

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
 Data File : VX001397.D
 Acq On : 04 May 2018 15:00
 Operator : JC/MD
 Sample : VX0504WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Quant Time: May 05 05:40:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	30315	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	155425	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	149749	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	62954	28.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.97%
60) 4-Bromofluorobenzene	11.14	95	71051	28.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.40%
63) Toluene-d8	8.72	98	191647	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34712	17.46	ug/l	97
3) Chloromethane	1.32	50	31927	17.21	ug/l	99
4) Vinyl Chloride	1.40	62	34807	17.89	ug/l	96
5) Bromomethane	1.64	94	26776	18.22	ug/l	98
6) Chloroethane	1.72	64	22736	19.10	ug/l	99
7) Trichlorofluoromethane	1.93	101	64152	19.85	ug/l	100
8) Diethyl Ether	2.19	74	23034	20.53	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37091	20.24	ug/l	94
10) 1,1-Dichloroethene	2.37	96	31376	18.89	ug/l	94
11) Methyl Iodide	2.51	142	49171	24.35	ug/l	95
12) Methyl Acetate	2.78	43	59044	27.05	ug/l	94
13) Acrolein	2.30	56	12852	49.36	ug/l	99
14) Acrylonitrile	3.15	53	106824	122.94	ug/l	97
15) Acetone	2.45	58	30309	112.11	ug/l	95
16) Carbon Disulfide	2.57	76	66528	15.06	ug/l	98
17) Allyl chloride	2.73	41	55842	18.95	ug/l	96
18) Methylene Chloride	2.86	84	36599	20.22	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	33319	18.61	ug/l	92
20) Diisopropyl ether	3.88	45	101745	17.54	ug/l	98
21) 1,1-Dichloroethane	3.70	63	64977	20.85	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	36415	18.21	ug/l	97
23) tert-Butyl Alcohol	3.08	59	49143	138.39	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	120197	21.11	ug/l	95
25) Chloroform	5.22	83	63021	18.57	ug/l	99
26) Cyclohexane	5.57	56	46908	16.55	ug/l #	94
29) 1,1-Dichloropropene	5.81	75	42738	18.56	ug/l	100
30) 2-Butanone	4.72	43	137936	116.89	ug/l	99
31) 2,2-Dichloropropane	4.59	77	41018	16.32	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	50916	18.27	ug/l	98
33) Carbon Tetrachloride	5.79	117	45476	18.11	ug/l	97
34) Benzene	6.15	78	130063	19.06	ug/l	94
35) Methacrylonitrile	5.07	41	29831	22.78	ug/l	92
36) 1,2-Dichloroethane	6.21	62	52260	19.96	ug/l	99
37) Trichloroethene	7.22	130	40999	19.82	ug/l	94
38) Methylcyclohexane	7.46	83	49793	18.38	ug/l	95
39) 1,2-Dichloropropane	7.52	63	33719	19.49	ug/l	99
40) Dibromomethane	7.67	93	25256	20.75	ug/l	87

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 Sample : VX0504WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Quant Time: May 05 05:40:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	42814	18.62	ug/l	97
42) Vinyl Acetate	3.83	43	495721	106.80	ug/l	99
43) Ethyl Acetate	4.87	43	51949	22.86	ug/l	97
44) Isopropyl Acetate	6.48	43	79783	20.63	ug/l	99
45) 1,4-Dioxane	7.77	88	18541	527.55	ug/l	97
46) Methyl methacrylate	7.79	41	42197	20.98	ug/l	94
47) n-amyl Acetate	10.91	43	70660	19.04	ug/l	99
48) t-1,3-Dichloropropene	8.44	75	48055	17.75	ug/l	95
49) cis-1,3-Dichloropropene	9.05	75	44301	17.08	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	37972	21.00	ug/l	98
51) Ethyl methacrylate	9.19	69	51116	19.84	ug/l	95
52) 1,3-Dichloropropane	9.38	76	60755	20.79	ug/l	98
53) Dibromochloromethane	9.59	129	36913	18.50	ug/l	97
54) 1,2-Dibromoethane	9.68	107	39434	20.38	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	132172	104.74	ug/l	100
56) Bromoform	10.87	173	29747	18.21	ug/l #	97
58) 4-Methyl-2-Pentanone	8.66	43	281486	113.25	ug/l	98
59) 2-Hexanone	9.51	43	213167	110.08	ug/l	98
61) Tetrachloroethene	9.34	164	51294	22.35	ug/l	89
62) Toluene	8.79	91	146694	18.23	ug/l	98
64) Chlorobenzene	10.15	112	101433	18.68	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	37107	18.72	ug/l	97
66) Ethyl Benzene	10.26	91	163399	18.19	ug/l	97
67) m/p-Xylenes	10.37	106	128726	36.07	ug/l	100
68) o-Xylene	10.71	106	62852	18.22	ug/l	99
69) Styrene	10.72	104	102594	17.87	ug/l	99
70) Isopropylbenzene	11.02	105	171770	18.34	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	54101	19.69	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	61091	24.85	ug/l	82
73) Bromobenzene	11.26	156	50209	18.45	ug/l	94
74) n-propylbenzene	11.37	91	195829	18.51	ug/l	99
75) 2-Chlorotoluene	11.43	91	116252	18.21	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	147996	18.54	ug/l	67
77) t-1,4-Dichloro-2-butene	11.08	75	12066	16.50	ug/l	78
78) 4-Chlorotoluene	11.52	91	135049	17.73	ug/l	100
79) tert-butylbenzene	12.07	119	162155	18.99	ug/l	94
80) 1,2,4-Trimethylbenzene	11.81	105	149998	18.47	ug/l	100
81) sec-Butylbenzene	11.95	105	177751	19.18	ug/l	99
82) p-Isopropyltoluene	12.07	119	162155	18.99	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	90419	18.22	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	90472	17.88	ug/l	98
85) n-Butylbenzene	12.40	91	132654	17.96	ug/l	98
86) Hexachloroethane	12.60	117	21983	16.84	ug/l	67
87) 1,2-Dichlorobenzene	12.40	146	92773	18.80	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	11674	20.33	ug/l	90
89) 1,2,4-Trichlorobenzene	13.65	180	69672	18.63	ug/l	97
90) Hexachlorobutadiene	13.79	225	38792	22.35	ug/l	98
91) Naphthalene	13.84	128	197587	20.37	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	72488	19.64	ug/l	96

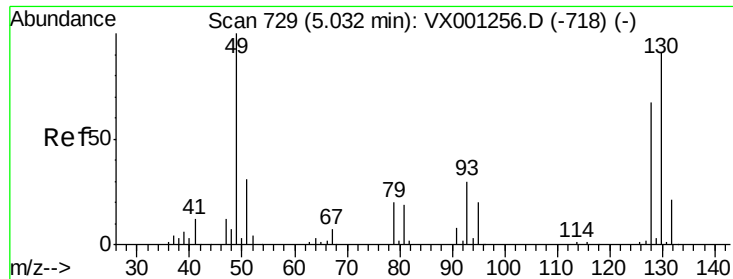
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
Data File : VX001397.D
Acq On : 04 May 2018 15:00
Operator : JC/MD
Sample : VX0504WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Quant Time: May 05 05:40:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

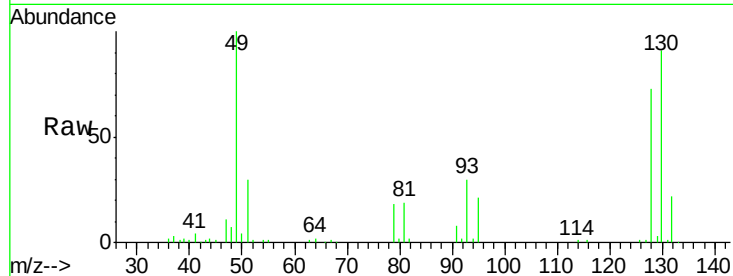
Tgt Ion:128 Resp: 30315

Ion Ratio Lower Upper

128 100

49 143.7 0.0 378.3

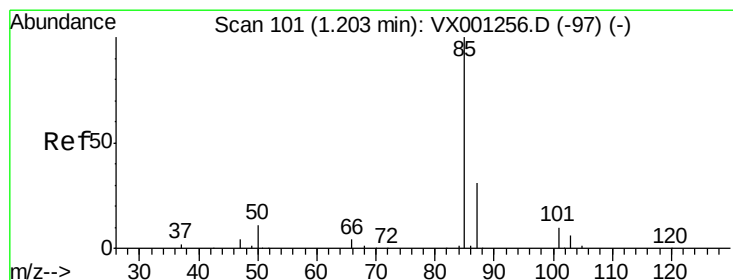
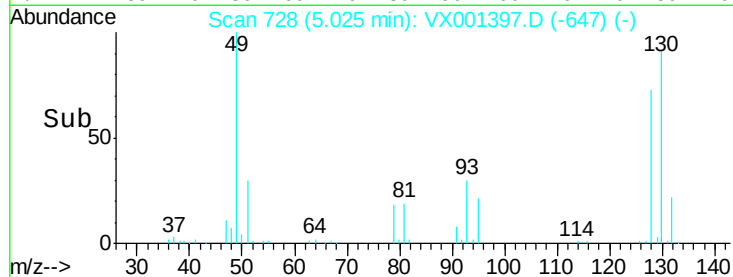
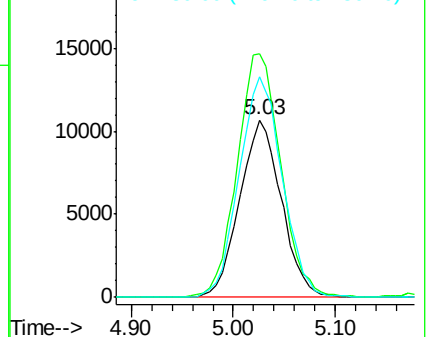
130 128.4 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001397.D

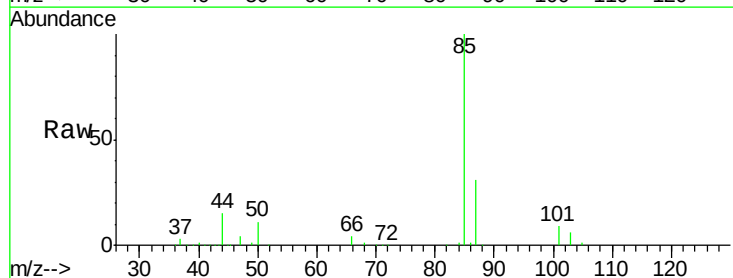
Acq: 04 May 2018 15:00

Tgt Ion: 85 Resp: 34712

Ion Ratio Lower Upper

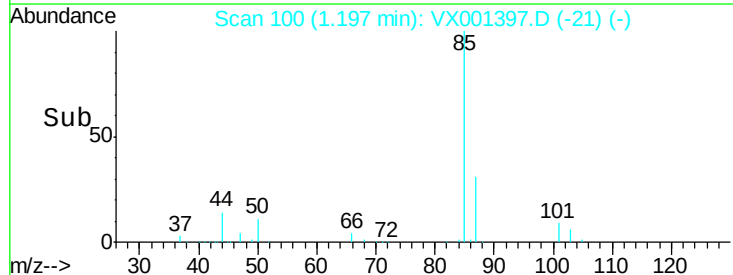
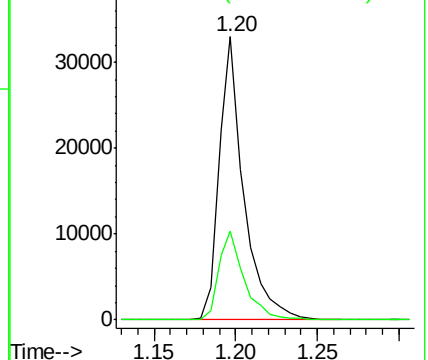
85 100

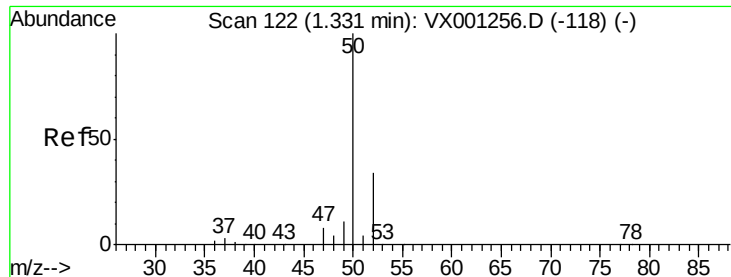
87 31.2 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

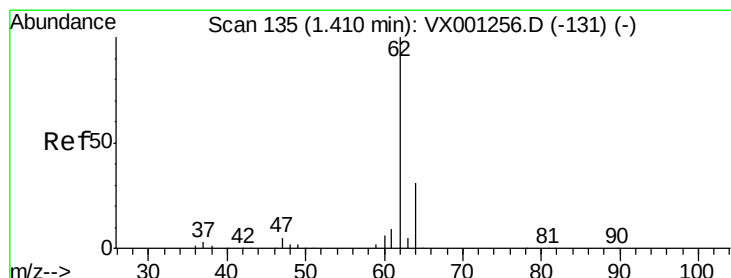
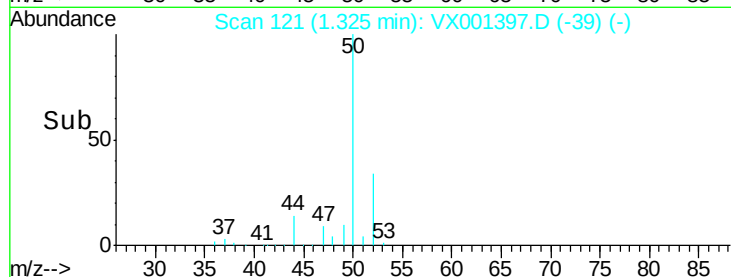
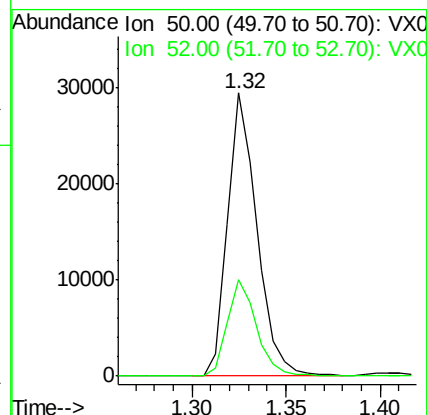
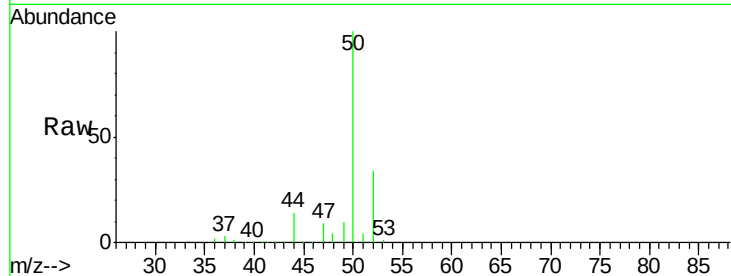




#3
Chloromethane
Concen: 17.21 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

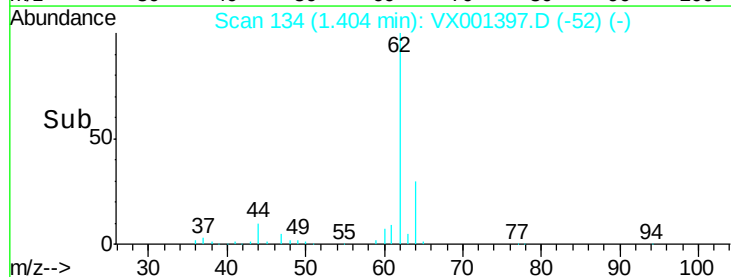
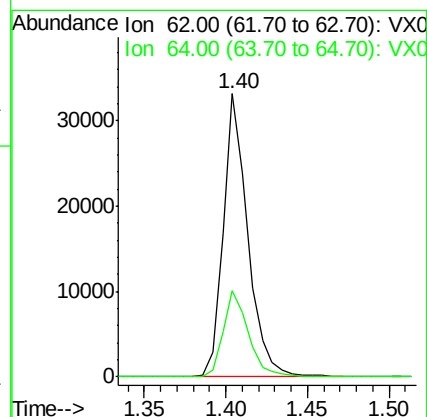
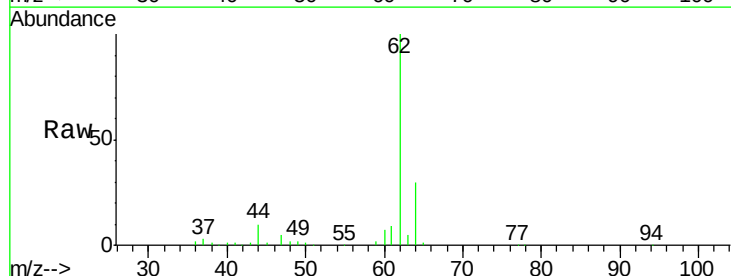
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

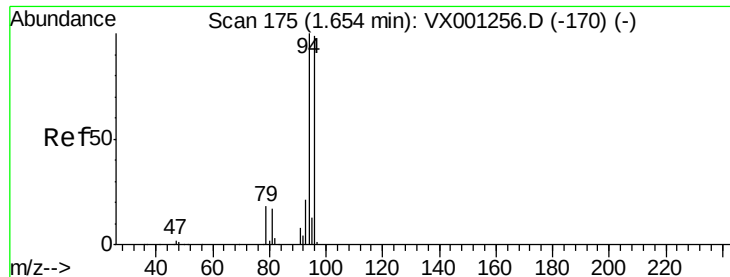
Tgt Ion: 50 Resp: 31927
Ion Ratio Lower Upper
50 100
52 34.2 27.8 41.6



#4
Vinyl Chloride
Concen: 17.89 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 62 Resp: 34807
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0





#5

Bromomethane

Concen: 18.22 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

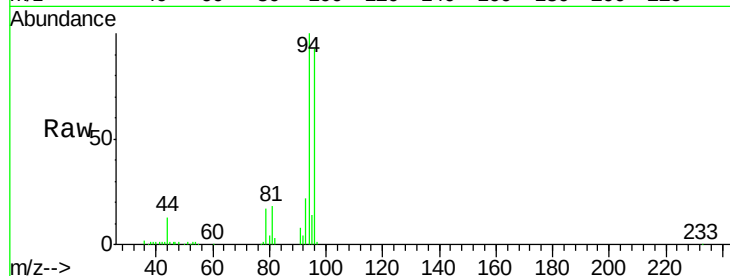
VX0504WBSD01

Tgt Ion: 94 Resp: 26776

Ion Ratio Lower Upper

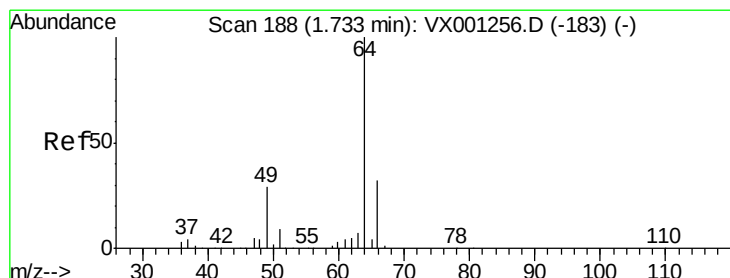
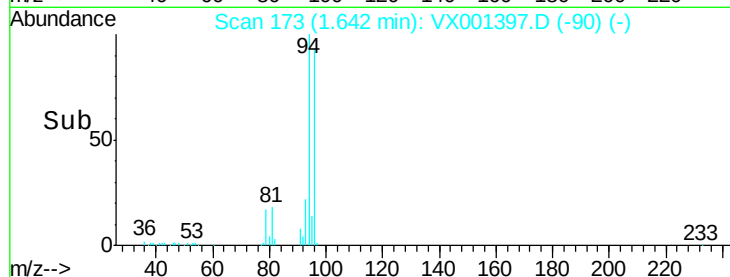
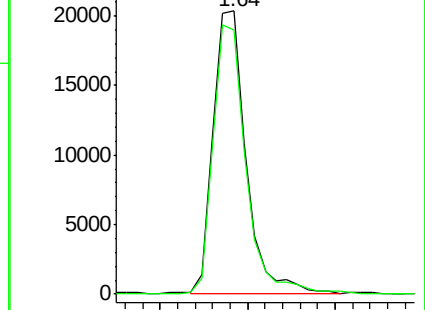
94 100

96 93.1 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.10 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001397.D

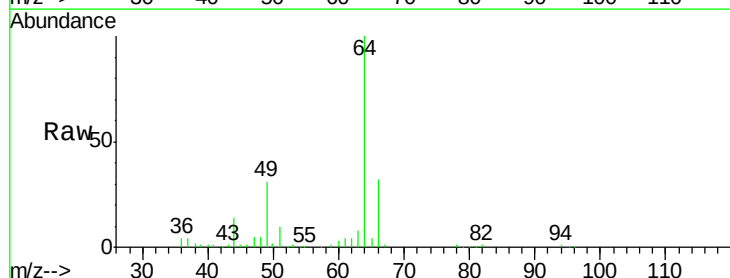
Acq: 04 May 2018 15:00

Tgt Ion: 64 Resp: 22736

Ion Ratio Lower Upper

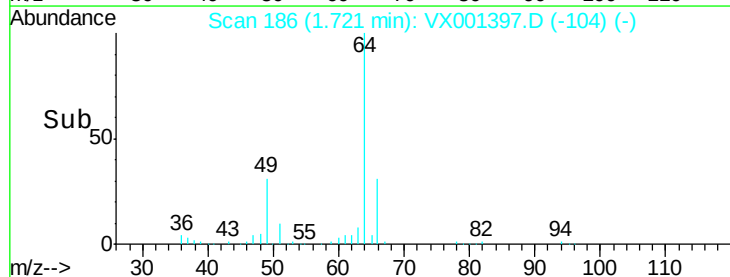
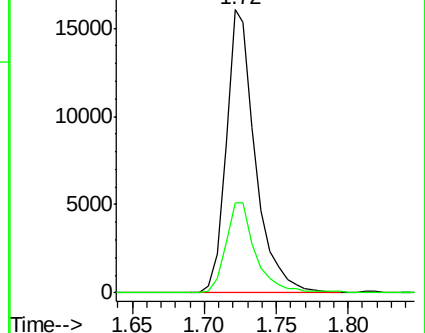
64 100

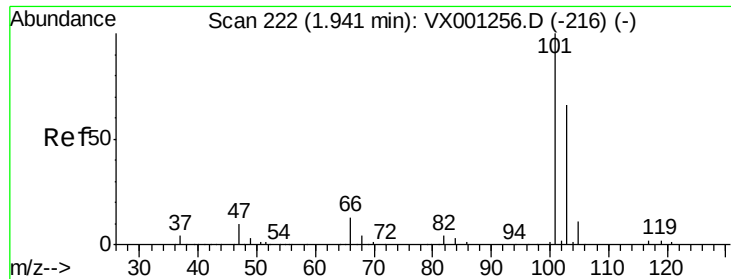
66 32.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



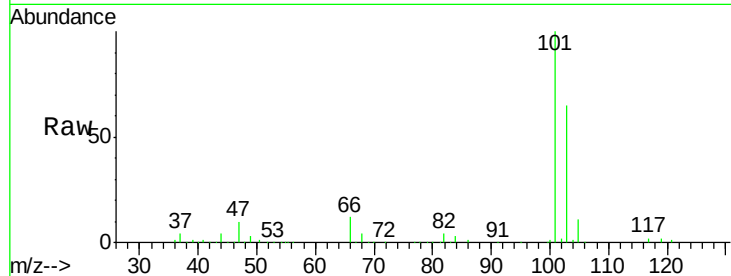


#7

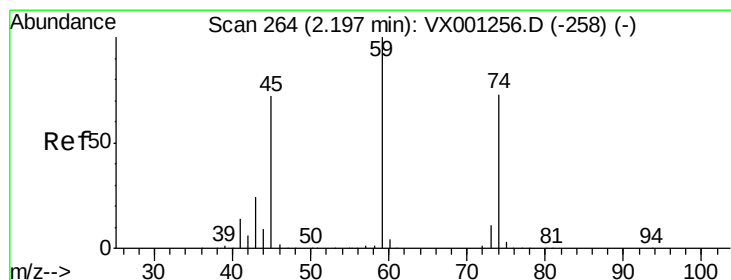
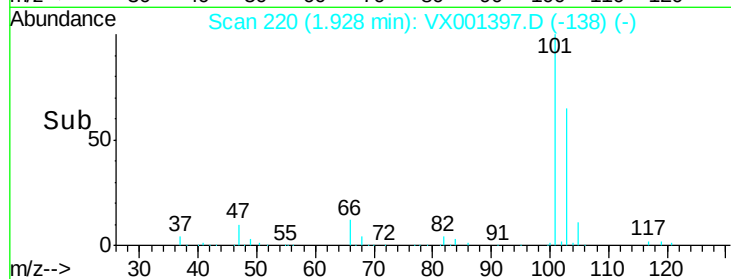
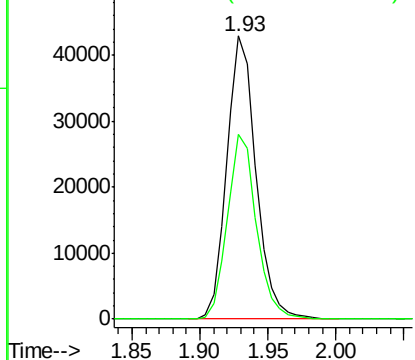
Trichlorofluoromethane
Concen: 19.85 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tgt Ion: 101 Resp: 64152
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4



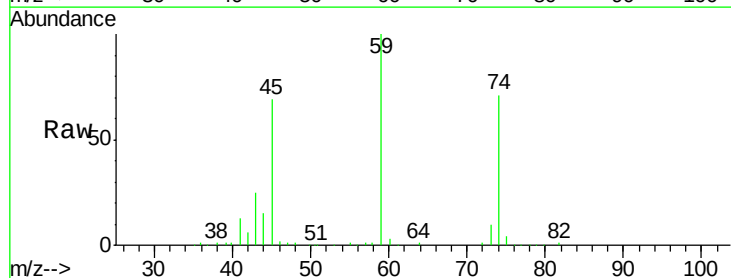
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



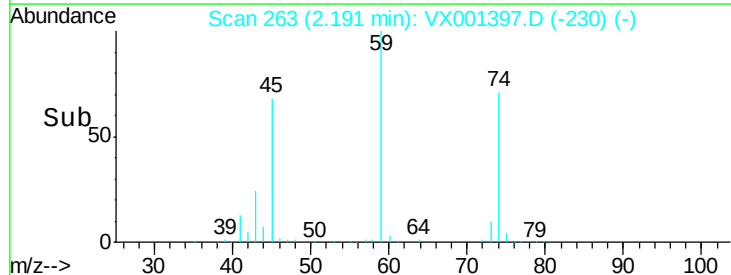
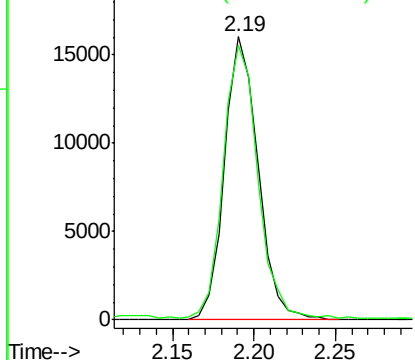
#8

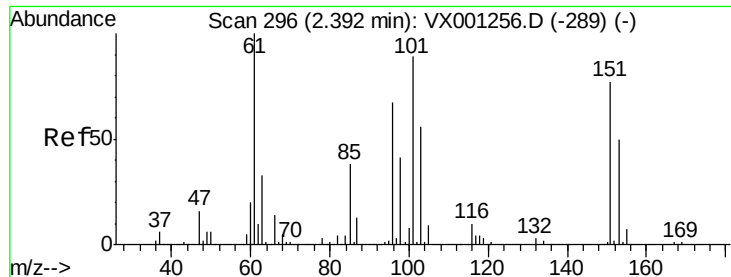
Diethyl Ether
Concen: 20.53 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 74 Resp: 23034
Ion Ratio Lower Upper
74 100
45 98.9 17.8 159.8



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: 20.24 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

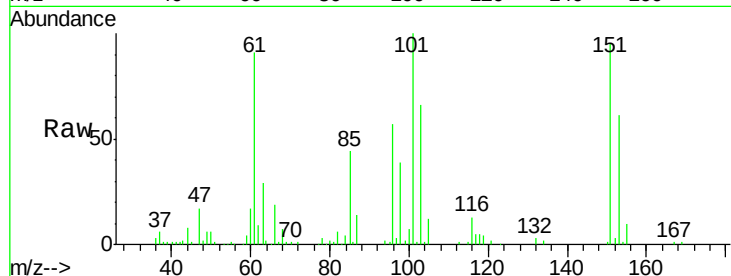
Tgt Ion: 101 Resp: 37091

Ion Ratio Lower Upper

101 100

85 45.0 0.0 90.4

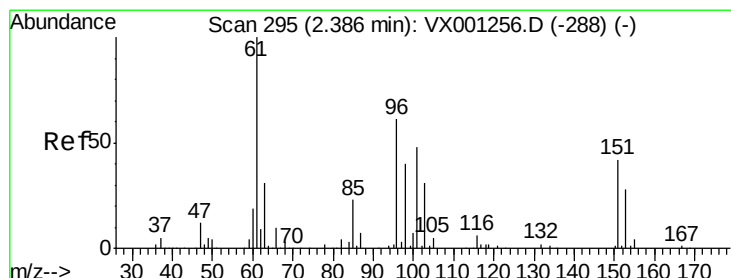
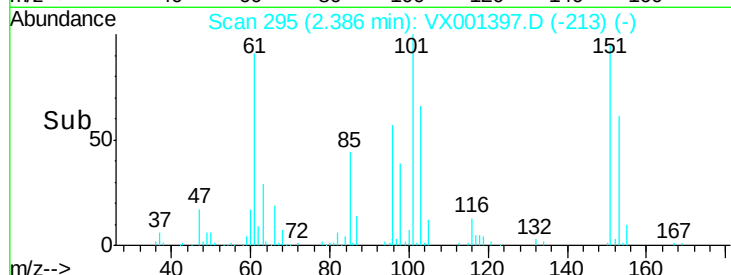
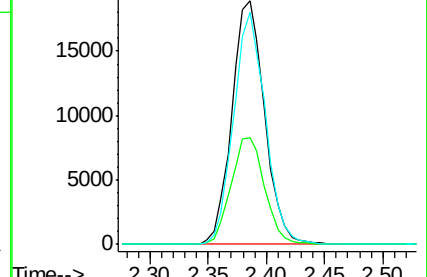
151 92.5 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.89 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

