

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003210.D
 Acq On : 06 Jul 2018 12:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jul 06 12:31:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	51228	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	273315	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	262680	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	112640	28.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.97%
60) 4-Bromofluorobenzene	11.14	95	127584	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	8.72	98	329614	28.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	43573	17.821	ug/l 96
3) Chloromethane	1.32	50	43041	16.215	ug/l 99
4) Vinyl Chloride	1.40	62	48938	16.547	ug/l 99
5) Bromomethane	1.64	94	20590	11.917	ug/l 97
6) Chloroethane	1.72	64	32290	16.234	ug/l 96
7) Trichlorofluoromethane	1.93	101	83557	15.894	ug/l 100
8) Diethyl Ether	2.19	74	34121	18.204	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50736	16.862	ug/l 94
10) 1,1-Dichloroethene	2.37	96	44368	16.753	ug/l 92
11) Methyl Iodide	2.51	142	47823	15.680	ug/l 96
12) Methyl Acetate	2.78	43	93946	21.859	ug/l 96
13) Acrolein	2.29	56	7593	24.848	ug/l 94
14) Acrylonitrile	3.15	53	154938	95.850	ug/l 100
15) Acetone	2.45	58	40823	90.859	ug/l 99
16) Carbon Disulfide	2.57	76	98787	14.897	ug/l 99
17) Allyl chloride	2.73	41	86724	16.456	ug/l 97
18) Methylene Chloride	2.86	84	59990	19.790	ug/l 94
19) trans-1,2-Dichloroethene	3.17	96	47360	16.677	ug/l 96
20) Diisopropyl ether	3.88	45	182117	18.545	ug/l 97
21) 1,1-Dichloroethane	3.70	63	96771	18.326	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	60886	19.946	ug/l # 78
23) tert-Butyl Alcohol	3.08	59	72912	99.349	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	176890	17.889	ug/l 95
25) Chloroform	5.21	83	105515	19.912	ug/l 100
26) Cyclohexane	5.57	56	79495	17.720	ug/l # 94
29) 1,1-Dichloropropene	5.80	75	70047	18.978	ug/l 97
30) 2-Butanone	4.71	43	231616	109.666	ug/l 97
31) 2,2-Dichloropropane	4.59	77	76767	19.461	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	88959	19.952	ug/l 98
33) Carbon Tetrachloride	5.78	117	78411	19.565	ug/l 93
34) Benzene	6.14	78	218951	20.031	ug/l 97
35) Methacrylonitrile	5.07	41	49615	21.577	ug/l 95
36) 1,2-Dichloroethane	6.20	62	85424	19.905	ug/l 97
37) Trichloroethene	7.21	130	64335	20.096	ug/l 90
38) Methylcyclohexane	7.46	83	79772	17.765	ug/l 98
39) 1,2-Dichloropropane	7.52	63	57406	20.134	ug/l 96
40) Dibromomethane	7.67	93	40212	20.299	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	74437	20.004	ug/l	94
42) Vinyl Acetate	3.83	43	739670	92.343	ug/l	100
43) Ethyl Acetate	4.87	43	83877	20.765	ug/l	95
44) Isopropyl Acetate	6.47	43	136267	20.134	ug/l	97
45) 1,4-Dioxane	7.76	88	31377	473.227	ug/l #	82
46) Methyl methacrylate	7.78	41	70679	20.438	ug/l	94
47) n-amyl Acetate	10.90	43	116312	18.212	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	85479	19.567	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	80107	19.633	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	62571	21.414	ug/l	98
51) Ethyl methacrylate	9.18	69	87697	19.882	ug/l	91
52) 1,3-Dichloropropane	9.37	76	99781	20.907	ug/l	100
53) Dibromochloromethane	9.59	129	62587	20.176	ug/l	99
54) 1,2-Dibromoethane	9.68	107	62325	20.240	ug/l	96
55) 2-Chloroethyl vinyl ether	8.32	63	207042	98.829	ug/l	98
56) Bromoform	10.86	173	48047	19.402	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	466392	104.575	ug/l	97
59) 2-Hexanone	9.50	43	353166	103.588	ug/l	98
61) Tetrachloroethene	9.34	164	73351	20.347	ug/l	97
62) Toluene	8.79	91	246306	19.453	ug/l	99
64) Chlorobenzene	10.14	112	169228	20.116	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	63221	20.503	ug/l	99
66) Ethyl Benzene	10.26	91	270633	18.979	ug/l	99
67) m/p-Xylenes	10.36	106	210596	38.003	ug/l	97
68) o-Xylene	10.70	106	102968	19.072	ug/l	96
69) Styrene	10.71	104	173531	19.265	ug/l	97
70) Isopropylbenzene	11.02	105	282653	18.986	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	91027	20.454	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	104137	26.993	ug/l	93
73) Bromobenzene	11.26	156	81259	19.627	ug/l	92
74) n-propylbenzene	11.36	91	321337	18.594	ug/l	97
75) 2-Chlorotoluene	11.43	91	194059	19.295	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	237209	18.765	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	22174	17.870	ug/l	86
78) 4-Chlorotoluene	11.51	91	226774	19.033	ug/l	99
79) tert-butylbenzene	12.07	119	254550	18.258	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	241679	18.723	ug/l	97
81) sec-Butylbenzene	11.95	105	282346	18.259	ug/l	99
82) p-Isopropyltoluene	12.07	119	254550	18.258	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	148625	19.508	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	149699	19.454	ug/l	99
85) n-Butylbenzene	12.39	91	212449	17.191	ug/l	98
86) Hexachloroethane	12.60	117	36775	17.402	ug/l	91
87) 1,2-Dichlorobenzene	12.40	146	153297	19.924	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	19609	19.724	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	111900	19.268	ug/l	99
90) Hexachlorobutadiene	13.79	225	54527	18.035	ug/l	99
91) Naphthalene	13.84	128	304162	19.759	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	113900	19.713	ug/l	99

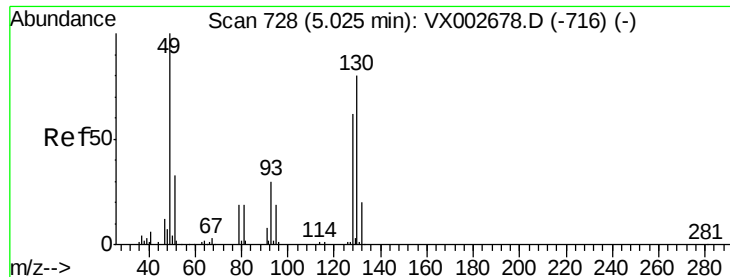
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

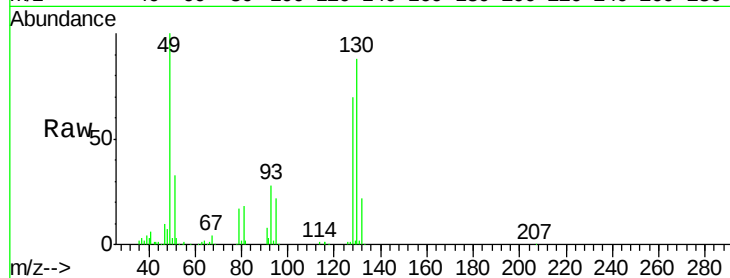
Tot Ion:128 Resp: 51228

Ion Ratio Lower Upper

128 100

49 151.4 0.0 423.0

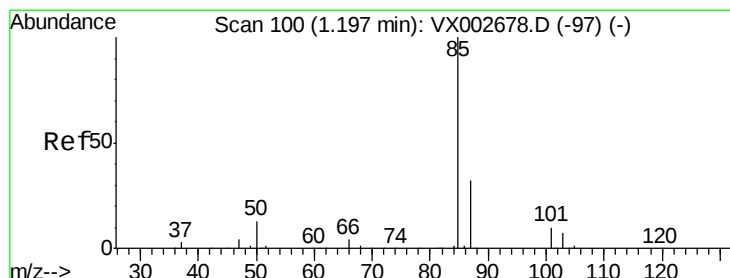
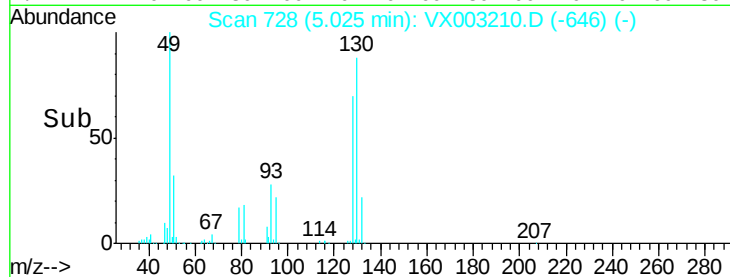
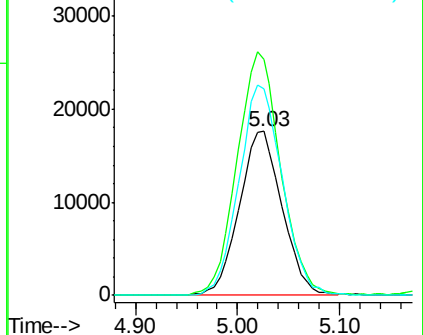
130 130.0 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.821 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003210.D

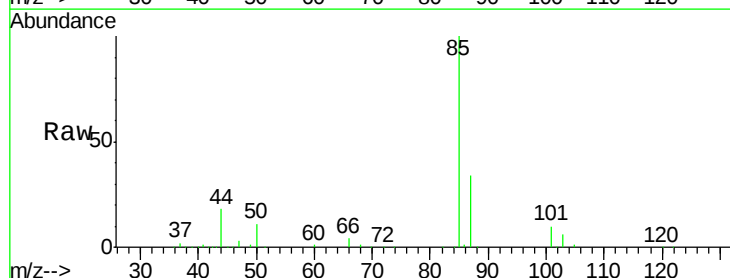
Acq: 06 Jul 2018 12:14

Tgt Ion: 85 Resp: 43573

Ion Ratio Lower Upper

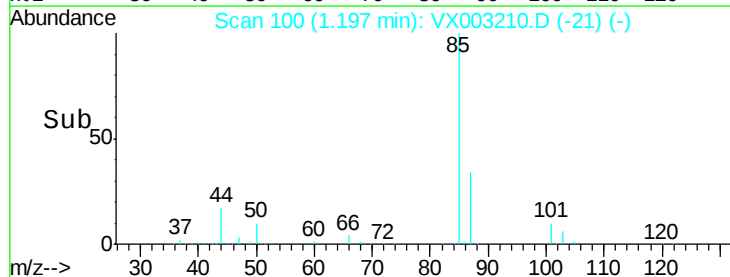
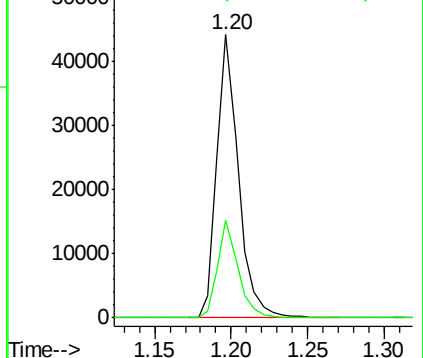
85 100

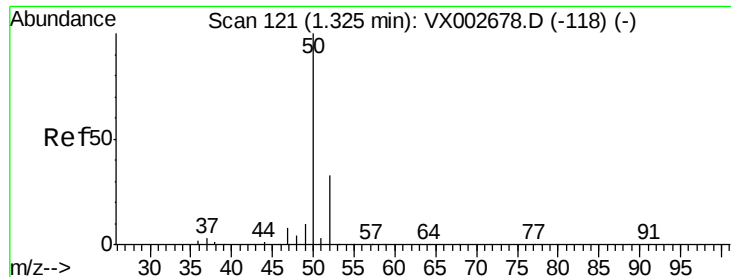
87 34.4 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 16.215 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

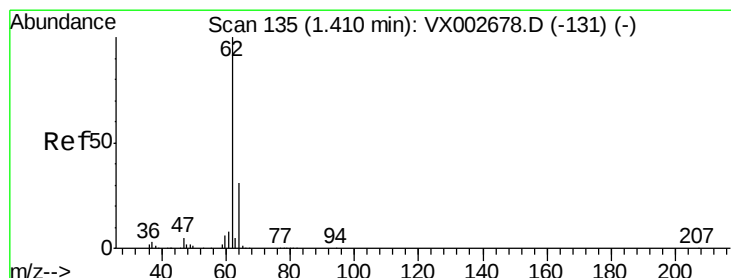
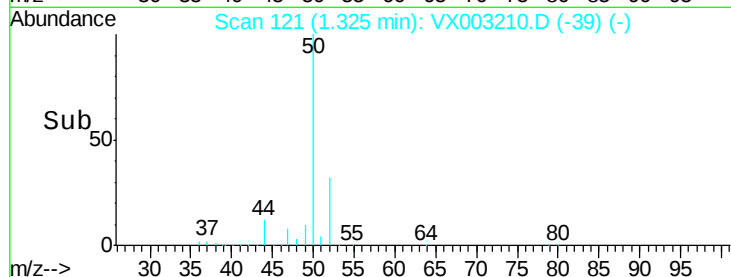
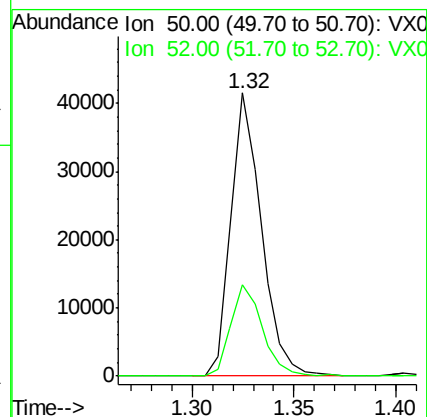
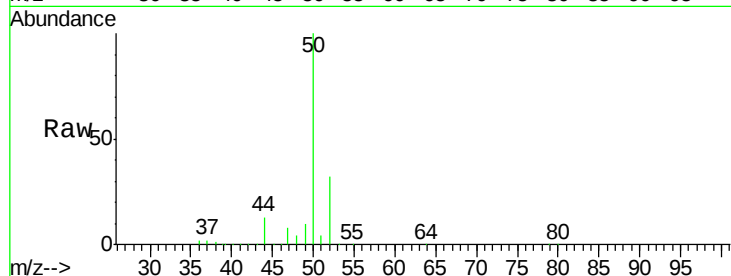
VSTDCCC020

Tot Ion: 50 Resp: 43041

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 16.547 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003210.D

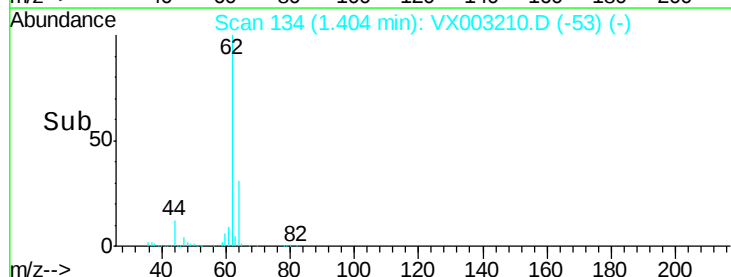
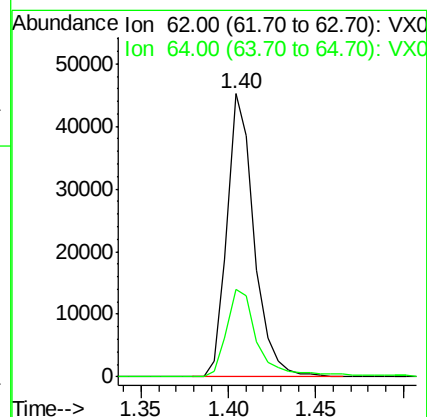
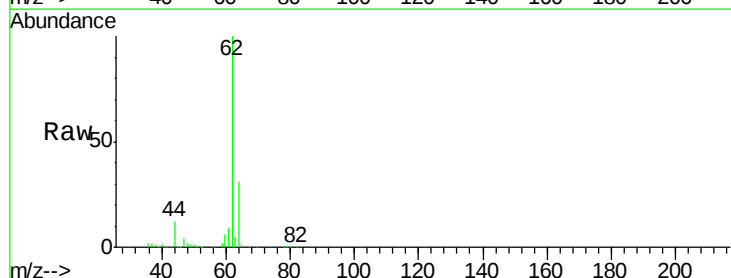
Acq: 06 Jul 2018 12:14

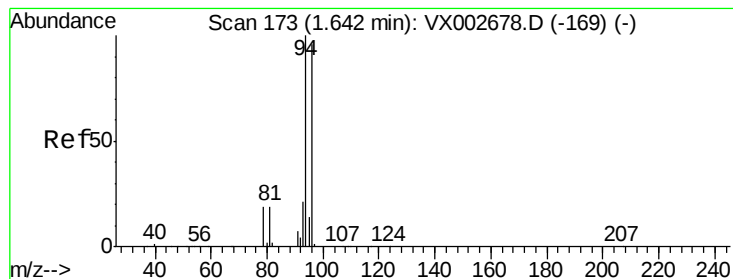
Tgt Ion: 62 Resp: 48938

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9





#5

Bromomethane

Concen: 11.917 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

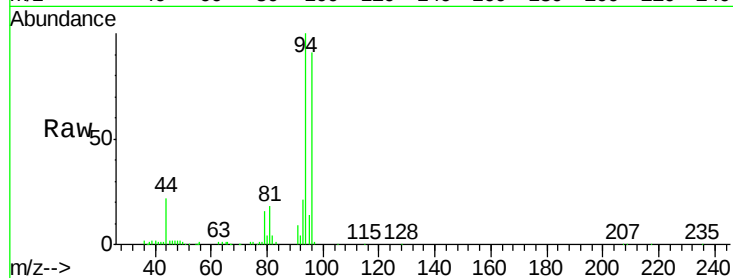
VSTDCCC020

Tot Ion: 94 Resp: 20590

Ion Ratio Lower Upper

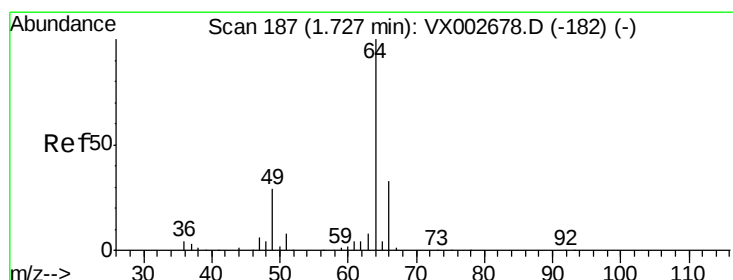
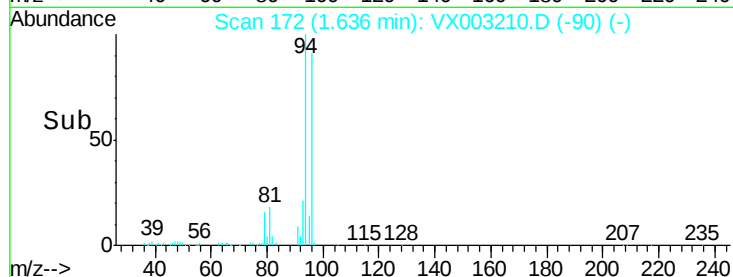
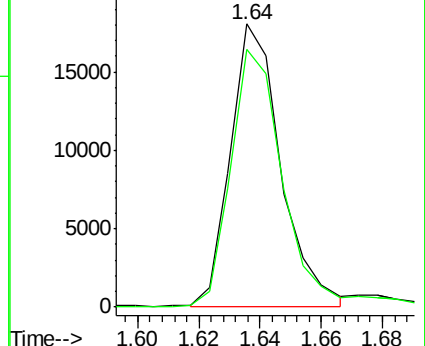
94 100

96 91.2 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.234 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003210.D

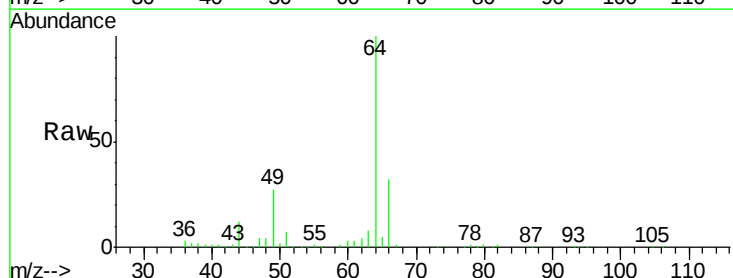
Acq: 06 Jul 2018 12:14

Tgt Ion: 64 Resp: 32290

Ion Ratio Lower Upper

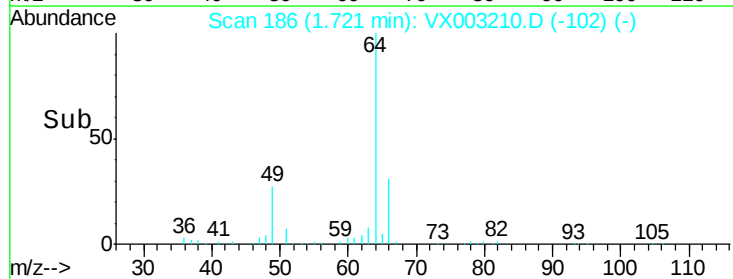
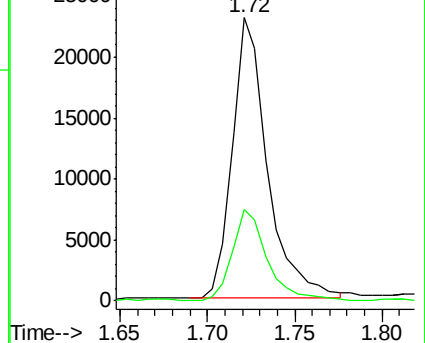
64 100

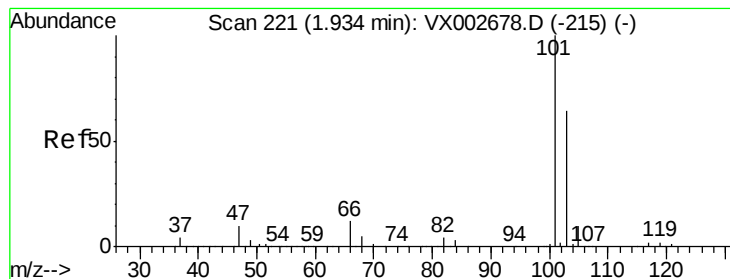
66 32.4 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



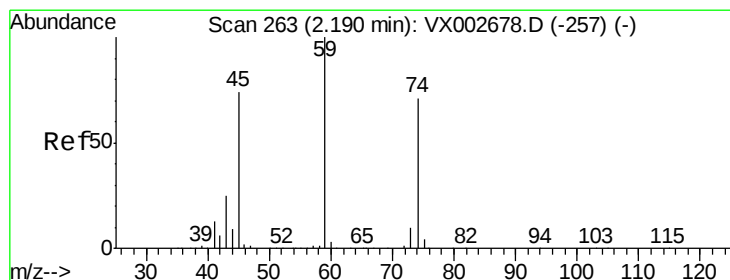
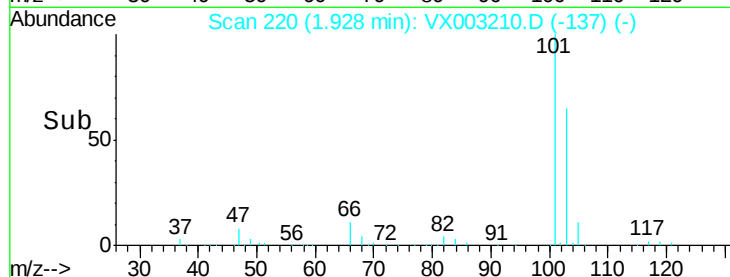
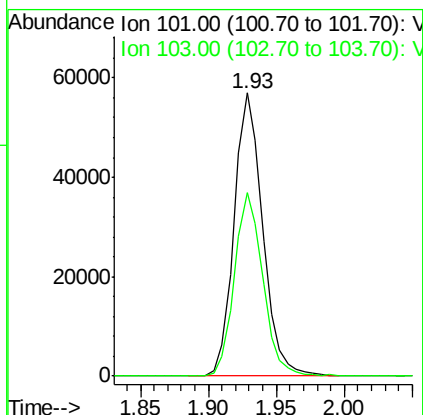
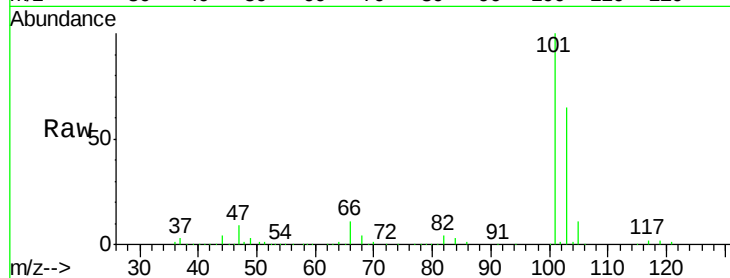


#7

Trichlorofluoromethane
 Concen: 15.894 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

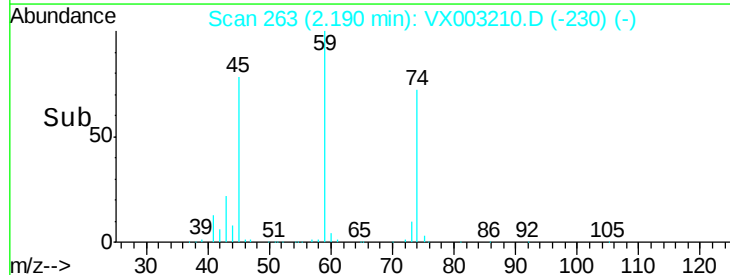
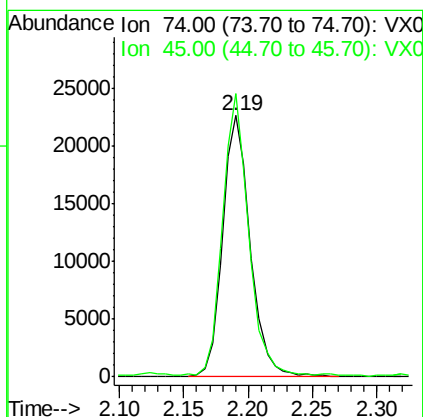
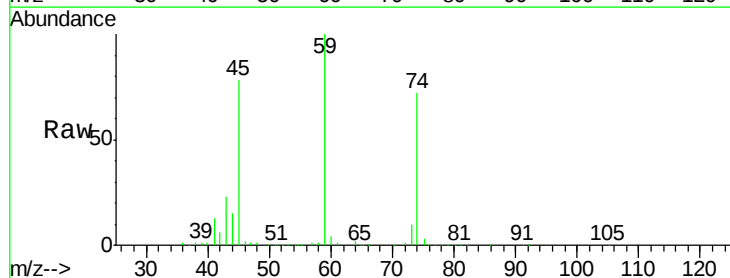
Tot Ion:101 Resp: 83557
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.5 77.3

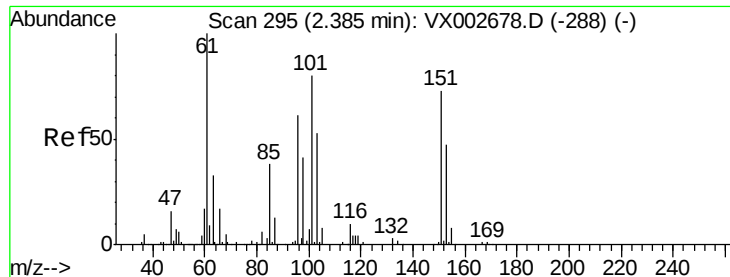


#8

Diethyl Ether
 Concen: 18.204 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion: 74 Resp: 34121
 Ion Ratio Lower Upper
 74 100
 45 101.0 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.862 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

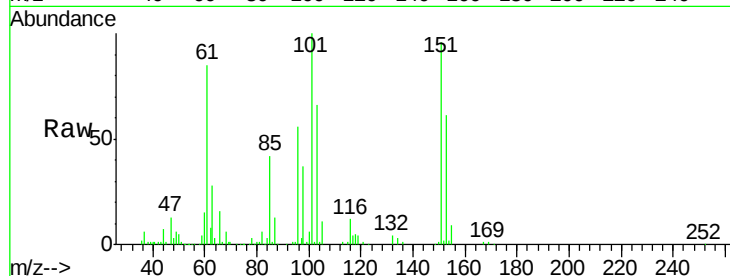
Tot Ion:101 Resp: 50736

Ion Ratio Lower Upper

101 100

85 44.2 0.0 87.0

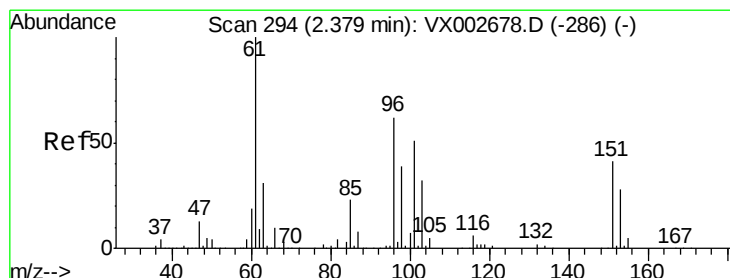
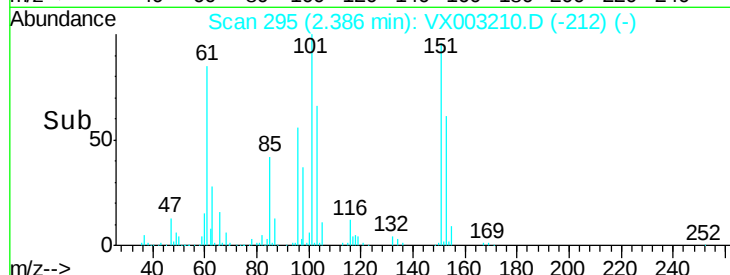
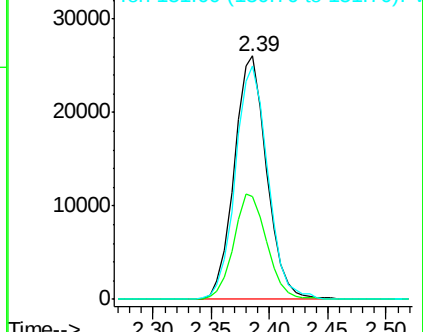
151 96.1 0.0 177.6



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: 16.753 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

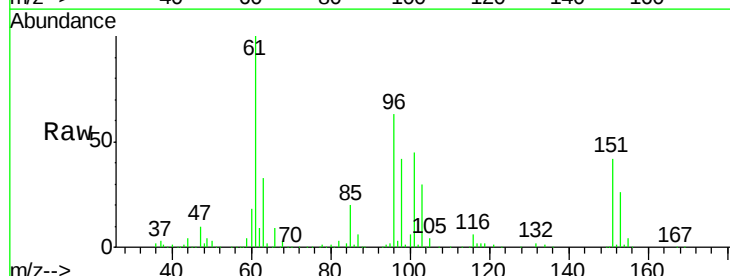
Tgt Ion: 96 Resp: 44368

Ion Ratio Lower Upper

96 100

61 158.1 137.5 206.3

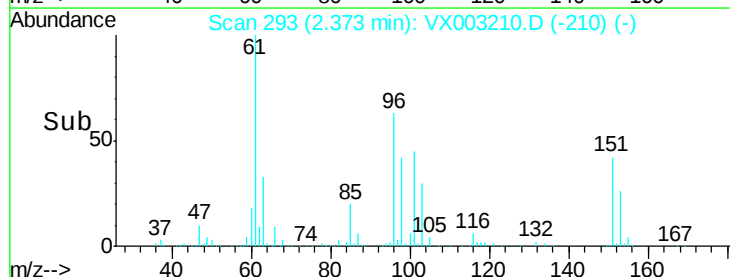
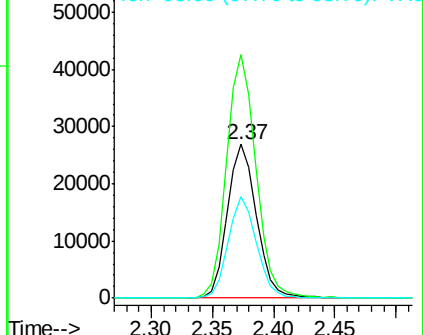
98 65.7 51.4 77.2

