

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
 Data File : VX001408.D
 Acq On : 04 May 2018 20:20
 Operator : JC/MD
 Sample : VX0504MBSD01
 Misc : 5.00g/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBSD01

Quant Time: May 05 05:45:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	146164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	195754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122511	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	101076	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.51	113	85631	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	8.72	98	310790	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.15	95	112134	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	33779	20.89	ug/l	97
3) Chloromethane	1.32	50	32402	20.41	ug/l	100
4) Vinyl Chloride	1.40	62	35808	21.43	ug/l	97
5) Bromomethane	1.64	94	28435	21.93	ug/l	98
6) Chloroethane	1.72	64	24425	23.12	ug/l	98
7) Trichlorofluoromethane	1.93	101	64354	22.82	ug/l	98
8) Diethyl Ether	2.19	74	22893	23.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35592	21.89	ug/l	100
10) Methyl Iodide	2.51	142	48487	29.32	ug/l	99
11) Tert butyl alcohol	3.09	59	52324	150.31	ug/l	99
12) 1,1-Dichloroethene	2.37	96	32121	21.91	ug/l	97
13) Acrolein	2.30	56	13704	68.37	ug/l	97
14) Allyl chloride	2.73	41	58103	22.65	ug/l	99
15) Acrylonitrile	3.16	53	110489	136.95	ug/l	99
16) Acetone	2.45	43	105047	121.63	ug/l	99
17) Carbon Disulfide	2.57	76	66455	17.40	ug/l	98
18) Methyl Acetate	2.78	43	62281	30.53	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	118654	23.76	ug/l	99
20) Methylene Chloride	2.86	84	37443	23.17	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	34105	21.37	ug/l	97
22) Diisopropyl ether	3.88	45	119759	24.24	ug/l	98
23) Vinyl Acetate	3.84	43	513216	122.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	65389	23.76	ug/l	99
25) 2-Butanone	4.73	43	144950	124.13	ug/l	99
26) 2,2-Dichloropropane	4.59	77	34178	15.26	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	35940	20.49	ug/l	96
28) Bromochloromethane	5.03	49	31376	25.36	ug/l	98
29) Tetrahydrofuran	5.18	42	92772	129.18	ug/l	99
30) Chloroform	5.23	83	63544	21.84	ug/l	99
31) Cyclohexane	5.58	56	46860	18.85	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	54130	21.29	ug/l	99
36) 1,1-Dichloropropene	5.81	75	42938	19.01	ug/l	98
37) Ethyl Acetate	4.88	43	53039	23.25	ug/l	98
38) Carbon Tetrachloride	5.79	117	47753	20.17	ug/l	93

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	46483	17.40	ug/l	99
40) Benzene	6.15	78	134031	20.62	ug/l	99
41) Methacrylonitrile	5.08	41	29685	22.34	ug/l	98
42) 1,2-Dichloroethane	6.21	62	52103	20.71	ug/l	99
43) Isopropyl Acetate	6.48	43	81432	22.05	ug/l	99
44) Trichloroethene	7.22	130	42094	21.16	ug/l	100
45) 1,2-Dichloropropane	7.52	63	35234	21.11	ug/l	100
46) Dibromomethane	7.67	93	24674	21.09	ug/l	98
47) Bromodichloromethane	7.91	83	43130	20.62	ug/l	100
48) Methyl methacrylate	7.79	41	42566	21.68	ug/l	97
49) 1,4-Dioxane	7.77	88	19922	537.69	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	294878	123.84	ug/l	100
52) Toluene	8.79	92	88883	20.92	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	48104	19.34	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	43078	18.82	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	38416	22.39	ug/l	99
56) Ethyl methacrylate	9.19	69	51316	21.58	ug/l	99
57) 1,3-Dichloropropane	9.38	76	60292	21.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	131808	114.89	ug/l	100
59) 2-Hexanone	9.51	43	226911	121.93	ug/l	100
60) Dibromochloromethane	9.59	129	36598	20.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	39688	21.82	ug/l	100
64) Tetrachloroethene	9.34	164	52261	23.77	ug/l	98
65) Chlorobenzene	10.15	112	102974	20.40	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	37648	21.49	ug/l	99
67) Ethyl Benzene	10.26	91	165100	19.85	ug/l	99
68) m/p-Xylenes	10.37	106	129908	39.69	ug/l	98
69) o-Xylene	10.71	106	63819	20.10	ug/l	97
70) Styrene	10.72	104	105969	20.41	ug/l	98
71) Bromoform	10.87	173	29440	19.95	ug/l #	100
73) Isopropylbenzene	11.02	105	174848	21.33	ug/l	100
74) N-amyl acetate	6.48	43	81432	23.16	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	55190	22.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	61088	26.97	ug/l	91
77) Bromobenzene	11.26	156	50830	21.50	ug/l	98
78) n-propylbenzene	11.37	91	188635	20.71	ug/l	100
79) 2-Chlorotoluene	11.43	91	115324	20.98	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	146977	21.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	10927	18.63	ug/l	87
82) 4-Chlorotoluene	11.52	91	134119	20.29	ug/l	99
83) tert-Butylbenzene	11.78	119	143296	20.88	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	151073	21.42	ug/l	99
85) sec-Butylbenzene	11.95	105	176084	21.44	ug/l	99
86) p-Isopropyltoluene	12.07	119	159035	21.11	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	90410	20.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	92018	20.22	ug/l	99
89) n-Butylbenzene	12.40	91	125971	19.16	ug/l	99
90) Hexachloroethane	12.60	117	22169	20.32	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	94626	21.54	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12092	24.37	ug/l	95

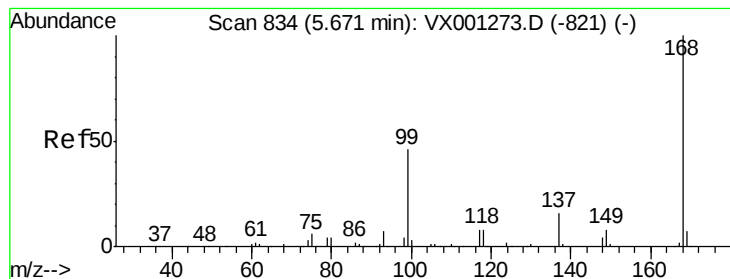
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
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Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67525	19.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	36920	19.97	ug/l	99
95) Naphthalene	13.84	128	200422	22.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	73000	21.04	ug/l	98

(#) = 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: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

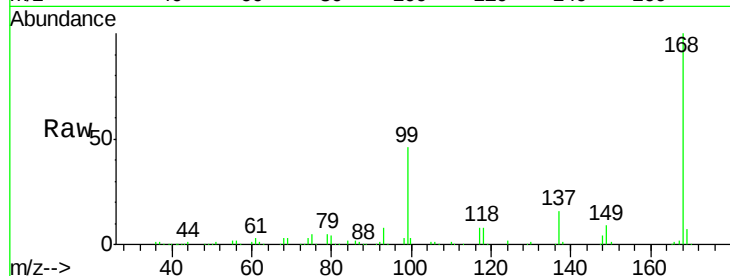
VX0504MBSD01

Tgt Ion:168 Resp: 146164

Ion Ratio Lower Upper

168 100

99 46.2 36.5 54.7

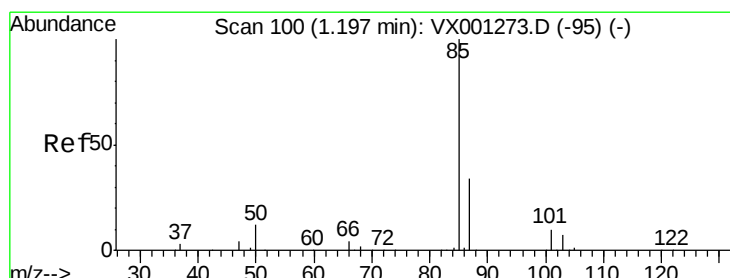
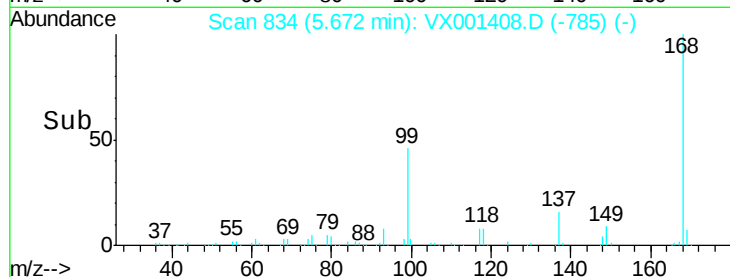


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 20.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001408.D

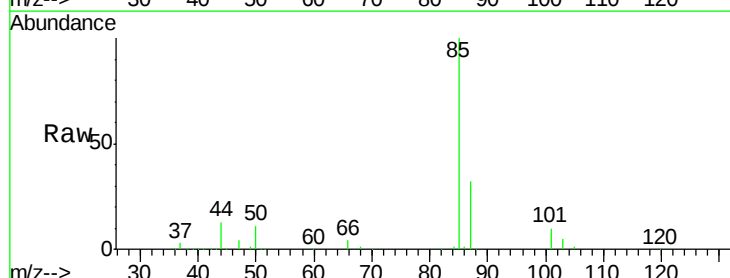
Acq: 04 May 2018 20:20

Tgt Ion: 85 Resp: 33779

Ion Ratio Lower Upper

85 100

87 32.0 16.8 50.4

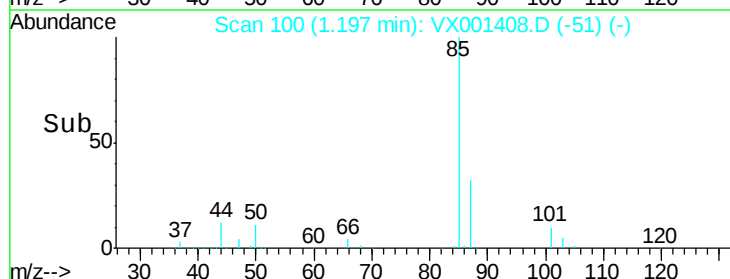


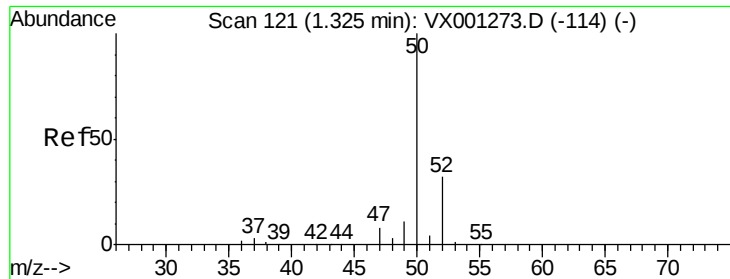
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->

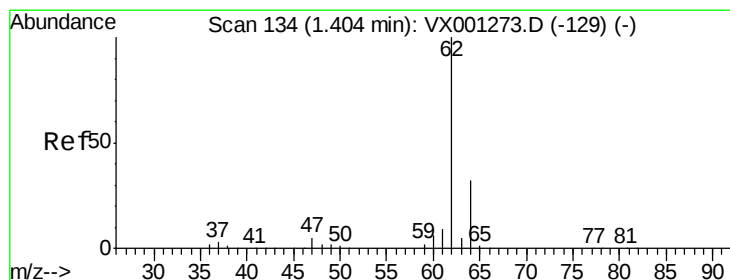
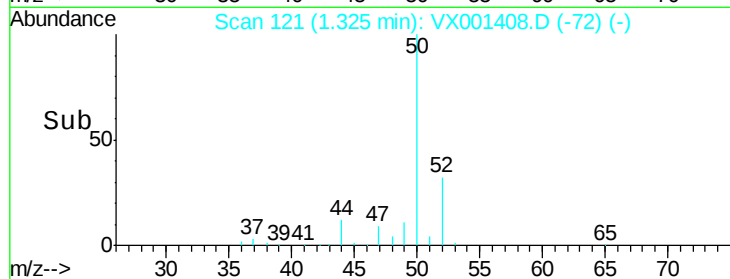
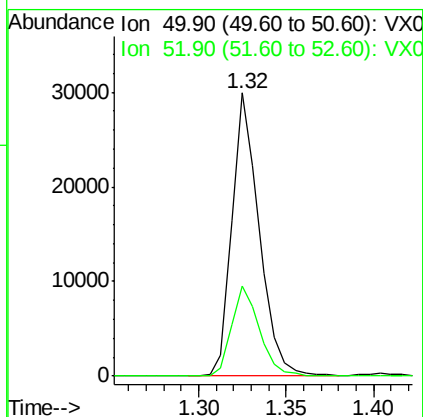
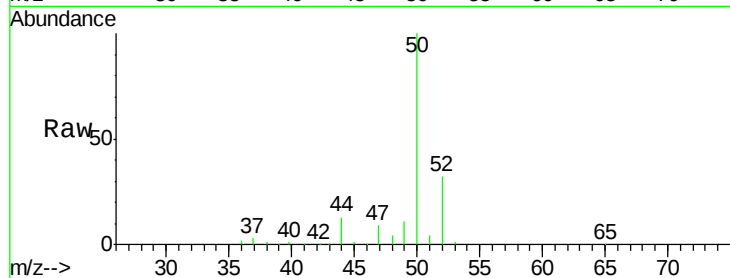




#3
Chloromethane
Concen: 20.41 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

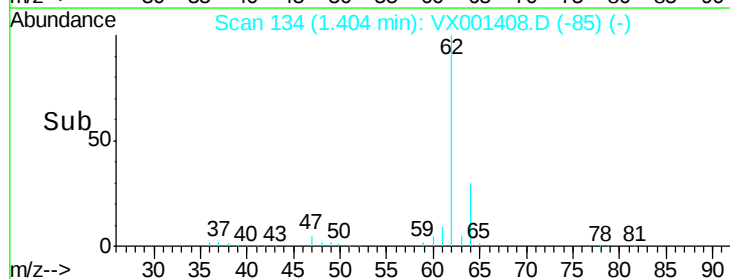
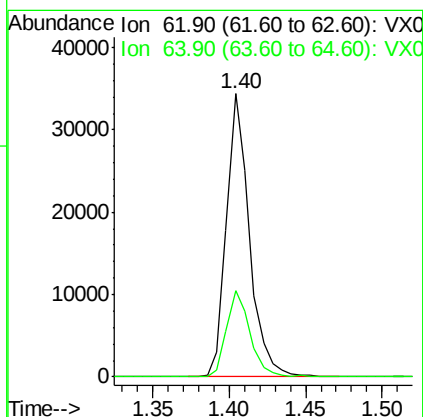
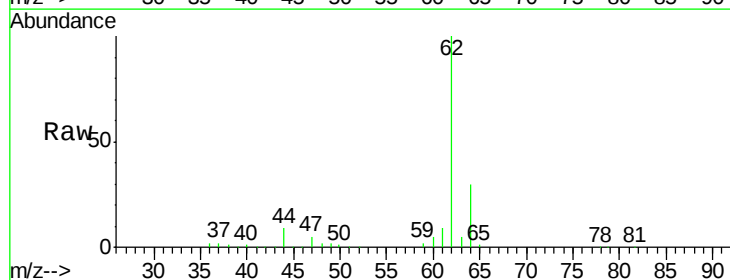
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

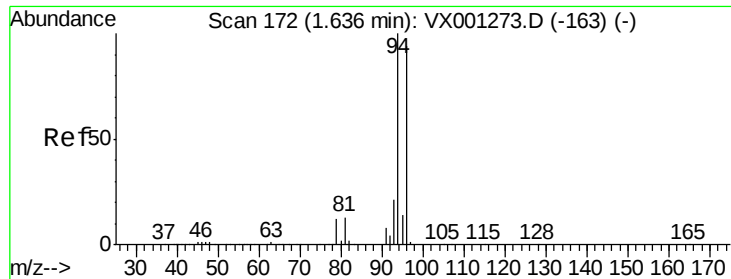
Tgt Ion: 50 Resp: 32402
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



#4
Vinyl Chloride
Concen: 21.43 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 62 Resp: 35808
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.2





#5

Bromomethane

Concen: 21.93 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

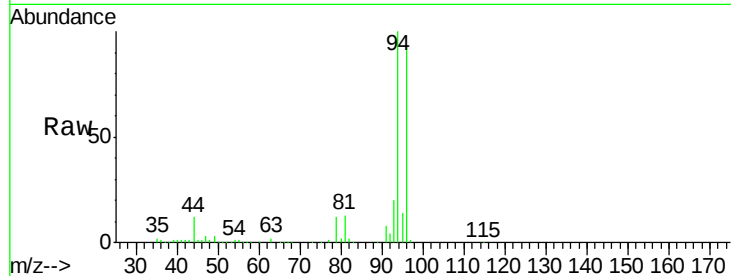
VX0504MBSD01

Tgt Ion: 94 Resp: 28435

Ion Ratio Lower Upper

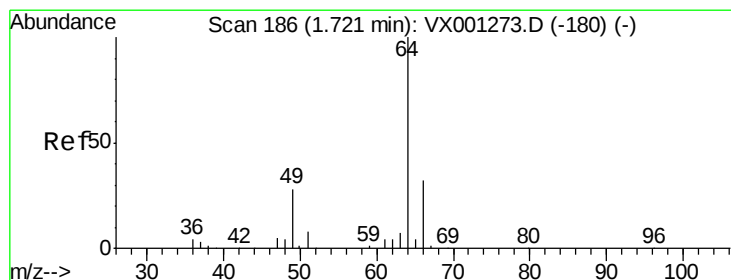
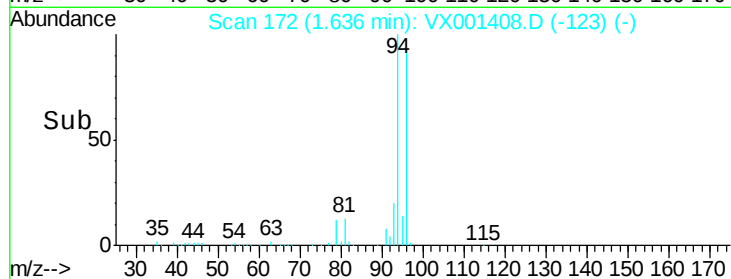
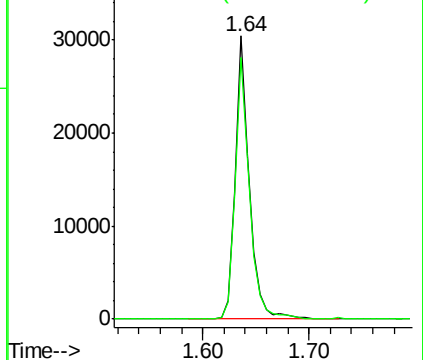
94 100

96 92.6 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.12 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001408.D

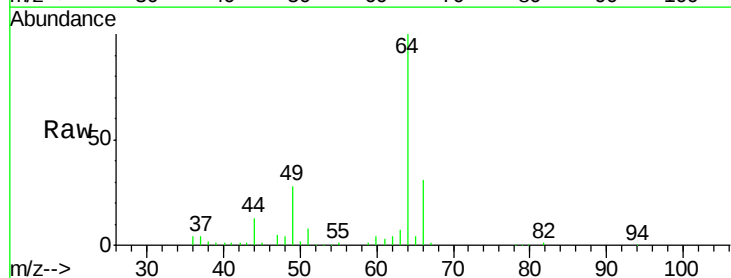
Acq: 04 May 2018 20:20

Tgt Ion: 64 Resp: 24425

Ion Ratio Lower Upper

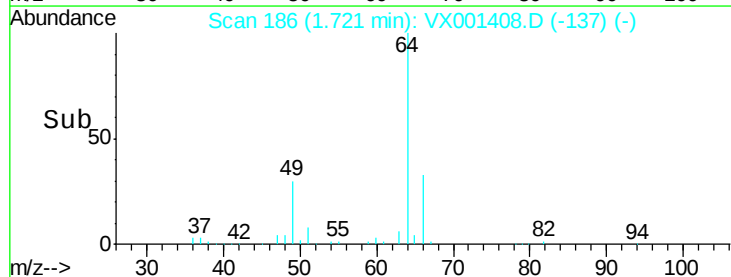
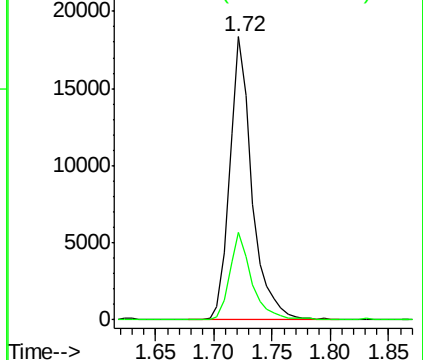
64 100

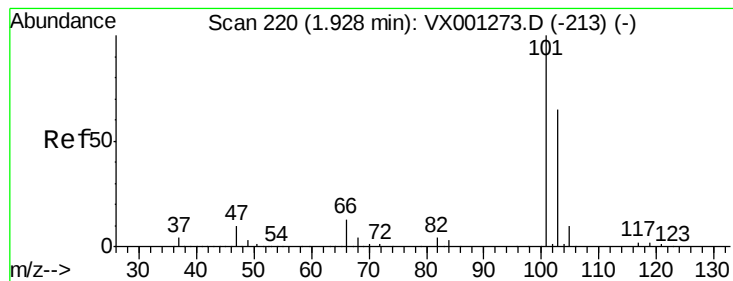
66 30.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 22.82 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

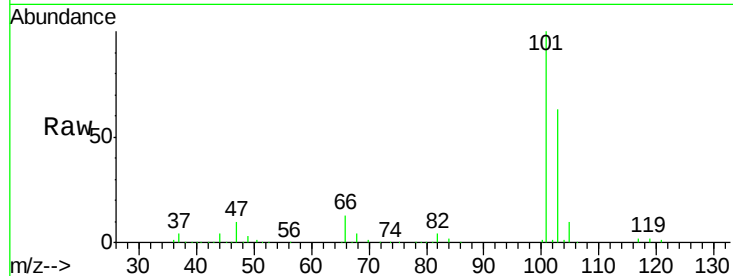
VX0504MBSD01

Tgt Ion:101 Resp: 64354

Ion Ratio Lower Upper

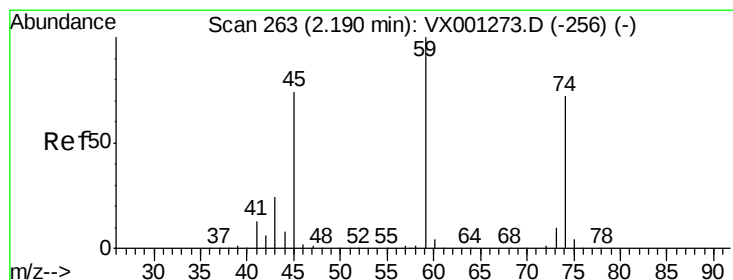
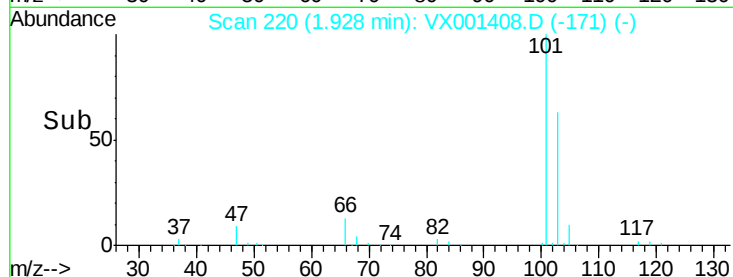
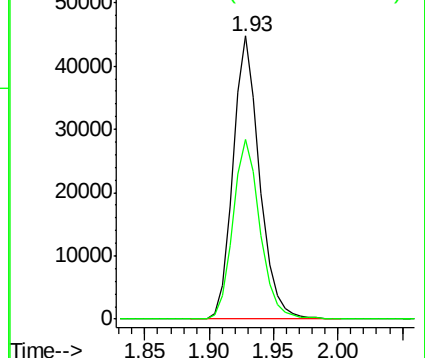
101 100

103 63.4 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 23.64 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001408.D

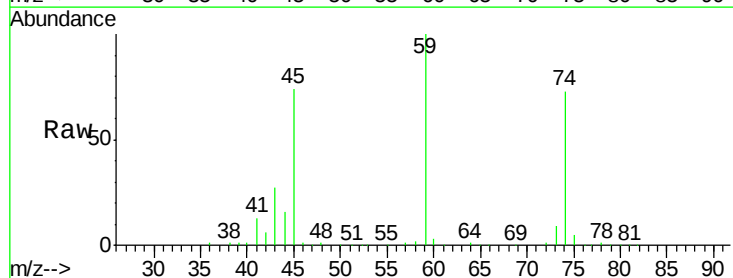
Acq: 04 May 2018 20:20

Tgt Ion: 74 Resp: 22893

Ion Ratio Lower Upper

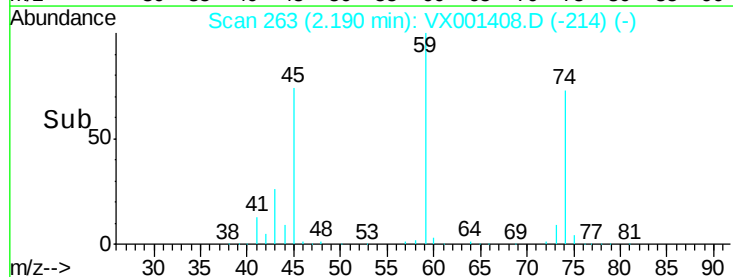
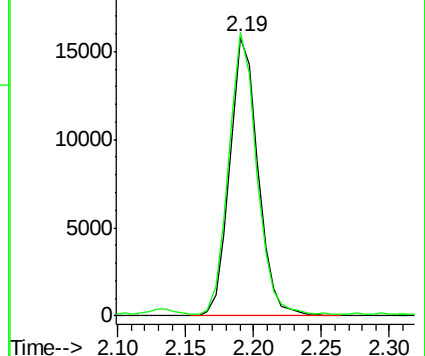
74 100

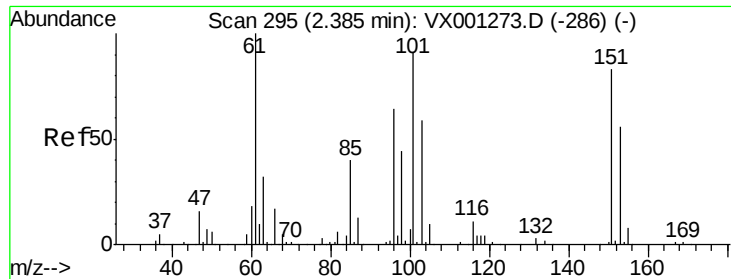
45 99.8 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.89 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

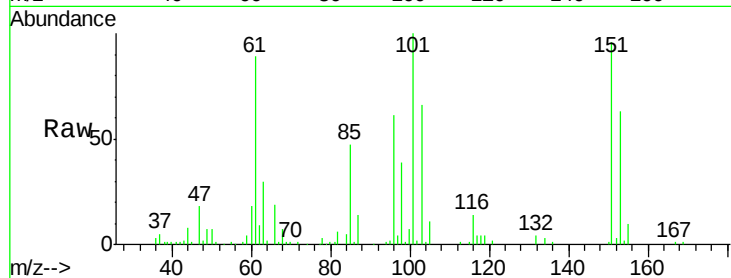
Tgt Ion:101 Resp: 35592

Ion Ratio Lower Upper

101 100

85 44.9 35.6 53.4

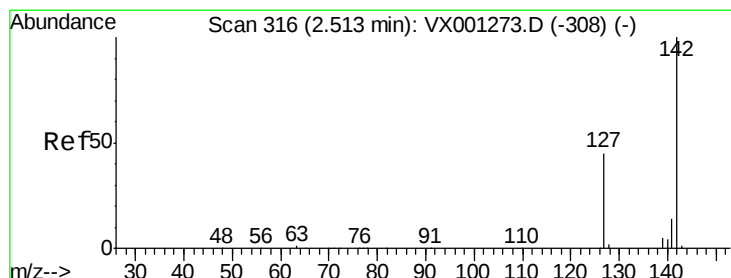
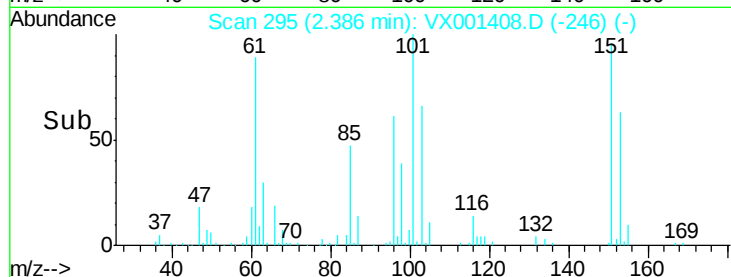
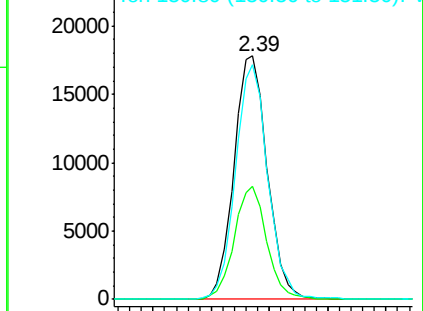
151 93.5 74.8 112.2



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: 29.32 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

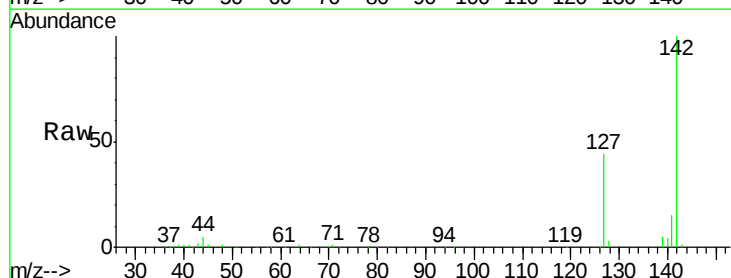
Tgt Ion:142 Resp: 48487

Ion Ratio Lower Upper

142 100

127 44.8 35.7 53.5

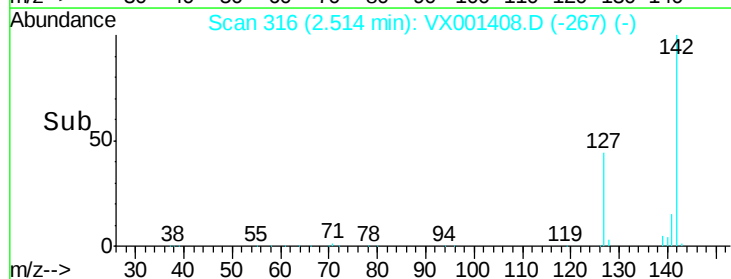
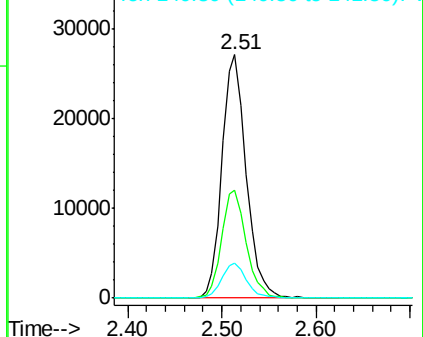
141 14.7 11.4 17.0