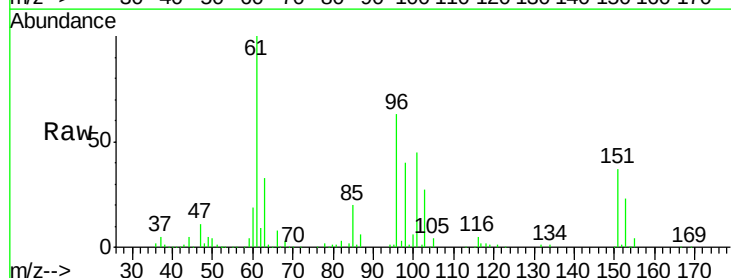
Tgt Ion: 96 Resp: 31376

Ion Ratio Lower Upper

96 100

61 159.1 118.6 178.0

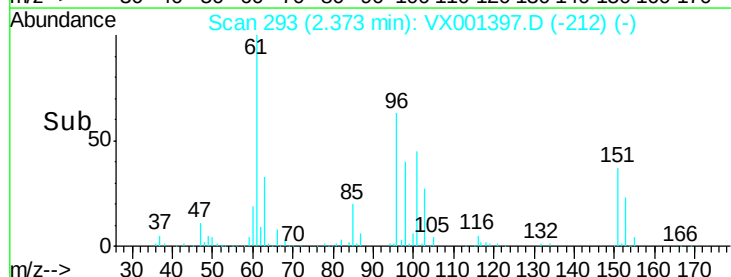
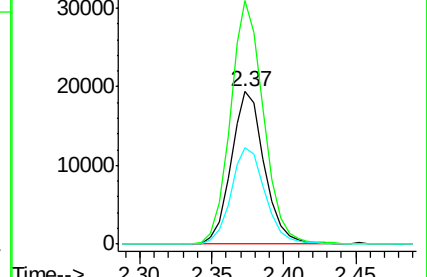
98 63.5 51.0 76.6

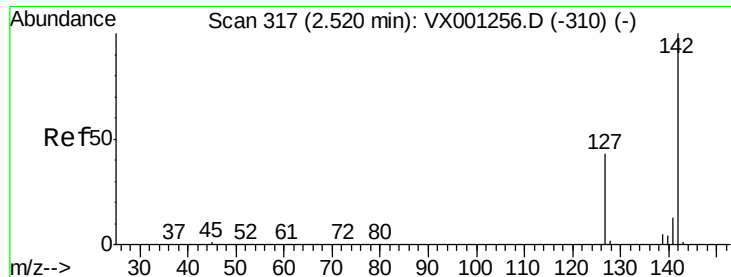


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

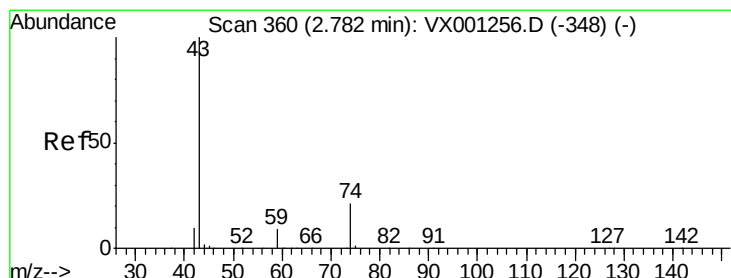
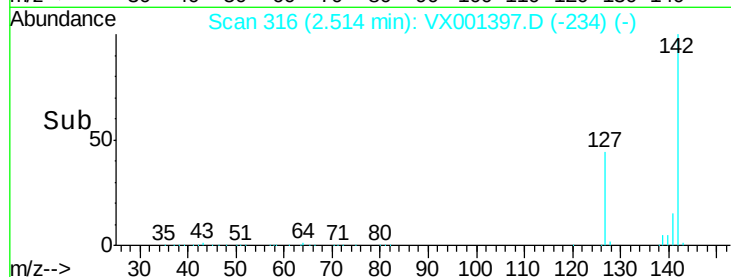
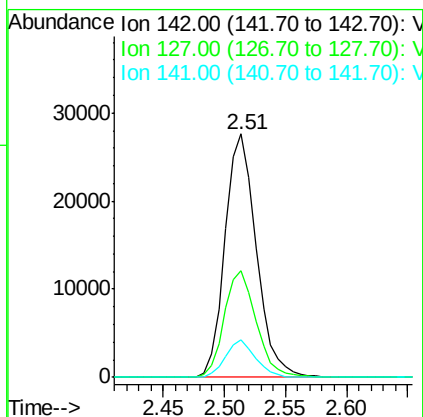
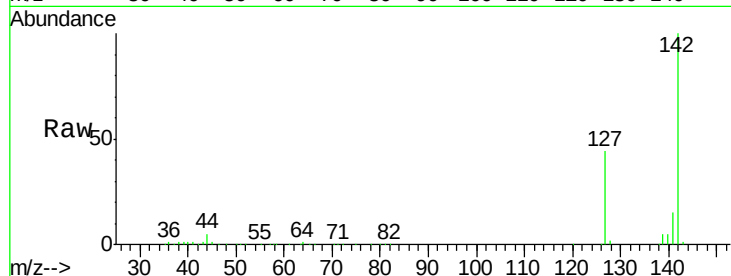




#11
Methyl Iodide
Concen: 24.35 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

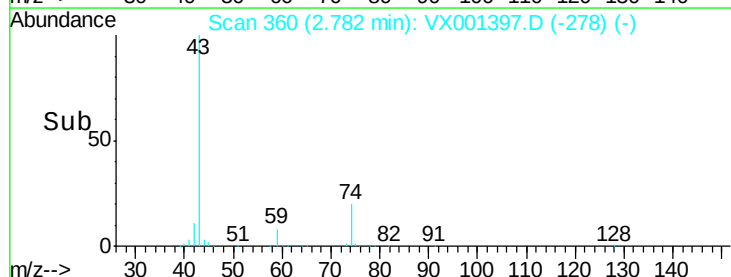
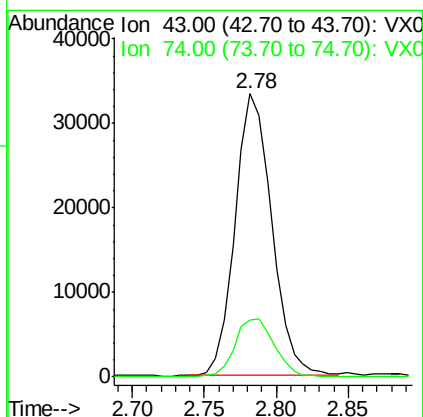
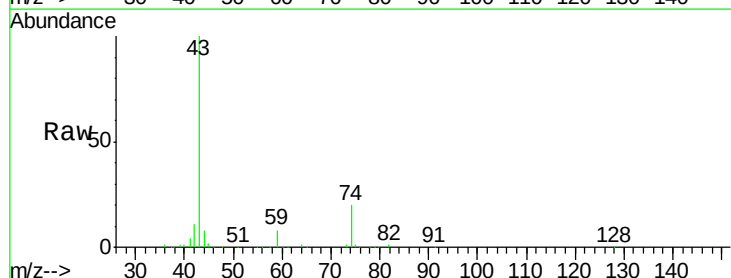
Instrument :
MSVOA_X
ClientSampled :
VX0504WBSD01

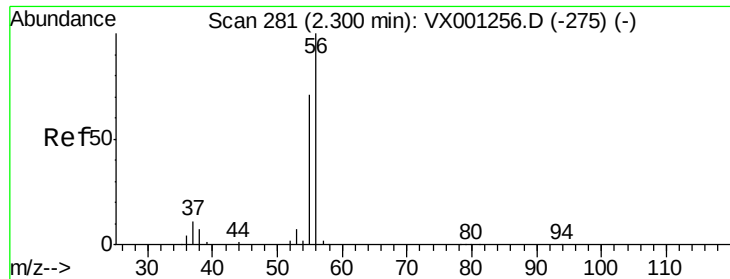
Tgt Ion:142 Resp: 49171
Ion Ratio Lower Upper
142 100
127 44.1 23.8 71.5
141 15.2 8.2 24.4



#12
Methyl Acetate
Concen: 27.05 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 43 Resp: 59044
Ion Ratio Lower Upper
43 100
74 20.2 18.6 27.8





#13

Acrolein

Concen: 49.36 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

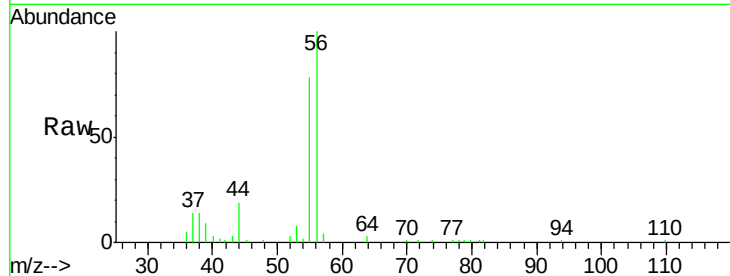
VX0504WBSD01

Tgt Ion: 56 Resp: 12852

Ion Ratio Lower Upper

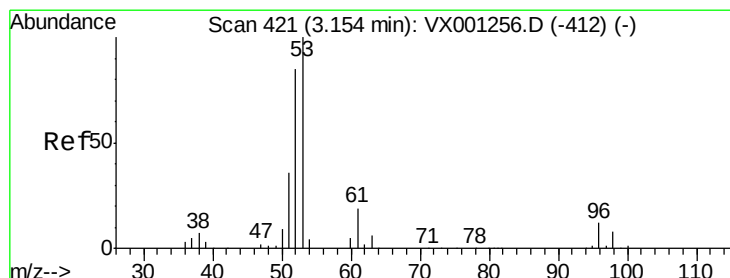
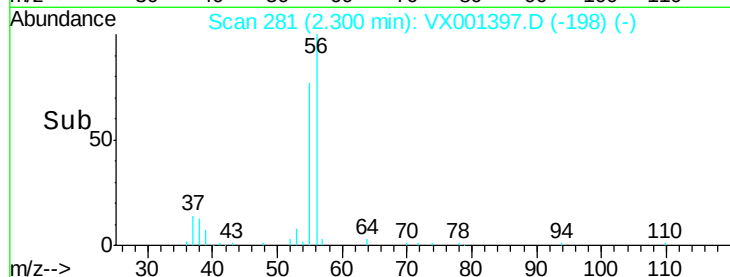
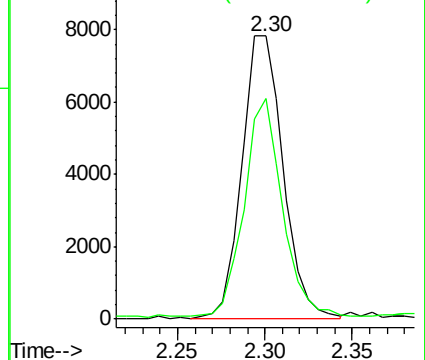
56 100

55 72.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 122.94 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

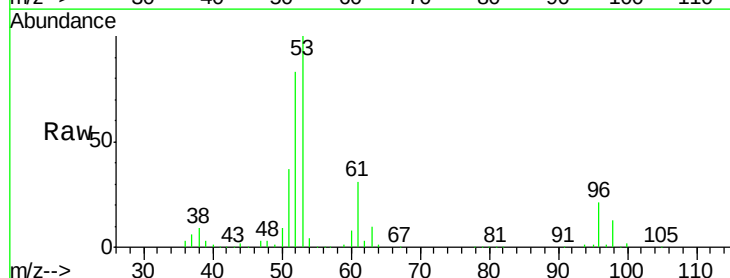
Tgt Ion: 53 Resp: 106824

Ion Ratio Lower Upper

53 100

52 82.0 41.9 125.8

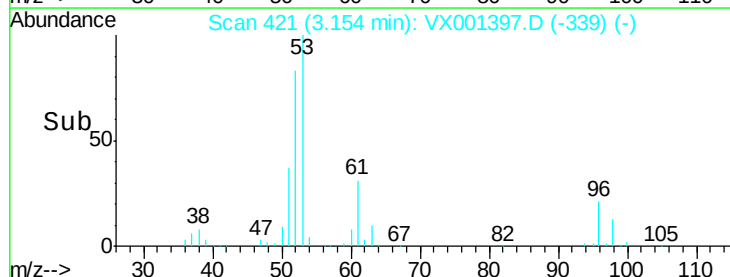
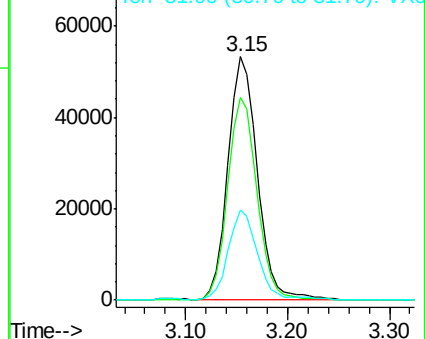
51 35.2 18.8 56.3

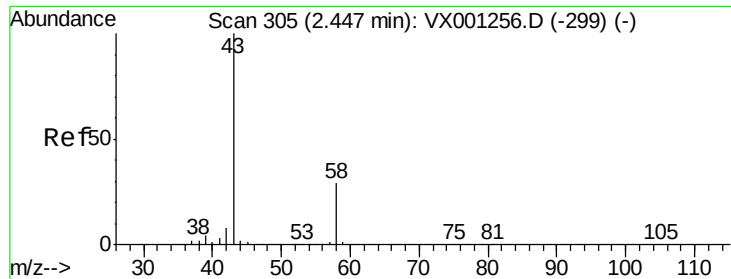


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 112.11 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

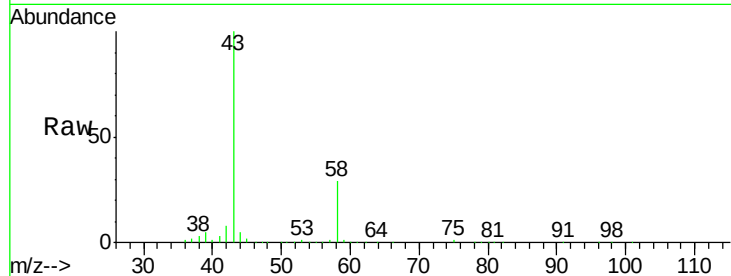
VX0504WBSD01

Tgt Ion: 58 Resp: 30309

Ion Ratio Lower Upper

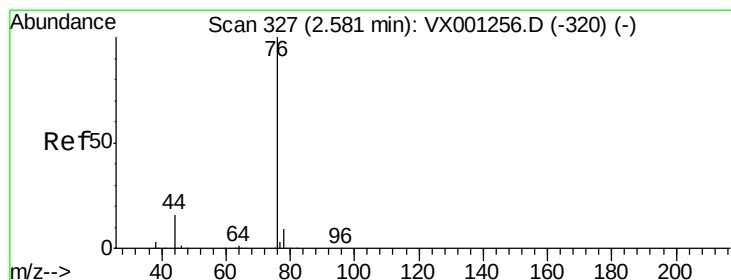
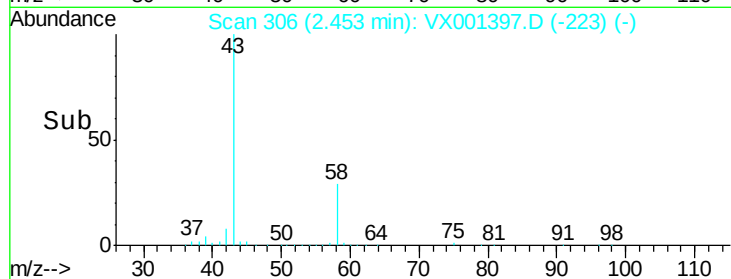
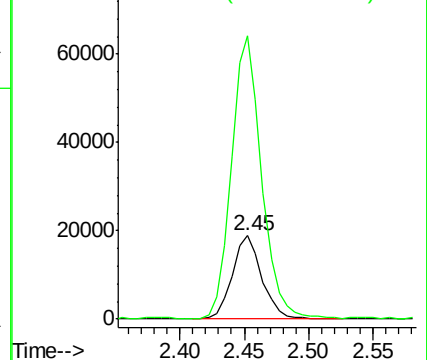
58 100

43 341.1 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 15.06 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001397.D

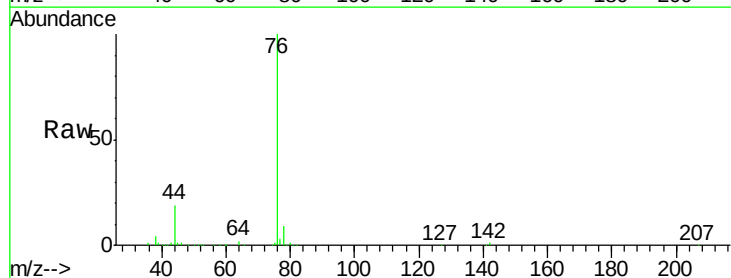
Acq: 04 May 2018 15:00

Tgt Ion: 76 Resp: 66528

Ion Ratio Lower Upper

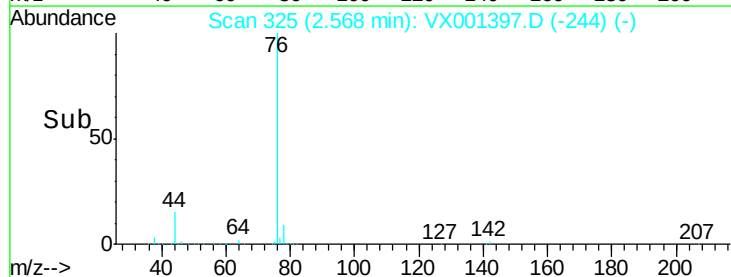
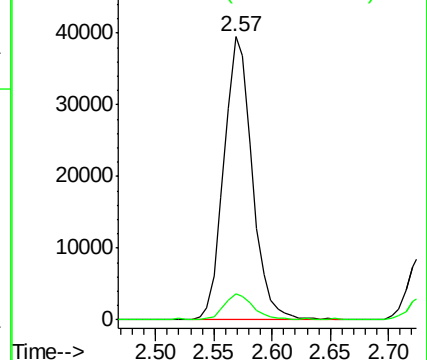
76 100

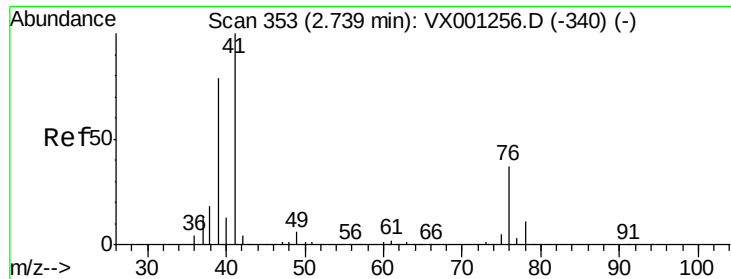
78 9.1 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

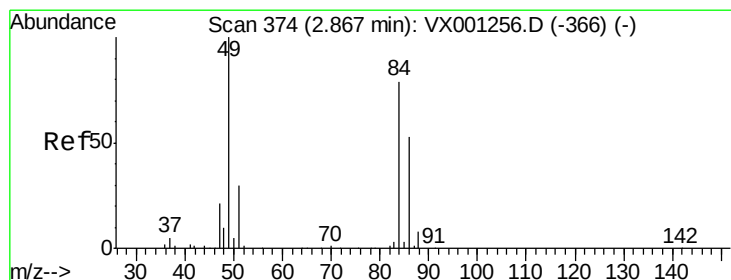
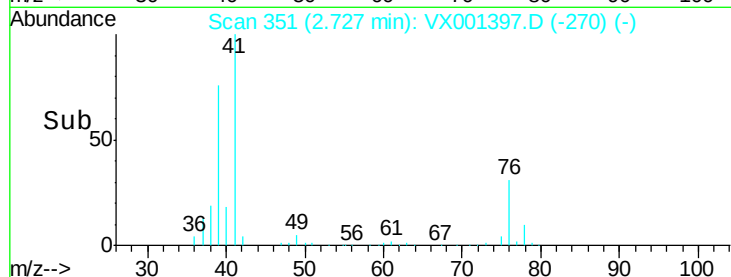
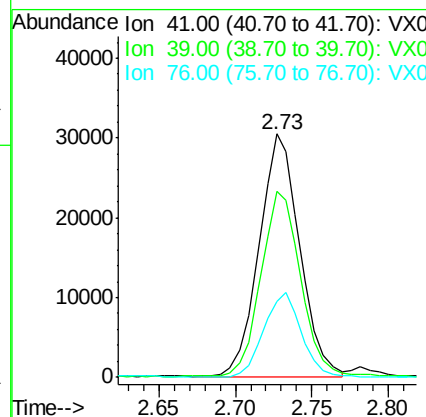
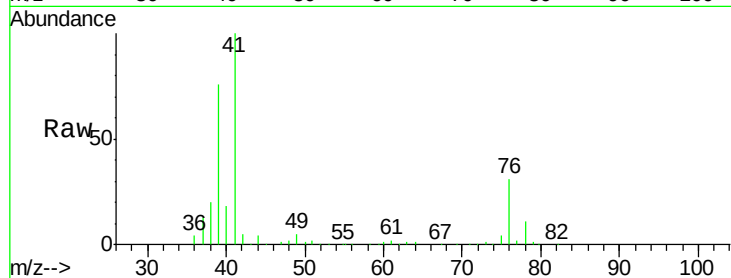




#17
 Allyl chloride
 Concen: 18.95 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

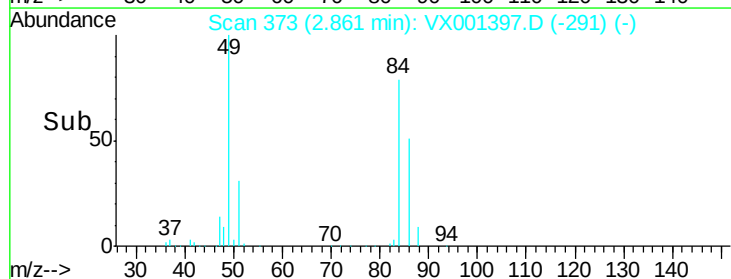
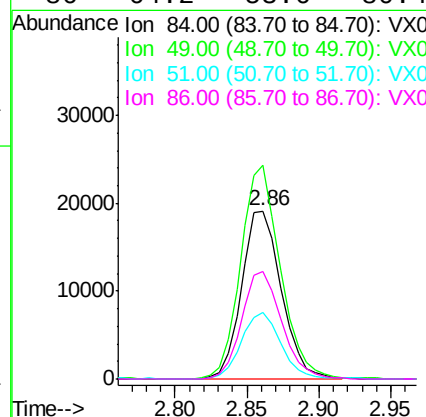
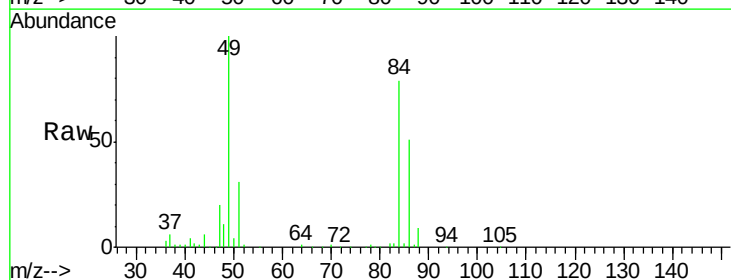
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

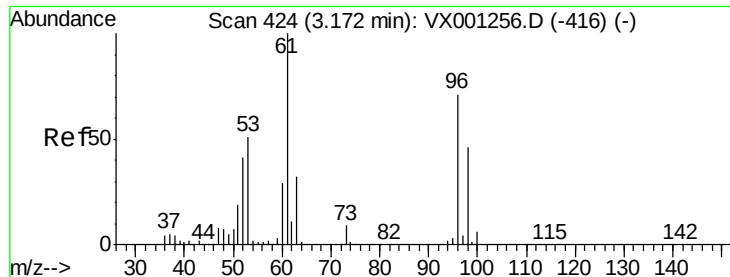
Tgt Ion: 41 Resp: 55842
 Ion Ratio Lower Upper
 41 100
 39 76.2 38.5 115.5
 76 31.0 18.7 56.1



#18
 Methylene Chloride
 Concen: 20.22 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 84 Resp: 36599
 Ion Ratio Lower Upper
 84 100
 49 126.9 103.3 154.9
 51 39.4 31.2 46.8
 86 64.2 53.6 80.4

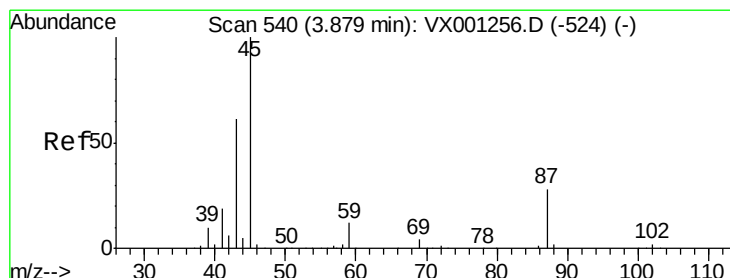
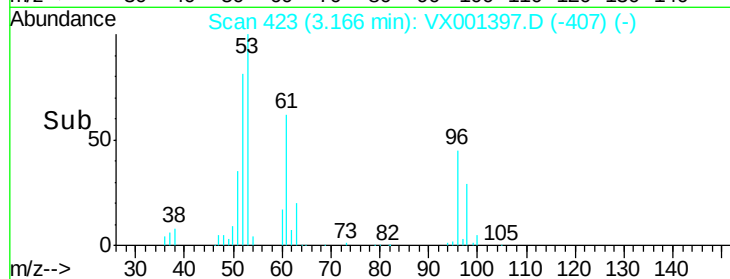
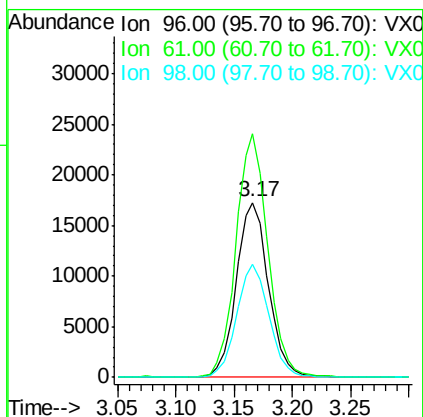
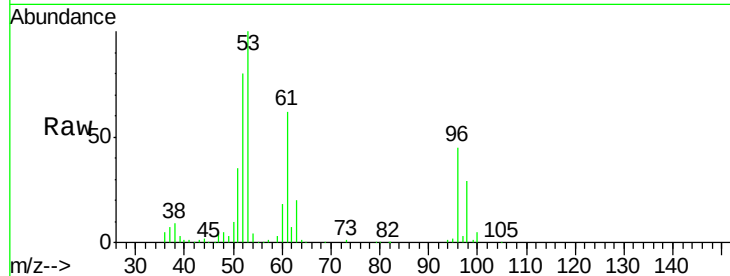




#19
trans-1,2-Dichloroethene
Concen: 18.61 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

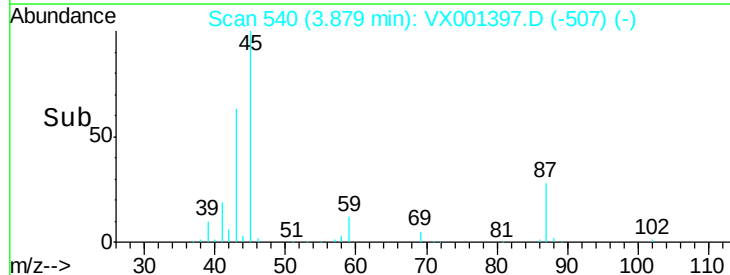
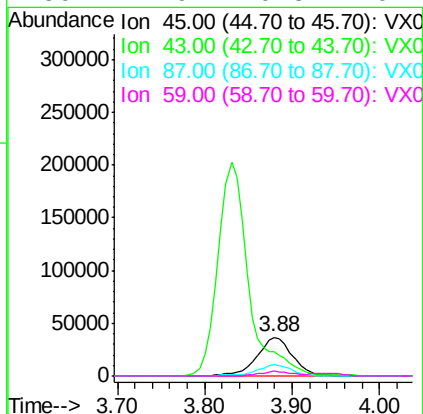
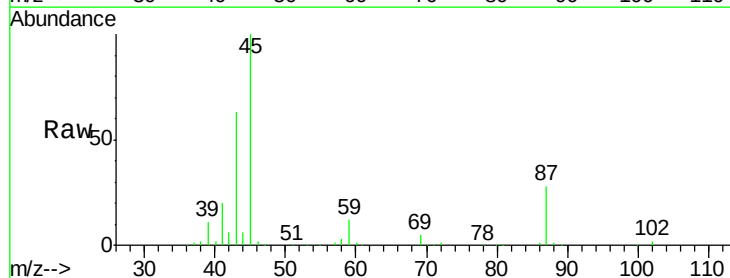
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

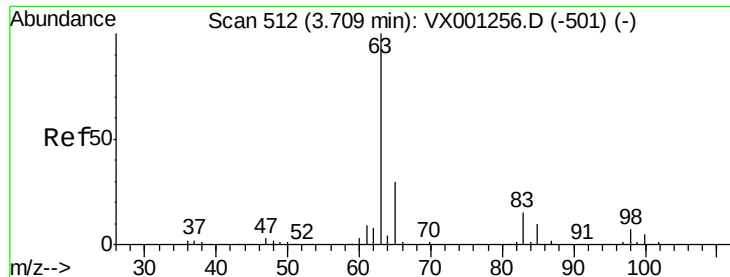
Tgt Ion: 96 Resp: 33319
Ion Ratio Lower Upper
96 100
61 139.1 101.0 151.6
98 64.3 53.3 79.9



#20
Diisopropyl ether
Concen: 17.54 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 45 Resp: 101745
Ion Ratio Lower Upper
45 100
43 61.0 49.6 74.4
87 28.5 23.1 34.7
59 11.9 10.8 16.2

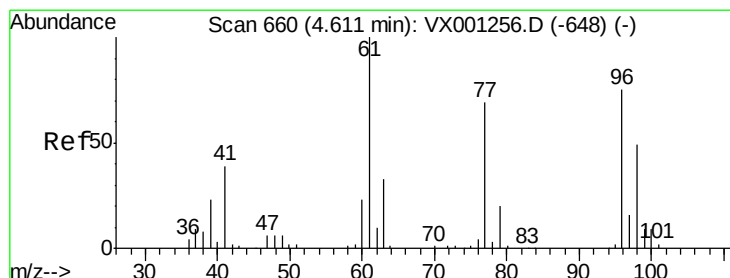
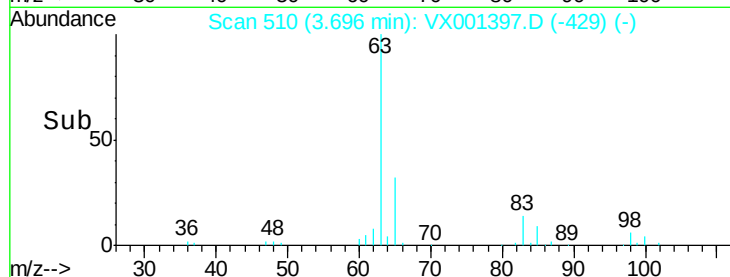
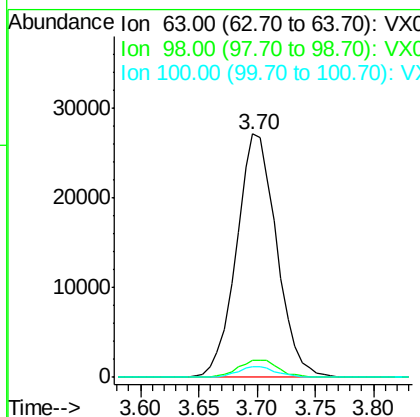
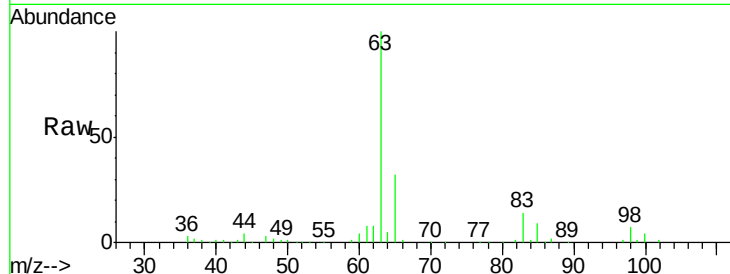