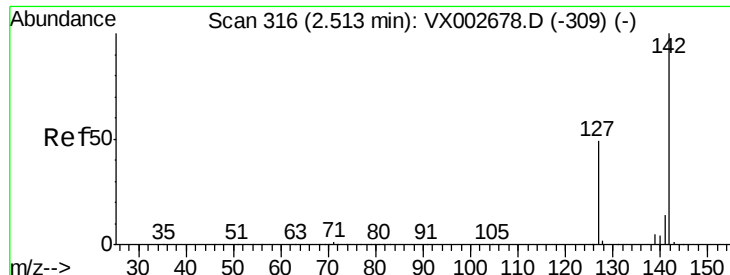


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

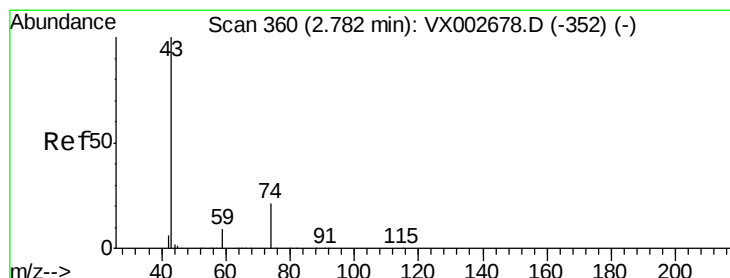
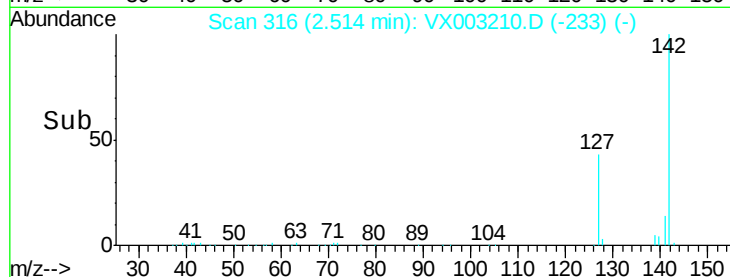
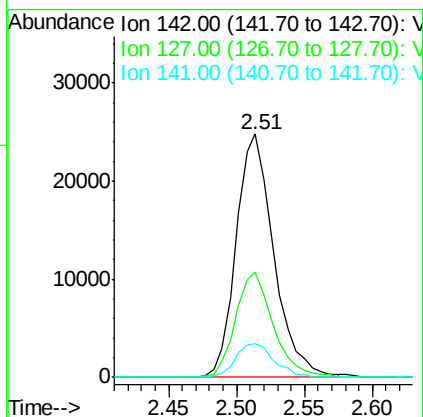
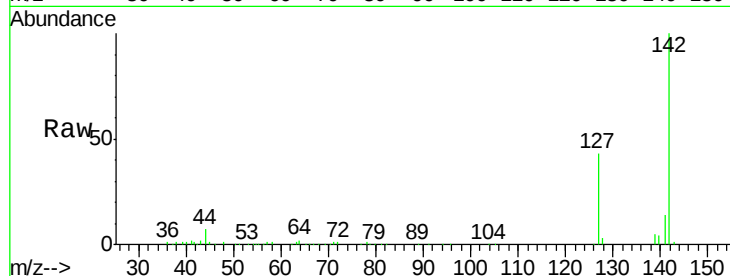




#11
Methyl Iodide
Concen: 15.680 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

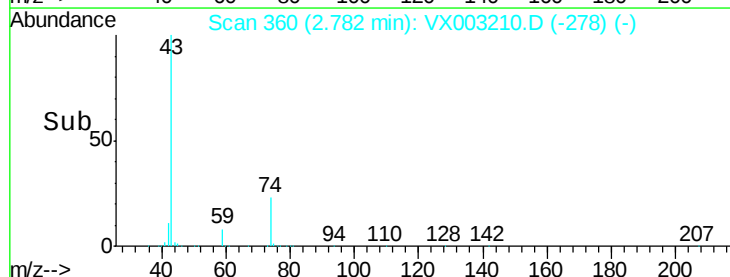
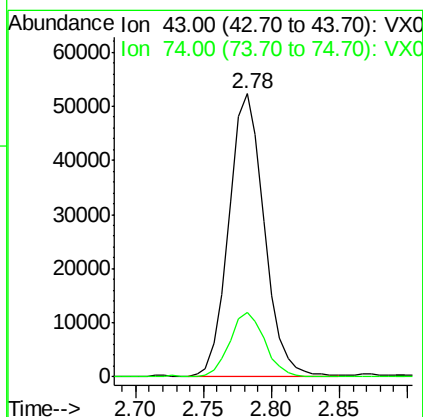
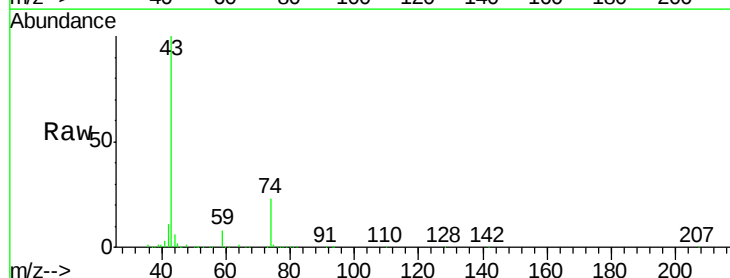
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

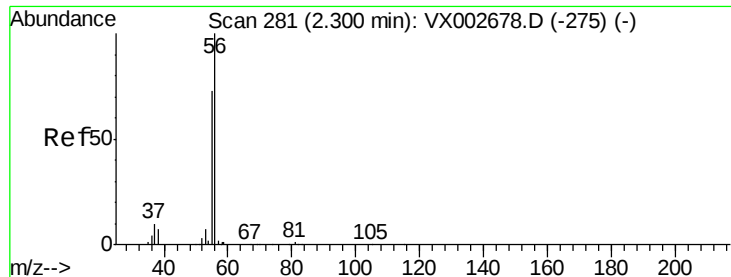
Tot Ion:142 Resp: 47823
Ion Ratio Lower Upper
142 100
127 43.5 23.2 69.6
141 14.1 7.4 22.2



#12
Methyl Acetate
Concen: 21.859 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 43 Resp: 93946
Ion Ratio Lower Upper
43 100
74 22.4 16.4 24.6





#13

Acrolein

Concen: 24.848 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

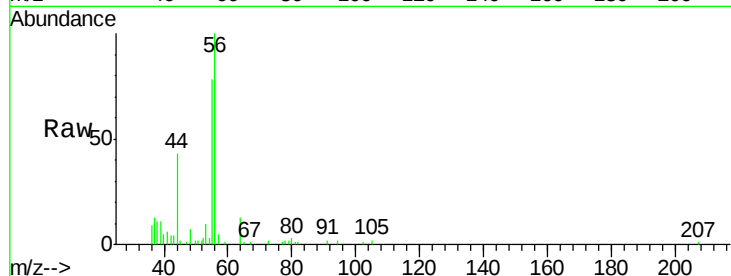
VSTDCCC020

Tot Ion: 56 Resp: 7593

Ion Ratio Lower Upper

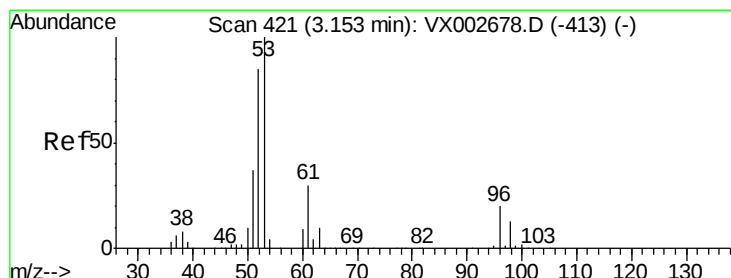
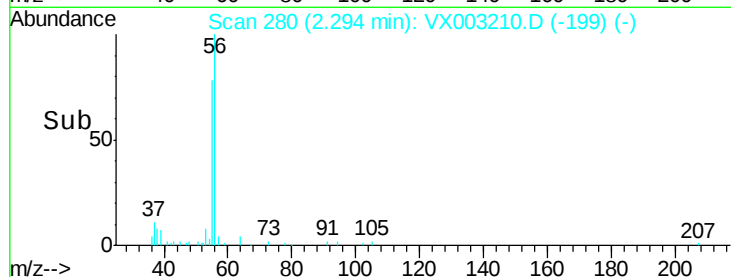
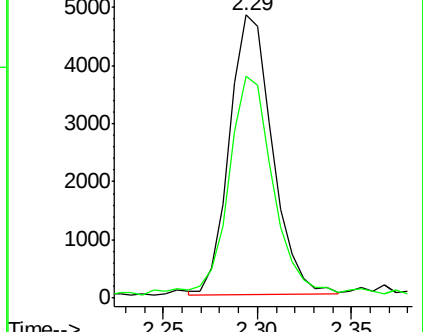
56 100

55 76.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 95.850 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

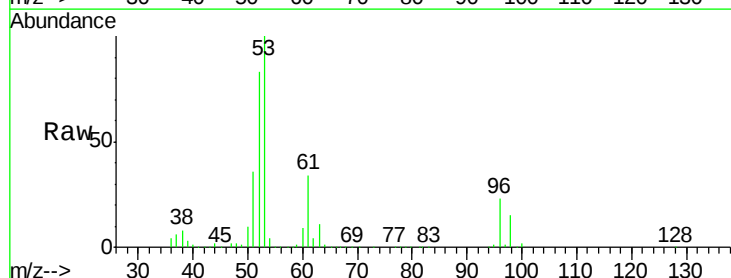
Tgt Ion: 53 Resp: 154938

Ion Ratio Lower Upper

53 100

52 82.9 41.5 124.6

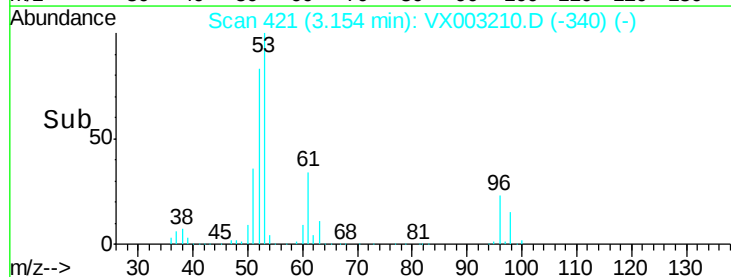
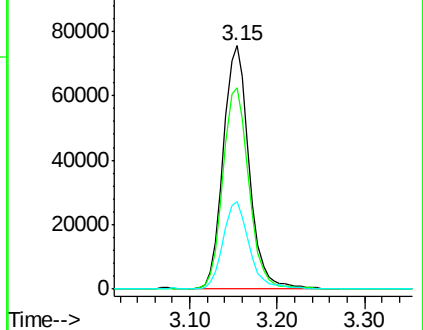
51 36.3 17.9 53.8

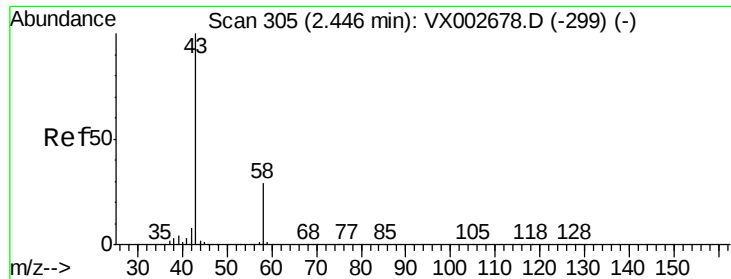


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 90.859 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

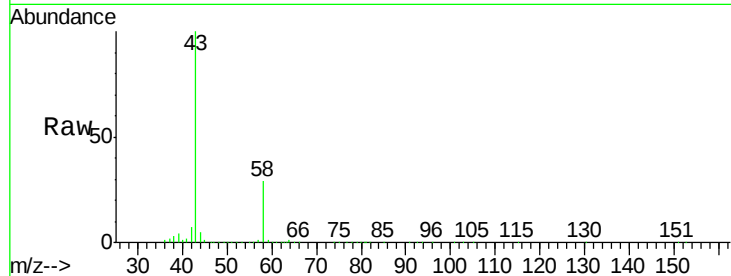
VSTDCCC020

Tot Ion: 58 Resp: 40823

Ion Ratio Lower Upper

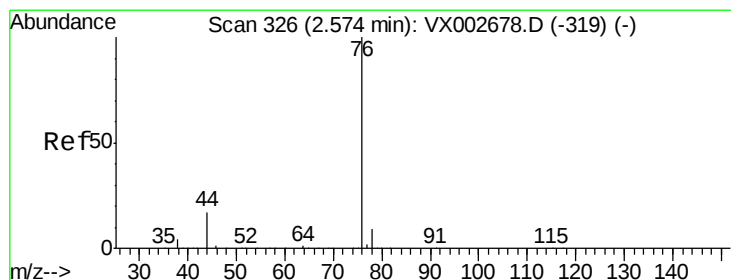
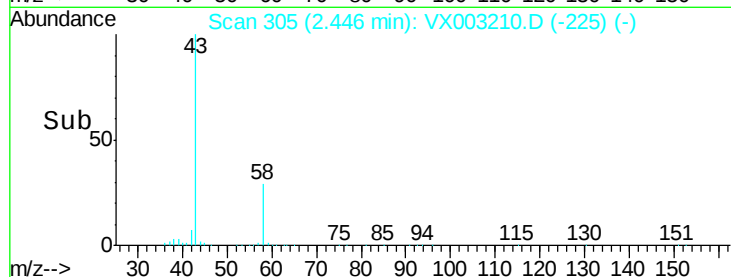
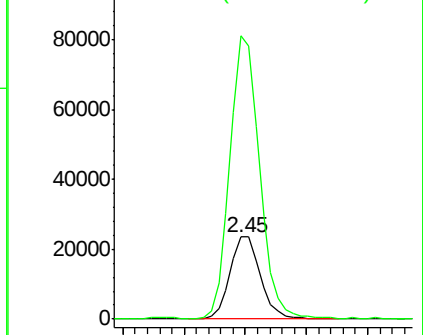
58 100

43 345.8 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 14.897 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003210.D

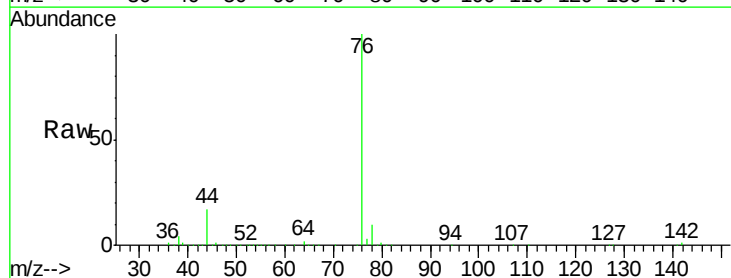
Acq: 06 Jul 2018 12:14

Tgt Ion: 76 Resp: 98787

Ion Ratio Lower Upper

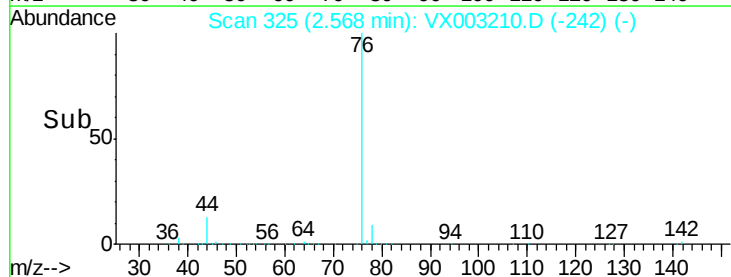
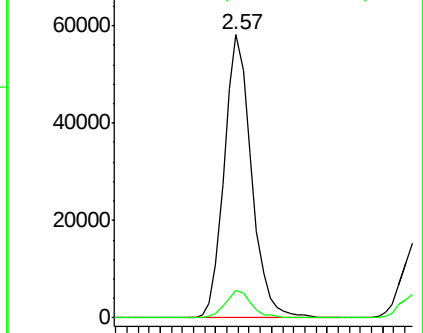
76 100

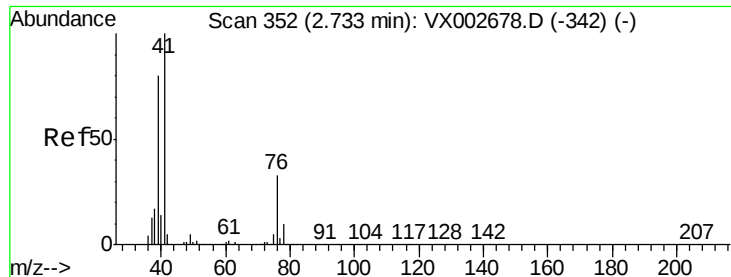
78 9.6 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

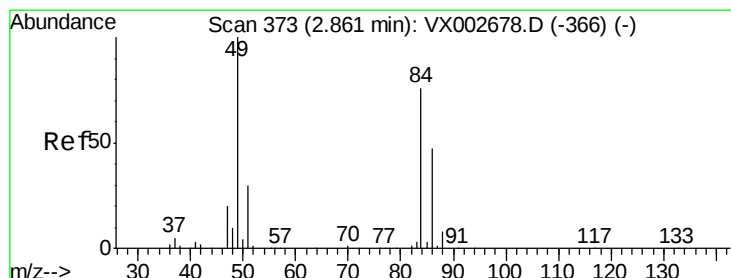
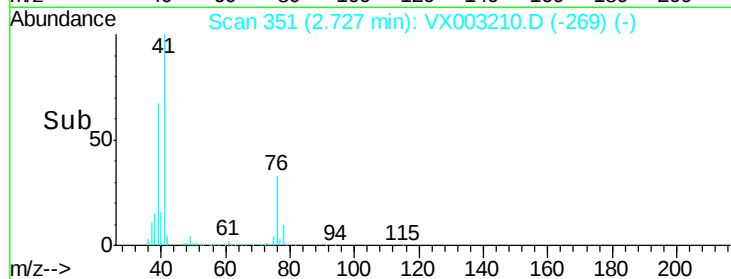
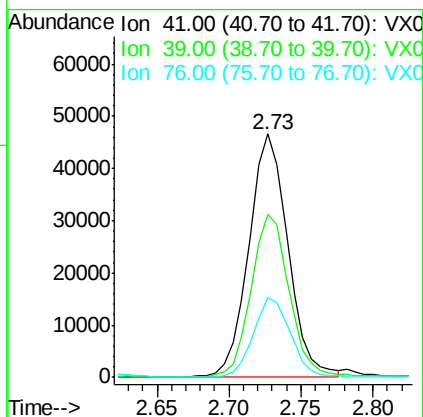
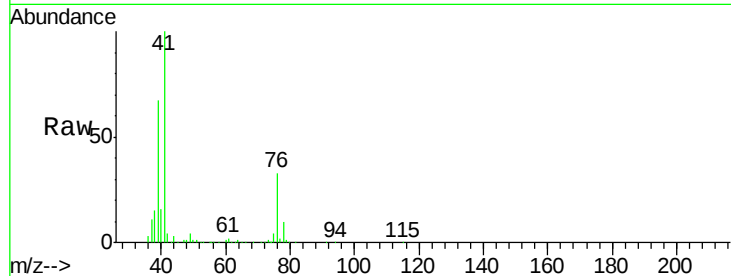




#17
Allvl chloride
Concen: 16.456 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

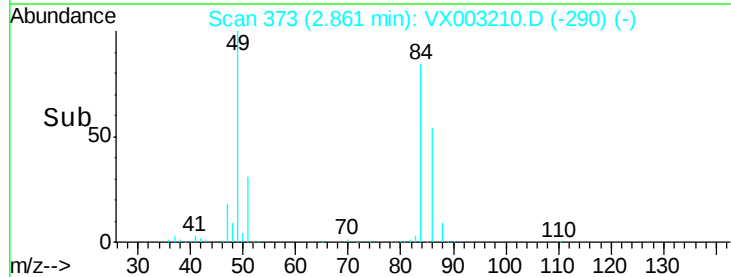
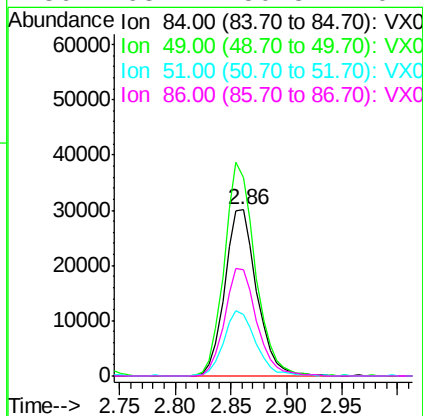
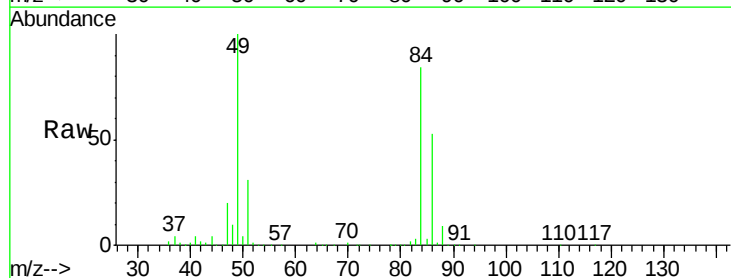
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

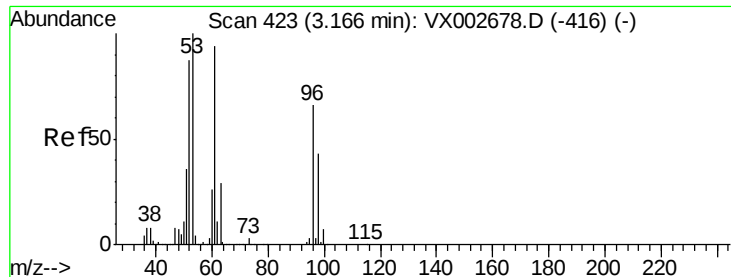
Tot Ion: 41 Resp: 86724
Ion Ratio Lower Upper
41 100
39 67.2 34.6 103.8
76 32.7 15.0 45.1



#18
Methylene Chloride
Concen: 19.790 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 84 Resp: 59990
Ion Ratio Lower Upper
84 100
49 119.6 104.7 157.1
51 37.0 31.0 46.4
86 63.7 50.8 76.2

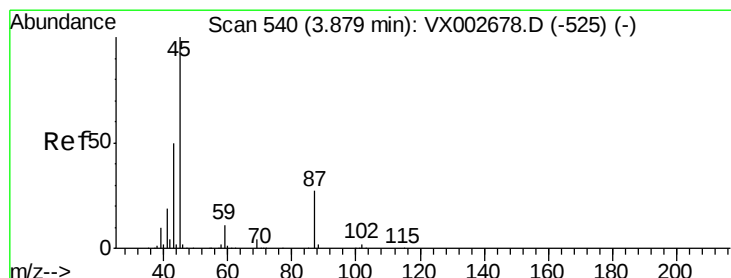
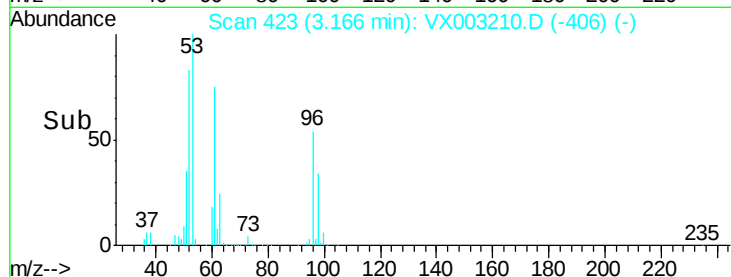
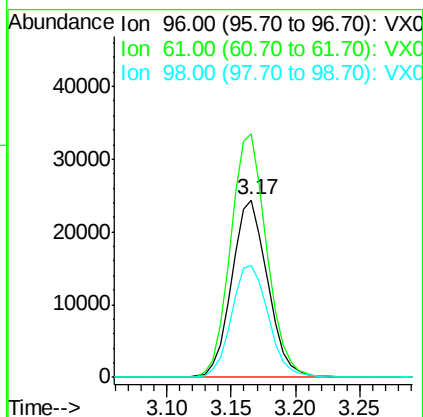
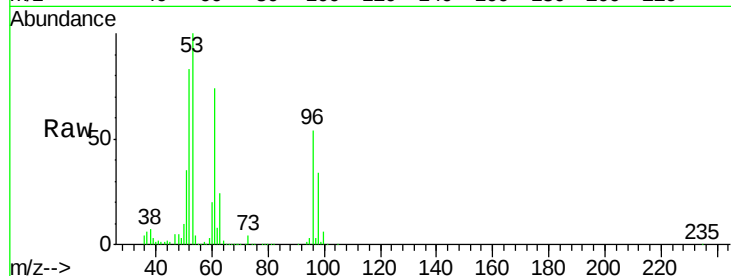




#19
trans-1,2-Dichloroethene
Concen: 16.677 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

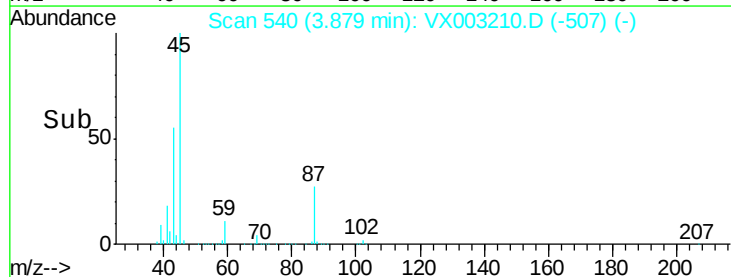
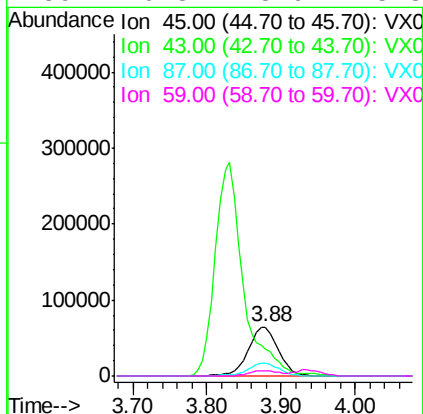
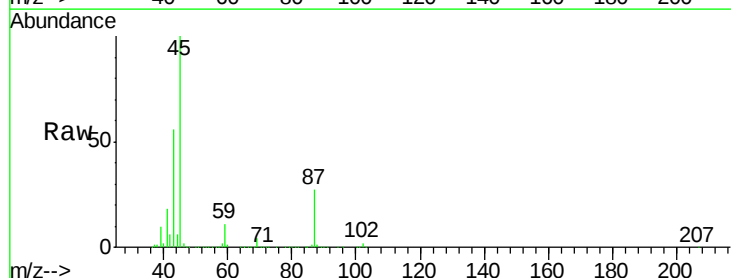
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

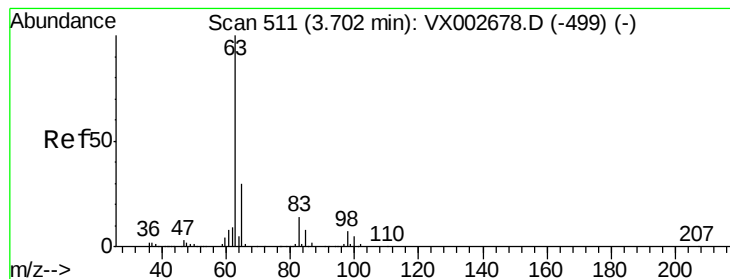
Tot Ion: 96 Resp: 47360
Ion Ratio Lower Upper
96 100
61 136.8 114.6 172.0
98 62.9 51.3 76.9



#20
Diisopropyl ether
Concen: 18.545 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 45 Resp: 182117
Ion Ratio Lower Upper
45 100
43 54.6 45.6 68.4
87 27.3 20.7 31.1
59 10.8 8.9 13.3





#21

1,1-Dichloroethane

Concen: 18.326 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

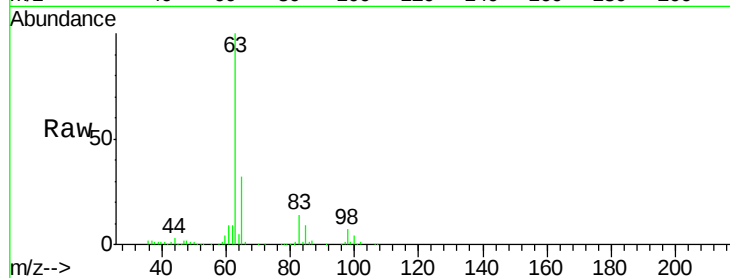
Tot Ion: 63 Resp: 96771

Ion Ratio Lower Upper

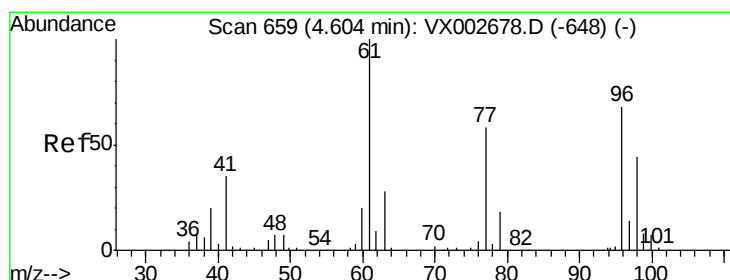
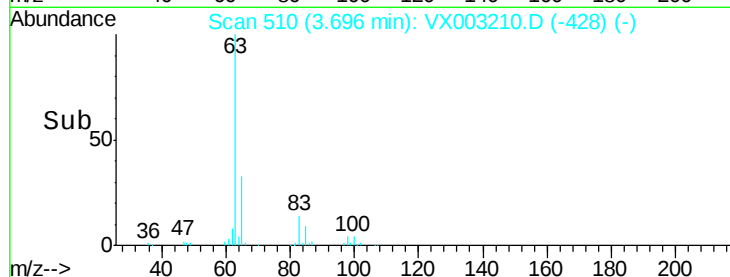
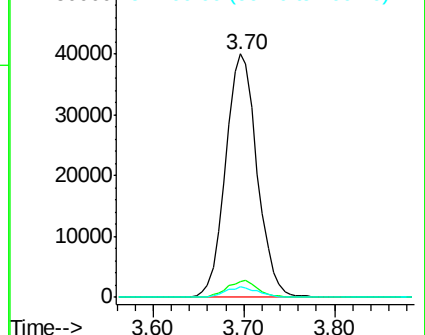
63 100

98 6.6 3.1 9.3

100 4.5 2.2 6.6



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: 19.946 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

