

Data File : VX001309.D
Acq On : 02 May 2018 10:06
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: May 03 04:56:25 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	32147	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	172808	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	164215	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	66964	28.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.27%
60) 4-Bromofluorobenzene	11.14	95	78002	28.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.50%
63) Toluene-d8	8.72	98	210601	29.91	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36531	17.33	ug/l	99
3) Chloromethane	1.32	50	34485	17.53	ug/l	99
4) Vinyl Chloride	1.40	62	35974	17.43	ug/l	98
5) Bromomethane	1.64	94	25775	16.54	ug/l	96
6) Chloroethane	1.73	64	21937	17.38	ug/l	97
7) Trichlorofluoromethane	1.93	101	61784	18.03	ug/l	99
8) Diethyl Ether	2.19	74	21092	17.72	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36425	18.74	ug/l	91
10) 1,1-Dichloroethene	2.38	96	31230	17.74	ug/l	96
11) Methyl Iodide	2.51	142	47199	22.04	ug/l	94
12) Methyl Acetate	2.78	43	45251	19.55	ug/l	100
13) Acrolein	2.29	56	13843	50.14	ug/l	98
14) Acrylonitrile	3.15	53	84923	92.17	ug/l	98
15) Acetone	2.45	58	25666	89.52	ug/l	82
16) Carbon Disulfide	2.57	76	72843	15.55	ug/l	98
17) Allyl chloride	2.73	41	53976	17.27	ug/l	97
18) Methylene Chloride	2.86	84	34428	17.94	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	32674	17.21	ug/l	96
20) Diisopropyl ether	3.87	45	103910	16.90	ug/l	99
21) 1,1-Dichloroethane	3.70	63	60300	18.25	ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	36427	17.18	ug/l	98
23) tert-Butyl Alcohol	3.07	59	37949	100.78	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	106438	17.63	ug/l	97
25) Chloroform	5.22	83	60952	16.94	ug/l	97
26) Cyclohexane	5.58	56	49484	16.47	ug/l #	96
29) 1,1-Dichloropropene	5.81	75	44053	17.21	ug/l	99
30) 2-Butanone	4.71	43	117360	89.45	ug/l	98
31) 2,2-Dichloropropane	4.59	77	45268	16.20	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	52107	16.82	ug/l	98
33) Carbon Tetrachloride	5.79	117	46556	16.67	ug/l	96
34) Benzene	6.15	78	130865	17.25	ug/l #	92
35) Methacrylonitrile	5.06	41	25711	17.66	ug/l	94
36) 1,2-Dichloroethane	6.20	62	50597	17.38	ug/l	100
37) Trichloroethene	7.22	130	40679	17.68	ug/l	93
38) Methylcyclohexane	7.46	83	52390	17.39	ug/l	96
39) 1,2-Dichloropropane	7.52	63	33499	17.41	ug/l	100
40) Dibromomethane	7.67	93	23974	17.71	ug/l	87

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ClientSampleId :
VSTDCCC020

Quant Time: May 03 04:56:25 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Tue May 01 09:17:40 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	41809	16.35	ug/l #	97
42) Vinyl Acetate	3.83	43	448829	86.97	ug/l	98
43) Ethyl Acetate	4.87	43	43871	17.36	ug/l	96
44) Isopropyl Acetate	6.47	43	70383	16.37	ug/l	99
45) 1,4-Dioxane	7.76	88	16014	409.81	ug/l	98
46) Methyl methacrylate	7.78	41	37090	16.58	ug/l	93
47) n-amyl Acetate	10.90	43	63826	15.47	ug/l	96
48) t-1,3-Dichloropropene	8.44	75	48745	16.19	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	42553	14.76	ug/l	94
50) 1,1,2-Trichloroethane	9.22	97	35926	17.87	ug/l	99
51) Ethyl methacrylate	9.19	69	47612	16.62	ug/l	97
52) 1,3-Dichloropropane	9.38	76	57314	17.64	ug/l	99
53) Dibromochloromethane	9.59	129	34950	15.75	ug/l	97
54) 1,2-Dibromoethane	9.68	107	37077	17.23	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	155876	111.10	ug/l	100
56) Bromoform	10.86	173	27565	15.18	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	239641	87.93	ug/l	98
59) 2-Hexanone	9.50	43	185261	87.24	ug/l	97
61) Tetrachloroethene	9.34	164	52006	20.67	ug/l	88
62) Toluene	8.79	91	151453	17.16	ug/l	100
64) Chlorobenzene	10.14	112	101478	17.04	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	35184	16.18	ug/l	95
66) Ethyl Benzene	10.26	91	163878	16.63	ug/l	99
67) m/p-Xylenes	10.37	106	130370	33.32	ug/l	99
68) o-Xylene	10.70	106	63422	16.77	ug/l	99
69) Styrene	10.72	104	103126	16.38	ug/l	100
70) Isopropylbenzene	11.02	105	173585	16.90	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	48747	16.18	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	54618	20.26	ug/l	86
73) Bromobenzene	11.26	156	50117	16.79	ug/l	93
74) n-propylbenzene	11.37	91	195863	16.88	ug/l	98
75) 2-Chlorotoluene	11.43	91	118472	16.92	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	149062	17.03	ug/l	69
77) t-1,4-Dichloro-2-butene	11.08	75	10783	13.44	ug/l	83
78) 4-Chlorotoluene	11.52	91	136080	16.30	ug/l	100
79) tert-butylbenzene	12.07	119	161721	17.27	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	150495	16.90	ug/l	100
81) sec-Butylbenzene	11.95	105	176797	17.40	ug/l	99
82) p-Isopropyltoluene	12.07	119	161721	17.27	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	91975	16.90	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	91765	16.54	ug/l	98
85) n-Butylbenzene	12.39	91	133940	16.54	ug/l	98
86) Hexachloroethane	12.60	117	21522	15.04	ug/l	72
87) 1,2-Dichlorobenzene	12.40	146	90569	16.74	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	9809	15.58	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	68338	16.67	ug/l	98
90) Hexachlorobutadiene	13.79	225	37785	19.85	ug/l	97
91) Naphthalene	13.84	128	179766	16.90	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	69793	17.25	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\
Quantitation Report (Not Reviewed)

Data File : VX001309.D
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ClientSampleId :
VSTDCCC020

Quant Time: May 03 04:56:25 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
Response via : Initial Calibration

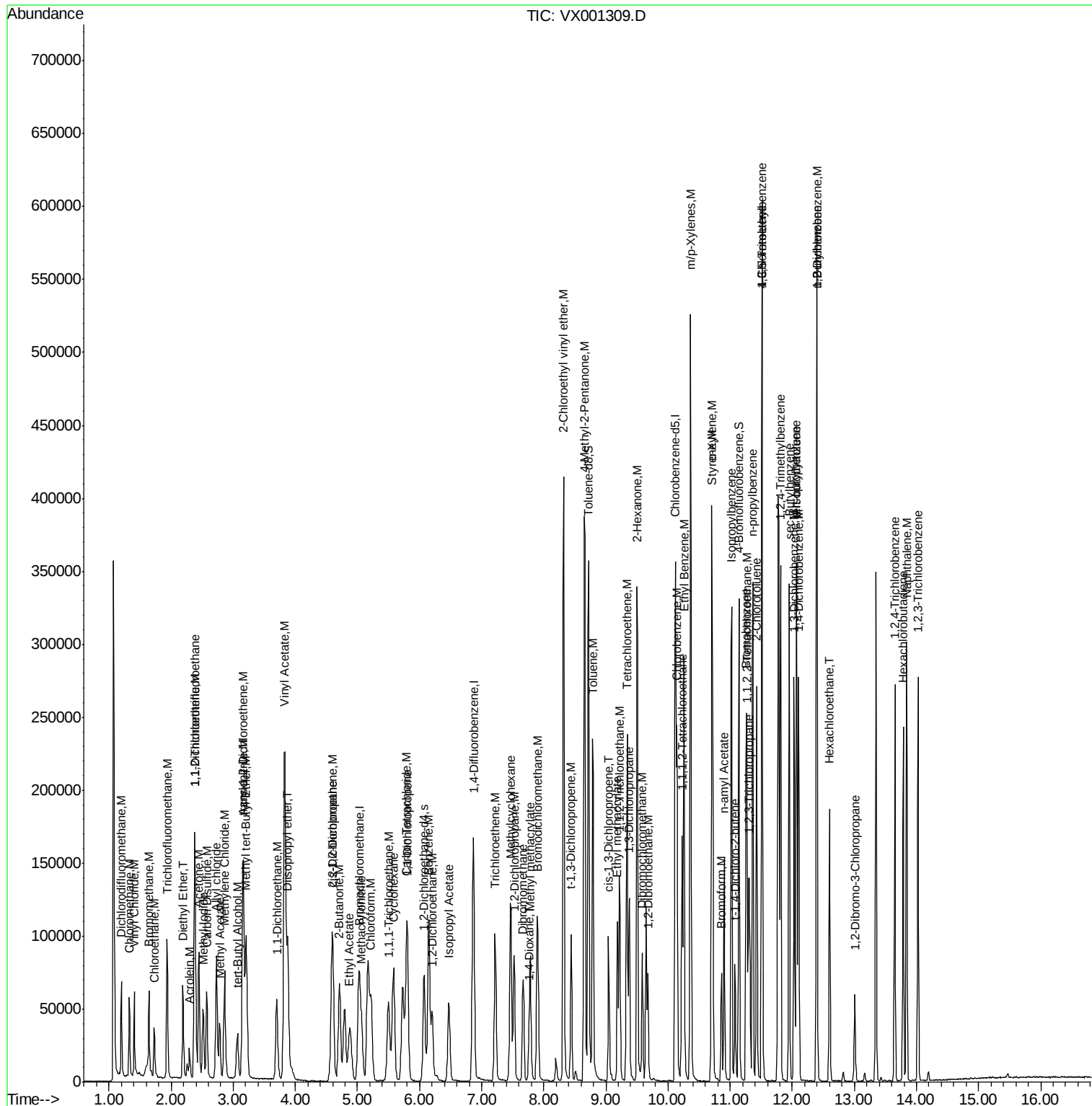
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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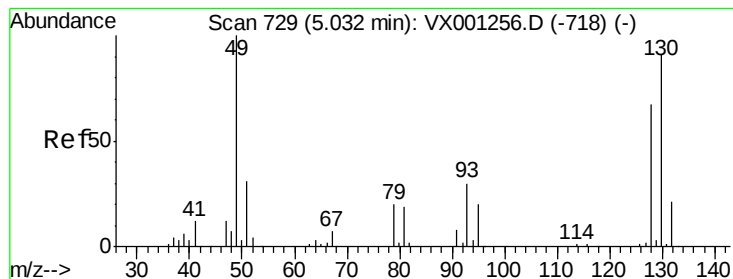
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

VSTDCCC020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

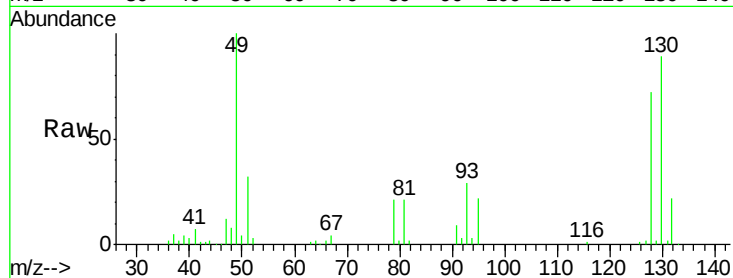
Tgt Ion:128 Resp: 32147

Ion Ratio Lower Upper

128 100

49 143.0 0.0 378.3

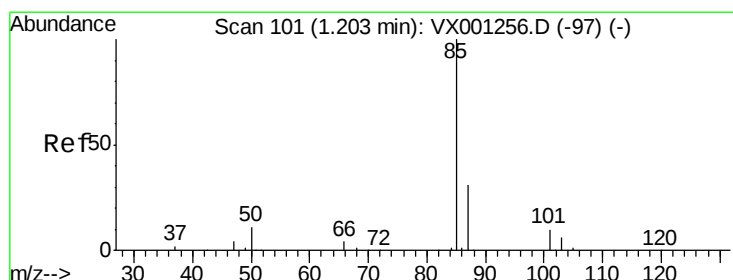
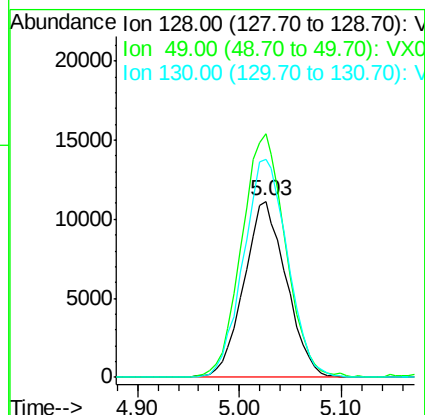
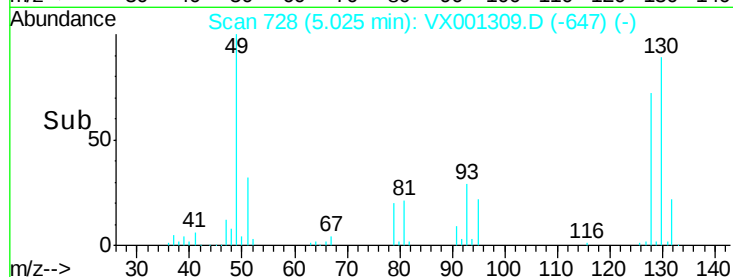
130 129.2 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.33 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001309.D

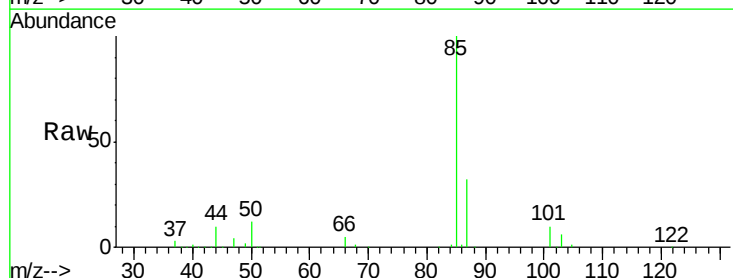
Acq: 02 May 2018 10:06

Tgt Ion: 85 Resp: 36531

Ion Ratio Lower Upper

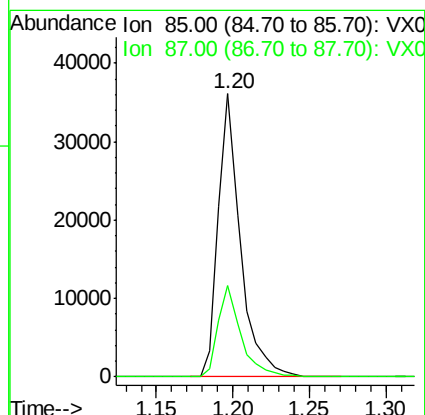
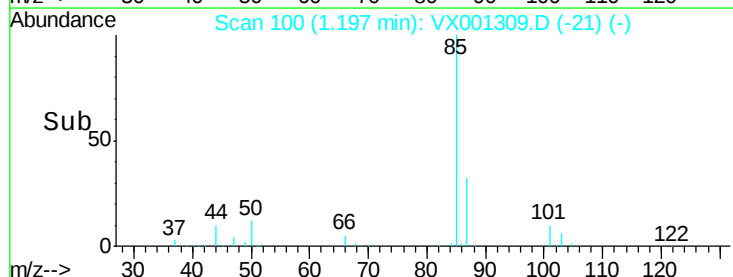
85 100

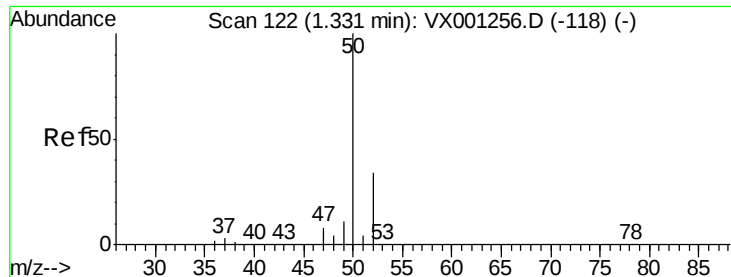
87 32.3 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.53 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

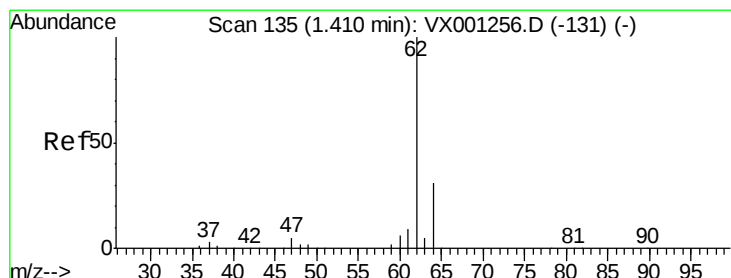
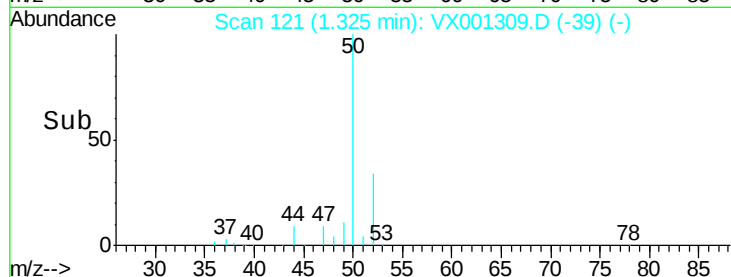
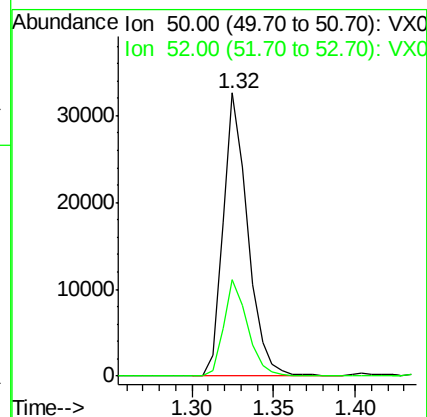
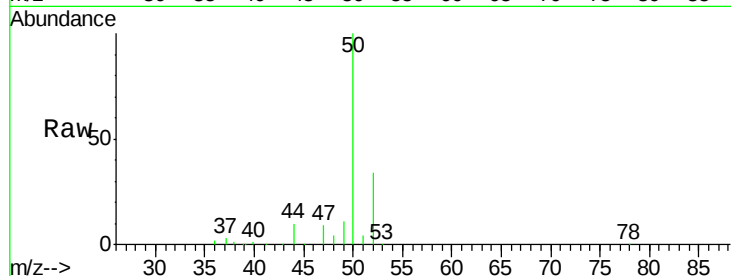
VSTDCCC020

Tgt Ion: 50 Resp: 34485

Ion Ratio Lower Upper

50 100

52 33.9 27.8 41.6



#4

Vinyl Chloride

Concen: 17.43 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001309.D

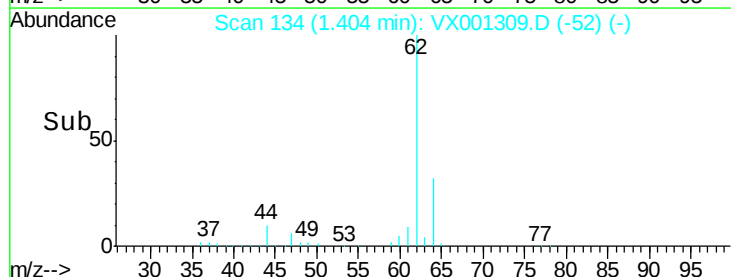
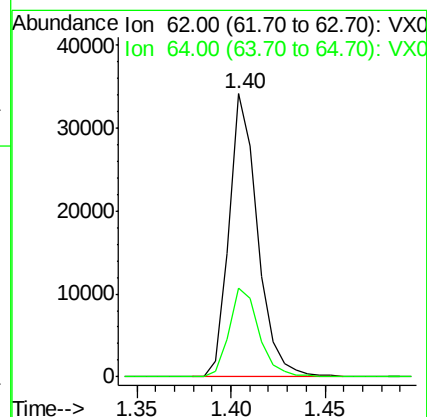
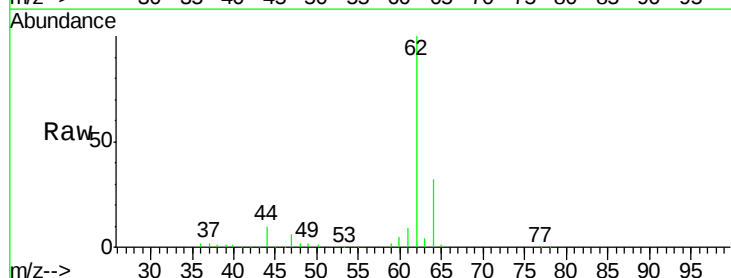
Acq: 02 May 2018 10:06

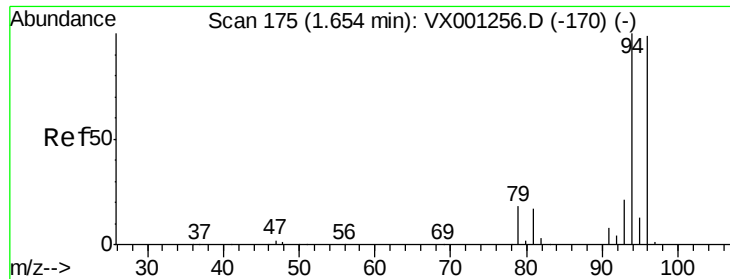
Tgt Ion: 62 Resp: 35974

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0

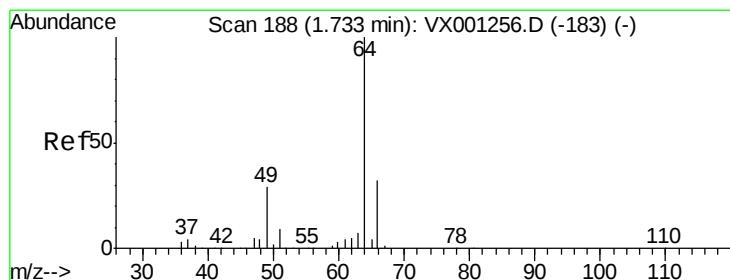
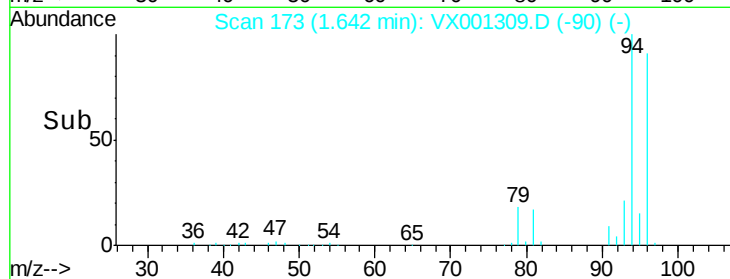
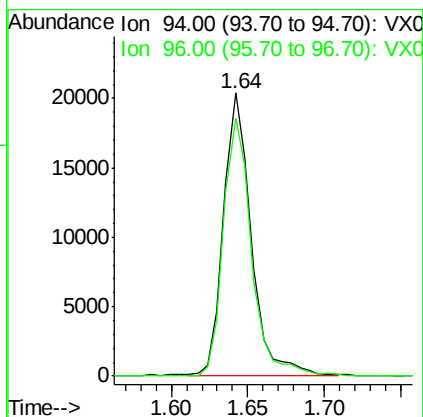
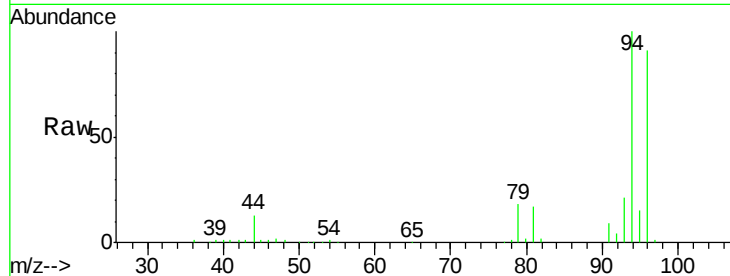




#5
 Bromomethane
 Concen: 16.54 ug/l
 RT: 1.64 min Scan# 173
 Delta R.T. 0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

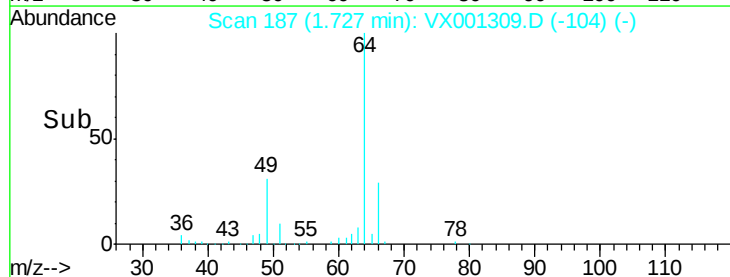
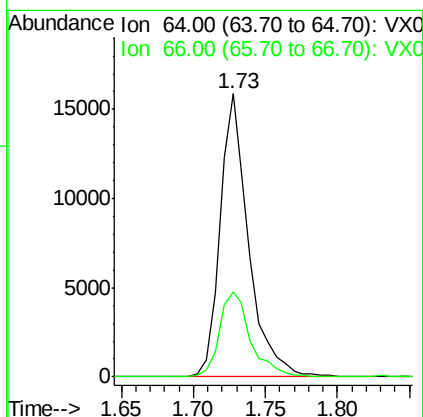
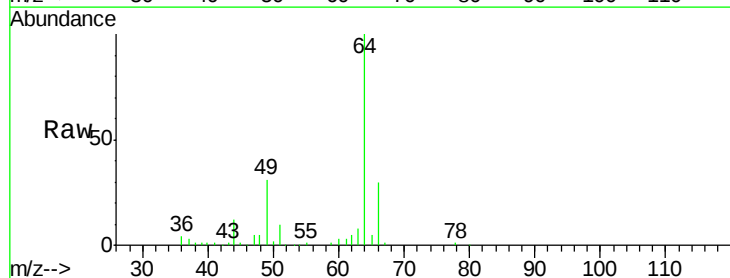
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

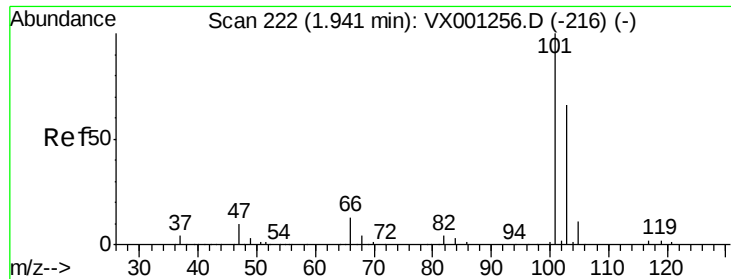
Tgt Ion: 94 Resp: 25775
 Ion Ratio Lower Upper
 94 100
 96 91.5 76.2 114.2



#6
 Chloroethane
 Concen: 17.38 ug/l
 RT: 1.73 min Scan# 187
 Delta R.T. 0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 64 Resp: 21937
 Ion Ratio Lower Upper
 64 100
 66 30.0 25.2 37.8



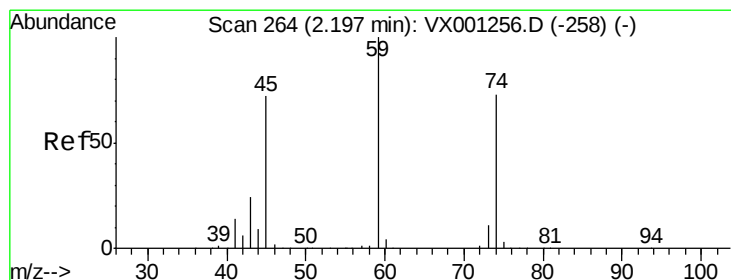
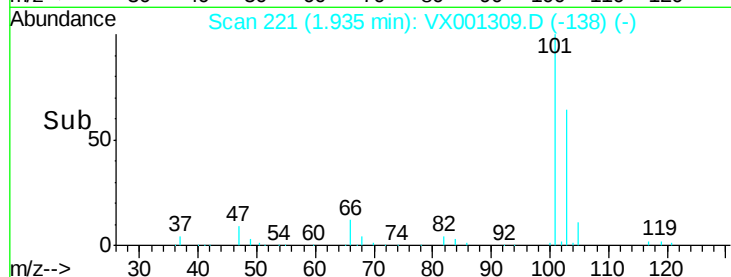
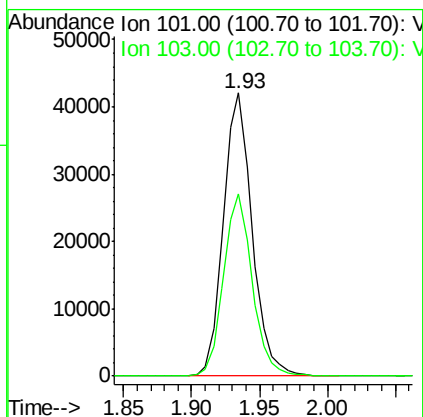
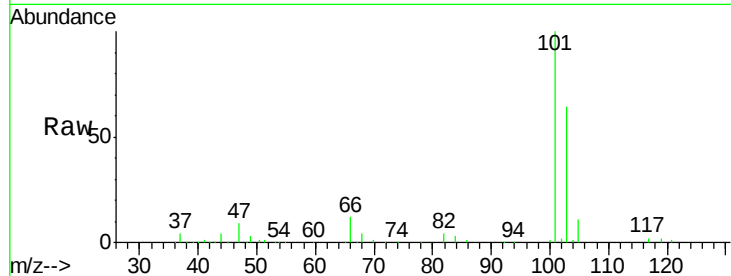


#7

Trichlorofluoromethane
 Concen: 18.03 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
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 VSTDCCC020

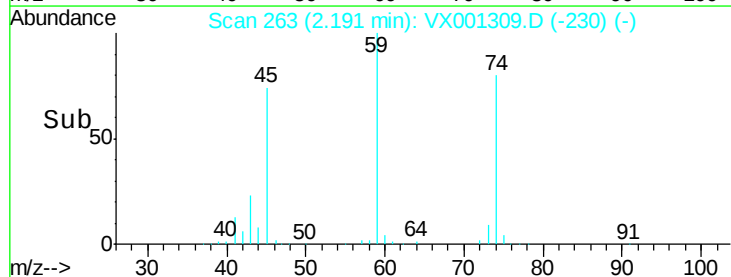
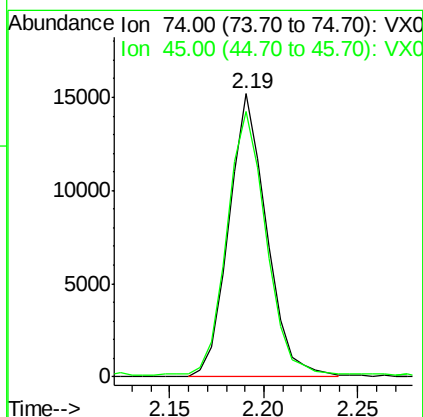
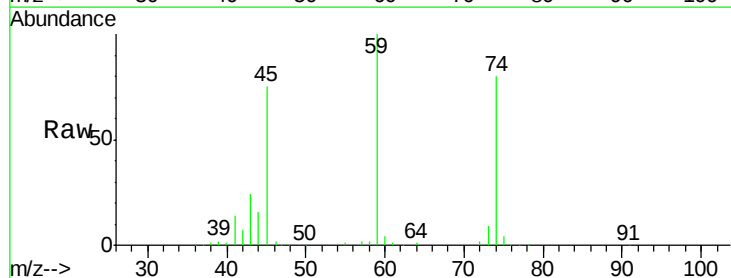
Tgt Ion: 101 Resp: 61784
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.4