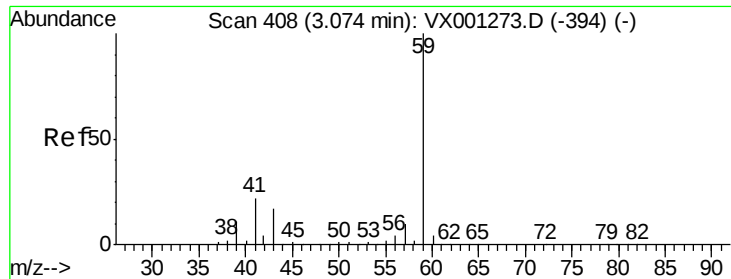


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

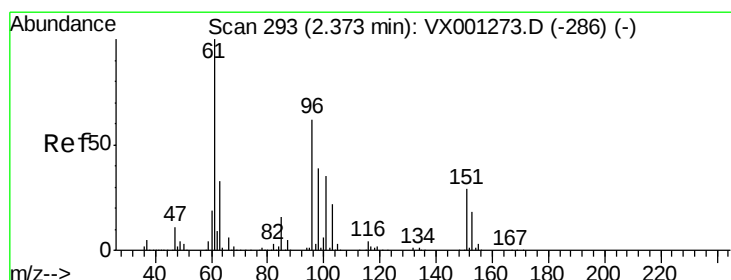
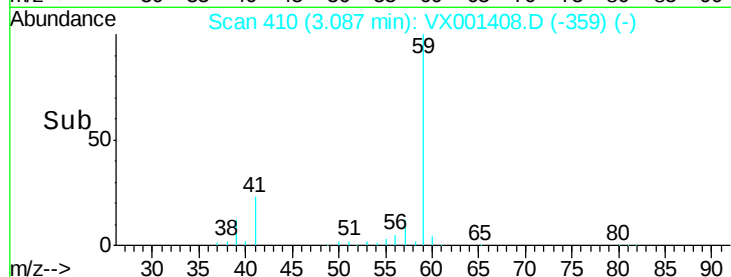
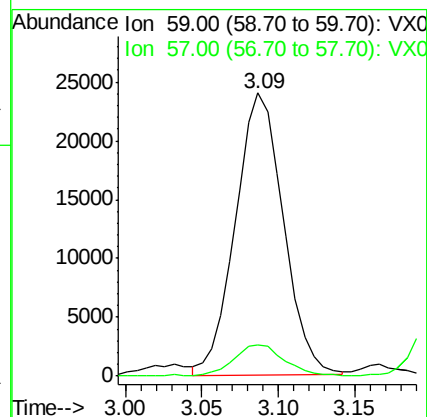
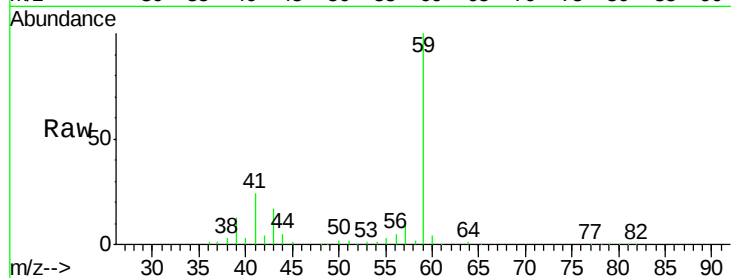




#11
Tert butyl alcohol
Concen: 150.31 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

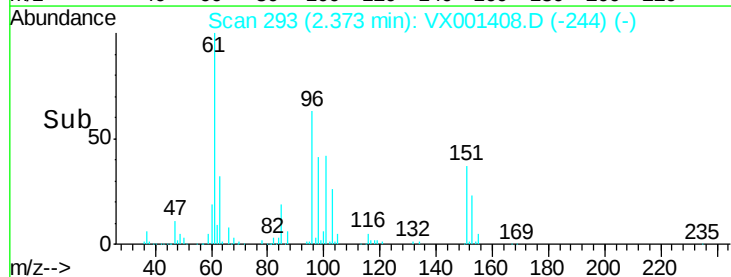
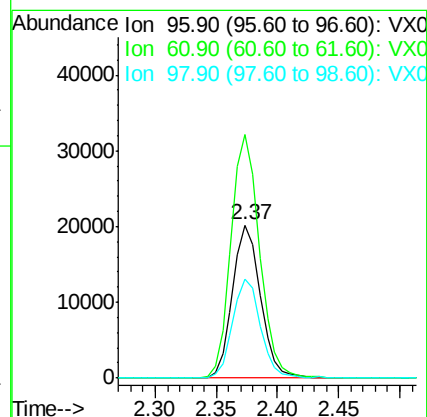
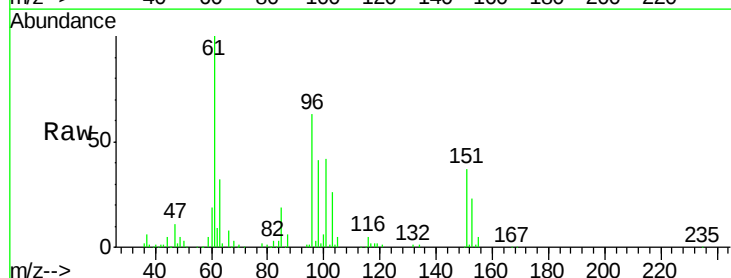
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

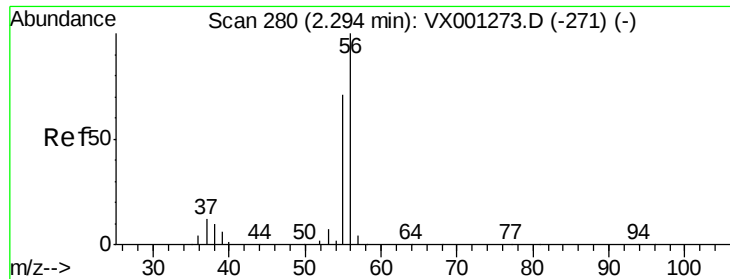
Tgt Ion: 59 Resp: 52324
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.91 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 96 Resp: 32121
Ion Ratio Lower Upper
96 100
61 158.9 130.1 195.1
98 64.5 50.3 75.5





#13

Acrolein

Concen: 68.37 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

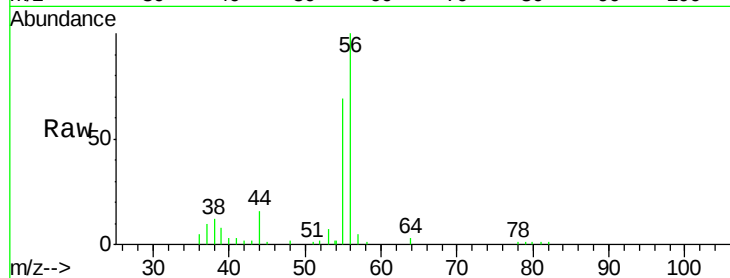
VX0504MBSD01

Tgt Ion: 56 Resp: 13704

Ion Ratio Lower Upper

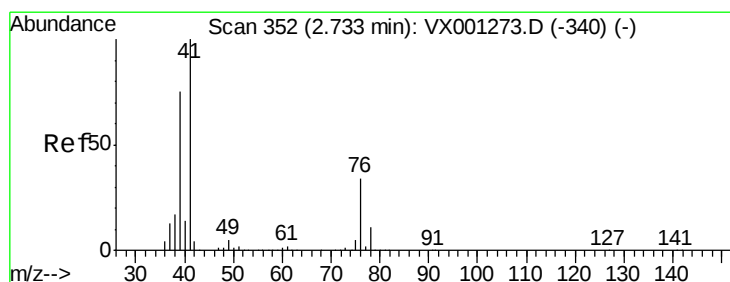
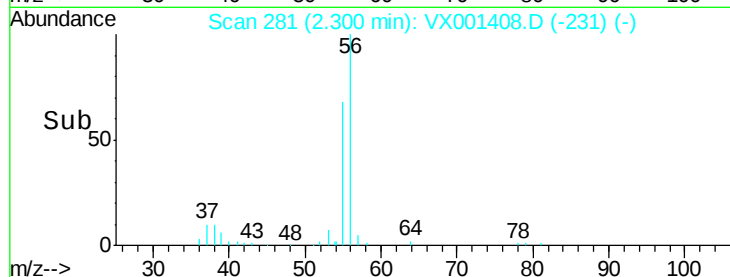
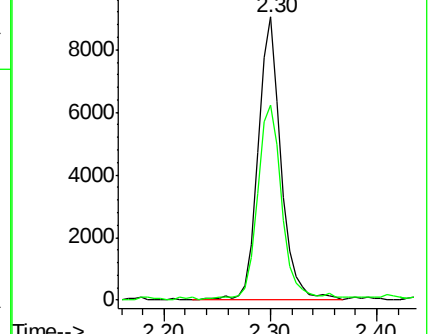
56 100

55 73.8 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 22.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

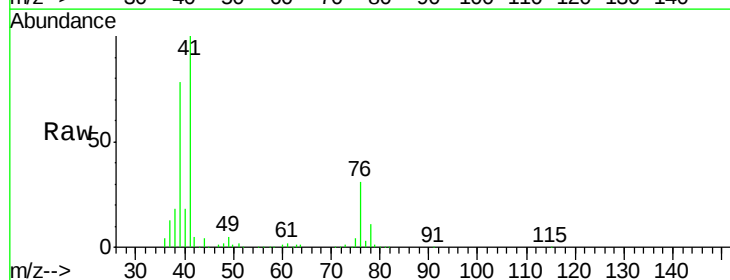
Tgt Ion: 41 Resp: 58103

Ion Ratio Lower Upper

41 100

39 71.8 58.1 87.1

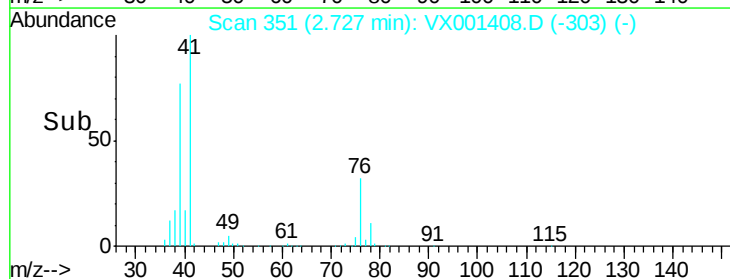
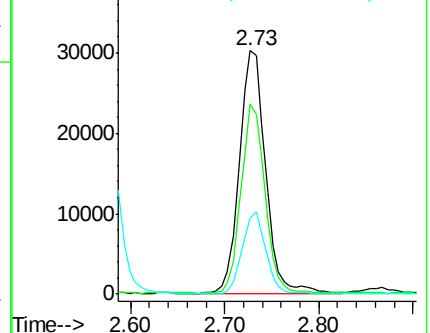
76 31.0 25.1 37.7

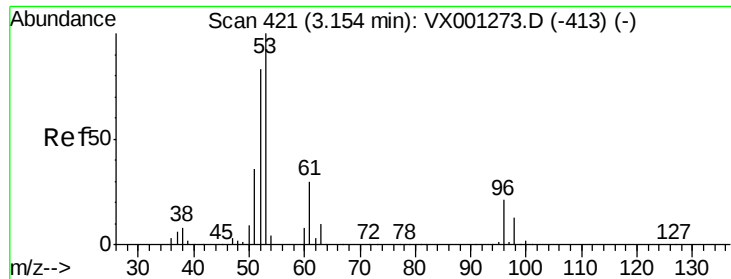


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

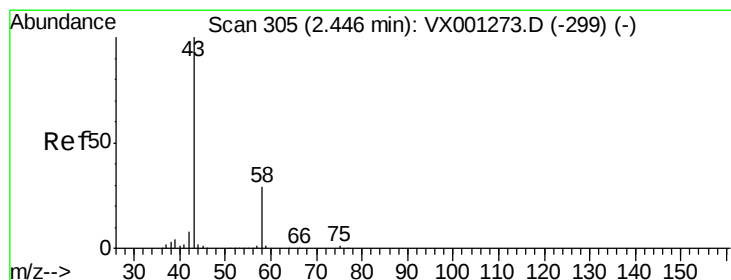
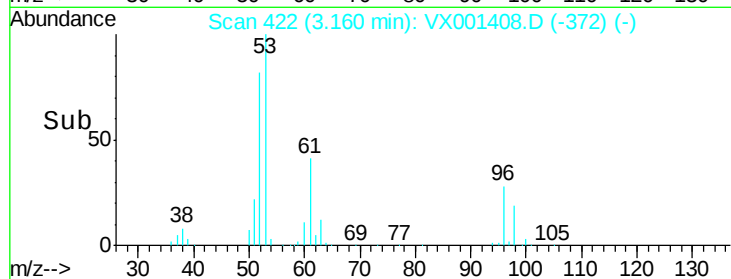
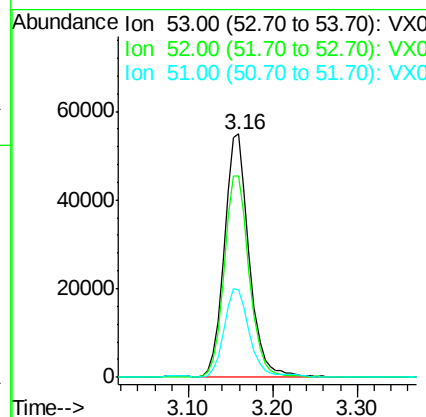
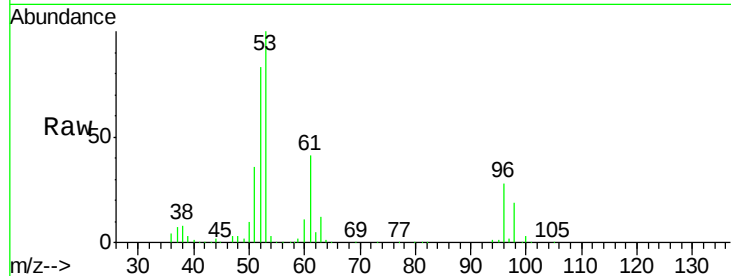




#15
 Acrylonitrile
 Concen: 136.95 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

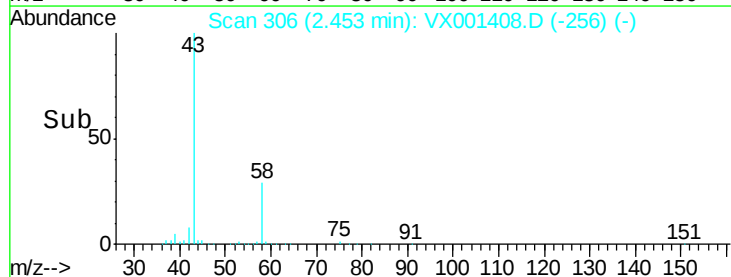
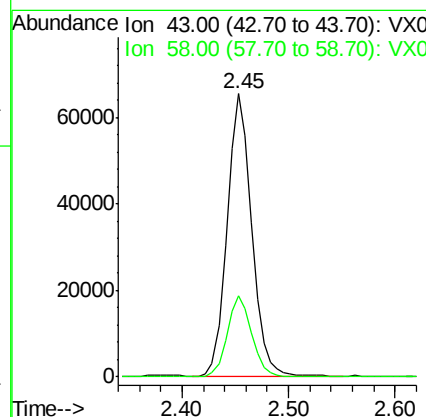
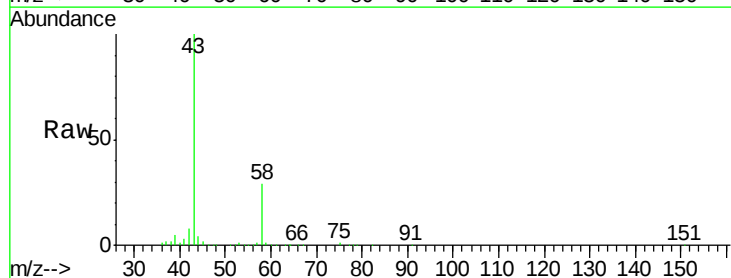
Instrument :
 MSVOA_X
 ClientSampled :
 VX0504MBSD01

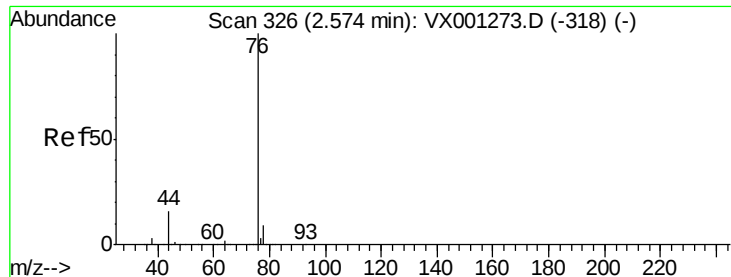
Tgt Ion: 53 Resp: 110489
 Ion Ratio Lower Upper
 53 100
 52 84.7 67.0 100.4
 51 37.9 29.9 44.9



#16
 Acetone
 Concen: 121.63 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

Tgt Ion: 43 Resp: 105047
 Ion Ratio Lower Upper
 43 100
 58 28.8 22.8 34.2

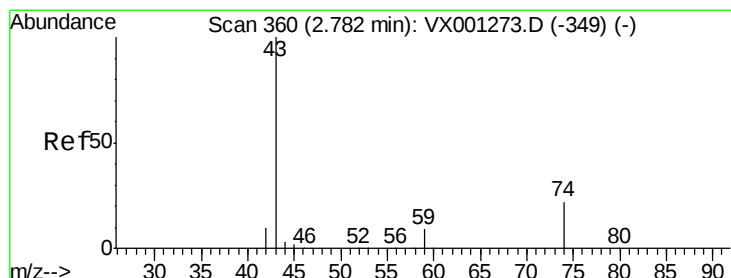
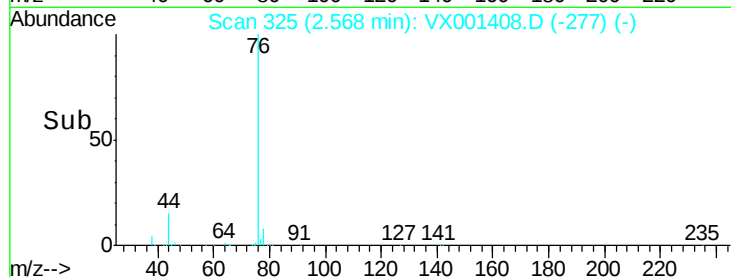
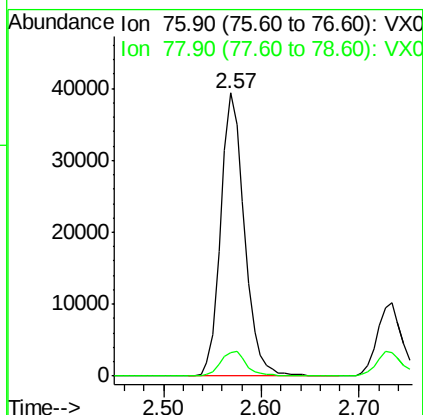
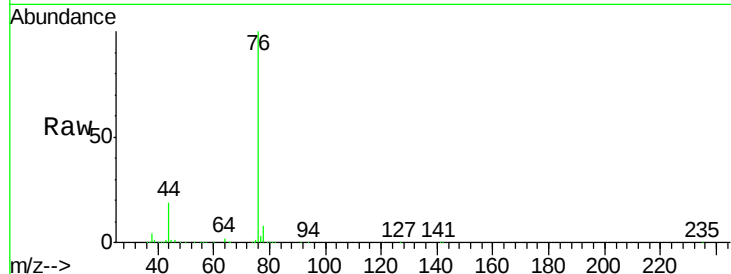




#17
Carbon Disulfide
Concen: 17.40 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

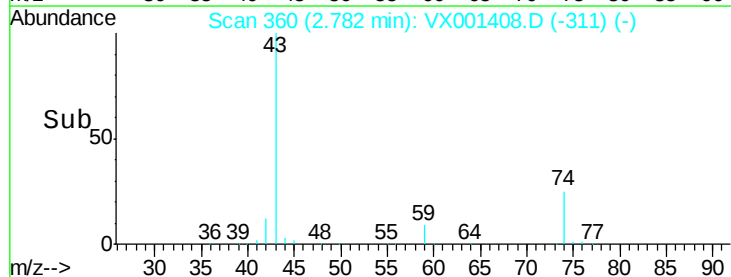
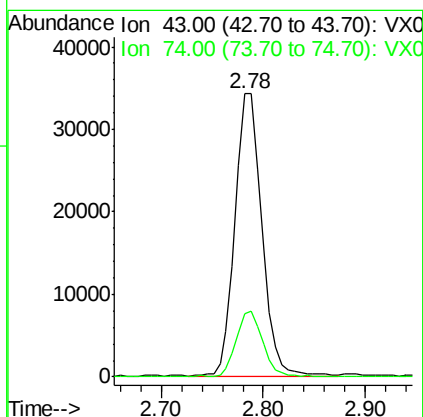
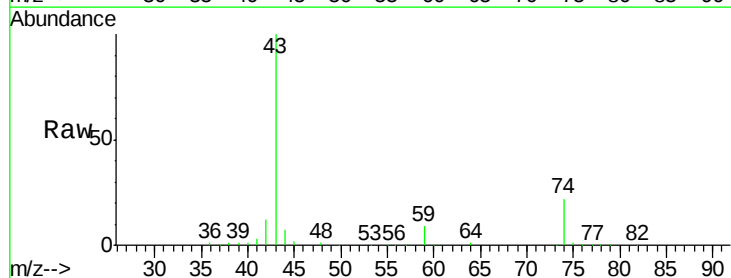
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

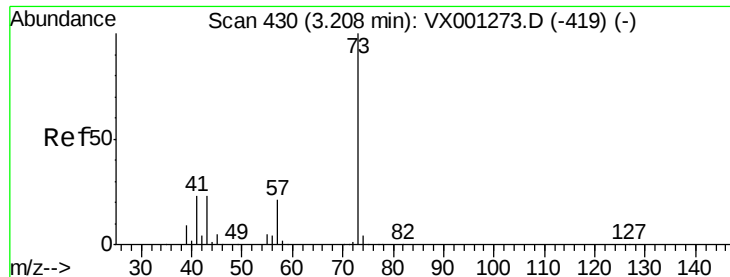
Tgt Ion: 76 Resp: 66455
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#18
Methyl Acetate
Concen: 30.53 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 43 Resp: 62281
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.6

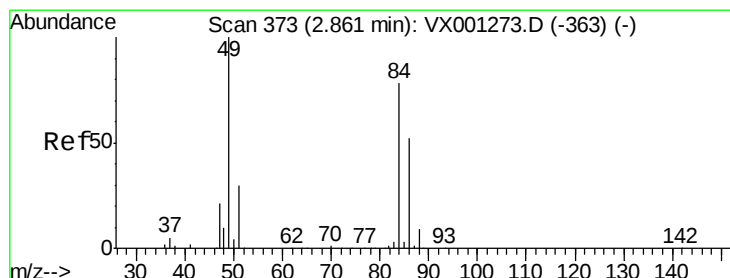
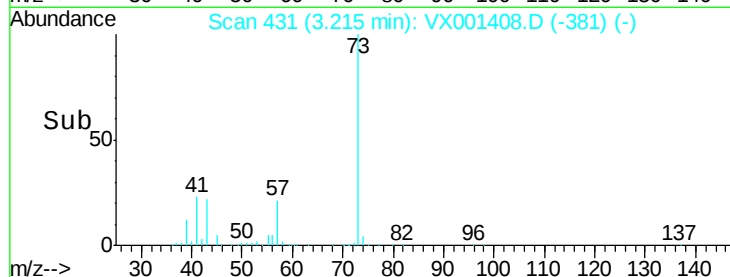
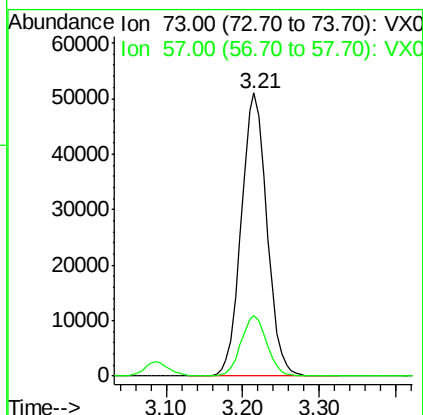
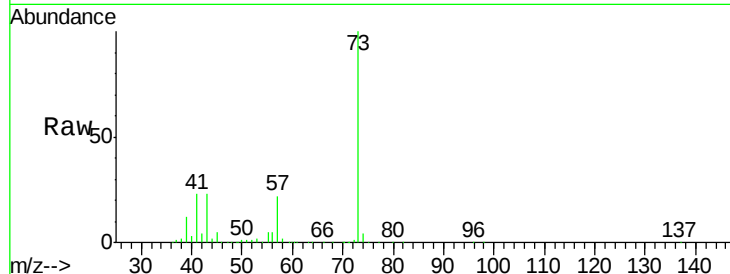




#19
Methyl tert-butyl Ether
Concen: 23.76 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

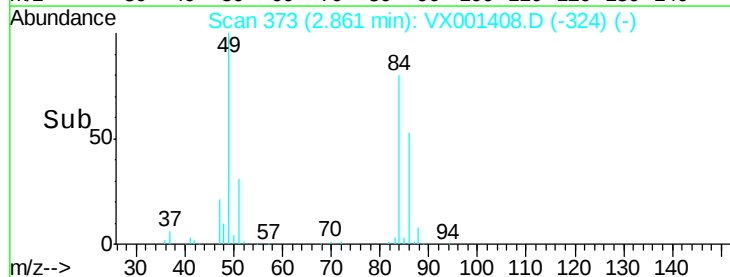
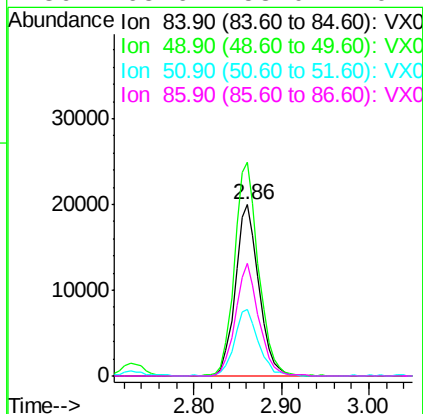
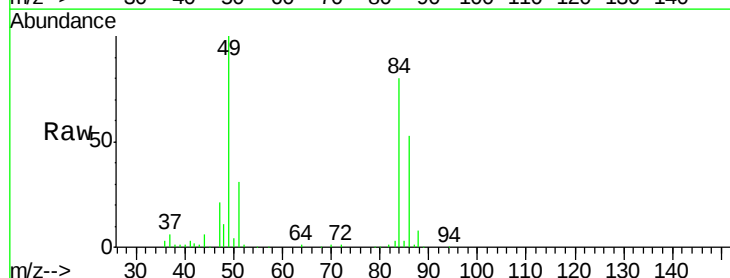
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

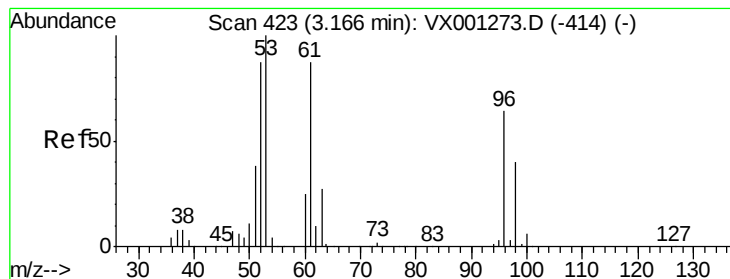
Tgt Ion: 73 Resp: 118654
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2



#20
Methylene Chloride
Concen: 23.17 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 84 Resp: 37443
Ion Ratio Lower Upper
84 100
49 124.7 102.8 154.2
51 38.7 30.9 46.3
86 65.6 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 21.37 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

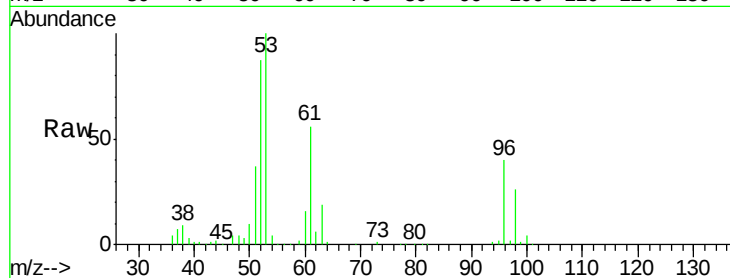
Tgt Ion: 96 Resp: 34105

Ion Ratio Lower Upper

96 100

61 138.3 108.6 162.8

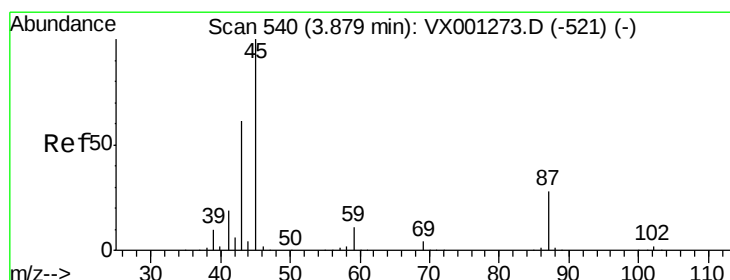
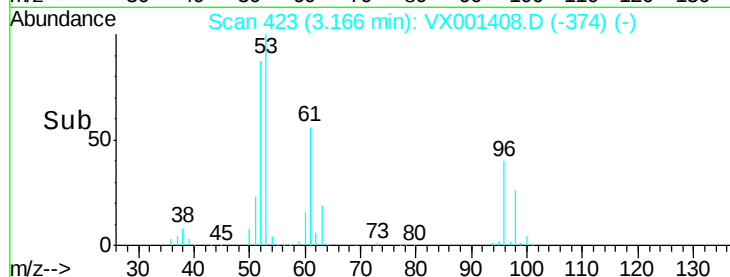
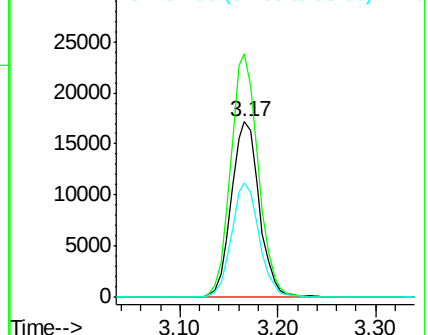
98 65.1 49.7 74.5



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: 24.24 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Tgt Ion: 45 Resp: 119759

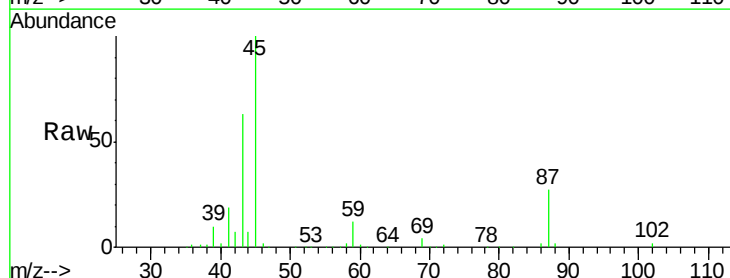
Ion Ratio Lower Upper

45 100

43 62.6 48.7 73.1

87 26.9 22.2 33.4

59 11.8 9.1 13.7

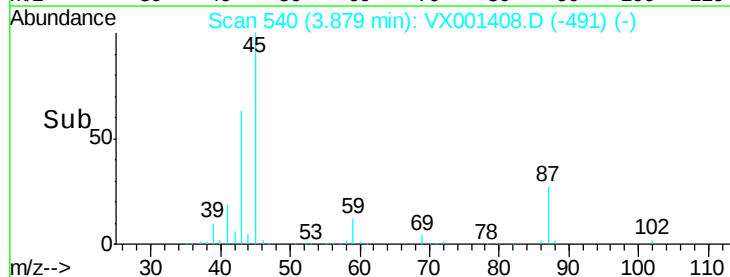
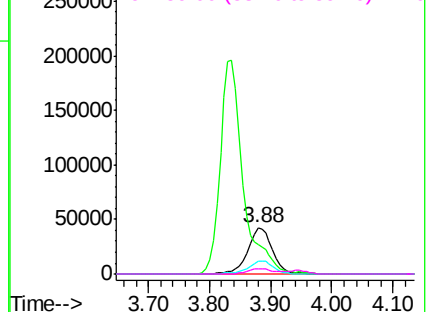


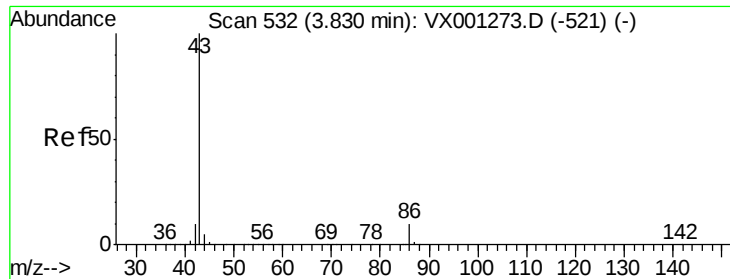
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 122.59 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