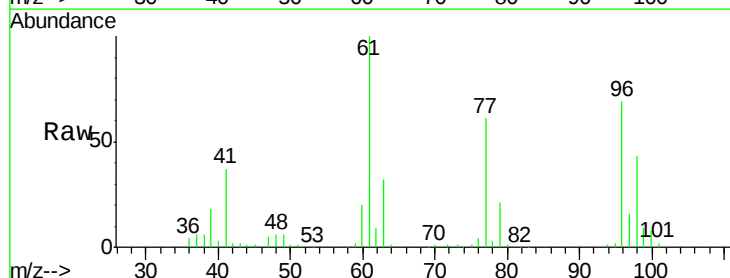
Tgt Ion: 96 Resp: 60886

Ion Ratio Lower Upper

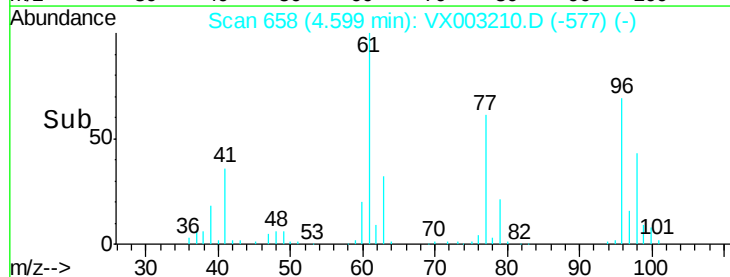
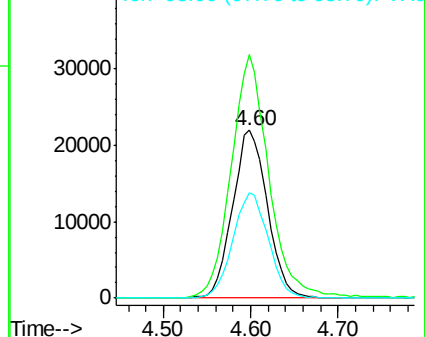
96 100

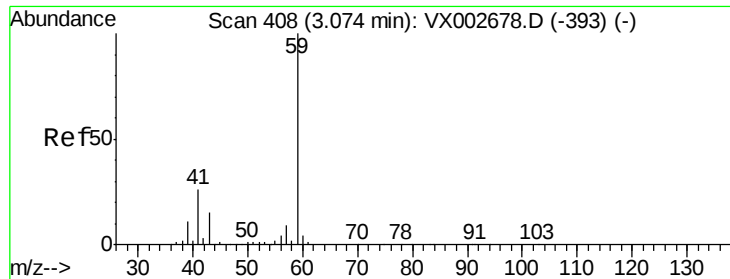
61 157.2 160.2 240.2#

98 63.7 54.1 81.1



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



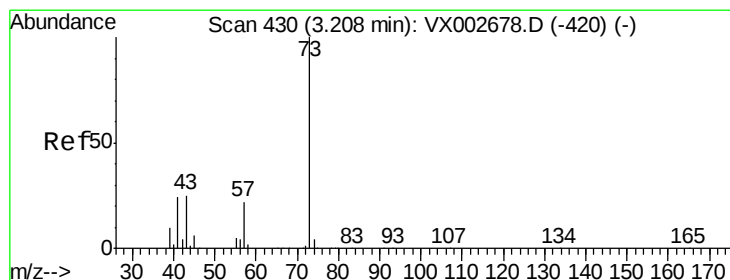
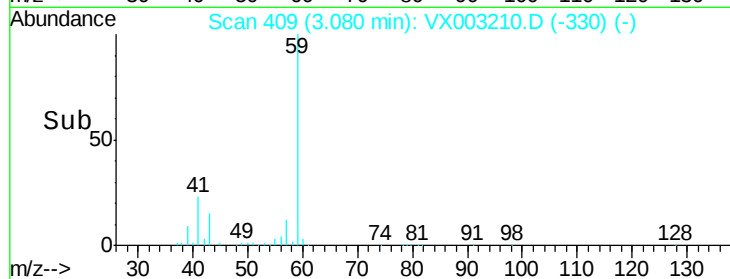
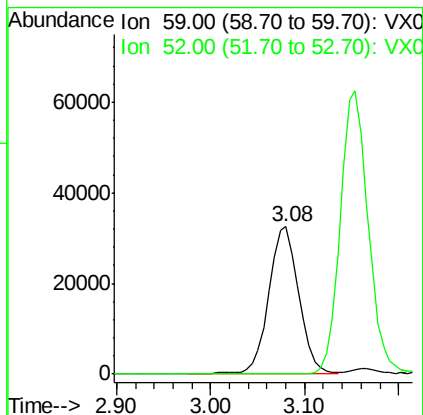
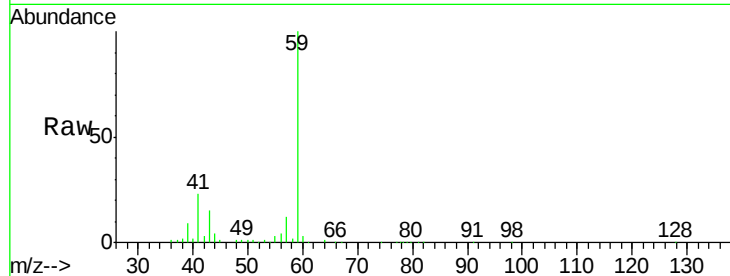


#23

tert-Butyl Alcohol
 Concen: 99.349 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

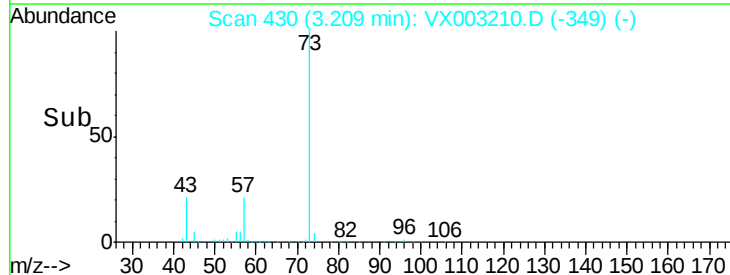
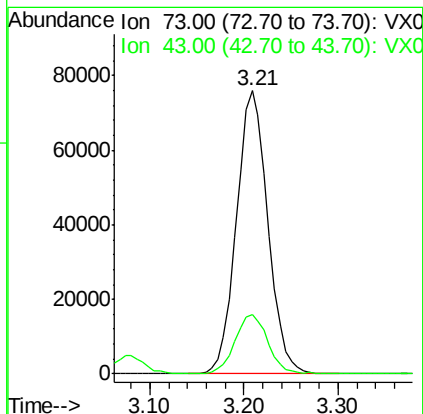
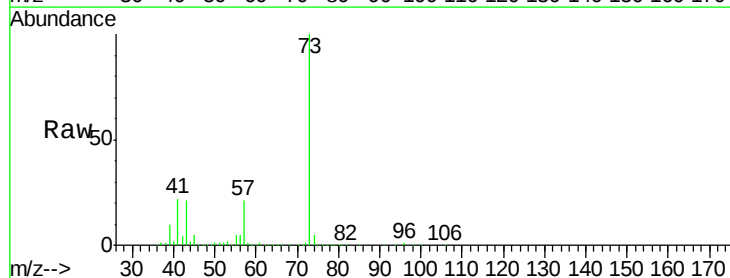
Tot Ion: 59 Resp: 72912
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

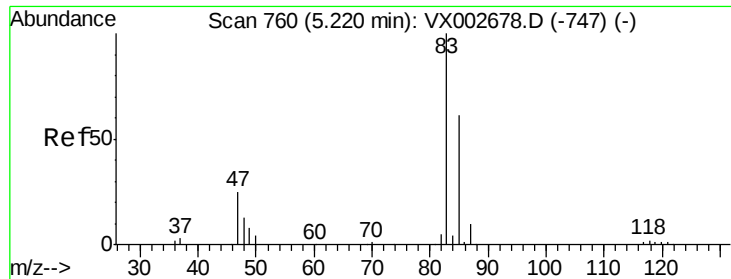


#24

Methyl tert-Butyl Ether
 Concen: 17.889 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion: 73 Resp: 176890
 Ion Ratio Lower Upper
 73 100
 43 21.3 19.0 28.4

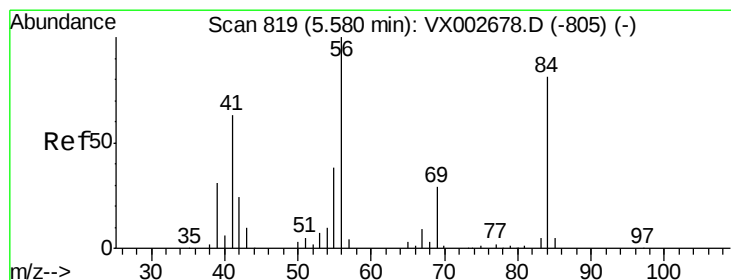
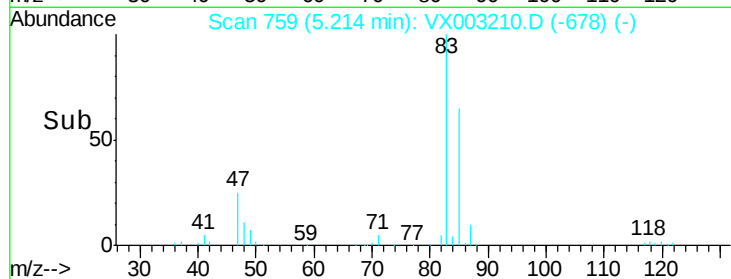
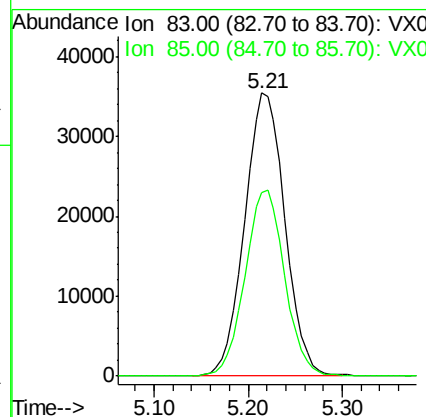
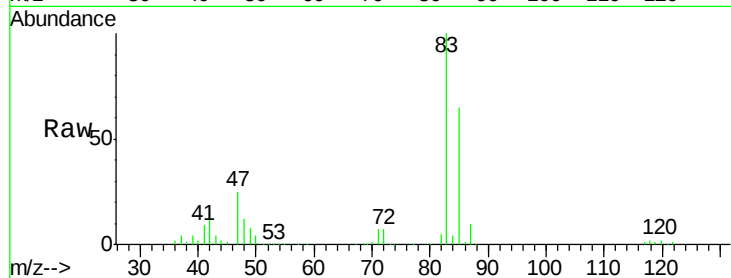




#25
Chloroform
Concen: 19.912 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

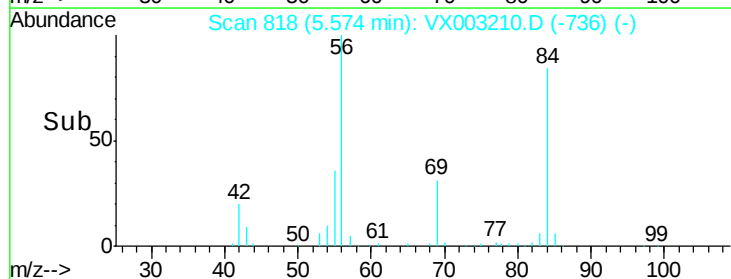
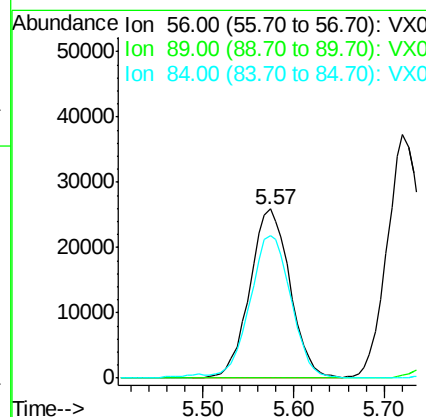
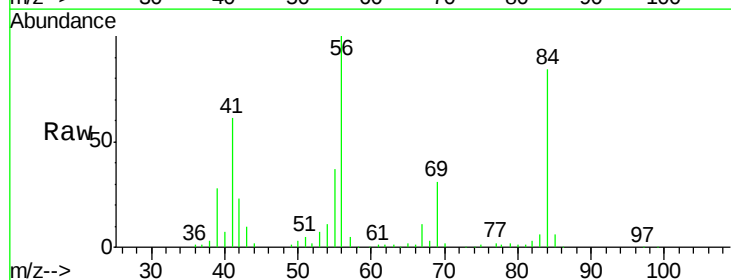
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

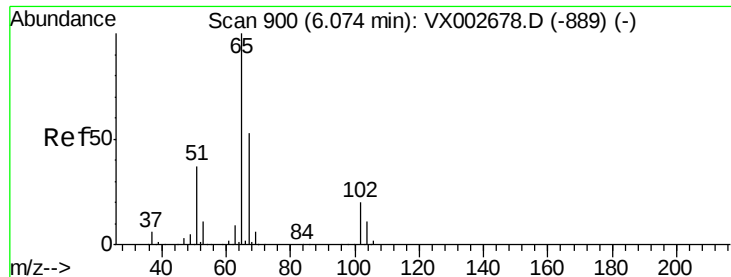
Tot Ion: 83 Resp: 105515
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9



#26
Cyclohexane
Concen: 17.720 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 56 Resp: 79495
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 86.0 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 28.794 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

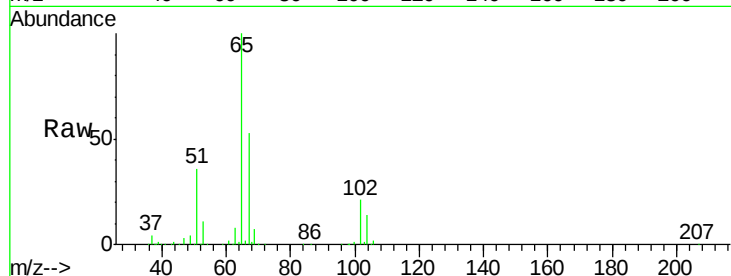
VSTDCCC020

Tot Ion: 65 Resp: 112640

Ion Ratio Lower Upper

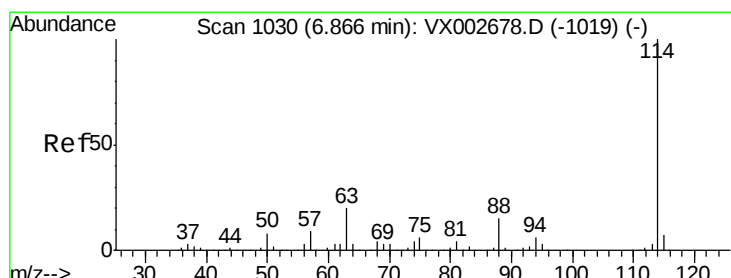
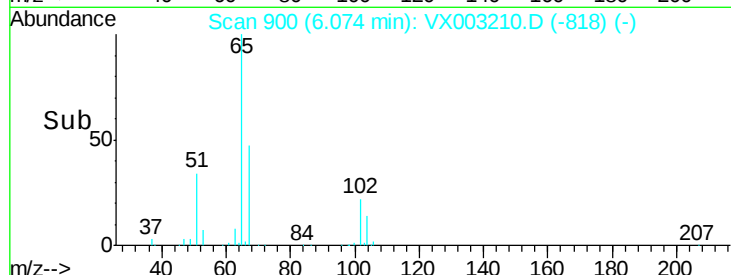
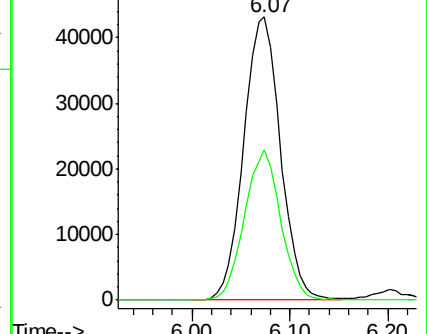
65 100

67 52.0 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

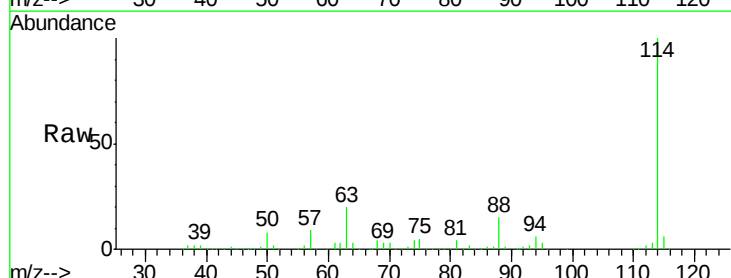
Tgt Ion: 114 Resp: 273315

Ion Ratio Lower Upper

114 100

63 19.7 17.1 25.7

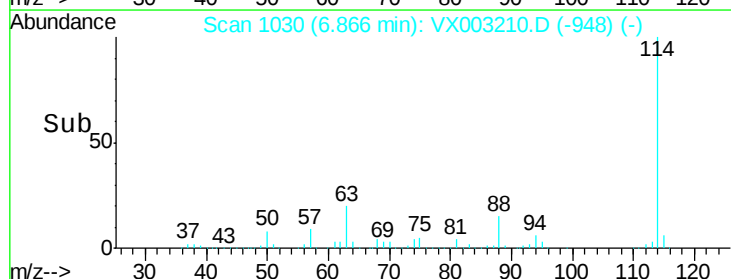
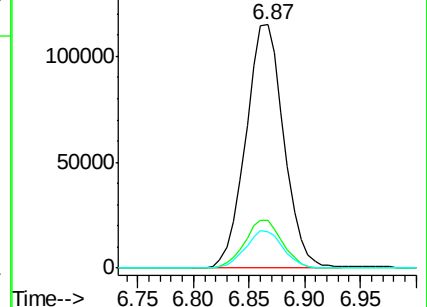
88 15.3 12.6 19.0

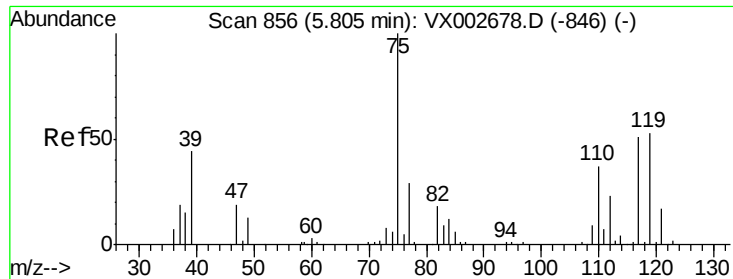


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

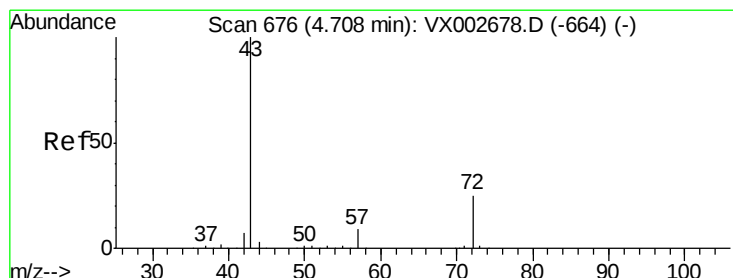
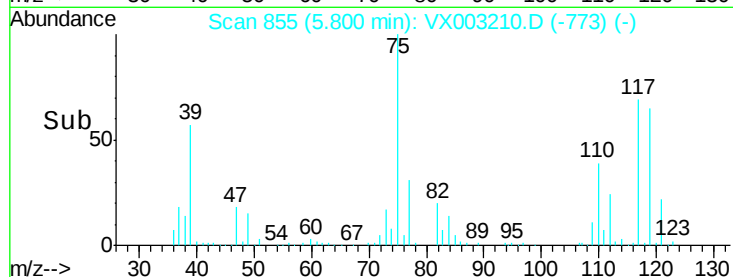
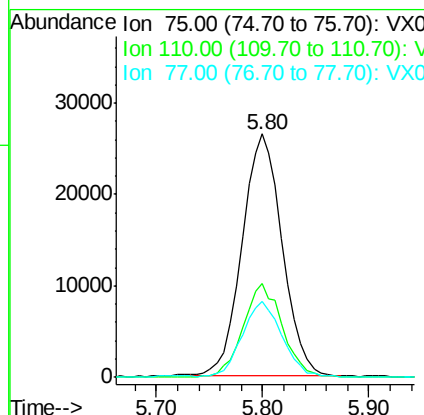
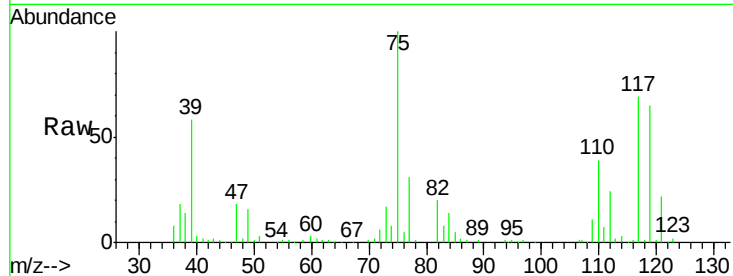




#29
 1,1-Dichloropropene
 Concen: 18.978 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

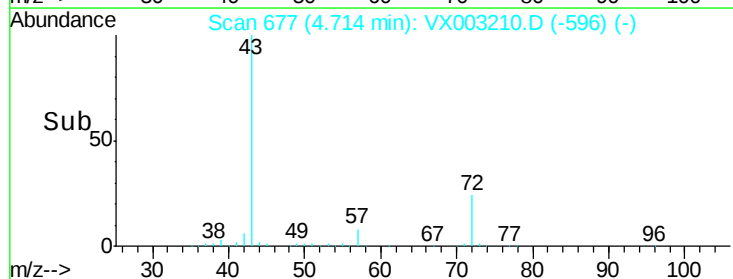
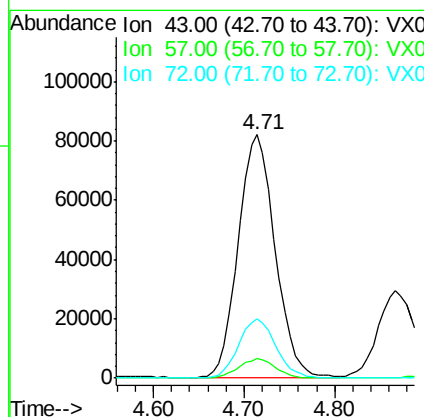
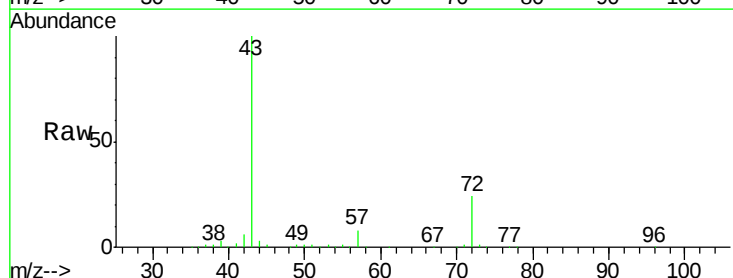
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

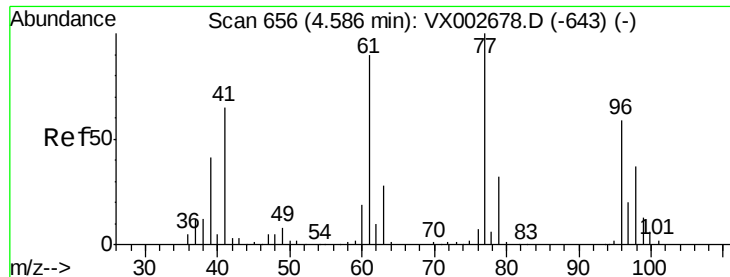
Tot Ion: 75 Resp: 70047
 Ion Ratio Lower Upper
 75 100
 110 38.1 0.0 71.4
 77 31.6 0.0 60.6



#30
 2-Butanone
 Concen: 109.666 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion: 43 Resp: 231616
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.1 9.1
 72 24.6 18.1 27.1

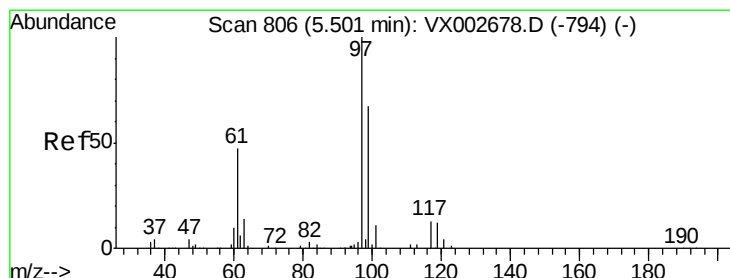
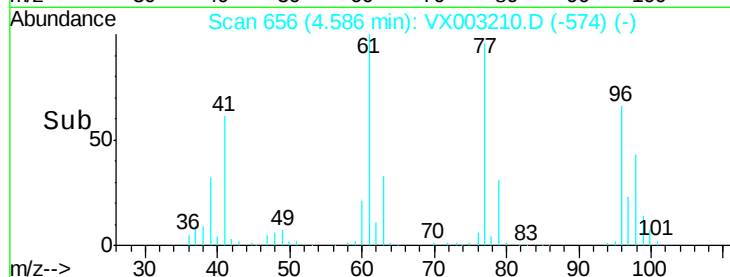
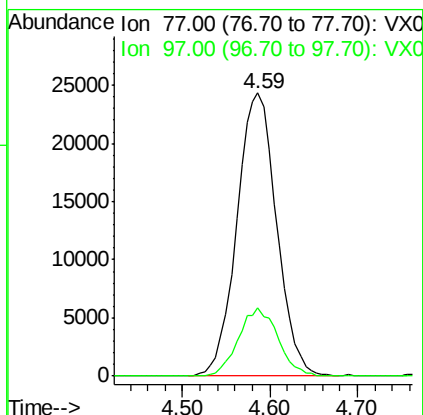
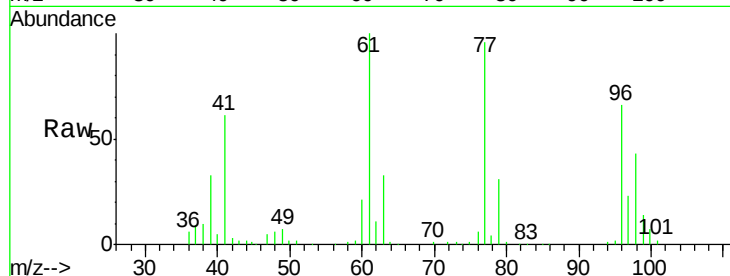




#31
 2,2-Dichloropropane
 Concen: 19.461 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

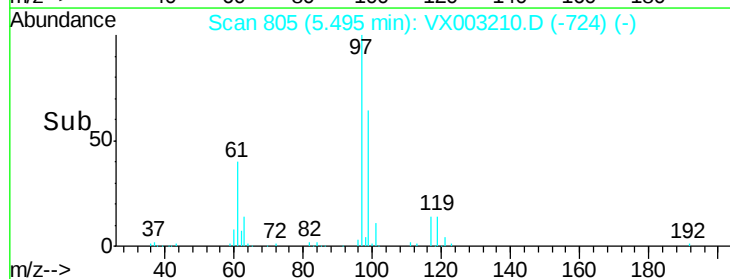
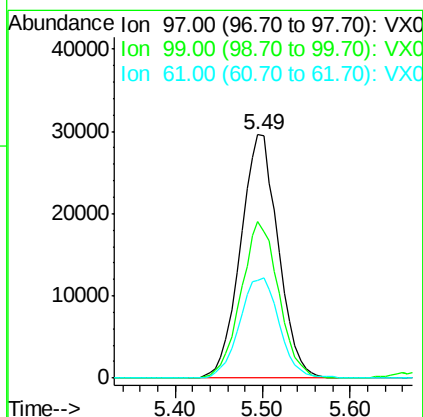
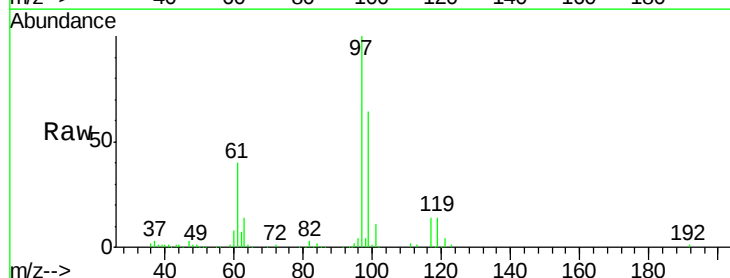
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

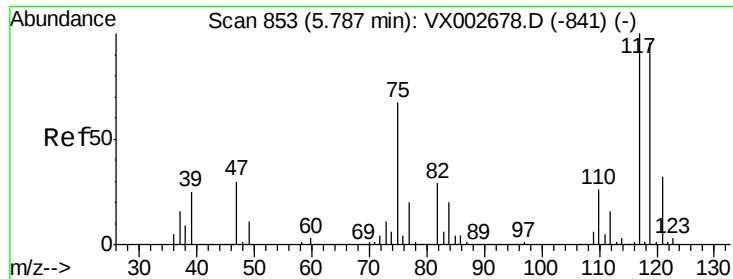
Tot Ion: 77 Resp: 76767
 Ion Ratio Lower Upper
 77 100
 97 23.9 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 19.952 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion: 97 Resp: 88959
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.7 77.5
 61 43.2 36.4 54.6

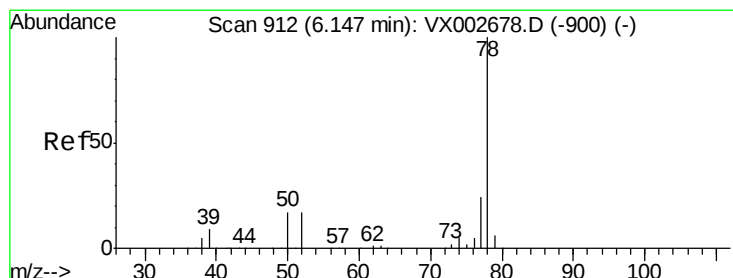
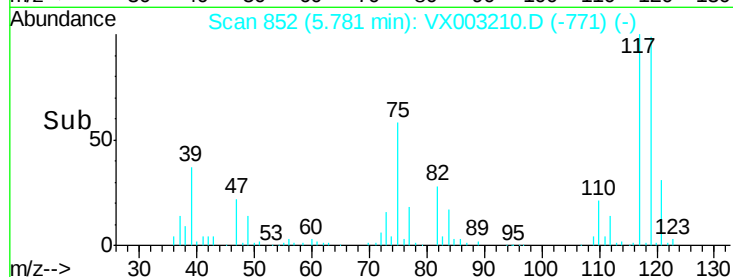
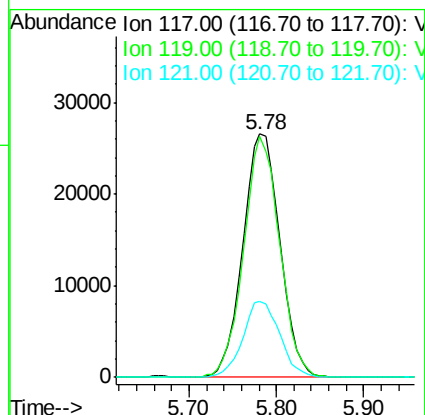
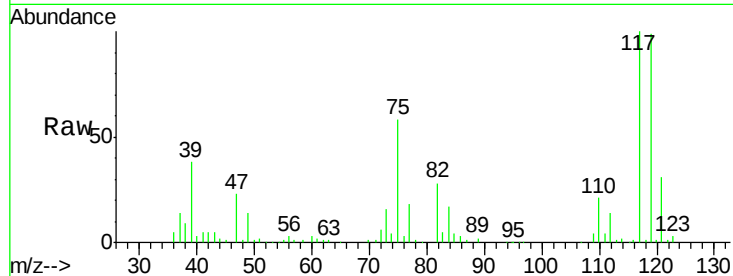




#33
Carbon Tetrachloride
Concen: 19.565 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

