	11.37	91	258344	19.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	156661	20.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	194826	20.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14559	17.02	ug/l	88
82) 4-Chlorotoluene	11.52	91	185607	19.82	ug/l	98
83) tert-Butylbenzene	11.77	119	197205	20.19	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	200561	20.12	ug/l	99
85) sec-Butylbenzene	11.95	105	231529	19.85	ug/l	99
86) p-Isopropyltoluene	12.07	119	212490	19.70	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	118995	19.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121865	19.12	ug/l	99
89) n-Butylbenzene	12.40	91	177962	18.54	ug/l	99
90) Hexachloroethane	12.60	117	29530	19.32	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	120798	20.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14603	21.55	ug/l	96

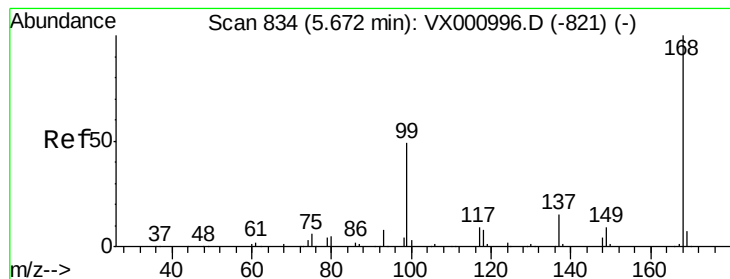
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
Data File : VX001073.D
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Instrument :
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ClientSampleId :
VX0423MBSD01

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	93725	18.58	ug/l	98
94) Hexachlorobutadiene	13.79	225	42484	18.61	ug/l	99
95) Naphthalene	13.84	128	254712	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93392	19.14	ug/l	100

(#) = 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: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

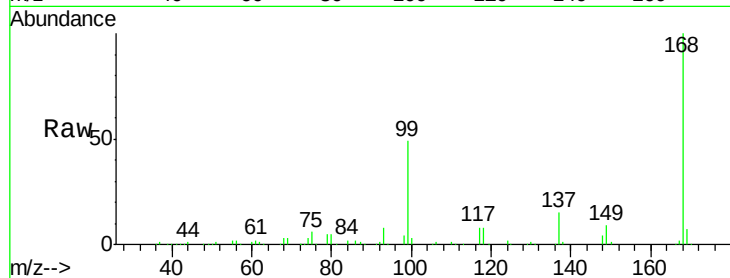
VX0423MBSD01

Tgt Ion:168 Resp: 199563

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

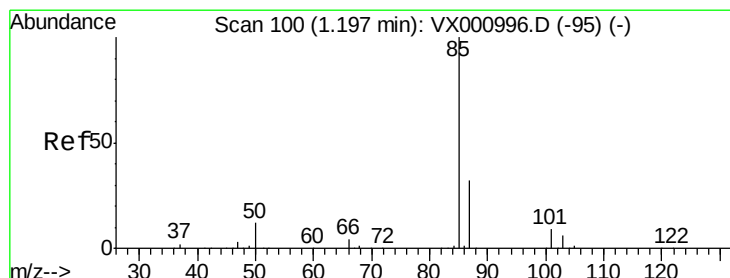
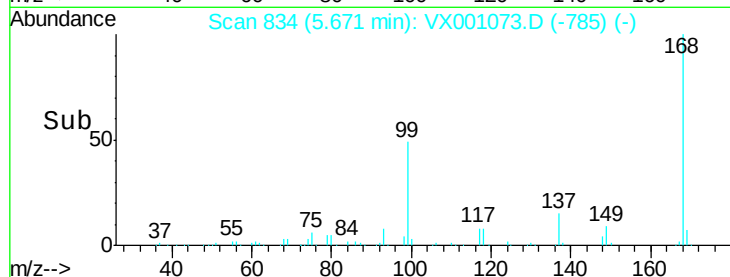
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.29 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001073.D

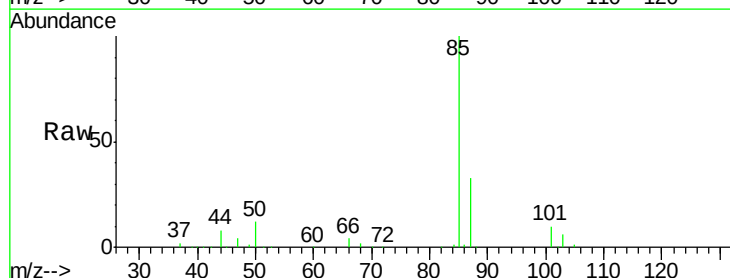
Acq: 23 Apr 2018 21:26

Tgt Ion: 85 Resp: 52692

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

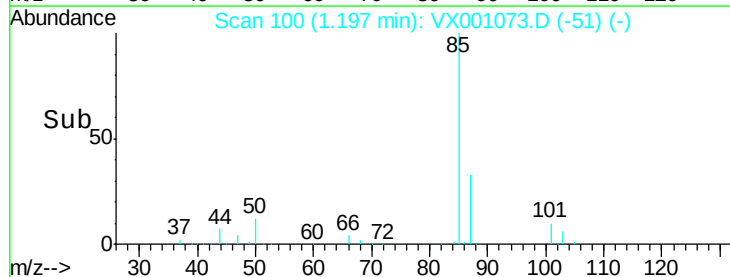
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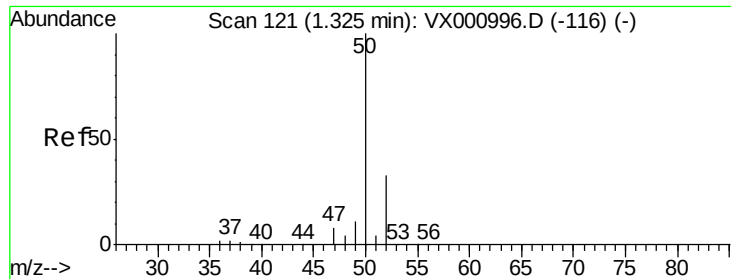
10000

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Time-->

1.15 1.20 1.25

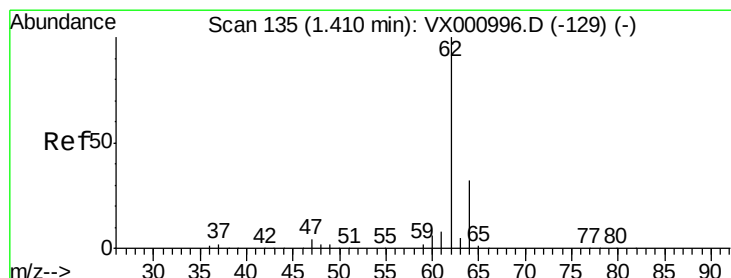
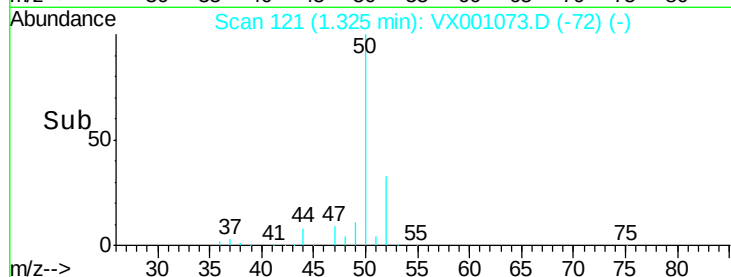
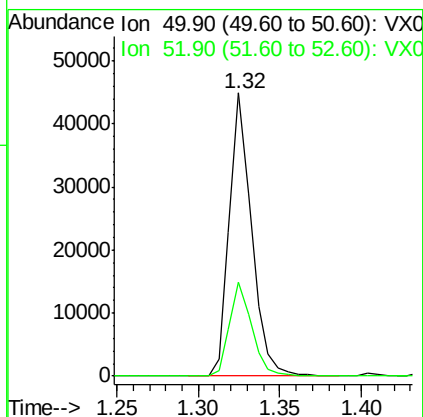
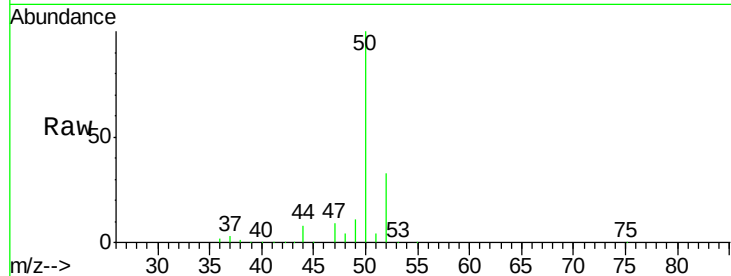




#3
Chloromethane
Concen: 18.54 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

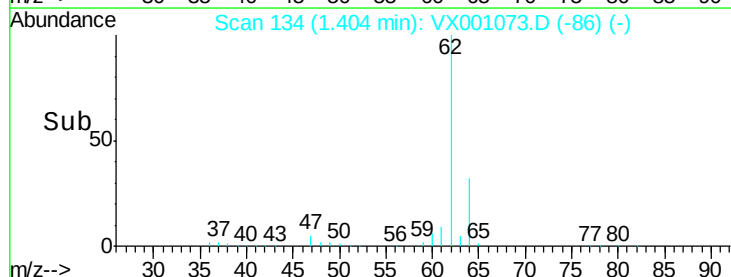
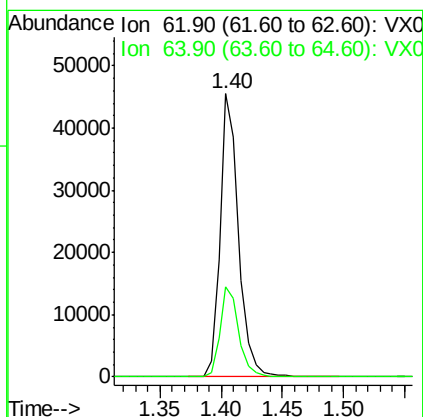
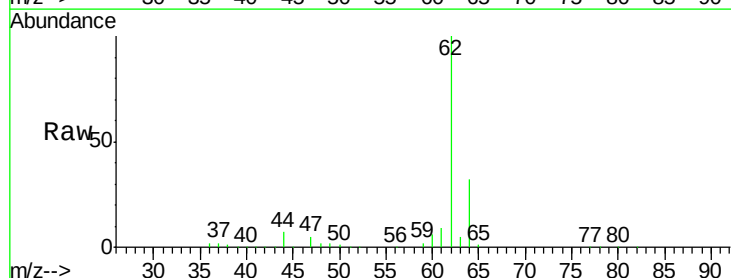
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

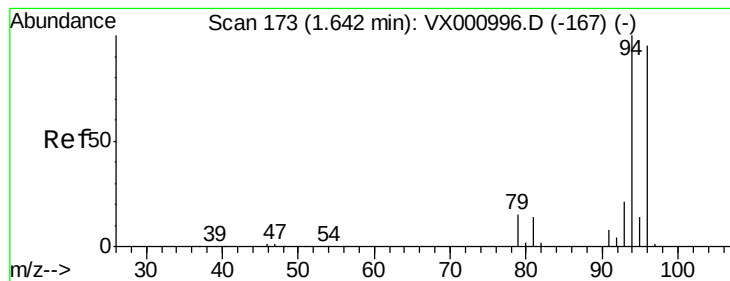
Tgt Ion: 50 Resp: 42728
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 19.98 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 62 Resp: 47736
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5

Bromomethane

Concen: 21.74 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

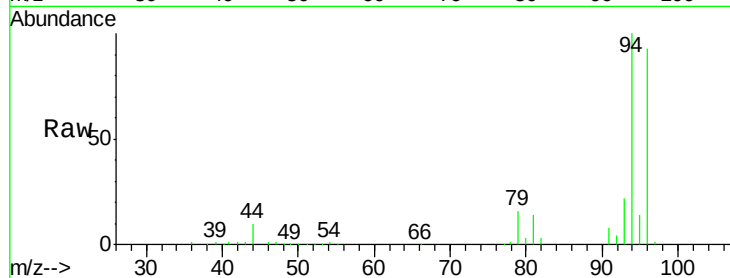
VX0423MBSD01

Tgt Ion: 94 Resp: 32964

Ion Ratio Lower Upper

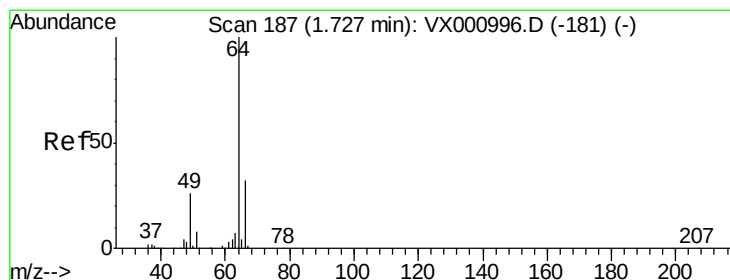
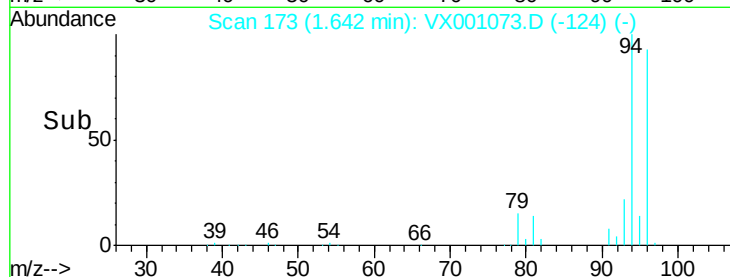
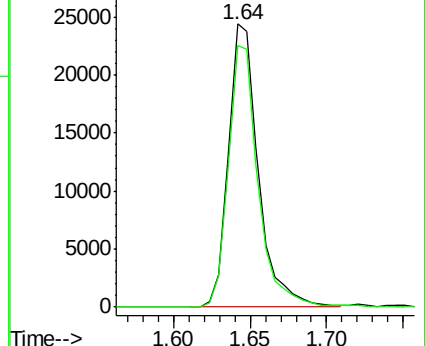
94 100

96 92.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.69 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001073.D

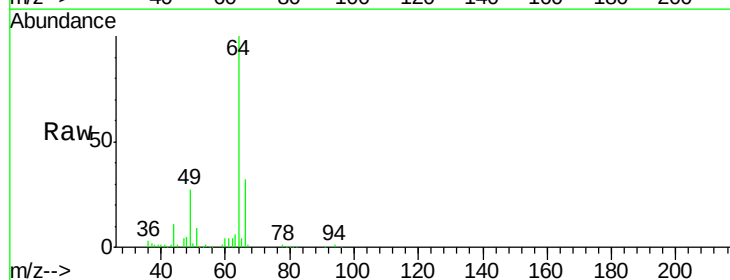
Acq: 23 Apr 2018 21:26

Tgt Ion: 64 Resp: 29372

Ion Ratio Lower Upper

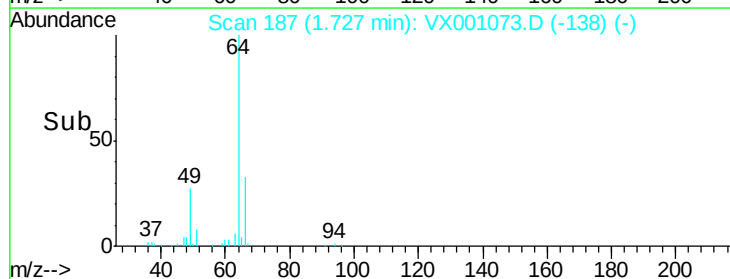
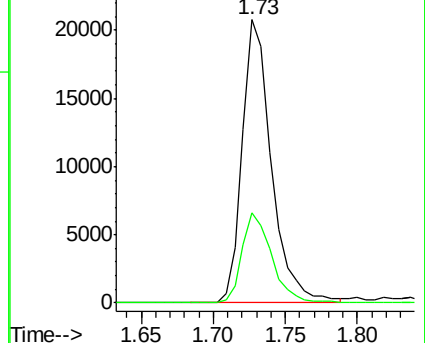
64 100

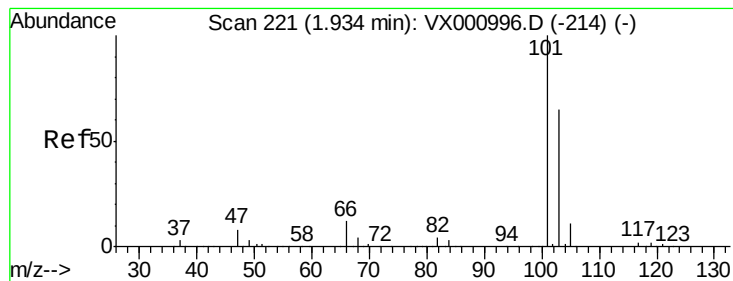
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



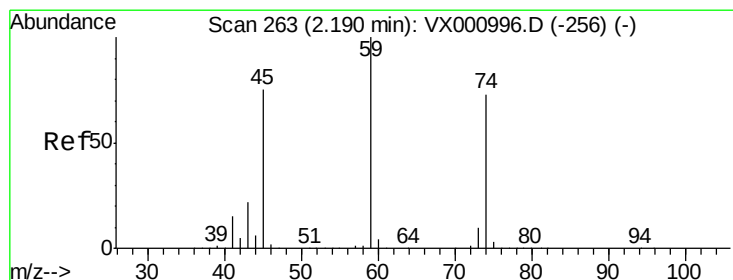
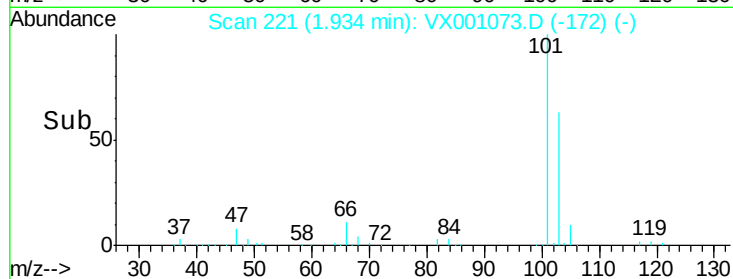
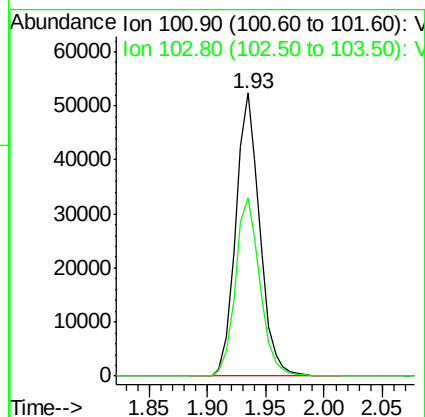
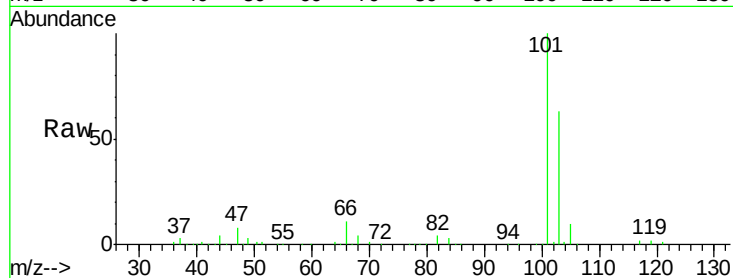


#7

Trichlorofluoromethane
 Concen: 20.92 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

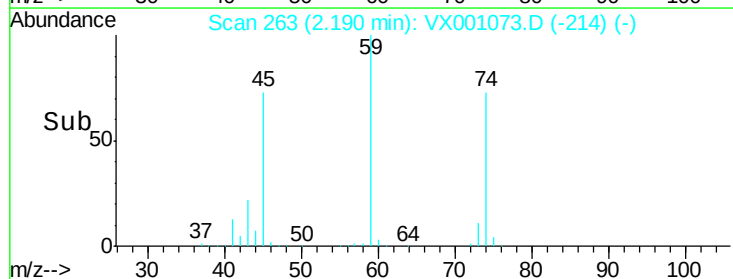
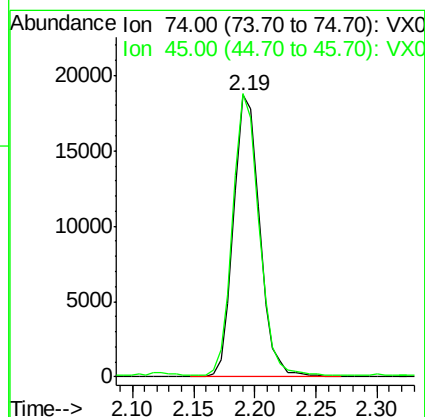
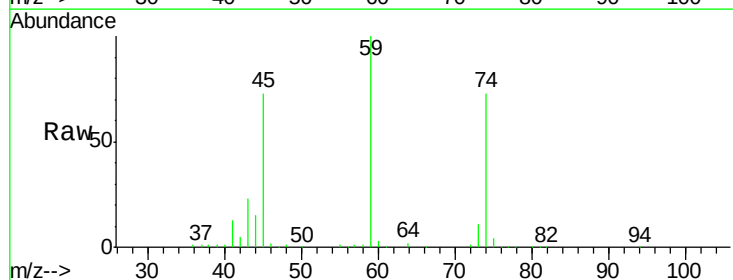
Tgt Ion: 101 Resp: 75070
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.8

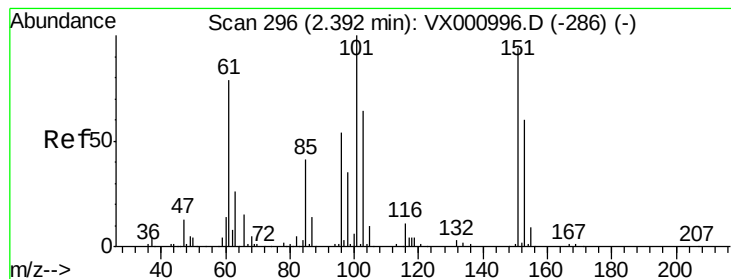


#8

Diethyl Ether
 Concen: 20.81 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 74 Resp: 27581
 Ion Ratio Lower Upper
 74 100
 45 100.4 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.26 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

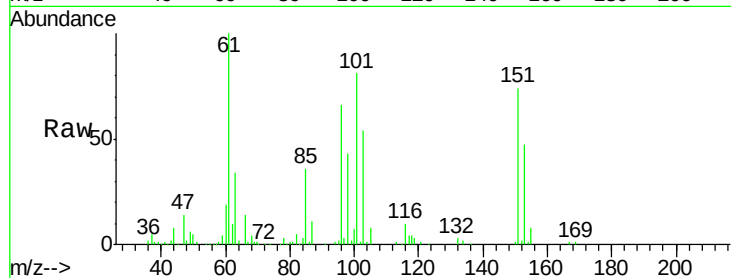
Tgt Ion:101 Resp: 42588

Ion Ratio Lower Upper

101 100

85 43.5 33.9 50.9

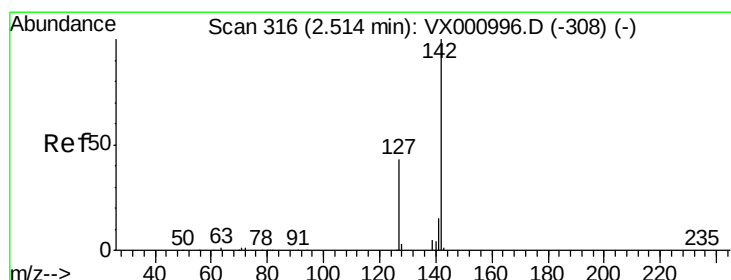
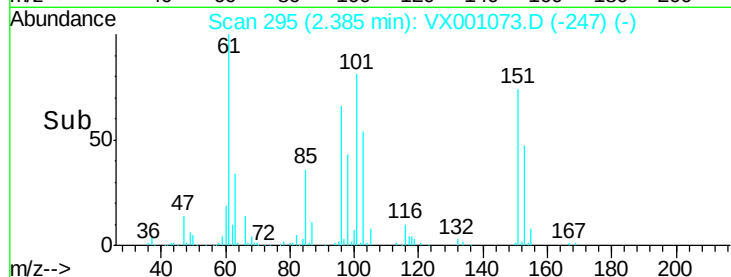
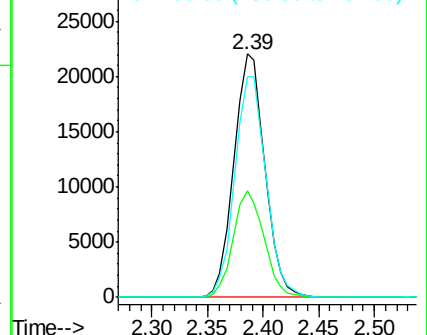
151 91.3 73.5 110.3



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: 16.35 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

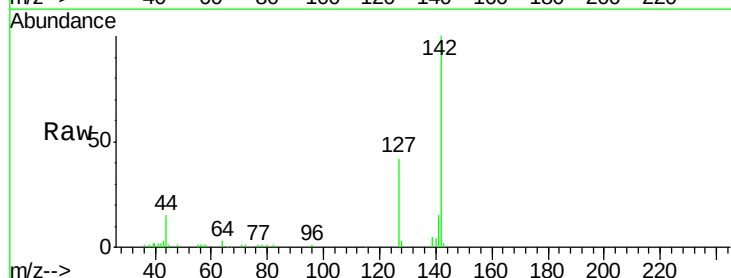
Tgt Ion:142 Resp: 21401

Ion Ratio Lower Upper

142 100

127 44.3 34.0 51.0

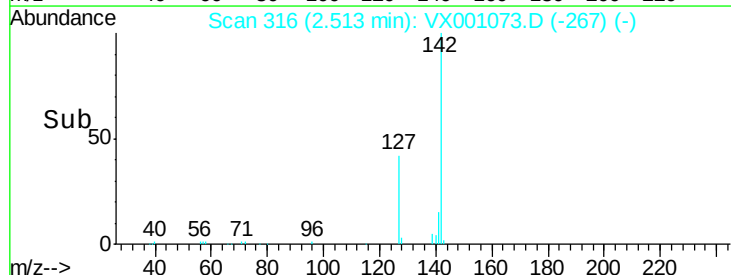
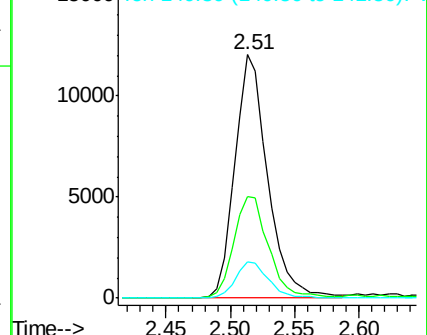
141 14.9 11.4 17.2

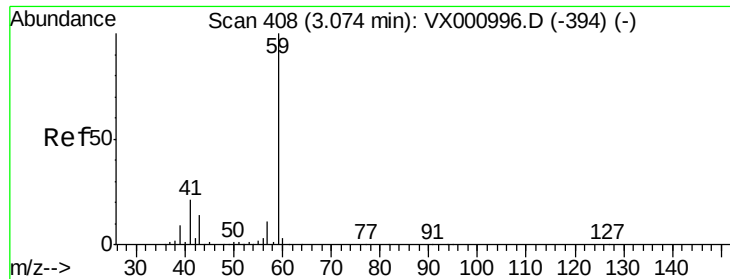


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

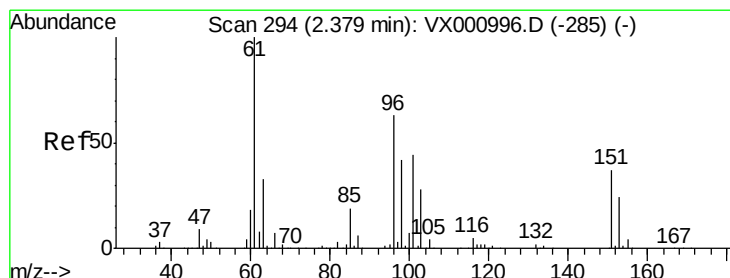
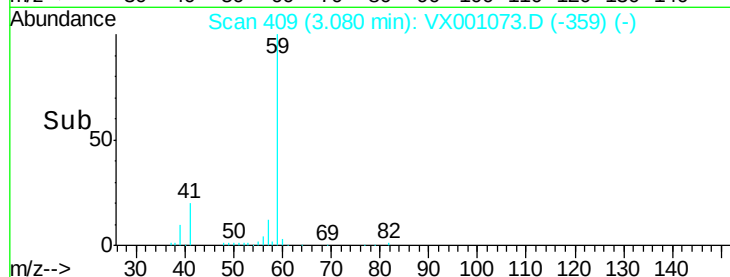
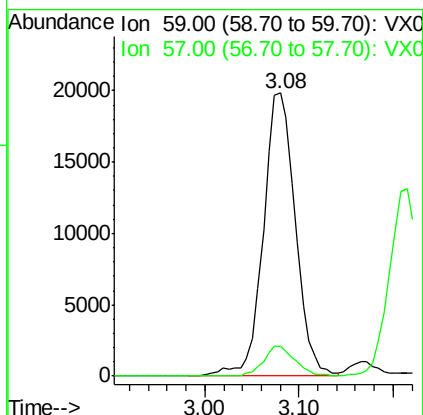
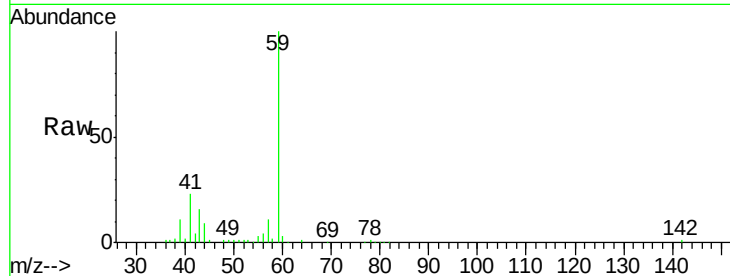




#11
Tert butyl alcohol
Concen: 124.15 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

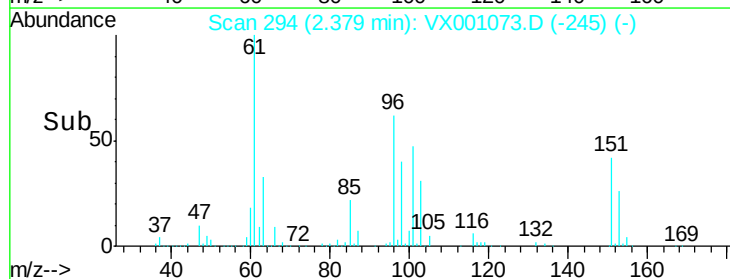
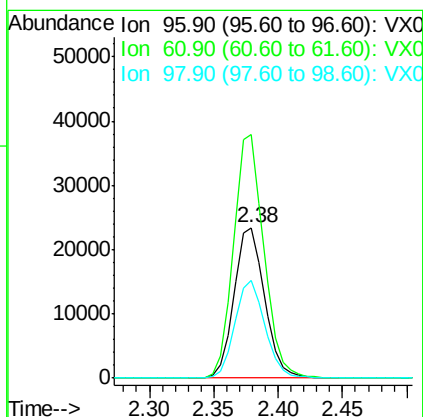
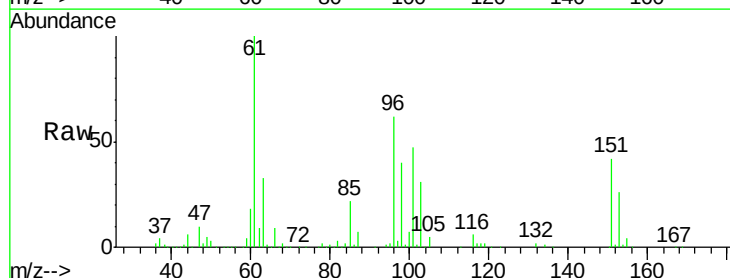
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

