

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\NOT REVIEWED DATA\
 Data File : VX019072.D
 Acq On : 23 Oct 2020 11:23
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 12:54:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46949	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	263197	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	231748	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	91684	29.32	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.73%
60) 4-Bromofluorobenzene	11.12	95	111562	32.07	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	106.90%
63) Toluene-d8	8.70	98	310717	30.37	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	371489	157.452	ug/l 98
3) Chloromethane	1.31	50	306838	143.928	ug/l 100
4) Vinyl Chloride	1.39	62	436606	156.262	ug/l 97
5) Bromomethane	1.62	94	162529	75.659	ug/l 98
6) Chloroethane	1.70	64	295055	155.831	ug/l 99
7) Trichlorofluoromethane	1.91	101	776571	159.614	ug/l 96
8) Diethyl Ether	2.17	74	293250	160.797	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	368168	158.370	ug/l 98
10) 1,1-Dichloroethene	2.35	96	378385	160.104	ug/l 97
11) Methyl Iodide	2.49	142	437485	148.188	ug/l 96
12) Methyl Acetate	2.75	43	374890	160.234	ug/l 97
13) Acrolein	2.27	56	195667	908.280	ug/l 97
14) Acrylonitrile	3.12	53	863934	785.997	ug/l 99
15) Acetone	2.42	58	259670	824.692	ug/l 94
16) Carbon Disulfide	2.55	76	1045513	159.157	ug/l 100
17) Allyl chloride	2.70	41	477099	161.610	ug/l 98
18) Methylene Chloride	2.83	84	419051	155.477	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	443734	160.756	ug/l 96
20) Diisopropyl ether	3.82	45	941451	157.421	ug/l 98
21) 1,1-Dichloroethane	3.67	63	693459	157.933	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	501816	156.944	ug/l 99
23) tert-Butyl Alcohol	3.03	59	448428	841.518	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1189728	159.200	ug/l 98
25) Chloroform	5.18	83	768214	157.902	ug/l 96
26) Cyclohexane	5.55	56	533486	156.352	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	579525	156.080	ug/l 99
30) 2-Butanone	4.64	43	1174403	793.948	ug/l 99
31) 2,2-Dichloropropane	4.55	77	662596	155.967	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	708692	158.802	ug/l 99
33) Carbon Tetrachloride	5.76	117	624190	161.170	ug/l 97
34) Benzene	6.11	78	1697662	155.392	ug/l 97
35) Methacrylonitrile	5.01	41	252510	157.691	ug/l 95
36) 1,2-Dichloroethane	6.17	62	577307	154.045	ug/l 100
37) Trichloroethene	7.19	130	493986	157.308	ug/l 97
38) Methylcyclohexane	7.44	83	652339	156.739	ug/l 100
39) 1,2-Dichloropropane	7.49	63	397773	156.852	ug/l 99
40) Dibromomethane	7.64	93	306777	155.872	ug/l 98

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Quant Time: Nov 03 12:54:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	613804	157.747	ug/l	99
42) Vinyl Acetate	3.79	43	4549399	790.445	ug/l	98
43) Ethyl Acetate	4.79	43	476824	153.662	ug/l	99
44) Isopropyl Acetate	6.42	43	805784	155.071	ug/l	100
45) 1,4-Dioxane	7.72	88	183348	3356.954	ug/l	98
46) Methyl methacrylate	7.74	41	381135	154.973	ug/l	98
47) n-amyl Acetate	10.88	43	693800	166.458	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	689190	158.214	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	728519	157.161	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	439783	154.272	ug/l	98
51) Ethyl methacrylate	9.16	69	652656	156.906	ug/l	99
52) 1,3-Dichloropropane	9.35	76	701819	151.123	ug/l	99
53) Dibromochloromethane	9.57	129	515505	162.444	ug/l	98
54) 1,2-Dibromoethane	9.65	107	470589	151.919	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	1802845	811.018	ug/l	98
56) Bromoform	10.84	173	393571	177.400	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	2308752	789.986	ug/l	98
59) 2-Hexanone	9.48	43	1767052	811.393	ug/l	99
61) Tetrachloroethene	9.32	164	421801	153.420	ug/l	93
62) Toluene	8.77	91	1920069	157.642	ug/l	100
64) Chlorobenzene	10.12	112	1201171	158.647	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	450569	163.627	ug/l	99
66) Ethyl Benzene	10.24	91	2114717	158.365	ug/l	95
67) m/p-Xylenes	10.34	106	1661690	326.297	ug/l	97
68) o-Xylene	10.68	106	798866	164.478	ug/l	98
69) Styrene	10.70	104	1387510	169.554	ug/l	99
70) Isopropylbenzene	11.00	105	2114084	161.882	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	648600	172.033	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	763909	225.311	ug/l	86
73) Bromobenzene	11.24	156	537640	168.451	ug/l	96
74) n-propylbenzene	11.35	91	2438720	164.922	ug/l	98
75) 2-Chlorotoluene	11.40	91	1391642	166.379	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	1795552	169.437	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	239145	177.608	ug/l	94
78) 4-Chlorotoluene	11.49	91	1664051	169.298	ug/l	98
79) tert-butylbenzene	11.76	119	1784769	171.032	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1782021	169.165	ug/l	98
81) sec-Butylbenzene	11.93	105	2092477	169.463	ug/l	99
82) p-Isopropyltoluene	12.05	119	1970296	173.139	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	993769	174.211	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	1012431	174.801	ug/l	99
85) n-Butylbenzene	12.37	91	1788721	175.550	ug/l	98
86) Hexachloroethane	12.58	117	324732	185.788	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	957602	175.349	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	151872	177.983	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	682164	173.578	ug/l	98
90) Hexachlorobutadiene	13.77	225	292479	175.522	ug/l	98
91) Naphthalene	13.82	128	2261340	175.770	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	654298	173.072	ug/l	98

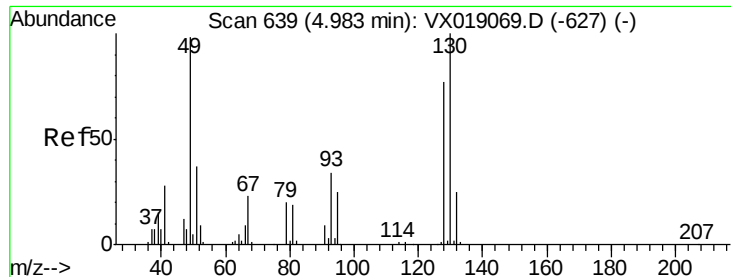
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampled :

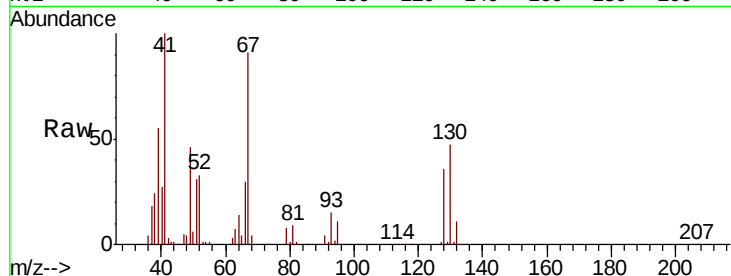
Tot Ion:128 Resp: 46949

Ion Ratio Lower Upper

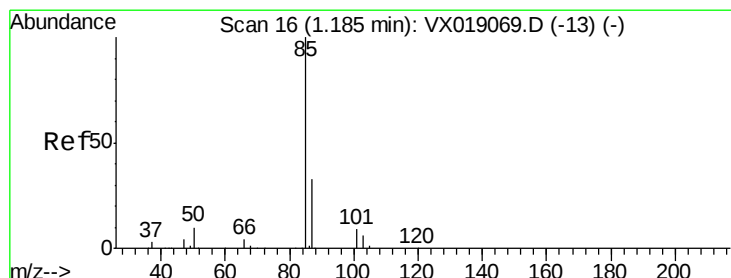
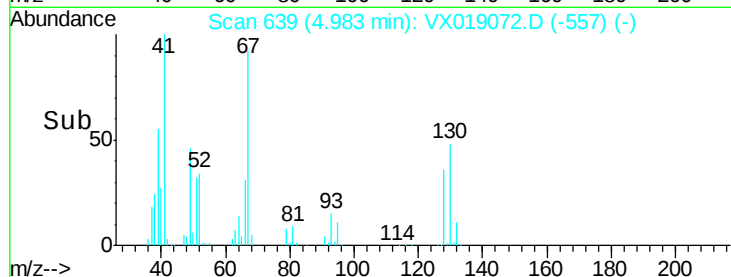
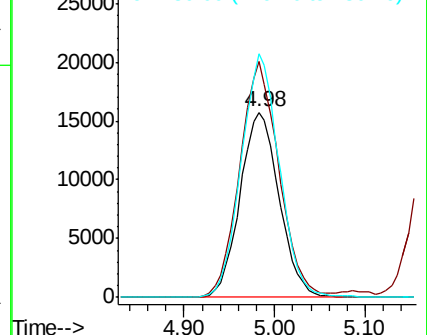
128 100

49 128.3 0.0 318.8

130 128.0 0.0 321.8



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: 157.452 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019072.D

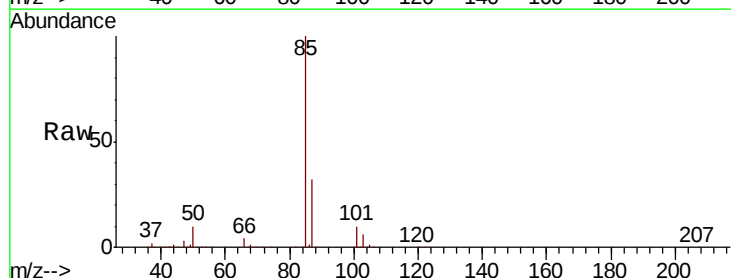
Acq: 23 Oct 2020 11:23

Tgt Ion: 85 Resp: 371489

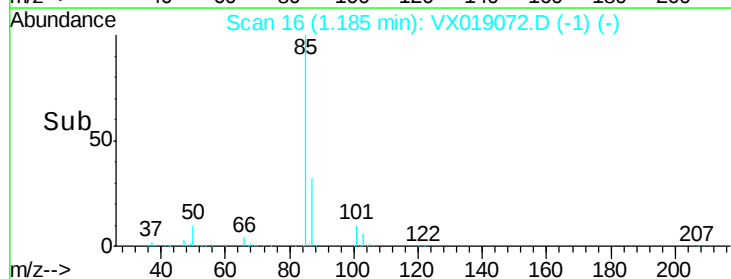
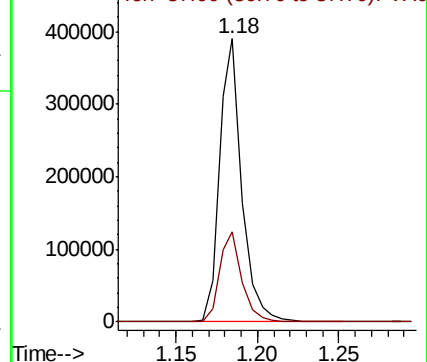
Ion Ratio Lower Upper

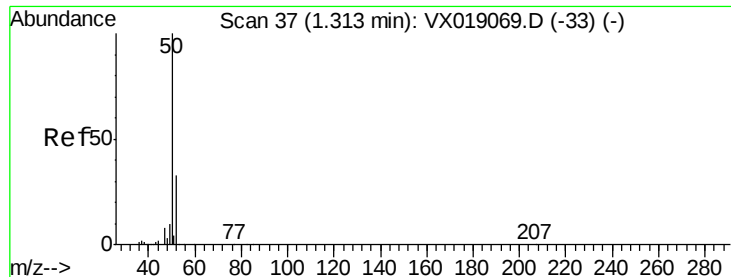
85 100

87 31.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 143.928 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

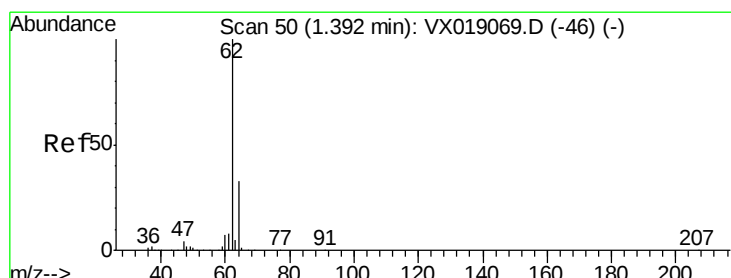
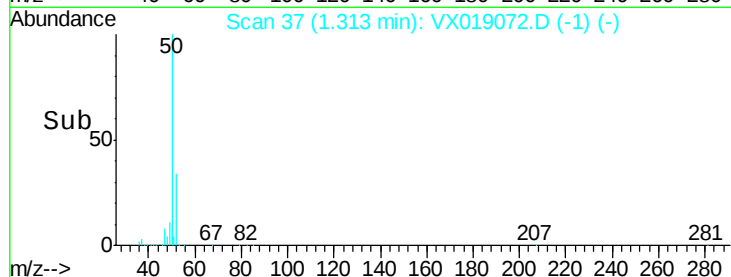
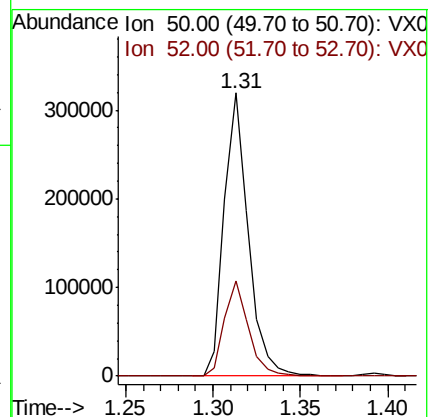
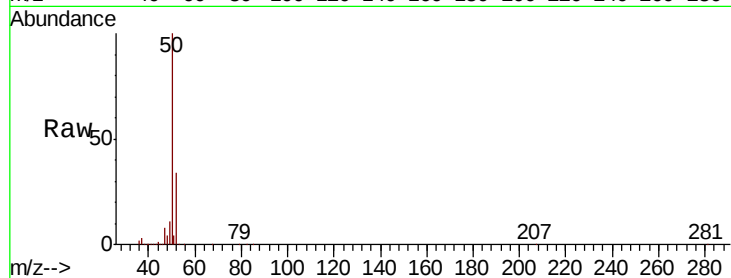
ClientSampleId :

Tot Ion: 50 Resp: 306838

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 156.262 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019072.D

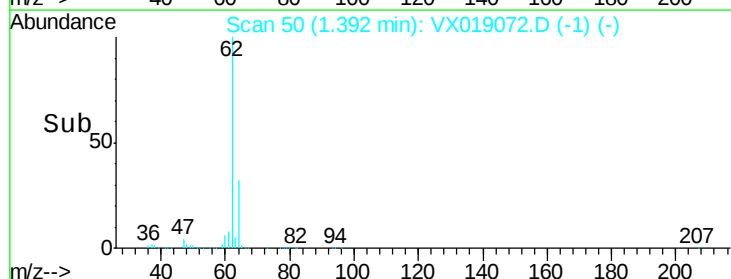
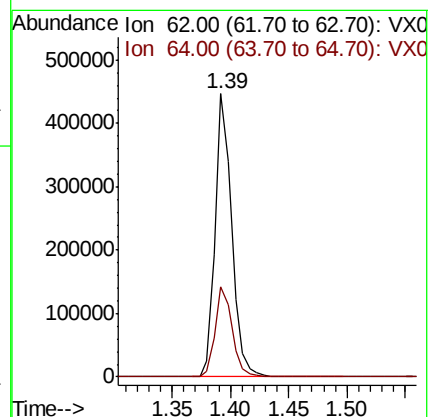
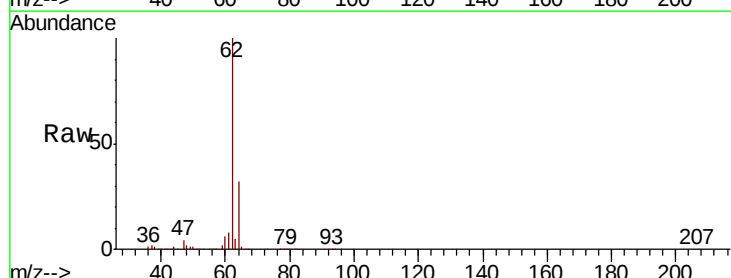
Acq: 23 Oct 2020 11:23

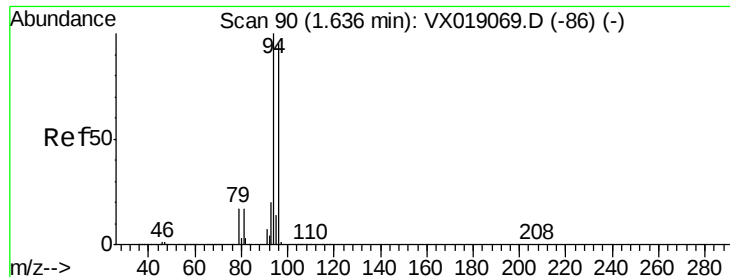
Tgt Ion: 62 Resp: 436606

Ion Ratio Lower Upper

62 100

64 31.9 26.7 40.1





#5

Bromomethane

Concen: 75.659 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

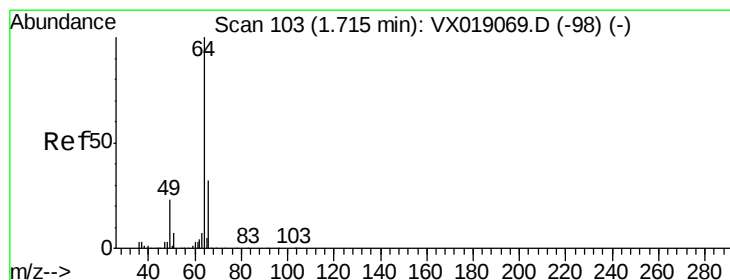
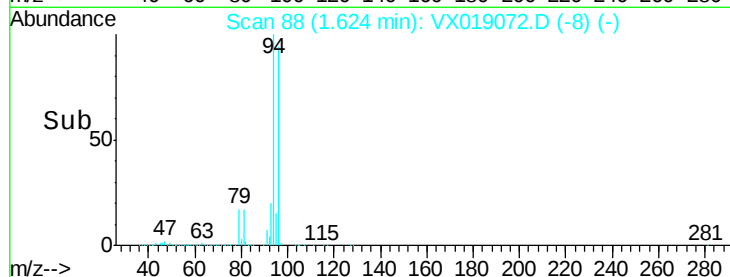
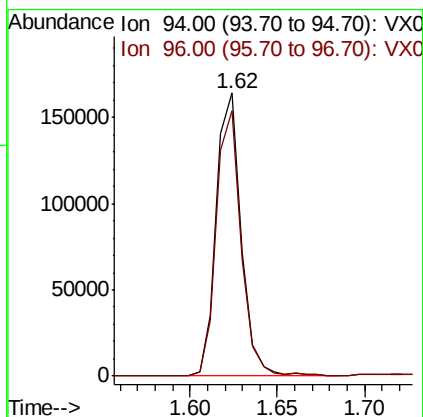
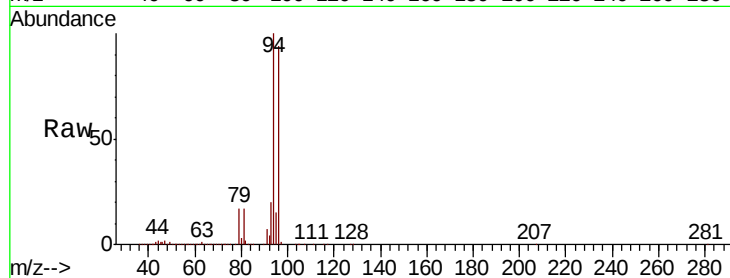
ClientSampleId :

Tot Ion: 94 Resp: 162529

Ion Ratio Lower Upper

94 100

96 93.7 76.2 114.2



#6

Chloroethane

Concen: 155.831 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.02 min

Lab File: VX019072.D

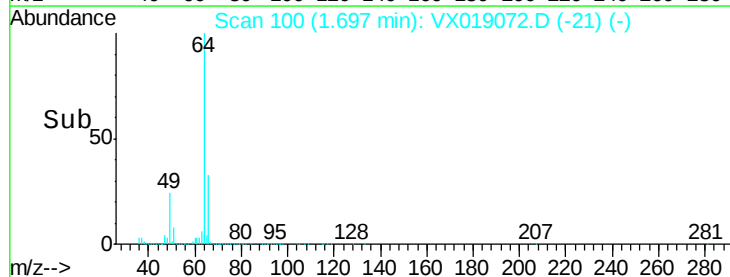
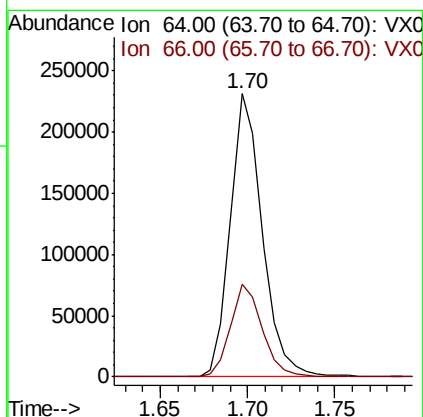
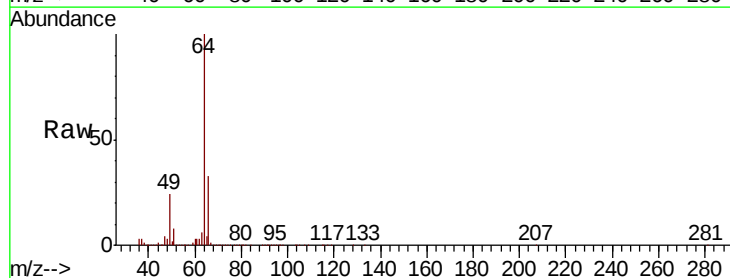
Acq: 23 Oct 2020 11:23

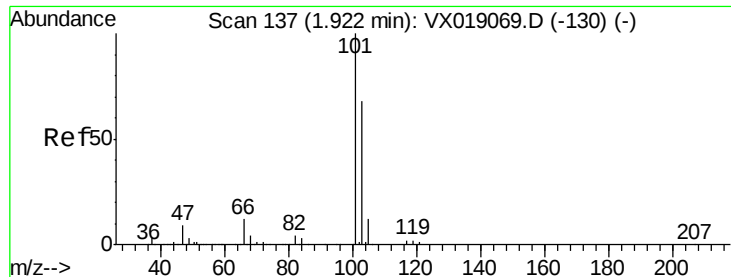
Tgt Ion: 64 Resp: 295055

Ion Ratio Lower Upper

64 100

66 32.8 25.9 38.9



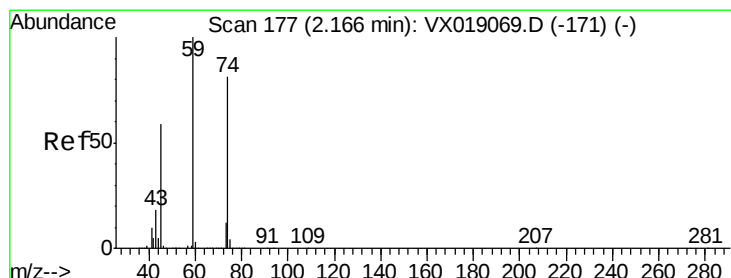
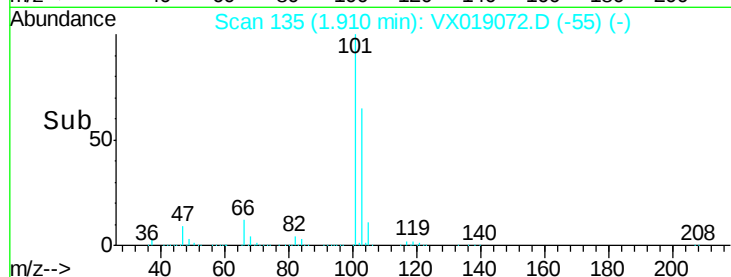
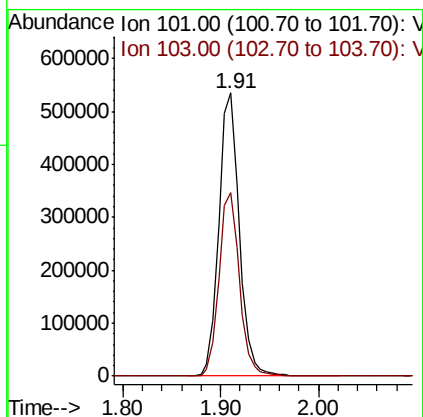
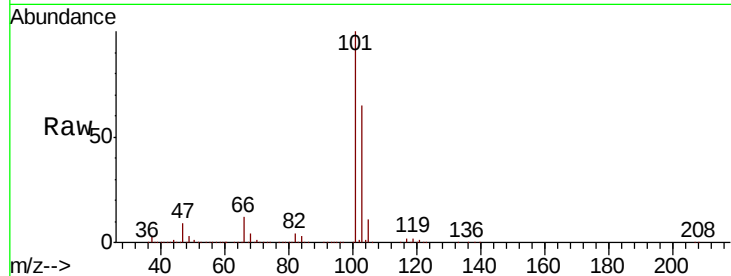


#7

Trichlorofluoromethane
Concen: 159.614 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :

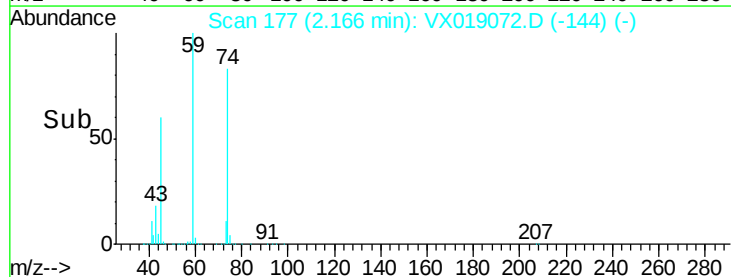
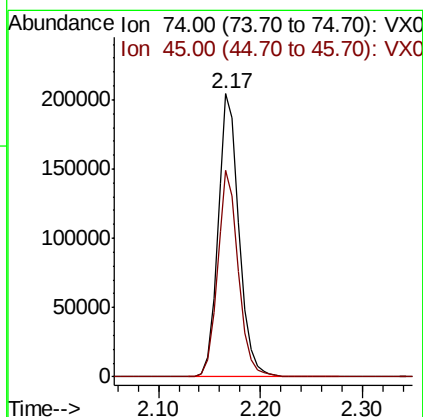
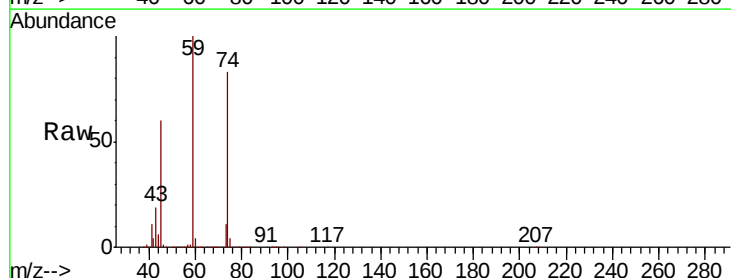
Tot Ion:101 Resp: 776571
Ion Ratio Lower Upper
101 100
103 64.8 54.2 81.4

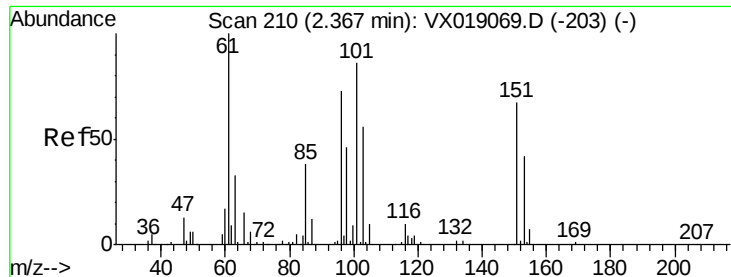


#8

Diethyl Ether
Concen: 160.797 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 74 Resp: 293250
Ion Ratio Lower Upper
74 100
45 72.0 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 158.370 ug/l

RT: 2.36 min Scan# 209

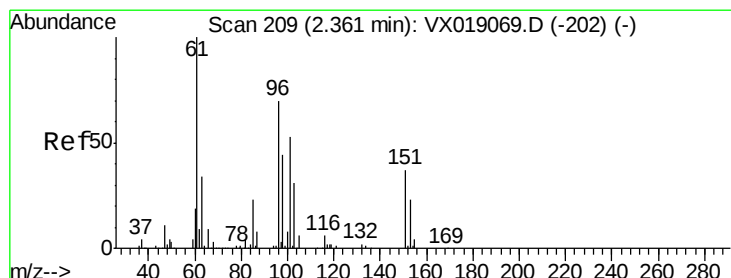
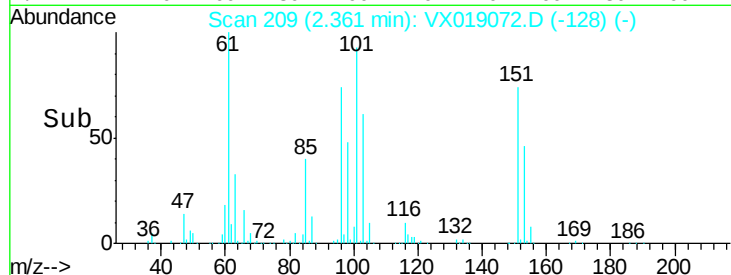
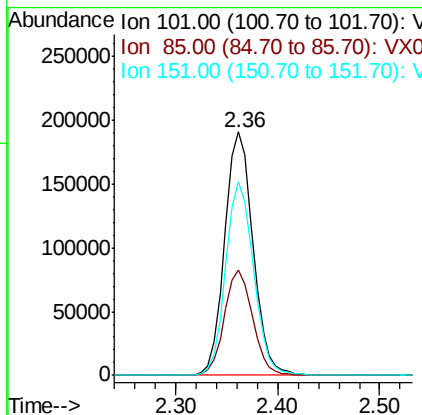
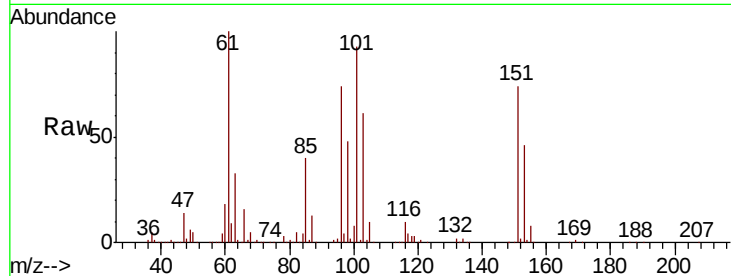
Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	101	Resp:	368168
Ion	Ratio	Lower	Upper
101	100		
85	43.2	0.0	87.0
151	78.5	0.0	151.8