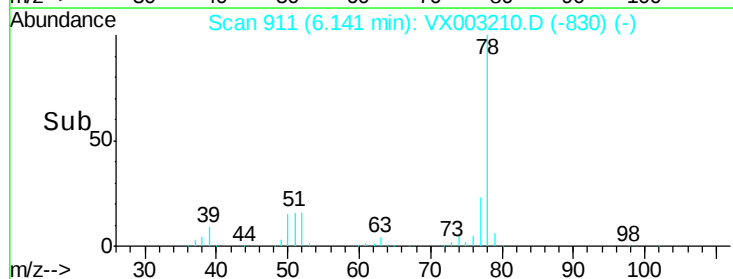
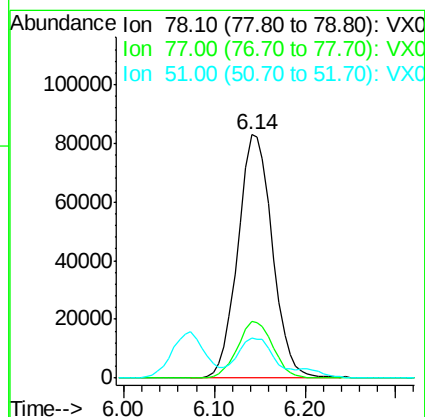
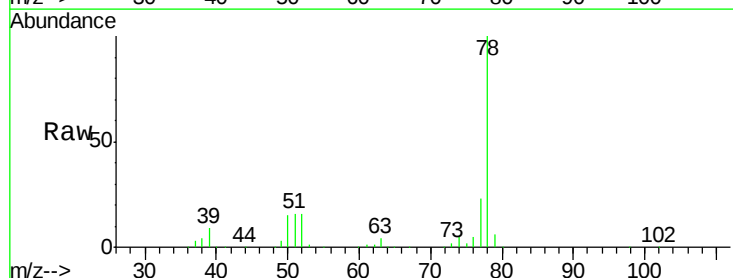
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

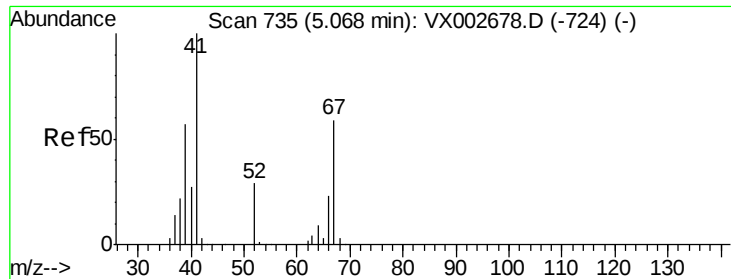
Tot Ion:117 Resp: 78411
Ion Ratio Lower Upper
117 100
119 98.9 73.3 109.9
121 31.3 23.6 35.4



#34
Benzene
Concen: 20.031 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 78 Resp: 218951
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0
51 15.7 13.8 20.6

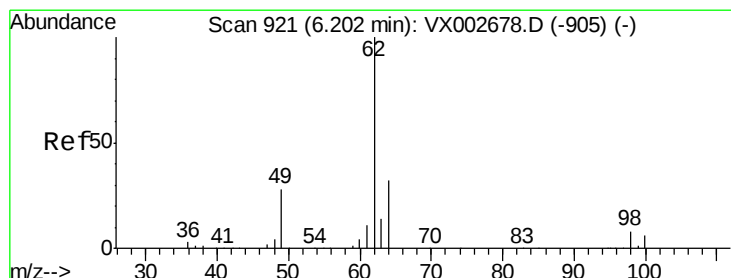
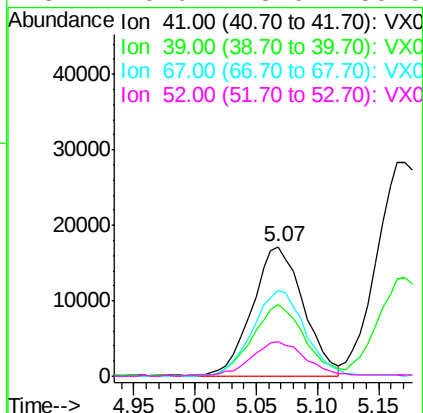
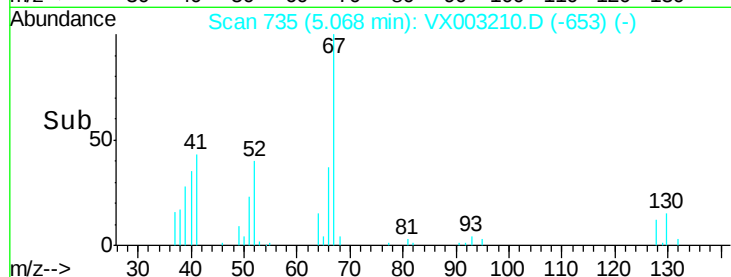
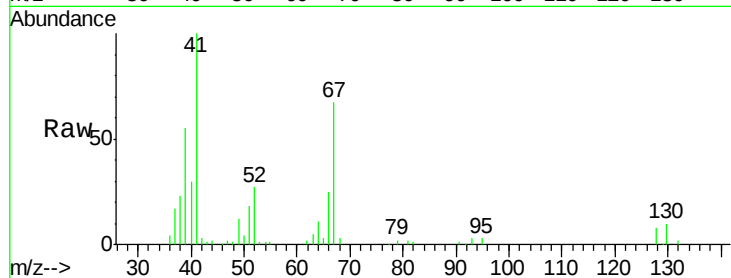




#35
Methacrylonitrile
Concen: 21.577 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

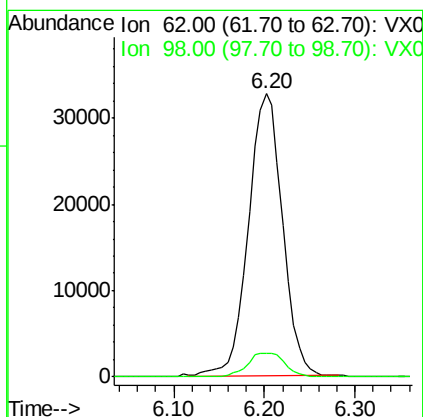
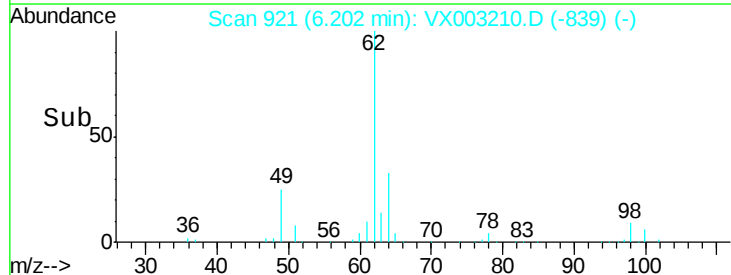
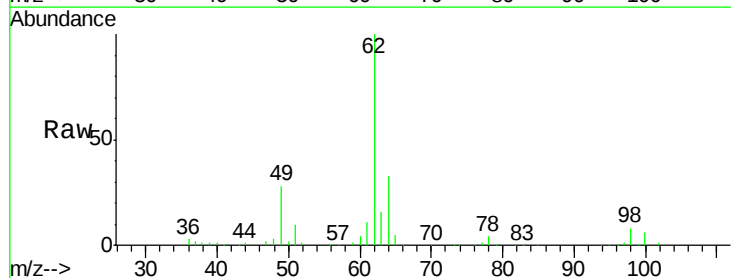
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

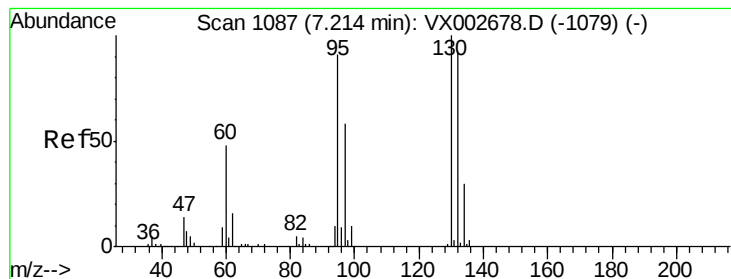
Tot Ion:	41	Resp:	49615
Ion	Ratio	Lower	Upper
41	100		
39	54.7	28.8	86.5
67	67.0	30.4	91.2
52	26.0	13.0	39.0



#36
1,2-Dichloroethane
Concen: 19.905 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion:	62	Resp:	85424
Ion	Ratio	Lower	Upper
62	100		
98	9.3	6.5	9.7





#37

Trichloroethene

Concen: 20.096 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

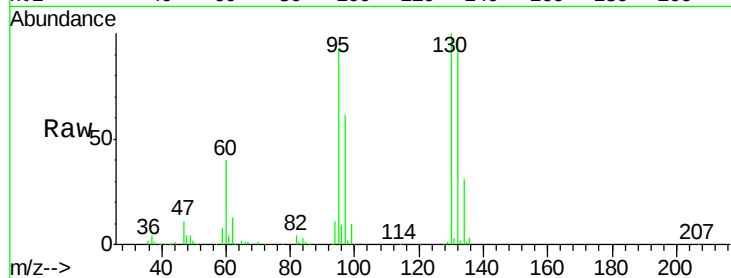
VSTDCCC020

Tot Ion:130 Resp: 64335

Ion Ratio Lower Upper

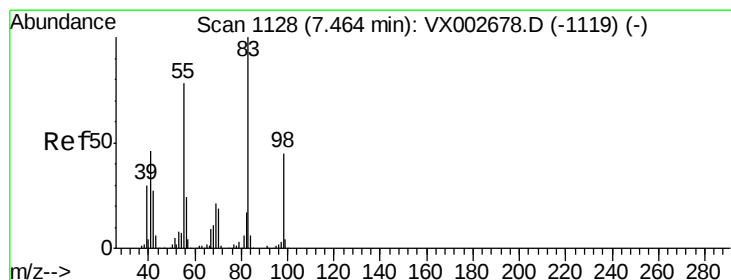
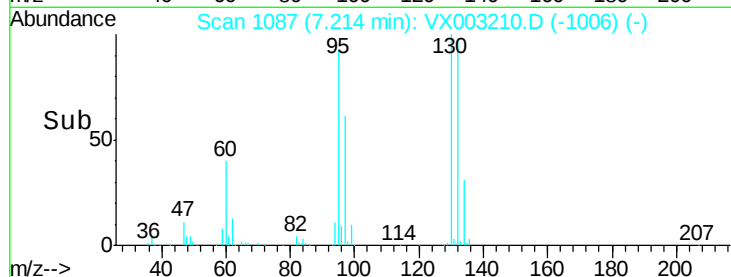
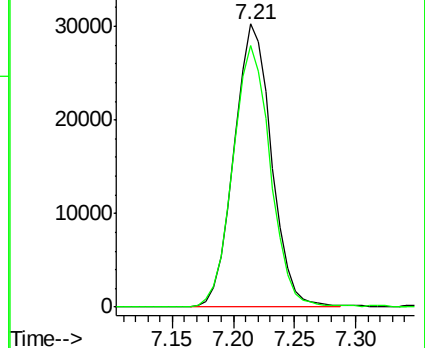
130 100

95 92.3 81.5 122.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.765 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

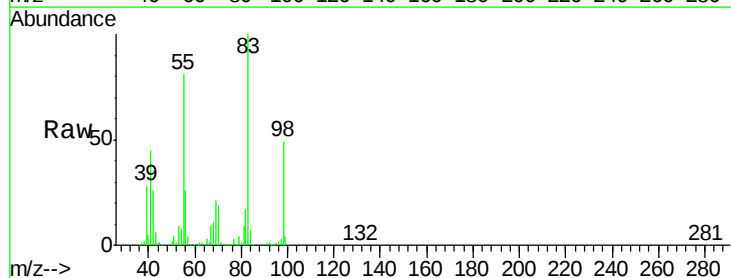
Tgt Ion: 83 Resp: 79772

Ion Ratio Lower Upper

83 100

55 79.6 40.6 121.8

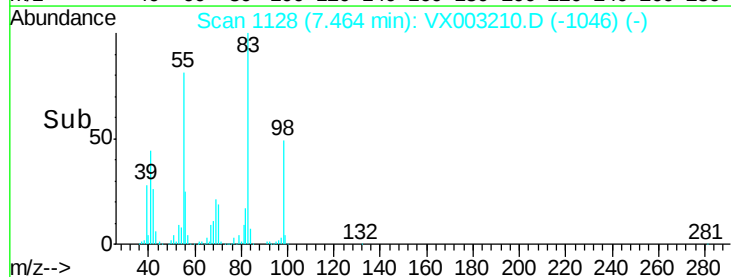
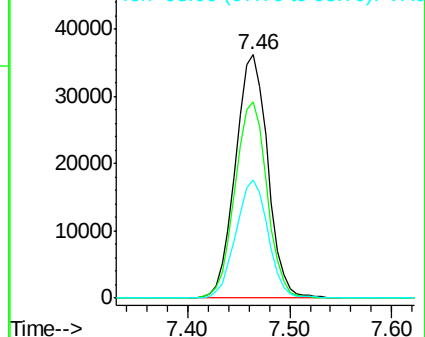
98 47.8 23.5 70.5

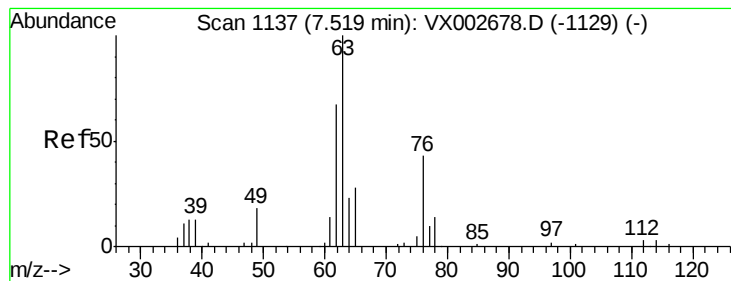


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.134 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

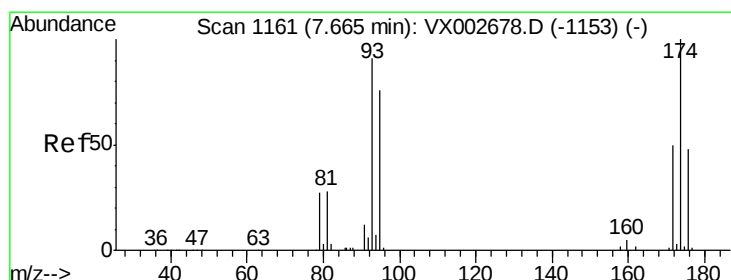
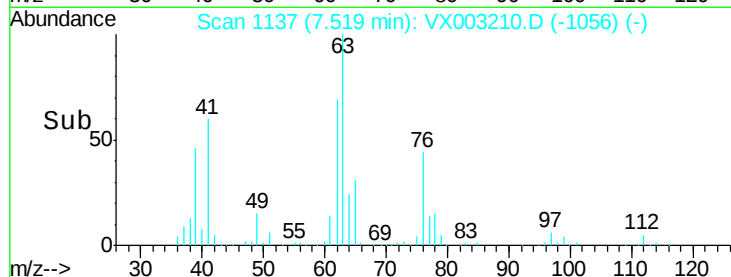
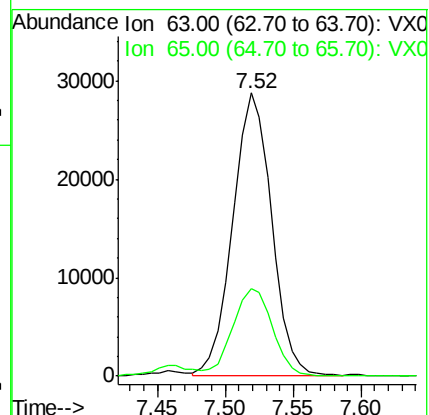
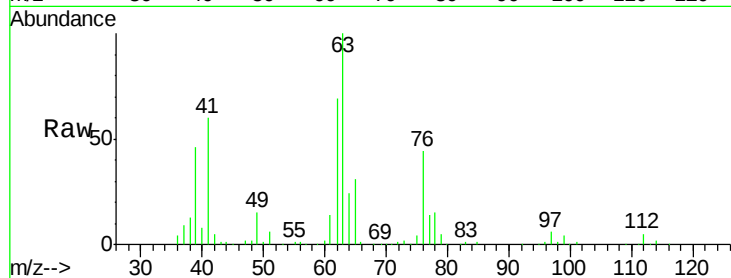
VSTDCCC020

Tot Ion: 63 Resp: 57406

Ion Ratio Lower Upper

63 100

65 31.2 23.3 34.9



#40

Dibromomethane

Concen: 20.299 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

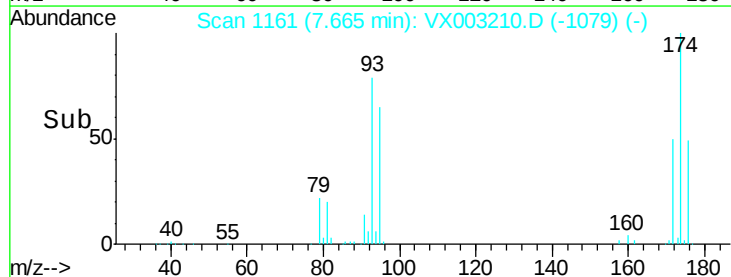
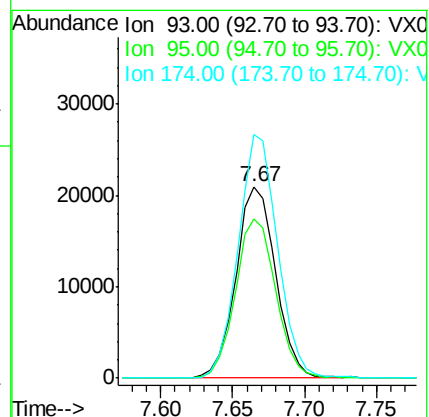
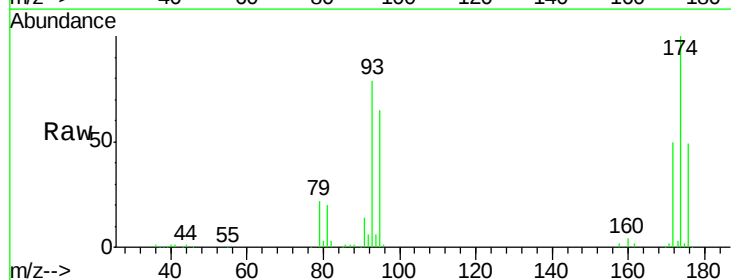
Tgt Ion: 93 Resp: 40212

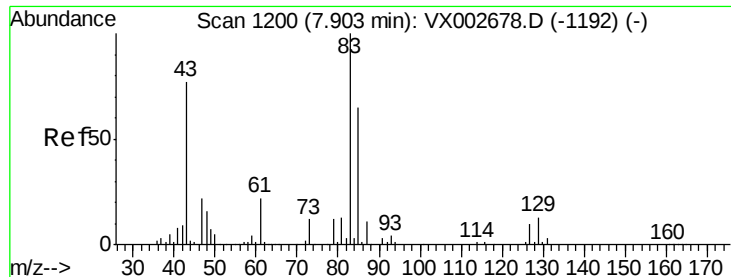
Ion Ratio Lower Upper

93 100

95 84.5 0.0 162.6

174 125.4 0.0 229.4





#41

Bromodichloromethane

Concen: 20.004 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

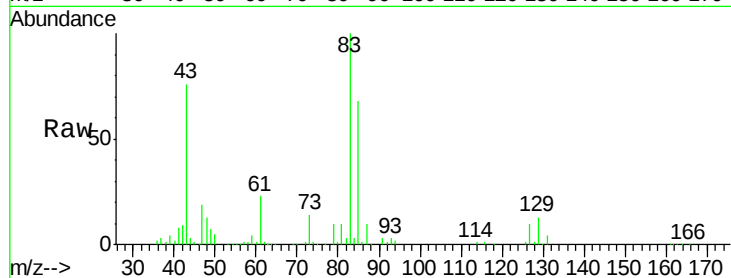
Tot Ion: 83 Resp: 74437

Ion Ratio Lower Upper

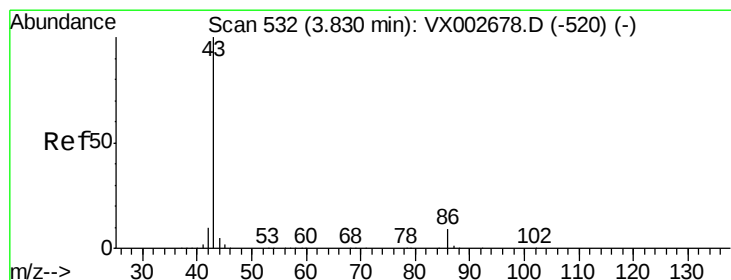
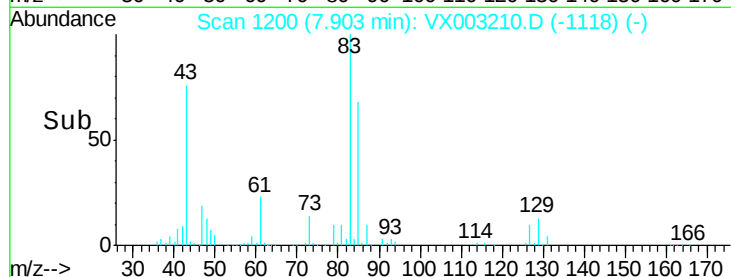
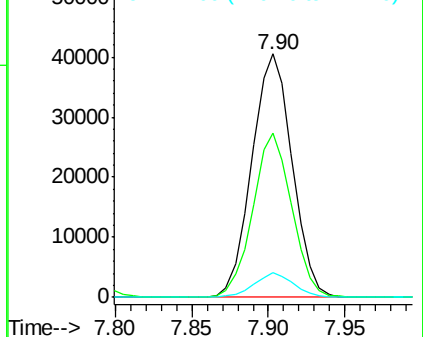
83 100

85 67.6 49.8 74.8

127 10.1 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 92.343 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003210.D

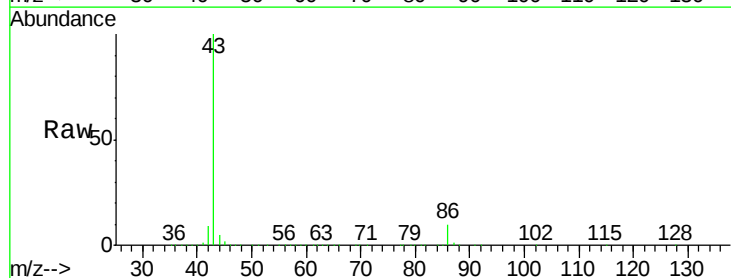
Acq: 06 Jul 2018 12:14

Tgt Ion: 43 Resp: 739670

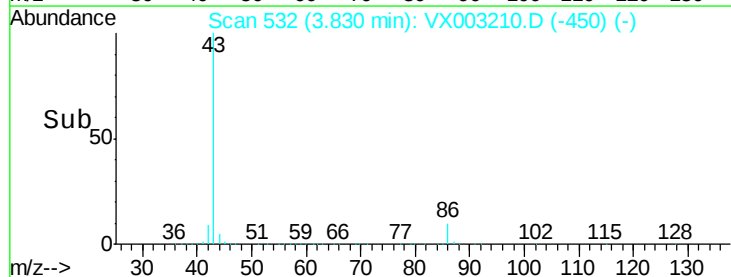
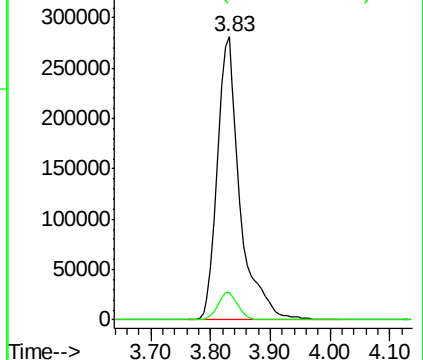
Ion Ratio Lower Upper

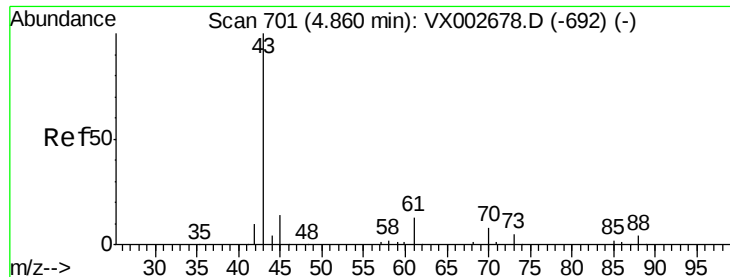
43 100

86 8.6 6.7 10.1



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





#43

Ethyl Acetate

Concen: 20.765 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

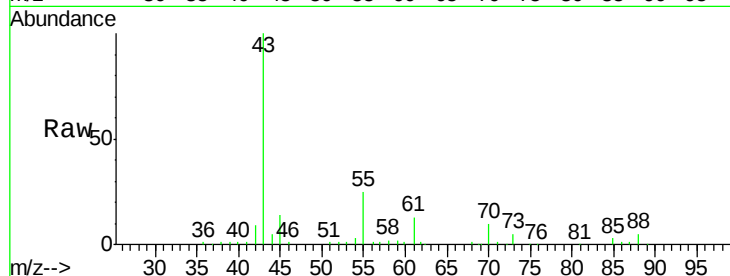
VSTDCCC020

Tot Ion: 43 Resp: 83877

Ion Ratio Lower Upper

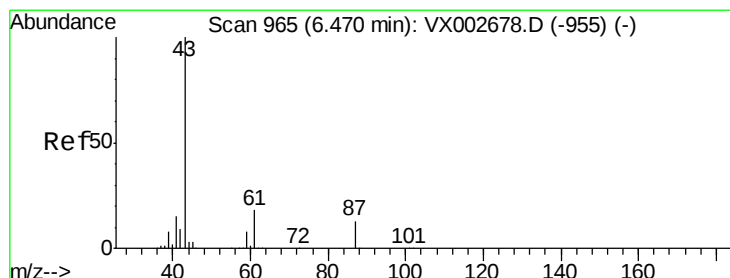
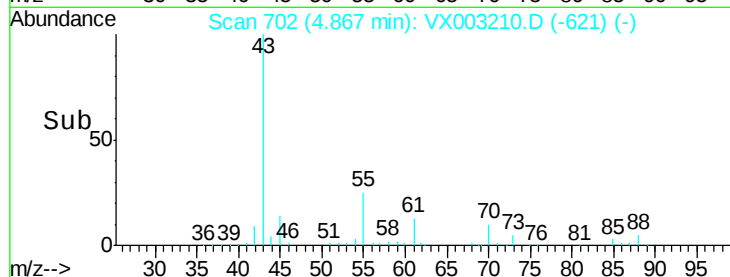
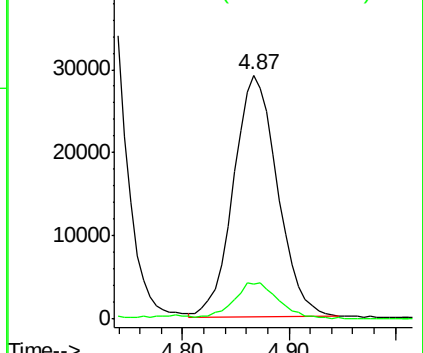
43 100

45 15.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.134 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003210.D

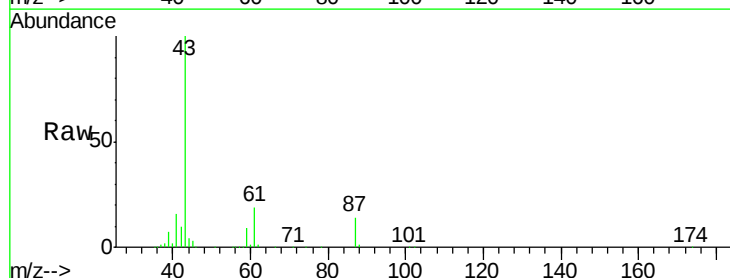
Acq: 06 Jul 2018 12:14

Tgt Ion: 43 Resp: 136267

Ion Ratio Lower Upper

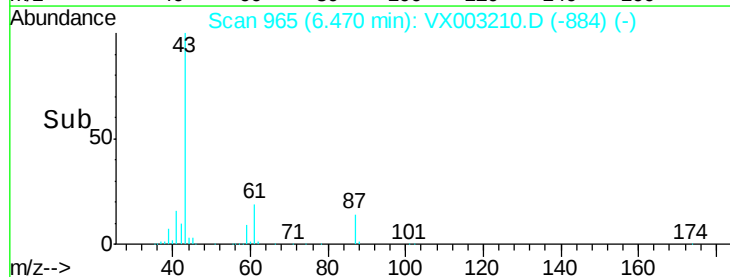
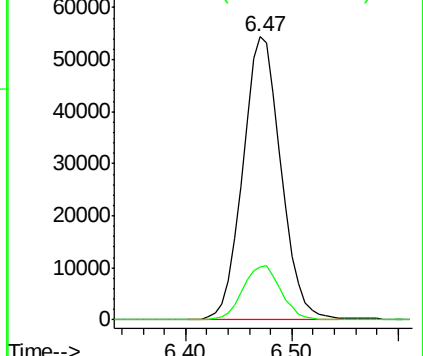
43 100

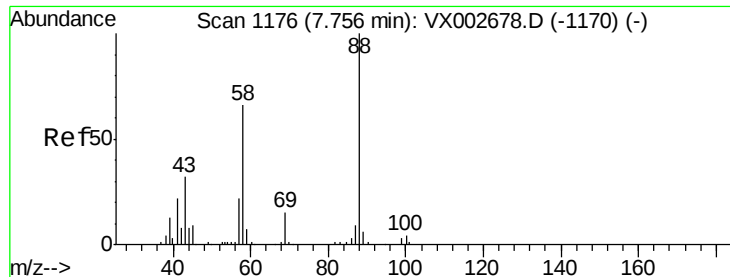
61 19.3 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

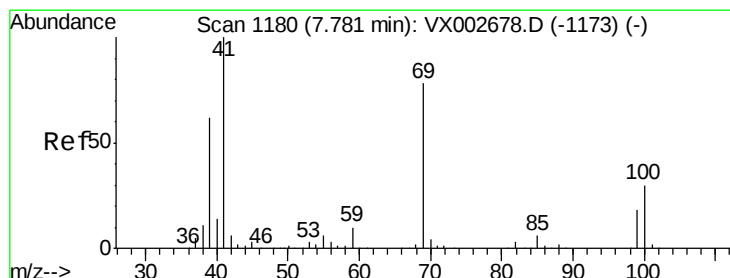
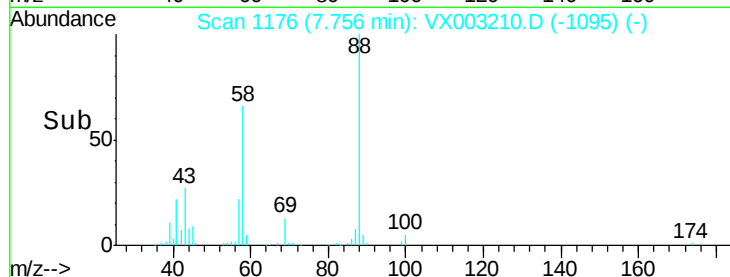
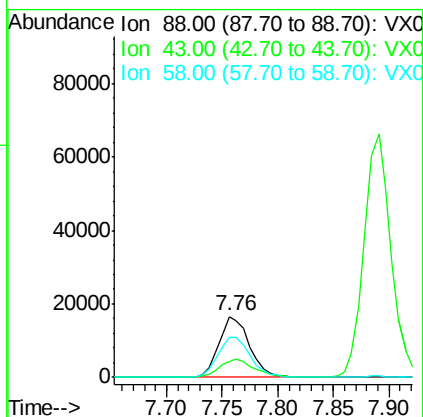
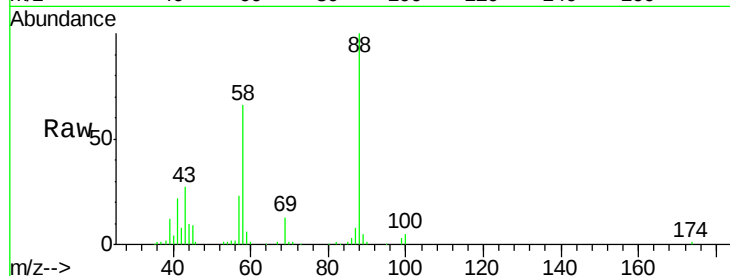