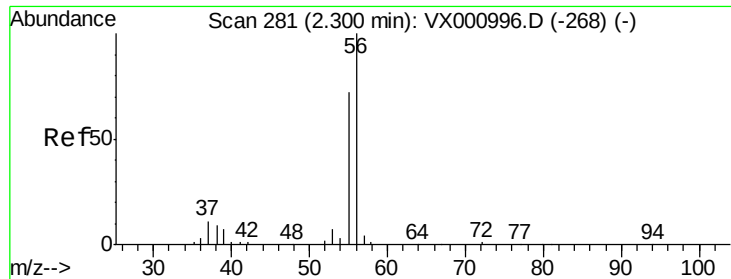
Tgt Ion: 59 Resp: 47364
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.94 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 96 Resp: 38769
Ion Ratio Lower Upper
96 100
61 161.7 126.4 189.6
98 65.2 52.6 78.8





#13

Acrolein

Concen: 153.86 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

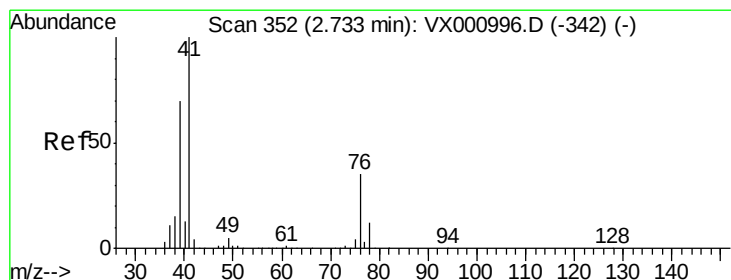
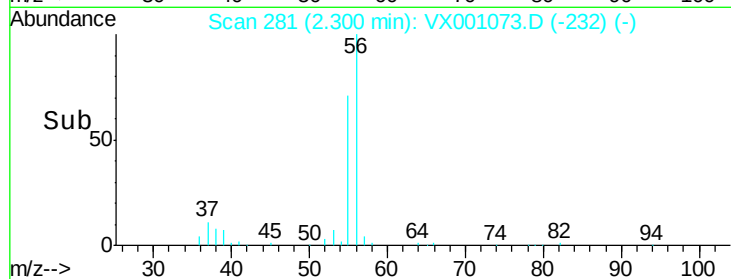
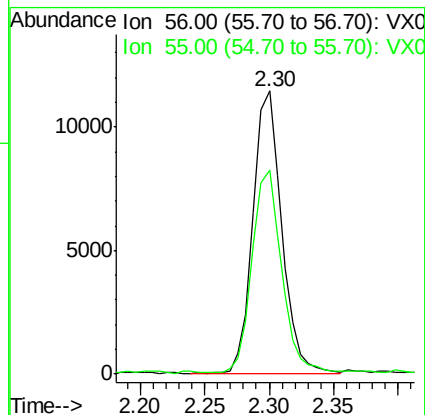
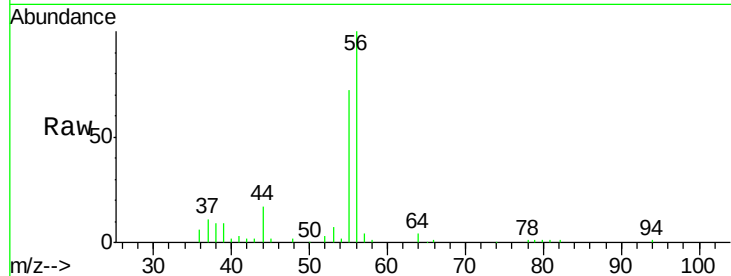
VX0423MBSD01

Tgt Ion: 56 Resp: 17765

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.2



#14

Allyl chloride

Concen: 20.27 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

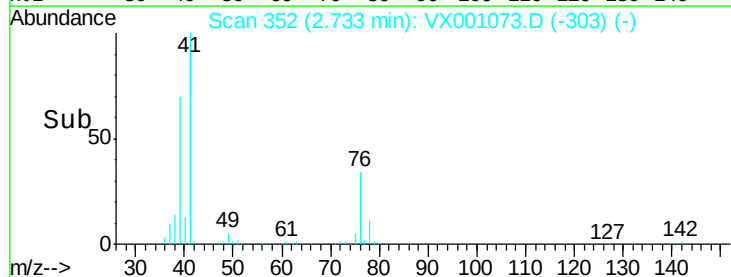
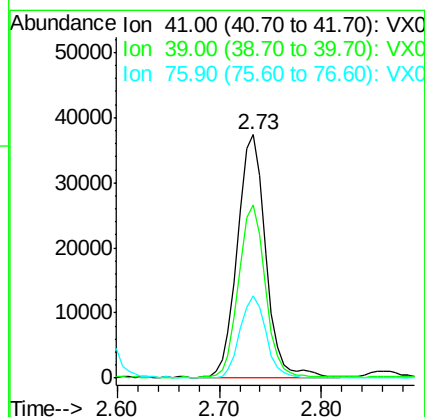
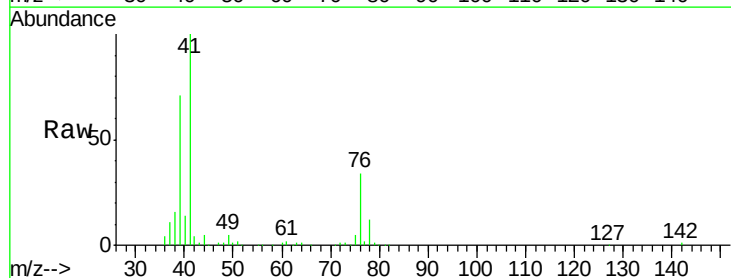
Tgt Ion: 41 Resp: 71333

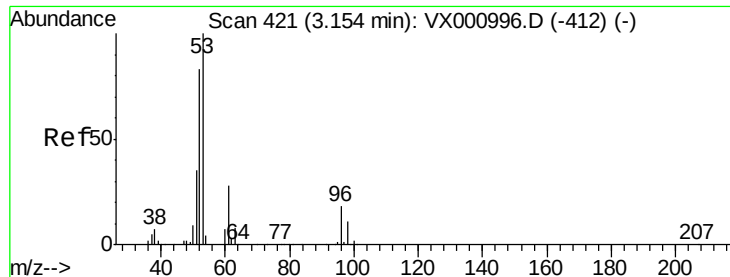
Ion Ratio Lower Upper

41 100

39 67.1 53.0 79.6

76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 108.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

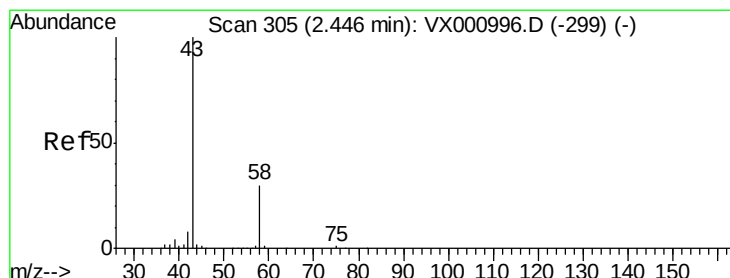
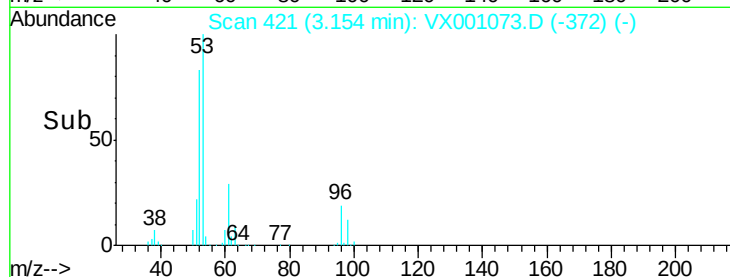
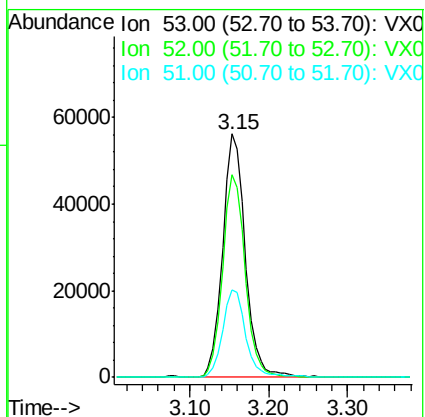
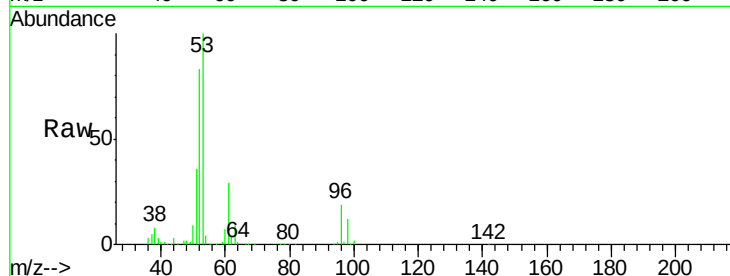
Tgt Ion: 53 Resp: 111771

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

51 37.5 29.0 43.6



#16

Acetone

Concen: 117.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001073.D

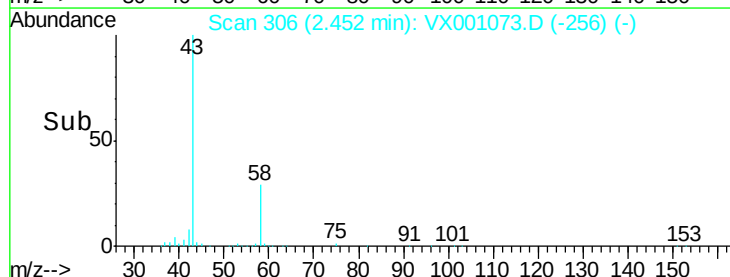
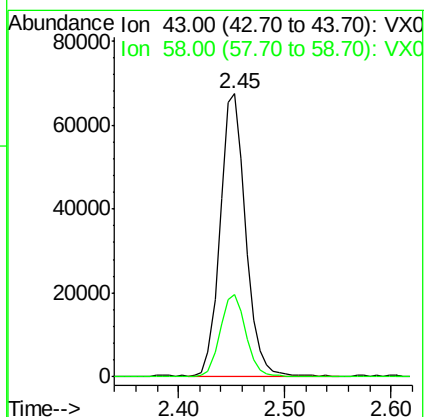
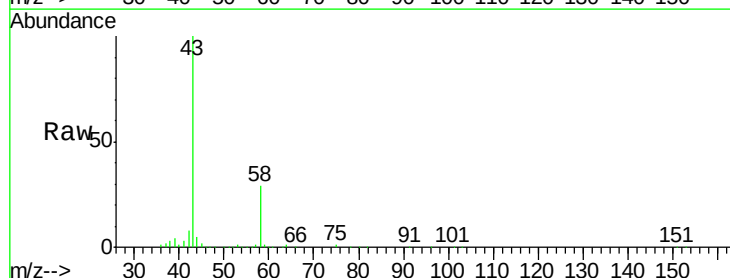
Acq: 23 Apr 2018 21:26

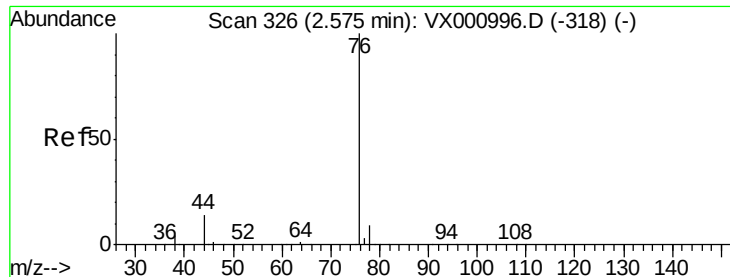
Tgt Ion: 43 Resp: 112157

Ion Ratio Lower Upper

43 100

58 29.2 23.7 35.5

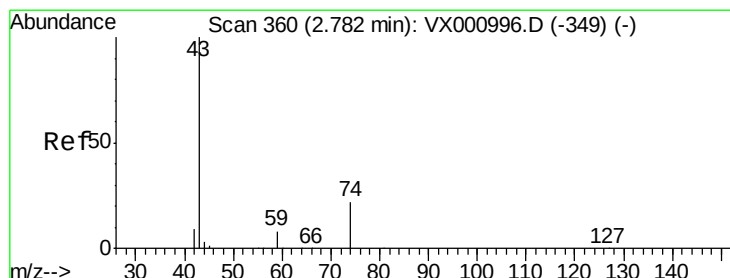
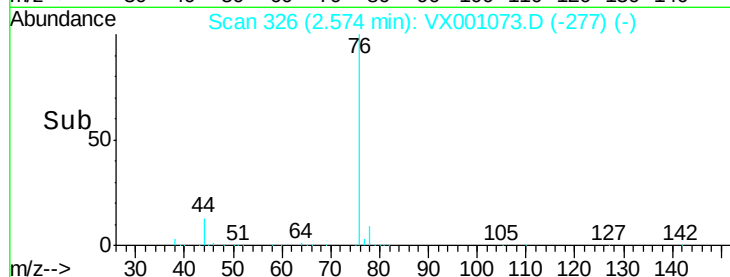
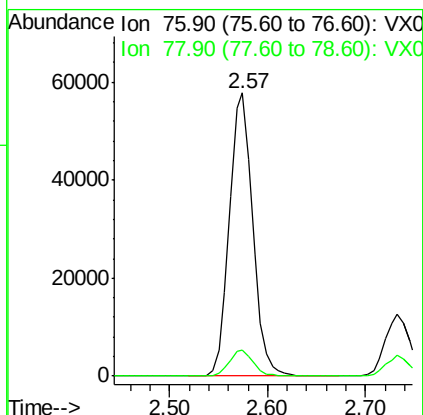
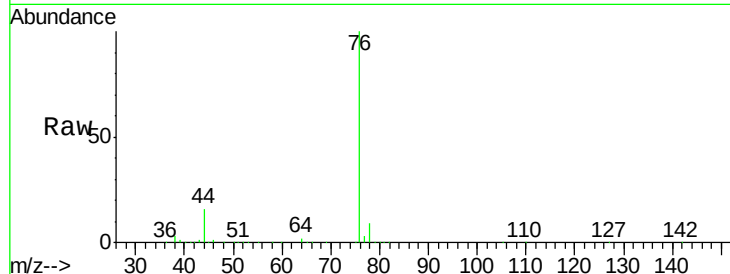




#17
Carbon Disulfide
Concen: 17.32 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

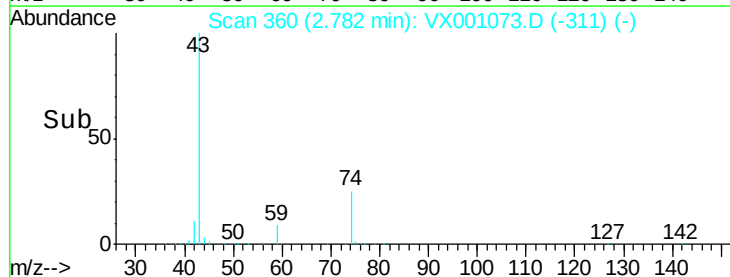
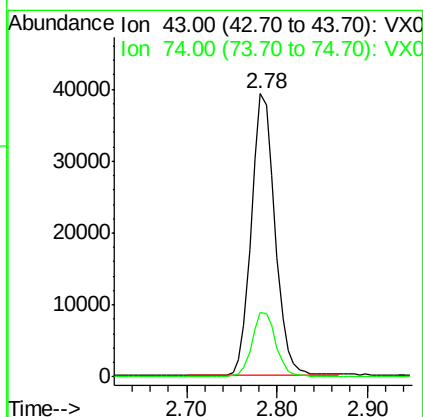
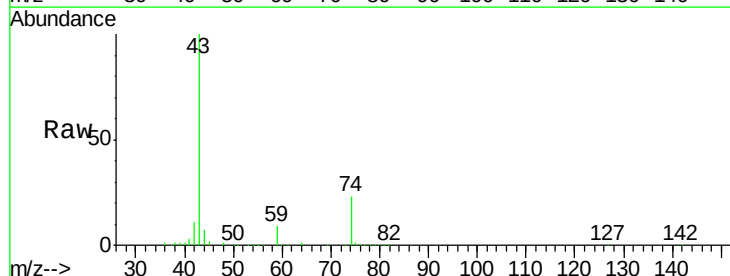
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

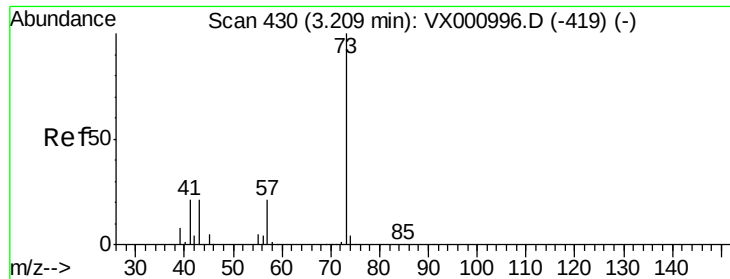
Tgt Ion: 76 Resp: 95975
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 24.67 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 43 Resp: 71109
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5

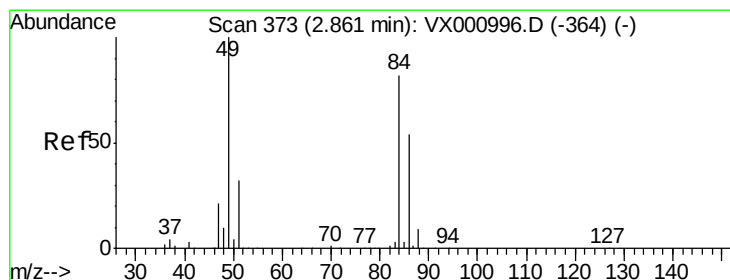
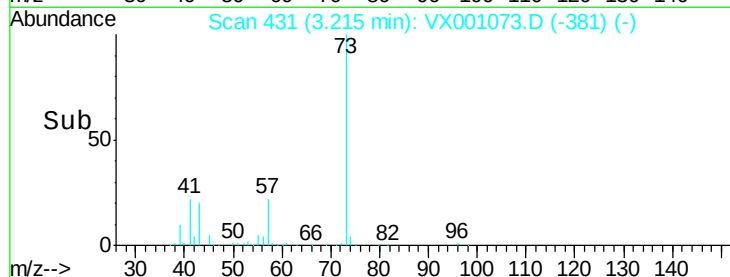
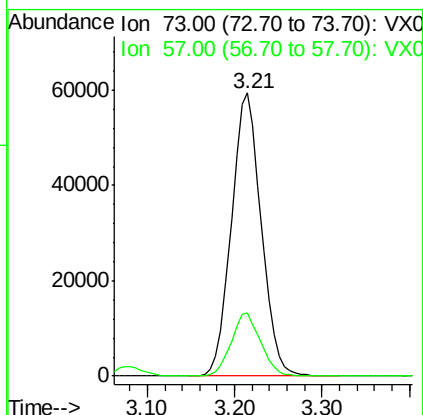
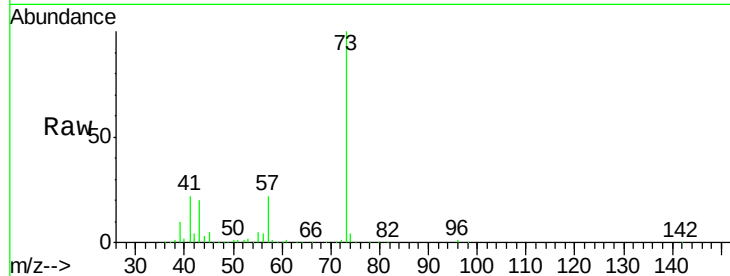




#19
Methyl tert-butyl Ether
Concen: 21.50 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

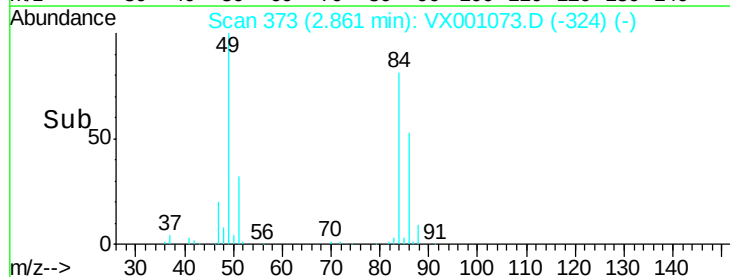
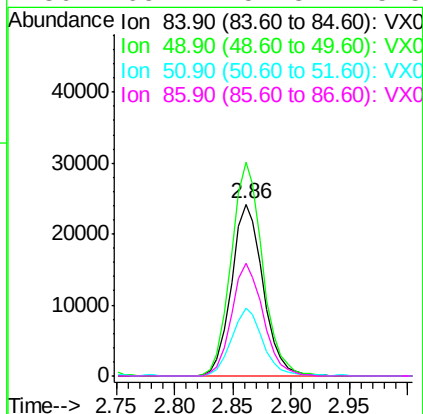
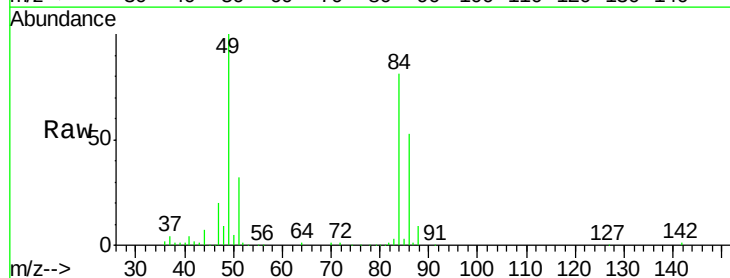
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

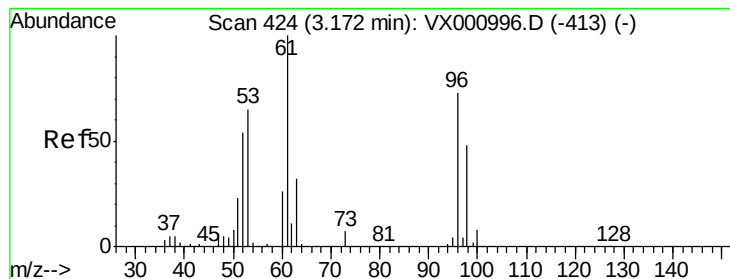
Tgt Ion: 73 Resp: 140556
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 21.96 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 84 Resp: 45821
Ion Ratio Lower Upper
84 100
49 124.2 97.1 145.7
51 39.3 30.8 46.2
86 65.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.37 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

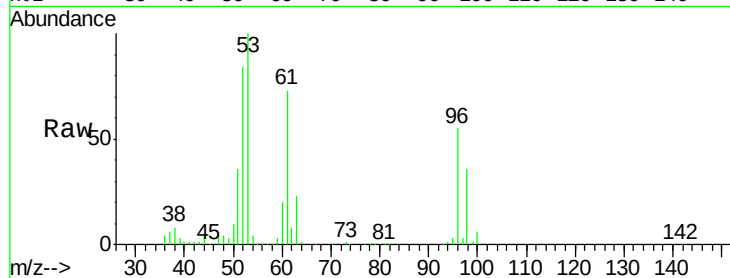
Tgt Ion: 96 Resp: 41921

Ion Ratio Lower Upper

96 100

61 134.6 109.4 164.2

98 65.2 52.6 78.8

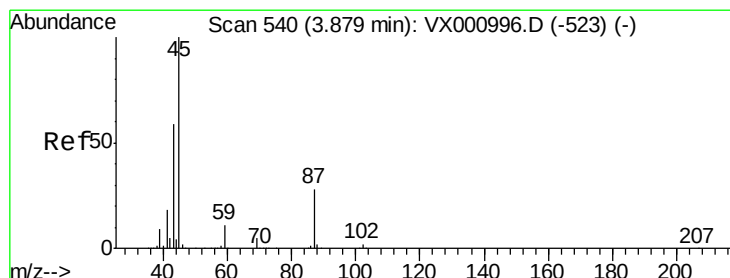
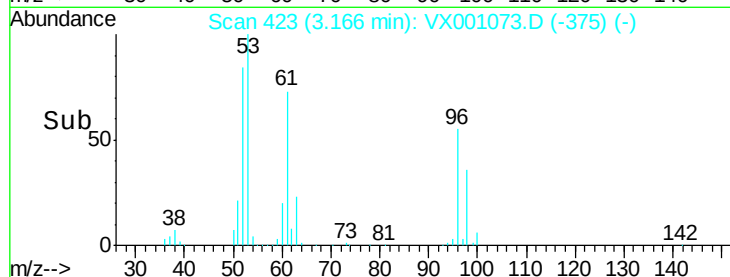
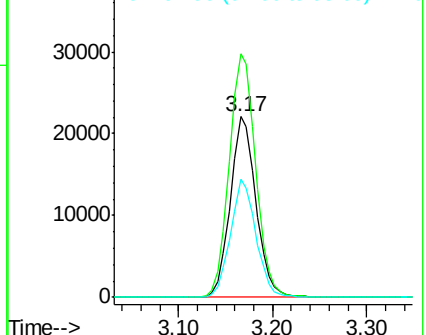


Abundance

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



#22

Diisopropyl ether

Concen: 20.77 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion: 45 Resp: 141484

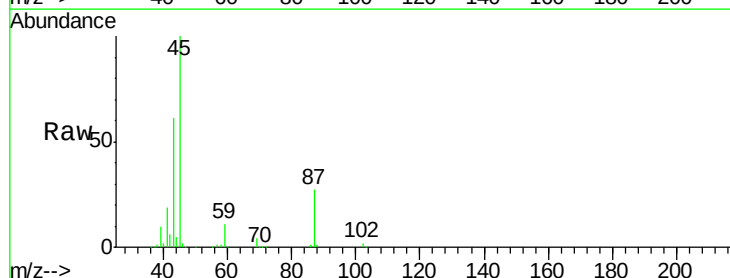
Ion Ratio Lower Upper

45 100

43 60.0 47.0 70.4

87 27.1 22.5 33.7

59 11.0 8.8 13.2



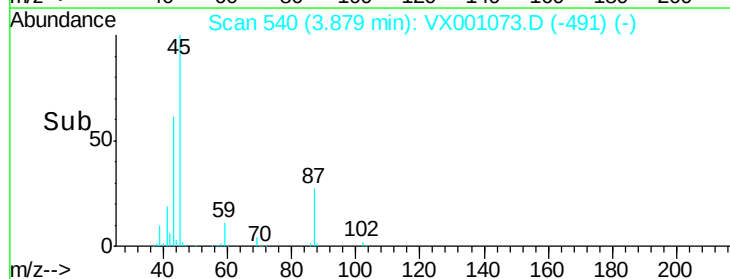
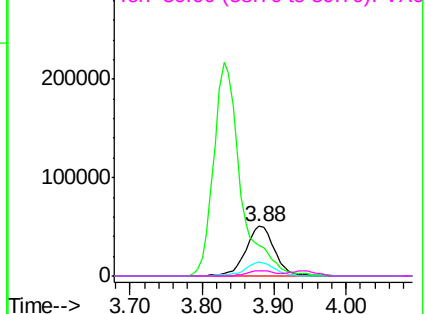
Abundance

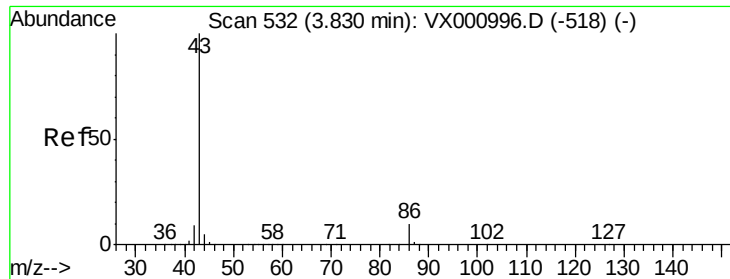
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

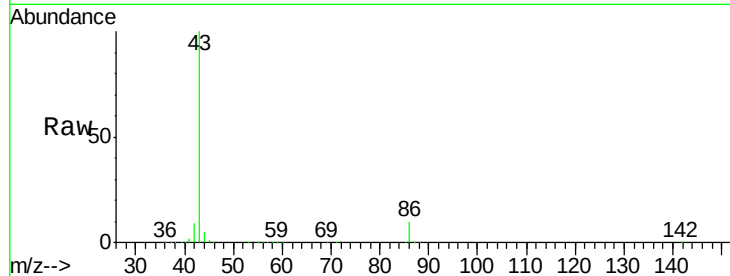
VX0423MBSD01

Tgt Ion: 43 Resp: 569284

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

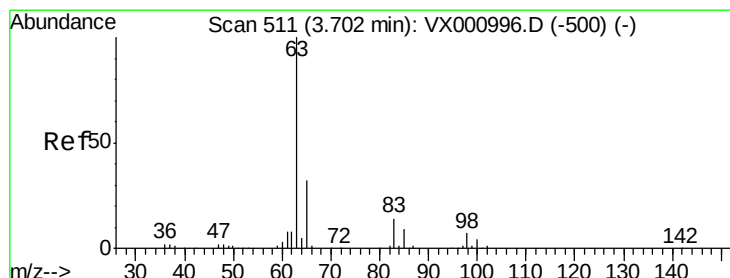
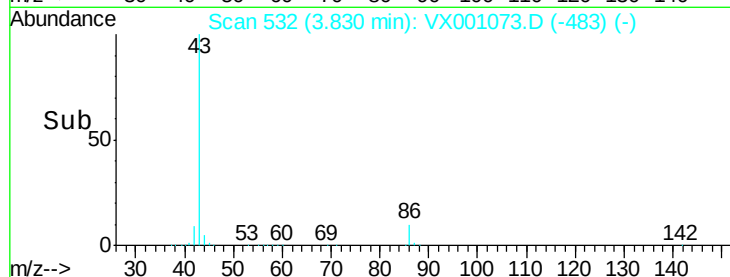
100000

50000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.43 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

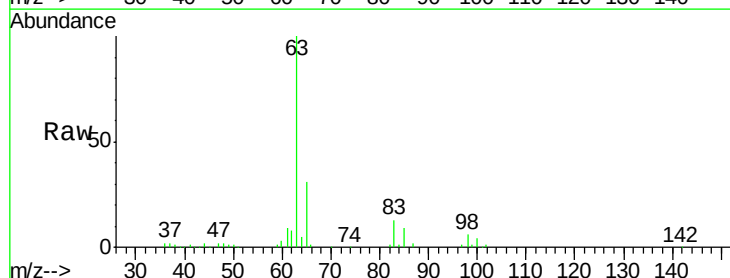
Tgt Ion: 63 Resp: 78061

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

40000

30000

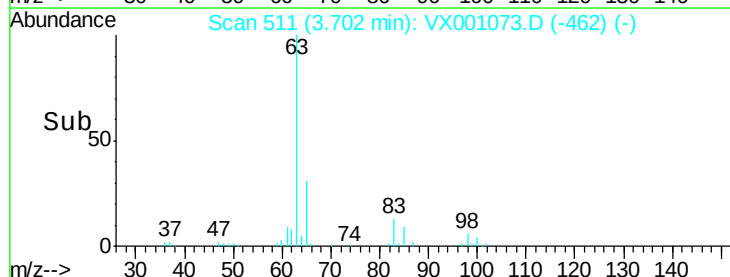
20000

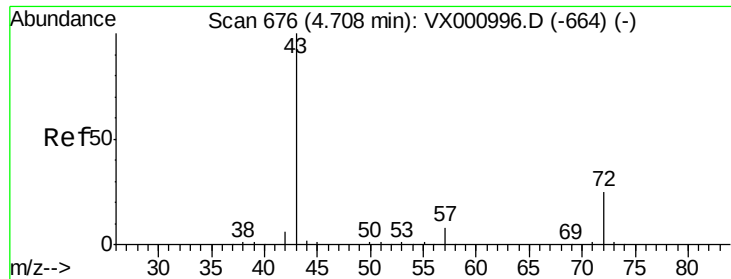
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 109.52 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