#10

1,1-Dichloroethene

Concen: 160.104 ug/l

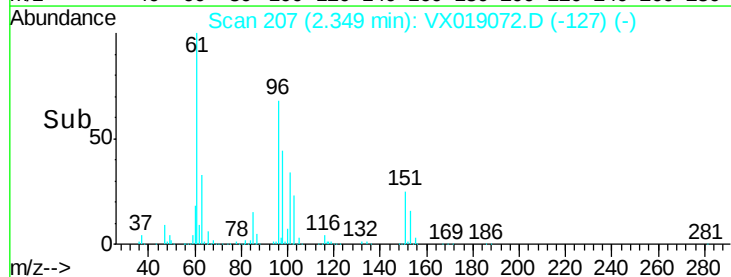
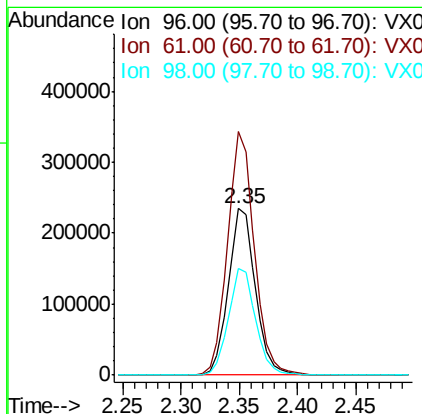
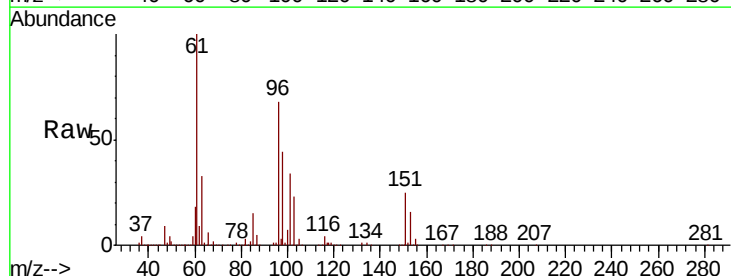
RT: 2.35 min Scan# 207

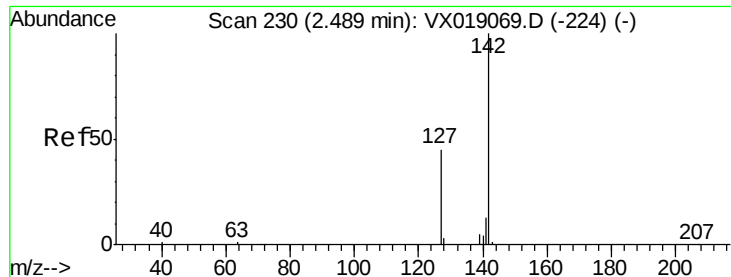
Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	96	Resp:	378385
Ion	Ratio	Lower	Upper
96	100		
61	146.5	113.8	170.8
98	64.1	50.4	75.6

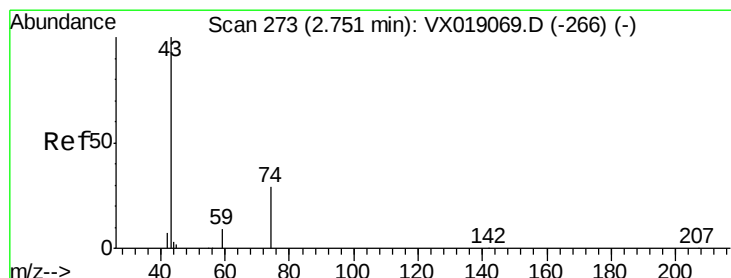
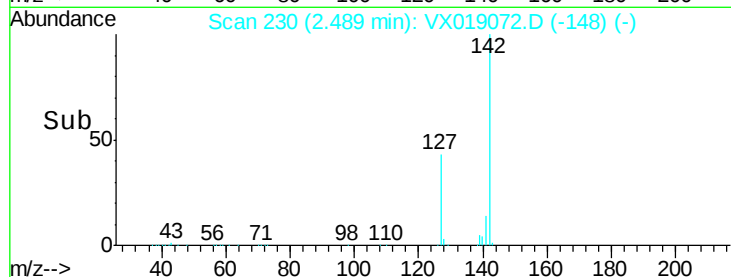
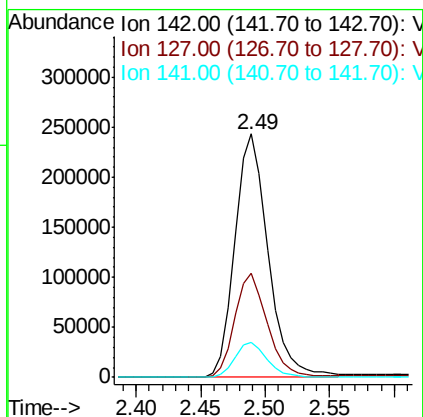
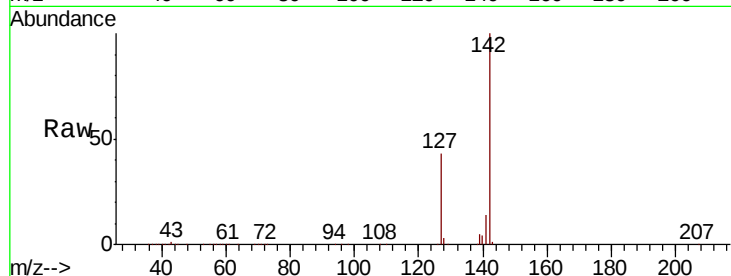




#11
Methyl Iodide
Concen: 148.188 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

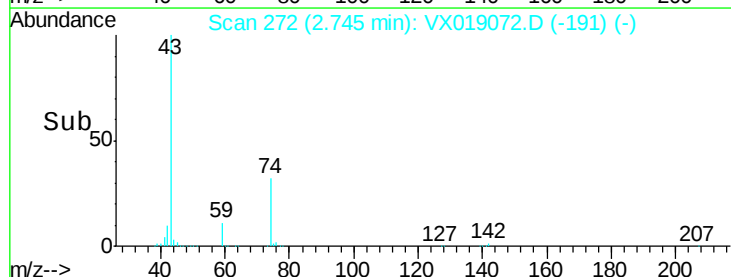
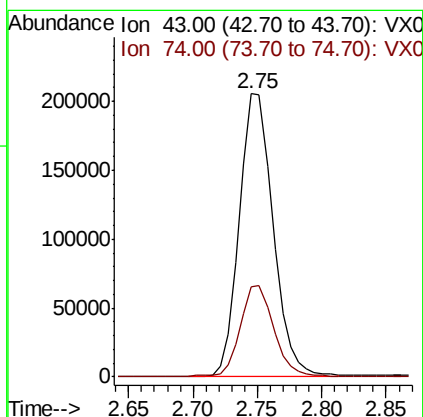
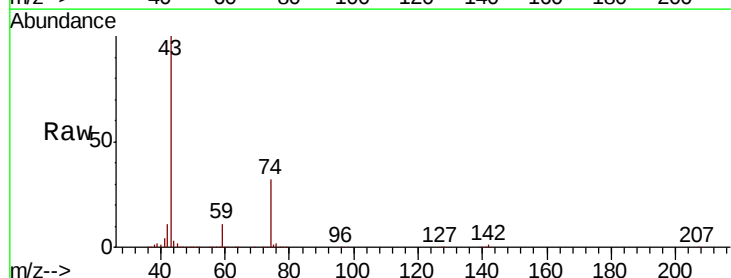
Instrument :
MSVOA_X
ClientSampleId :

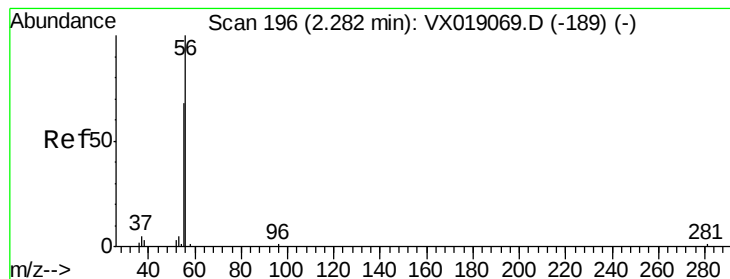
Tot Ion:142 Resp: 437485
Ion Ratio Lower Upper
142 100
127 42.8 22.6 67.7
141 14.2 6.3 19.1



#12
Methyl Acetate
Concen: 160.234 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 43 Resp: 374890
Ion Ratio Lower Upper
43 100
74 31.6 23.9 35.9





#13

Acrolein

Concen: 908.280 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

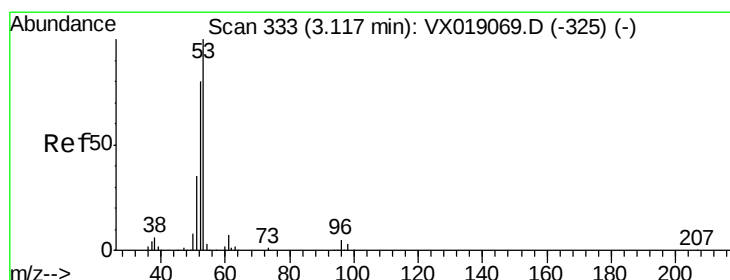
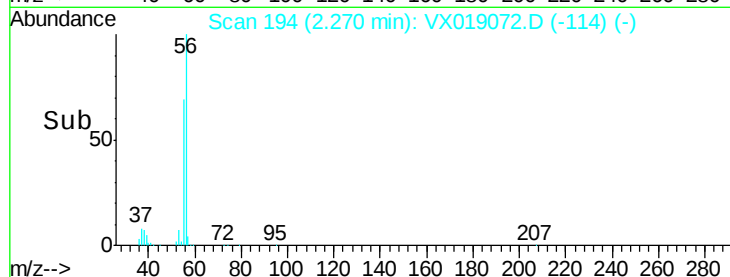
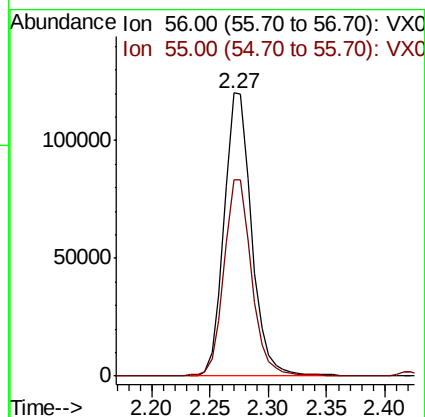
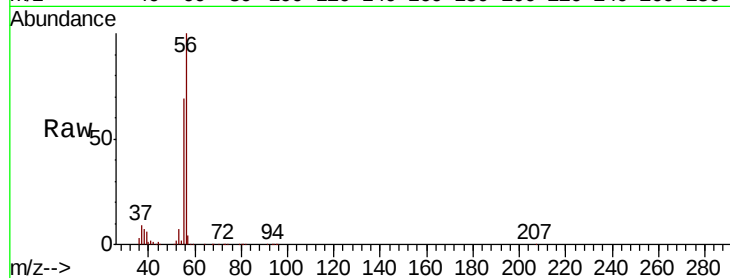
ClientSampleId :

Tot Ion: 56 Resp: 195667

Ion Ratio Lower Upper

56 100

55 69.9 58.2 87.2



#14

Acrylonitrile

Concen: 785.997 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

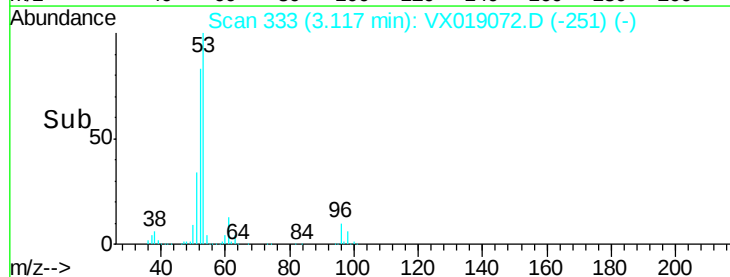
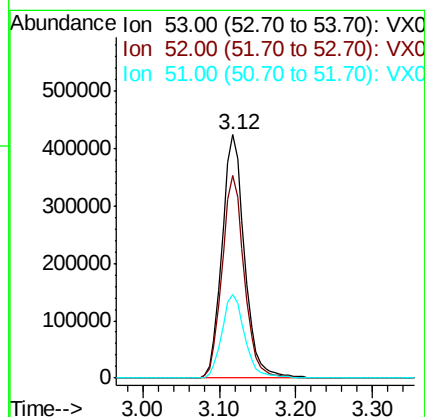
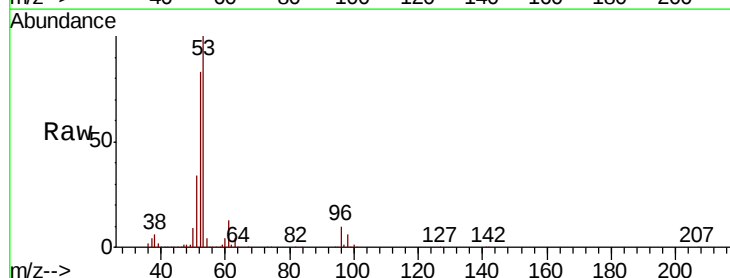
Tgt Ion: 53 Resp: 863934

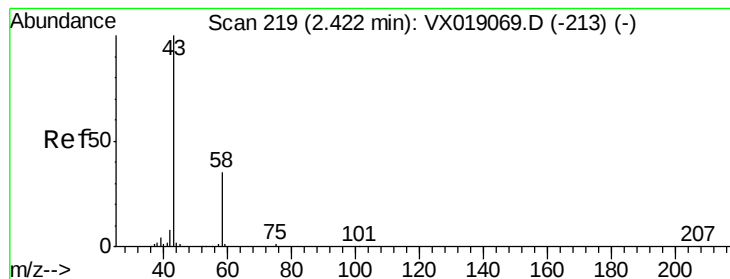
Ion Ratio Lower Upper

53 100

52 82.2 41.0 123.0

51 35.2 18.2 54.6





#15

Acetone

Concen: 824.692 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

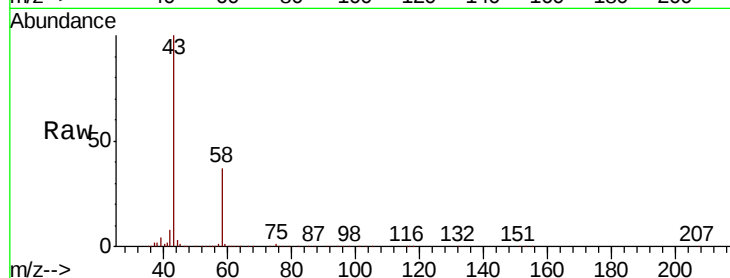
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 58 Resp: 259670

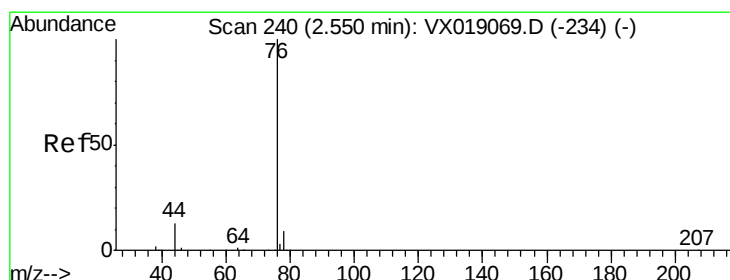
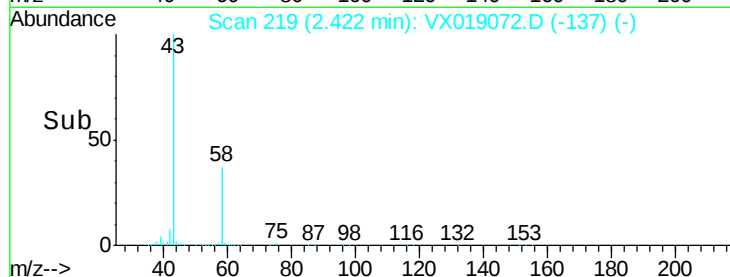
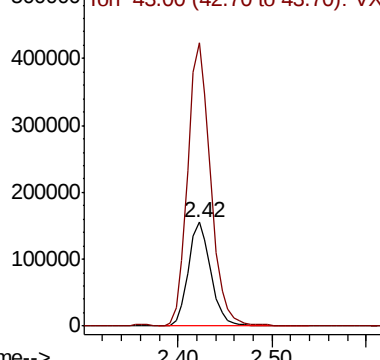
Ion Ratio Lower Upper

58 100

43 272.8 226.7 340.1



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



#16

Carbon Disulfide

Concen: 159.157 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019072.D

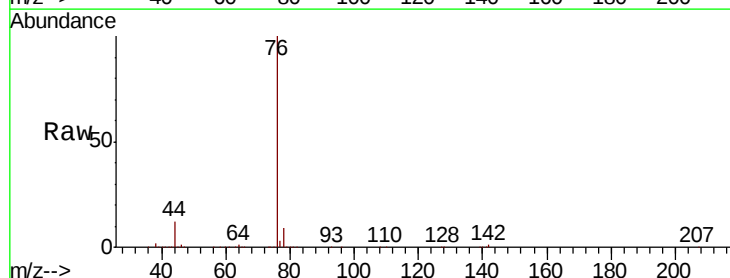
Acq: 23 Oct 2020 11:23

Tgt Ion: 76 Resp: 1045513

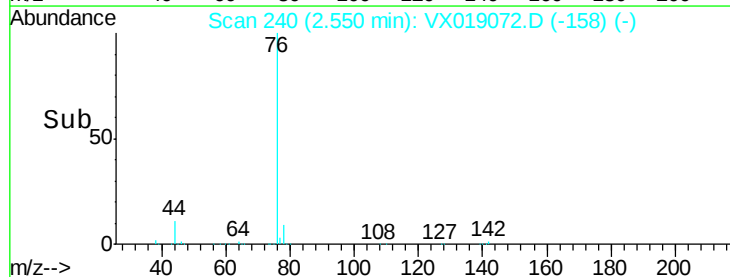
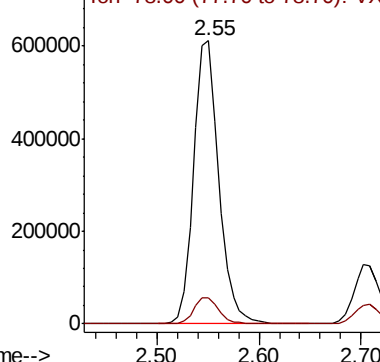
Ion Ratio Lower Upper

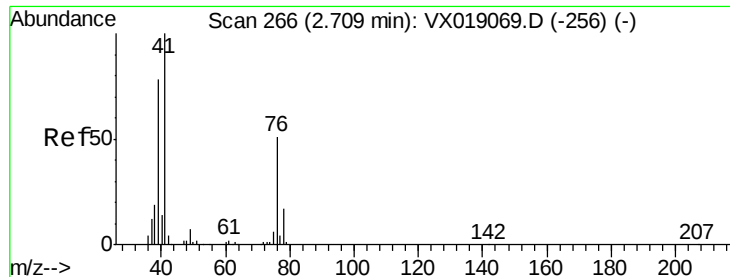
76 100

78 9.0 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

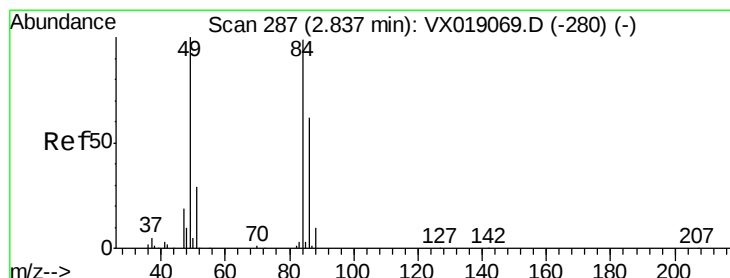
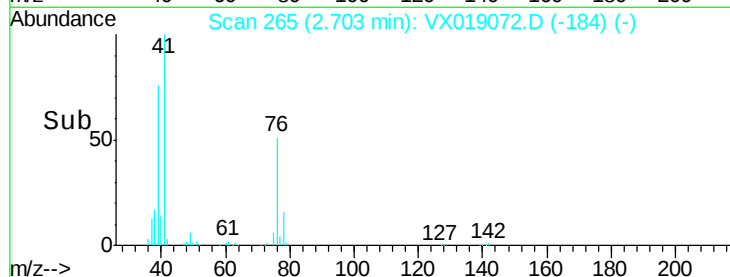
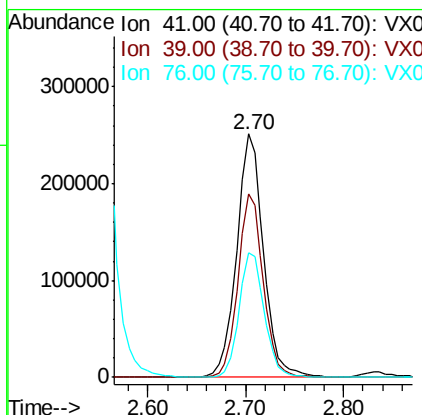
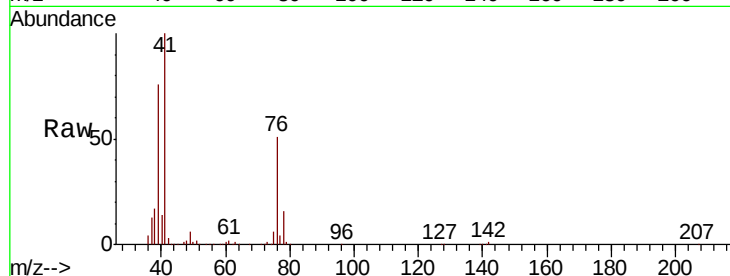




#17
Allvl chloride
Concen: 161.610 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

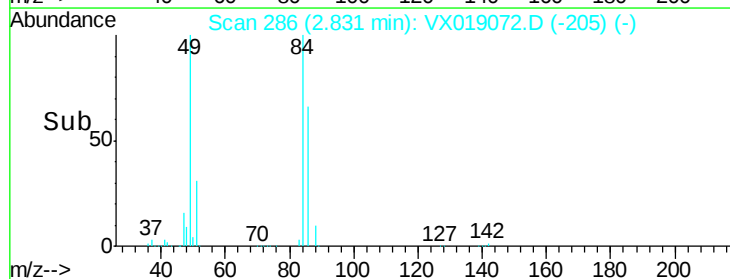
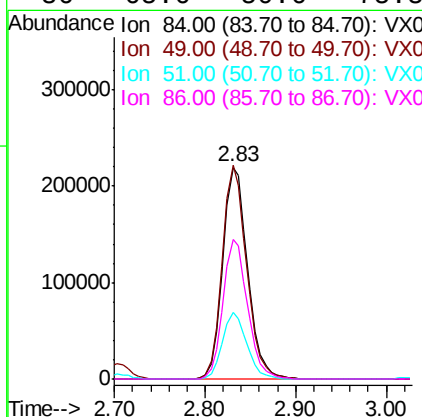
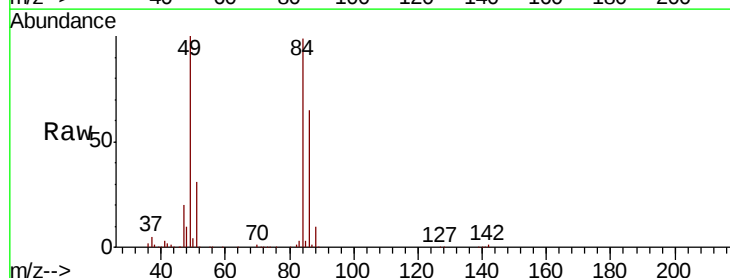
Instrument :
MSVOA_X
ClientSampleId :

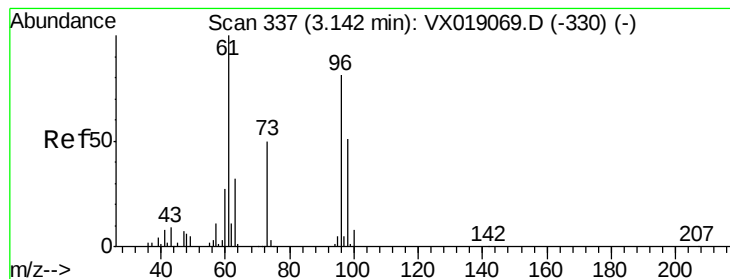
Tot Ion: 41 Resp: 477099
Ion Ratio Lower Upper
41 100
39 75.6 38.8 116.3
76 50.9 25.8 77.4



#18
Methylene Chloride
Concen: 155.477 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 84 Resp: 419051
Ion Ratio Lower Upper
84 100
49 100.9 80.9 121.3
51 31.2 23.8 35.6
86 65.6 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 160.756 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

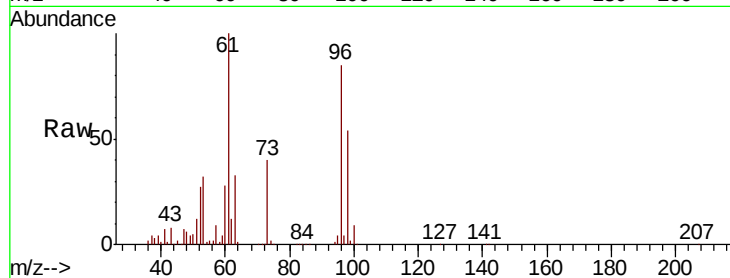
Tot Ion: 96 Resp: 443734

Ion Ratio Lower Upper

96 100

61 117.0 98.4 147.6

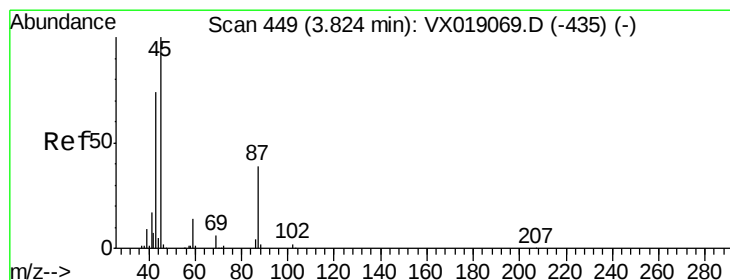
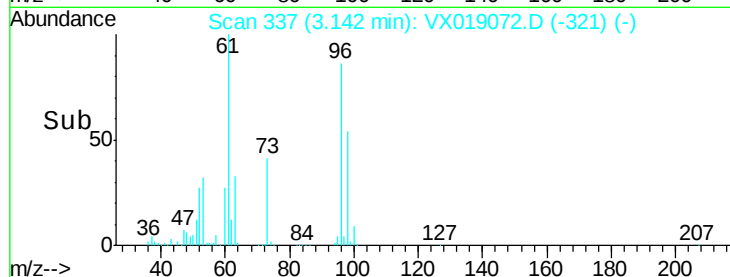
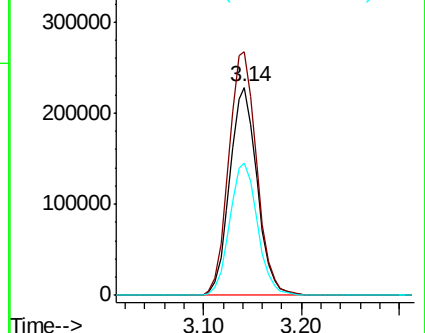
98 63.4 49.9 74.9



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



#20

Diisopropyl ether

Concen: 157.421 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion: 45 Resp: 941451

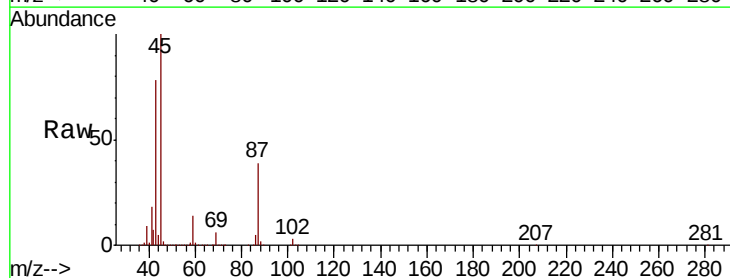
Ion Ratio Lower Upper

45 100

43 78.0 60.6 91.0

87 38.7 30.9 46.3

59 13.7 11.0 16.6

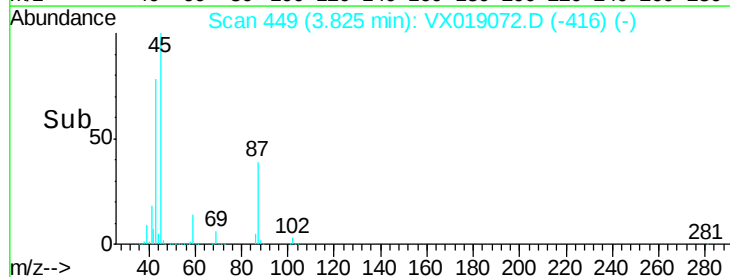
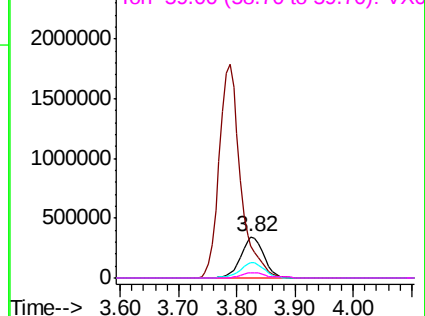


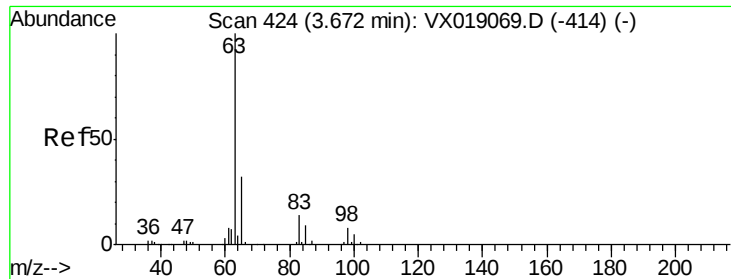
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

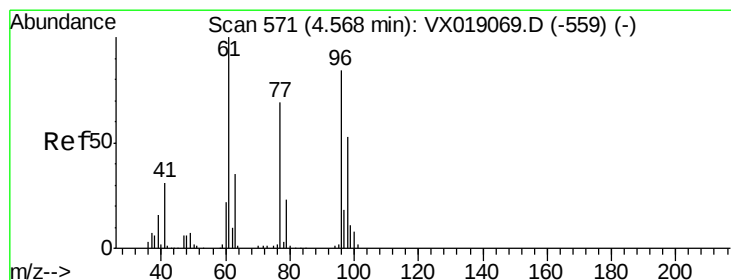
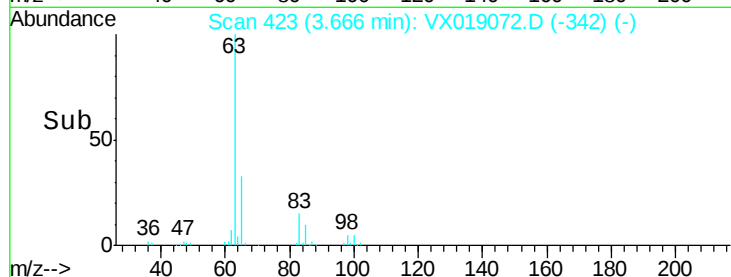
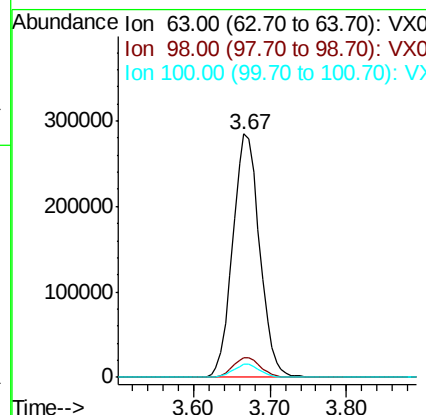
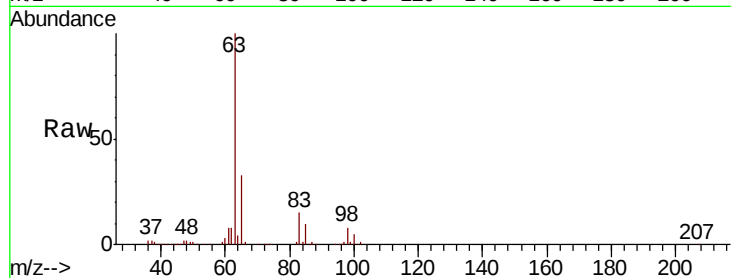