#45
1,4-Dioxane
Concen: 473.227 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

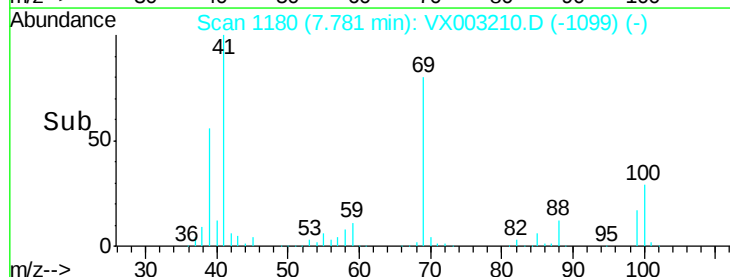
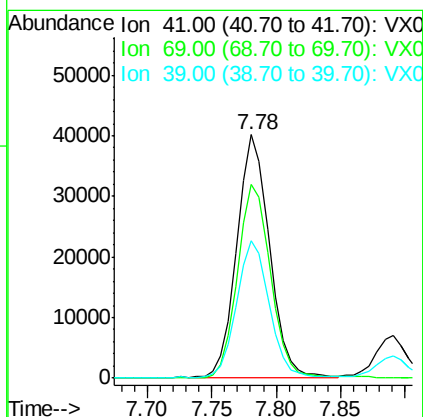
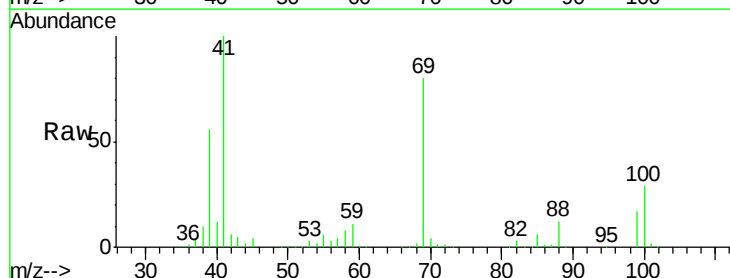
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

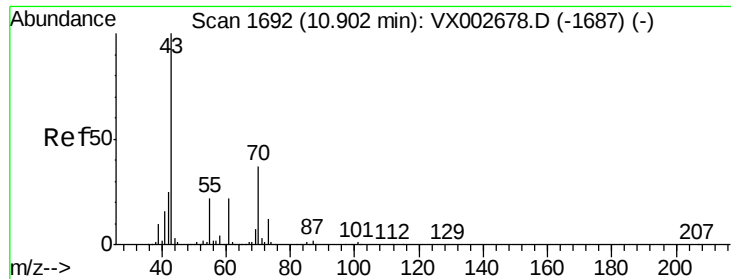
Tot Ion: 88 Resp: 31377
Ion Ratio Lower Upper
88 100
43 31.8 43.2 64.8#
58 68.4 60.2 90.2



#46
Methyl methacrylate
Concen: 20.438 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 41 Resp: 70679
Ion Ratio Lower Upper
41 100
69 79.9 37.0 110.9
39 56.1 29.6 88.9





#47

n-amvl Acetate

Concen: 18.212 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

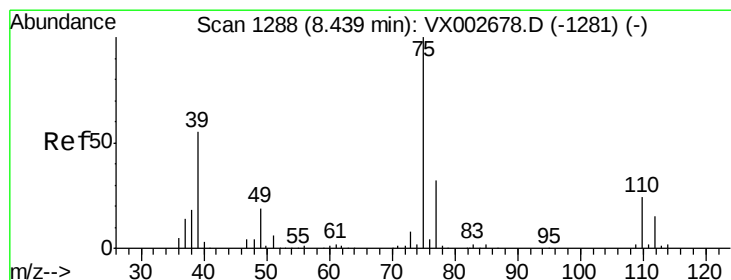
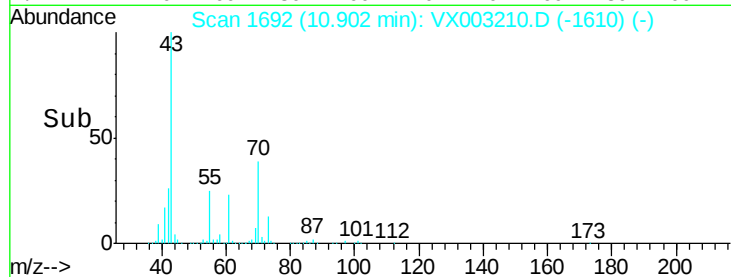
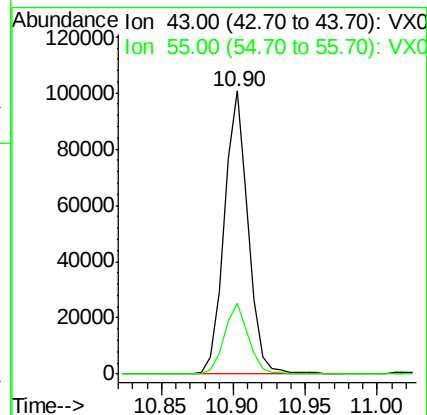
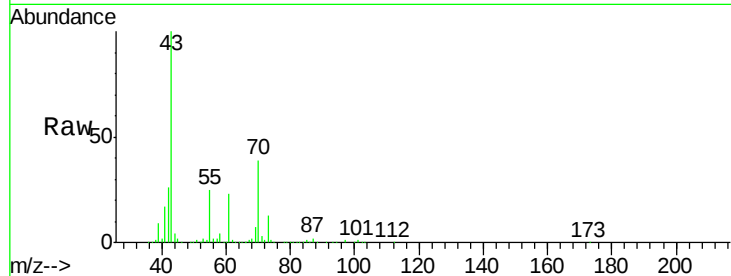
VSTDCCC020

Tot Ion: 43 Resp: 116312

Ion Ratio Lower Upper

43 100

55 25.1 0.1 0.1#



#48

t-1,3-Dichloropropene

Concen: 19.567 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003210.D

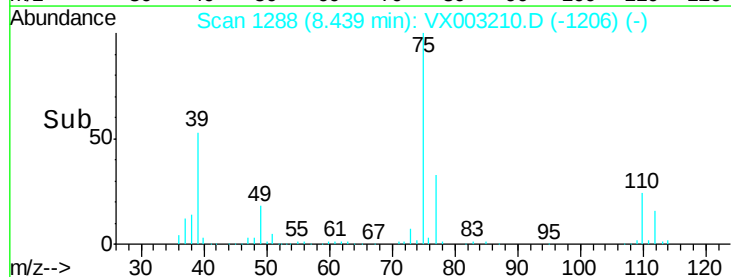
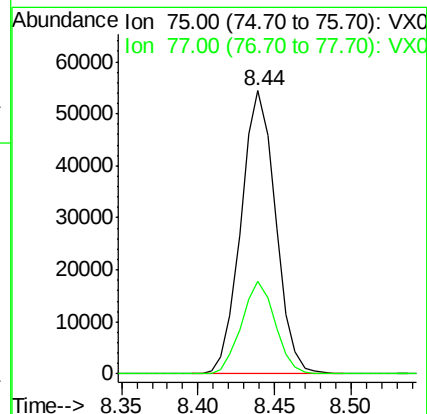
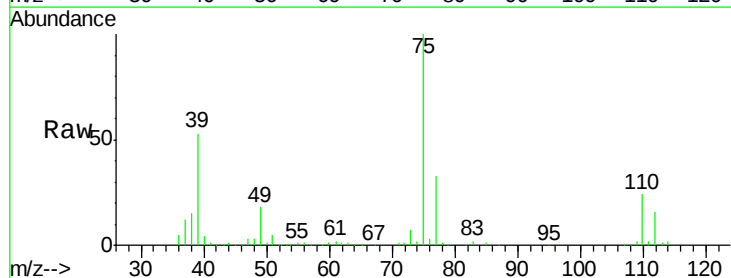
Acq: 06 Jul 2018 12:14

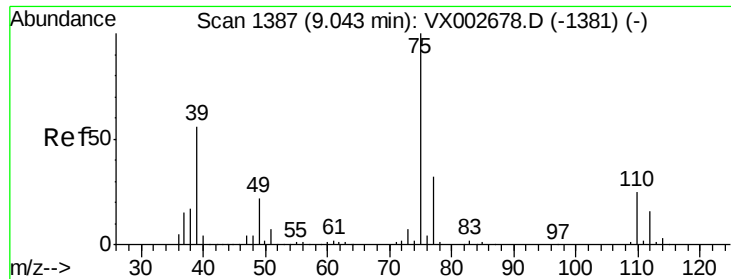
Tgt Ion: 75 Resp: 85479

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4



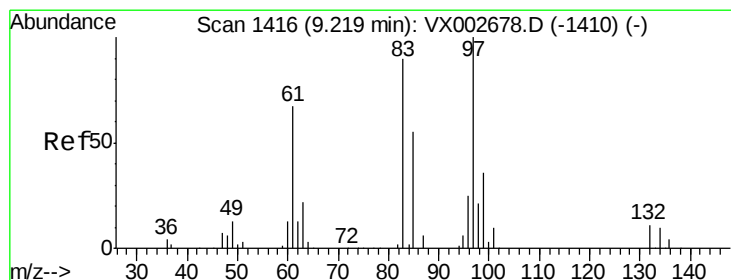
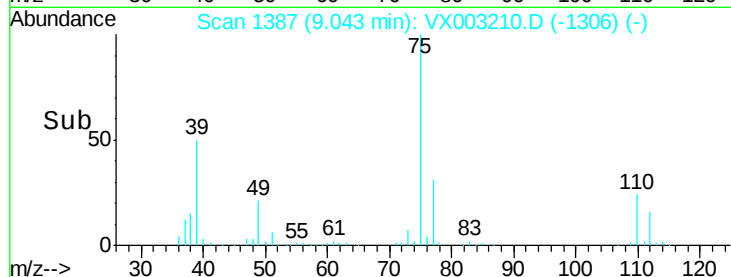
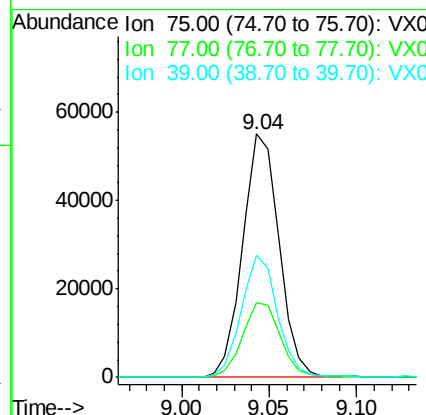
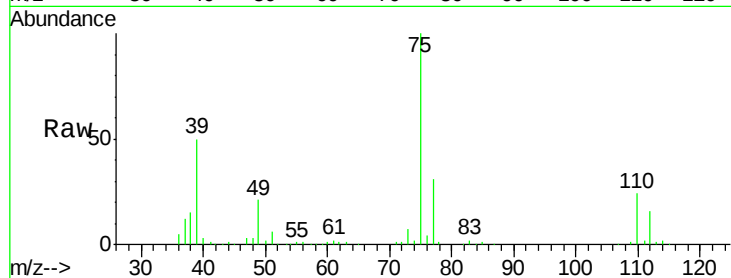


#49

cis-1,3-Dichloropropene
 Concen: 19.633 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

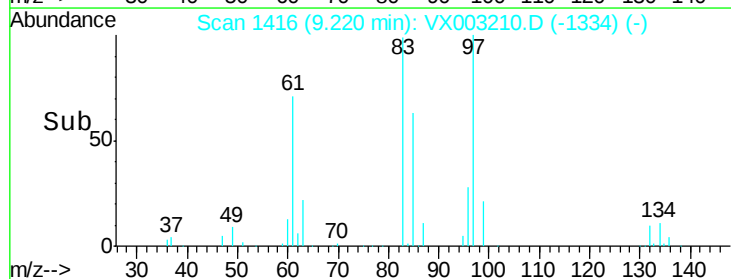
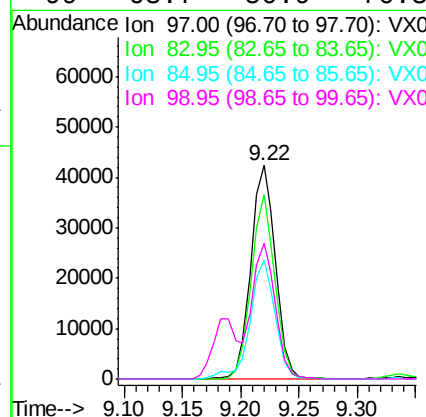
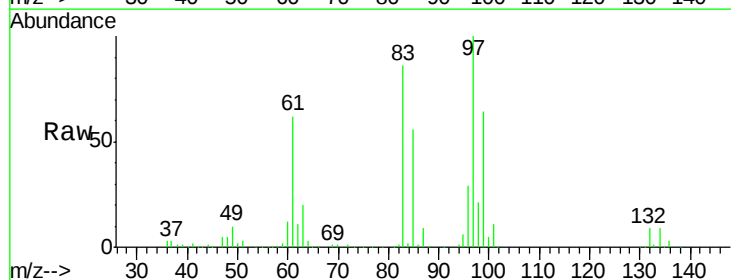
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.2
39	49.7	42.3	63.5

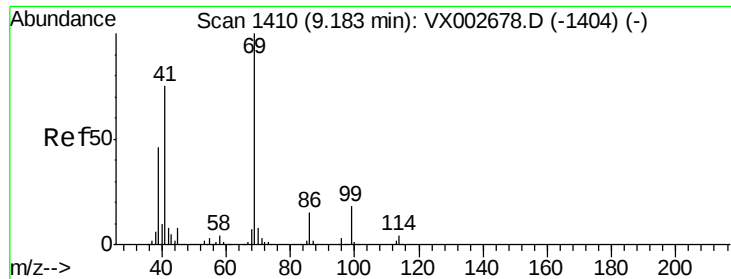


#50

1,1,2-Trichloroethane
 Concen: 21.414 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.8	106.2
85	55.7	43.5	65.3
99	63.7	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.882 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

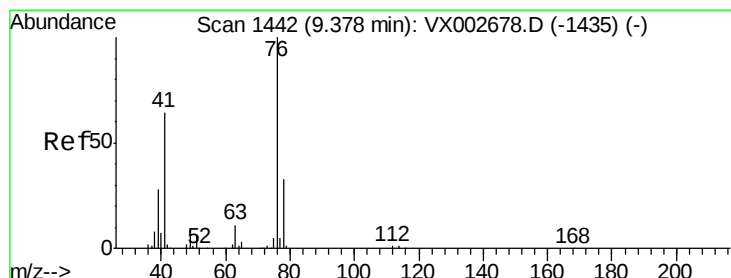
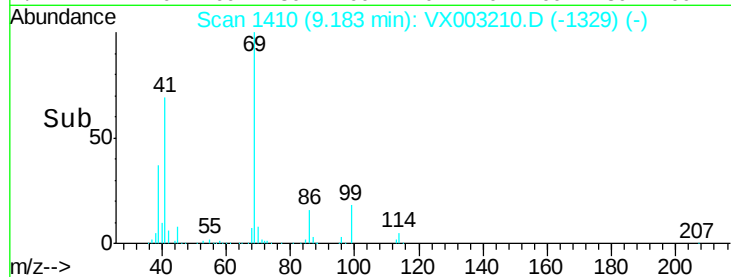
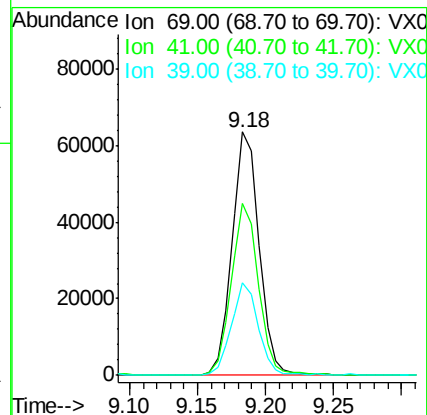
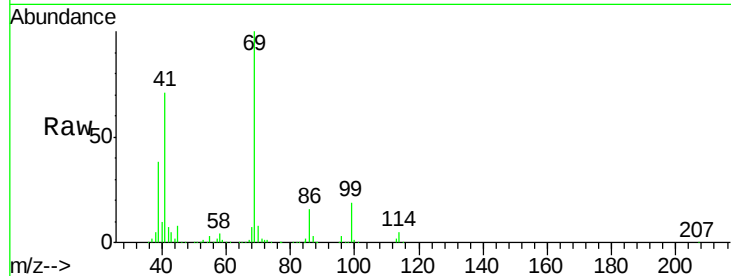
Tot Ion: 69 Resp: 87697

Ion Ratio Lower Upper

69 100

41 70.7 39.1 117.3

39 38.0 21.7 65.1



#52

1,3-Dichloropropane

Concen: 20.907 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003210.D

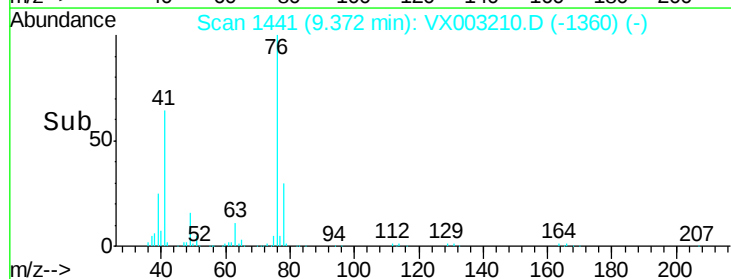
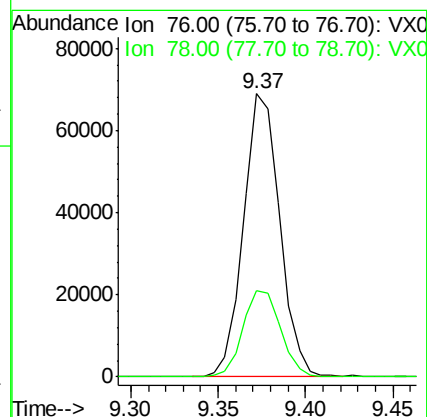
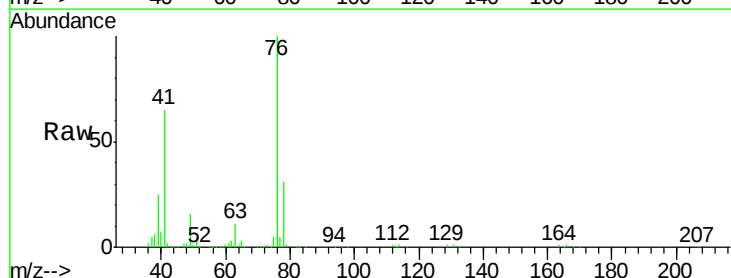
Acq: 06 Jul 2018 12:14

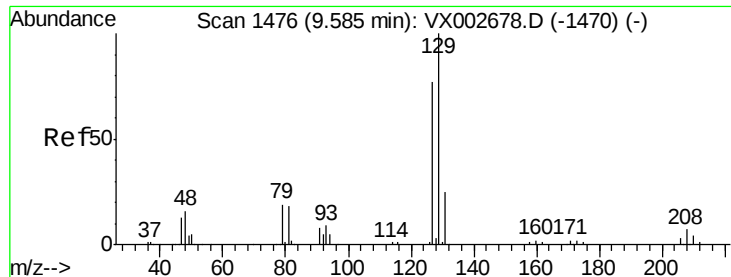
Tgt Ion: 76 Resp: 99781

Ion Ratio Lower Upper

76 100

78 31.7 0.0 63.4

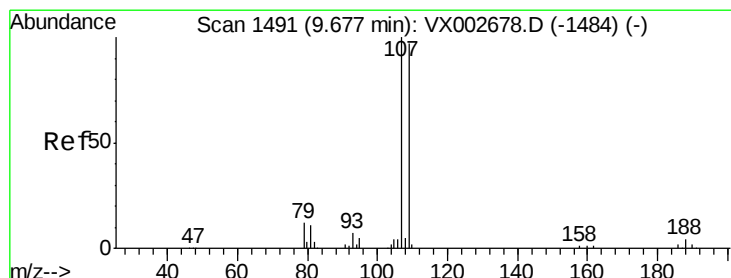
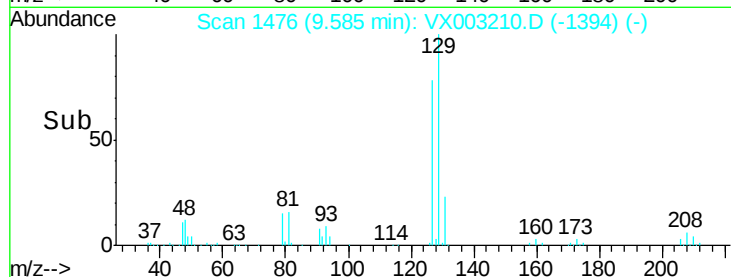
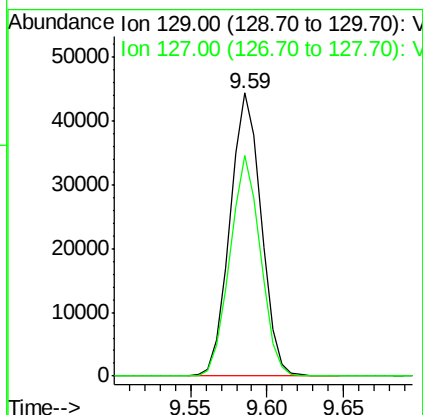
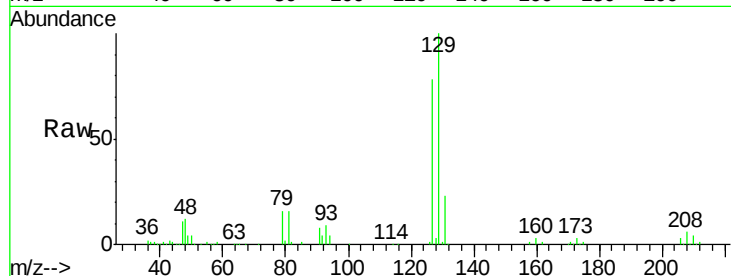




#53
 Dibromochloromethane
 Concen: 20.176 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

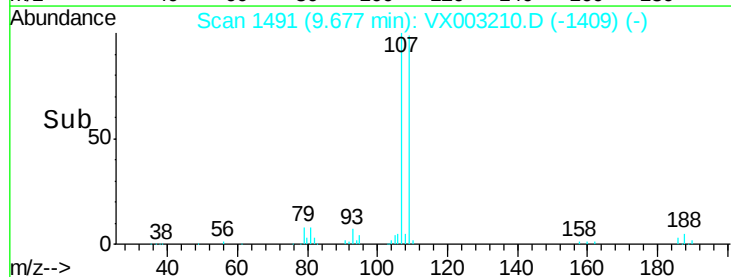
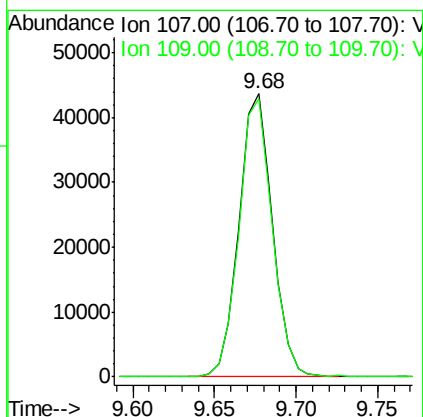
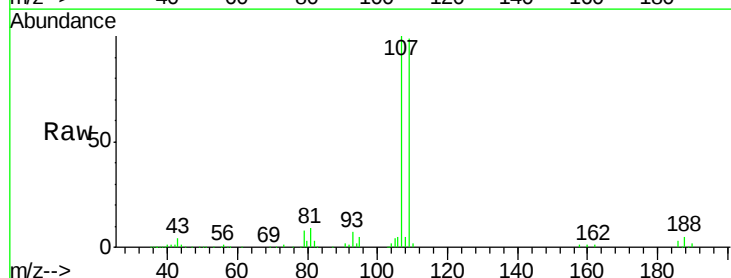
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

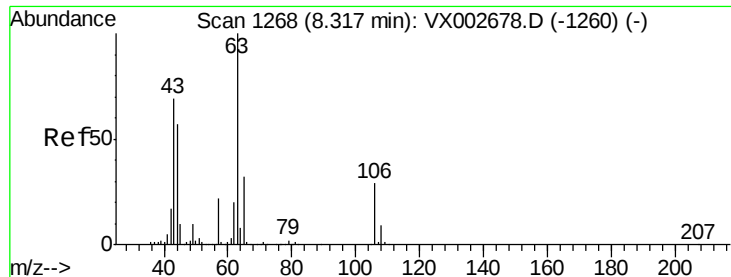
Tot Ion:129 Resp: 62587
 Ion Ratio Lower Upper
 129 100
 127 76.2 38.5 115.3



#54
 1,2-Dibromoethane
 Concen: 20.240 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion:107 Resp: 62325
 Ion Ratio Lower Upper
 107 100
 109 98.2 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 98.829 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

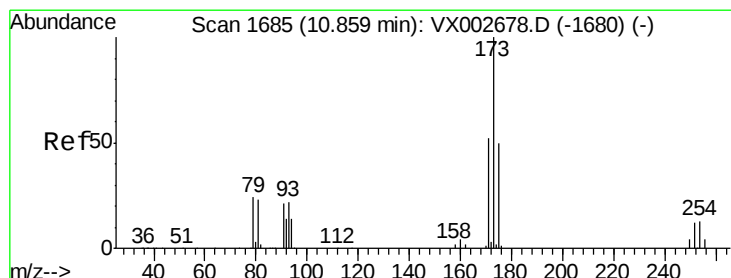
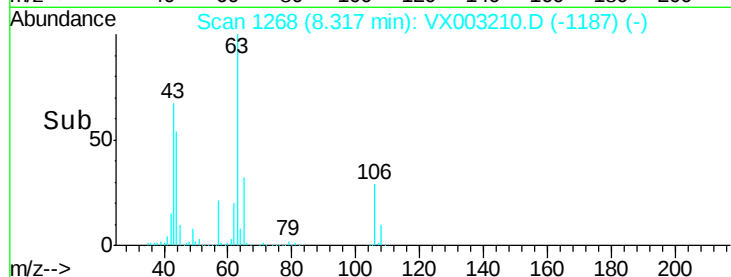
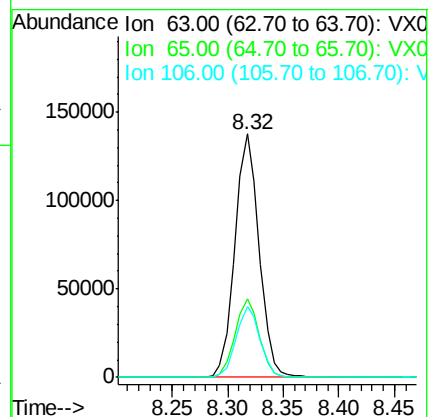
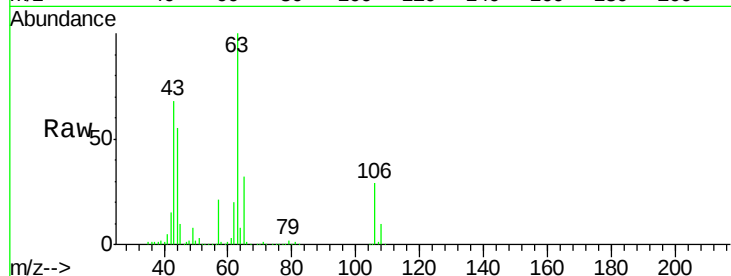
Tot Ion: 63 Resp: 207042

Ion Ratio Lower Upper

63 100

65 32.1 25.6 38.4

106 28.7 21.6 32.4



#56

Bromoform

Concen: 19.402 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

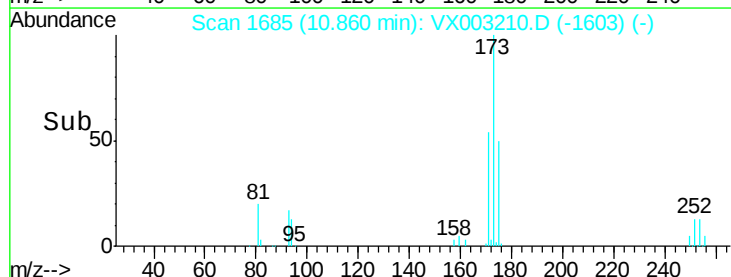
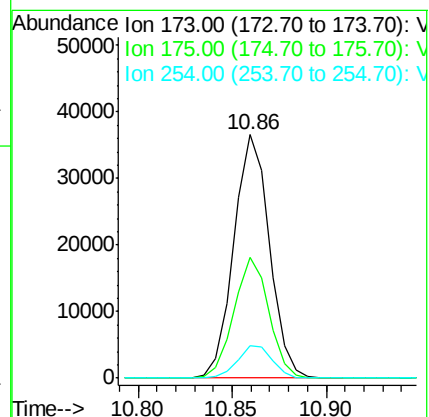
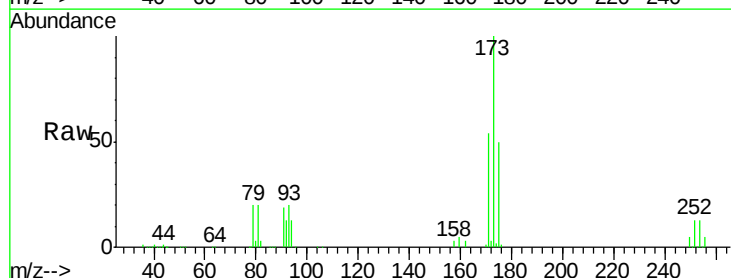
Tgt Ion:173 Resp: 48047

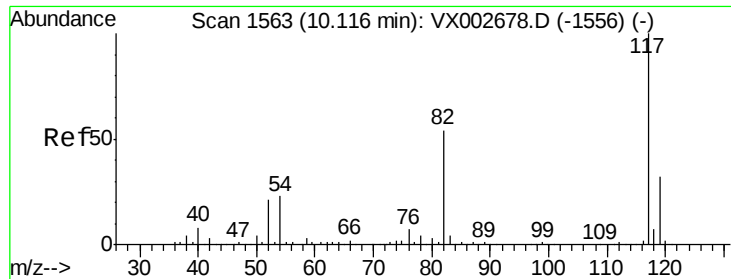
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 12.8 9.6 14.4