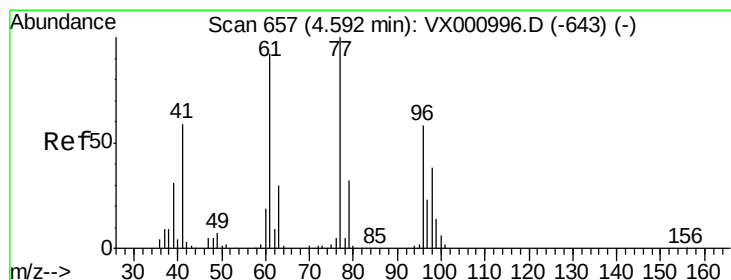
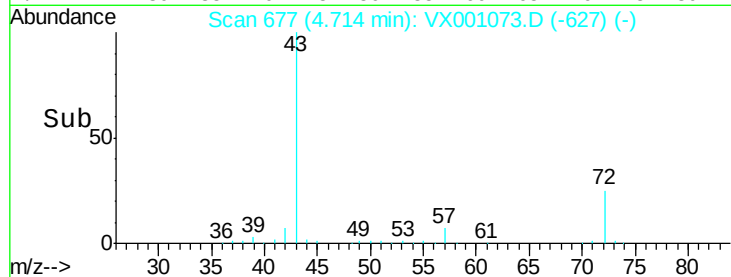
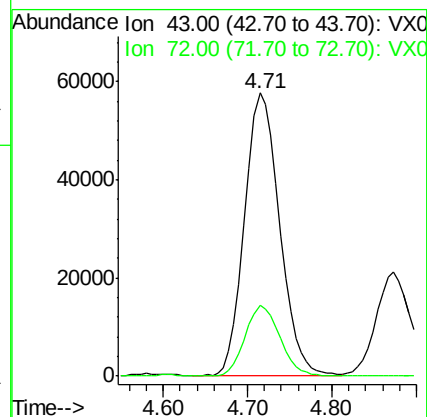
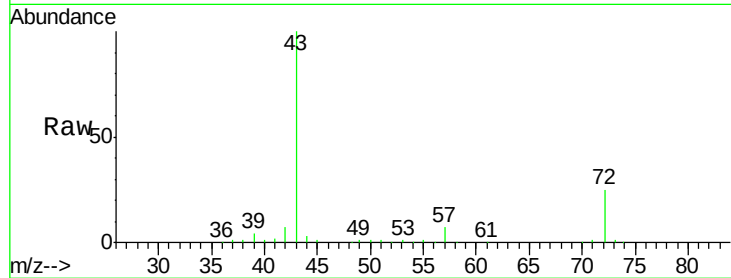
VX0423MBSD01

Tgt Ion: 43 Resp: 162861

Ion Ratio Lower Upper

43 100

72 24.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.31 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001073.D

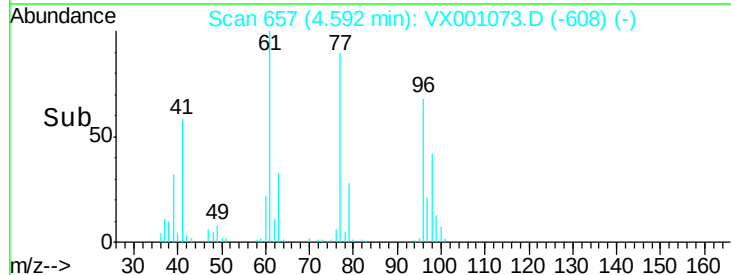
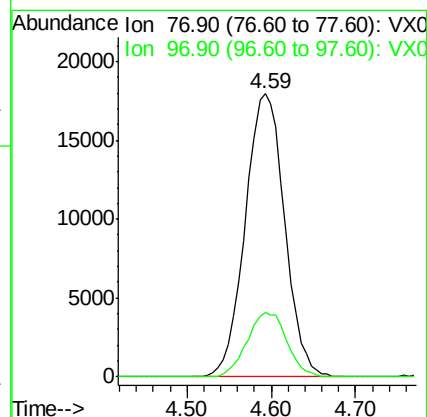
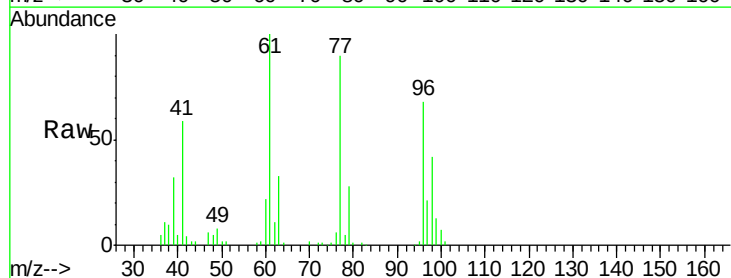
Acq: 23 Apr 2018 21:26

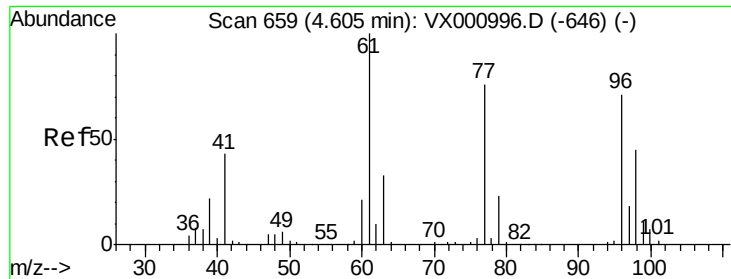
Tgt Ion: 77 Resp: 56906

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 20.05 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

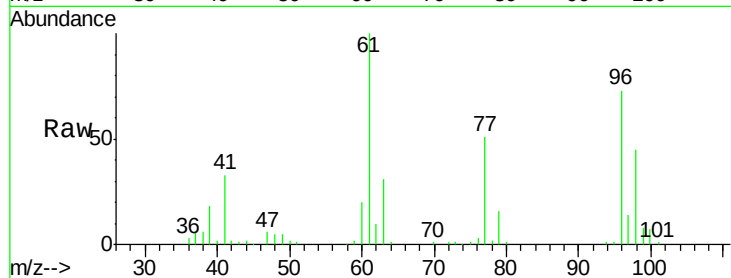
Tgt Ion: 96 Resp: 48346

Ion Ratio Lower Upper

96 100

61 145.9 0.0 297.0

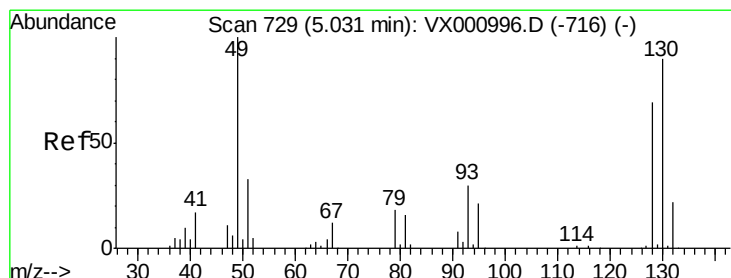
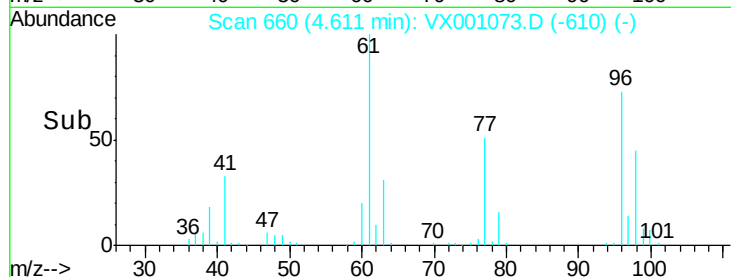
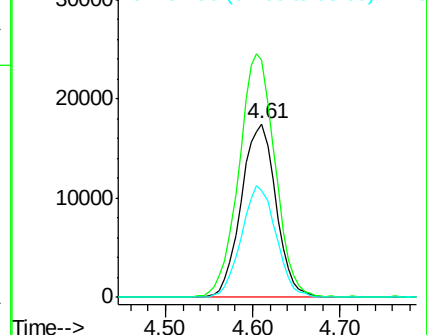
98 64.3 0.0 130.0



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: 21.47 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

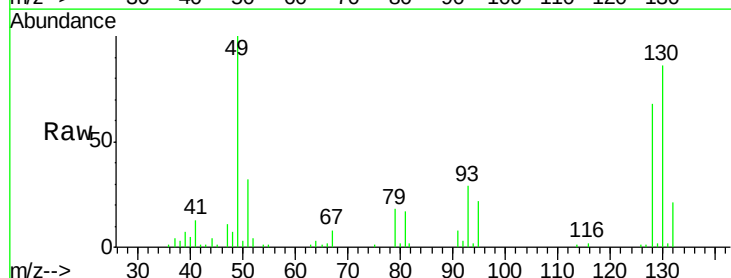
Tgt Ion: 49 Resp: 31553

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.8

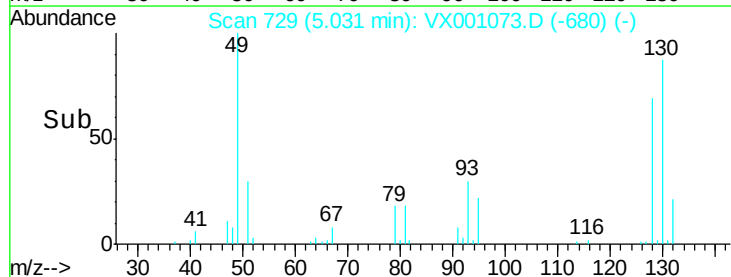
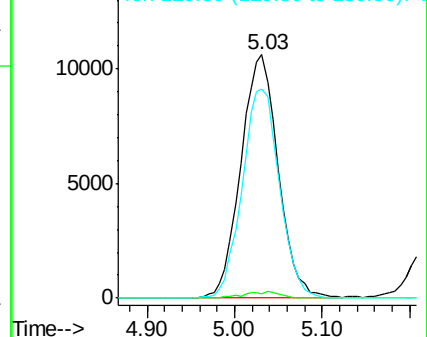
130 85.7 70.6 105.8

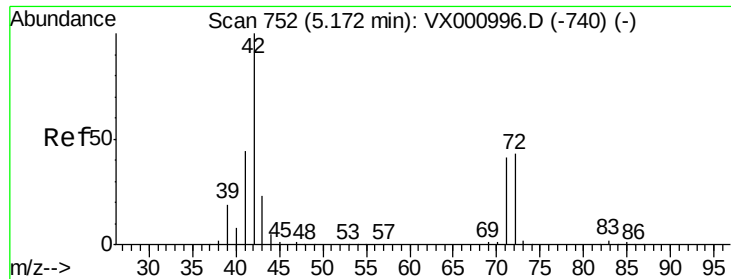


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 108.13 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

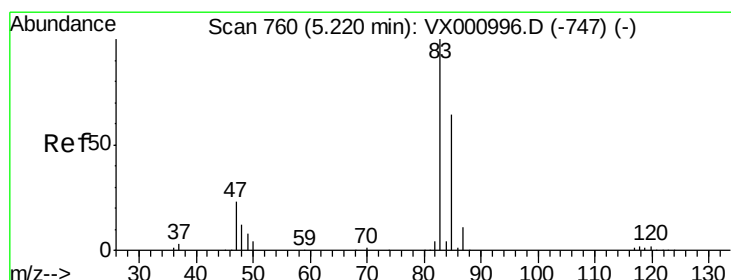
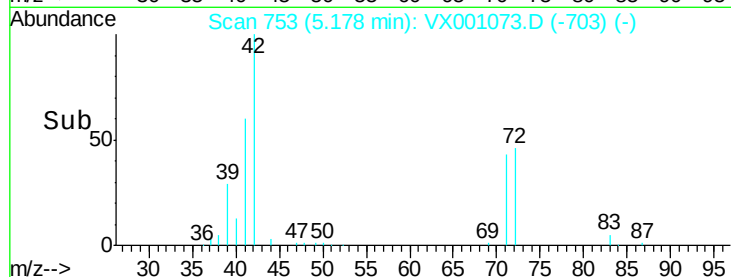
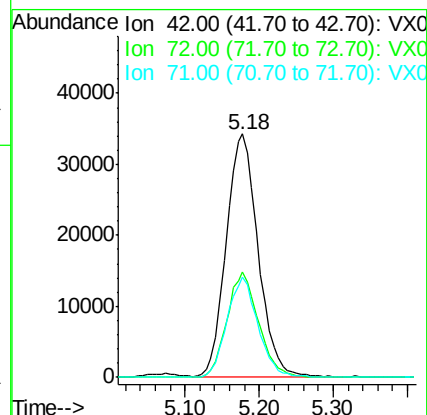
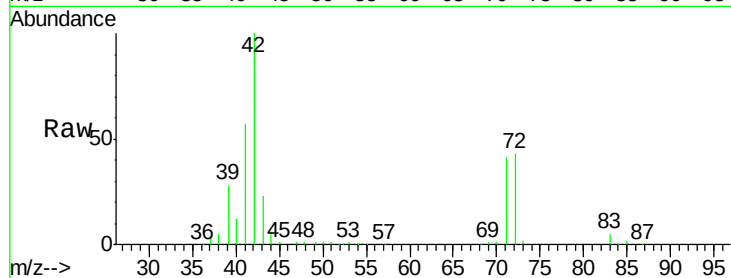
Tgt Ion: 42 Resp: 101611

Ion Ratio Lower Upper

42 100

72 43.3 34.6 52.0

71 40.3 32.6 49.0



#30

Chloroform

Concen: 20.56 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001073.D

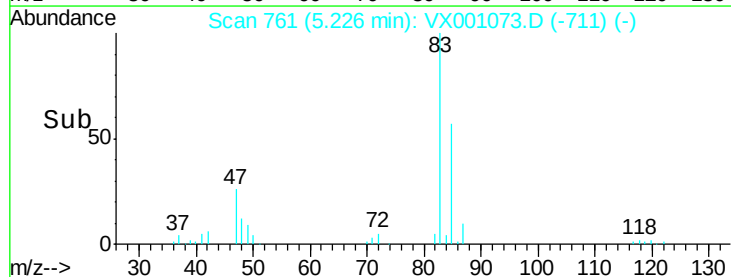
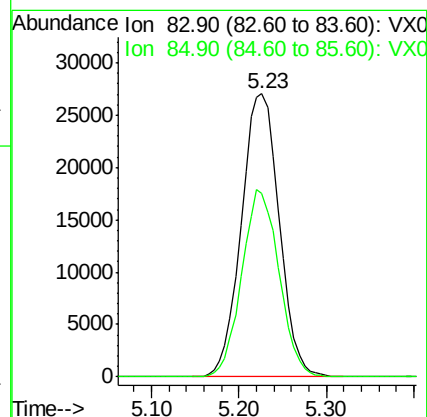
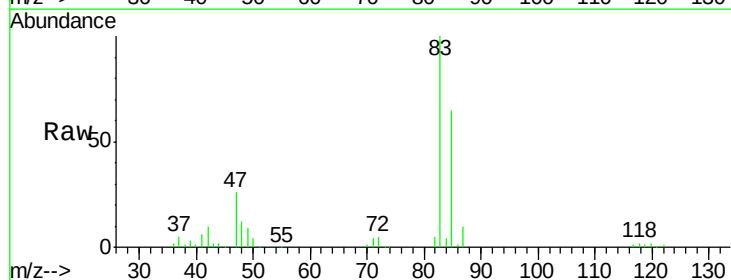
Acq: 23 Apr 2018 21:26

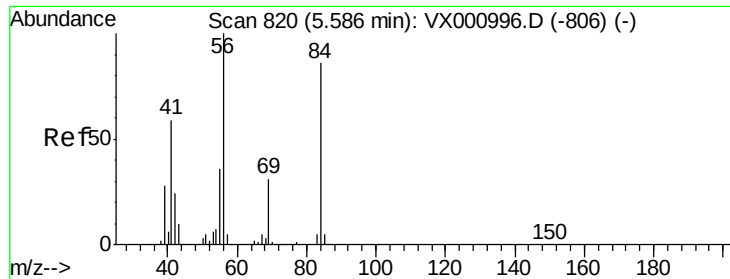
Tgt Ion: 83 Resp: 81349

Ion Ratio Lower Upper

83 100

85 64.9 51.3 76.9

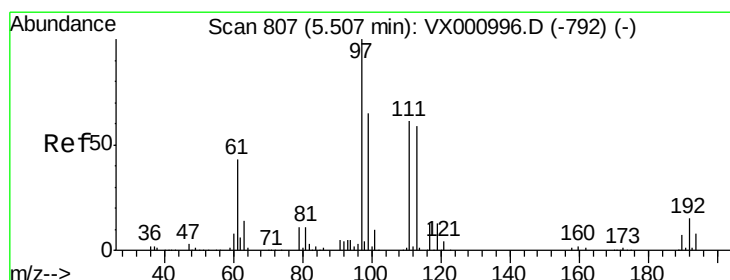
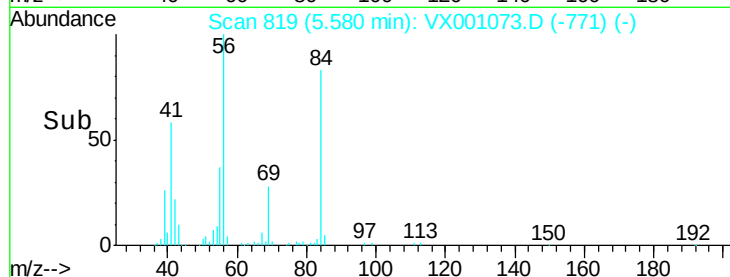
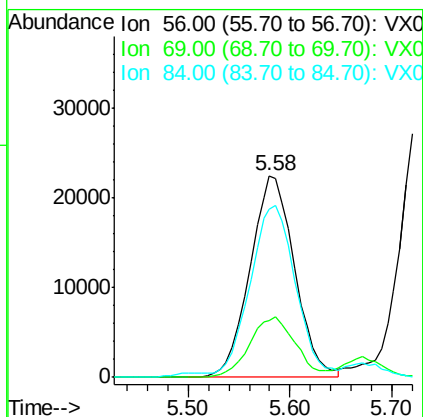
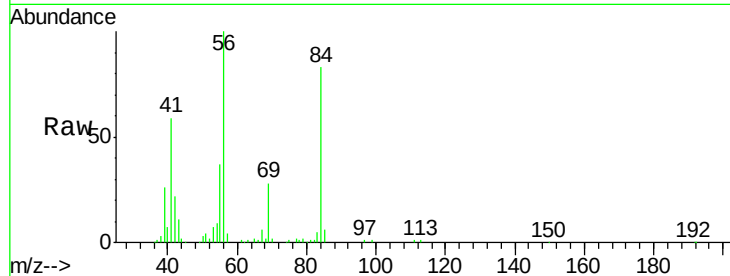




#31
Cyclohexane
Concen: 19.03 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

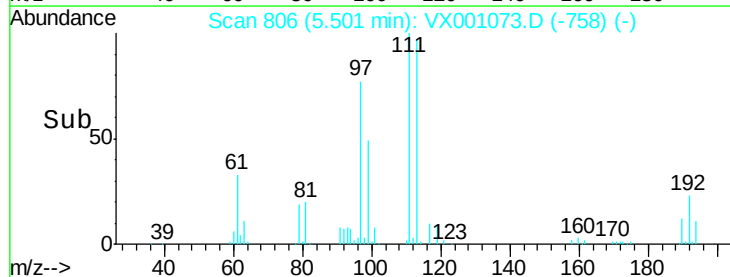
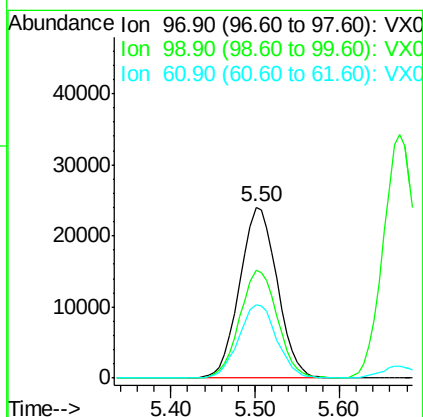
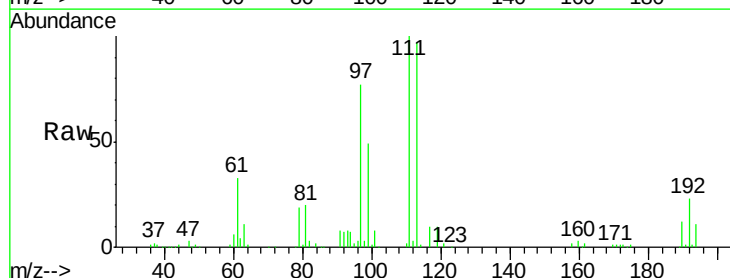
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

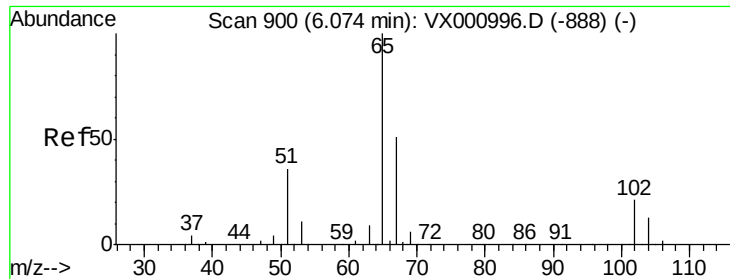
Tgt Ion: 56 Resp: 67863
Ion Ratio Lower Upper
56 100
69 28.4 24.6 36.8
84 81.2 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 20.42 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 97 Resp: 72433
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 43.7 34.4 51.6

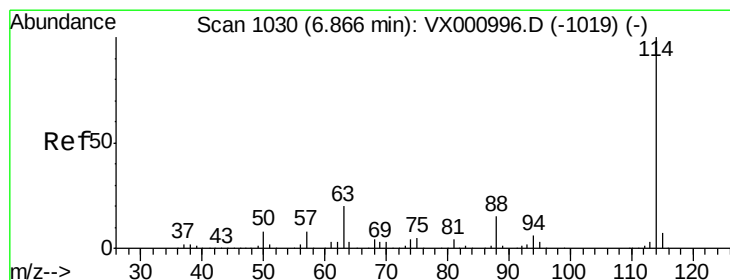
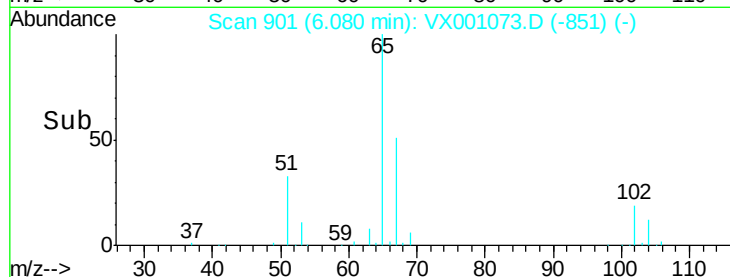
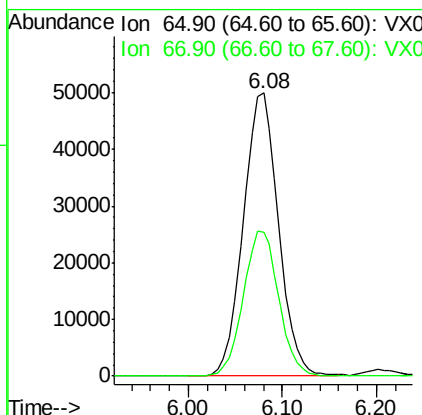
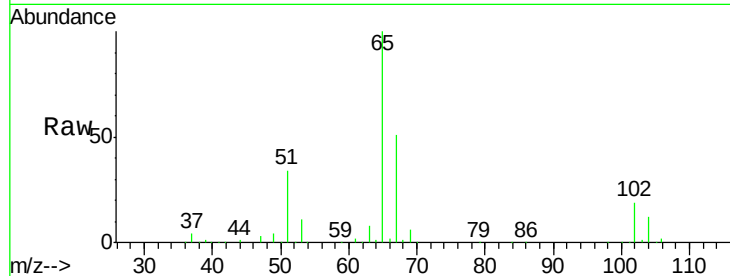




#33
 1,2-Dichloroethane-d4
 Concen: 51.68 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

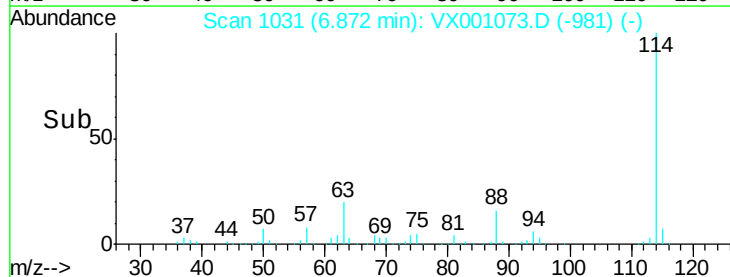
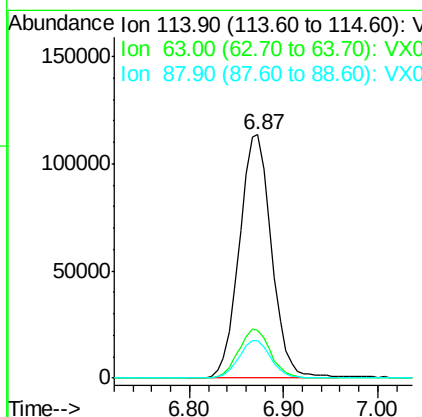
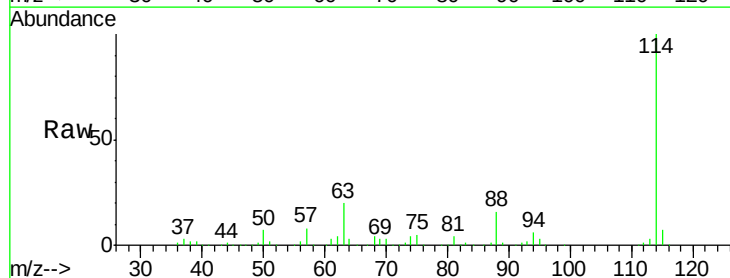
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

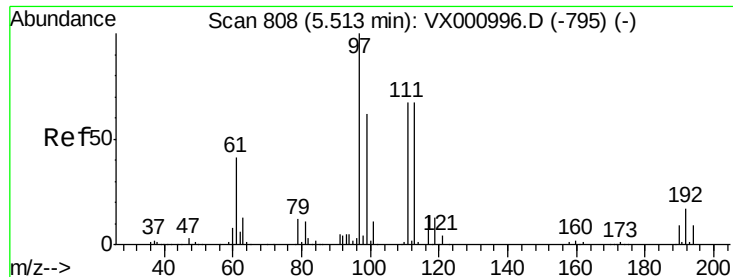
Tgt Ion: 65 Resp: 130725
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 114 Resp: 272108
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.64 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

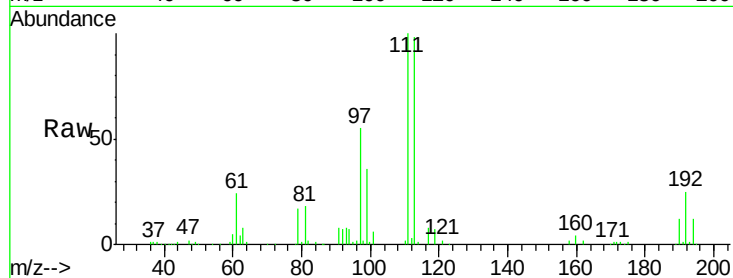
Tgt Ion:113 Resp: 105074

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

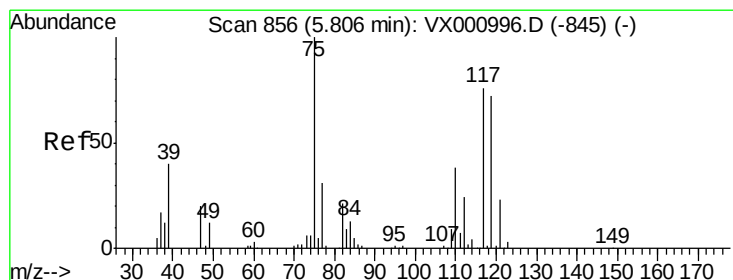
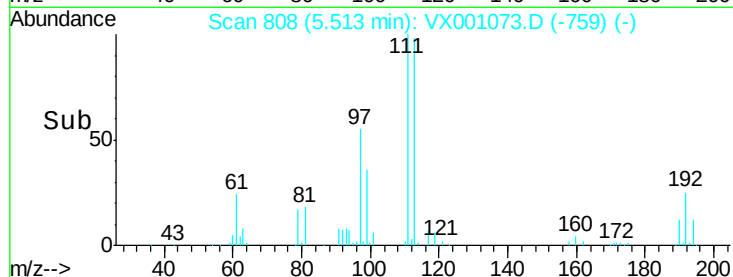
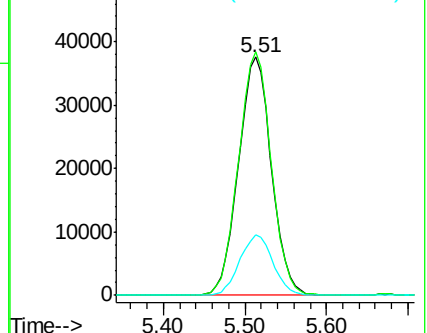
192 25.6 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.69 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

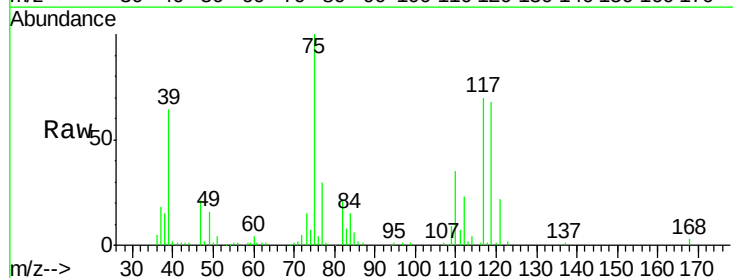
Tgt Ion: 75 Resp: 59779

Ion Ratio Lower Upper

75 100

110 36.4 18.7 56.1

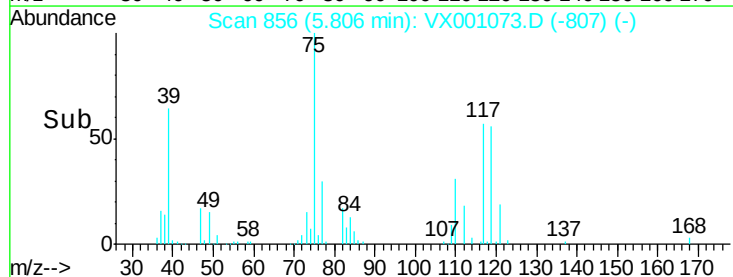
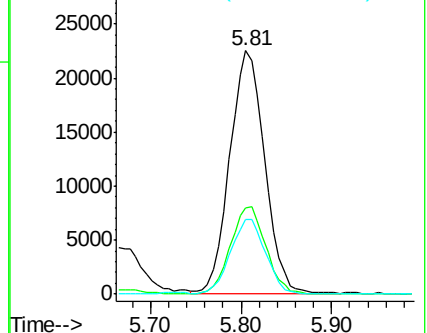
77 30.4 25.0 37.4

