

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001257.D
 Acq On : 30 Apr 2018 11:27
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Apr 30 13:04:44 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Apr 30 12:56:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	38663	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	216110	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	203982	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	84606	28.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.23%
60) 4-Bromofluorobenzene	11.14	95	103142	30.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.03%
63) Toluene-d8	8.72	98	259622	29.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	132433	55.194	ug/l 97
3) Chloromethane	1.32	50	118056	49.089	ug/l 98
4) Vinyl Chloride	1.41	62	124592	43.542	ug/l 99
5) Bromomethane	1.64	94	92815	35.198	ug/l 99
6) Chloroethane	1.73	64	76527	41.780	ug/l 100
7) Trichlorofluoromethane	1.93	101	206960	41.751	ug/l 99
8) Diethyl Ether	2.19	74	70483	40.717	ug/l 88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115230	42.606	ug/l 92
10) 1,1-Dichloroethene	2.38	96	105445	40.815	ug/l 91
11) Methyl Iodide	2.51	142	135356	53.906	ug/l 95
12) Methyl Acetate	2.78	43	142066	30.775	ug/l 97
13) Acrolein	2.29	56	85030	153.060	ug/l 99
14) Acrylonitrile	3.15	53	284126	142.035	ug/l 100
15) Acetone	2.45	58	87292	133.846	ug/l 90
16) Carbon Disulfide	2.57	76	281597	38.112	ug/l 97
17) Allyl chloride	2.73	41	190992	43.364	ug/l 97
18) Methylene Chloride	2.86	84	113750	40.406	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	112783	40.126	ug/l 94
20) Diisopropyl ether	3.88	45	365035	52.488	ug/l 96
21) 1,1-Dichloroethane	3.70	63	200072	43.647	ug/l 100
22) cis-1,2-Dichloroethene	4.60	96	126360	48.387	ug/l 98
23) tert-Butyl Alcohol	3.07	59	120119	105.052	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	360547	40.504	ug/l 94
25) Chloroform	5.22	83	215082	47.322	ug/l 99
26) Cyclohexane	5.59	56	180070	50.100	ug/l # 94
29) 1,1-Dichloropropene	5.81	75	159598	50.711	ug/l 100
30) 2-Butanone	4.71	43	415947	171.699	ug/l 97
31) 2,2-Dichloropropane	4.59	77	170759	50.443	ug/l 100
32) 1,1,1-Trichloroethane	5.50	97	192461	50.541	ug/l 98
33) Carbon Tetrachloride	5.79	117	173467	51.299	ug/l 96
34) Benzene	6.15	78	470557	51.960	ug/l 95
35) Methacrylonitrile	5.07	41	90750	40.686	ug/l 94
36) 1,2-Dichloroethane	6.20	62	178755	52.052	ug/l 100
37) Trichloroethene	7.22	130	140910	52.641	ug/l 95
38) Methylcyclohexane	7.47	83	186315	49.384	ug/l 96
39) 1,2-Dichloropropane	7.52	63	118634	52.472	ug/l 100
40) Dibromomethane	7.67	93	83679	48.037	ug/l 87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	157972	47.711	ug/l	98
42) Vinyl Acetate	3.83	43	1584941	256.685	ug/l	98
43) Ethyl Acetate	4.87	43	158051	37.143	ug/l	98
44) Isopropyl Acetate	6.47	43	271684	43.516	ug/l	98
45) 1,4-Dioxane	7.76	88	52258	665.536	ug/l	98
46) Methyl methacrylate	7.78	41	142644	46.974	ug/l	91
47) n-amyl Acetate	10.90	43	261486	47.973	ug/l	99
48) t-1,3-Dichloropropene	8.44	75	189946	49.279	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	183196	48.840	ug/l	92
50) 1,1,2-Trichloroethane	9.22	97	124039	48.496	ug/l	100
51) Ethyl methacrylate	9.19	69	178090	45.447	ug/l	91
52) 1,3-Dichloropropane	9.38	76	202566	49.377	ug/l	99
53) Dibromochloromethane	9.59	129	140167	49.255	ug/l	97
54) 1,2-Dibromoethane	9.68	107	134328	47.121	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	434273	253.800	ug/l	100
56) Bromoform	10.86	173	115229	49.998	ug/l #	97
58) 4-Methyl-2-Pentanone	8.65	43	861210	192.754	ug/l	99
59) 2-Hexanone	9.50	43	676968	178.934	ug/l	97
61) Tetrachloroethene	9.34	164	153346	61.913	ug/l	91
62) Toluene	8.79	91	541066	50.981	ug/l	100
64) Chlorobenzene	10.14	112	366219	51.064	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	135064	53.169	ug/l	96
66) Ethyl Benzene	10.26	91	612379	50.551	ug/l	99
67) m/p-Xylenes	10.37	106	488132	102.786	ug/l	99
68) o-Xylene	10.70	106	233708	50.665	ug/l	99
69) Styrene	10.72	104	389591	50.985	ug/l	99
70) Isopropylbenzene	11.02	105	633977	50.844	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	187426	43.684	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	213062	55.362	ug/l	82
73) Bromobenzene	11.26	156	183167	56.031	ug/l	96
74) n-propylbenzene	11.37	91	722686	49.446	ug/l	99
75) 2-Chlorotoluene	11.43	91	433672	51.610	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	545188	51.593	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	51341	37.725	ug/l	90
78) 4-Chlorotoluene	11.52	91	518393	51.495	ug/l	99
79) tert-butylbenzene	12.07	119	592037	56.290	ug/l	94
80) 1,2,4-Trimethylbenzene	11.81	105	561581	52.098	ug/l	99
81) sec-Butylbenzene	11.95	105	633602	48.732	ug/l	99
82) p-Isopropyltoluene	12.07	119	592037	51.042	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	337051	54.154	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	340777	52.536	ug/l	99
85) n-Butylbenzene	12.39	91	509453	46.830	ug/l	98
86) Hexachloroethane	12.60	117	89434	46.159	ug/l	71
87) 1,2-Dichlorobenzene	12.40	146	334218	54.188	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	40602	33.843	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	257131	56.764	ug/l	98
90) Hexachlorobutadiene	13.79	225	119290	61.125	ug/l	97
91) Naphthalene	13.84	128	682328	43.104	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	252426	55.428	ug/l	97

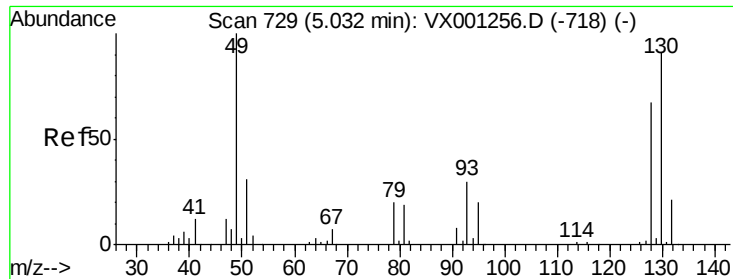
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

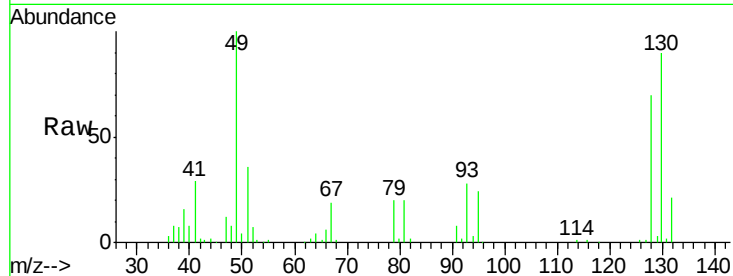
Tot Ion:128 Resp: 38663

Ion Ratio Lower Upper

128 100

49 147.6 0.0 378.3

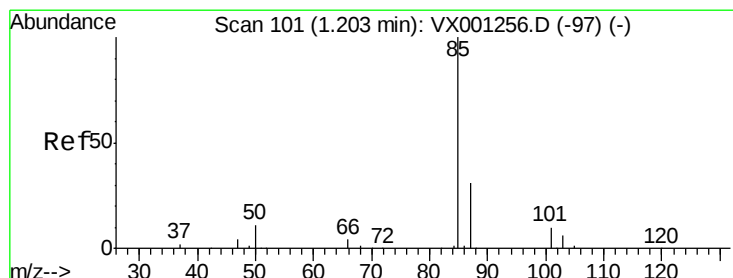
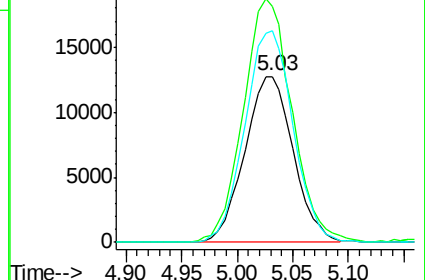
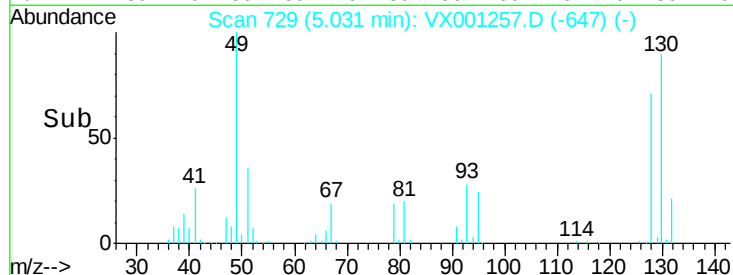
130 127.0 0.0 324.3



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: 55.194 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001257.D

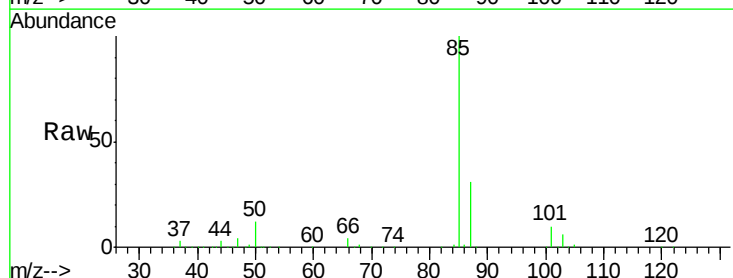
Acq: 30 Apr 2018 11:27

Tgt Ion: 85 Resp: 132433

Ion Ratio Lower Upper

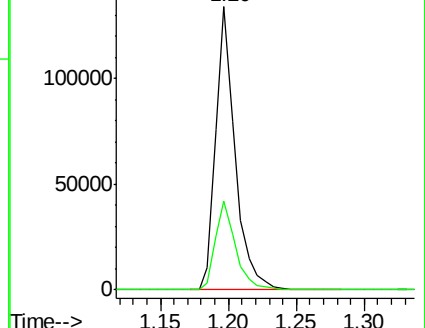
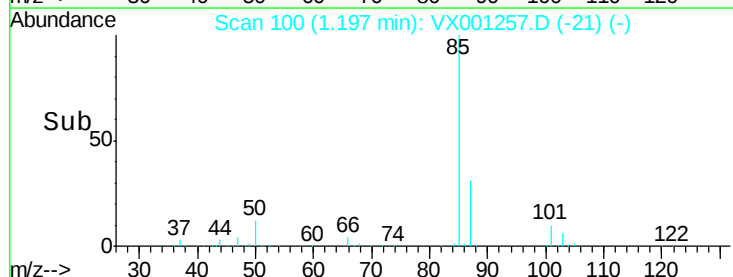
85 100

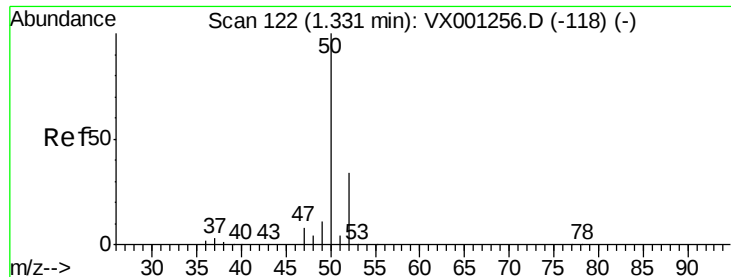
87 31.4 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 49.089 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

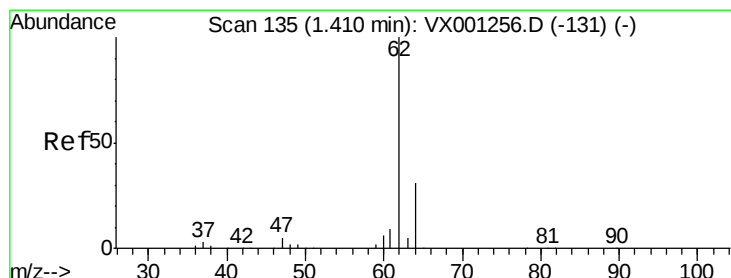
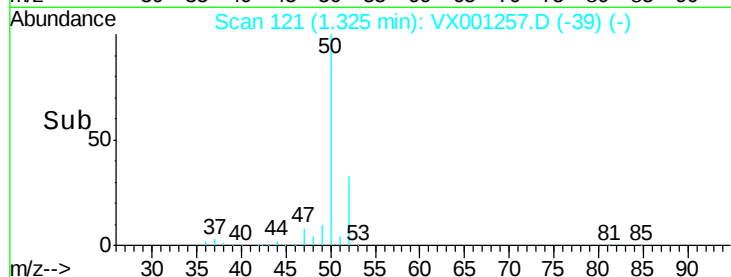
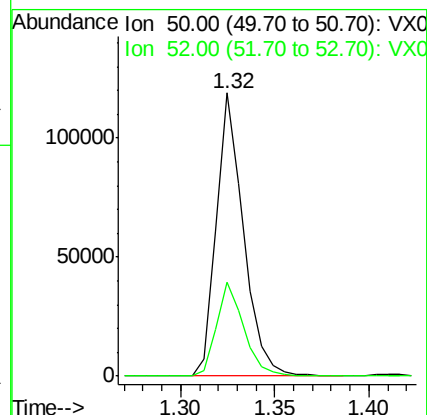
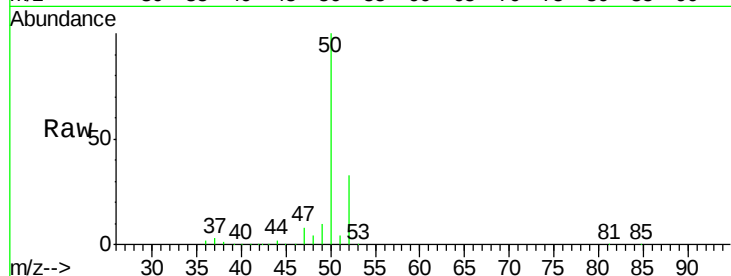
VSTDIC050

Tot Ion: 50 Resp: 118056

Ion Ratio Lower Upper

50 100

52 33.3 27.8 41.6



#4

Vinyl Chloride

Concen: 43.542 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001257.D

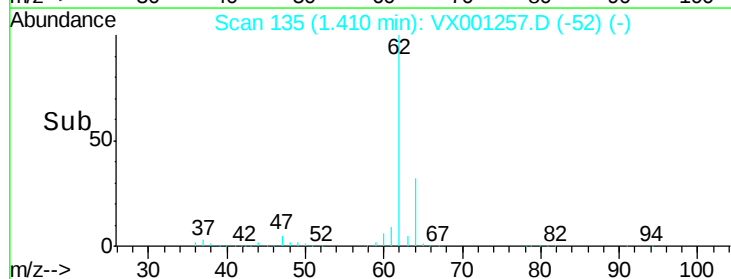
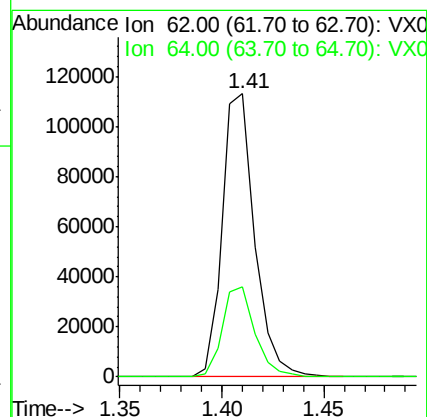
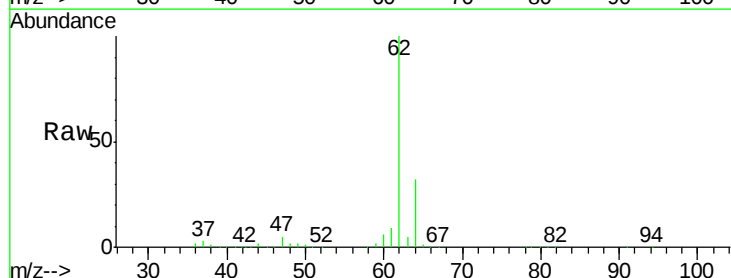
Acq: 30 Apr 2018 11:27

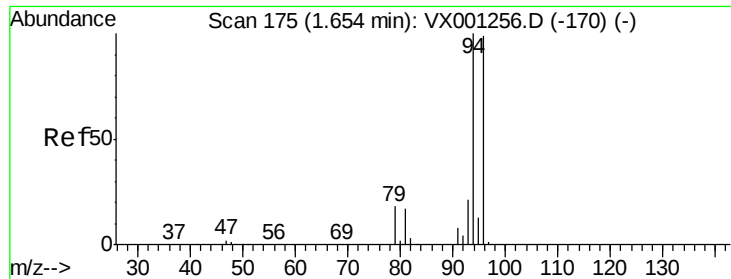
Tgt Ion: 62 Resp: 124592

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 35.198 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

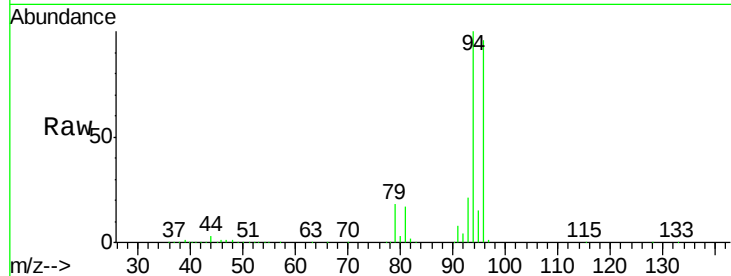
VSTDIC050

Tot Ion: 94 Resp: 92815

Ion Ratio Lower Upper

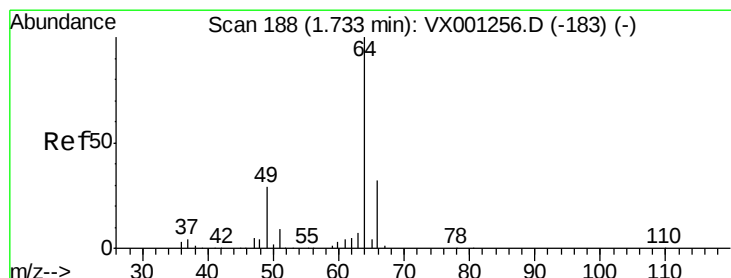
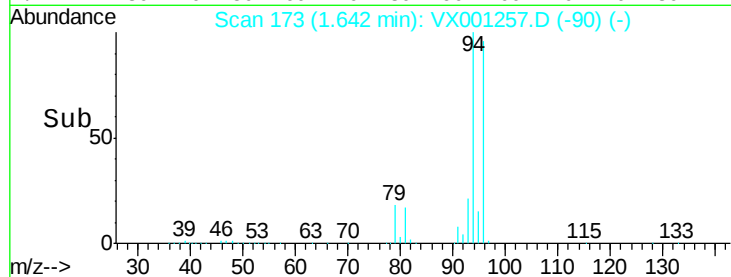
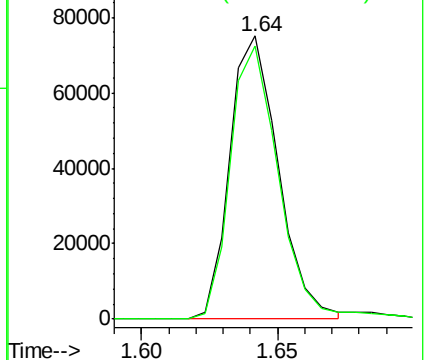
94 100

96 96.5 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: 41.780 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001257.D

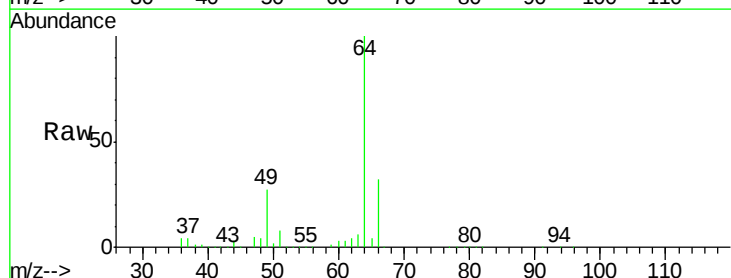
Acq: 30 Apr 2018 11:27

Tgt Ion: 64 Resp: 76527

Ion Ratio Lower Upper

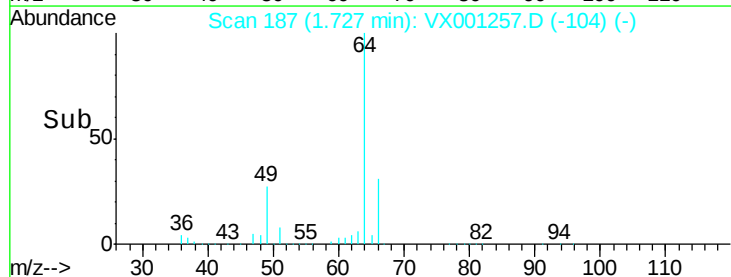
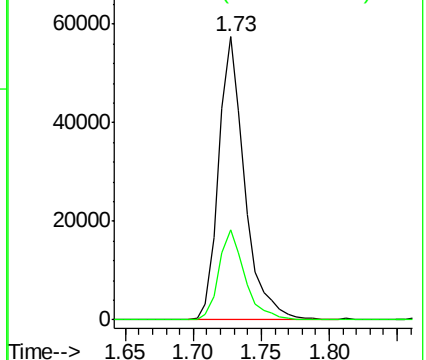
64 100

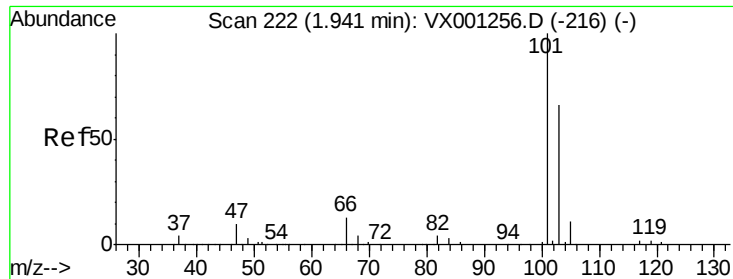
66 31.6 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



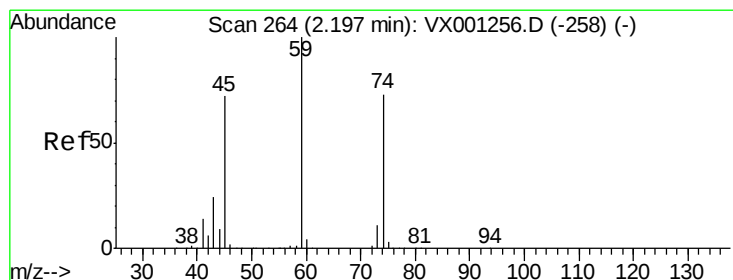
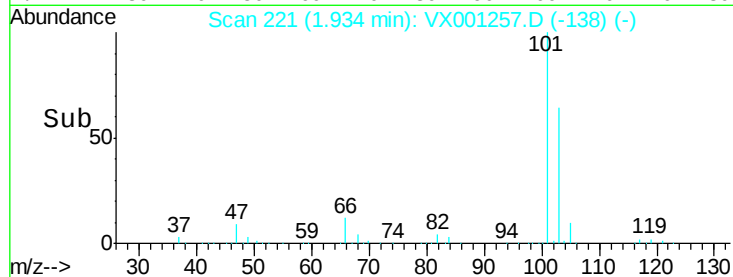
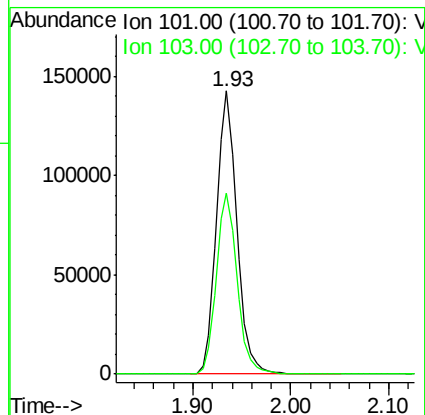
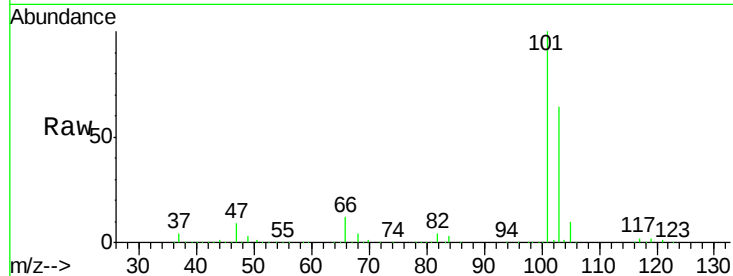


#7

Trichlorofluoromethane
 Concen: 41.751 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Instrument :
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 ClientSampleId :
 VSTDIC050

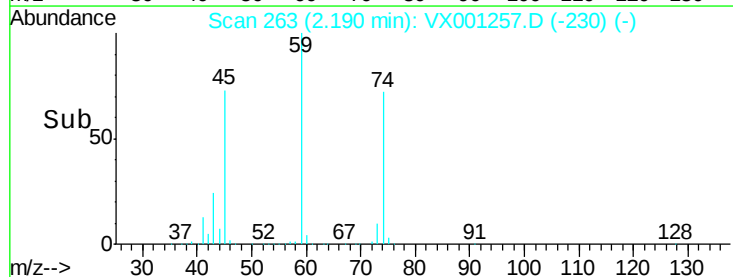
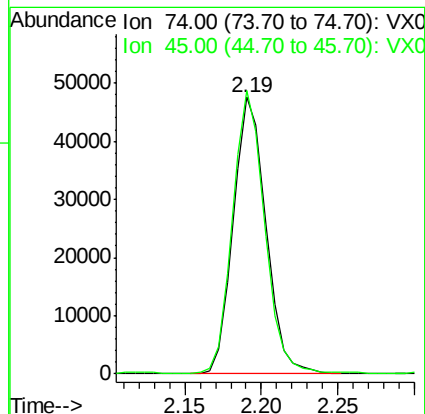
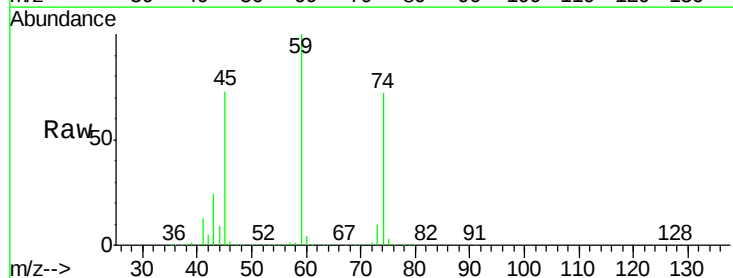
Tot Ion:101 Resp: 206960
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.4

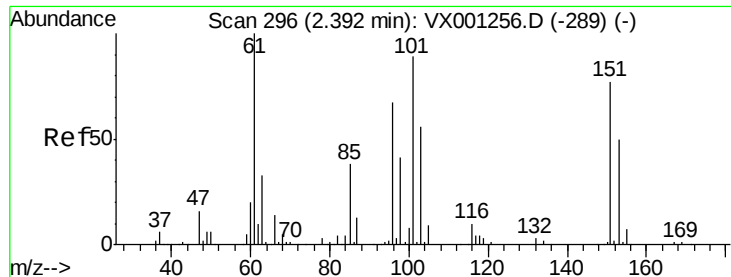


#8

Diethyl Ether
 Concen: 40.717 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion: 74 Resp: 70483
 Ion Ratio Lower Upper
 74 100
 45 99.8 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.606 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

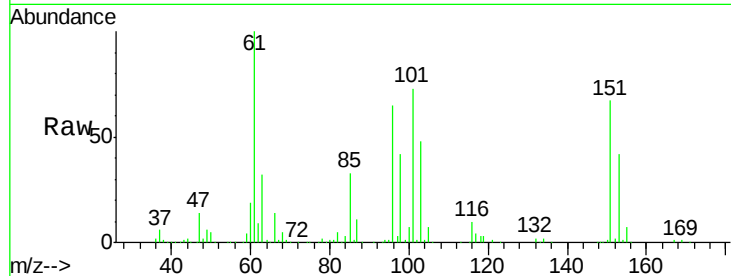
Tot Ion:101 Resp: 115230

Ion Ratio Lower Upper

101 100

85 43.9 0.0 90.4

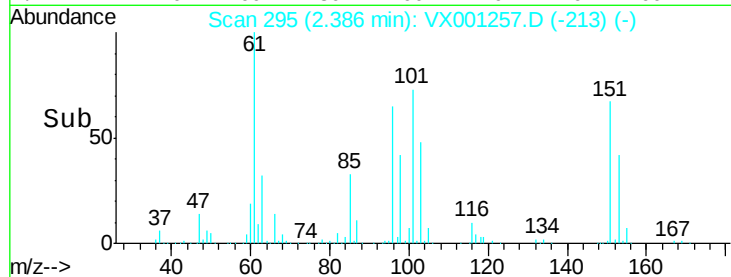
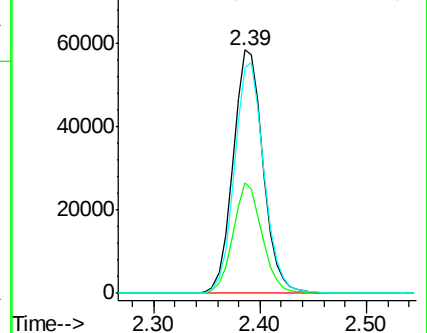
151 93.7 0.0 167.6



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: 40.815 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

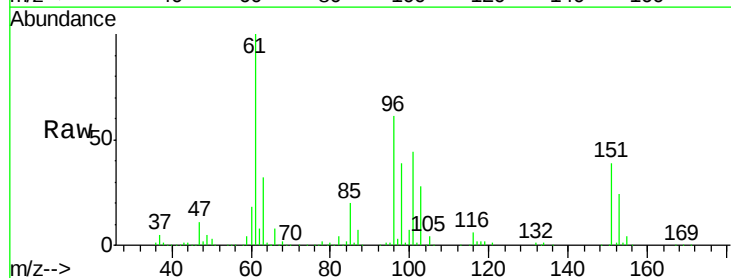
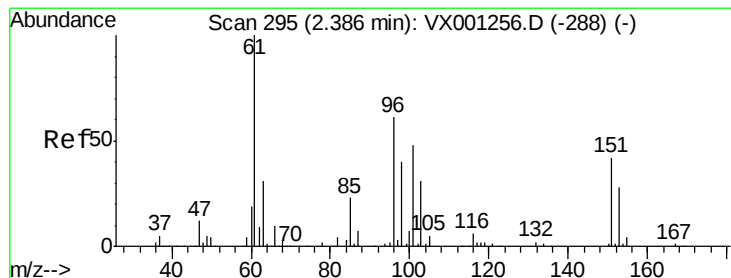
Tgt Ion: 96 Resp: 105445