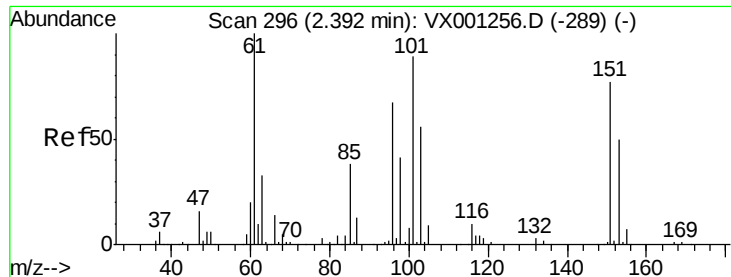


#8

Diethyl Ether
 Concen: 17.72 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 74 Resp: 21092
 Ion Ratio Lower Upper
 74 100
 45 96.1 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.74 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

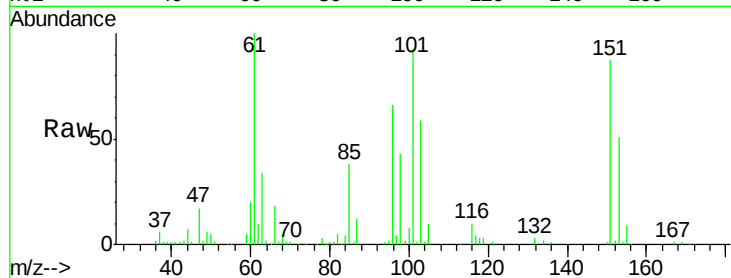
Tgt Ion: 101 Resp: 36425

Ion Ratio Lower Upper

101 100

85 42.9 0.0 90.4

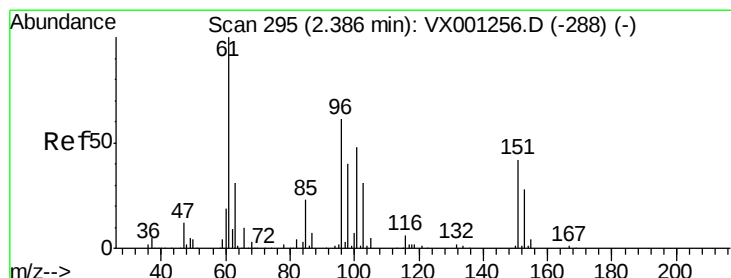
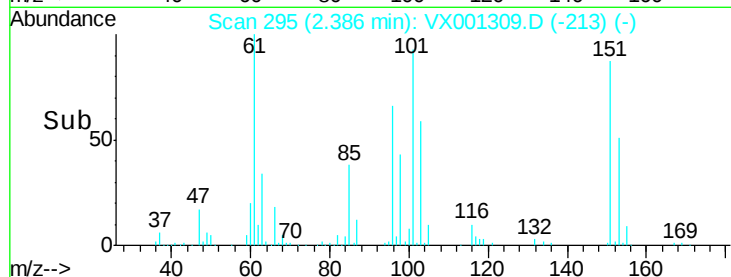
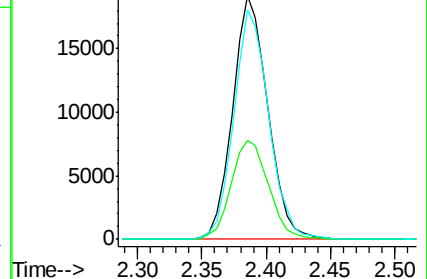
151 94.0 0.0 167.6



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: 17.74 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

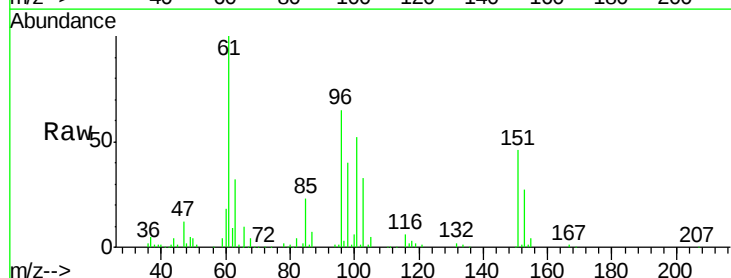
Tgt Ion: 96 Resp: 31230

Ion Ratio Lower Upper

96 100

61 153.6 118.6 178.0

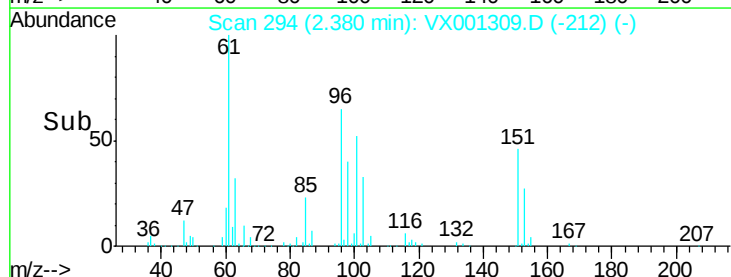
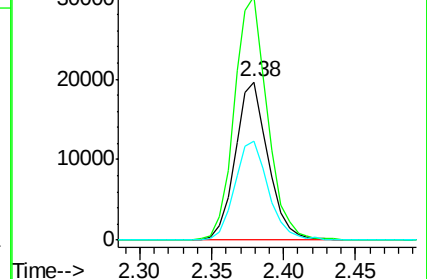
98 62.1 51.0 76.6

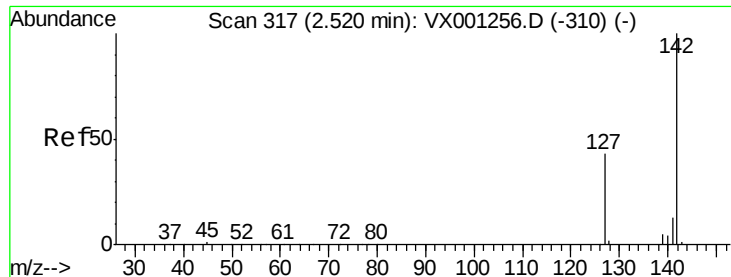


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

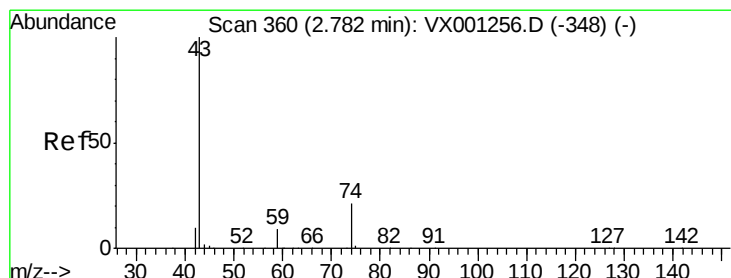
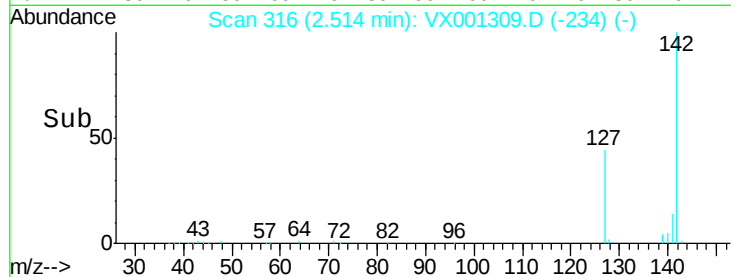
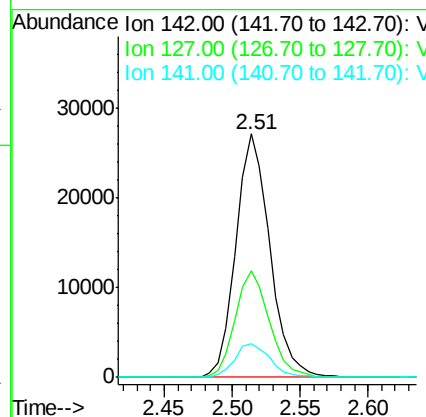
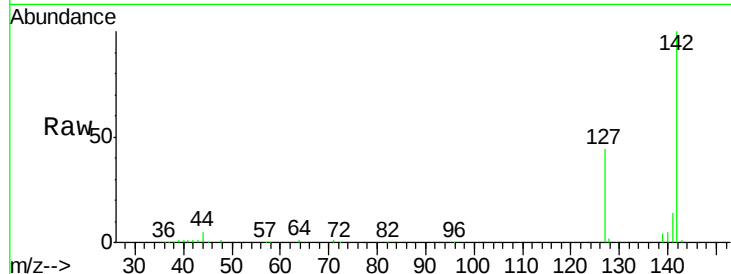




#11
Methyl Iodide
Concen: 22.04 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

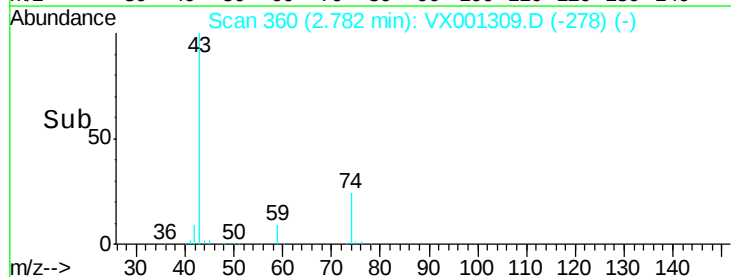
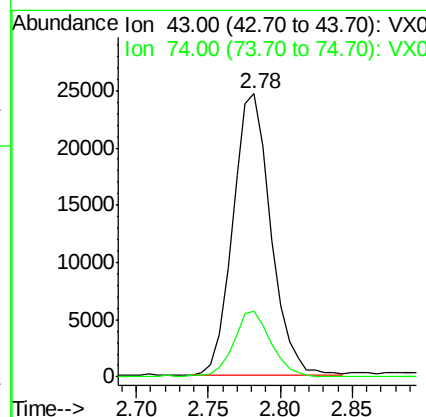
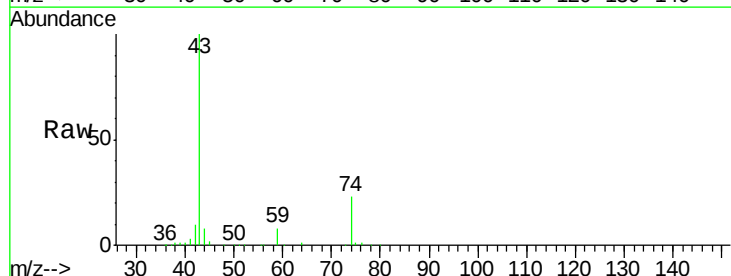
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

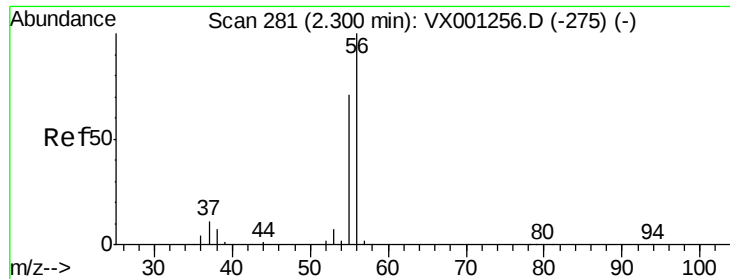
Tgt Ion:142 Resp: 47199
Ion Ratio Lower Upper
142 100
127 43.8 23.8 71.5
141 13.9 8.2 24.4



#12
Methyl Acetate
Concen: 19.55 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 43 Resp: 45251
Ion Ratio Lower Upper
43 100
74 23.0 18.6 27.8





#13

Acrolein

Concen: 50.14 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

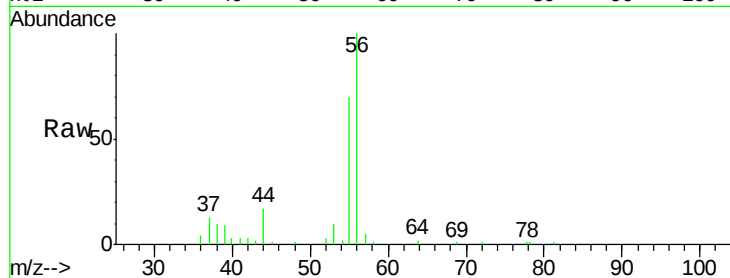
VSTDCCC020

Tgt Ion: 56 Resp: 13843

Ion Ratio Lower Upper

56 100

55 73.4 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

10000

8000

6000

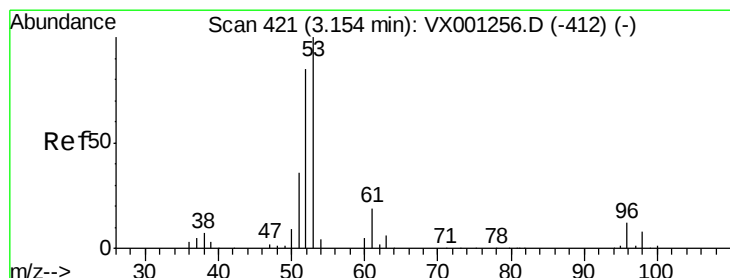
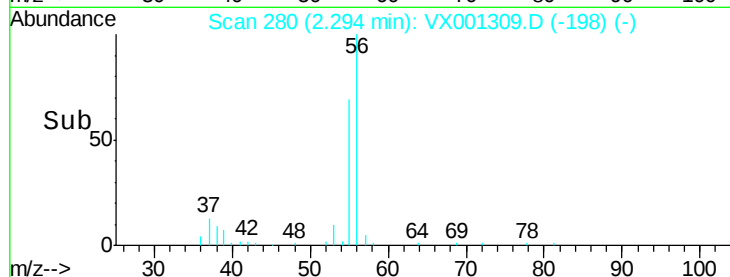
4000

2000

0

Time-->

2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 92.17 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

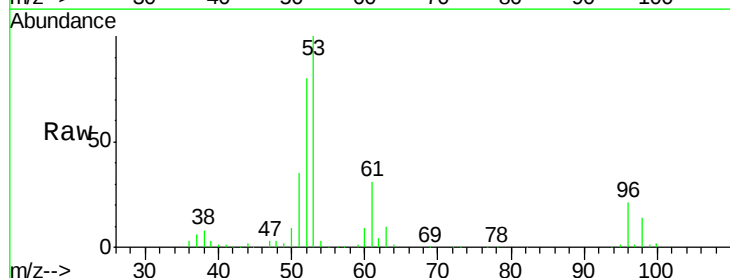
Tgt Ion: 53 Resp: 84923

Ion Ratio Lower Upper

53 100

52 82.9 41.9 125.8

51 35.7 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

50000

40000

30000

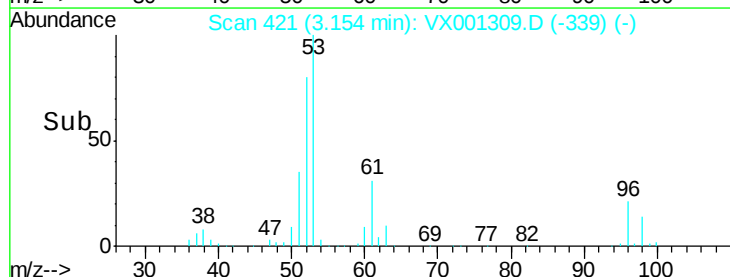
20000

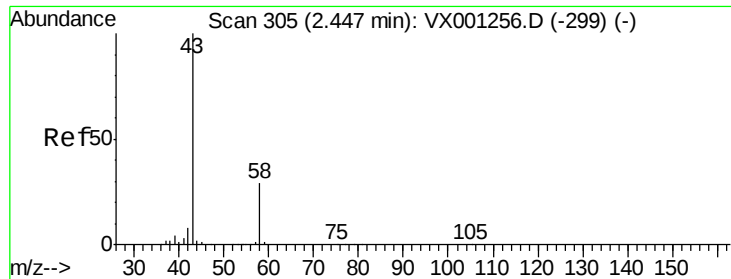
10000

0

Time-->

3.10 3.20 3.30





#15

Acetone

Concen: 89.52 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

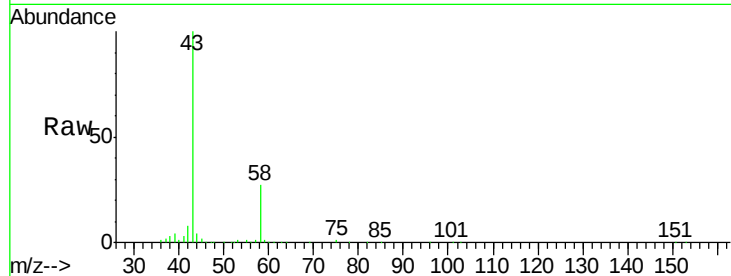
VSTDCCC020

Tgt Ion: 58 Resp: 25666

Ion Ratio Lower Upper

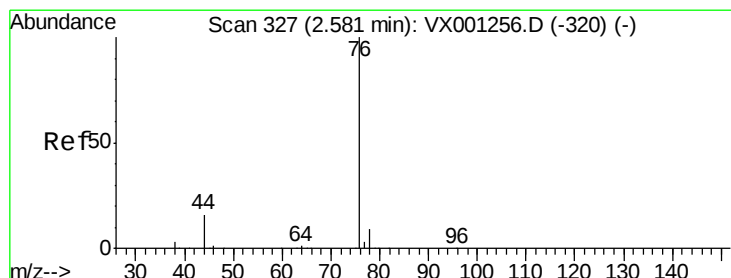
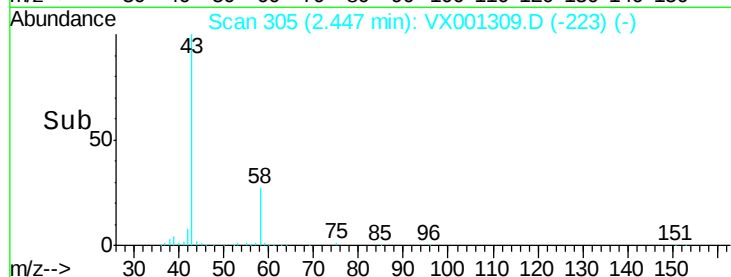
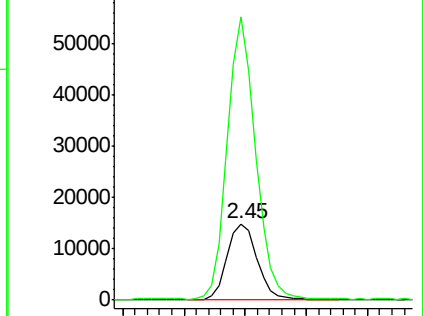
58 100

43 368.2 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 15.55 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001309.D

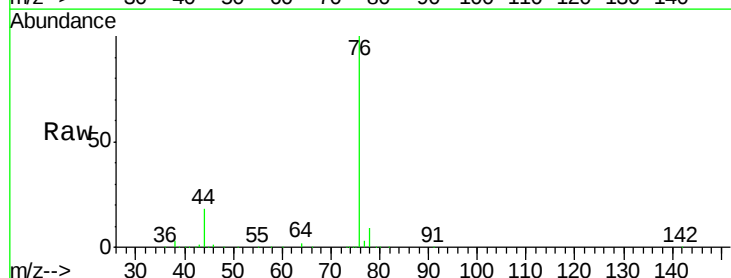
Acq: 02 May 2018 10:06

Tgt Ion: 76 Resp: 72843

Ion Ratio Lower Upper

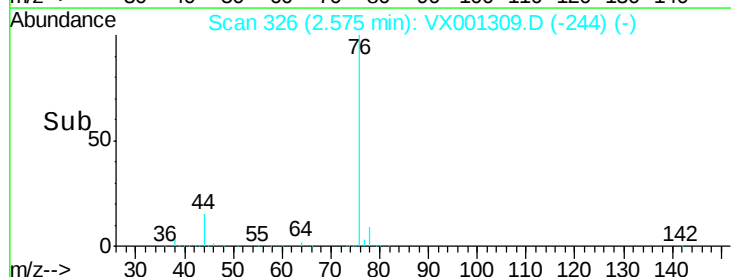
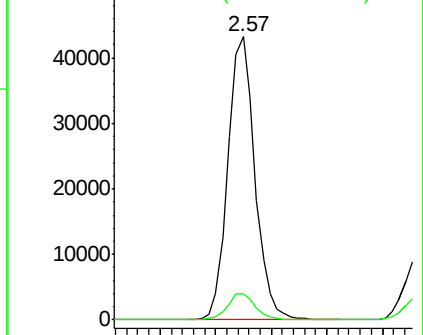
76 100

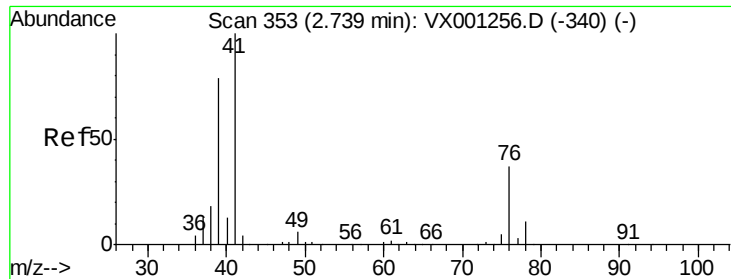
78 9.2 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allyl chloride

Concen: 17.27 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

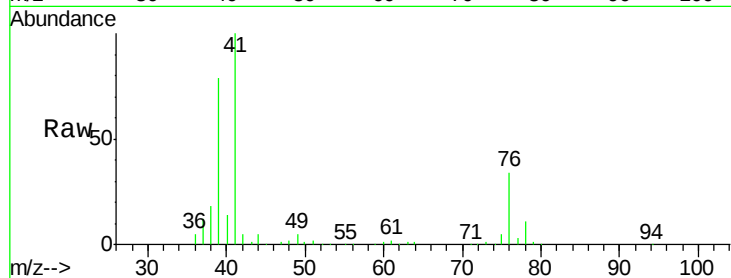
Tgt Ion: 41 Resp: 53976

Ion Ratio Lower Upper

41 100

39 78.3 38.5 115.5

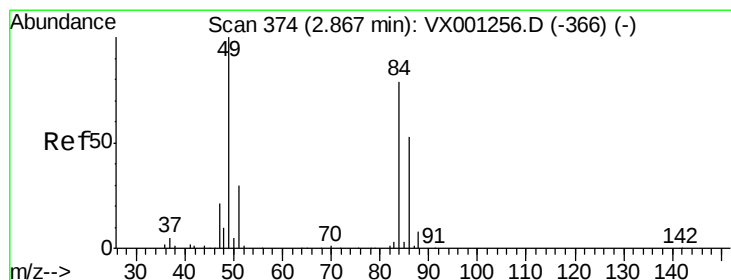
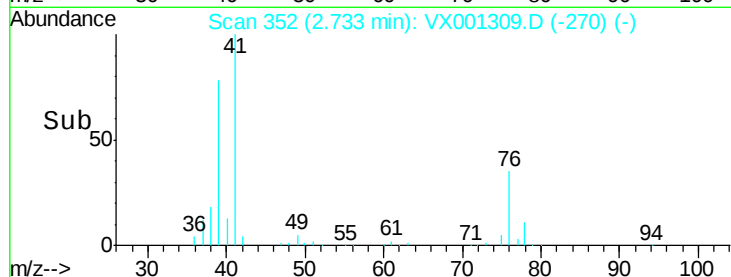
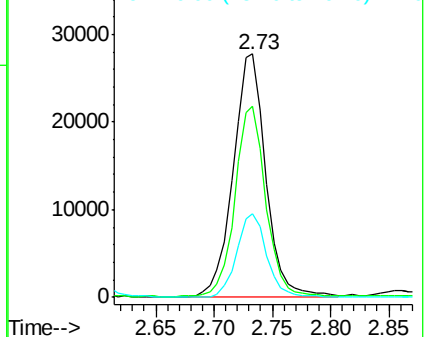
76 34.6 18.7 56.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 17.94 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Tgt Ion: 84 Resp: 34428

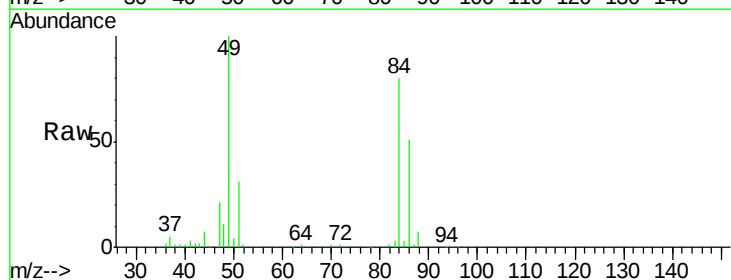
Ion Ratio Lower Upper

84 100

49 124.4 103.3 154.9

51 38.0 31.2 46.8

86 63.5 53.6 80.4

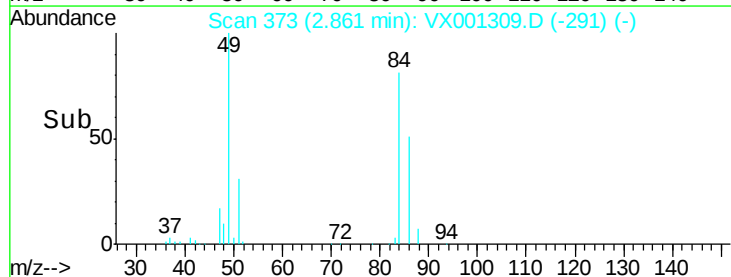
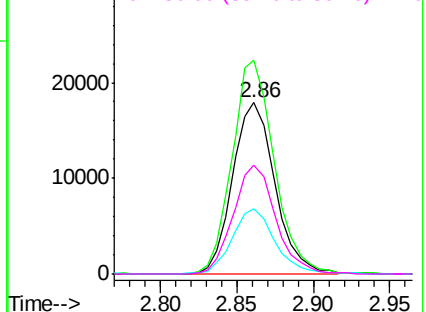


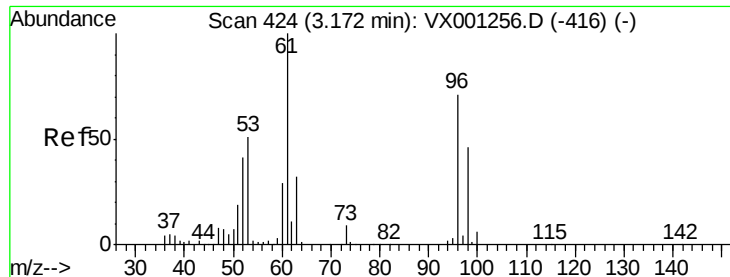
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 17.21 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

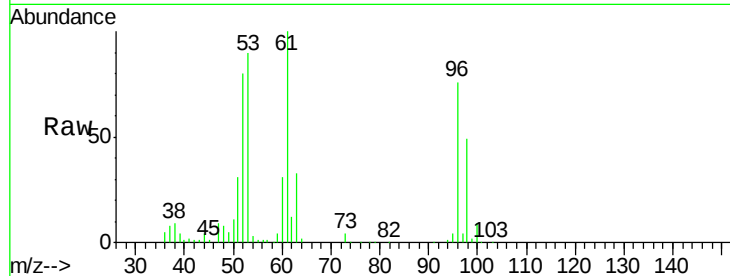
Tgt Ion: 96 Resp: 32674

Ion Ratio Lower Upper

96 100

61 131.5 101.0 151.6

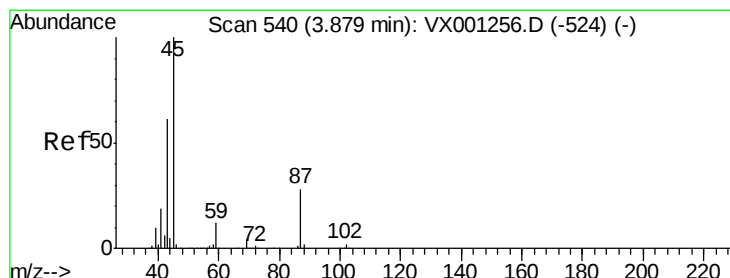
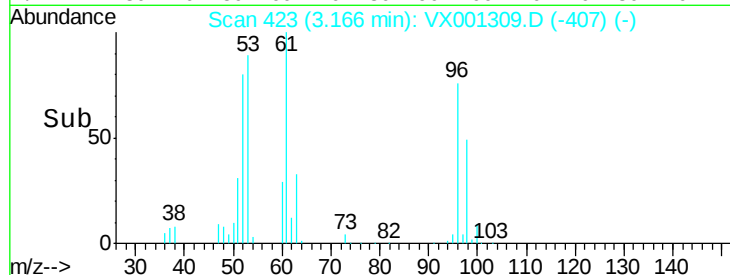
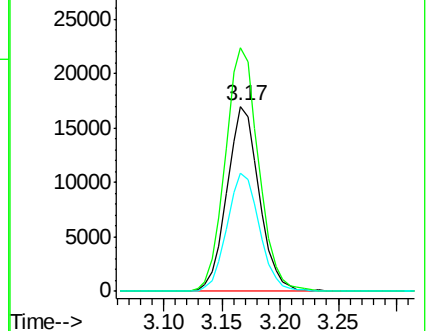
98 63.9 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VX001256.D (-416) (-)

Ion 61.00 (60.70 to 61.70): VX001256.D (-416) (-)

Ion 98.00 (97.70 to 98.70): VX001256.D (-416) (-)



#20

Diisopropyl ether

Concen: 16.90 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Tgt Ion: 45 Resp: 103910

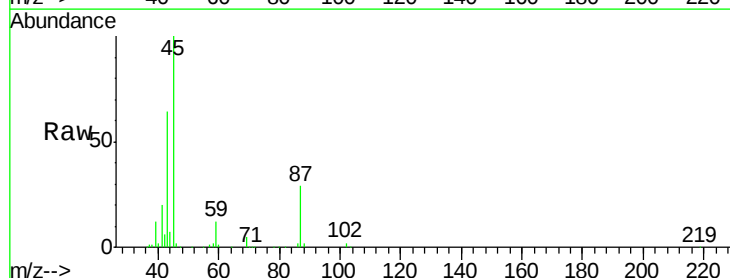
Ion Ratio Lower Upper

45 100

43 63.1 49.6 74.4

87 29.2 23.1 34.7

59 11.9 10.8 16.2

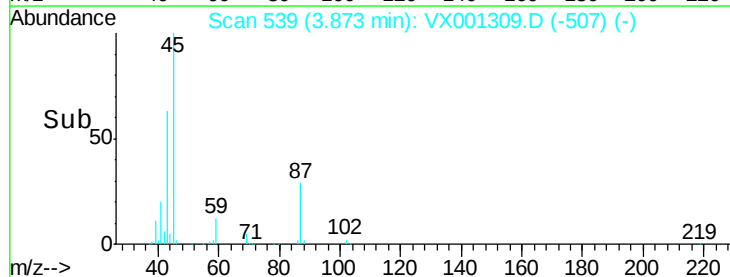
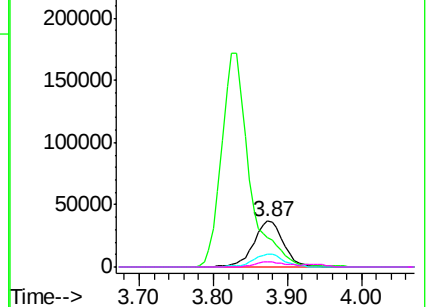


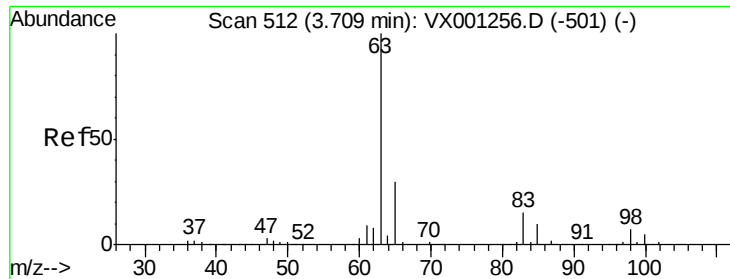
Abundance Ion 45.00 (44.70 to 45.70): VX001256.D (-524) (-)

Ion 43.00 (42.70 to 43.70): VX001256.D (-524) (-)

Ion 87.00 (86.70 to 87.70): VX001256.D (-524) (-)