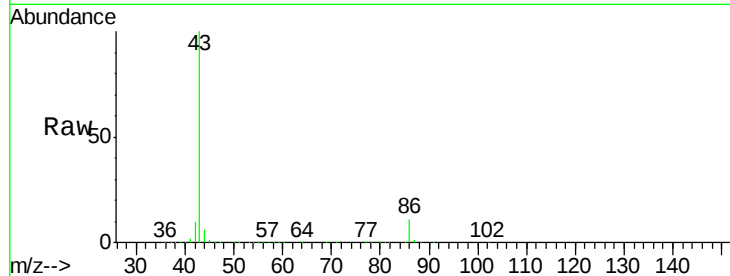
VX0504MBSD01

Tgt Ion: 43 Resp: 513216

Ion Ratio Lower Upper

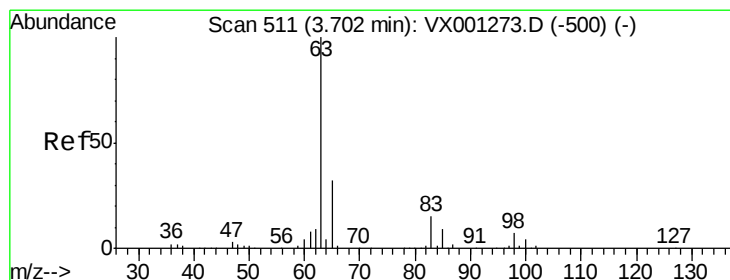
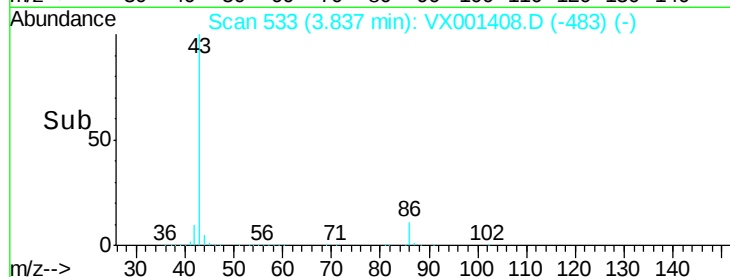
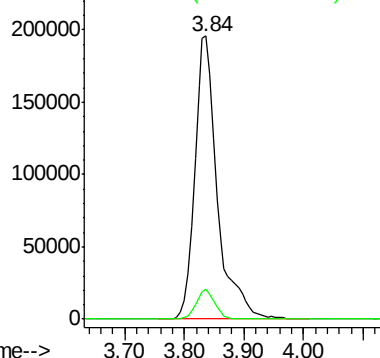
43 100

86 10.6 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.76 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

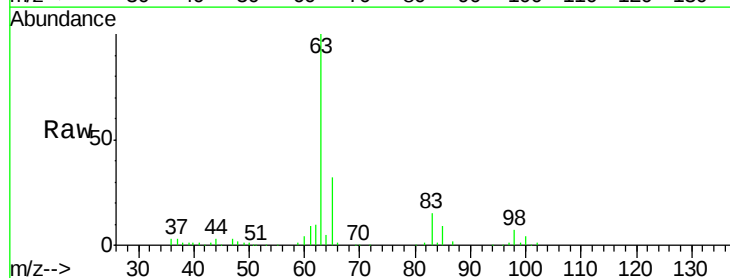
Tgt Ion: 63 Resp: 65389

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

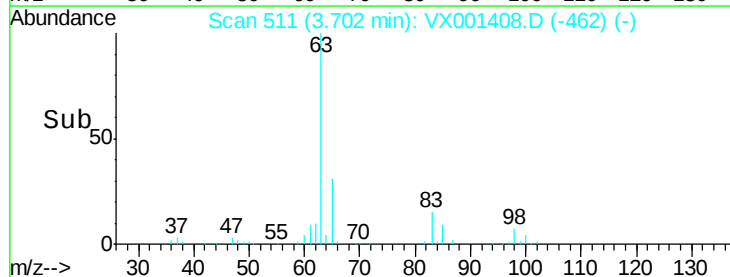
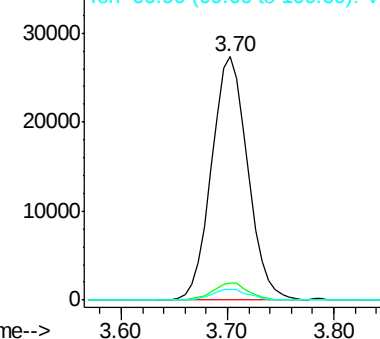
100 4.1 2.3 6.8

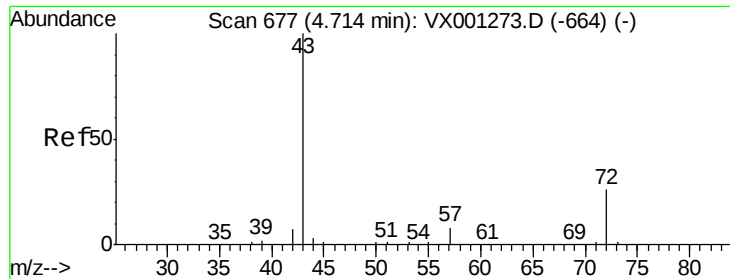


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 124.13 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

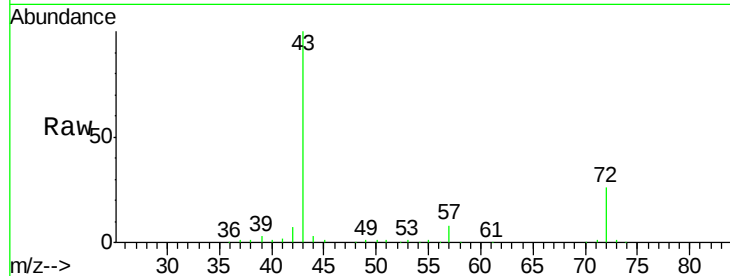
VX0504MBSD01

Tgt Ion: 43 Resp: 144950

Ion Ratio Lower Upper

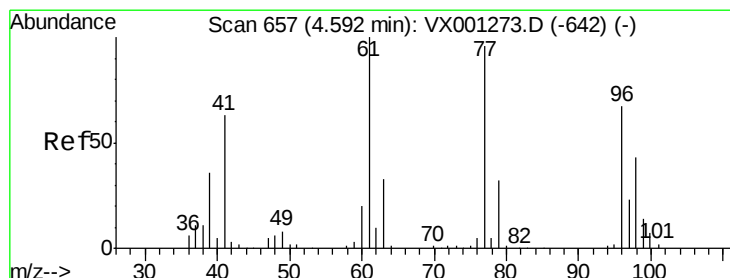
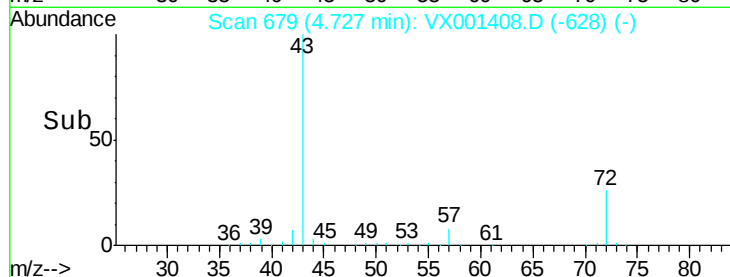
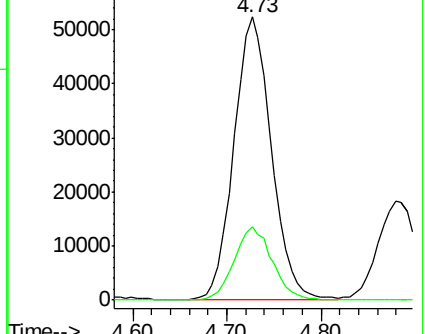
43 100

72 26.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.26 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001408.D

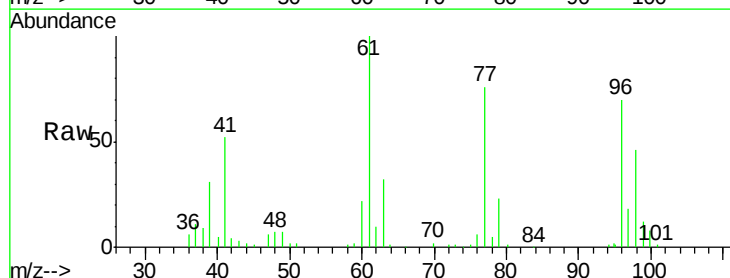
Acq: 04 May 2018 20:20

Tgt Ion: 77 Resp: 34178

Ion Ratio Lower Upper

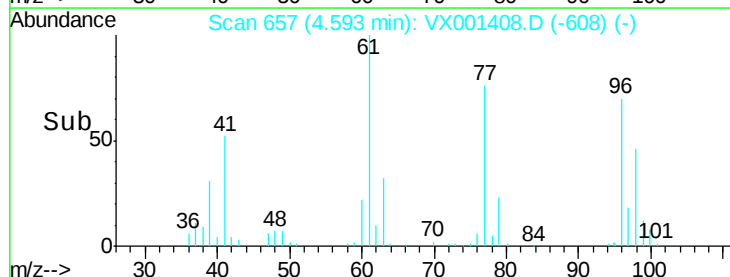
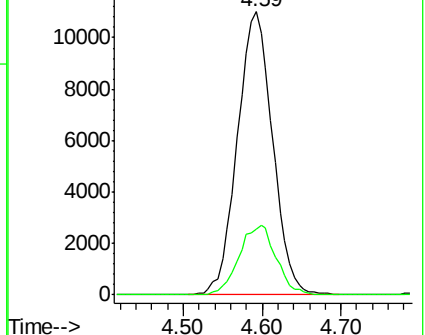
77 100

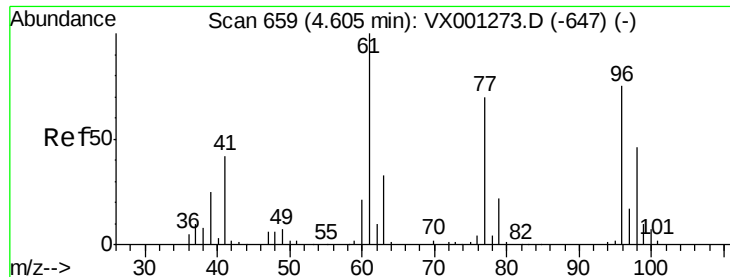
97 25.6 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.49 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

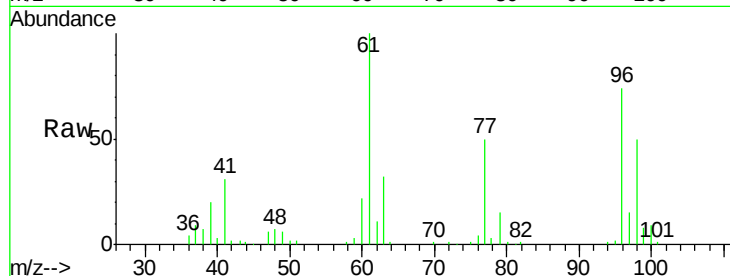
Tgt Ion: 96 Resp: 35940

Ion Ratio Lower Upper

96 100

61 150.2 0.0 288.0

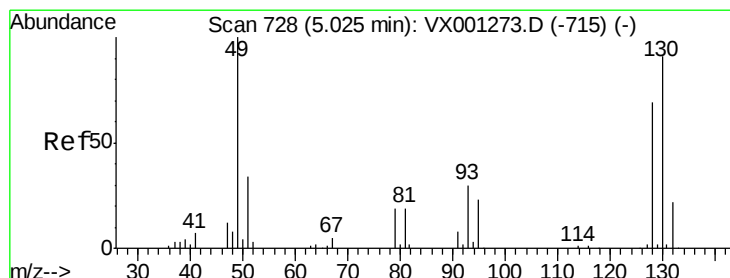
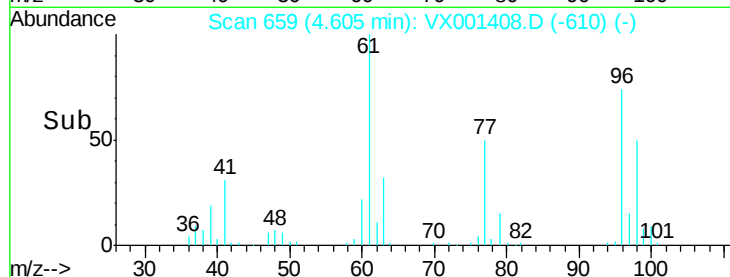
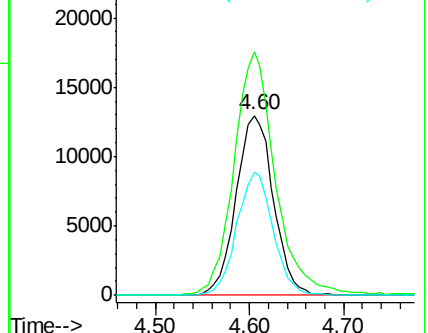
98 66.3 0.0 130.2



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: 25.36 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

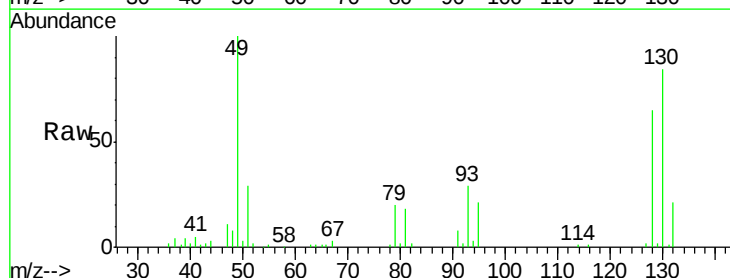
Tgt Ion: 49 Resp: 31376

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

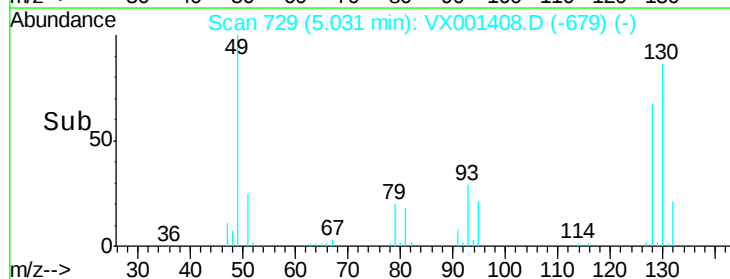
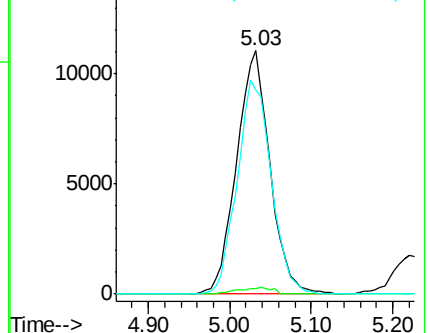
130 89.6 70.4 105.6

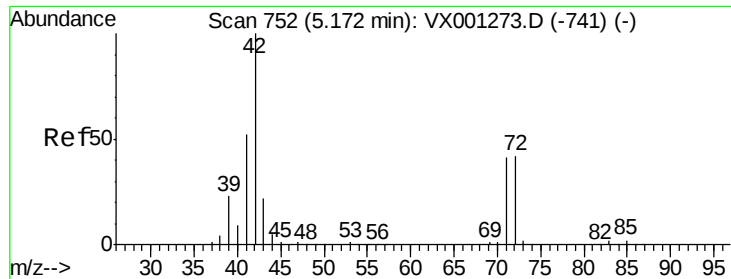


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

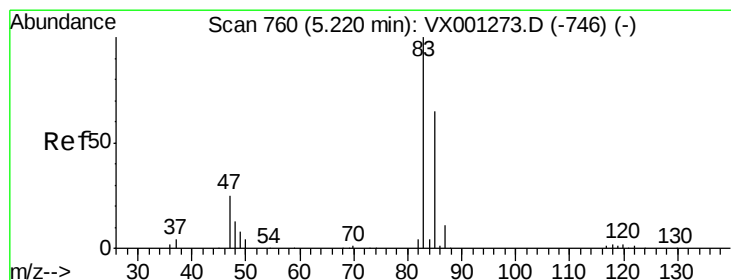
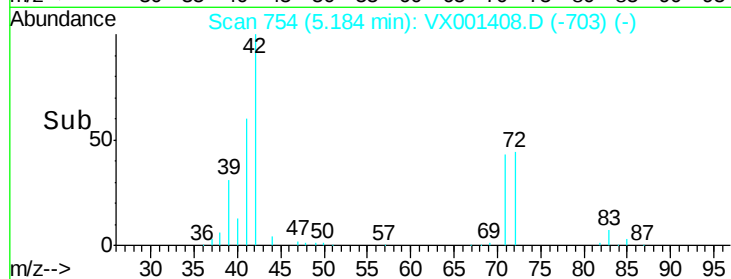
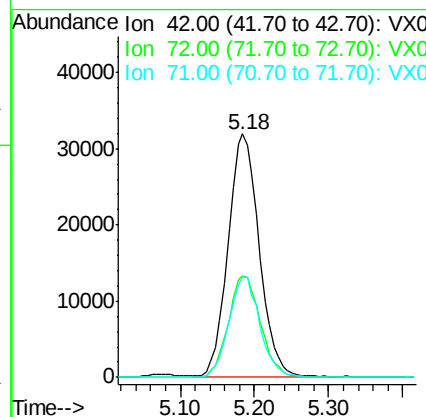
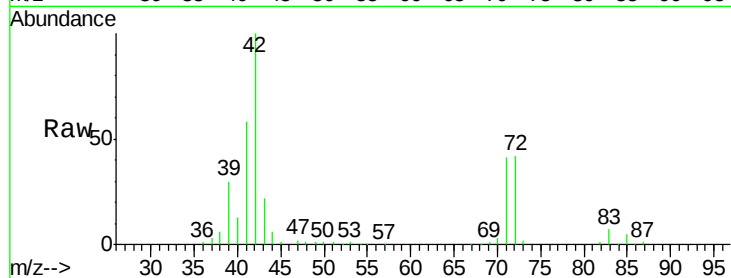




#29
Tetrahydrofuran
Concen: 129.18 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

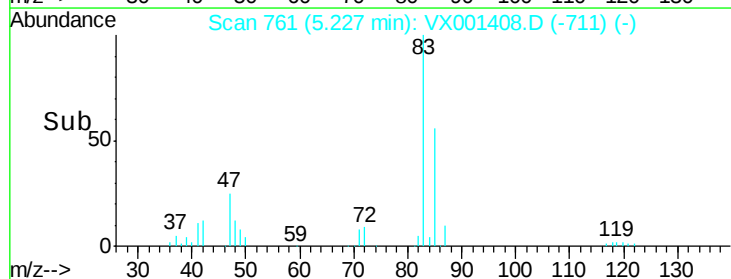
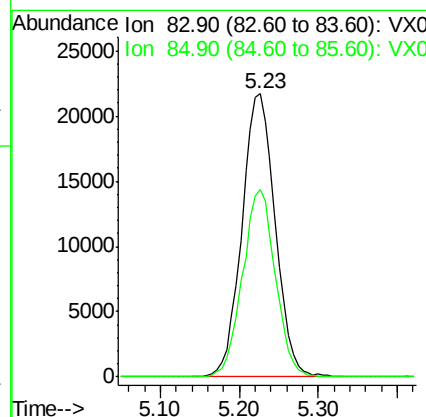
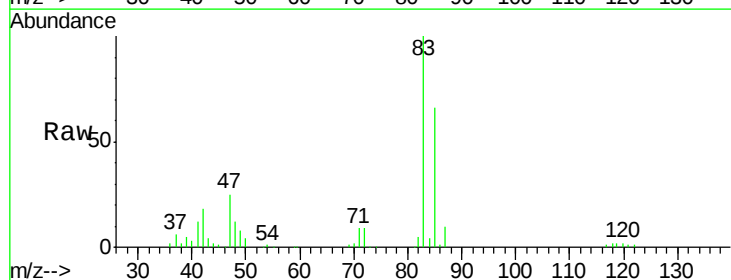
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

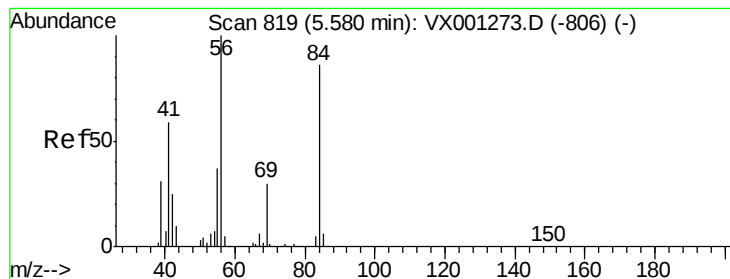
Tgt Ion: 42 Resp: 92772
Ion Ratio Lower Upper
42 100
72 43.6 34.6 52.0
71 41.5 32.7 49.1



#30
Chloroform
Concen: 21.84 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 83 Resp: 63544
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.2





#31

Cyclohexane

Concen: 18.85 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

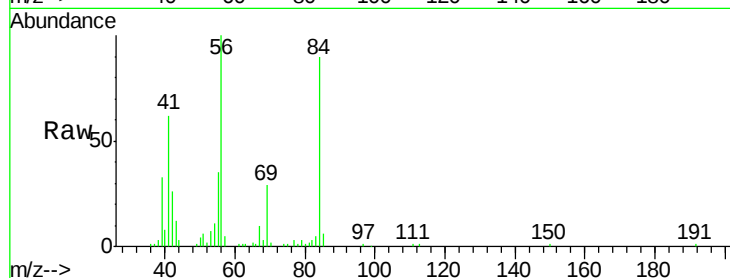
Tgt Ion: 56 Resp: 46860

Ion Ratio Lower Upper

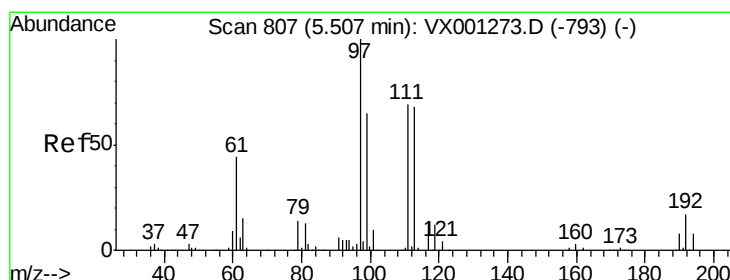
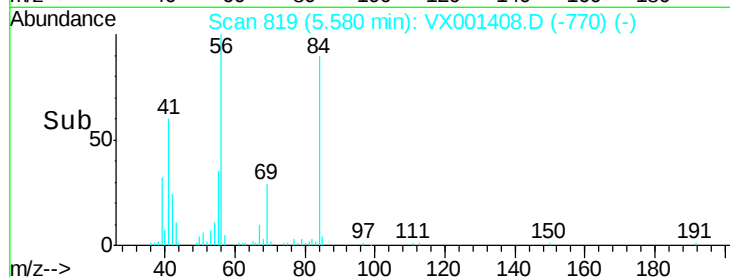
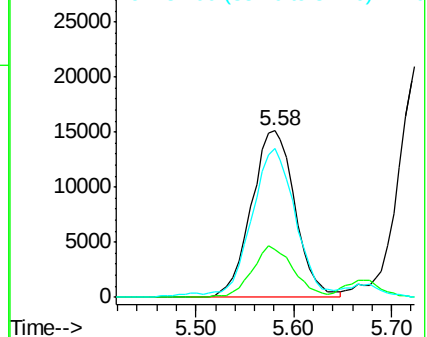
56 100

69 28.5 24.0 36.0

84 86.9 69.0 103.4



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



#32

1,1,1-Trichloroethane

Concen: 21.29 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

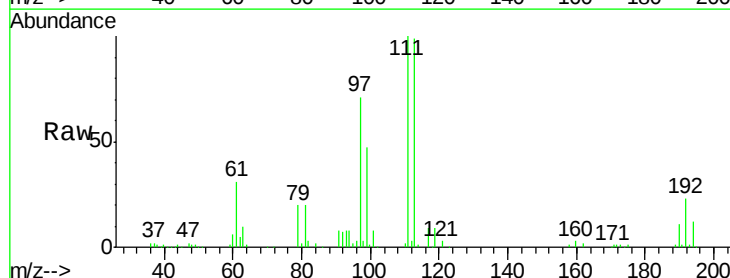
Tgt Ion: 97 Resp: 54130

Ion Ratio Lower Upper

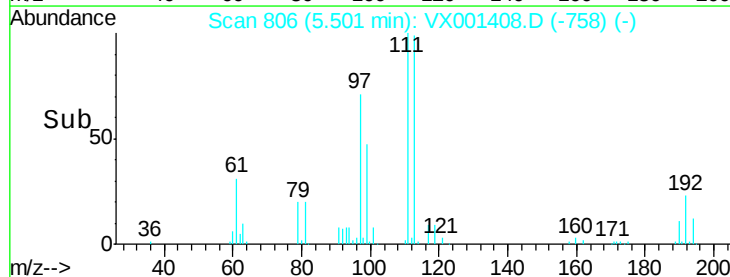
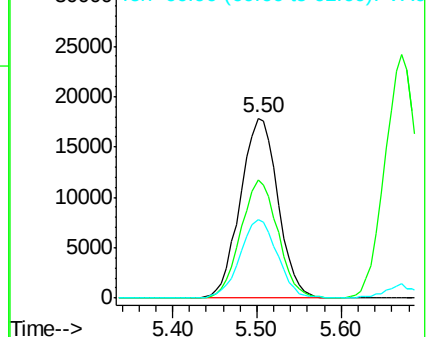
97 100

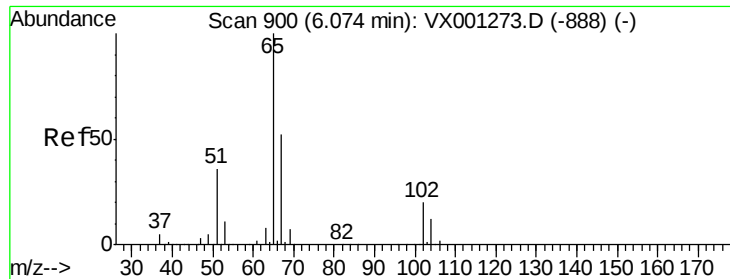
99 64.6 51.8 77.6

61 43.3 35.4 53.2



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





#33

1,2-Dichloroethane-d4

Concen: 49.96 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

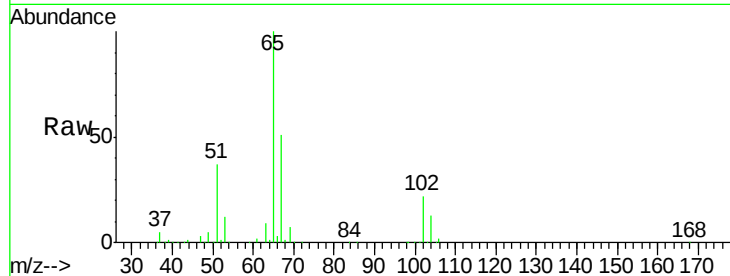
VX0504MBSD01

Tgt Ion: 65 Resp: 101076

Ion Ratio Lower Upper

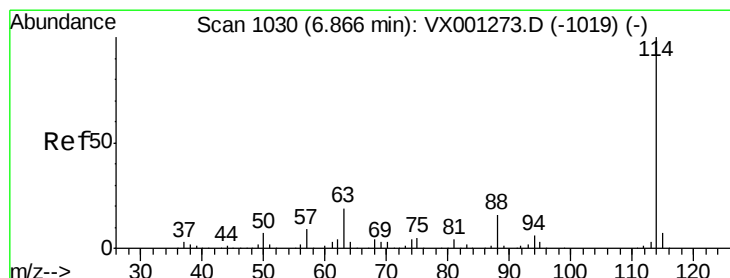
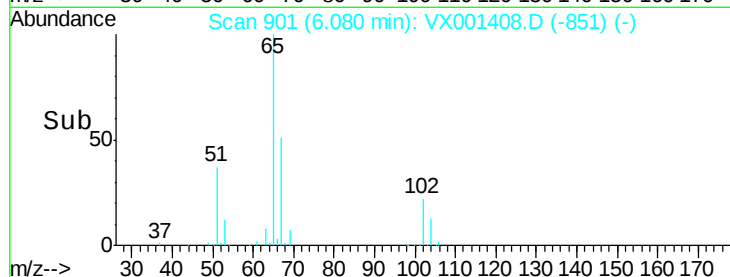
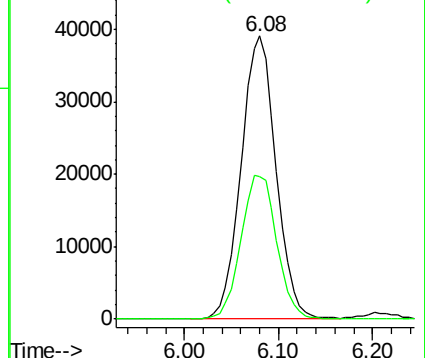
65 100

67 52.3 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

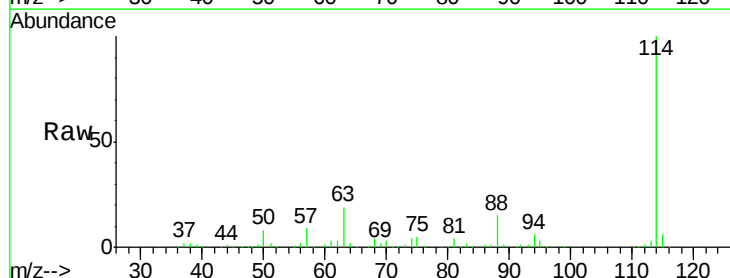
Tgt Ion: 114 Resp: 195754

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.8

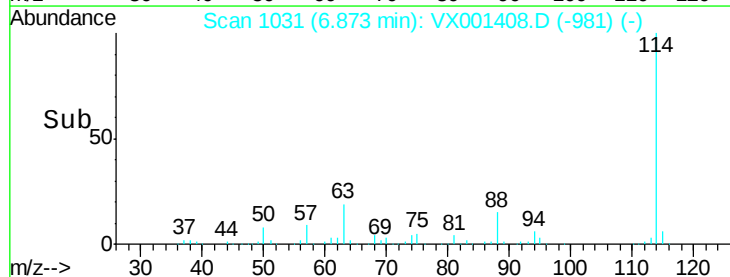
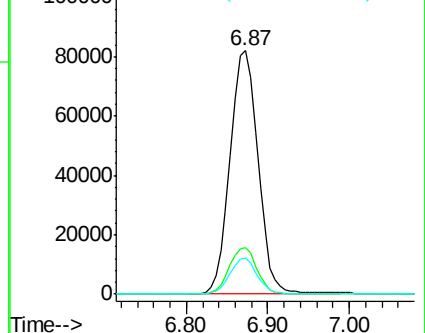
88 15.1 0.0 32.2

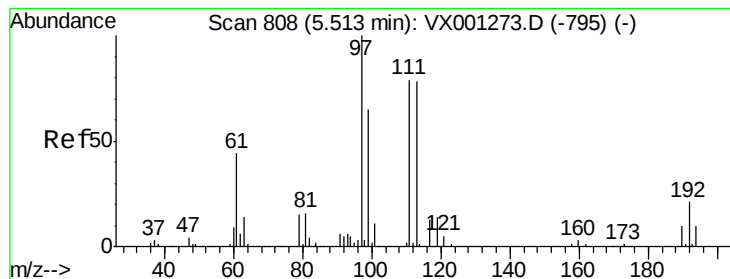


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.78 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