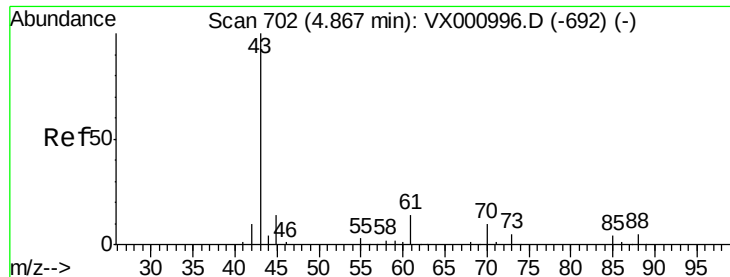


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

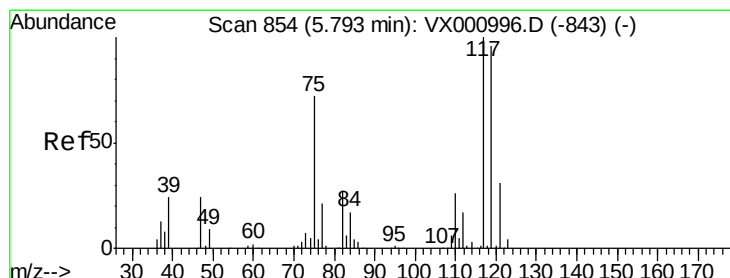
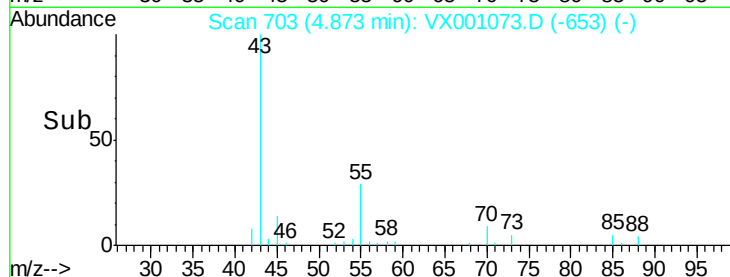
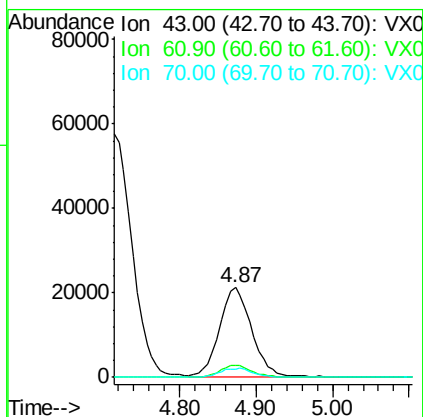
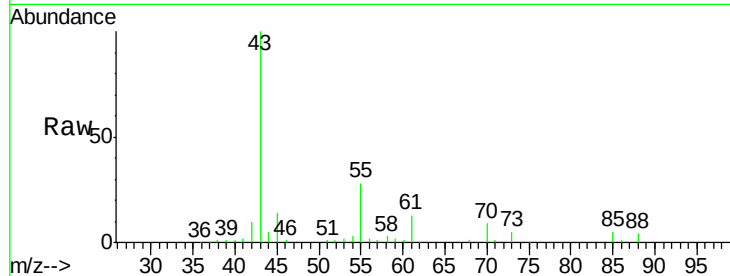




#37
 Ethyl Acetate
 Concen: 21.02 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

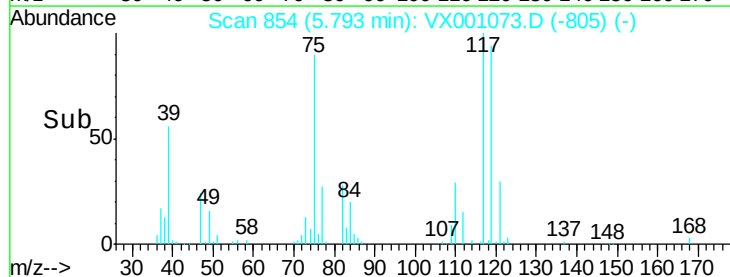
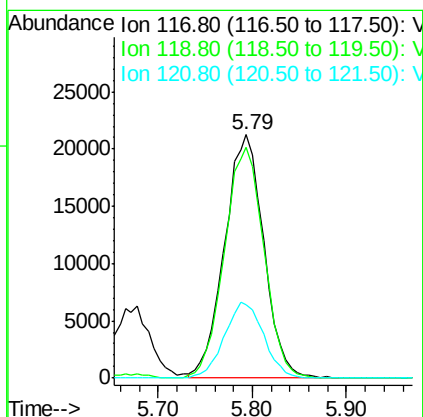
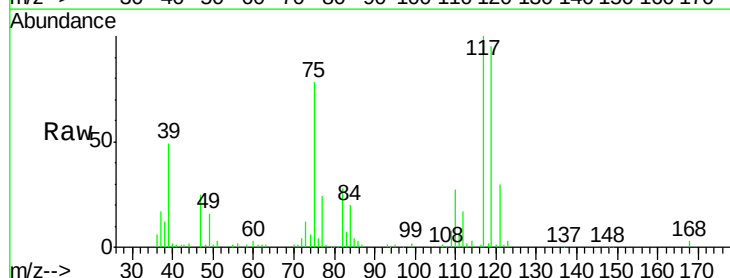
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

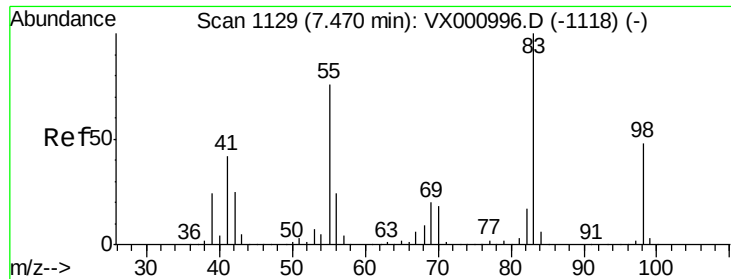
Tgt Ion: 43 Resp: 61651
 Ion Ratio Lower Upper
 43 100
 61 13.4 10.7 16.1
 70 10.3 8.3 12.5



#38
 Carbon Tetrachloride
 Concen: 18.96 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 117 Resp: 61398
 Ion Ratio Lower Upper
 117 100
 119 94.4 76.5 114.7
 121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 18.50 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

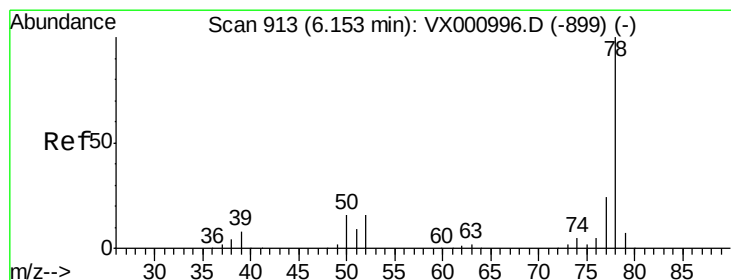
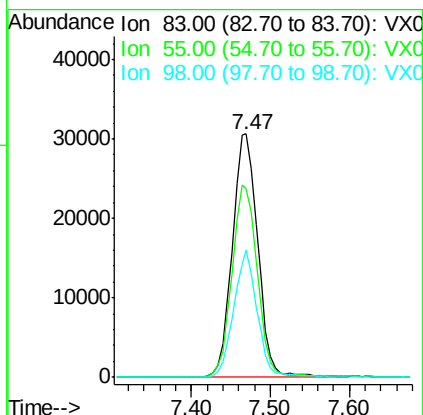
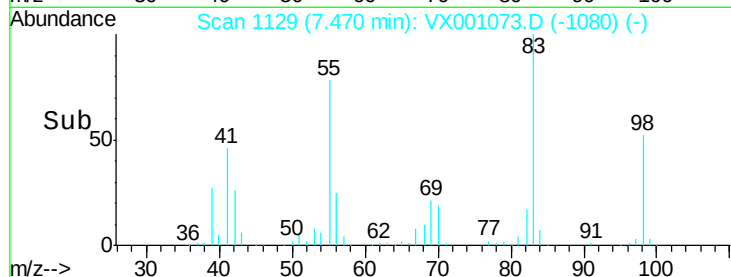
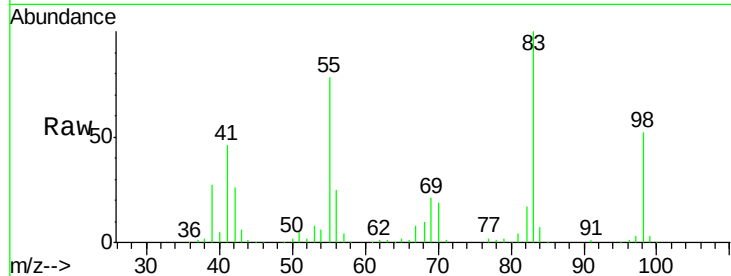
Tgt Ion: 83 Resp: 68859

Ion Ratio Lower Upper

83 100

55 77.5 60.6 91.0

98 52.4 38.2 57.4



#40

Benzene

Concen: 19.86 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001073.D

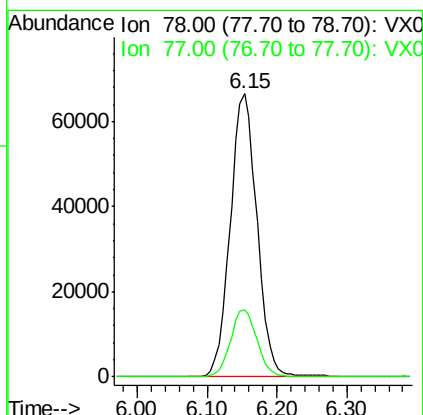
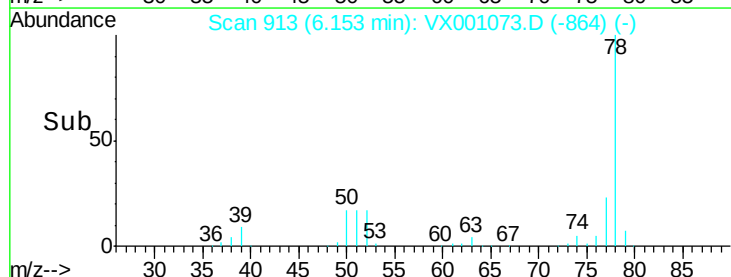
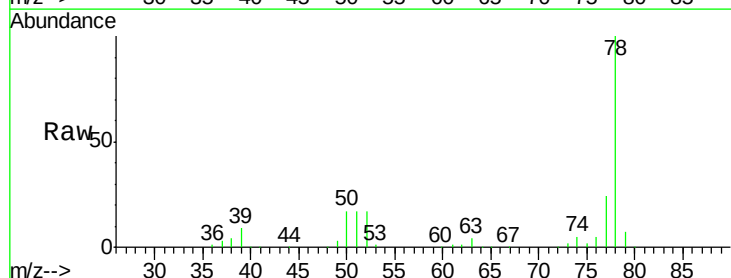
Acq: 23 Apr 2018 21:26

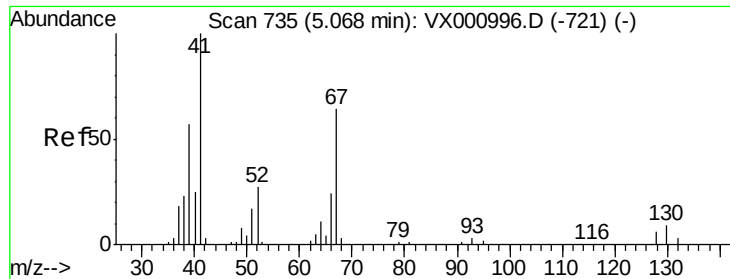
Tgt Ion: 78 Resp: 176594

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3

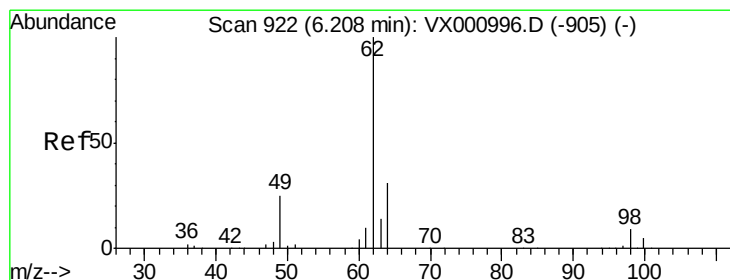
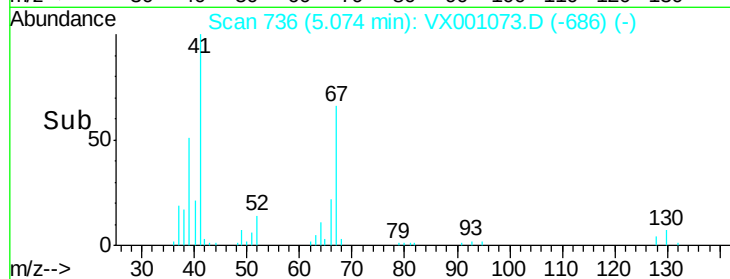
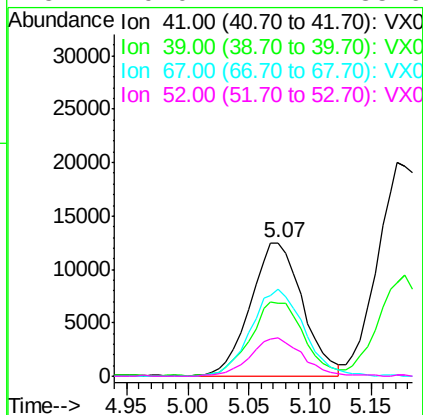
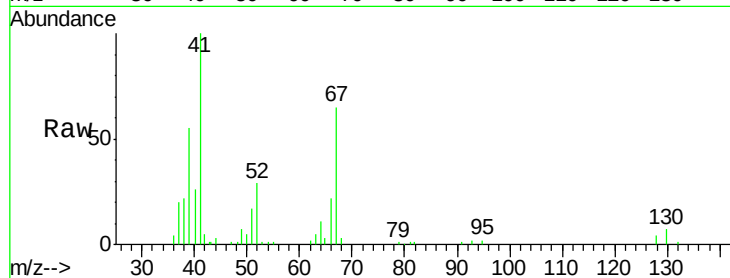




#41
Methacrylonitrile
Concen: 20.32 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

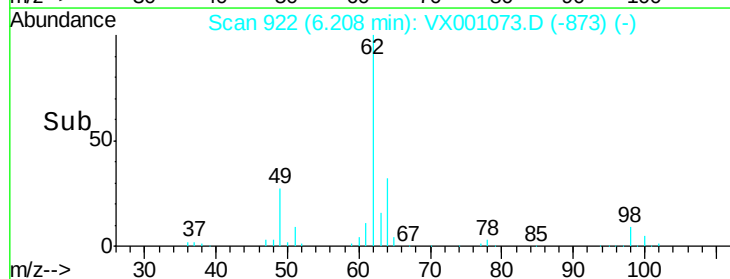
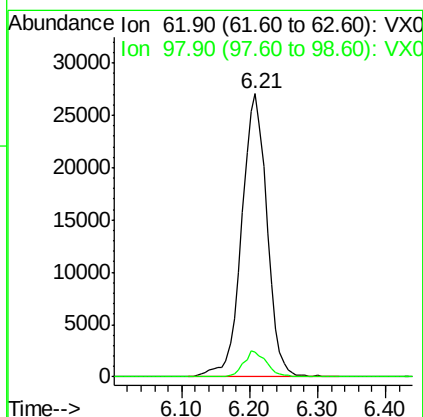
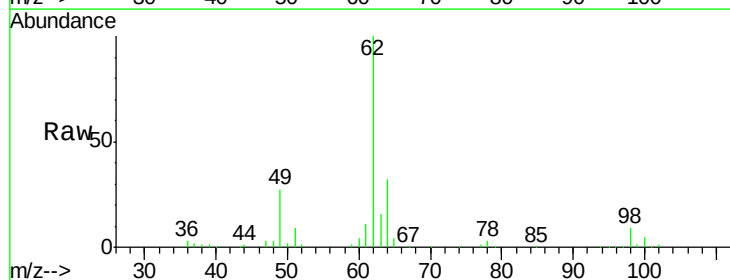
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

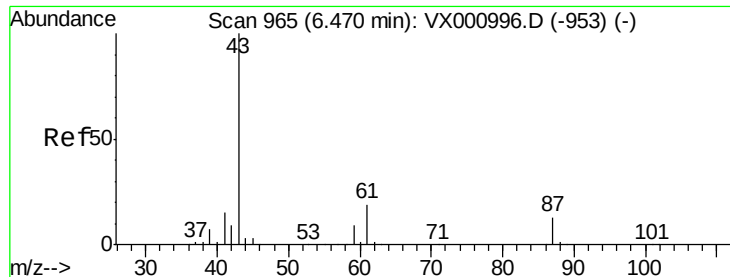
Tgt Ion:	41	Resp:	37211
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.2	67.8
67	65.7	53.8	80.8
52	29.0	22.4	33.6



#42
1,2-Dichloroethane
Concen: 20.48 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion:	62	Resp:	69877
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 20.39 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

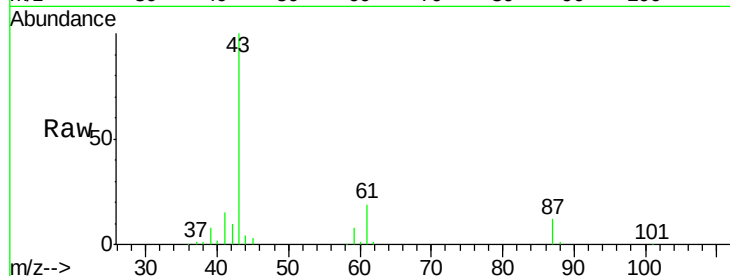
Tgt Ion: 43 Resp: 102629

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.2

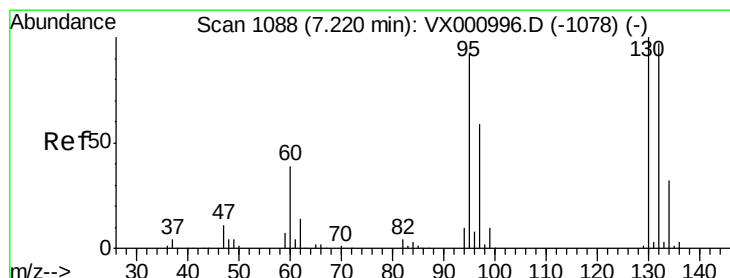
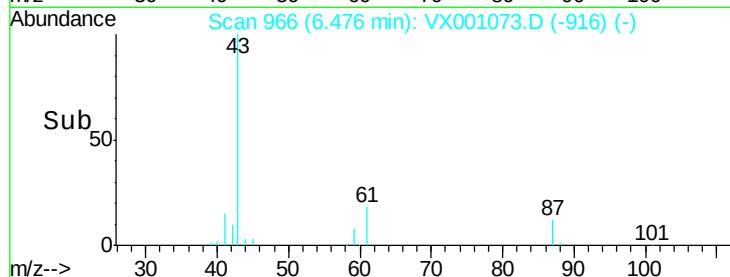
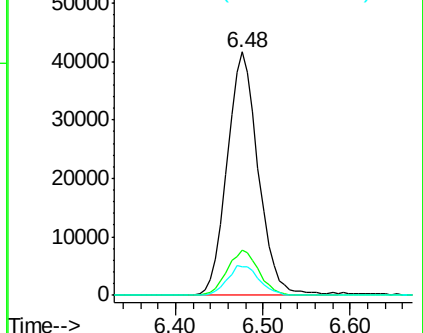
87 12.8 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.23 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001073.D

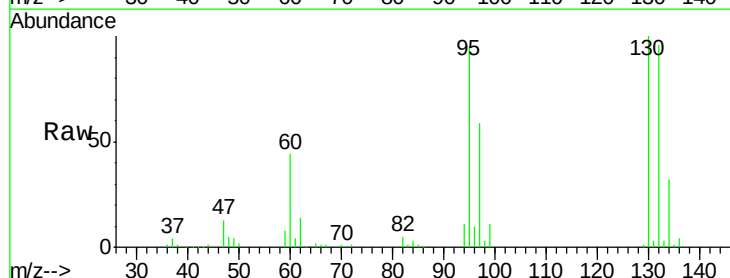
Acq: 23 Apr 2018 21:26

Tgt Ion: 130 Resp: 52222

Ion Ratio Lower Upper

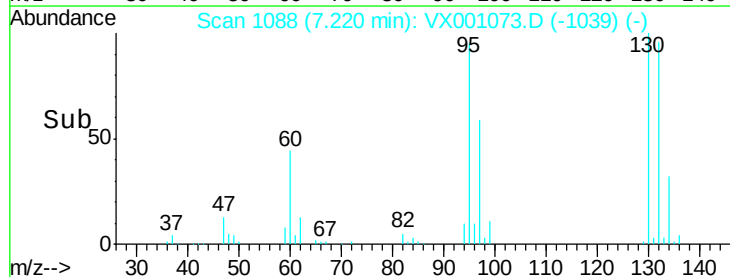
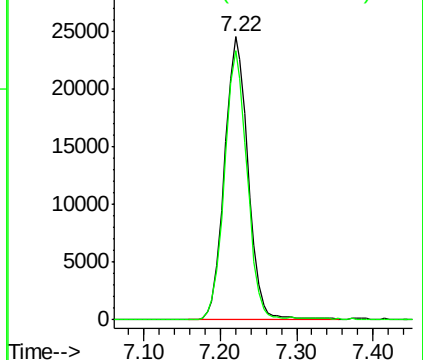
130 100

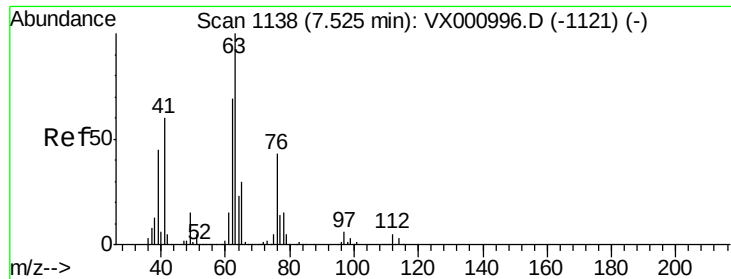
95 95.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

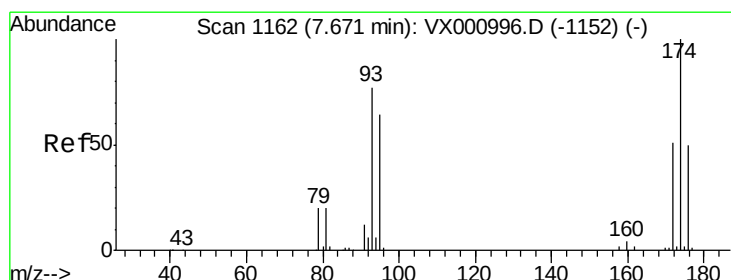
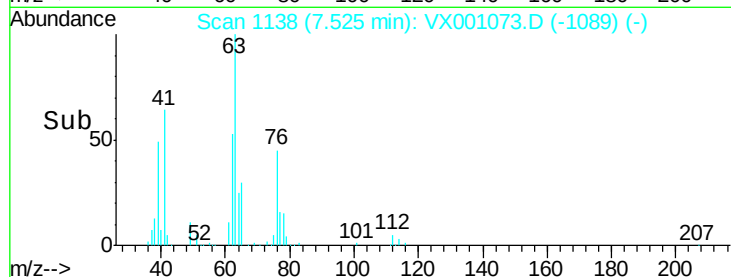
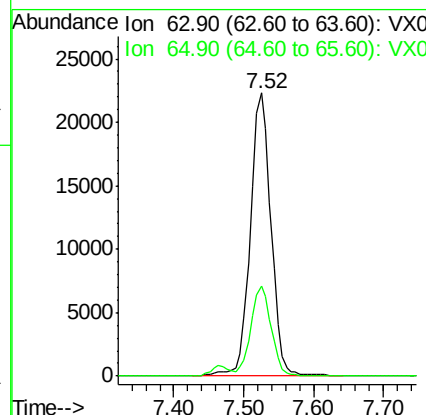
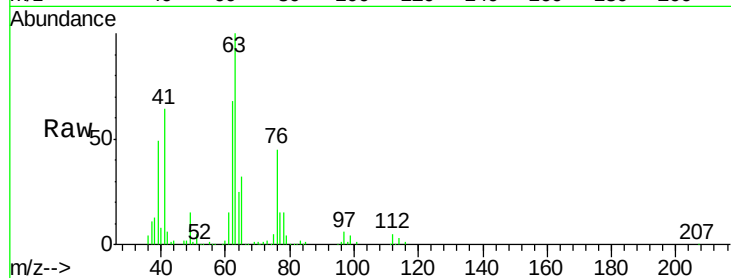




#45
 1,2-Dichloropropane
 Concen: 20.50 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

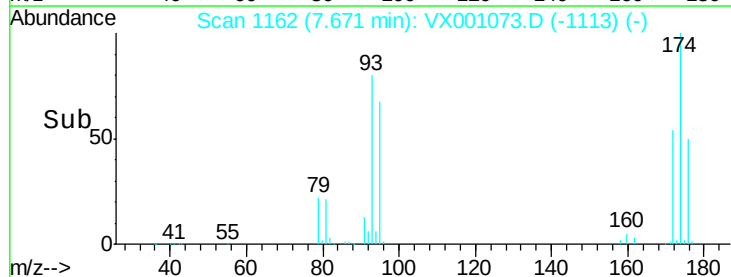
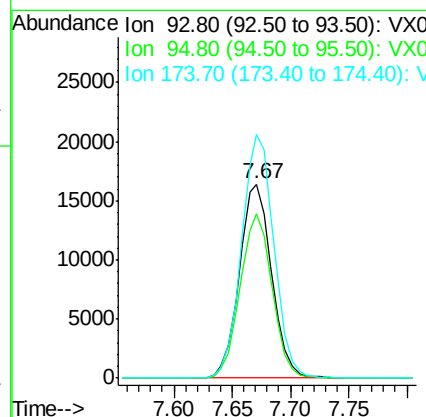
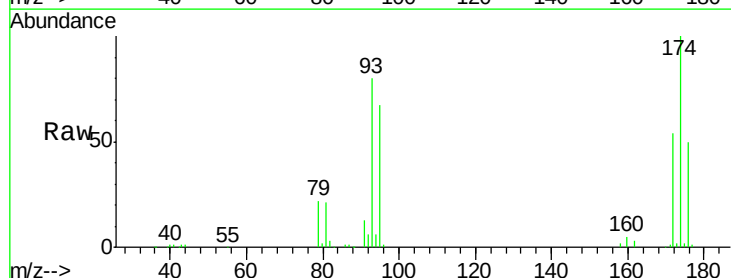
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423MBSD01

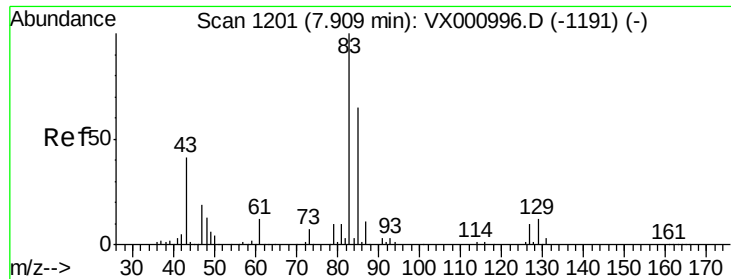
Tgt Ion: 63 Resp: 45817
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.4 36.6



#46
 Dibromomethane
 Concen: 20.22 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 93 Resp: 31574
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 126.2 101.8 152.6





#47

Bromodichloromethane

Concen: 19.99 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

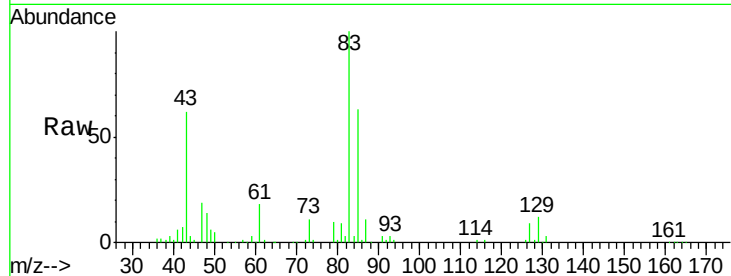
Tgt Ion: 83 Resp: 57853

Ion Ratio Lower Upper

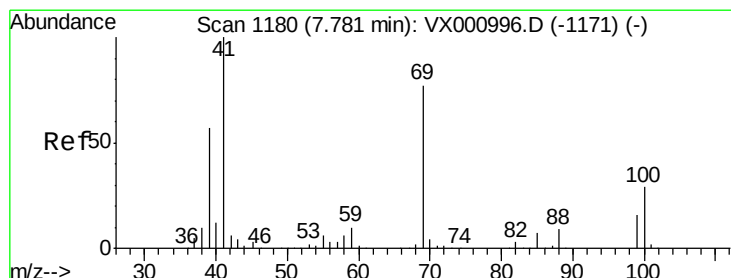
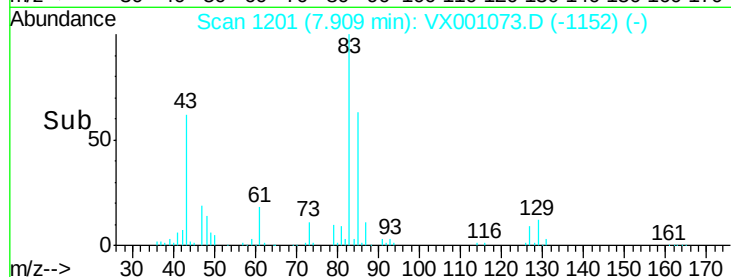
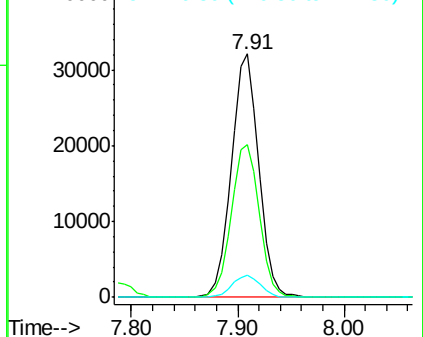
83 100

85 62.9 52.3 78.5

127 9.0 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: 20.53 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

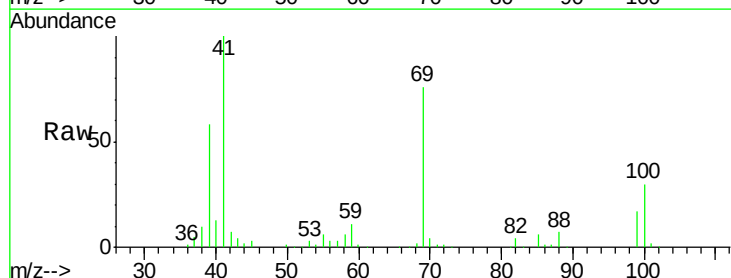
Tgt Ion: 41 Resp: 55633

Ion Ratio Lower Upper

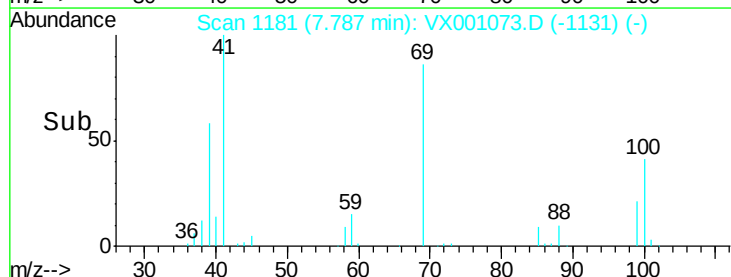
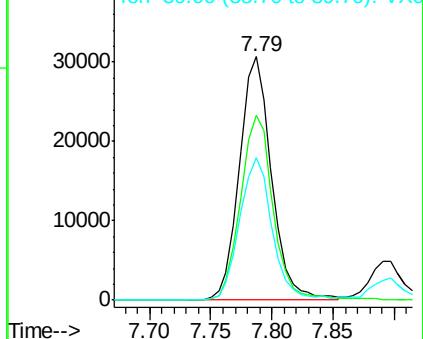
41 100