Ion 59.00 (58.70 to 59.70): VX001256.D (-524) (-)





#21

1,1-Dichloroethane

Concen: 18.25 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

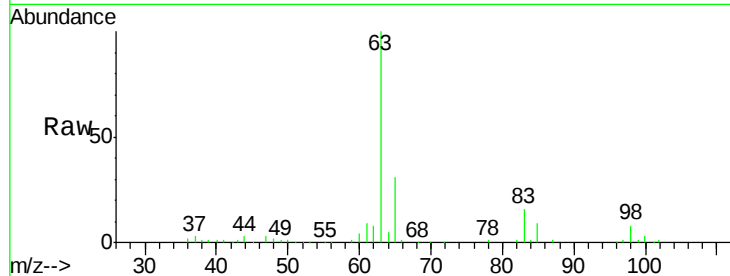
Tgt Ion: 63 Resp: 60300

Ion Ratio Lower Upper

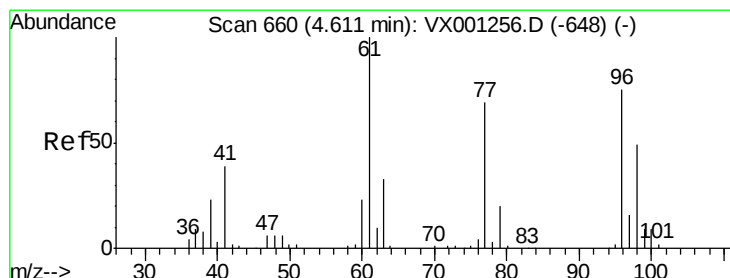
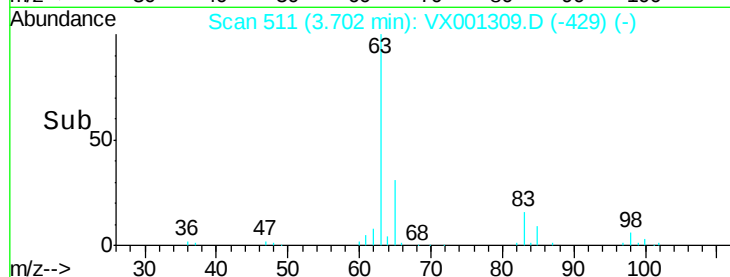
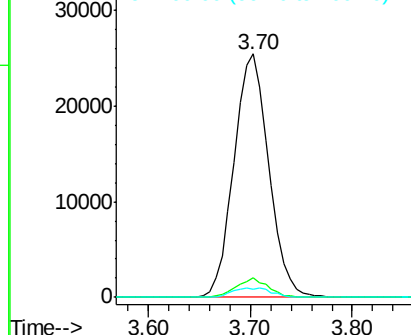
63 100

98 7.8 3.3 9.9

100 3.3 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: 17.18 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

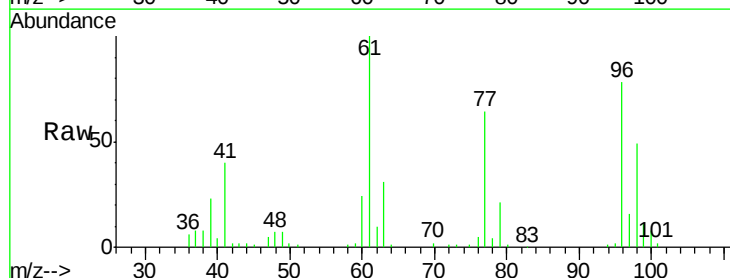
Tgt Ion: 96 Resp: 36427

Ion Ratio Lower Upper

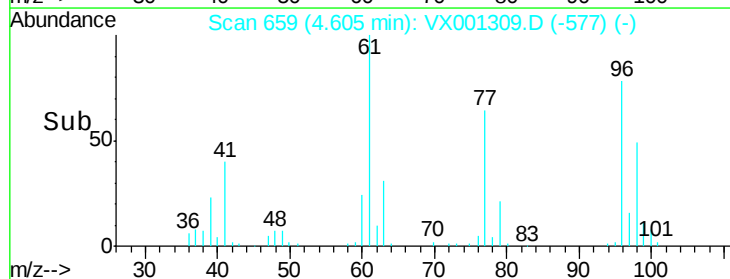
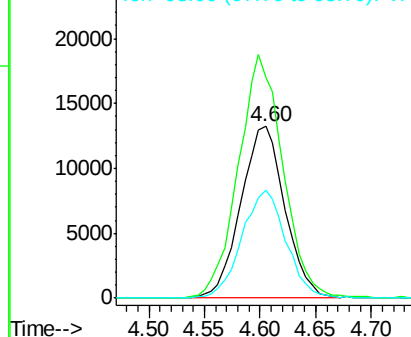
96 100

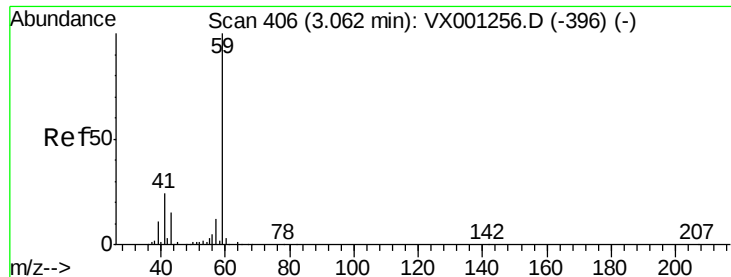
61 143.8 113.5 170.3

98 63.0 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



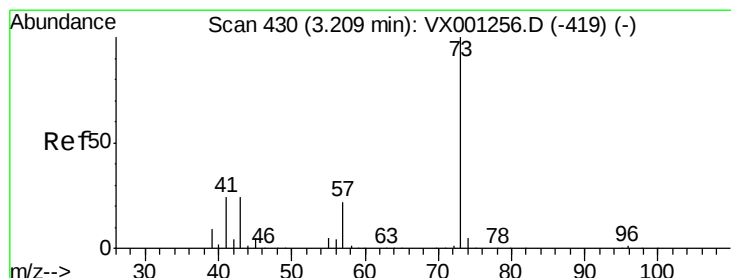
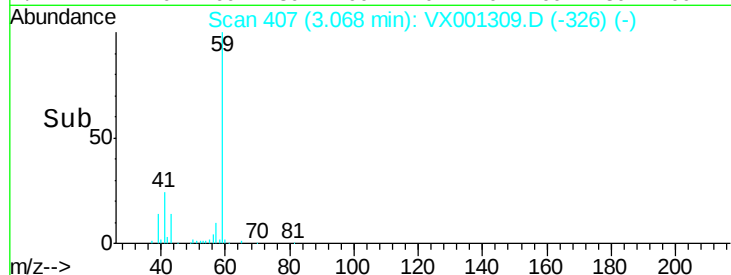
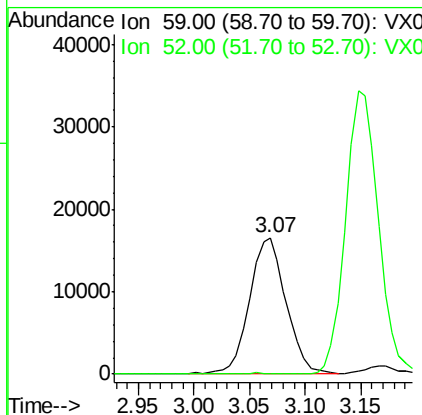
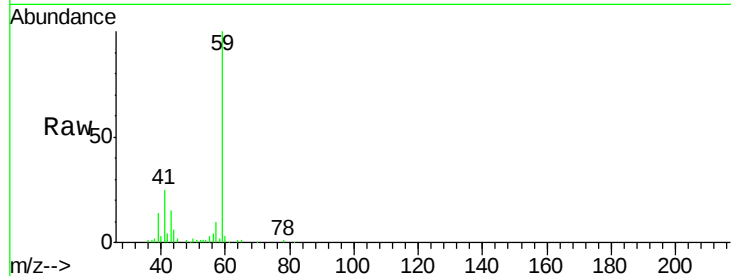


#23

tert-Butyl Alcohol
 Concen: 100.78 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

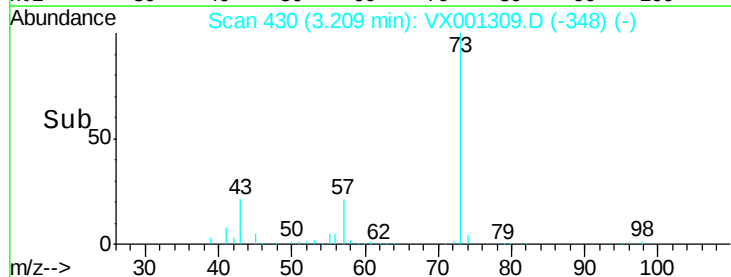
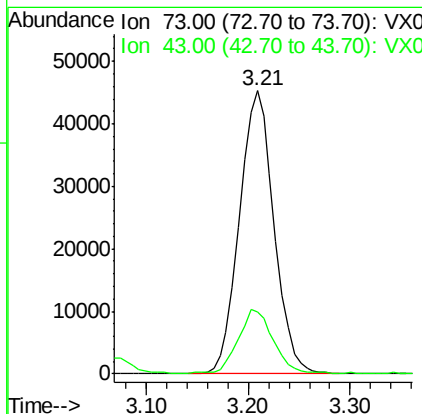
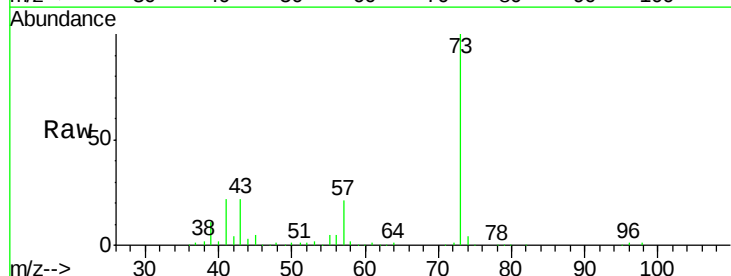
Tgt Ion: 59 Resp: 37949
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

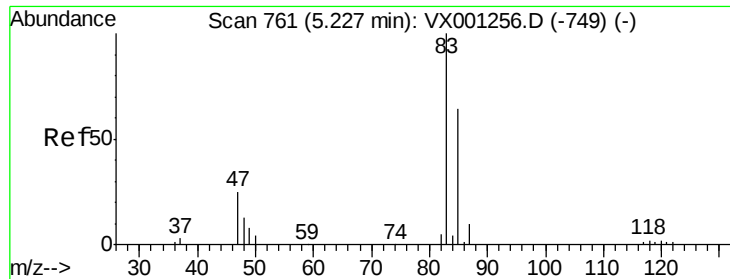


#24

Methyl tert-Butyl Ether
 Concen: 17.63 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 73 Resp: 106438
 Ion Ratio Lower Upper
 73 100
 43 22.2 16.5 24.7

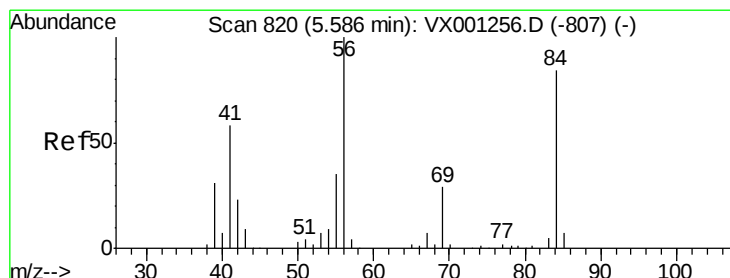
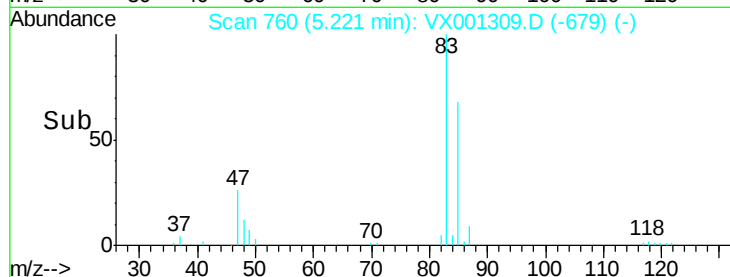
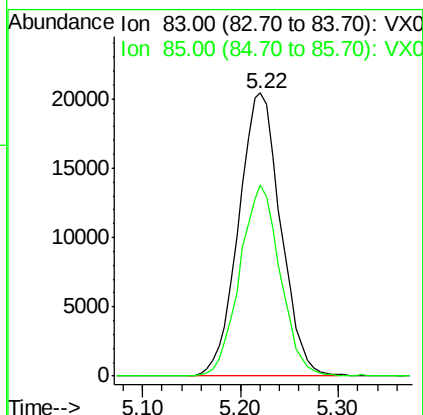
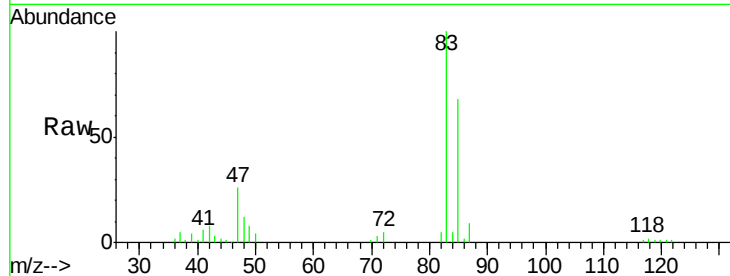




#25
Chloroform
Concen: 16.94 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

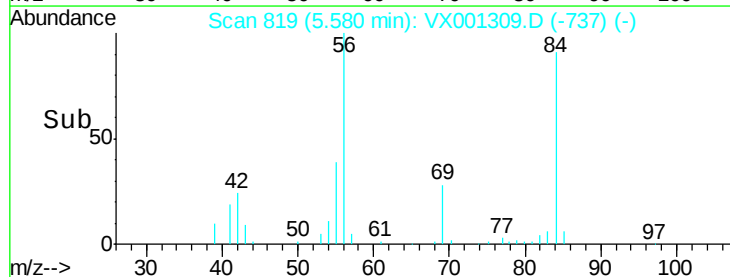
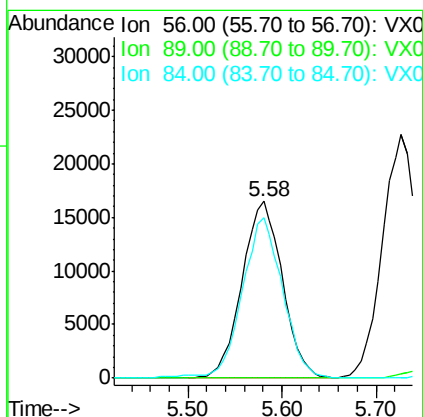
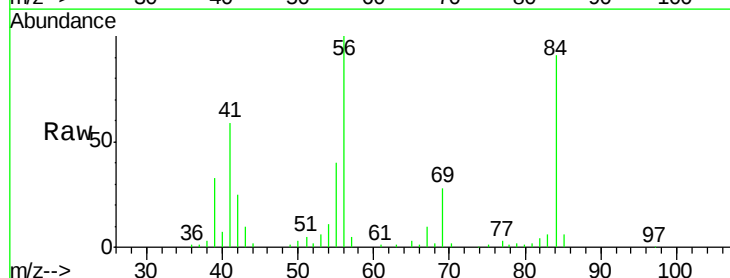
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

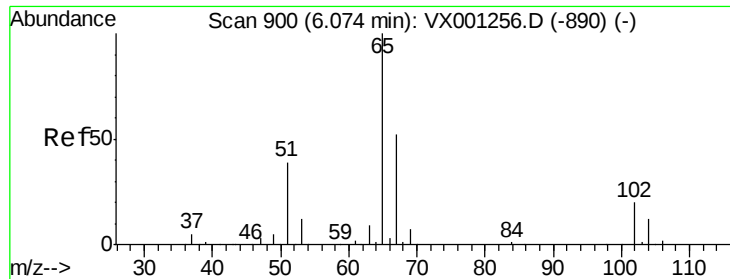
Tgt Ion: 83 Resp: 60952
Ion Ratio Lower Upper
83 100
85 67.6 52.5 78.7



#26
Cyclohexane
Concen: 16.47 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 56 Resp: 49484
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.0 74.8 112.2

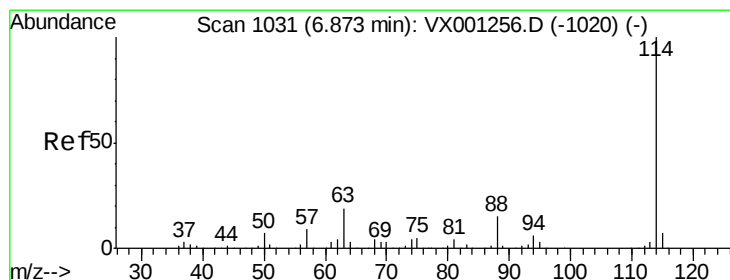
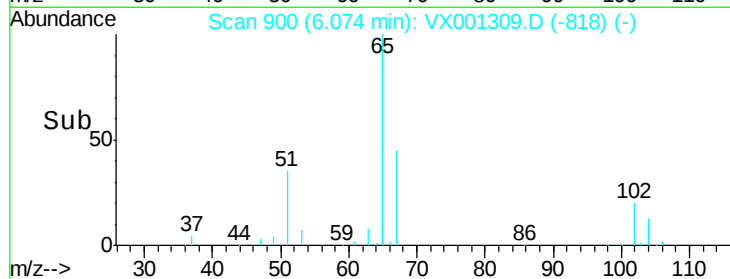
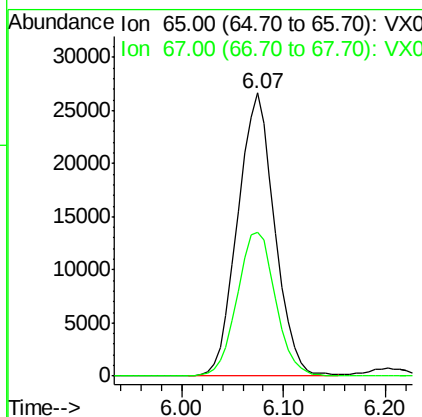
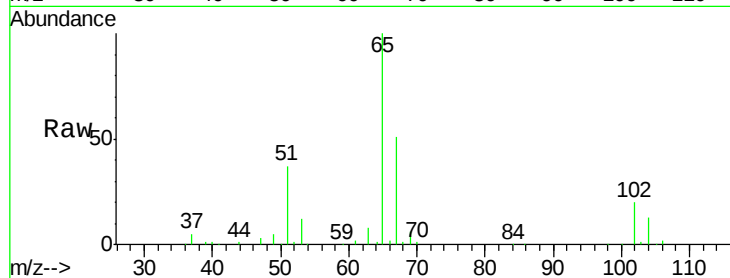




#27
 1,2-Dichloroethane-d4
 Concen: 28.88 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

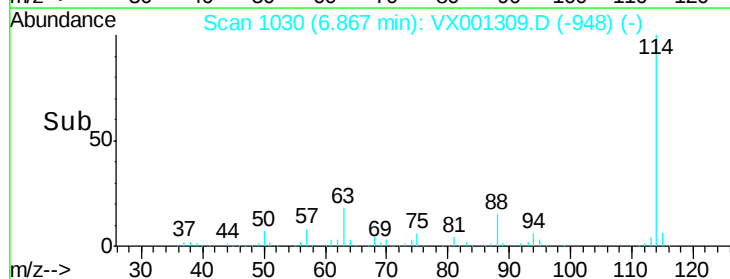
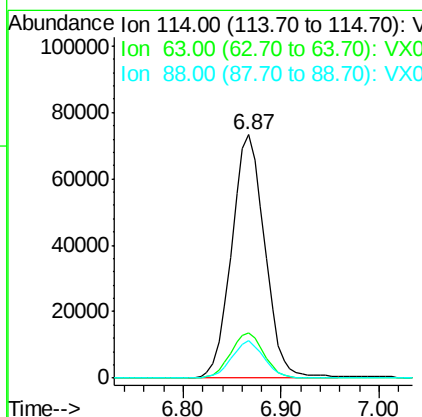
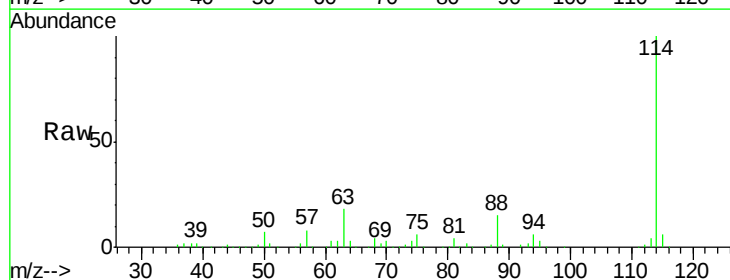
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

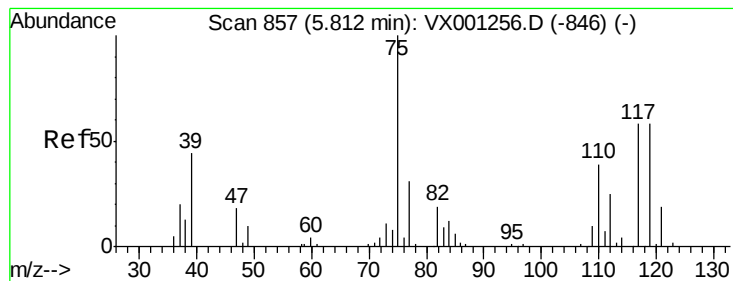
Tgt Ion: 65 Resp: 66964
 Ion Ratio Lower Upper
 65 100
 67 52.8 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 114 Resp: 172808
 Ion Ratio Lower Upper
 114 100
 63 18.6 15.0 22.4
 88 14.7 11.8 17.8





#29

1,1-Dichloropropene

Concen: 17.21 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

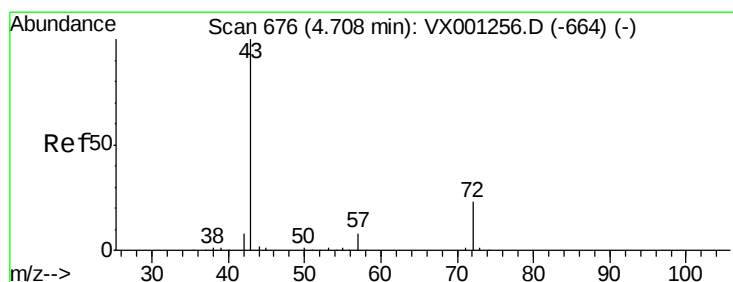
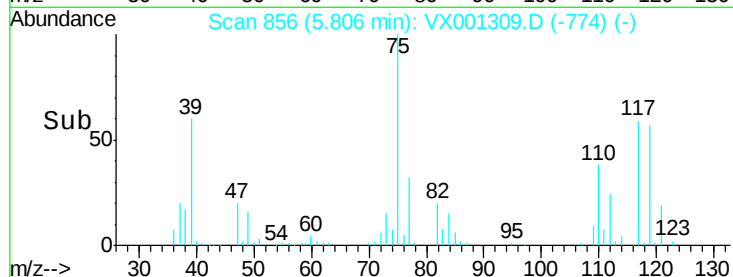
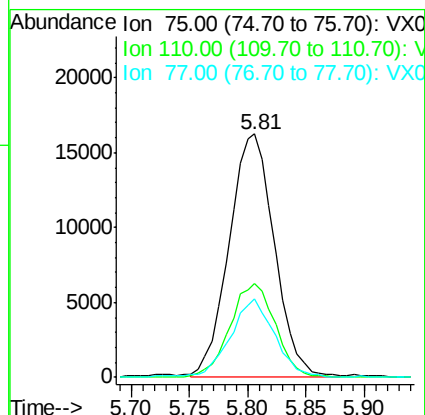
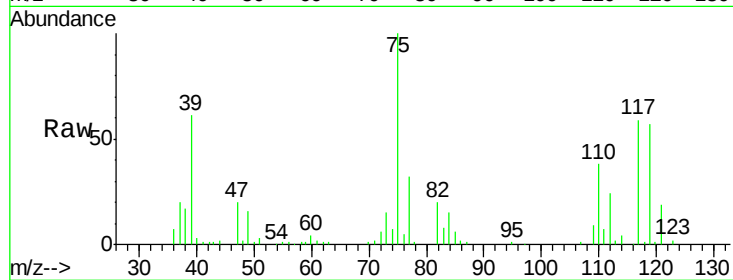
Tgt Ion: 75 Resp: 44053

Ion Ratio Lower Upper

75 100

110 38.5 0.0 75.6

77 31.3 0.0 62.6



#30

2-Butanone

Concen: 89.45 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

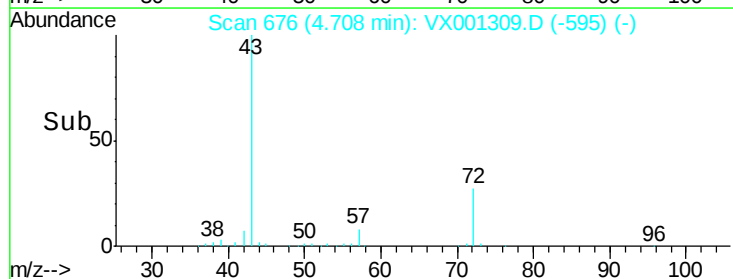
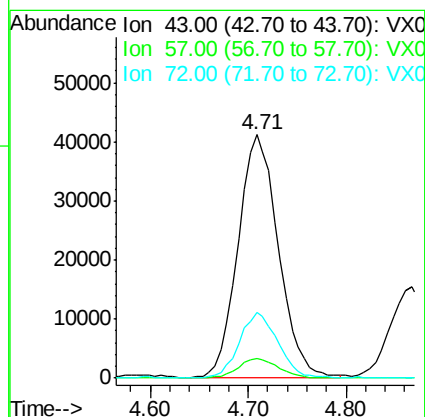
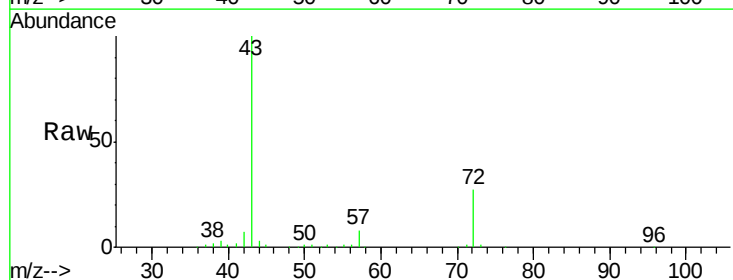
Tgt Ion: 43 Resp: 117360

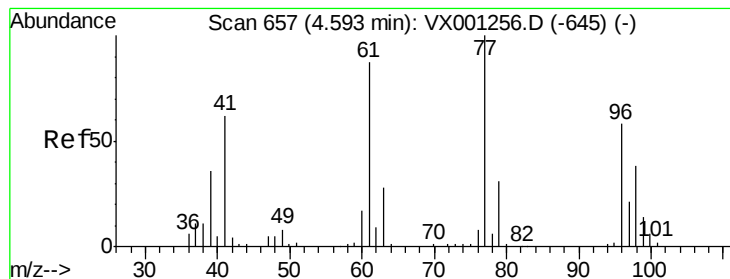
Ion Ratio Lower Upper

43 100

57 8.0 6.6 10.0

72 25.9 21.8 32.6





#31

2,2-Dichloropropane

Concen: 16.20 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

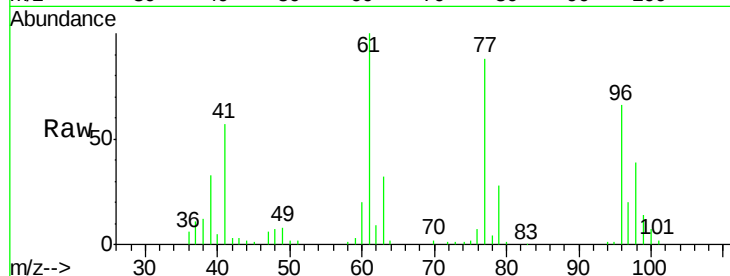
VSTDCCC020

Tgt Ion: 77 Resp: 45268

Ion Ratio Lower Upper

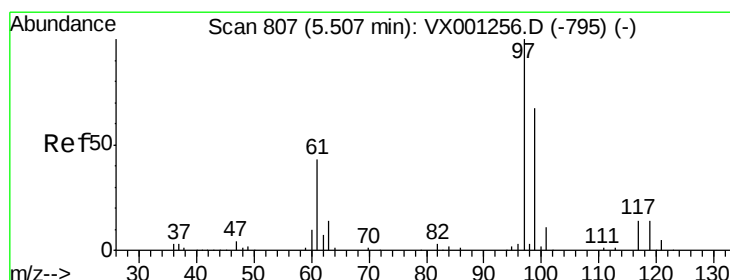
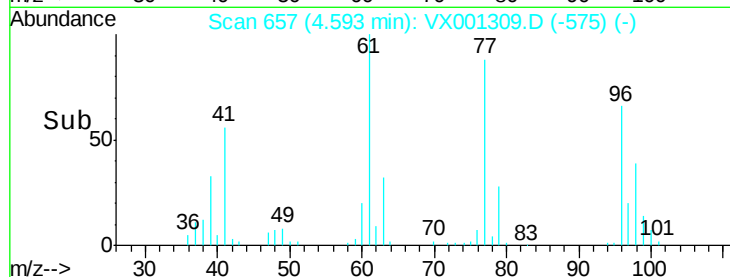
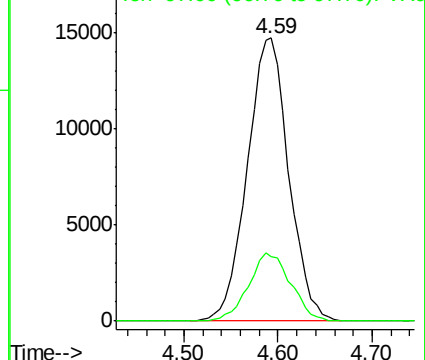
77 100

97 24.5 18.6 27.8



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 16.82 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

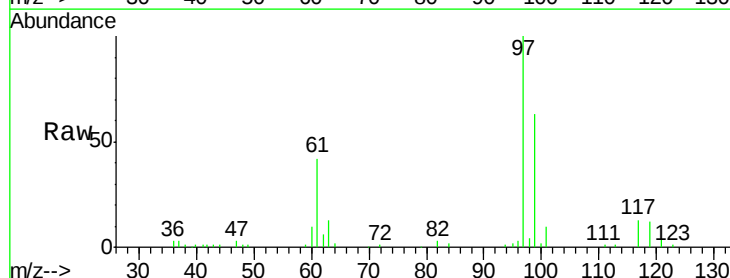
Tgt Ion: 97 Resp: 52107

Ion Ratio Lower Upper

97 100

99 64.1 52.3 78.5

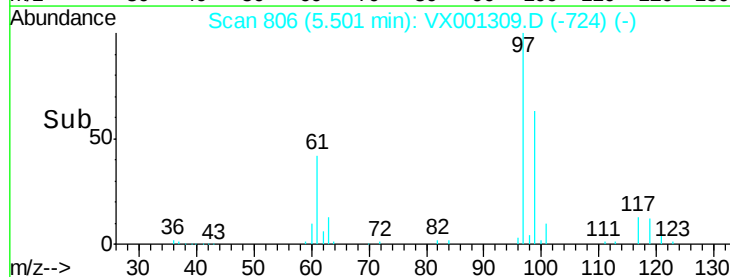
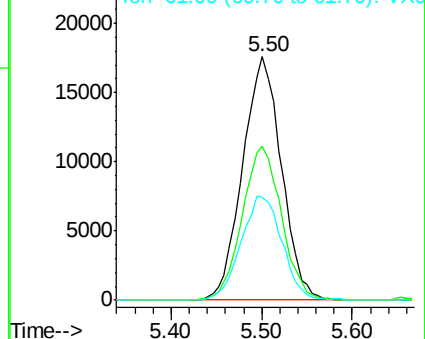
61 45.0 34.3 51.5