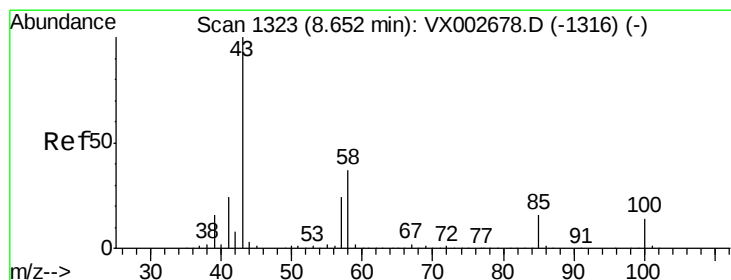
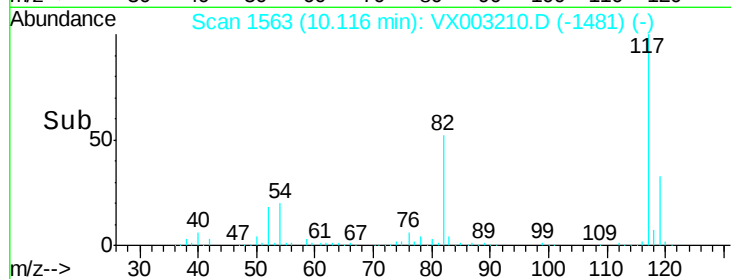
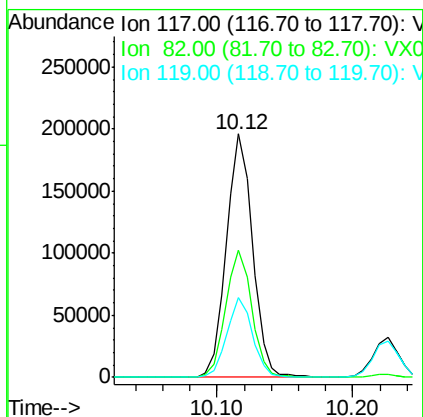
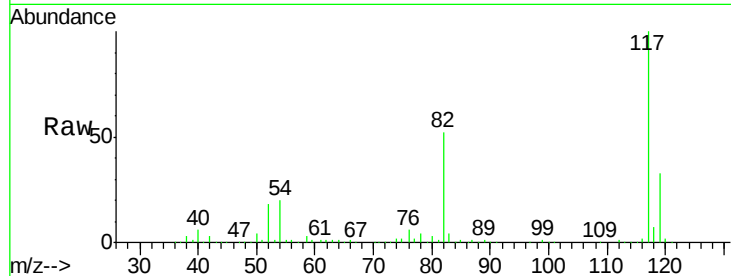




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

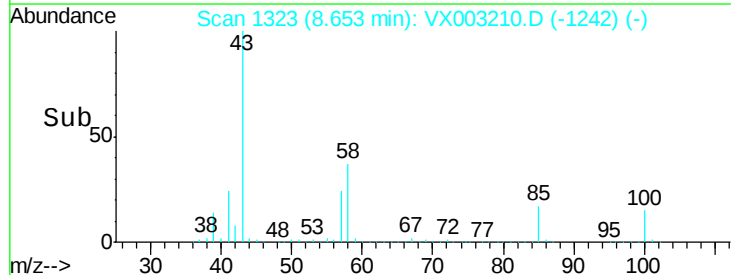
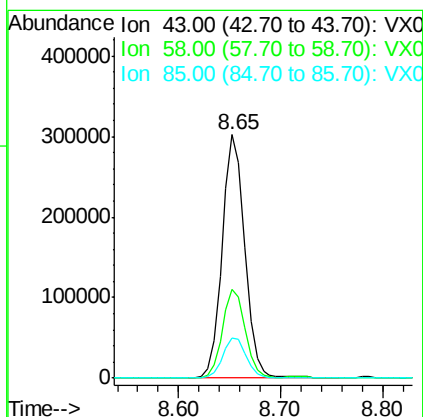
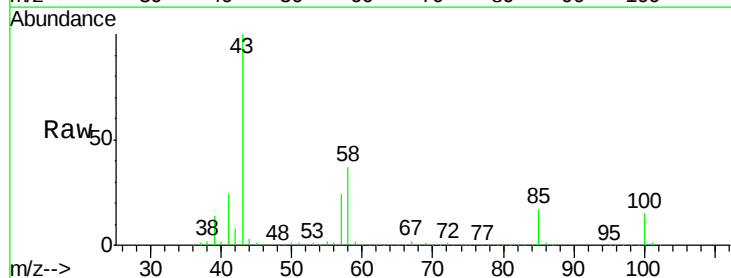
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

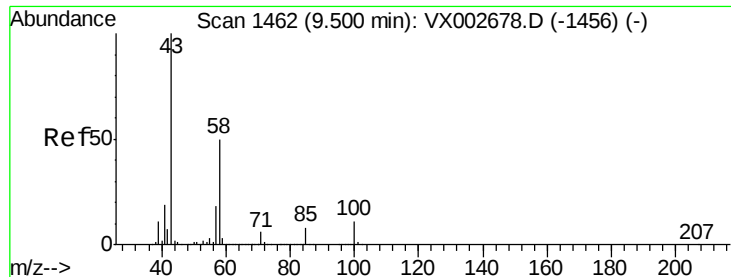
Tot Ion:117 Resp: 262680
Ion Ratio Lower Upper
117 100
82 52.4 44.3 66.5
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 104.575 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 43 Resp: 466392
Ion Ratio Lower Upper
43 100
58 36.8 28.2 42.4
85 16.9 12.4 18.6

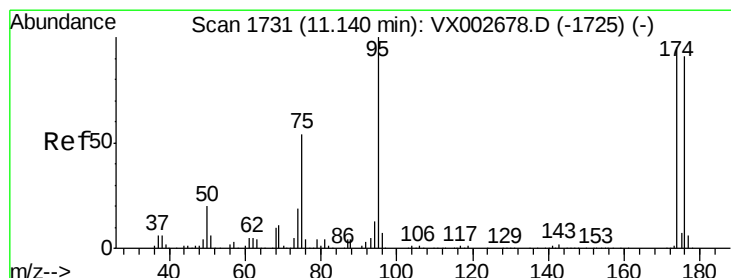
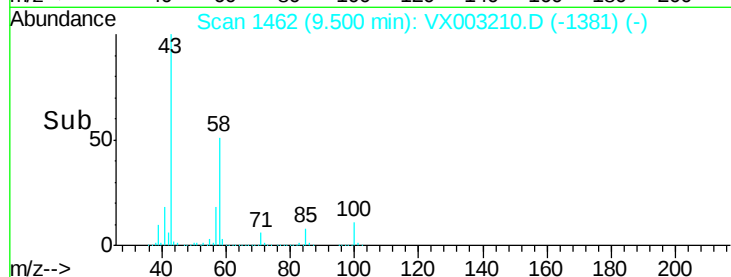
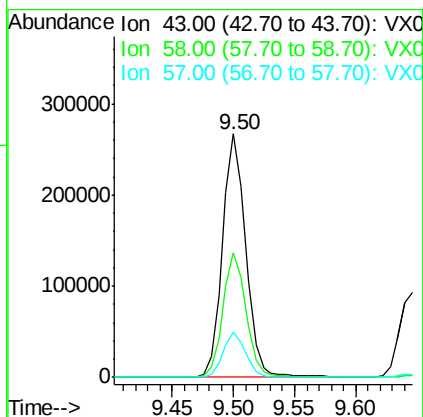
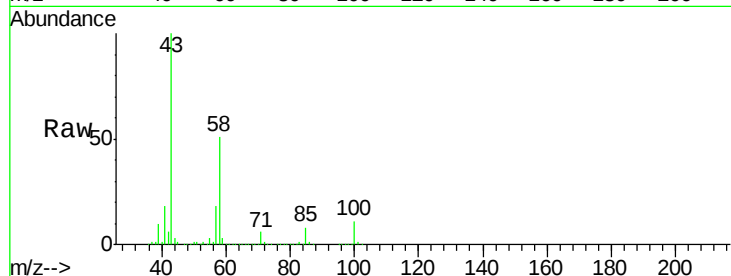




#59
2-Hexanone
Concen: 103.588 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

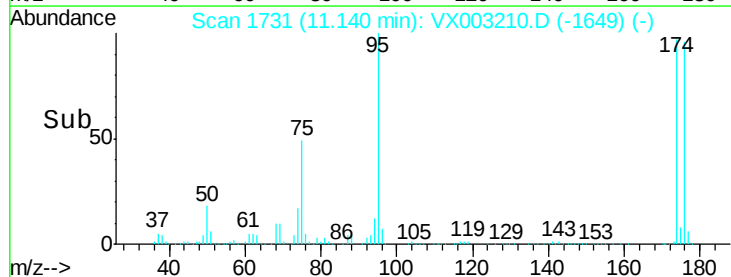
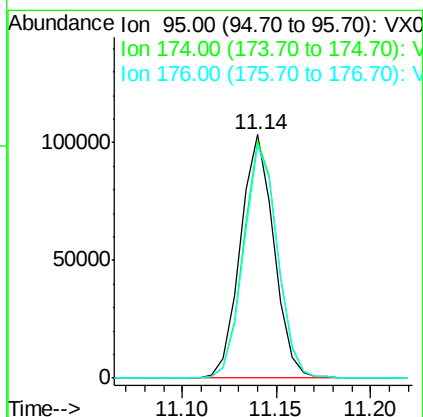
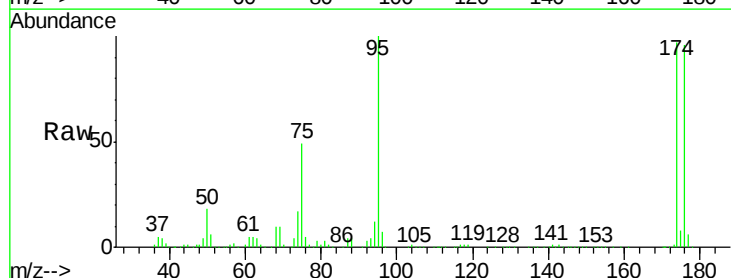
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

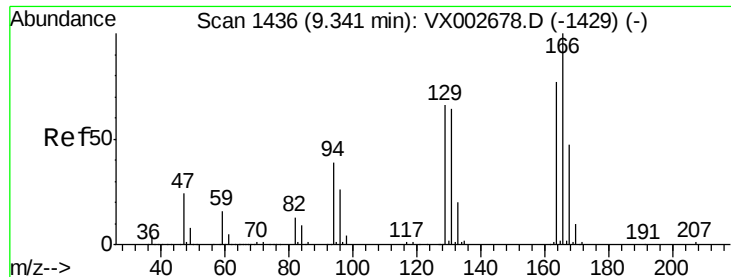
Tot Ion: 43 Resp: 353166
Ion Ratio Lower Upper
43 100
58 51.0 39.6 59.4
57 17.9 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.408 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 95 Resp: 127584
Ion Ratio Lower Upper
95 100
174 98.2 71.8 107.6
176 96.4 70.1 105.1

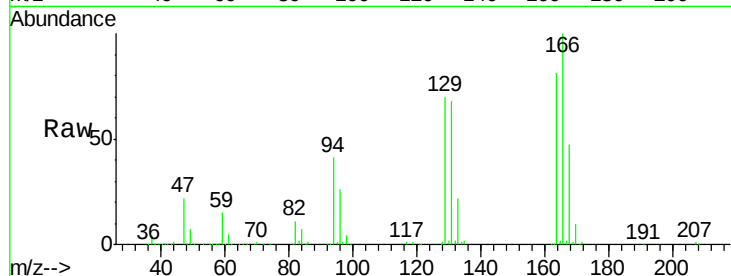




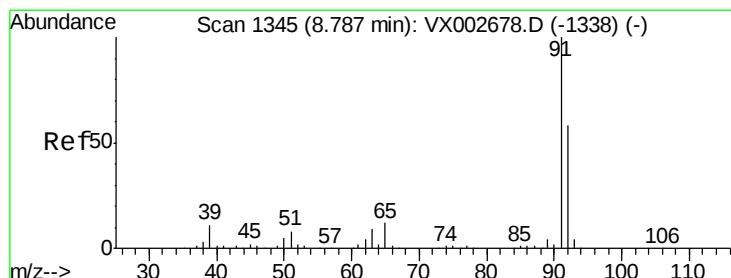
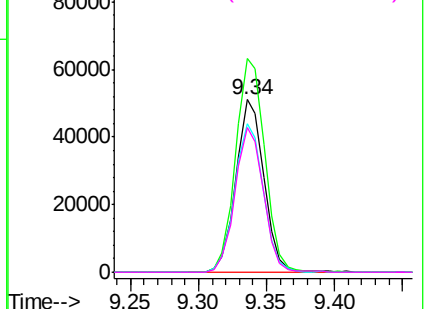
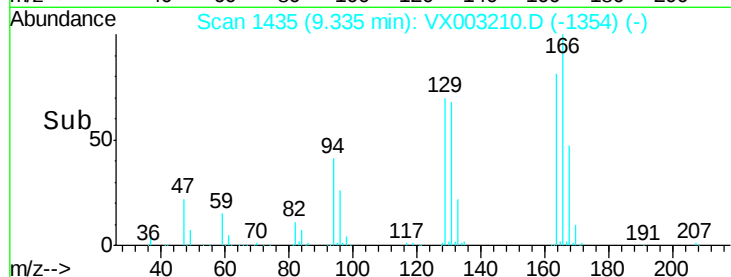
#61
Tetrachloroethene
Concen: 20.347 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:164 Resp: 73351
Ion Ratio Lower Upper
164 100
166 123.9 102.4 153.6
129 86.2 70.1 105.1
131 83.8 69.1 103.7

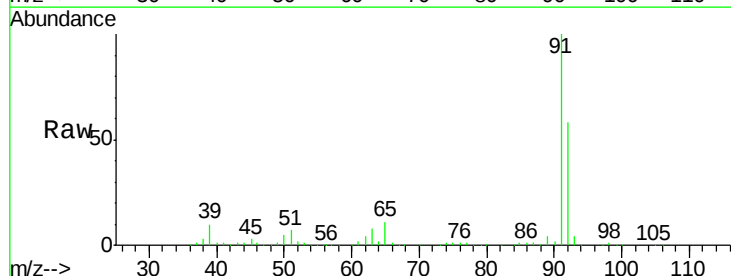


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

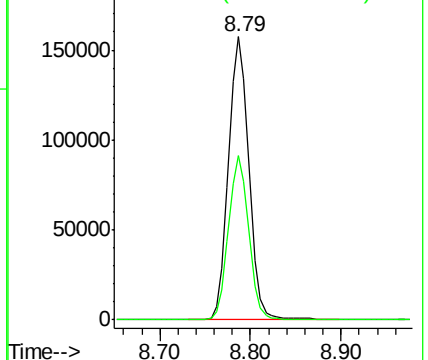
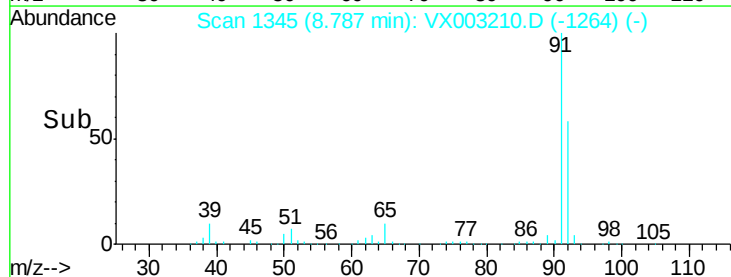


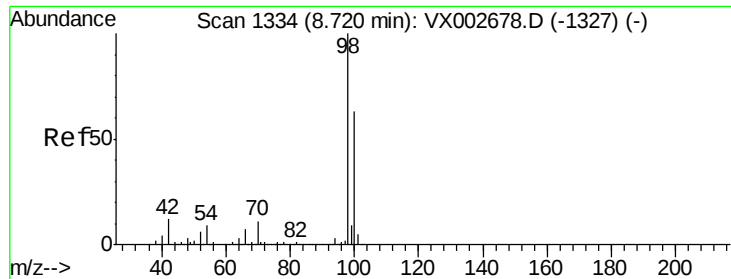
#62
Toluene
Concen: 19.453 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 91 Resp: 246306
Ion Ratio Lower Upper
91 100
92 57.3 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

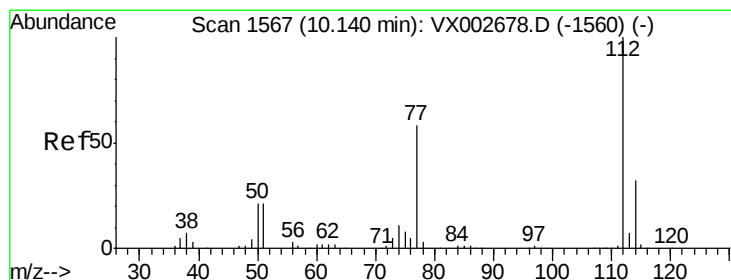
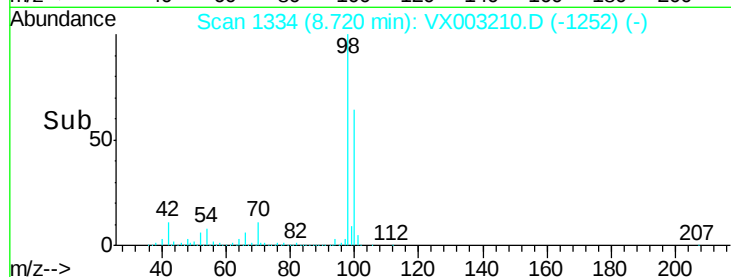
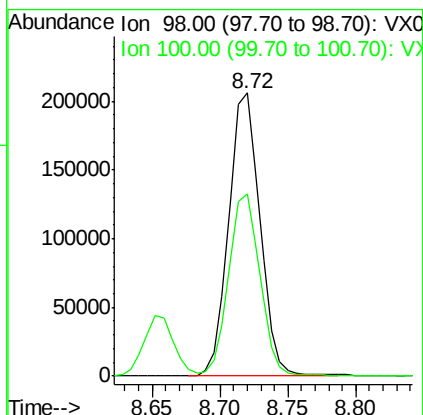
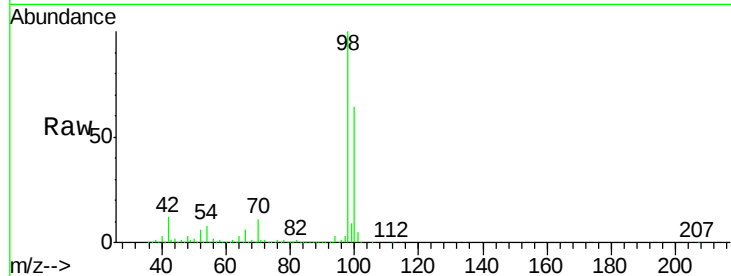




#63
Toluene-d8
Concen: 28.726 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

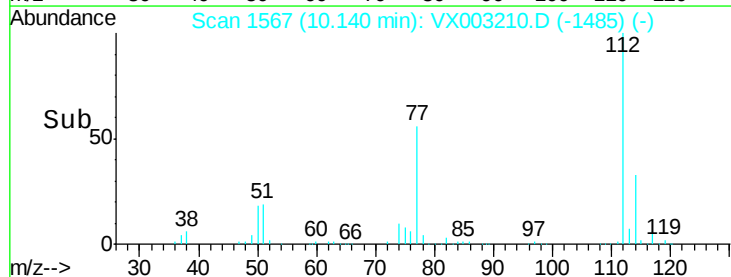
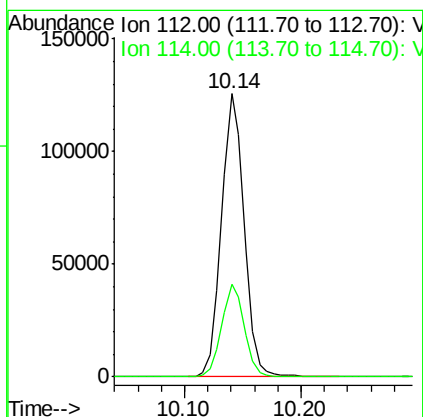
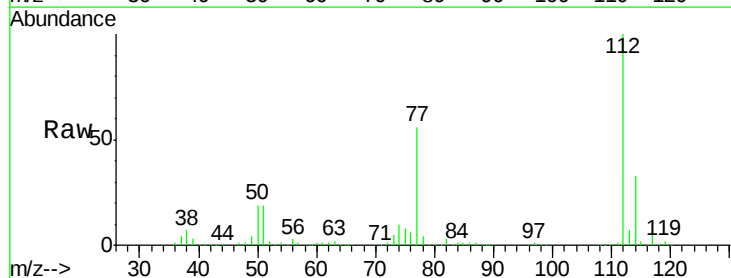
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

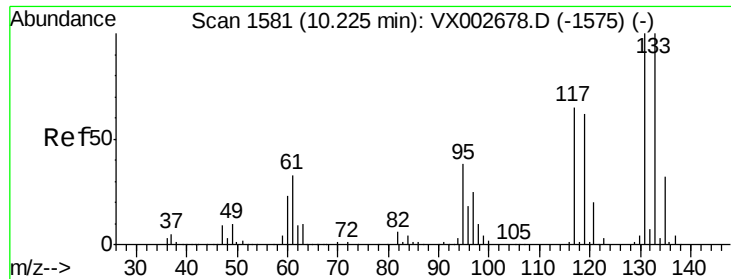
Tot Ion: 98 Resp: 329614
Ion Ratio Lower Upper
98 100
100 64.2 50.8 76.2



#64
Chlorobenzene
Concen: 20.116 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion: 112 Resp: 169228
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4

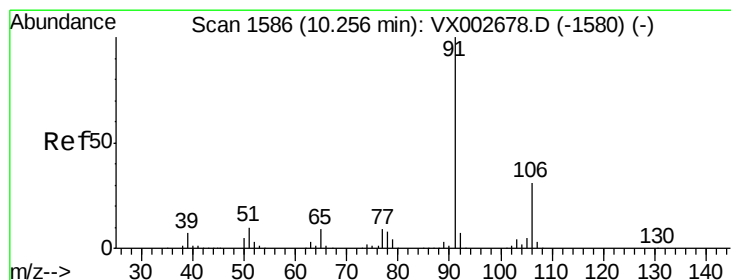
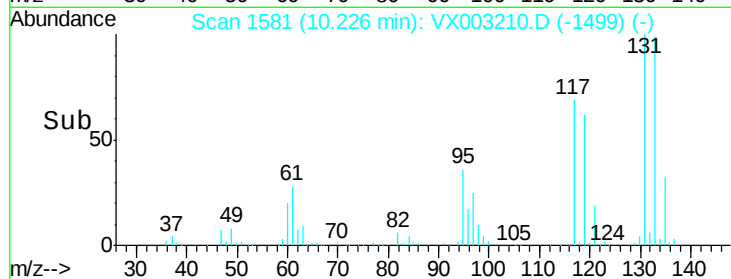
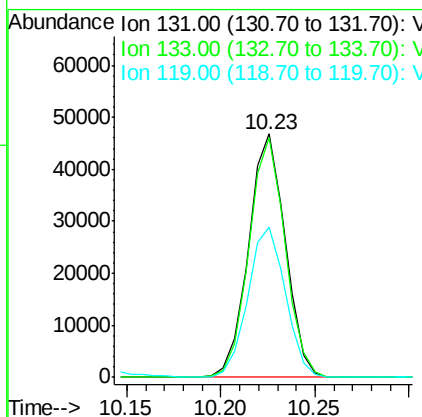
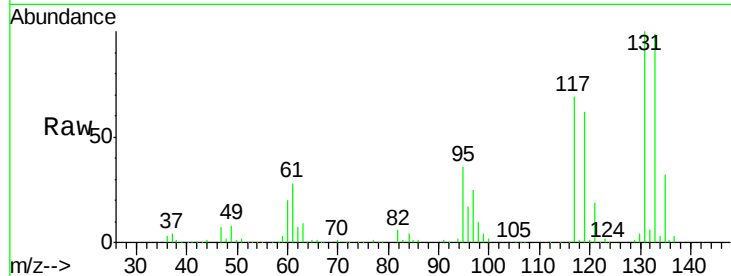




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.503 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

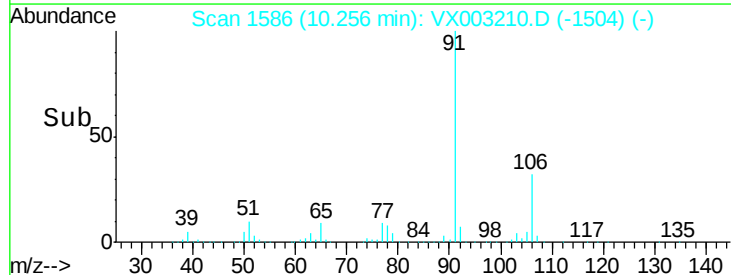
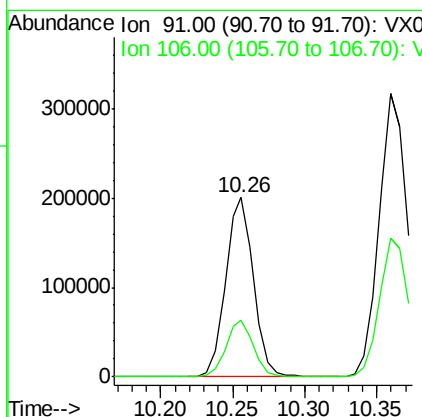
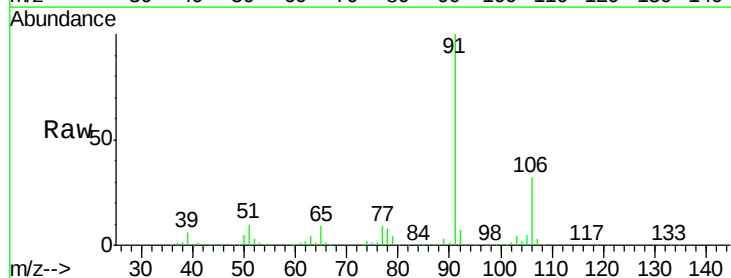
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

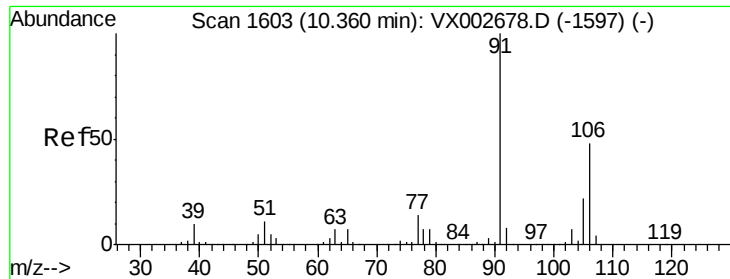
Tot Ion:131 Resp: 63221
 Ion Ratio Lower Upper
 131 100
 133 96.5 0.0 191.2
 119 63.2 0.0 125.4



#66
 Ethyl Benzene
 Concen: 18.979 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion: 91 Resp: 270633
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.2 37.8

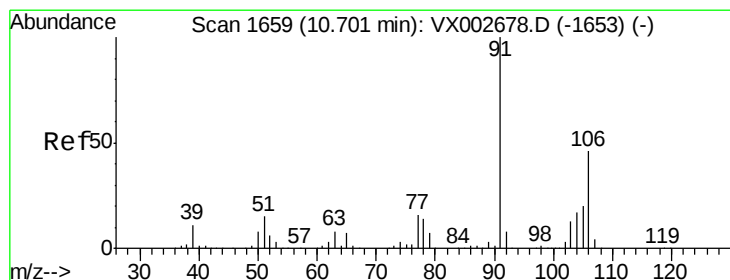
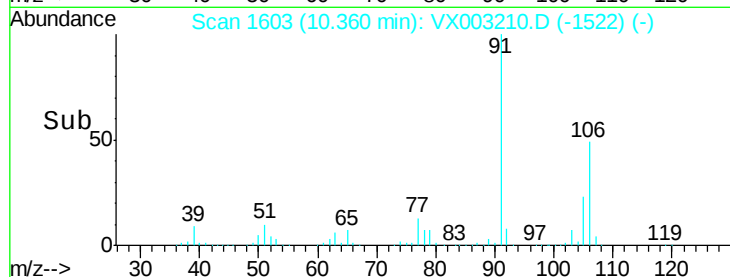
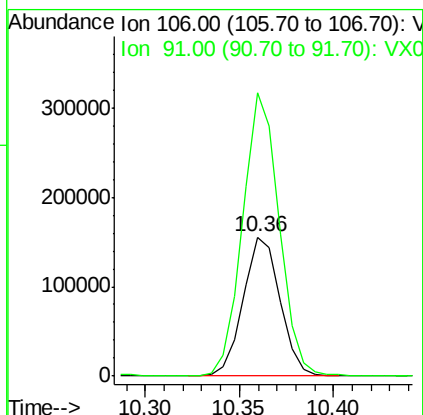
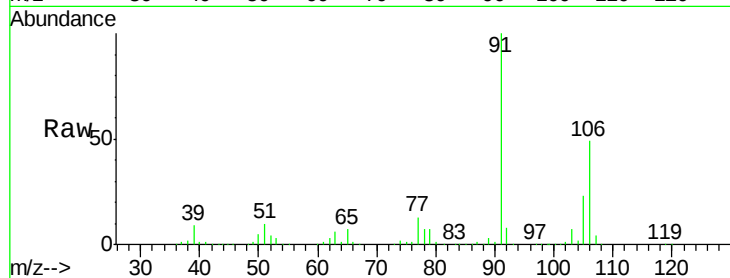




#67
m/p-Xylenes
Concen: 38.003 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

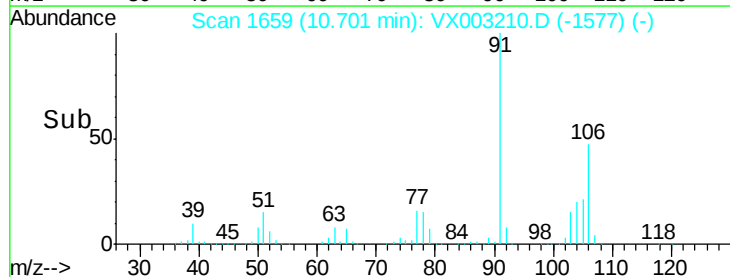
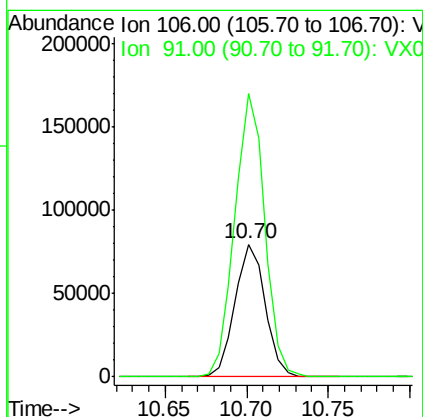
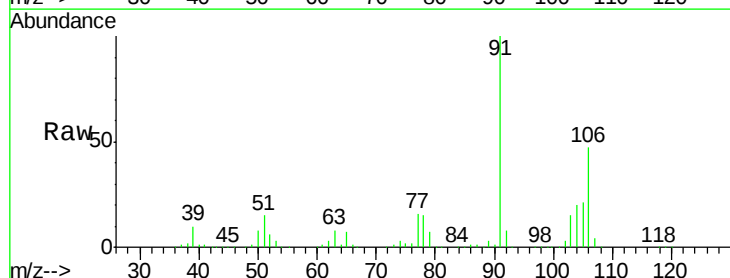
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

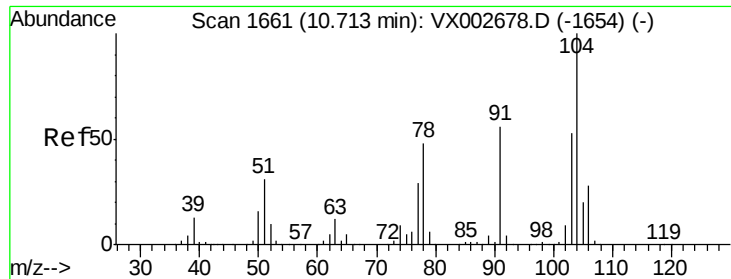
Tot Ion:106 Resp: 210596
Ion Ratio Lower Upper
106 100
91 201.0 164.1 246.1



#68
o-Xylene
Concen: 19.072 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion:106 Resp: 102968
Ion Ratio Lower Upper
106 100
91 212.2 109.1 327.3