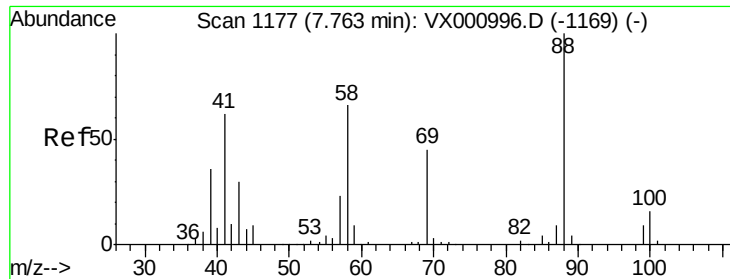
69 78.0 62.6 94.0

39 59.7 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

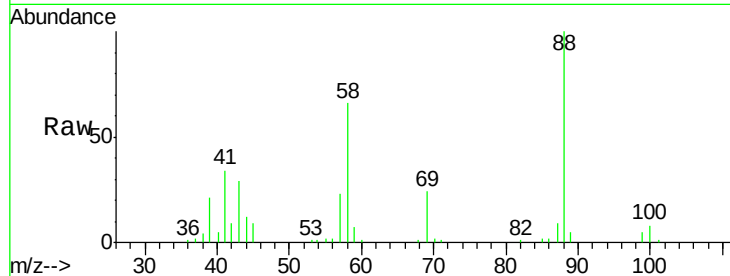




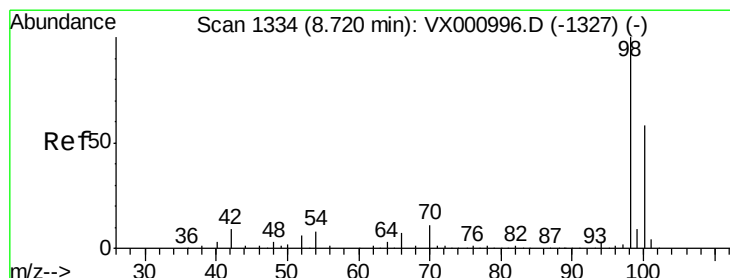
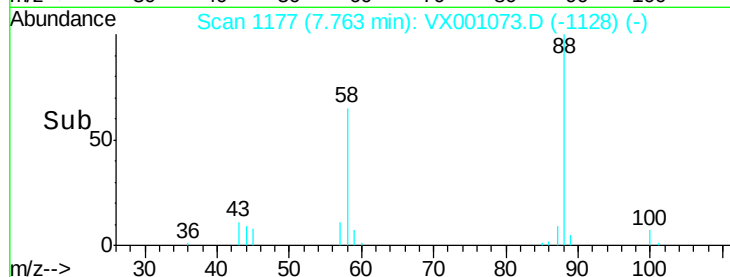
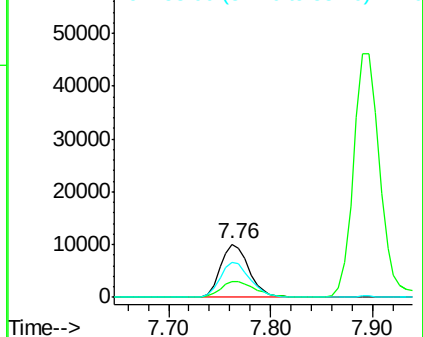
#49
1,4-Dioxane
Concen: 489.66 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tgt Ion: 88 Resp: 19511
Ion Ratio Lower Upper
88 100
43 36.4 29.2 43.8
58 69.7 55.0 82.6

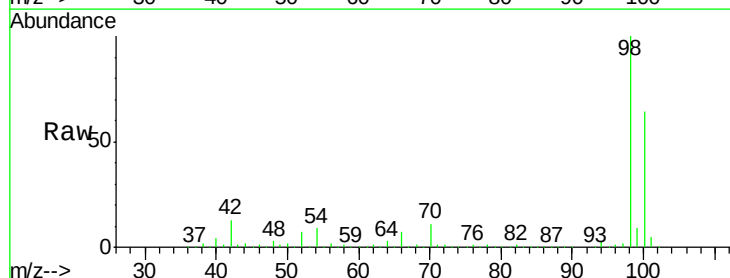


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

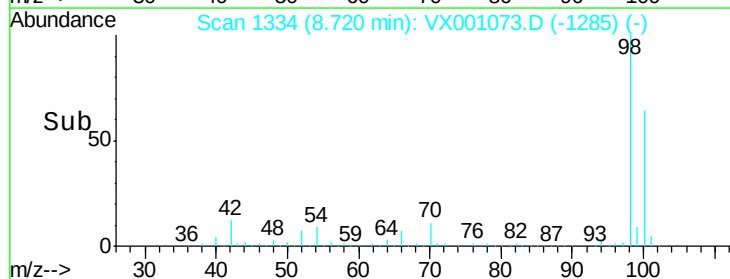
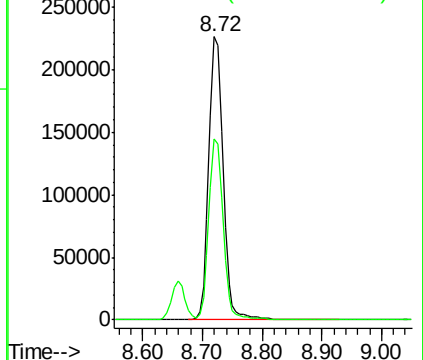


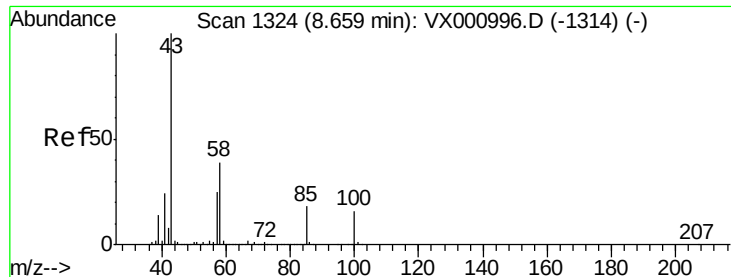
#50
Toluene-d8
Concen: 48.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 98 Resp: 373577
Ion Ratio Lower Upper
98 100
100 64.7 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: 108.35 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

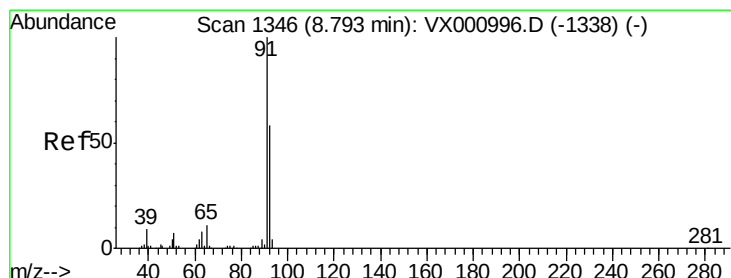
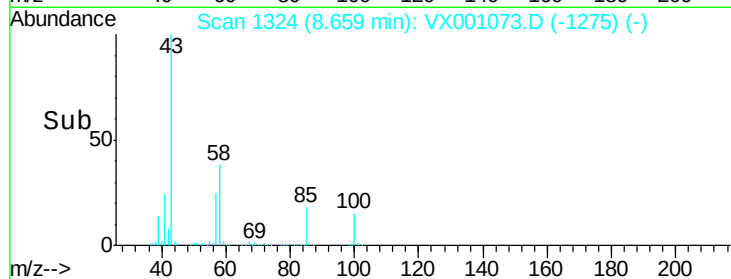
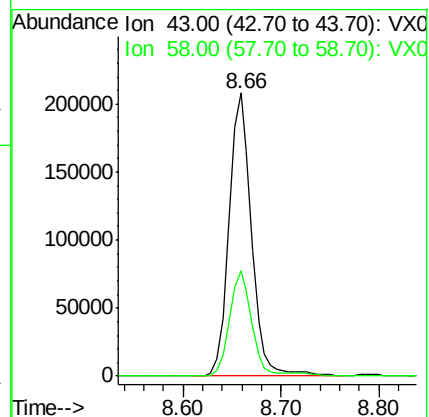
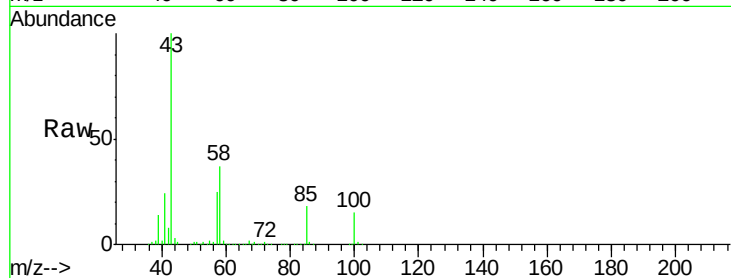
VX0423MBSD01

Tgt Ion: 43 Resp: 331060

Ion Ratio Lower Upper

43 100

58 36.3 30.2 45.4



#52

Toluene

Concen: 19.81 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001073.D

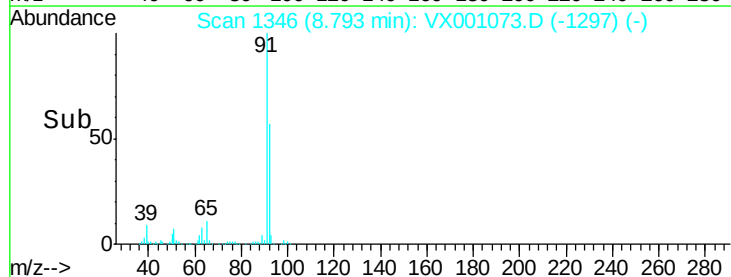
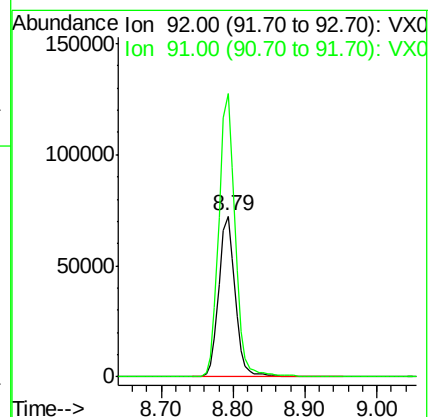
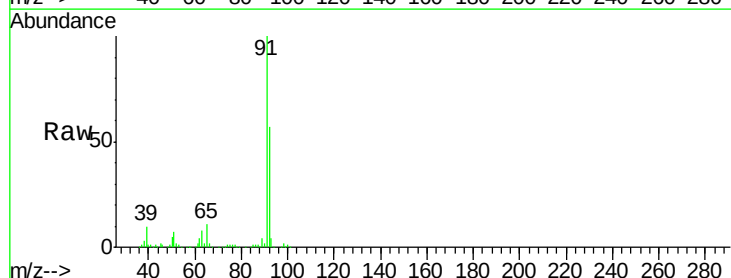
Acq: 23 Apr 2018 21:26

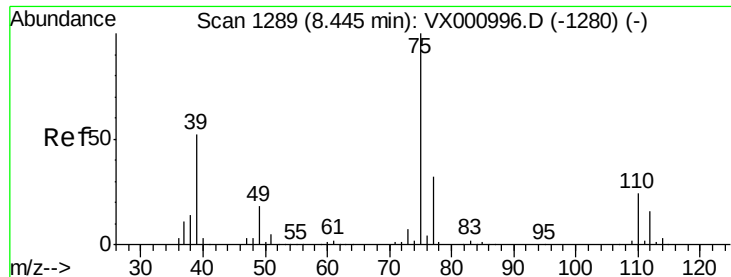
Tgt Ion: 92 Resp: 114971

Ion Ratio Lower Upper

92 100

91 174.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.26 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

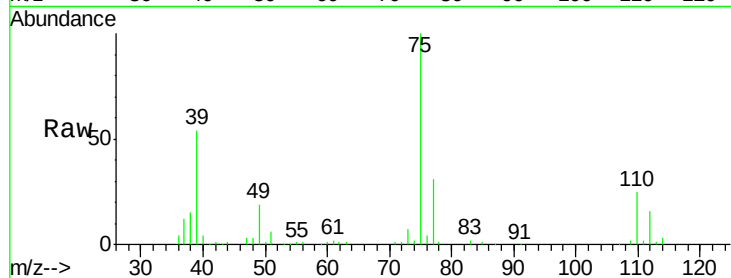
VX0423MBSD01

Tgt Ion: 75 Resp: 66649

Ion Ratio Lower Upper

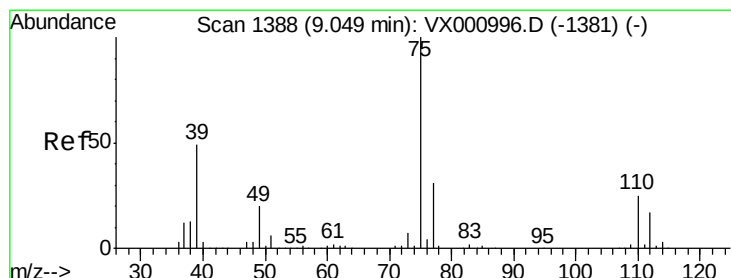
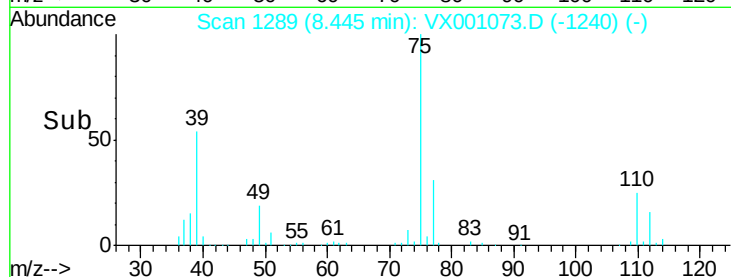
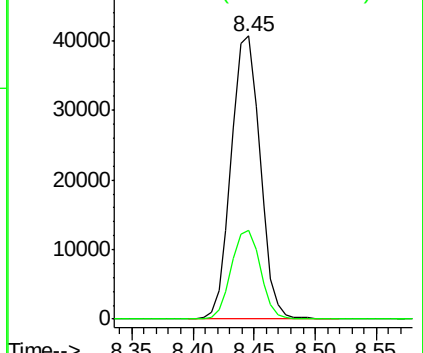
75 100

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: 19.07 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

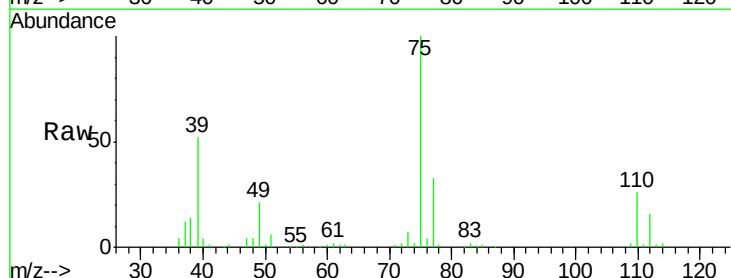
Tgt Ion: 75 Resp: 62218

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6

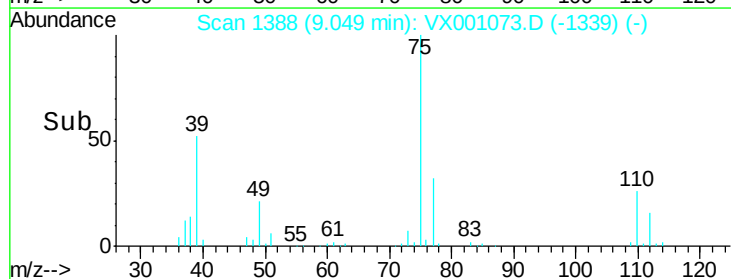
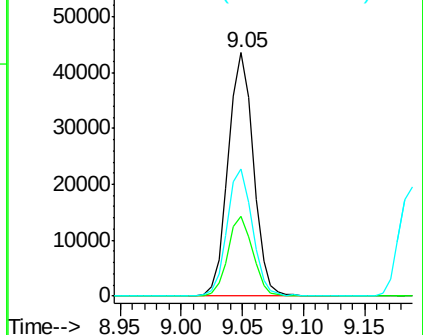
39 51.9 39.2 58.8

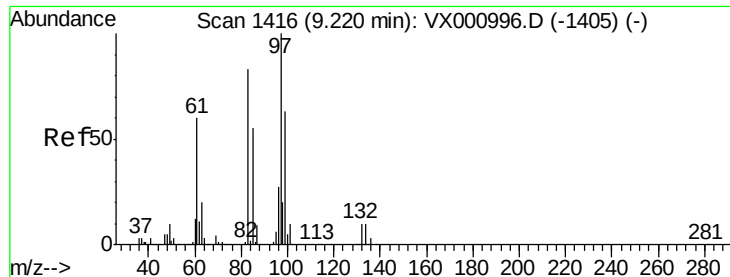


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

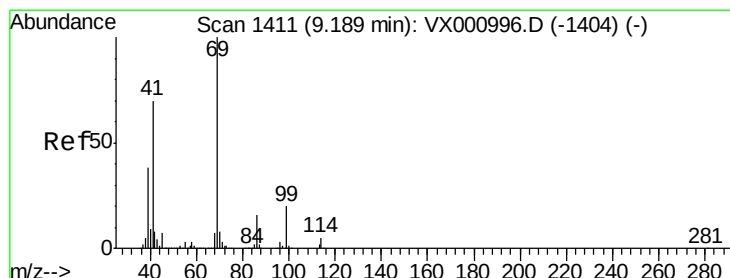
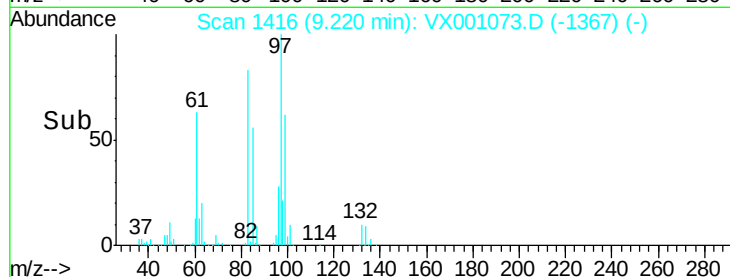
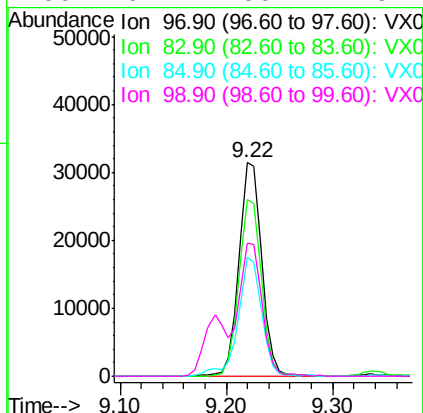
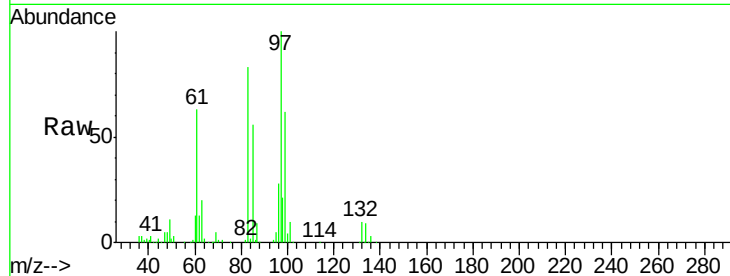




#55
 1,1,2-Trichloroethane
 Concen: 20.64 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

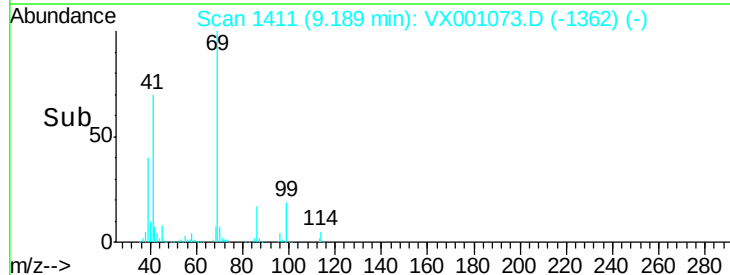
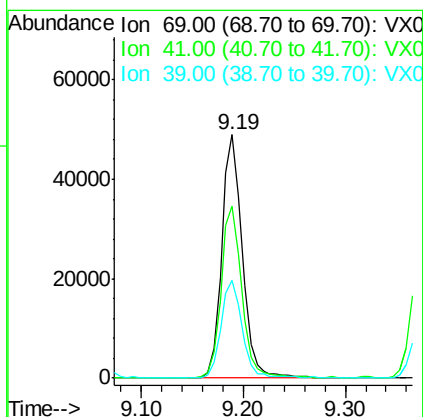
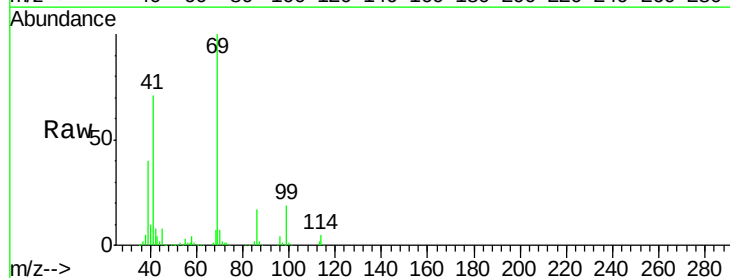
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

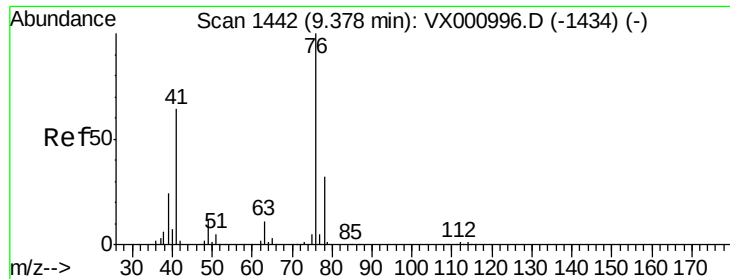
Tgt Ion:	97	Resp:	47592
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.2	99.4
85	55.8	44.2	66.4
99	62.1	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 20.32 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion:	69	Resp:	68842
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.3	84.5
39	40.9	30.4	45.6

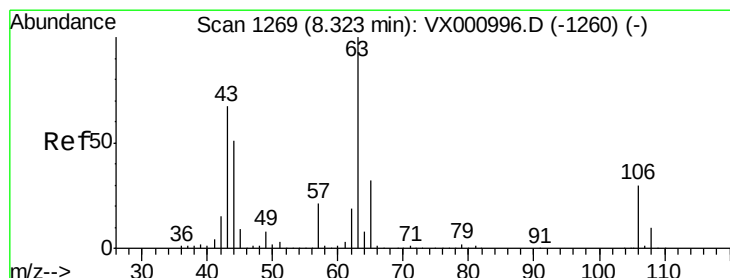
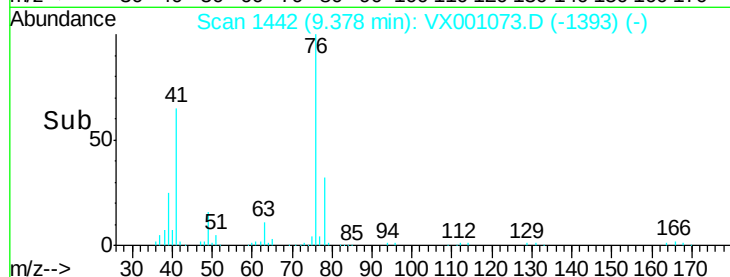
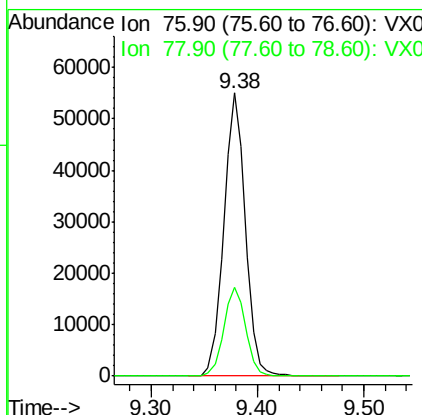
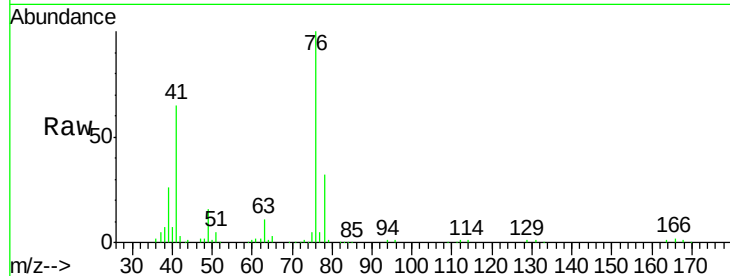




#57
 1,3-Dichloropropane
 Concen: 20.34 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

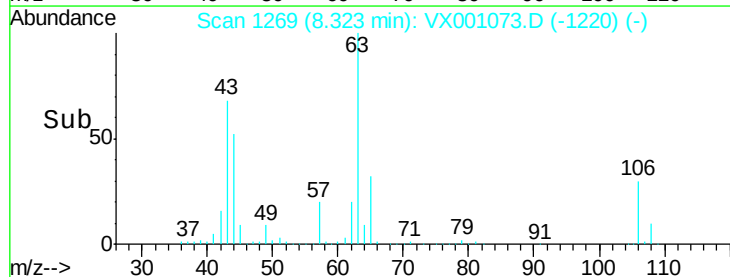
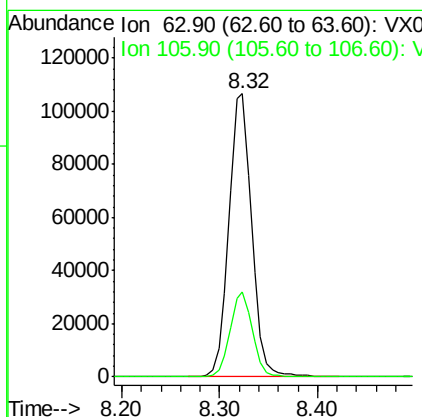
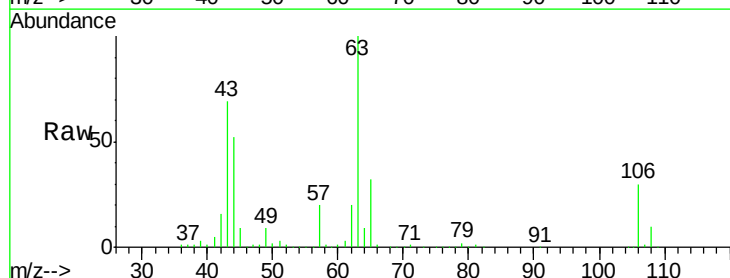
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

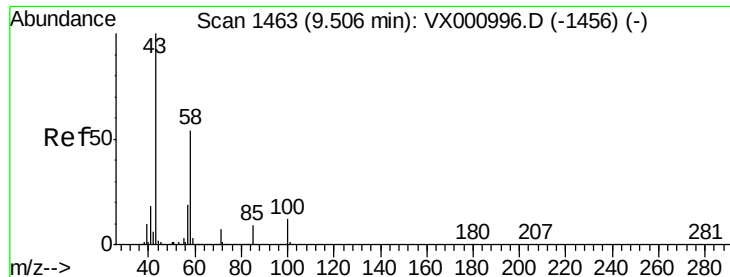
Tgt Ion: 76 Resp: 77707
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.67 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 63 Resp: 171388
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.6

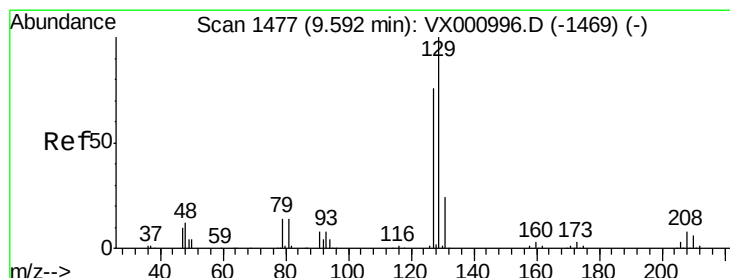
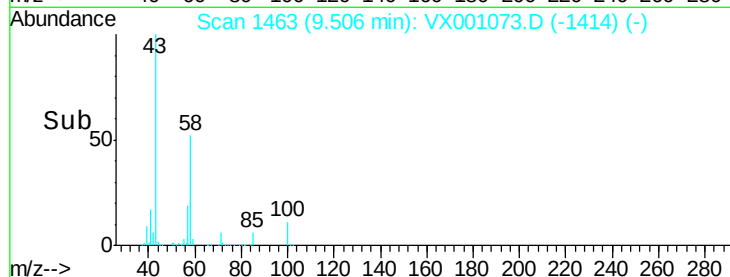
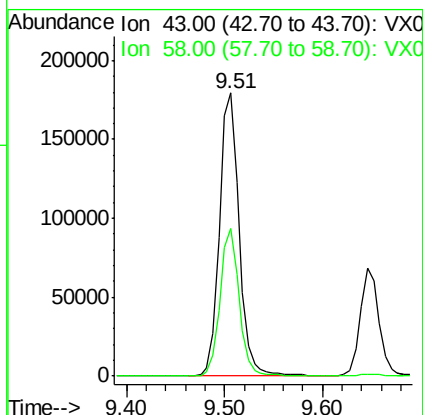
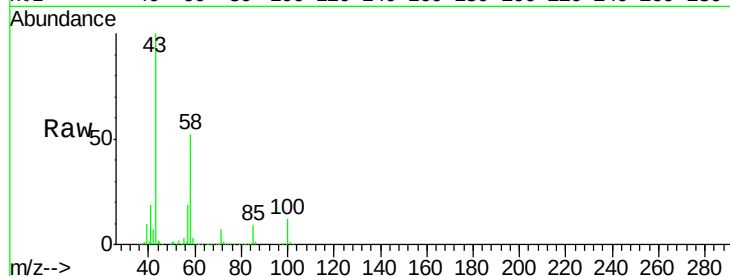




#59
2-Hexanone
Concen: 106.93 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