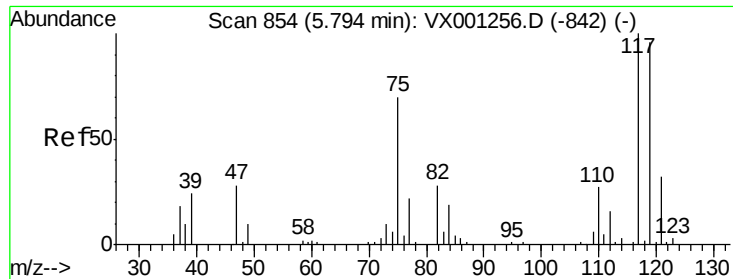


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

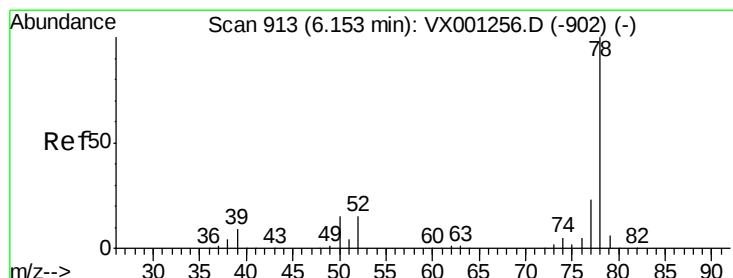
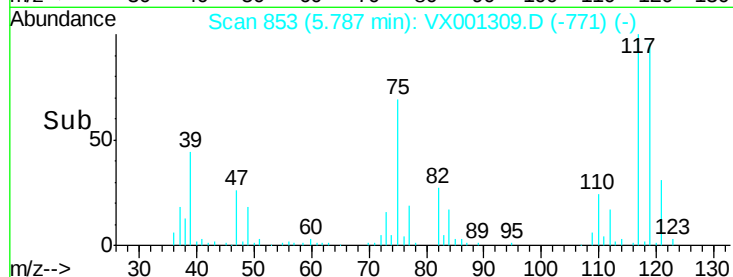
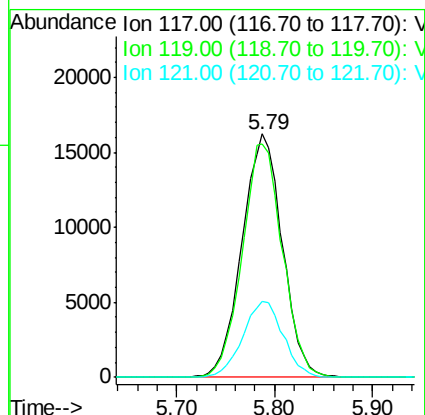
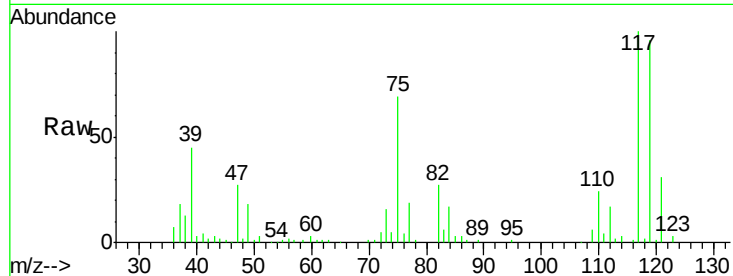




#33
Carbon Tetrachloride
Concen: 16.67 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

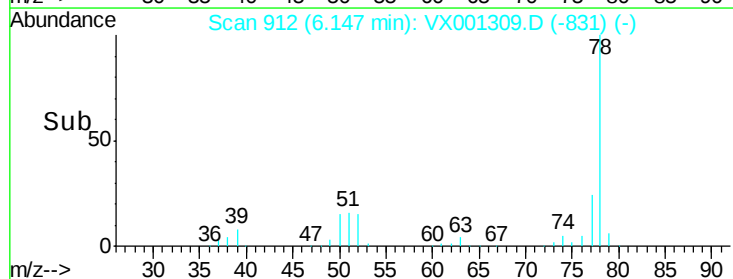
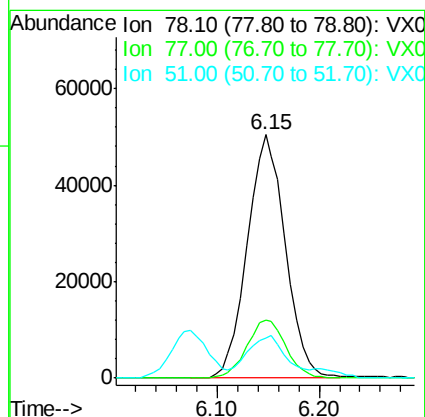
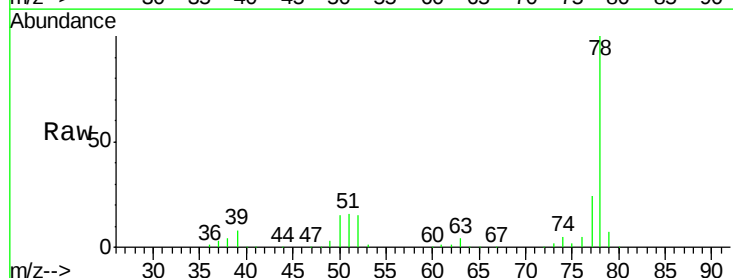
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

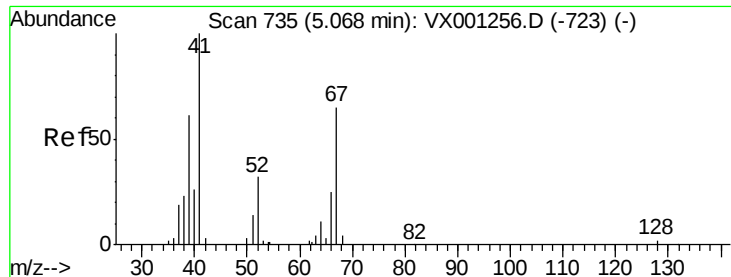
Tgt Ion:117 Resp: 46556
Ion Ratio Lower Upper
117 100
119 96.1 73.5 110.3
121 31.4 24.6 37.0



#34
Benzene
Concen: 17.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 78 Resp: 130865
Ion Ratio Lower Upper
78 100
77 23.9 21.7 32.5
51 14.1 14.9 22.3#

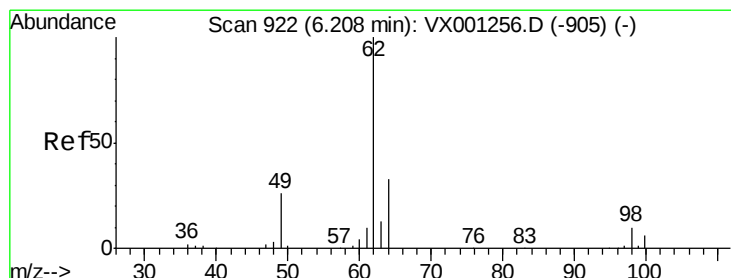
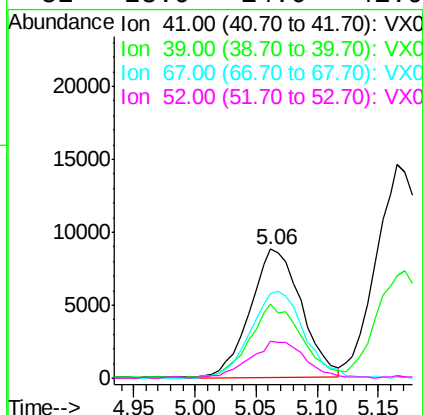
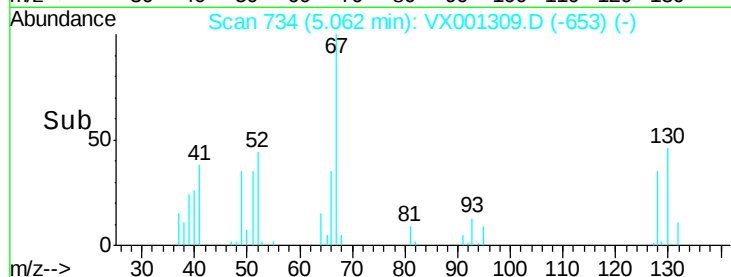
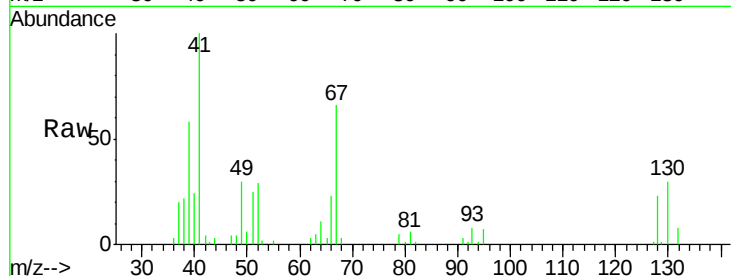




#35
Methacrylonitrile
Concen: 17.66 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

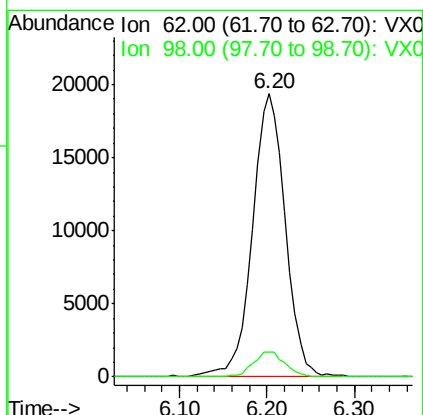
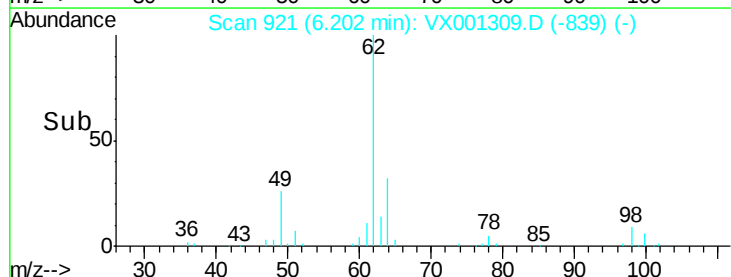
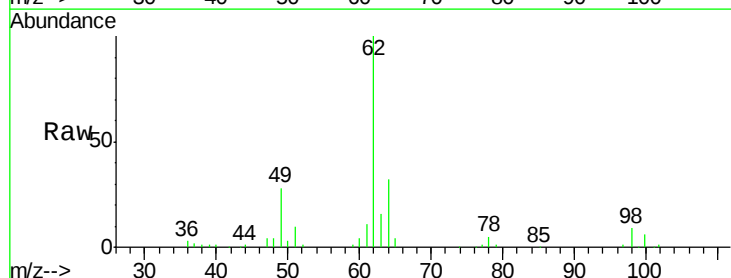
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

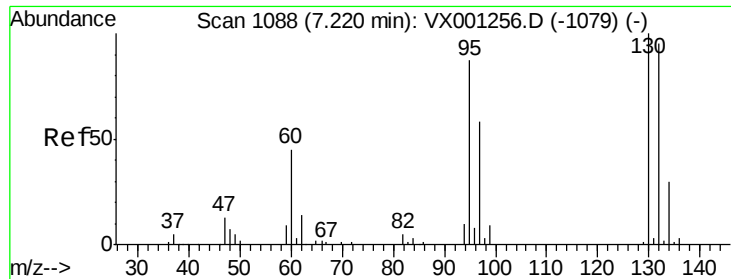
Tgt Ion:	41	Resp:	25711
Ion	Ratio	Lower	Upper
41	100		
39	57.9	29.8	89.3
67	66.1	28.7	86.3
52	28.9	14.0	41.9



#36
1,2-Dichloroethane
Concen: 17.38 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion:	62	Resp:	50597
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3

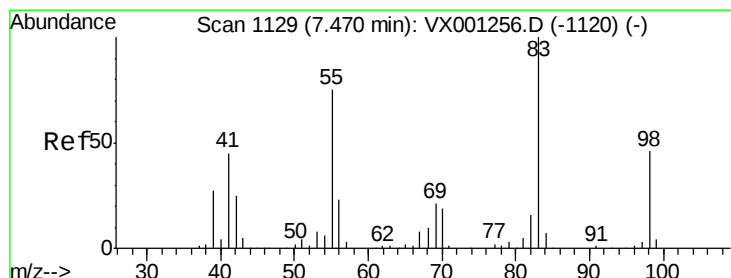
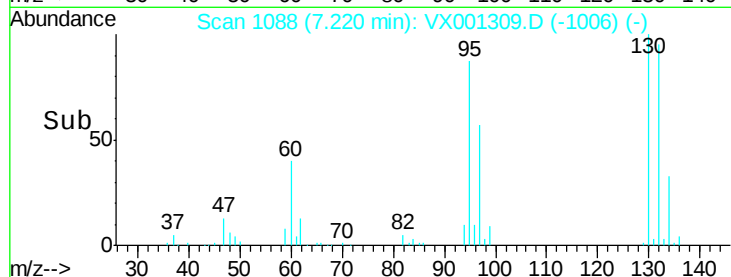
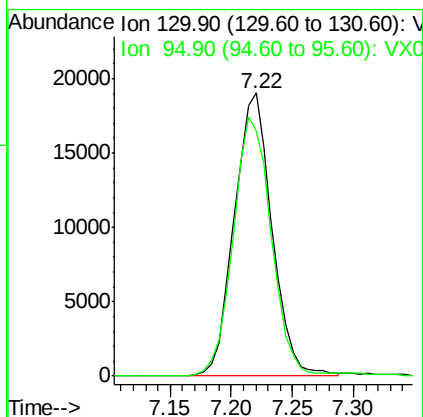
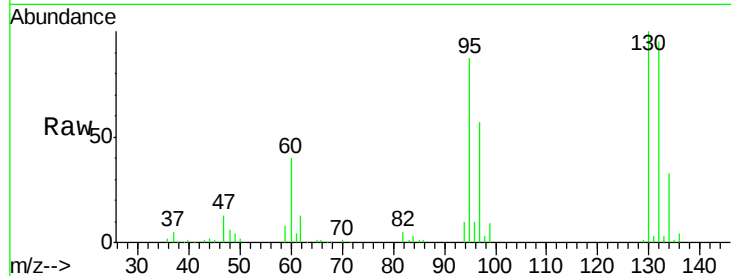




#37
 Trichloroethene
 Concen: 17.68 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

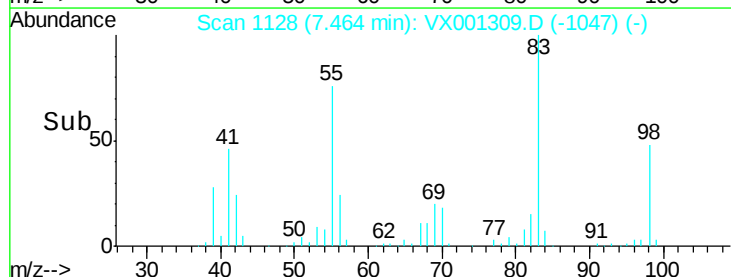
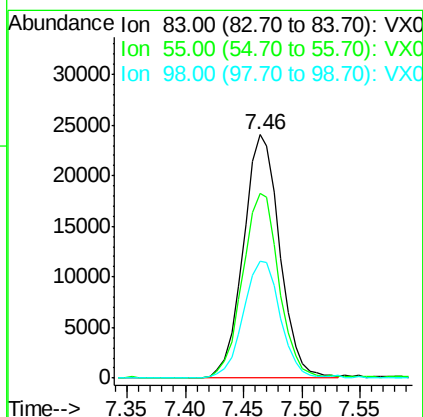
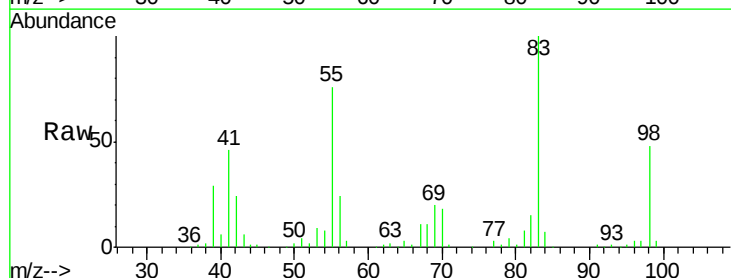
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

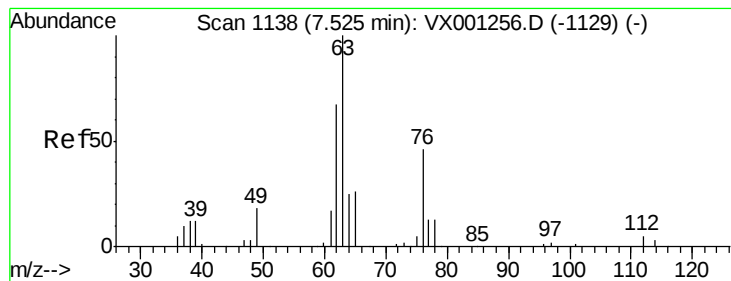
Tgt Ion:130 Resp: 40679
 Ion Ratio Lower Upper
 130 100
 95 86.6 74.6 112.0



#38
 Methylcyclohexane
 Concen: 17.39 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 83 Resp: 52390
 Ion Ratio Lower Upper
 83 100
 55 76.2 35.9 107.7
 98 48.5 24.6 74.0





#39

1,2-Dichloropropane

Concen: 17.41 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

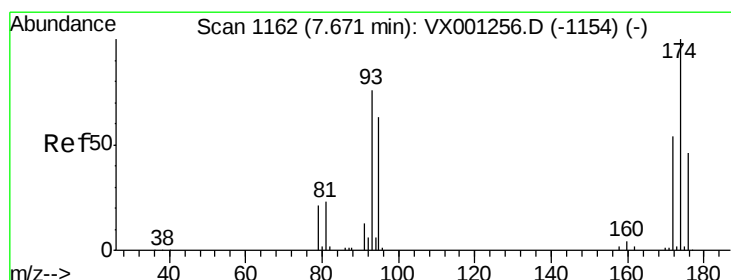
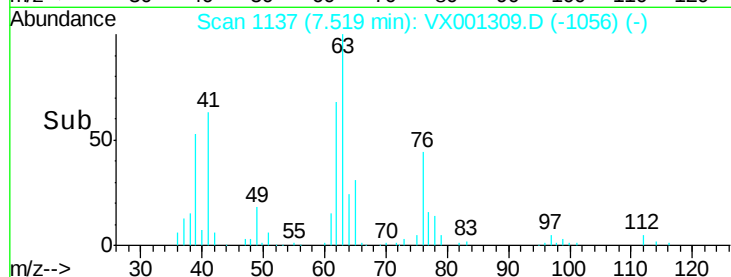
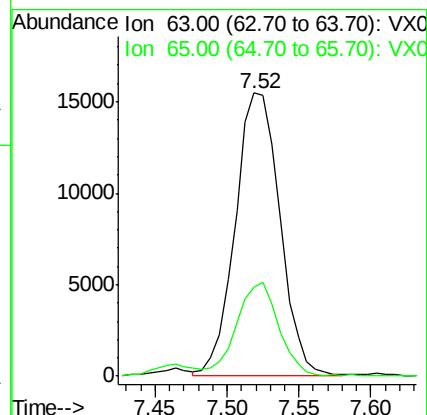
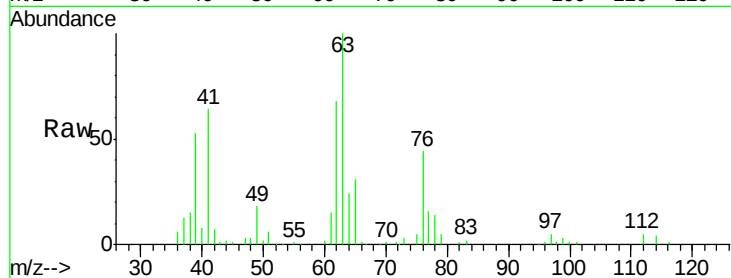
VSTDCCC020

Tgt Ion: 63 Resp: 33499

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



#40

Dibromomethane

Concen: 17.71 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

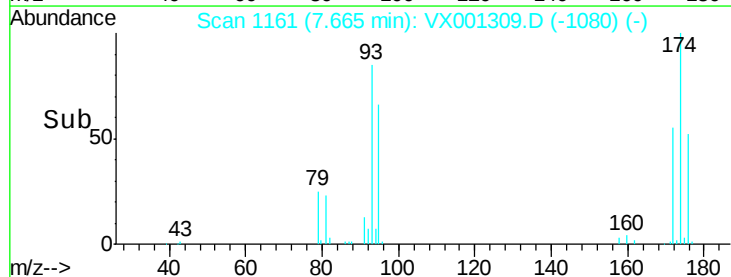
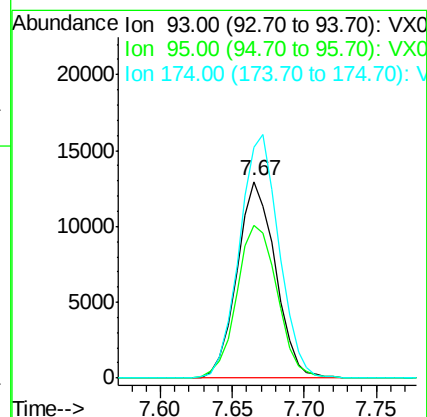
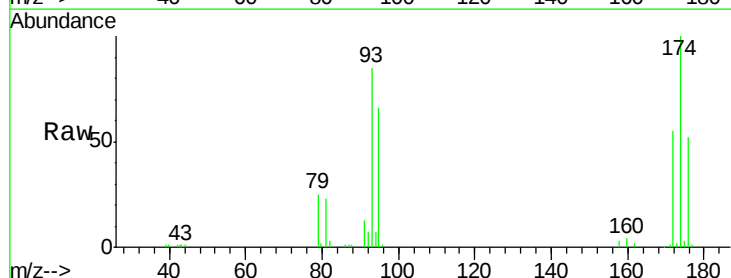
Tgt Ion: 93 Resp: 23974

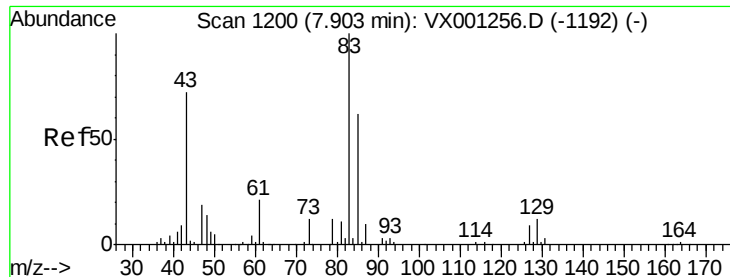
Ion Ratio Lower Upper

93 100

95 82.2 0.0 170.6

174 127.4 0.0 210.4





#41

Bromodichloromethane

Concen: 16.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

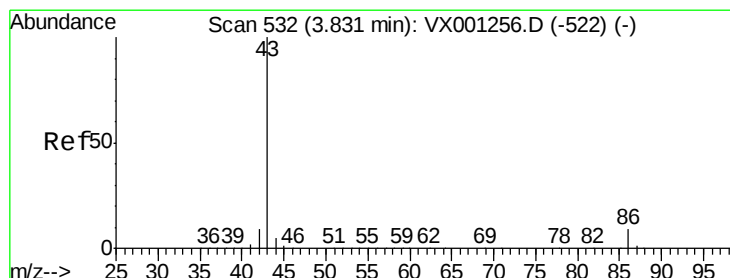
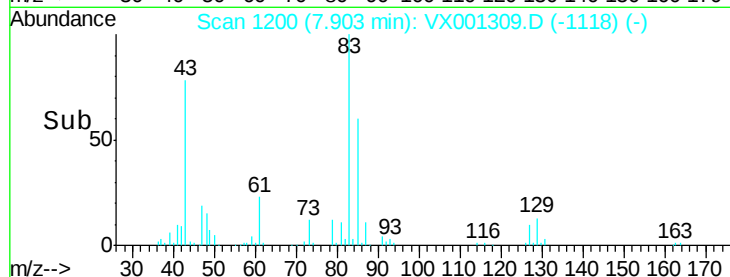
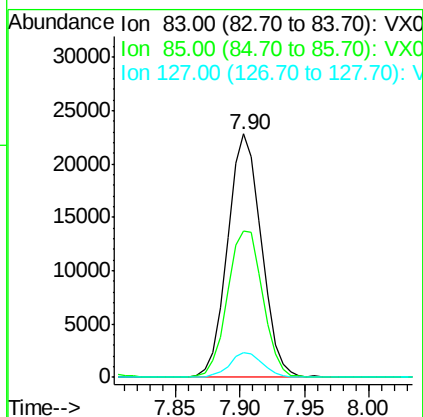
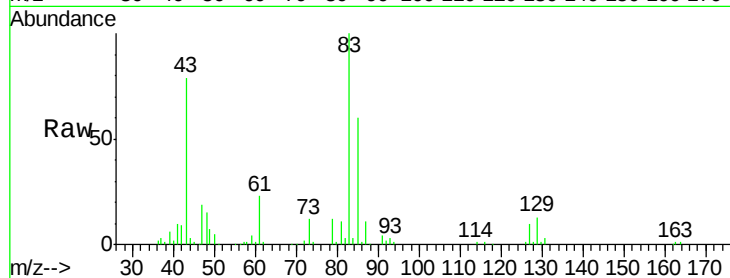
Tgt Ion: 83 Resp: 41809

Ion Ratio Lower Upper

83 100

85 60.1 50.0 75.0

127 10.2 6.6 10.0#



#42

Vinyl Acetate

Concen: 86.97 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001309.D

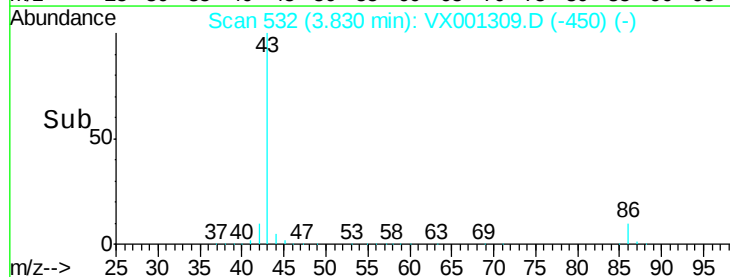
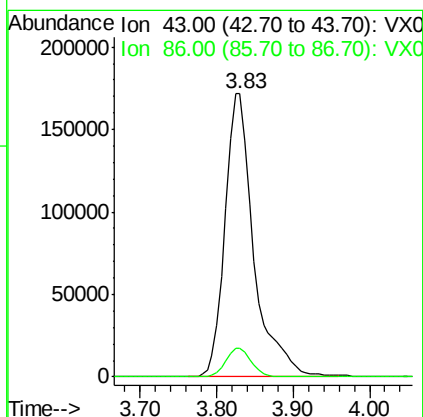
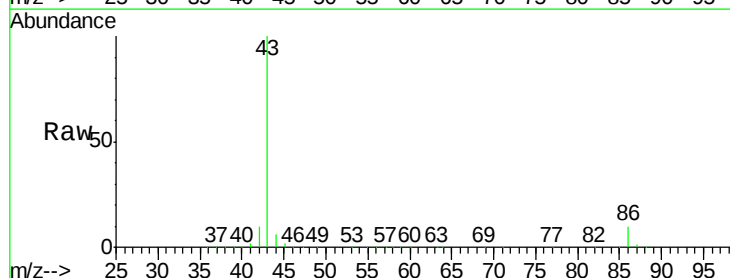
Acq: 02 May 2018 10:06

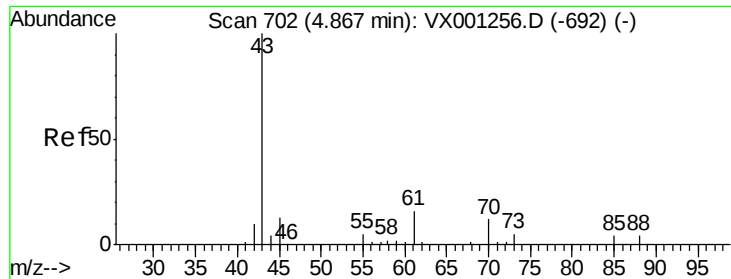
Tgt Ion: 43 Resp: 448829

Ion Ratio Lower Upper

43 100

86 9.0 7.8 11.6

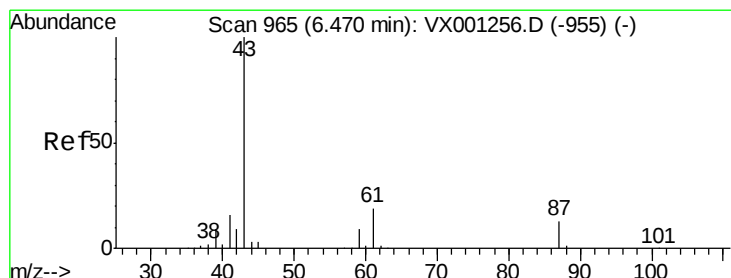
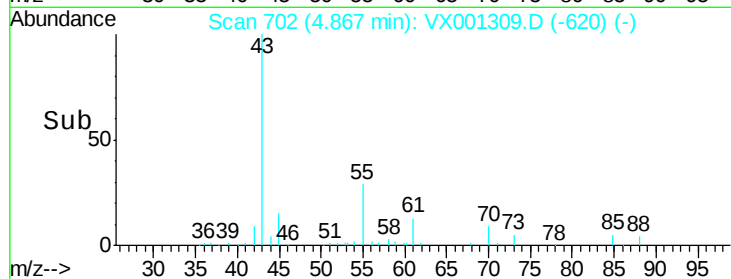
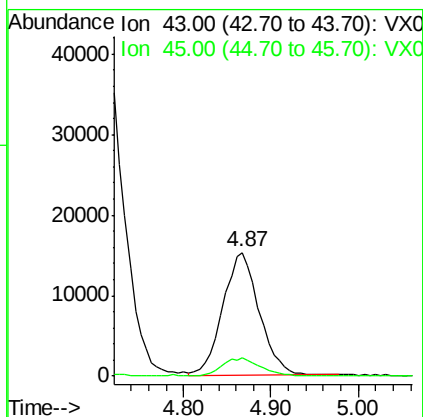
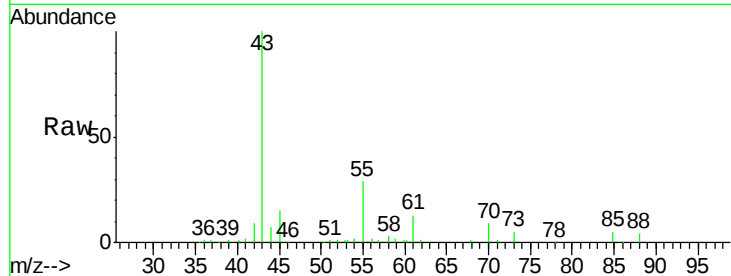




#43
Ethyl Acetate
Concen: 17.36 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