#21
 1,1-Dichloroethane
 Concen: 20.85 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

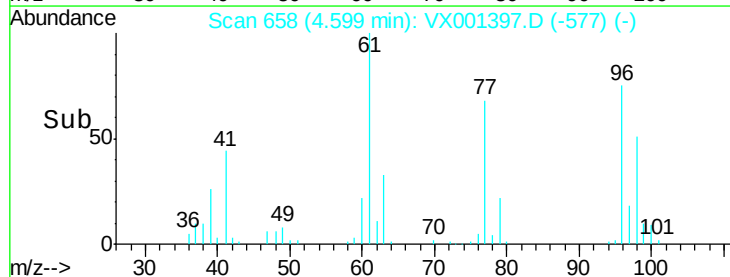
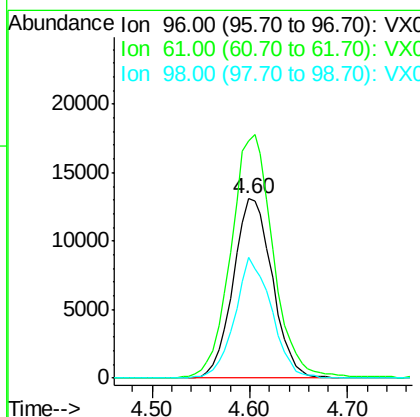
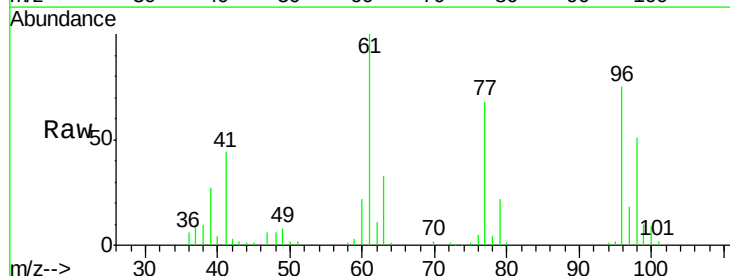
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

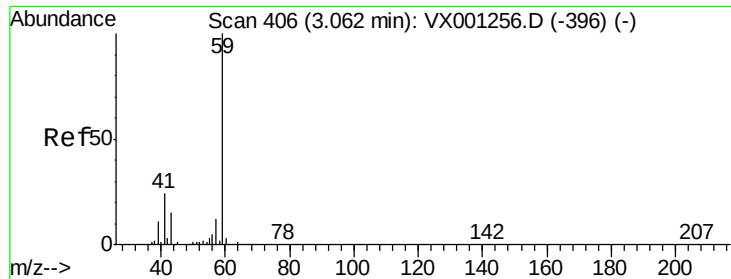
Tgt Ion: 63 Resp: 64977
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.1 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 18.21 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 96 Resp: 36415
 Ion Ratio Lower Upper
 96 100
 61 146.1 113.5 170.3
 98 63.1 51.8 77.8

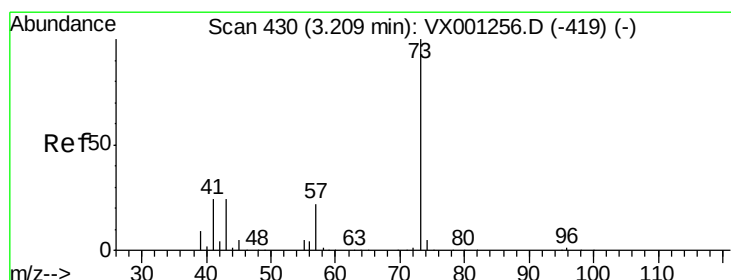
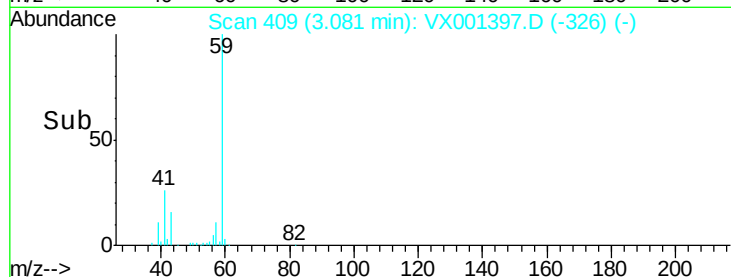
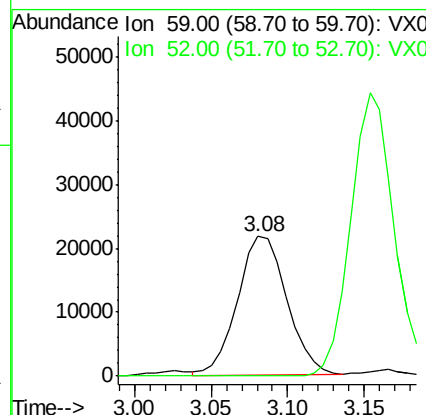
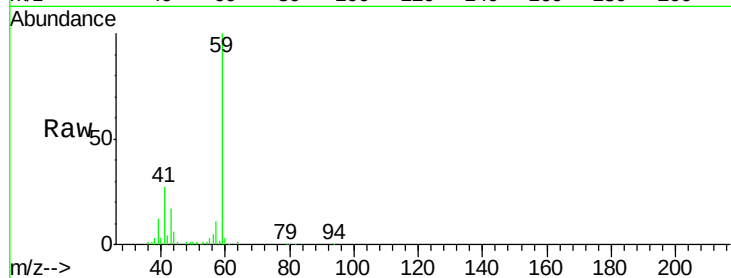




#23
 tert-Butyl Alcohol
 Concen: 138.39 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

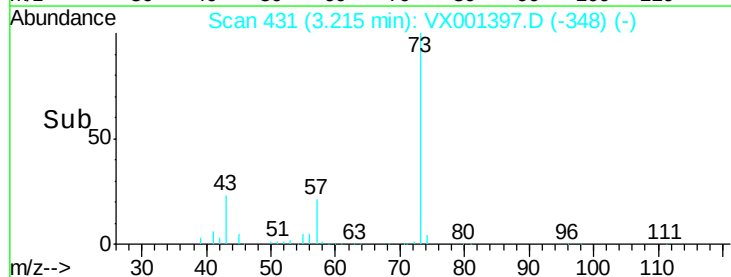
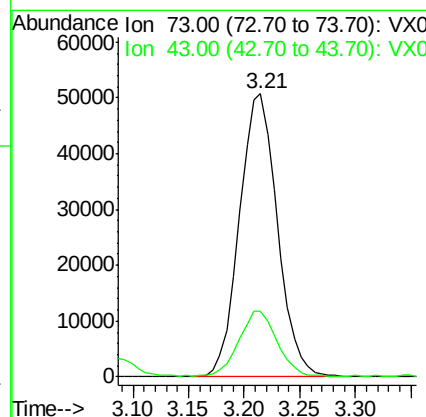
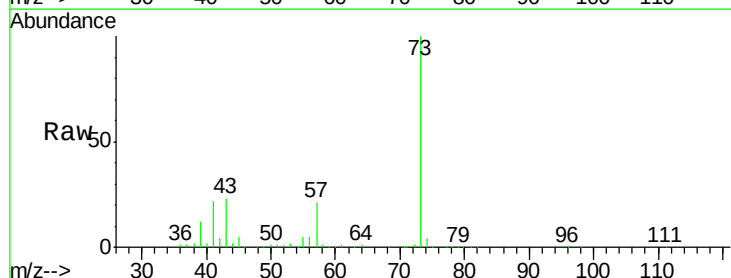
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

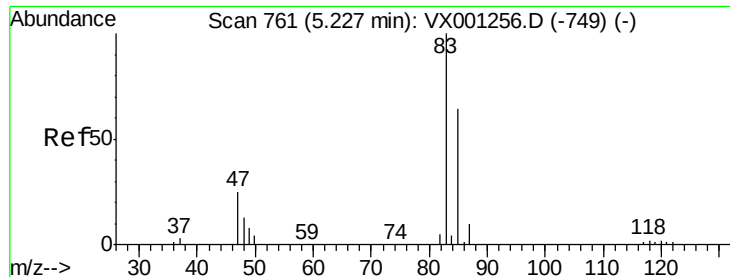
Tgt Ion: 59 Resp: 49143
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1



#24
 Methyl tert-Butyl Ether
 Concen: 21.11 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 73 Resp: 120197
 Ion Ratio Lower Upper
 73 100
 43 23.1 16.5 24.7





#25

Chloroform

Concen: 18.57 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

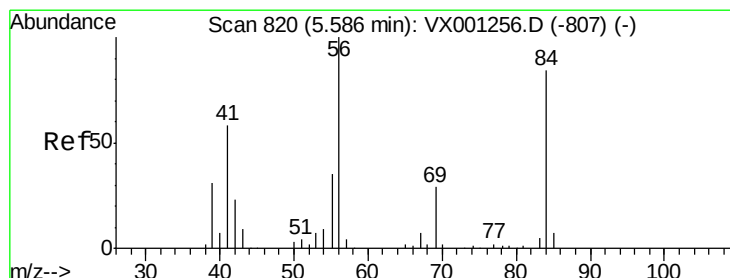
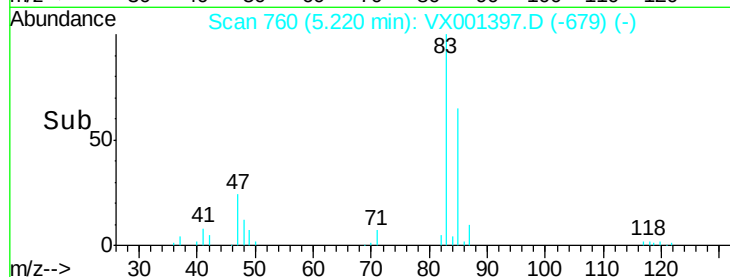
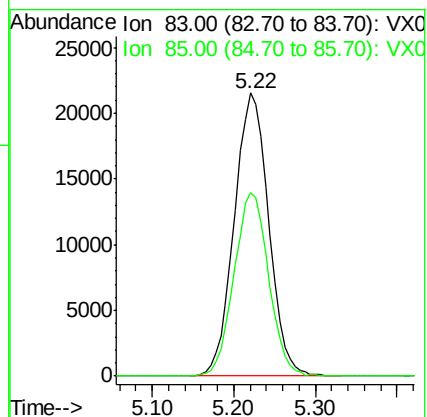
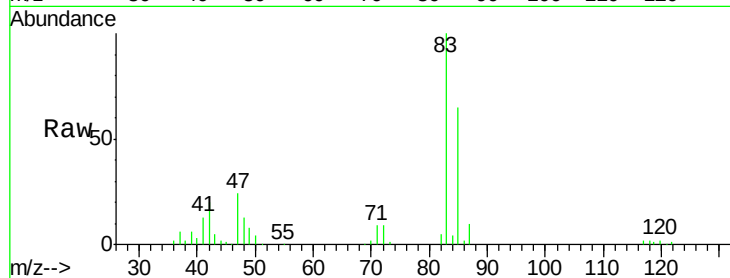
VX0504WBSD01

Tgt Ion: 83 Resp: 63021

Ion Ratio Lower Upper

83 100

85 64.9 52.5 78.7



#26

Cyclohexane

Concen: 16.55 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

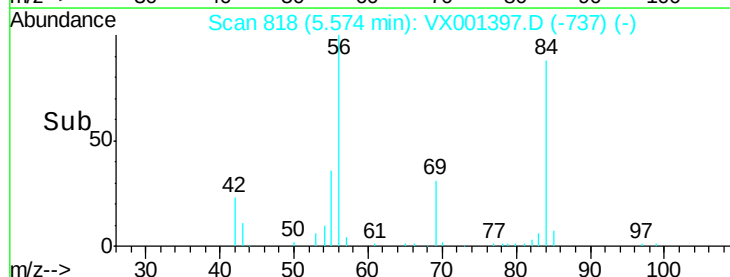
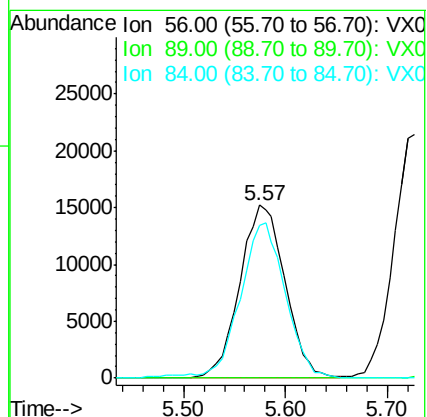
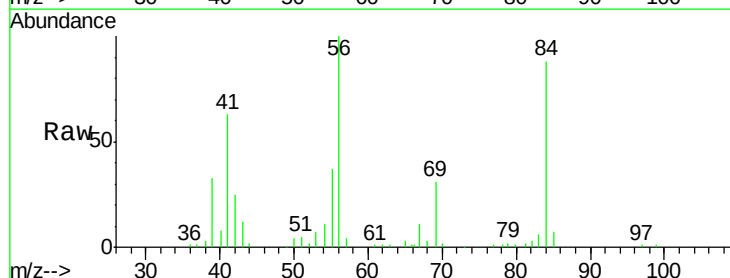
Tgt Ion: 56 Resp: 46908

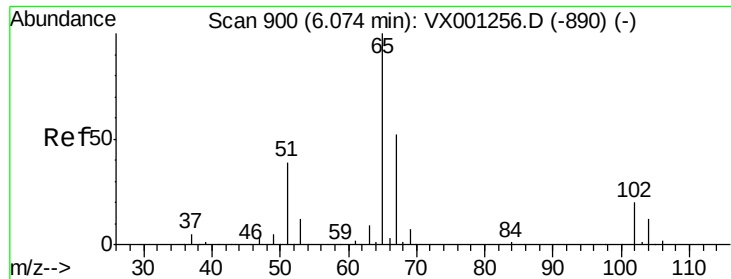
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.2 74.8 112.2

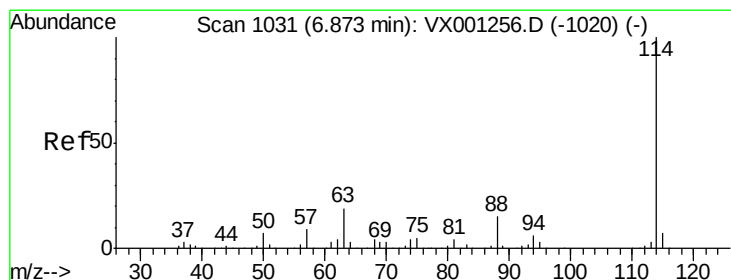
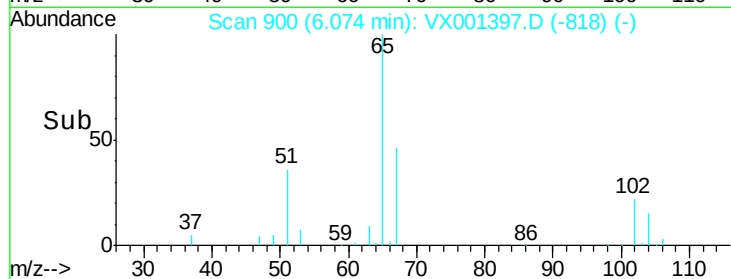
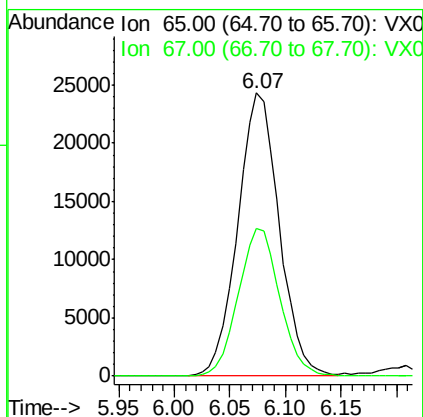
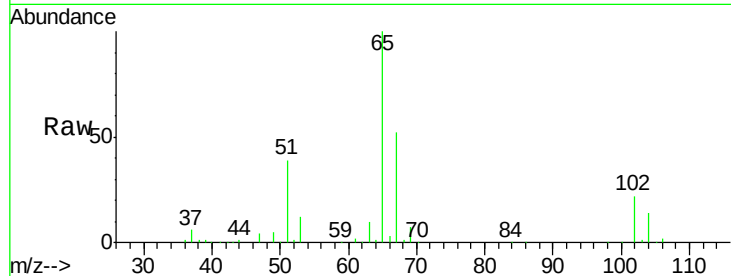




#27
 1,2-Dichloroethane-d4
 Concen: 28.79 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

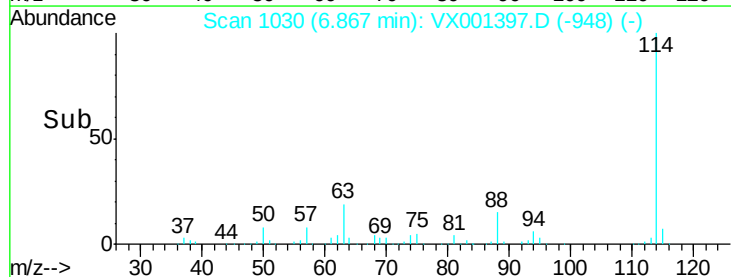
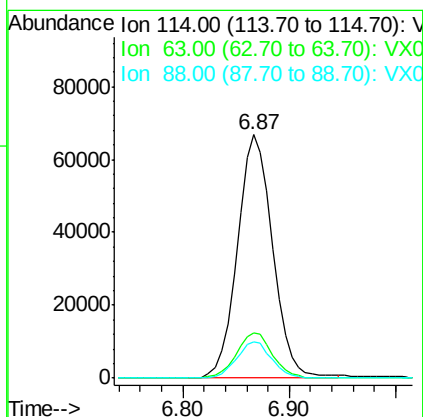
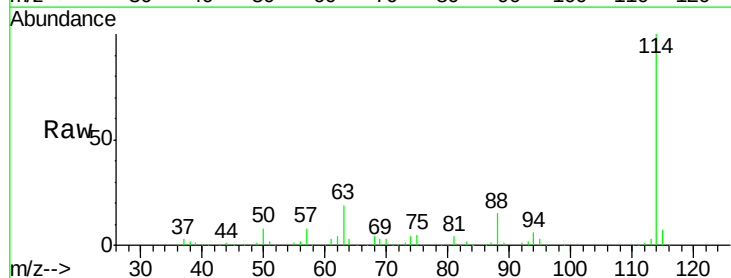
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

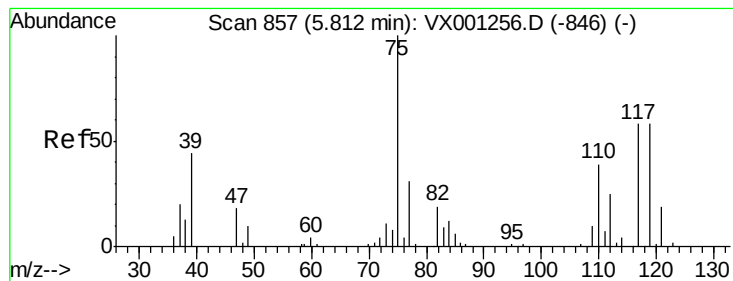
Tgt Ion: 65 Resp: 62954
 Ion Ratio Lower Upper
 65 100
 67 52.2 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 114 Resp: 155425
 Ion Ratio Lower Upper
 114 100
 63 18.9 15.0 22.4
 88 14.8 11.8 17.8





#29

1,1-Dichloropropene

Concen: 18.56 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

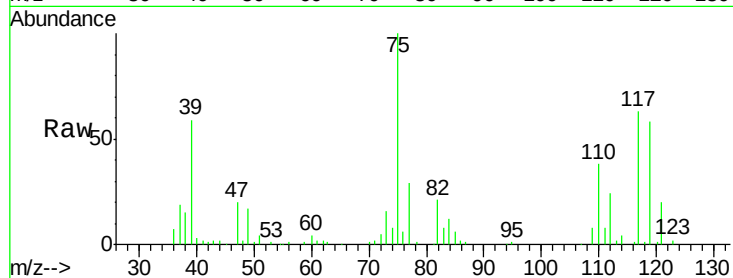
Tgt Ion: 75 Resp: 42738

Ion Ratio Lower Upper

75 100

110 38.1 0.0 75.6

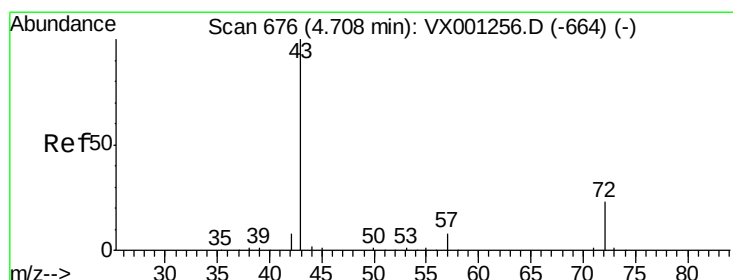
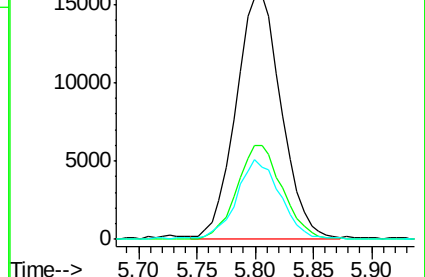
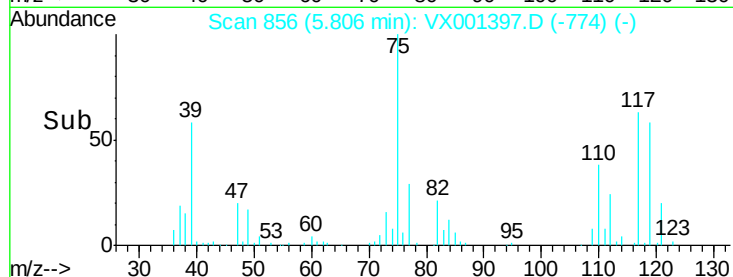
77 31.3 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 116.89 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

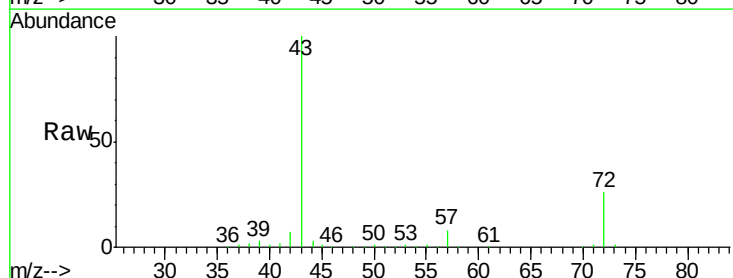
Tgt Ion: 43 Resp: 137936

Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

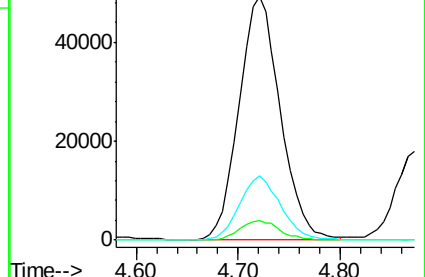
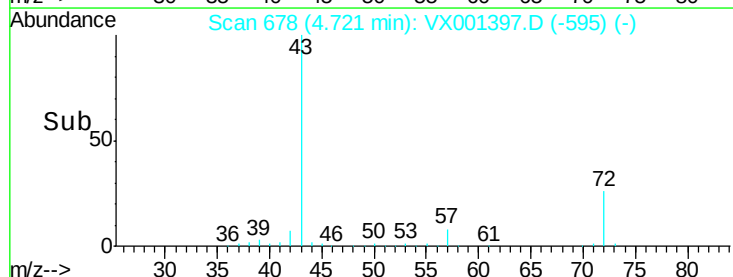
72 26.4 21.8 32.6

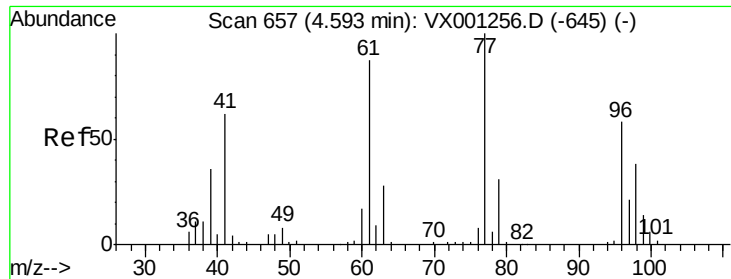


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

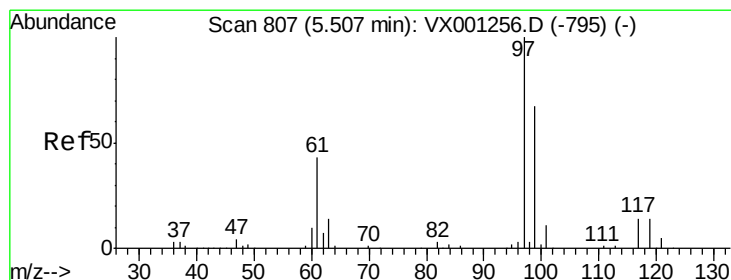
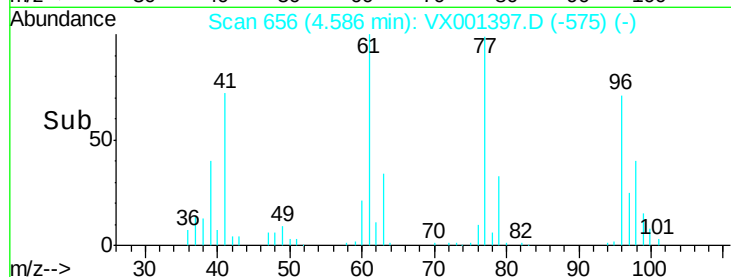
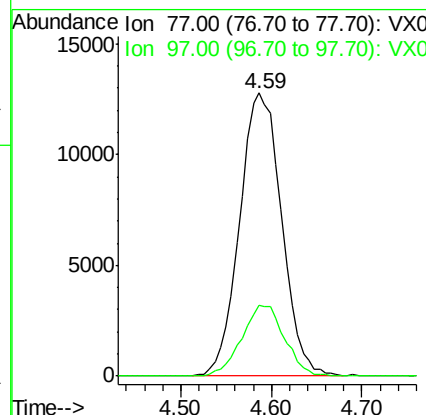
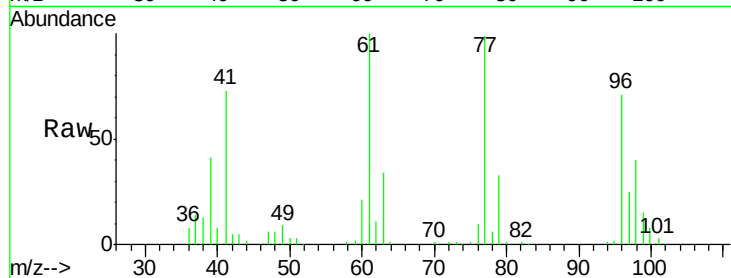




#31
 2,2-Dichloropropane
 Concen: 16.32 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

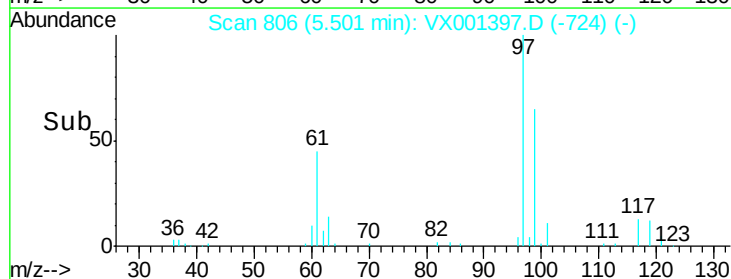
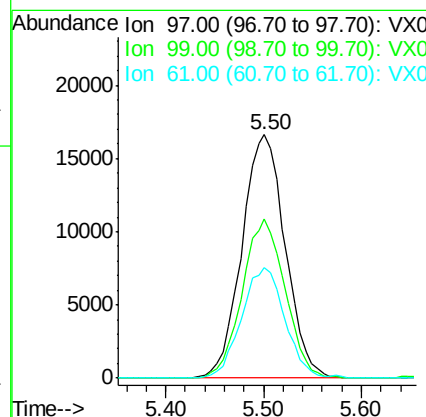
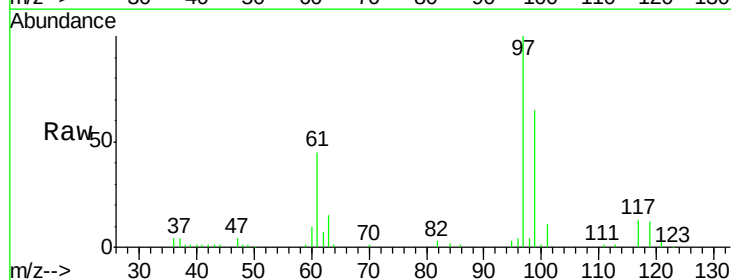
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

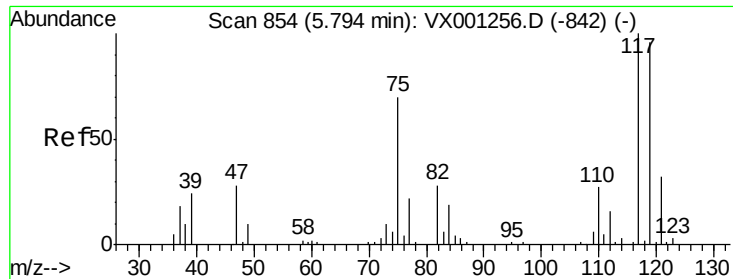
Tgt Ion: 77 Resp: 41018
 Ion Ratio Lower Upper
 77 100
 97 25.4 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 18.27 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 97 Resp: 50916
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.3 78.5
 61 45.3 34.3 51.5





#33

Carbon Tetrachloride

Concen: 18.11 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

VX0504WBSD01

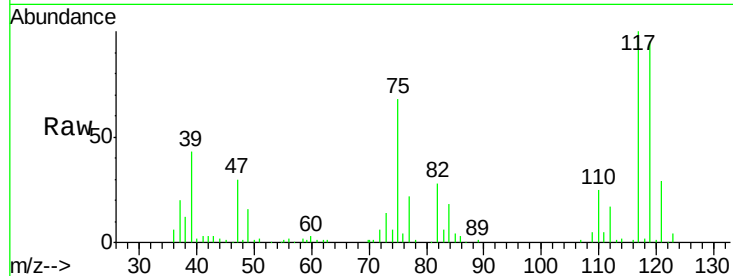
Tgt Ion:117 Resp: 45476

Ion Ratio Lower Upper

117 100

119 94.9 73.5 110.3

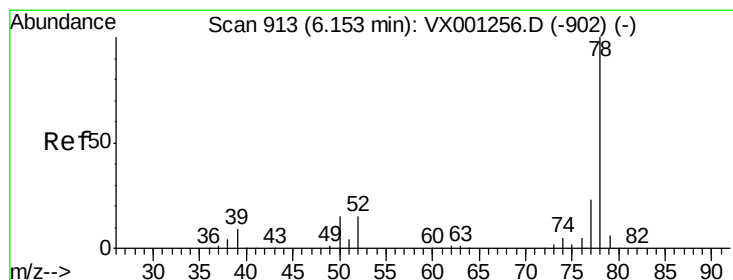
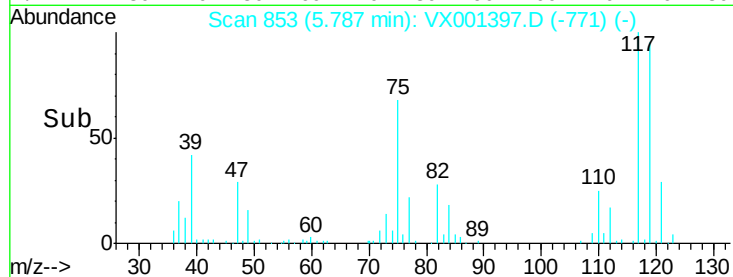
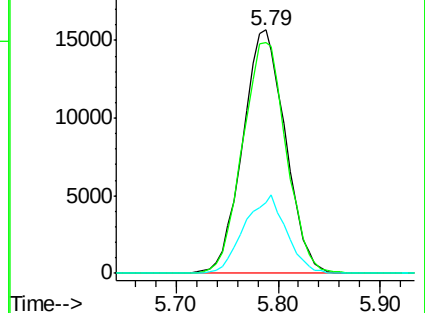
121 28.9 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.06 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