#21
 1,1-Dichloroethane
 Concen: 157.933 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

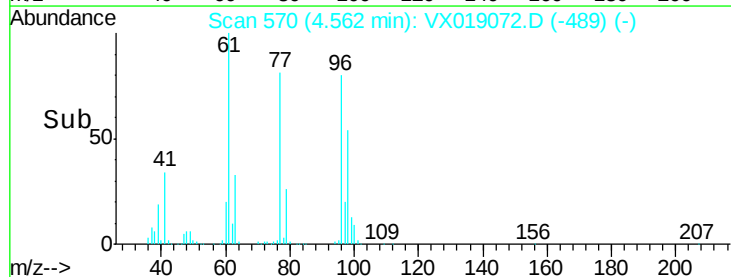
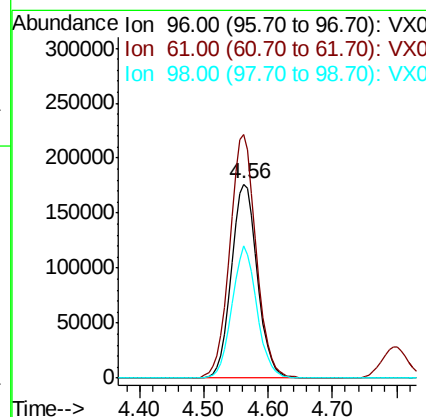
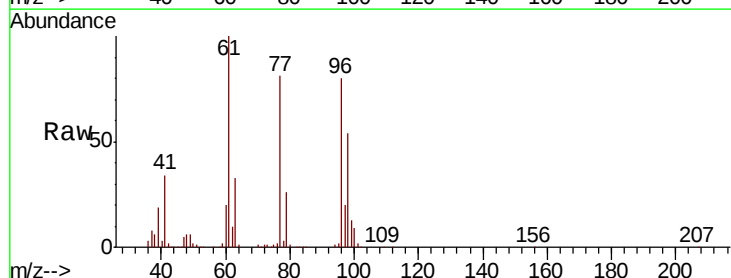
Instrument :
 MSVOA_X
 ClientSampleId :

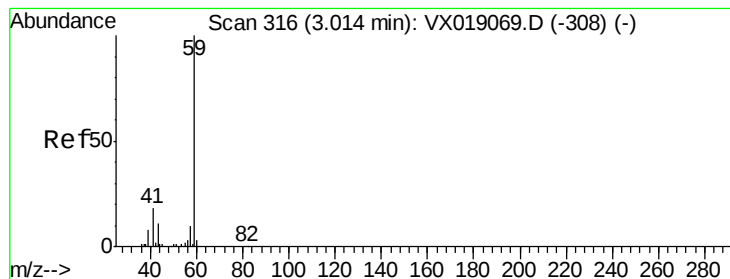
Tot Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.9	11.7
100	5.3	2.4	7.2



#22
 cis-1,2-Dichloroethene
 Concen: 156.944 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.8	101.9	152.9
98	64.8	51.3	76.9



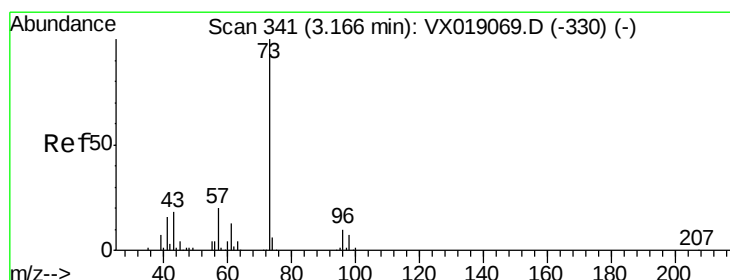
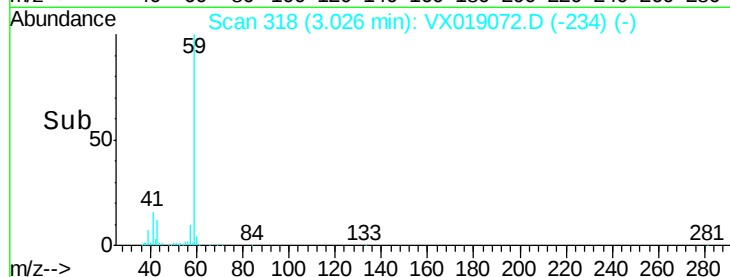
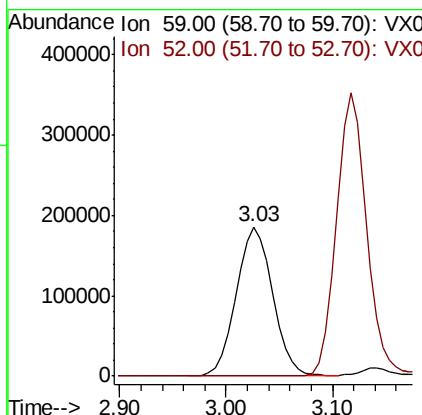
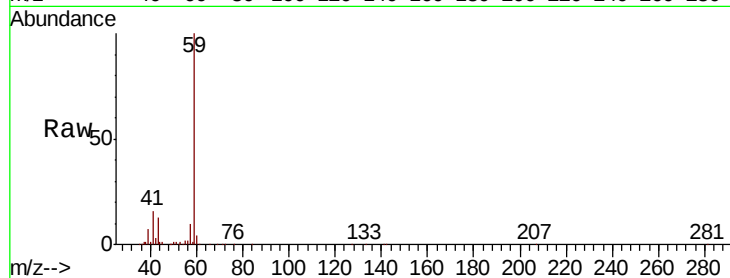


#23

tert-Butyl Alcohol
 Concen: 841.518 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :

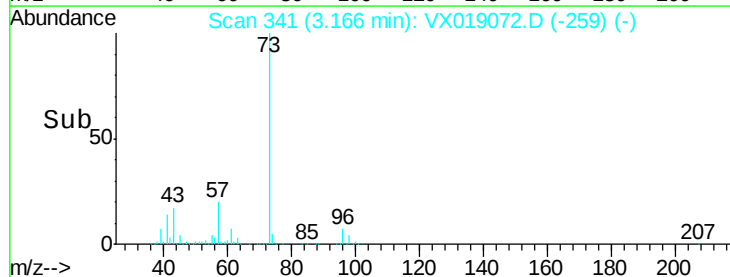
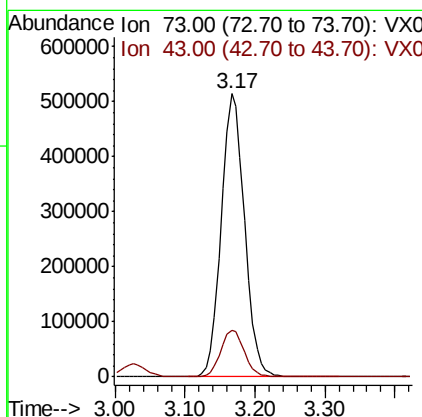
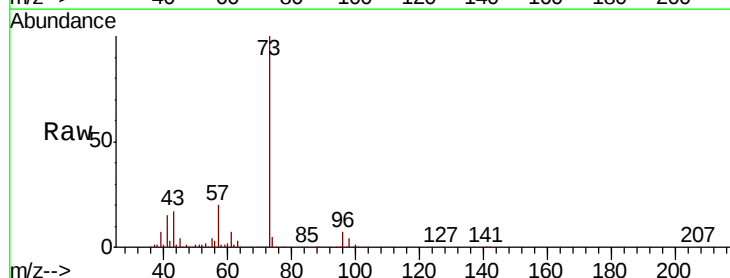
Tot Ion: 59 Resp: 448428
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.4#

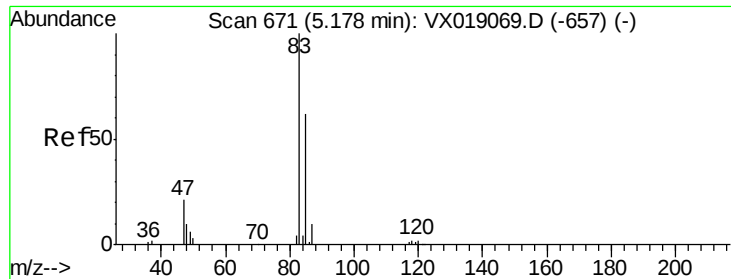


#24

Methyl tert-Butyl Ether
 Concen: 159.200 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion: 73 Resp: 1189728
 Ion Ratio Lower Upper
 73 100
 43 16.7 13.9 20.9





#25

Chloroform

Concen: 157.902 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

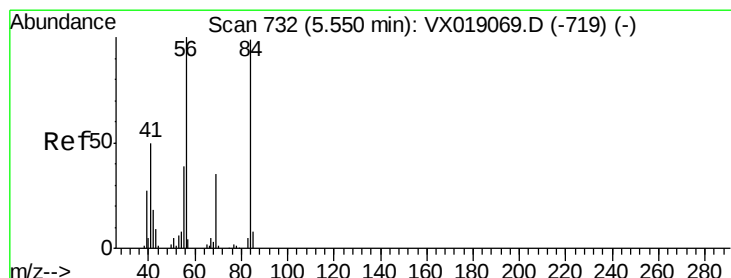
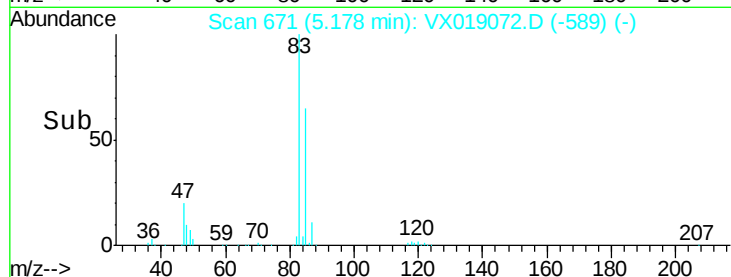
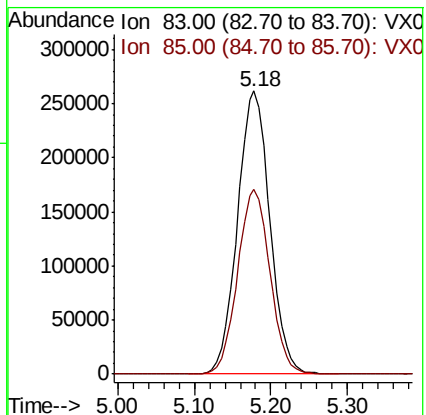
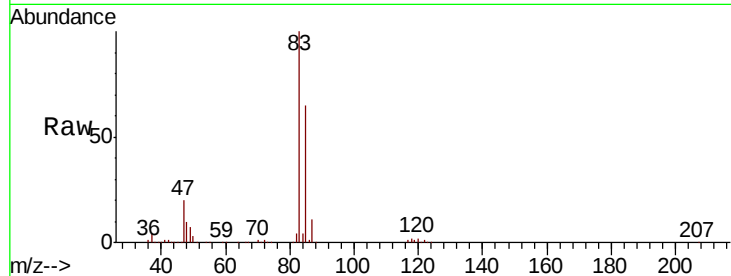
ClientSampleId :

Tot Ion: 83 Resp: 768214

Ion Ratio Lower Upper

83 100

85 65.2 49.8 74.8



#26

Cyclohexane

Concen: 156.352 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

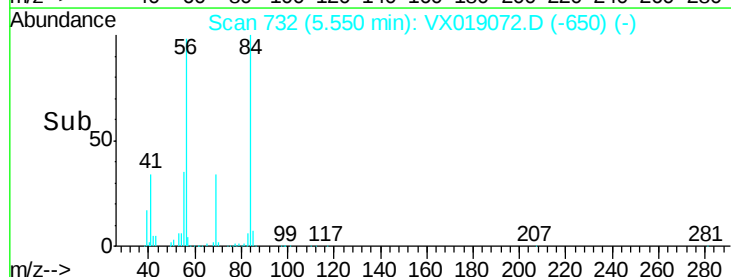
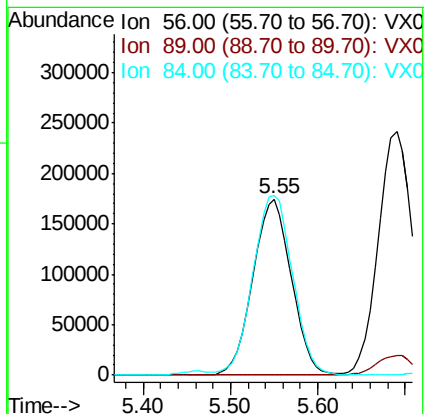
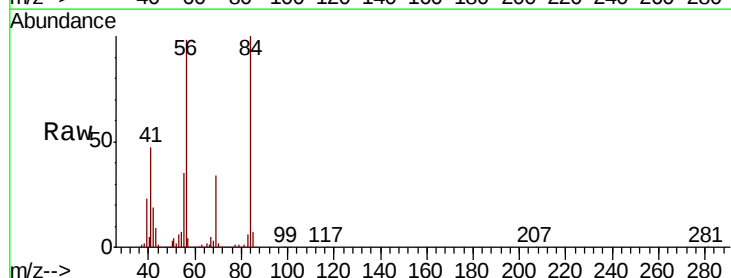
Tgt Ion: 56 Resp: 533486

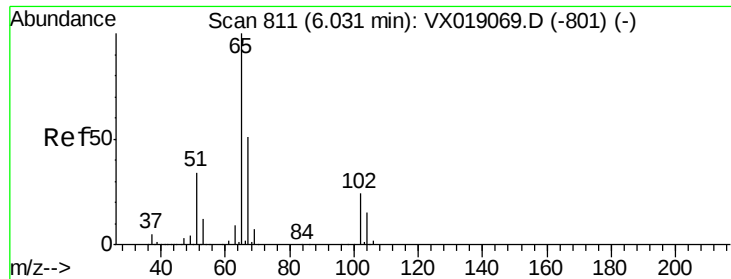
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 105.3 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 29.319 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

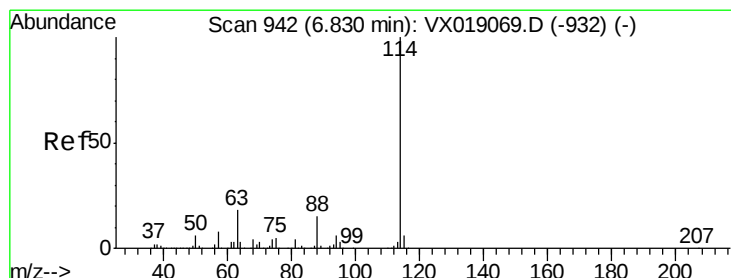
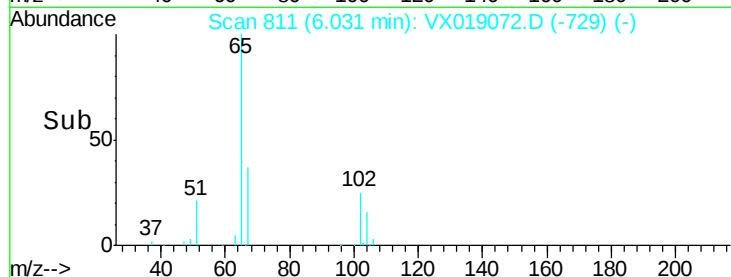
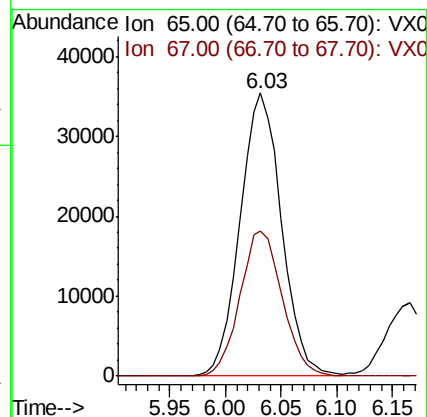
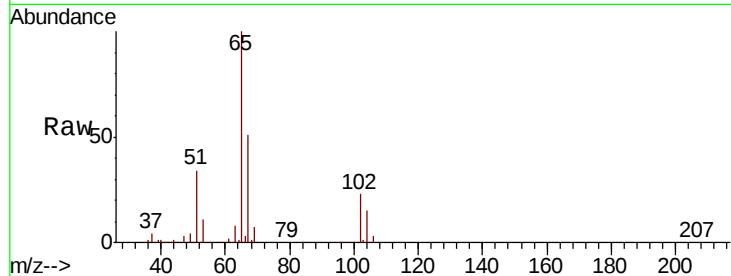
ClientSampleId :

Tot Ion: 65 Resp: 91684

Ion Ratio Lower Upper

65 100

67 52.3 42.0 63.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

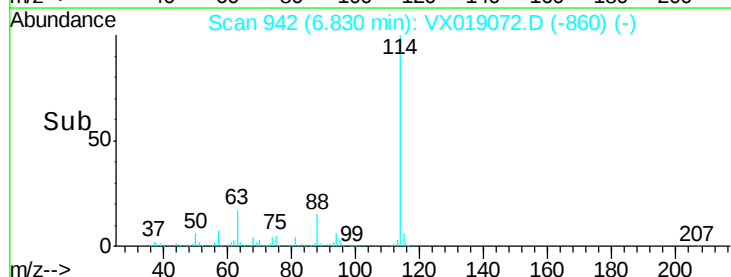
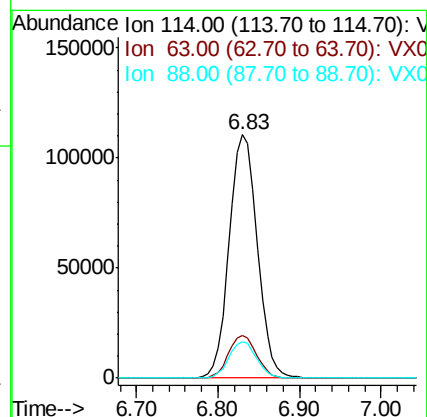
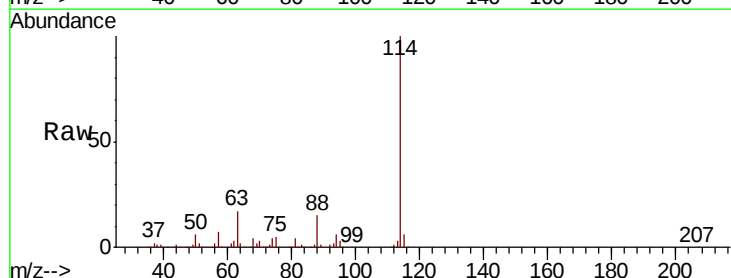
Tgt Ion: 114 Resp: 263197

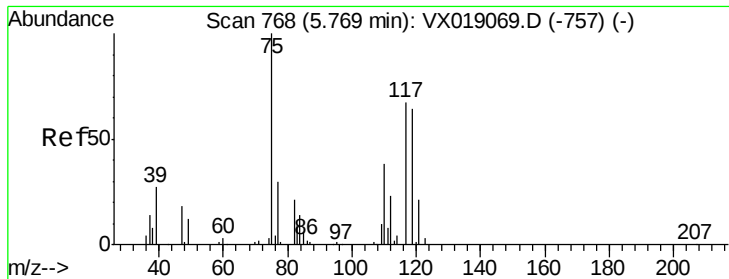
Ion Ratio Lower Upper

114 100

63 17.5 14.6 21.8

88 14.9 12.2 18.2

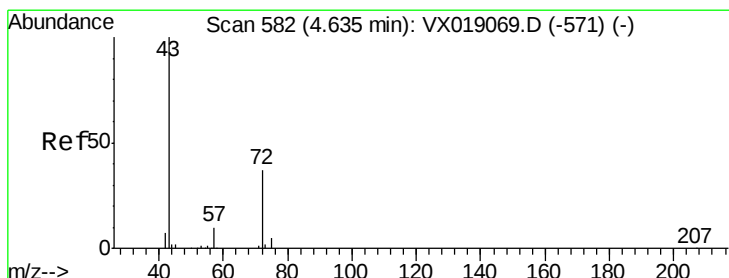
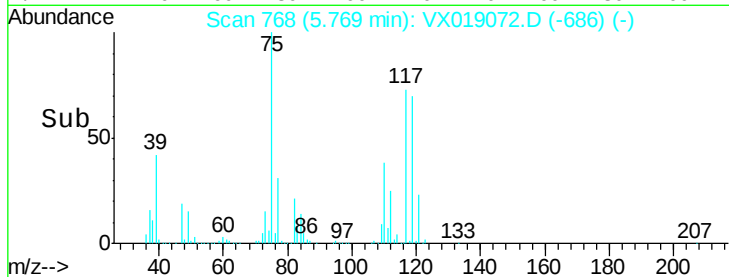
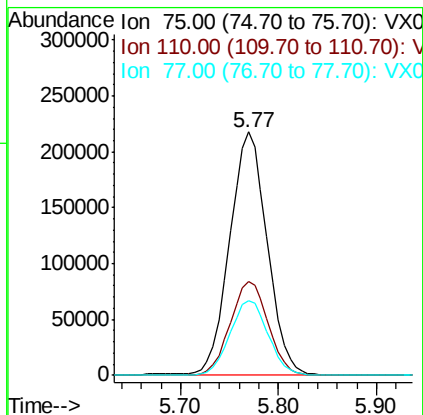
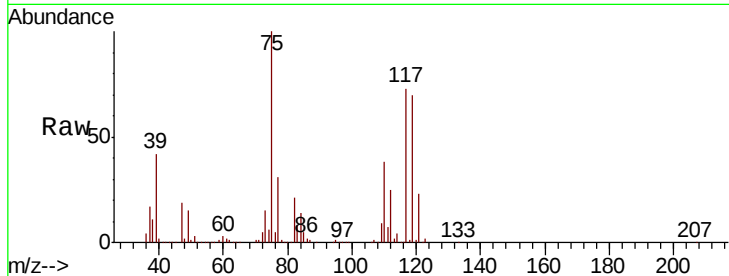




#29
 1,1-Dichloropropene
 Concen: 156.080 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

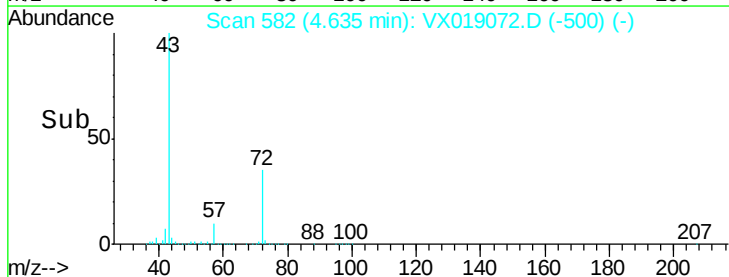
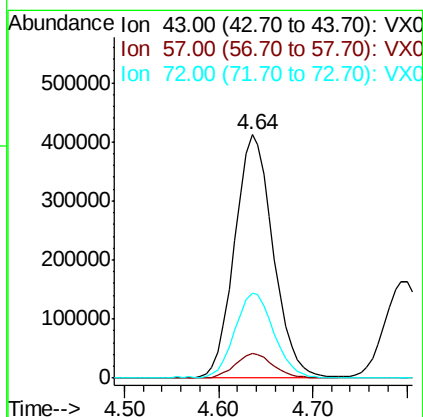
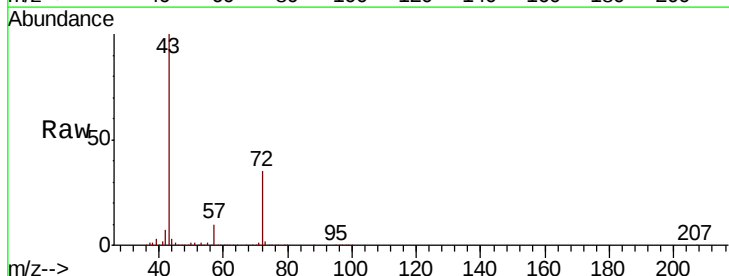
Instrument :
 MSVOA_X
 ClientSampleId :

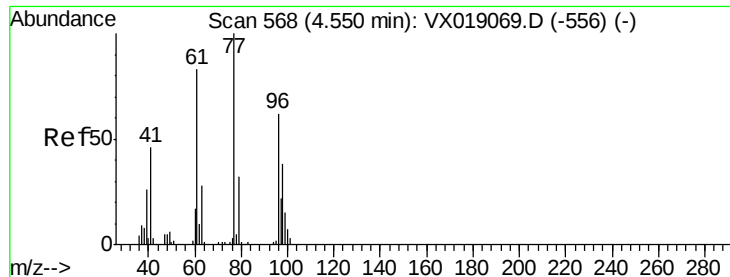
Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	77.4
77	31.1	0.0	62.8



#30
 2-Butanone
 Concen: 793.948 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.9	7.8	11.6
72	35.4	28.1	42.1





#31

2,2-Dichloropropane

Concen: 155.967 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

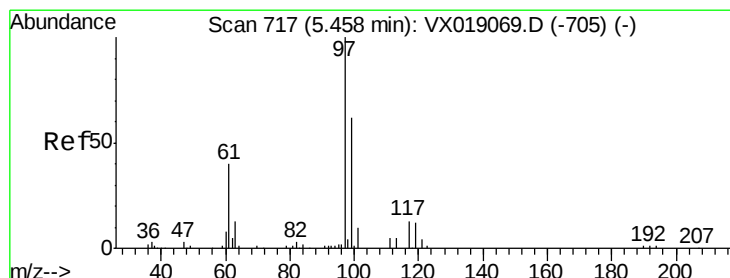
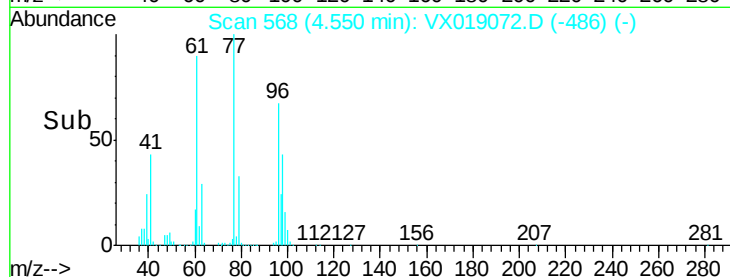
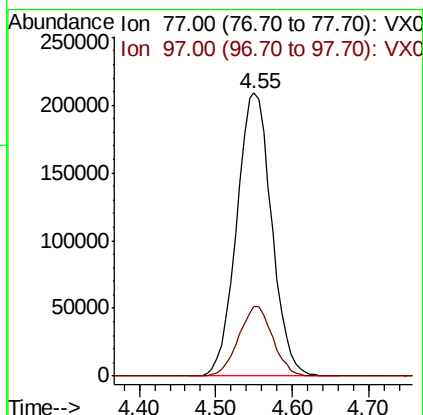
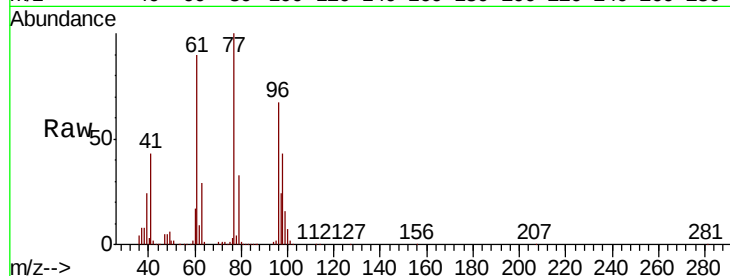
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 662596

Ion Ratio Lower Upper

77 100

97 24.2 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 158.802 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

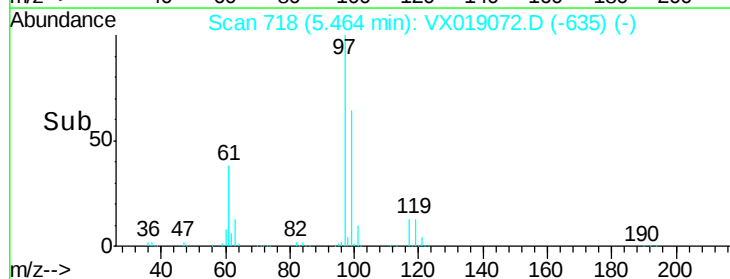
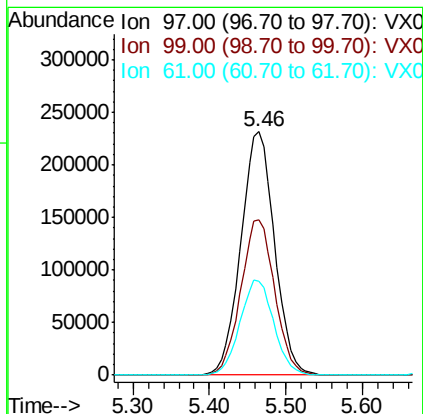
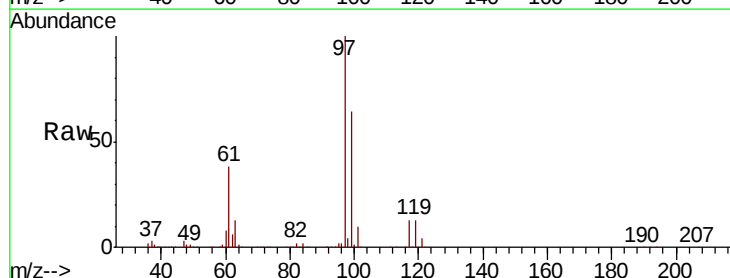
Tgt Ion: 97 Resp: 708692

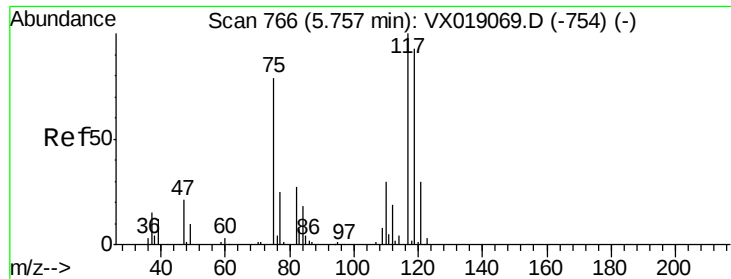
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