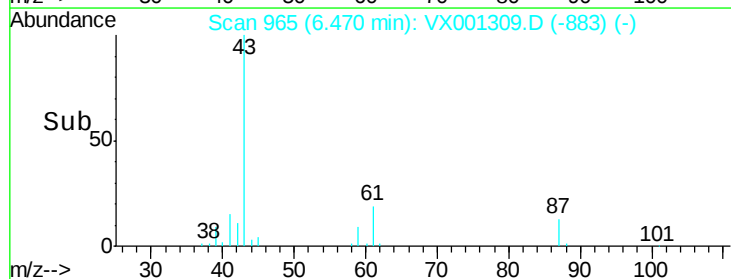
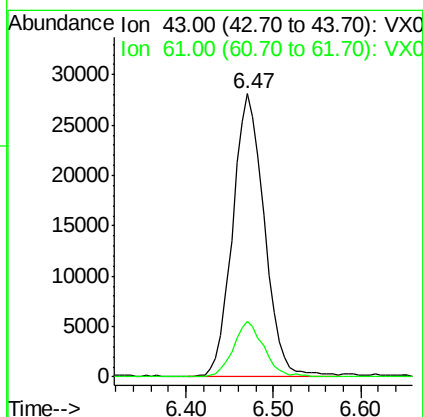
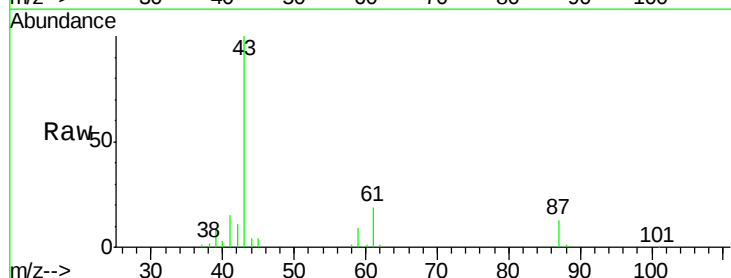
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

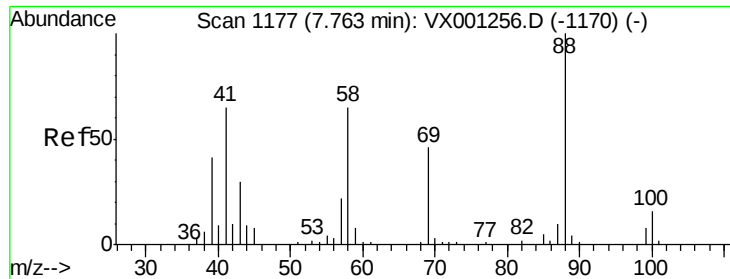
Tgt Ion: 43 Resp: 43871
Ion Ratio Lower Upper
43 100
45 16.0 11.4 17.0



#44
Isopropyl Acetate
Concen: 16.37 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 43 Resp: 70383
Ion Ratio Lower Upper
43 100
61 19.0 15.7 23.5

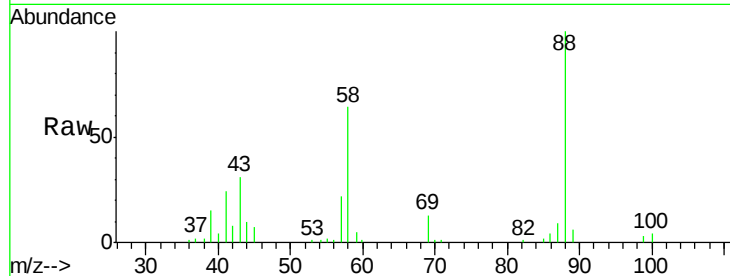




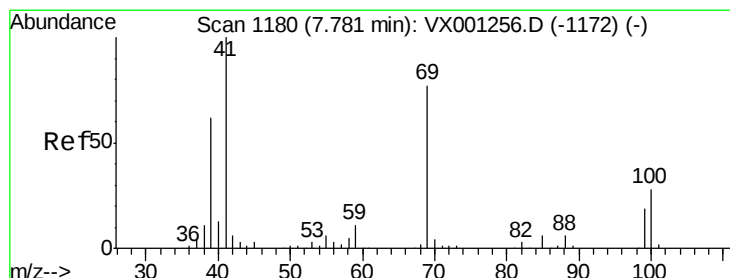
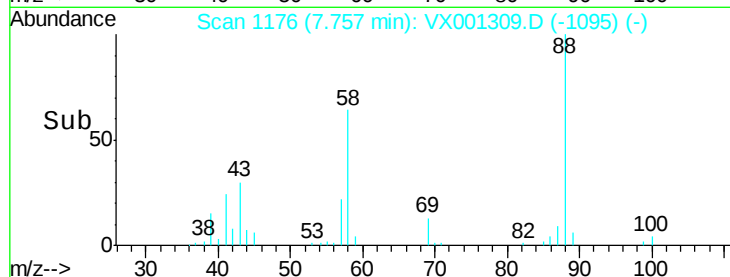
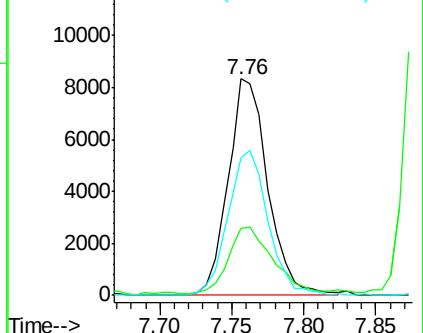
#45
 1,4-Dioxane
 Concen: 409.81 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 88 Resp: 16014
 Ion Ratio Lower Upper
 88 100
 43 33.6 26.8 40.2
 58 67.5 52.1 78.1

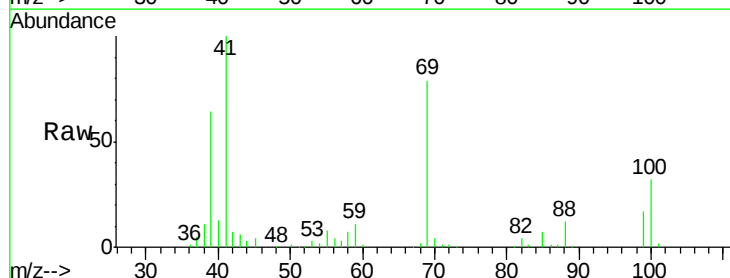


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

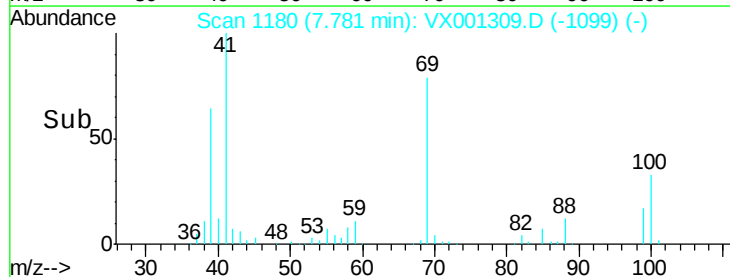
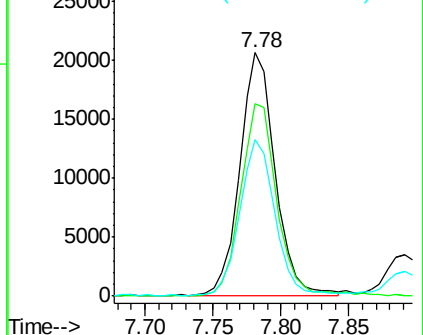


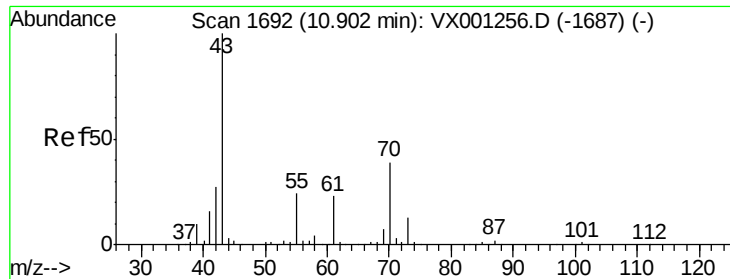
#46
 Methyl methacrylate
 Concen: 16.58 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 41 Resp: 37090
 Ion Ratio Lower Upper
 41 100
 69 79.6 45.5 136.5
 39 64.2 32.5 97.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#47

n-amy1 Acetate

Concen: 15.47 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

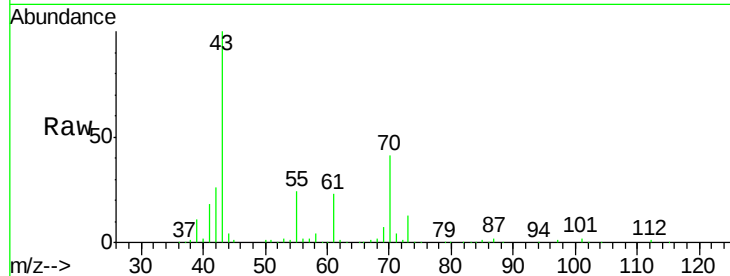
VSTDCCC020

Tgt Ion: 43 Resp: 63826

Ion Ratio Lower Upper

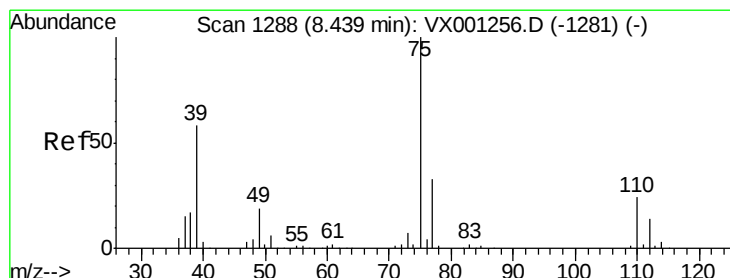
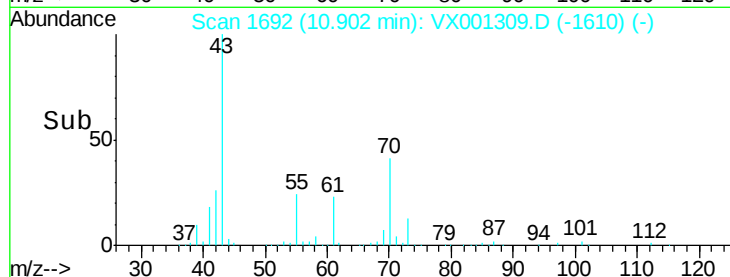
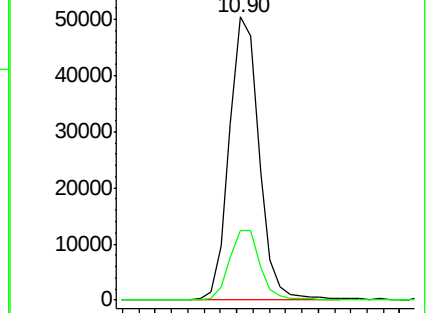
43 100

55 26.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 16.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001309.D

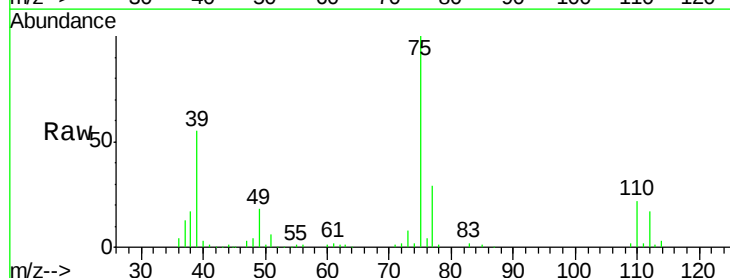
Acq: 02 May 2018 10:06

Tgt Ion: 75 Resp: 48745

Ion Ratio Lower Upper

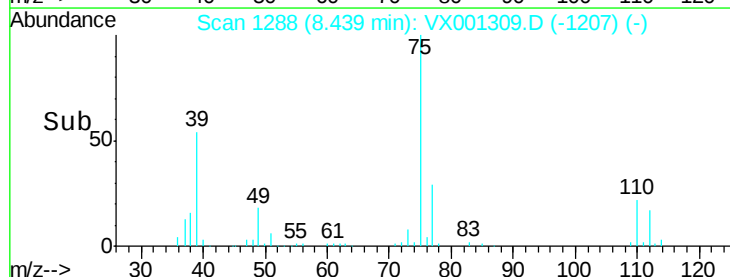
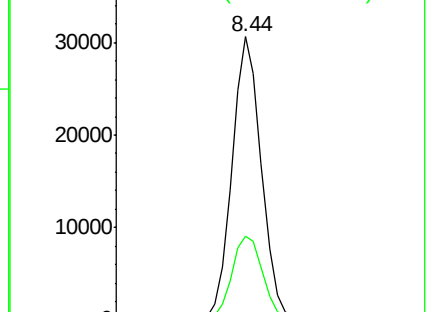
75 100

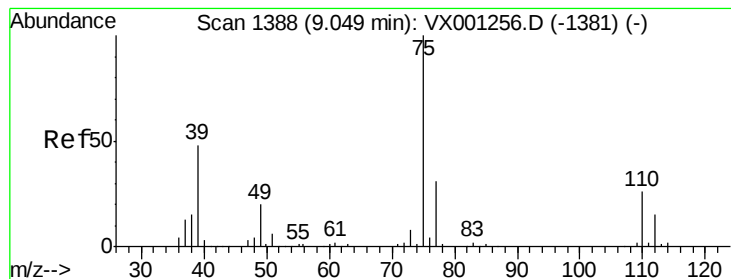
77 29.4 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



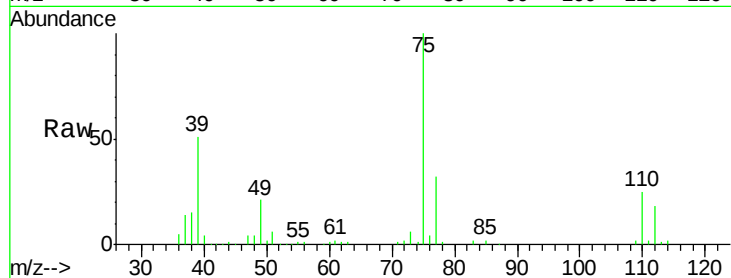


#49

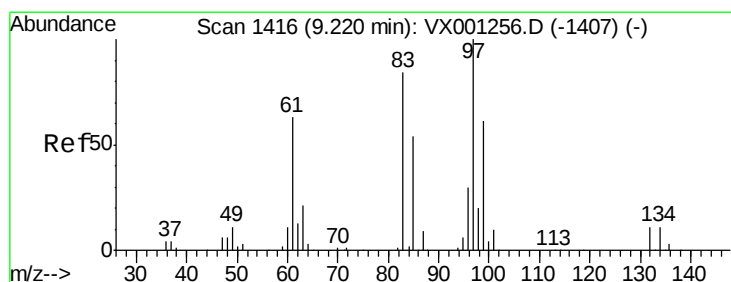
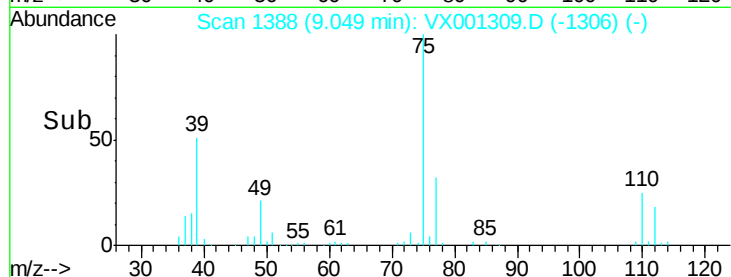
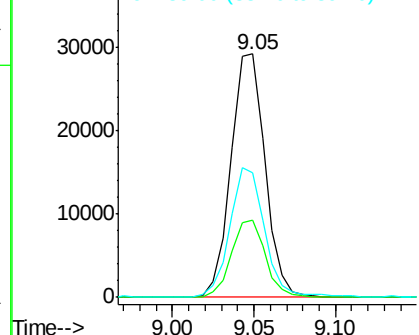
cis-1,3-Dichloropropene
 Concen: 14.76 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 75 Resp: 42553
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7
 39 50.7 35.6 53.4



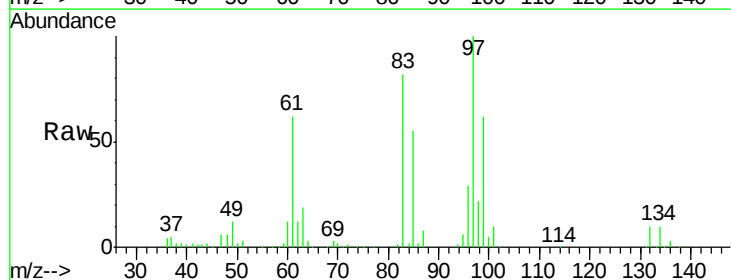
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



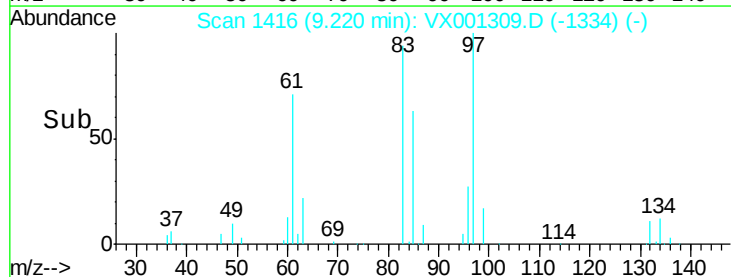
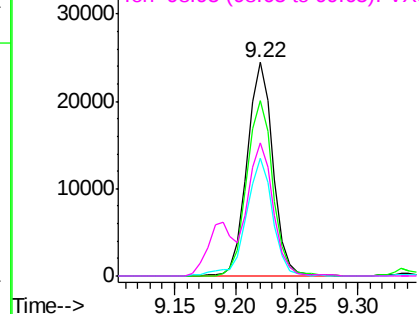
#50

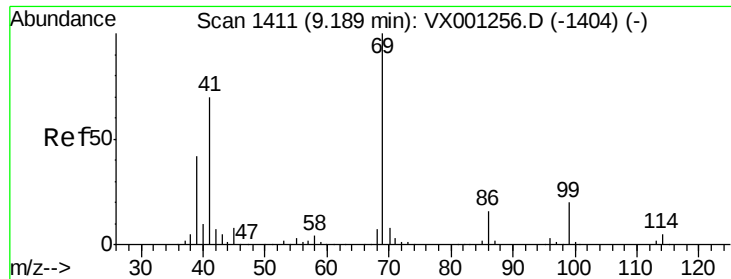
1,1,2-Trichloroethane
 Concen: 17.87 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 97 Resp: 35926
 Ion Ratio Lower Upper
 97 100
 83 82.1 66.9 100.3
 85 55.4 44.4 66.6
 99 62.5 50.0 75.0



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

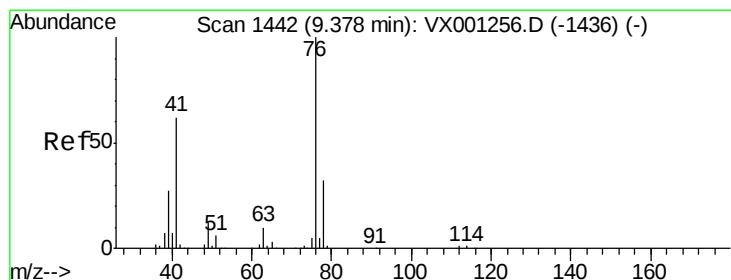
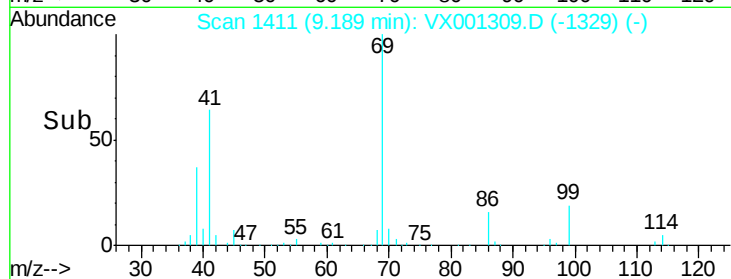
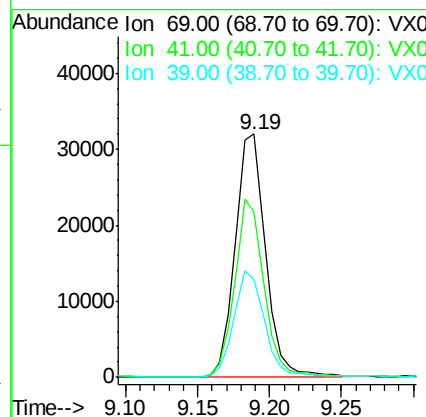
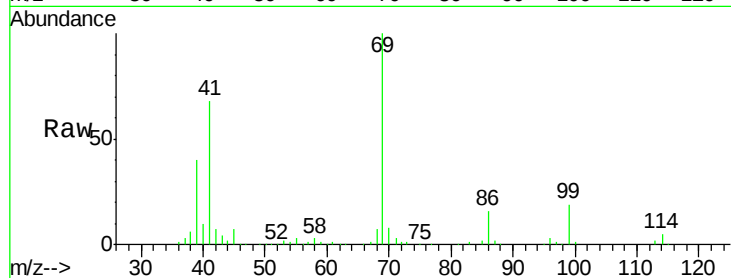




#51
Ethyl methacrylate
Concen: 16.62 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

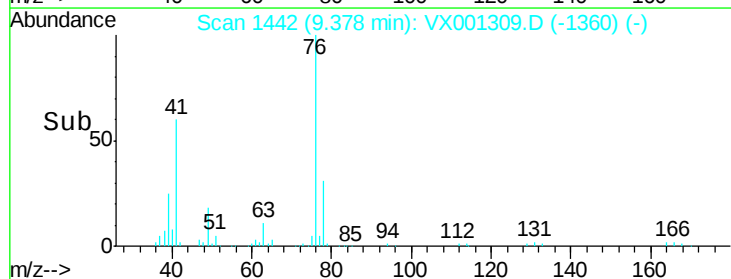
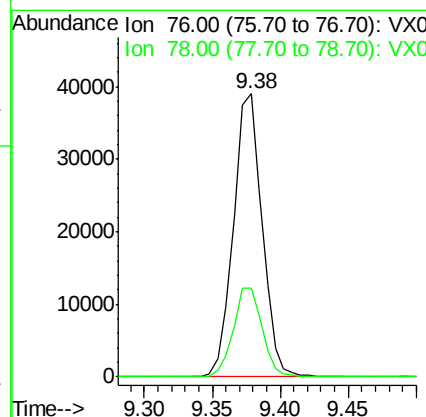
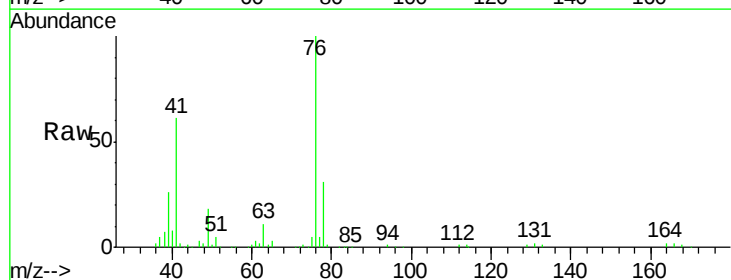
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

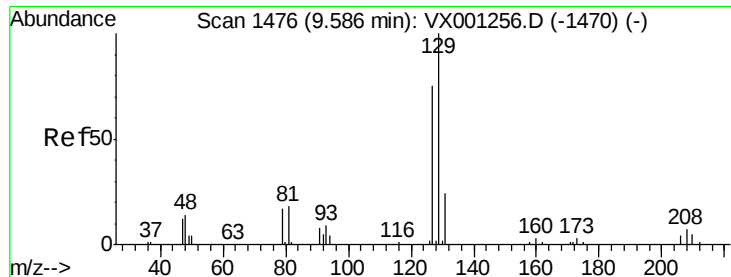
Tgt Ion: 69 Resp: 47612
Ion Ratio Lower Upper
69 100
41 67.8 32.1 96.3
39 39.6 19.6 58.7



#52
1,3-Dichloropropane
Concen: 17.64 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 76 Resp: 57314
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.0





#53

Dibromochloromethane

Concen: 15.75 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

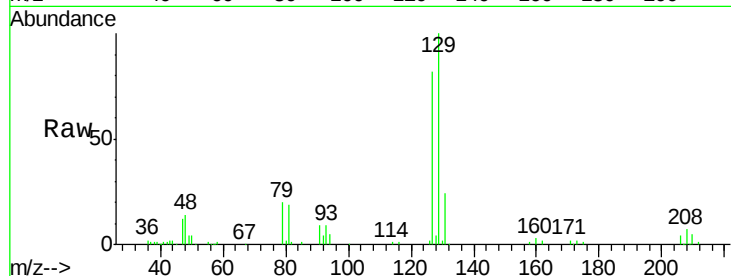
VSTDCCC020

Tgt Ion:129 Resp: 34950

Ion Ratio Lower Upper

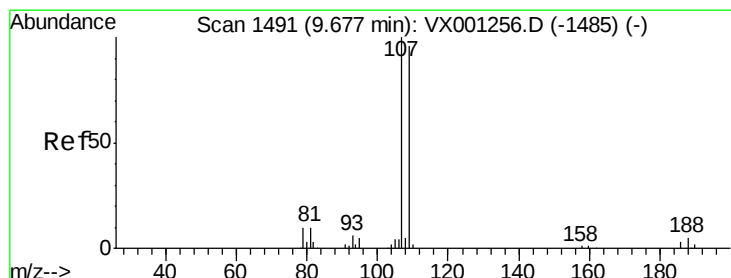
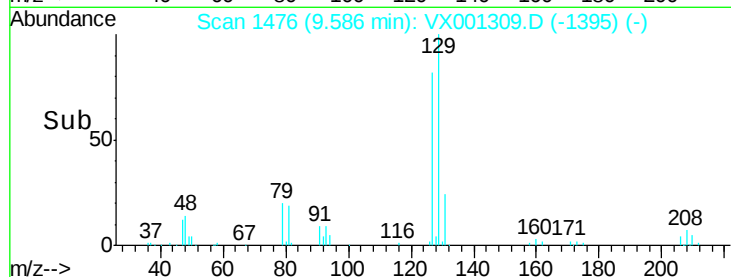
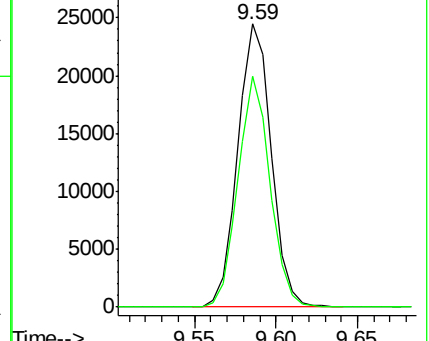
129 100

127 78.0 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: 17.23 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001309.D

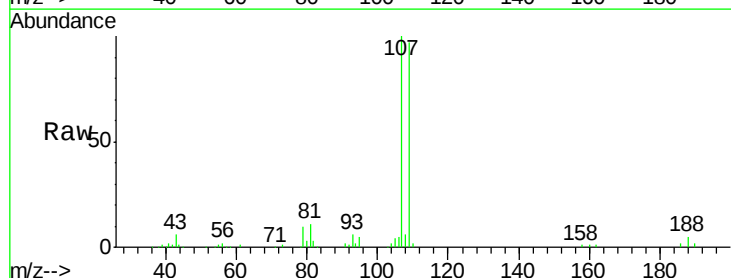
Acq: 02 May 2018 10:06

Tgt Ion:107 Resp: 37077

Ion Ratio Lower Upper

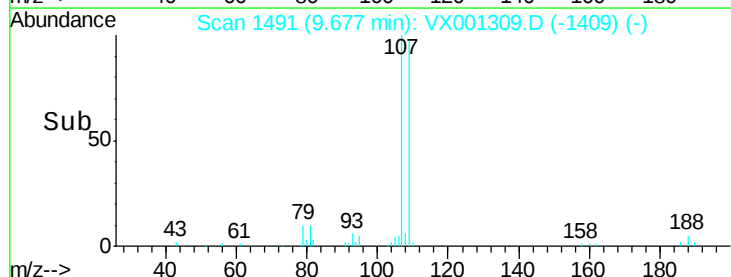
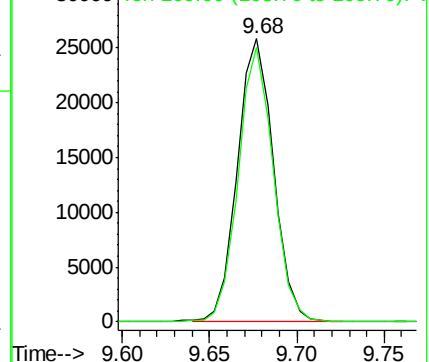
107 100

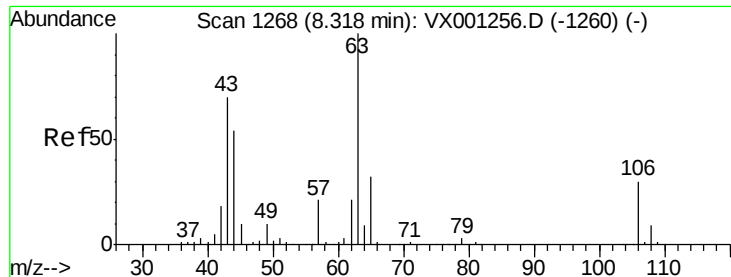
109 94.2 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

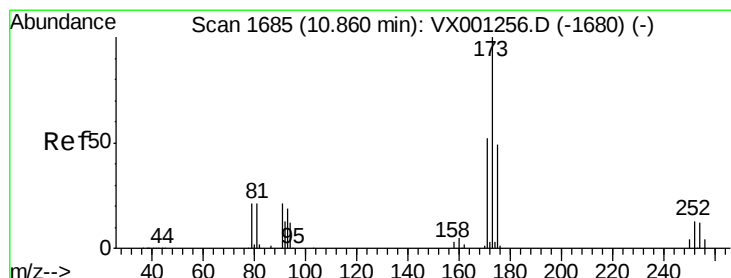
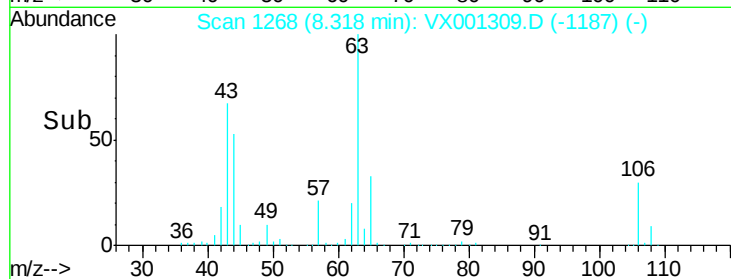
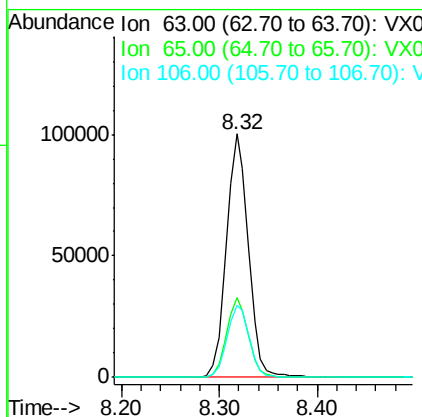
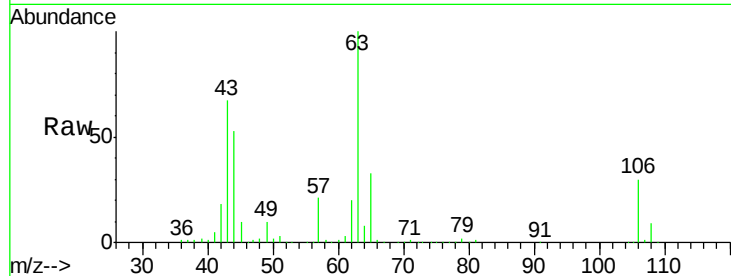




#55
 2-Chloroethyl vinyl ether
 Concen: 111.10 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