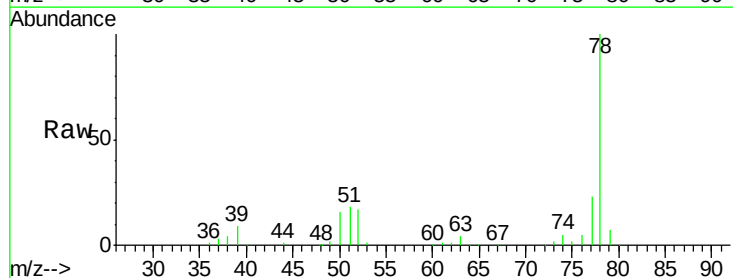
Tgt Ion: 78 Resp: 130063

Ion Ratio Lower Upper

78 100

77 23.4 21.7 32.5

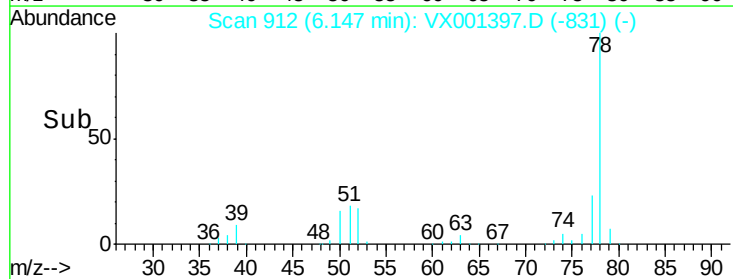
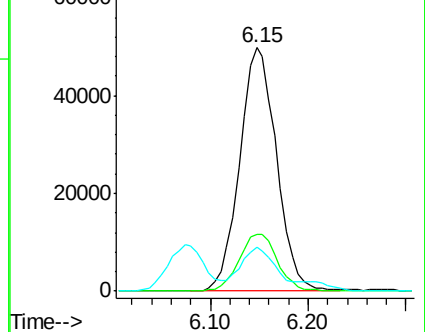
51 16.7 14.9 22.3

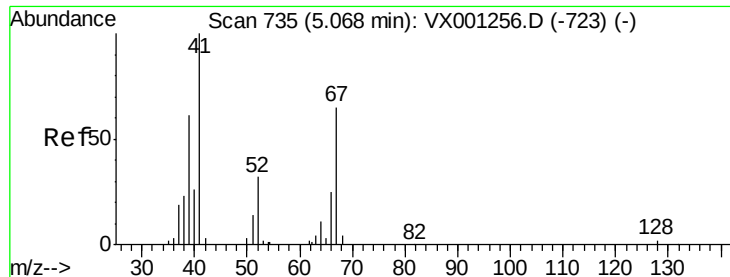


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

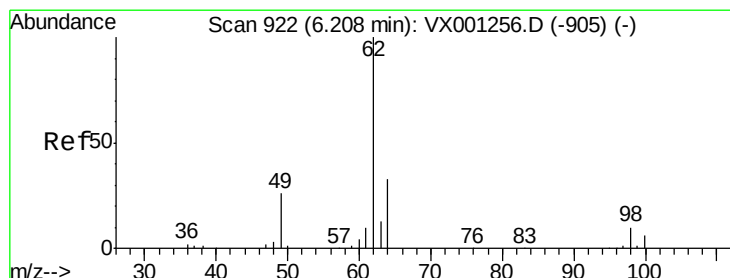
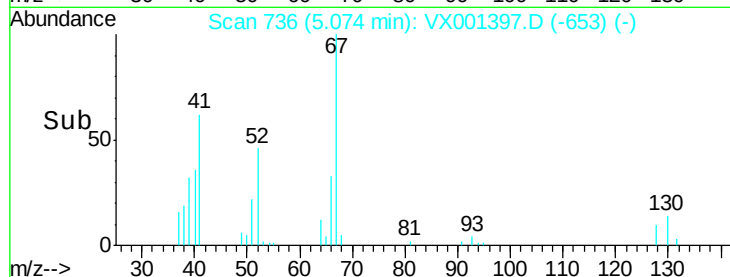
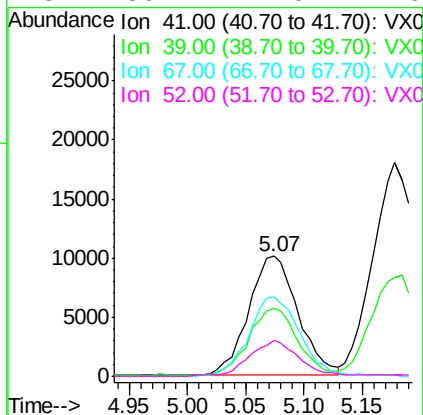
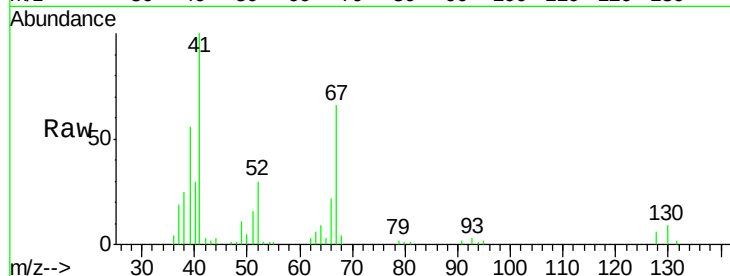




#35
Methacrylonitrile
Concen: 22.78 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

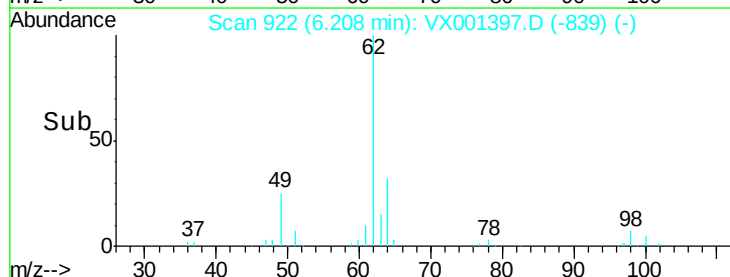
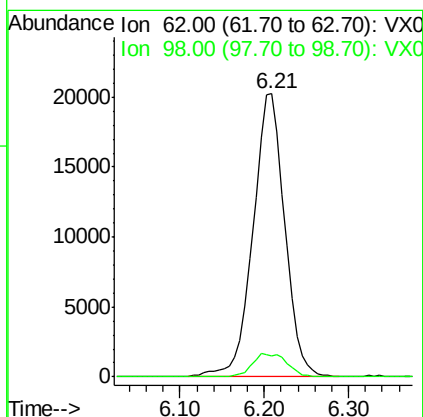
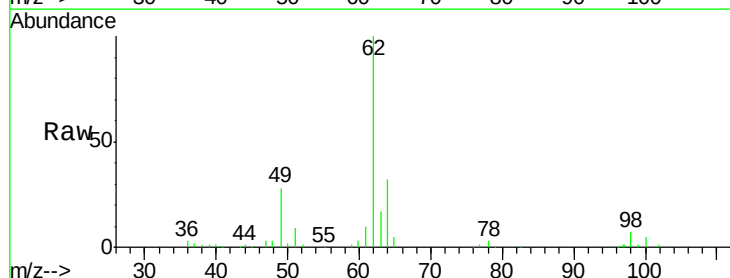
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

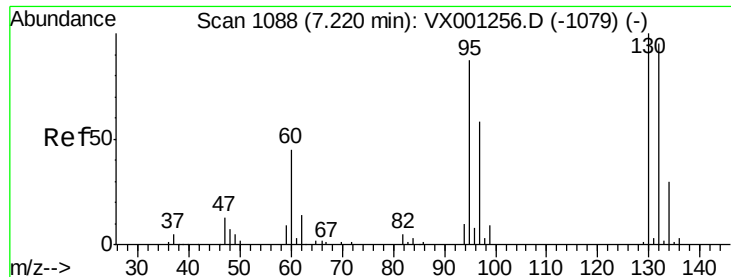
Tgt Ion:	41	Resp:	29831
Ion	Ratio	Lower	Upper
41	100		
39	55.9	29.8	89.3
67	66.2	28.7	86.3
52	30.4	14.0	41.9



#36
1,2-Dichloroethane
Concen: 19.96 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion:	62	Resp:	52260
Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.9	10.3





#37

Trichloroethene

Concen: 19.82 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

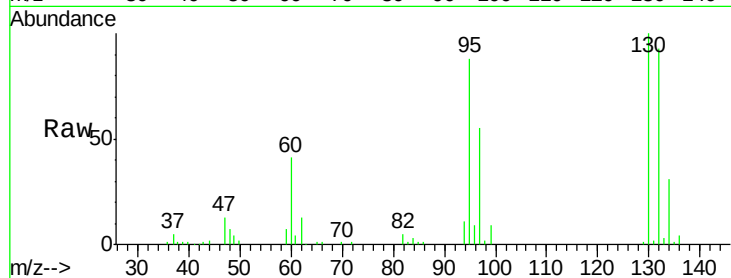
VX0504WBSD01

Tgt Ion:130 Resp: 40999

Ion Ratio Lower Upper

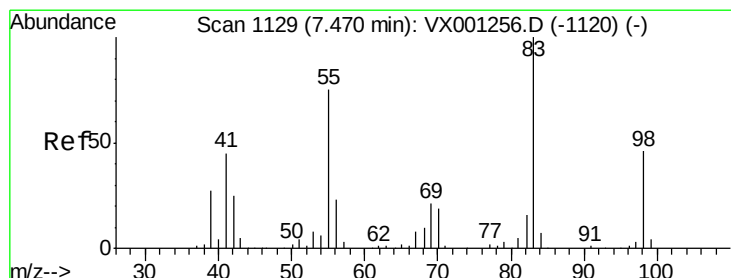
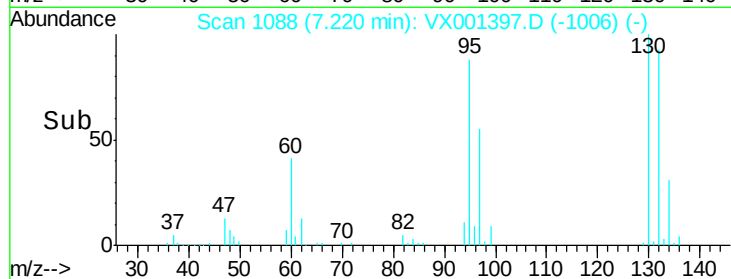
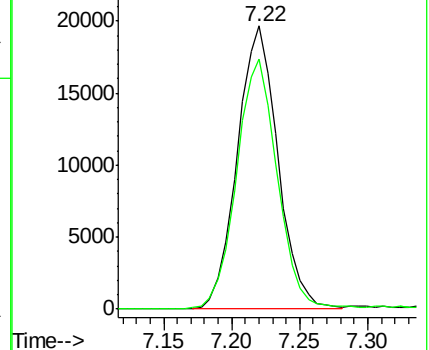
130 100

95 87.8 74.6 112.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.38 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

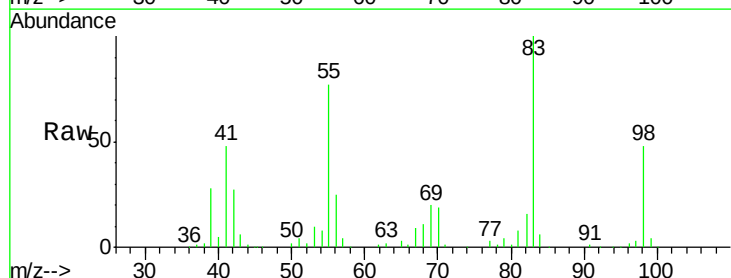
Tgt Ion: 83 Resp: 49793

Ion Ratio Lower Upper

83 100

55 77.0 35.9 107.7

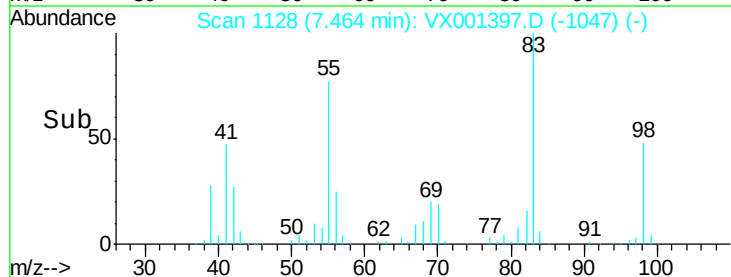
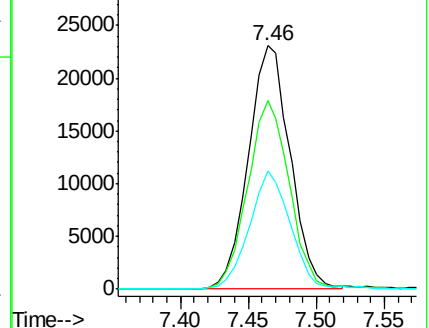
98 47.1 24.6 74.0

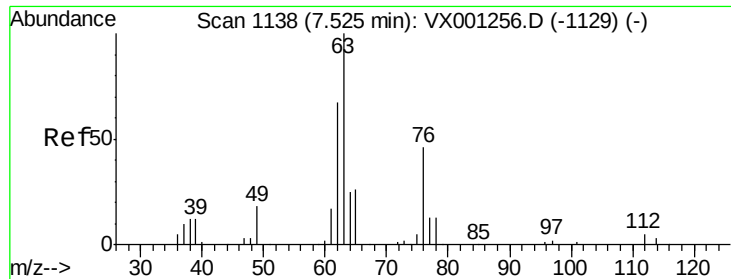


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

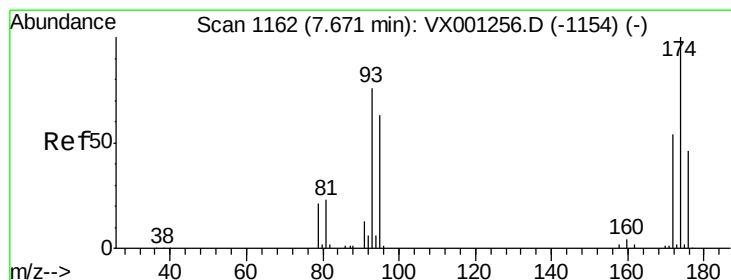
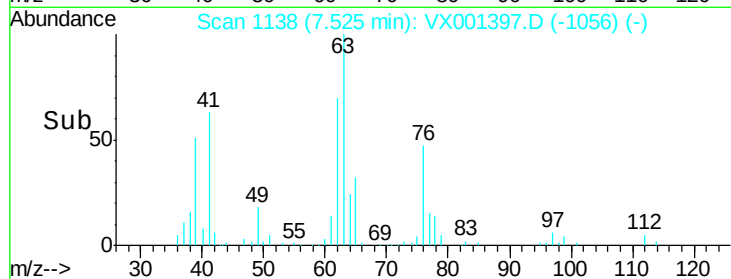
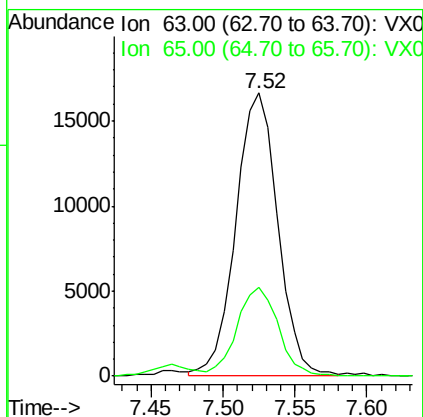
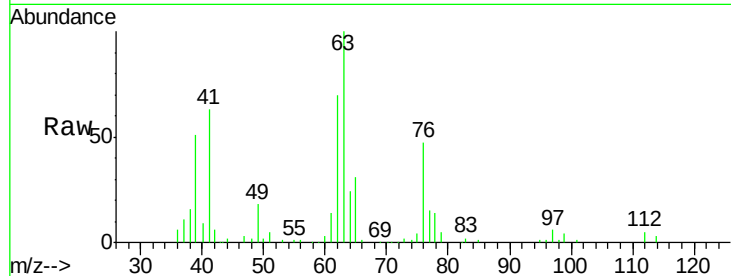




#39
 1,2-Dichloropropane
 Concen: 19.49 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

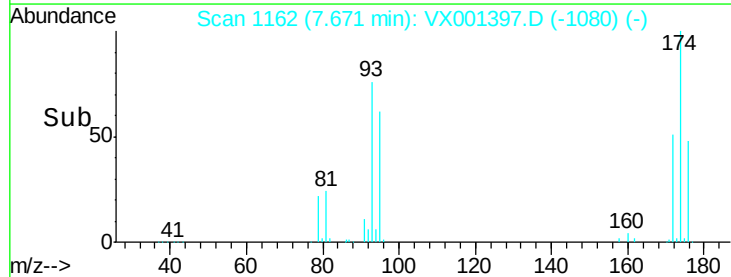
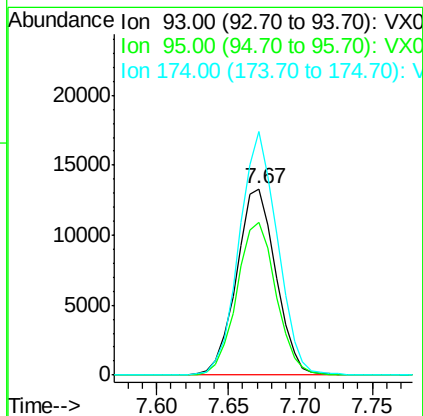
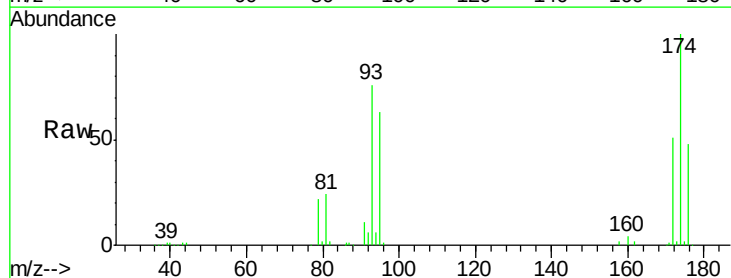
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

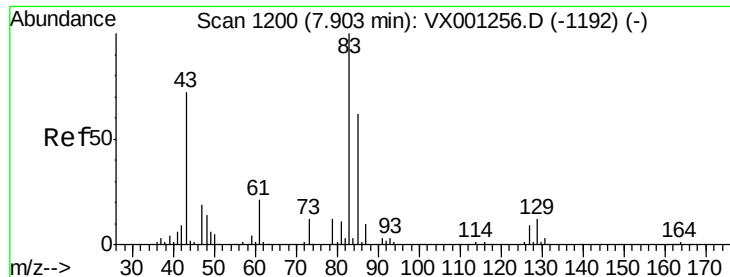
Tgt Ion: 63 Resp: 33719
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6



#40
 Dibromomethane
 Concen: 20.75 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 93 Resp: 25256
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 170.6
 174 126.8 0.0 210.4





#41

Bromodichloromethane

Concen: 18.62 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

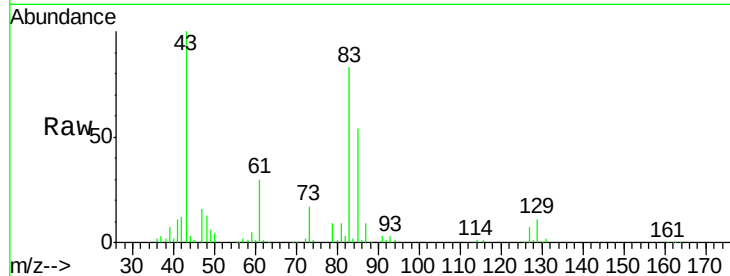
Tgt Ion: 83 Resp: 42814

Ion Ratio Lower Upper

83 100

85 65.0 50.0 75.0

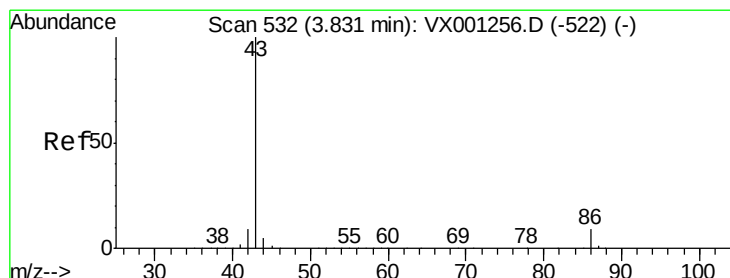
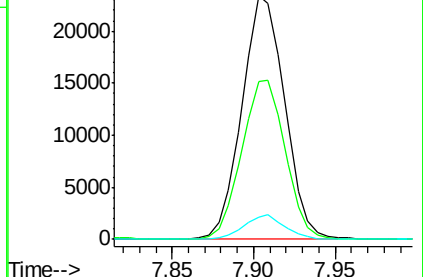
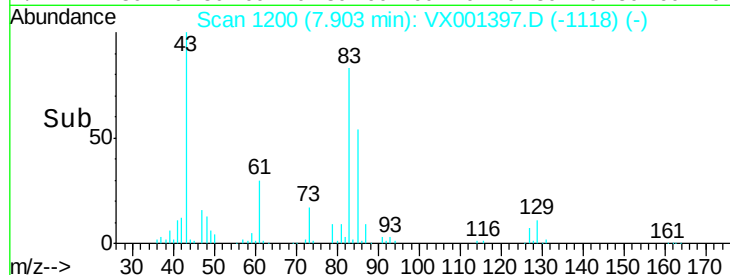
127 9.8 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 106.80 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001397.D

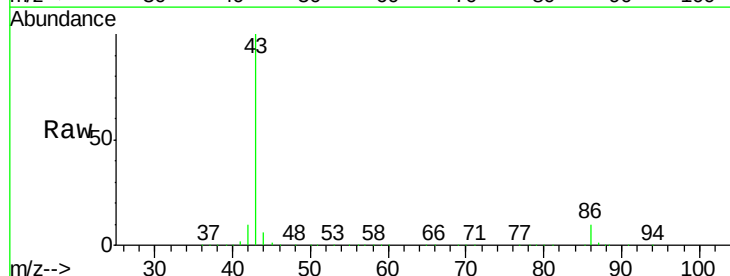
Acq: 04 May 2018 15:00

Tgt Ion: 43 Resp: 495721

Ion Ratio Lower Upper

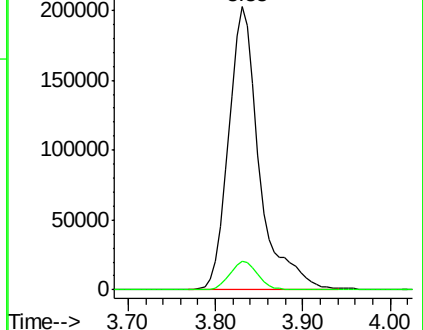
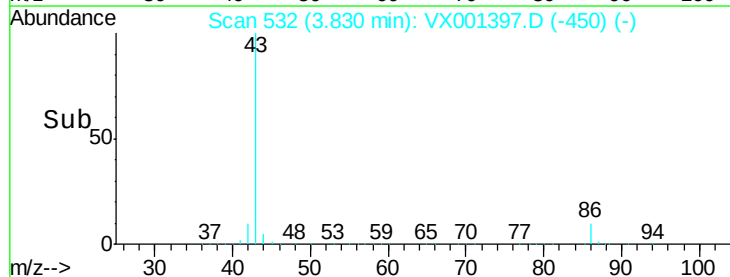
43 100

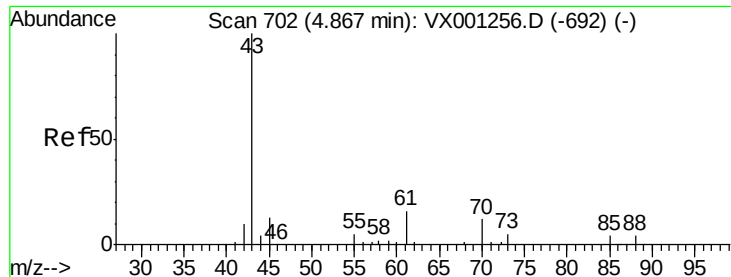
86 9.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 22.86 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

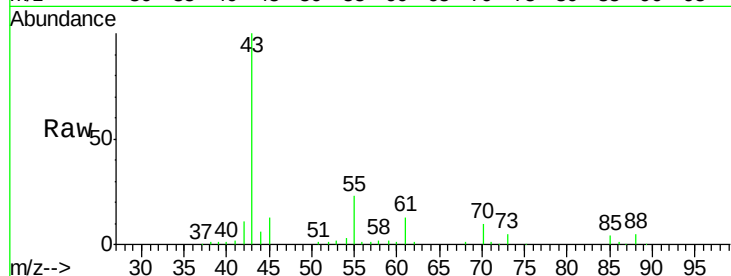
VX0504WBSD01

Tgt Ion: 43 Resp: 51949

Ion Ratio Lower Upper

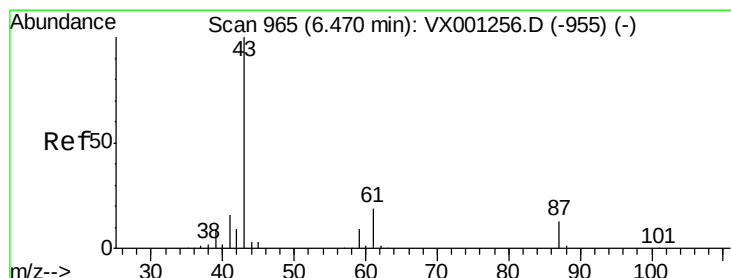
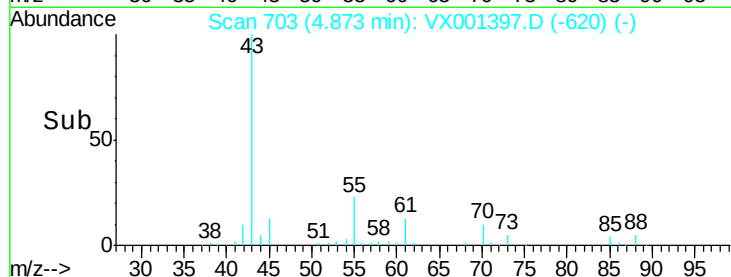
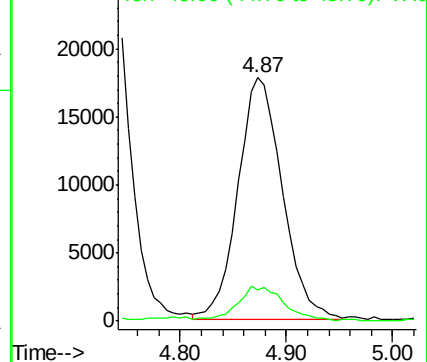
43 100

45 15.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.63 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001397.D

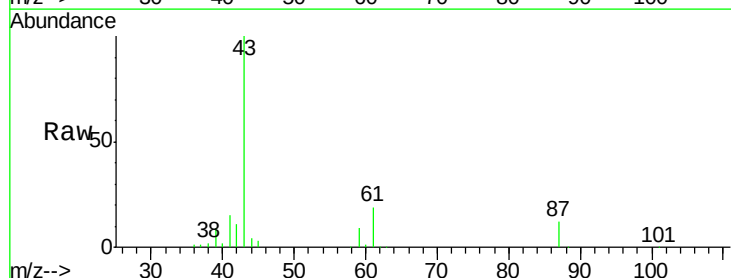
Acq: 04 May 2018 15:00

Tgt Ion: 43 Resp: 79783

Ion Ratio Lower Upper

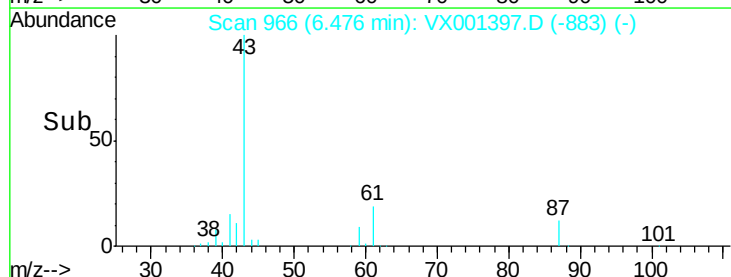
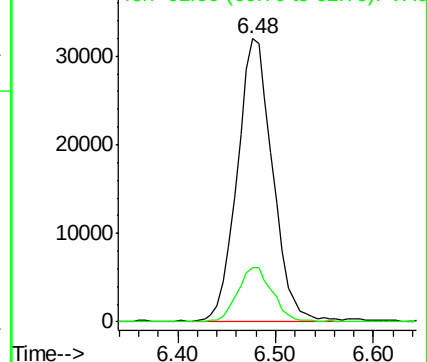
43 100

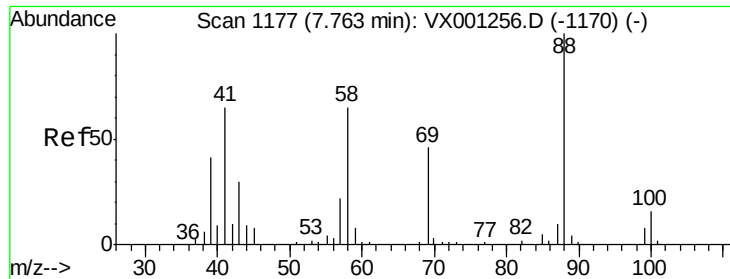
61 19.1 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