61 39.3 32.0 48.0

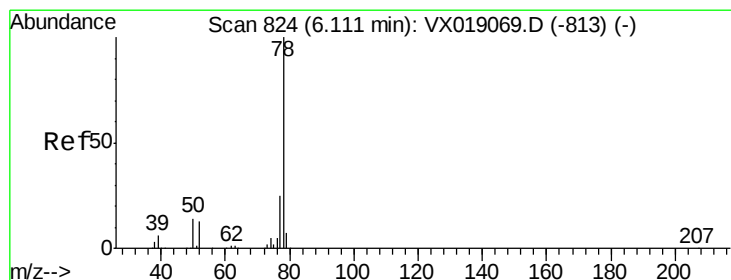
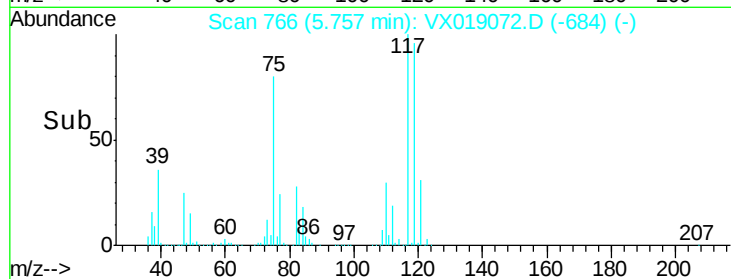
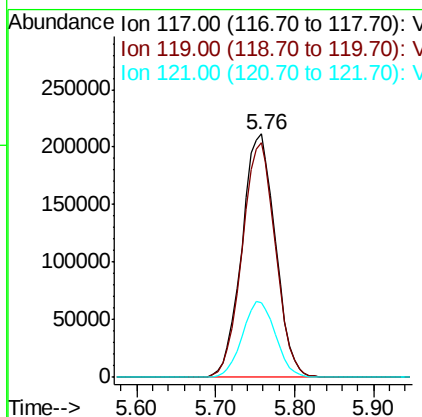
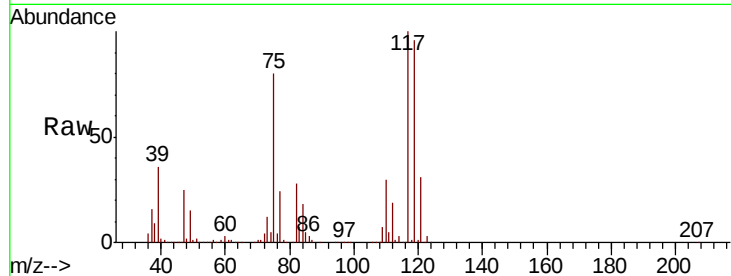




#33
Carbon Tetrachloride
Concen: 161.170 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

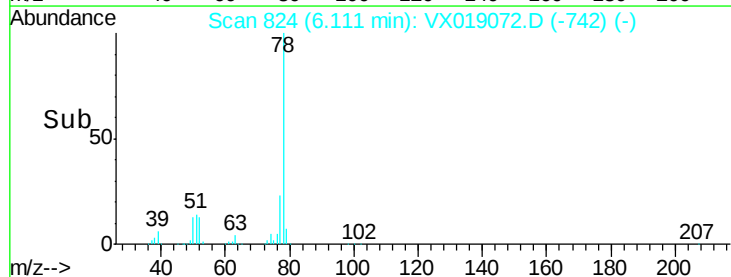
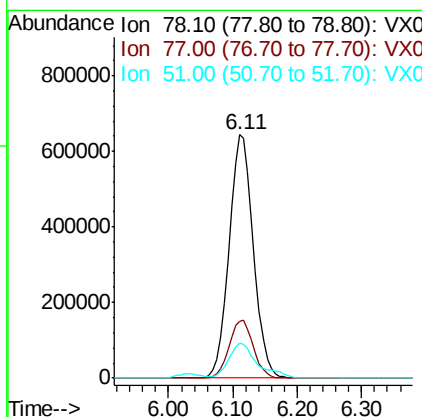
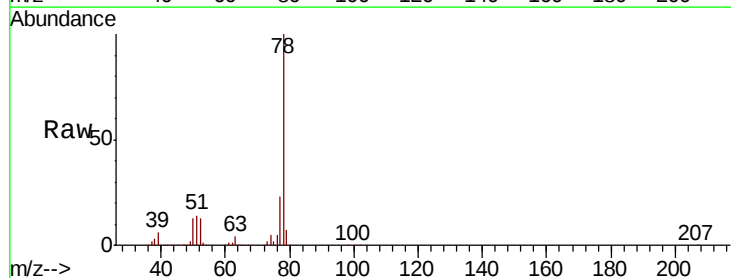
Instrument :
MSVOA_X
ClientSampled :

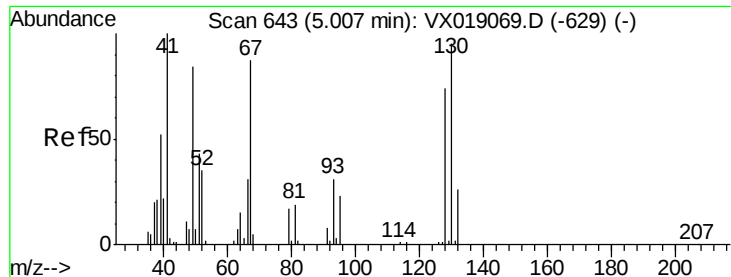
Tot Ion:117 Resp: 624190
Ion Ratio Lower Upper
117 100
119 96.3 74.5 111.7
121 30.9 24.1 36.1



#34
Benzene
Concen: 155.392 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 78 Resp: 1697662
Ion Ratio Lower Upper
78 100
77 23.4 20.1 30.1
51 14.3 11.0 16.4





#35

Methacrylonitrile

Concen: 157.691 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 252510

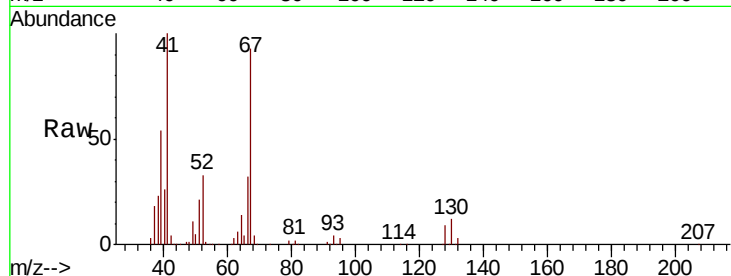
Ion Ratio Lower Upper

41 100

39 54.2 25.8 77.4

67 93.5 43.6 130.8

52 32.7 17.3 51.7

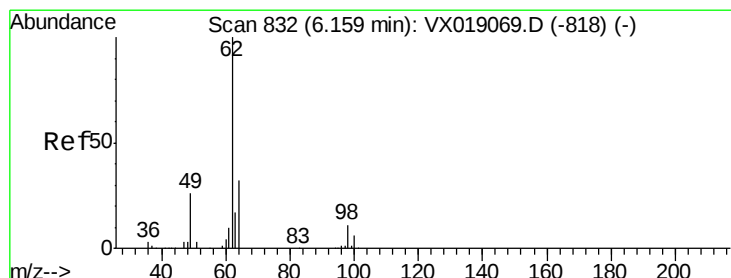
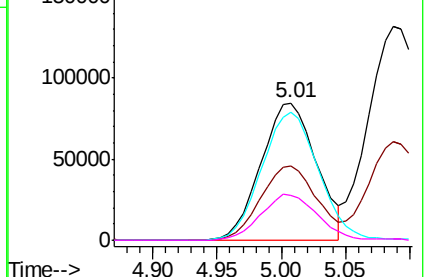
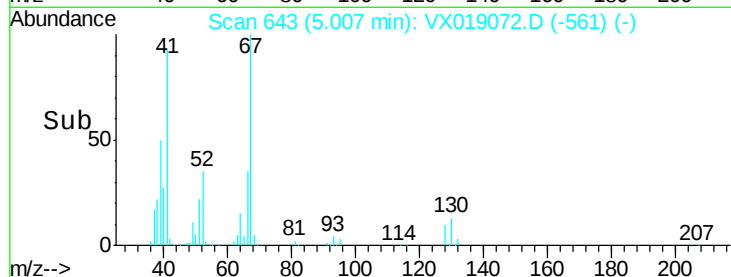


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 154.045 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX019072.D

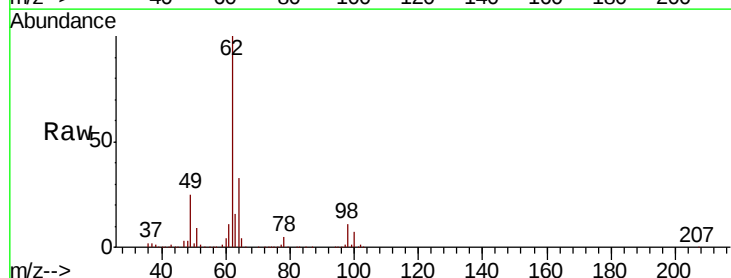
Acq: 23 Oct 2020 11:23

Tgt Ion: 62 Resp: 577307

Ion Ratio Lower Upper

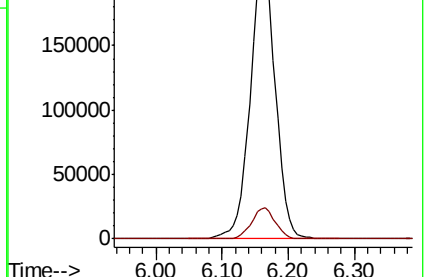
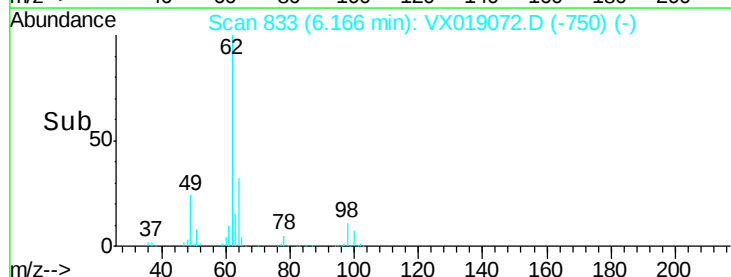
62 100

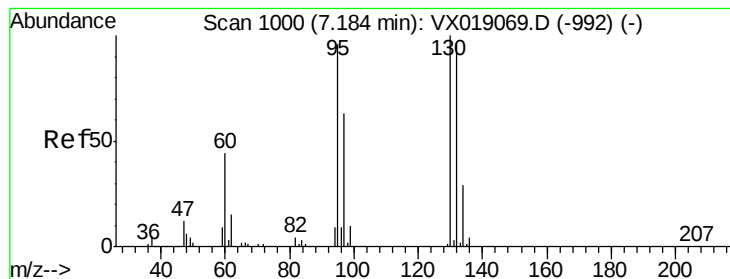
98 10.6 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 157.308 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

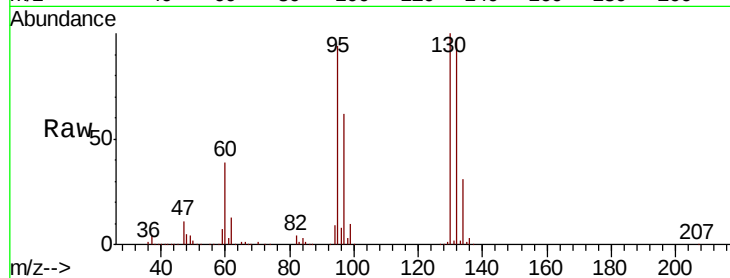
ClientSampleId :

Tot Ion:130 Resp: 493986

Ion Ratio Lower Upper

130 100

95 93.6 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

250000

200000

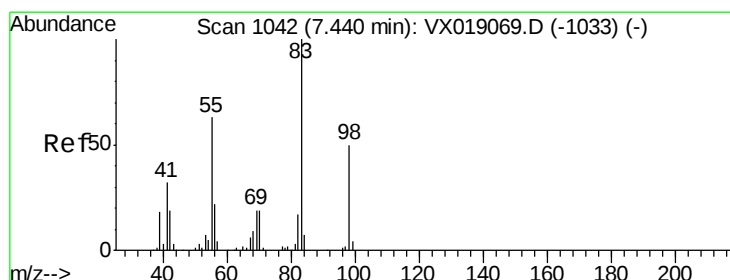
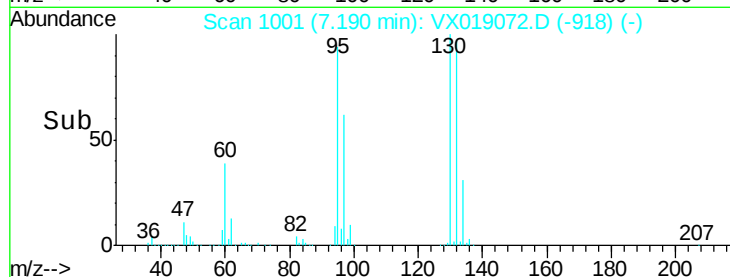
150000

100000

50000

0

Time--> 7.10 7.20 7.30



#38

Methylcyclohexane

Concen: 156.739 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

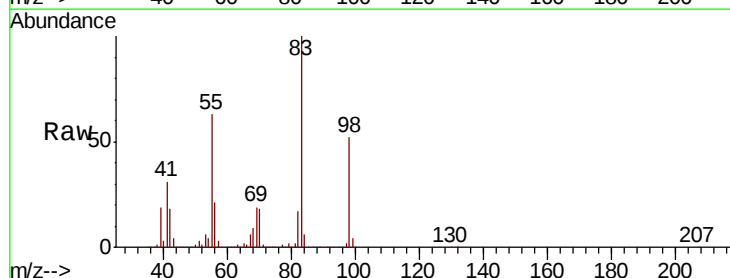
Tgt Ion: 83 Resp: 652339

Ion Ratio Lower Upper

83 100

55 64.4 32.3 96.8

98 51.2 25.7 77.1



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

7.44

400000

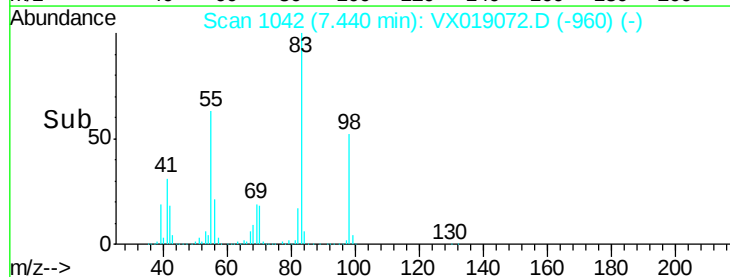
300000

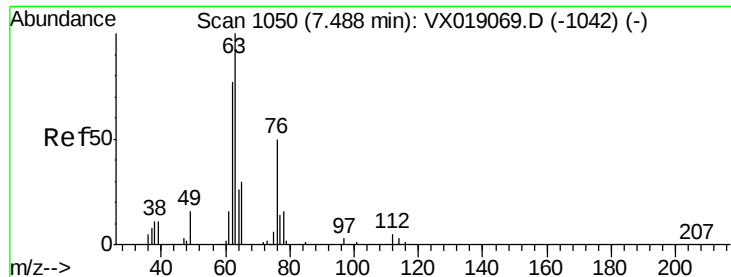
200000

100000

0

Time--> 7.30 7.40 7.50





#39

1,2-Dichloropropane

Concen: 156.852 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

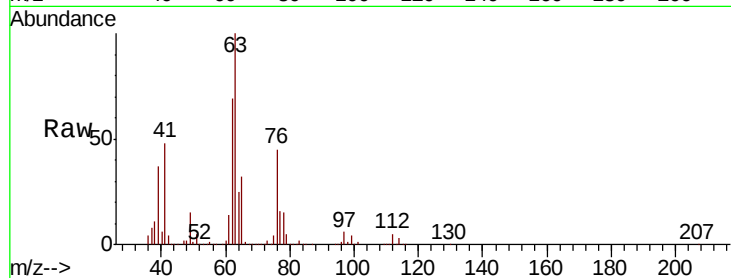
ClientSampled :

Tot Ion: 63 Resp: 397773

Ion Ratio Lower Upper

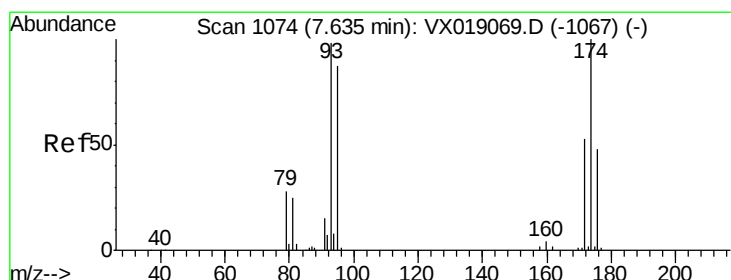
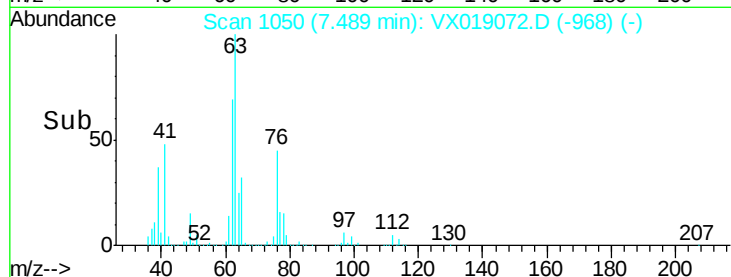
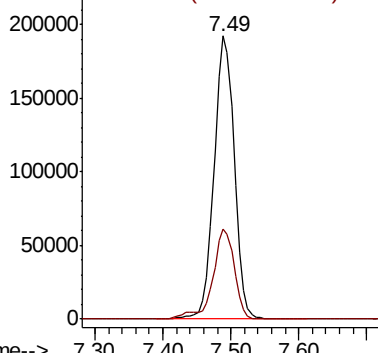
63 100

65 31.8 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 155.872 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

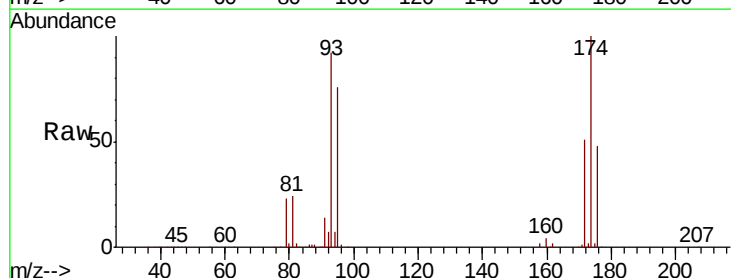
Tgt Ion: 93 Resp: 306777

Ion Ratio Lower Upper

93 100

95 83.1 0.0 169.0

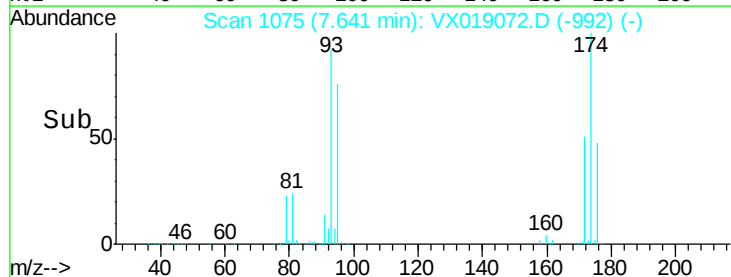
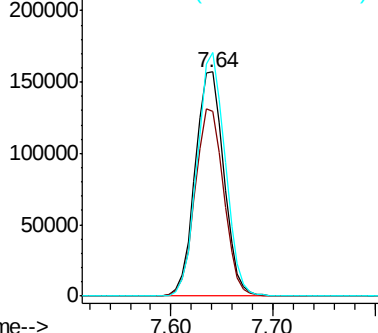
174 105.4 0.0 205.4

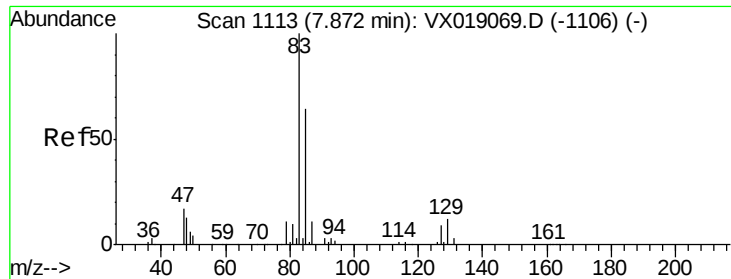


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

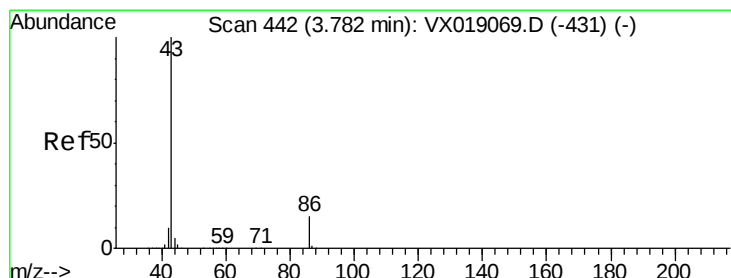
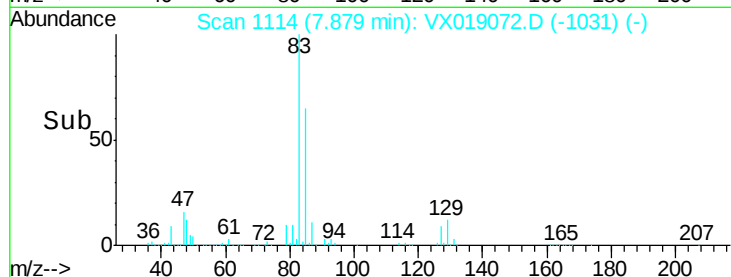
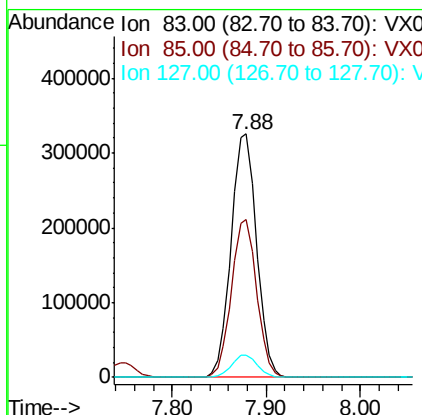
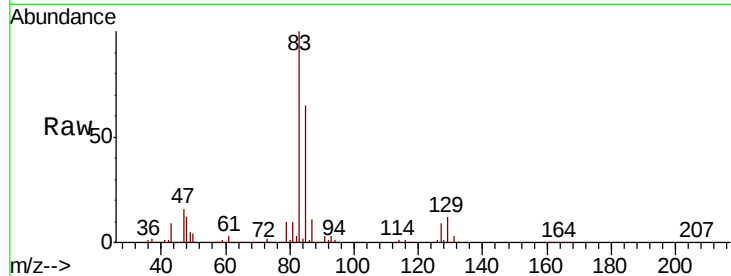




#41
 Bromodichloromethane
 Concen: 157.747 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

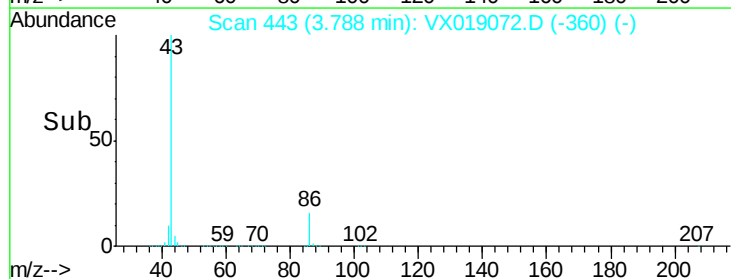
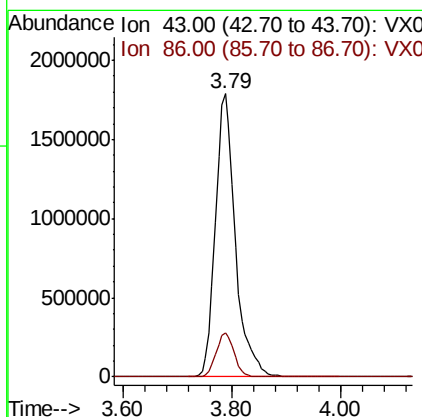
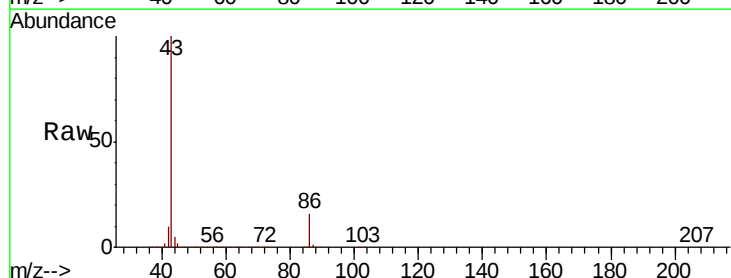
Instrument :
 MSVOA_X
 ClientSampleId :

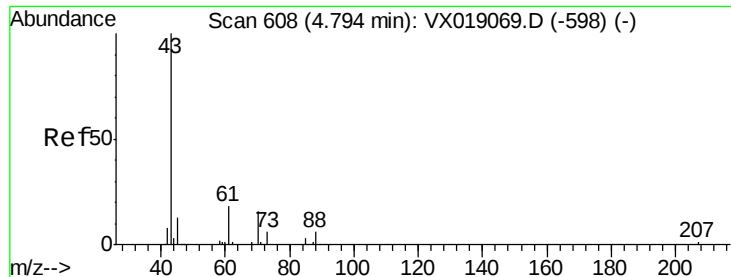
Tot Ion: 83 Resp: 613804
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.2 76.8
 127 9.1 7.1 10.7



#42
 Vinyl Acetate
 Concen: 790.445 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion: 43 Resp: 4549399
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 15.8

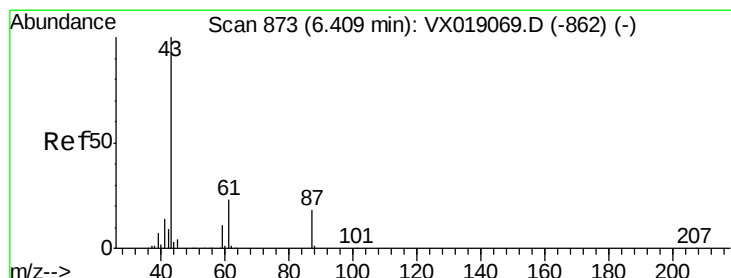
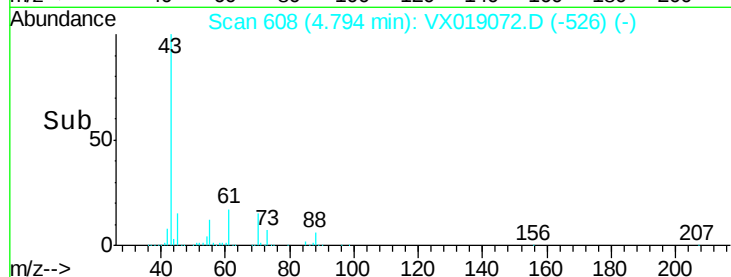
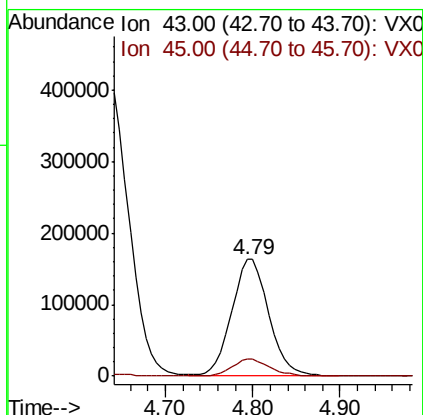
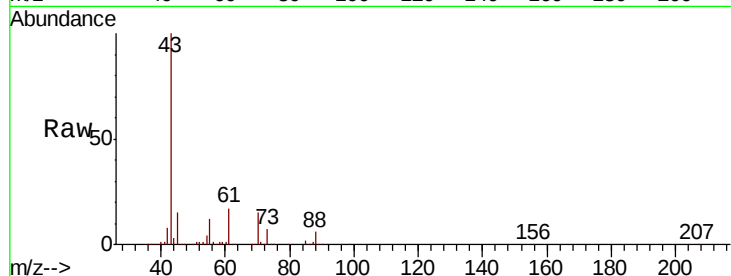




#43
Ethyl Acetate
Concen: 153.662 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

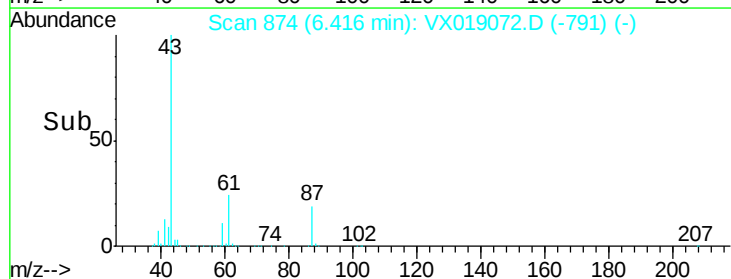
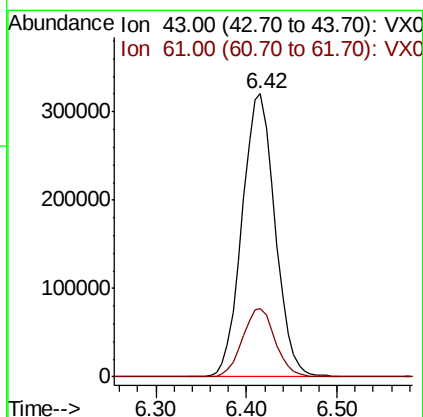
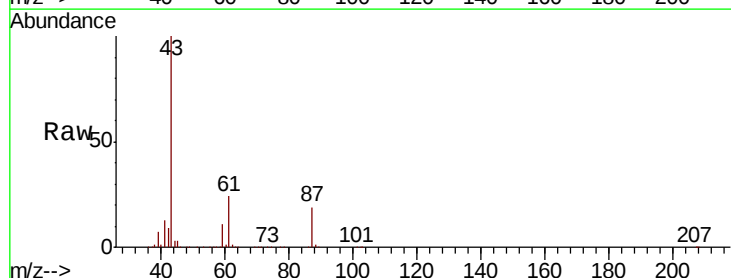
Instrument :
MSVOA_X
ClientSampled :

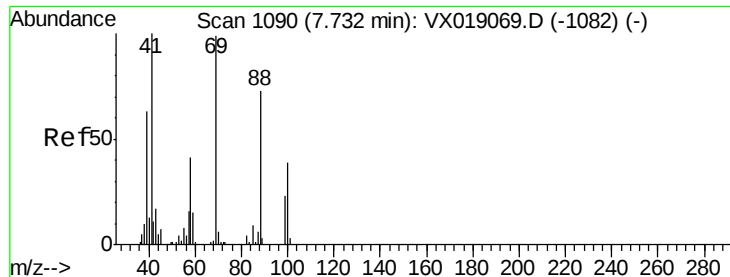
Tot Ion: 43 Resp: 476824
Ion Ratio Lower Upper
43 100
45 15.4 12.7 19.1



#44
Isopropyl Acetate
Concen: 155.071 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 43 Resp: 805784
Ion Ratio Lower Upper
43 100
61 24.1 19.1 28.7





#45

1,4-Dioxane

Concen: 3356.954 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :