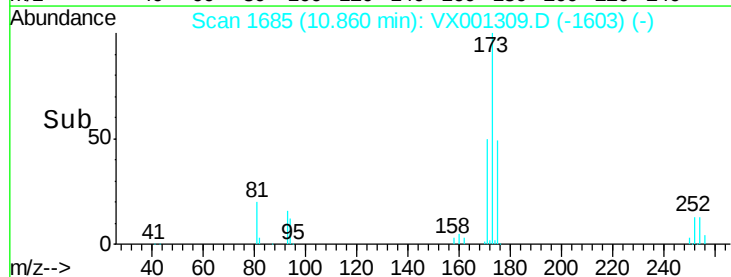
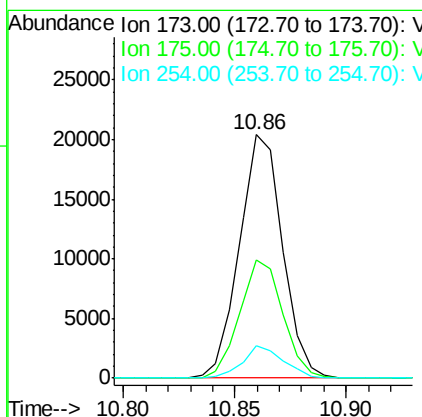
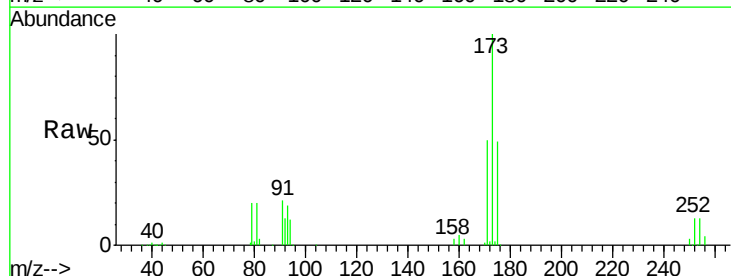
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

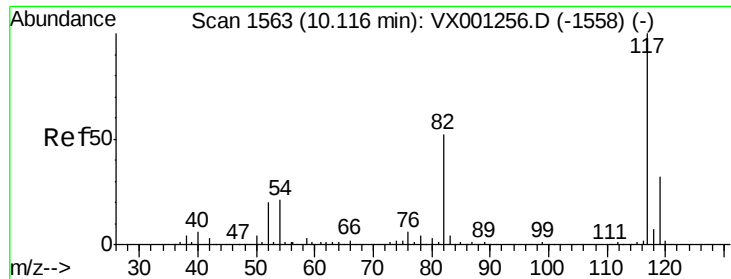
Tgt Ion: 63 Resp: 155876
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.8 38.8
 106 29.9 23.8 35.6



#56
 Bromoform
 Concen: 15.18 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 173 Resp: 27565
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.4
 254 12.4 7.0 10.4#

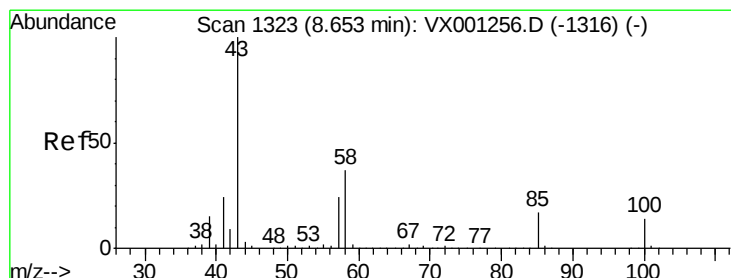
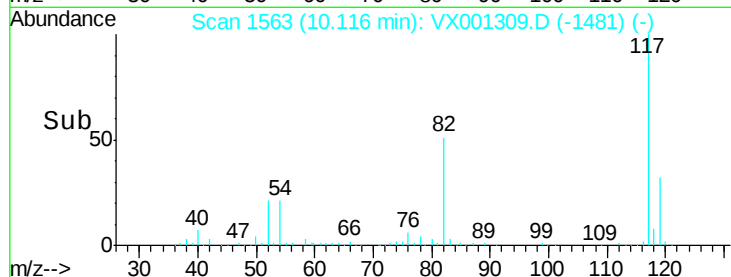
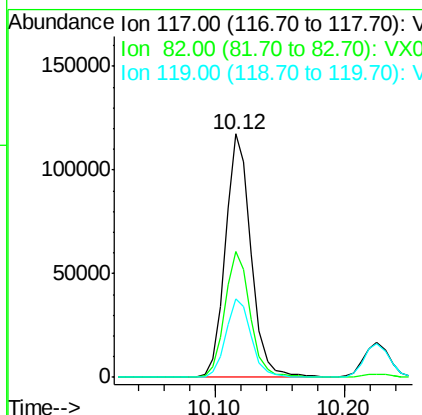
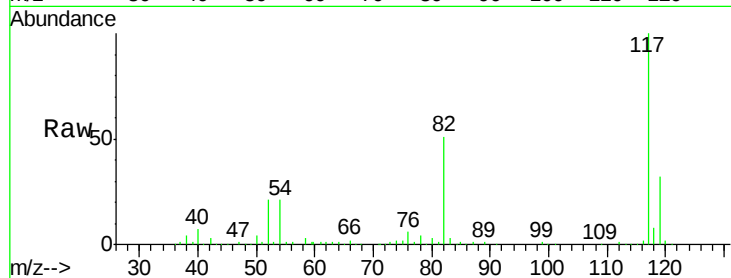




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

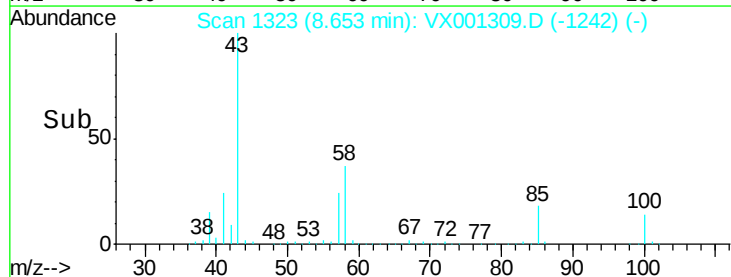
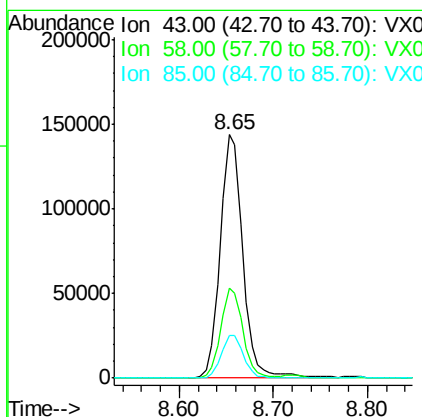
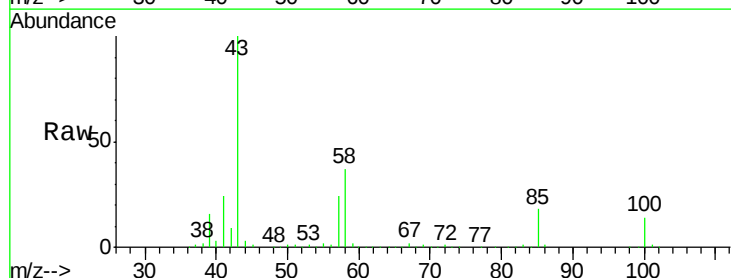
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

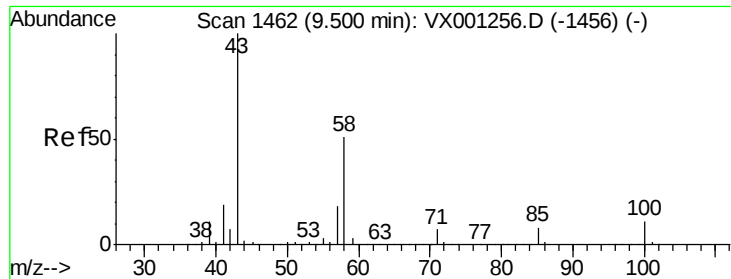
Tgt Ion: 117 Resp: 164215
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.0 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 87.93 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 43 Resp: 239641
Ion Ratio Lower Upper
43 100
58 36.0 29.8 44.8
85 17.6 14.9 22.3

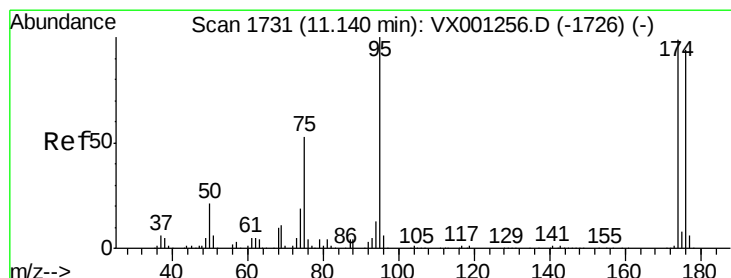
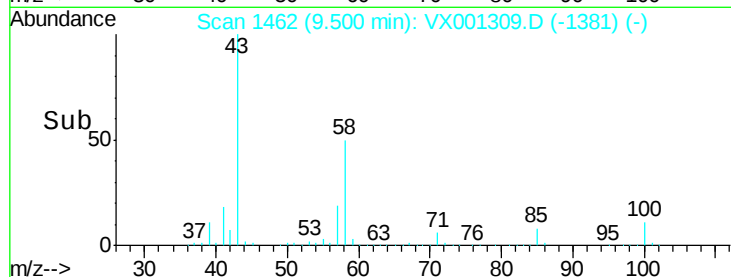
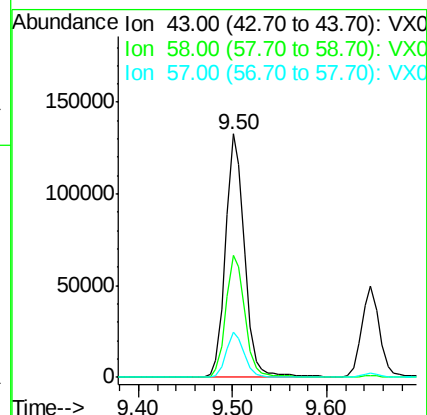
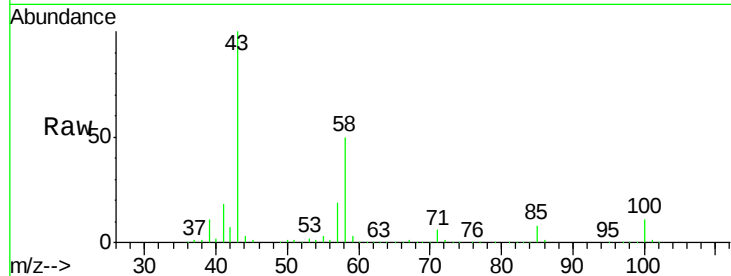




#59
2-Hexanone
Concen: 87.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

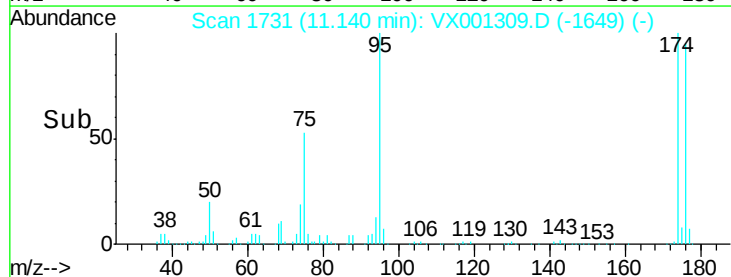
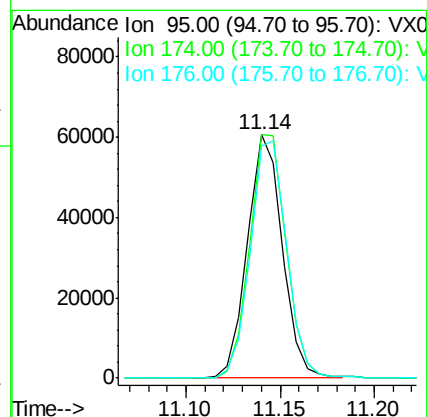
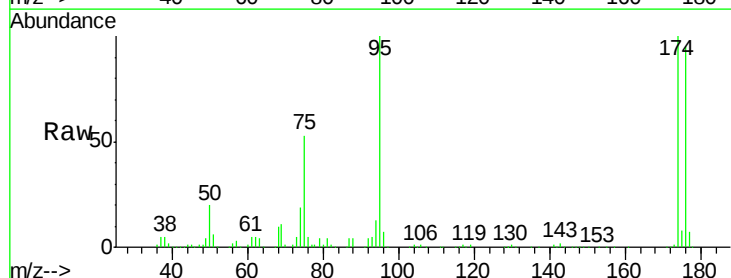
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

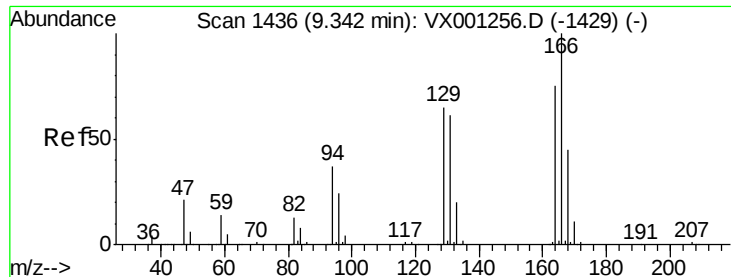
Tgt Ion: 43 Resp: 185261
Ion Ratio Lower Upper
43 100
58 50.7 43.0 64.6
57 18.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 95 Resp: 78002
Ion Ratio Lower Upper
95 100
174 105.2 71.1 106.7
176 101.1 69.3 103.9

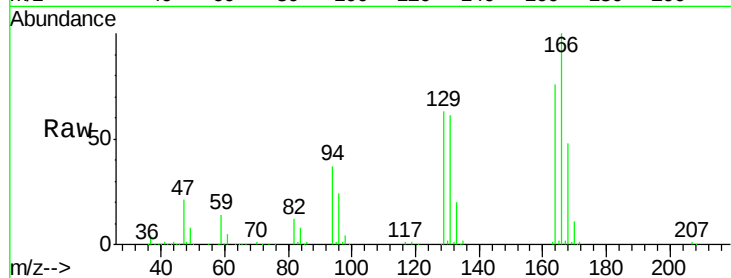




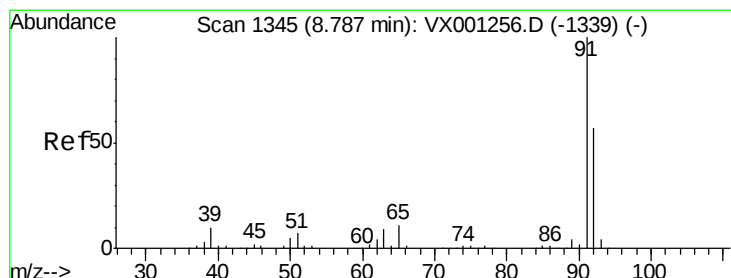
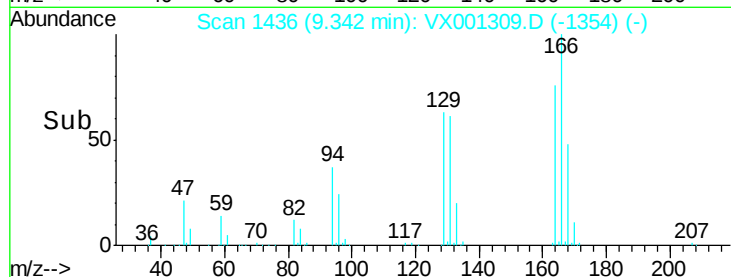
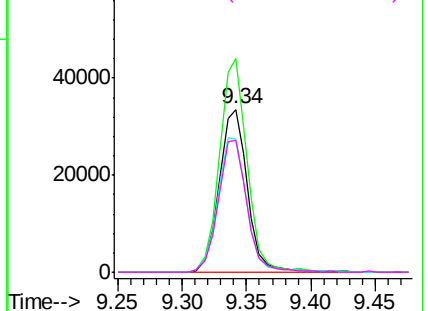
#61
Tetrachloroethene
Concen: 20.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:164 Resp: 52006
Ion Ratio Lower Upper
164 100
166 130.8 99.0 148.4
129 81.6 77.0 115.6
131 80.3 75.8 113.6

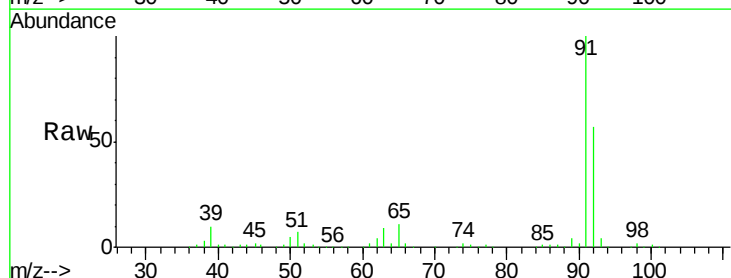


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

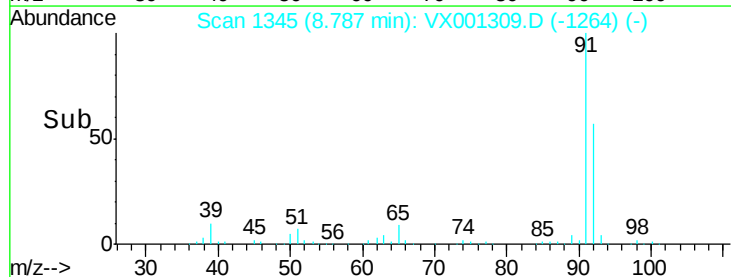
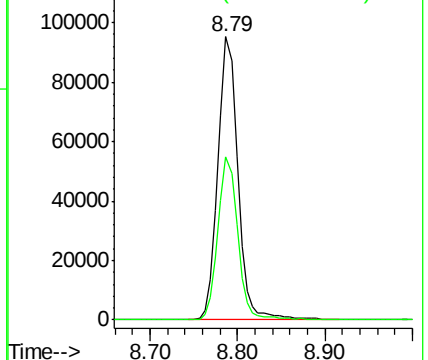


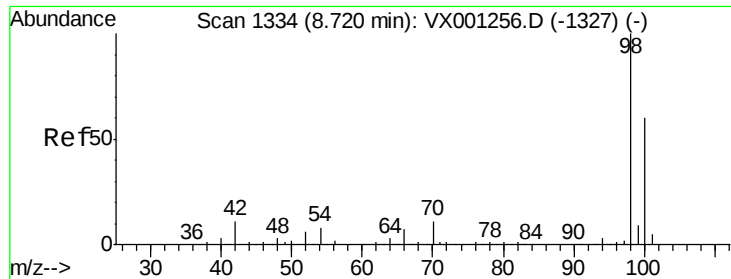
#62
Toluene
Concen: 17.16 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 91 Resp: 151453
Ion Ratio Lower Upper
91 100
92 56.7 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: 29.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

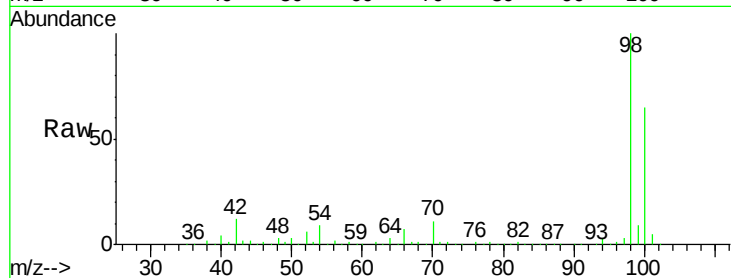
VSTDCCC020

Tgt Ion: 98 Resp: 210601

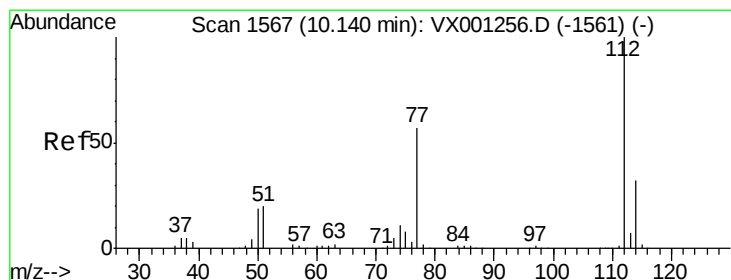
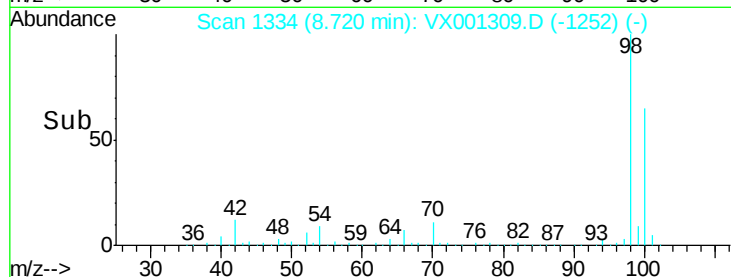
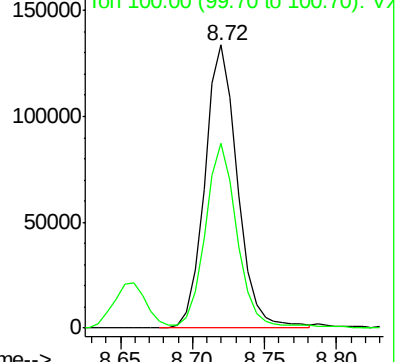
Ion Ratio Lower Upper

98 100

100 63.9 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX001256.D (-1327) (-)



#64

Chlorobenzene

Concen: 17.04 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001309.D

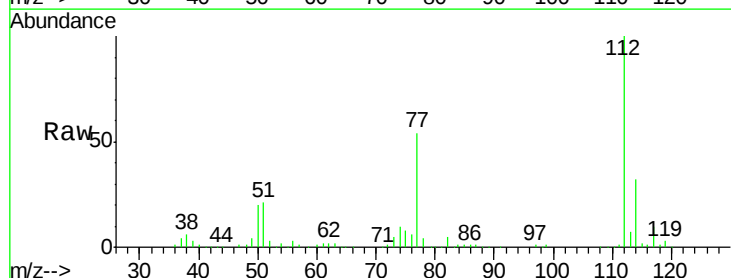
Acq: 02 May 2018 10:06

Tgt Ion: 112 Resp: 101478

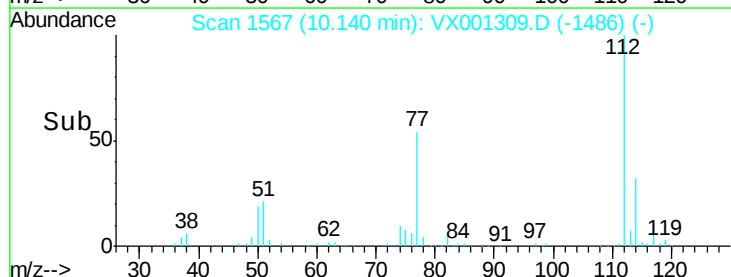
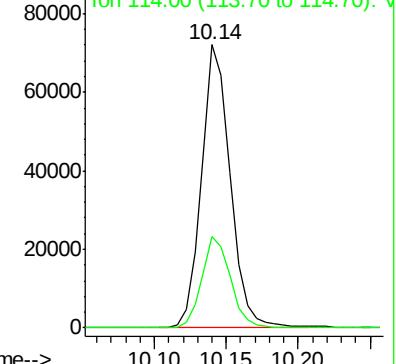
Ion Ratio Lower Upper

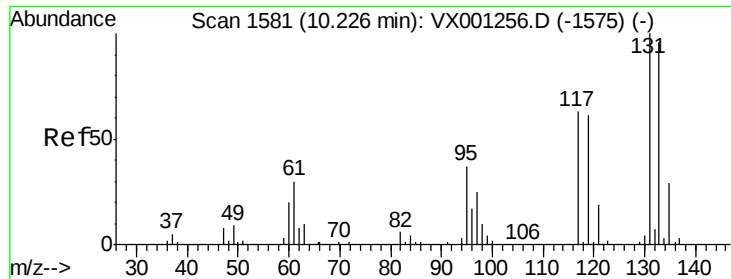
112 100

114 32.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): VX001256.D (-1561) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 16.18 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

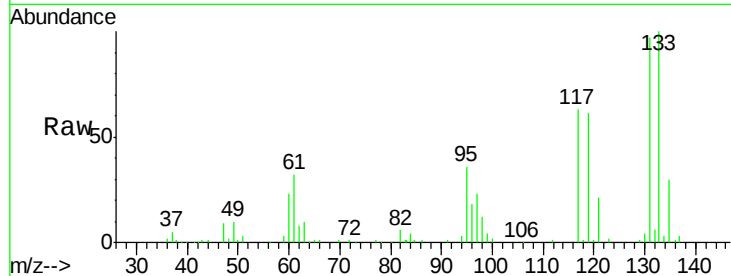
Tgt Ion:131 Resp: 35184

Ion Ratio Lower Upper

131 100

133 99.5 0.0 187.6

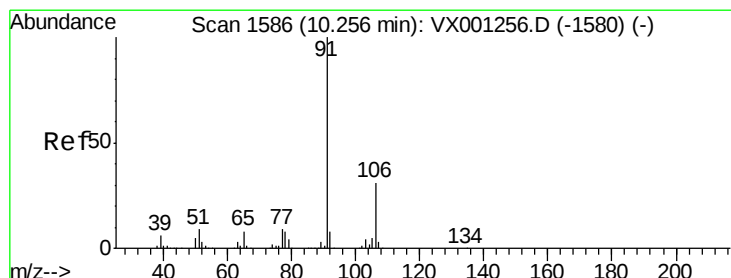
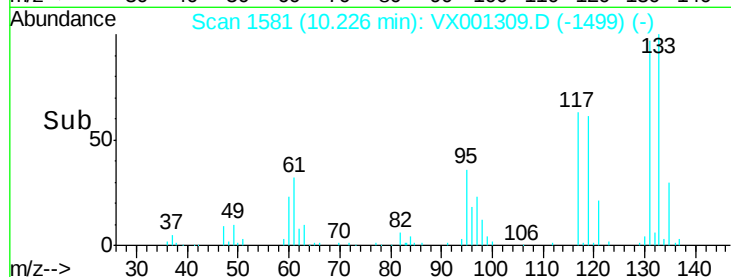
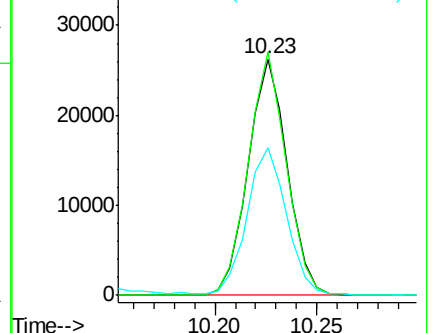
119 63.4 0.0 134.0



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: 16.63 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001309.D

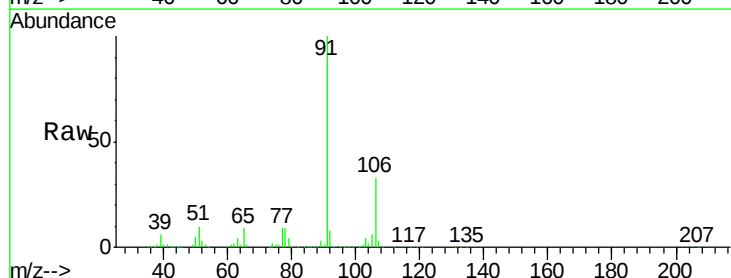
Acq: 02 May 2018 10:06

Tgt Ion: 91 Resp: 163878

Ion Ratio Lower Upper

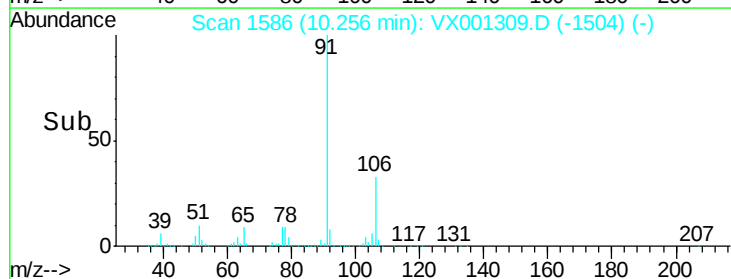
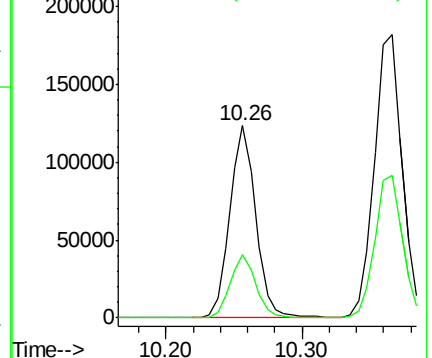
91 100

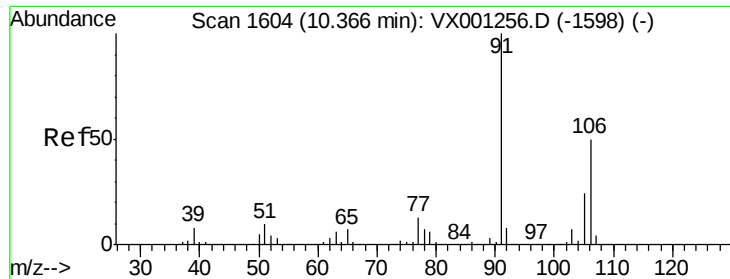
106 32.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

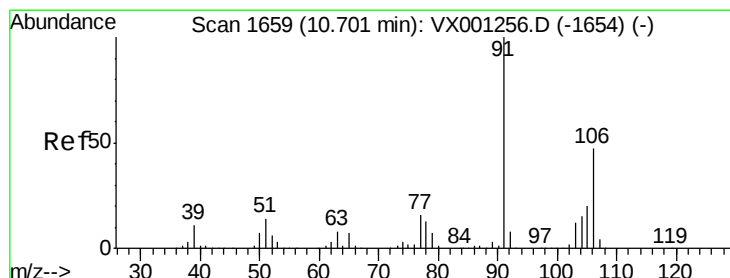
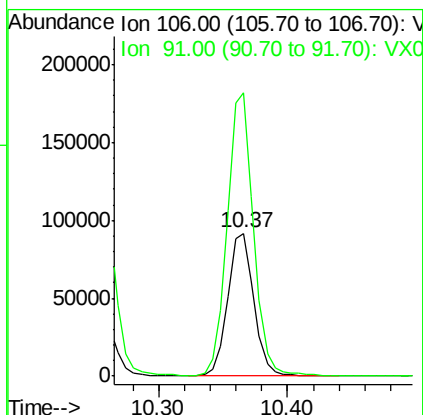
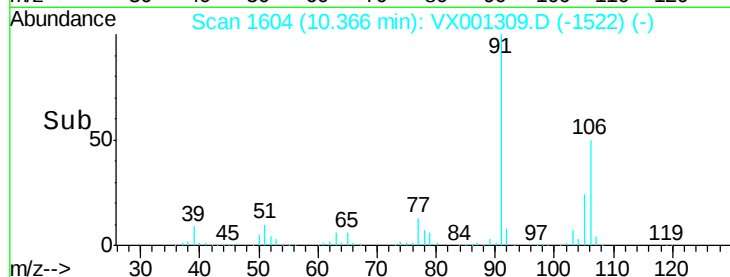
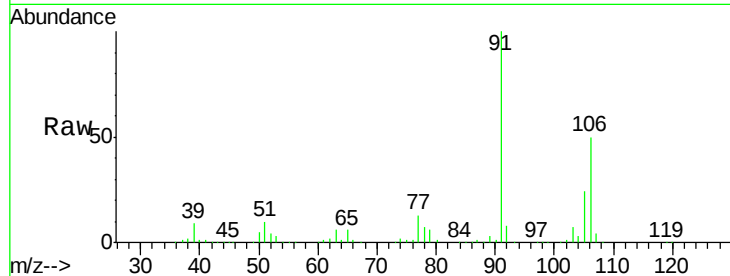




#67
m/p-Xylenes
Concen: 33.32 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