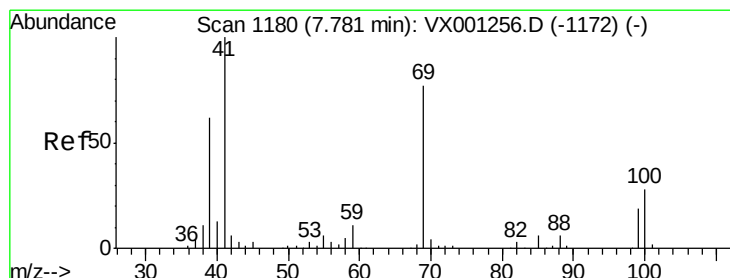
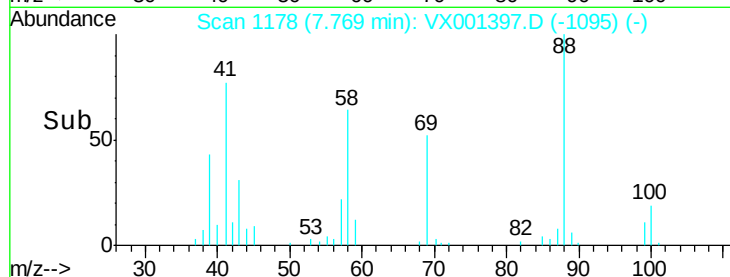
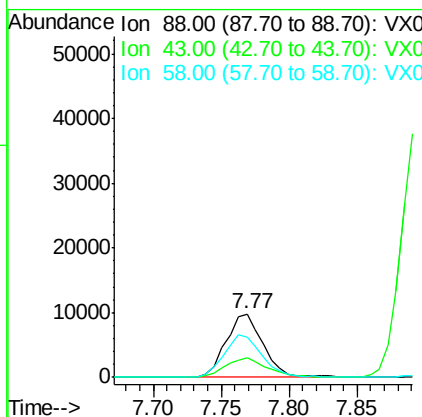
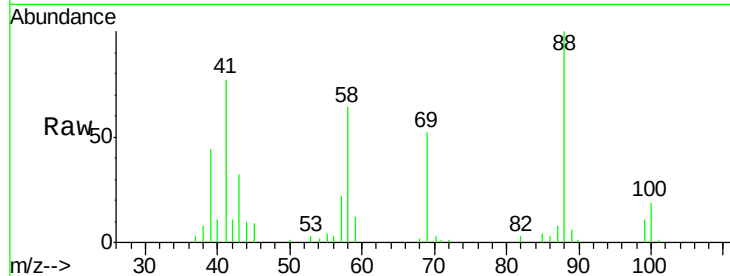




#45
 1,4-Dioxane
 Concen: 527.55 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

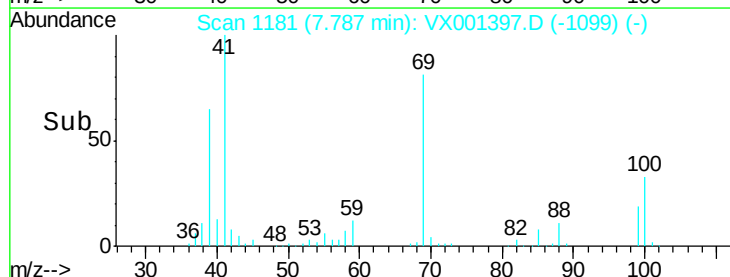
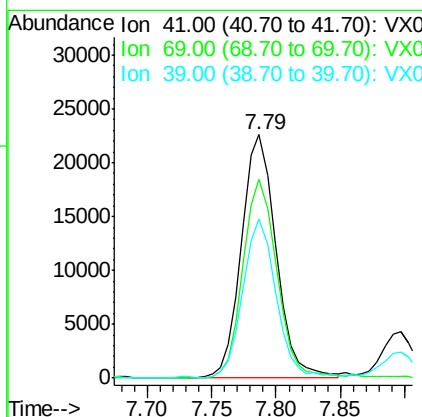
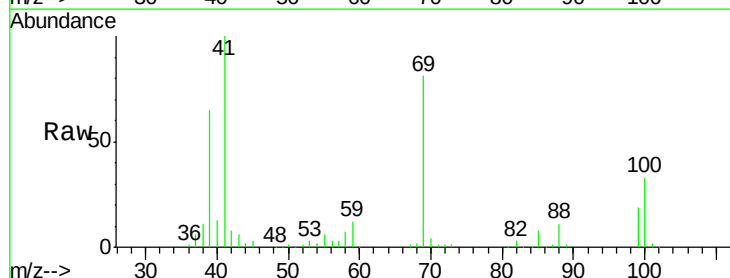
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

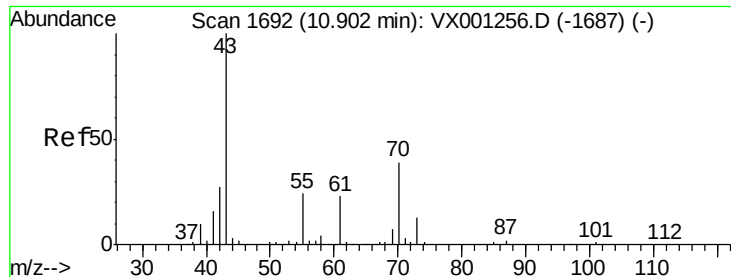
Tgt Ion: 88 Resp: 18541
 Ion Ratio Lower Upper
 88 100
 43 33.9 26.8 40.2
 58 68.3 52.1 78.1



#46
 Methyl methacrylate
 Concen: 20.98 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 41 Resp: 42197
 Ion Ratio Lower Upper
 41 100
 69 81.4 45.5 136.5
 39 64.5 32.5 97.5





#47

n-amyI Acetate

Concen: 19.04 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

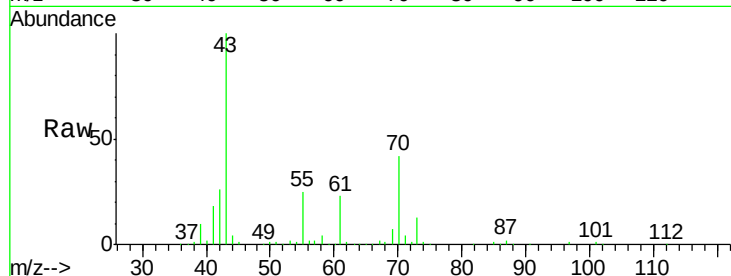
VX0504WBSD01

Tgt Ion: 43 Resp: 70660

Ion Ratio Lower Upper

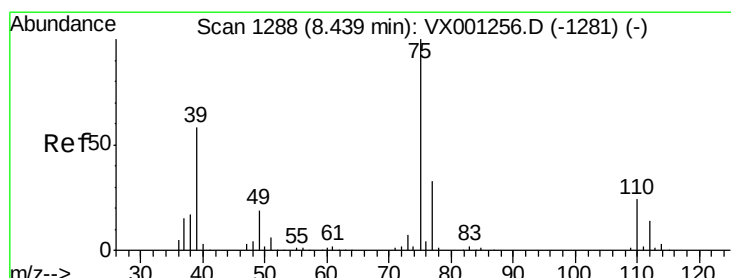
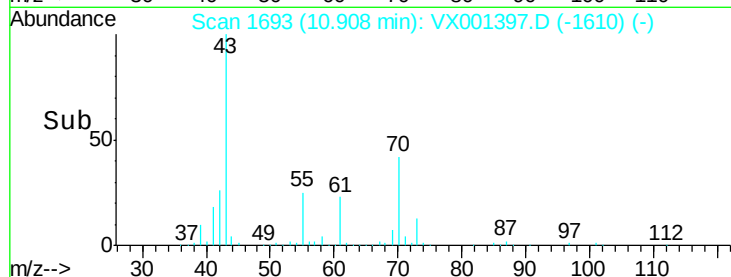
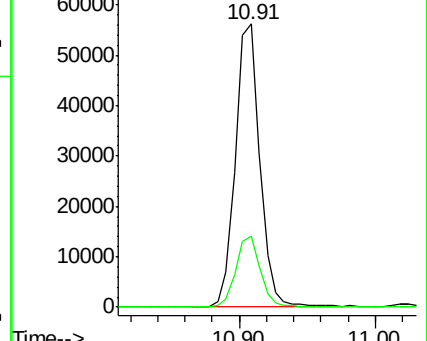
43 100

55 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.75 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001397.D

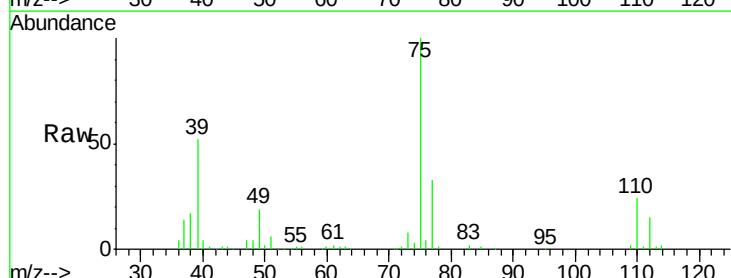
Acq: 04 May 2018 15:00

Tgt Ion: 75 Resp: 48055

Ion Ratio Lower Upper

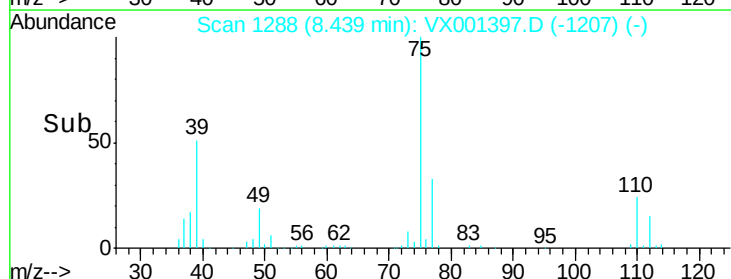
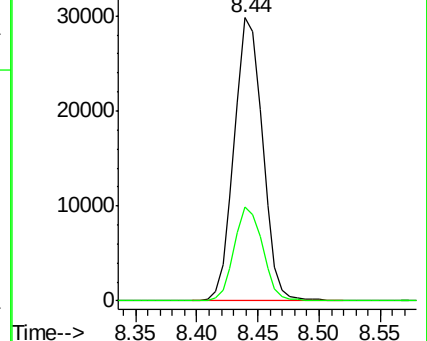
75 100

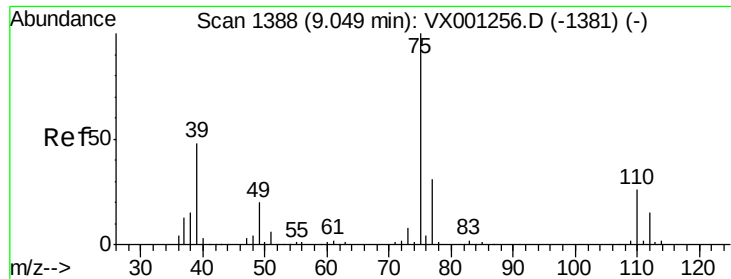
77 33.4 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

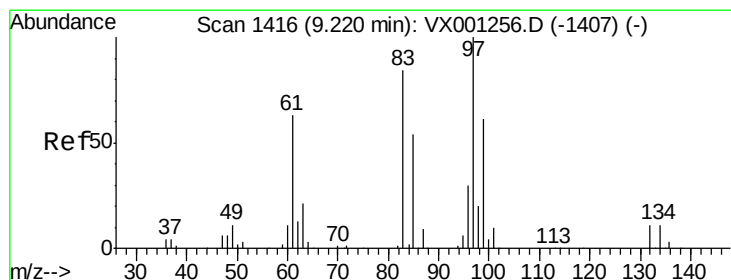
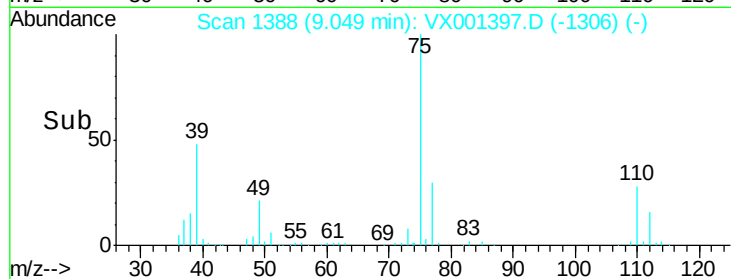
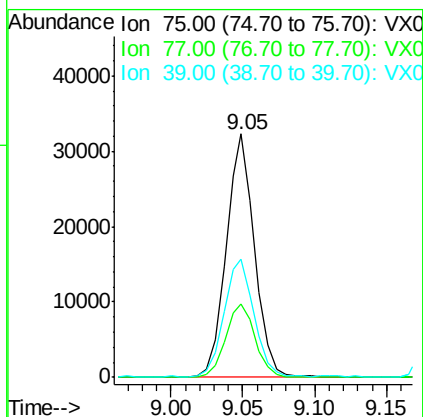
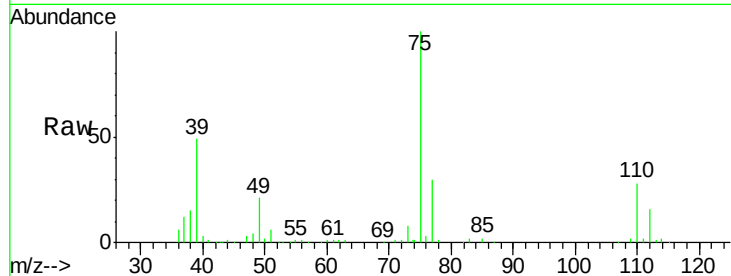




#49
 cis-1,3-Dichloropropene
 Concen: 17.08 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

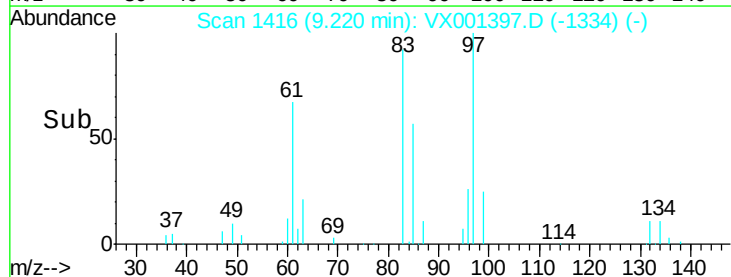
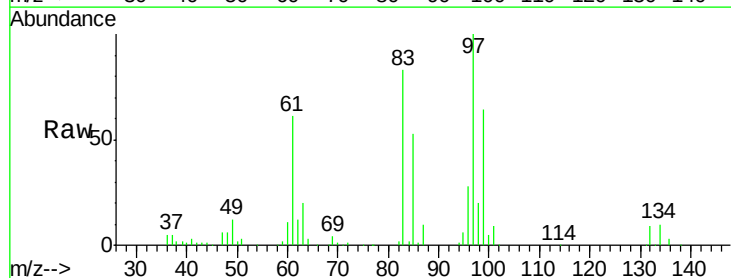
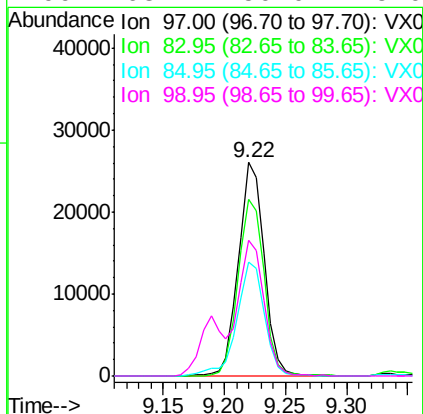
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

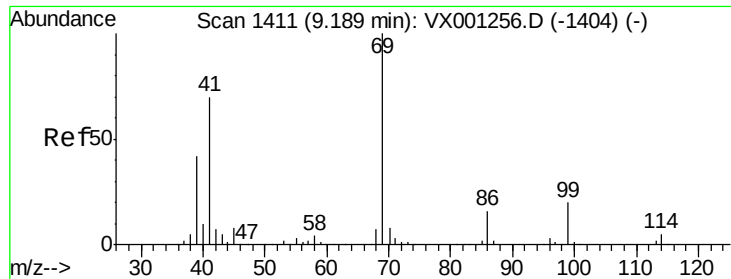
Tgt Ion: 75 Resp: 44301
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.5 36.7
 39 48.4 35.6 53.4



#50
 1,1,2-Trichloroethane
 Concen: 21.00 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 97 Resp: 37972
 Ion Ratio Lower Upper
 97 100
 83 82.7 66.9 100.3
 85 53.5 44.4 66.6
 99 63.4 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.84 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

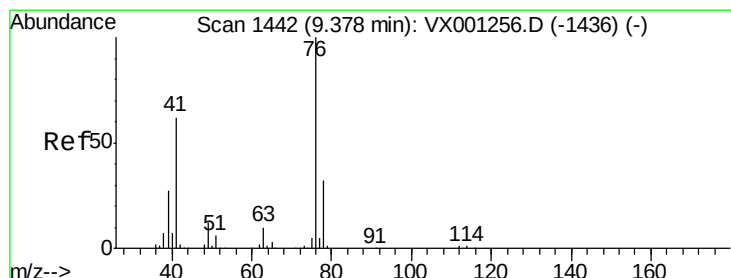
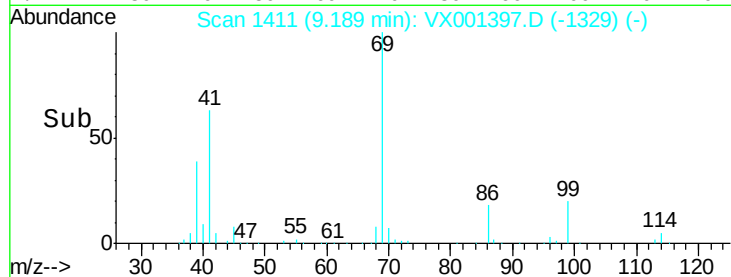
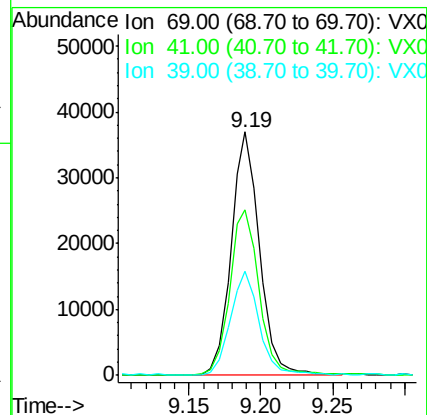
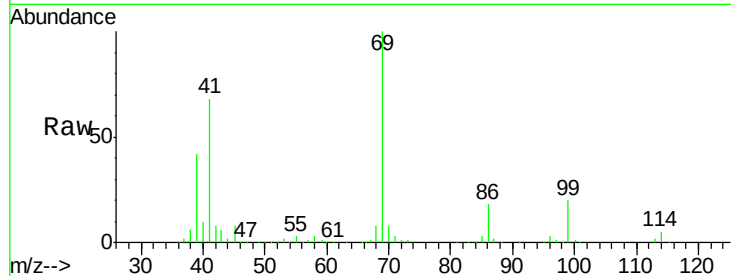
Tgt Ion: 69 Resp: 51116

Ion Ratio Lower Upper

69 100

41 67.7 32.1 96.3

39 42.3 19.6 58.7



#52

1,3-Dichloropropane

Concen: 20.79 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001397.D

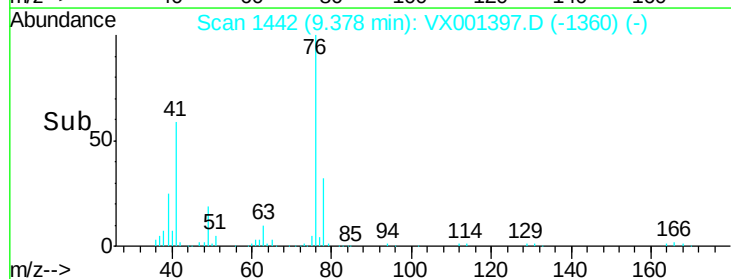
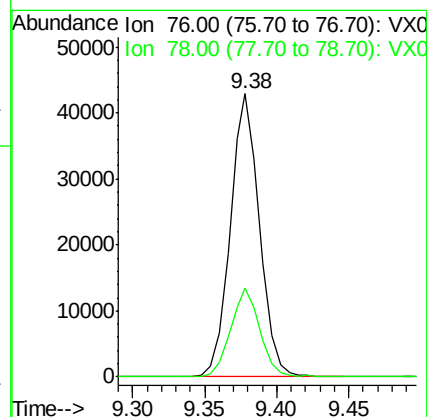
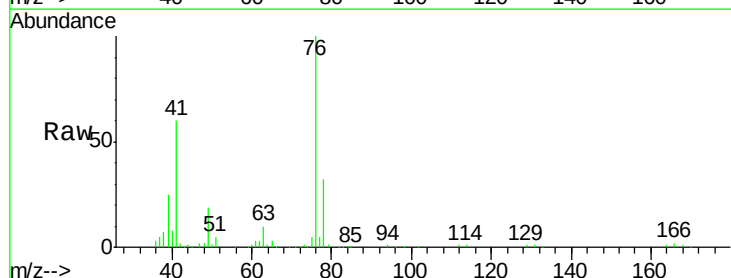
Acq: 04 May 2018 15:00

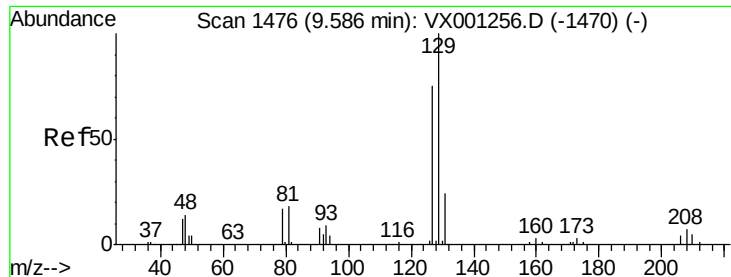
Tgt Ion: 76 Resp: 60755

Ion Ratio Lower Upper

76 100

78 31.5 0.0 65.0

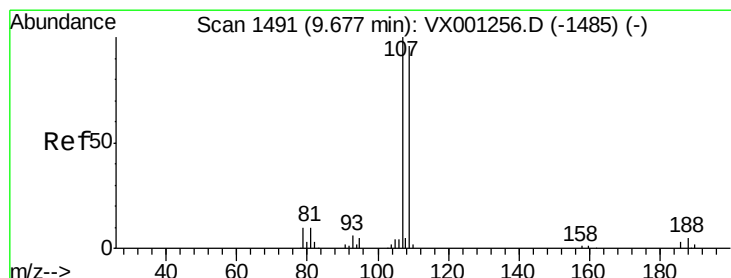
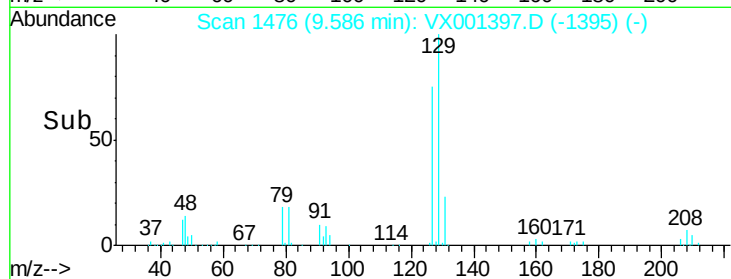
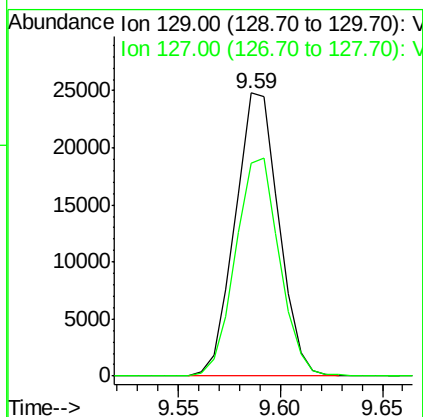
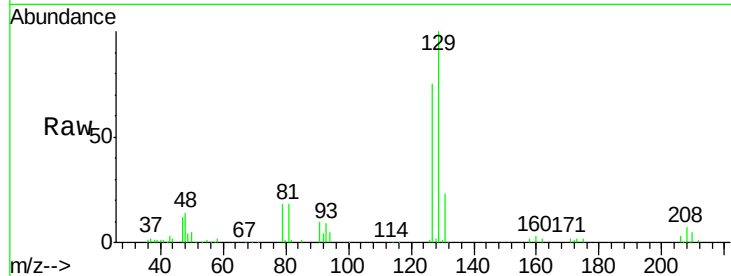




#53
 Dibromochloromethane
 Concen: 18.50 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

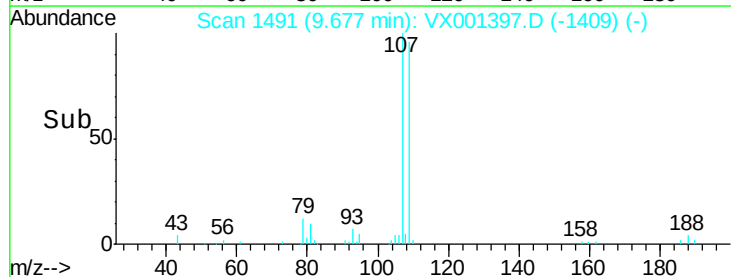
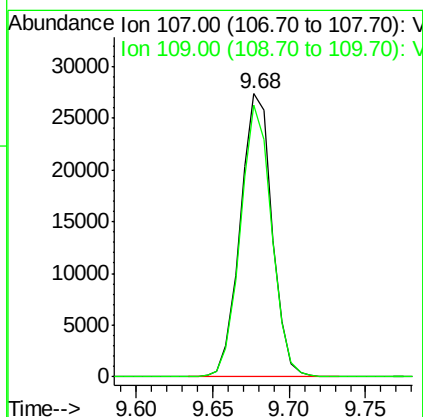
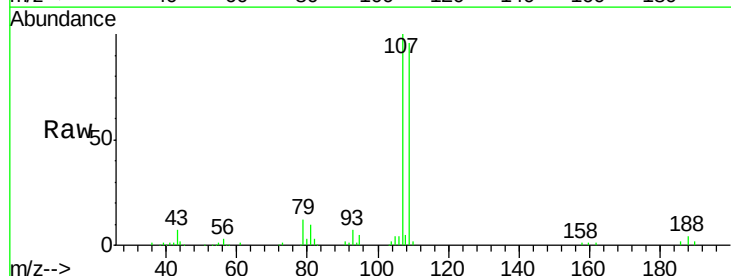
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

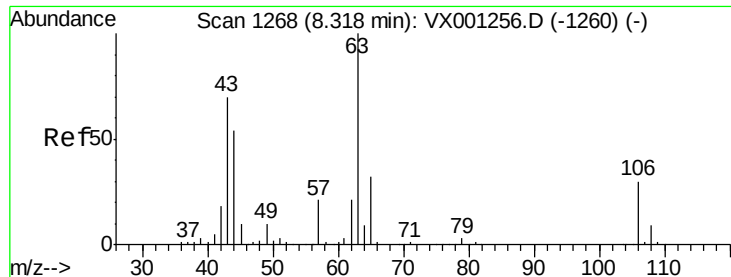
Tgt Ion:129 Resp: 36913
 Ion Ratio Lower Upper
 129 100
 127 77.4 37.5 112.5



#54
 1,2-Dibromoethane
 Concen: 20.38 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion:107 Resp: 39434
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.5 111.7

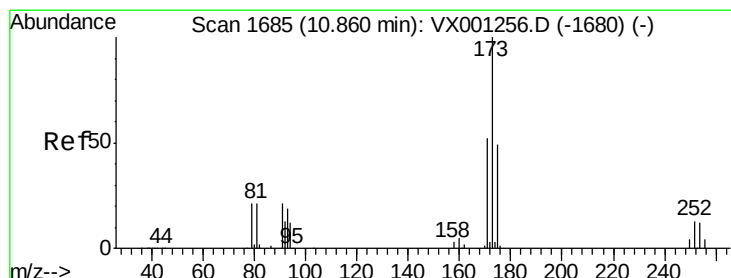
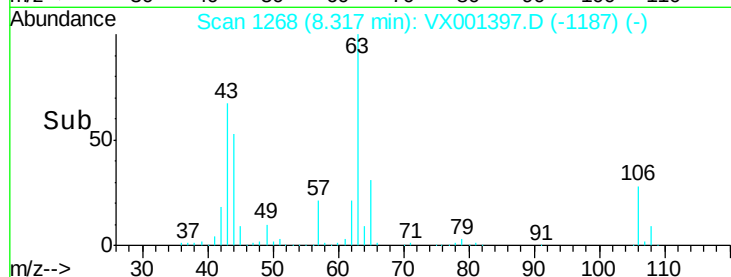
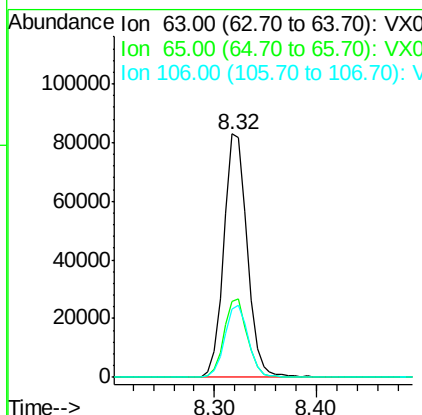
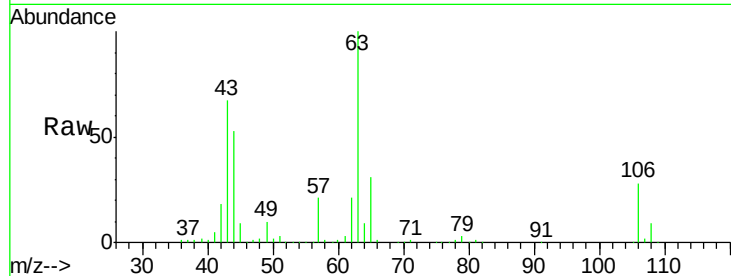




#55
2-Chloroethyl vinyl ether
Concen: 104.74 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

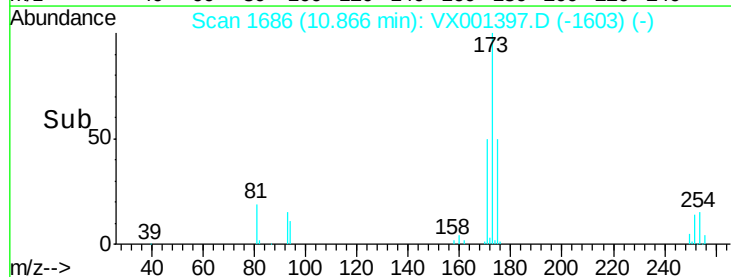
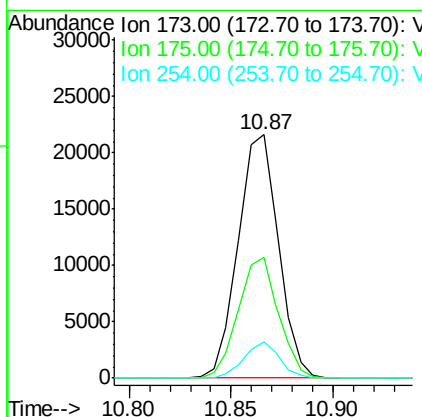
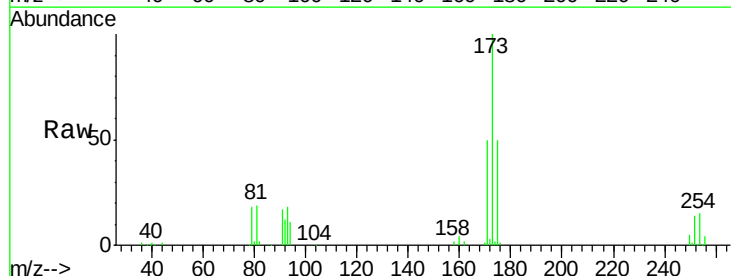
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