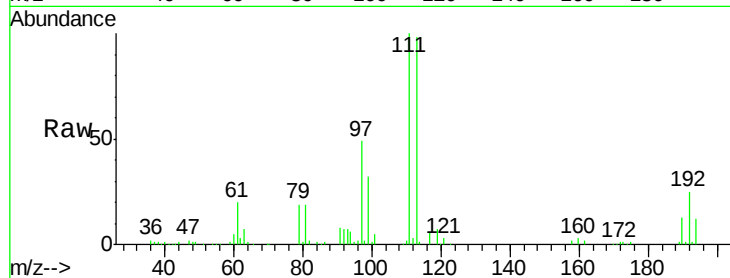
Tgt Ion:113 Resp: 85631

Ion Ratio Lower Upper

113 100

111 101.0 81.2 121.8

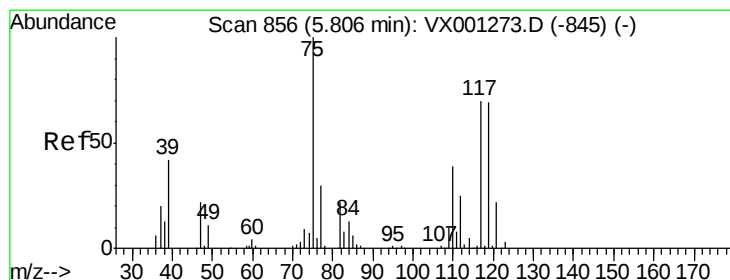
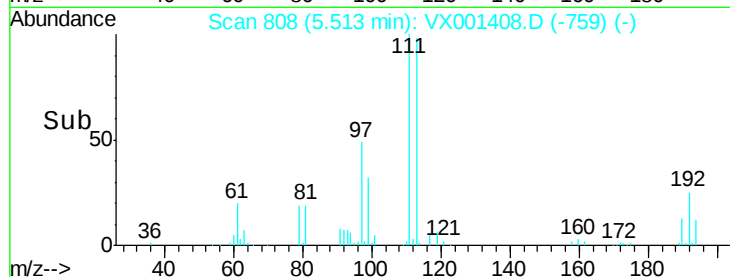
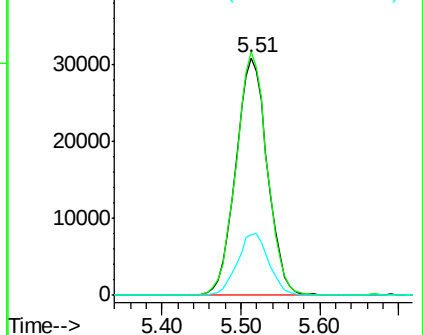
192 26.1 20.7 31.1



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: 19.01 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

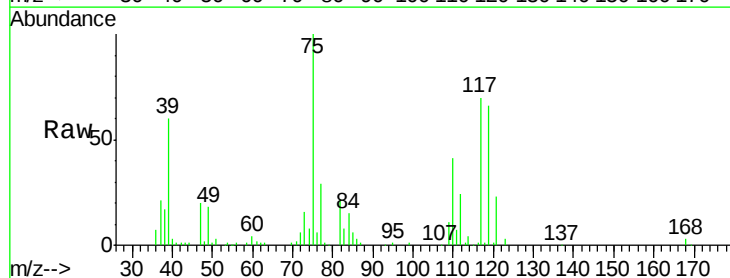
Tgt Ion: 75 Resp: 42938

Ion Ratio Lower Upper

75 100

110 39.4 18.9 56.9

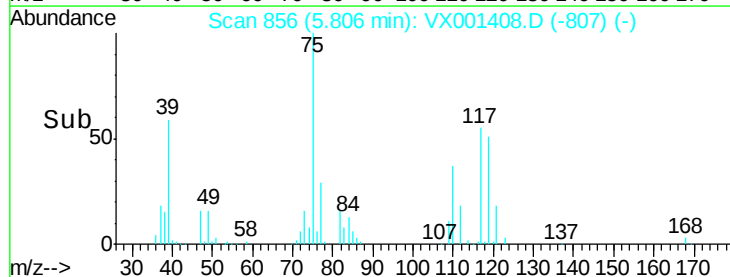
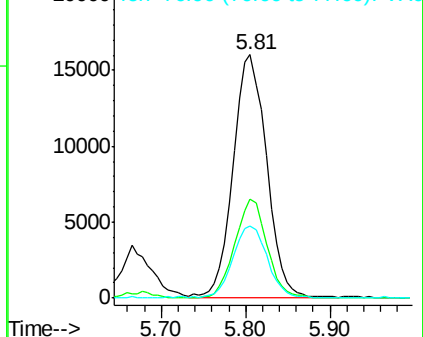
77 30.8 24.2 36.2

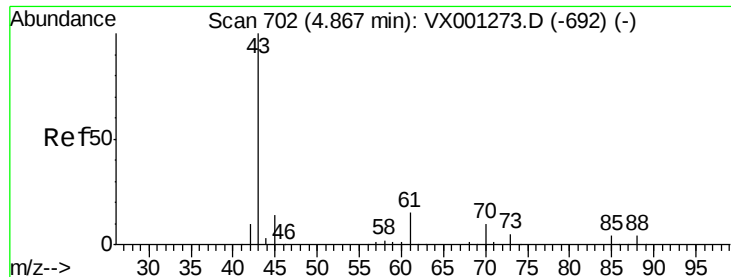


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 23.25 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampled :

VX0504MBSD01

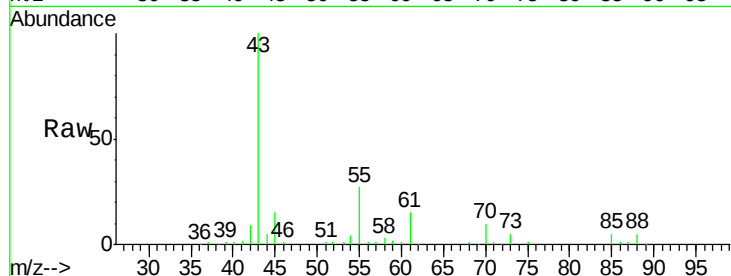
Tgt Ion: 43 Resp: 53039

Ion Ratio Lower Upper

43 100

61 14.3 10.7 16.1

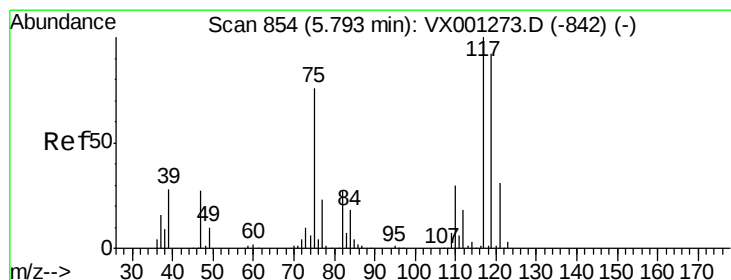
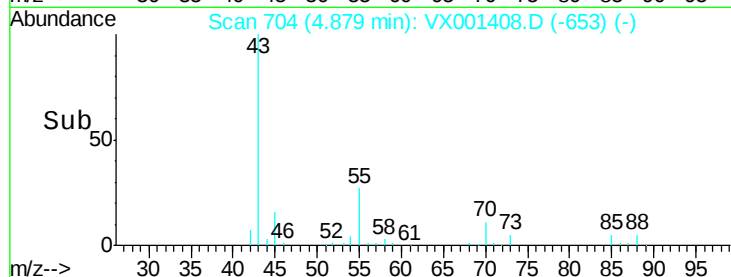
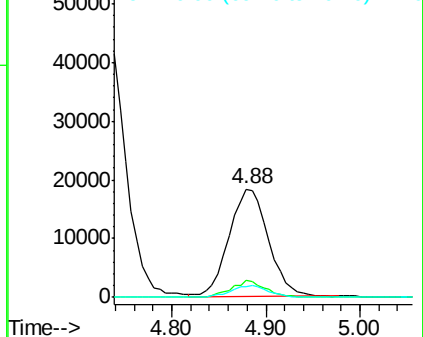
70 10.6 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.17 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

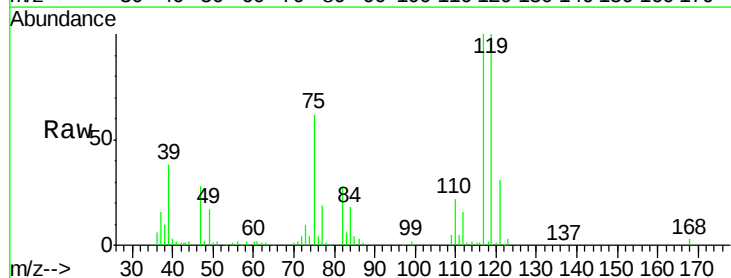
Tgt Ion: 117 Resp: 47753

Ion Ratio Lower Upper

117 100

119 100.0 73.4 110.2

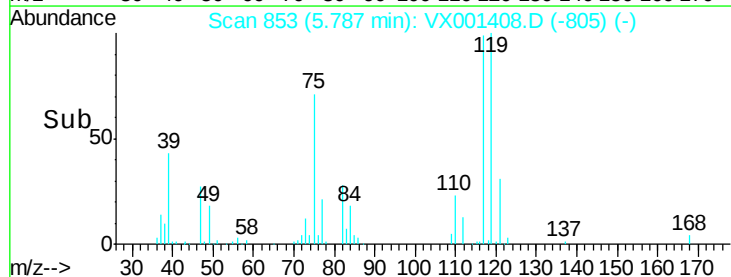
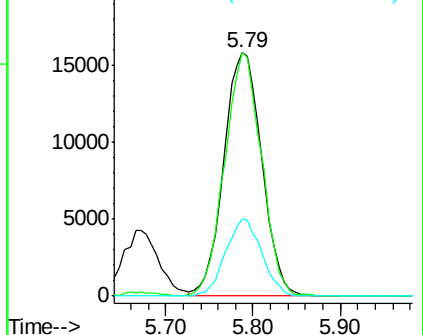
121 31.5 25.0 37.4

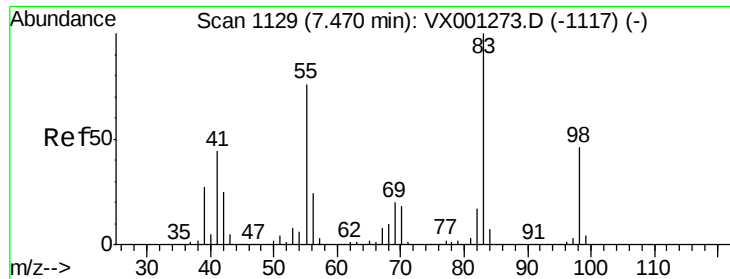


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

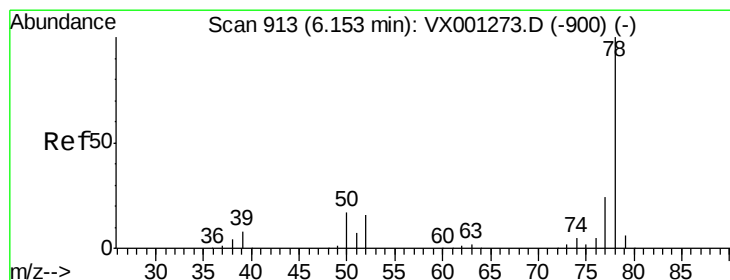
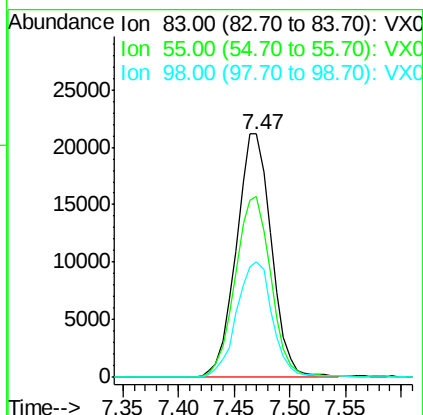
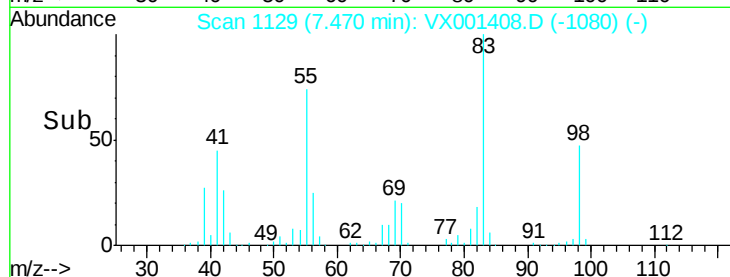
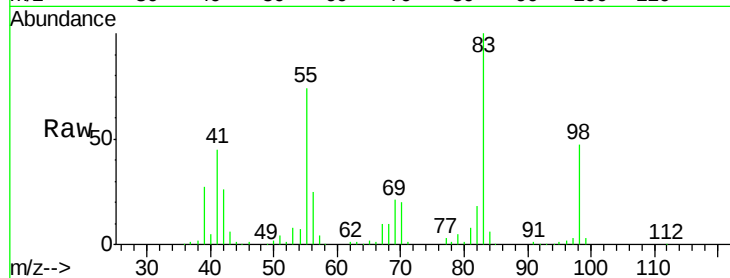




#39
Methylcyclohexane
Concen: 17.40 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

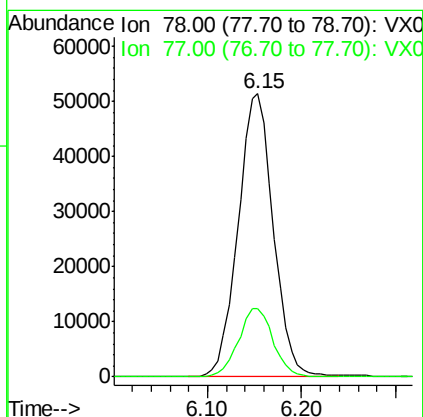
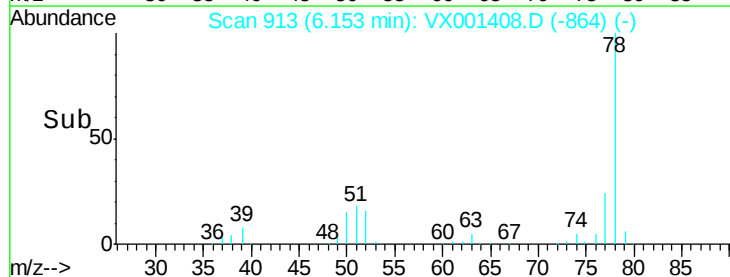
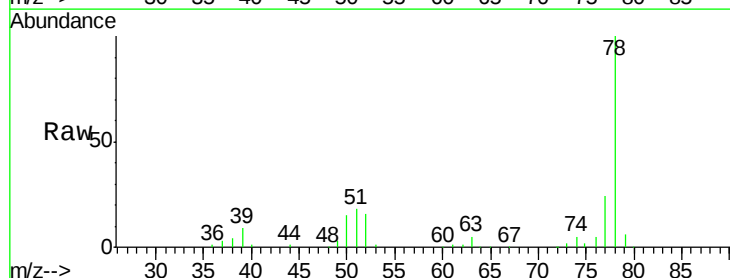
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

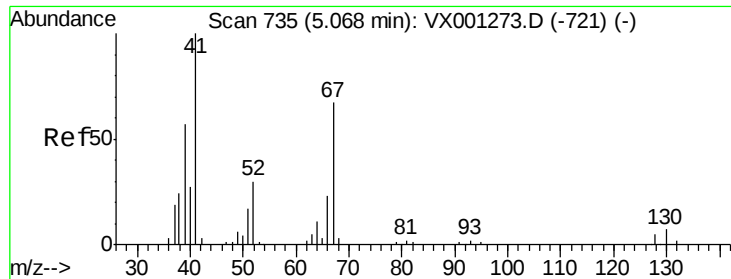
Tgt Ion: 83 Resp: 46483
Ion Ratio Lower Upper
83 100
55 74.4 60.4 90.6
98 47.3 37.0 55.6



#40
Benzene
Concen: 20.62 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 78 Resp: 134031
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 22.34 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

Tgt Ion: 41 Resp: 29685

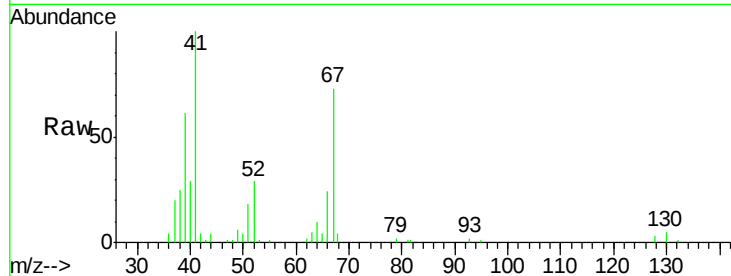
Ion Ratio Lower Upper

41 100

39 58.4 45.8 68.8

67 71.3 54.8 82.2

52 31.9 24.6 37.0

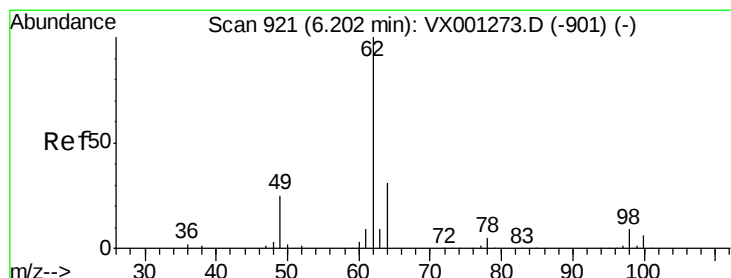
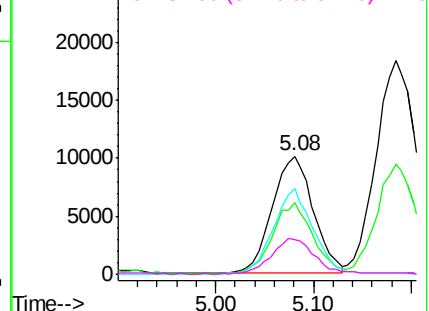
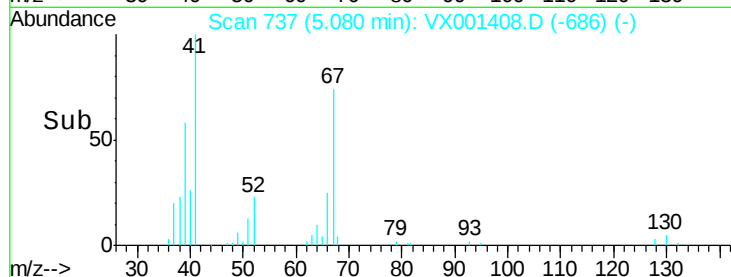


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.71 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001408.D

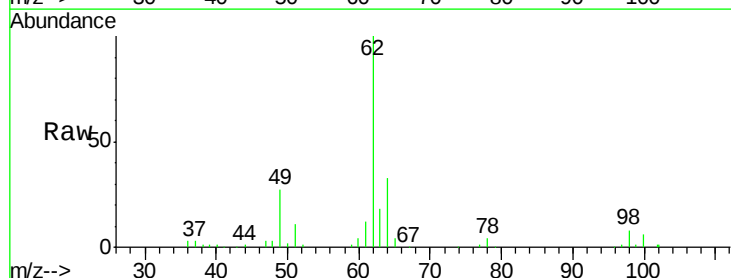
Acq: 04 May 2018 20:20

Tgt Ion: 62 Resp: 52103

Ion Ratio Lower Upper

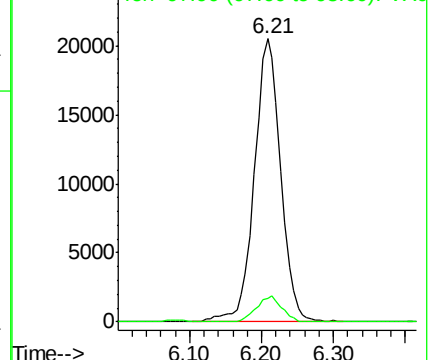
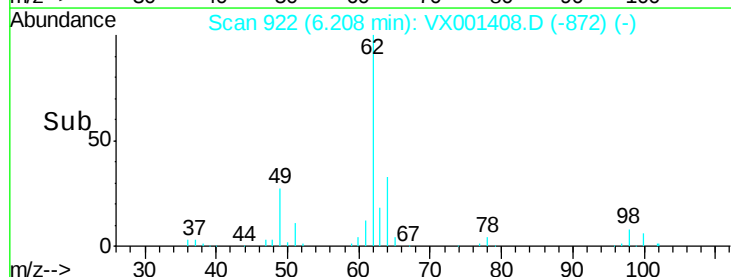
62 100

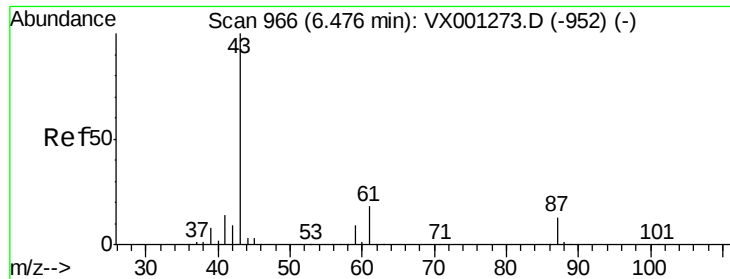
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 22.05 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

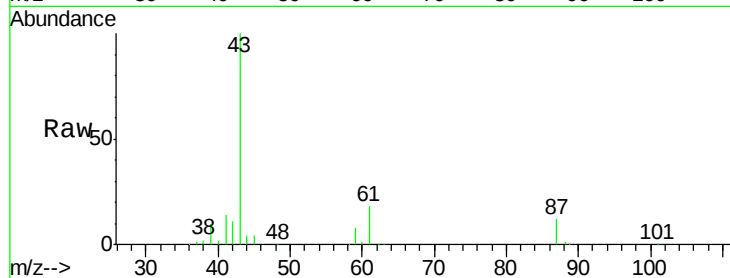
Tgt Ion: 43 Resp: 81432

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.4

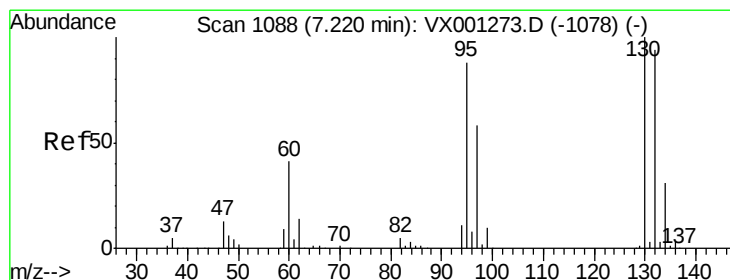
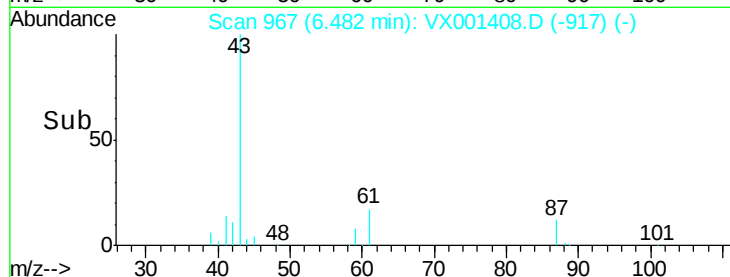
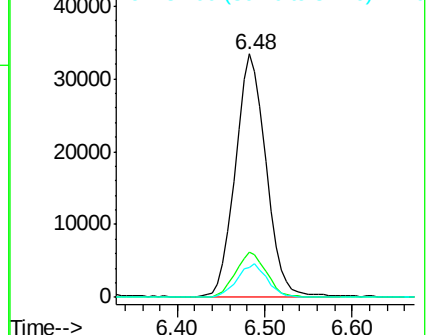
87 13.6 10.2 15.4



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: 21.16 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001408.D

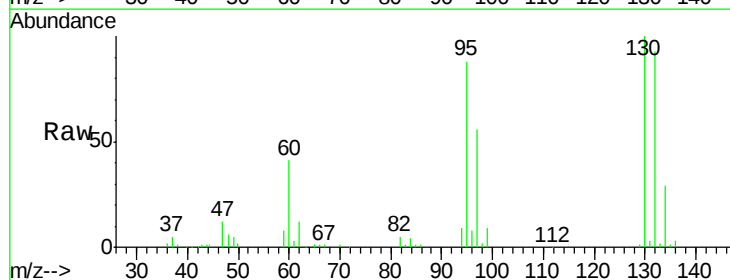
Acq: 04 May 2018 20:20

Tgt Ion: 130 Resp: 42094

Ion Ratio Lower Upper

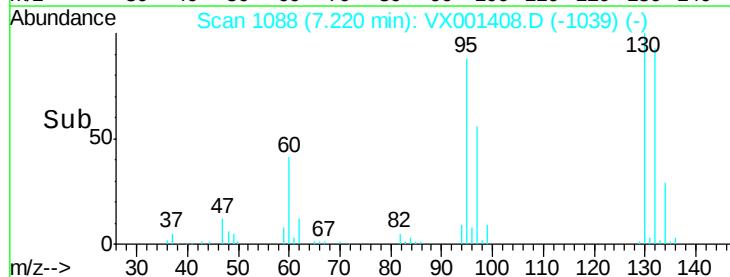
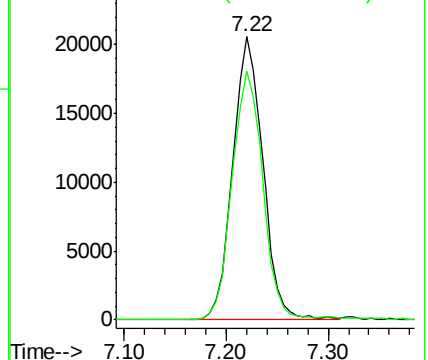
130 100

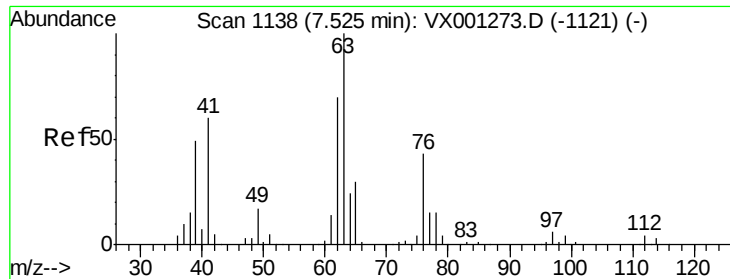
95 88.1 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

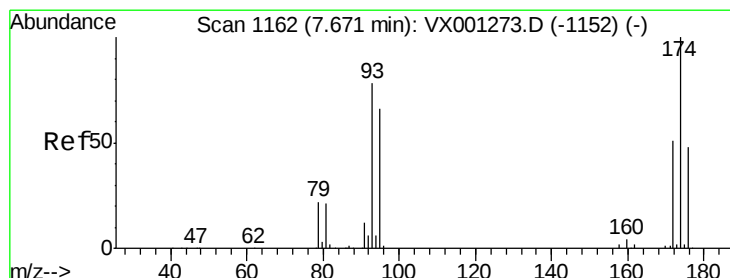
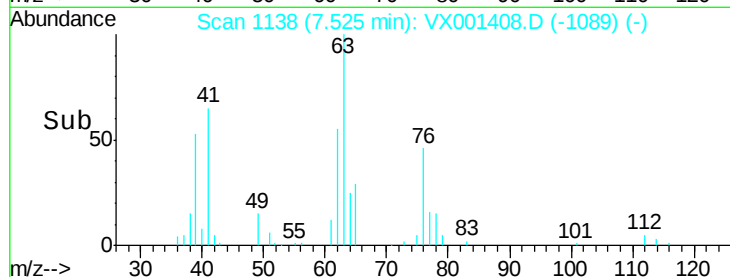
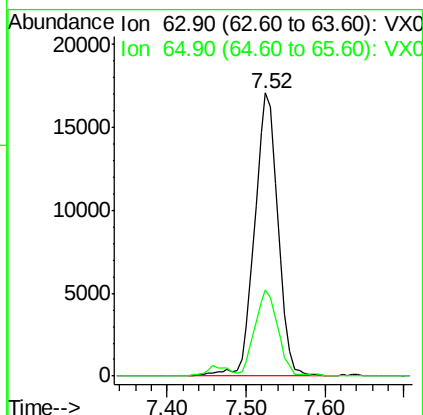
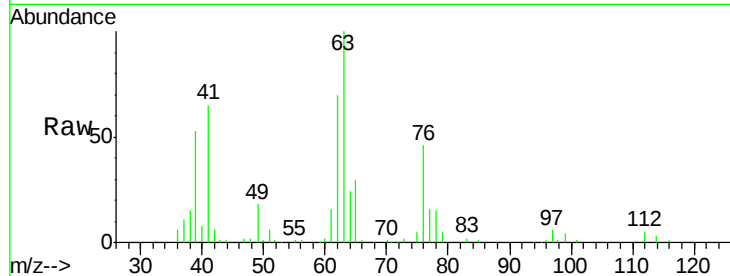




#45
 1,2-Dichloropropane
 Concen: 21.11 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

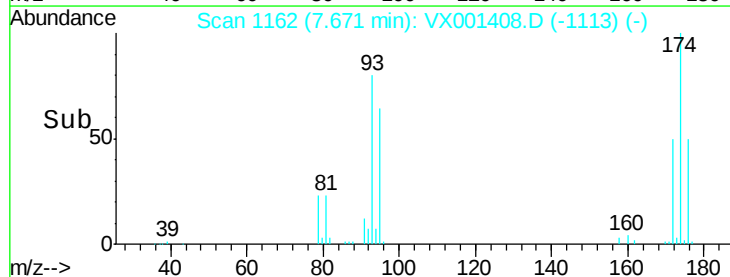
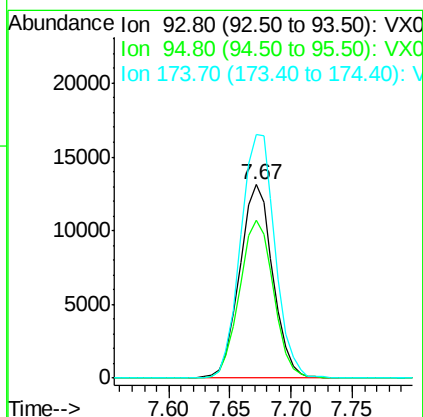
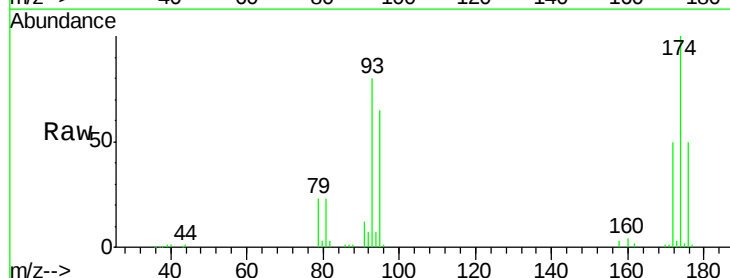
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBSD01

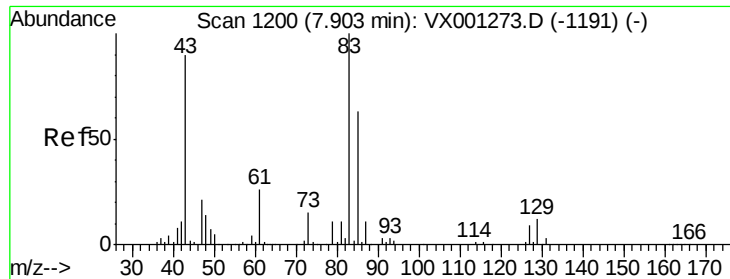
Tgt Ion: 63 Resp: 35234
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.2 36.4



#46
 Dibromomethane
 Concen: 21.09 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

Tgt Ion: 93 Resp: 24674
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 131.1 102.3 153.5