Ion Ratio Lower Upper

96 100

61 163.7 118.6 178.0

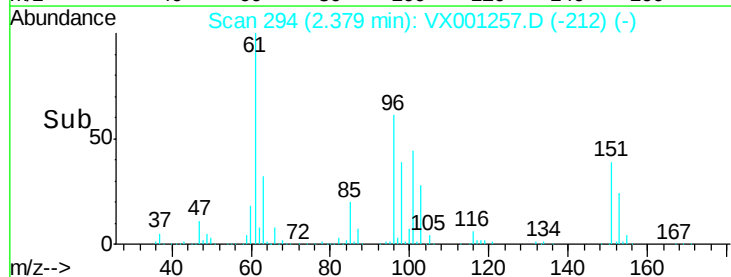
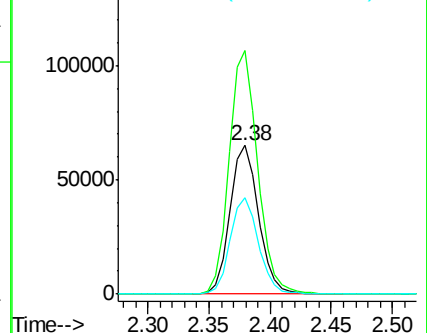
98 64.5 51.0 76.6

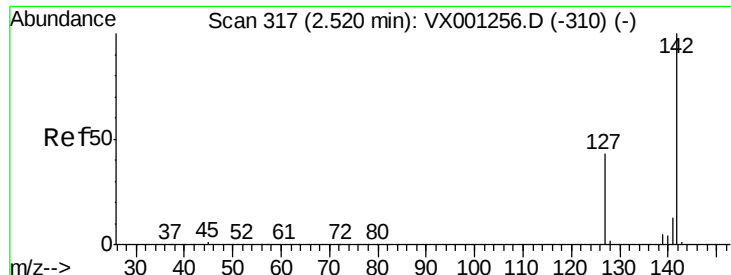


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

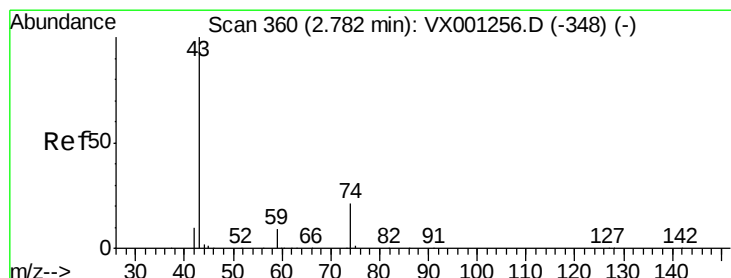
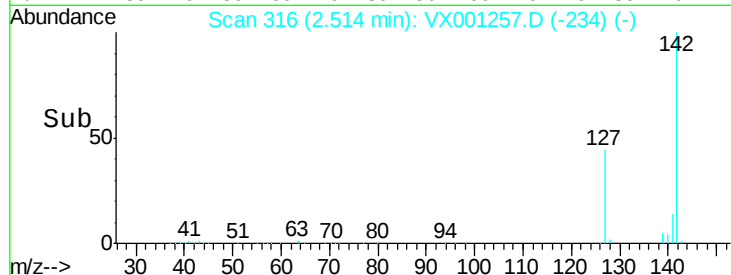
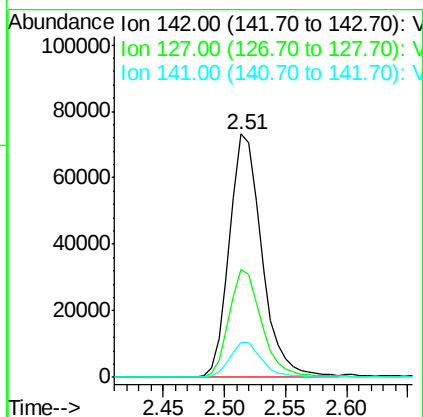
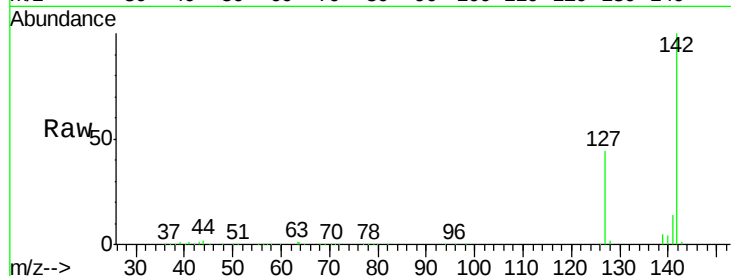




#11
Methyl Iodide
Concen: 53.906 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

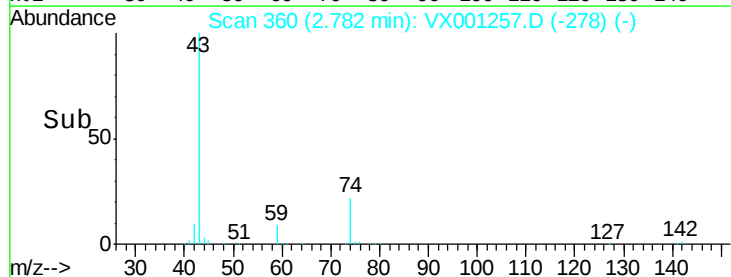
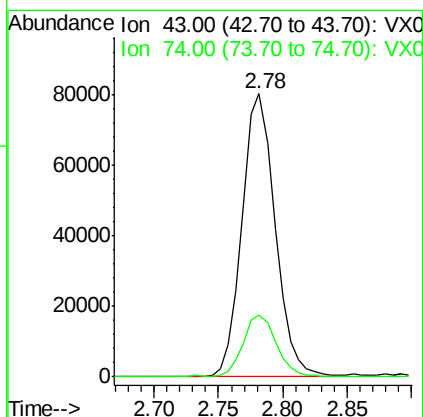
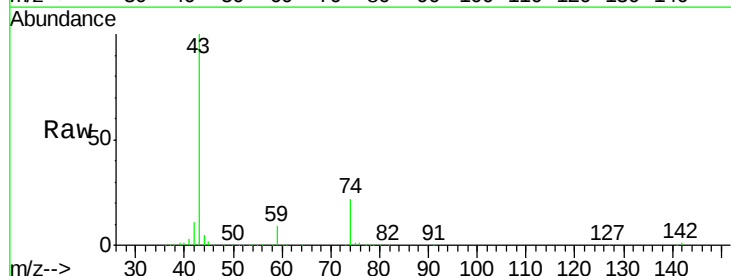
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

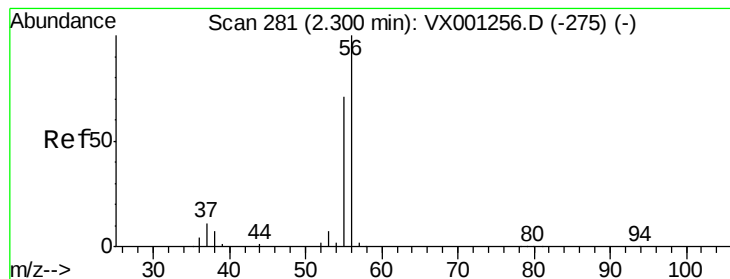
Tot Ion:142 Resp: 135356
Ion Ratio Lower Upper
142 100
127 44.3 23.8 71.5
141 14.3 8.2 24.4



#12
Methyl Acetate
Concen: 30.775 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 43 Resp: 142066
Ion Ratio Lower Upper
43 100
74 21.7 18.6 27.8





#13

Acrolein

Concen: 153.060 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

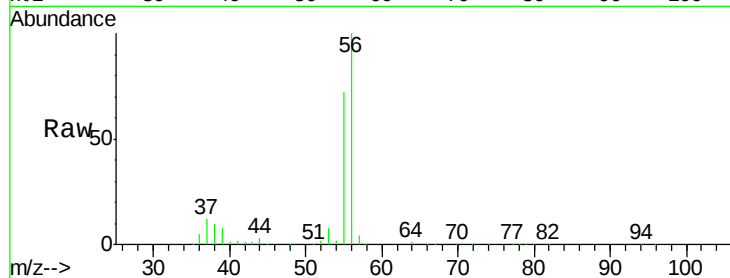
VSTDIC050

Tot Ion: 56 Resp: 85030

Ion Ratio Lower Upper

56 100

55 72.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

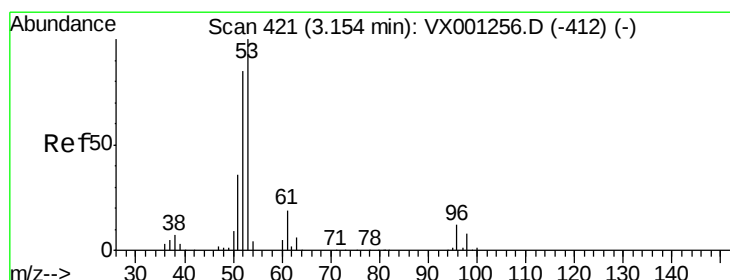
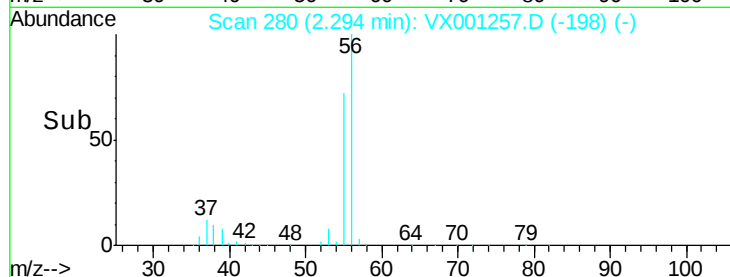
30000

20000

10000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 142.035 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

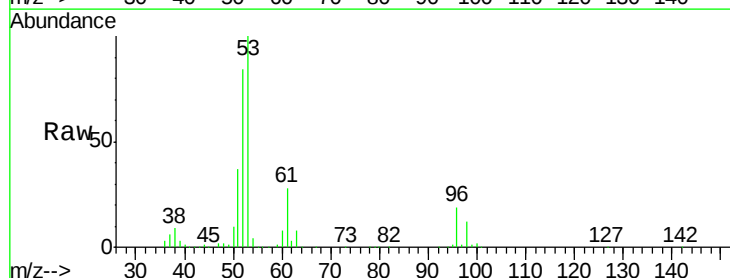
Tgt Ion: 53 Resp: 284126

Ion Ratio Lower Upper

53 100

52 83.7 41.9 125.8

51 37.6 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

3.15

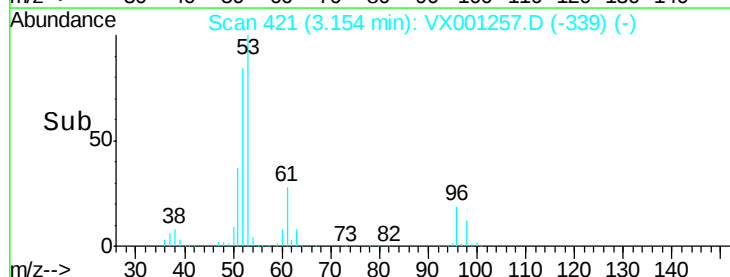
150000

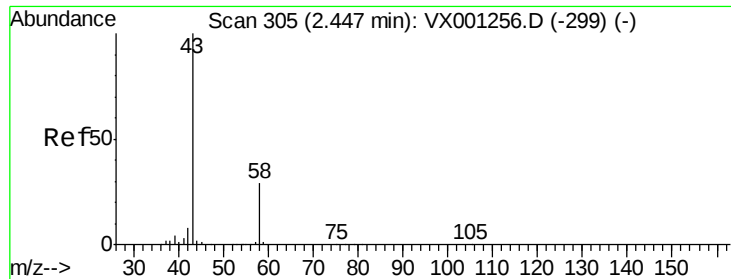
100000

50000

0

Time--> 3.10 3.20 3.30





#15

Acetone

Concen: 133.846 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

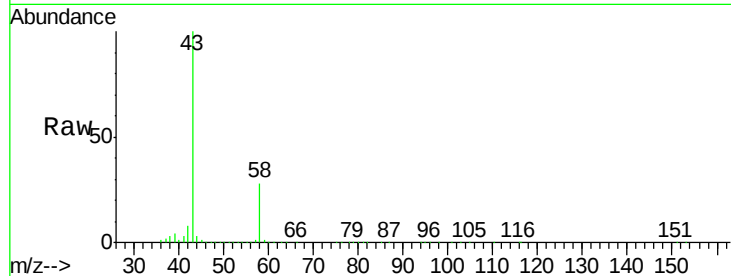
VSTDIC050

Tot Ion: 58 Resp: 87292

Ion Ratio Lower Upper

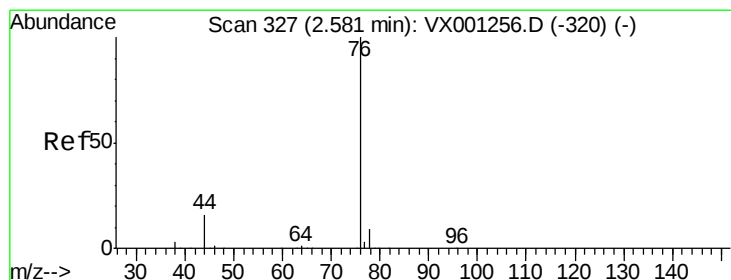
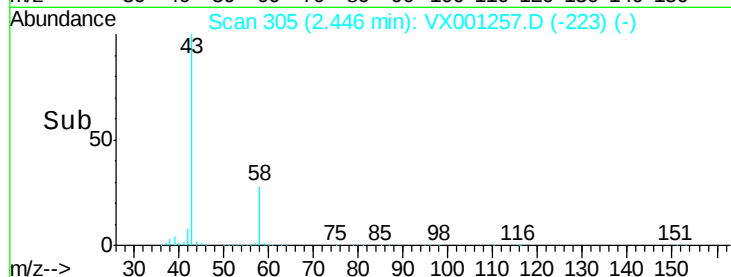
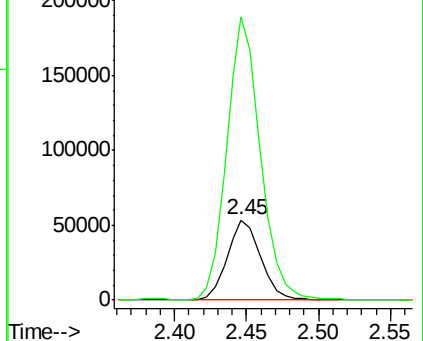
58 100

43 351.4 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 38.112 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001257.D

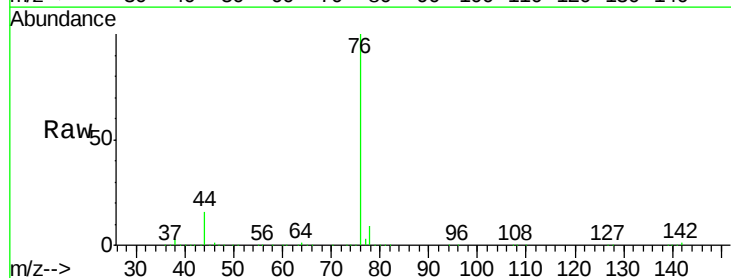
Acq: 30 Apr 2018 11:27

Tgt Ion: 76 Resp: 281597

Ion Ratio Lower Upper

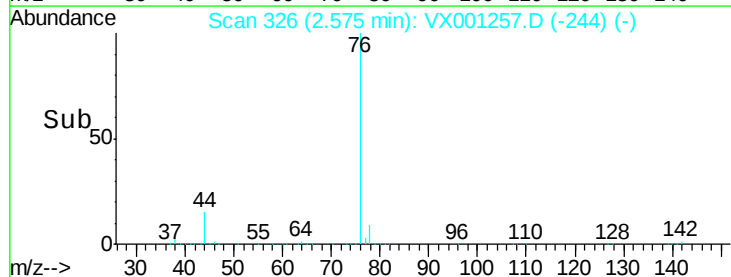
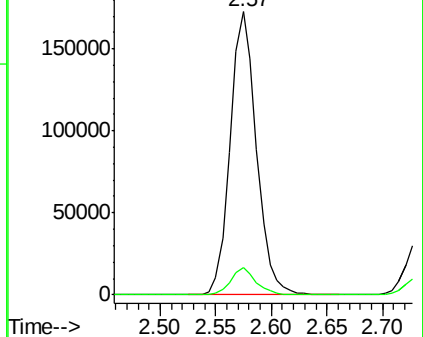
76 100

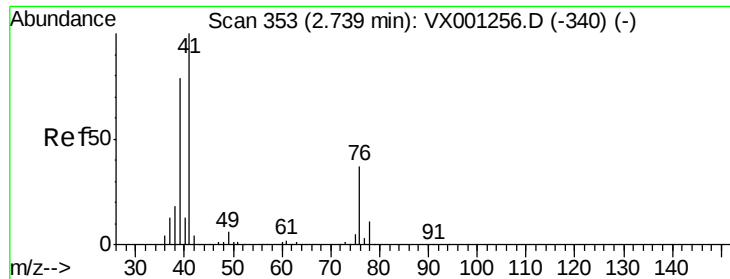
78 9.4 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

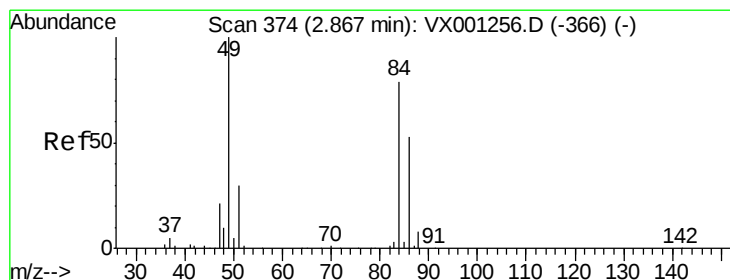
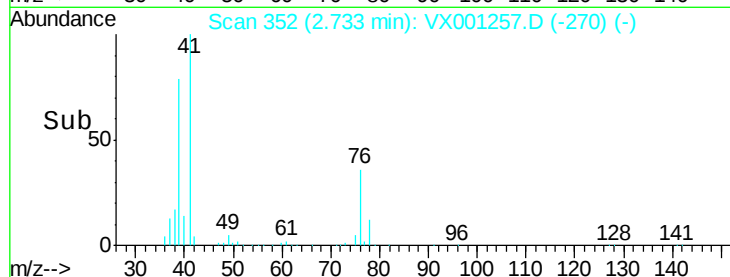
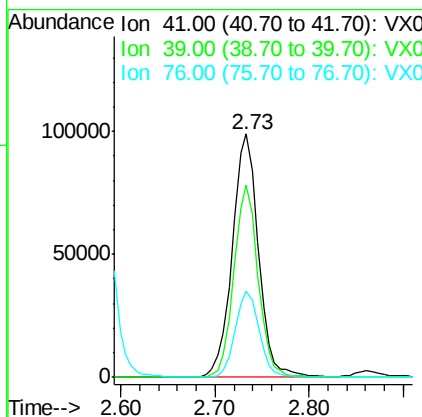
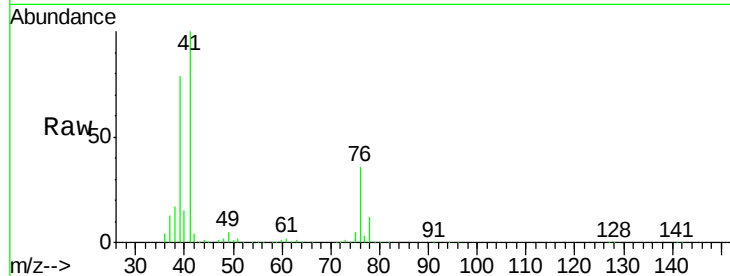




#17
Allvl chloride
Concen: 43.364 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

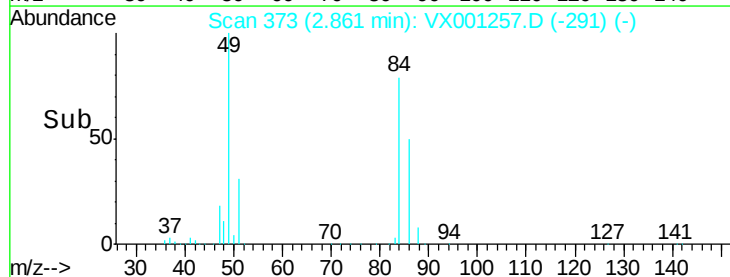
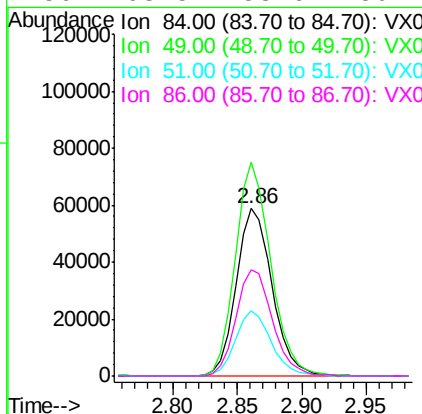
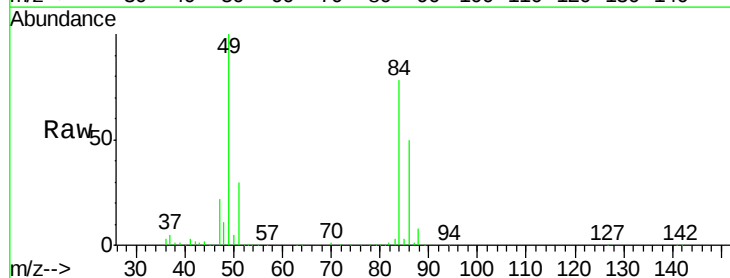
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

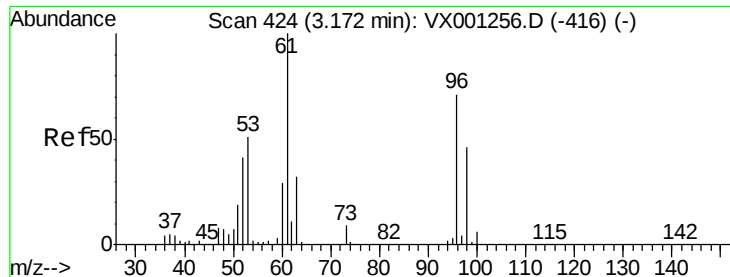
Tot Ion: 41 Resp: 190992
Ion Ratio Lower Upper
41 100
39 79.2 38.5 115.5
76 35.6 18.7 56.1



#18
Methylene Chloride
Concen: 40.406 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 84 Resp: 113750
Ion Ratio Lower Upper
84 100
49 127.6 103.3 154.9
51 38.7 31.2 46.8
86 63.5 53.6 80.4

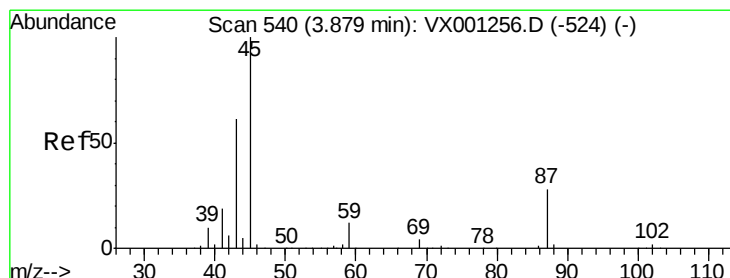
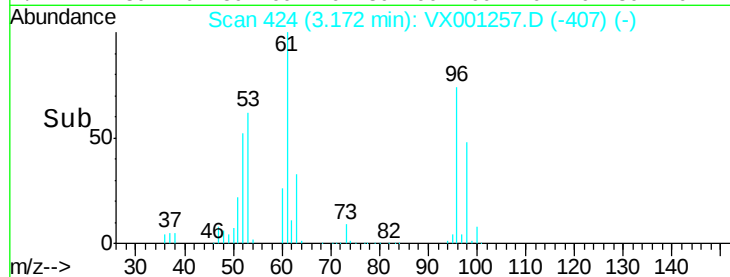
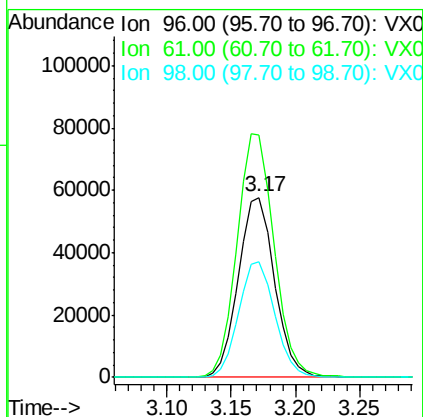
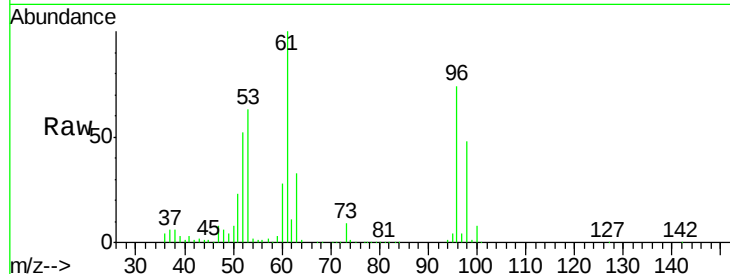




#19
trans-1,2-Dichloroethene
Concen: 40.126 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

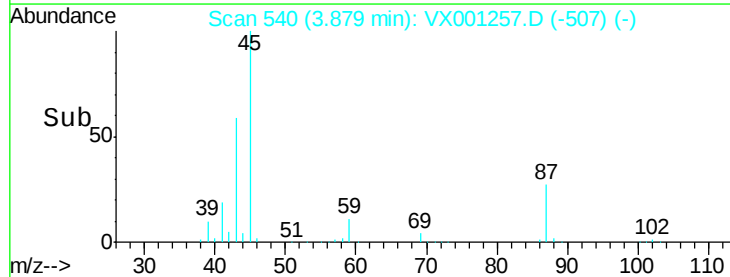
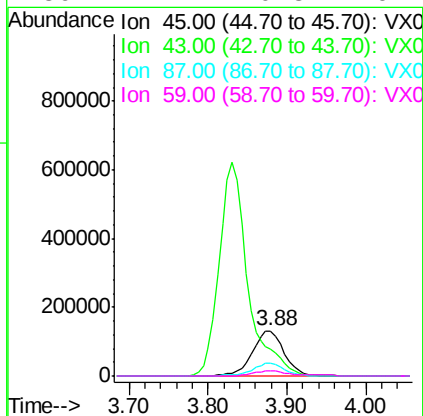
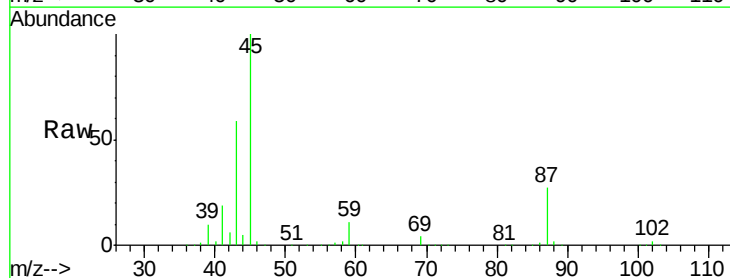
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

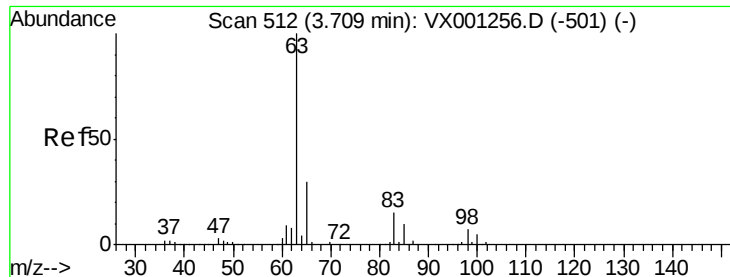
Tot Ion: 96 Resp: 112783
Ion Ratio Lower Upper
96 100
61 135.1 101.0 151.6
98 64.4 53.3 79.9



#20
Diisopropyl ether
Concen: 52.488 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 45 Resp: 365035
Ion Ratio Lower Upper
45 100
43 59.0 49.6 74.4
87 27.4 23.1 34.7
59 11.1 10.8 16.2





#21

1,1-Dichloroethane

Concen: 43.647 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

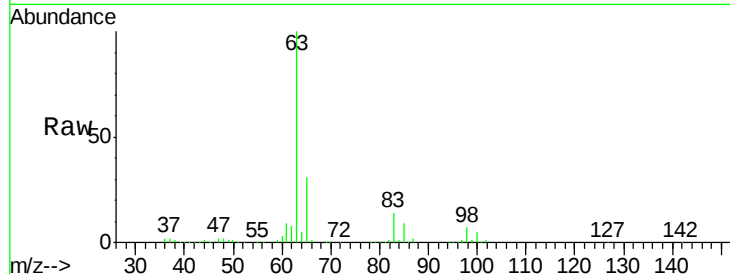
Tot Ion: 63 Resp: 200072

Ion Ratio Lower Upper

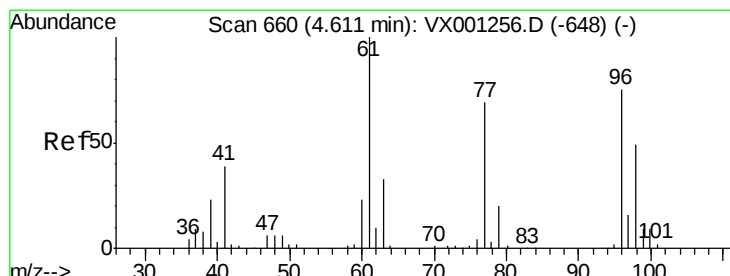
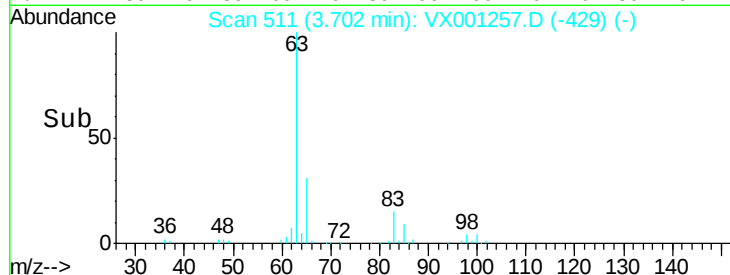
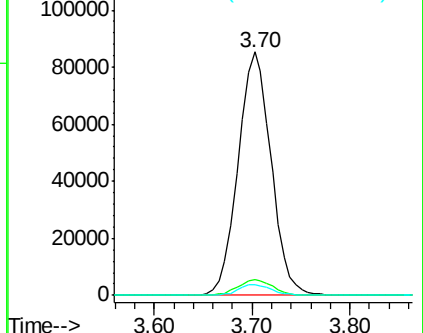
63 100

98 6.7 3.3 9.9

100 4.6 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 48.387 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