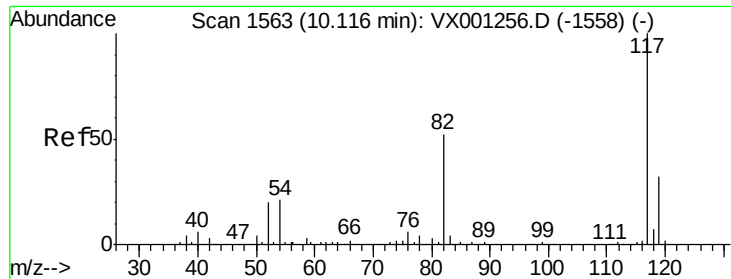
Tgt Ion: 63 Resp: 132172
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.8
106 29.7 23.8 35.6



#56
Bromoform
Concen: 18.21 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 173 Resp: 29747
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
254 13.2 7.0 10.4#

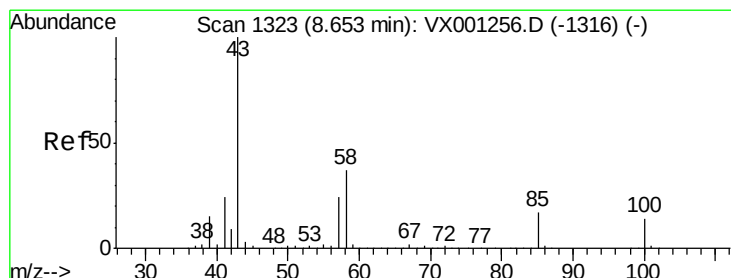
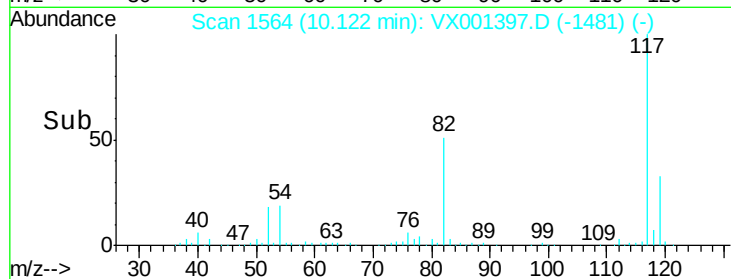
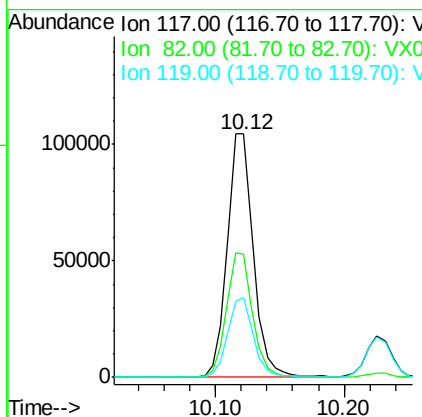
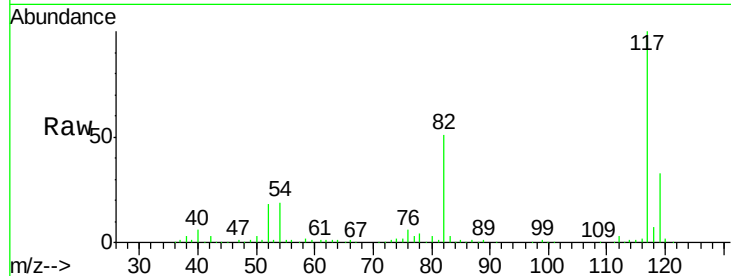




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

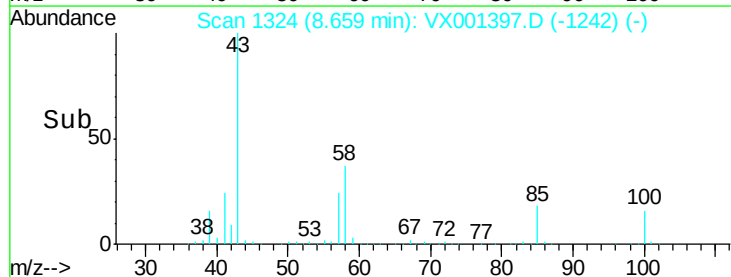
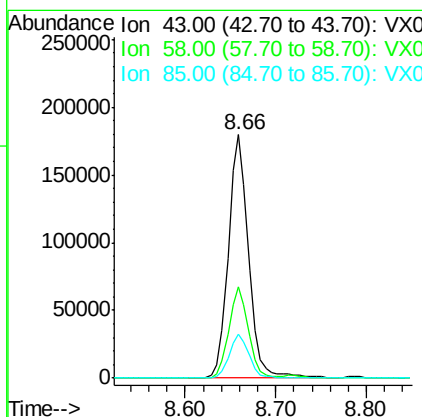
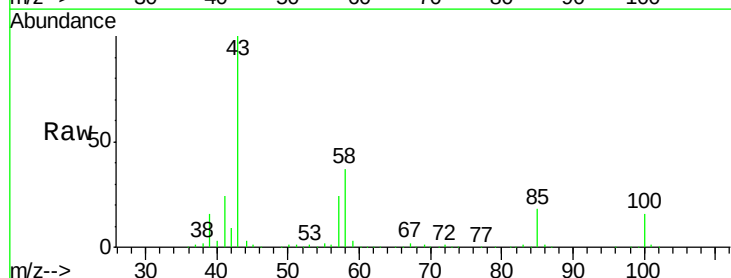
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

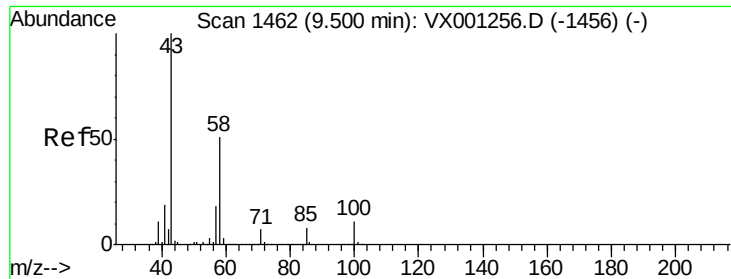
Tgt Ion: 117 Resp: 149749
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.3 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 113.25 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 43 Resp: 281486
Ion Ratio Lower Upper
43 100
58 36.4 29.8 44.8
85 17.6 14.9 22.3





#59

2-Hexanone

Concen: 110.08 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

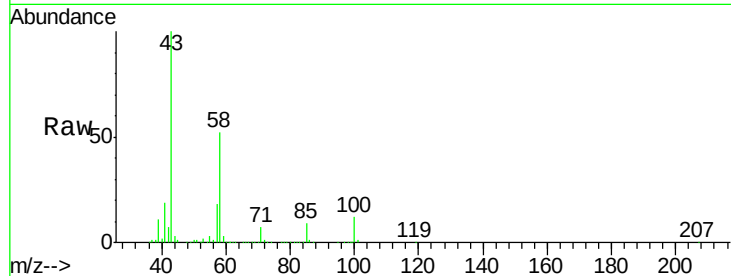
Tgt Ion: 43 Resp: 213167

Ion Ratio Lower Upper

43 100

58 51.5 43.0 64.6

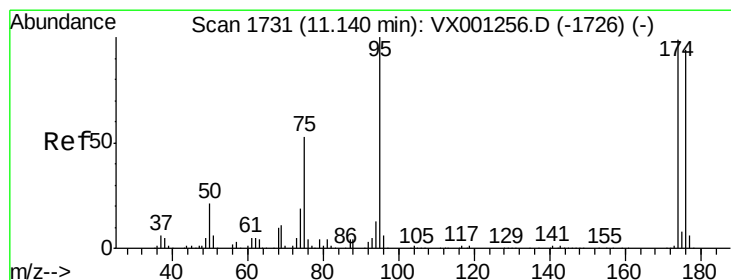
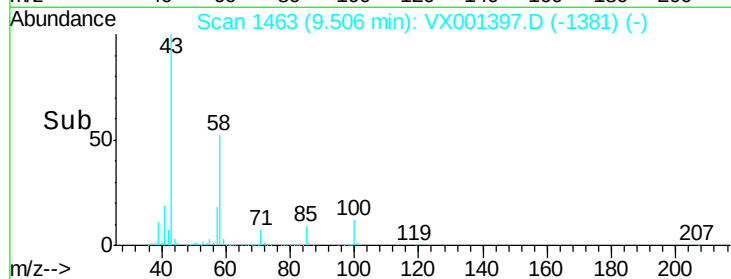
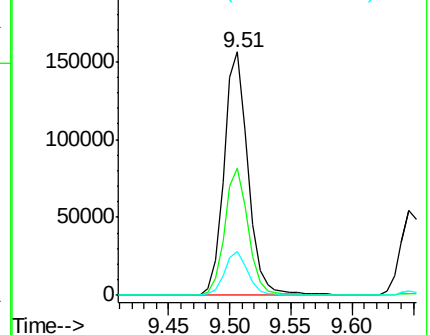
57 18.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#60

4-Bromofluorobenzene

Concen: 28.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

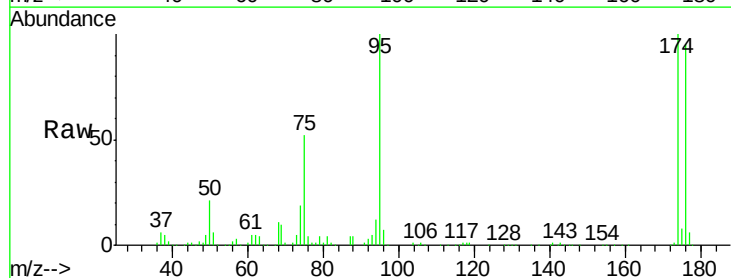
Tgt Ion: 95 Resp: 71051

Ion Ratio Lower Upper

95 100

174 106.2 71.1 106.7

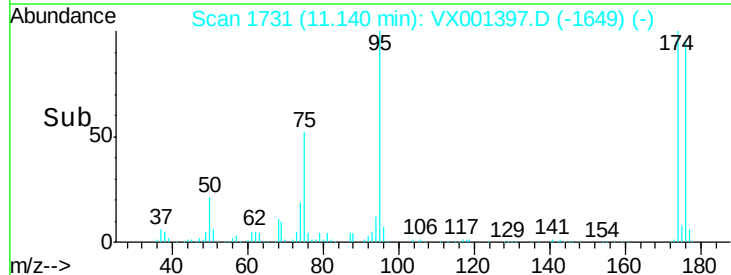
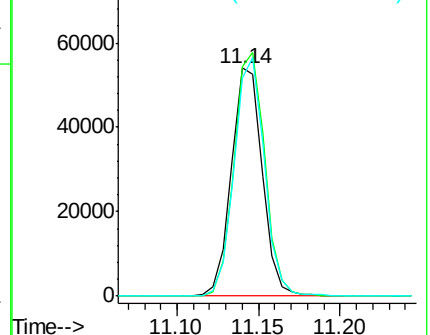
176 102.1 69.3 103.9

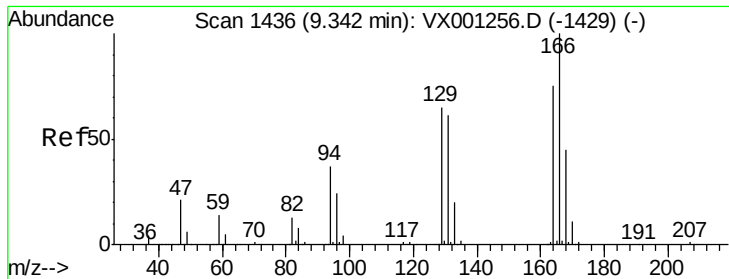


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 22.35 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

Tgt Ion:164 Resp: 51294

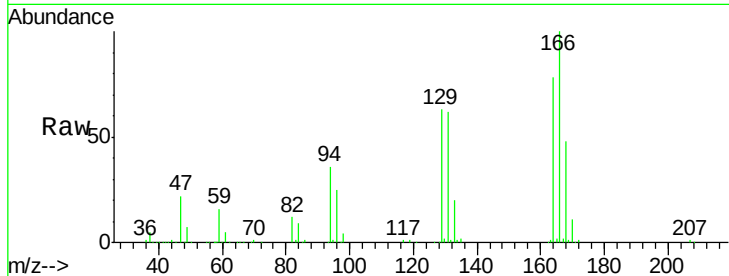
Ion Ratio Lower Upper

164 100

166 127.6 99.0 148.4

129 80.5 77.0 115.6

131 78.7 75.8 113.6

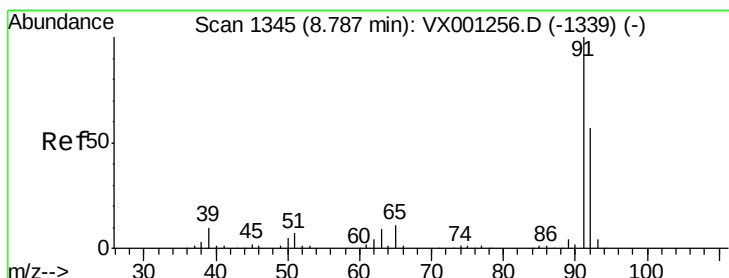
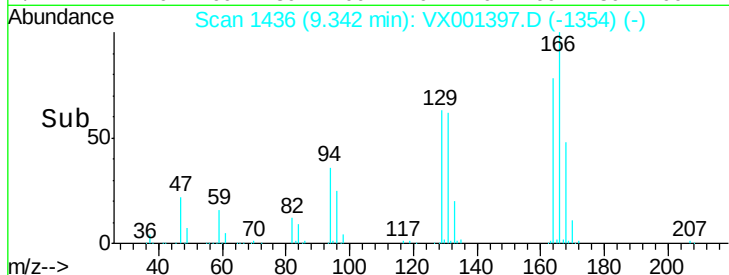
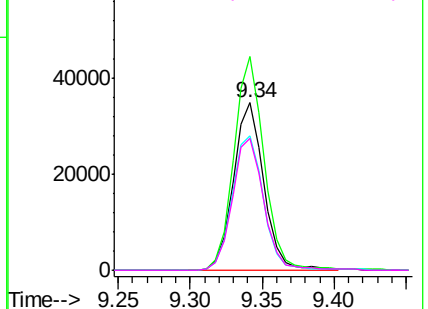


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.23 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001397.D

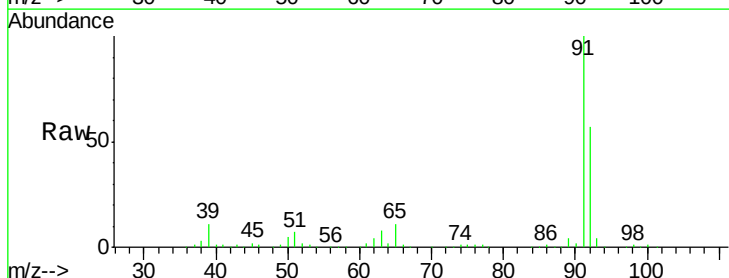
Acq: 04 May 2018 15:00

Tgt Ion: 91 Resp: 146694

Ion Ratio Lower Upper

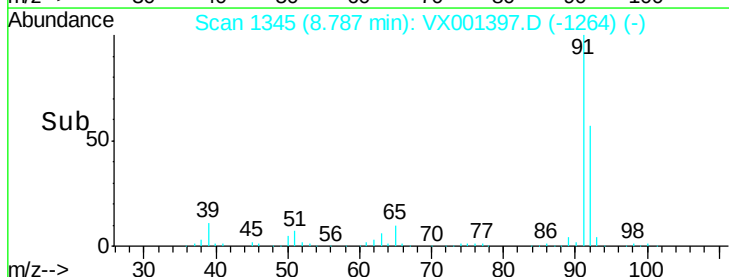
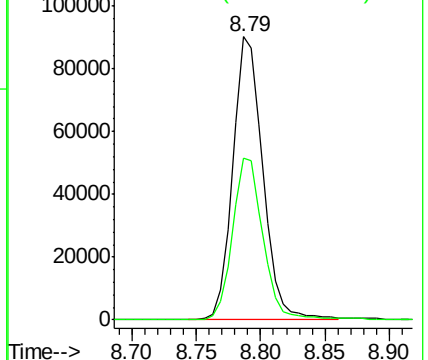
91 100

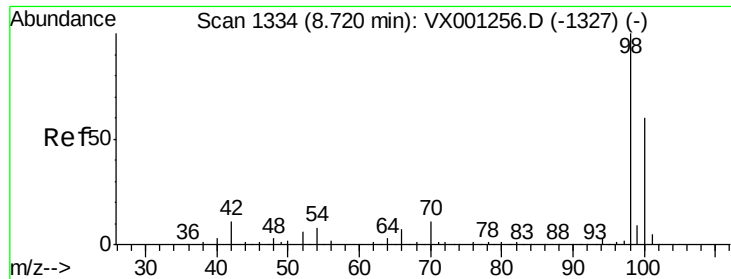
92 58.3 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

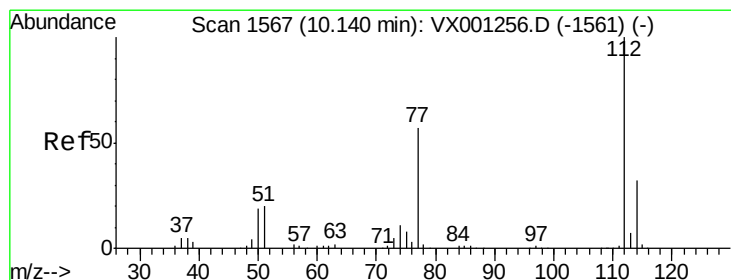
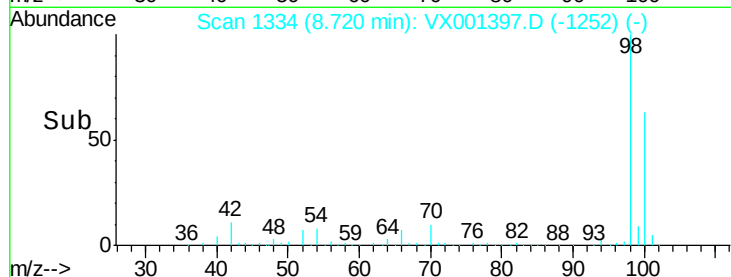
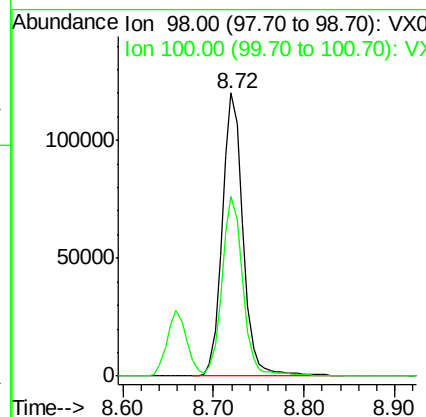
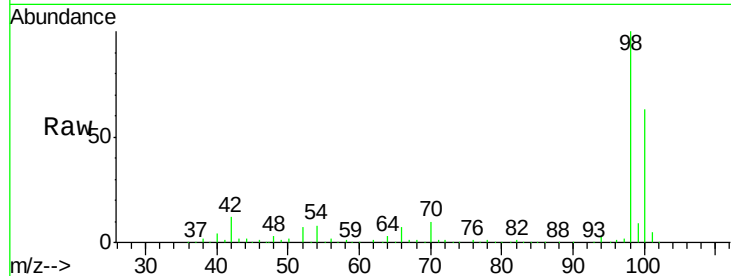




#63
Toluene-d8
Concen: 29.84 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

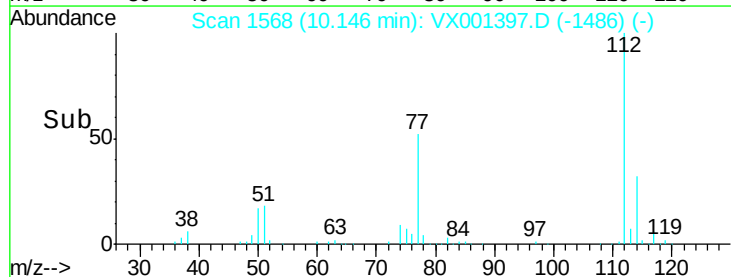
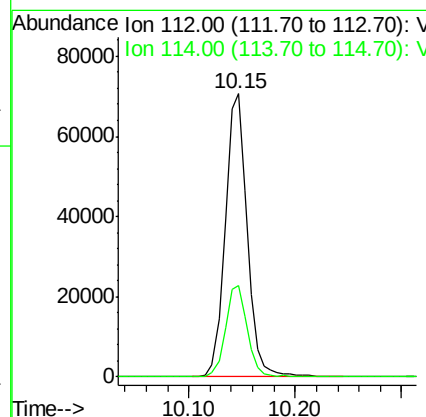
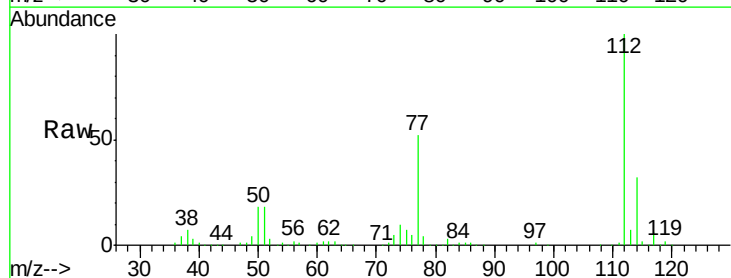
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

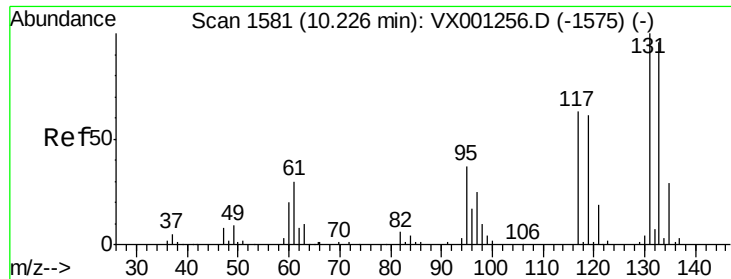
Tgt Ion: 98 Resp: 191647
Ion Ratio Lower Upper
98 100
100 62.0 50.0 75.0



#64
Chlorobenzene
Concen: 18.68 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 112 Resp: 101433
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.72 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

VX0504WBSD01

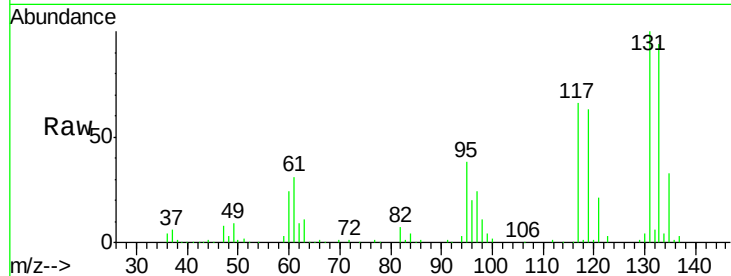
Tgt Ion:131 Resp: 37107

Ion Ratio Lower Upper

131 100

133 94.7 0.0 187.6

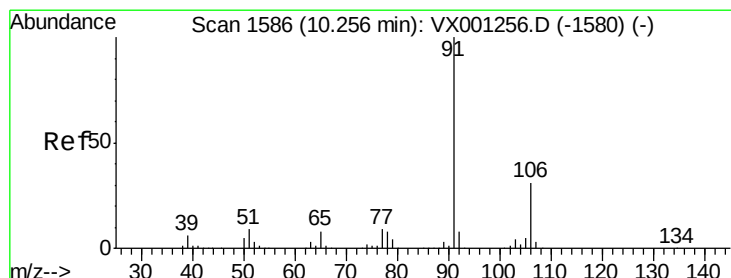
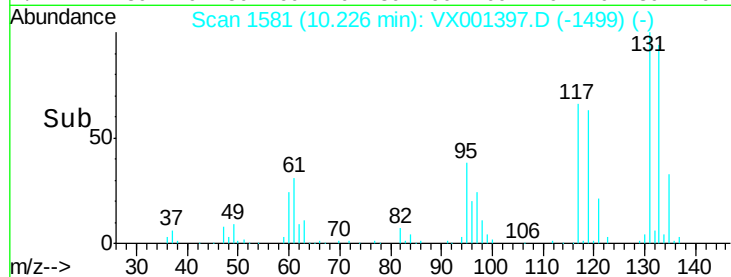
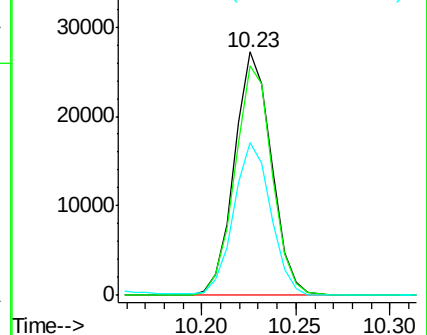
119 62.8 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.19 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001397.D

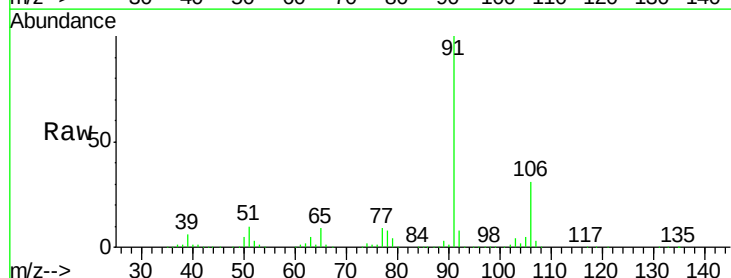
Acq: 04 May 2018 15:00

Tgt Ion: 91 Resp: 163399

Ion Ratio Lower Upper

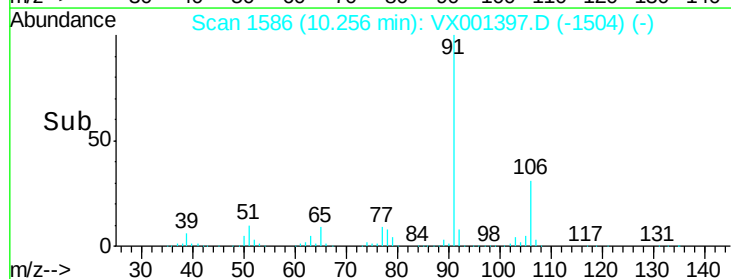
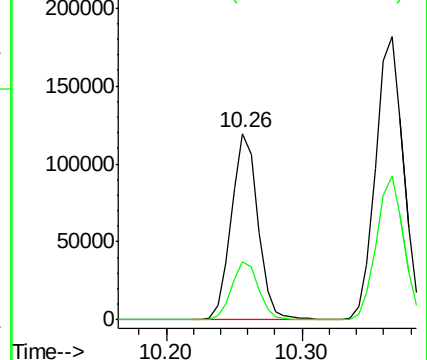
91 100

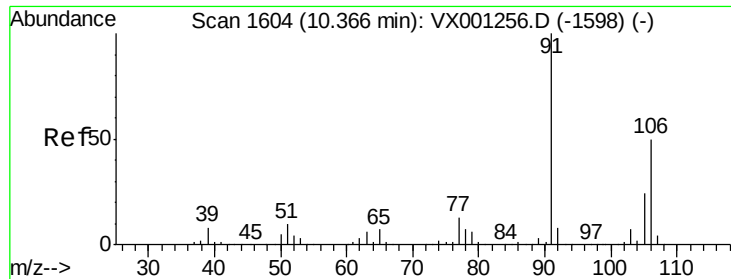
106 30.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.07 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

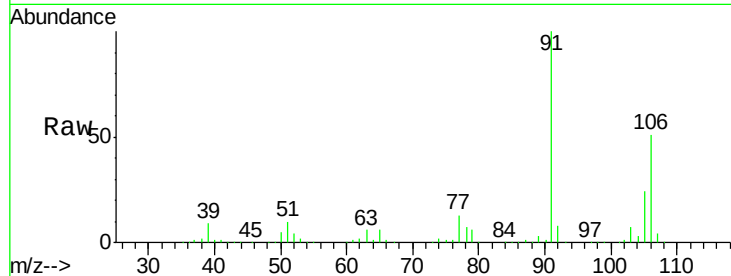
VX0504WBSD01

Tgt Ion:106 Resp: 128726

Ion Ratio Lower Upper

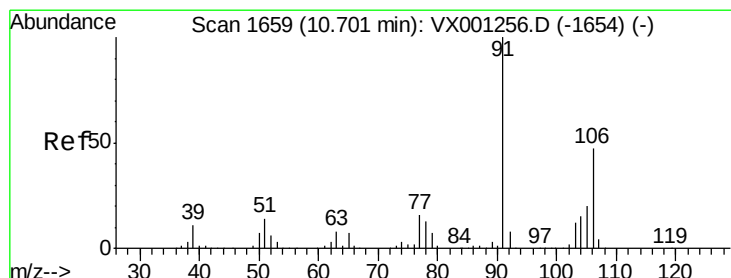
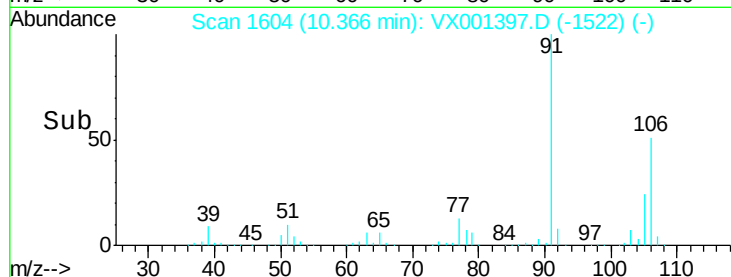
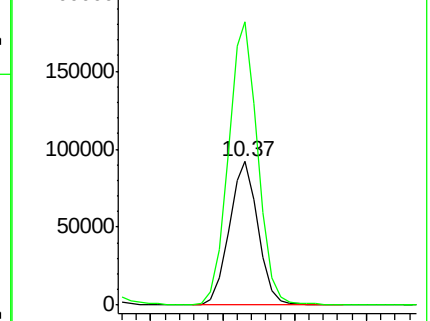
106 100

91 201.6 161.6 242.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.22 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001397.D

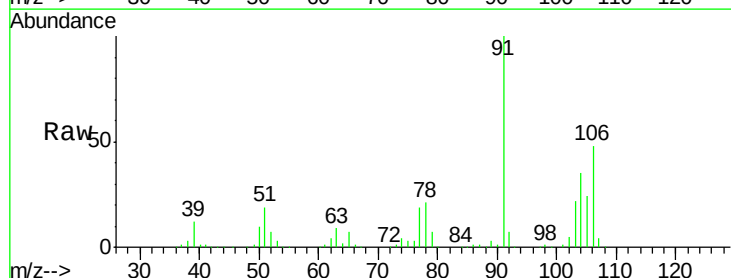
Acq: 04 May 2018 15:00

Tgt Ion:106 Resp: 62852

Ion Ratio Lower Upper

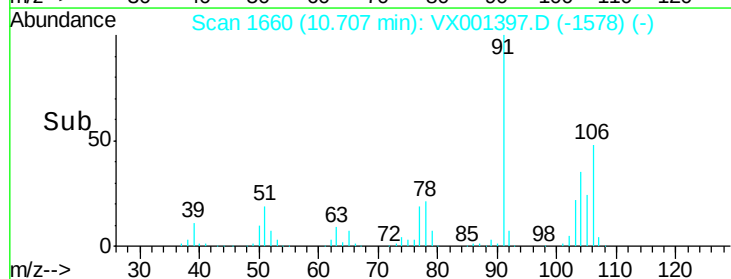
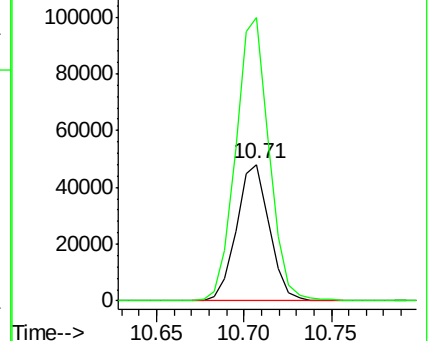
106 100