#47

Bromodichloromethane

Concen: 20.62 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

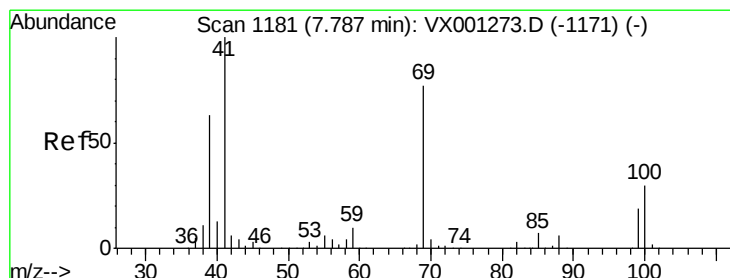
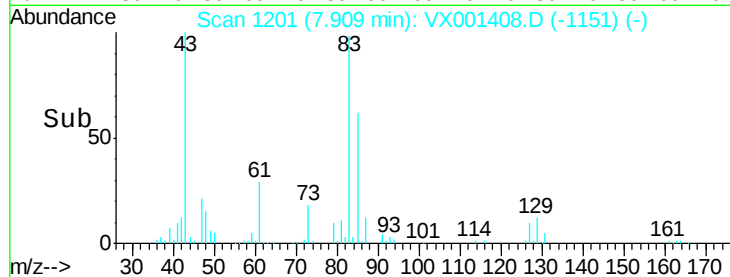
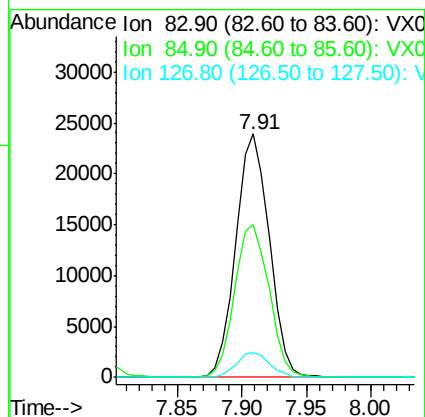
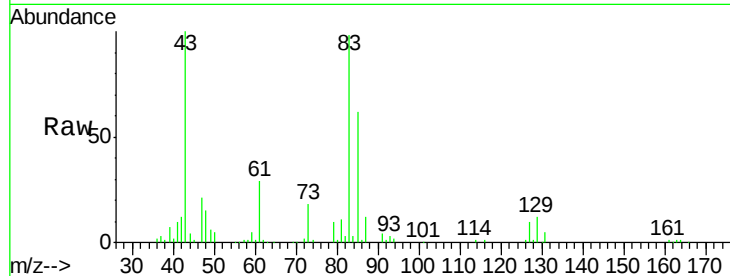
Tgt Ion: 83 Resp: 43130

Ion Ratio Lower Upper

83 100

85 62.8 50.3 75.5

127 9.9 7.4 11.2



#48

Methyl methacrylate

Concen: 21.68 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

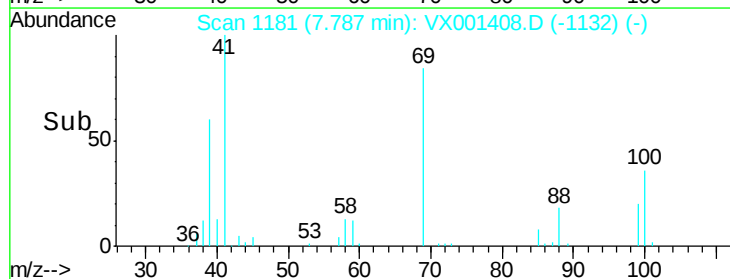
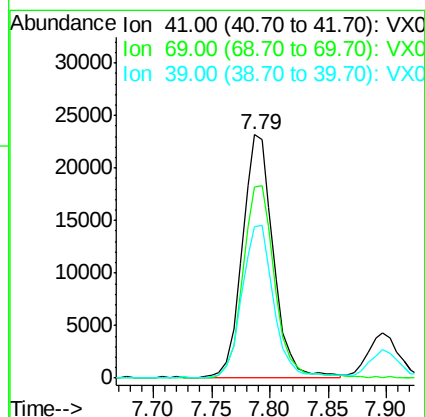
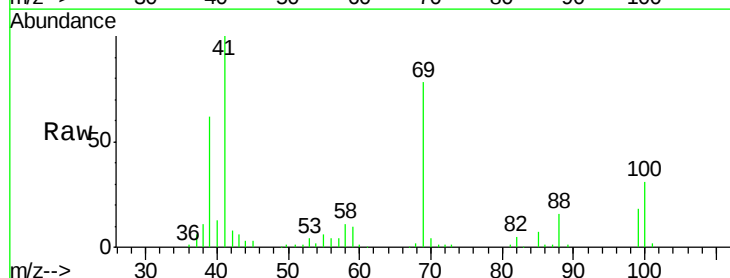
Tgt Ion: 41 Resp: 42566

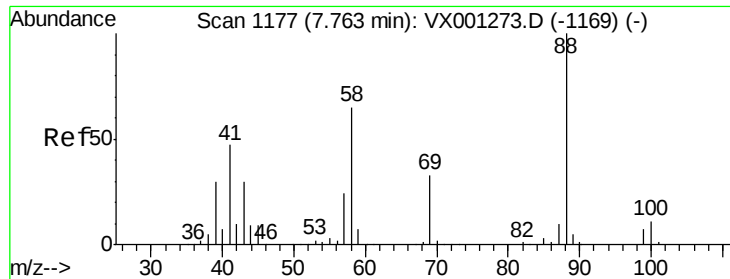
Ion Ratio Lower Upper

41 100

69 82.5 63.0 94.6

39 63.5 50.2 75.4

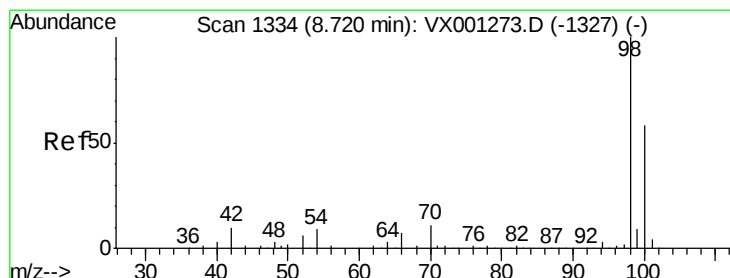
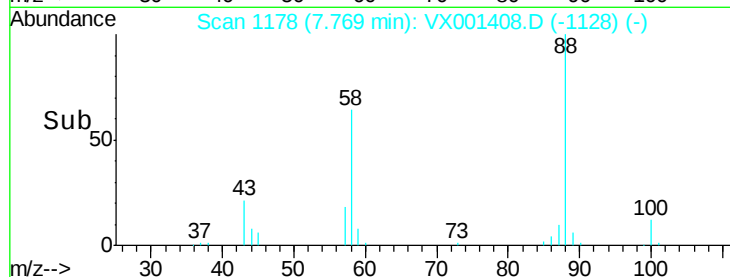
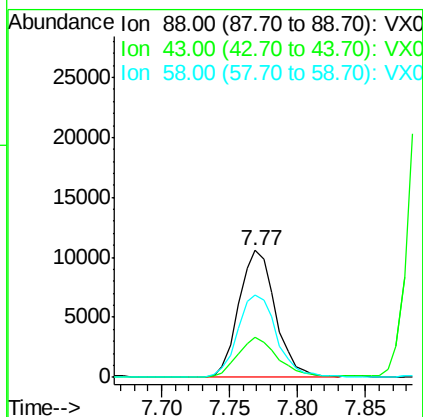
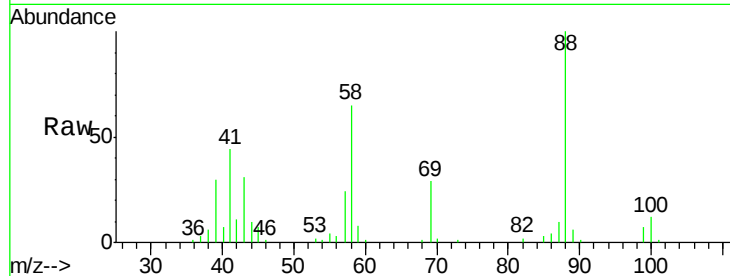




#49
1,4-Dioxane
Concen: 537.69 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

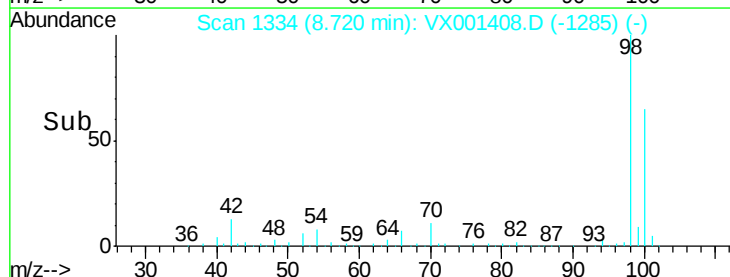
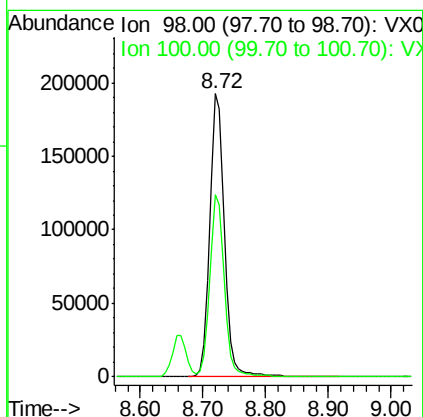
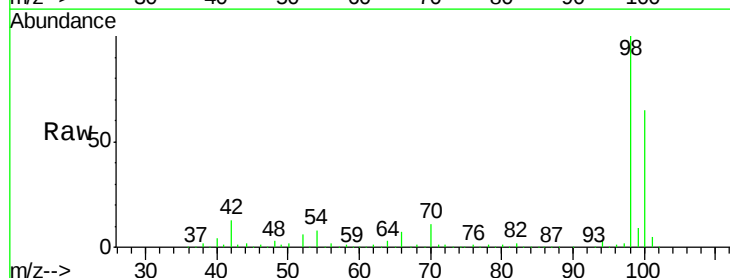
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

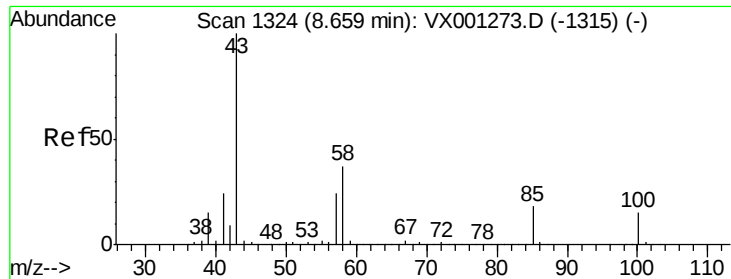
Tgt Ion: 88 Resp: 19922
Ion Ratio Lower Upper
88 100
43 35.8 27.9 41.9
58 69.7 54.2 81.2



#50
Toluene-d8
Concen: 51.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 98 Resp: 310790
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 123.84 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

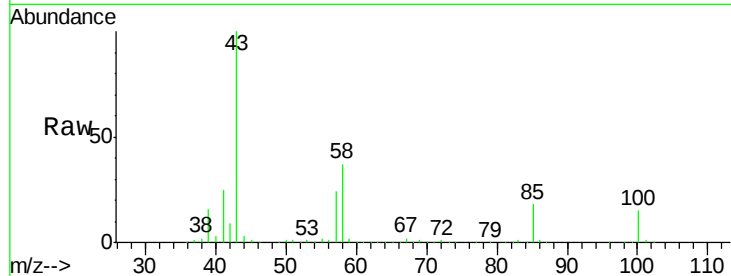
VX0504MBSD01

Tgt Ion: 43 Resp: 294878

Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

150000

100000

50000

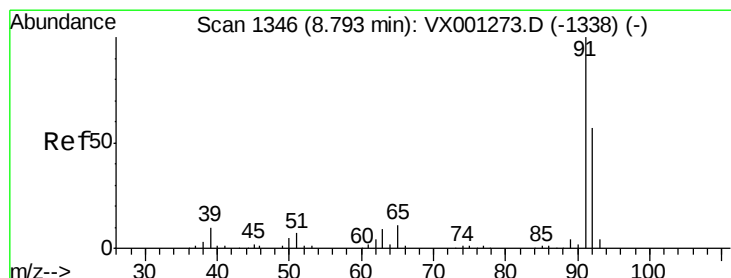
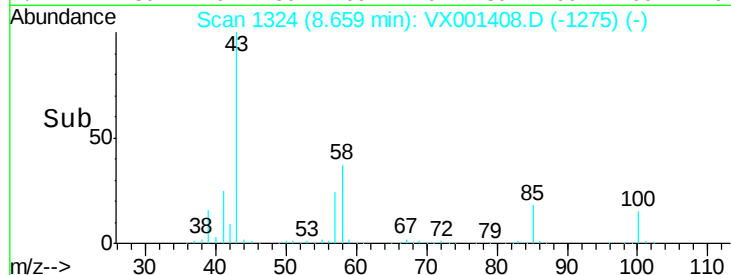
0

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 20.92 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001408.D

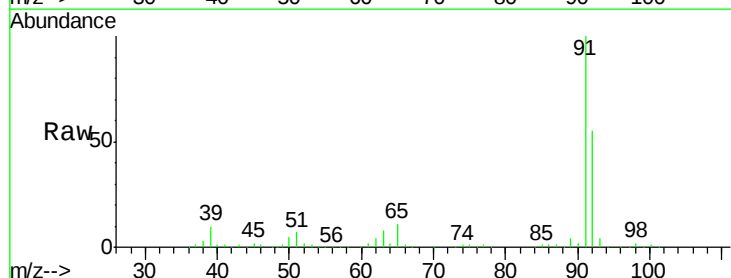
Acq: 04 May 2018 20:20

Tgt Ion: 92 Resp: 88883

Ion Ratio Lower Upper

92 100

91 171.5 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

60000

40000

20000

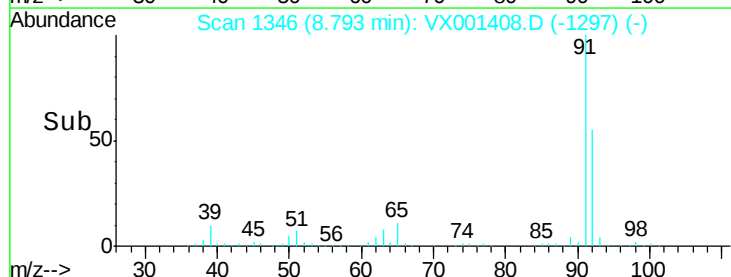
0

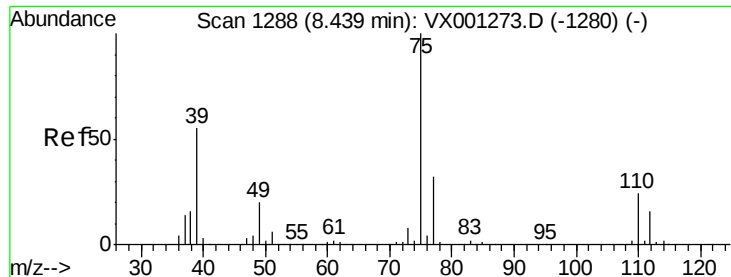
8.70

8.80

8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.34 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

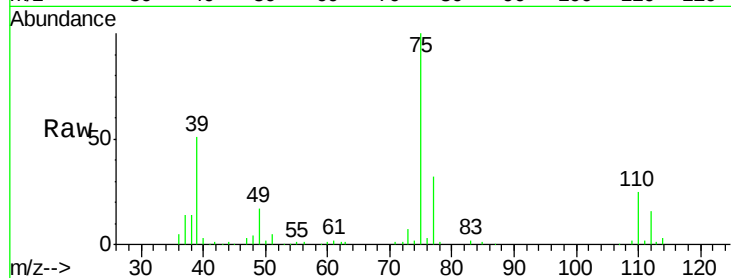
VX0504MBSD01

Tgt Ion: 75 Resp: 48104

Ion Ratio Lower Upper

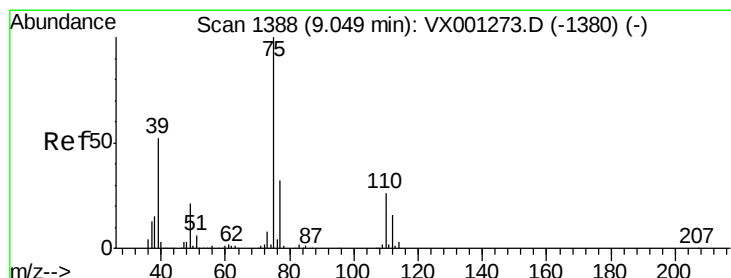
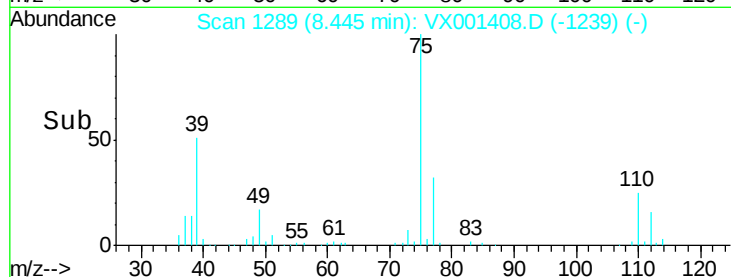
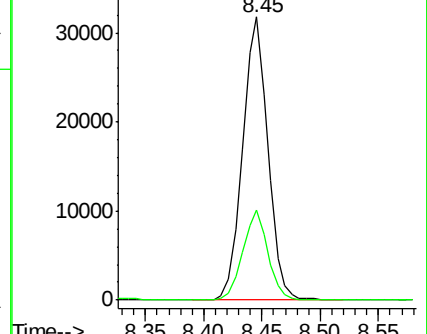
75 100

77 31.7 25.6 38.4



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: 18.82 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

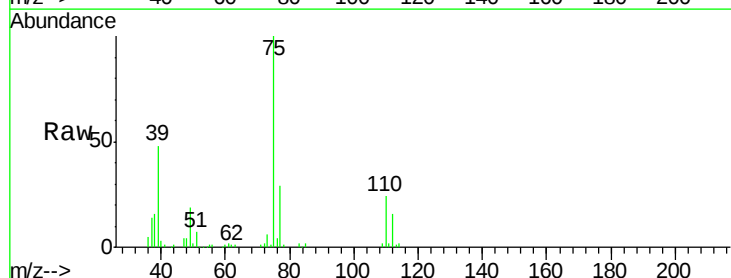
Tgt Ion: 75 Resp: 43078

Ion Ratio Lower Upper

75 100

77 29.2 25.5 38.3

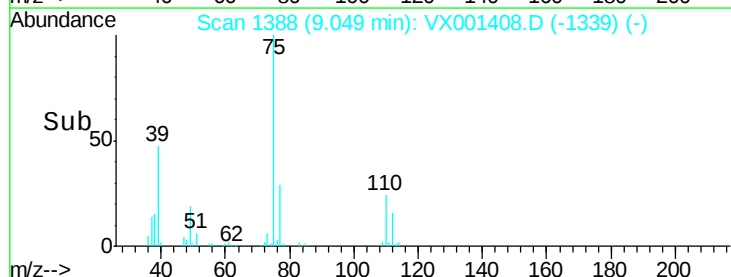
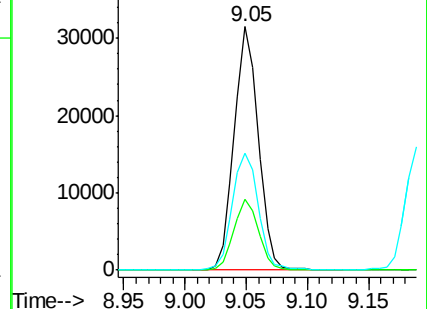
39 48.0 41.9 62.9

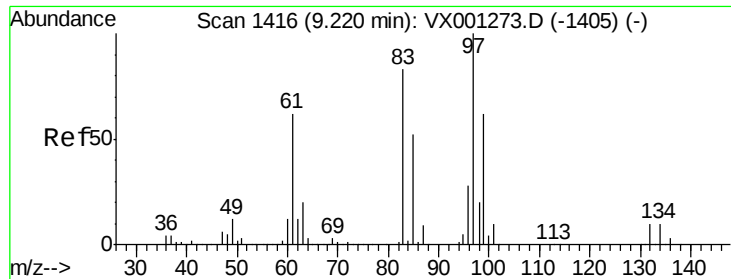


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

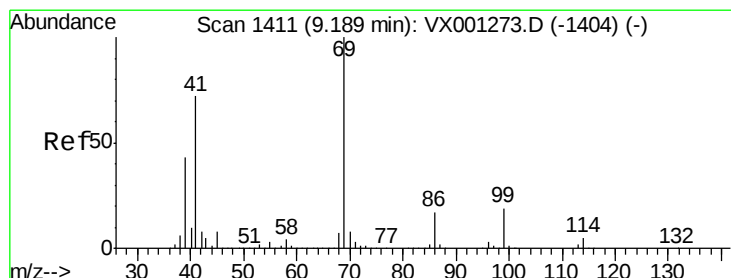
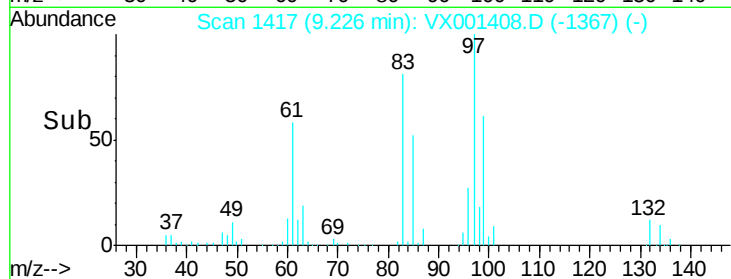
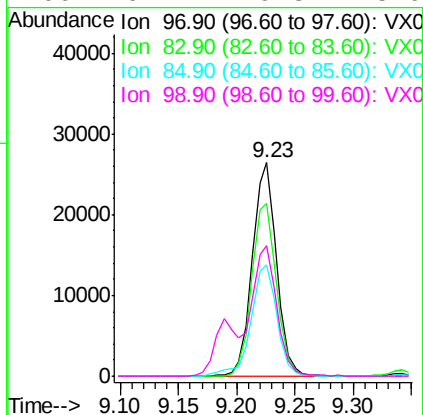
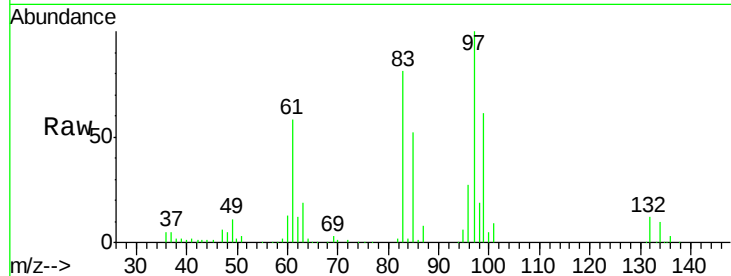




#55
 1,1,2-Trichloroethane
 Concen: 22.39 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

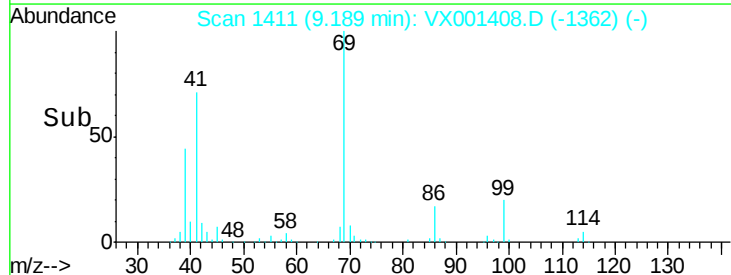
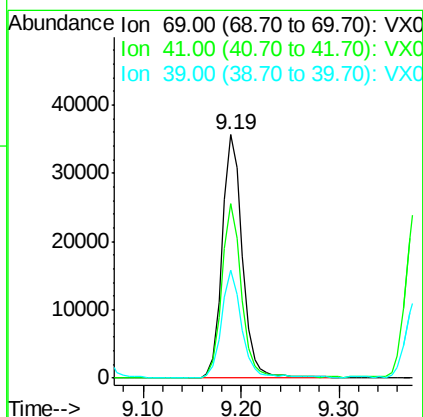
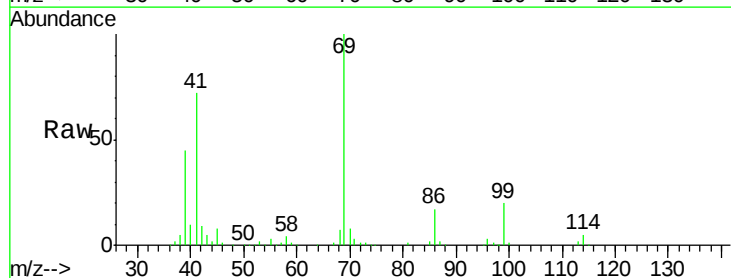
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBSD01

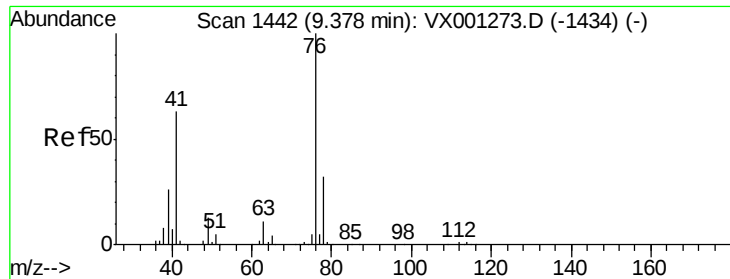
Tgt Ion:	97	Resp:	38416
Ion	Ratio	Lower	Upper
97	100		
83	80.9	66.4	99.6
85	52.2	41.6	62.4
99	61.4	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 21.58 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

Tgt Ion:	69	Resp:	51316
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.2	85.8
39	44.1	34.3	51.5





#57

1,3-Dichloropropane

Concen: 21.84 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

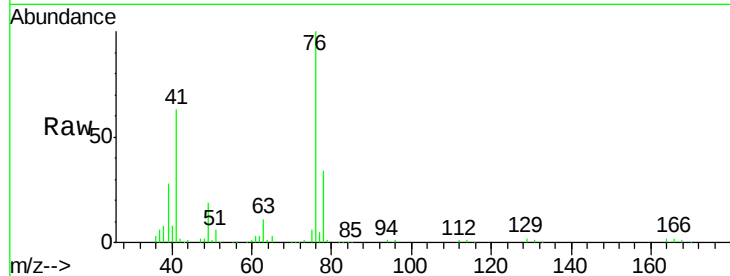
VX0504MBSD01

Tgt Ion: 76 Resp: 60292

Ion Ratio Lower Upper

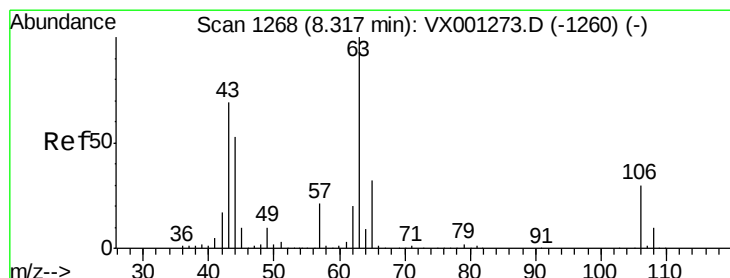
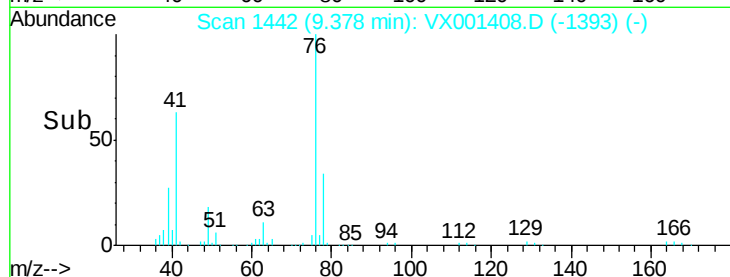
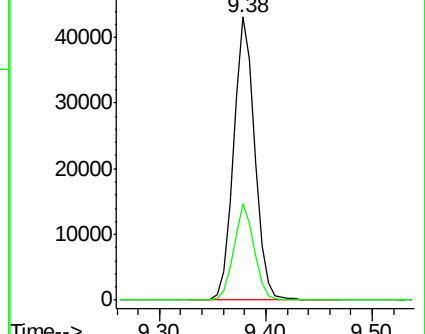
76 100

78 32.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 114.89 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001408.D

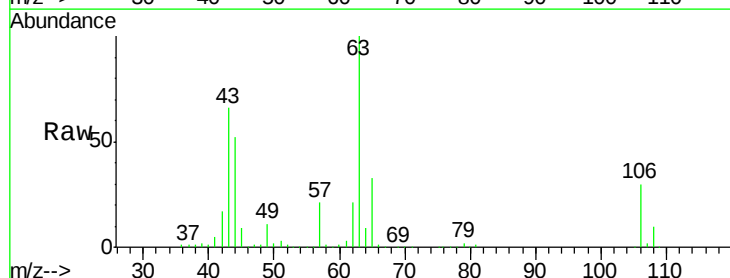
Acq: 04 May 2018 20:20

Tgt Ion: 63 Resp: 131808

Ion Ratio Lower Upper

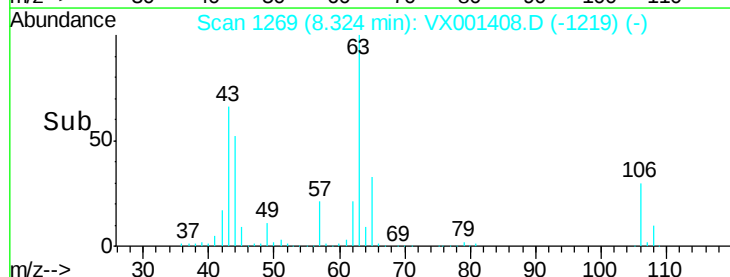
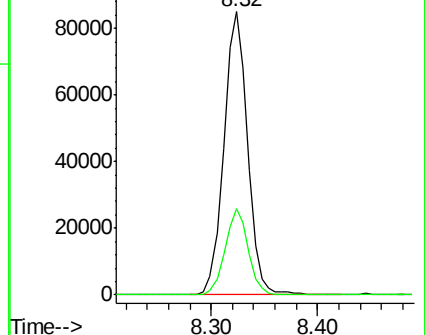
63 100

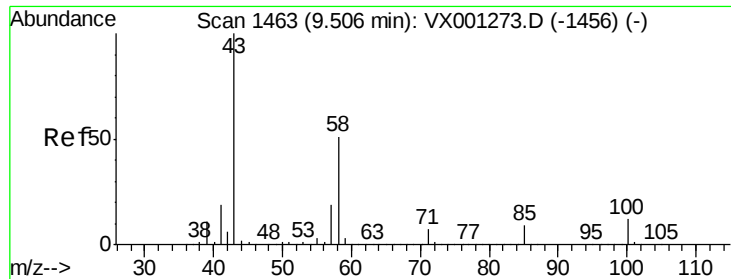
106 29.8 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

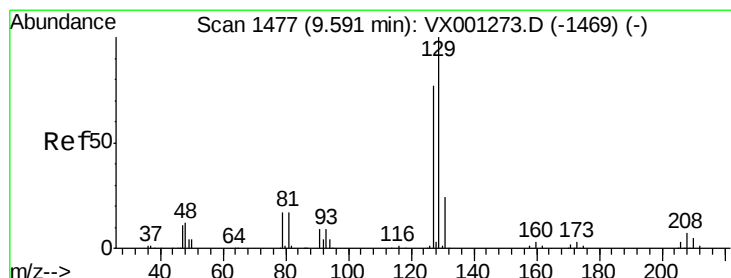
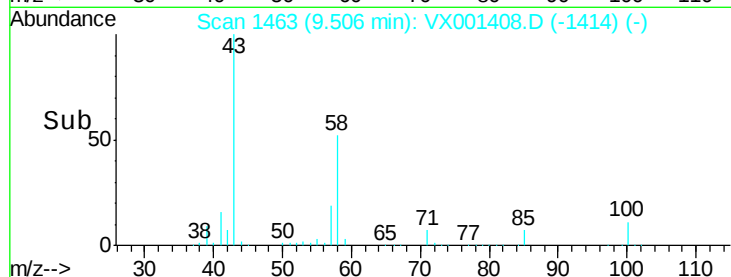
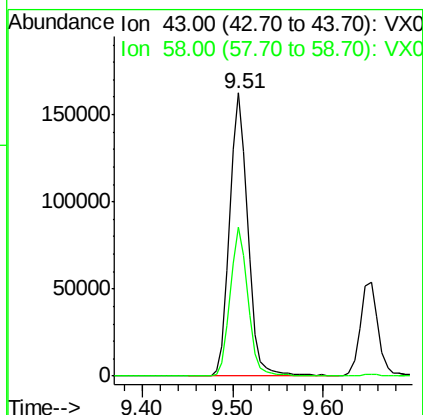
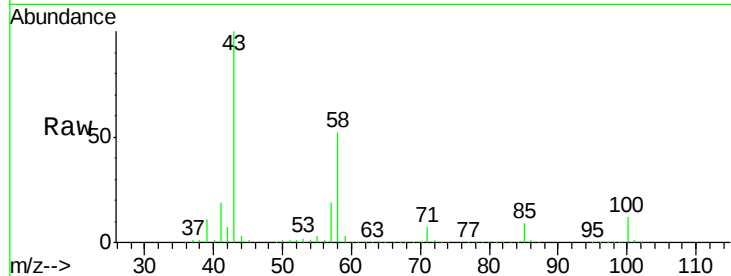