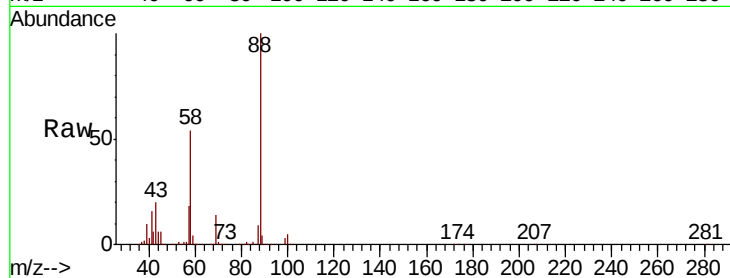
Tot Ion: 88 Resp: 183348

Ion Ratio Lower Upper

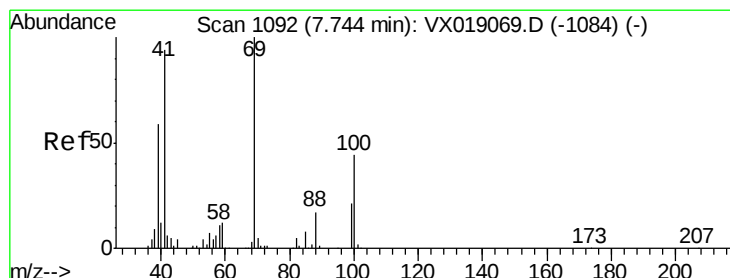
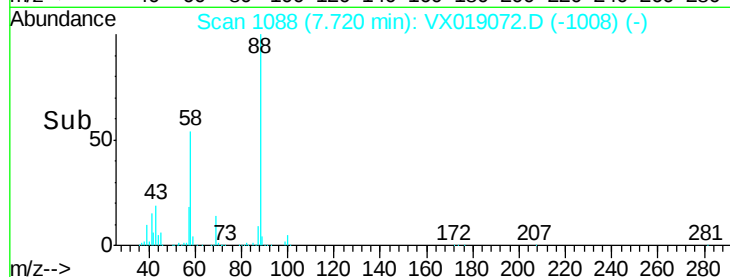
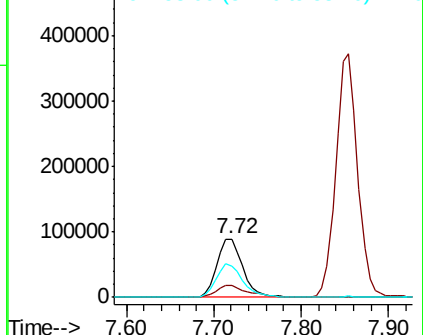
88 100

43 24.4 20.5 30.7

58 58.4 47.4 71.2



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



#46

Methyl methacrylate

Concen: 154.973 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

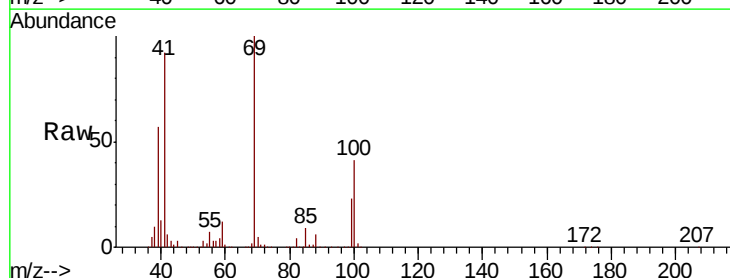
Tgt Ion: 41 Resp: 381135

Ion Ratio Lower Upper

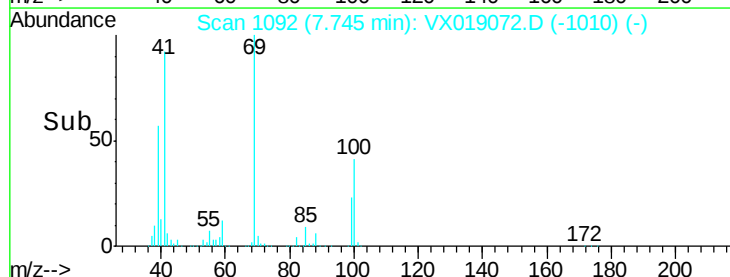
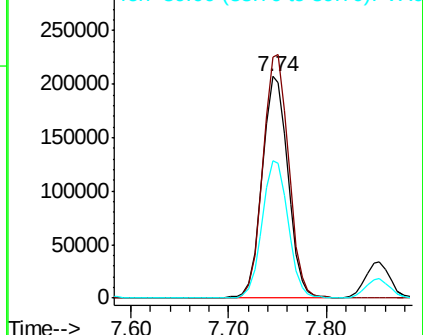
41 100

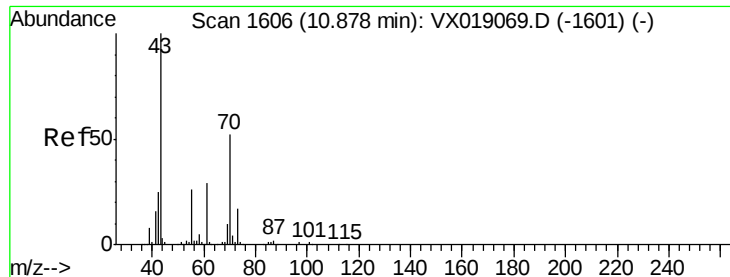
69 109.0 53.1 159.4

39 62.0 31.3 93.9



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





#47

n-amvl Acetate

Concen: 166.458 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

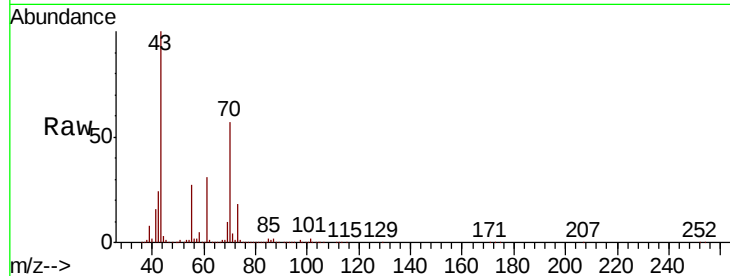
ClientSampleId :

Tot Ion: 43 Resp: 693800

Ion Ratio Lower Upper

43 100

55 26.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.88

600000

500000

400000

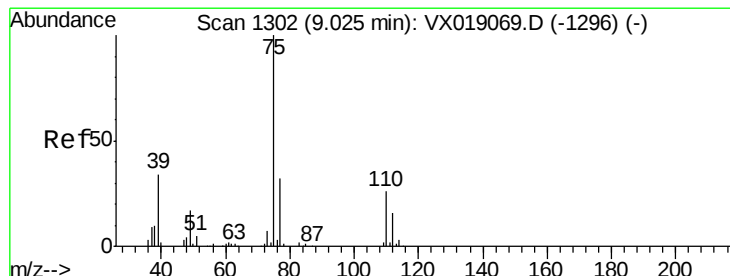
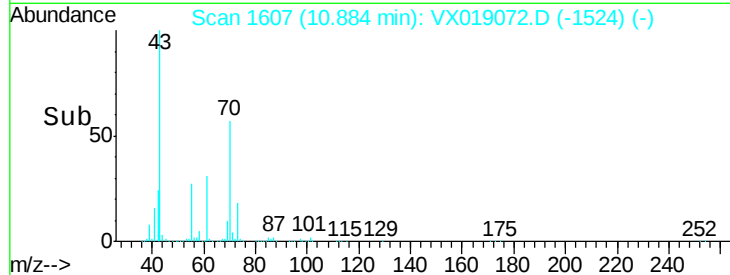
300000

200000

100000

0

Time--> 10.80 10.90 11.00



#48

t-1,3-Dichloropropene

Concen: 158.214 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019072.D

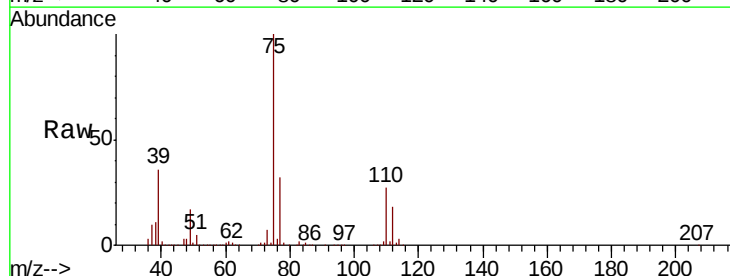
Acq: 23 Oct 2020 11:23

Tgt Ion: 75 Resp: 689190

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

500000

400000

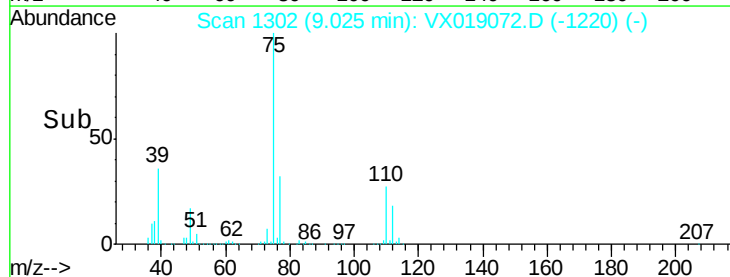
300000

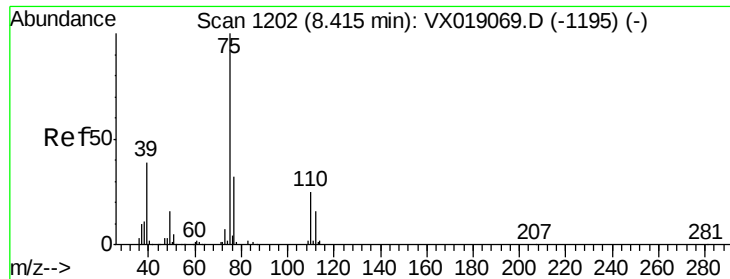
200000

100000

0

Time--> 9.00 9.10



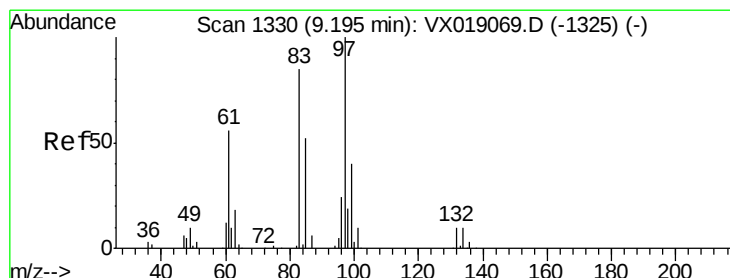
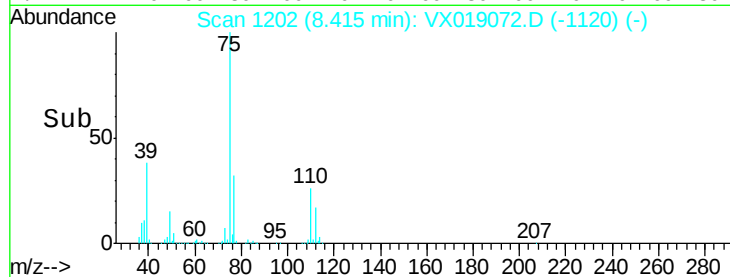
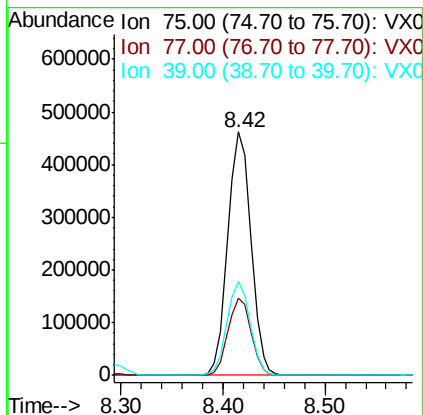
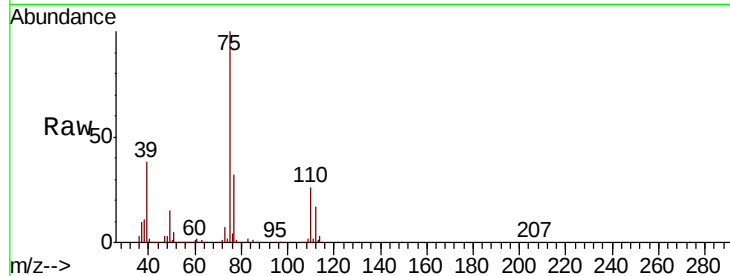


#49

cis-1,3-Dichloropropene
Concen: 157.161 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :

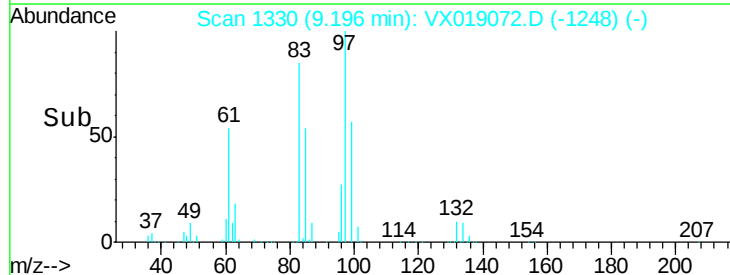
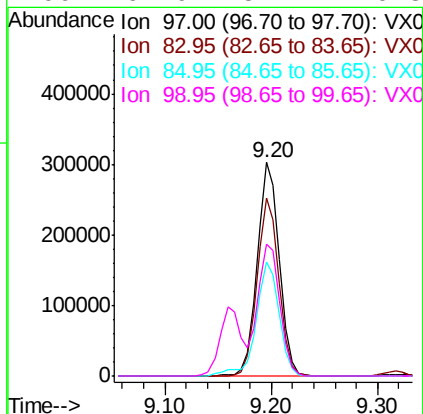
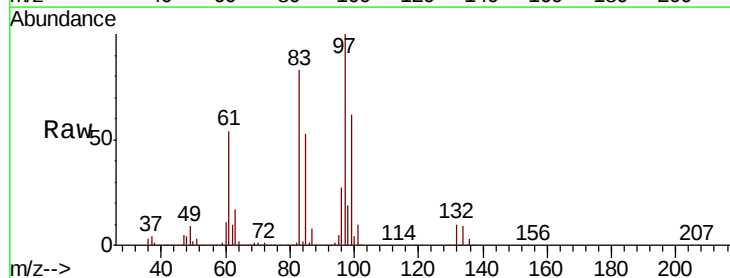
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.8
39	38.4	31.0	46.6

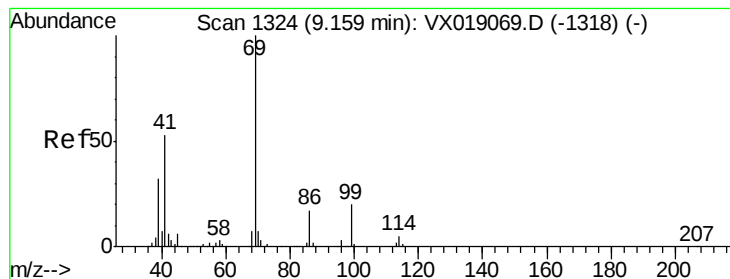


#50

1,1,2-Trichloroethane
Concen: 154.272 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.8	101.6
85	53.4	43.5	65.3
99	61.9	51.2	76.8





#51

Ethyl methacrylate

Concen: 156.906 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

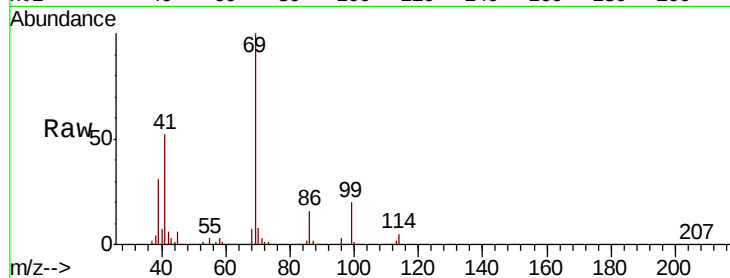
Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 652656

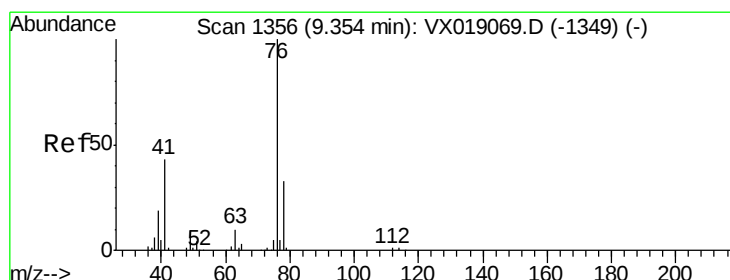
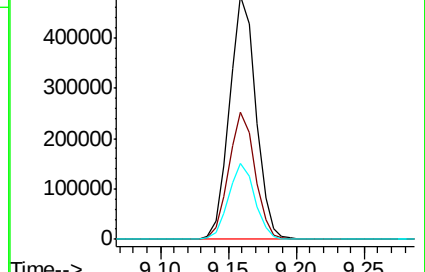
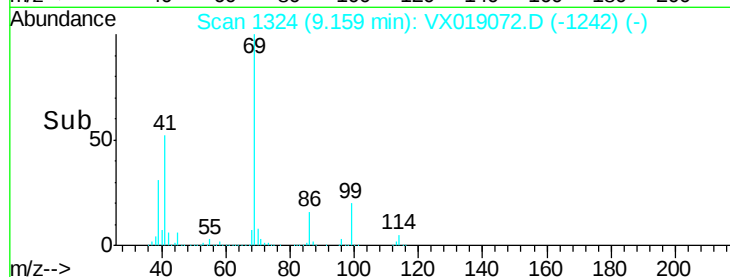
Ion	Ratio	Lower	Upper
69	100		
41	52.3	26.5	79.4
39	31.3	16.2	48.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 151.123 ug/l

RT: 9.35 min Scan# 1356

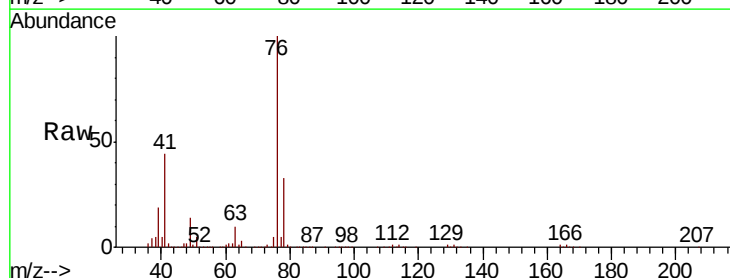
Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

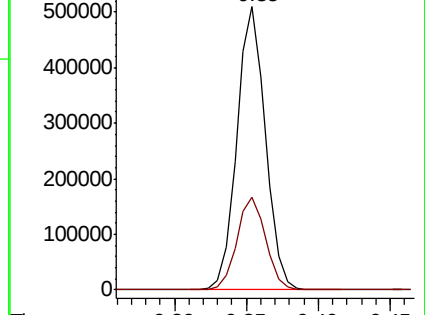
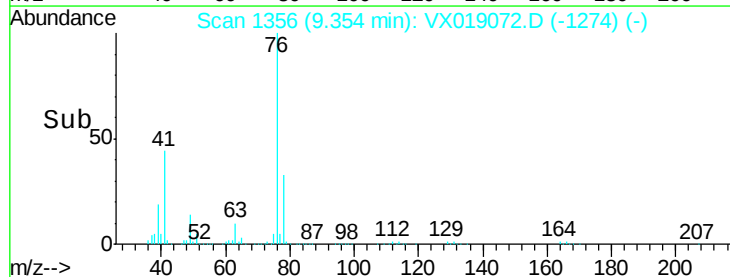
Tgt Ion: 76 Resp: 701819

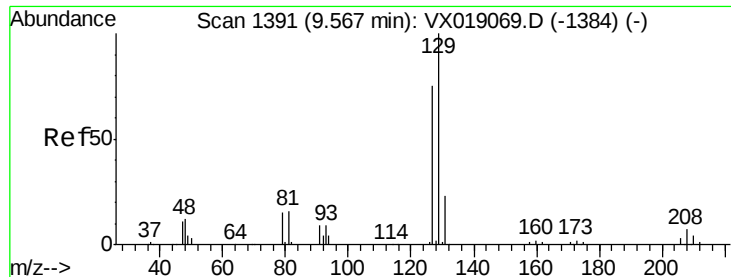
Ion	Ratio	Lower	Upper
76	100		
78	33.0	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

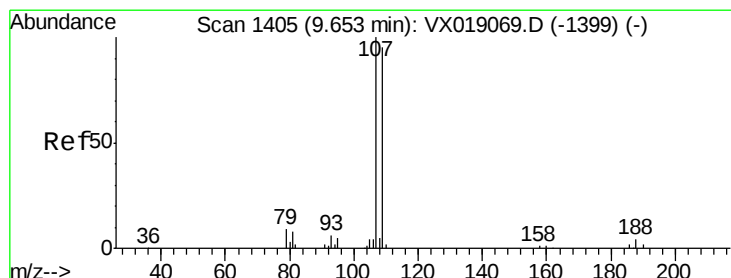
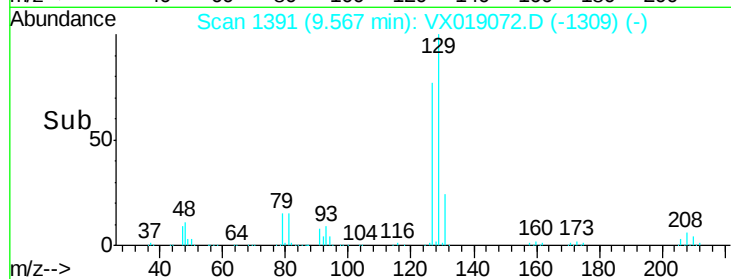
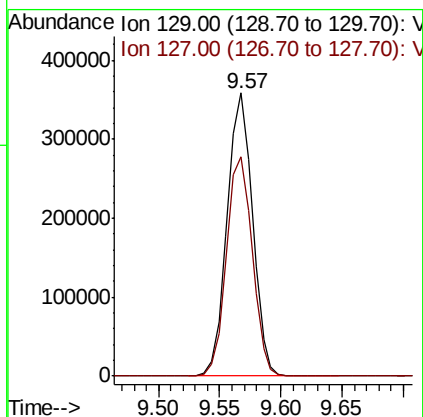
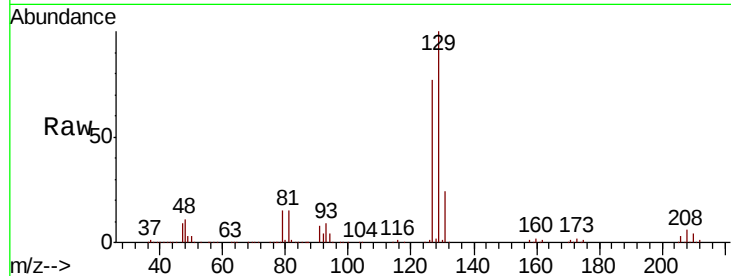




#53
 Dibromochloromethane
 Concen: 162.444 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

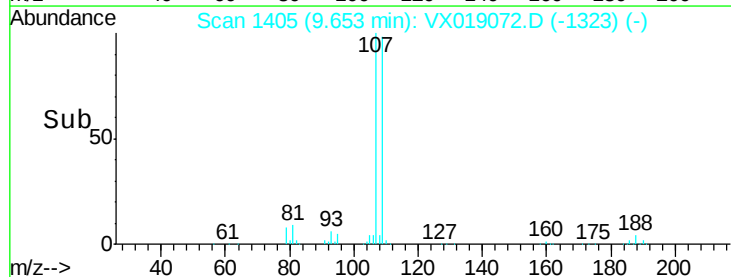
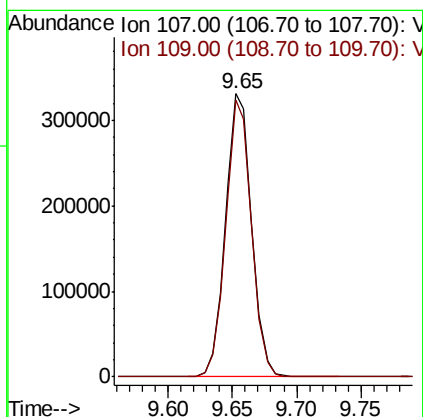
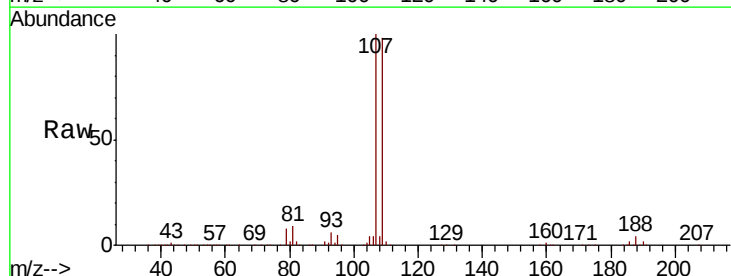
Instrument :
 MSVOA_X
 ClientSampleId :

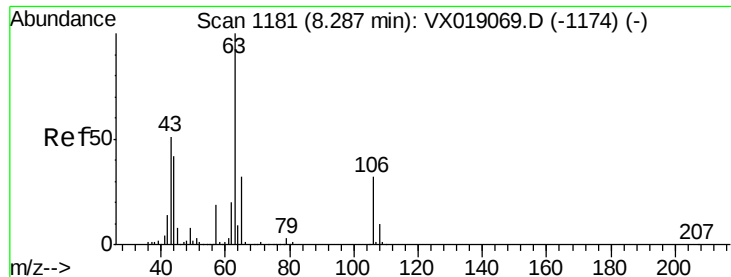
Tot Ion:129 Resp: 515505
 Ion Ratio Lower Upper
 129 100
 127 78.6 38.4 115.1



#54
 1,2-Dibromoethane
 Concen: 151.919 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion:107 Resp: 470589
 Ion Ratio Lower Upper
 107 100
 109 96.3 74.6 112.0



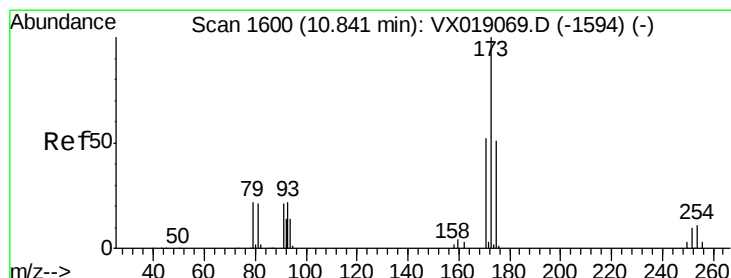
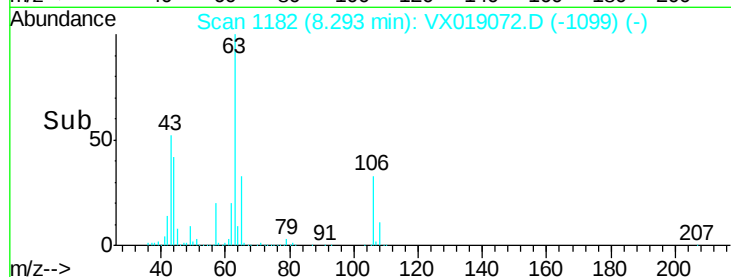
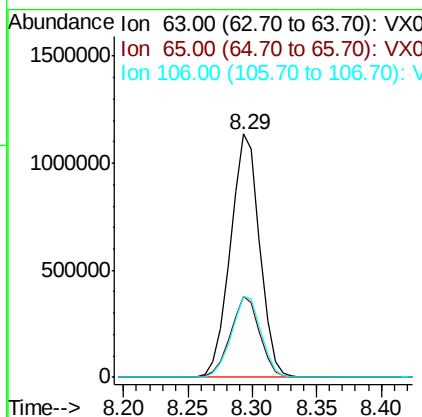
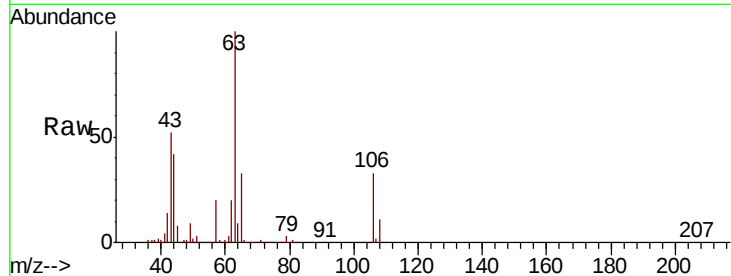


#55
 2-Chloroethyl vinyl ether
 Concen: 811.018 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 1802845

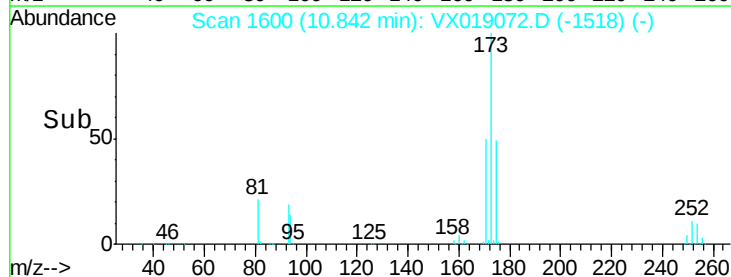
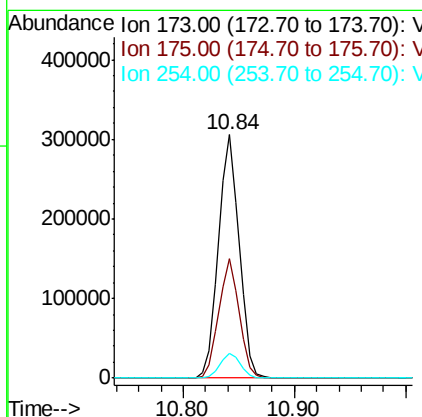
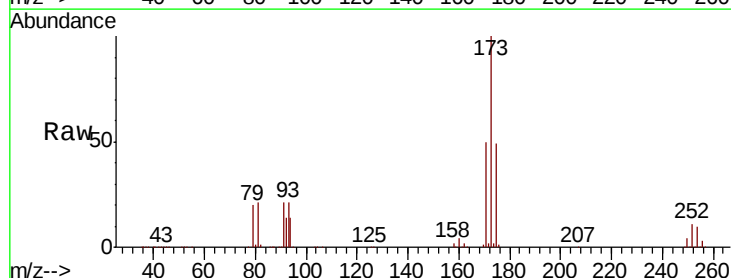
Ion	Ratio	Lower	Upper
63	100		
65	33.1	26.0	39.0
106	33.5	25.9	38.9

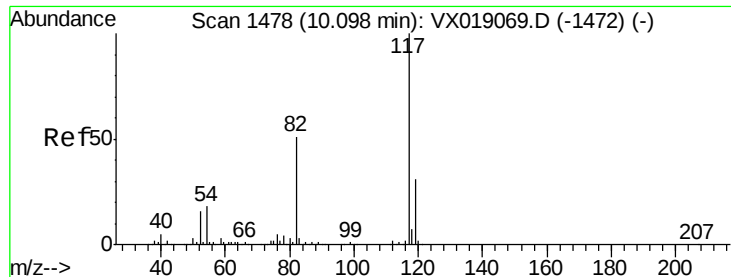


#56
 Bromoform
 Concen: 177.400 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion: 173 Resp: 393571

Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.6	59.4
254	10.3	8.6	13.0

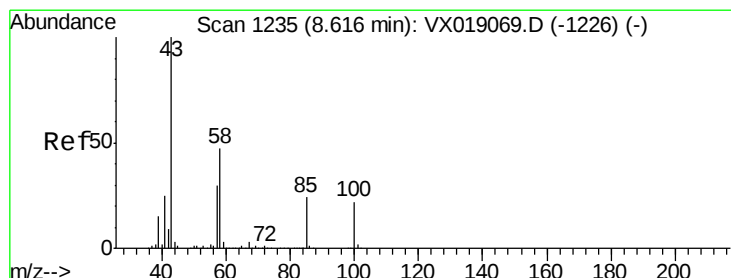
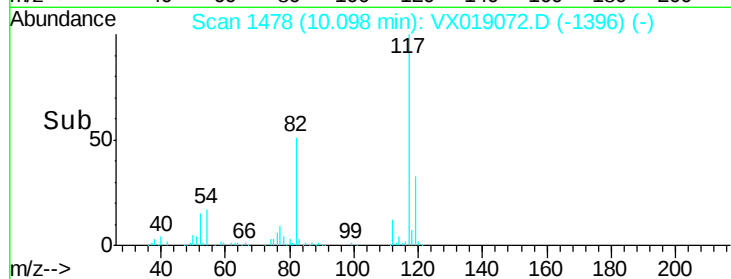
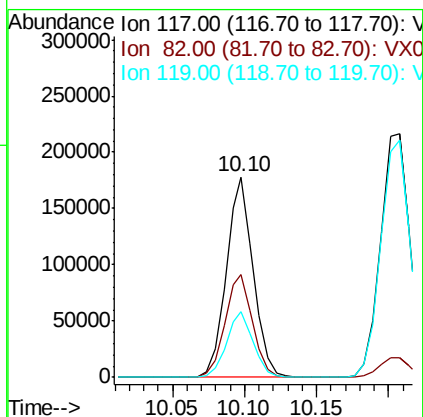
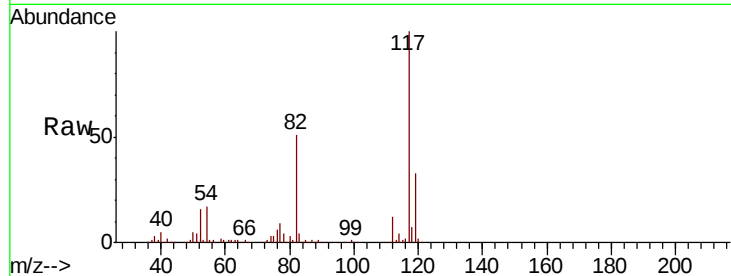




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

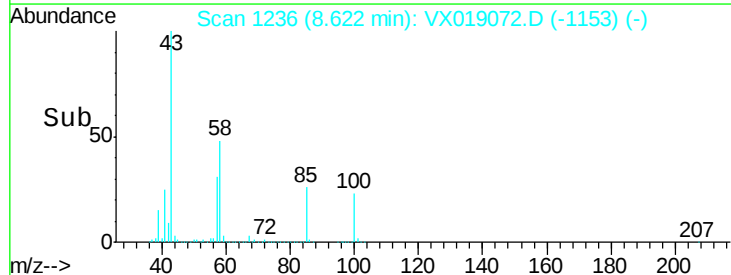
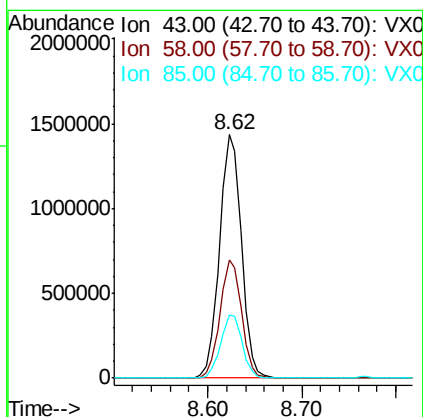
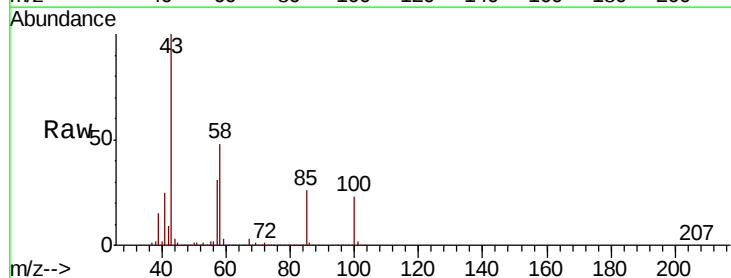
Instrument :
MSVOA_X
ClientSampled :

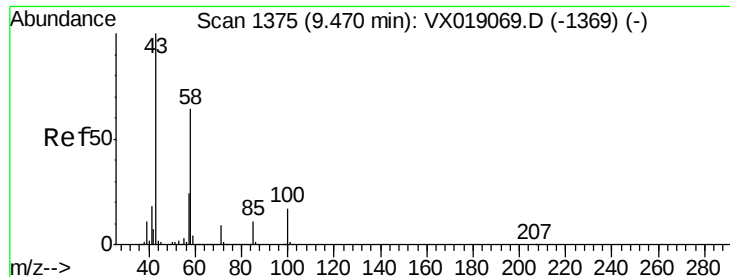
Tot Ion:117 Resp: 231748
Ion Ratio Lower Upper
117 100
82 52.3 42.5 63.7
119 32.6 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 789.986 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 43 Resp: 2308752
Ion Ratio Lower Upper
43 100
58 47.9 37.6 56.4
85 25.6 19.4 29.2

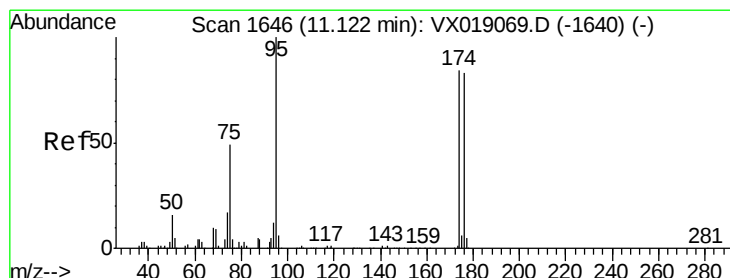
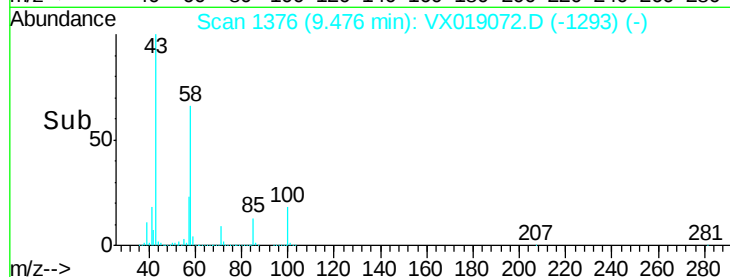
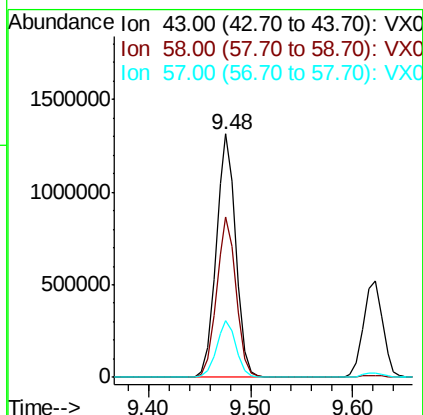
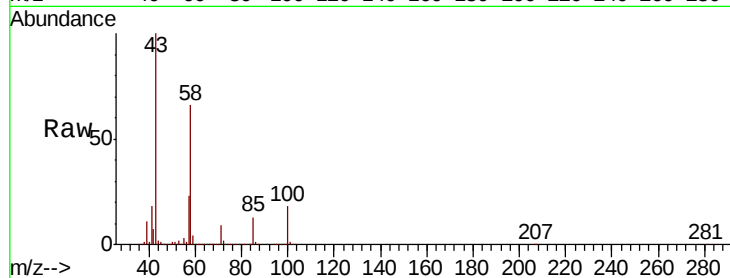




#59
2-Hexanone
Concen: 811.393 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

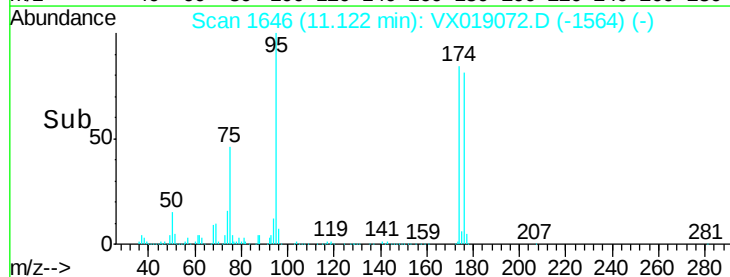
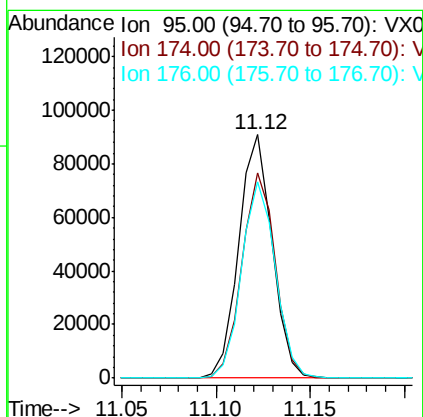
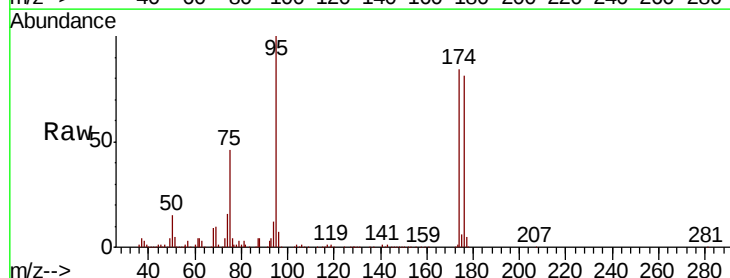
Instrument :
MSVOA_X
ClientSampleId :

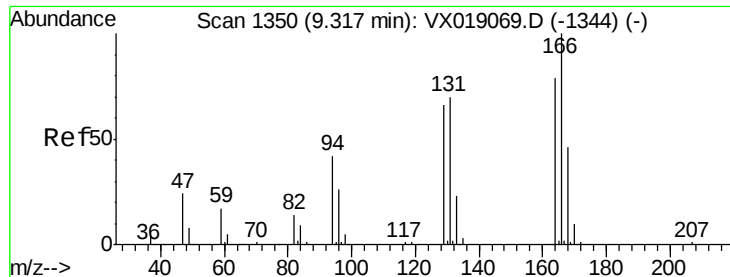
Tot Ion: 43 Resp: 1767052
Ion Ratio Lower Upper
43 100
58 65.7 51.9 77.9
57 23.1 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 32.073 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 95 Resp: 111562
Ion Ratio Lower Upper
95 100
174 84.5 66.3 99.5
176 81.9 65.5 98.3





#61

Tetrachloroethene

Concen: 153.420 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 421801

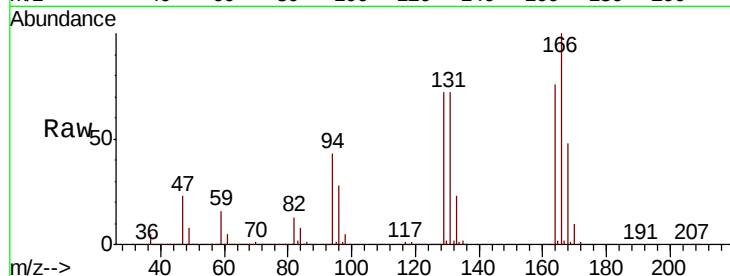
Ion Ratio Lower Upper

164 100

166 131.8 101.9 152.9

129 94.2 67.0 100.6

131 95.0 71.1 106.7

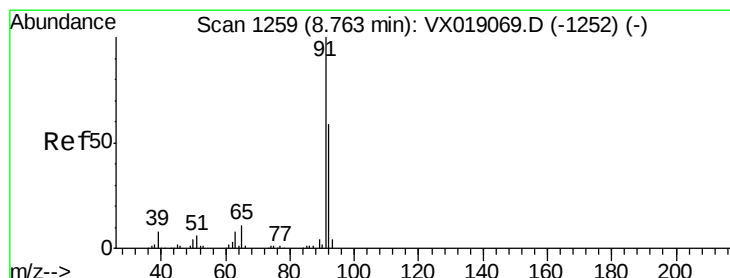
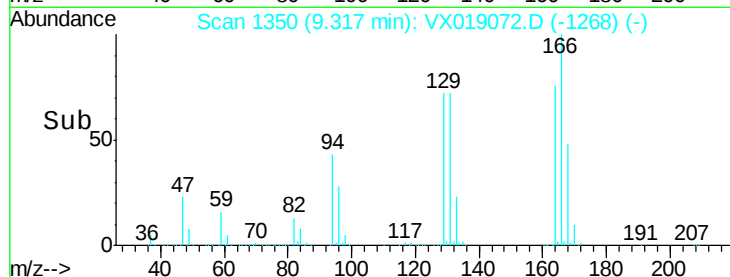
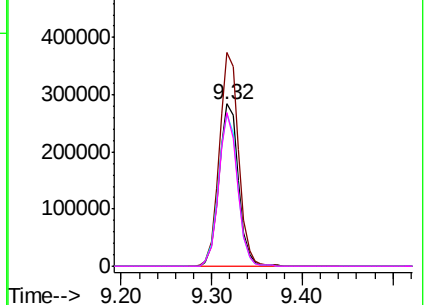


Abundance Ion 163.85 (163.55 to 164.55): V

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: 157.642 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019072.D

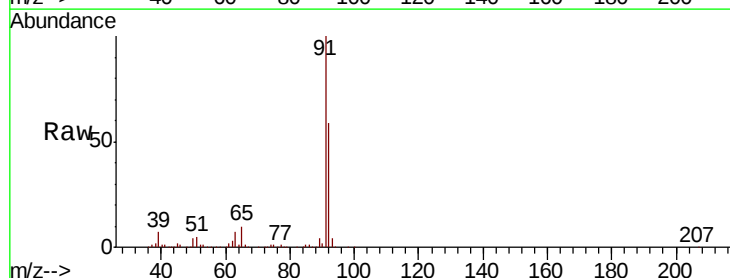
Acq: 23 Oct 2020 11:23

Tgt Ion: 91 Resp: 1920069

Ion Ratio Lower Upper

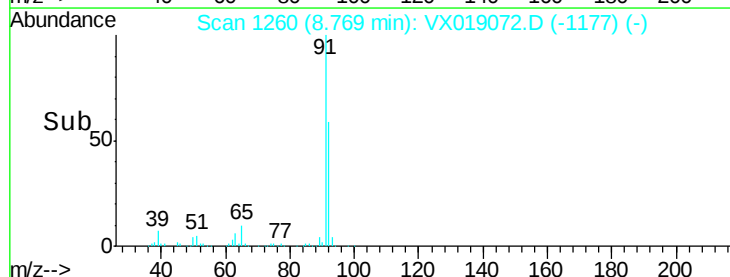
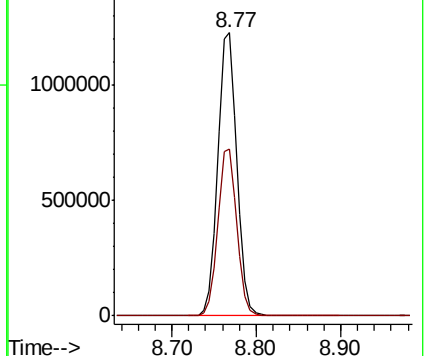
91 100

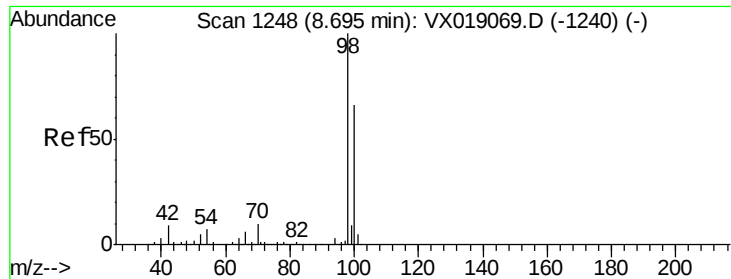
92 58.7 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.367 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

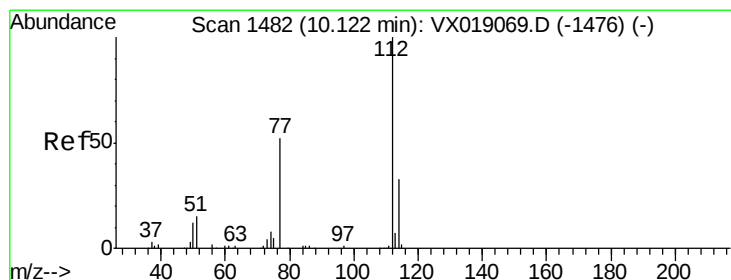
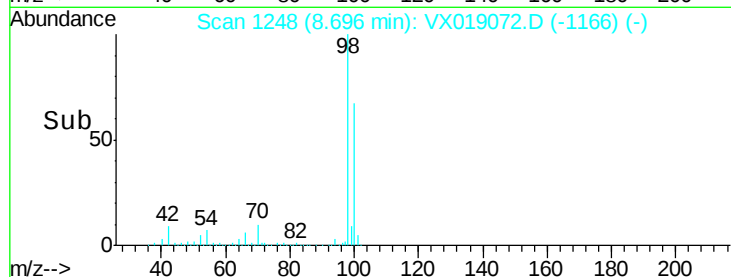
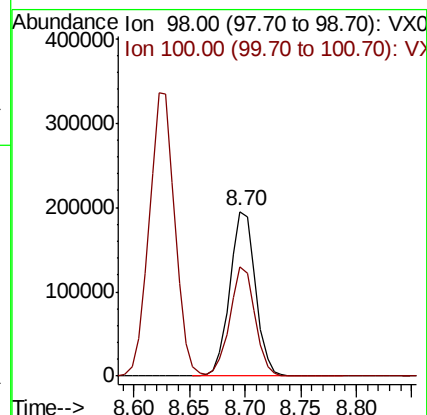
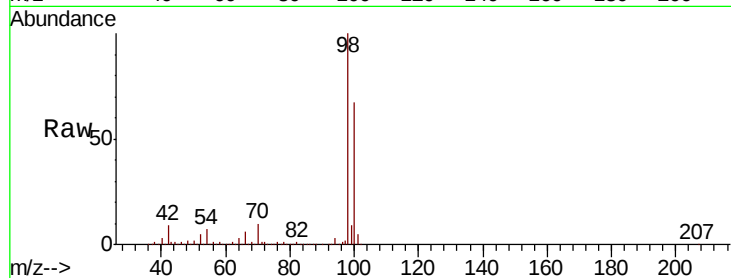
ClientSampleId :

Tot Ion: 98 Resp: 310717

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4



#64

Chlorobenzene

Concen: 158.647 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019072.D

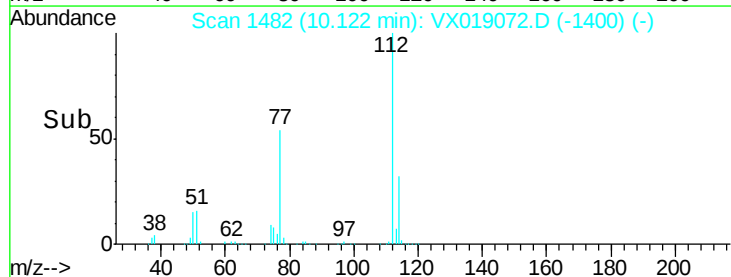
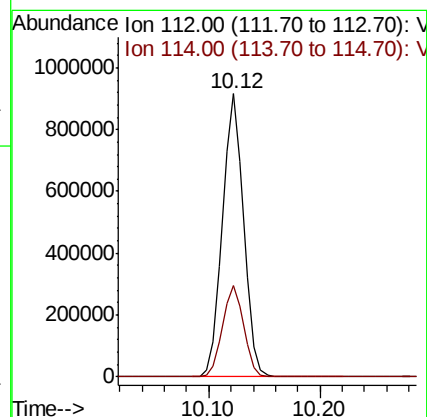
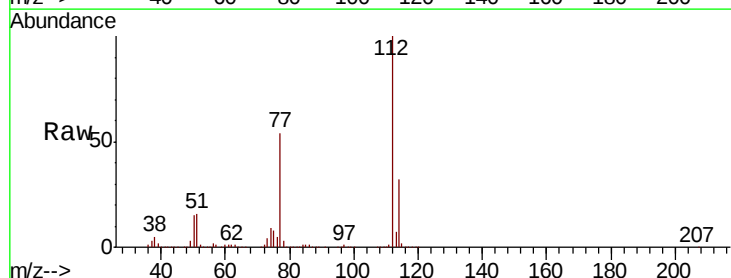
Acq: 23 Oct 2020 11:23

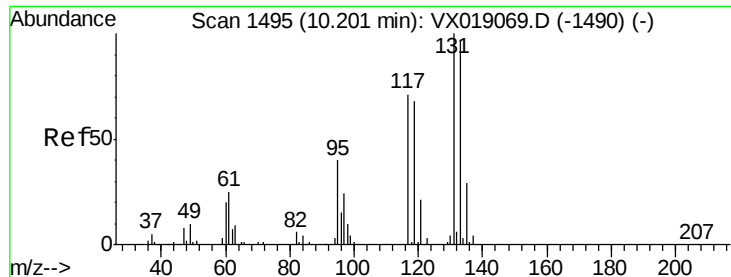
Tgt Ion: 112 Resp: 1201171

Ion Ratio Lower Upper

112 100

114 32.1 26.2 39.2

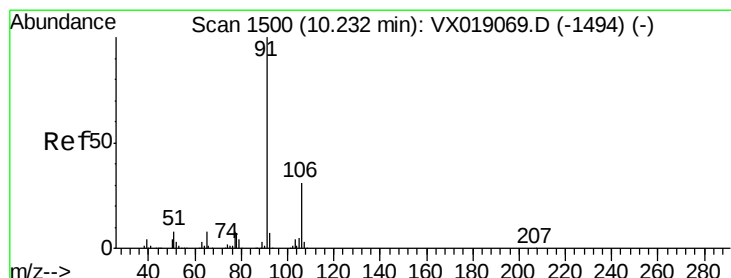
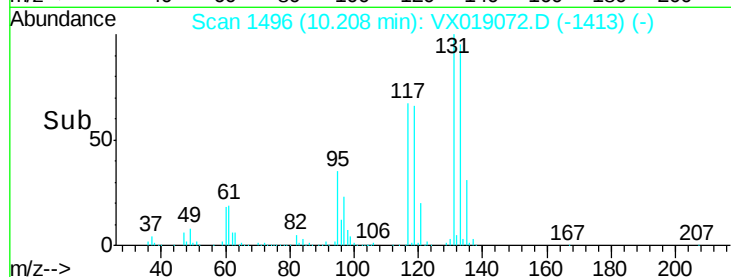
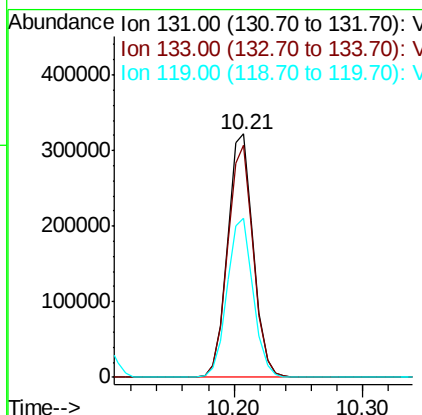
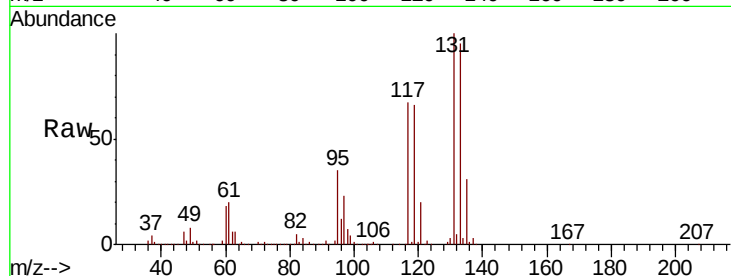




#65
 1,1,1,2-Tetrachloroethane
 Concen: 163.627 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

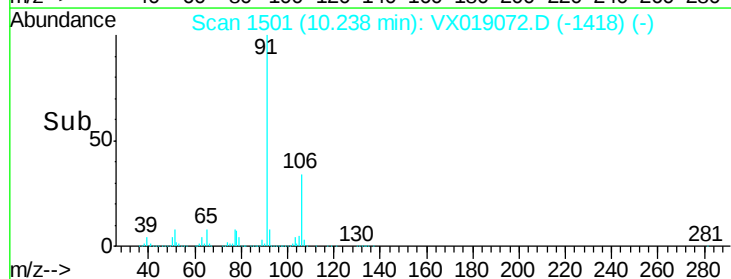
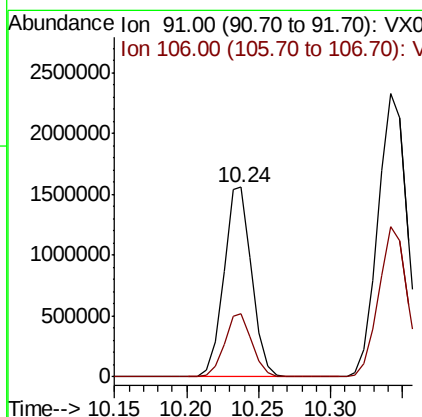
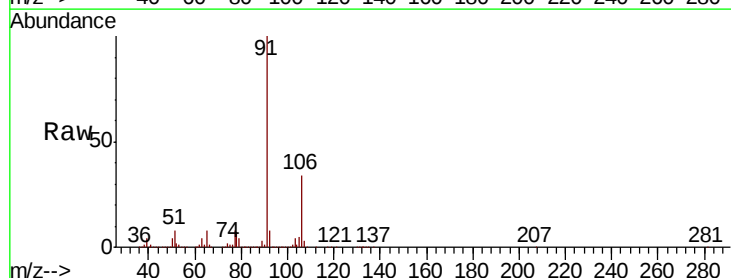
Instrument :
 MSVOA_X
 ClientSampleId :

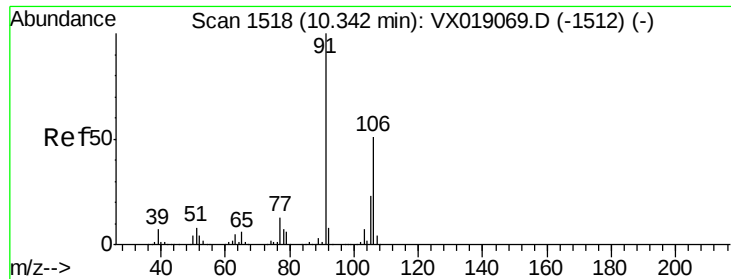
Tot Ion	Ratio	Lower	Upper
131	100		
133	94.9	0.0	191.6
119	65.7	0.0	130.0



#66
 Ethyl Benzene
 Concen: 158.365 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.7	24.7	37.1

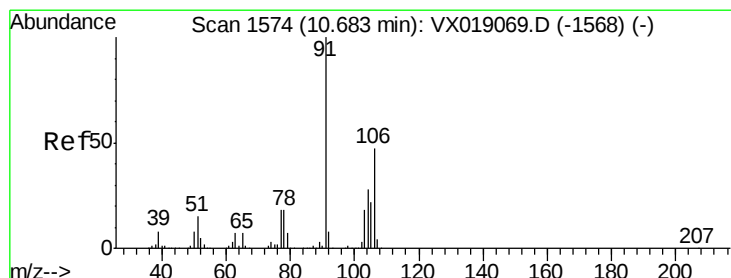
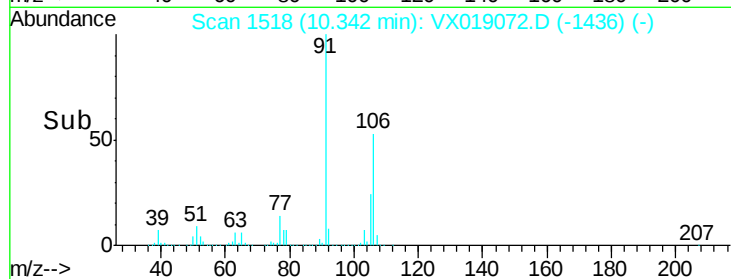
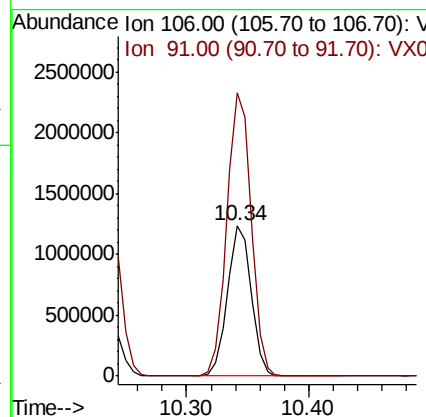
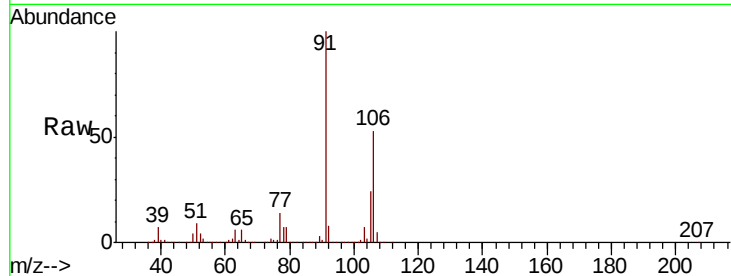




#67
m/p-Xylenes
Concen: 326.297 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

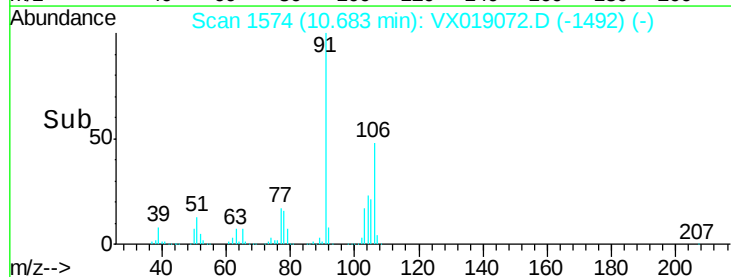
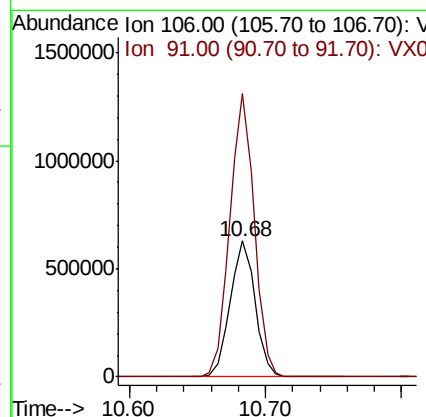
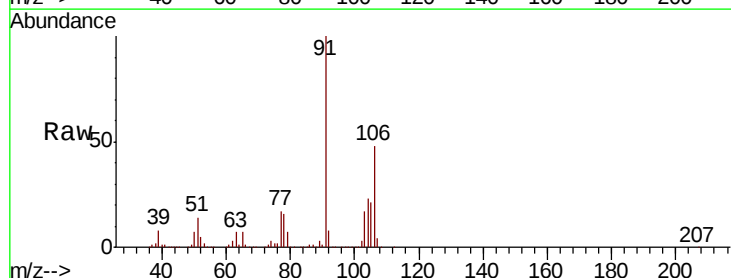
Instrument :
MSVOA_X
ClientSampleId :