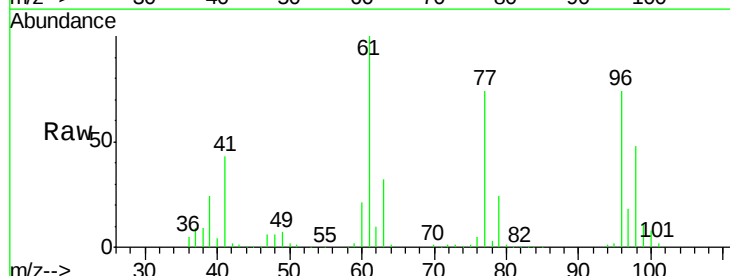
Tgt Ion: 96 Resp: 126360

Ion Ratio Lower Upper

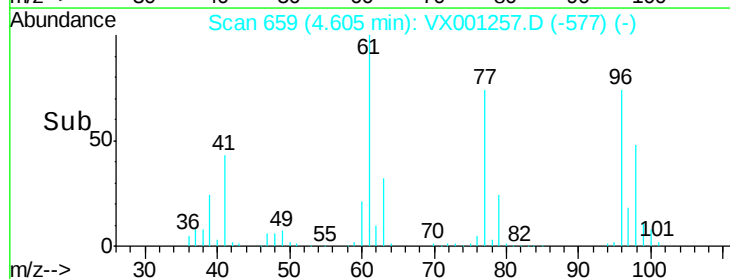
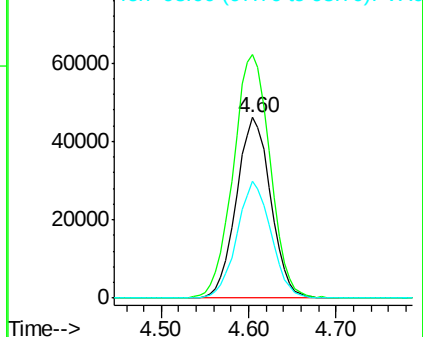
96 100

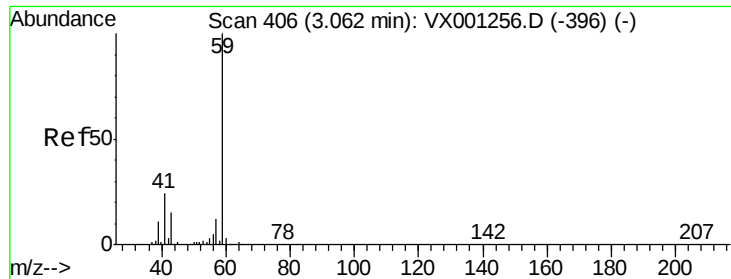
61 144.5 113.5 170.3

98 64.2 51.8 77.8



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



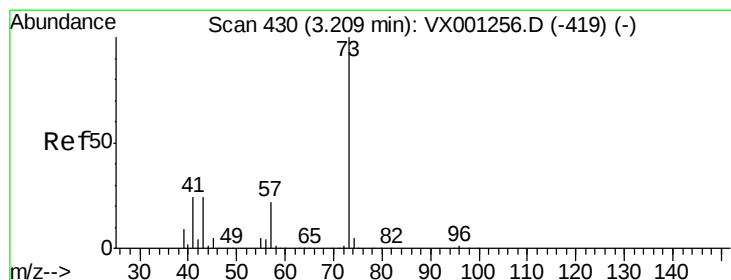
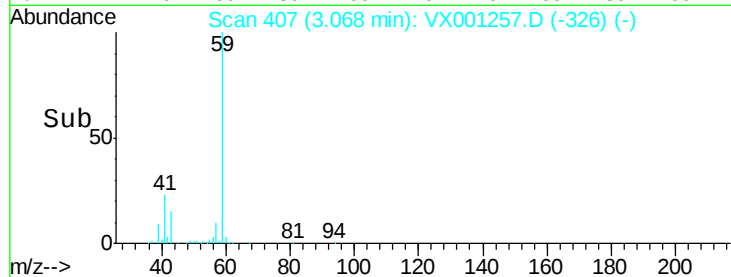
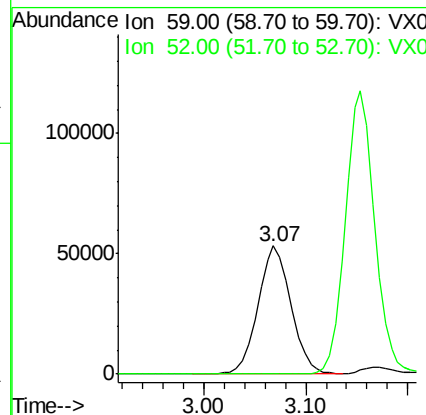
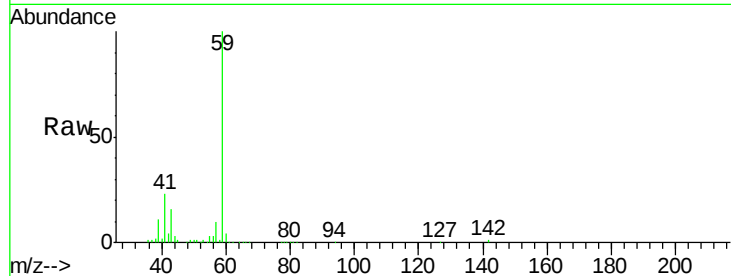


#23

tert-Butyl Alcohol
 Concen: 105.052 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

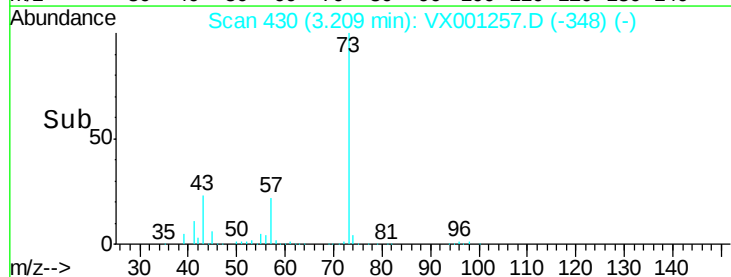
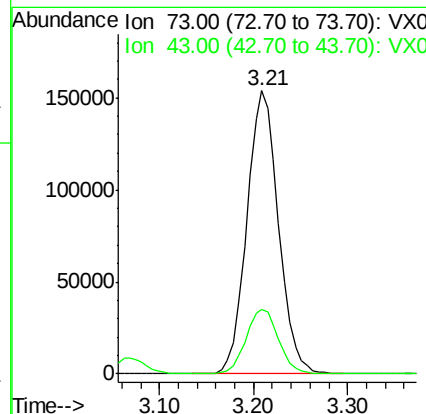
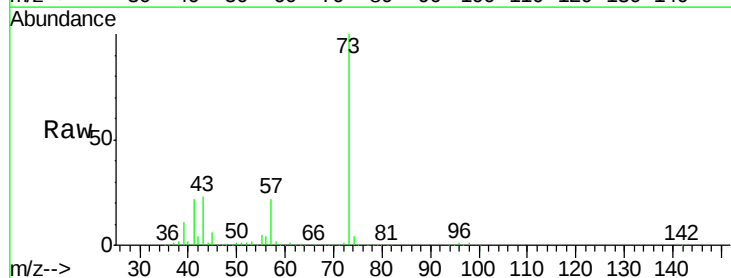
Tot Ion: 59 Resp: 120119
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

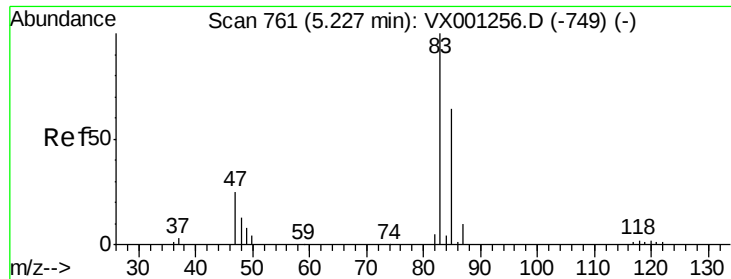


#24

Methyl tert-Butyl Ether
 Concen: 40.504 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion: 73 Resp: 360547
 Ion Ratio Lower Upper
 73 100
 43 23.4 16.5 24.7

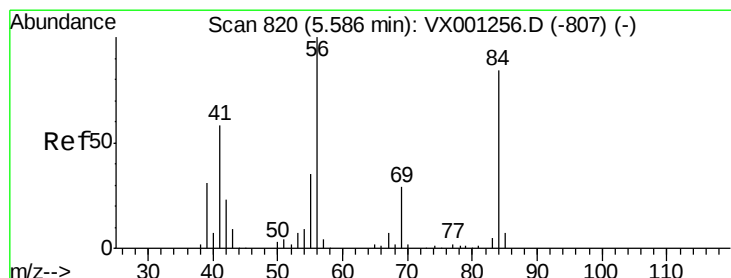
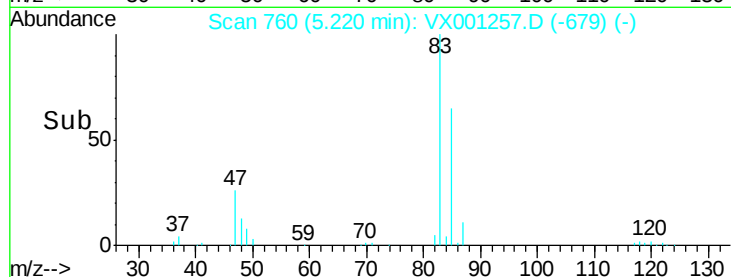
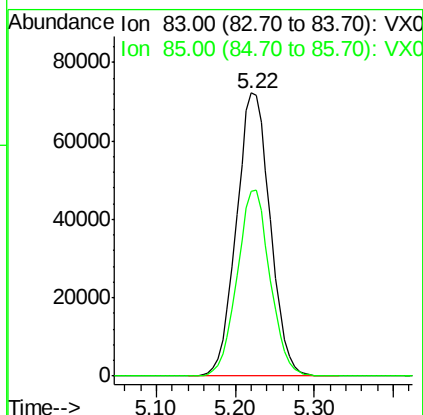
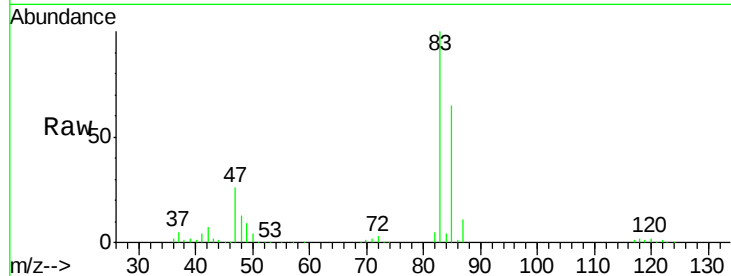




#25
Chloroform
Concen: 47.322 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

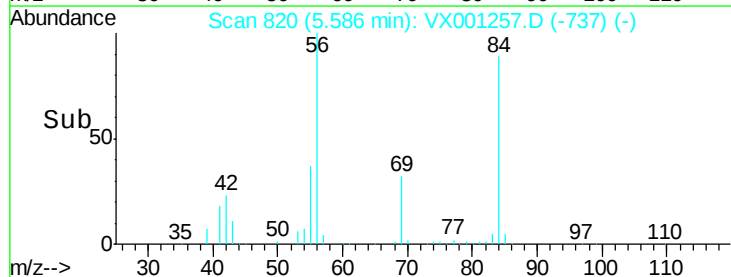
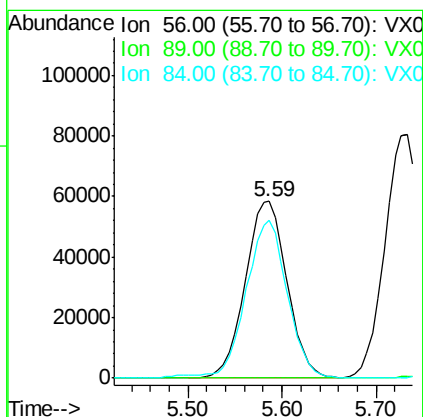
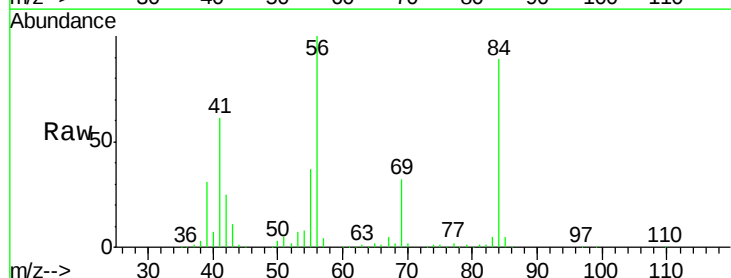
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

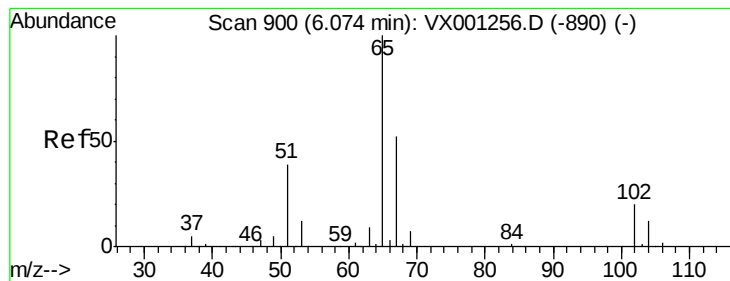
Tot Ion: 83 Resp: 215082
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7



#26
Cyclohexane
Concen: 50.100 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 56 Resp: 180070
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.8 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 28.275 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

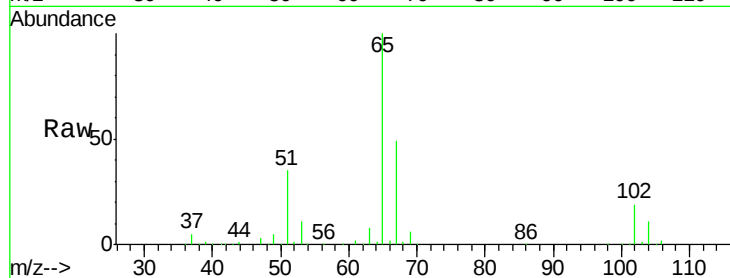
VSTDIC050

Tot Ion: 65 Resp: 84606

Ion Ratio Lower Upper

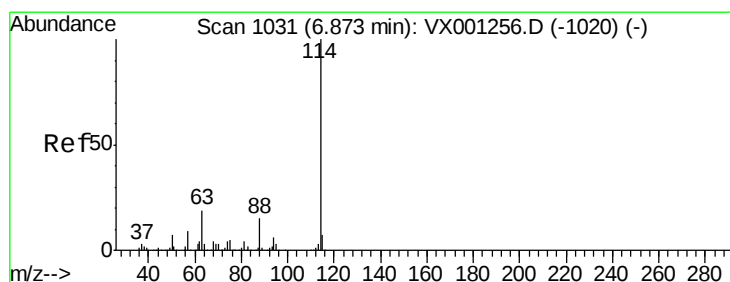
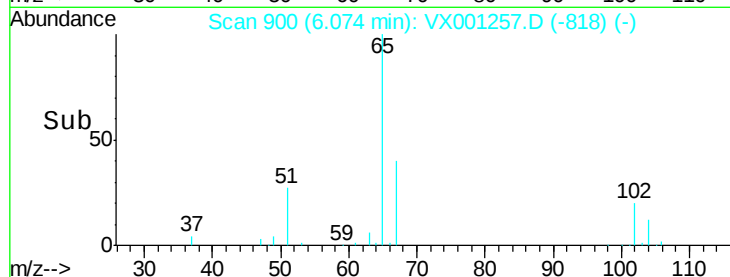
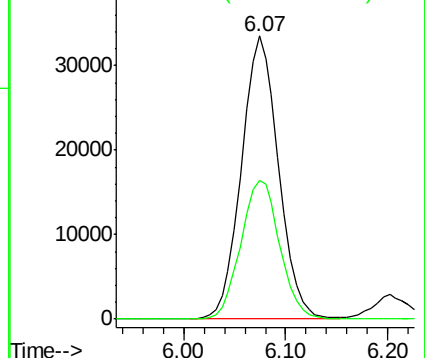
65 100

67 51.3 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

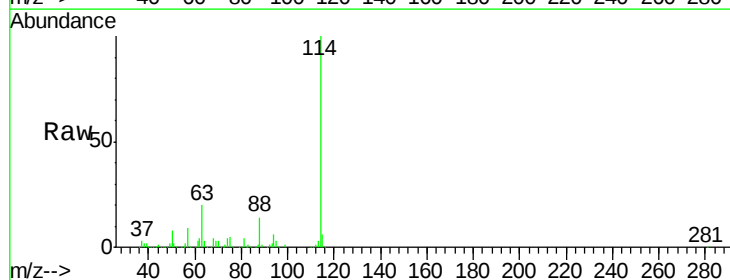
Tgt Ion: 114 Resp: 216110

Ion Ratio Lower Upper

114 100

63 19.5 15.0 22.4

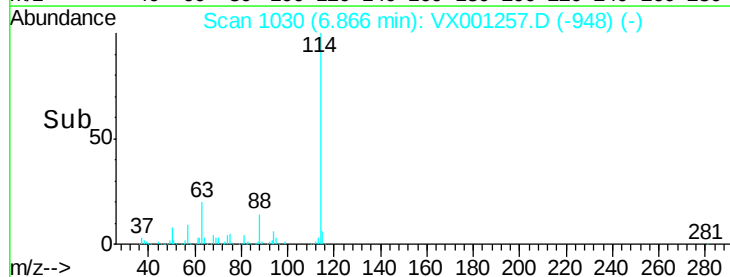
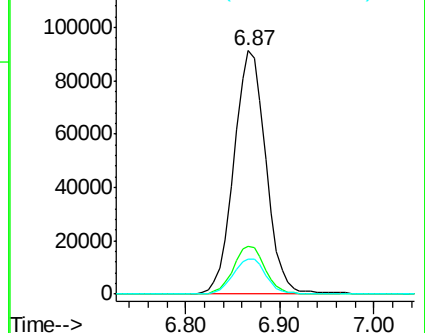
88 14.9 11.8 17.8

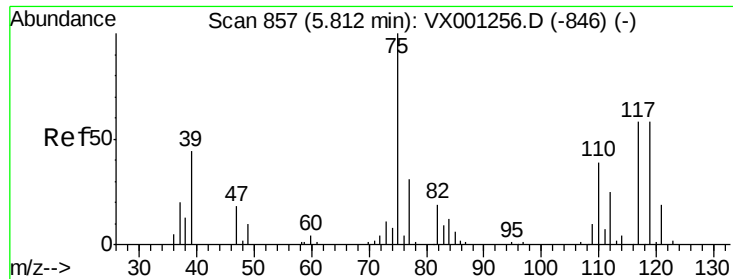


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

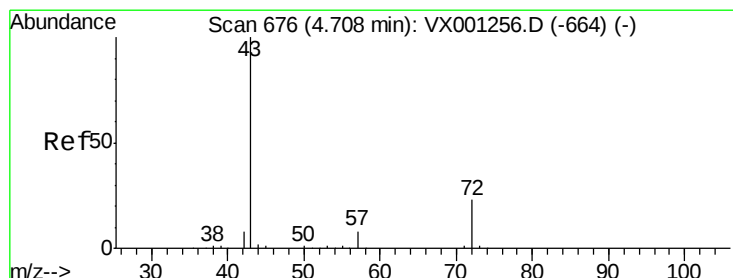
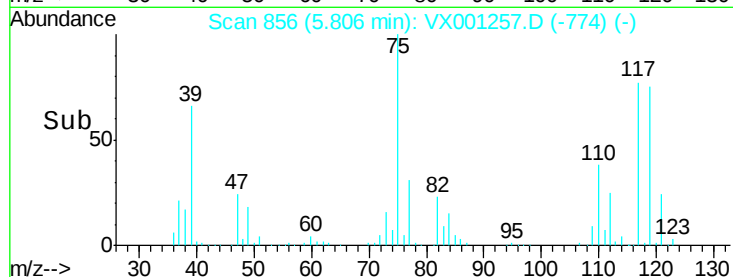
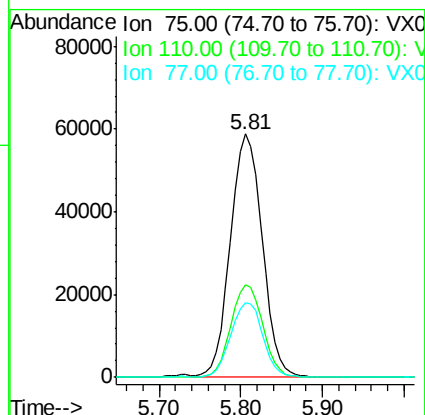
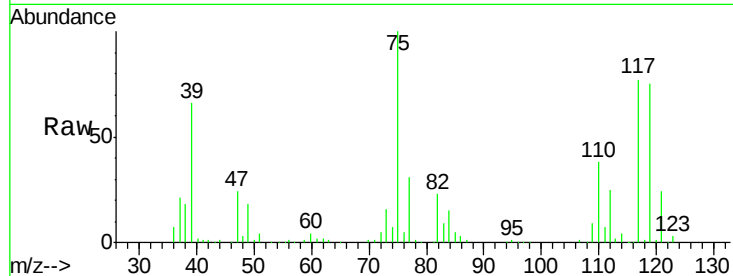




#29
 1,1-Dichloropropene
 Concen: 50.711 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

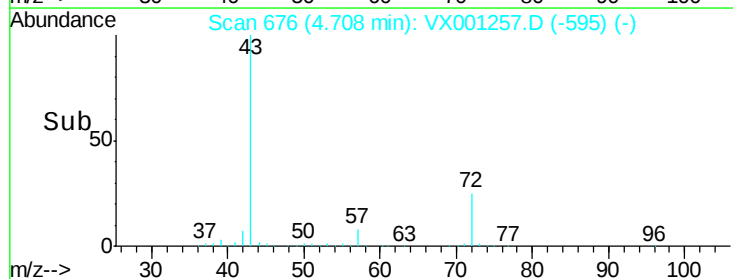
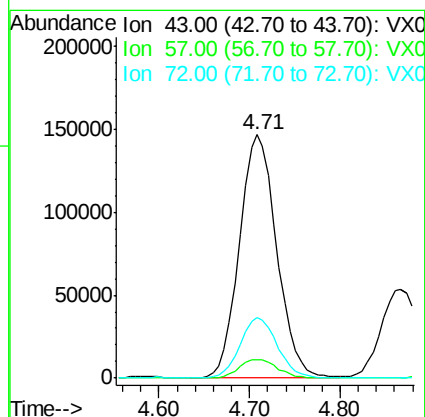
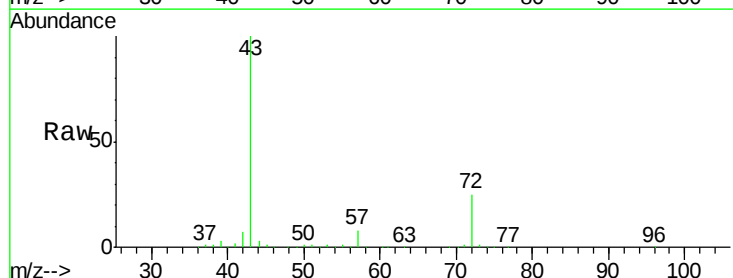
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

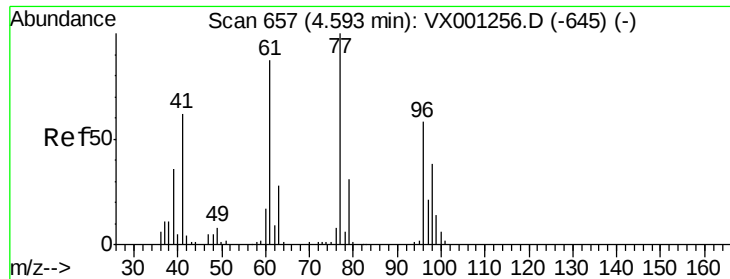
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.9	0.0	75.6
77	31.0	0.0	62.6



#30
 2-Butanone
 Concen: 171.699 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	10.0
72	25.0	21.8	32.6

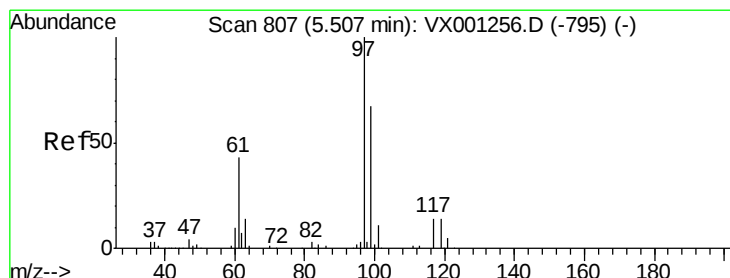
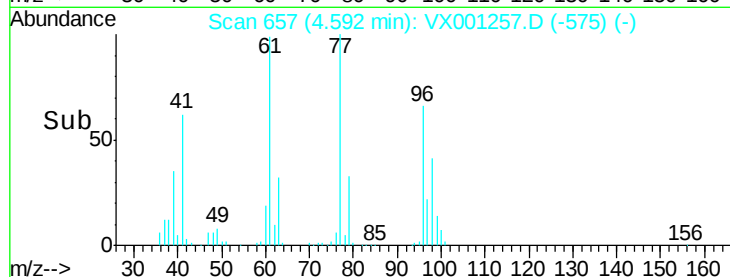
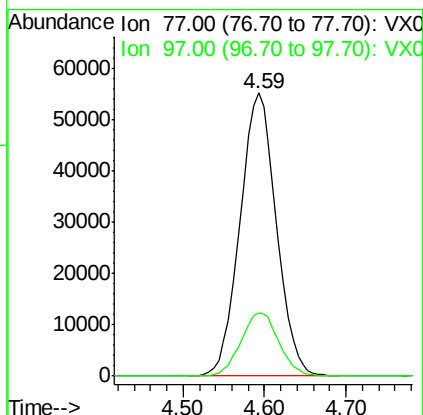
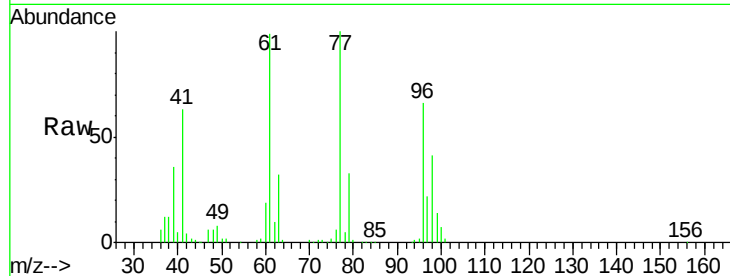




#31
 2,2-Dichloropropane
 Concen: 50.443 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

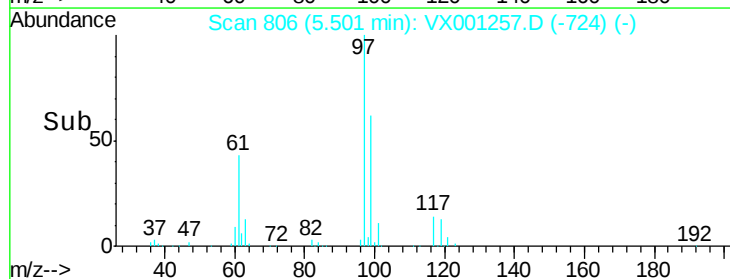
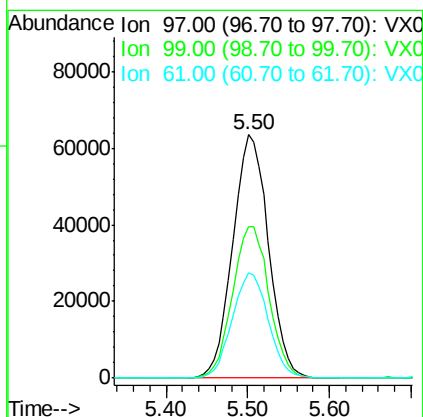
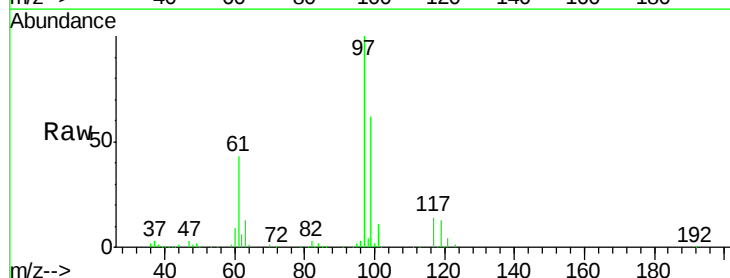
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

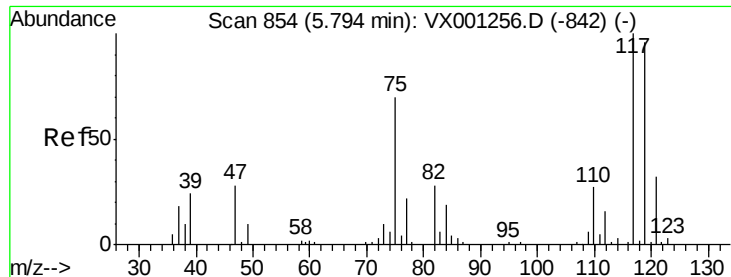
Tot Ion: 77 Resp: 170759
 Ion Ratio Lower Upper
 77 100
 97 23.3 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 50.541 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion: 97 Resp: 192461
 Ion Ratio Lower Upper
 97 100
 99 63.7 52.3 78.5
 61 43.8 34.3 51.5





#33

Carbon Tetrachloride

Concen: 51.299 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.01 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

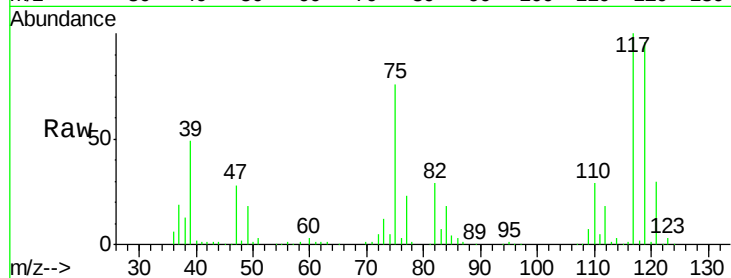
Tot Ion:117 Resp: 173467

Ion Ratio Lower Upper

117 100

119 96.3 73.5 110.3

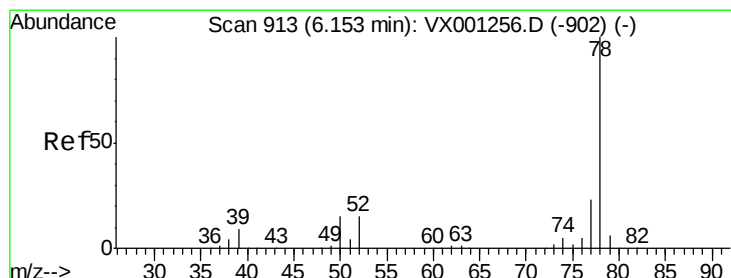
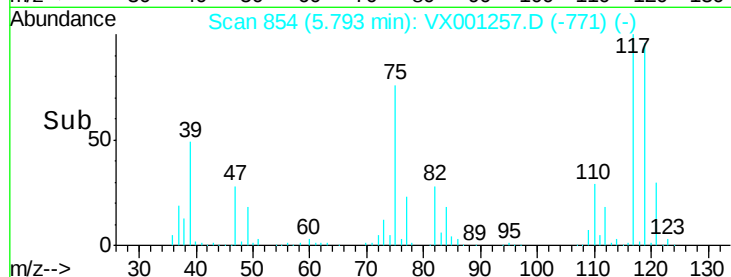
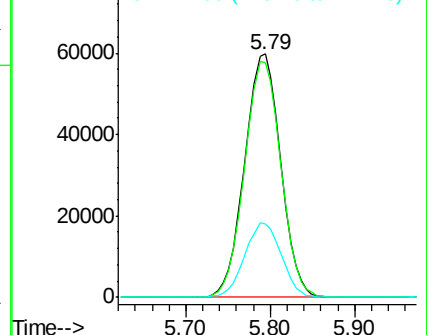
121 30.1 24.6 37.0