#59
2-Hexanone
Concen: 121.93 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

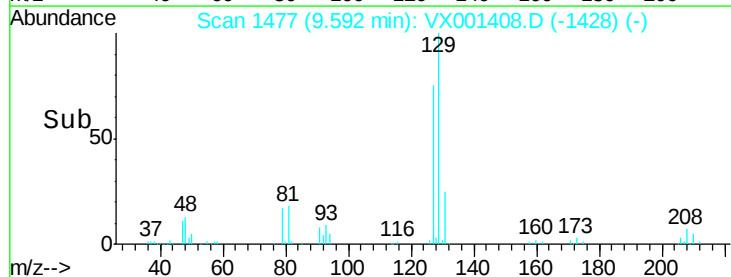
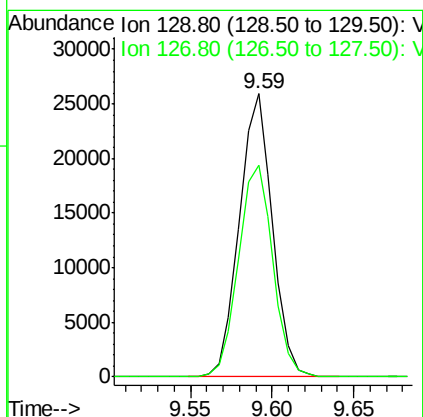
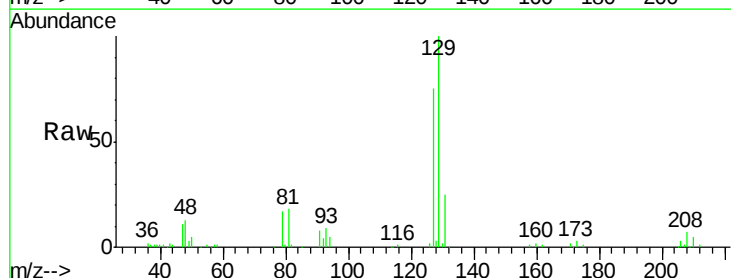
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

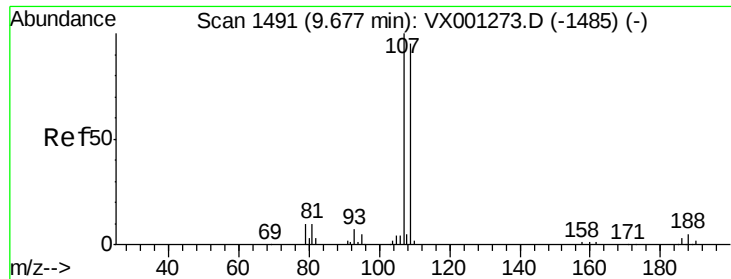
Tgt Ion: 43 Resp: 226911
Ion Ratio Lower Upper
43 100
58 51.6 25.7 77.0



#60
Dibromochloromethane
Concen: 20.44 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 129 Resp: 36598
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 21.82 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

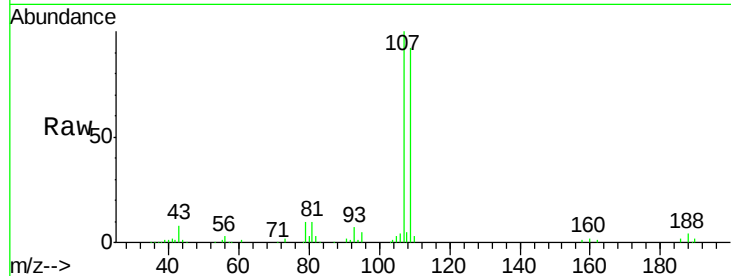
VX0504MBSD01

Tgt Ion: 107 Resp: 39688

Ion Ratio Lower Upper

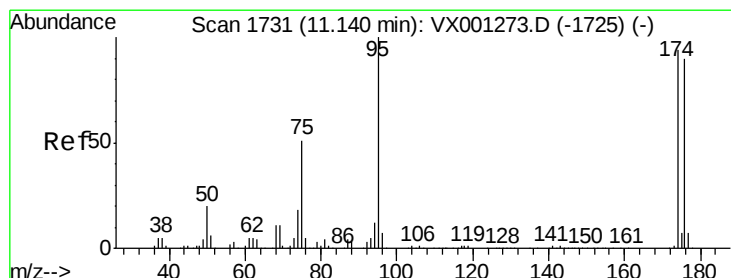
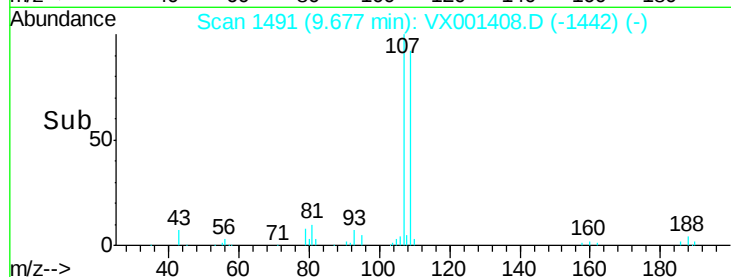
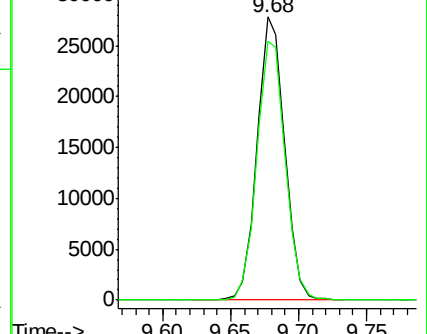
107 100

109 94.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.54 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

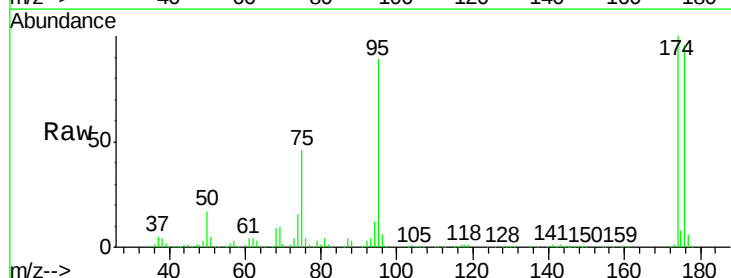
Tgt Ion: 95 Resp: 112134

Ion Ratio Lower Upper

95 100

174 105.2 0.0 201.8

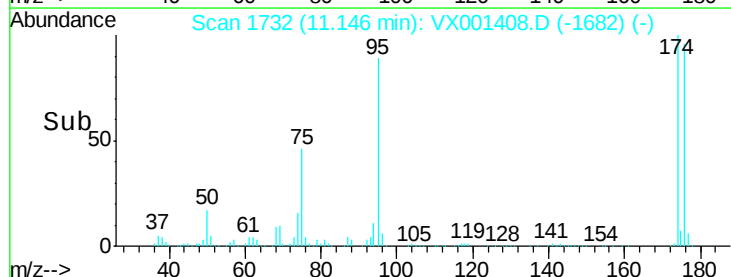
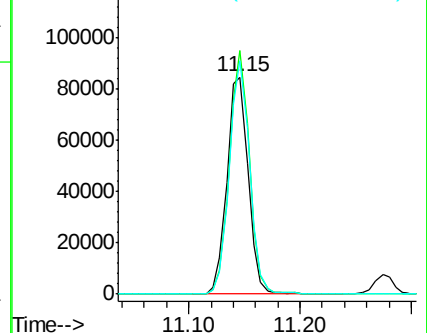
176 102.6 0.0 197.2



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

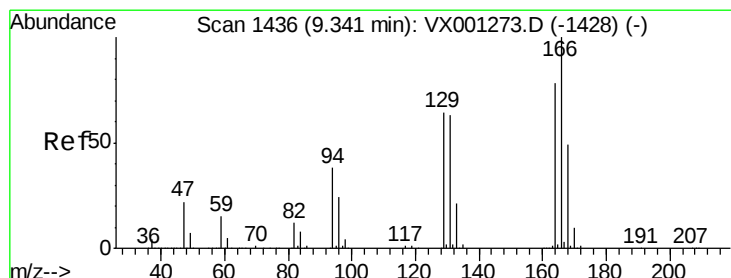
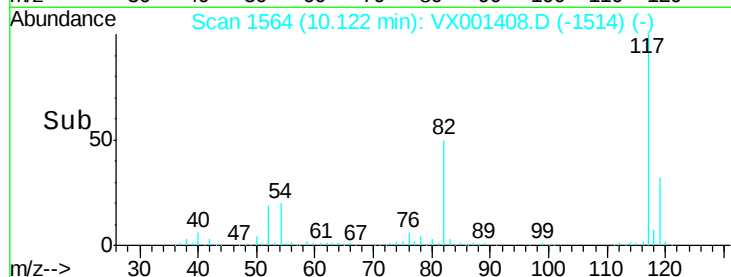
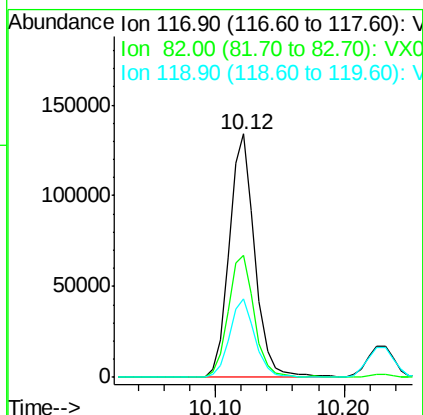
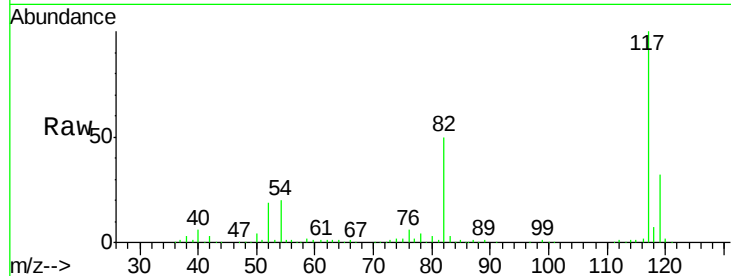




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

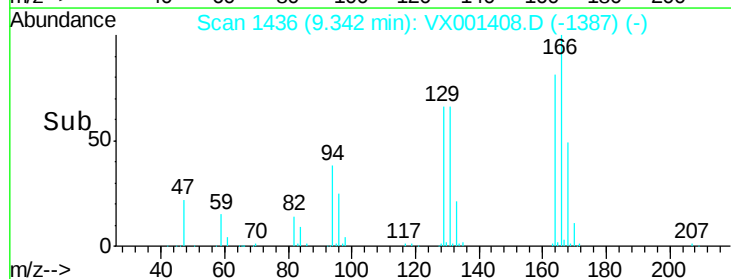
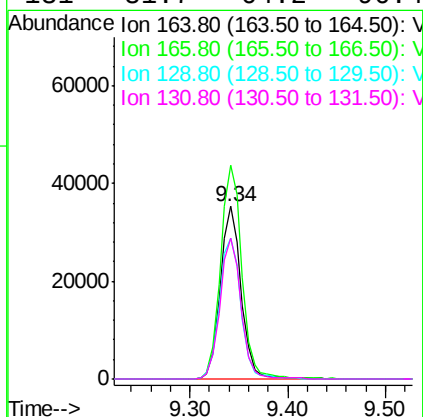
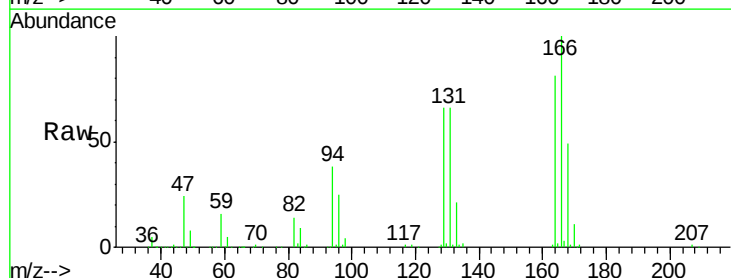
Instrument :
MSVOA_X
ClientSampled :
VX0504MBSD01

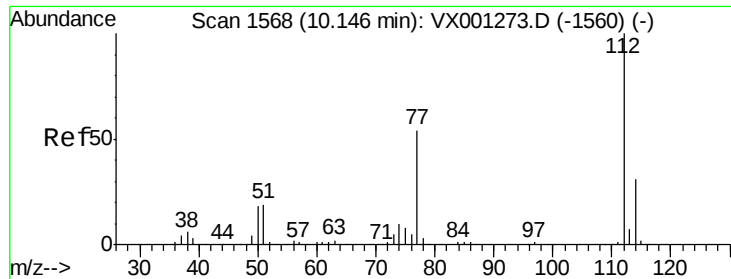
Tgt Ion:117 Resp: 185599
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.0
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 23.77 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion:164 Resp: 52261
Ion Ratio Lower Upper
164 100
166 123.9 102.3 153.5
129 82.0 65.1 97.7
131 81.7 64.2 96.4





#65

Chlorobenzene

Concen: 20.40 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

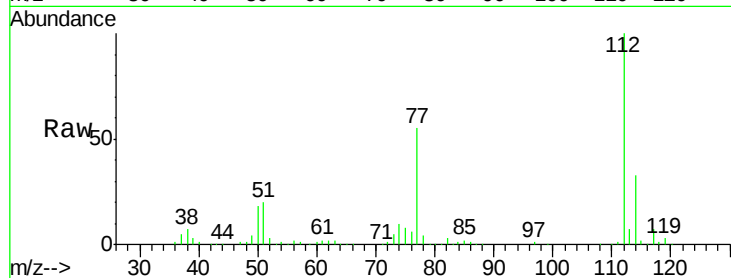
VX0504MBSD01

Tgt Ion:112 Resp: 102974

Ion Ratio Lower Upper

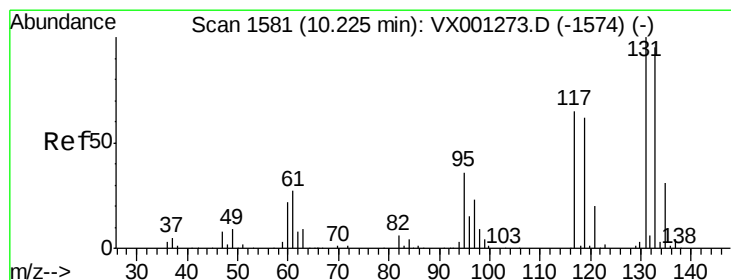
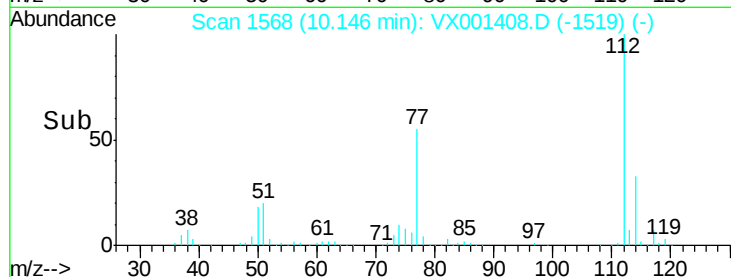
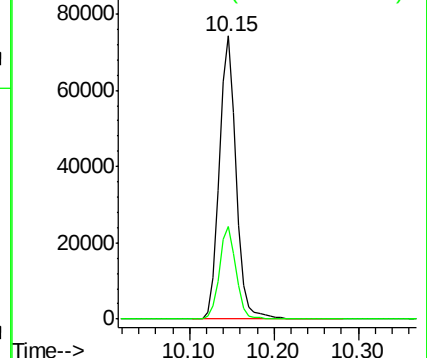
112 100

114 32.7 24.8 37.2



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: 21.49 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

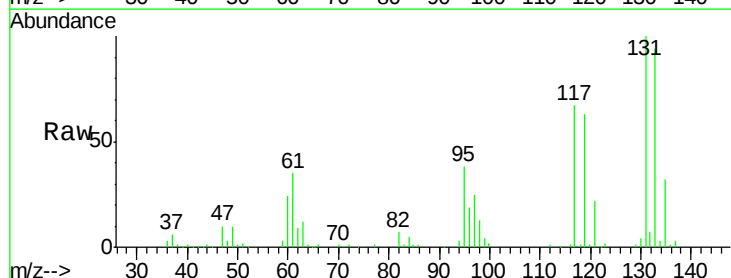
Tgt Ion:131 Resp: 37648

Ion Ratio Lower Upper

131 100

133 98.0 48.3 144.9

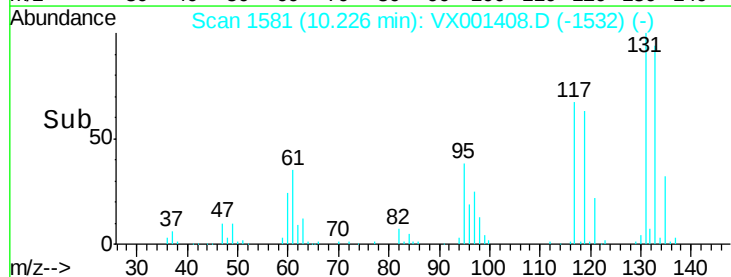
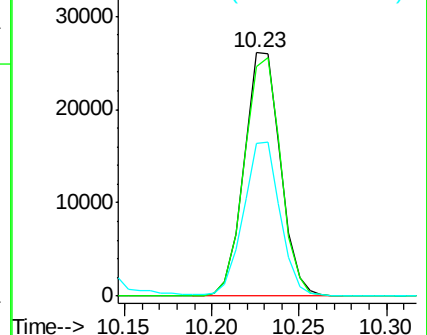
119 63.7 31.2 93.6

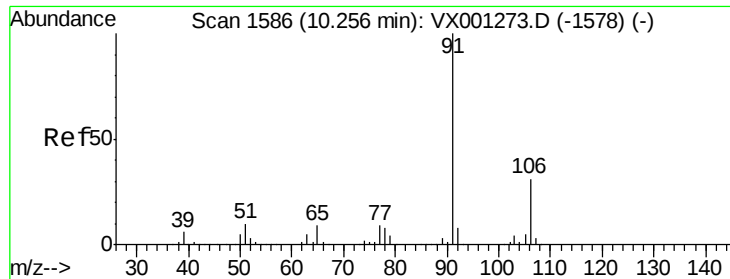


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

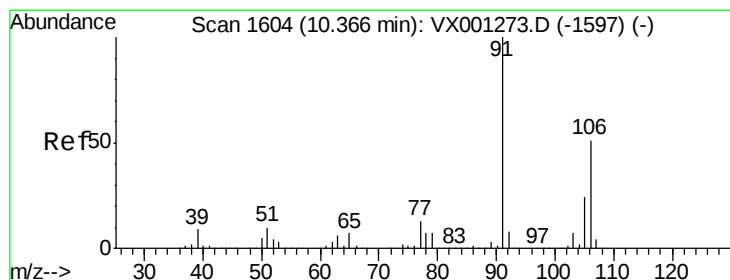
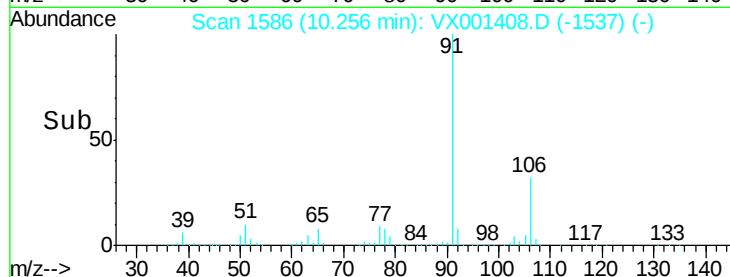
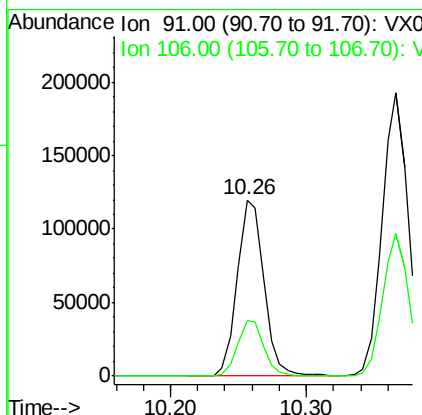
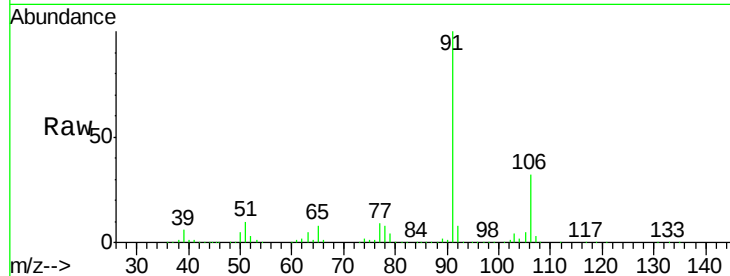




#67
Ethyl Benzene
Concen: 19.85 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

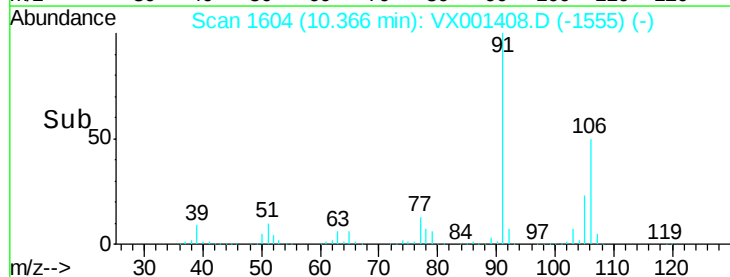
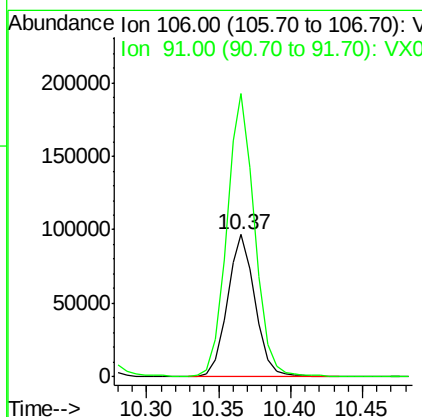
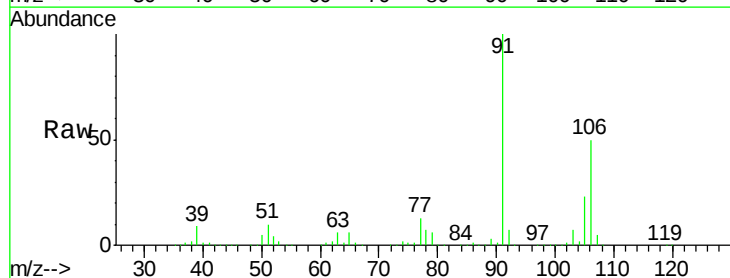
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

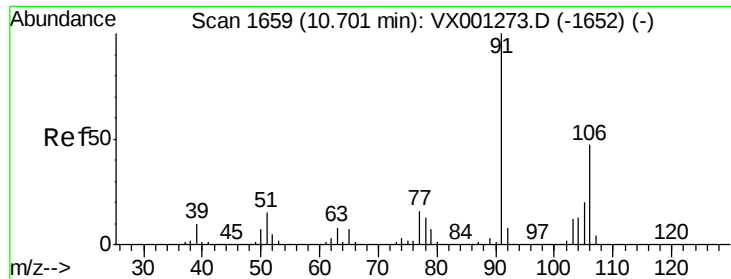
Tgt Ion: 91 Resp: 165100
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 39.69 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion: 106 Resp: 129908
Ion Ratio Lower Upper
106 100
91 202.2 159.4 239.2

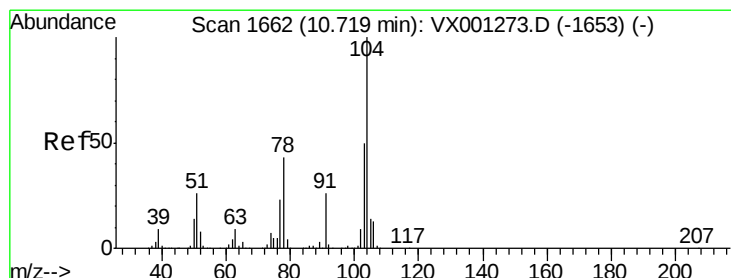
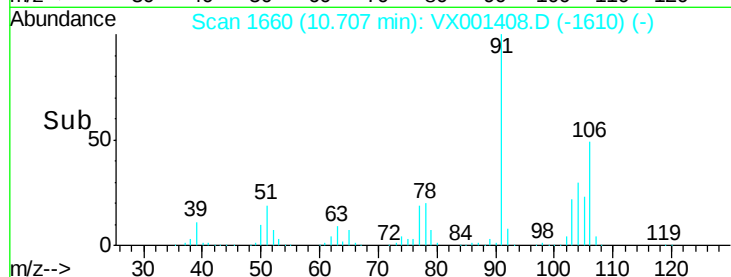
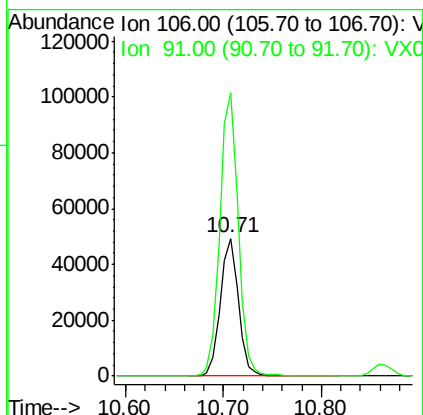
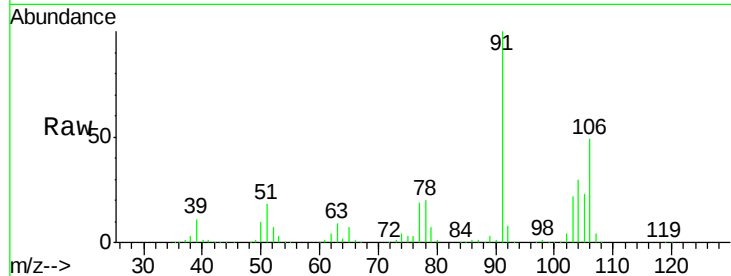




#69
o-Xylene
Concen: 20.10 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

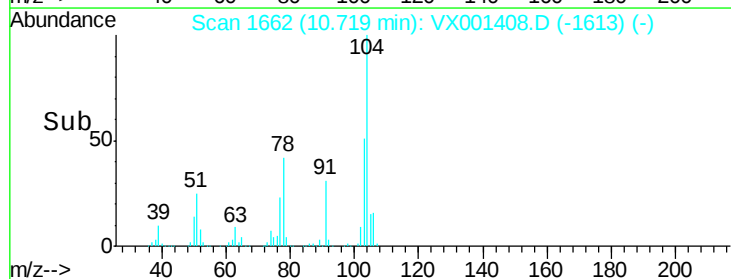
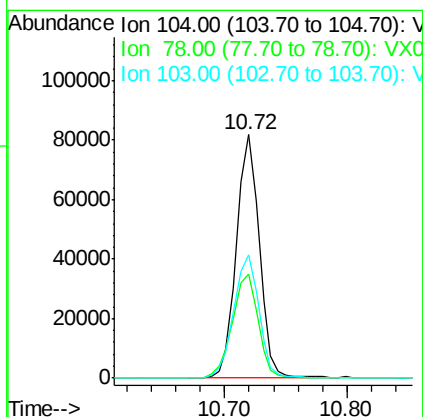
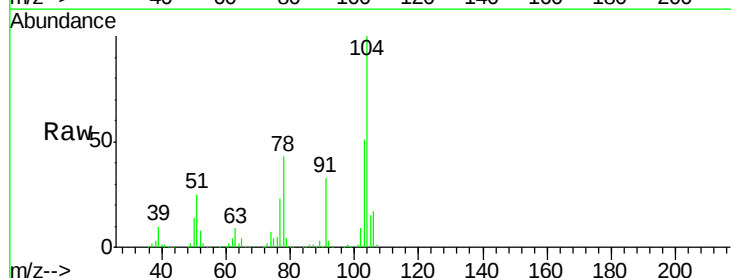
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBSD01

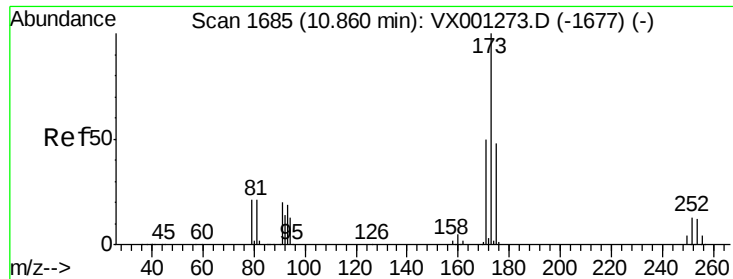
Tgt Ion:106 Resp: 63819
Ion Ratio Lower Upper
106 100
91 208.4 106.3 319.0



#70
Styrene
Concen: 20.41 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001408.D
Acq: 04 May 2018 20:20

Tgt Ion:104 Resp: 105969
Ion Ratio Lower Upper
104 100
78 48.4 40.1 60.1
103 56.4 44.5 66.7





#71

Bromoform

Concen: 19.95 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

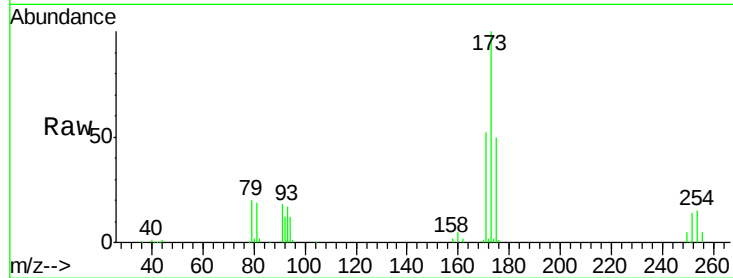
Tgt Ion:173 Resp: 29440

Ion Ratio Lower Upper

173 100

175 49.2 24.6 74.0

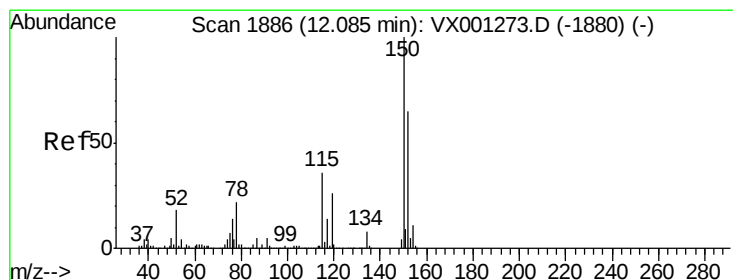
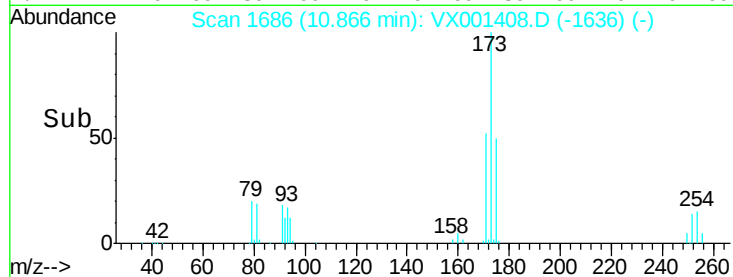
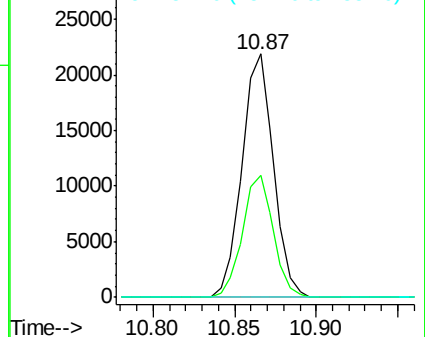
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