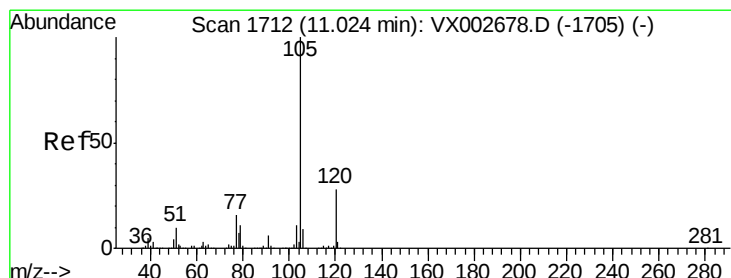
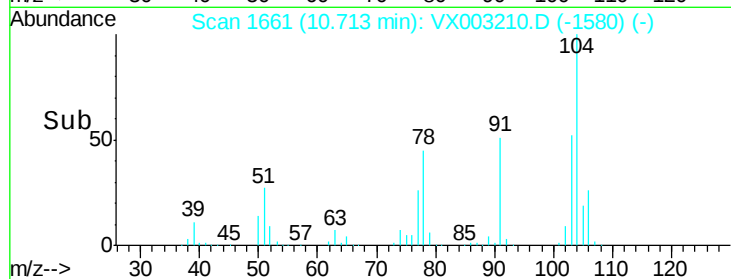
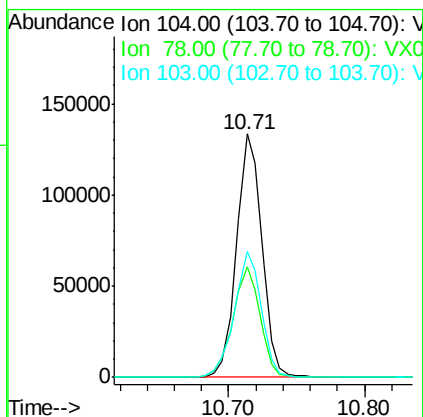
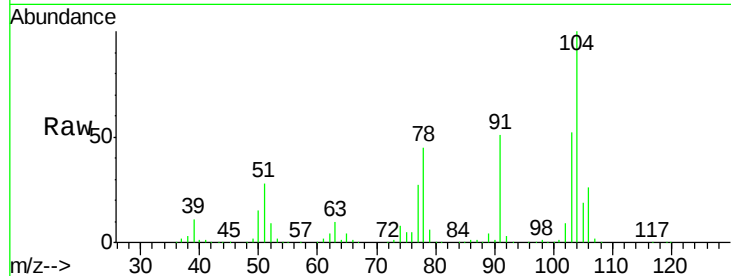




#69
Stvrene
Concen: 19.265 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

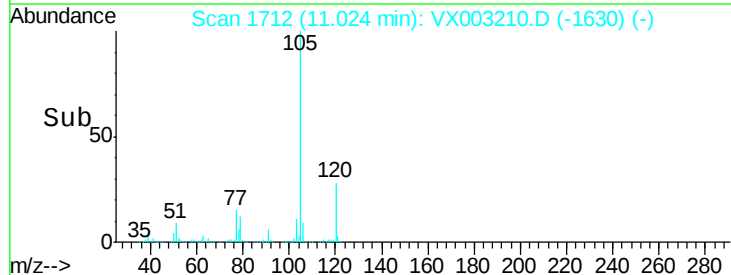
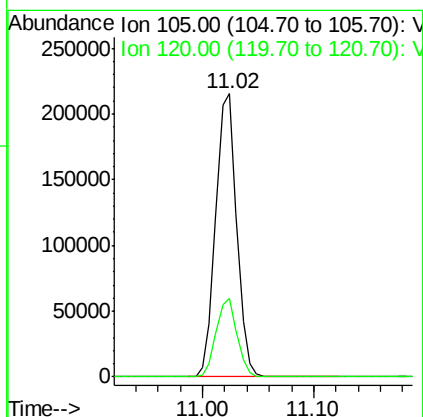
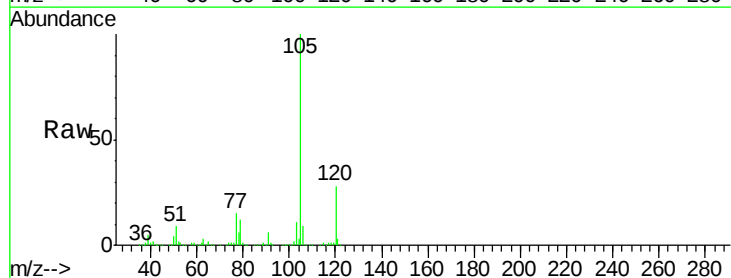
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

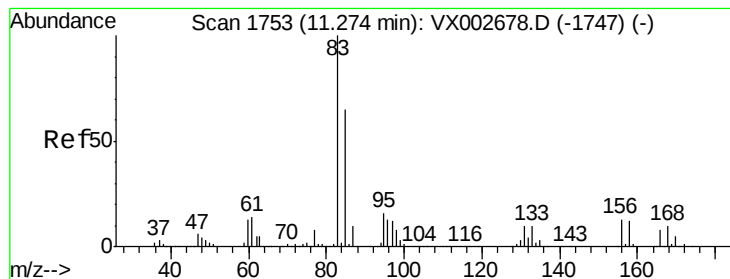
Tot Ion:104 Resp: 173531
Ion Ratio Lower Upper
104 100
78 48.8 41.8 62.8
103 54.7 44.9 67.3



#70
Isopropylbenzene
Concen: 18.986 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion:105 Resp: 282653
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 20.454 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

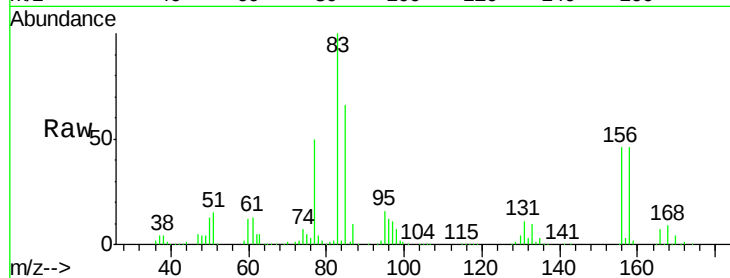
Tot Ion: 83 Resp: 91027

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

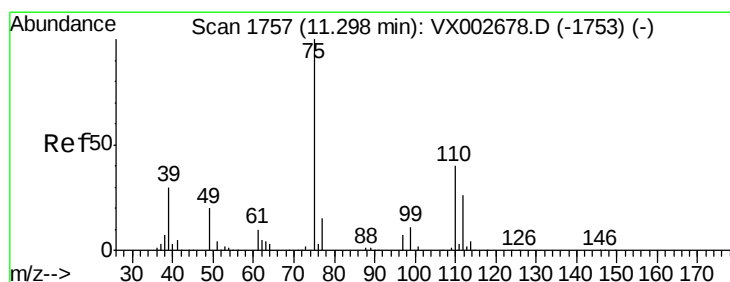
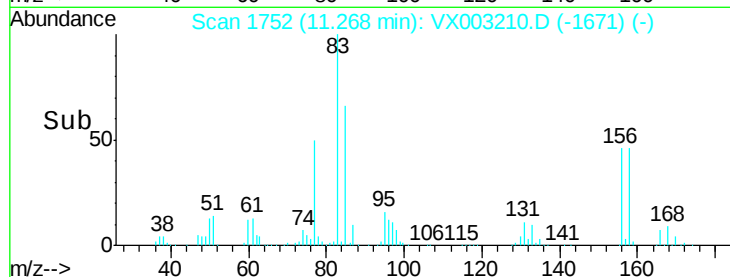
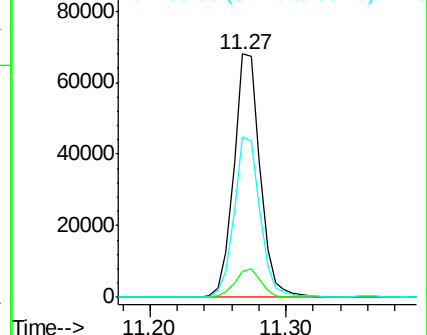
85 65.3 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.993 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX003210.D

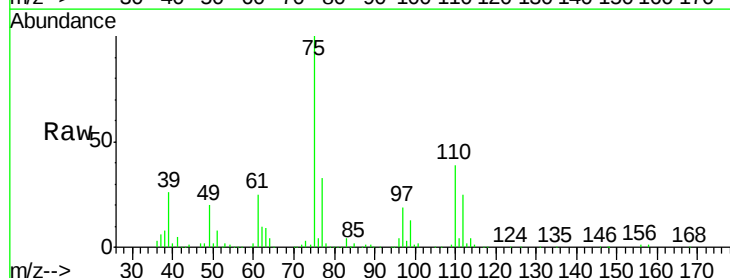
Acq: 06 Jul 2018 12:14

Tgt Ion: 75 Resp: 104137

Ion Ratio Lower Upper

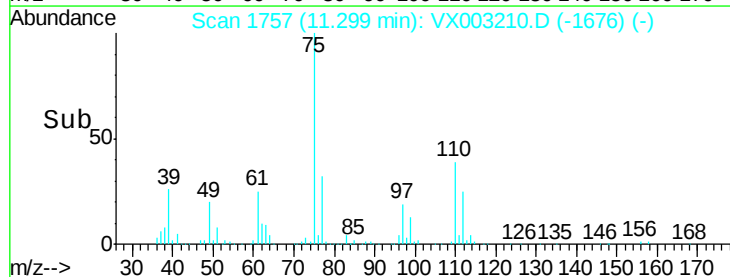
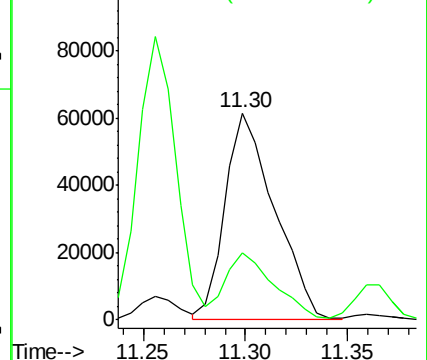
75 100

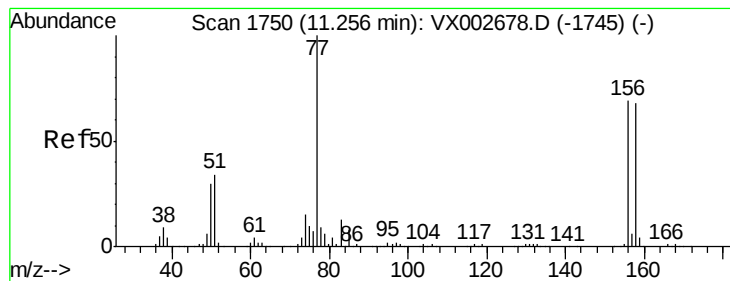
77 32.0 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.627 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

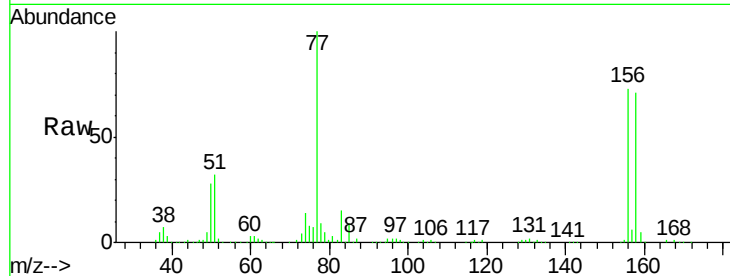
Tot Ion:156 Resp: 81259

Ion Ratio Lower Upper

156 100

77 134.3 0.0 301.0

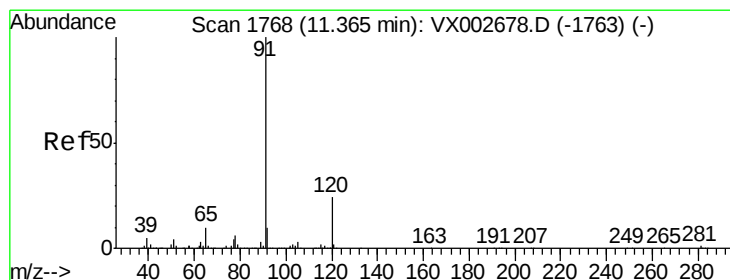
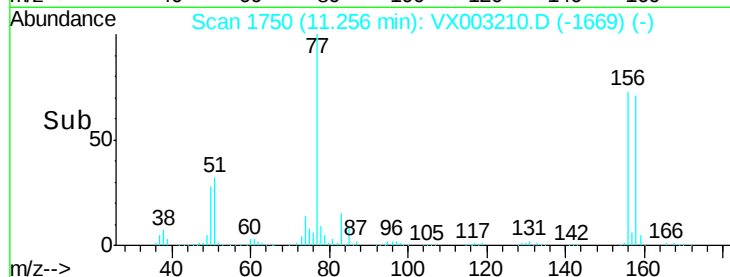
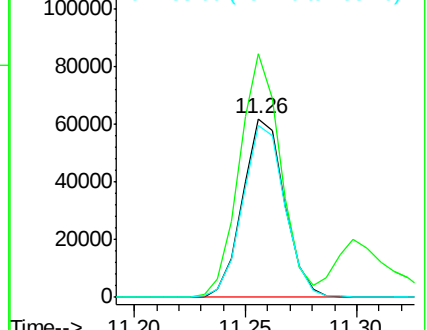
158 97.4 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.594 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003210.D

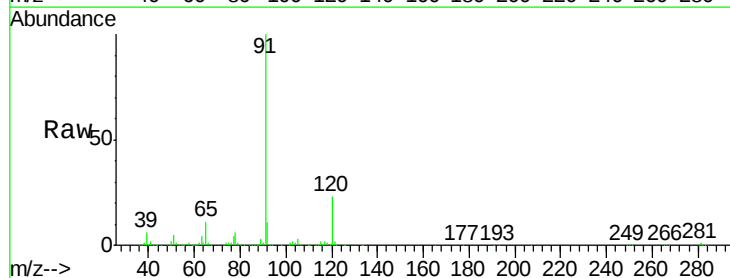
Acq: 06 Jul 2018 12:14

Tgt Ion: 91 Resp: 321337

Ion Ratio Lower Upper

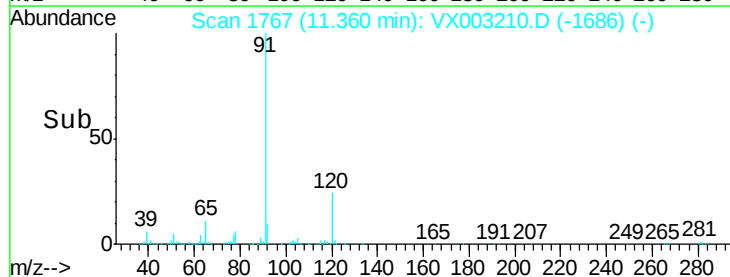
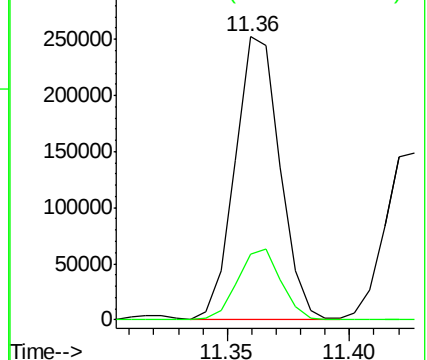
91 100

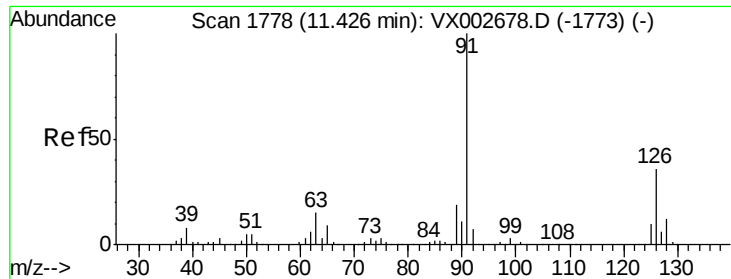
120 24.4 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.295 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

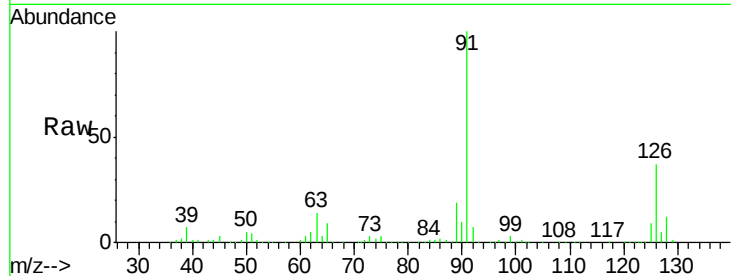
VSTDCCC020

Tot Ion: 91 Resp: 194059

Ion Ratio Lower Upper

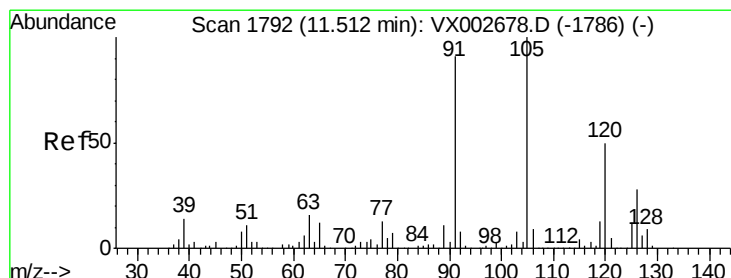
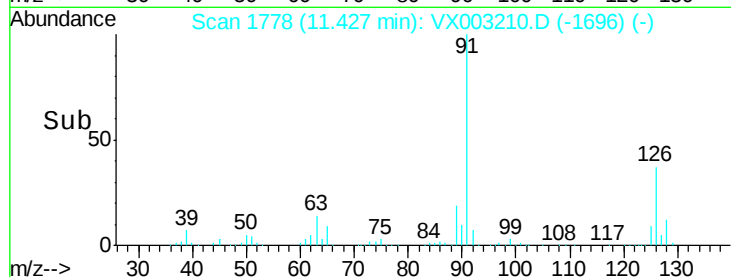
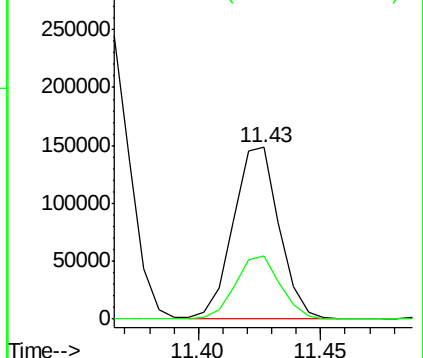
91 100

126 35.9 0.0 69.4



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: 18.765 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003210.D

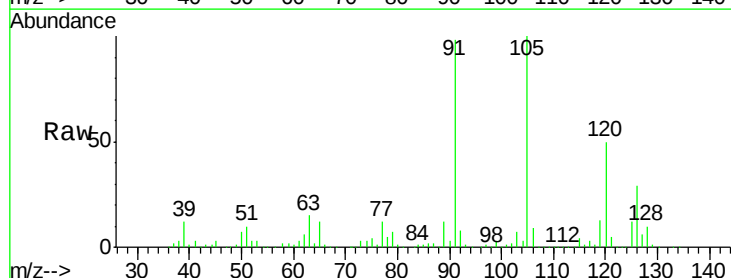
Acq: 06 Jul 2018 12:14

Tgt Ion:105 Resp: 237209

Ion Ratio Lower Upper

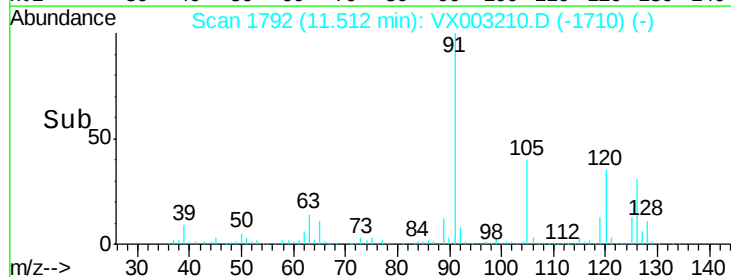
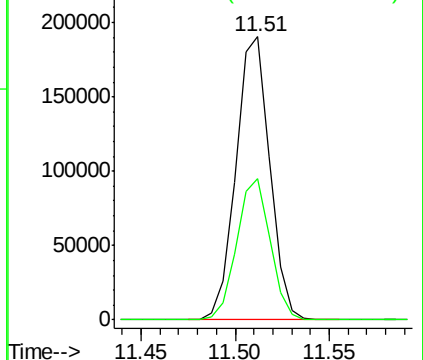
105 100

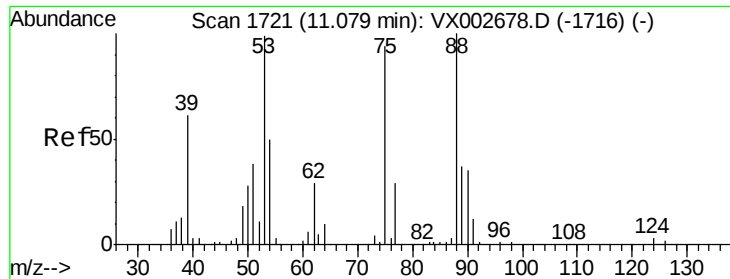
120 49.5 0.0 96.8



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: 17.870 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

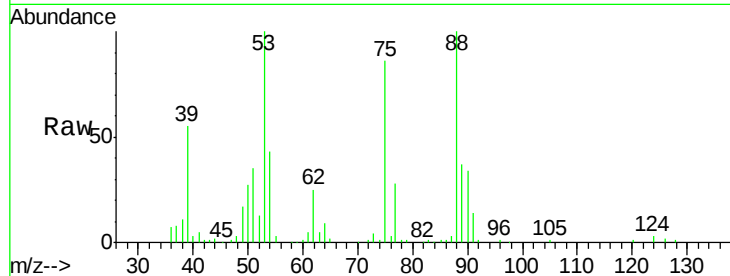
Tot Ion: 75 Resp: 22174

Ion Ratio Lower Upper

75 100

53 116.4 48.3 144.9

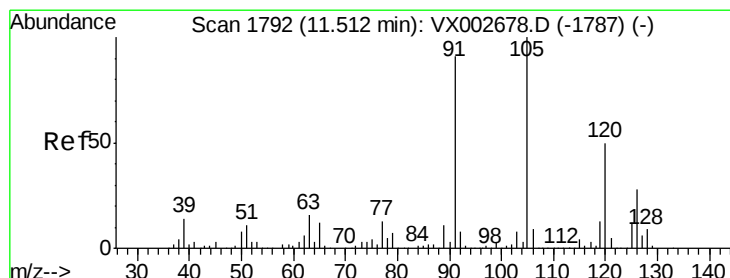
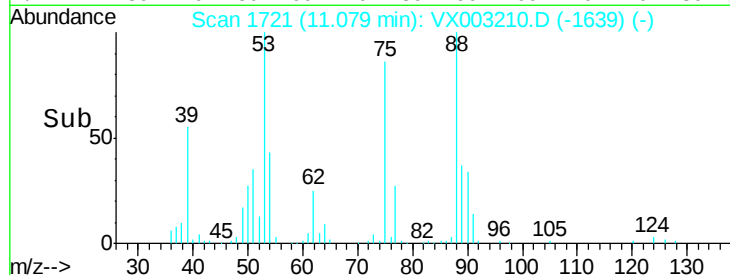
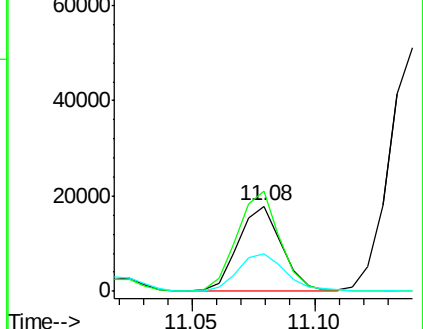
89 43.0 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.033 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003210.D

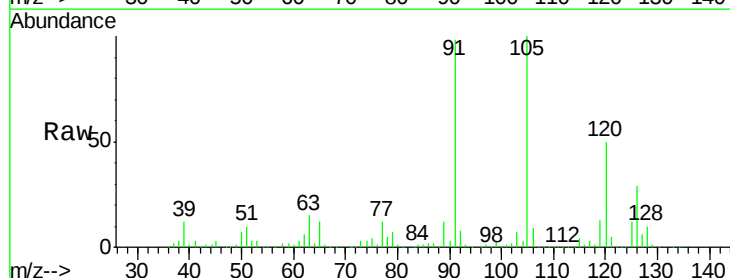
Acq: 06 Jul 2018 12:14

Tgt Ion: 91 Resp: 226774

Ion Ratio Lower Upper

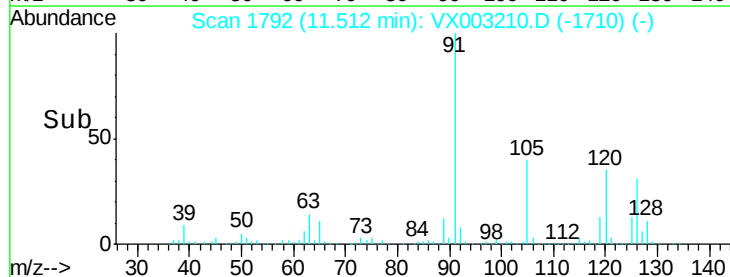
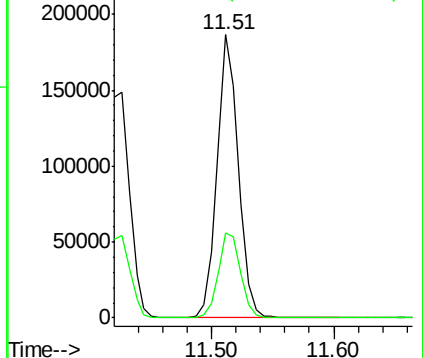
91 100

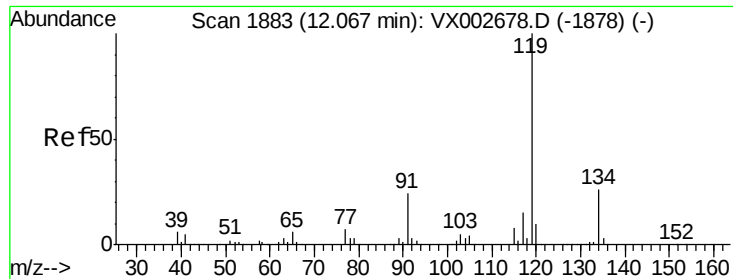
126 31.2 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

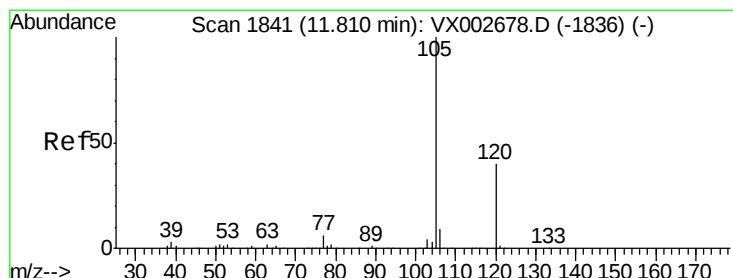
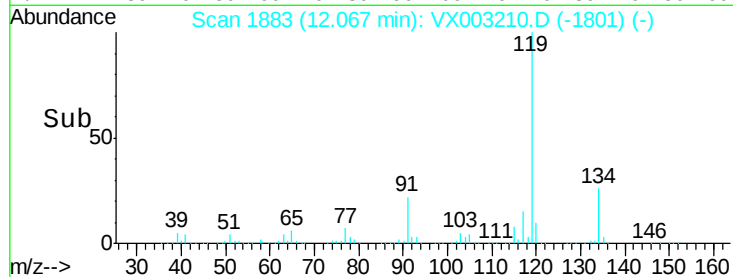
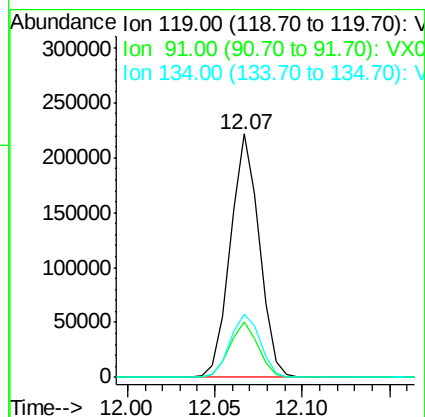
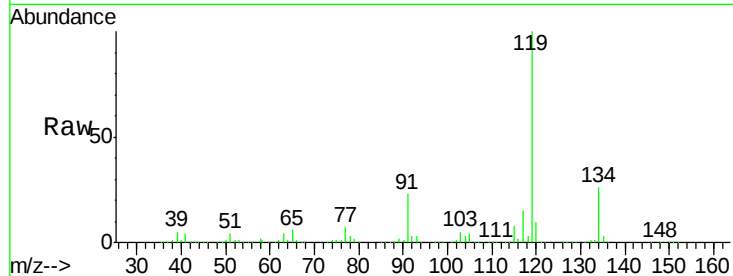




#79
tert-butylbenzene
Concen: 18.258 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

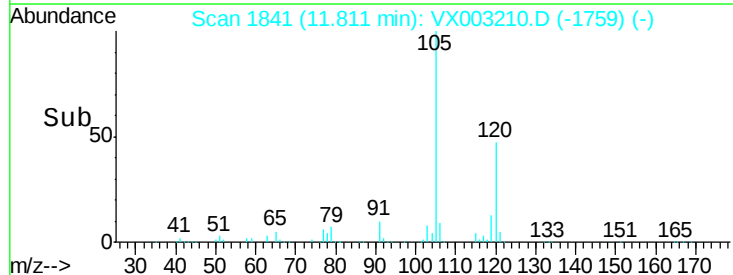
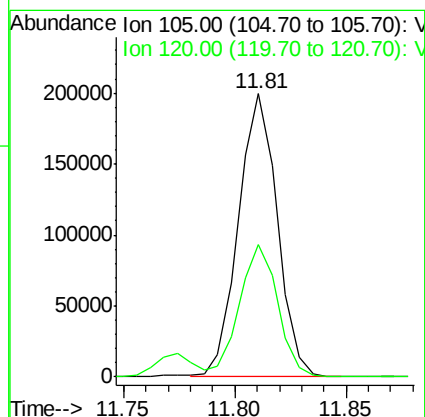
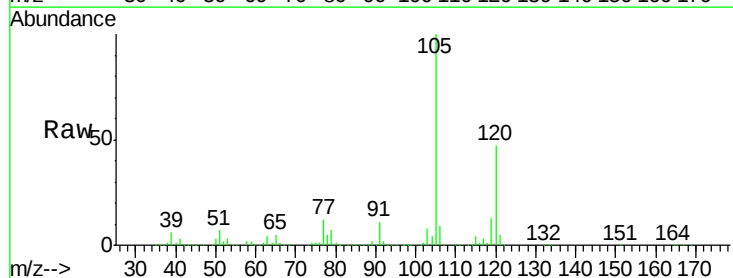
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

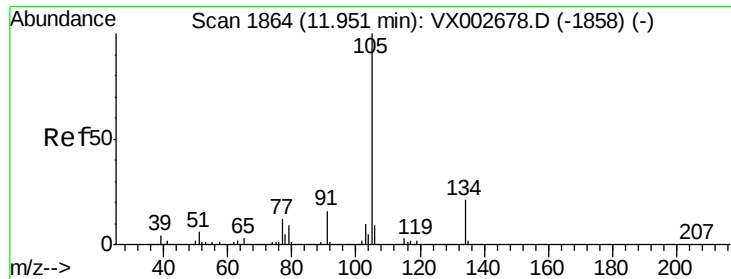
Tot Ion:119 Resp: 254550
Ion Ratio Lower Upper
119 100
91 22.4 0.0 48.0
134 27.0 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 18.723 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion:105 Resp: 241679
Ion Ratio Lower Upper
105 100
120 46.5 0.0 89.2