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: 51.960 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

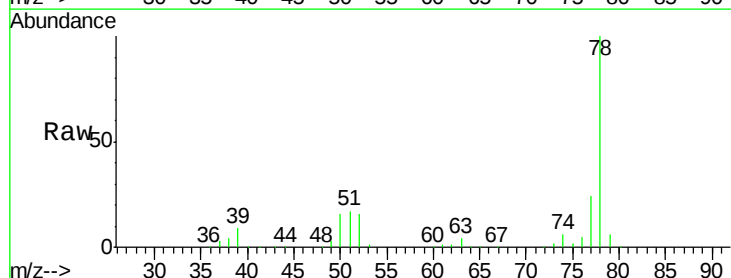
Tgt Ion: 78 Resp: 470557

Ion Ratio Lower Upper

78 100

77 24.3 21.7 32.5

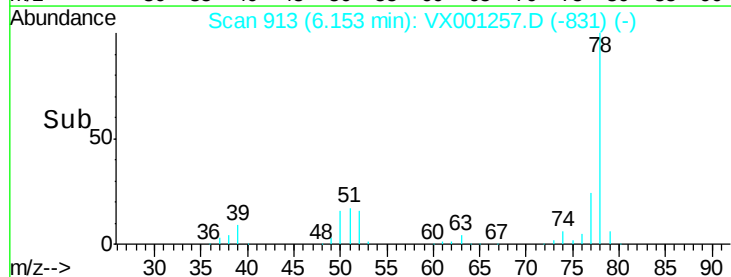
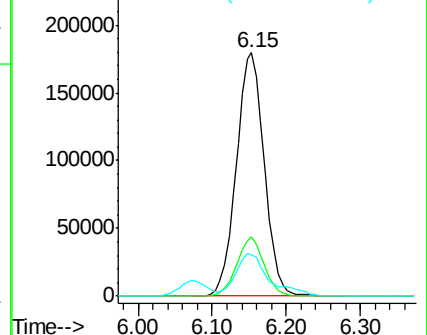
51 16.9 14.9 22.3

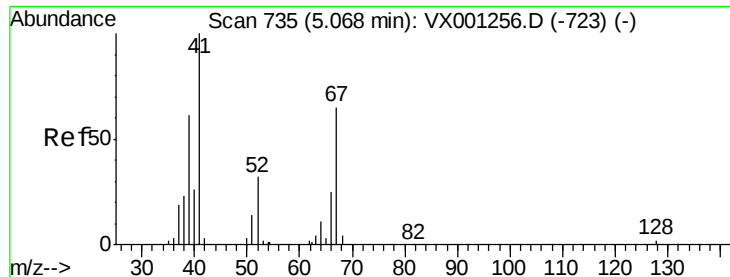


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

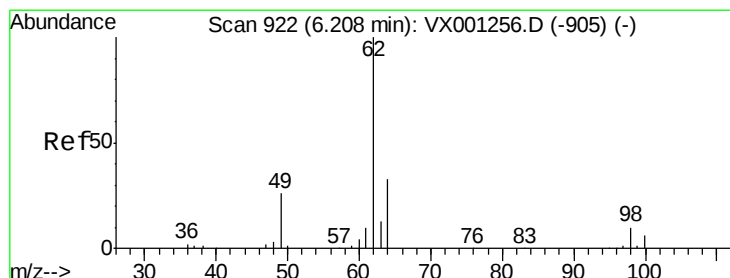
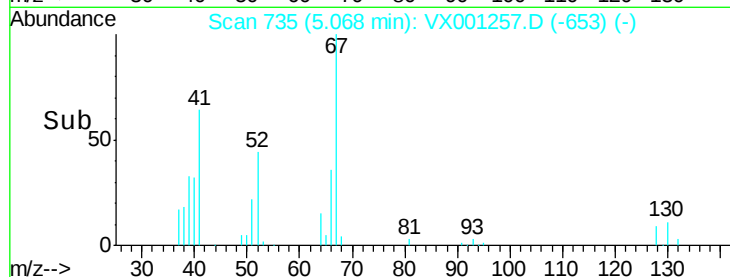
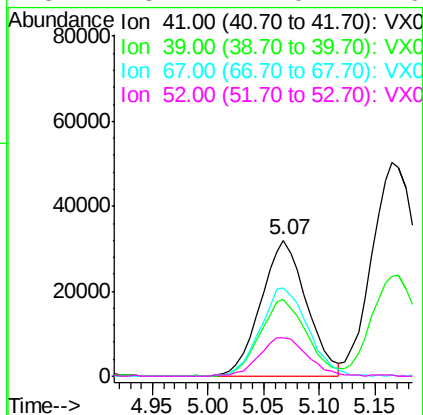
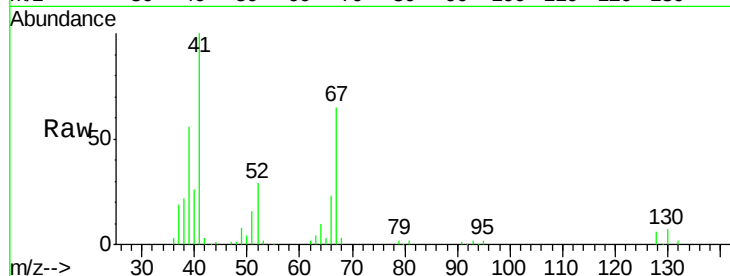




#35
Methacrylonitrile
Concen: 40.686 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

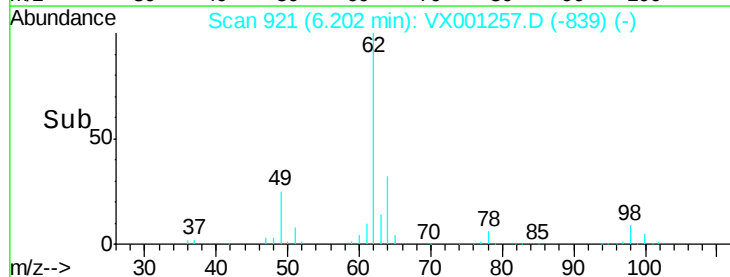
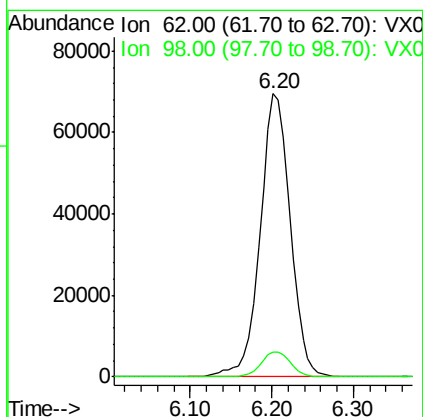
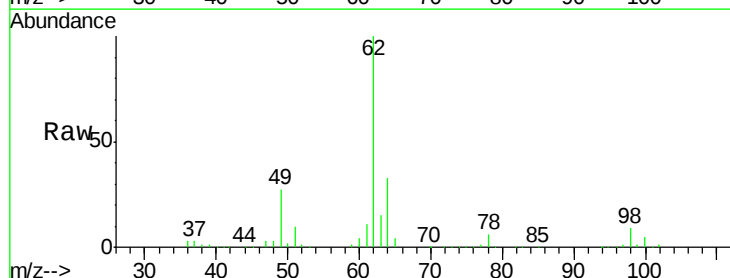
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

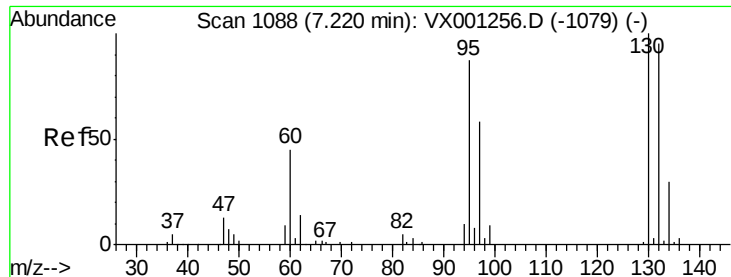
Tot Ion:	41	Resp:	90750
Ion	Ratio	Lower	Upper
41	100		
39	55.9	29.8	89.3
67	64.8	28.7	86.3
52	28.7	14.0	41.9



#36
1,2-Dichloroethane
Concen: 52.052 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion:	62	Resp:	178755
Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.9	10.3

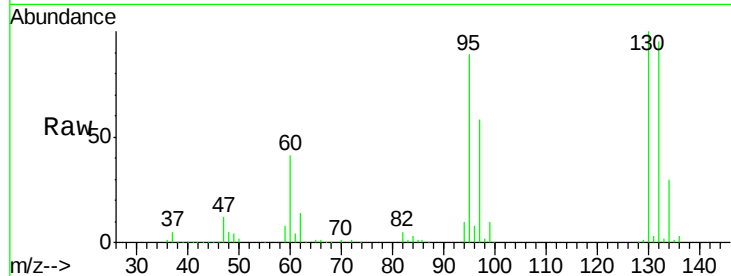




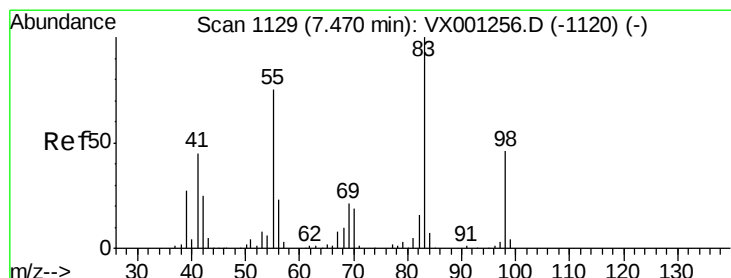
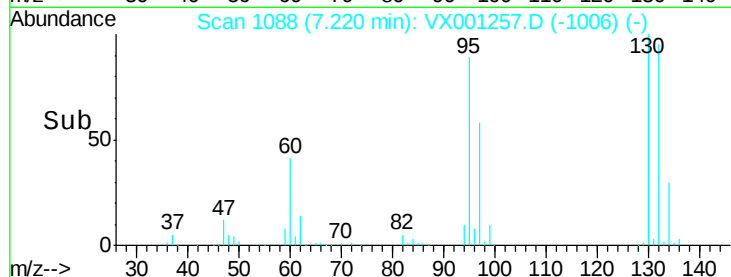
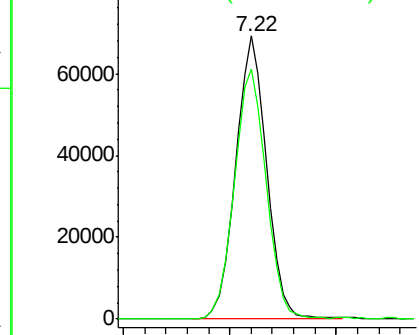
#37
 Trichloroethene
 Concen: 52.641 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:130 Resp: 140910
 Ion Ratio Lower Upper
 130 100
 95 88.4 74.6 112.0

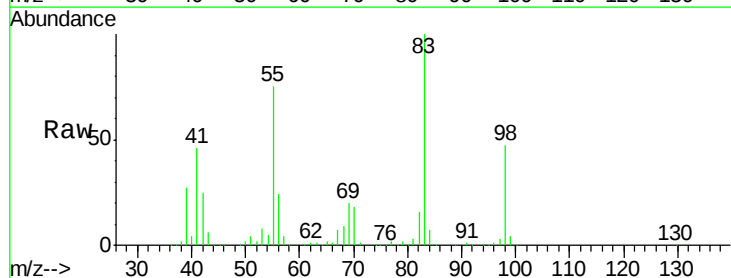


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

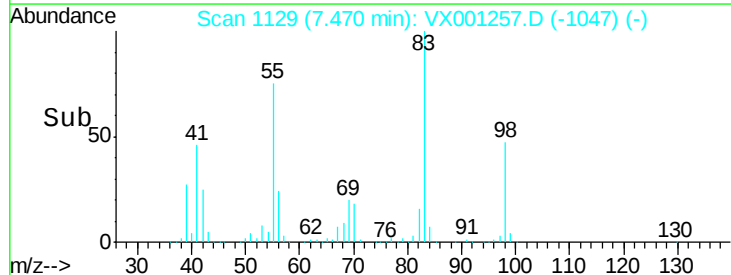
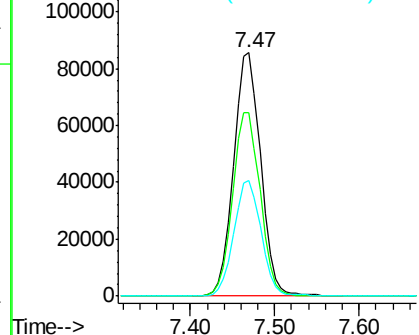


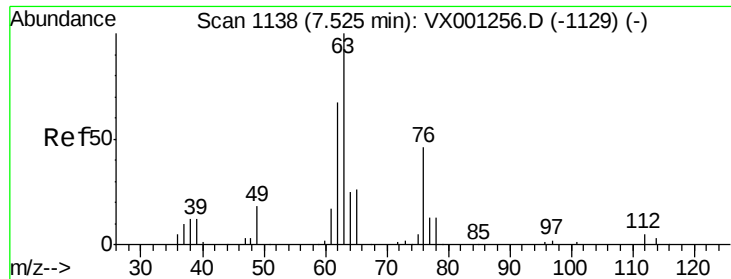
#38
 Methylcyclohexane
 Concen: 49.384 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion: 83 Resp: 186315
 Ion Ratio Lower Upper
 83 100
 55 76.5 35.9 107.7
 98 47.4 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

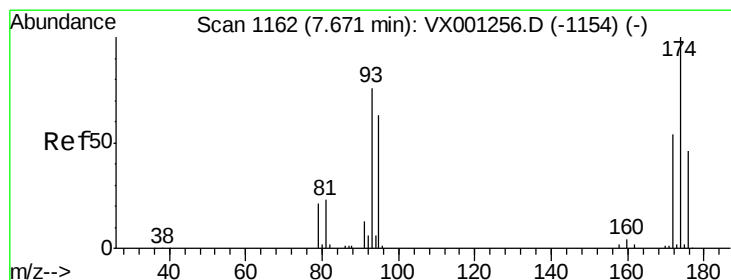
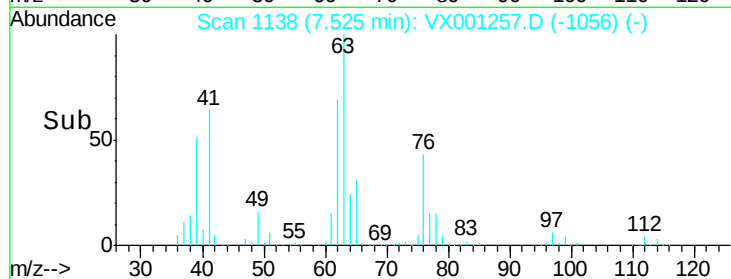
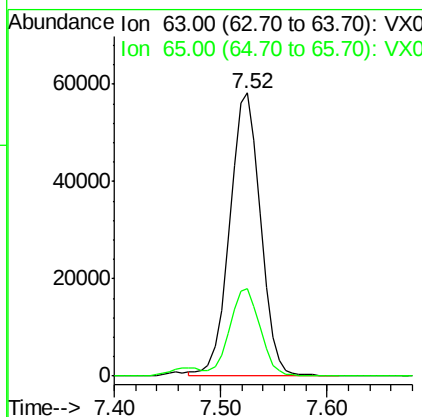
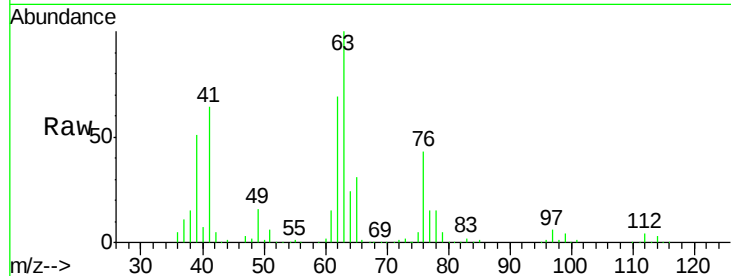




#39
 1,2-Dichloropropane
 Concen: 52.472 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

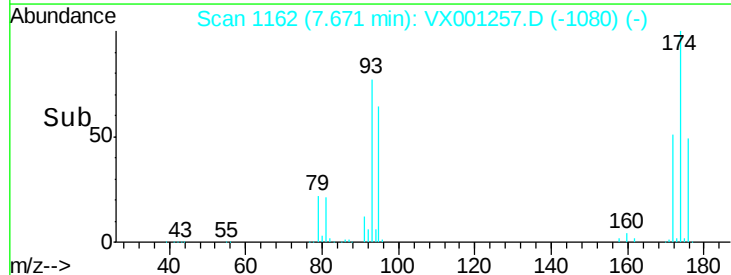
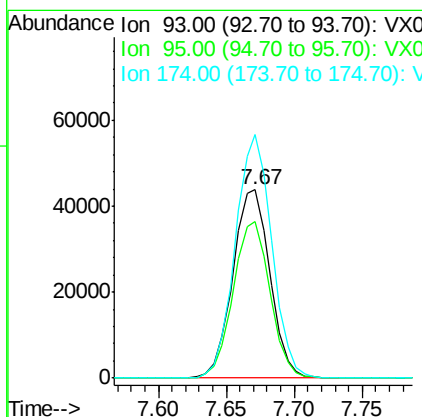
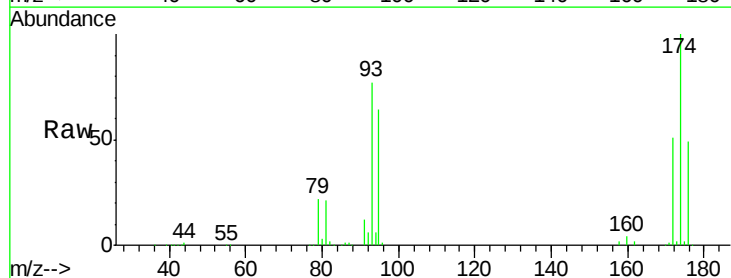
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

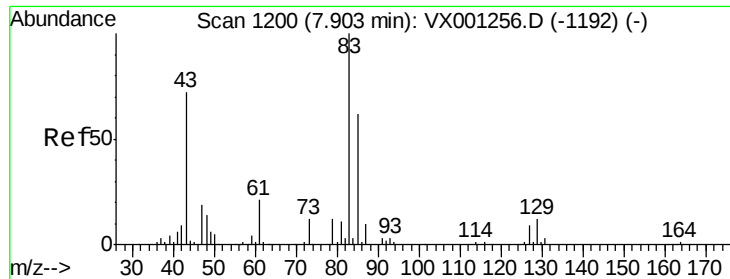
Tot Ion: 63 Resp: 118634
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6



#40
 Dibromomethane
 Concen: 48.037 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion: 93 Resp: 83679
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 170.6
 174 127.0 0.0 210.4





#41

Bromodichloromethane

Concen: 47.711 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

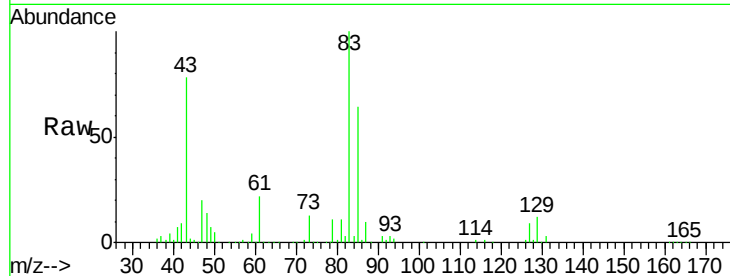
Tot Ion: 83 Resp: 157972

Ion Ratio Lower Upper

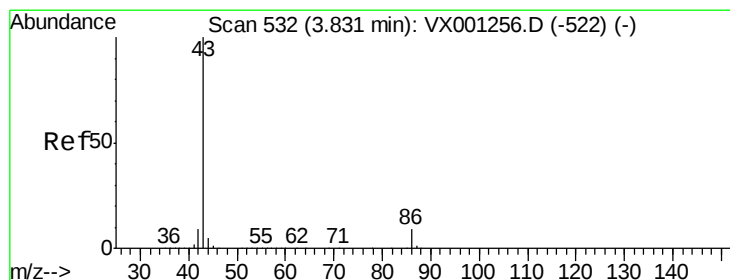
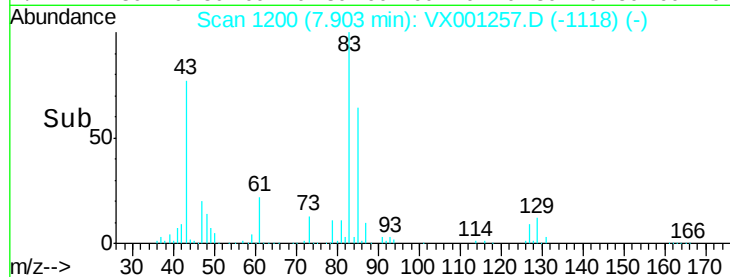
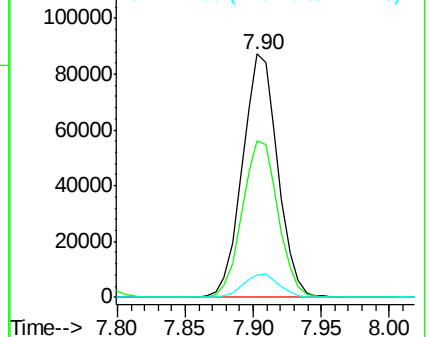
83 100

85 64.1 50.0 75.0

127 9.1 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: 256.685 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001257.D

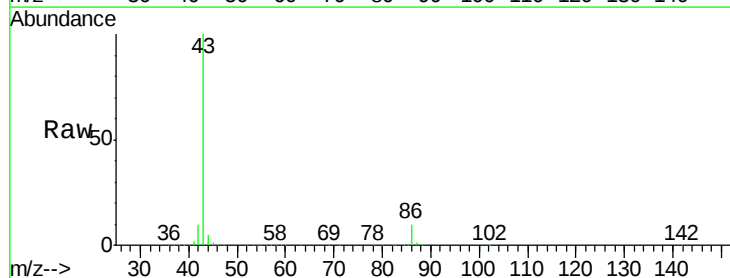
Acq: 30 Apr 2018 11:27

Tgt Ion: 43 Resp: 1584941

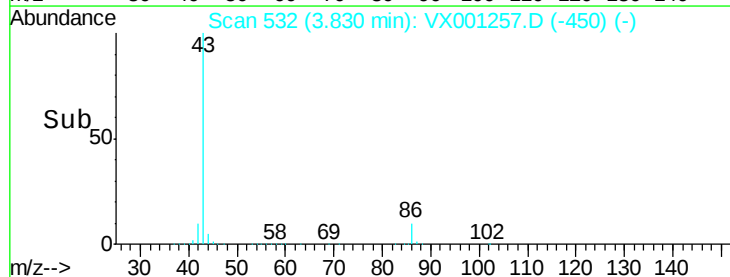
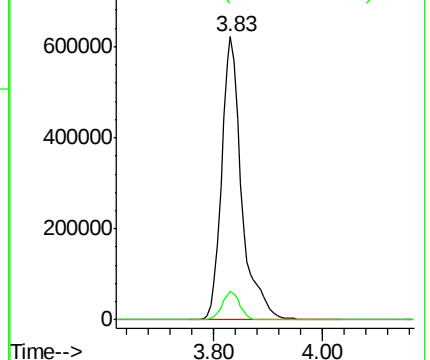
Ion Ratio Lower Upper

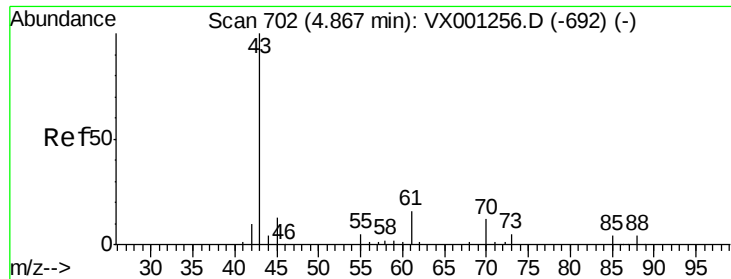
43 100

86 8.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

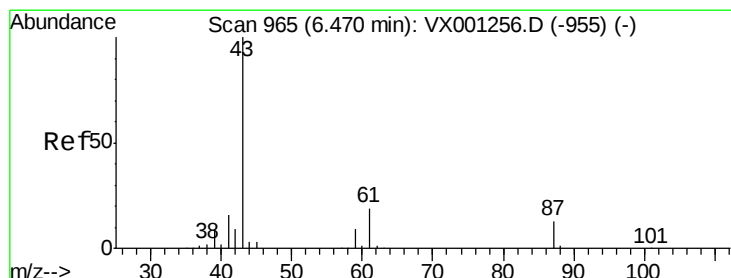
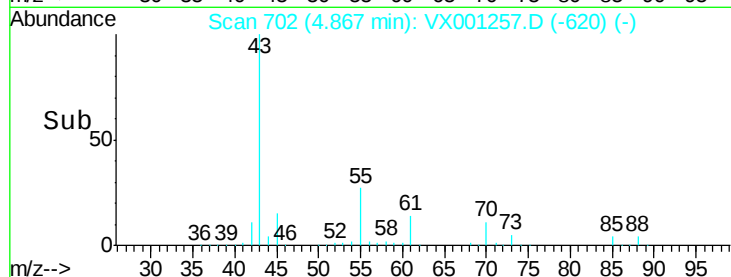
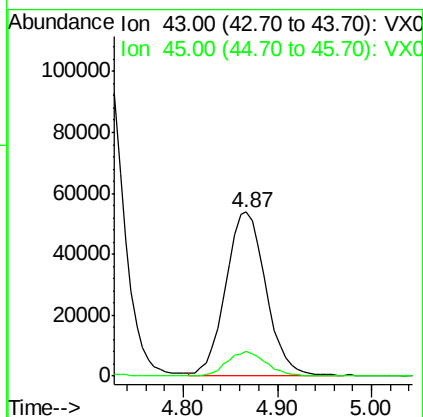
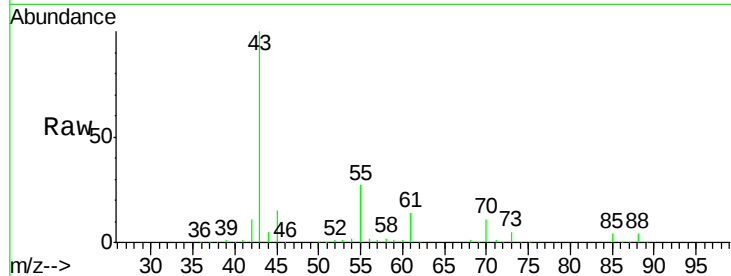




#43
Ethyl Acetate
Concen: 37.143 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

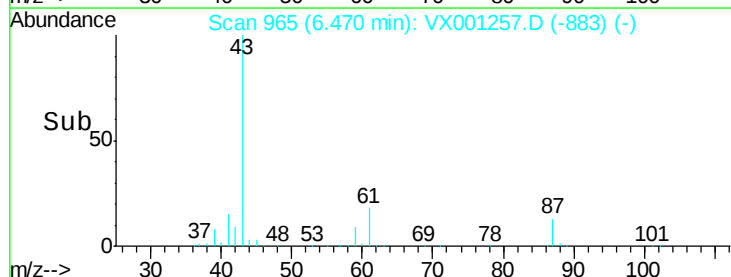
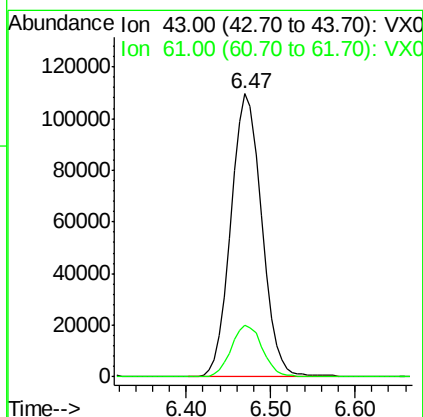
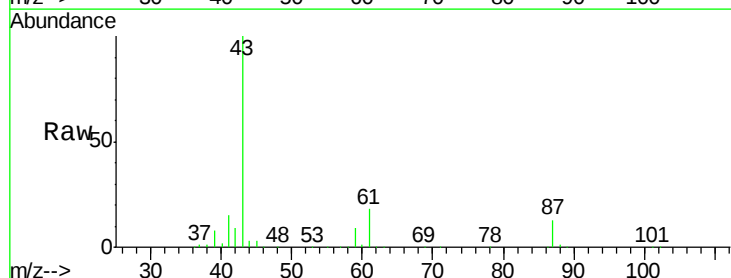
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

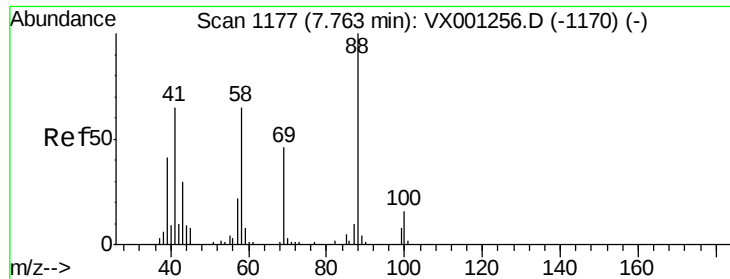
Tot Ion: 43 Resp: 158051
Ion Ratio Lower Upper
43 100
45 15.0 11.4 17.0



#44
Isopropyl Acetate
Concen: 43.516 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 43 Resp: 271684
Ion Ratio Lower Upper
43 100
61 18.6 15.7 23.5