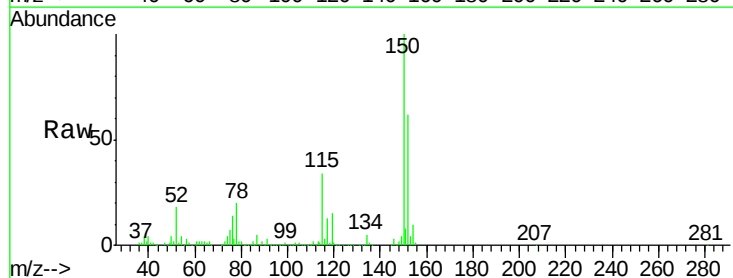
Tgt Ion:152 Resp: 122511

Ion Ratio Lower Upper

152 100

115 63.1 38.6 115.7

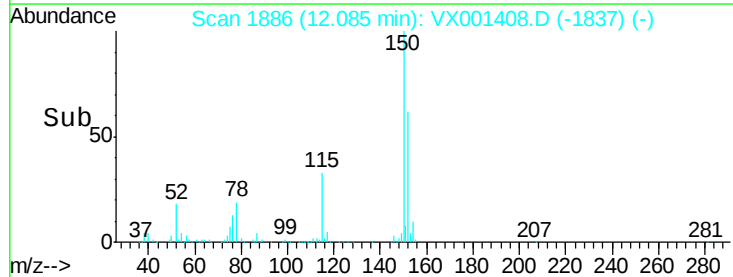
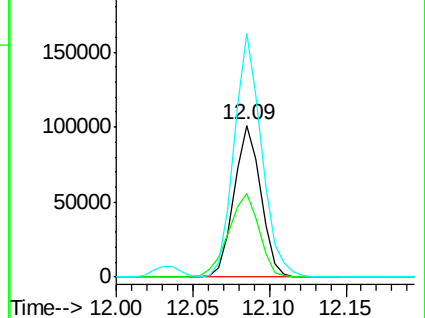
150 165.2 0.0 349.2

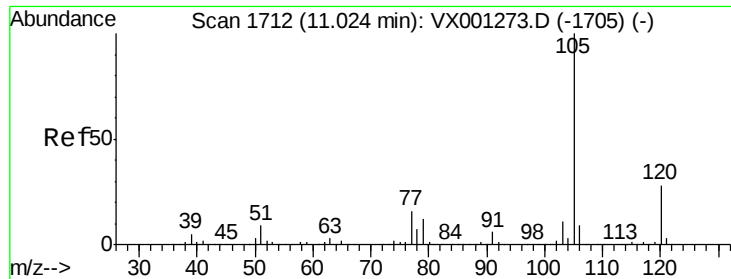


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.33 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

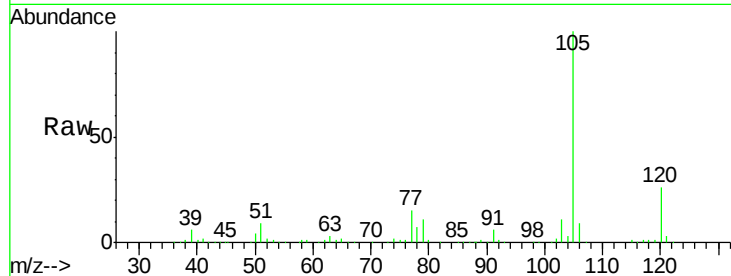
VX0504MBSD01

Tgt Ion: 105 Resp: 174848

Ion Ratio Lower Upper

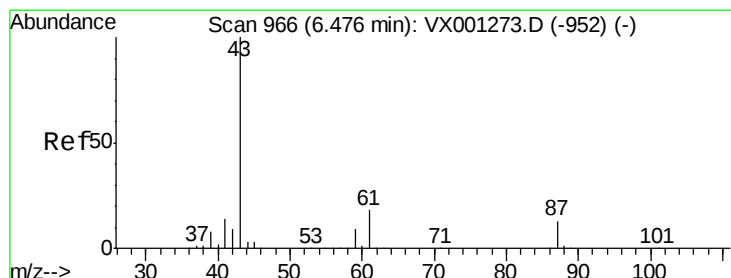
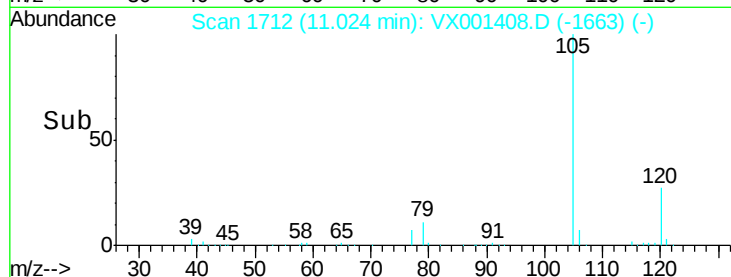
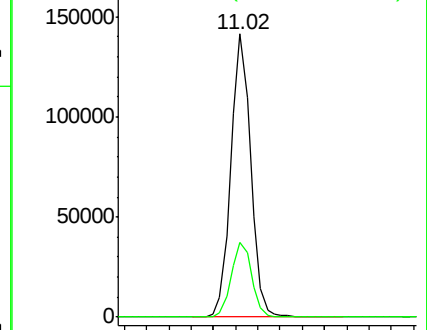
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.16 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Tgt Ion: 43 Resp: 81432

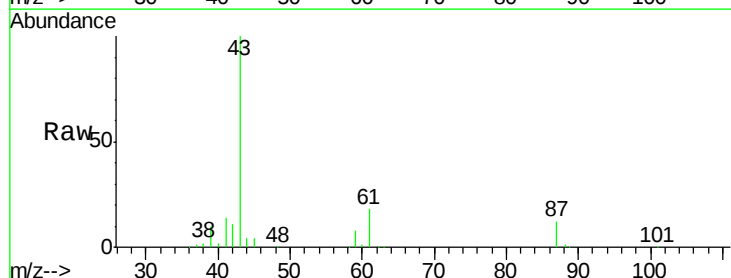
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.9 15.0 22.4

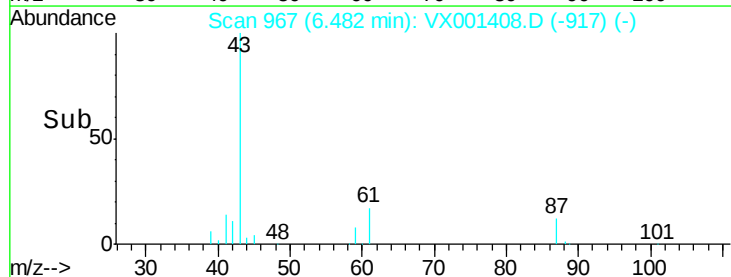
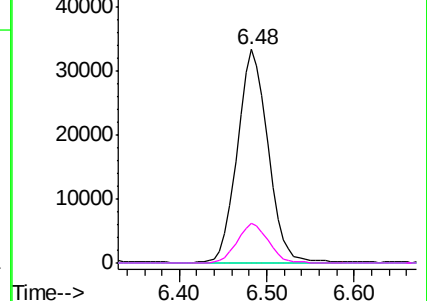


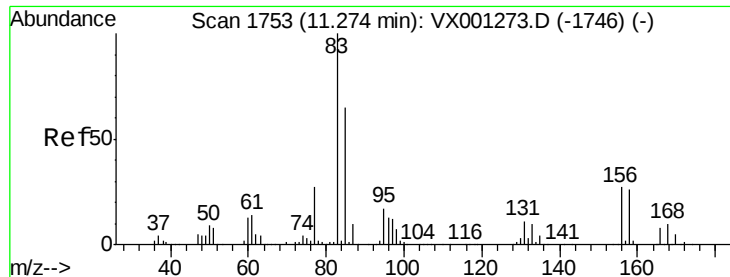
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.48 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

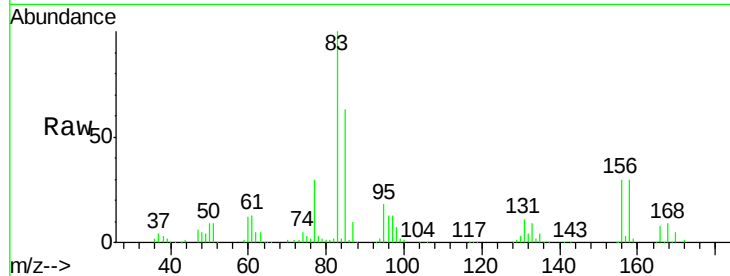
Tgt Ion: 83 Resp: 55190

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.3

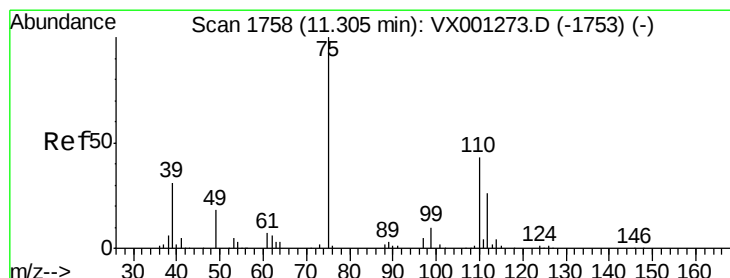
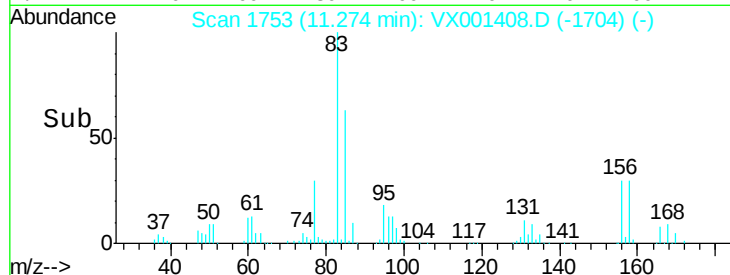
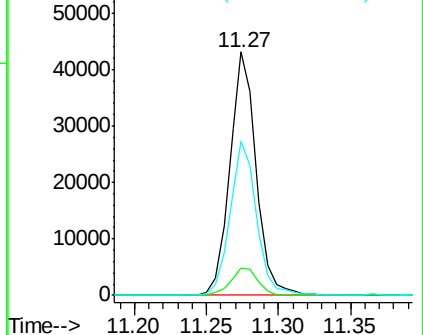
85 63.9 32.6 97.7



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: 26.97 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001408.D

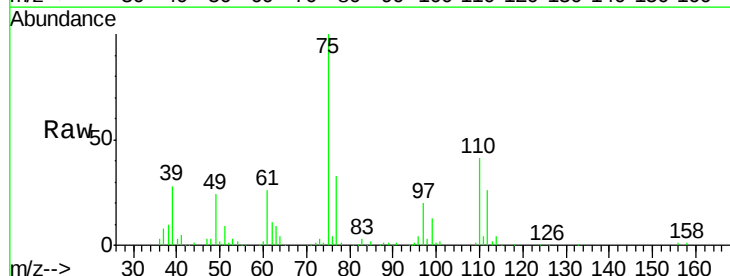
Acq: 04 May 2018 20:20

Tgt Ion: 75 Resp: 61088

Ion Ratio Lower Upper

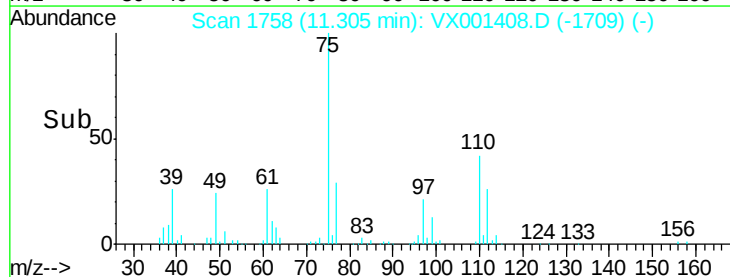
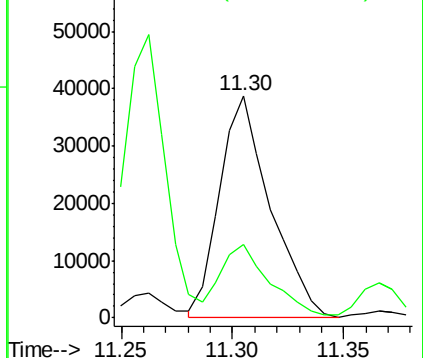
75 100

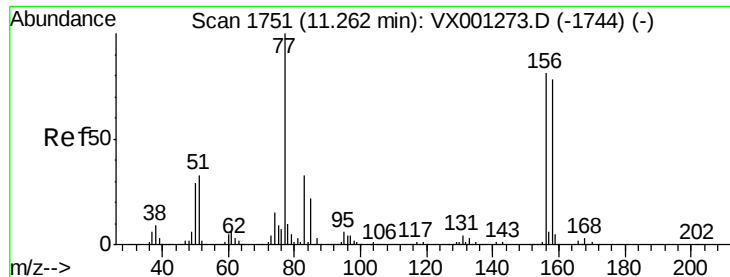
77 32.4 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.50 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

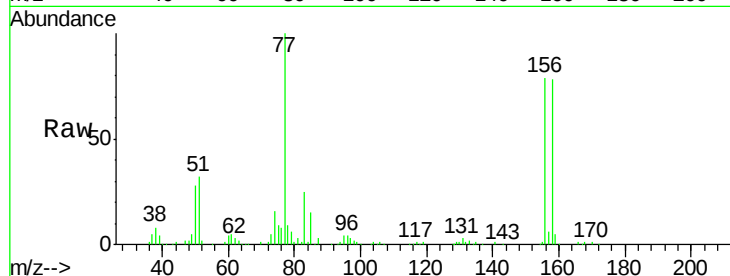
Tgt Ion:156 Resp: 50830

Ion Ratio Lower Upper

156 100

77 126.7 65.3 195.8

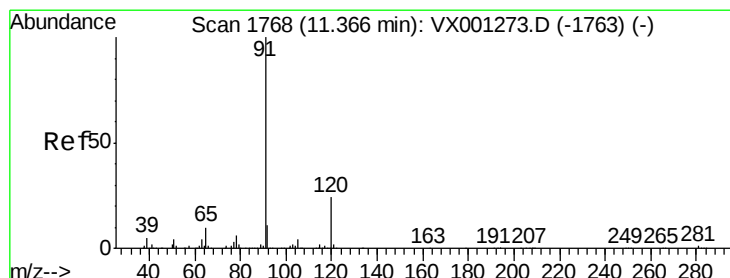
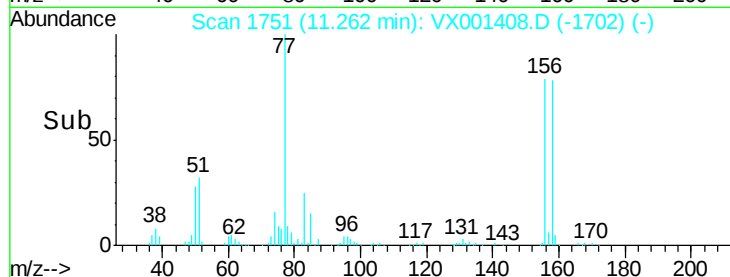
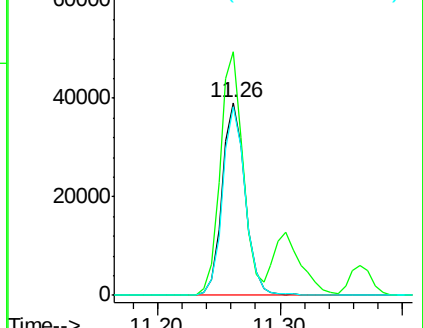
158 97.1 48.5 145.5



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: 20.71 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001408.D

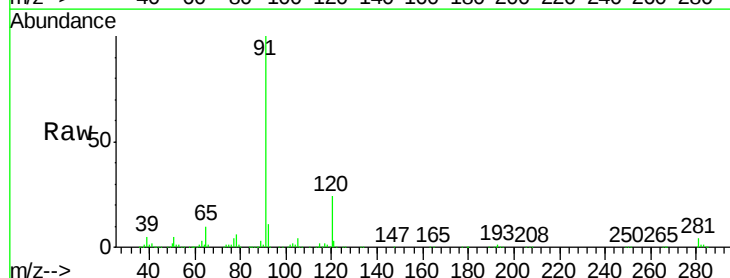
Acq: 04 May 2018 20:20

Tgt Ion: 91 Resp: 188635

Ion Ratio Lower Upper

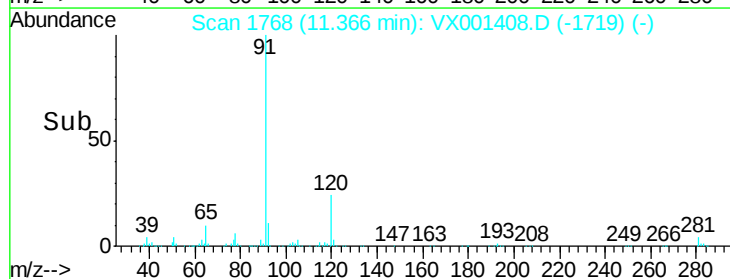
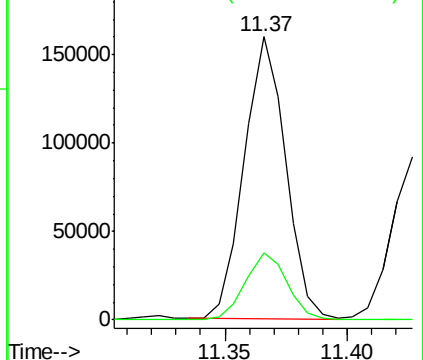
91 100

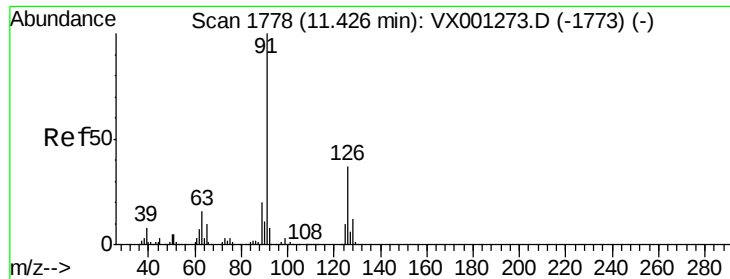
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.98 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

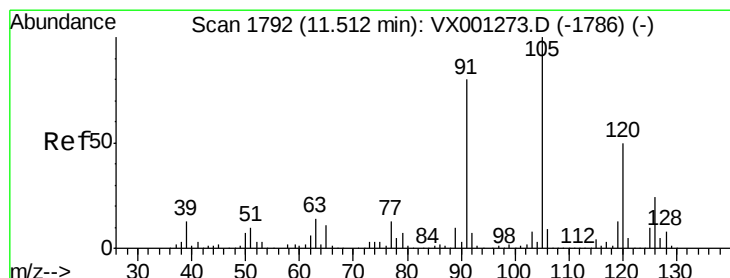
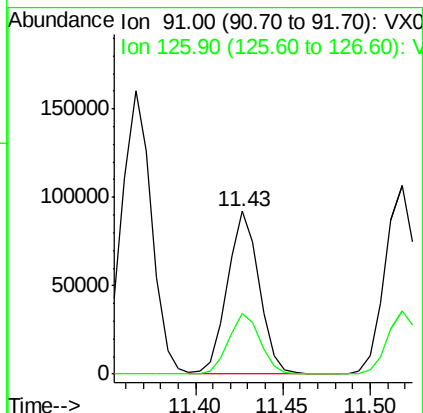
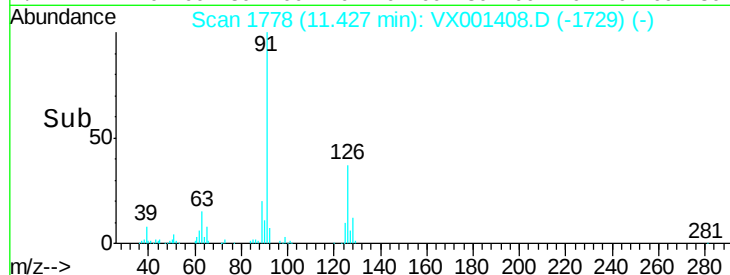
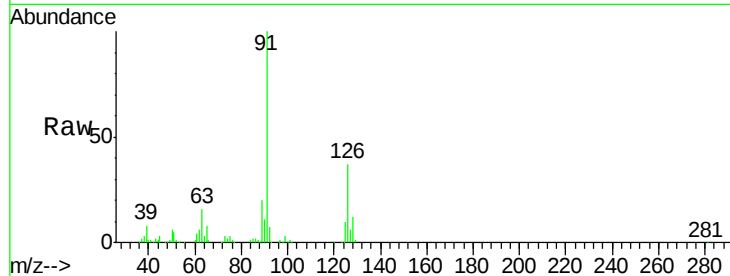
VX0504MBSD01

Tgt Ion: 91 Resp: 115324

Ion Ratio Lower Upper

91 100

126 37.6 18.4 55.4



#80

1,3,5-Trimethylbenzene

Concen: 21.35 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001408.D

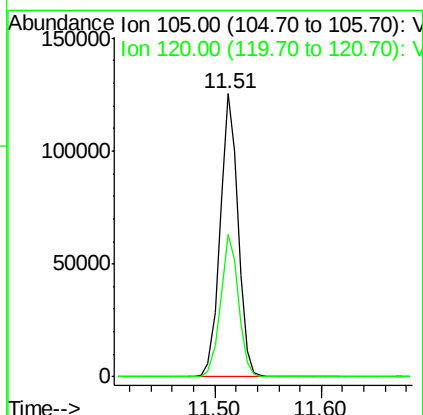
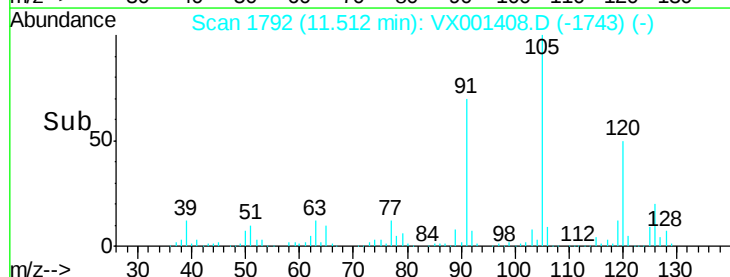
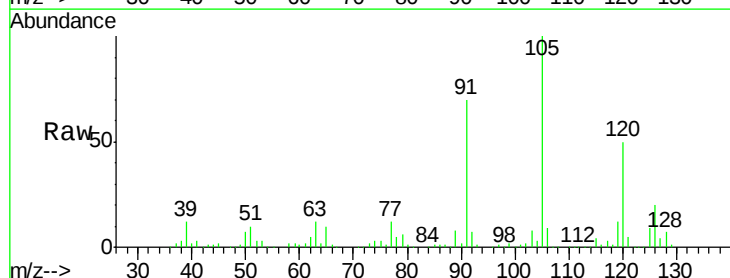
Acq: 04 May 2018 20:20

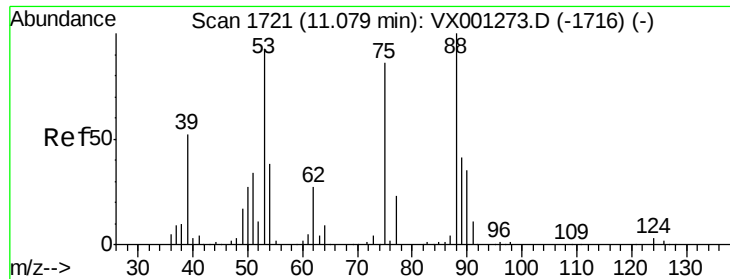
Tgt Ion: 105 Resp: 146977

Ion Ratio Lower Upper

105 100

120 50.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.63 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

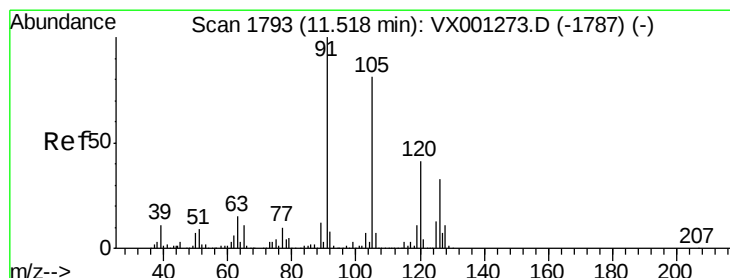
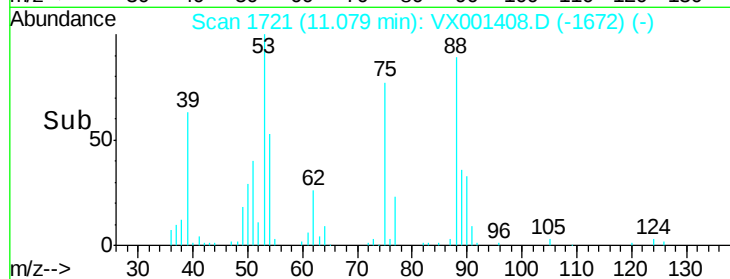
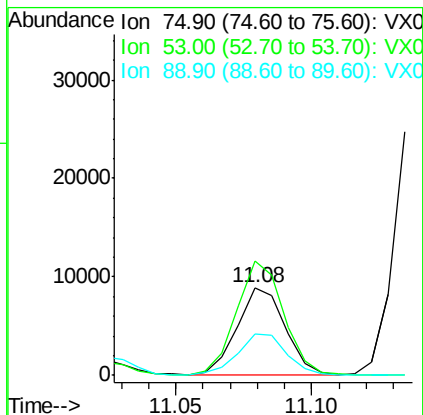
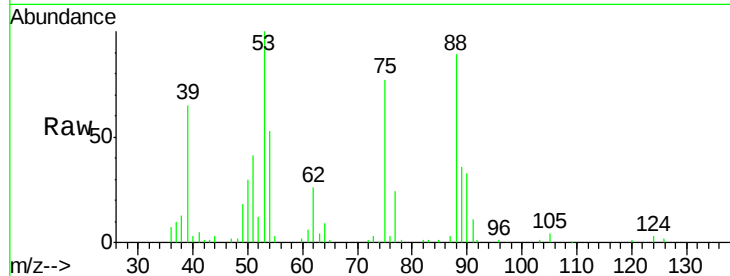
Tgt Ion: 75 Resp: 10927

Ion Ratio Lower Upper

75 100

53 128.9 87.1 130.7

89 48.1 38.9 58.3



#82

4-Chlorotoluene

Concen: 20.29 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001408.D

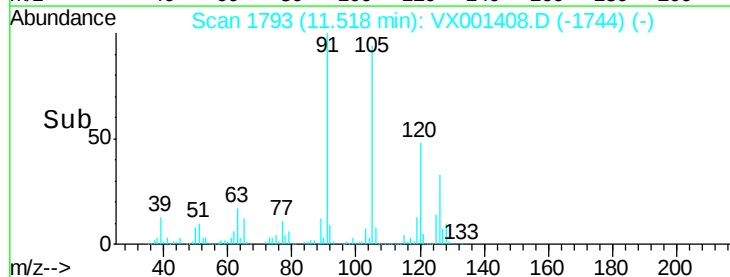
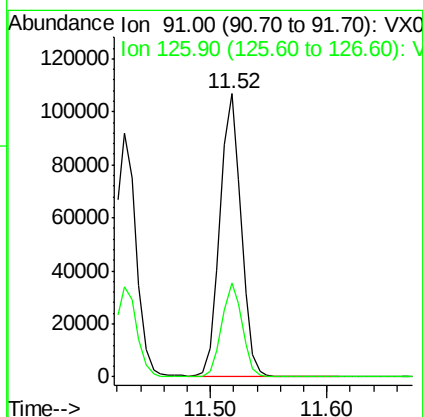
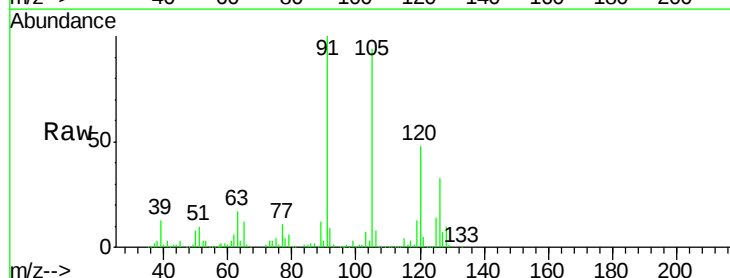
Acq: 04 May 2018 20:20

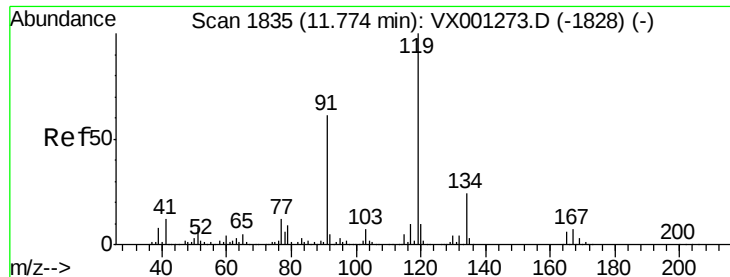
Tgt Ion: 91 Resp: 134119

Ion Ratio Lower Upper

91 100

126 32.4 16.1 48.2

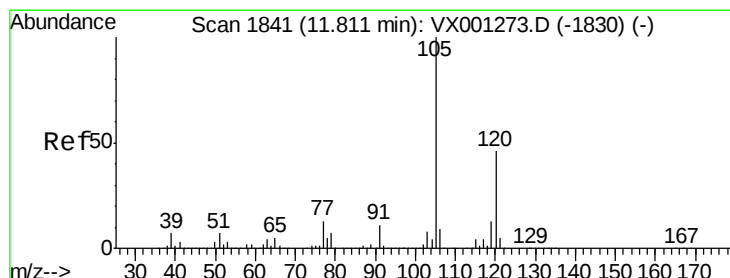
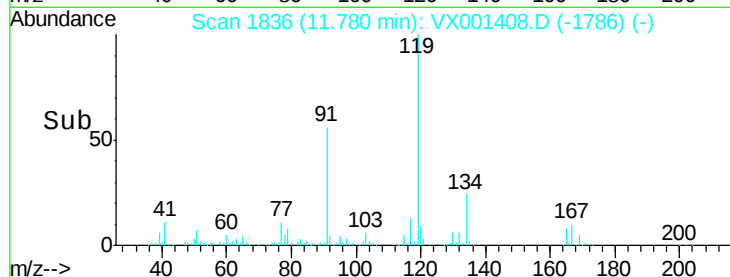
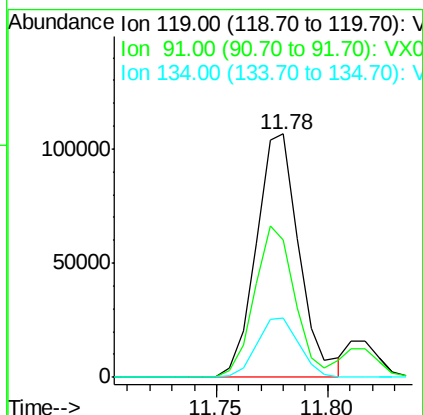
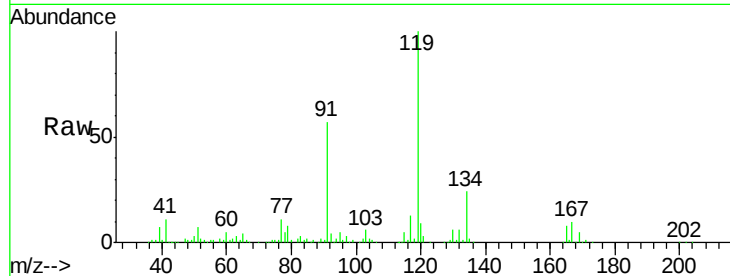




#83
 tert-Butylbenzene
 Concen: 20.88 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