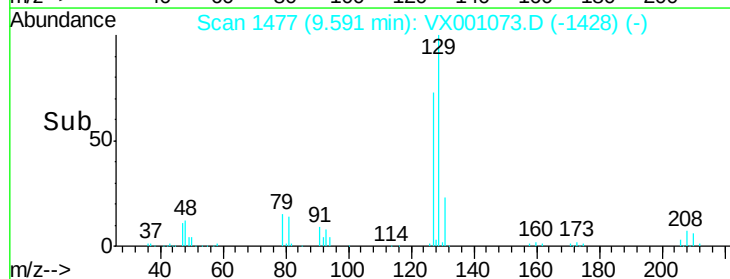
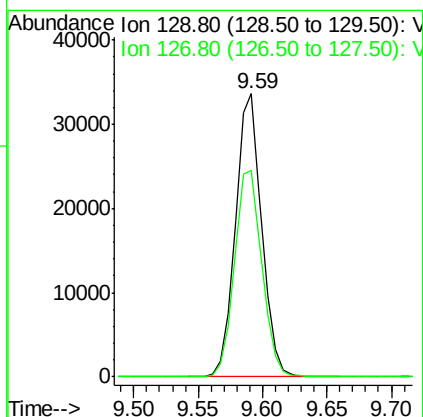
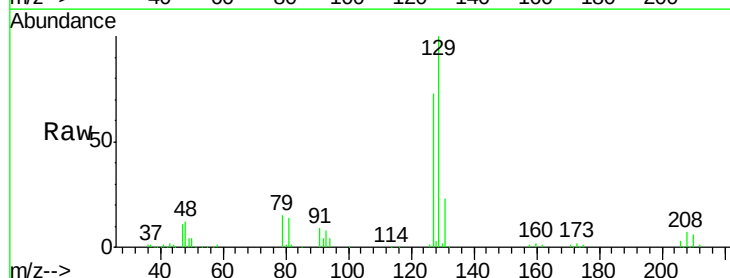
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

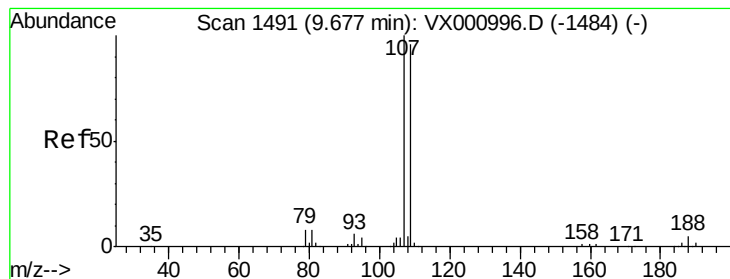
Tgt Ion: 43 Resp: 250077
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9



#60
Dibromochloromethane
Concen: 19.57 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 129 Resp: 47400
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.40 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

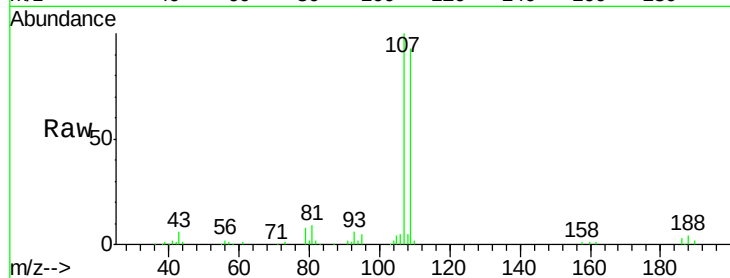
VX0423MBSD01

Tgt Ion: 107 Resp: 49658

Ion Ratio Lower Upper

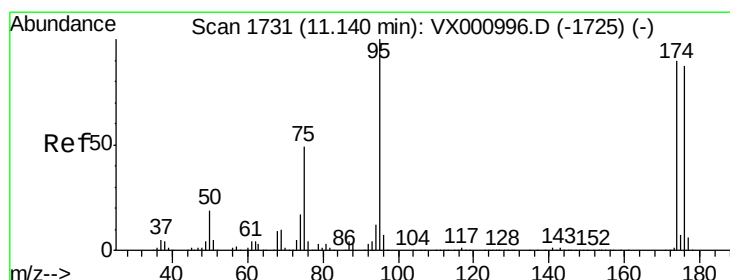
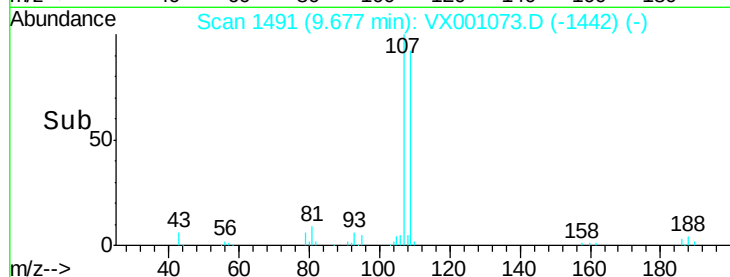
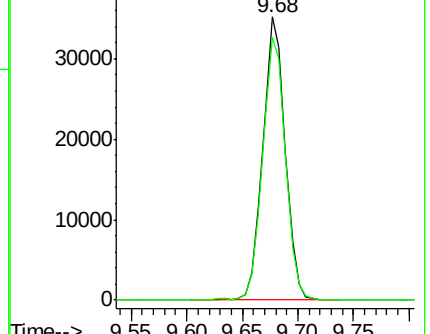
107 100

109 95.0 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: 47.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

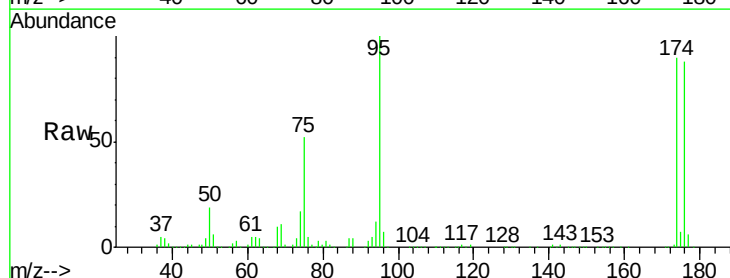
Tgt Ion: 95 Resp: 152229

Ion Ratio Lower Upper

95 100

174 97.3 0.0 198.4

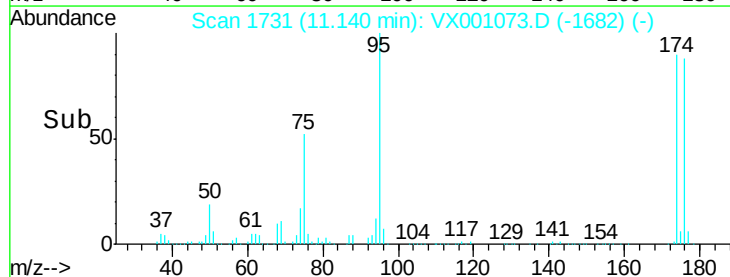
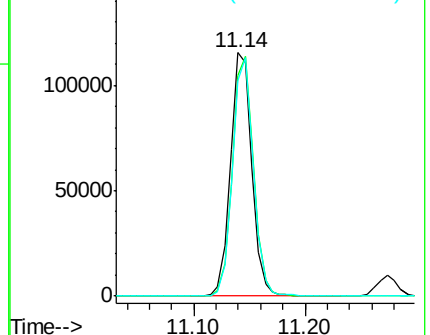
176 95.6 0.0 192.0

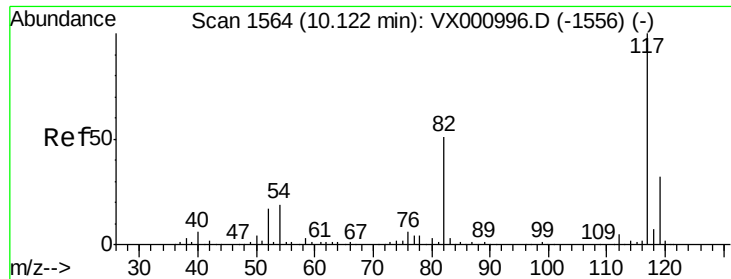


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

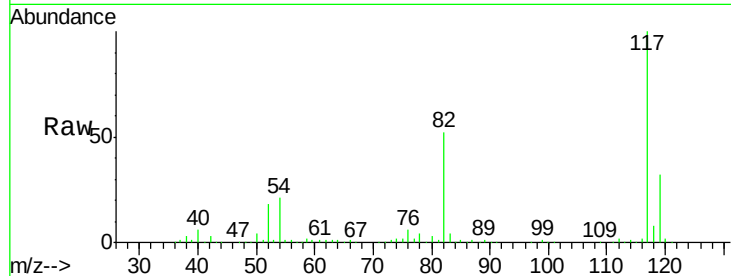




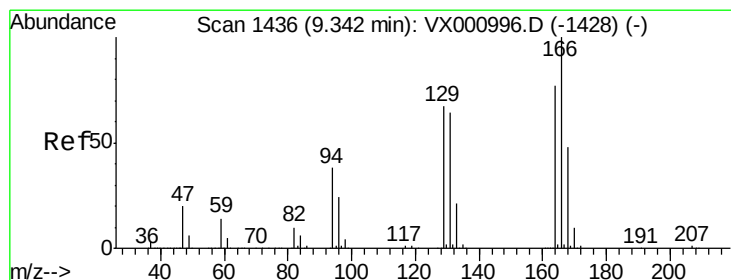
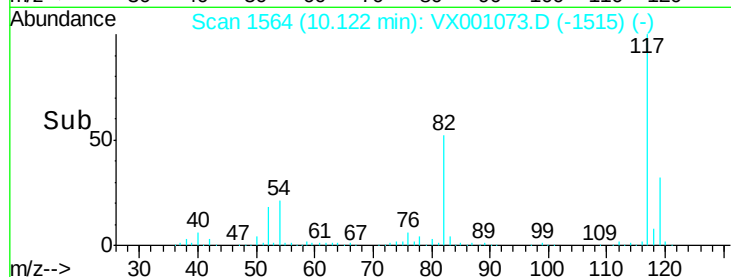
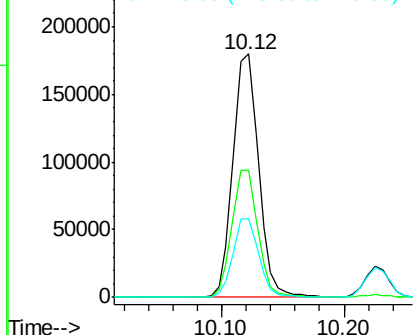
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tgt Ion:117 Resp: 260927
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.2 26.0 39.0

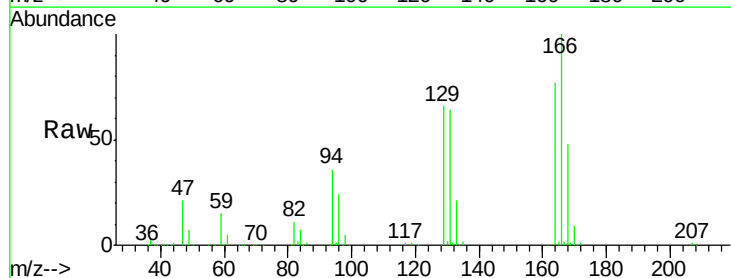


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

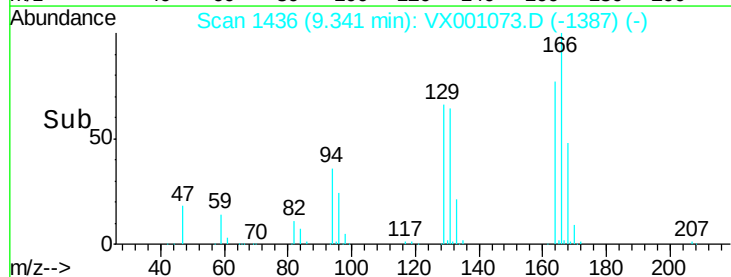
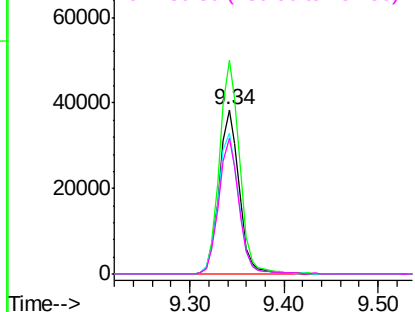


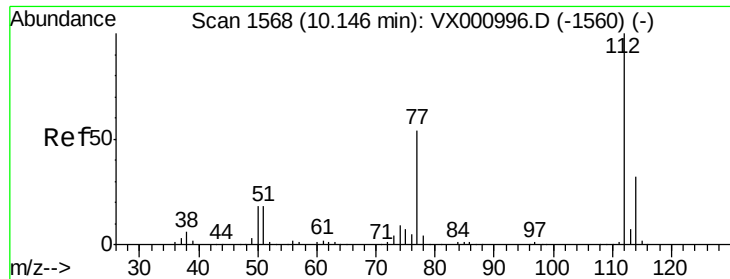
#64
Tetrachloroethene
Concen: 20.48 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion:164 Resp: 56744
Ion Ratio Lower Upper
164 100
166 130.0 103.5 155.3
129 86.1 69.6 104.4
131 82.9 65.8 98.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.30 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

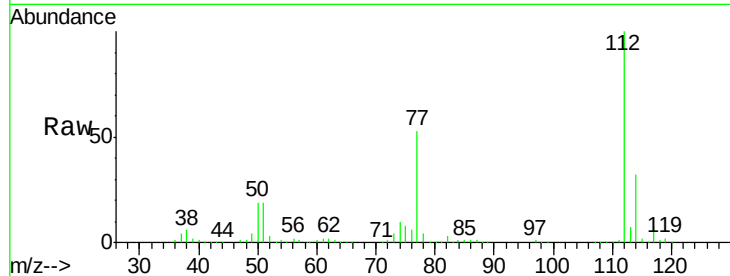
VX0423MBS01

Tgt Ion:112 Resp: 141041

Ion Ratio Lower Upper

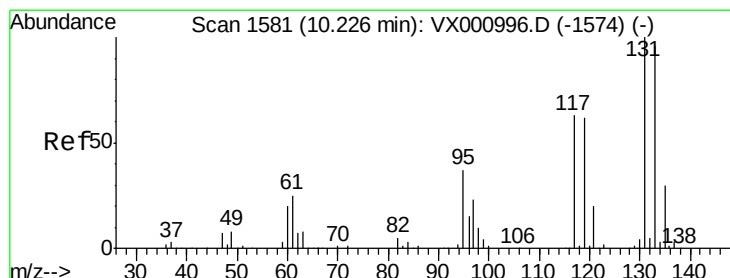
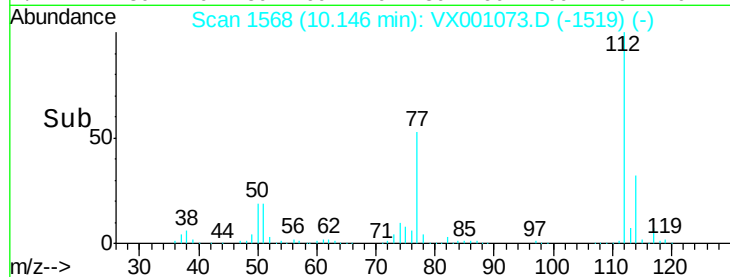
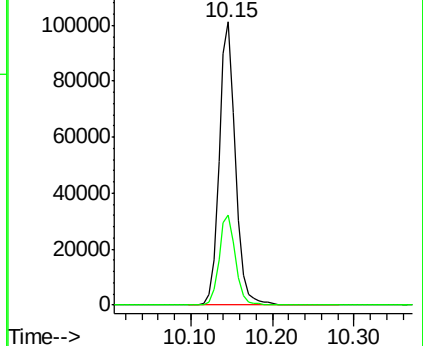
112 100

114 31.9 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: 19.95 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

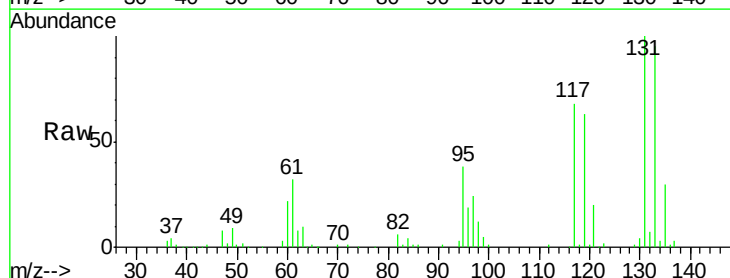
Tgt Ion:131 Resp: 47572

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.8

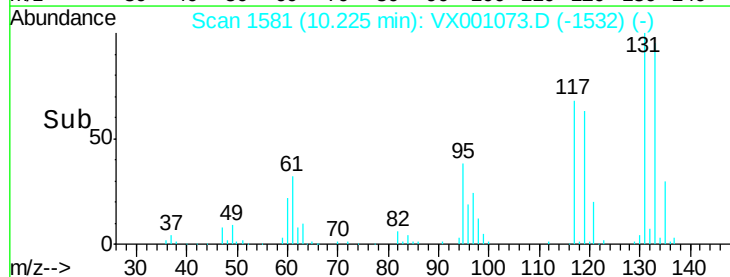
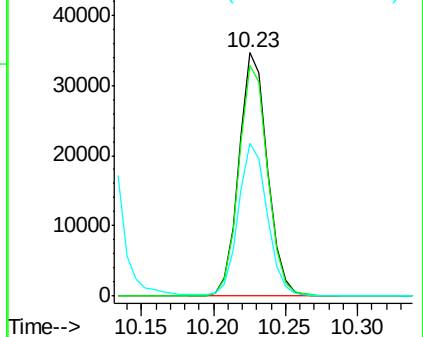
119 63.9 31.1 93.2

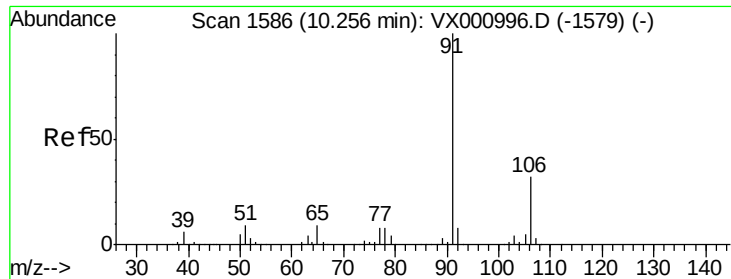


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

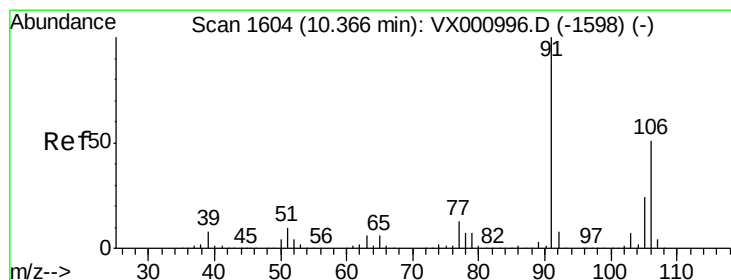
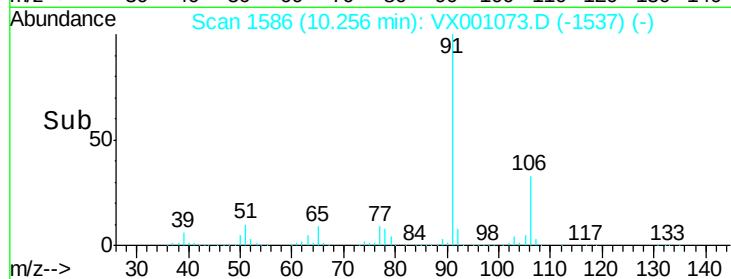
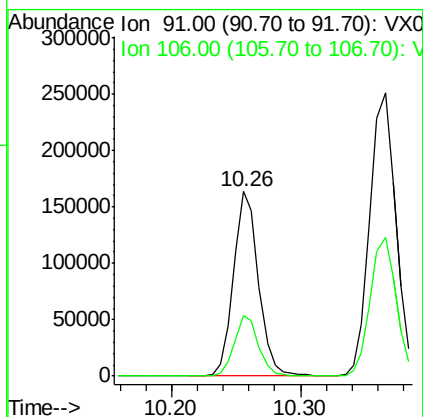
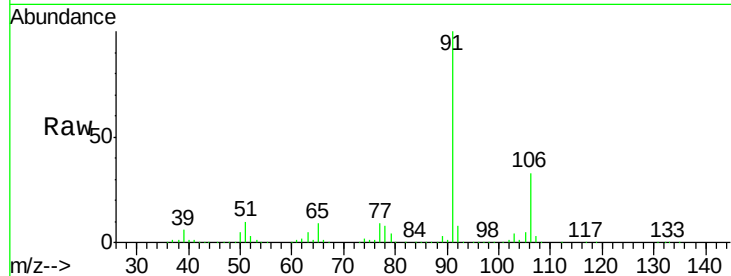




#67
Ethyl Benzene
Concen: 19.29 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

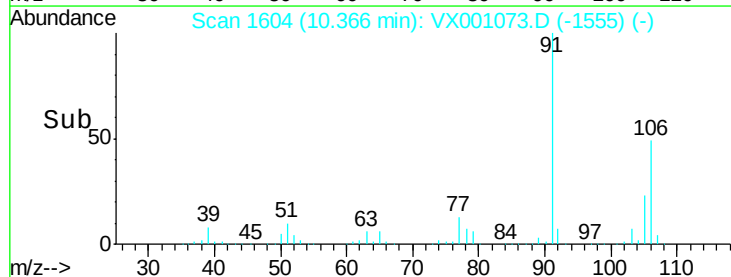
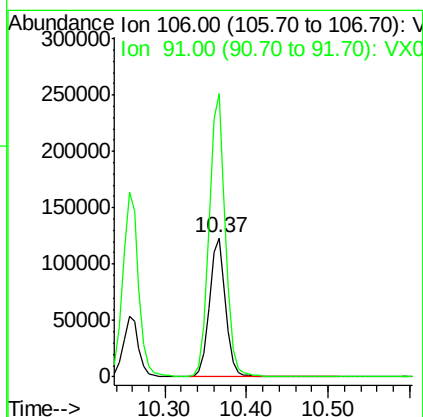
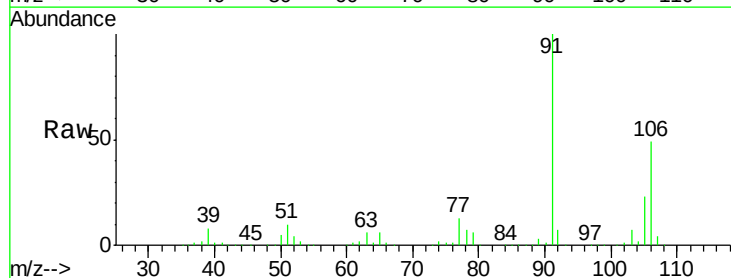
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

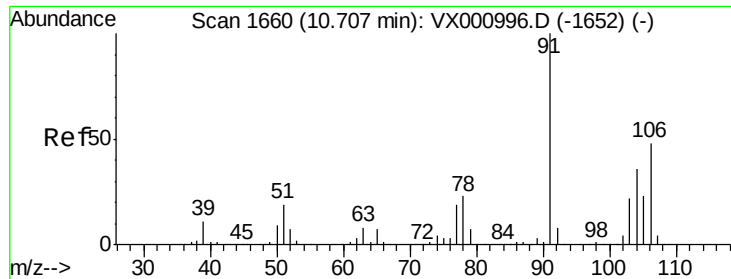
Tgt Ion: 91 Resp: 222554
Ion Ratio Lower Upper
91 100
106 32.6 25.7 38.5



#68
m/p-Xylenes
Concen: 38.21 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 106 Resp: 173765
Ion Ratio Lower Upper
106 100
91 203.7 159.3 238.9

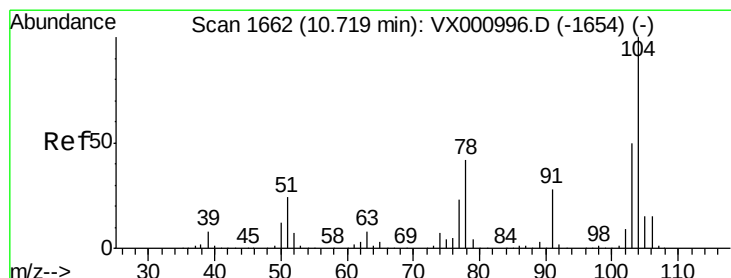
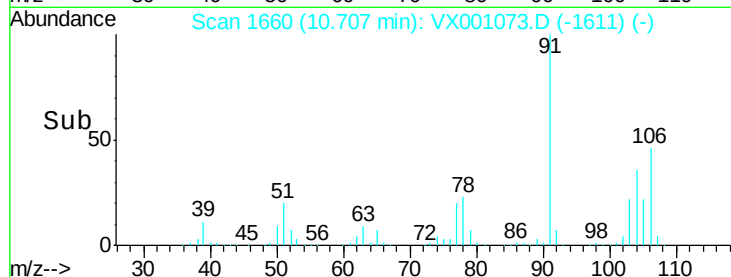
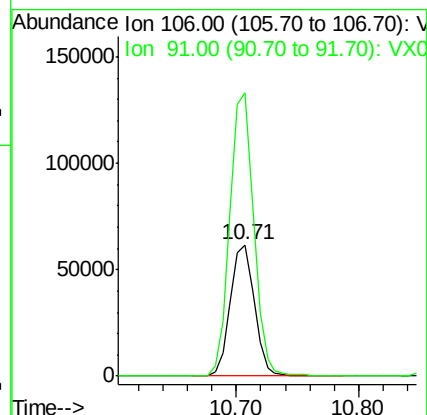
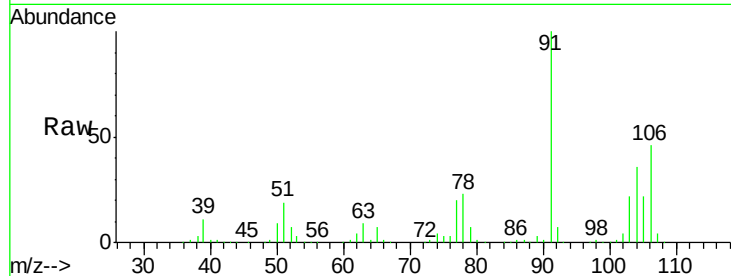




#69
o-Xylene
Concen: 19.18 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

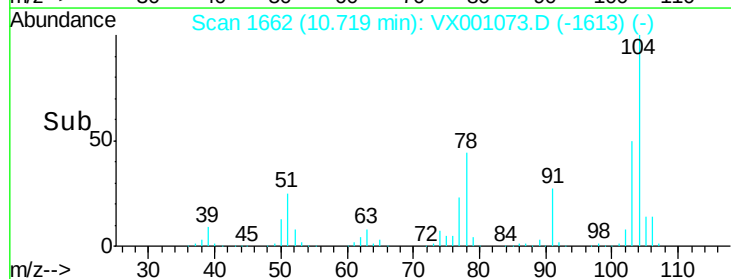
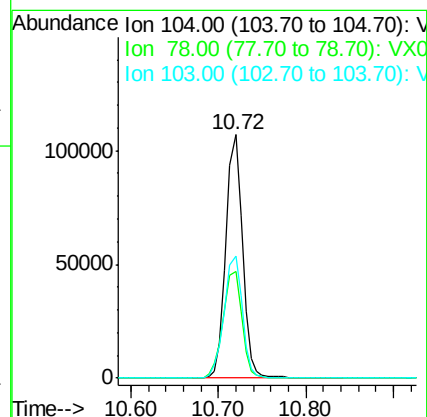
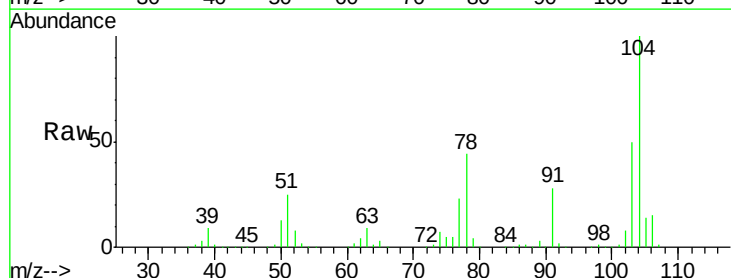
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

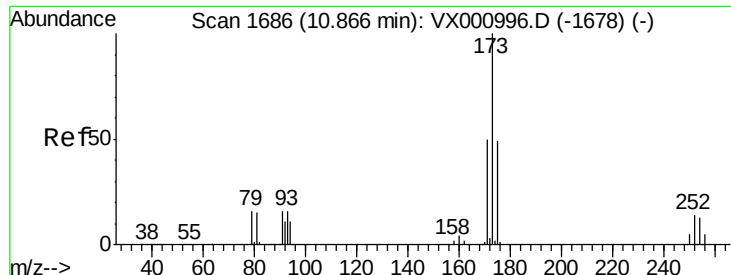
Tgt Ion:106 Resp: 84089
Ion Ratio Lower Upper
106 100
91 214.9 105.1 315.1



#70
Styrene
Concen: 19.52 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion:104 Resp: 140969
Ion Ratio Lower Upper
104 100
78 50.4 39.4 59.2
103 55.4 44.2 66.2

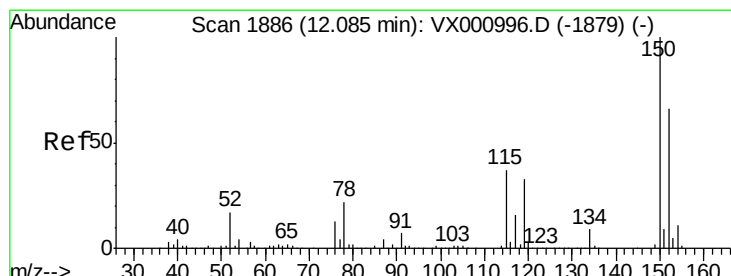
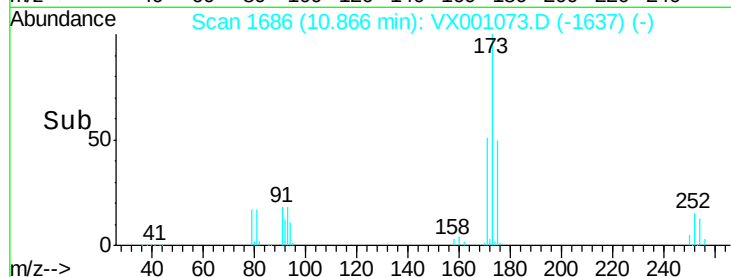
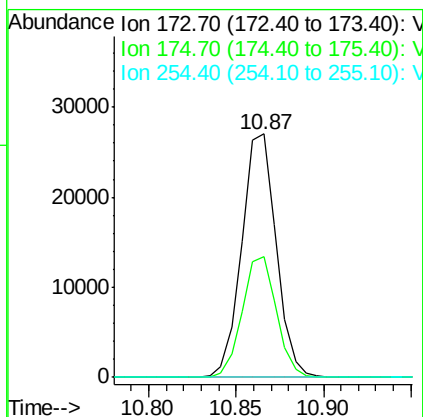
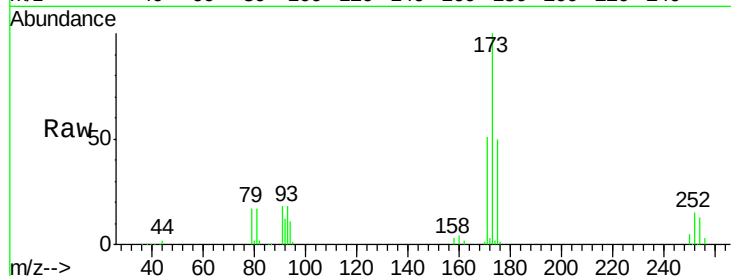




#71
Bromoform
Concen: 18.50 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