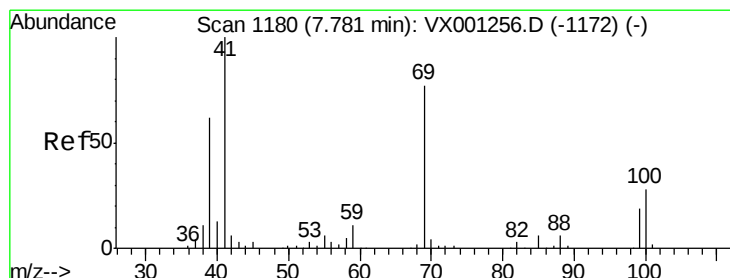
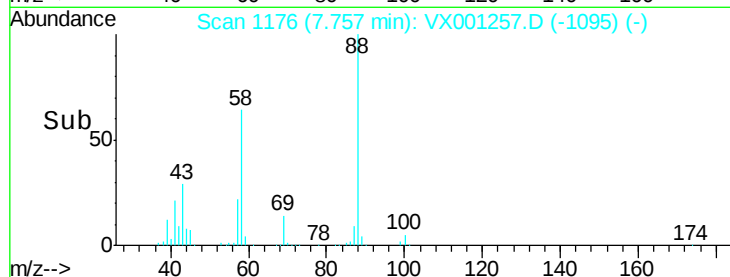
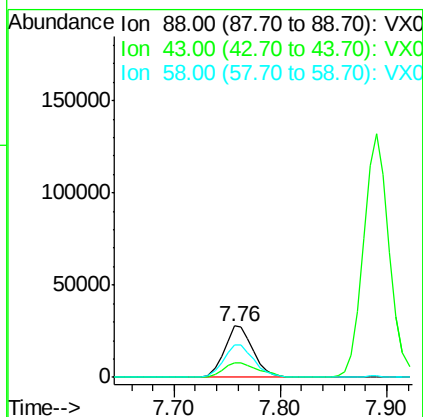
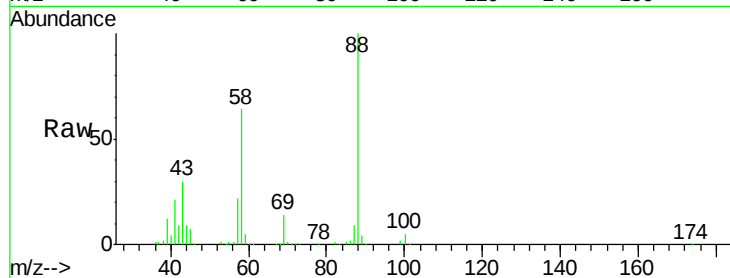




#45
1,4-Dioxane
Concen: 665.536 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

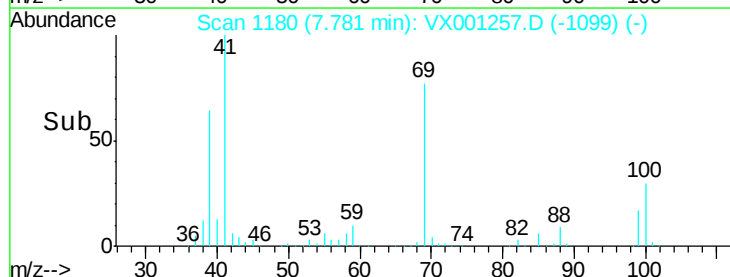
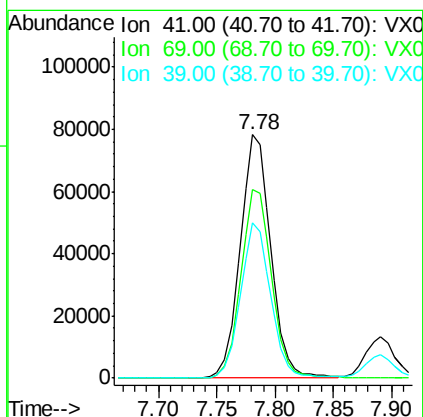
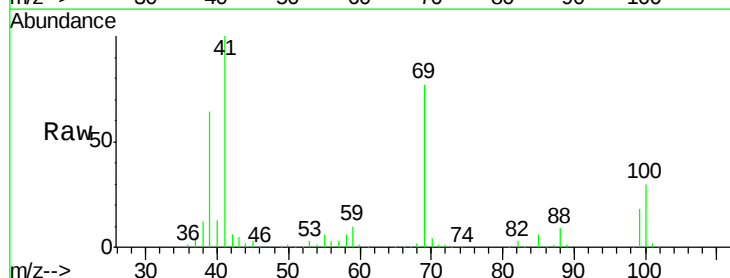
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

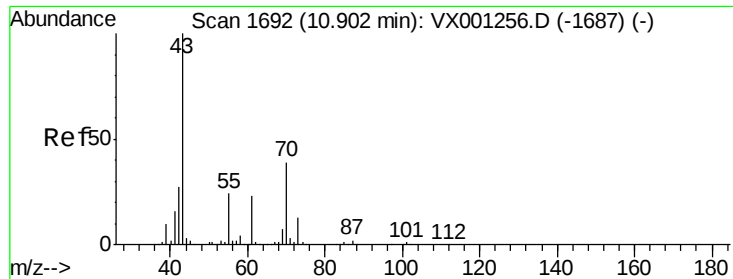
Tot Ion: 88 Resp: 52258
Ion Ratio Lower Upper
88 100
43 34.8 26.8 40.2
58 67.0 52.1 78.1



#46
Methyl methacrylate
Concen: 46.974 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 41 Resp: 142644
Ion Ratio Lower Upper
41 100
69 77.3 45.5 136.5
39 63.7 32.5 97.5





#47

n-amvl Acetate

Concen: 47.973 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

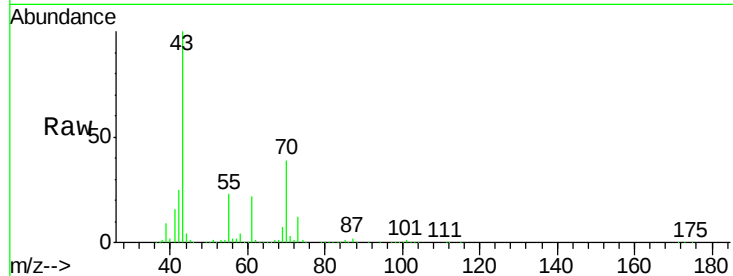
VSTDIC050

Tot Ion: 43 Resp: 261486

Ion Ratio Lower Upper

43 100

55 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

250000

200000

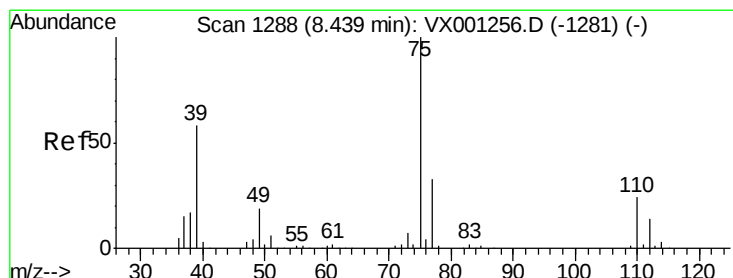
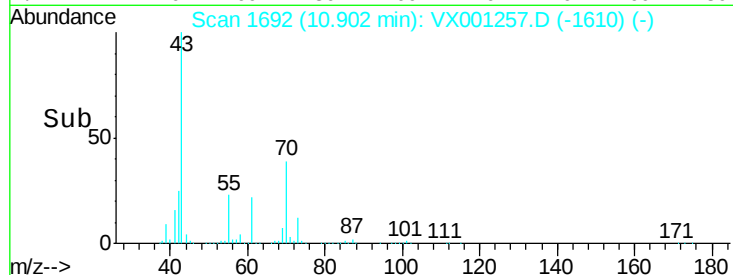
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 49.279 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001257.D

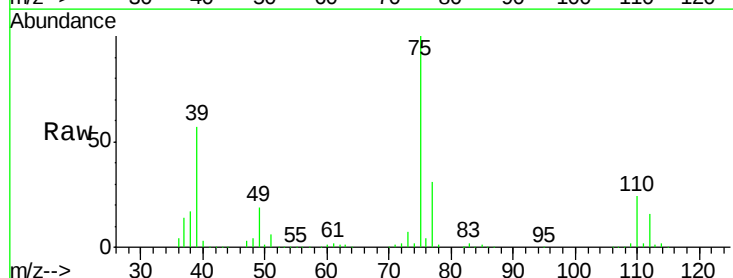
Acq: 30 Apr 2018 11:27

Tgt Ion: 75 Resp: 189946

Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

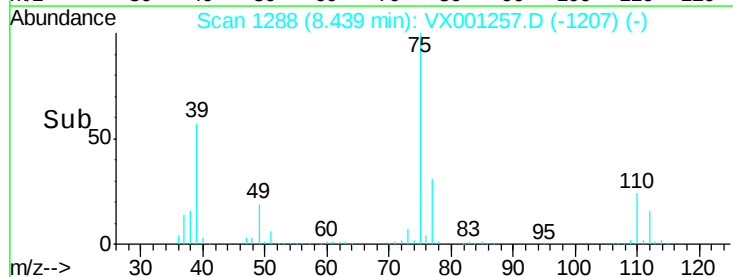
8.44

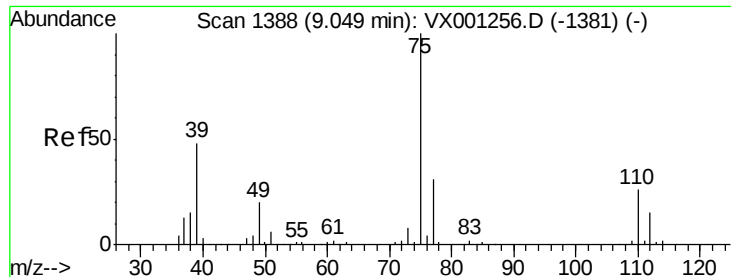
100000

50000

0

Time-->



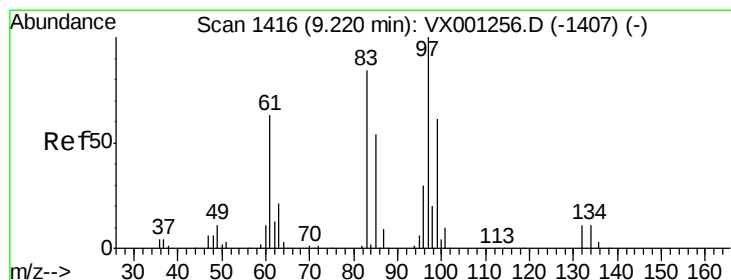
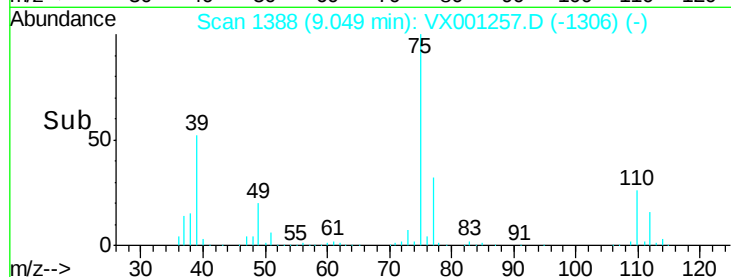
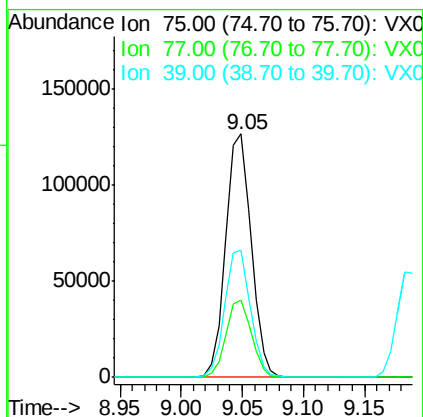
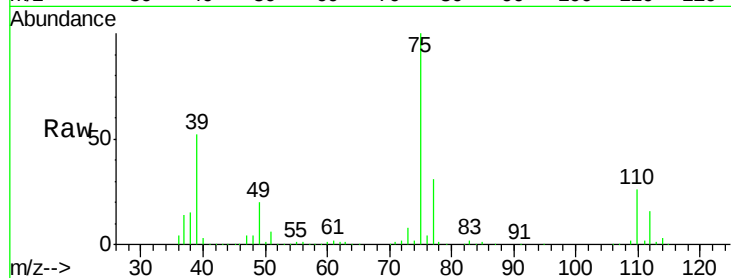


#49
 cis-1,3-Dichloropropene
 Concen: 48.840 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 75 Resp: 183196

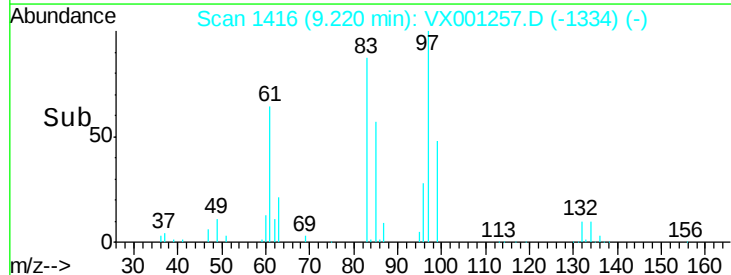
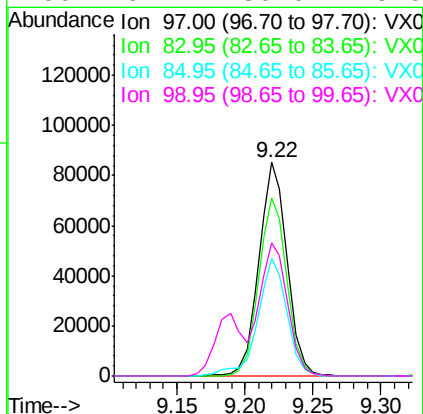
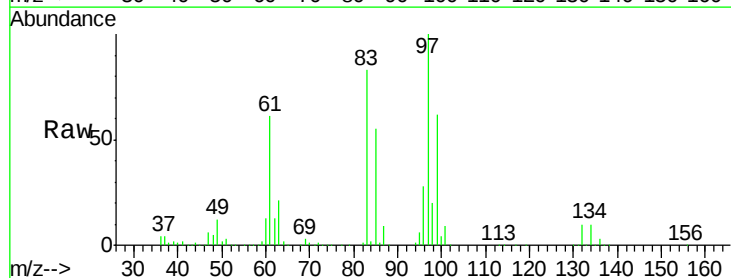
Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.5	36.7
39	52.2	35.6	53.4

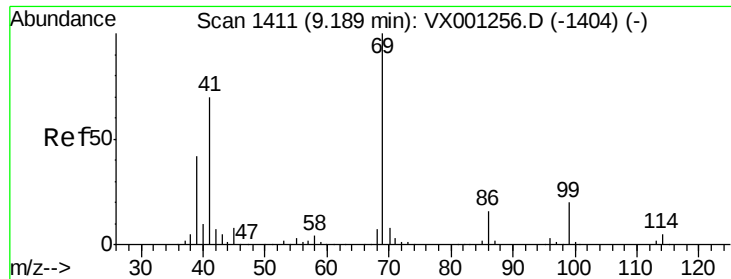


#50
 1,1,2-Trichloroethane
 Concen: 48.496 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion: 97 Resp: 124039

Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.9	100.3
85	55.1	44.4	66.6
99	62.2	50.0	75.0

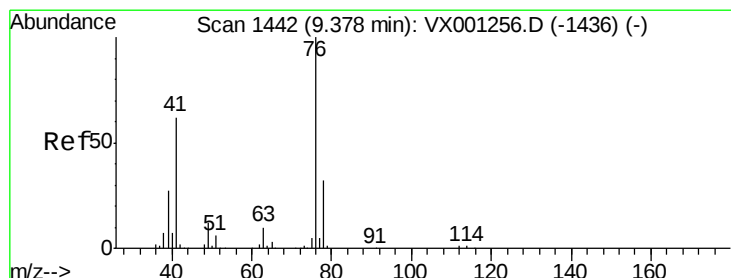
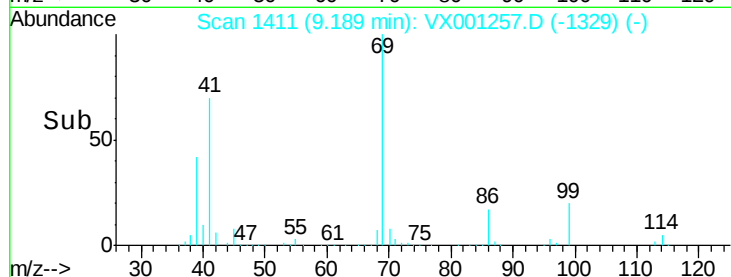
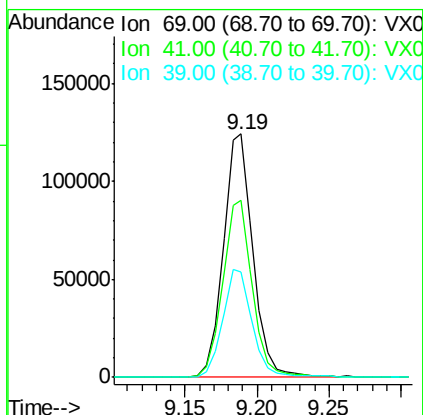
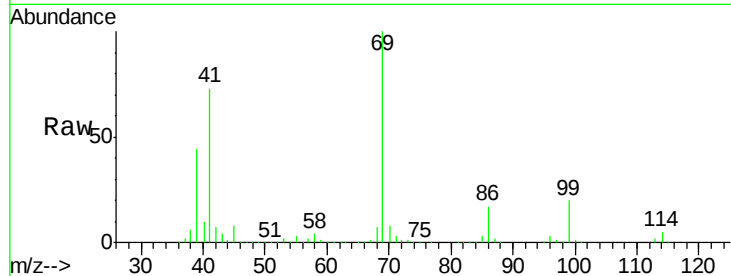




#51
Ethyl methacrylate
Concen: 45.447 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

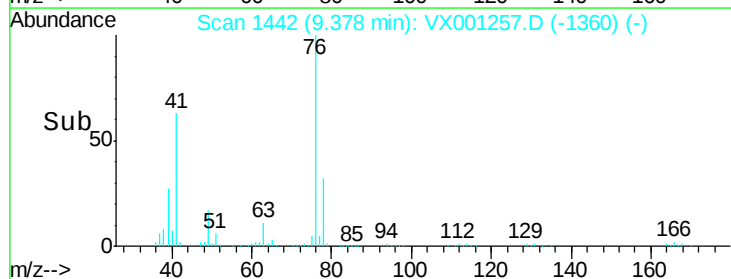
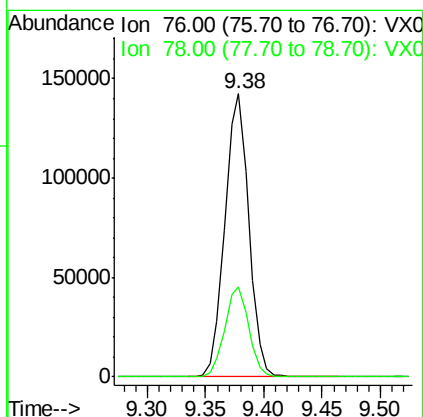
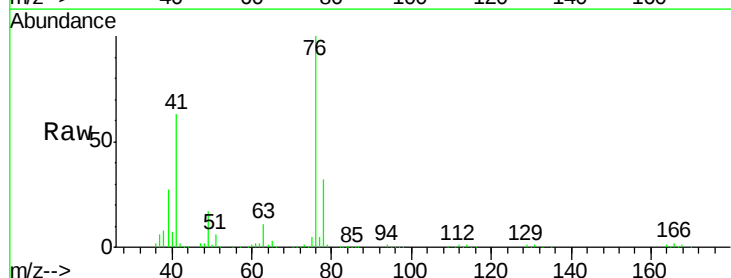
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

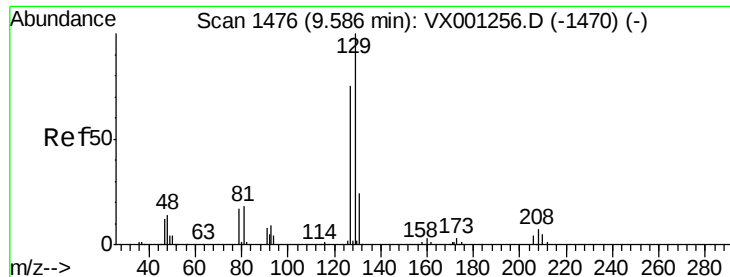
Tot Ion: 69 Resp: 178090
Ion Ratio Lower Upper
69 100
41 72.8 32.1 96.3
39 43.4 19.6 58.7



#52
1,3-Dichloropropane
Concen: 49.377 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 76 Resp: 202566
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0





#53

Dibromochloromethane

Concen: 49.255 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

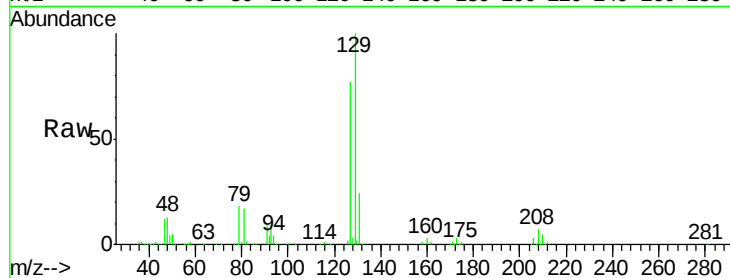
VSTDIC050

Tot Ion:129 Resp: 140167

Ion Ratio Lower Upper

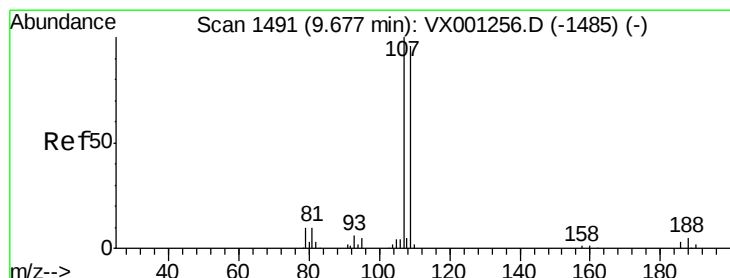
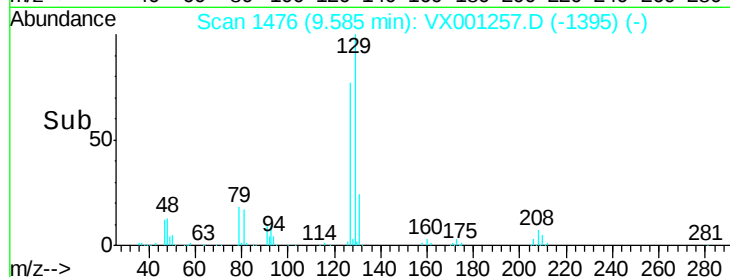
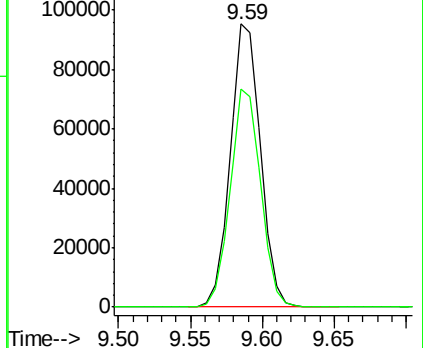
129 100

127 77.7 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 47.121 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001257.D

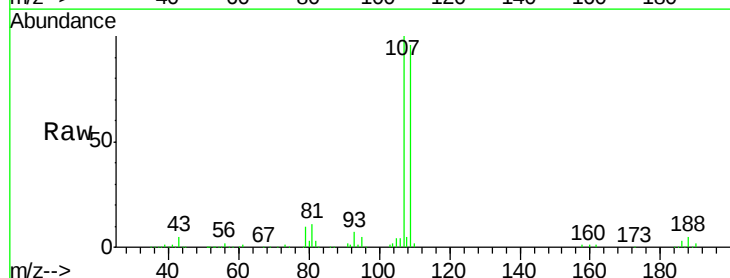
Acq: 30 Apr 2018 11:27

Tgt Ion:107 Resp: 134328

Ion Ratio Lower Upper

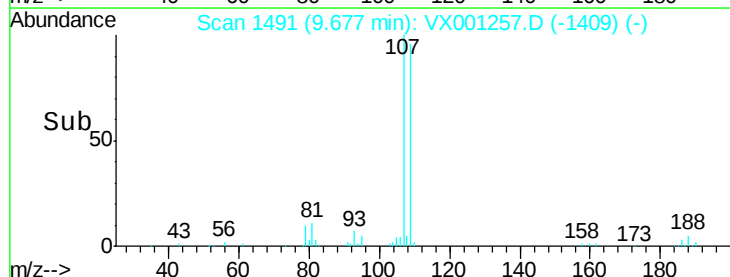
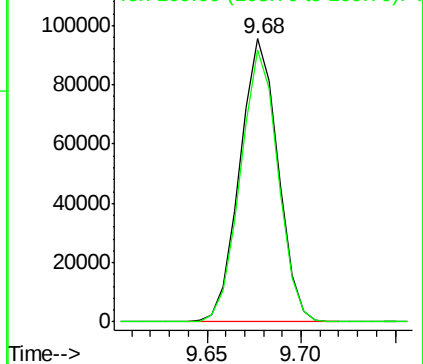
107 100

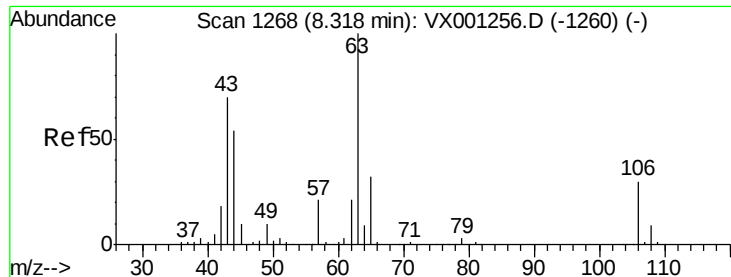
109 94.7 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

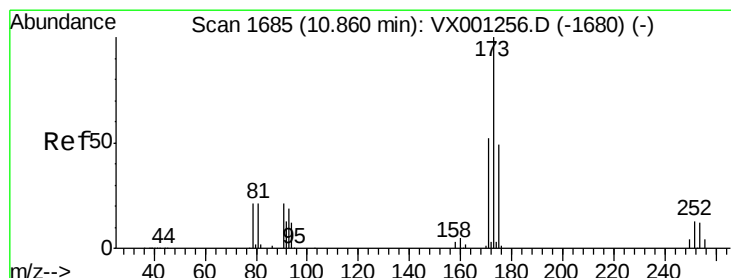
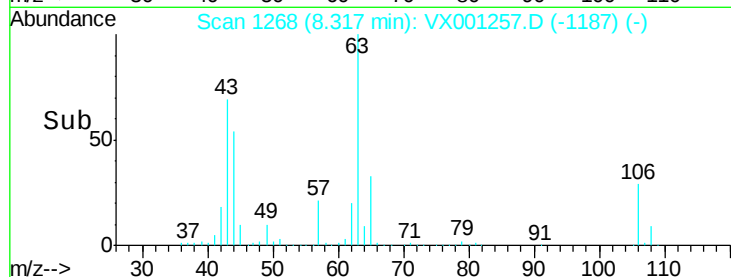
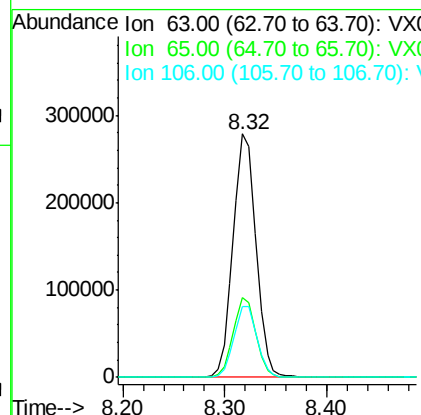
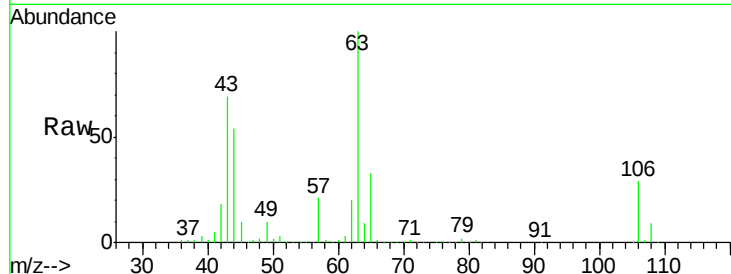




#55
2-Chloroethyl vinyl ether
Concen: 253.800 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

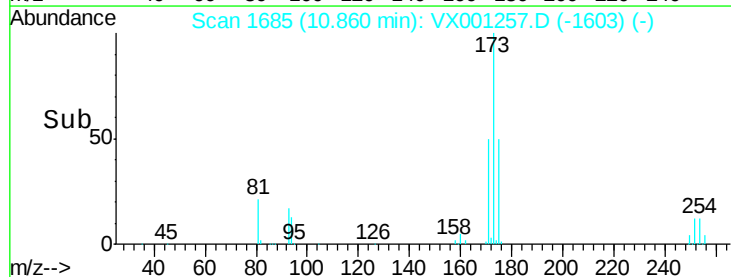
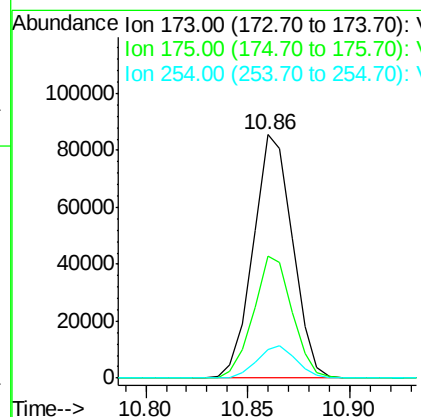
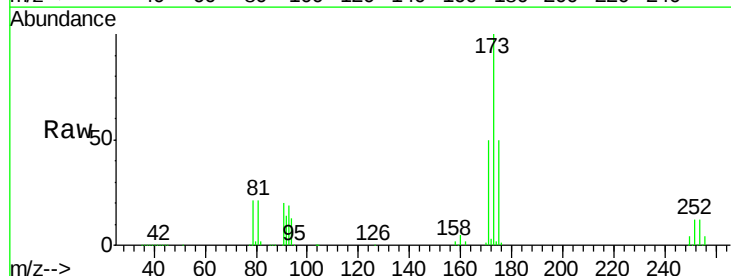
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

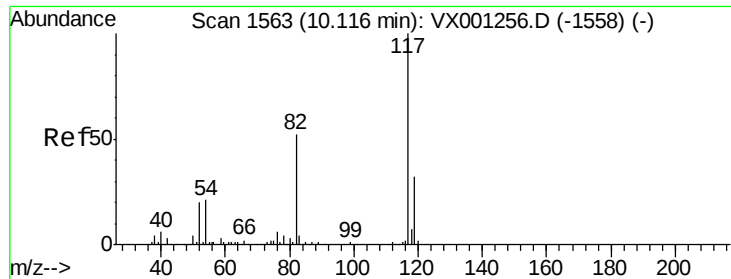
Tot Ion: 63 Resp: 434273
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.8
106 29.5 23.8 35.6



#56
Bromoform
Concen: 49.998 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 173 Resp: 115229
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.4
254 13.2 7.0 10.4#