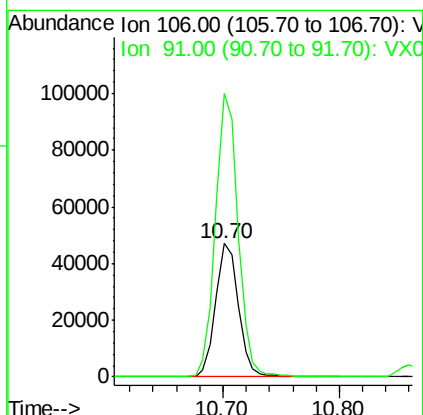
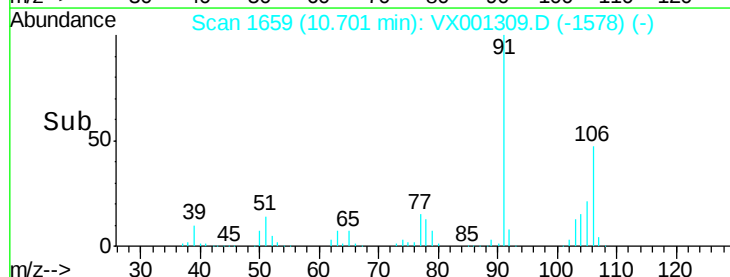
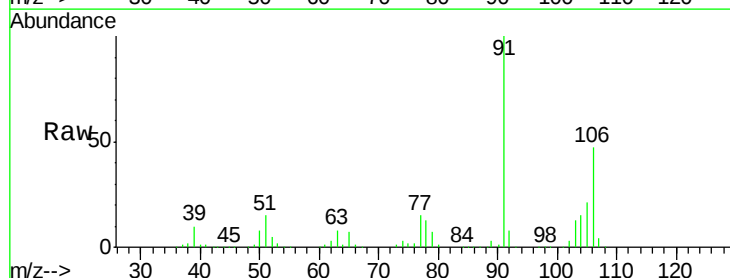
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

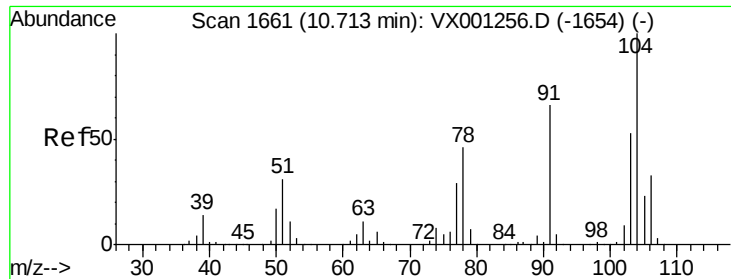
Tgt Ion:106 Resp: 130370
Ion Ratio Lower Upper
106 100
91 200.7 161.6 242.4



#68
o-Xylene
Concen: 16.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion:106 Resp: 63422
Ion Ratio Lower Upper
106 100
91 210.1 105.6 316.8

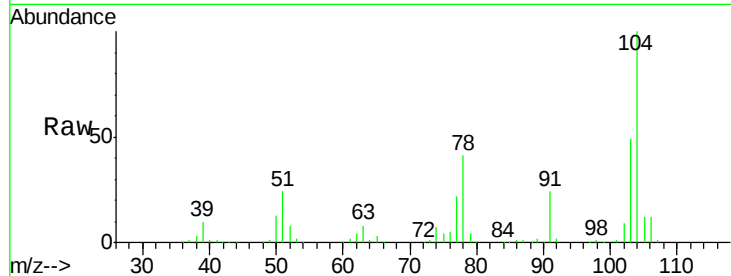




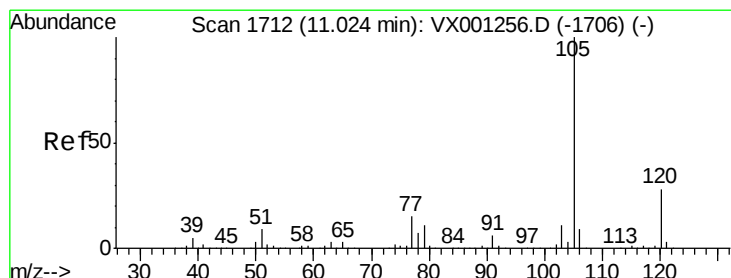
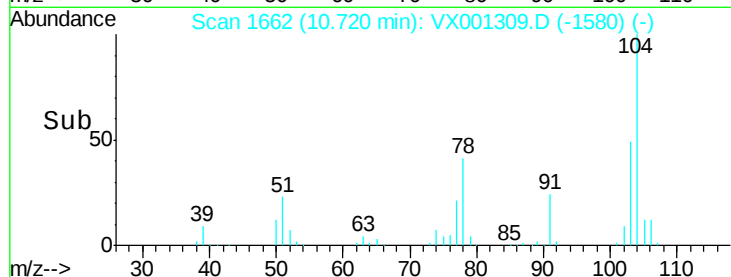
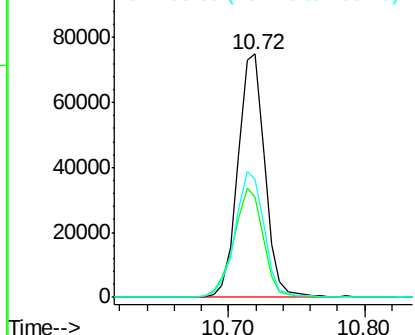
#69
Styrene
Concen: 16.38 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 103126
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 56.0 44.7 67.1

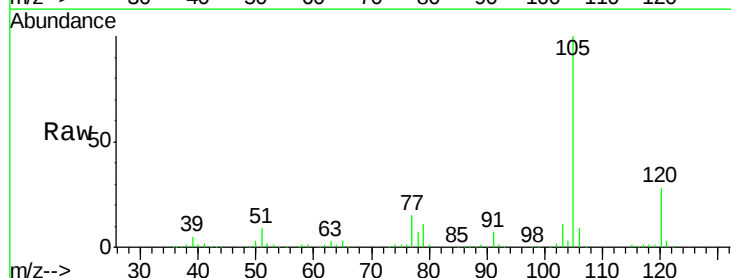


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

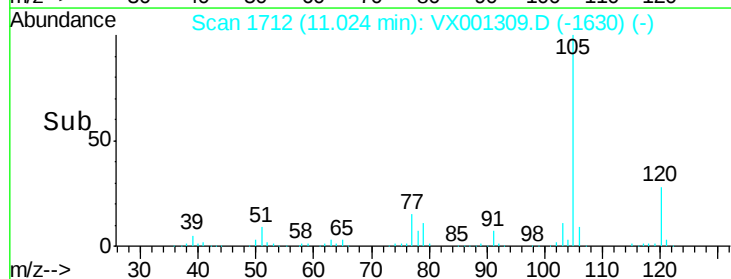
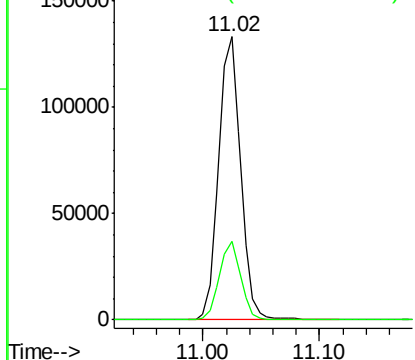


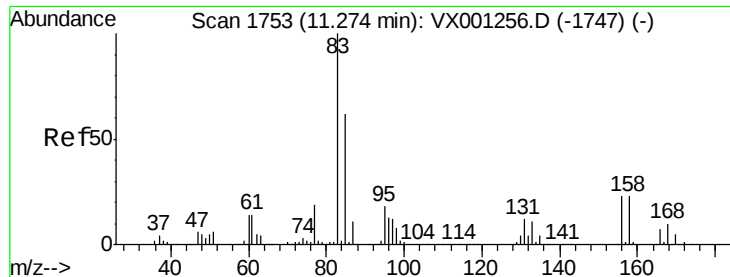
#70
Isopropylbenzene
Concen: 16.90 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion:105 Resp: 173585
Ion Ratio Lower Upper
105 100
120 27.2 18.8 35.0



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

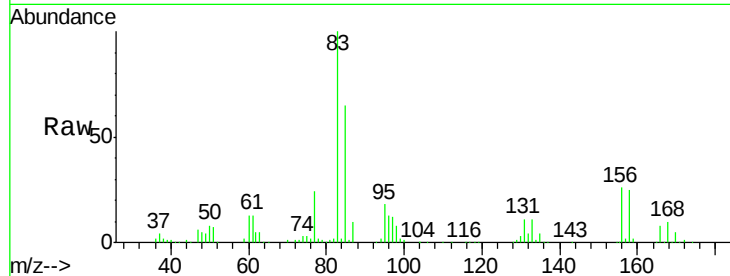




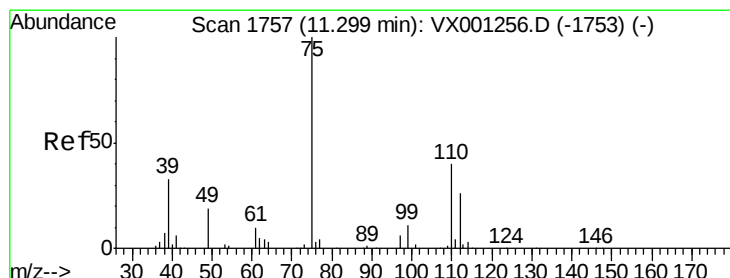
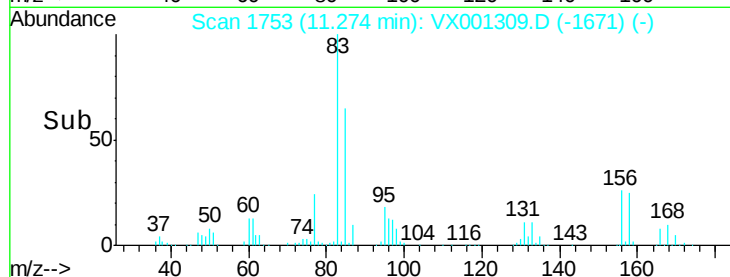
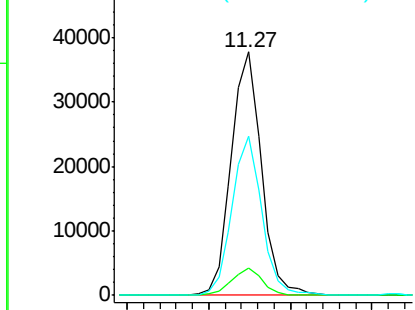
#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.18 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 83 Resp: 48747
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.3 16.1
 85 64.5 32.5 97.5

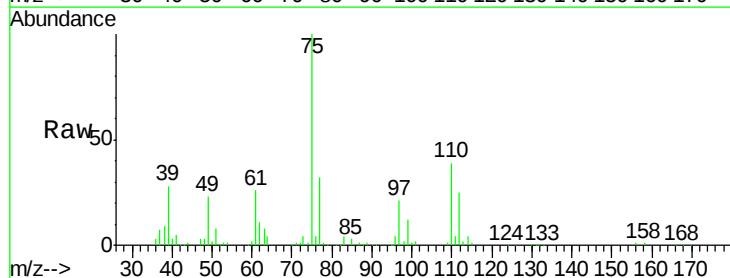


Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VX0

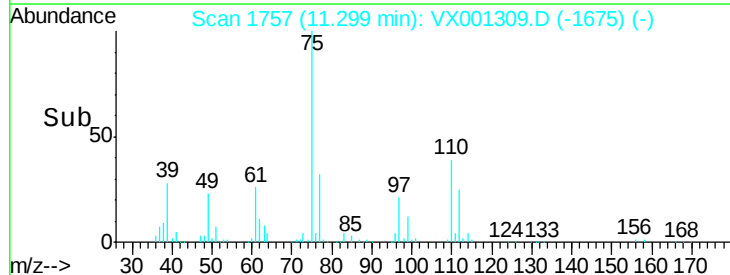
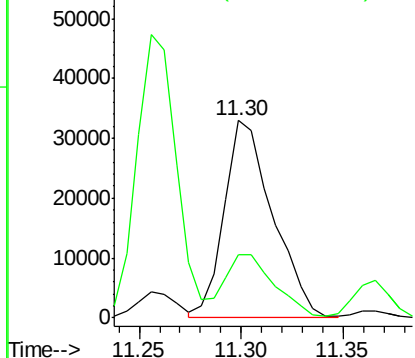


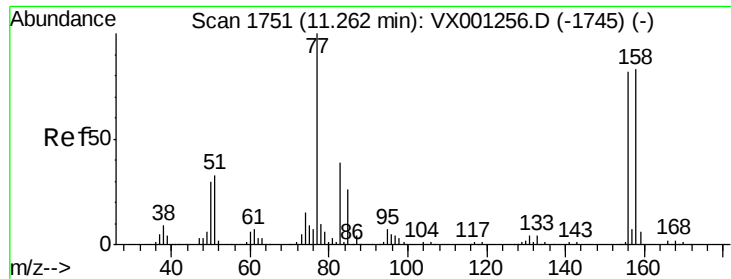
#72
 1,2,3-Trichloropropane
 Concen: 20.26 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 75 Resp: 54618
 Ion Ratio Lower Upper
 75 100
 77 33.8 0.0 85.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 16.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

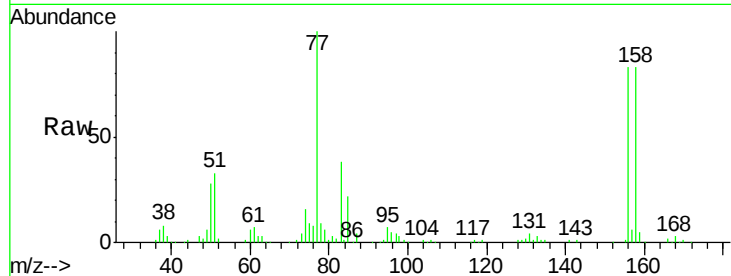
Tgt Ion:156 Resp: 50117

Ion Ratio Lower Upper

156 100

77 126.9 0.0 280.2

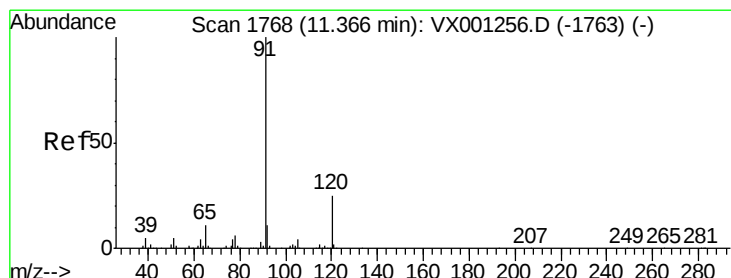
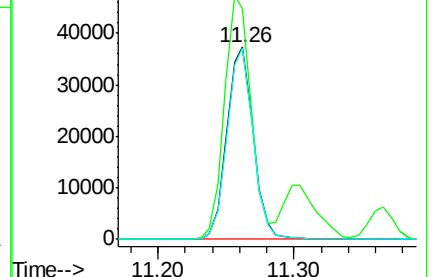
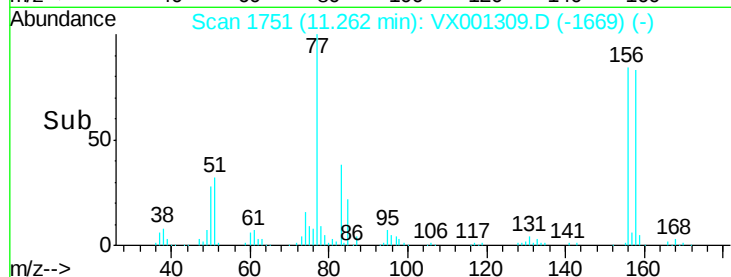
158 97.9 0.0 197.2



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: 16.88 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001309.D

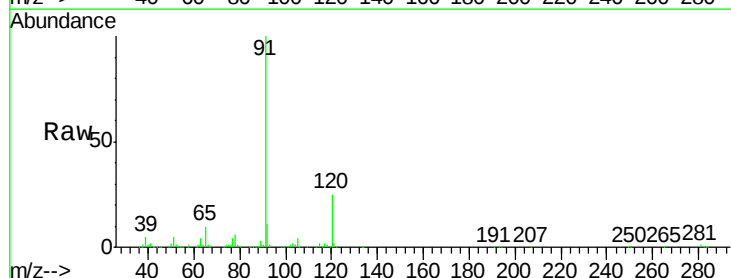
Acq: 02 May 2018 10:06

Tgt Ion: 91 Resp: 195863

Ion Ratio Lower Upper

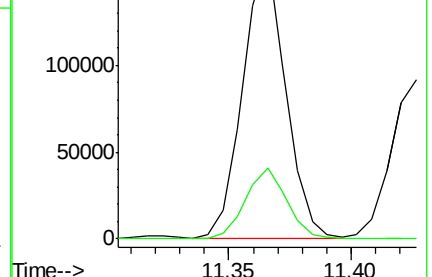
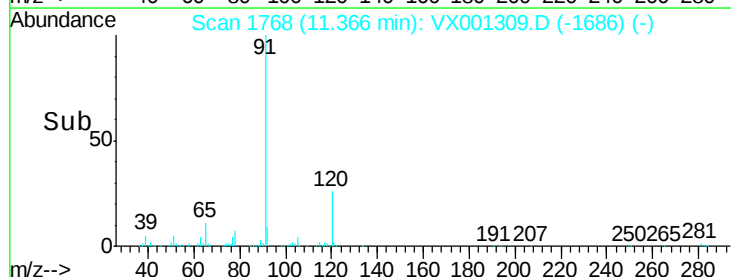
91 100

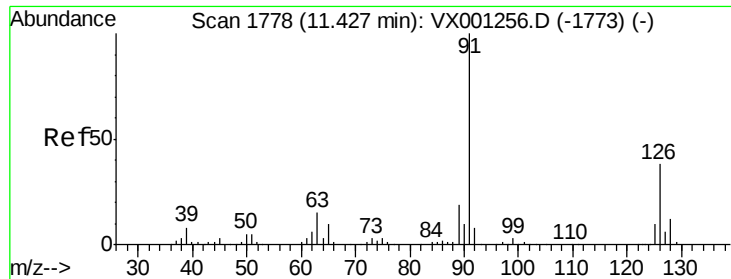
120 24.7 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 16.92 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

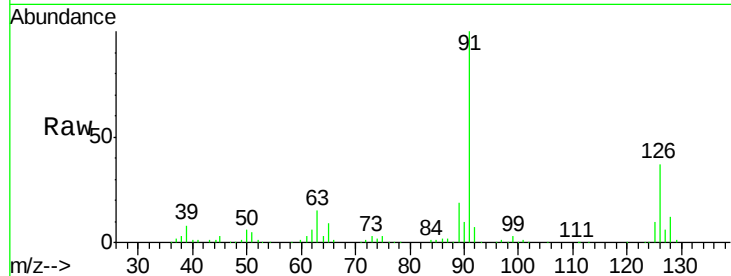
VSTDCCC020

Tgt Ion: 91 Resp: 118472

Ion Ratio Lower Upper

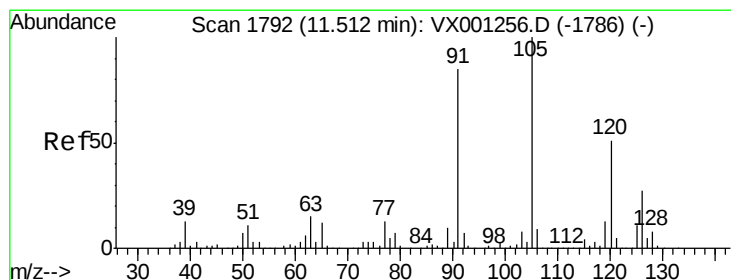
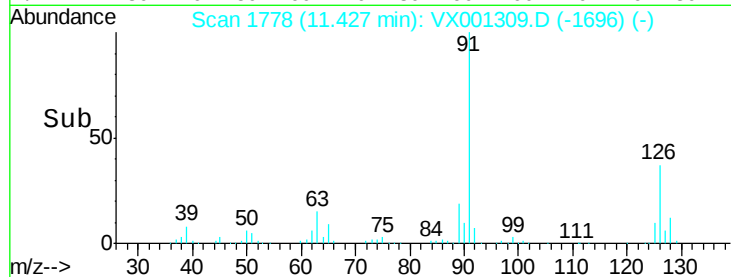
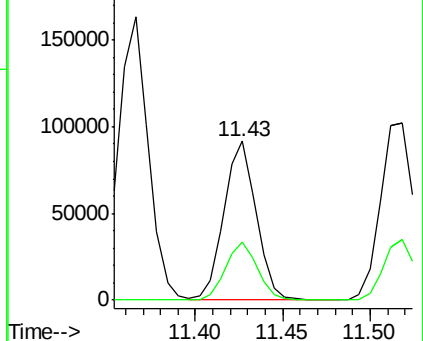
91 100

126 36.1 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001309.D

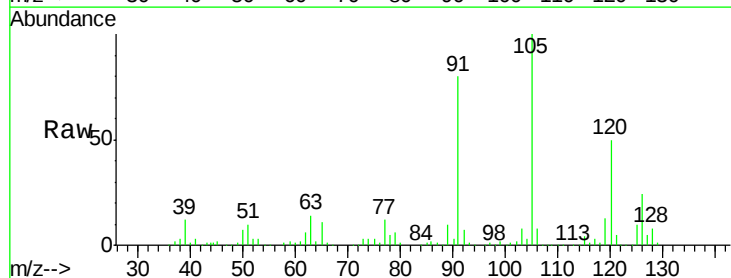
Acq: 02 May 2018 10:06

Tgt Ion: 105 Resp: 149062

Ion Ratio Lower Upper

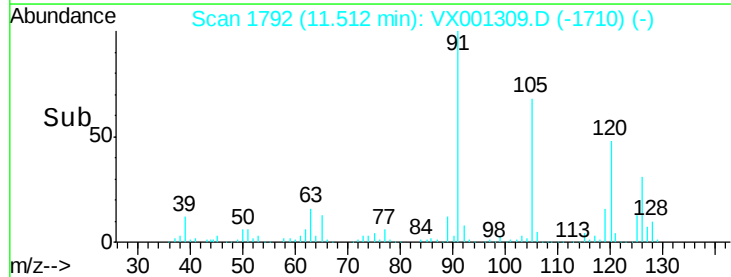
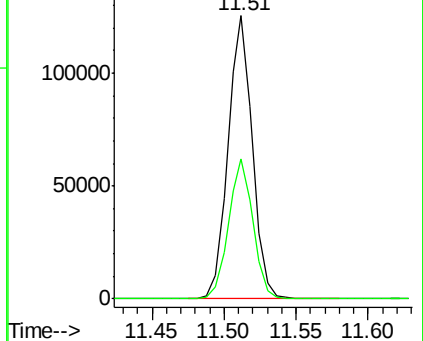
105 100

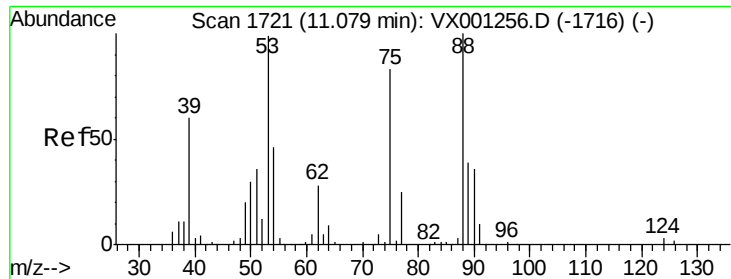
120 49.3 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 13.44 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

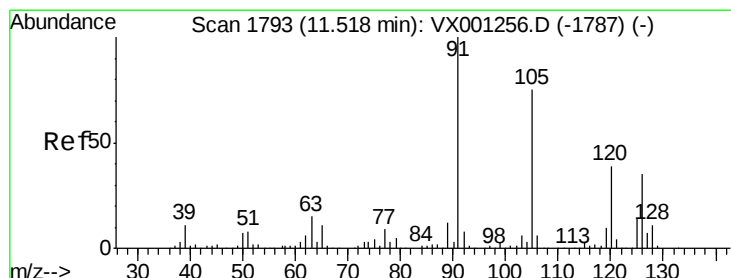
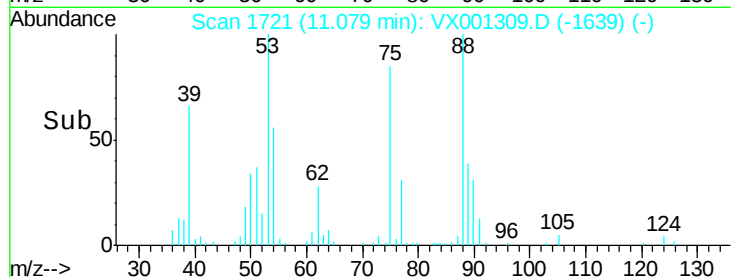
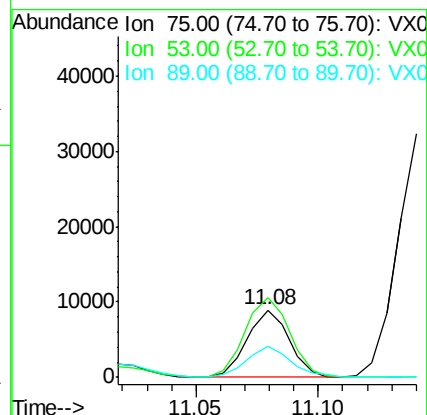
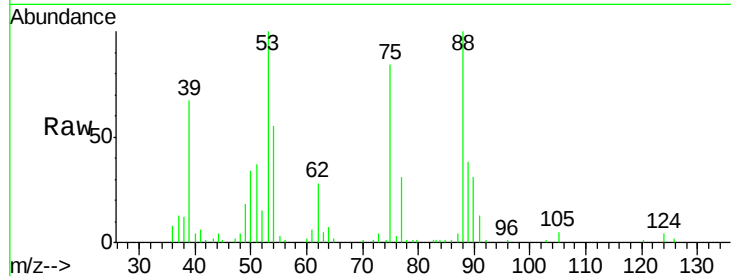
Tgt Ion: 75 Resp: 10783

Ion Ratio Lower Upper

75 100

53 118.4 47.8 143.3

89 45.9 22.3 66.8



#78

4-Chlorotoluene

Concen: 16.30 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001309.D

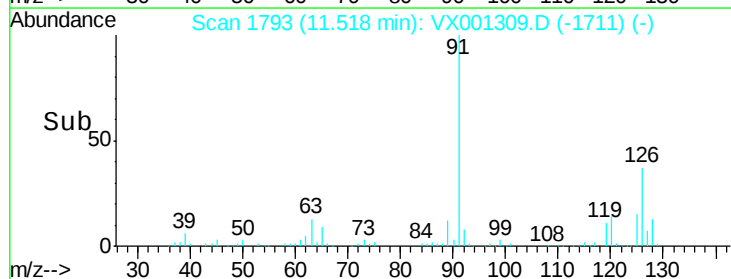
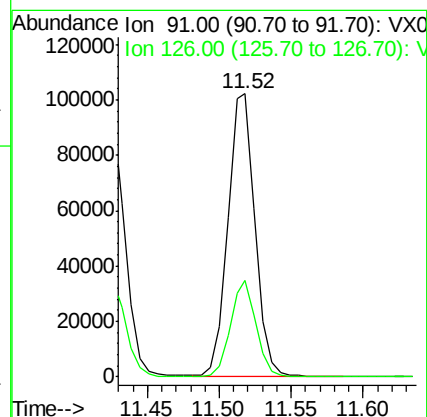
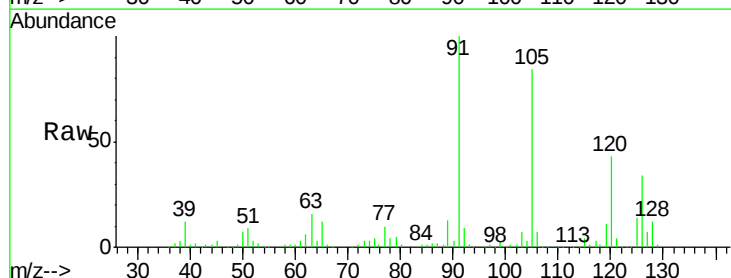
Acq: 02 May 2018 10:06

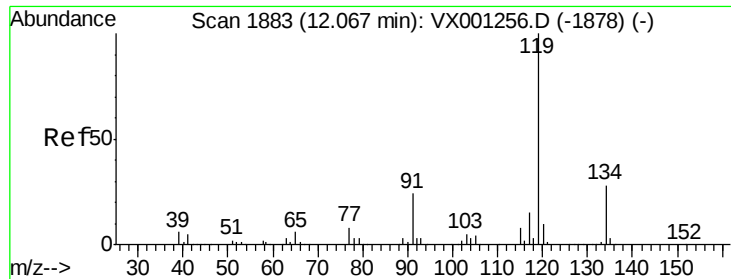
Tgt Ion: 91 Resp: 136080

Ion Ratio Lower Upper

91 100

126 31.9 0.0 63.4





#79

tert-butylbenzene

Concen: 17.27 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

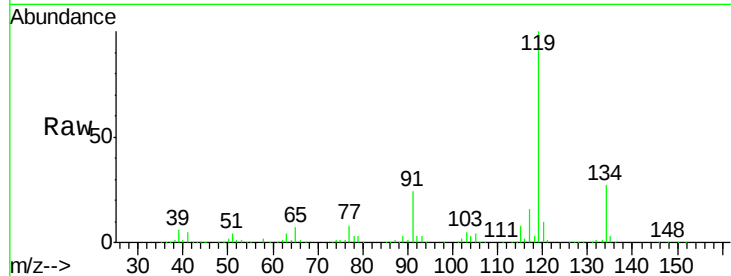
Tgt Ion:119 Resp: 161721

Ion Ratio Lower Upper

119 100

91 23.1 0.0 51.6

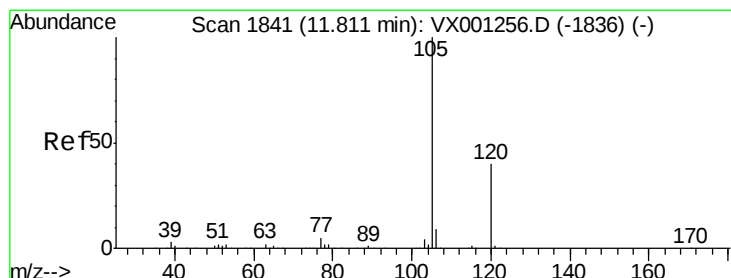
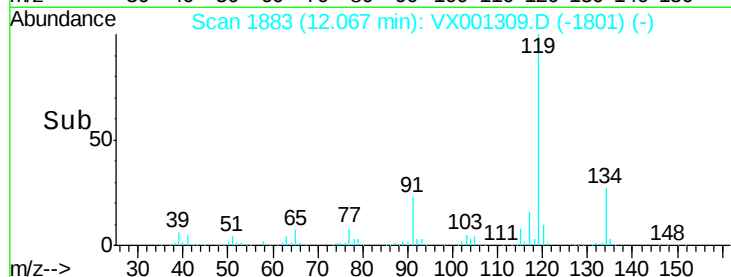
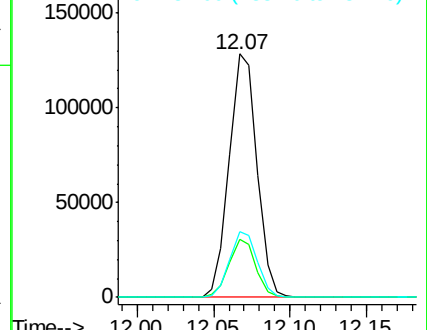
134 27.0 0.0 60.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 16.90 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001309.D