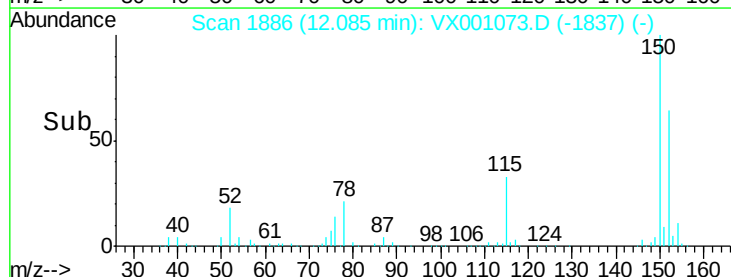
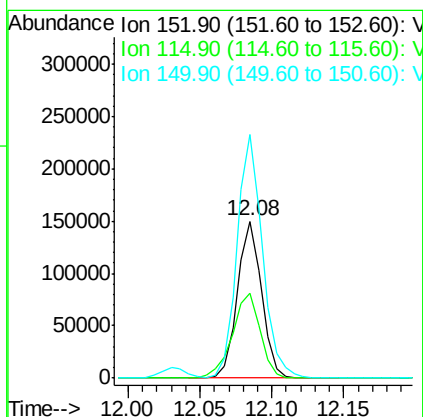
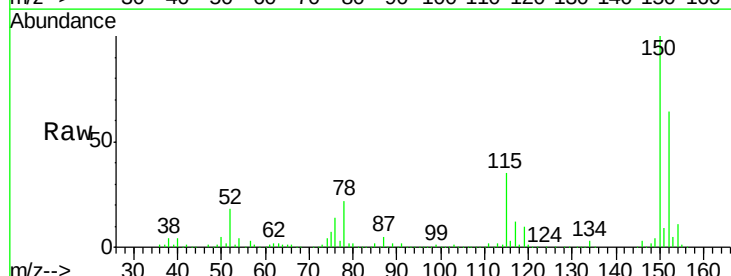
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

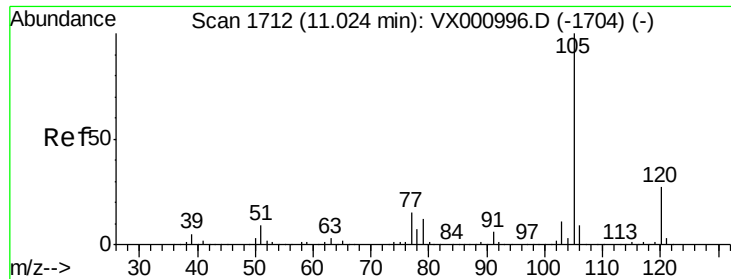
Tgt Ion:173 Resp: 37045
Ion Ratio Lower Upper
173 100
175 49.1 24.8 74.3
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion:152 Resp: 174754
Ion Ratio Lower Upper
152 100
115 62.9 38.2 114.6
150 163.8 0.0 350.4

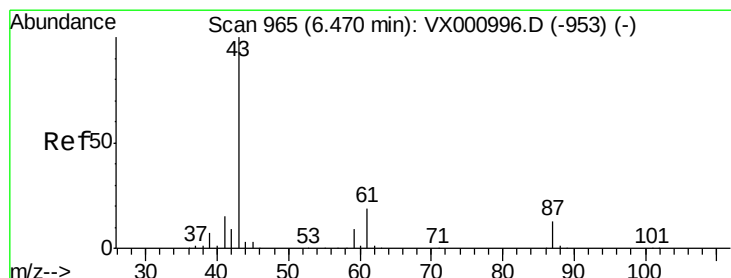
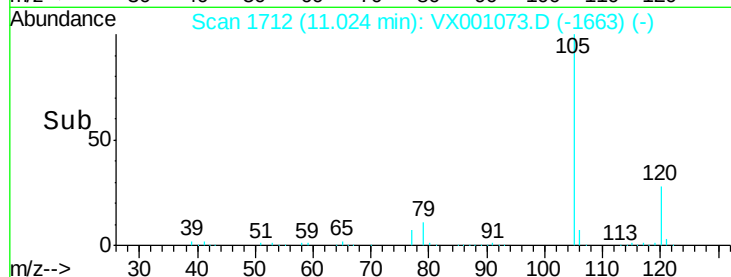
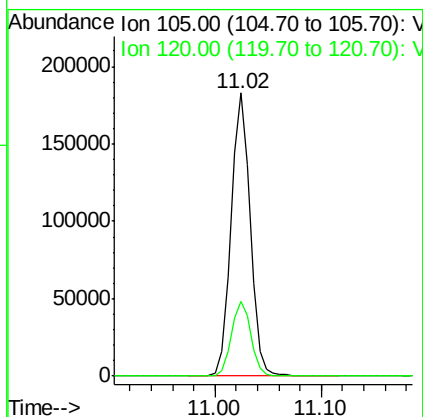
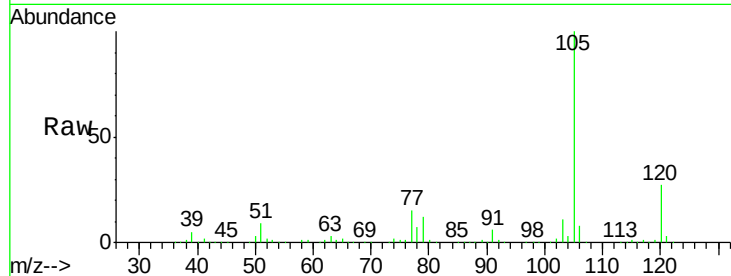




#73
Isopropylbenzene
Concen: 20.21 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

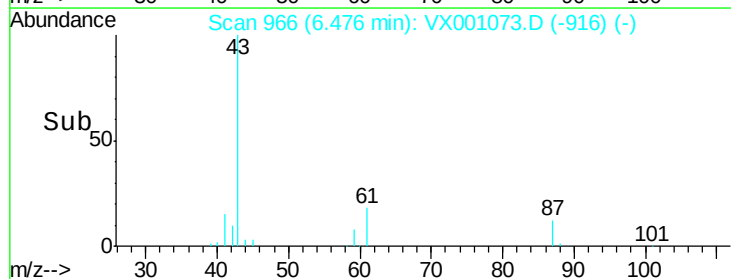
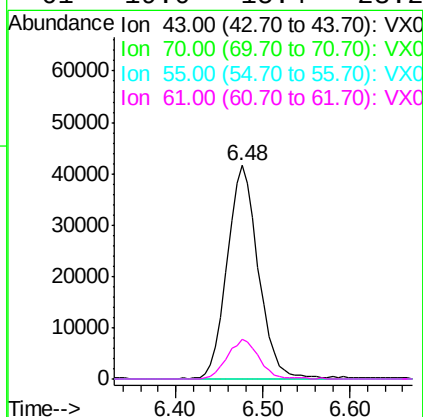
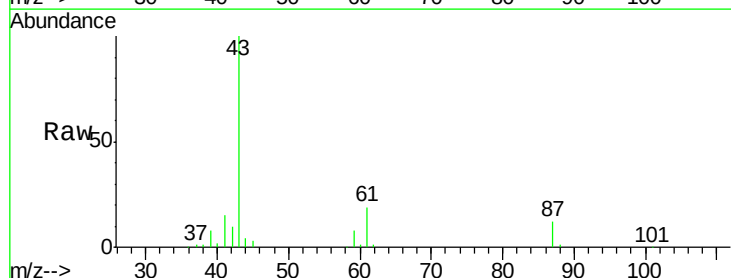
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

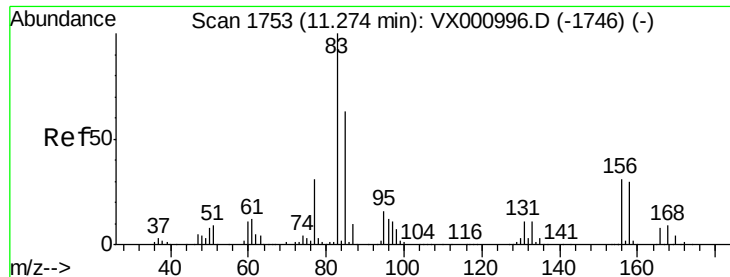
Tgt Ion: 105 Resp: 230916
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 21.00 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 43 Resp: 102629
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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

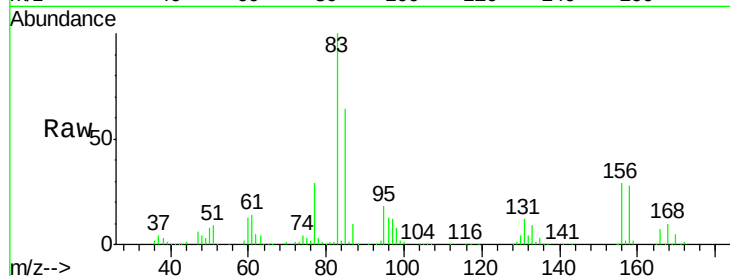
Tgt Ion: 83 Resp: 70093

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

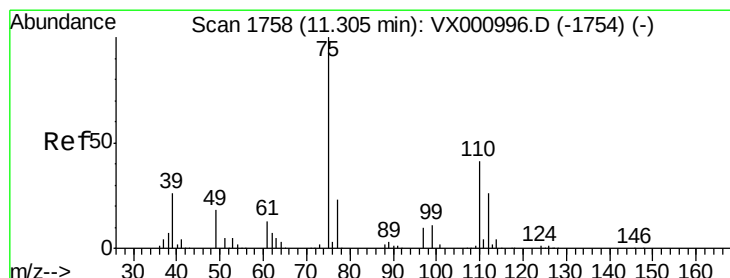
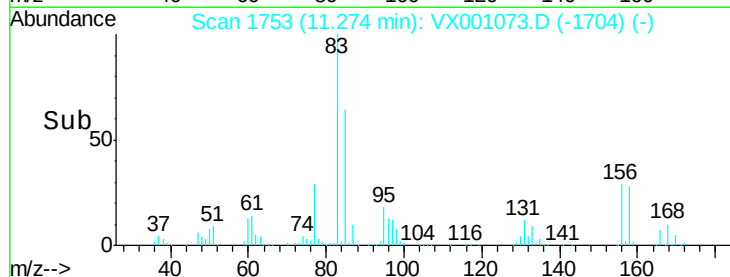
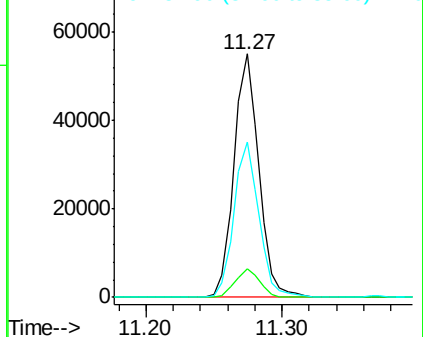
85 64.0 32.0 96.2



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: 25.13 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001073.D

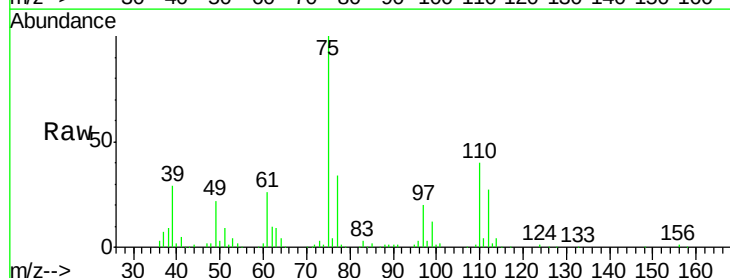
Acq: 23 Apr 2018 21:26

Tgt Ion: 75 Resp: 76179

Ion Ratio Lower Upper

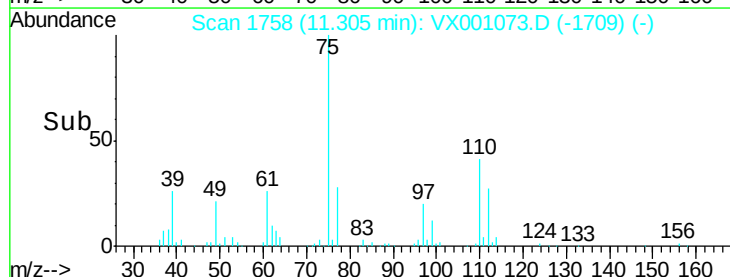
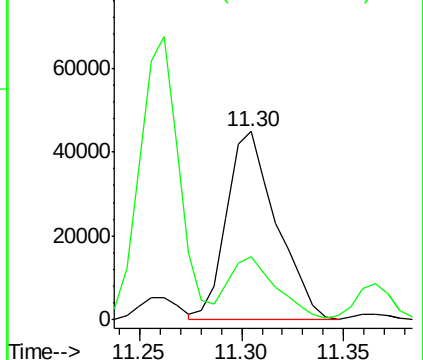
75 100

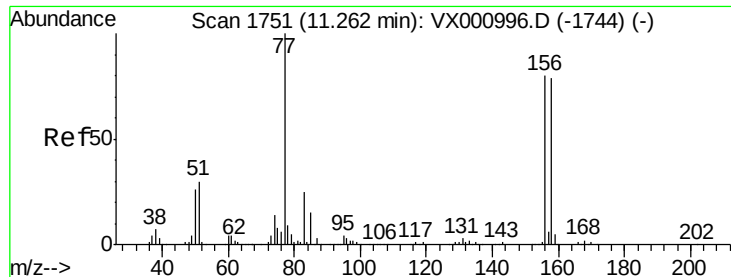
77 31.4 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

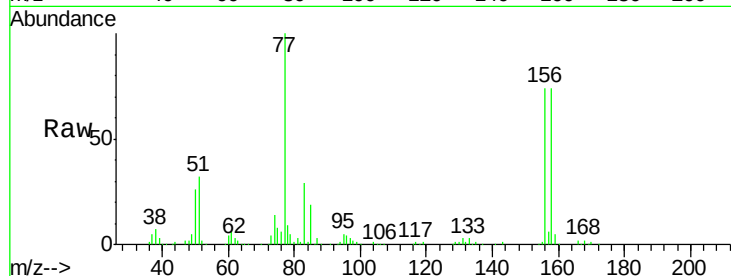
Tgt Ion:156 Resp: 65926

Ion Ratio Lower Upper

156 100

77 136.1 66.3 199.0

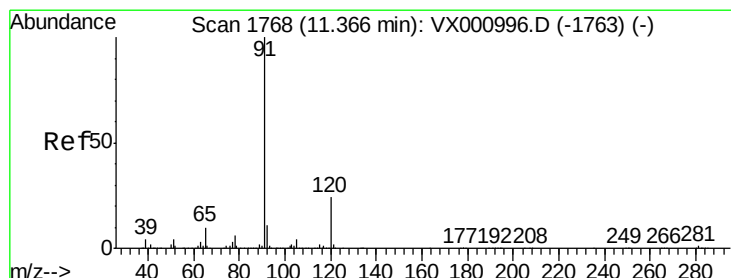
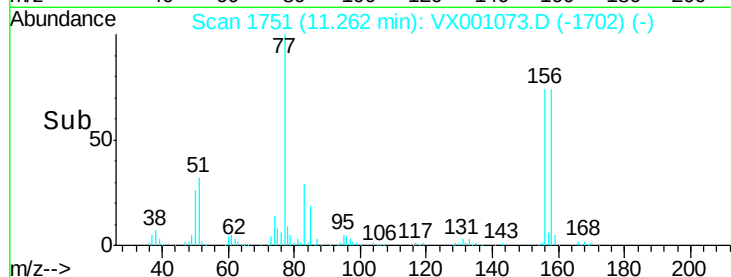
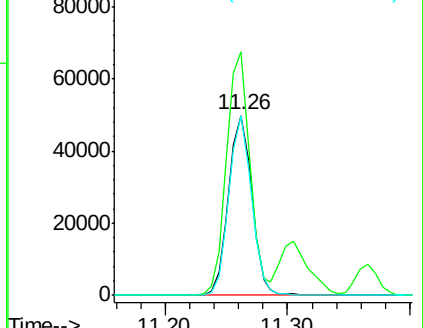
158 96.4 48.9 146.6



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: 19.70 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001073.D

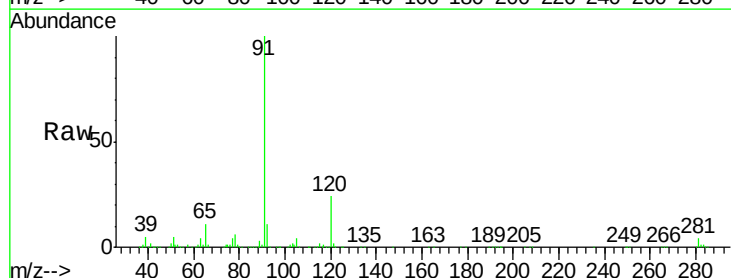
Acq: 23 Apr 2018 21:26

Tgt Ion: 91 Resp: 258344

Ion Ratio Lower Upper

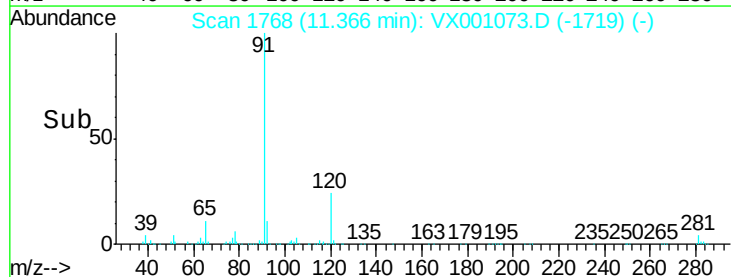
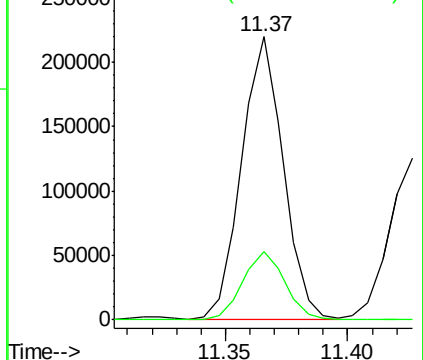
91 100

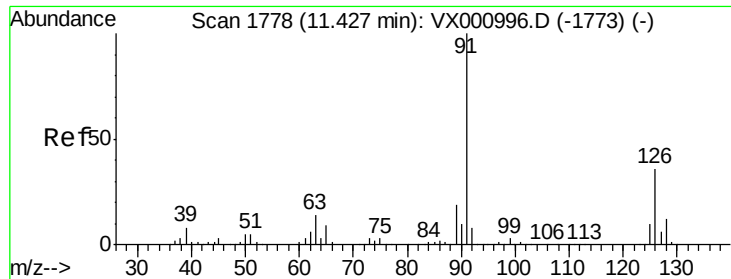
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

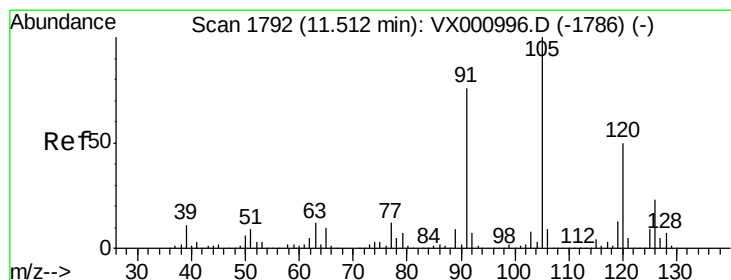
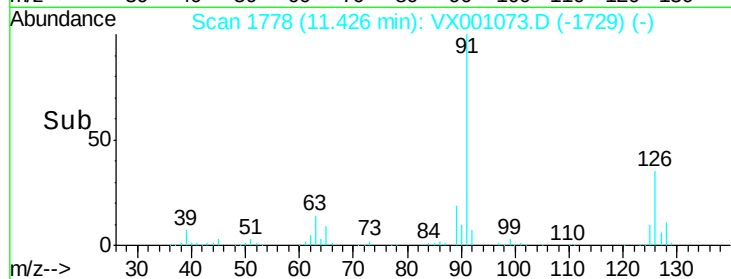
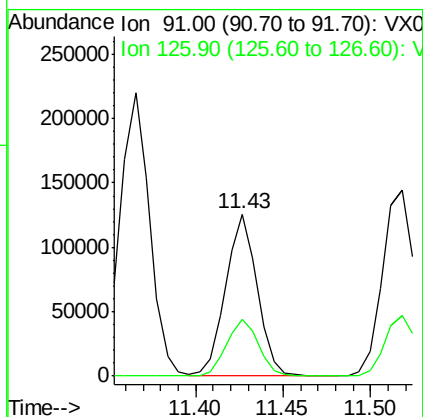
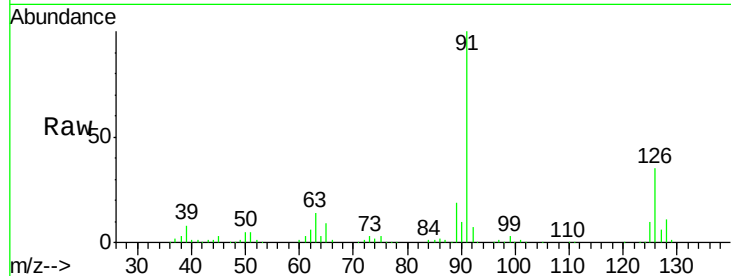




#79
 2-Chlorotoluene
 Concen: 20.21 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

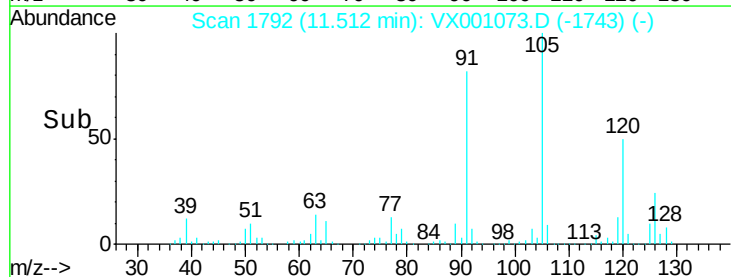
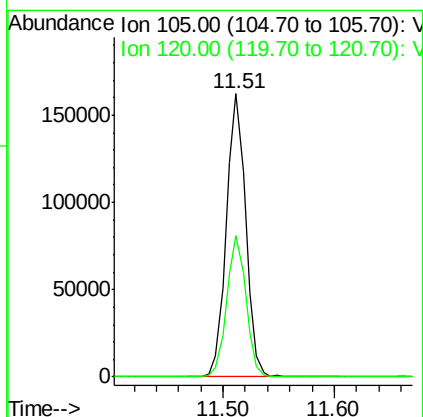
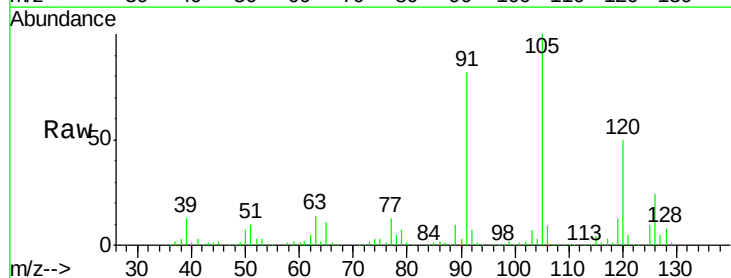
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

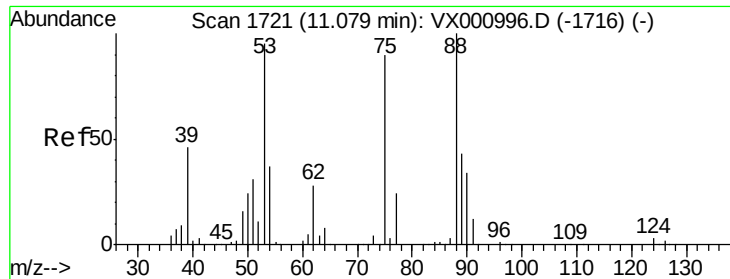
Tgt Ion: 91 Resp: 156661
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.12 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 105 Resp: 194826
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.02 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

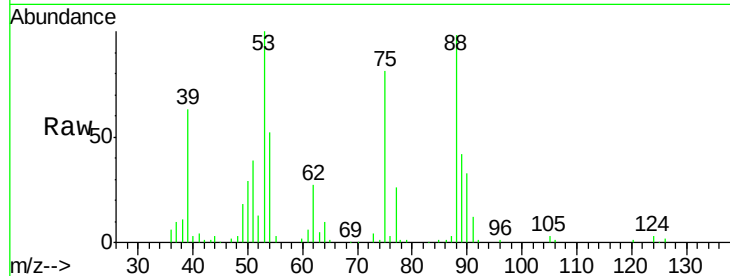
Tgt Ion: 75 Resp: 14559

Ion Ratio Lower Upper

75 100

53 122.0 83.4 125.2

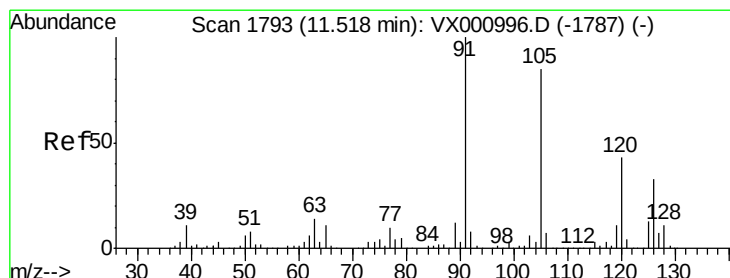
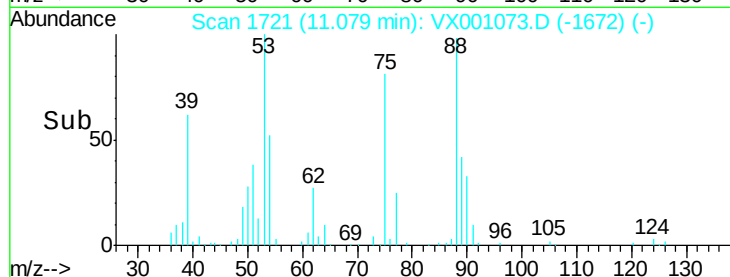
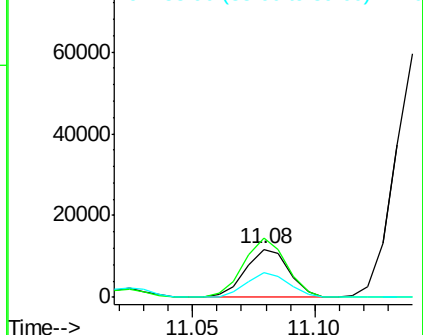
89 49.9 39.7 59.5



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: 19.82 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001073.D

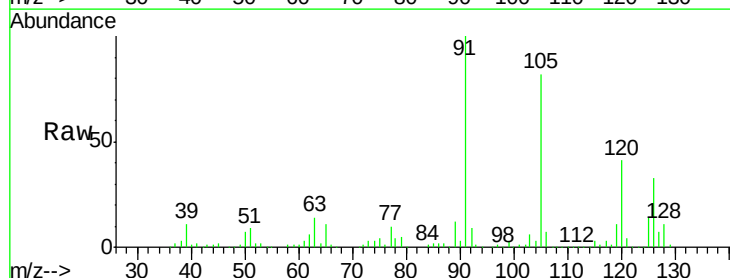
Acq: 23 Apr 2018 21:26

Tgt Ion: 91 Resp: 185607

Ion Ratio Lower Upper

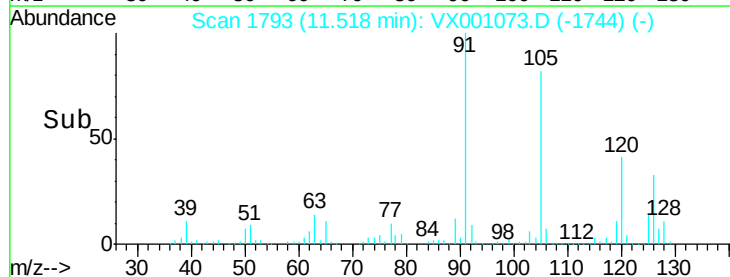
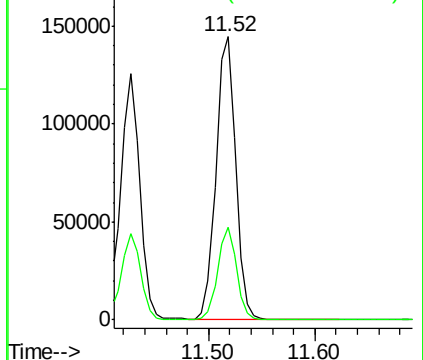
91 100

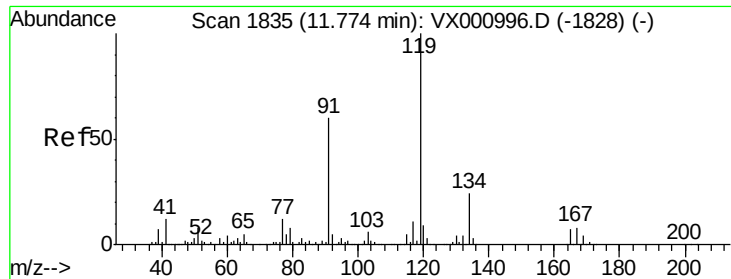
126 31.4 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

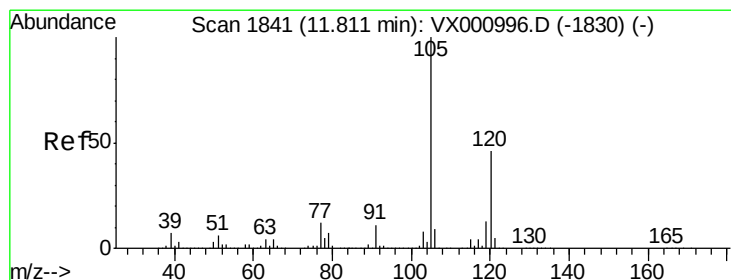
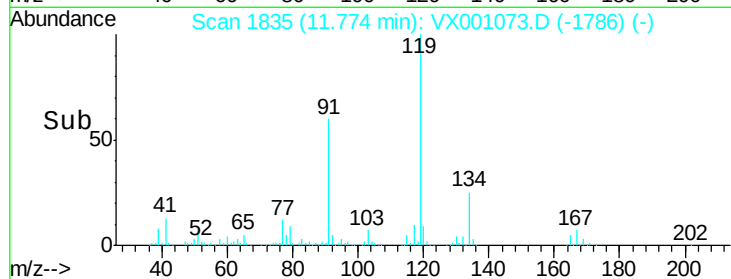
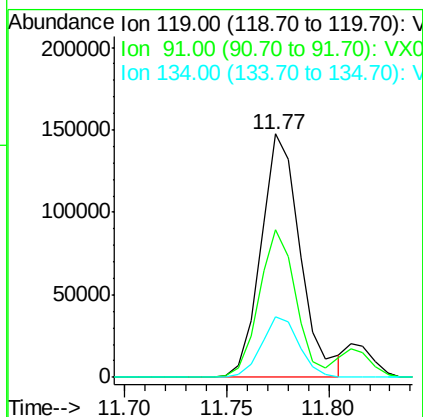
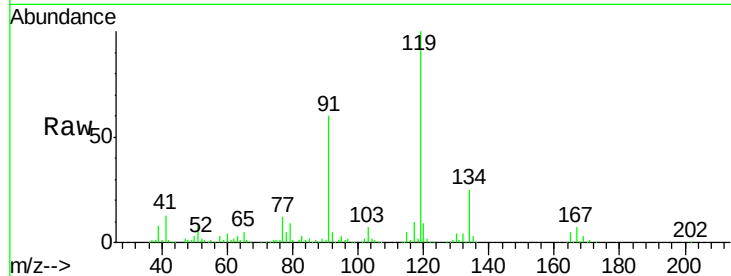




#83
 tert-Butylbenzene
 Concen: 20.19 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