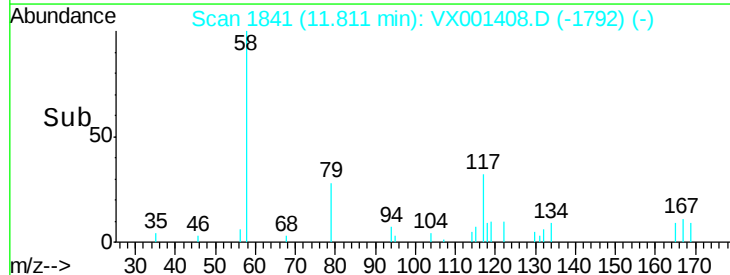
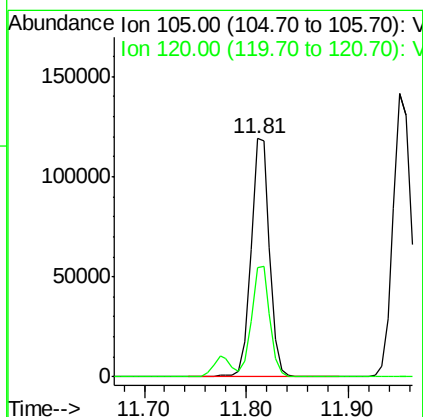
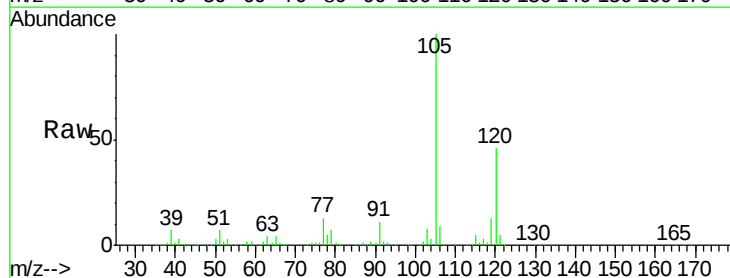
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBSD01

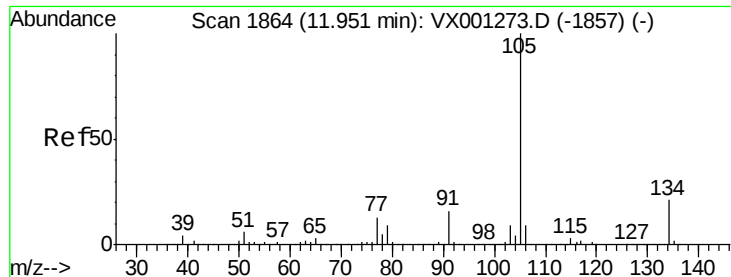
Tgt Ion:119 Resp: 143296
 Ion Ratio Lower Upper
 119 100
 91 58.2 28.1 84.3
 134 24.0 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

Tgt Ion:105 Resp: 151073
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1

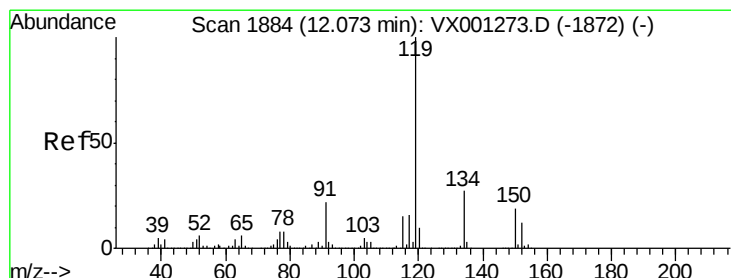
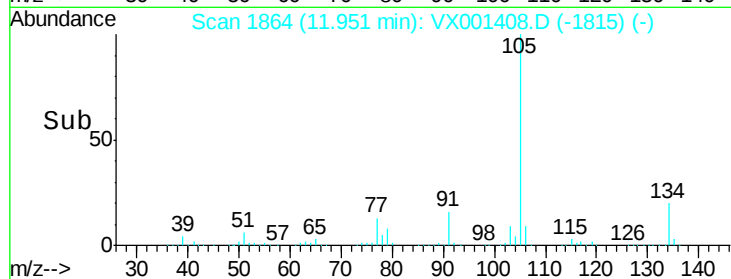
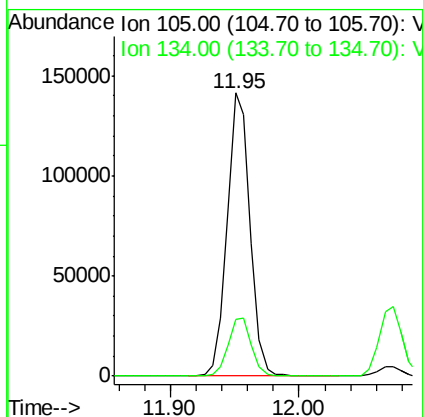
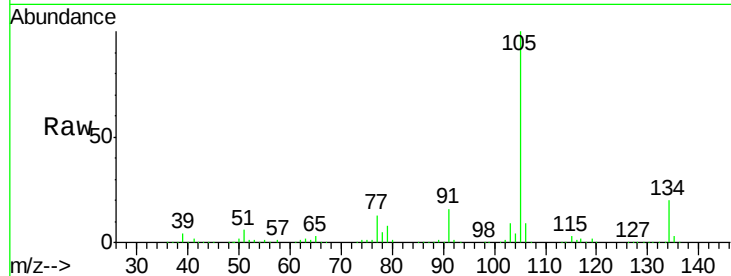




#85
 sec-Butylbenzene
 Concen: 21.44 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

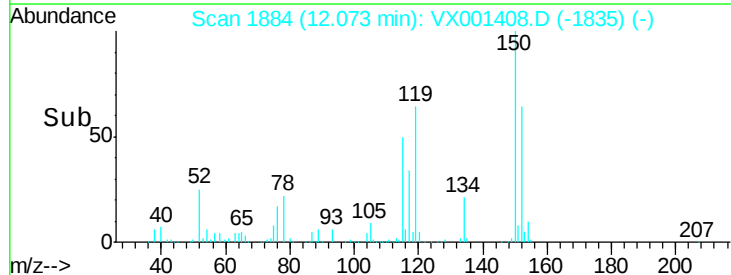
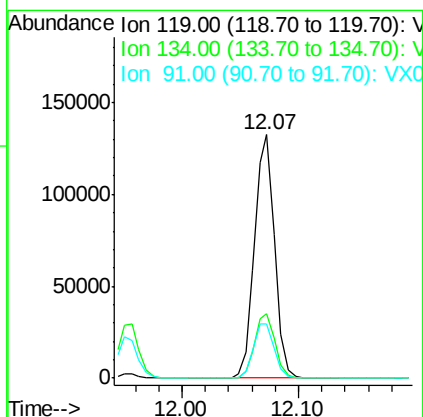
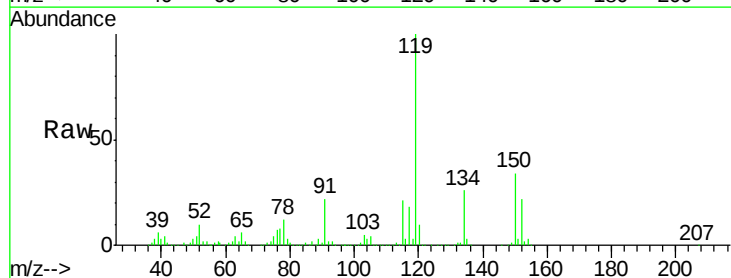
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBSD01

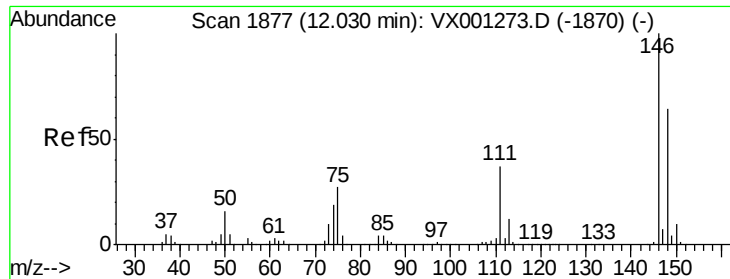
Tgt Ion:105 Resp: 176084
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 21.11 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

Tgt Ion:119 Resp: 159035
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 23.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 20.48 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

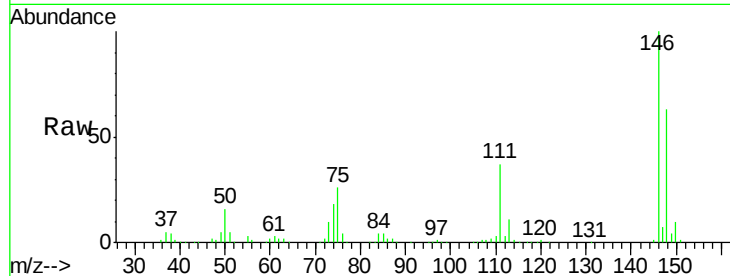
Tgt Ion:146 Resp: 90410

Ion Ratio Lower Upper

146 100

111 36.3 18.4 55.2

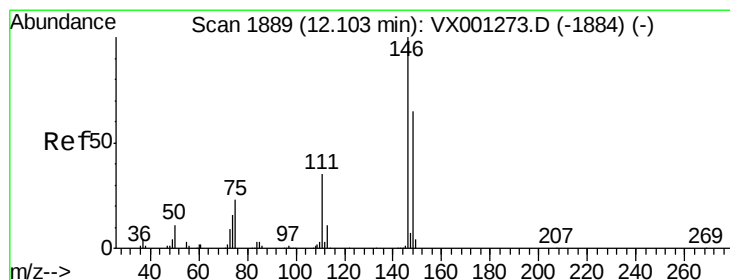
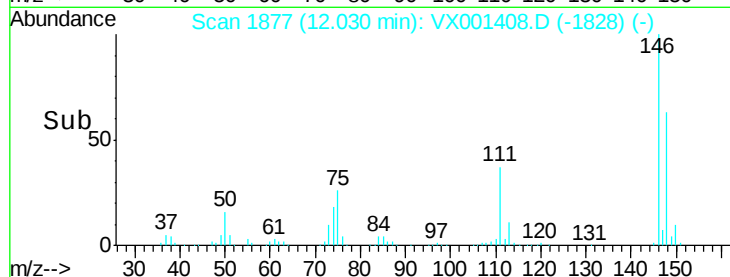
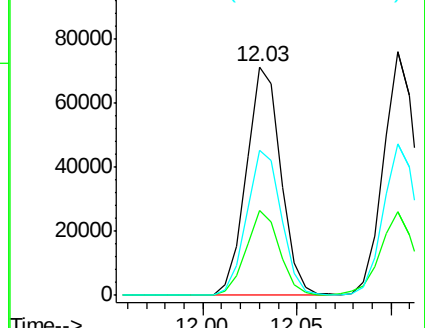
148 63.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.22 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

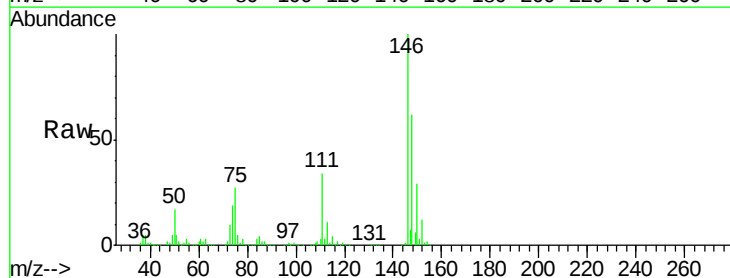
Tgt Ion:146 Resp: 92018

Ion Ratio Lower Upper

146 100

111 35.6 17.9 53.7

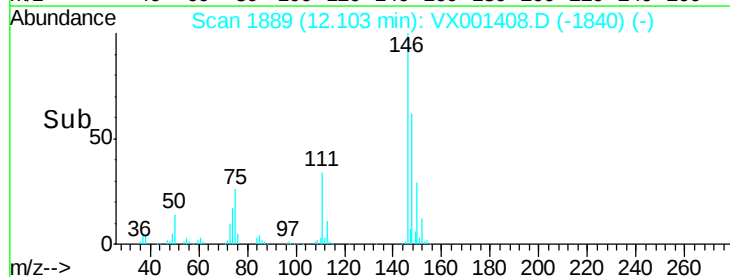
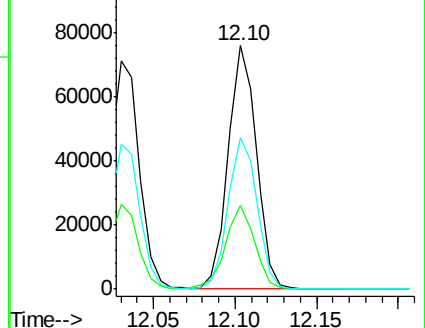
148 63.6 32.3 96.8

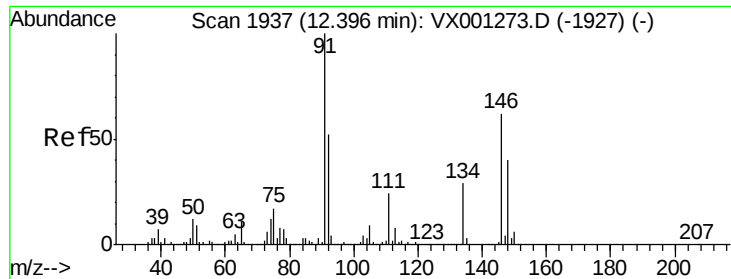


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.16 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

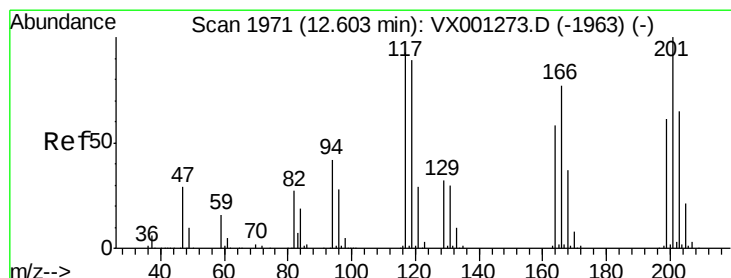
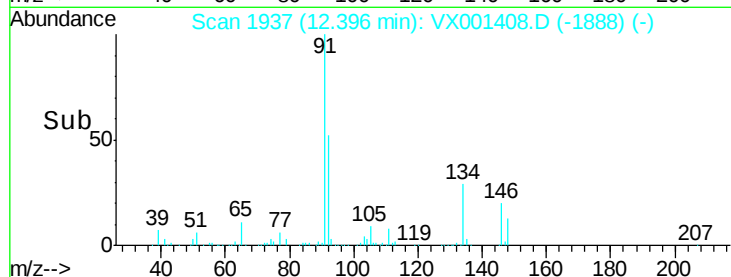
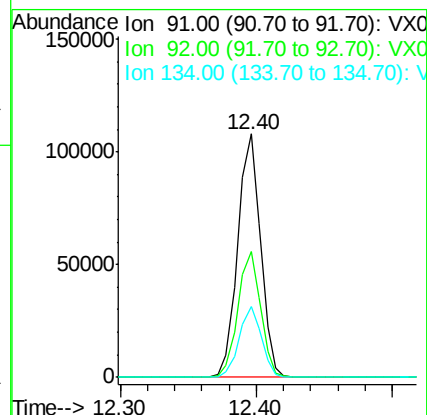
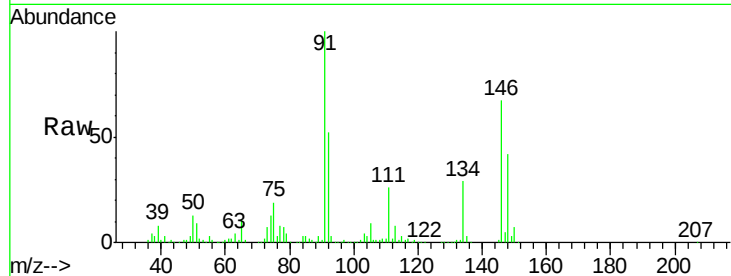
Tgt Ion: 91 Resp: 125971

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.5

134 28.5 14.0 42.0



#90

Hexachloroethane

Concen: 20.32 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001408.D

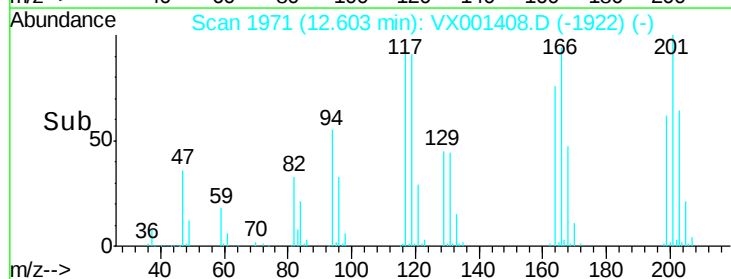
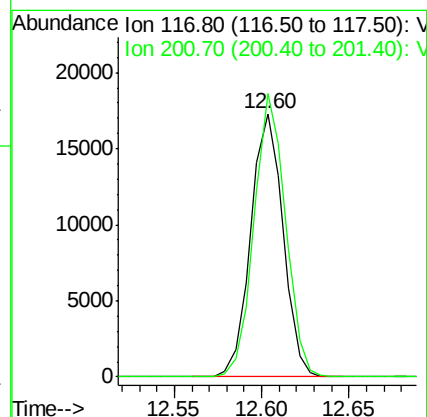
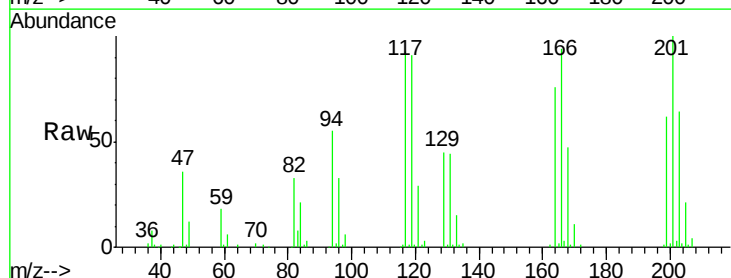
Acq: 04 May 2018 20:20

Tgt Ion: 117 Resp: 22169

Ion Ratio Lower Upper

117 100

201 104.8 51.6 154.8

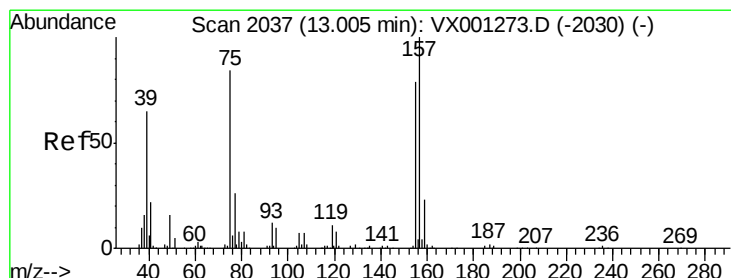
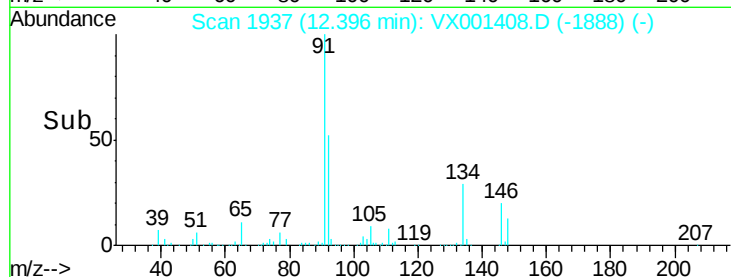
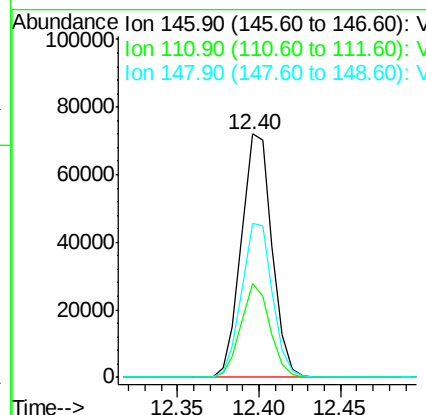
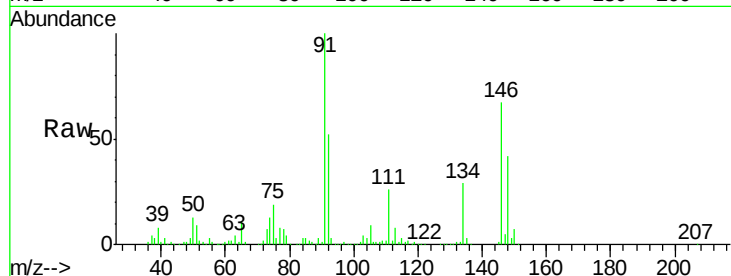




#91
 1,2-Dichlorobenzene
 Concen: 21.54 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

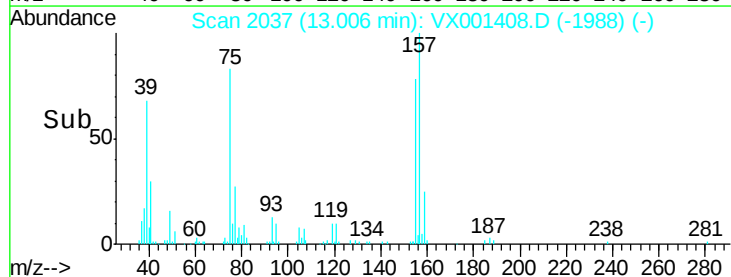
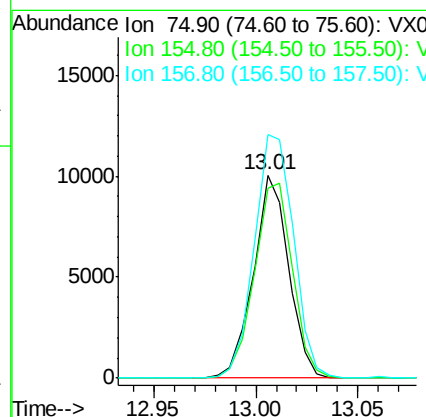
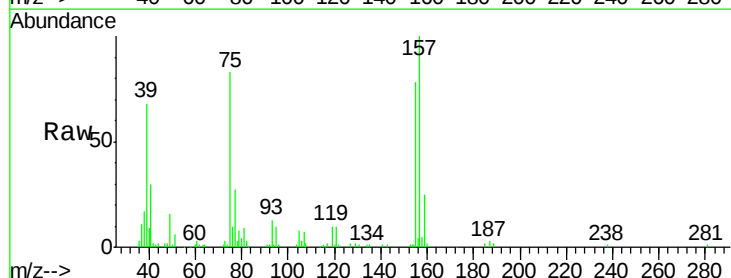
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBSD01

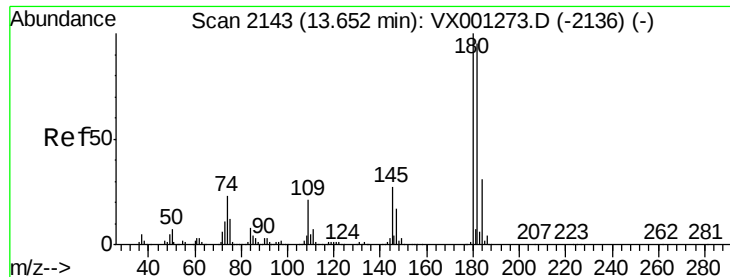
Tgt Ion: 146 Resp: 94626
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.9 56.5
 148 63.5 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.37 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

Tgt Ion: 75 Resp: 12092
 Ion Ratio Lower Upper
 75 100
 155 104.3 49.9 149.7
 157 133.7 63.7 191.1

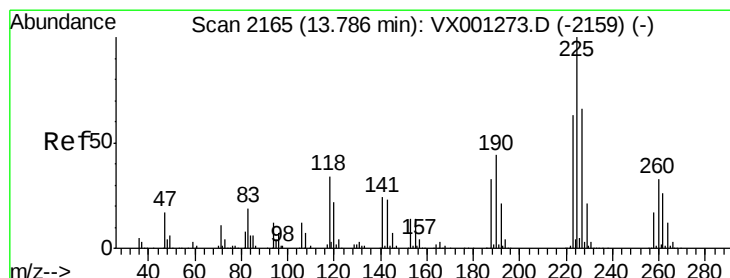
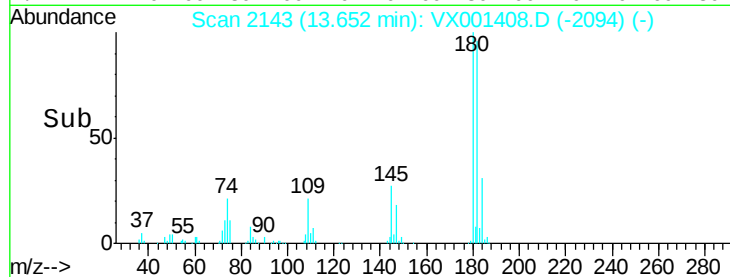
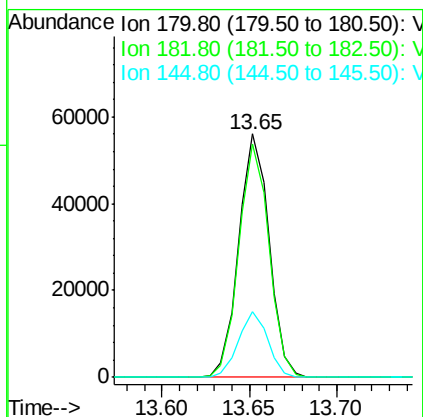
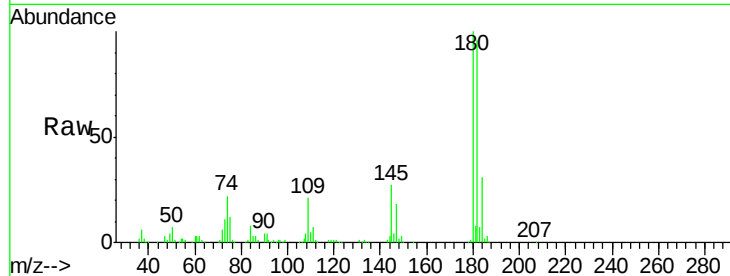




#93
 1,2,4-Trichlorobenzene
 Concen: 19.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

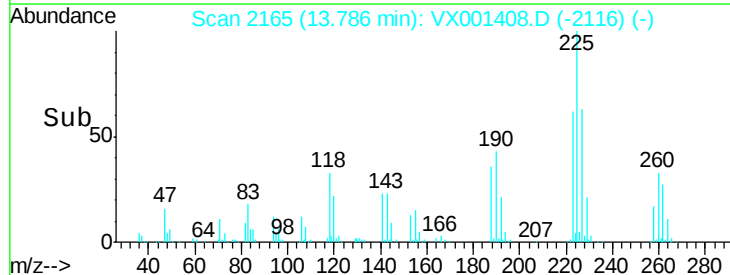
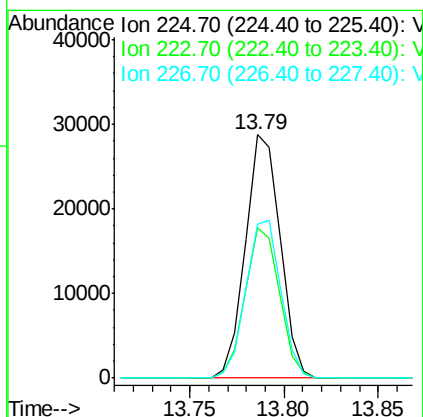
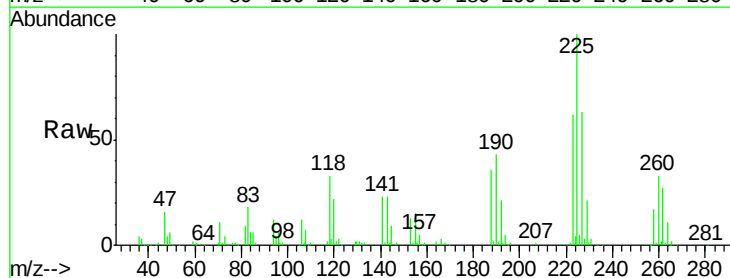
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBSD01

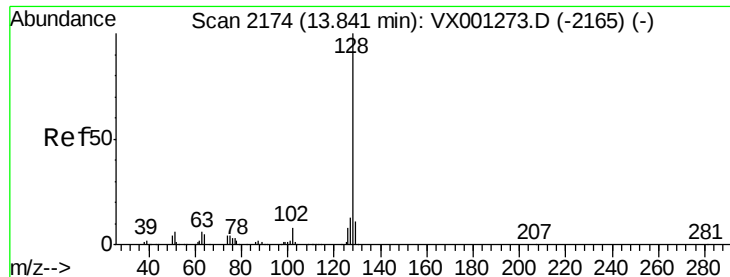
Tgt Ion:180 Resp: 67525
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.9
 145 26.1 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 19.97 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001408.D
 Acq: 04 May 2018 20:20

Tgt Ion:225 Resp: 36920
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.4 94.0
 227 65.1 32.5 97.5





#95

Naphthalene

Concen: 22.35 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBSD01

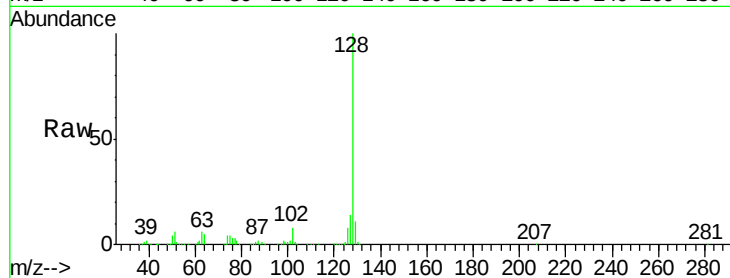
Tgt Ion:128 Resp: 200422

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

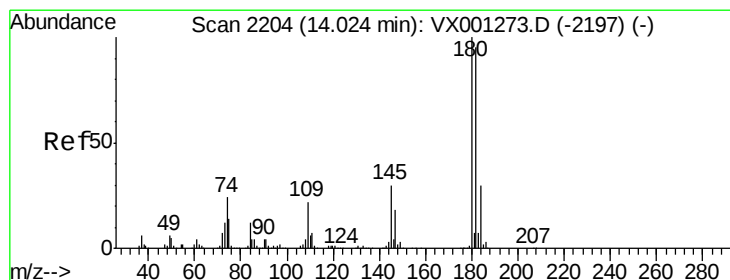
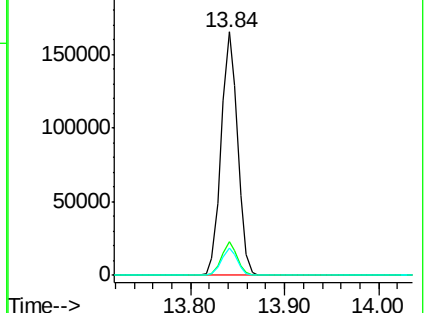
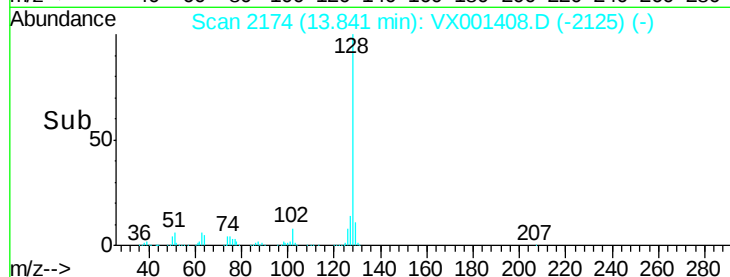
129 10.8 8.7 13.1



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: 21.04 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001408.D

Acq: 04 May 2018 20:20

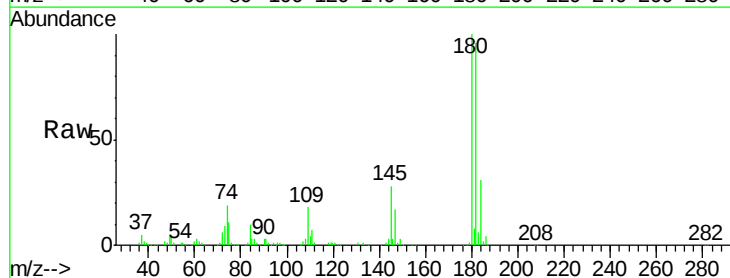
Tgt Ion:180 Resp: 73000

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.3

145 28.0 14.4 43.4



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