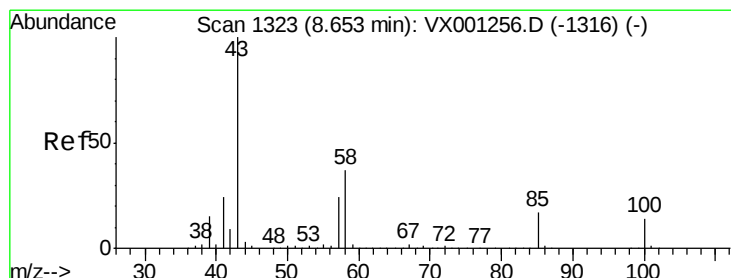
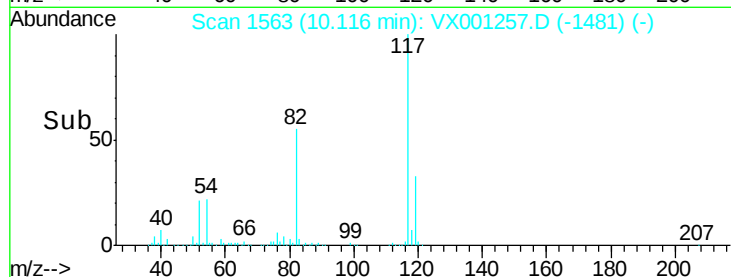
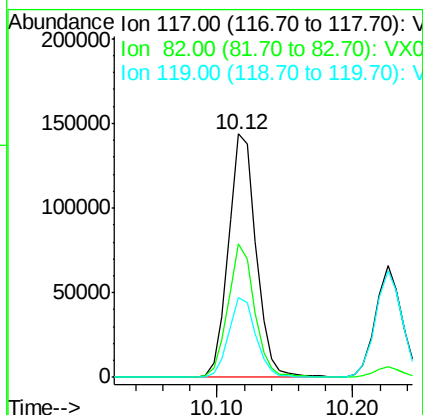
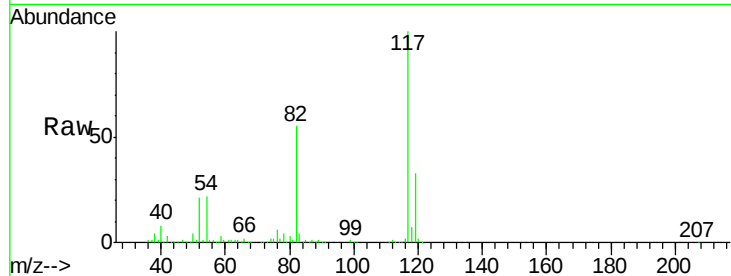




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

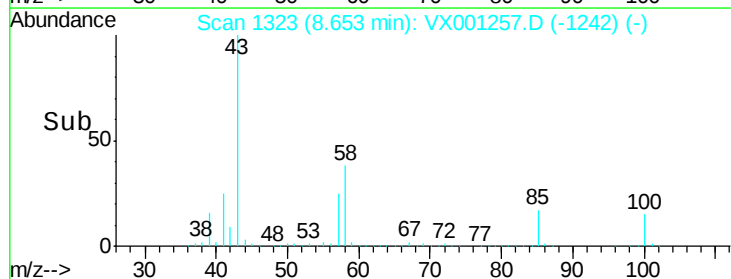
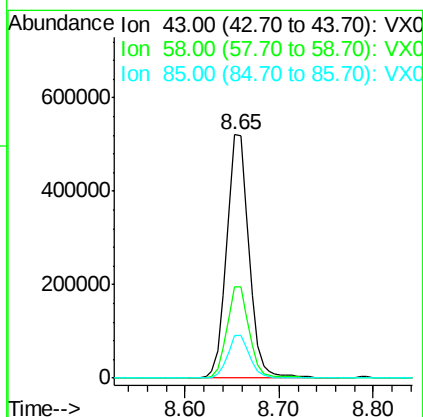
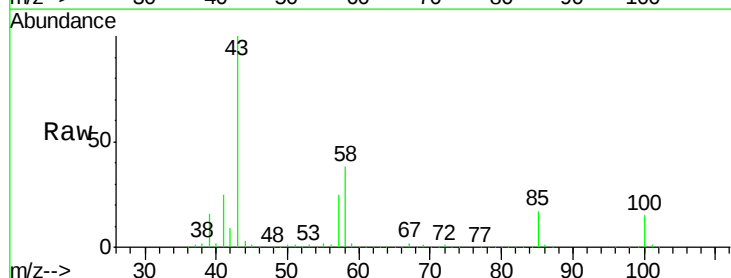
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

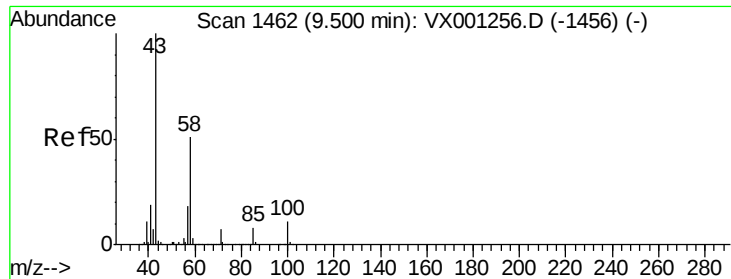
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	32.4	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 192.754 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.8	44.8
85	17.4	14.9	22.3

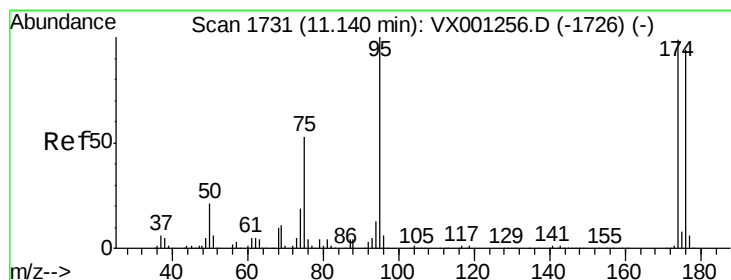
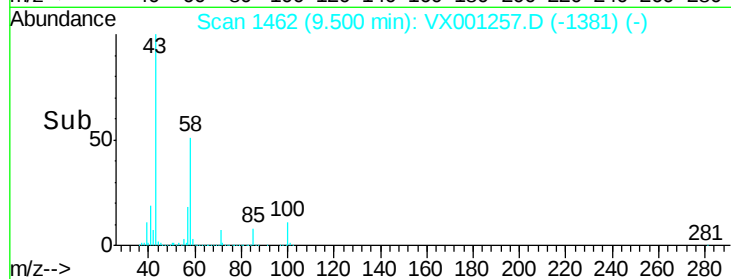
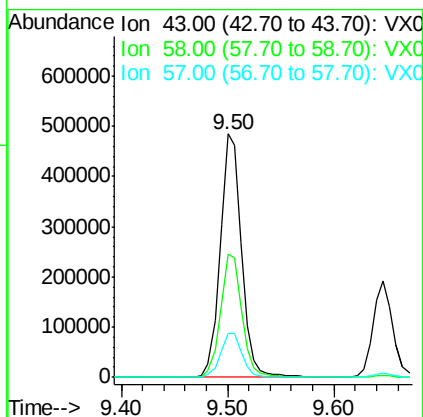
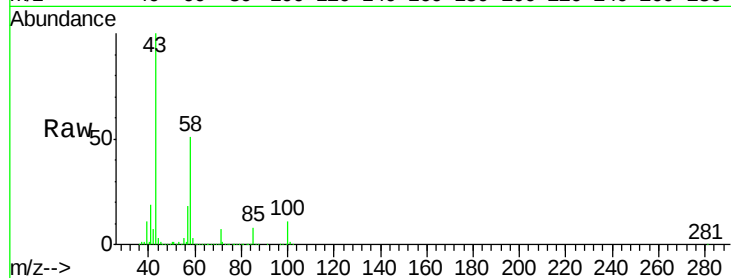




#59
2-Hexanone
Concen: 178.934 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

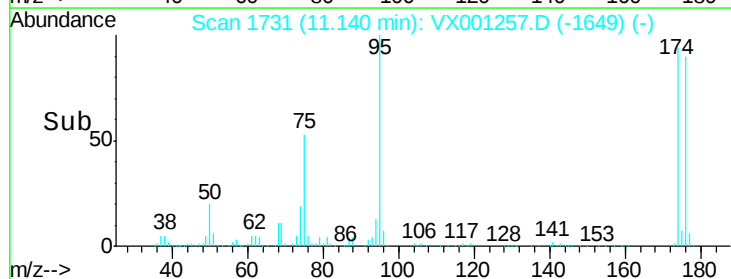
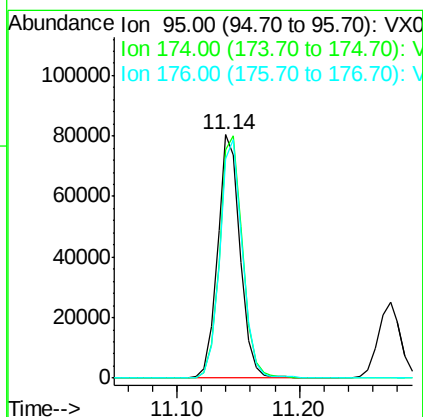
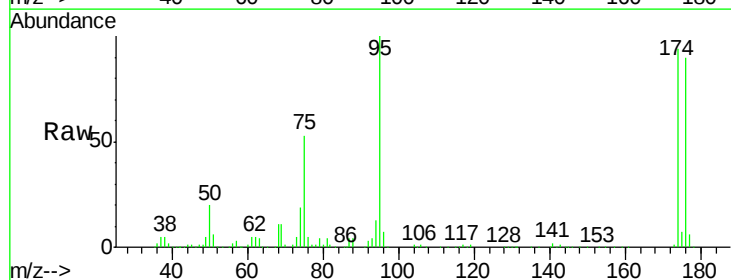
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

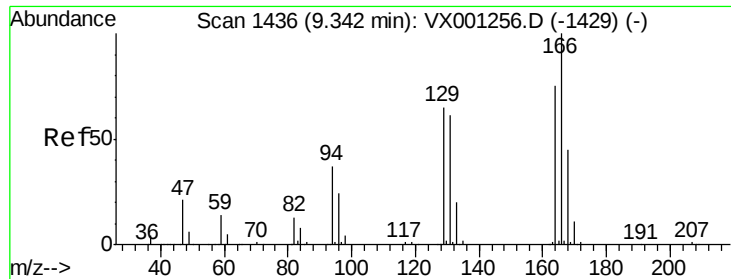
Tot Ion	Ratio	Lower	Upper
43	100		
58	51.2	43.0	64.6
57	18.5	14.4	21.6



#60
4-Bromofluorobenzene
Concen: 30.908 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	100.5	71.1	106.7
176	97.8	69.3	103.9





#61

Tetrachloroethene

Concen: 61.913 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 153346

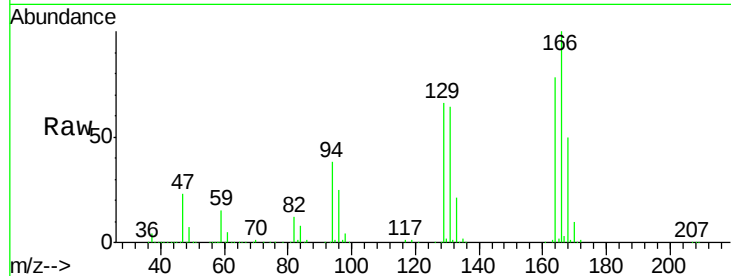
Ion Ratio Lower Upper

164 100

166 128.1 99.0 148.4

129 84.3 77.0 115.6

131 81.7 75.8 113.6

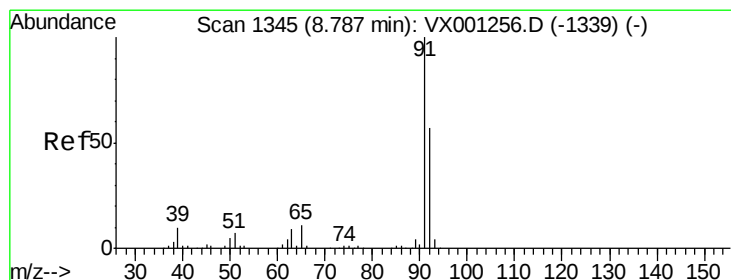
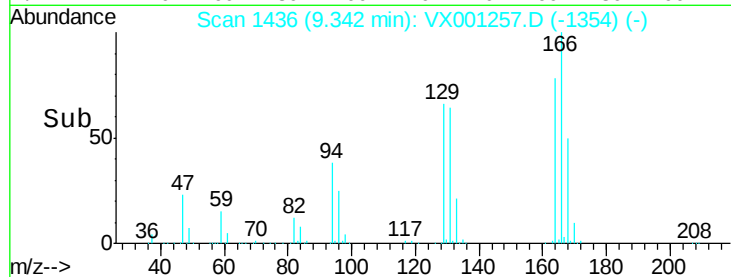
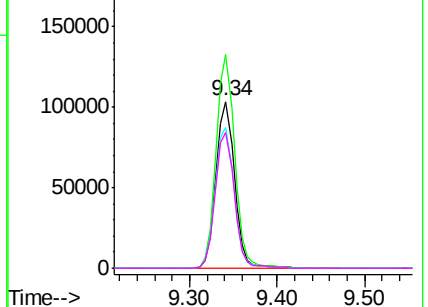


Abundance Ion 163.85 (163.55 to 164.55): V

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: 50.981 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001257.D

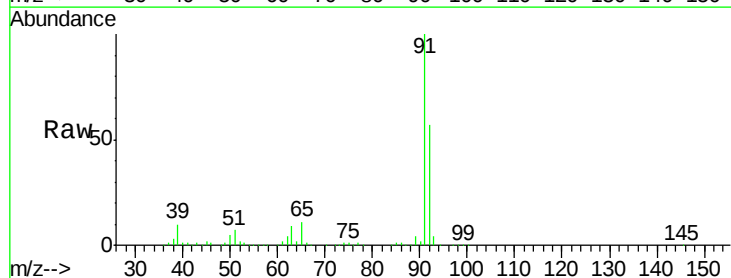
Acq: 30 Apr 2018 11:27

Tgt Ion: 91 Resp: 541066

Ion Ratio Lower Upper

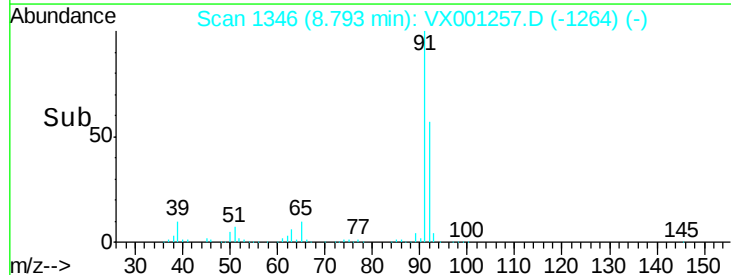
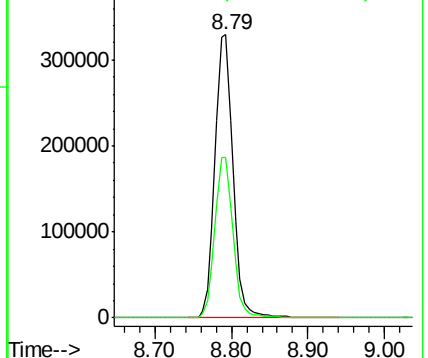
91 100

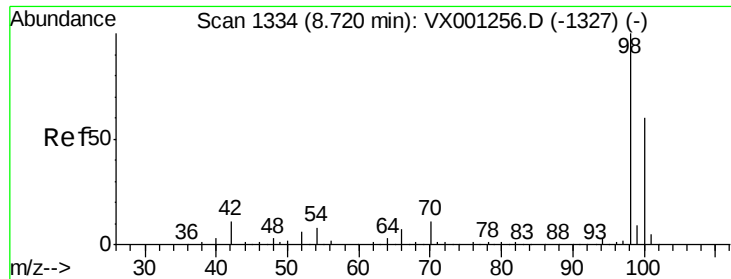
92 57.0 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

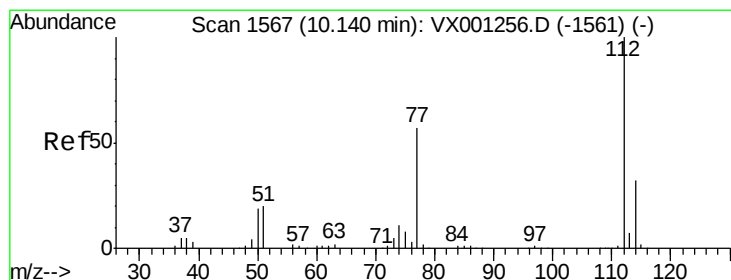
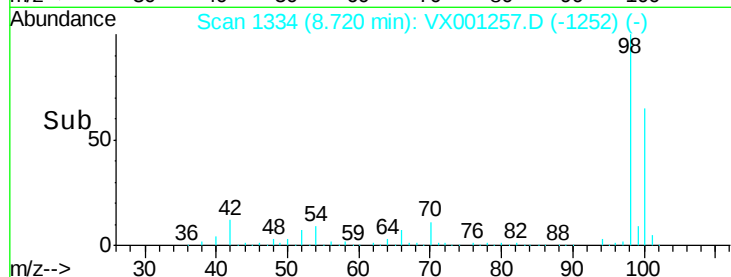
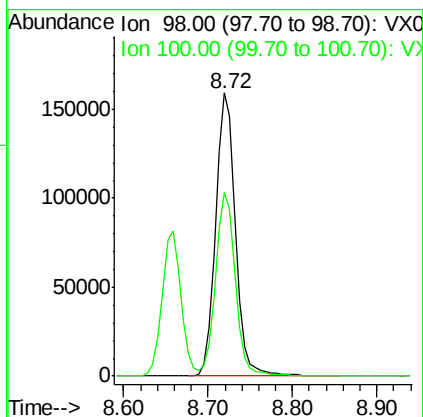
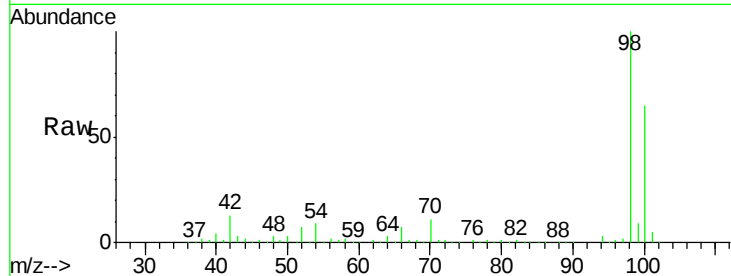




#63
Toluene-d8
Concen: 29.714 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

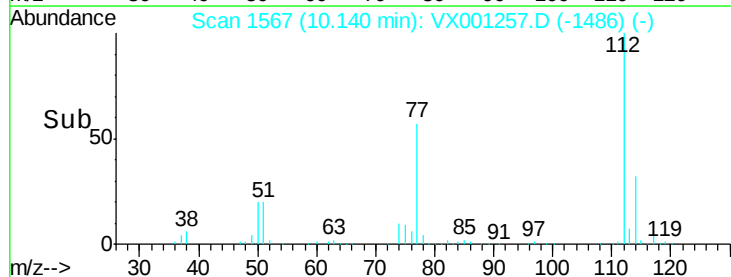
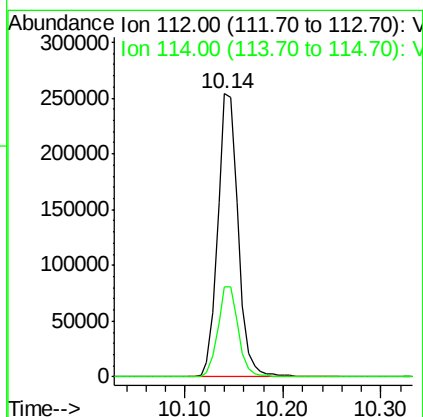
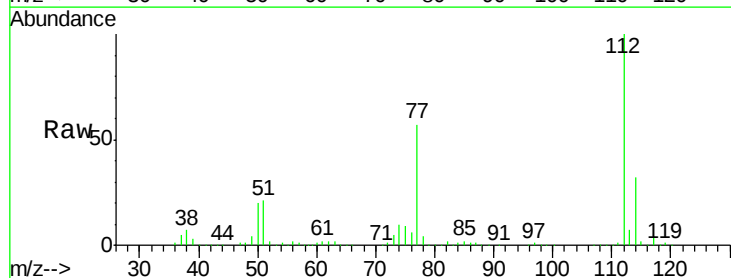
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

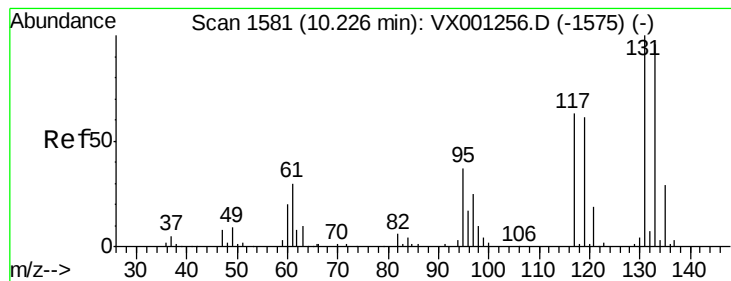
Tot Ion: 98 Resp: 259622
Ion Ratio Lower Upper
98 100
100 65.1 50.0 75.0



#64
Chlorobenzene
Concen: 51.064 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 112 Resp: 366219
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 53.169 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

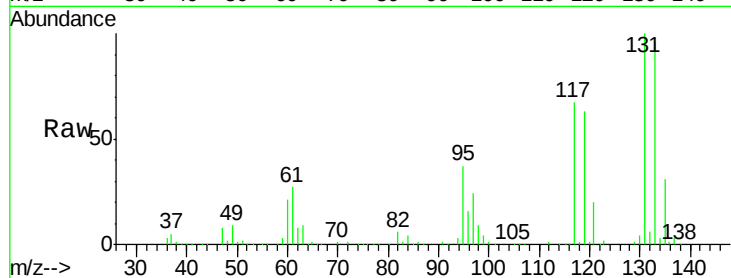
Tot Ion:131 Resp: 135064

Ion Ratio Lower Upper

131 100

133 96.7 0.0 187.6

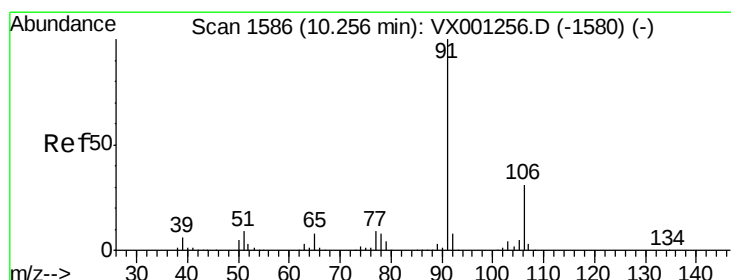
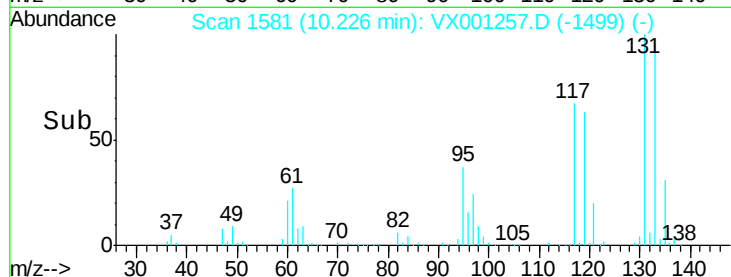
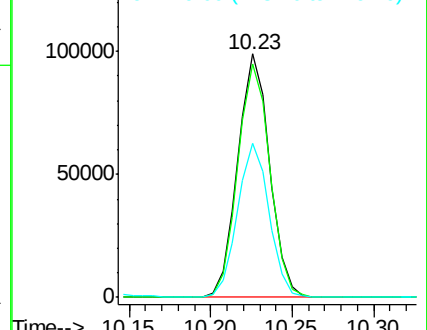
119 62.9 0.0 134.0



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: 50.551 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001257.D

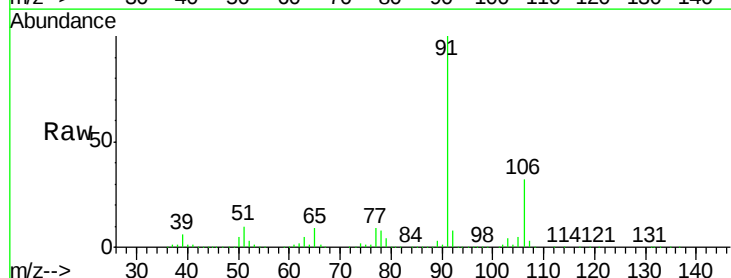
Acq: 30 Apr 2018 11:27

Tgt Ion: 91 Resp: 612379

Ion Ratio Lower Upper

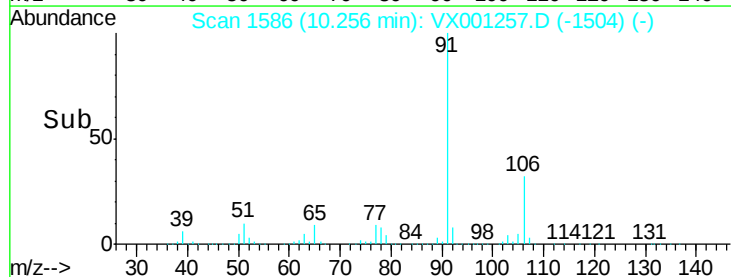
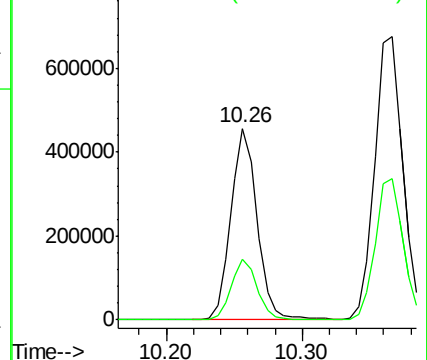
91 100

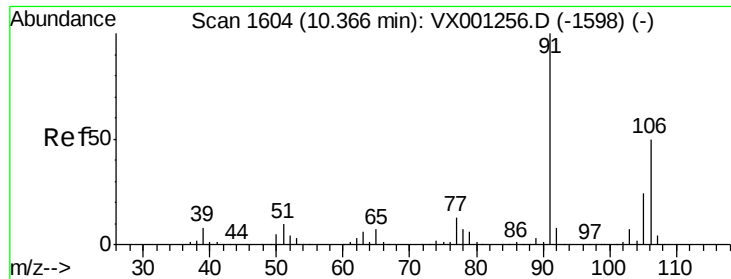
106 31.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

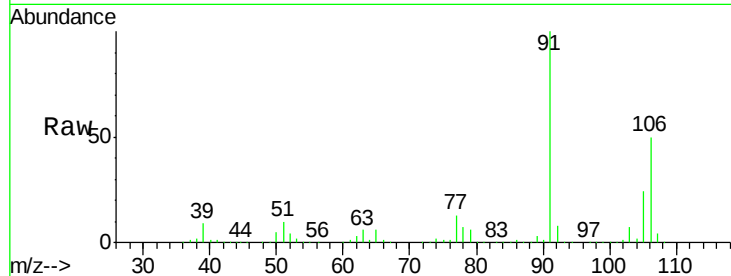




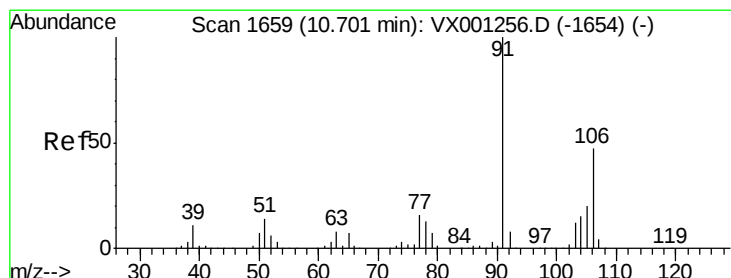
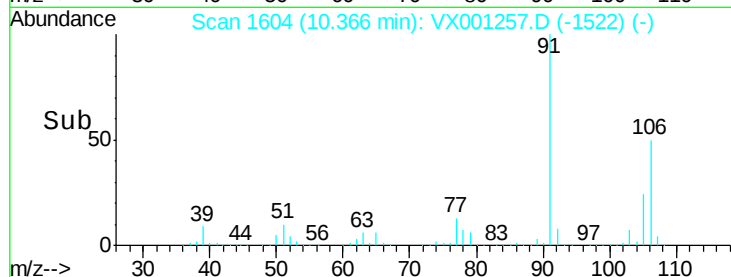
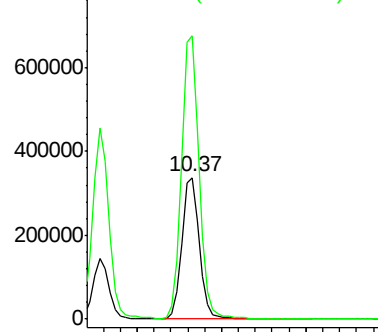
#67
m/p-Xylenes
Concen: 102.786 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:106 Resp: 488132
Ion Ratio Lower Upper
106 100
91 200.5 161.6 242.4

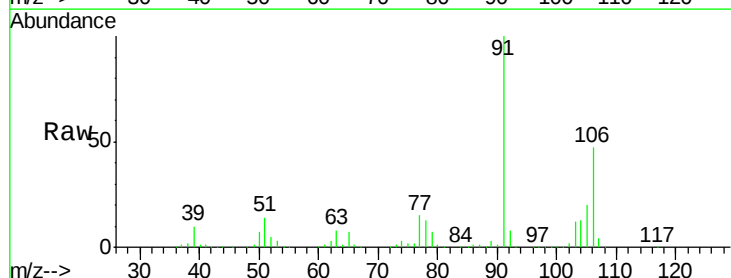


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

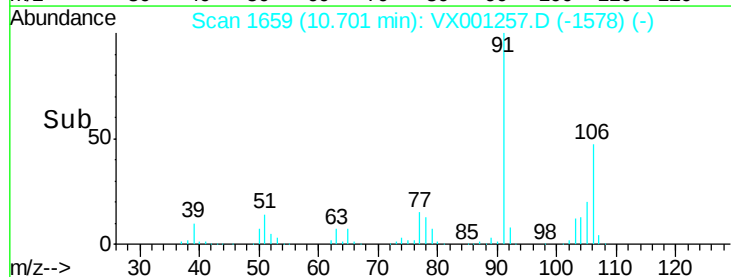
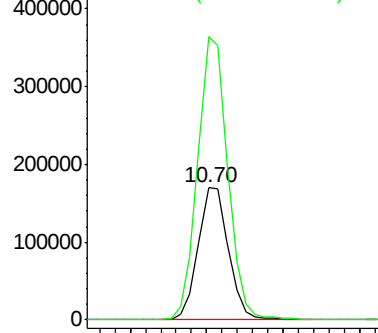