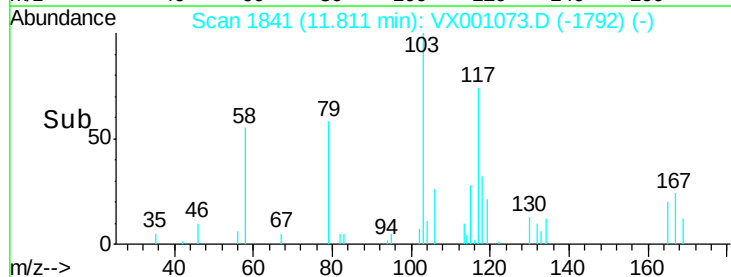
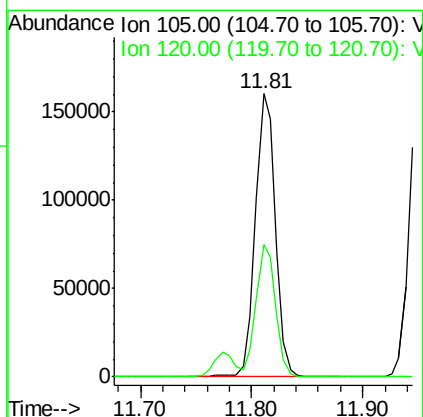
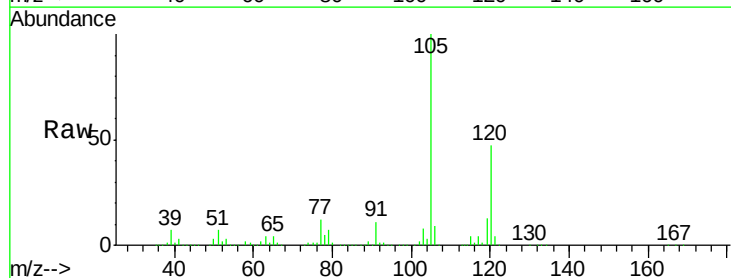
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

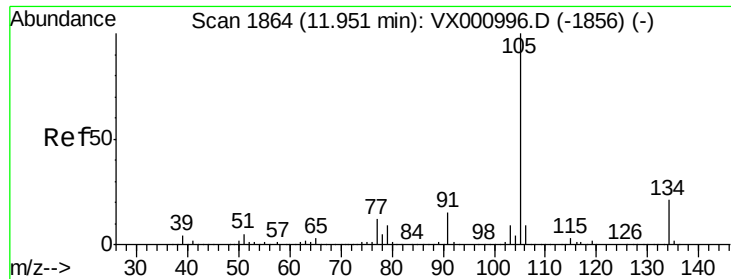
Tgt Ion:119 Resp: 197205
 Ion Ratio Lower Upper
 119 100
 91 56.9 27.0 81.0
 134 23.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion:105 Resp: 200561
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.85 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

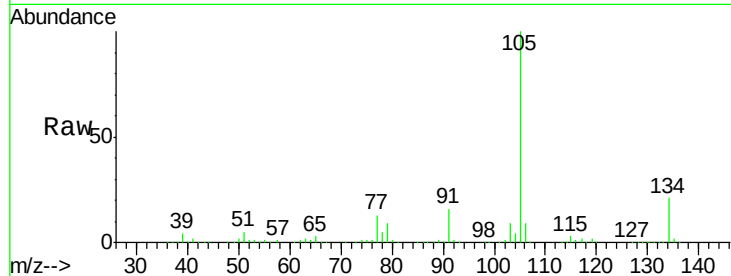
VX0423MBSD01

Tgt Ion:105 Resp: 231529

Ion Ratio Lower Upper

105 100

134 21.4 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

200000

150000

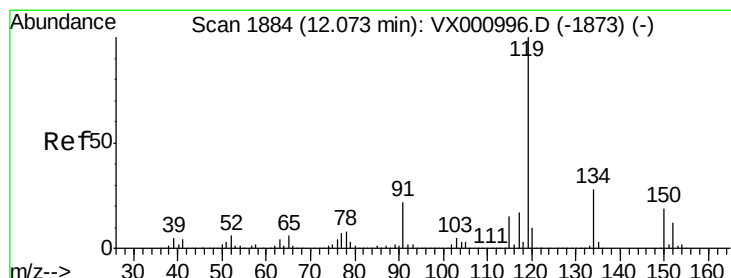
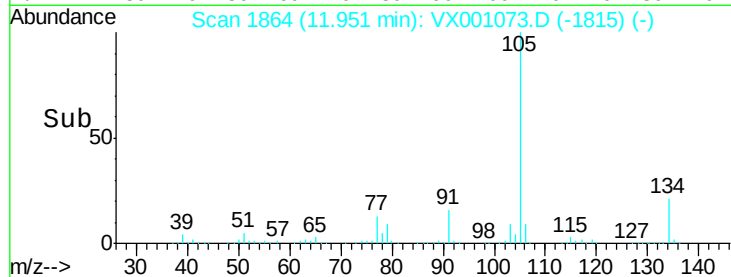
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 19.70 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

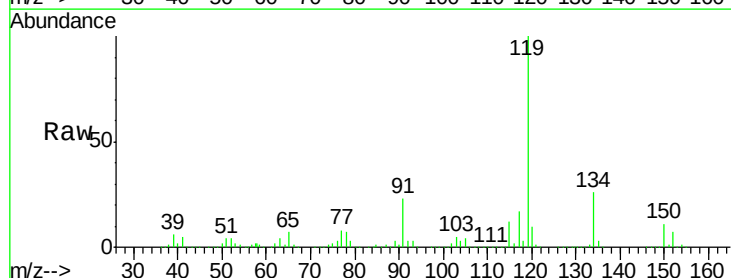
Tgt Ion:119 Resp: 212490

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 23.2 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): VX0

12.07

200000

150000

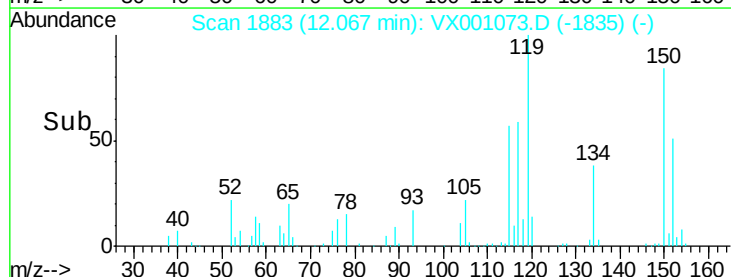
100000

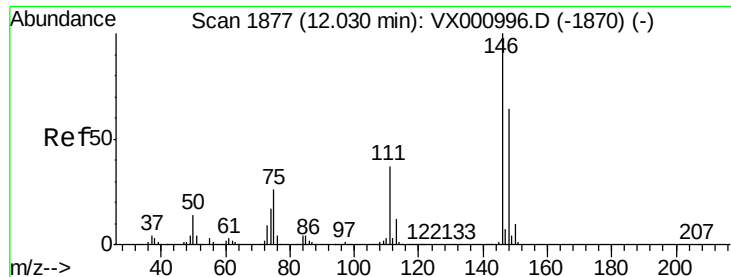
50000

0

Time-->

12.00 12.10 12.20

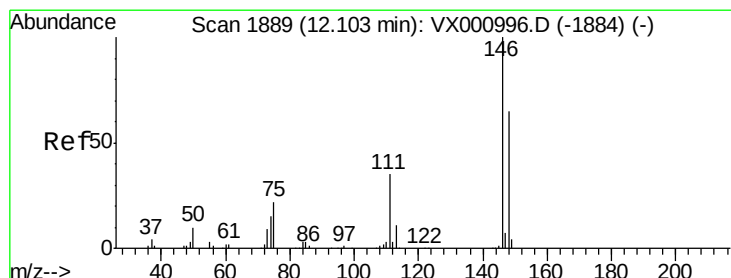
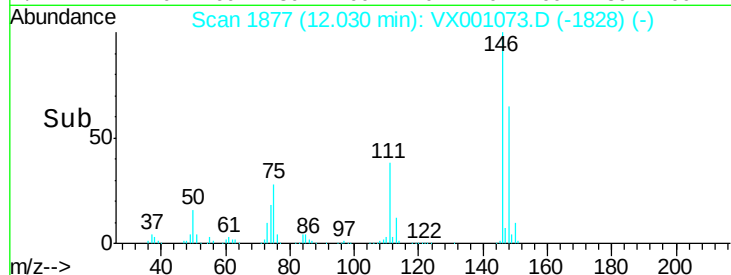
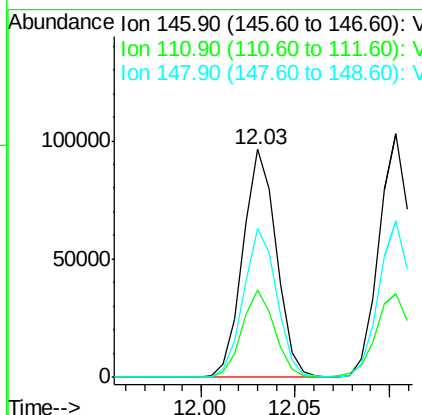
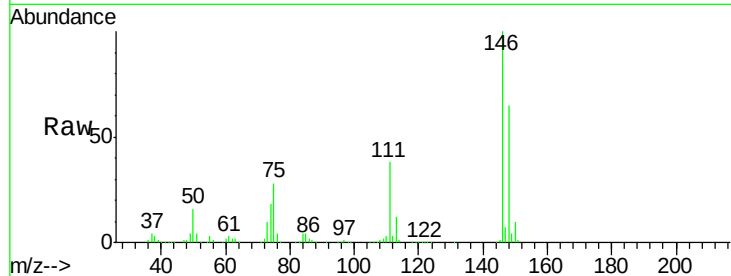




#87
 1,3-Dichlorobenzene
 Concen: 19.17 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

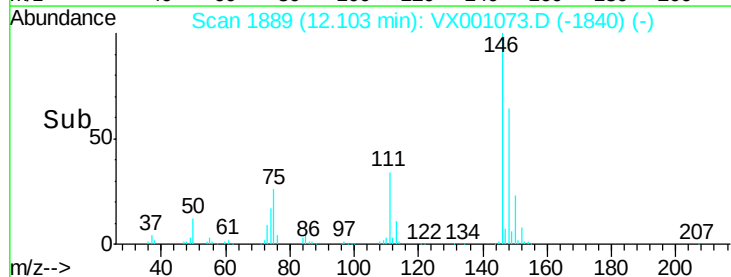
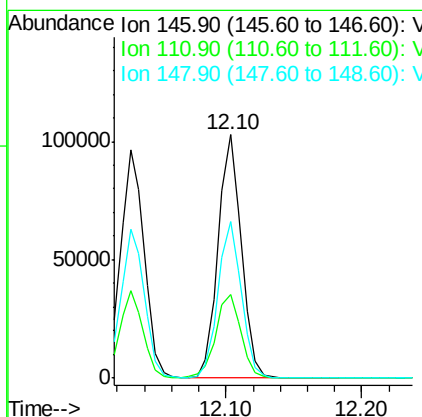
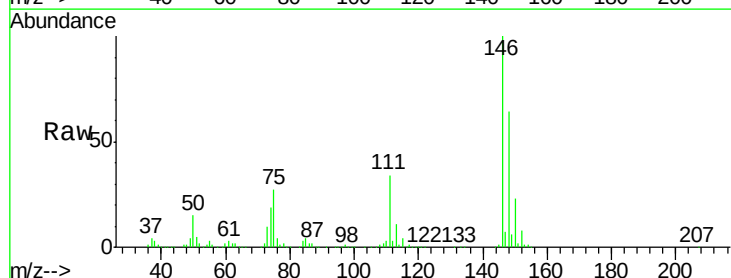
Instrument :
 MSVOA_X
 ClientSampled :
 VX0423MBS01

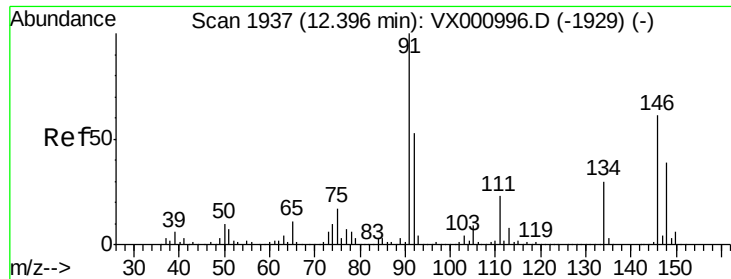
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.3	54.8
148	64.7	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.12 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.0	54.0
148	64.9	32.4	97.0

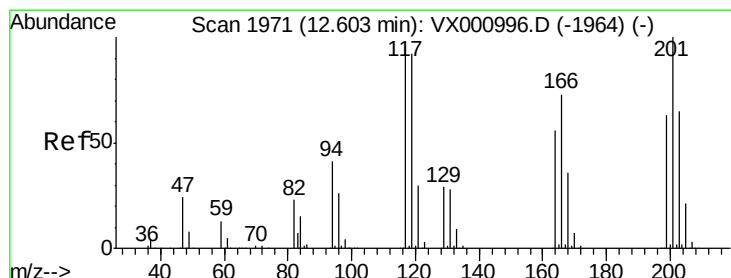
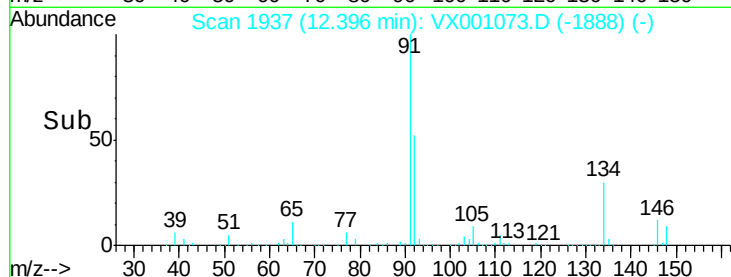
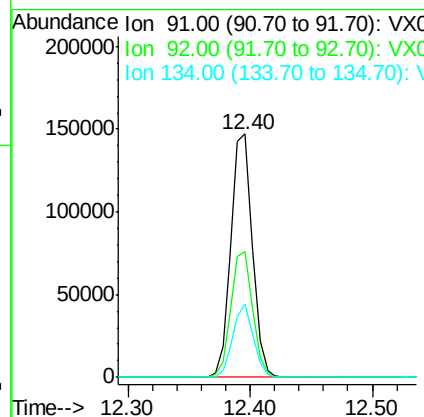
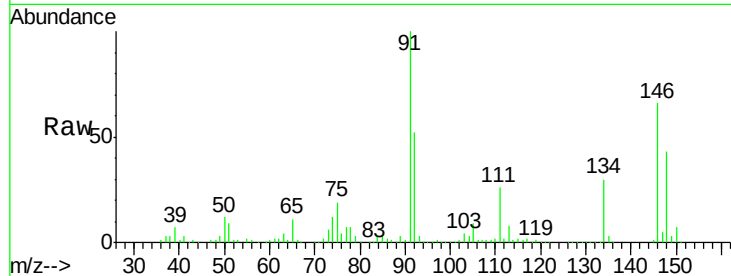




#89
n-Butylbenzene
Concen: 18.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

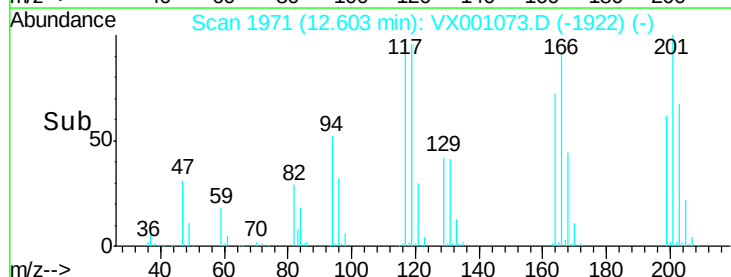
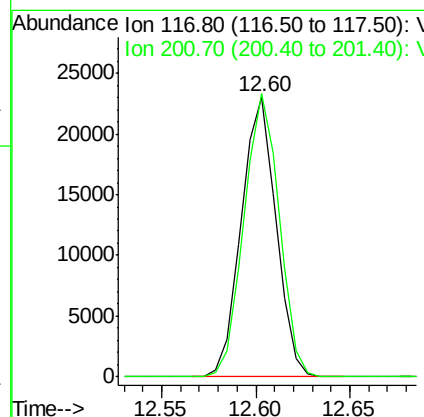
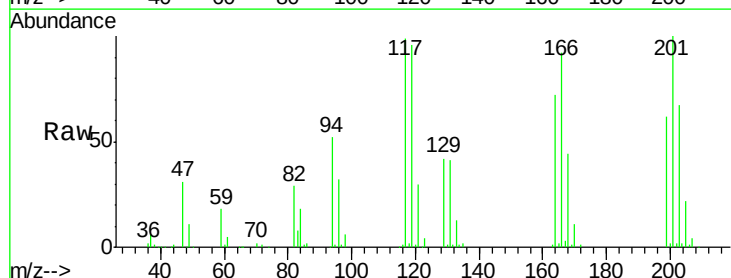
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

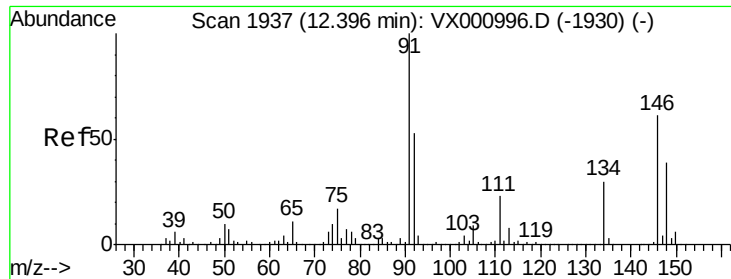
Tgt Ion: 91 Resp: 177962
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 28.4 14.4 43.0



#90
Hexachloroethane
Concen: 19.32 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 117 Resp: 29530
Ion Ratio Lower Upper
117 100
201 102.3 52.3 157.1

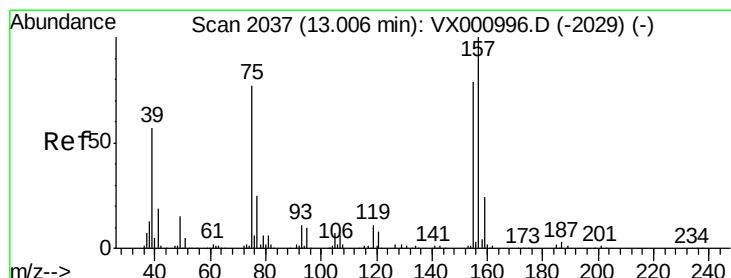
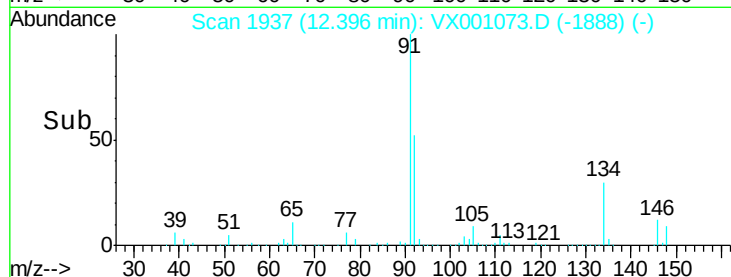
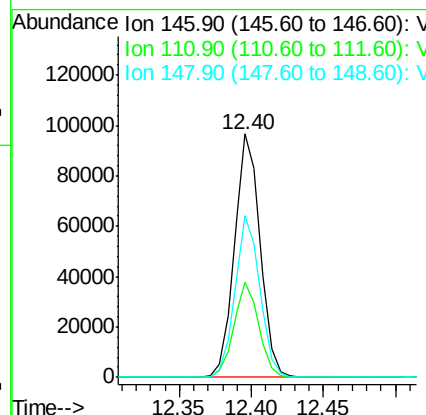
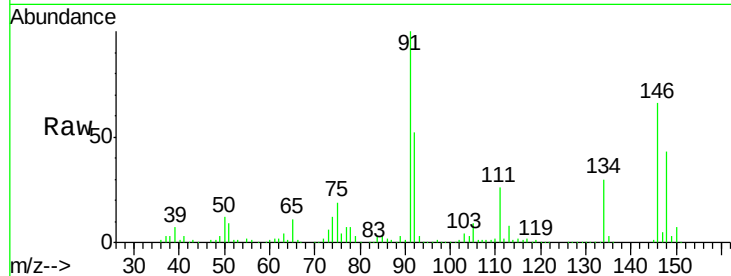




#91
 1,2-Dichlorobenzene
 Concen: 20.10 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

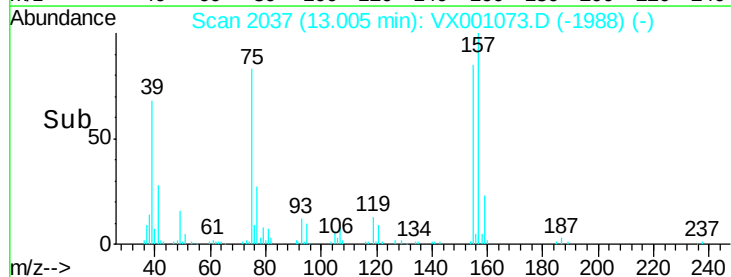
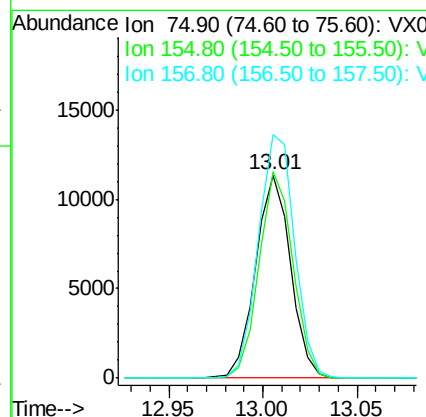
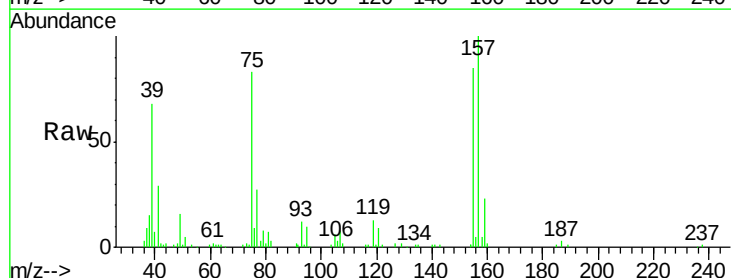
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

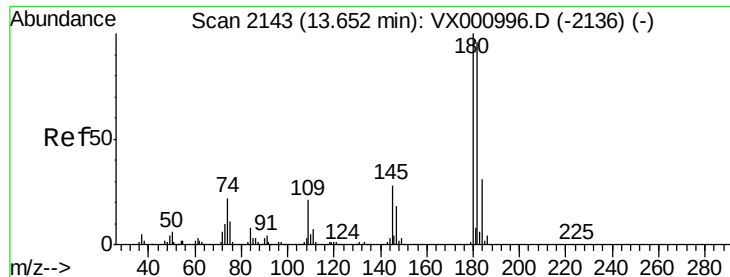
Tgt Ion: 146 Resp: 120798
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 56.0
 148 64.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.55 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 75 Resp: 14603
 Ion Ratio Lower Upper
 75 100
 155 98.3 51.0 153.0
 157 124.7 64.9 194.7

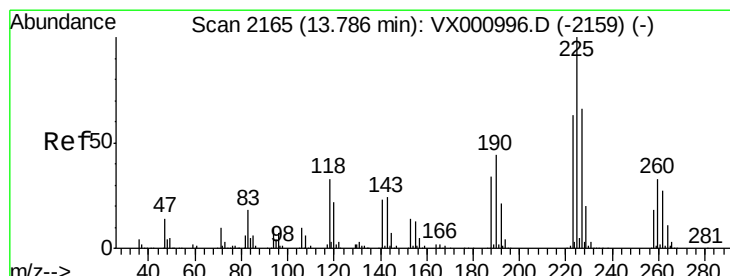
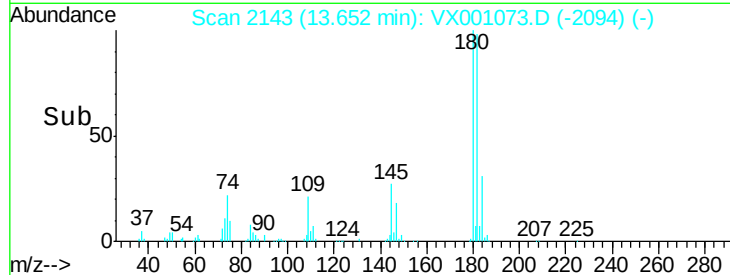
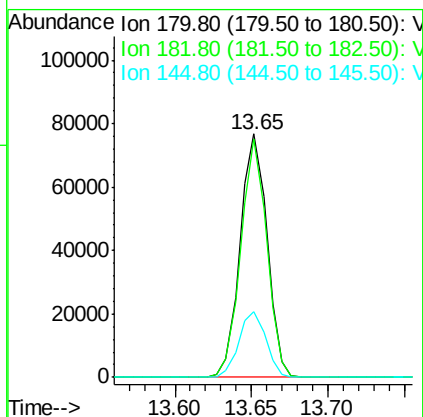
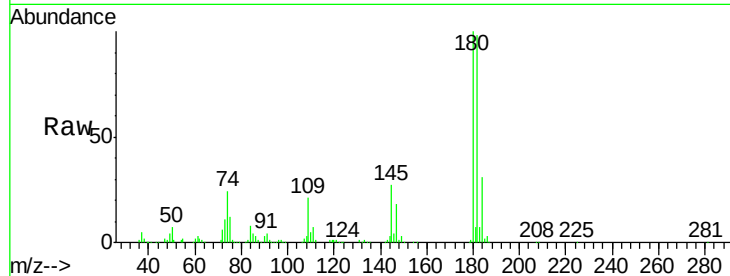




#93
 1,2,4-Trichlorobenzene
 Concen: 18.58 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

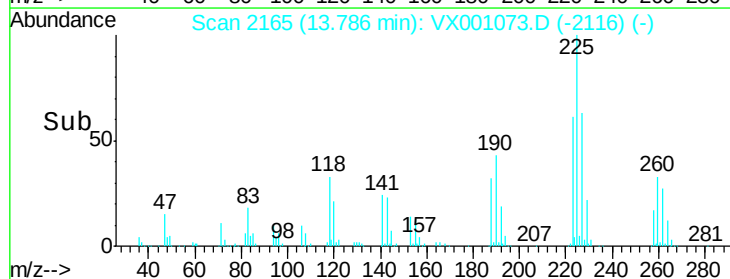
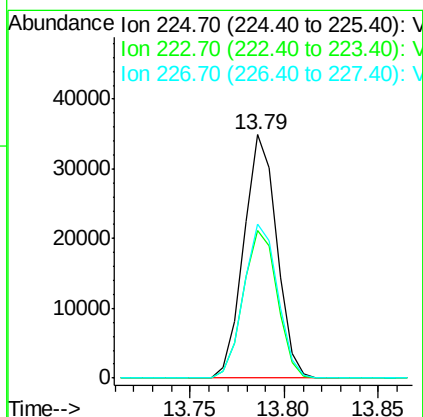
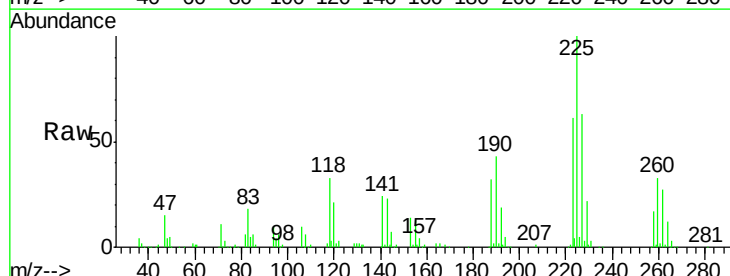
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

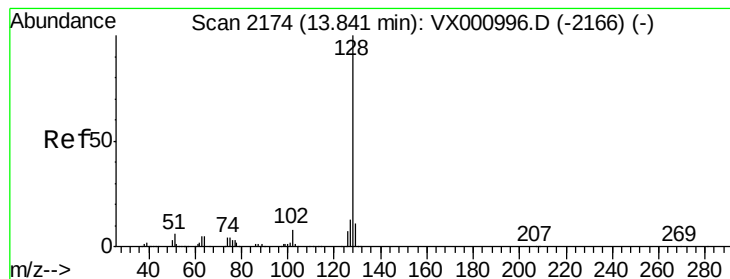
Tgt Ion:180 Resp: 93725
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.0 144.0
 145 27.2 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 18.61 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion:225 Resp: 42484
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.5 94.5
 227 64.9 32.6 97.8





#95

Naphthalene

Concen: 20.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

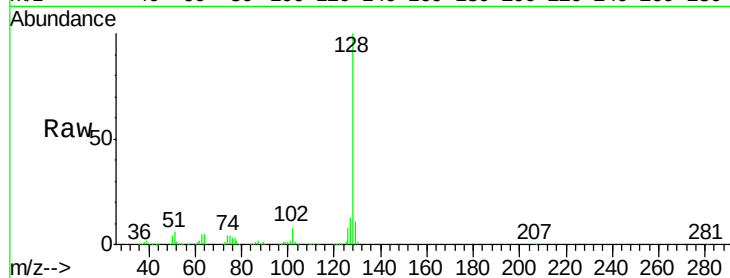
Tgt Ion:128 Resp: 254712

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

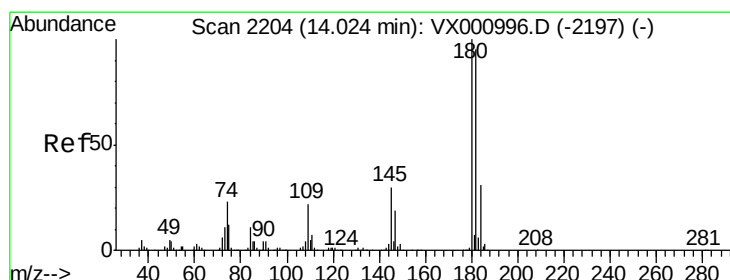
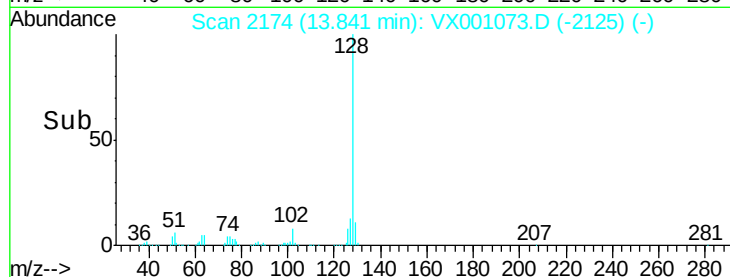
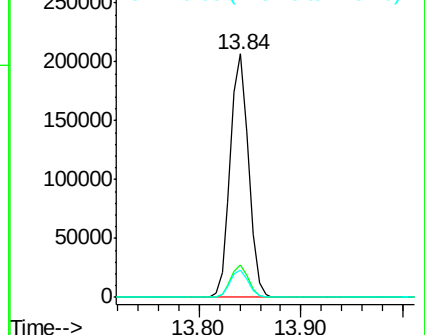
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.14 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

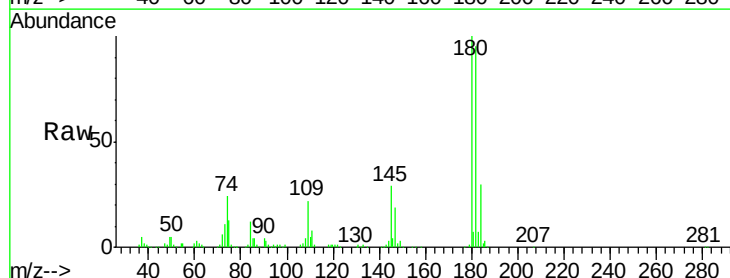
Tgt Ion:180 Resp: 93392

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 29.1 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