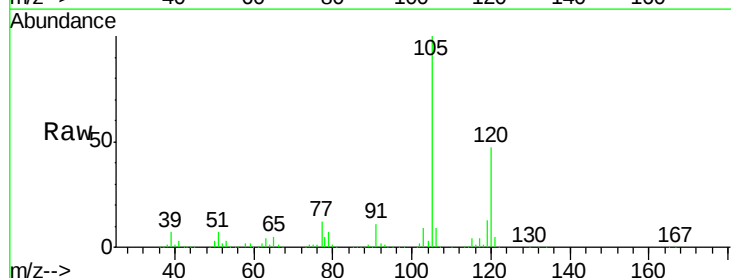
Acq: 02 May 2018 10:06

Tgt Ion:105 Resp: 150495

Ion Ratio Lower Upper

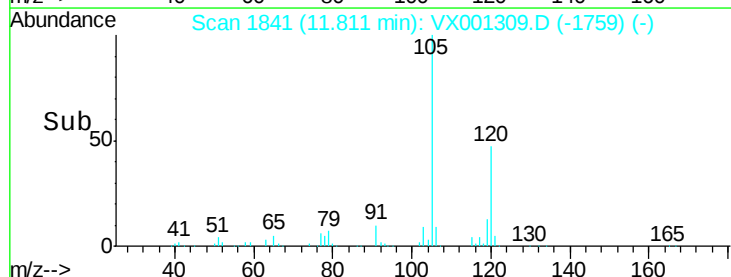
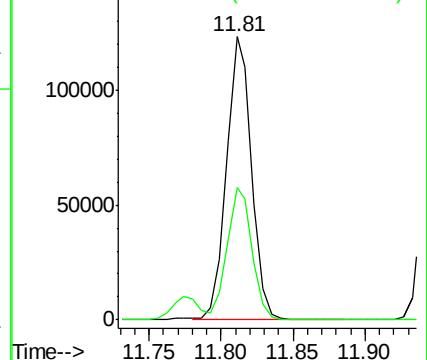
105 100

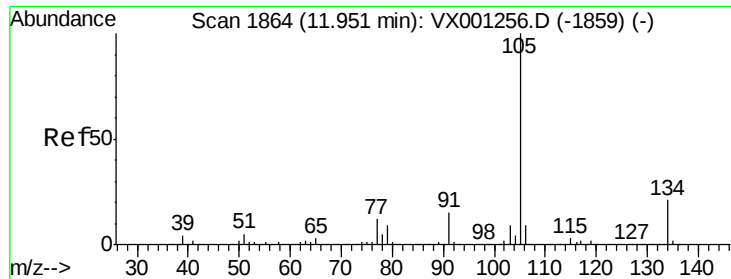
120 46.5 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

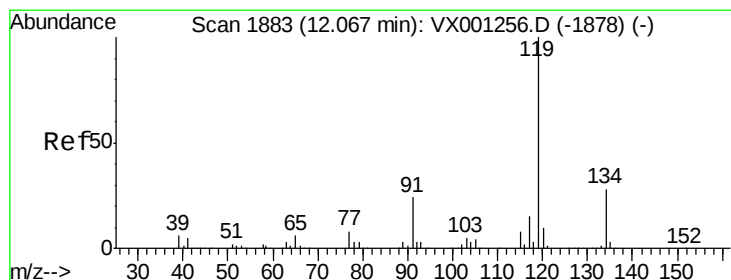
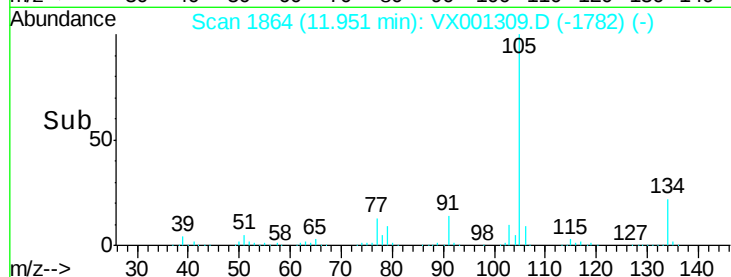
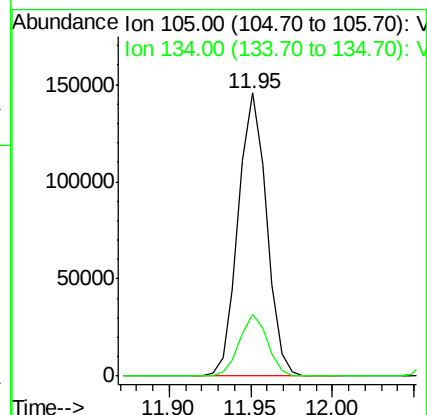
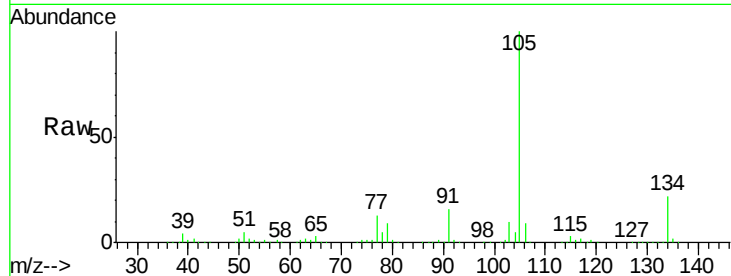




#81
 sec-Butylbenzene
 Concen: 17.40 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

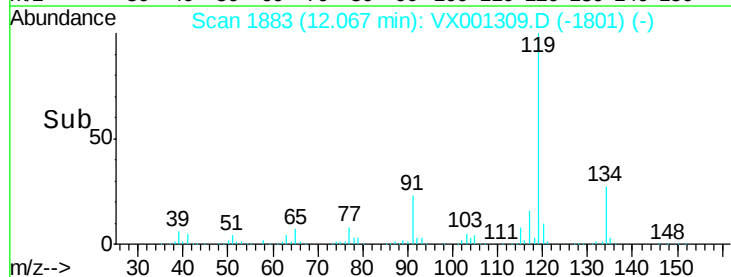
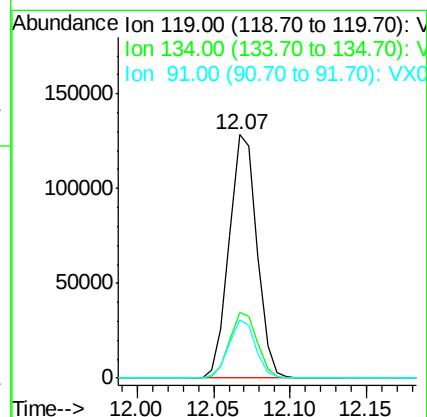
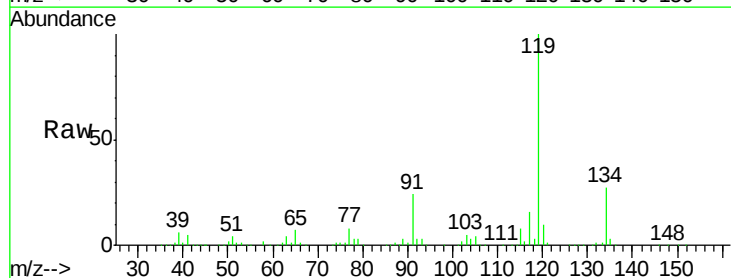
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

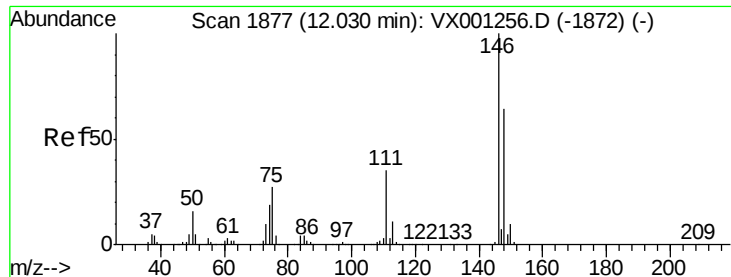
Tgt Ion:105 Resp: 176797
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 17.27 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion:119 Resp: 161721
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.4
 91 23.1 0.0 46.6





#83

1,3-Dichlorobenzene

Concen: 16.90 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

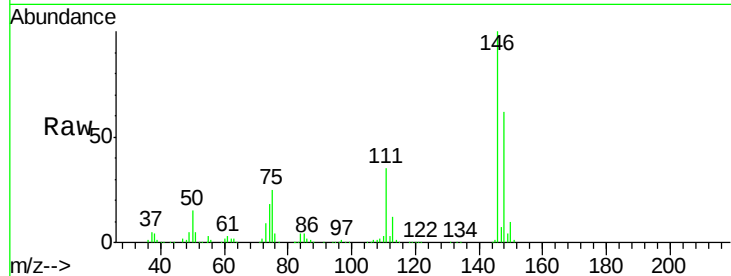
Tgt Ion:146 Resp: 91975

Ion Ratio Lower Upper

146 100

111 35.7 19.4 58.2

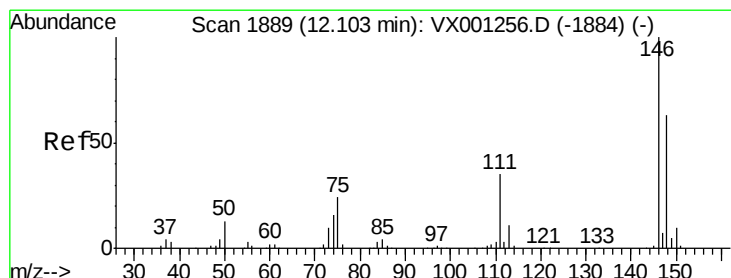
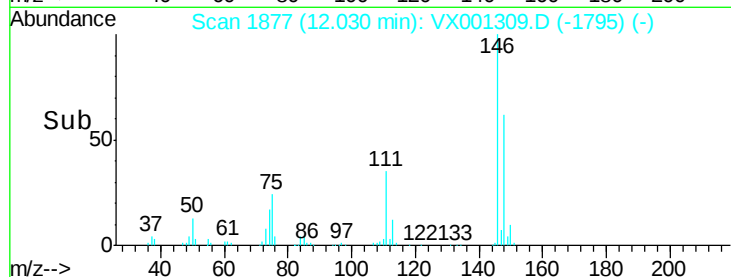
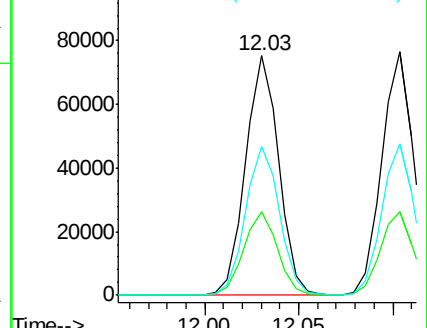
148 63.6 32.6 97.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 16.54 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

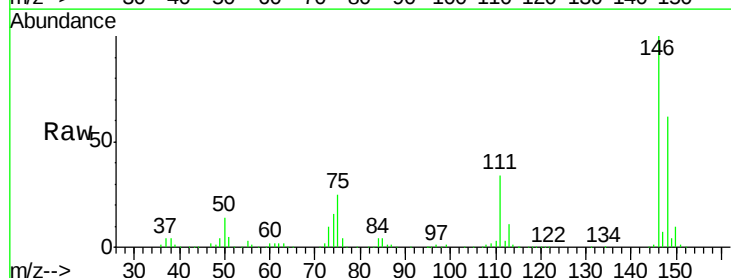
Tgt Ion:146 Resp: 91765

Ion Ratio Lower Upper

146 100

111 34.8 18.4 55.0

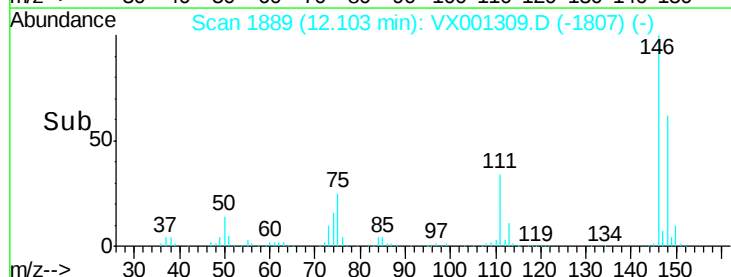
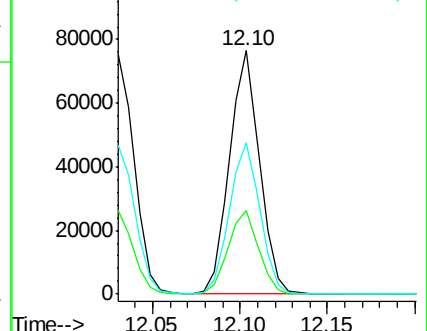
148 63.1 31.9 95.7

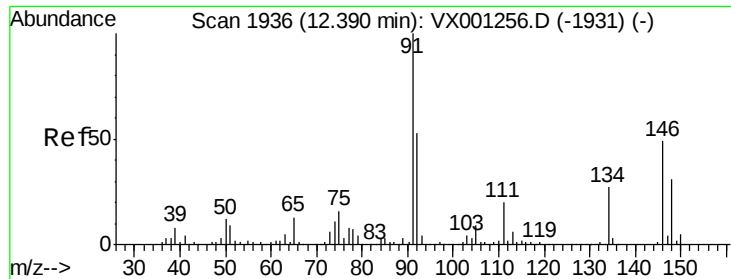


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

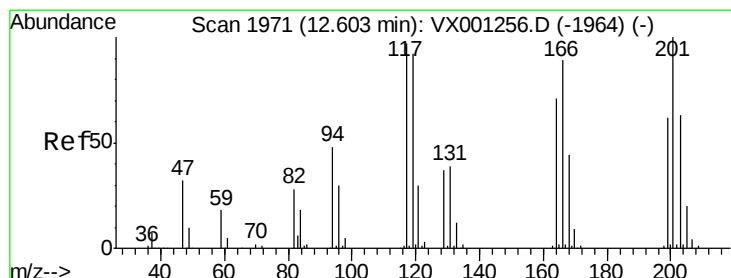
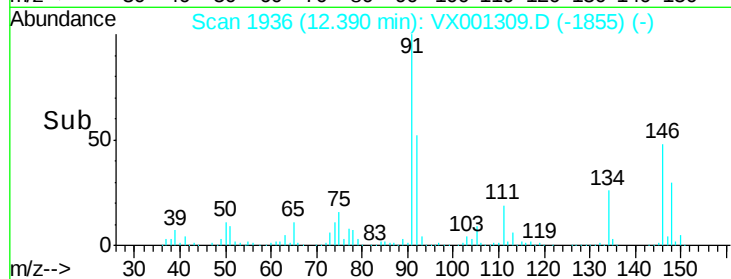
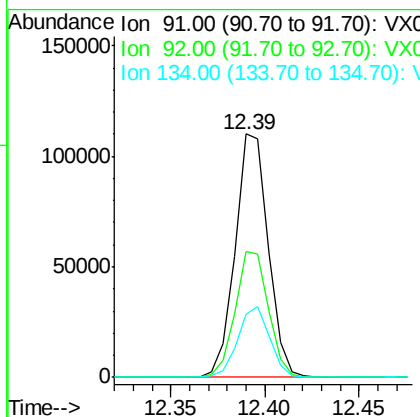
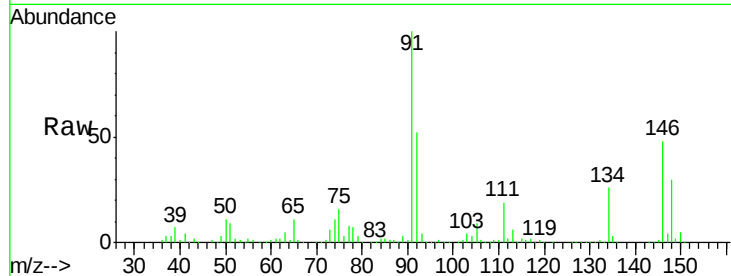




#85
n-Butylbenzene
Concen: 16.54 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

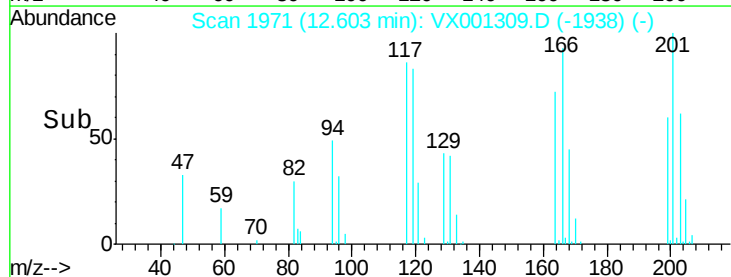
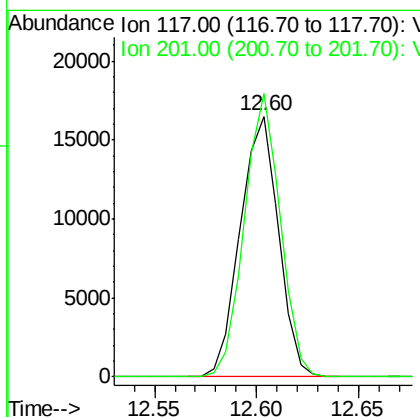
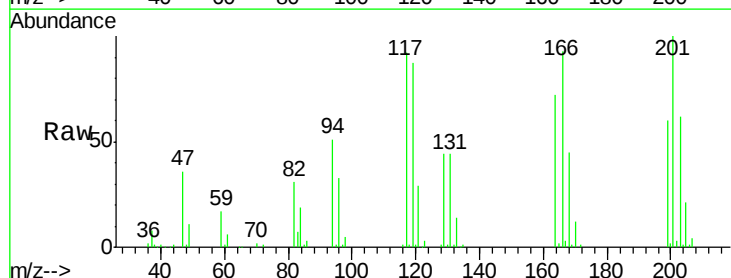
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

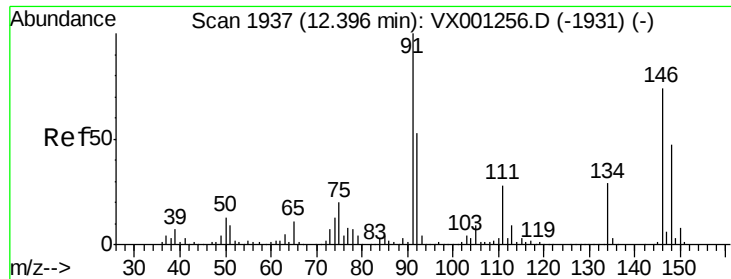
Tgt Ion: 91 Resp: 133940
Ion Ratio Lower Upper
91 100
92 52.0 0.0 102.0
134 28.1 0.0 54.2



#86
Hexachloroethane
Concen: 15.04 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 117 Resp: 21522
Ion Ratio Lower Upper
117 100
201 101.8 38.9 116.6

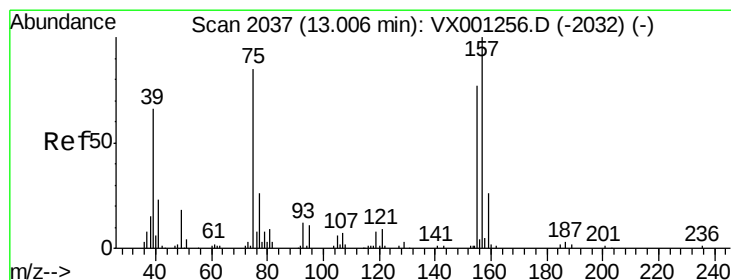
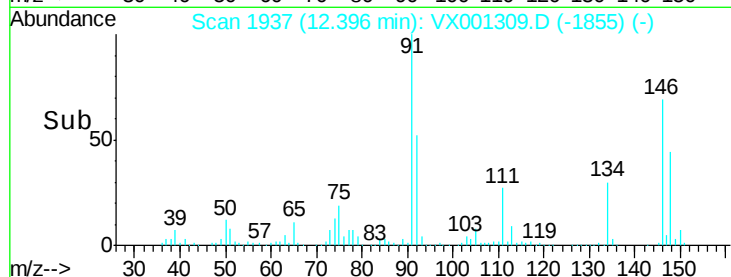
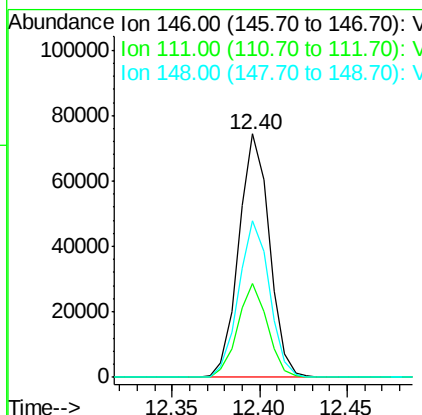
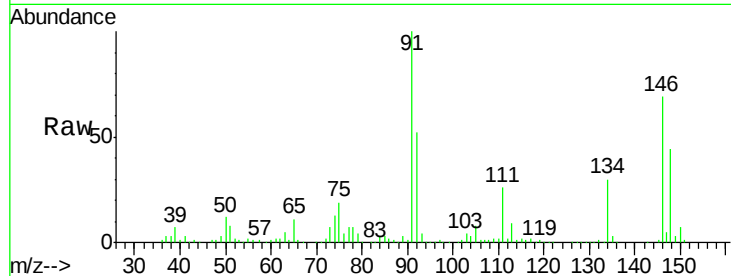




#87
 1,2-Dichlorobenzene
 Concen: 16.74 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

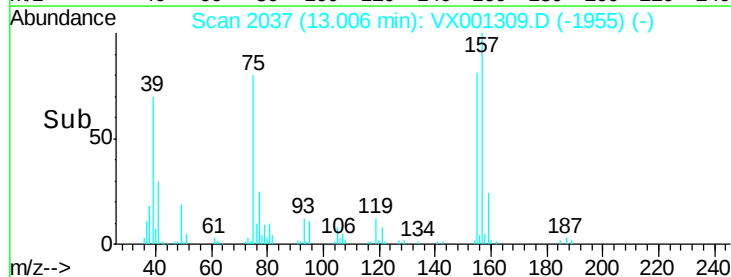
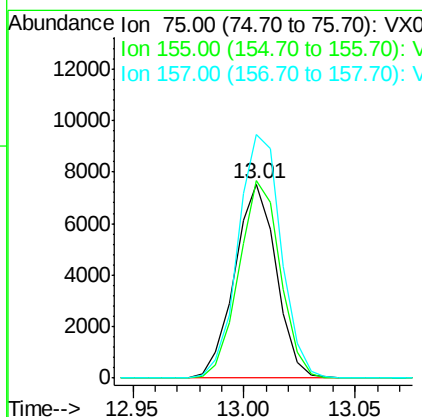
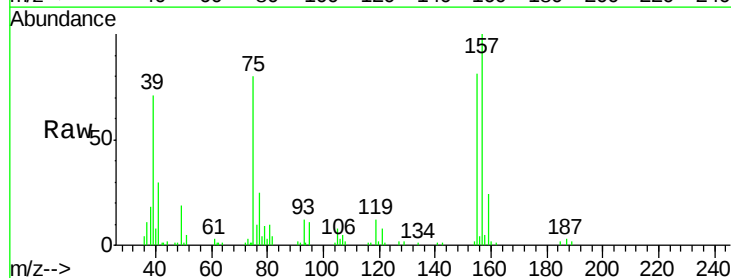
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

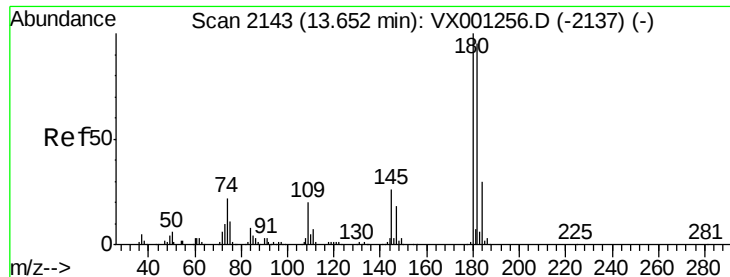
Tgt Ion: 146 Resp: 90569
 Ion Ratio Lower Upper
 146 100
 111 37.6 20.0 60.0
 148 65.0 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 75 Resp: 9809
 Ion Ratio Lower Upper
 75 100
 155 100.9 75.1 112.7
 157 129.9 99.0 148.4

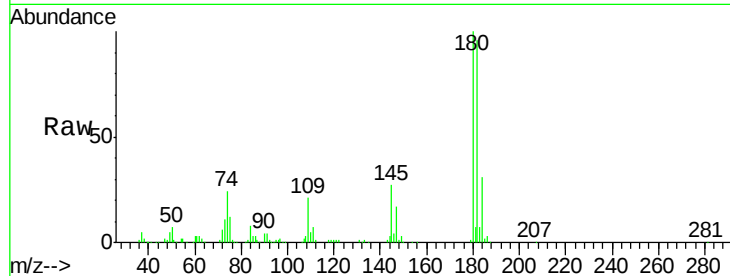




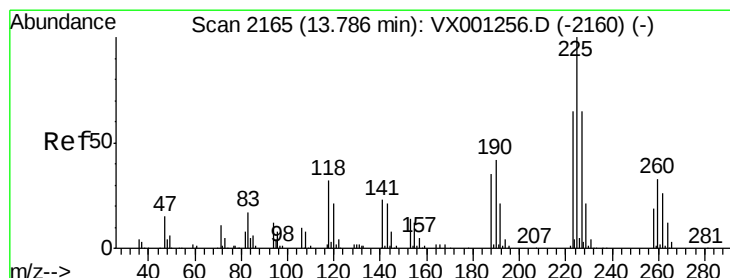
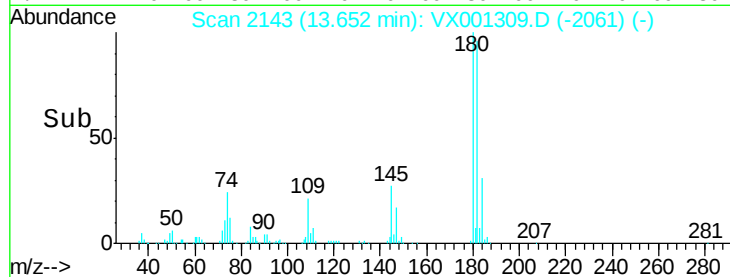
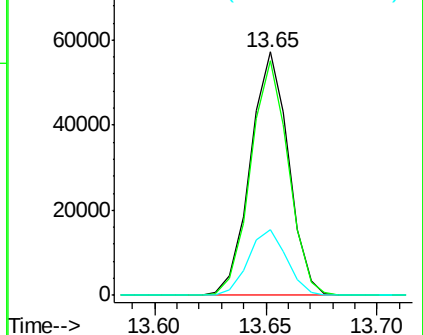
#89
 1,2,4-Trichlorobenzene
 Concen: 16.67 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 68338
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.3 114.5
 145 27.5 24.6 37.0

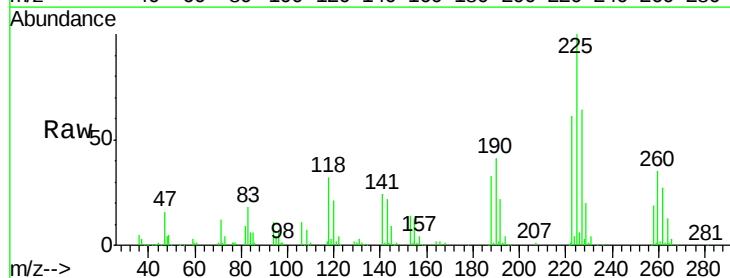


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

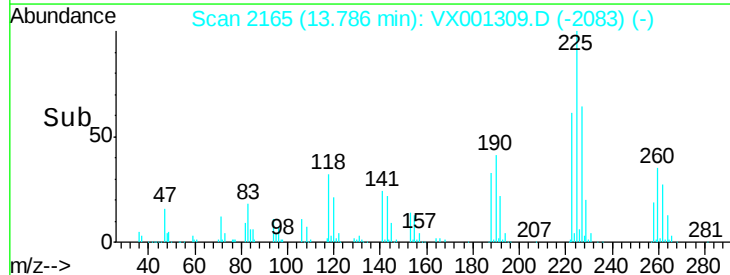
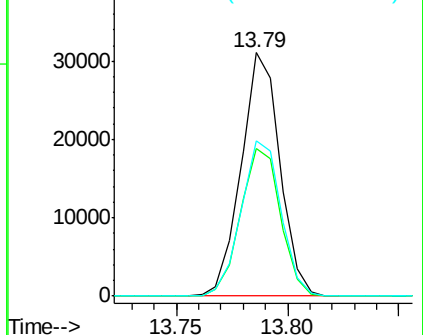


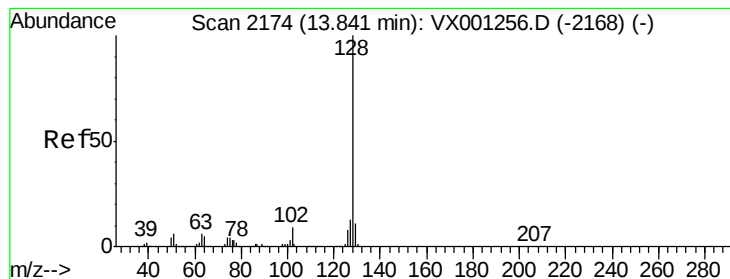
#90
 Hexachlorobutadiene
 Concen: 19.85 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion:225 Resp: 37785
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 131.2
 227 65.5 0.0 127.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 16.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

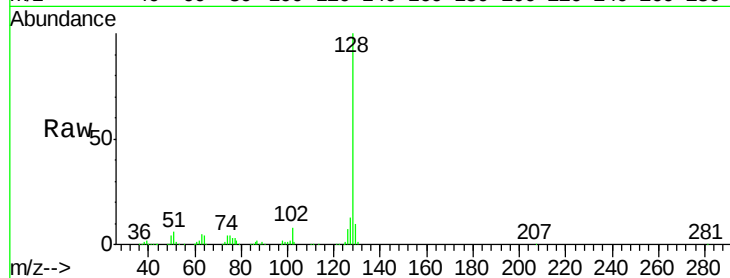
Tgt Ion:128 Resp: 179766

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

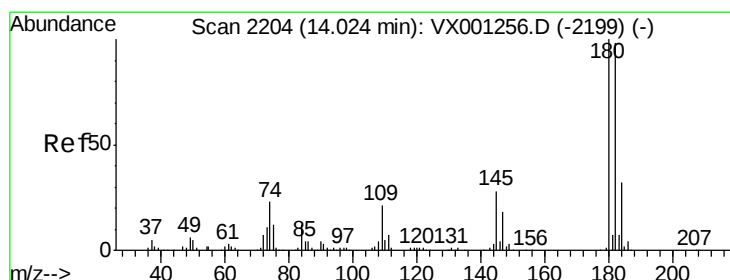
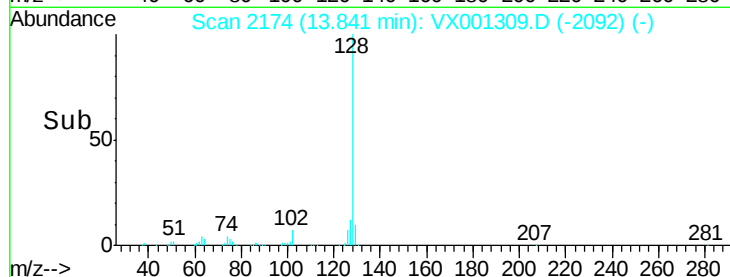
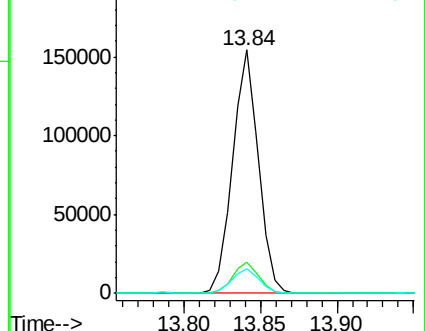
129 10.5 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.25 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

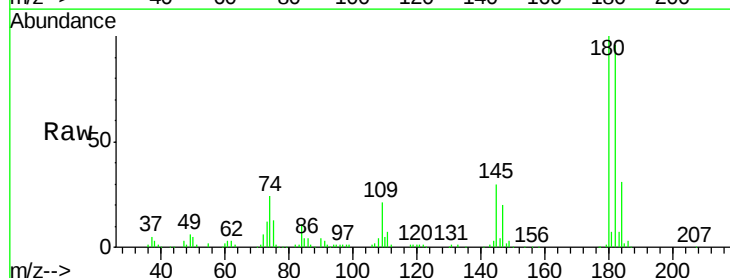
Tgt Ion:180 Resp: 69793

Ion Ratio Lower Upper

180 100

182 96.8 0.0 188.6

145 28.8 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