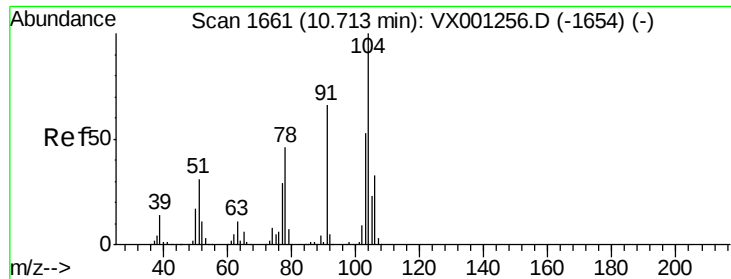
#68
o-Xylene
Concen: 50.665 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion:106 Resp: 233708
Ion Ratio Lower Upper
106 100
91 213.3 105.6 316.8



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

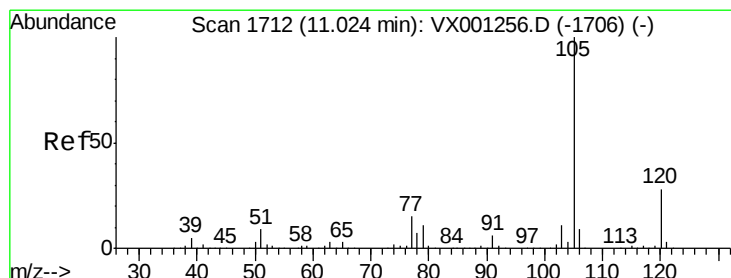
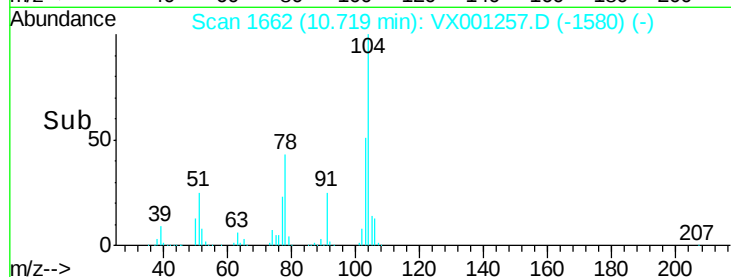
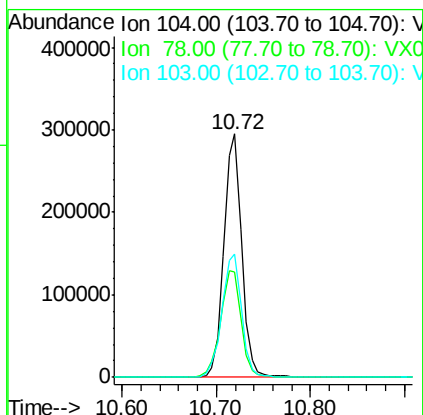
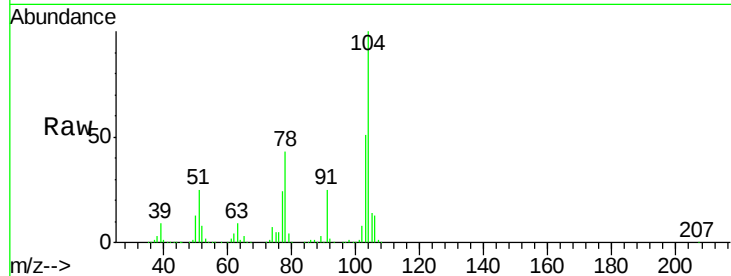




#69
Stvrene
Concen: 50.985 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

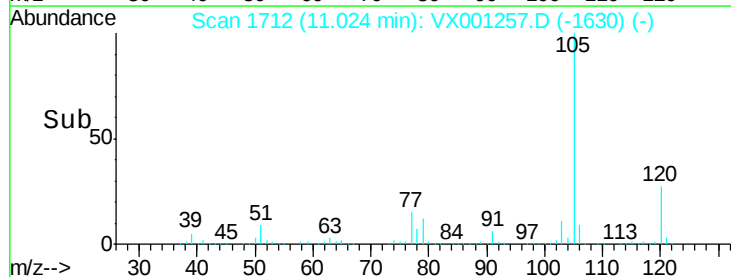
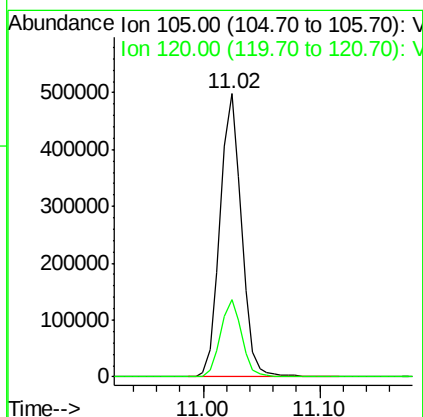
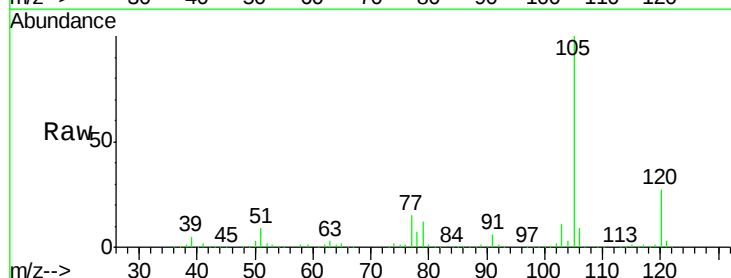
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

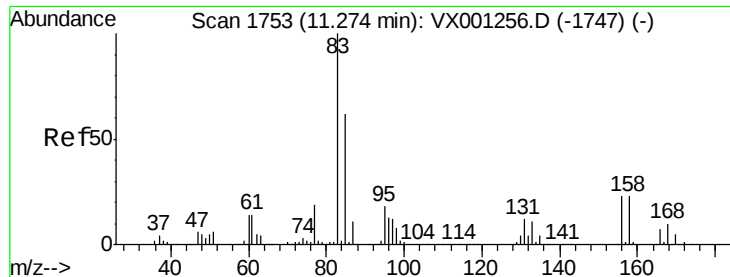
Tot Ion:104 Resp: 389591
Ion Ratio Lower Upper
104 100
78 50.4 39.0 58.4
103 56.0 44.7 67.1



#70
Isopropylbenzene
Concen: 50.844 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion:105 Resp: 633977
Ion Ratio Lower Upper
105 100
120 27.0 18.8 35.0

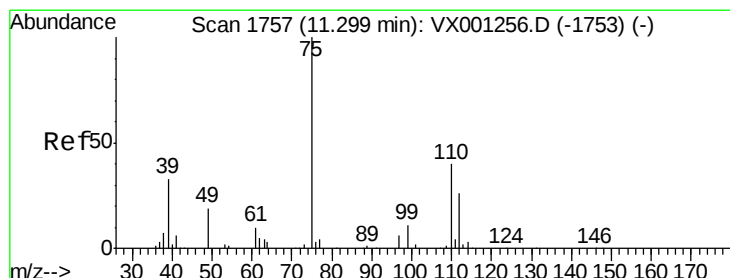
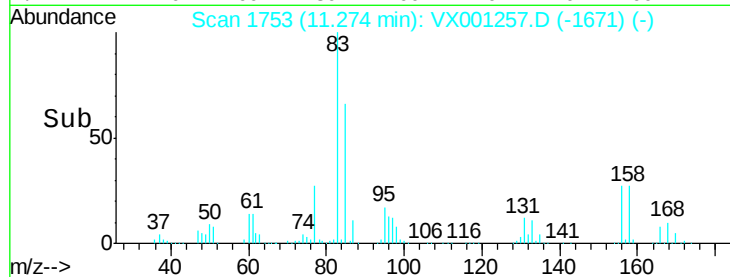
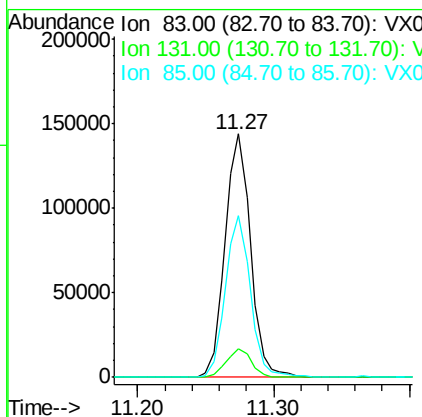
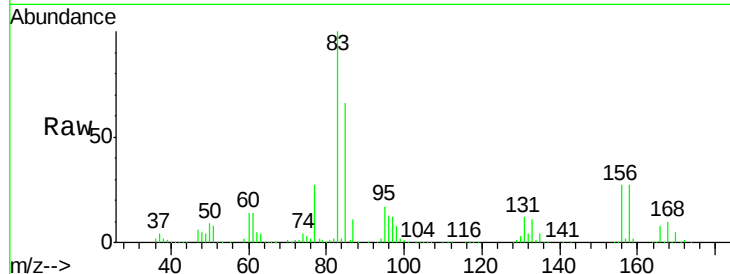




#71
 1,1,2,2-Tetrachloroethane
 Concen: 43.684 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

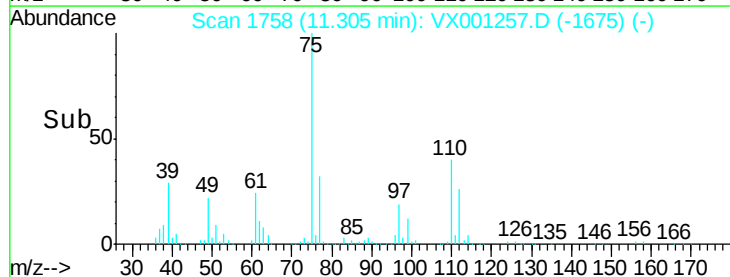
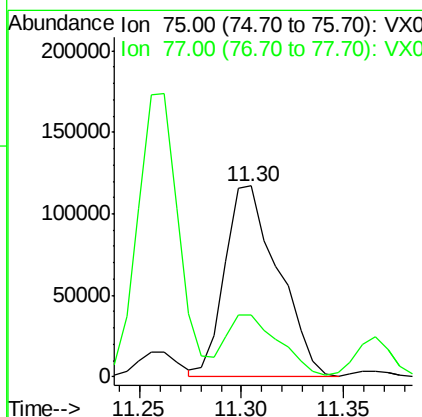
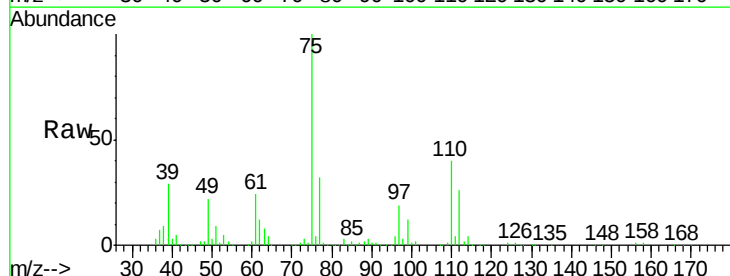
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

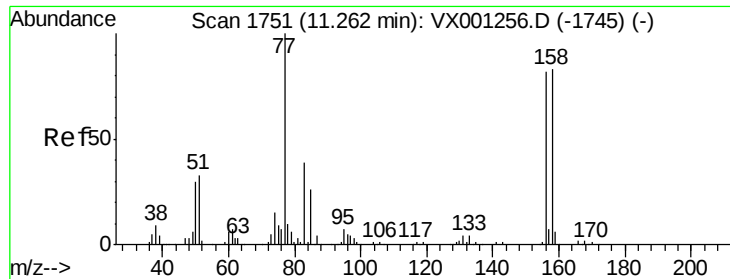
Tot Ion	83	Resp	187426
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.3	16.1
85	65.4	32.5	97.5



#72
 1,2,3-Trichloropropane
 Concen: 55.362 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion	75	Resp	213062
Ion Ratio	Lower	Upper	
75	100		
77	31.6	0.0	85.8





#73

Bromobenzene

Concen: 56.031 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

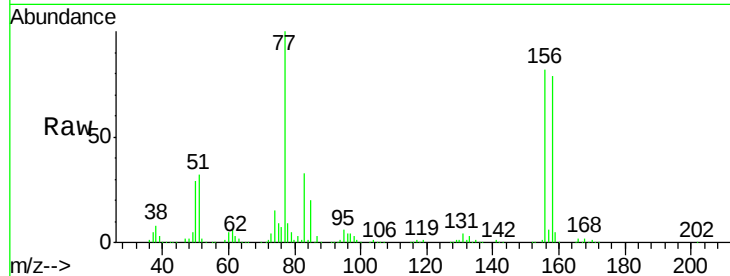
Tot Ion:156 Resp: 183167

Ion Ratio Lower Upper

156 100

77 132.1 0.0 280.2

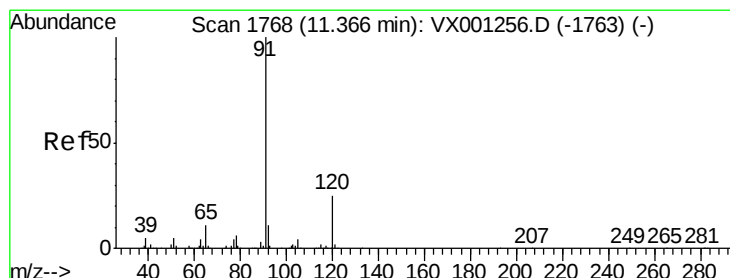
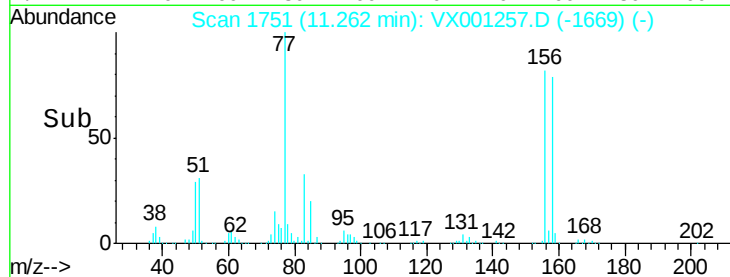
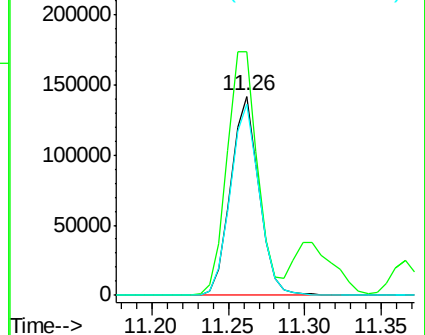
158 97.6 0.0 197.2



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: 49.446 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001257.D

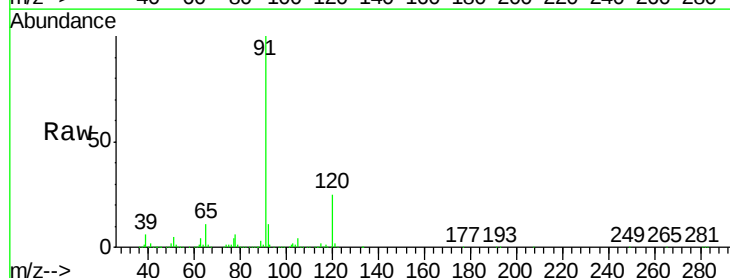
Acq: 30 Apr 2018 11:27

Tgt Ion: 91 Resp: 722686

Ion Ratio Lower Upper

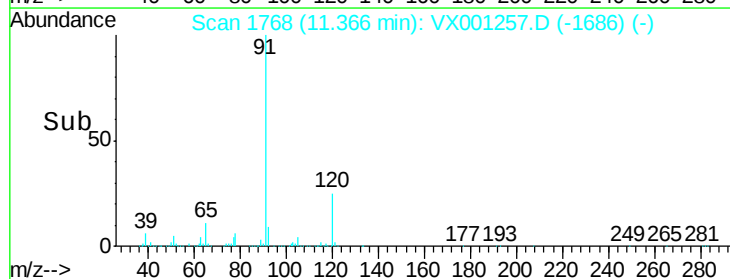
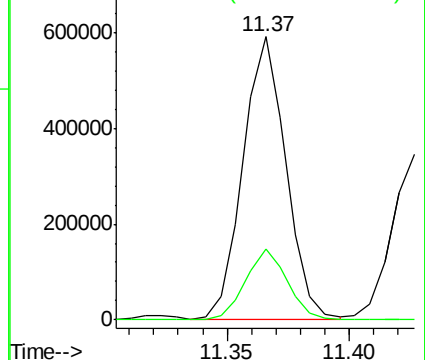
91 100

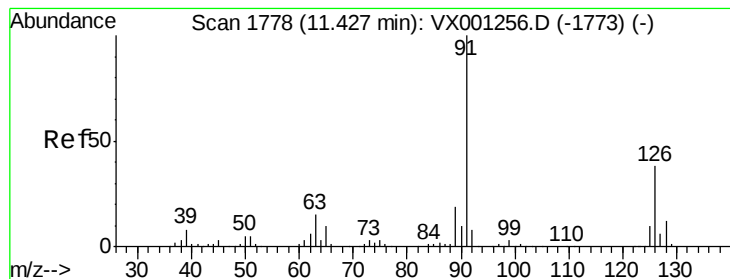
120 24.4 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

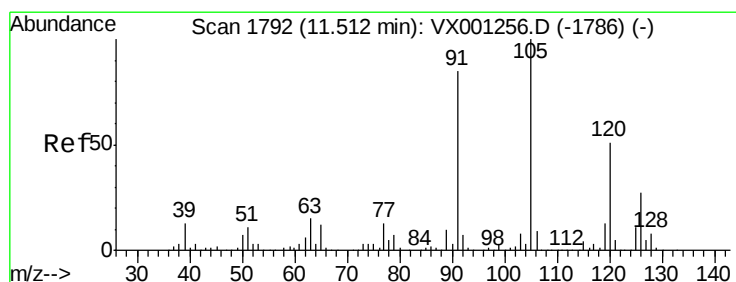
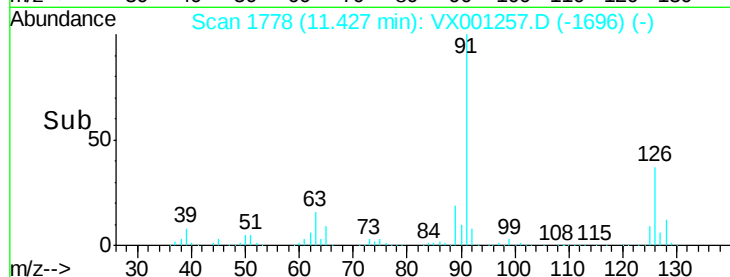
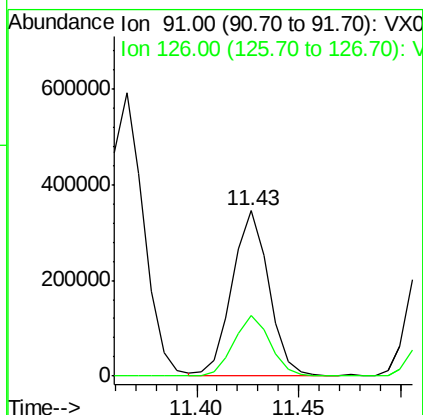
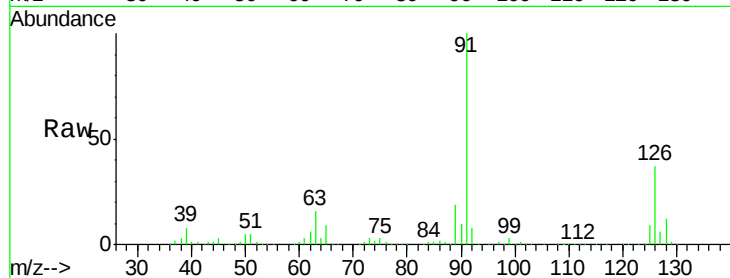




#75
 2-Chlorotoluene
 Concen: 51.610 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

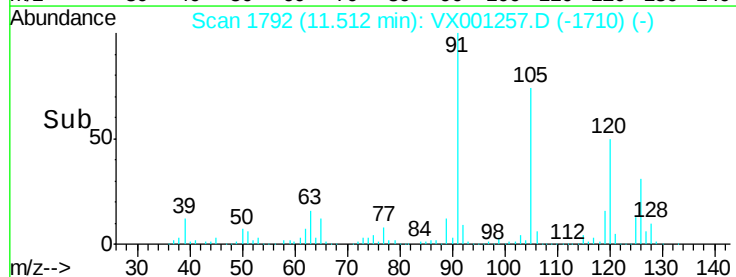
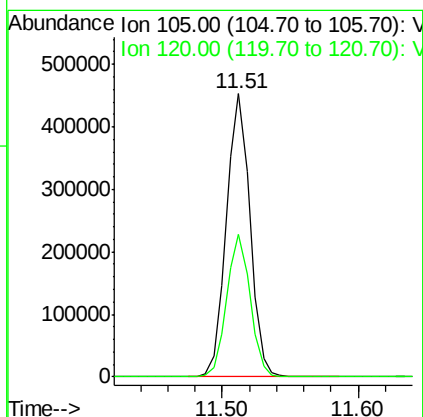
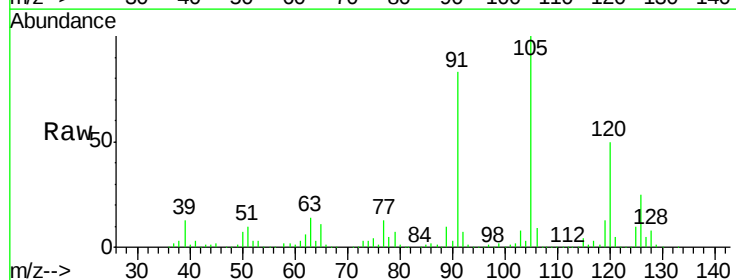
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

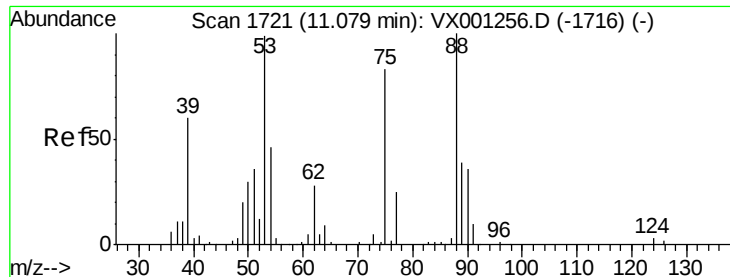
Tot Ion: 91 Resp: 433672
 Ion Ratio Lower Upper
 91 100
 126 36.1 0.0 71.4



#76
 1,3,5-Trimethylbenzene
 Concen: 51.593 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion: 105 Resp: 545188
 Ion Ratio Lower Upper
 105 100
 120 50.0 0.0 63.8





#77

t-1,4-Dichloro-2-butene

Concen: 37.725 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

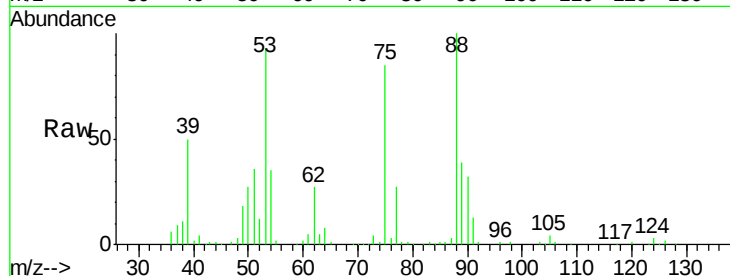
Tot Ion: 75 Resp: 51341

Ion Ratio Lower Upper

75 100

53 109.0 47.8 143.3

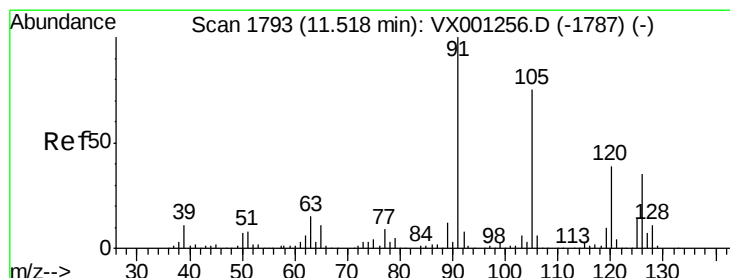
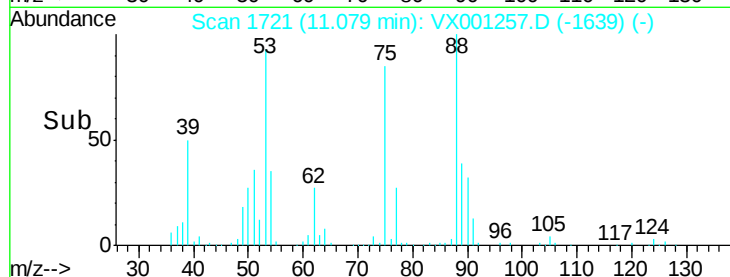
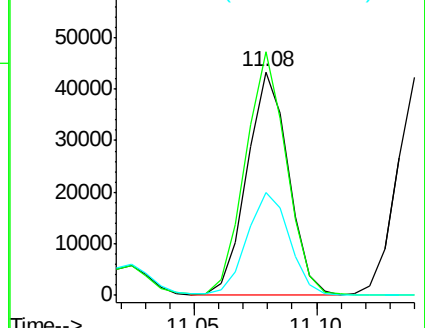
89 46.2 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 51.495 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001257.D

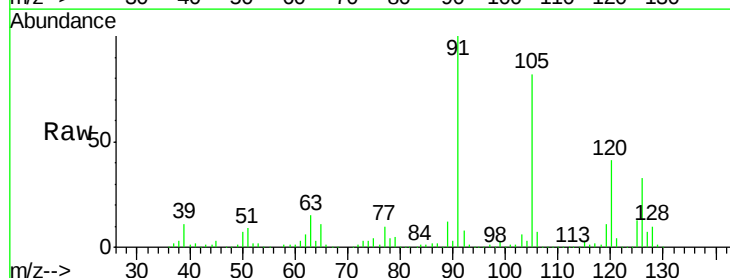
Acq: 30 Apr 2018 11:27

Tgt Ion: 91 Resp: 518393

Ion Ratio Lower Upper

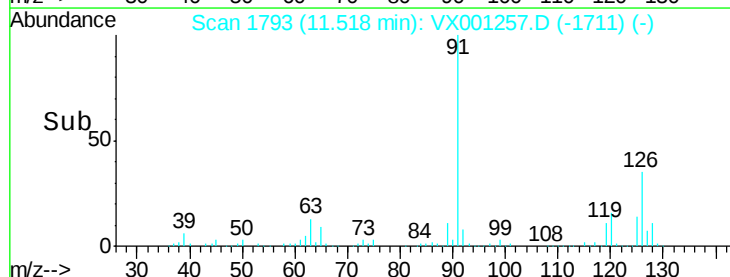
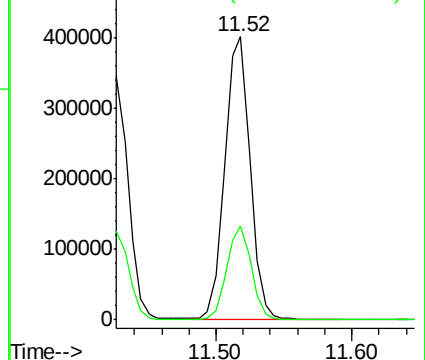
91 100

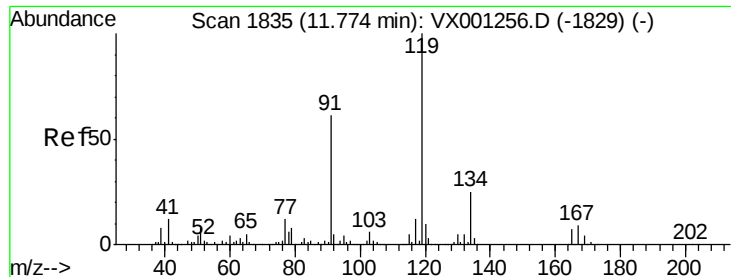
126 32.2 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

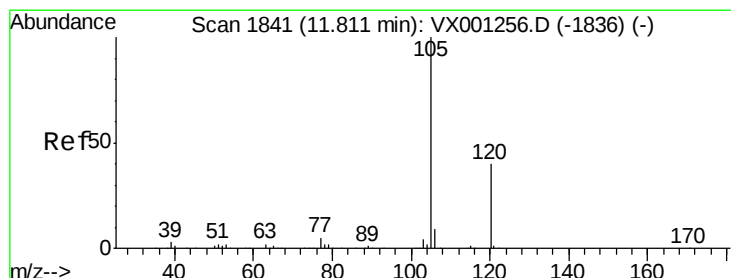
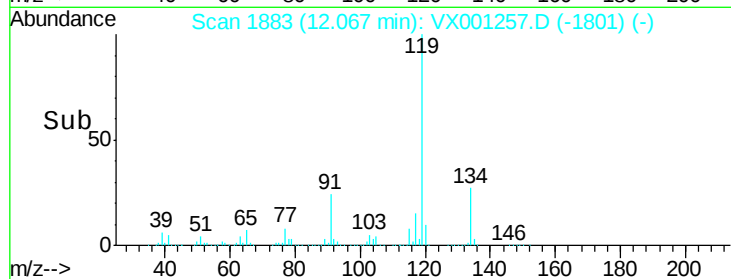
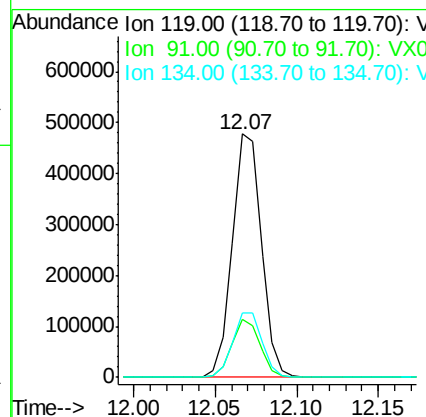
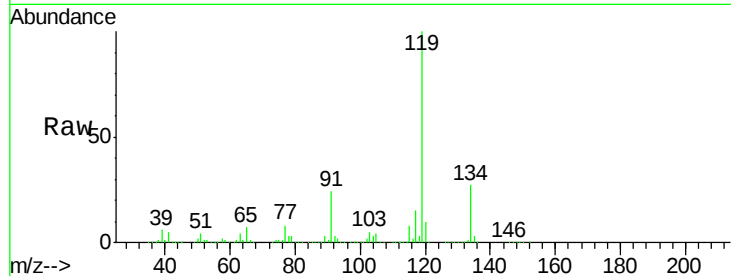




#79
tert-butylbenzene
Concen: 56.290 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