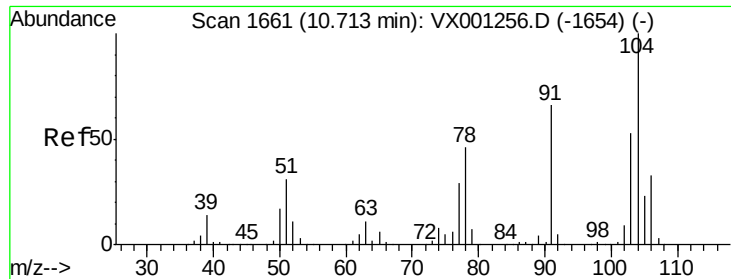
91 210.2 105.6 316.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

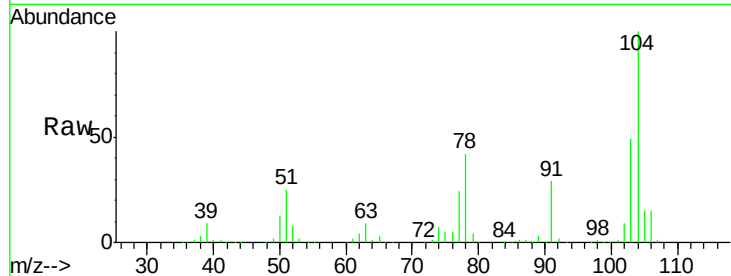




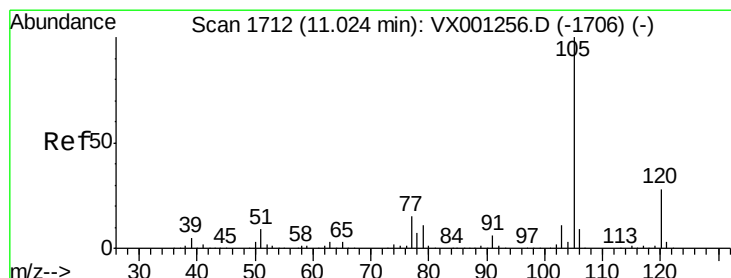
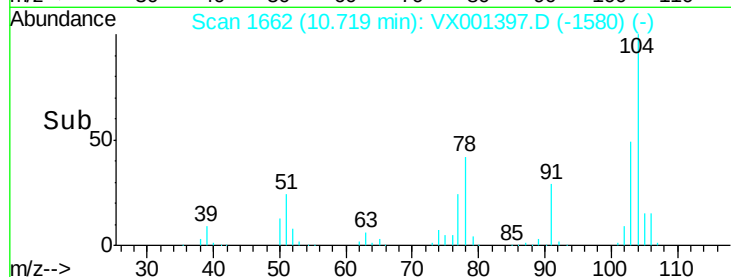
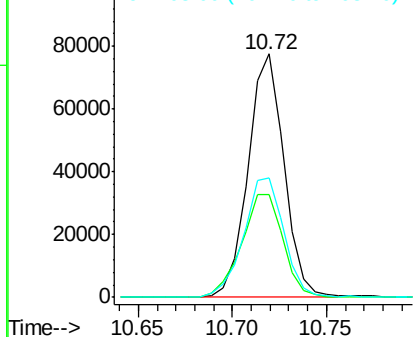
#69
Styrene
Concen: 17.87 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampled :
VX0504WBSD01

Tgt Ion:104 Resp: 102594
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 55.2 44.7 67.1

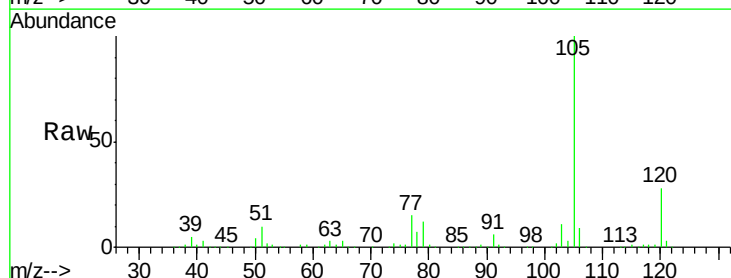


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

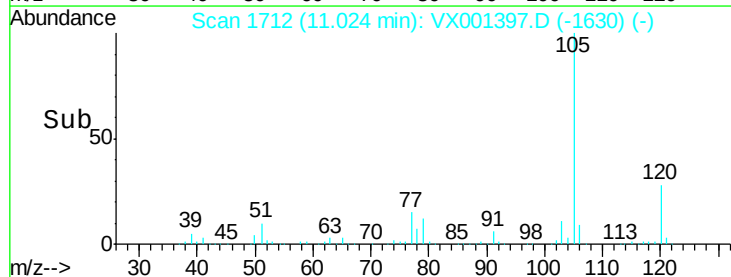
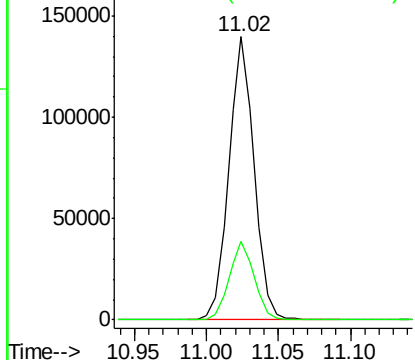


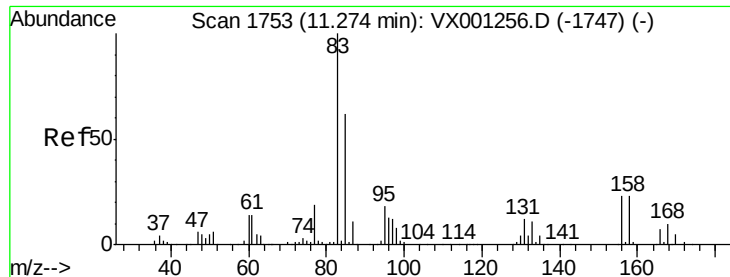
#70
Isopropylbenzene
Concen: 18.34 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion:105 Resp: 171770
Ion Ratio Lower Upper
105 100
120 27.7 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

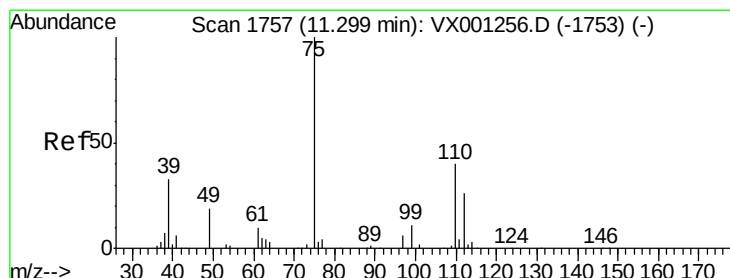
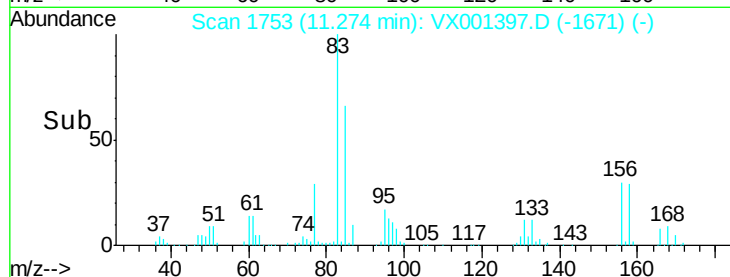
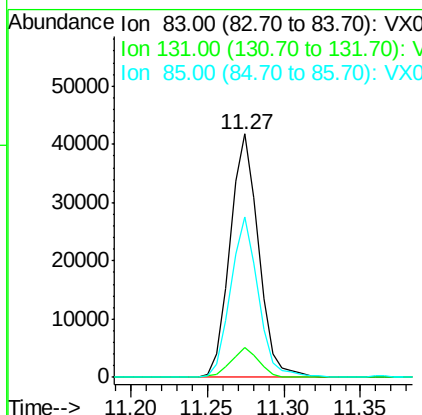
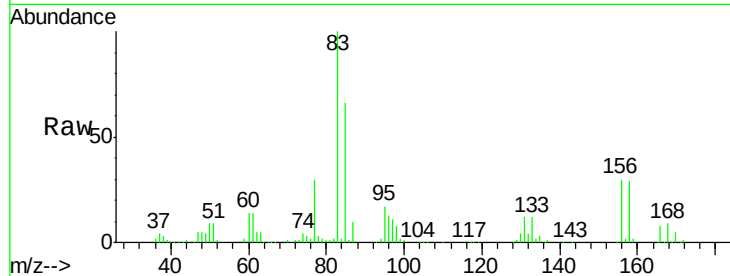




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.69 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

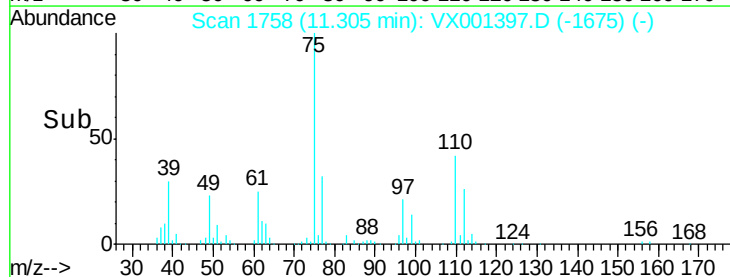
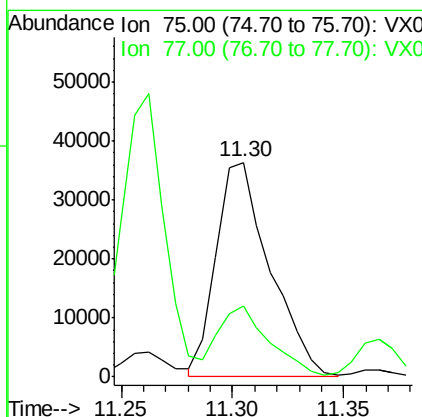
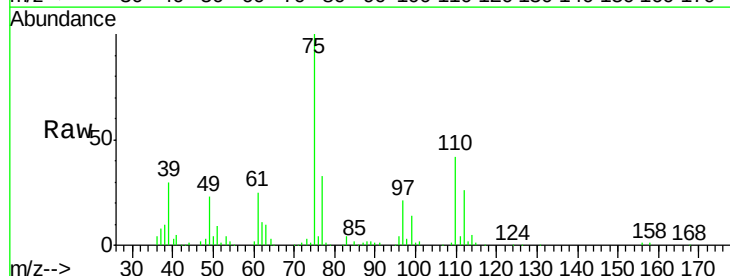
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

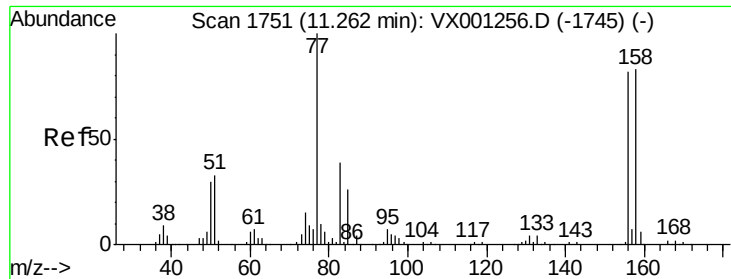
Tgt Ion: 83 Resp: 54101
 Ion Ratio Lower Upper
 83 100
 131 12.0 5.3 16.1
 85 64.1 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 24.85 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 75 Resp: 61091
 Ion Ratio Lower Upper
 75 100
 77 31.1 0.0 85.8





#73

Bromobenzene

Concen: 18.45 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

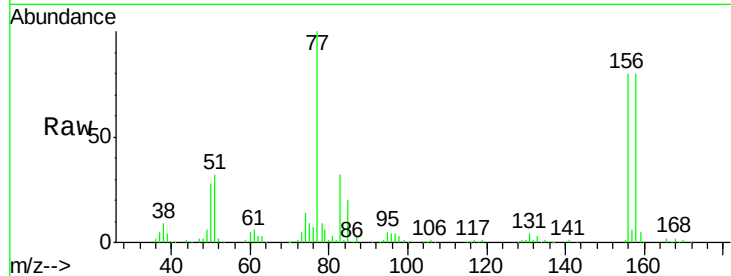
Tgt Ion:156 Resp: 50209

Ion Ratio Lower Upper

156 100

77 128.8 0.0 280.2

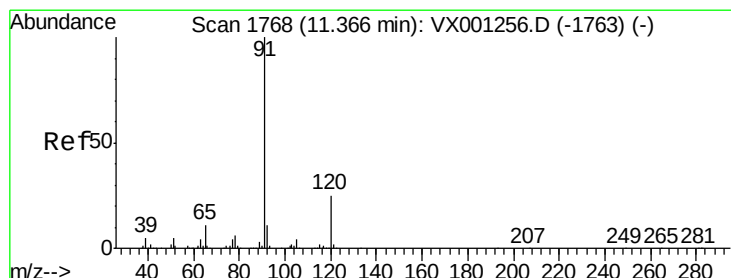
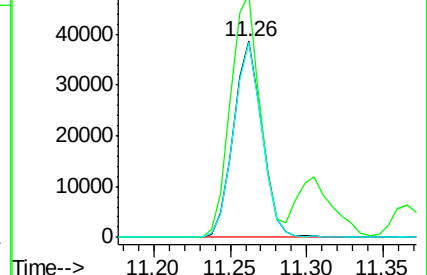
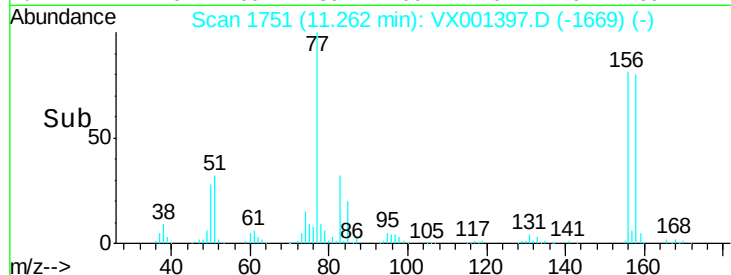
158 98.3 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.51 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001397.D

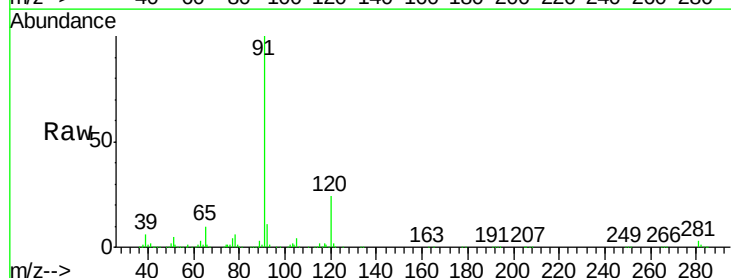
Acq: 04 May 2018 15:00

Tgt Ion: 91 Resp: 195829

Ion Ratio Lower Upper

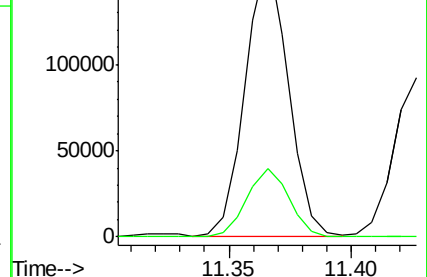
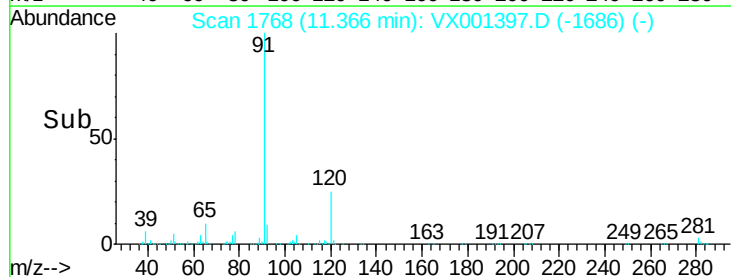
91 100

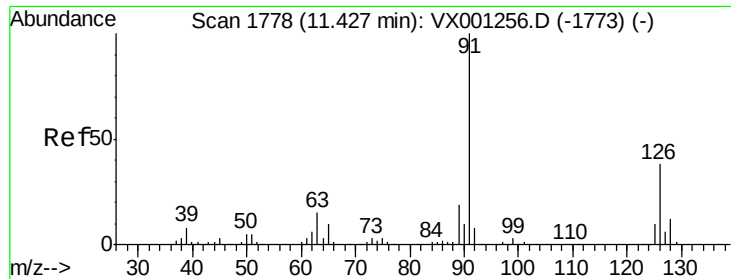
120 24.4 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.21 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

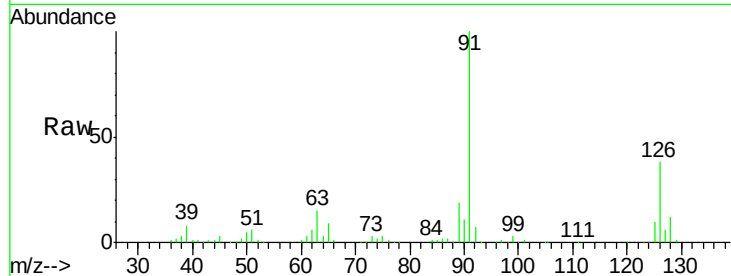
VX0504WBSD01

Tgt Ion: 91 Resp: 116252

Ion Ratio Lower Upper

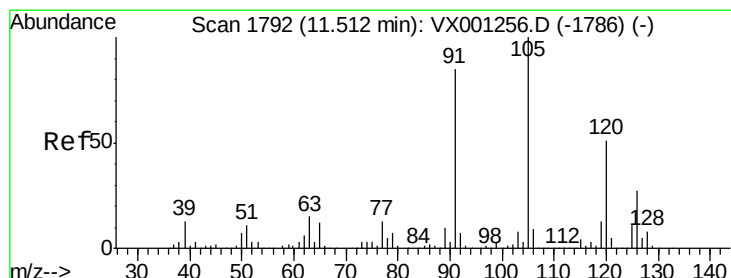
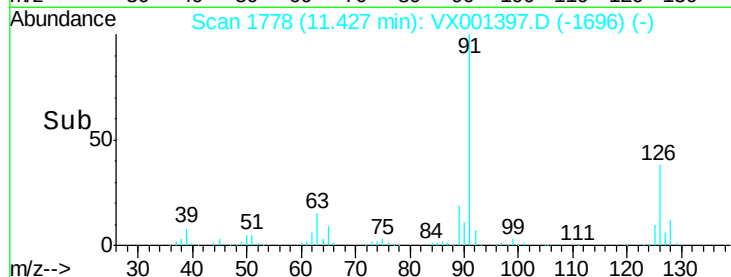
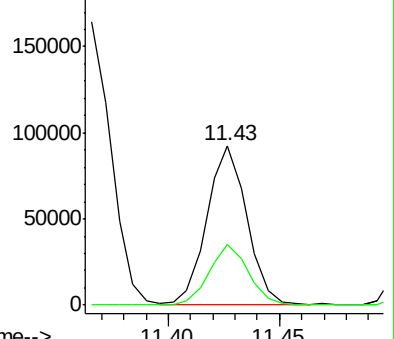
91 100

126 37.0 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001256.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001397.D

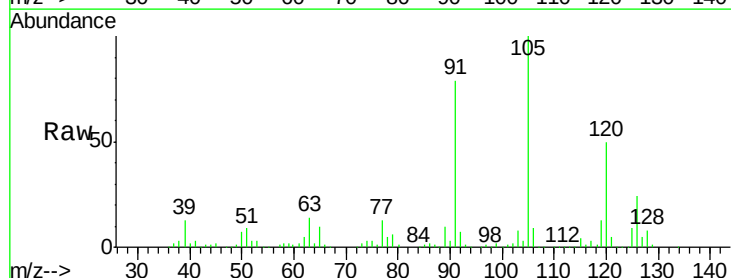
Acq: 04 May 2018 15:00

Tgt Ion: 105 Resp: 147996

Ion Ratio Lower Upper

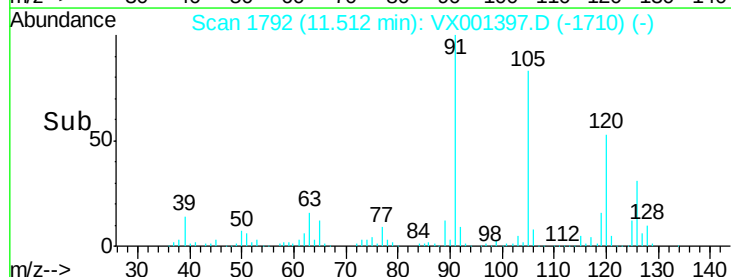
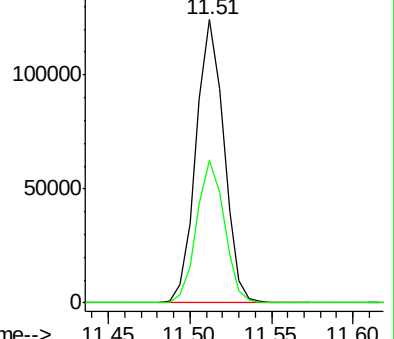
105 100

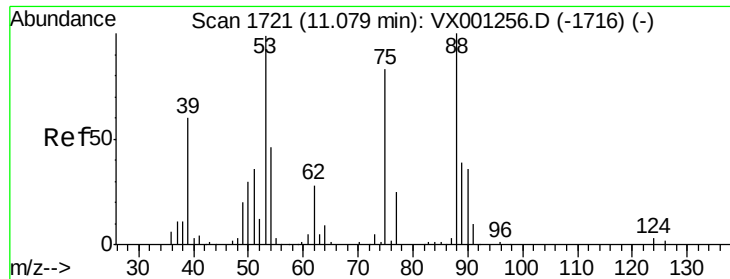
120 50.1 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001256.D (-1786) (-)

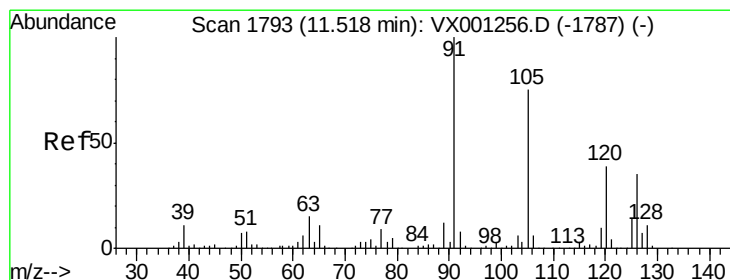
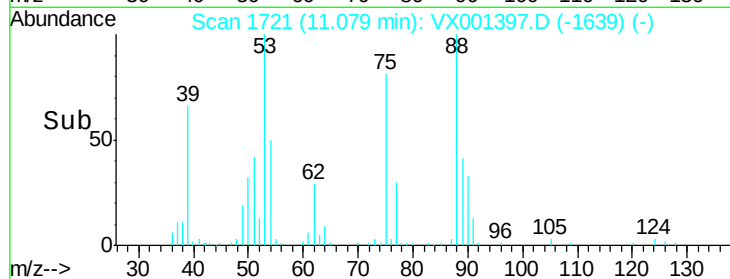
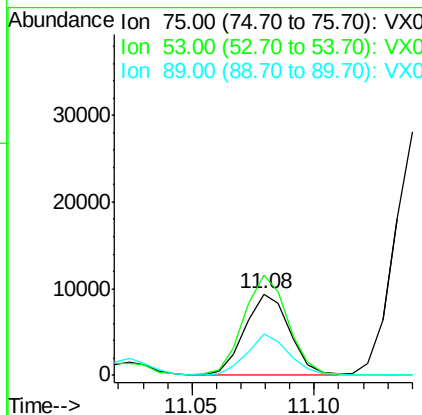
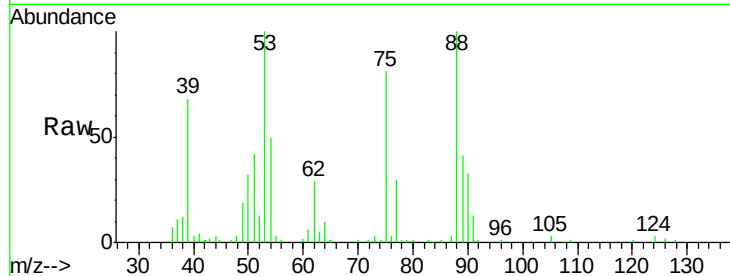




#77
t-1,4-Dichloro-2-butene
Concen: 16.50 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

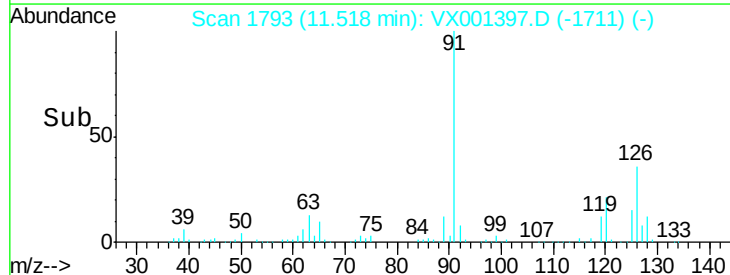
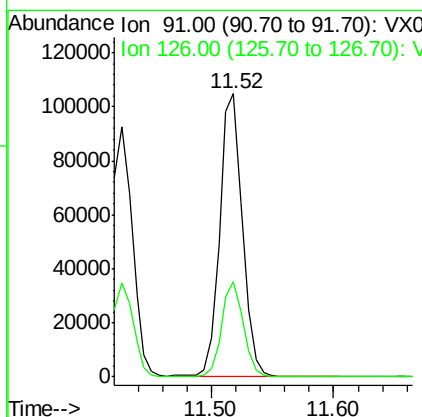
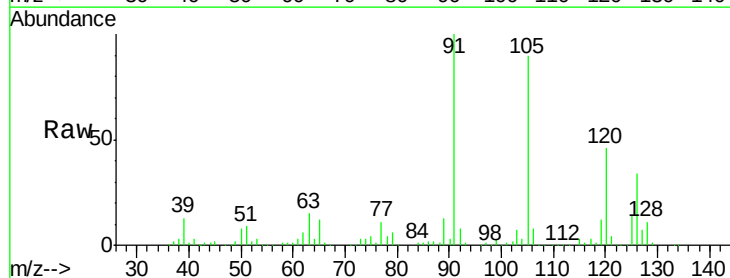
Instrument :
MSVOA_X
ClientSampled :
VX0504WBSD01

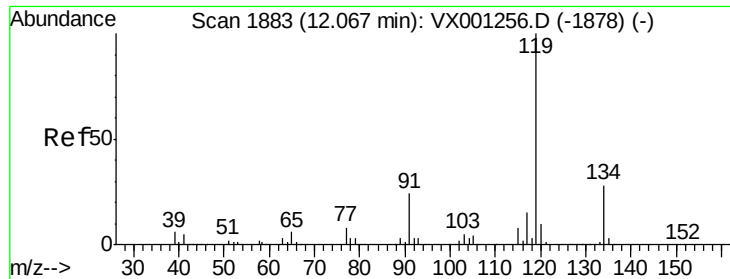
Tgt Ion: 75 Resp: 12066
Ion Ratio Lower Upper
75 100
53 123.1 47.8 143.3
89 49.8 22.3 66.8



#78
4-Chlorotoluene
Concen: 17.73 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 91 Resp: 135049
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.4





#79

tert-butylbenzene

Concen: 18.99 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

VX0504WBSD01

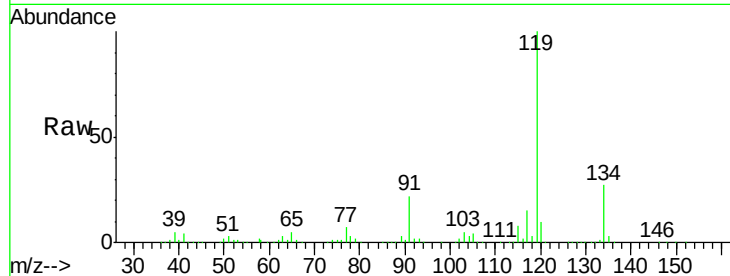
Tgt Ion:119 Resp: 162155

Ion Ratio Lower Upper

119 100

91 23.0 0.0 51.6

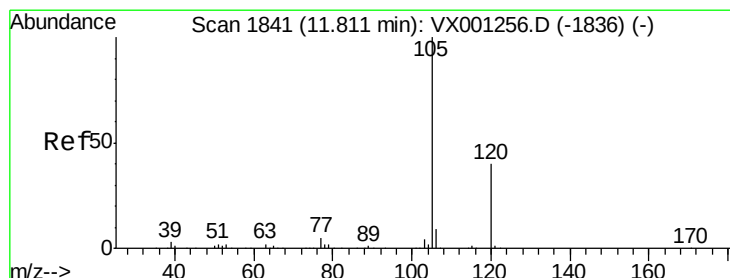
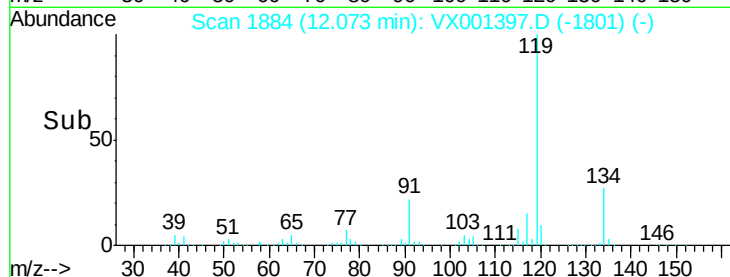
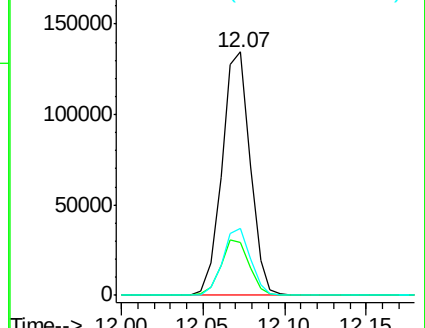
134 27.0 0.0 60.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.47 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001397.D

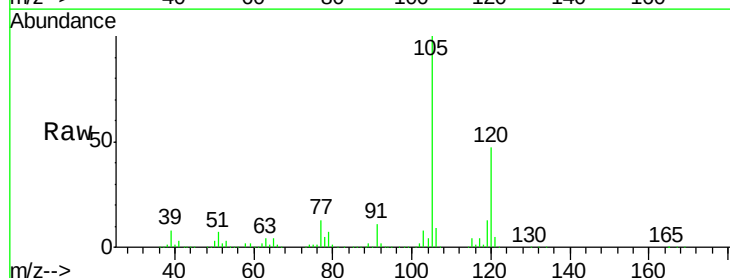
Acq: 04 May 2018 15:00

Tgt Ion:105 Resp: 149998

Ion Ratio Lower Upper

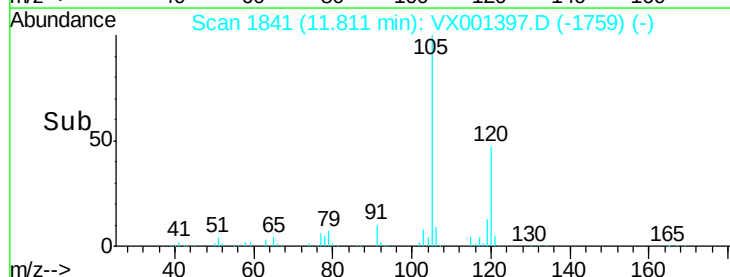
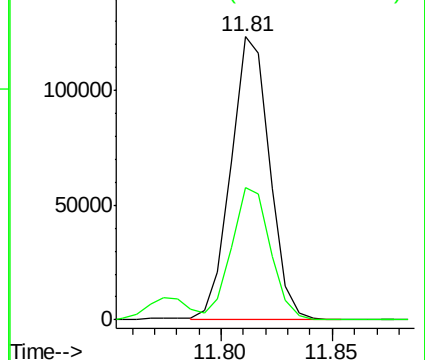
105 100