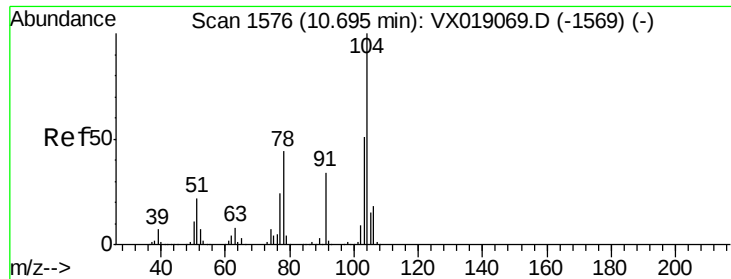
Tot Ion:106 Resp: 1661690
Ion Ratio Lower Upper
106 100
91 193.0 157.5 236.3



#68
o-Xylene
Concen: 164.478 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion:106 Resp: 798866
Ion Ratio Lower Upper
106 100
91 204.4 103.8 311.4

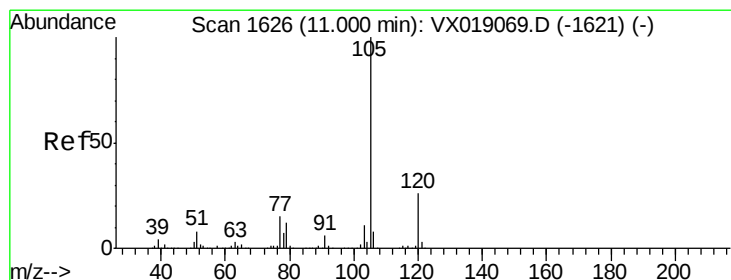
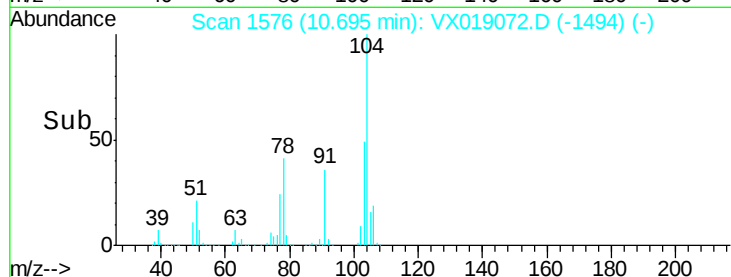
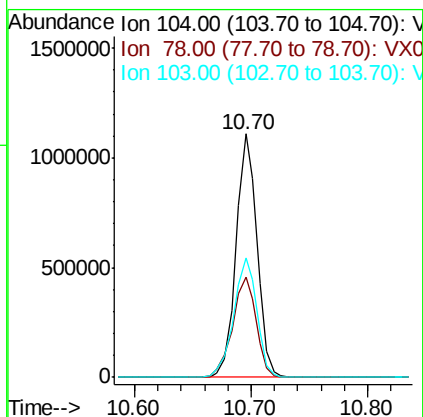
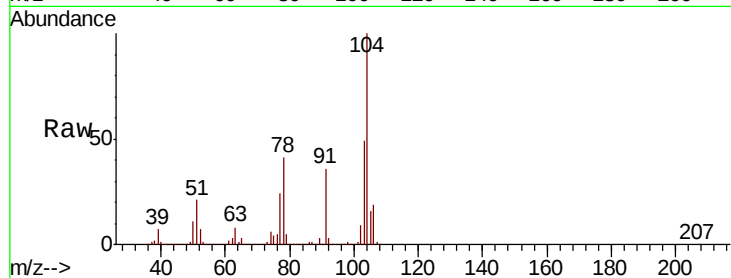




#69
Stvrene
Concen: 169.554 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

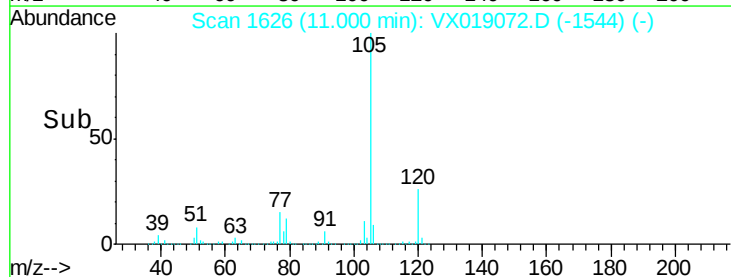
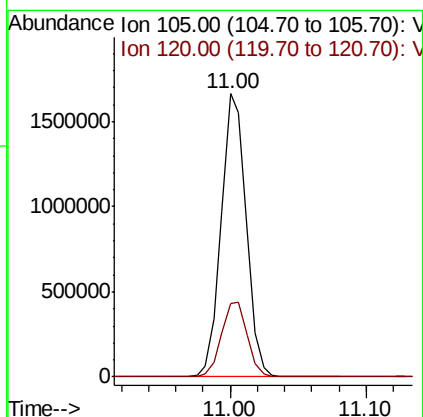
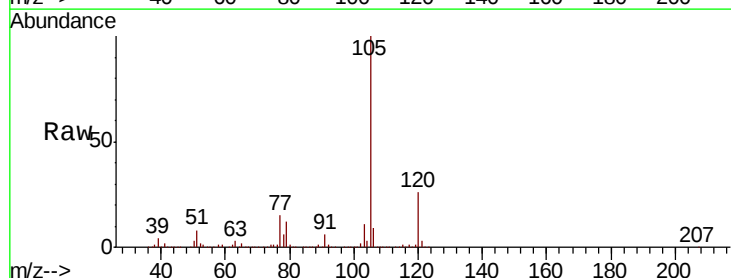
Instrument :
MSVOA_X
ClientSampled :

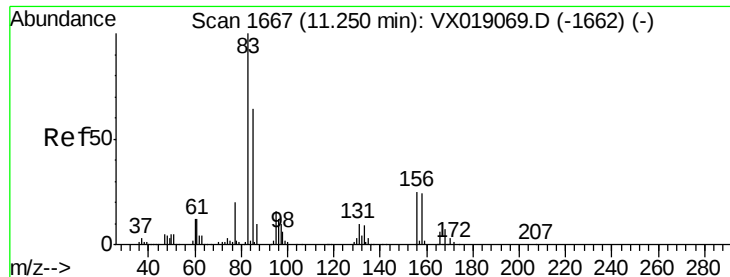
Tot Ion:104 Resp: 1387510
Ion Ratio Lower Upper
104 100
78 46.6 38.6 58.0
103 54.2 43.4 65.2



#70
Isopropylbenzene
Concen: 161.882 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion:105 Resp: 2114084
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 172.033 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

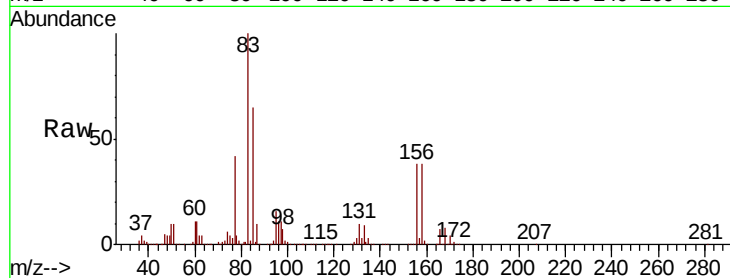
Tot Ion: 83 Resp: 648600

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

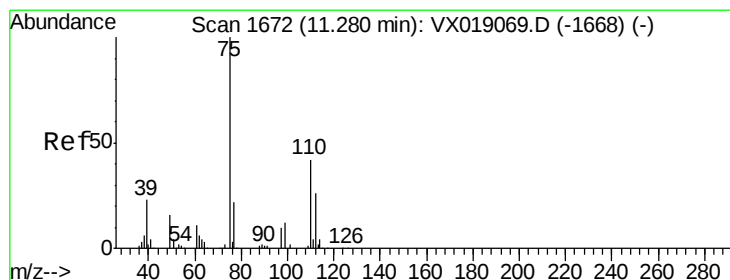
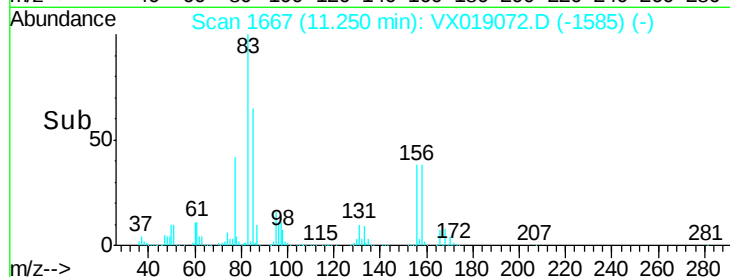
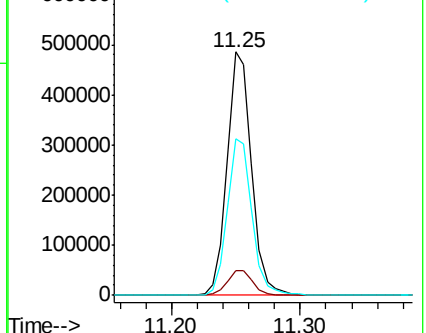
85 64.8 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 225.311 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019072.D

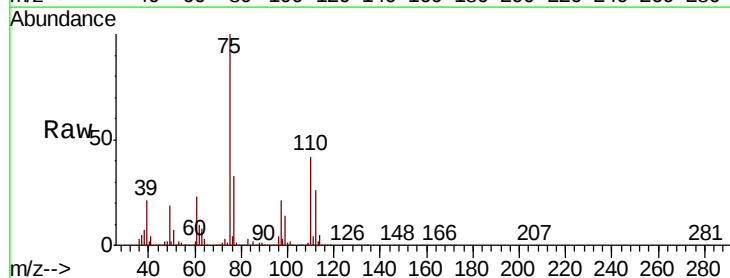
Acq: 23 Oct 2020 11:23

Tgt Ion: 75 Resp: 763909

Ion Ratio Lower Upper

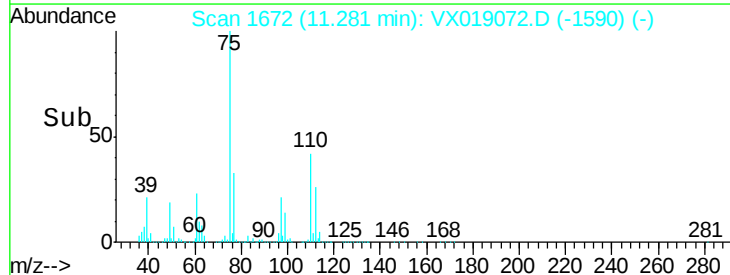
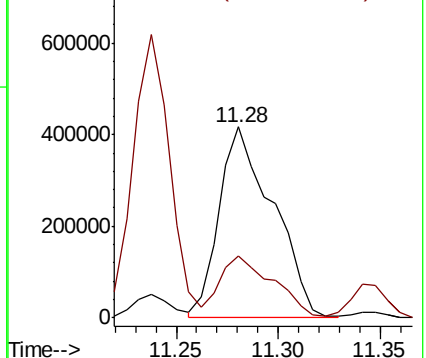
75 100

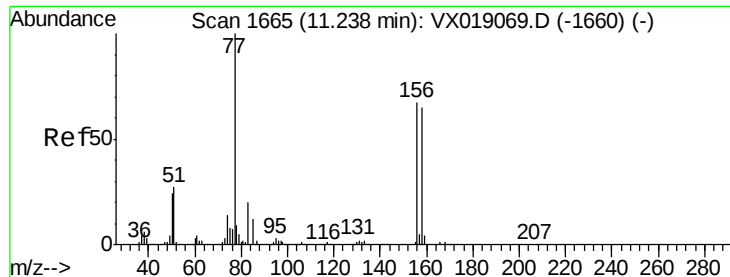
77 32.2 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 168.451 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

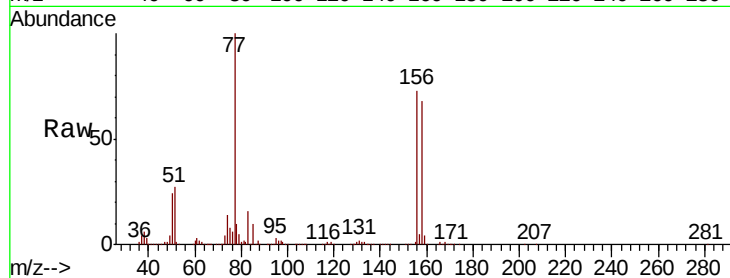
Tot Ion:156 Resp: 537640

Ion Ratio Lower Upper

156 100

77 144.2 0.0 299.6

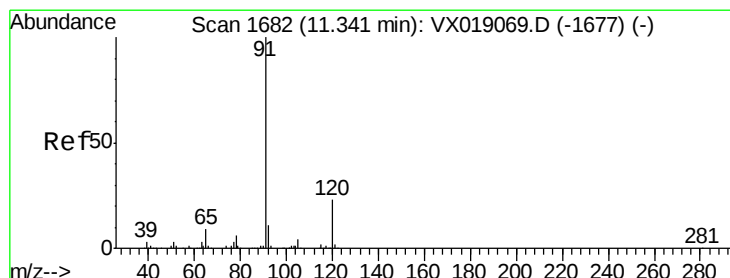
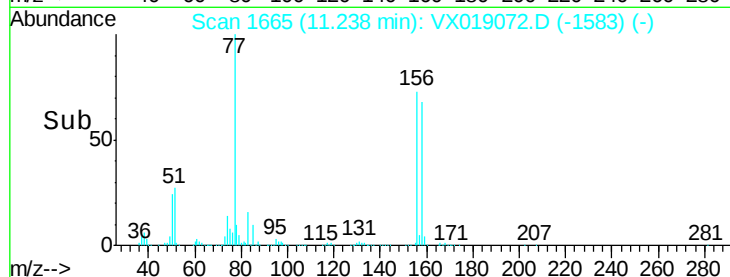
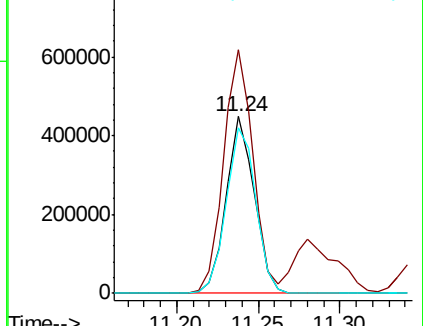
158 98.6 0.0 192.2



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: 164.922 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019072.D

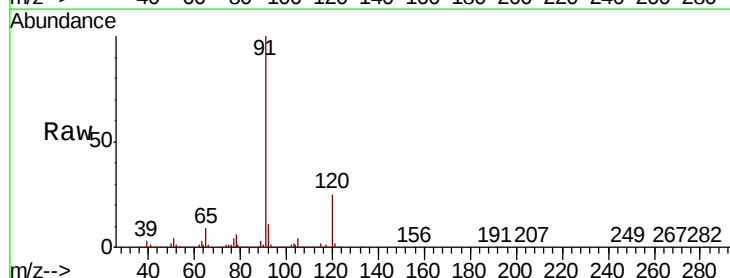
Acq: 23 Oct 2020 11:23

Tgt Ion: 91 Resp: 2438720

Ion Ratio Lower Upper

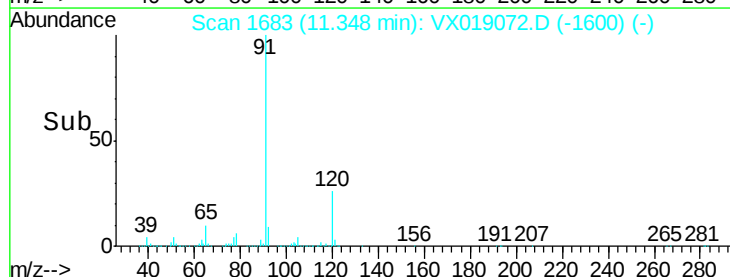
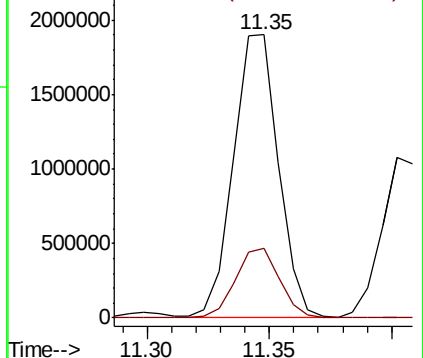
91 100

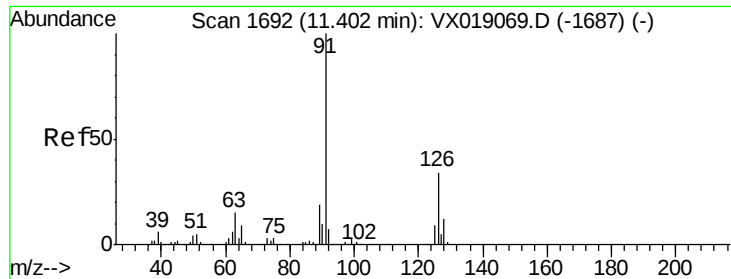
120 24.0 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 166.379 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

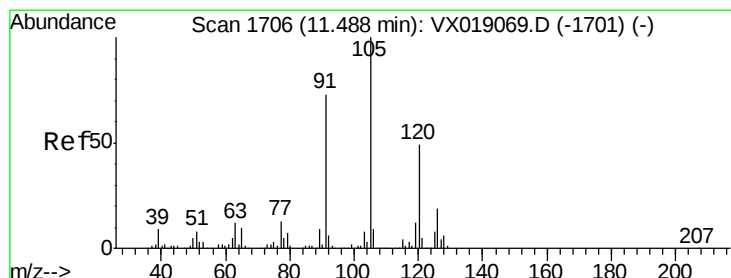
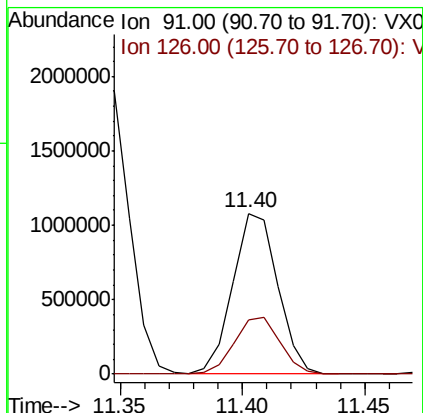
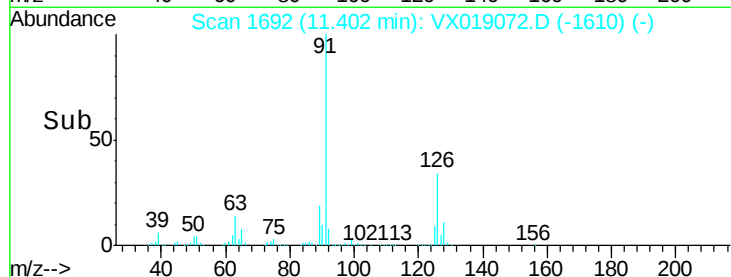
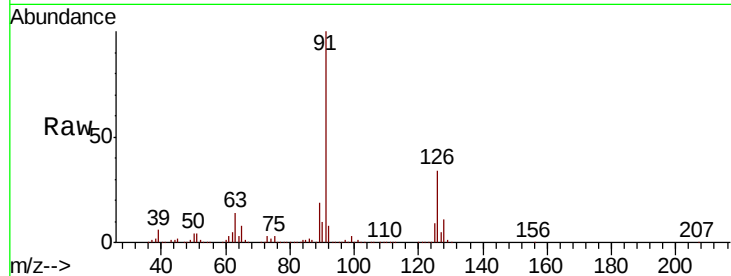
ClientSampleId :

Tot Ion: 91 Resp: 1391642

Ion Ratio Lower Upper

91 100

126 35.8 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 169.437 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019072.D

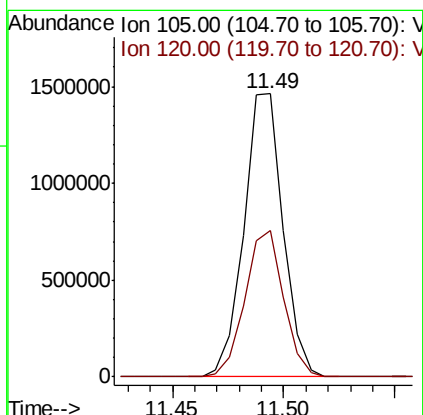
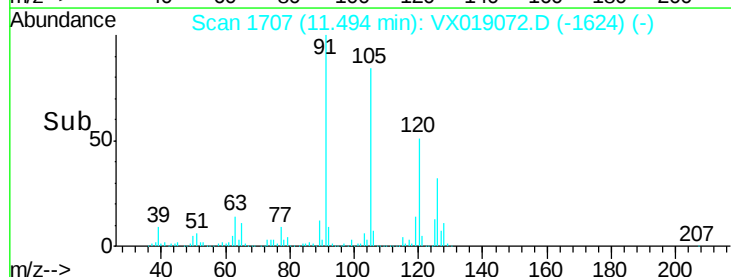
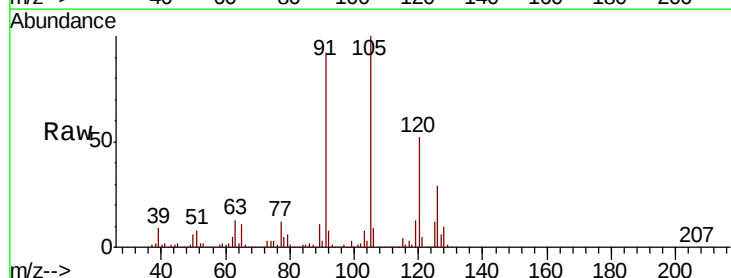
Acq: 23 Oct 2020 11:23

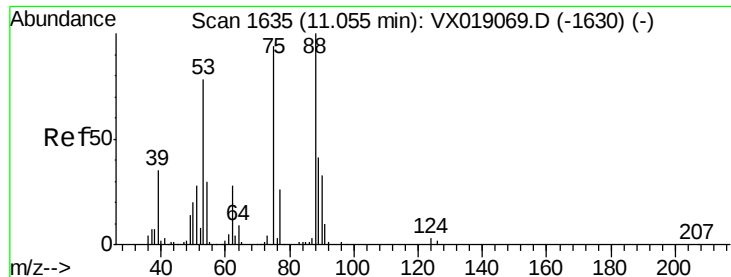
Tgt Ion: 105 Resp: 1795552

Ion Ratio Lower Upper

105 100

120 51.0 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 177.608 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampled :

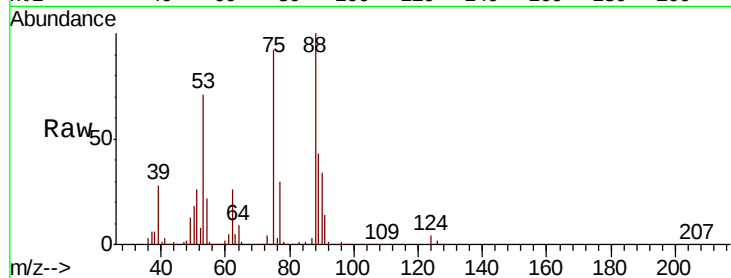
Tot Ion: 75 Resp: 239145

Ion Ratio Lower Upper

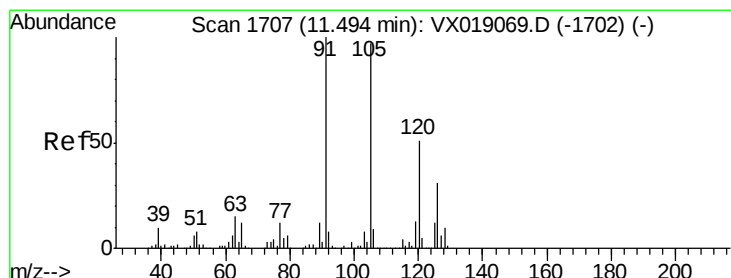
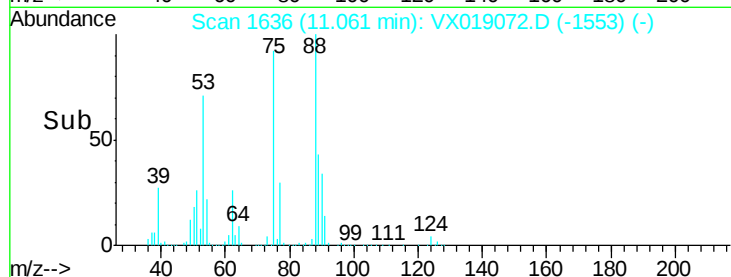
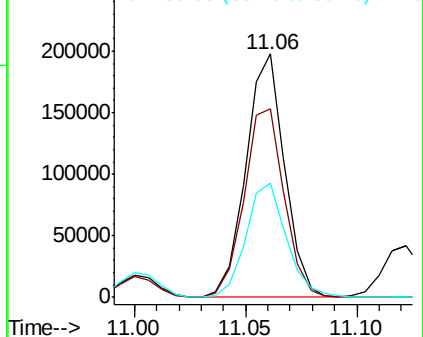
75 100

53 77.2 41.6 124.8

89 46.9 21.8 65.3



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: 169.298 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019072.D

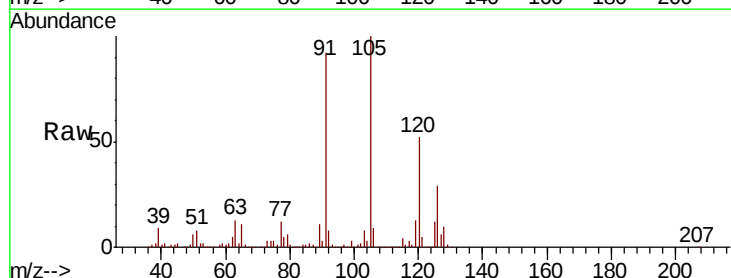
Acq: 23 Oct 2020 11:23

Tgt Ion: 91 Resp: 1664051

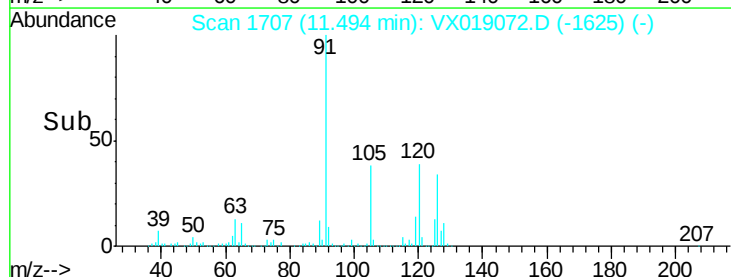
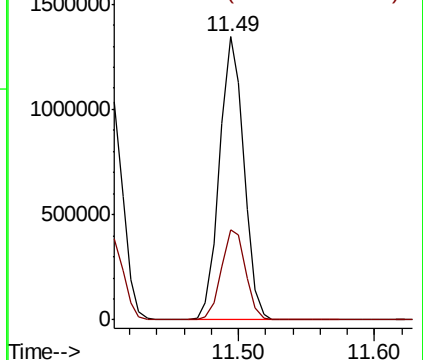
Ion Ratio Lower Upper

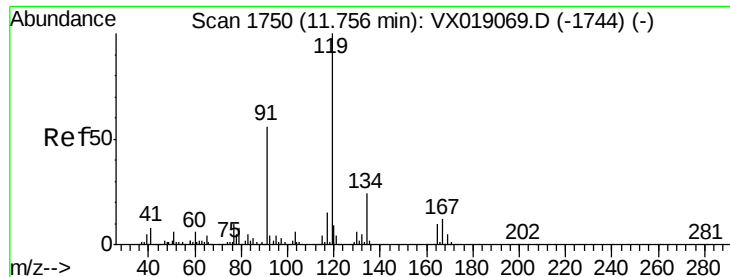
91 100

126 31.9 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

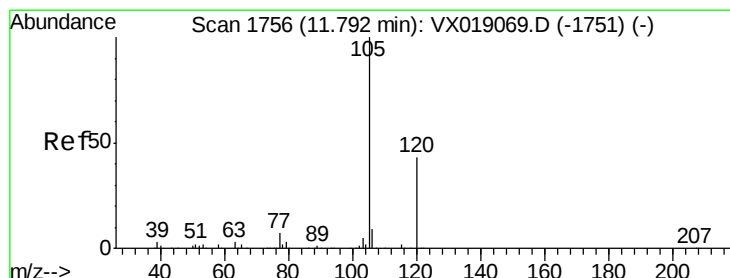
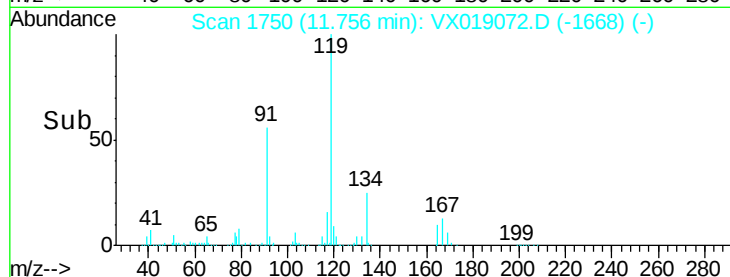
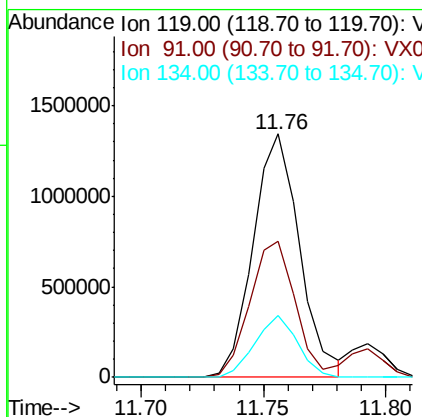
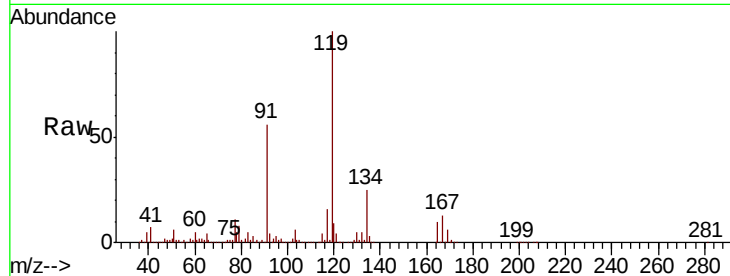




#79
tert-butylbenzene
Concen: 171.032 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

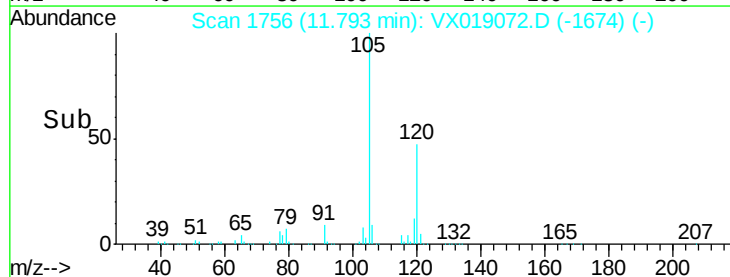
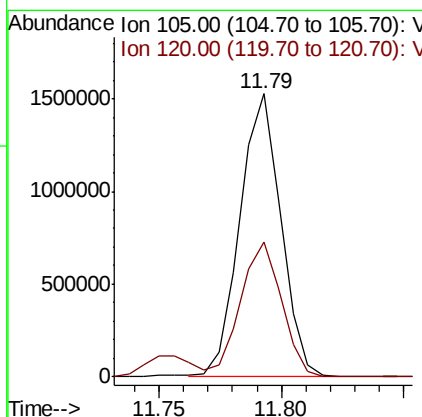
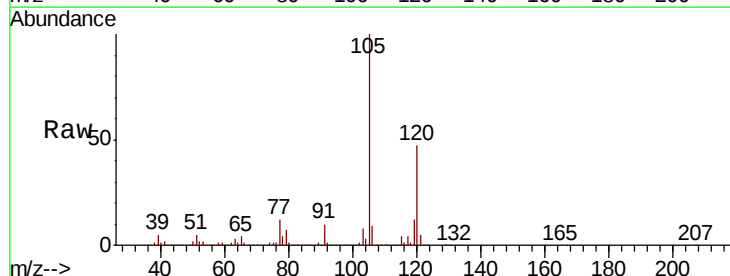
Instrument :
MSVOA_X
ClientSampleId :