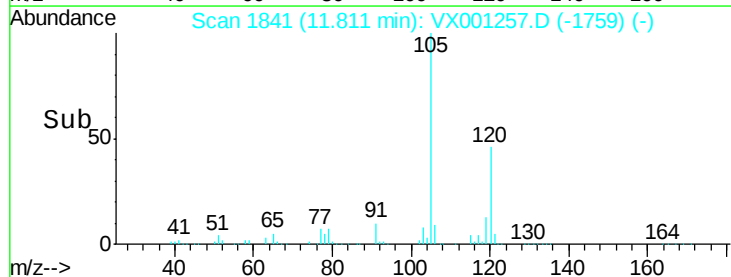
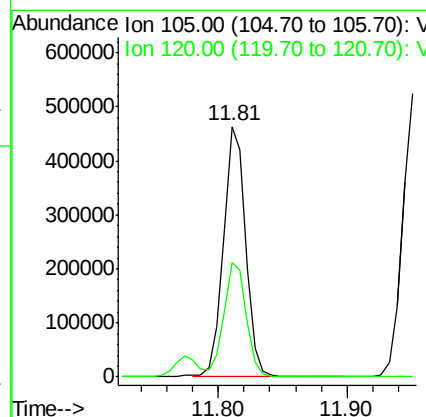
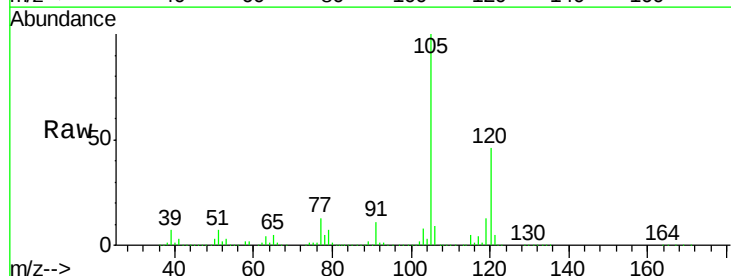
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

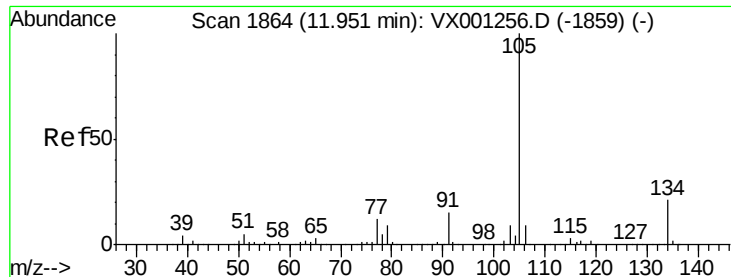
Tot Ion:119 Resp: 592037
Ion Ratio Lower Upper
119 100
91 23.1 0.0 51.6
134 27.0 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 52.098 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion:105 Resp: 561581
Ion Ratio Lower Upper
105 100
120 45.7 0.0 93.0





#81

sec-Butylbenzene

Concen: 48.732 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

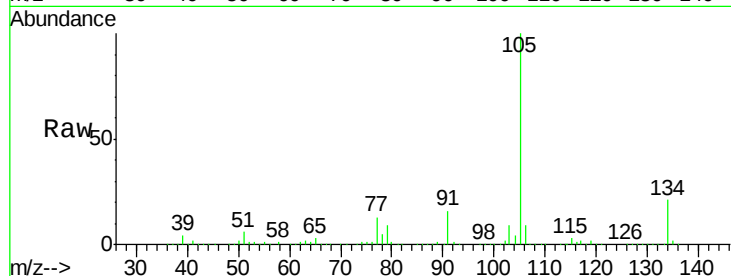
VSTDIC050

Tot Ion:105 Resp: 633602

Ion Ratio Lower Upper

105 100

134 21.4 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

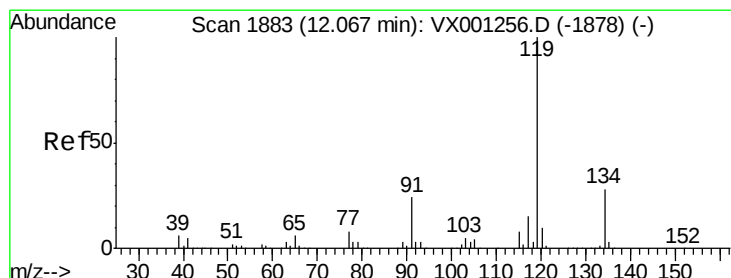
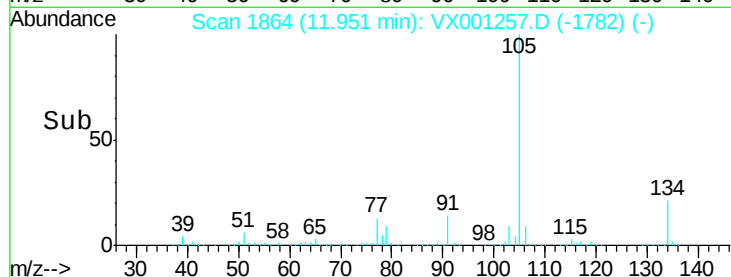
200000

100000

0

11.90 11.95 12.00

Time-->



#82

p-Isopropyltoluene

Concen: 51.042 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001257.D

Acq: 30 Apr 2018 11:27

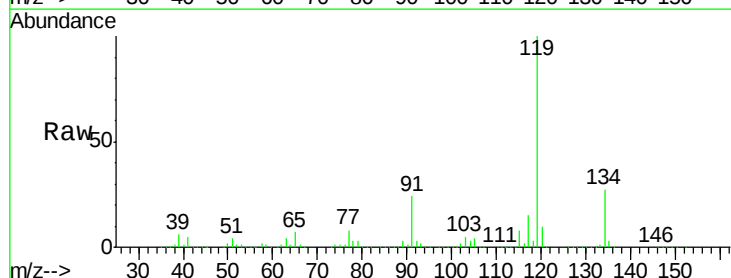
Tgt Ion:119 Resp: 592037

Ion Ratio Lower Upper

119 100

134 27.0 0.0 54.4

91 23.1 0.0 46.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

600000

500000

400000

300000

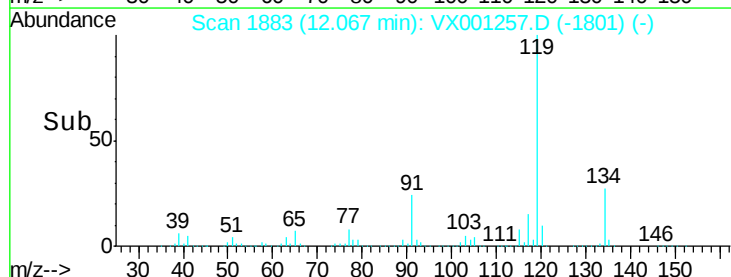
200000

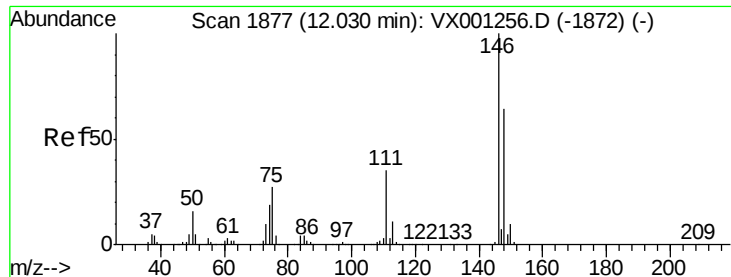
100000

0

12.00 12.05 12.10 12.15

Time-->

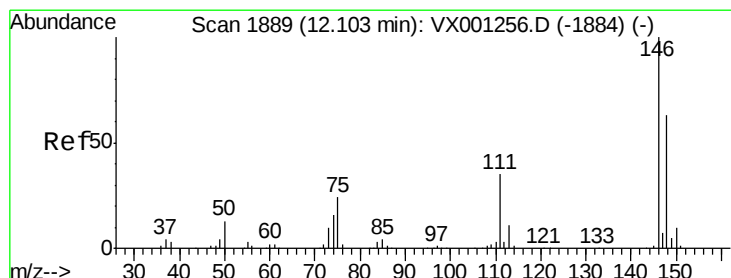
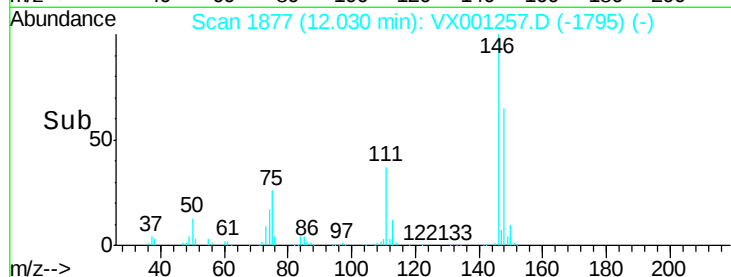
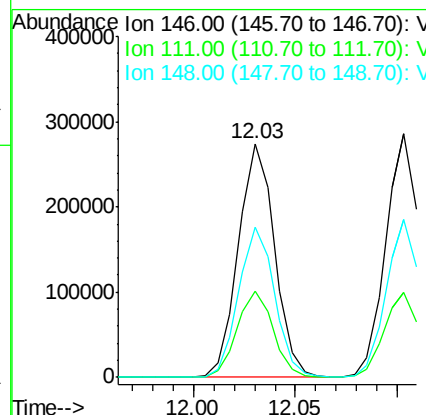
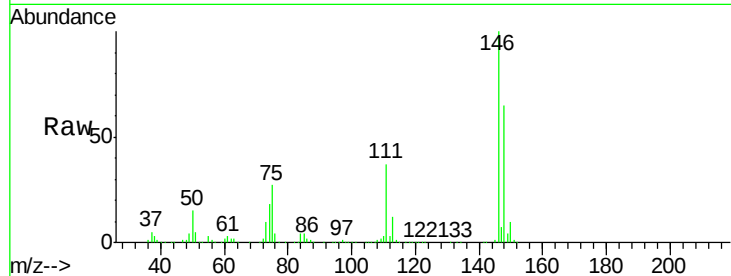




#83
 1,3-Dichlorobenzene
 Concen: 54.154 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

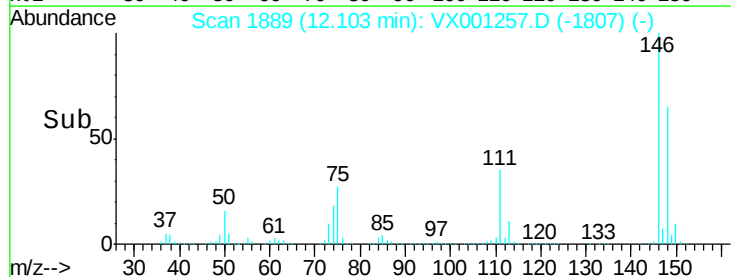
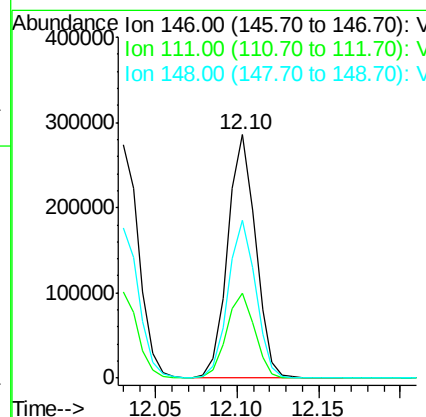
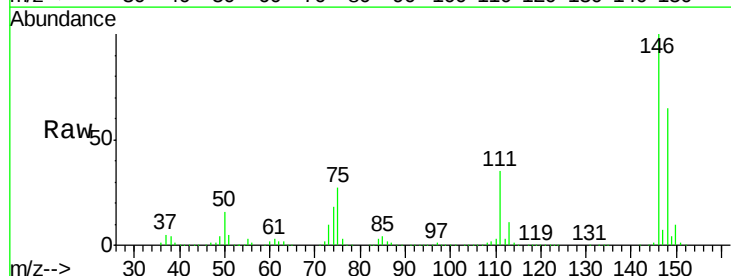
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

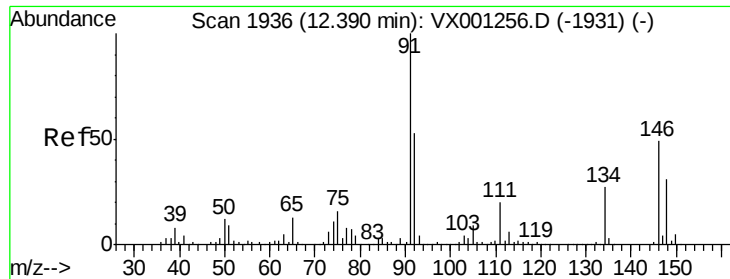
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.4	58.2
148	64.2	32.6	97.7



#84
 1,4-Dichlorobenzene
 Concen: 52.536 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.4	55.0
148	64.4	31.9	95.7

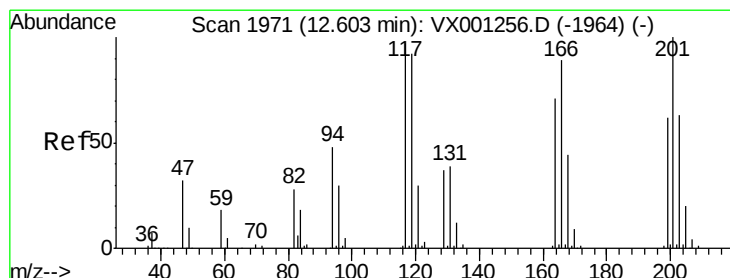
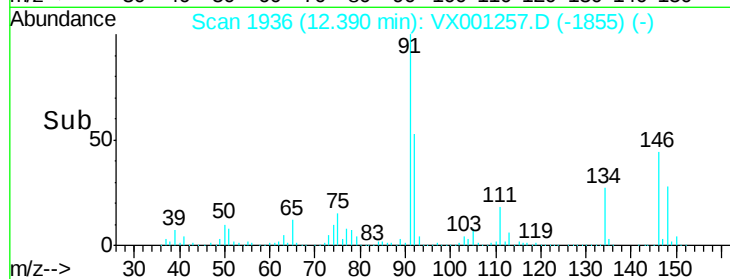
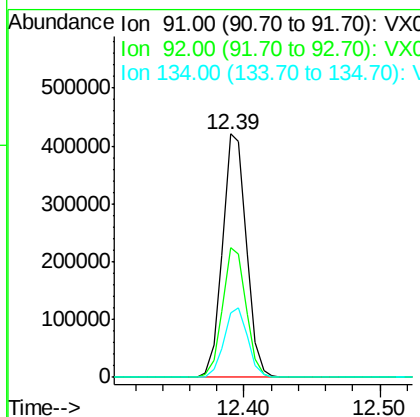
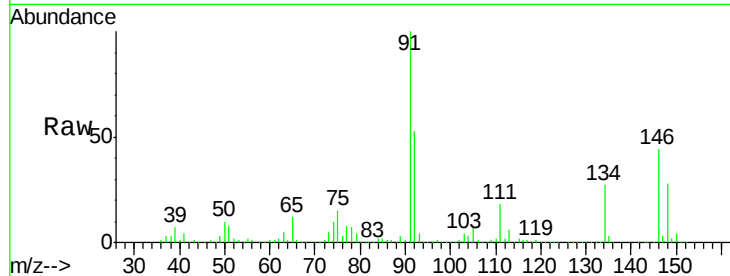




#85
n-Butylbenzene
Concen: 46.830 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

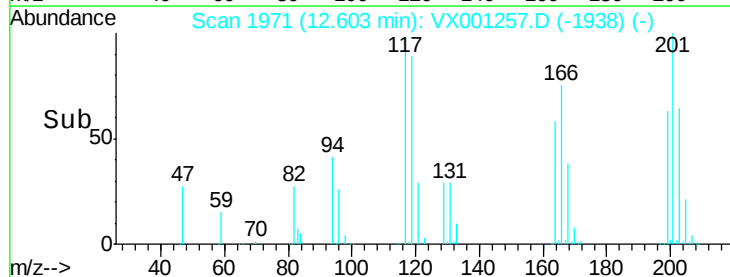
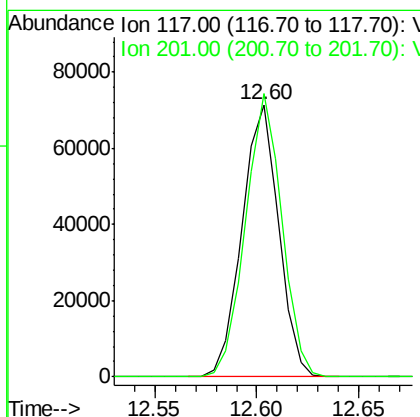
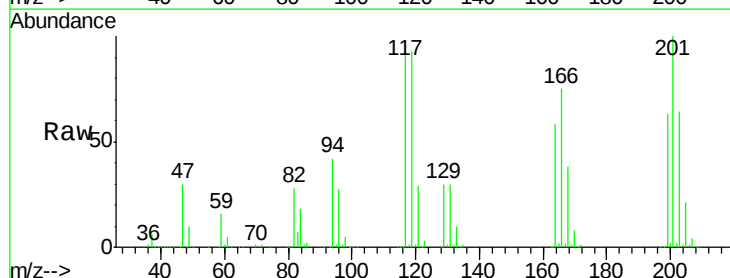
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

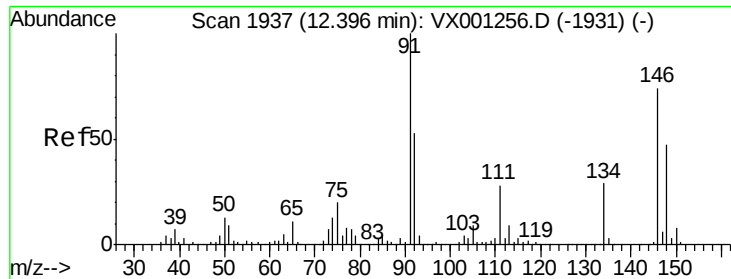
Tot Ion: 91 Resp: 509453
Ion Ratio Lower Upper
91 100
92 52.6 0.0 102.0
134 28.4 0.0 54.2



#86
Hexachloroethane
Concen: 46.159 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion: 117 Resp: 89434
Ion Ratio Lower Upper
117 100
201 103.1 38.9 116.6

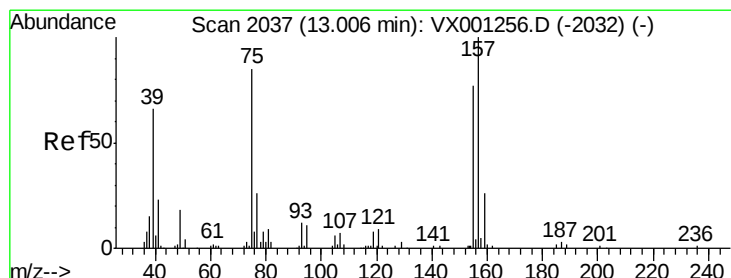
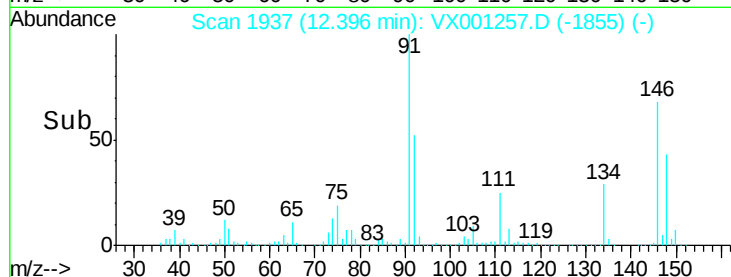
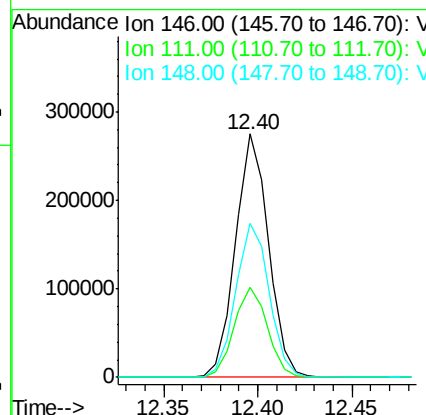
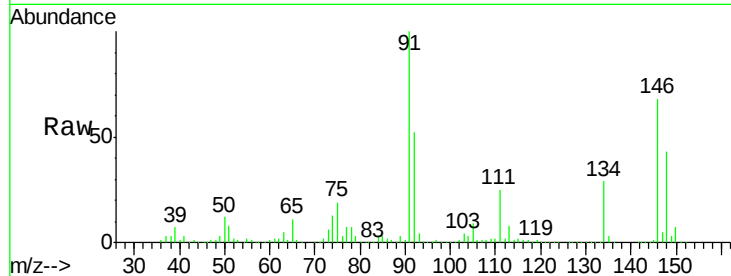




#87
 1,2-Dichlorobenzene
 Concen: 54.188 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

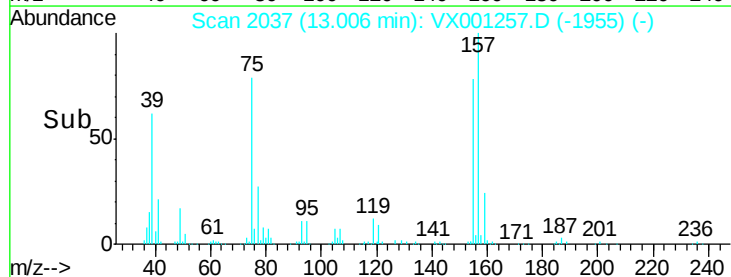
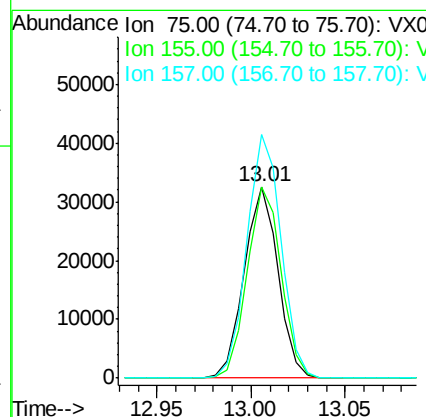
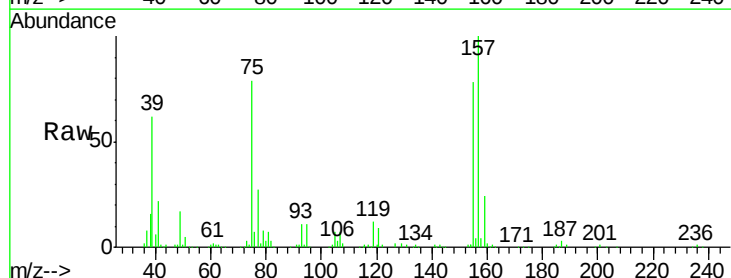
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

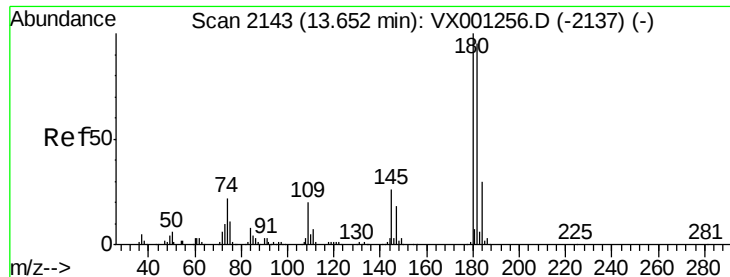
Tot Ion:146 Resp: 334218
 Ion Ratio Lower Upper
 146 100
 111 37.7 20.0 60.0
 148 64.5 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 33.843 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion: 75 Resp: 40602
 Ion Ratio Lower Upper
 75 100
 155 99.9 75.1 112.7
 157 128.4 99.0 148.4

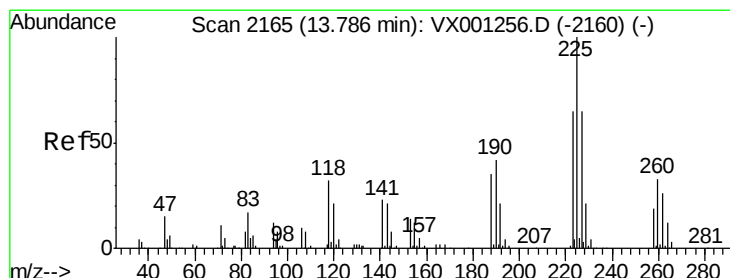
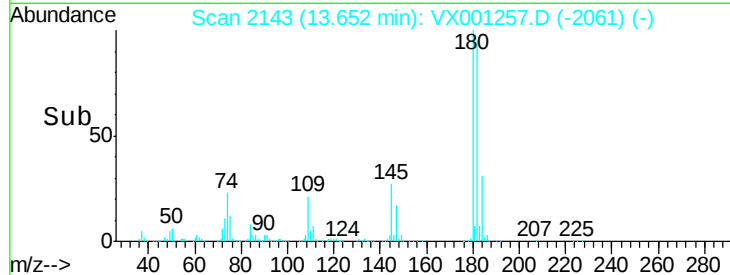
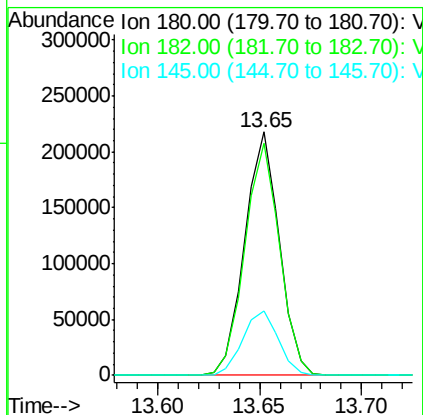
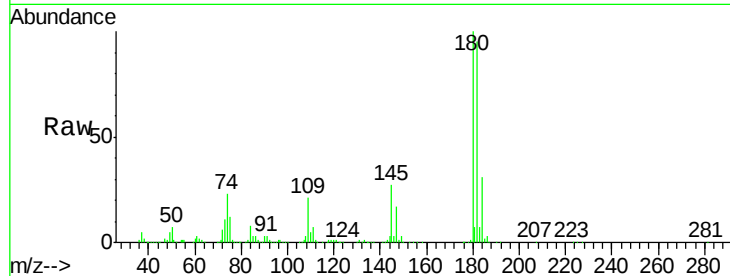




#89
 1,2,4-Trichlorobenzene
 Concen: 56.764 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

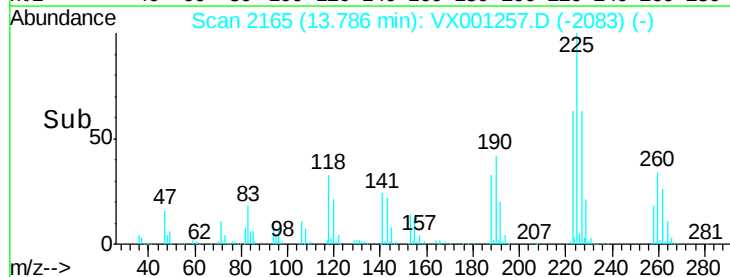
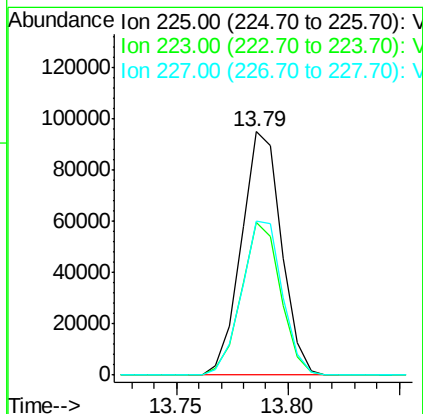
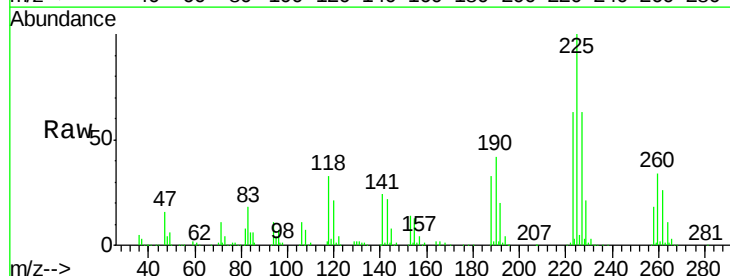
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC050

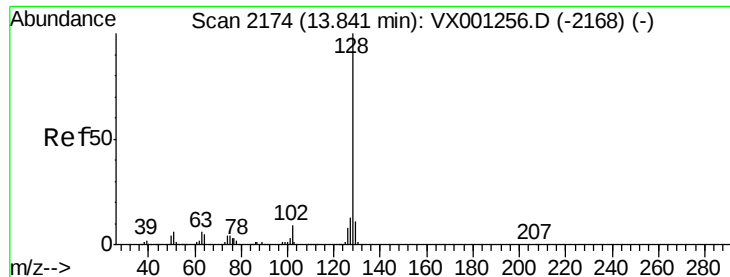
Tot Ion:180 Resp: 257131
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.3 114.5
 145 27.3 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 61.125 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001257.D
 Acq: 30 Apr 2018 11:27

Tgt Ion:225 Resp: 119290
 Ion Ratio Lower Upper
 225 100
 223 61.2 0.0 131.2
 227 64.1 0.0 127.6

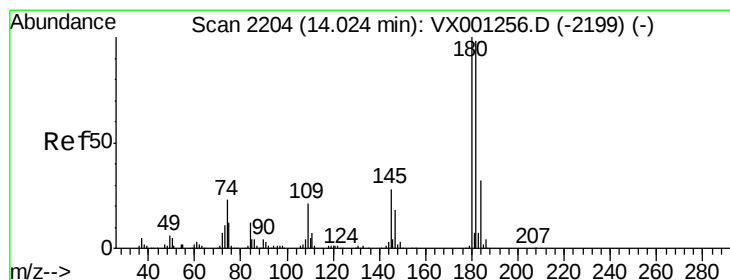
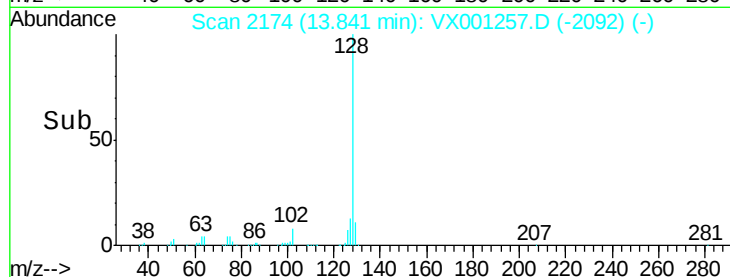
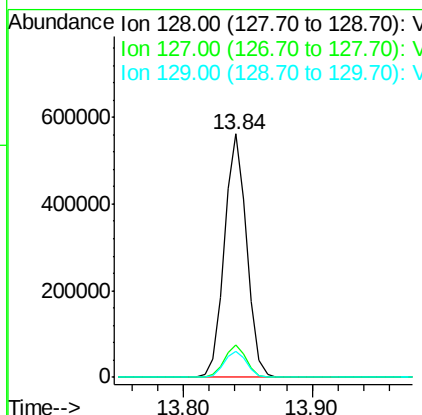
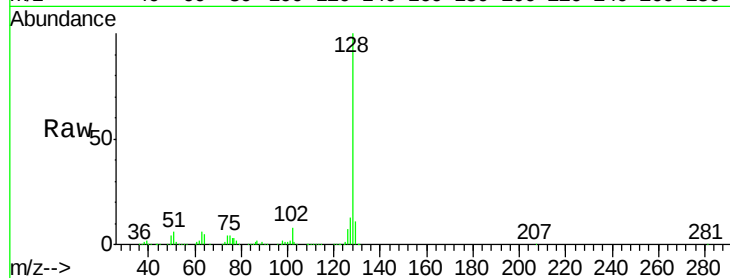




#91
Naphthalene
Concen: 43.104 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:128 Resp: 682328
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 55.428 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001257.D
Acq: 30 Apr 2018 11:27

Tgt Ion:180 Resp: 252426
Ion Ratio Lower Upper
180 100
182 95.7 0.0 188.6
145 29.0 0.0 65.8