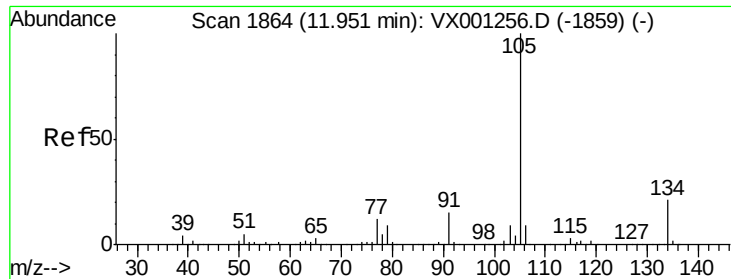
120 46.8 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

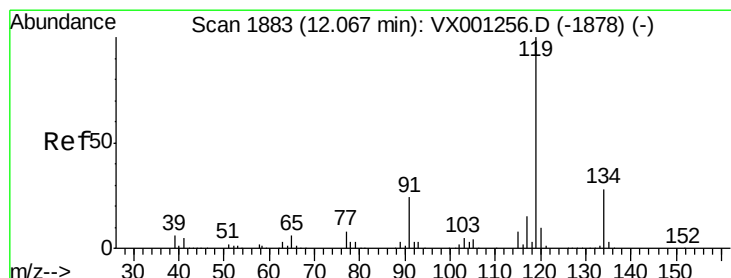
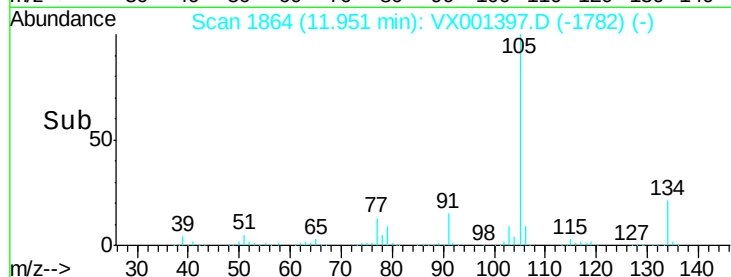
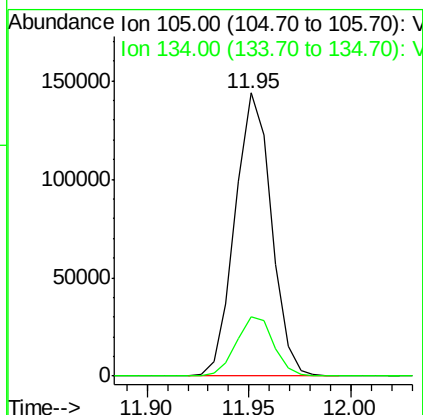
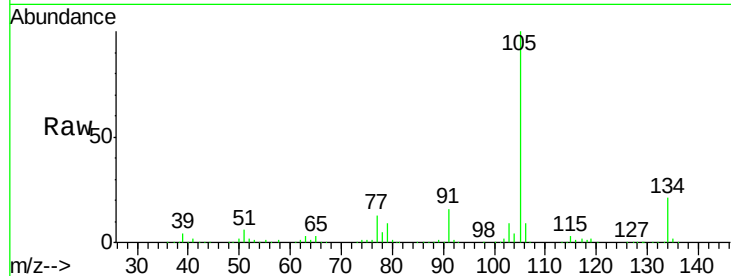




#81
 sec-Butylbenzene
 Concen: 19.18 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

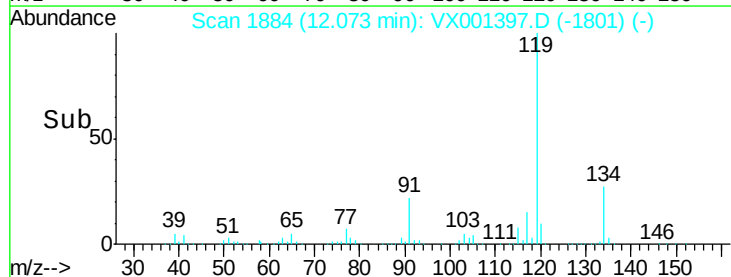
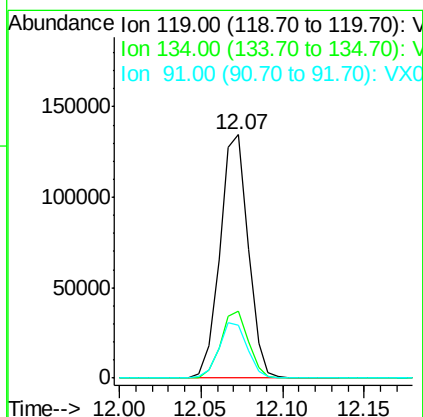
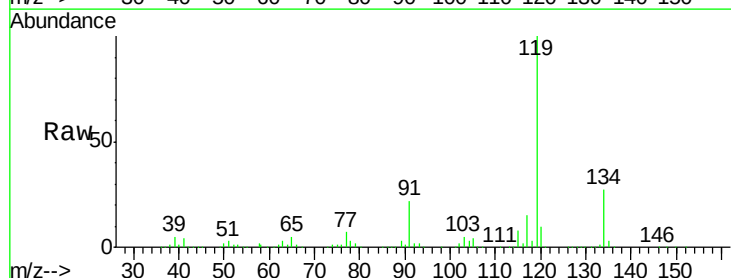
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

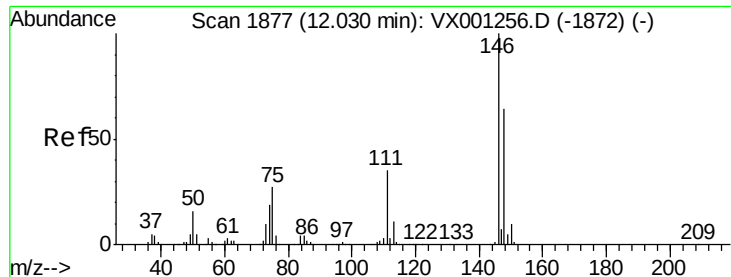
Tgt Ion:105 Resp: 177751
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 18.99 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion:119 Resp: 162155
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.4
 91 23.0 0.0 46.6

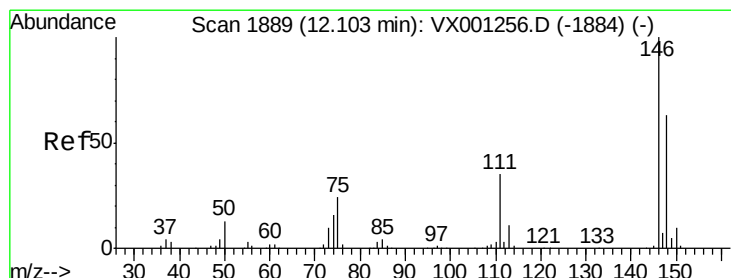
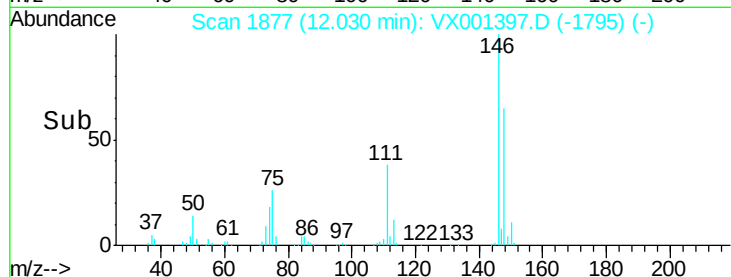
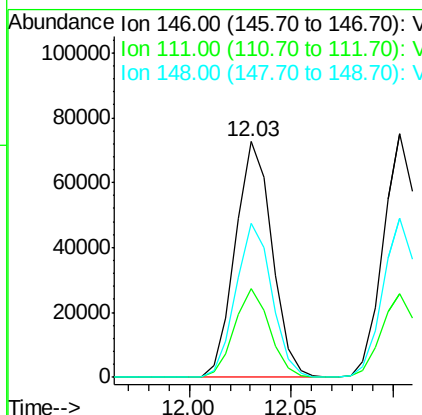
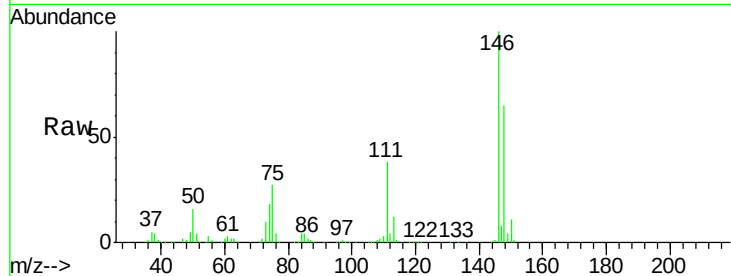




#83
 1,3-Dichlorobenzene
 Concen: 18.22 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

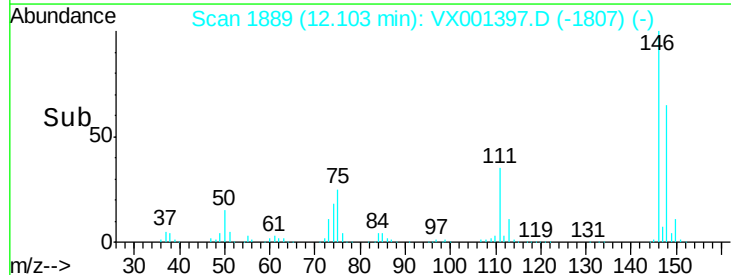
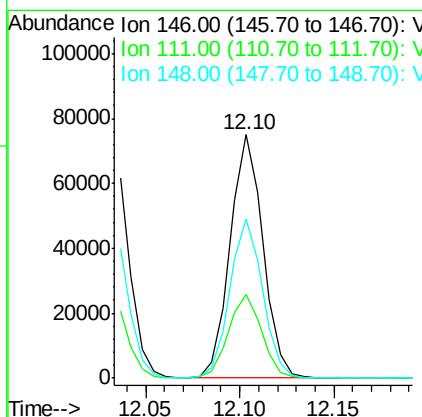
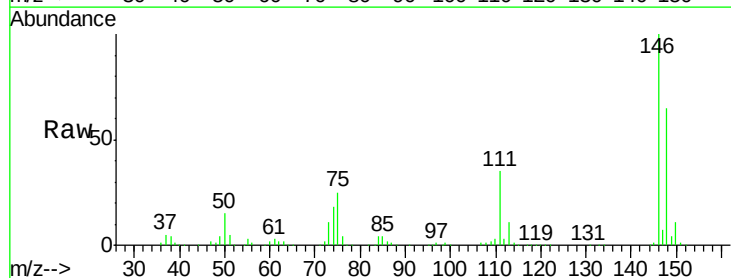
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

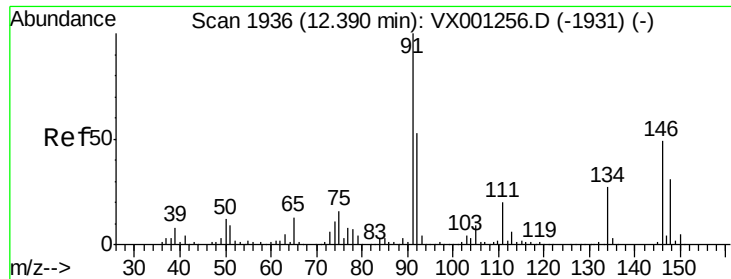
Tgt Ion:146 Resp: 90419
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.4 58.2
 148 64.3 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 17.88 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion:146 Resp: 90472
 Ion Ratio Lower Upper
 146 100
 111 34.9 18.4 55.0
 148 65.5 31.9 95.7

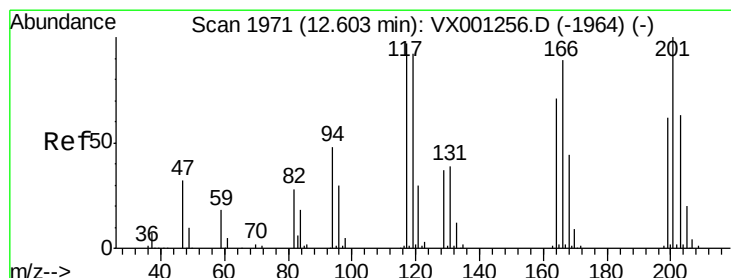
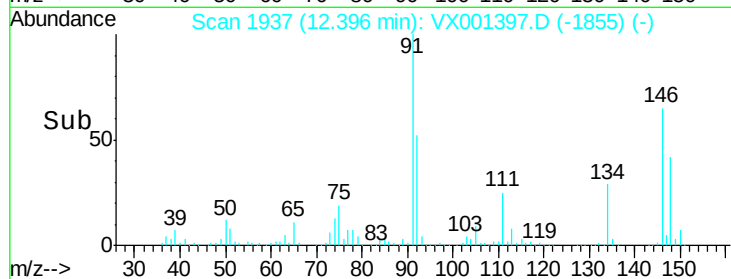
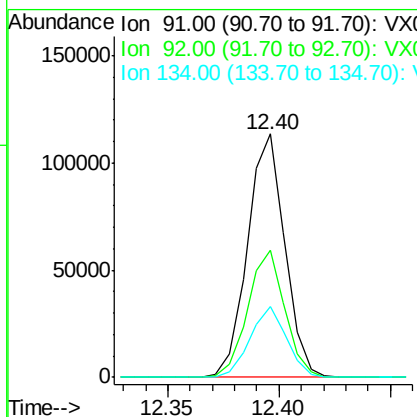
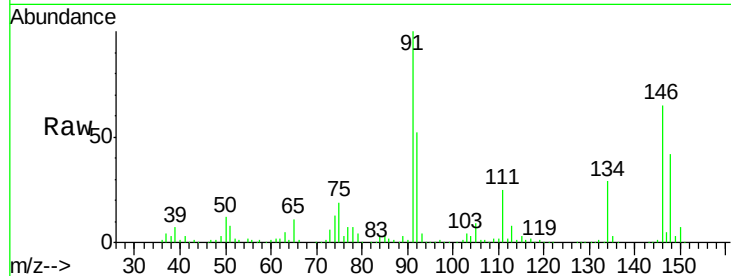




#85
n-Butylbenzene
Concen: 17.96 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

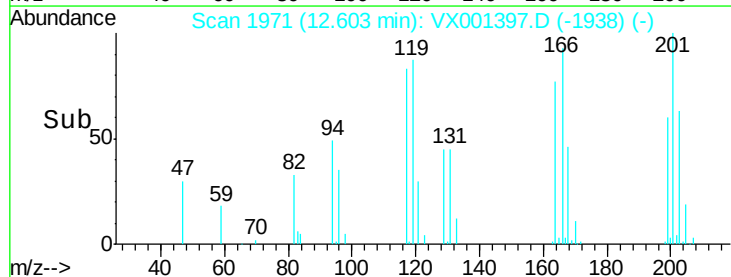
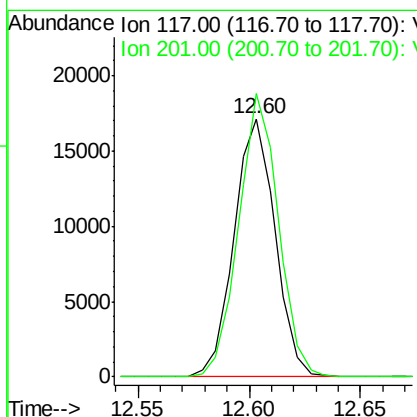
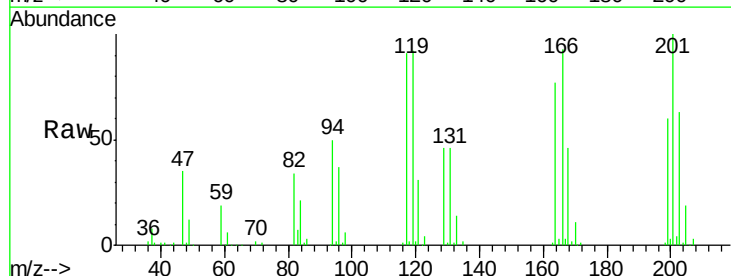
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

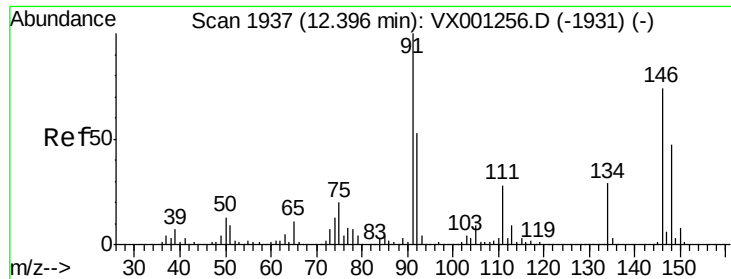
Tgt Ion: 91 Resp: 132654
Ion Ratio Lower Upper
91 100
92 51.8 0.0 102.0
134 28.6 0.0 54.2



#86
Hexachloroethane
Concen: 16.84 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 117 Resp: 21983
Ion Ratio Lower Upper
117 100
201 106.4 38.9 116.6

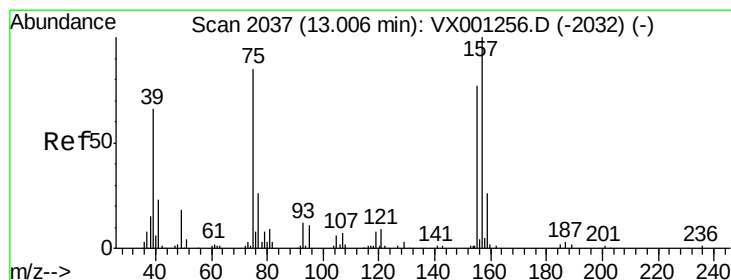
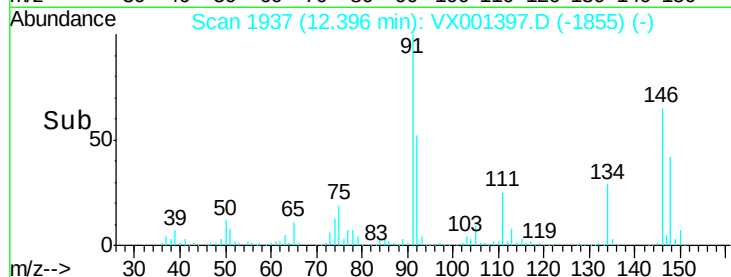
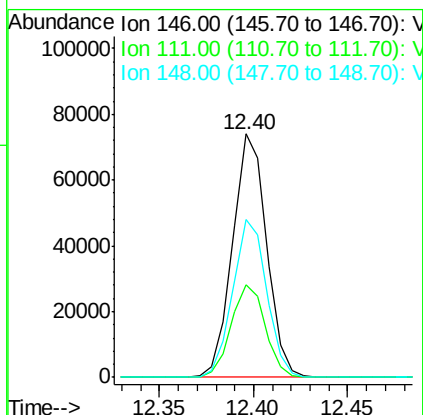
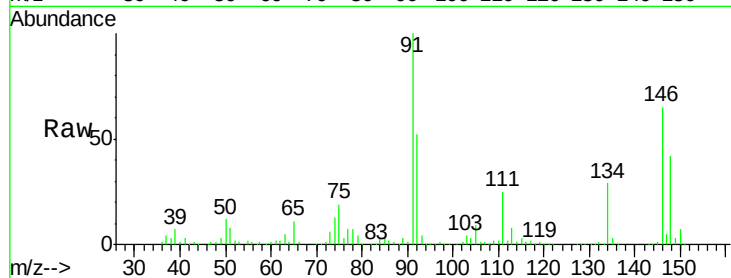




#87
 1,2-Dichlorobenzene
 Concen: 18.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

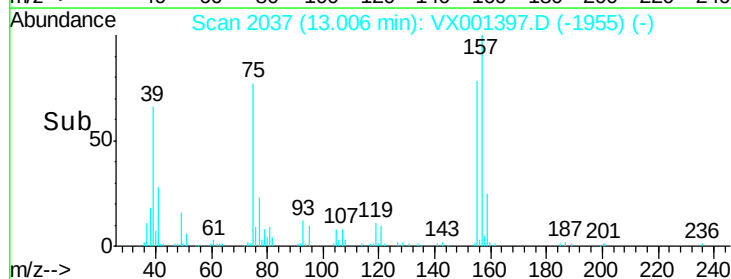
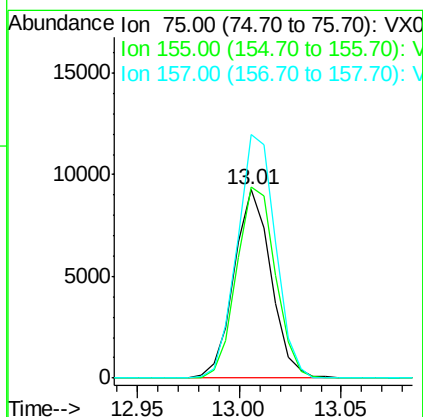
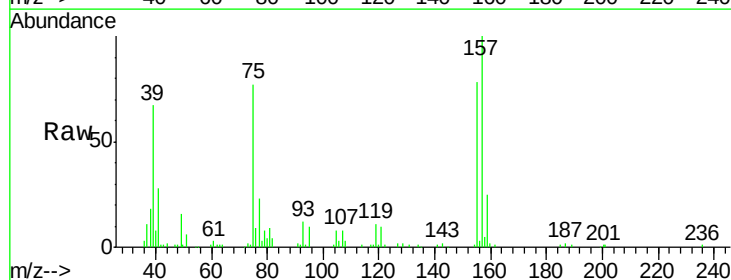
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

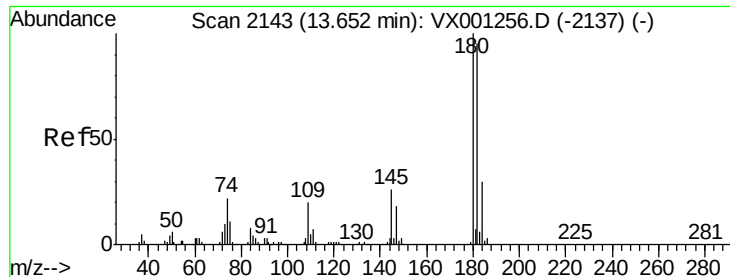
Tgt Ion: 146 Resp: 92773
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.0 60.0
 148 64.7 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 75 Resp: 11674
 Ion Ratio Lower Upper
 75 100
 155 106.0 75.1 112.7
 157 133.8 99.0 148.4

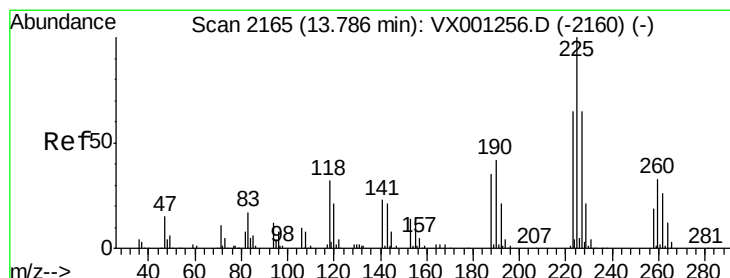
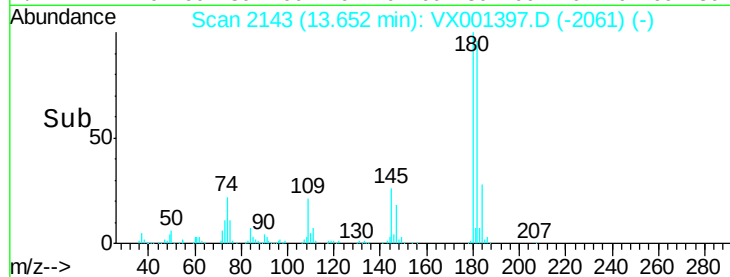
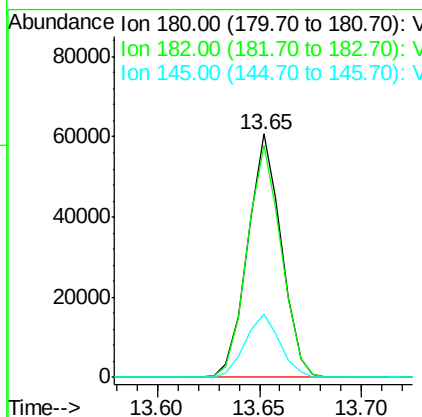
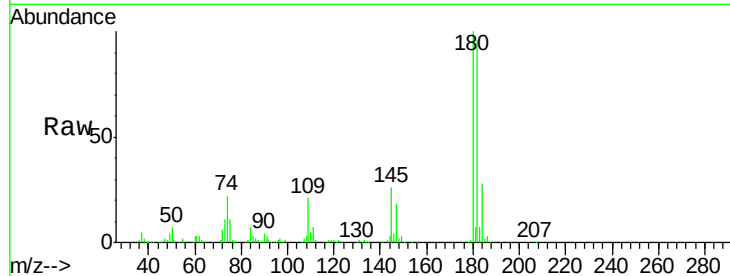




#89
 1,2,4-Trichlorobenzene
 Concen: 18.63 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

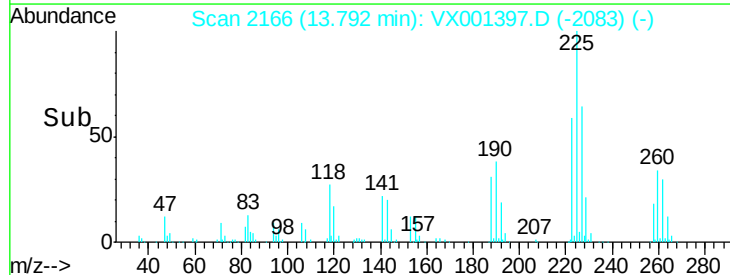
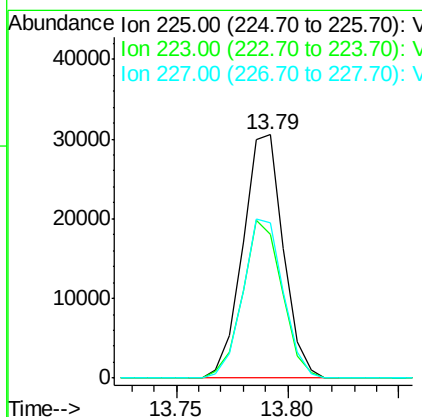
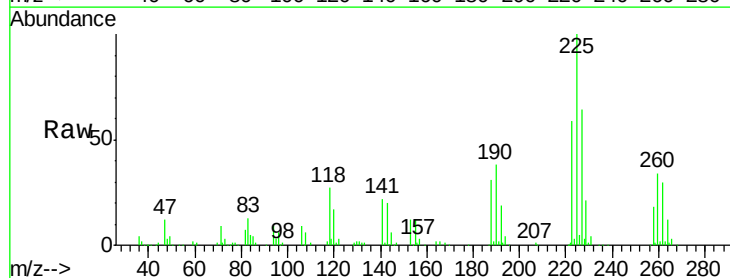
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

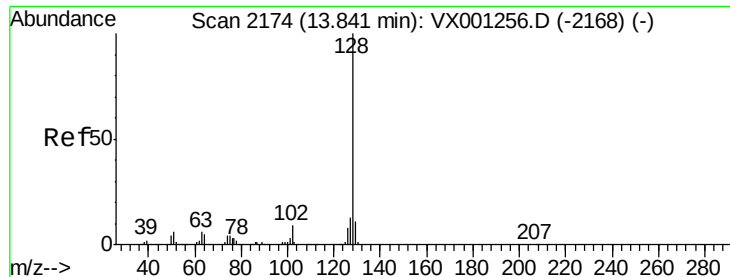
Tgt Ion:180 Resp: 69672
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.3 114.5
 145 26.8 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 22.35 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion:225 Resp: 38792
 Ion Ratio Lower Upper
 225 100
 223 63.1 0.0 131.2
 227 64.9 0.0 127.6

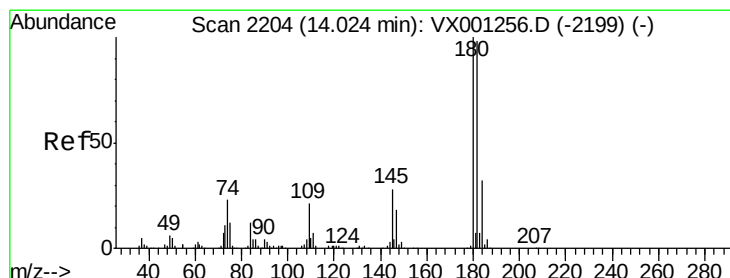
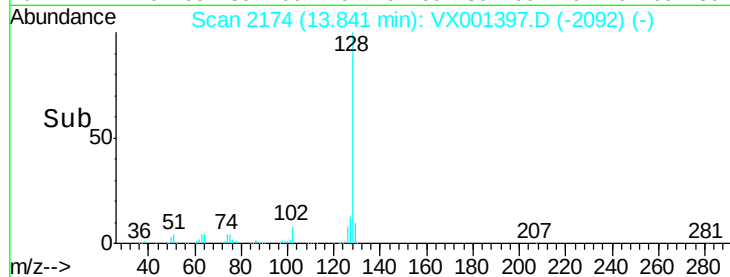
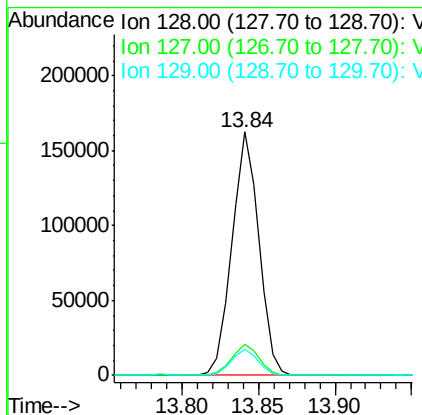
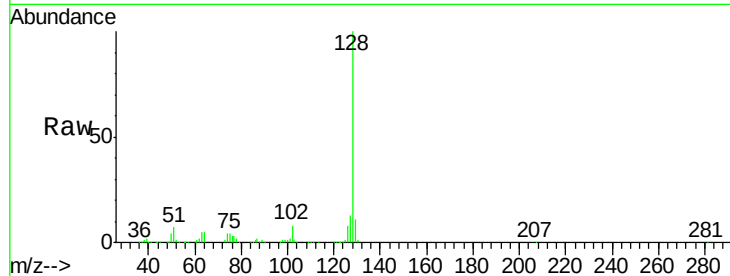




#91
Naphthalene
Concen: 20.37 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tgt Ion:128 Resp: 197587
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 19.64 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion:180 Resp: 72488
Ion Ratio Lower Upper
180 100
182 96.5 0.0 188.6
145 28.4 0.0 65.8