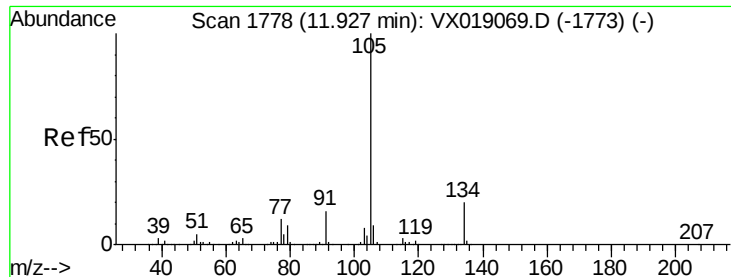
Tot Ion:119 Resp: 1784769
Ion Ratio Lower Upper
119 100
91 54.3 0.0 111.4
134 23.5 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 169.165 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion:105 Resp: 1782021
Ion Ratio Lower Upper
105 100
120 47.5 0.0 92.0





#81

sec-Butylbenzene

Concen: 169.463 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

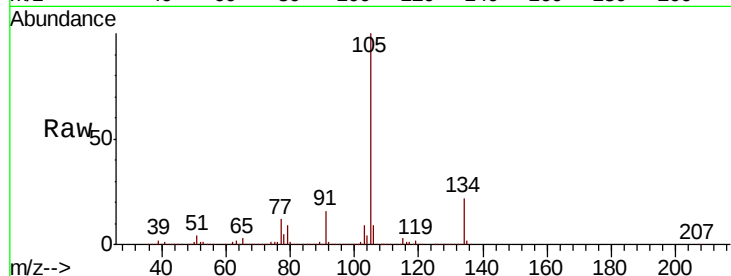
ClientSampleId :

Tot Ion:105 Resp: 2092477

Ion Ratio Lower Upper

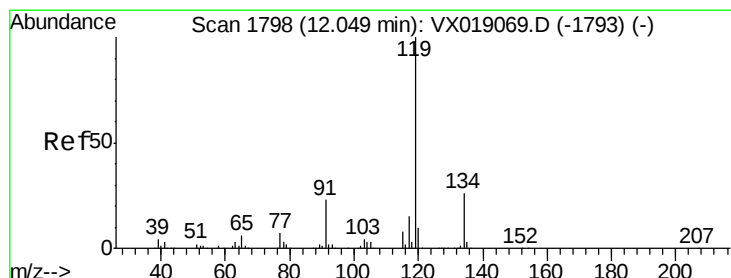
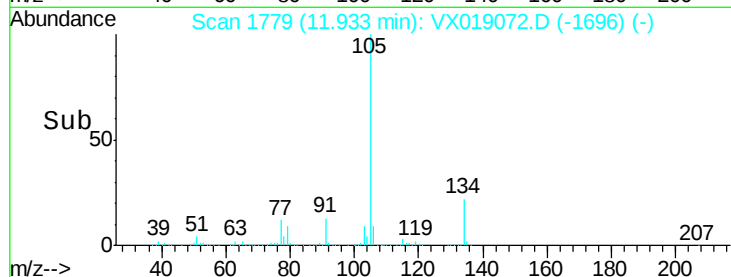
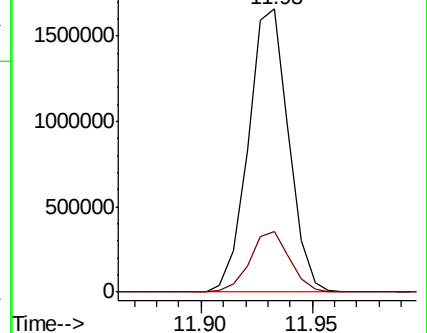
105 100

134 21.1 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 173.139 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

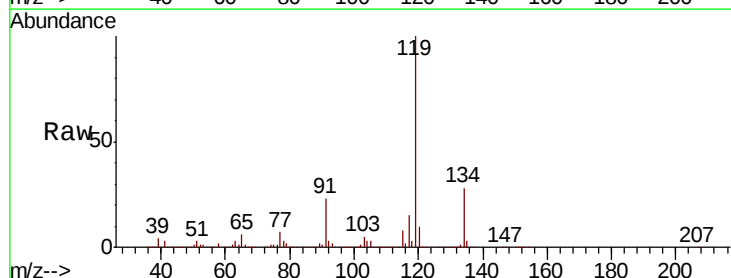
Tgt Ion:119 Resp: 1970296

Ion Ratio Lower Upper

119 100

134 27.0 0.0 52.0

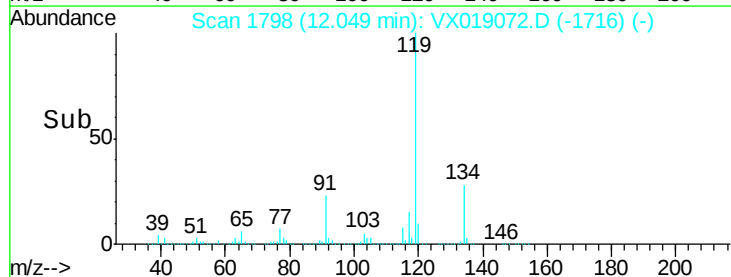
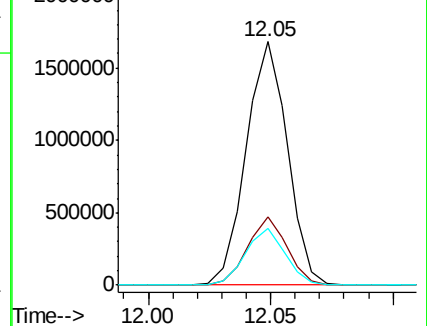
91 22.6 0.0 45.6

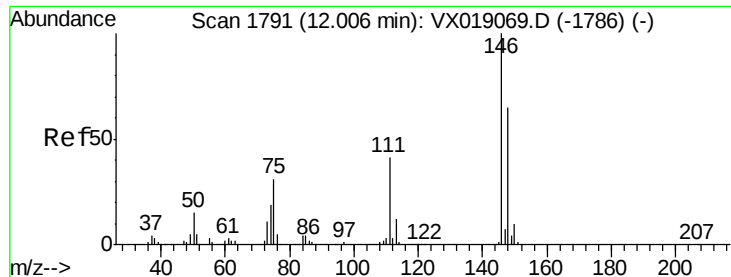


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

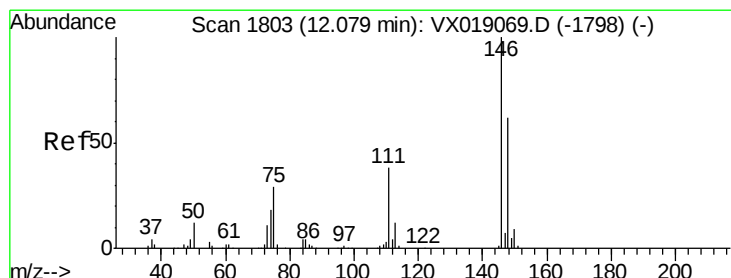
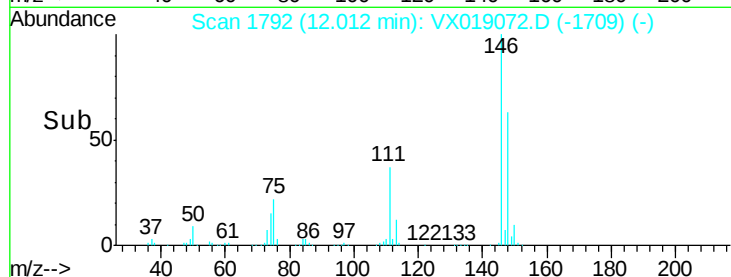
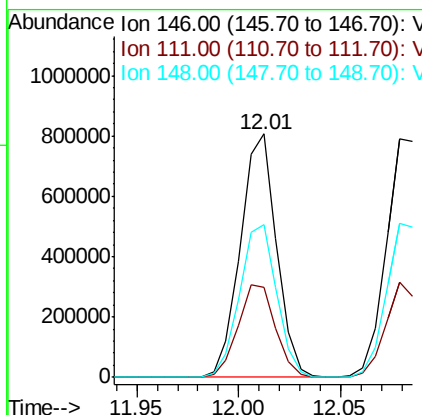
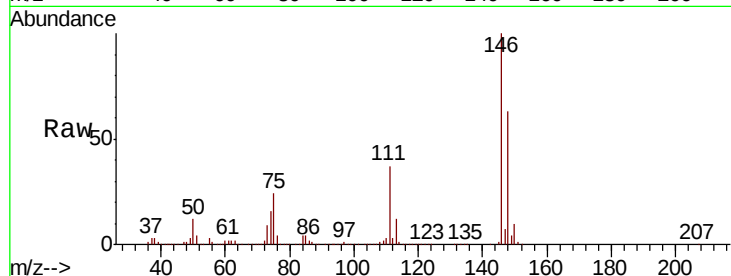




#83
 1,3-Dichlorobenzene
 Concen: 174.211 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

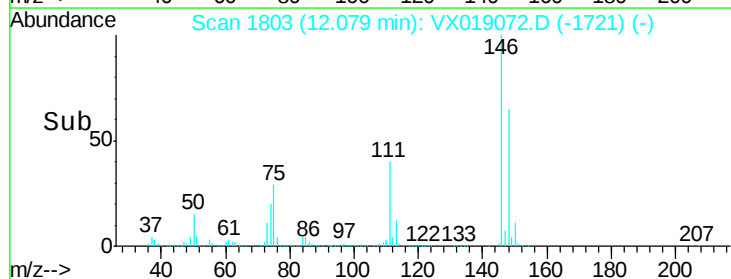
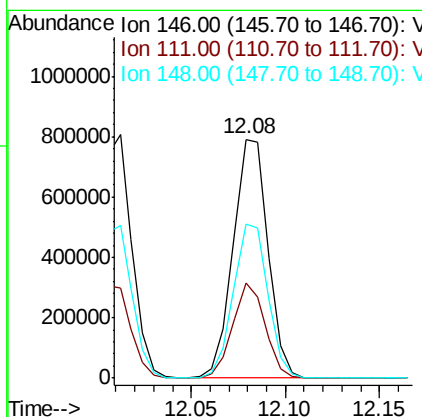
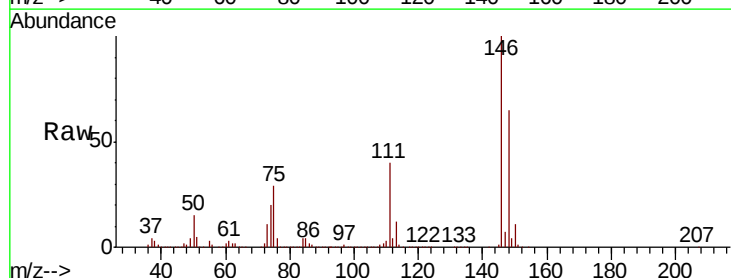
Instrument :
 MSVOA_X
 ClientSampled :

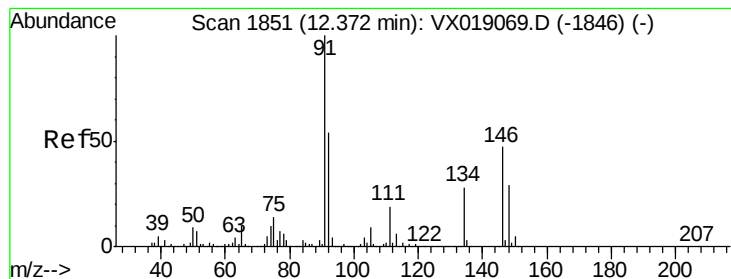
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	59.9
148	64.3	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 174.801 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	64.3	31.6	95.0





#85

n-Butylbenzene

Concen: 175.550 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampled :

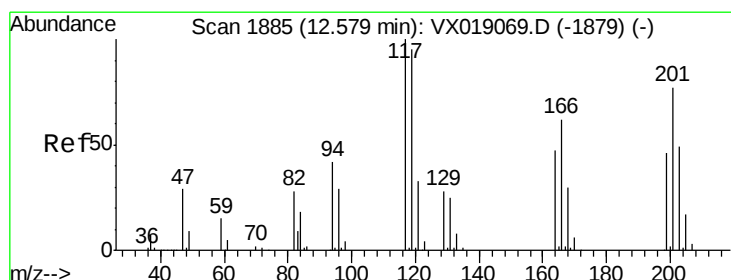
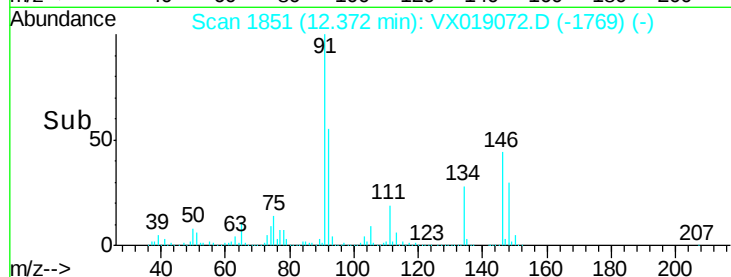
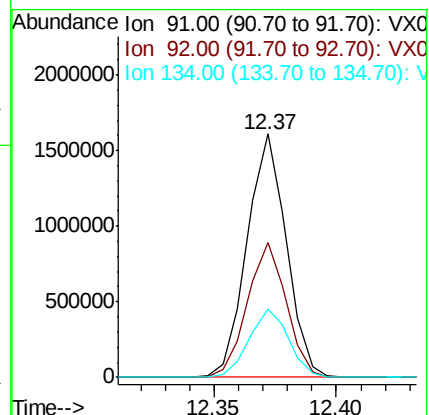
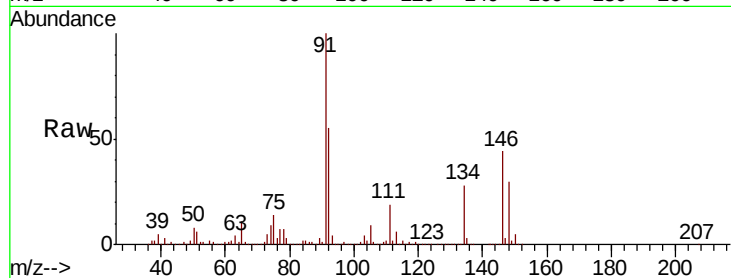
Tot Ion: 91 Resp: 1788721

Ion Ratio Lower Upper

91 100

92 54.8 0.0 107.4

134 28.3 0.0 54.6



#86

Hexachloroethane

Concen: 185.788 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019072.D

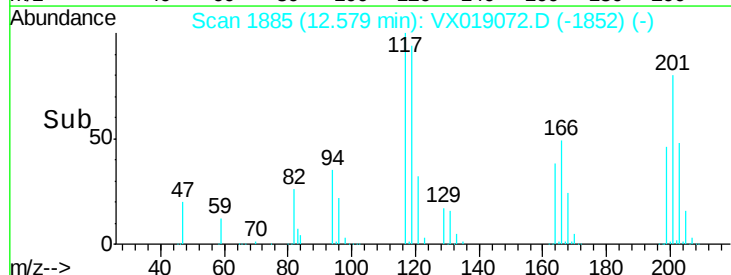
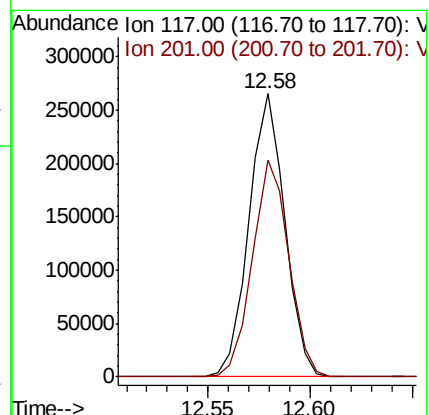
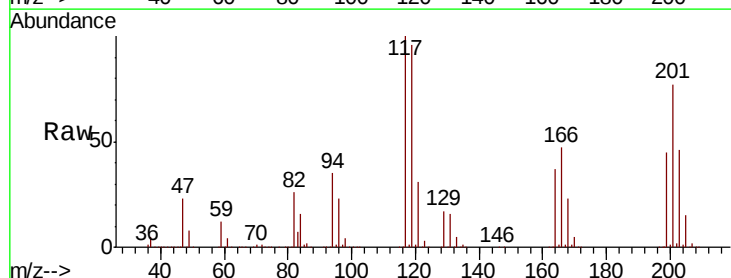
Acq: 23 Oct 2020 11:23

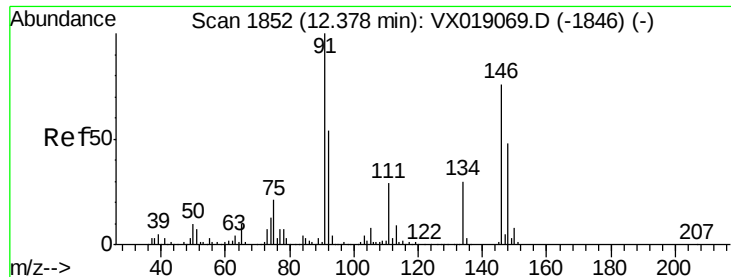
Tgt Ion: 117 Resp: 324732

Ion Ratio Lower Upper

117 100

201 77.7 38.4 115.1

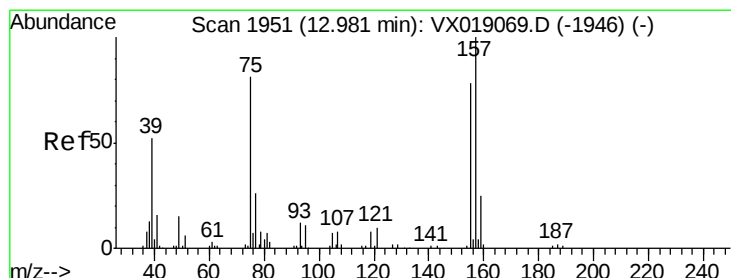
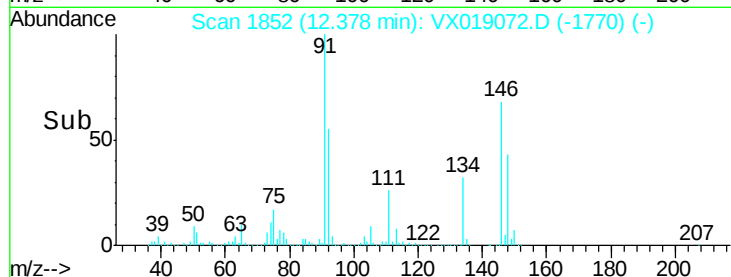
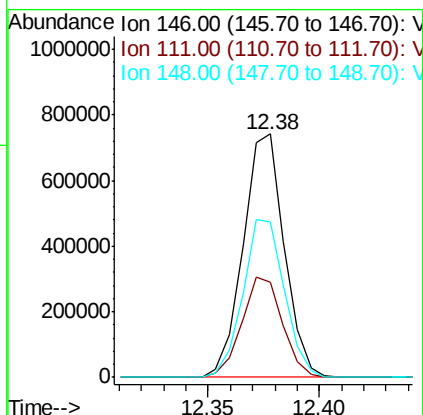
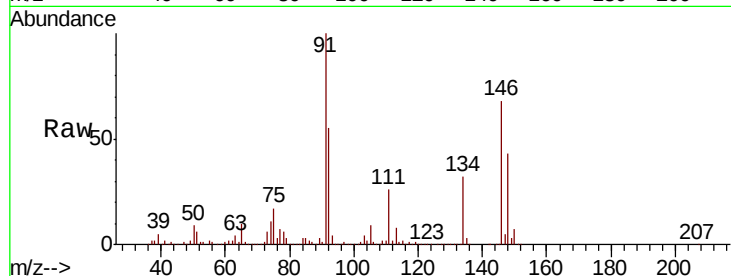




#87
 1,2-Dichlorobenzene
 Concen: 175.349 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

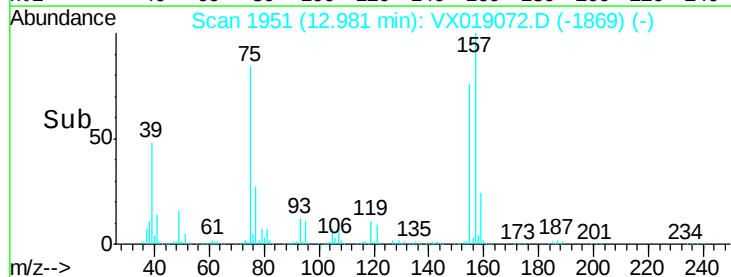
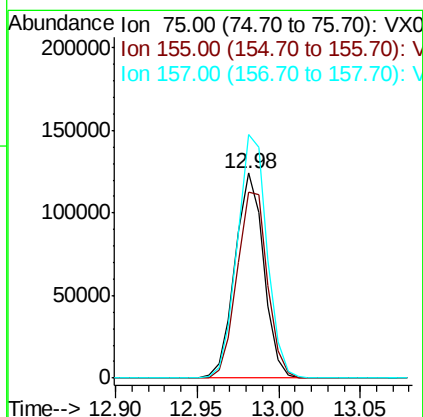
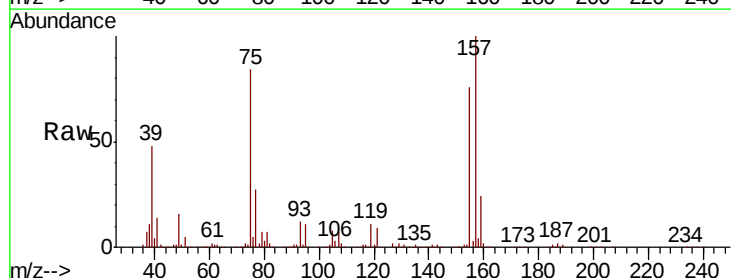
Instrument :
 MSVOA_X
 ClientSampleId :

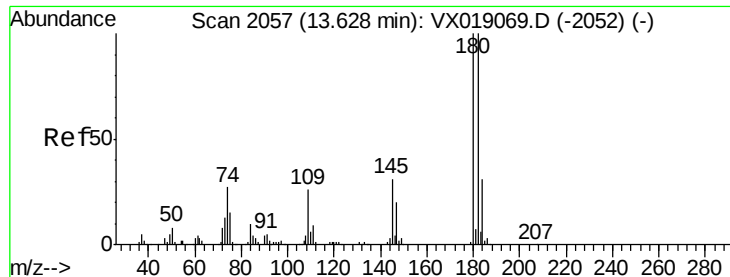
Tot Ion:146 Resp: 957602
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 65.4 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 177.983 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion: 75 Resp: 151872
 Ion Ratio Lower Upper
 75 100
 155 96.2 73.7 110.5
 157 123.1 96.5 144.7





#89

1,2,4-Trichlorobenzene

Concen: 173.578 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

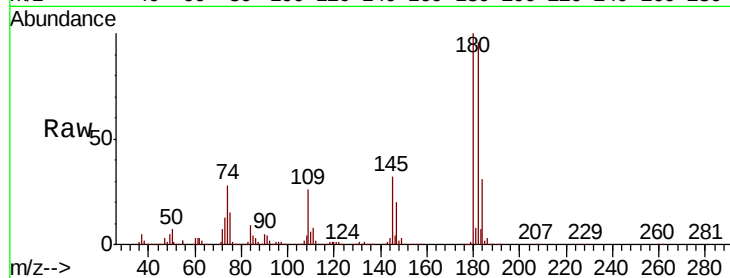
Tot Ion:180 Resp: 682164

Ion Ratio Lower Upper

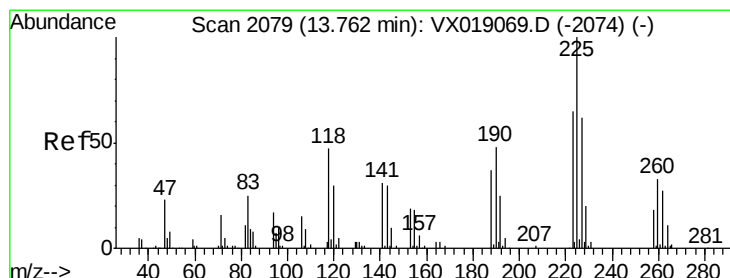
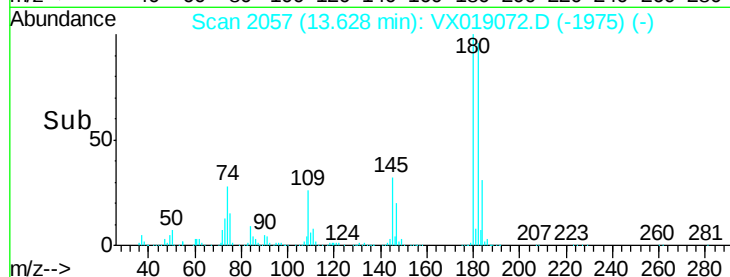
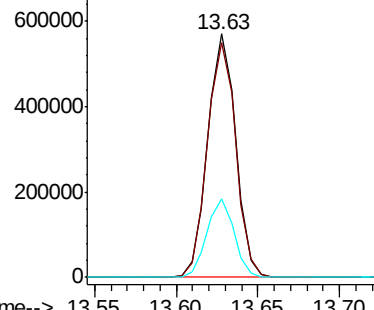
180 100

182 97.3 76.5 114.7

145 31.3 24.2 36.4



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



#90

Hexachlorobutadiene

Concen: 175.522 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

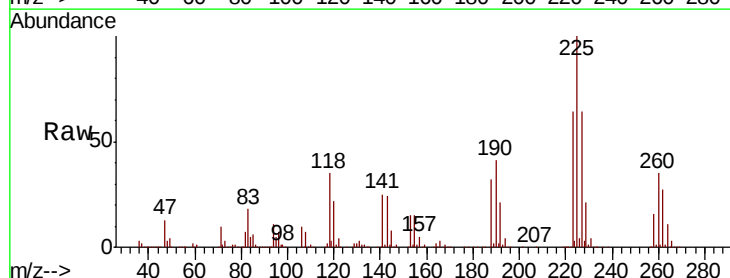
Tgt Ion:225 Resp: 292479

Ion Ratio Lower Upper

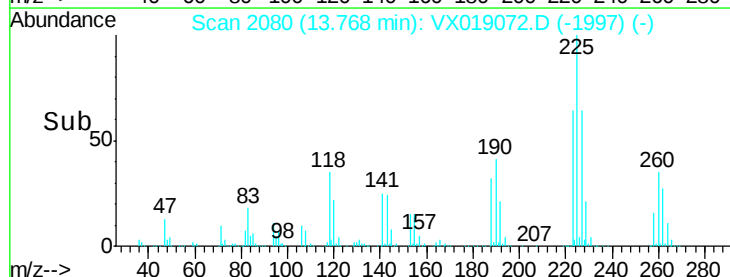
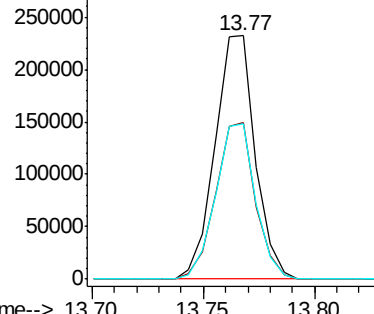
225 100

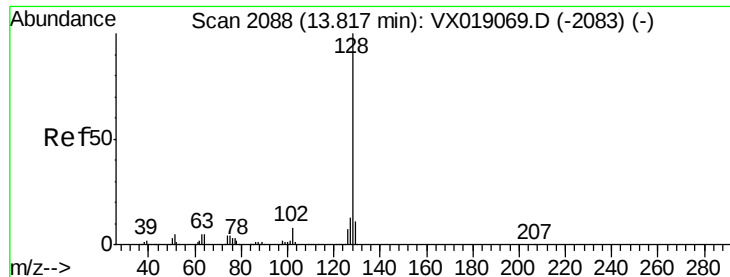
223 63.3 0.0 130.0

227 63.4 0.0 128.6



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

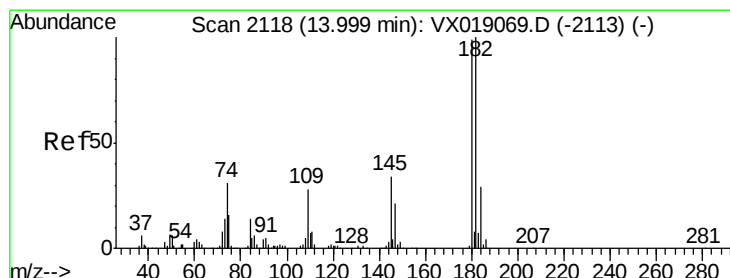
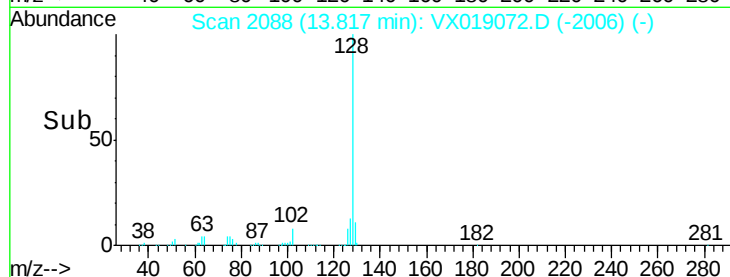
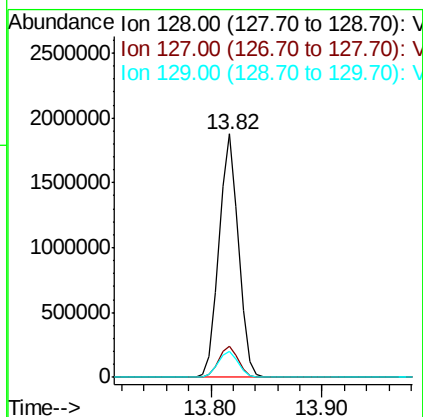
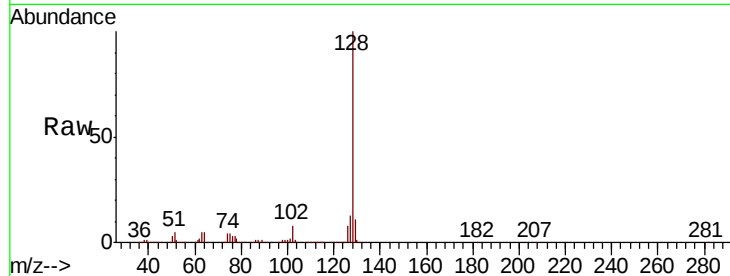




#91
Naphthalene
Concen: 175.770 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 2261340
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 173.072 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion:180 Resp: 654298
Ion Ratio Lower Upper
180 100
182 99.0 0.0 192.4
145 32.6 0.0 64.6