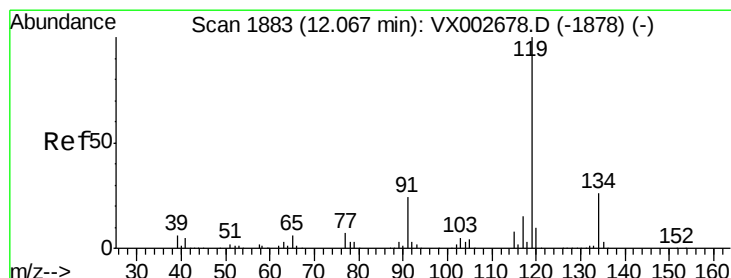
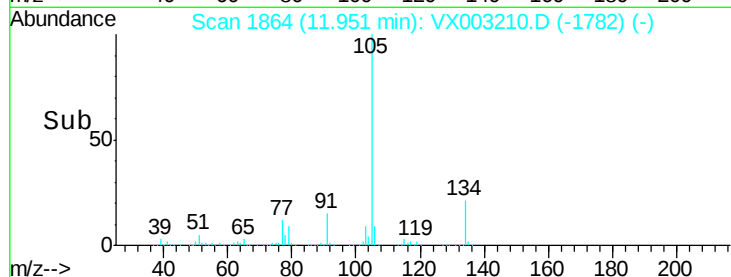
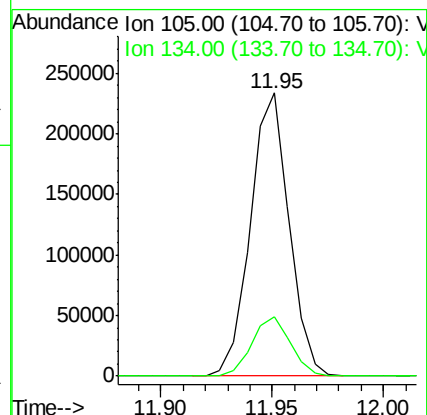
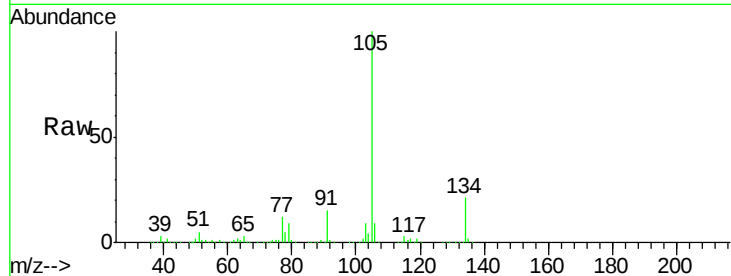




#81
 sec-Butylbenzene
 Concen: 18.259 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

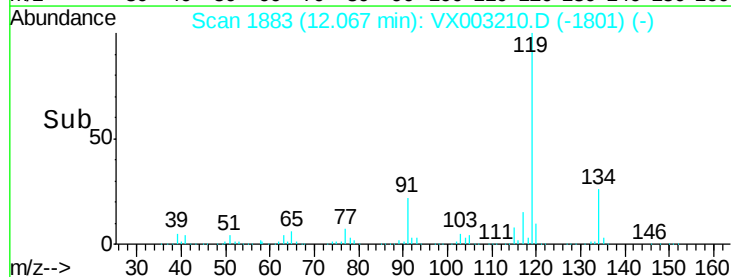
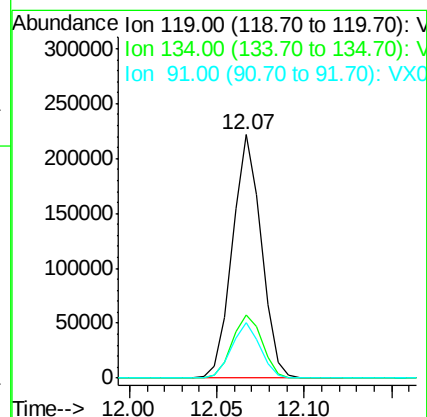
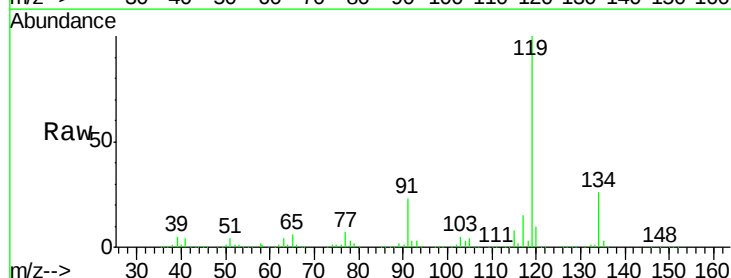
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

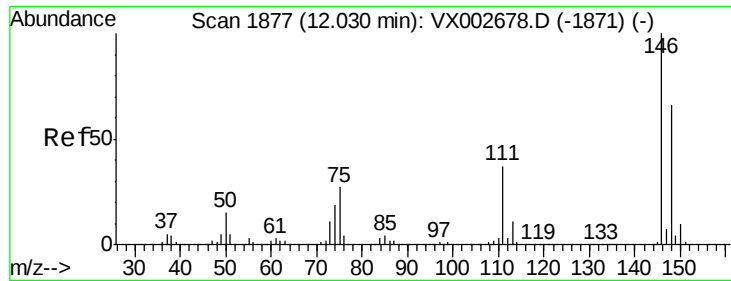
Tot Ion:105 Resp: 282346
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 18.258 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion:119 Resp: 254550
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 52.6
 91 22.4 0.0 48.0

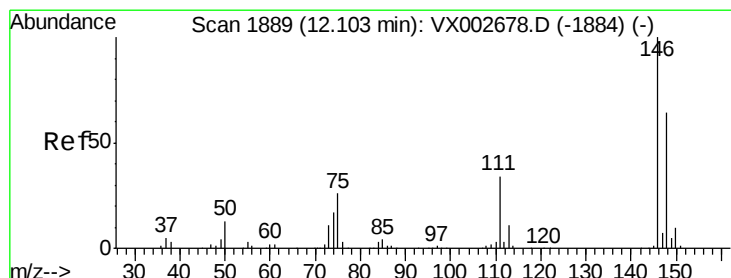
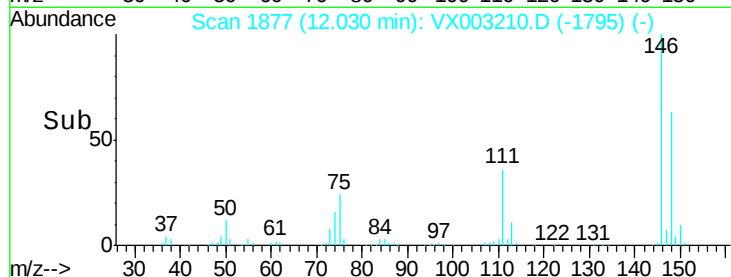
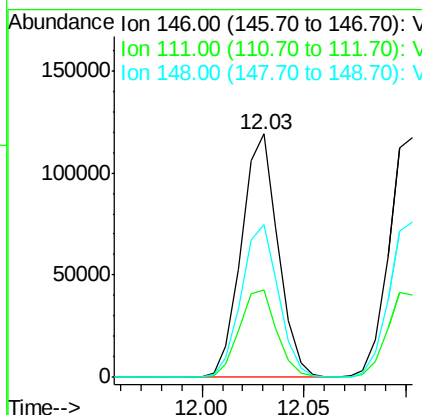
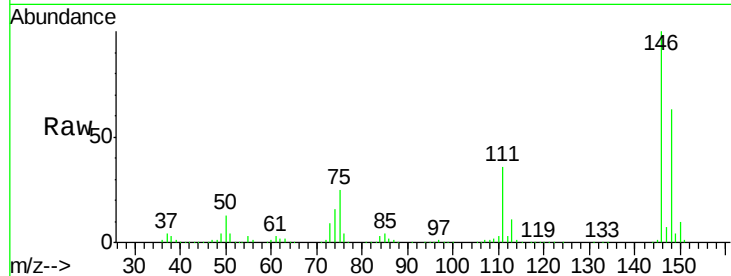




#83
 1,3-Dichlorobenzene
 Concen: 19.508 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

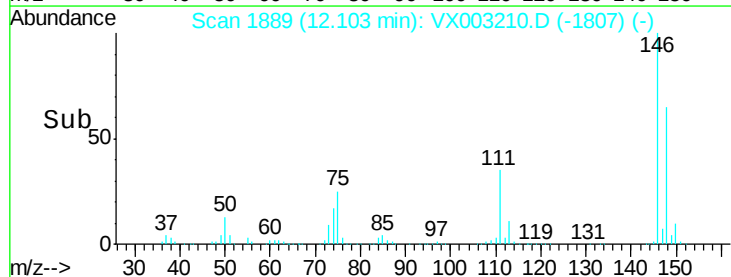
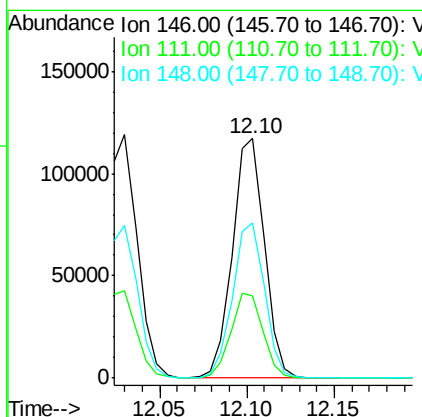
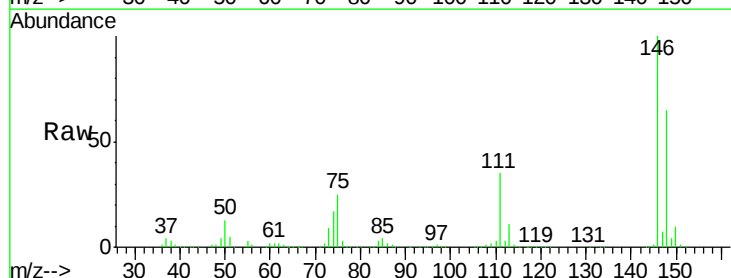
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

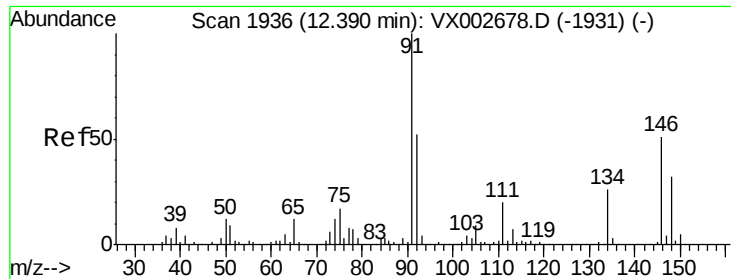
Tot Ion:146 Resp: 148625
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.1 57.5
 148 63.6 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.454 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion:146 Resp: 149699
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.5 55.5
 148 64.6 32.0 96.0





#85

n-Butylbenzene

Concen: 17.191 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003210.D

Acq: 06 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

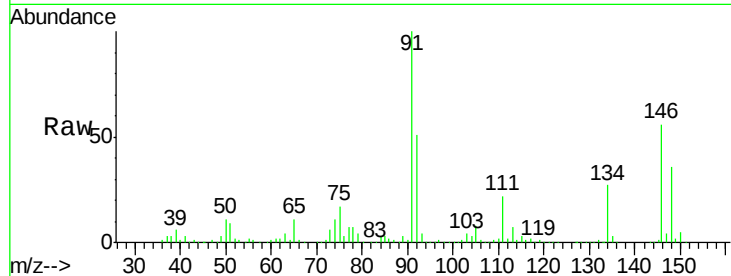
Tot Ion: 91 Resp: 212449

Ion Ratio Lower Upper

91 100

92 51.7 0.0 105.2

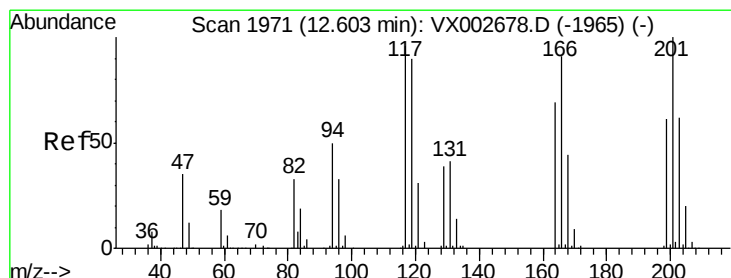
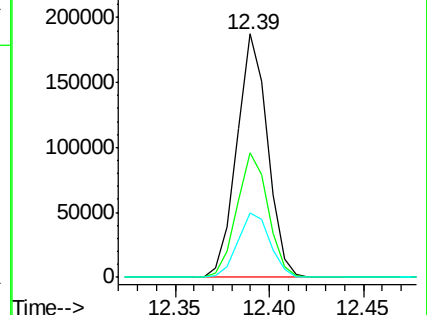
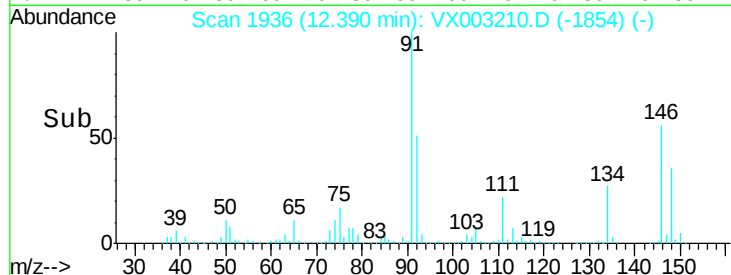
134 27.9 0.0 53.2



Abundance Ion 91.00 (90.70 to 91.70): VX003210.D (-1938) (-)

Ion 92.00 (91.70 to 92.70): VX003210.D (-1938) (-)

Ion 134.00 (133.70 to 134.70): VX003210.D (-1938) (-)



#86

Hexachloroethane

Concen: 17.402 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX003210.D

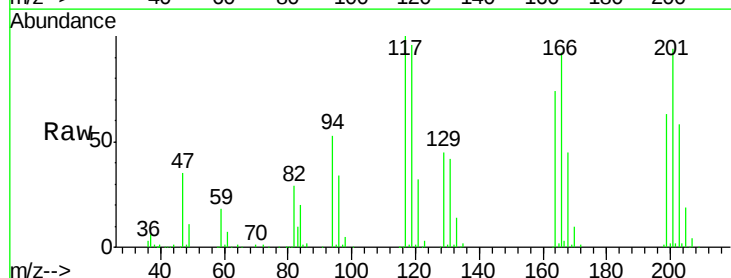
Acq: 06 Jul 2018 12:14

Tgt Ion: 117 Resp: 36775

Ion Ratio Lower Upper

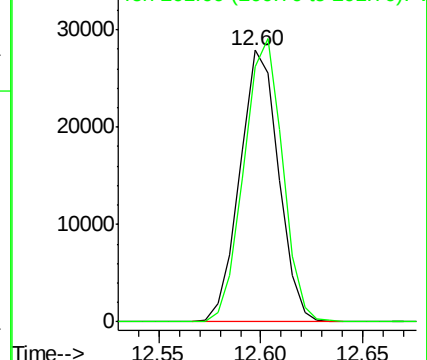
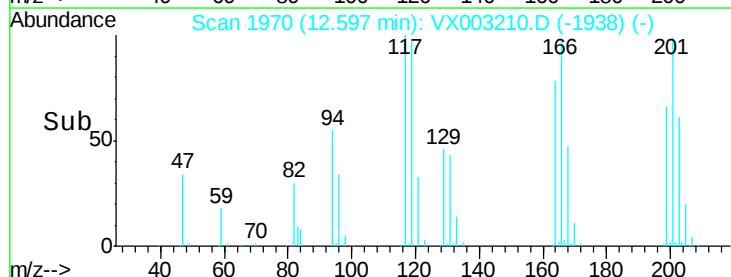
117 100

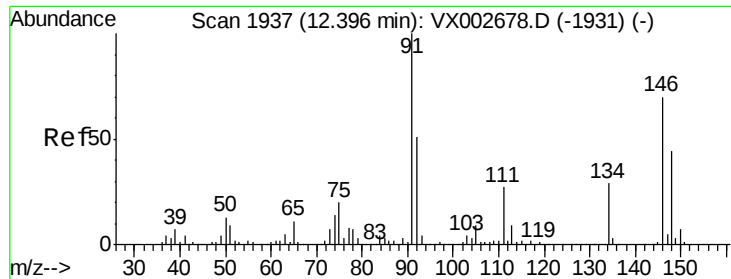
201 103.8 47.6 142.8



Abundance Ion 117.00 (116.70 to 117.70): VX003210.D (-1938) (-)

Ion 201.00 (200.70 to 201.70): VX003210.D (-1938) (-)

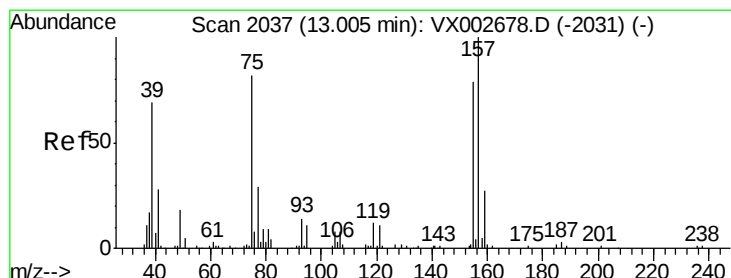
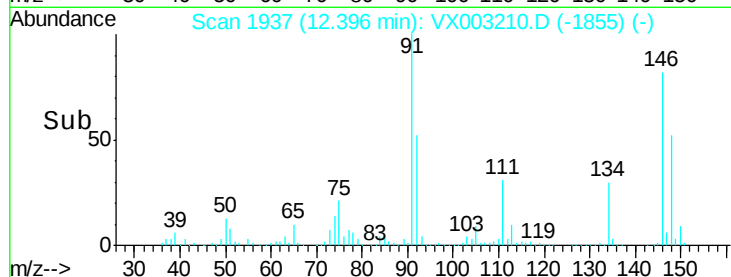
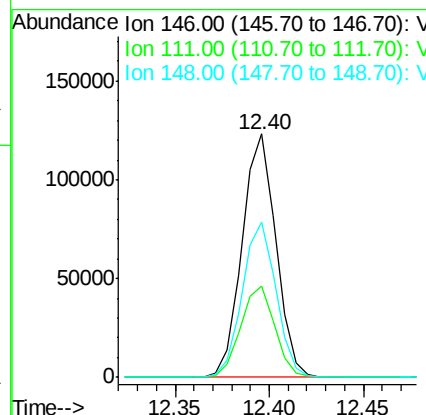
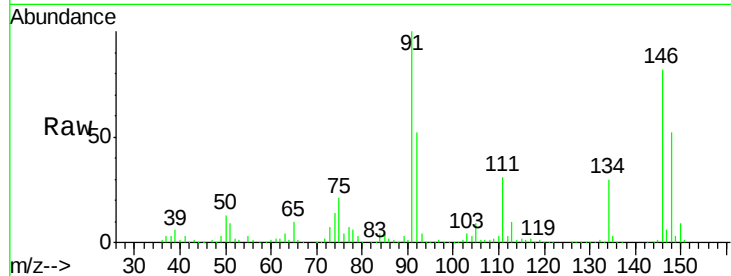




#87
 1,2-Dichlorobenzene
 Concen: 19.924 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

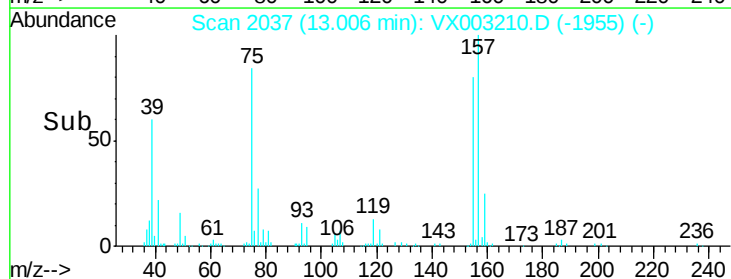
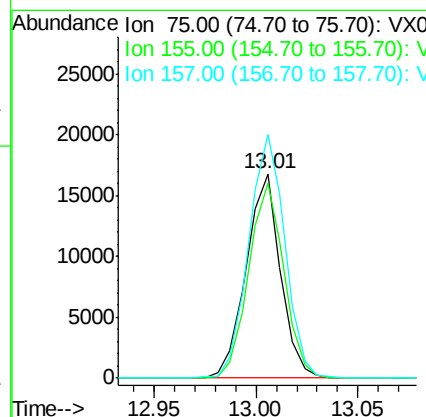
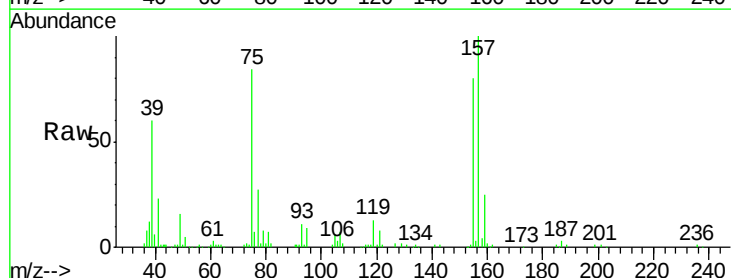
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

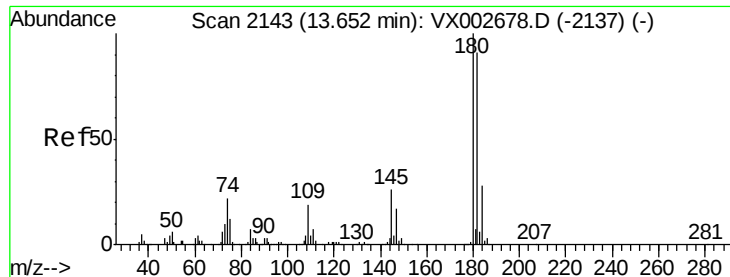
Tot Ion:146 Resp: 153297
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.0 59.9
 148 63.5 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.724 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion: 75 Resp: 19609
 Ion Ratio Lower Upper
 75 100
 155 98.1 73.1 109.7
 157 125.3 93.1 139.7

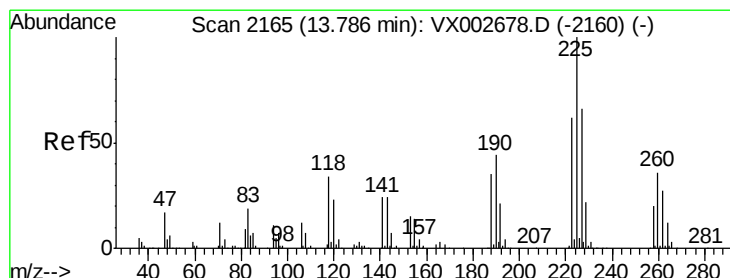
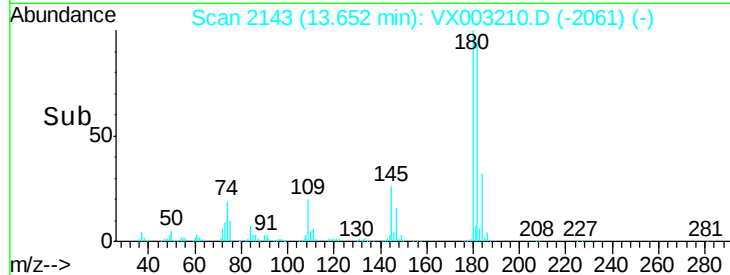
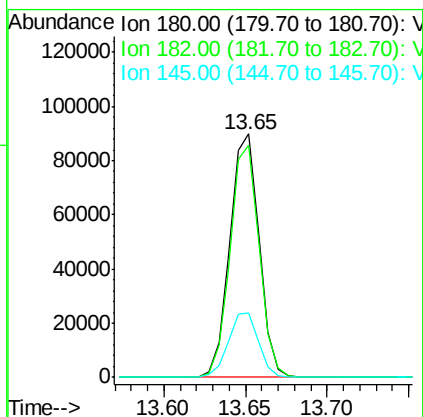
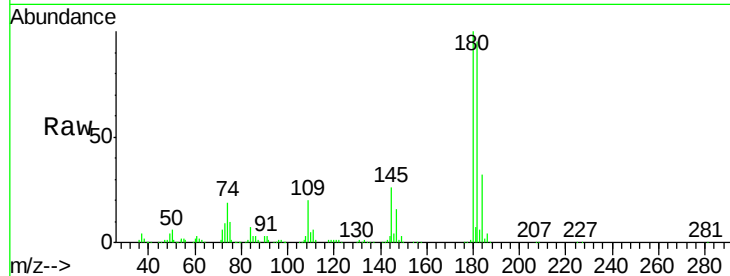




#89
 1,2,4-Trichlorobenzene
 Concen: 19.268 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

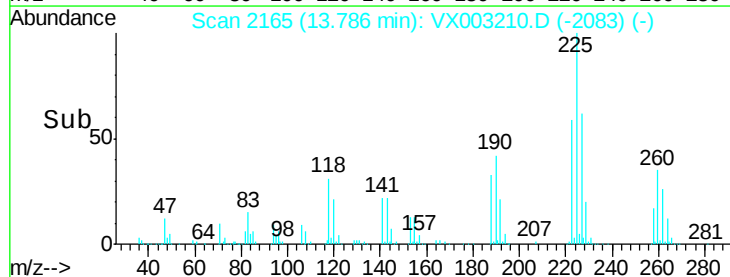
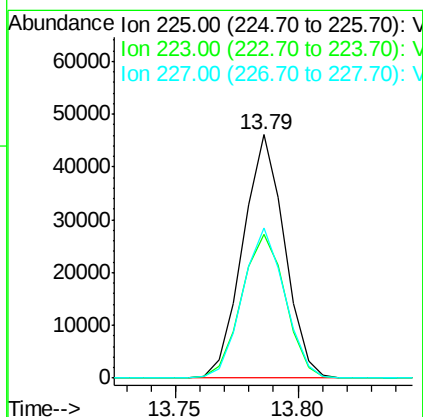
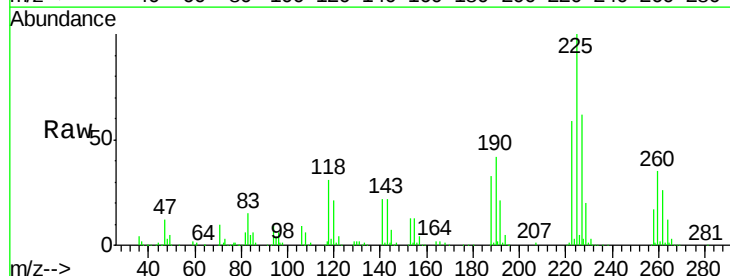
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

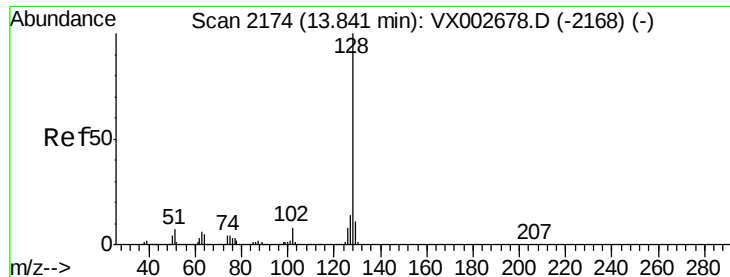
Tot Ion:180 Resp: 111900
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.4 114.6
 145 27.4 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 18.035 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003210.D
 Acq: 06 Jul 2018 12:14

Tgt Ion:225 Resp: 54527
 Ion Ratio Lower Upper
 225 100
 223 61.9 0.0 122.4
 227 62.5 0.0 128.0

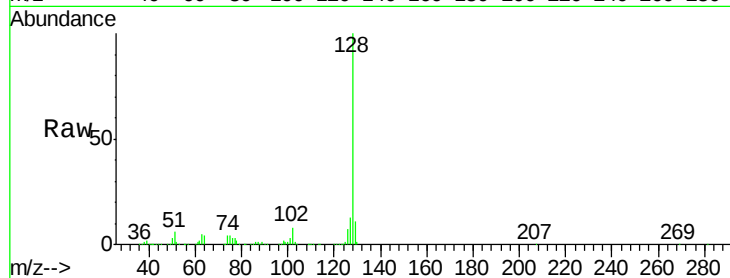




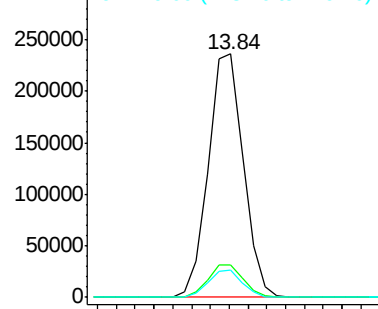
#91
Naphthalene
Concen: 19.759 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

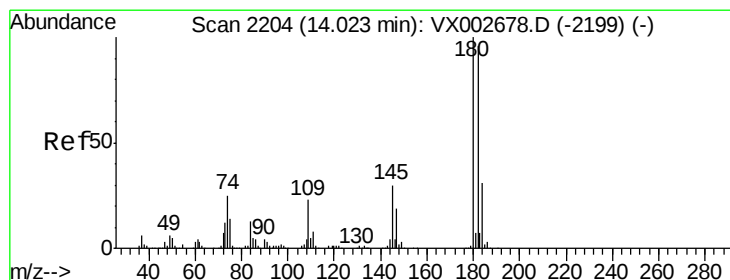
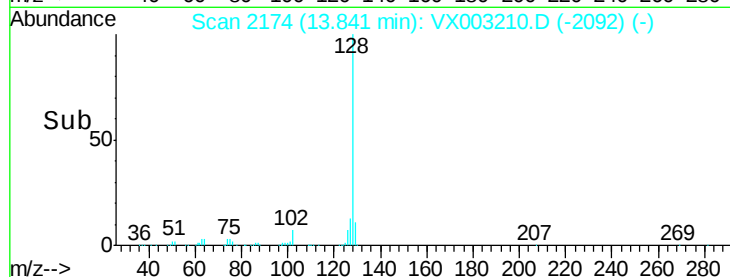
Tot Ion:128 Resp: 304162
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.9 13.3



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

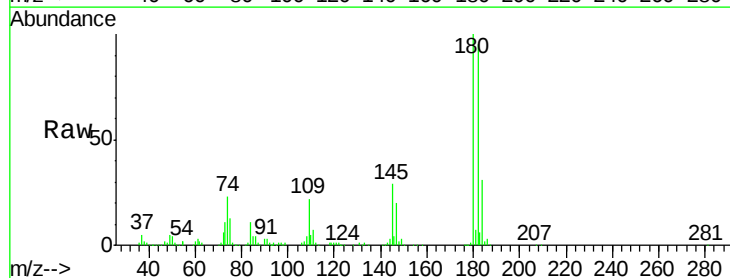


Time-->

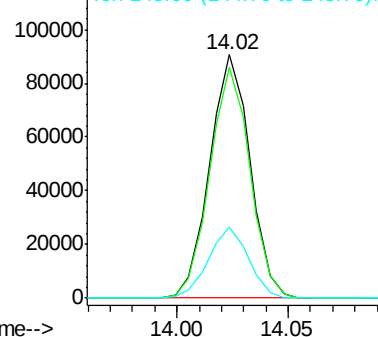


#92
1,2,3-Trichlorobenzene
Concen: 19.713 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003210.D
Acq: 06 Jul 2018 12:14

Tgt Ion:180 Resp: 113900
Ion Ratio Lower Upper
180 100
182 95.1 0.0 191.0
145 29.3 0.0 60.6



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



Time-->

