

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112520\
 Data File : VX019647.D
 Acq On : 25 Nov 2020 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 04:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	451241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176168	49.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.96%
35) Dibromofluoromethane	5.46	113	141058	49.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.60%
50) Toluene-d8	8.70	98	534544	48.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.14%
62) 4-Bromofluorobenzene	11.12	95	201193	50.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.62%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130158	48.746	ug/l	100
3) Chloromethane	1.31	50	136474	44.541	ug/l	97
4) Vinyl Chloride	1.39	62	152694	46.294	ug/l	99
5) Bromomethane	1.62	94	60070	48.082	ug/l	100
6) Chloroethane	1.69	64	80105	104.289	ug/l	98
7) Trichlorofluoromethane	1.90	101	224967	47.256	ug/l	98
8) Diethyl Ether	2.17	74	95607	50.146	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129331	48.696	ug/l	99
10) Methyl Iodide	2.48	142	170505	48.868	ug/l	99
11) Tert butyl alcohol	3.04	59	177137	262.911	ug/l	99
12) 1,1-Dichloroethene	2.35	96	128019	46.963	ug/l	97
13) Acrolein	2.27	56	90347	199.489	ug/l	100
14) Allyl chloride	2.70	41	208666	48.863	ug/l	99
15) Acrylonitrile	3.12	53	404152	254.352	ug/l	100
16) Acetone	2.42	43	382466	277.802	ug/l	99
17) Carbon Disulfide	2.54	76	329020	44.928	ug/l	100
18) Methyl Acetate	2.75	43	172043	50.953	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	496260	52.740	ug/l	99
20) Methylene Chloride	2.83	84	162989	47.366	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	150165	48.620	ug/l	96
22) Diisopropyl ether	3.82	45	450935	51.044	ug/l	95
23) Vinyl Acetate	3.78	43	1964149	265.066	ug/l	99
24) 1,1-Dichloroethane	3.67	63	266660	49.350	ug/l	99
25) 2-Butanone	4.64	43	535353	258.855	ug/l	99
26) 2,2-Dichloropropane	4.54	77	234001	49.614	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177915	50.149	ug/l	100
28) Bromochloromethane	4.97	49	117776	45.589	ug/l	99
29) Tetrahydrofuran	5.09	42	326235	247.226	ug/l	99
30) Chloroform	5.17	83	281060	49.744	ug/l	100
31) Cyclohexane	5.54	56	221084	47.747	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	240300	49.511	ug/l	99
36) 1,1-Dichloropropene	5.76	75	205440	48.563	ug/l	100
37) Ethyl Acetate	4.79	43	202671	51.032	ug/l	99
38) Carbon Tetrachloride	5.75	117	201567	49.226	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	239754	48.674	ug/l	98
40) Benzene	6.10	78	630954	48.543	ug/l	100
41) Methacrylonitrile	5.00	41	108232	49.420	ug/l	97
42) 1,2-Dichloroethane	6.15	62	222985	50.052	ug/l	100
43) Isopropyl Acetate	6.41	43	335890	50.313	ug/l	99
44) Trichloroethene	7.18	130	167645	49.240	ug/l	98
45) 1,2-Dichloropropane	7.48	63	160532	50.169	ug/l	100
46) Dibromomethane	7.63	93	111092	50.726	ug/l	99
47) Bromodichloromethane	7.87	83	218241	51.354	ug/l	98
48) Methyl methacrylate	7.74	41	164502	52.614	ug/l	99
49) 1,4-Dioxane	7.71	88	74271	1046.222	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	994106	255.357	ug/l	99
52) Toluene	8.76	92	395703	49.765	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	244842	53.347	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	269006	52.815	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	164074	50.666	ug/l	99
56) Ethyl methacrylate	9.16	69	246054	53.697	ug/l	100
57) 1,3-Dichloropropane	9.35	76	277629	51.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660683	246.064	ug/l	98
59) 2-Hexanone	9.47	43	755066	255.735	ug/l	99
60) Dibromochloromethane	9.56	129	165684	52.234	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169890	50.895	ug/l	99
64) Tetrachloroethene	9.32	164	141555	44.469	ug/l	95
65) Chlorobenzene	10.12	112	410204	49.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	155165	51.235	ug/l	98
67) Ethyl Benzene	10.23	91	735678	50.437	ug/l	98
68) m/p-Xylenes	10.34	106	558763	102.823	ug/l	99
69) o-Xylene	10.68	106	266667	51.334	ug/l	100
70) Styrene	10.70	104	457193	47.627	ug/l	100
71) Bromoform	10.84	173	116668	45.802	ug/l #	99
73) Isopropylbenzene	11.00	105	722685	52.466	ug/l	100
74) N-amyl acetate	10.88	43	281403	54.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	247599	50.265	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	278559	64.105	ug/l	88
77) Bromobenzene	11.24	156	174427	49.605	ug/l	97
78) n-propylbenzene	11.34	91	817282	51.721	ug/l	100
79) 2-Chlorotoluene	11.40	91	489134	51.041	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	603764	52.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	79229	49.310	ug/l	99
82) 4-Chlorotoluene	11.49	91	583923	51.760	ug/l	99
83) tert-Butylbenzene	11.76	119	595701	53.288	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	613403	52.466	ug/l	99
85) sec-Butylbenzene	11.93	105	683741	51.413	ug/l	100
86) p-Isopropyltoluene	12.05	119	631125	52.269	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	323040	50.023	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	325739	48.969	ug/l	98
89) n-Butylbenzene	12.37	91	550512	50.432	ug/l	99
90) Hexachloroethane	12.58	117	104501	51.721	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	317291	48.919	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52136	51.881	ug/l	98

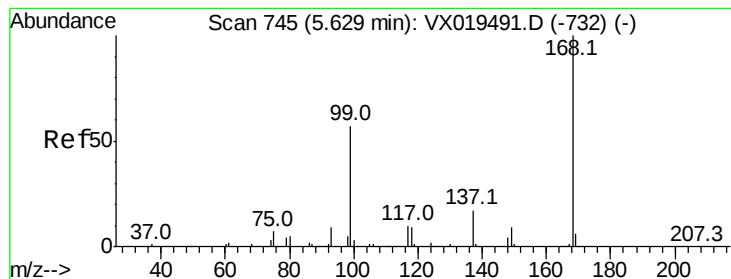
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214717	51.564	ug/l	98
94) Hexachlorobutadiene	13.76	225	90487	47.702	ug/l	96
95) Naphthalene	13.82	128	718076	48.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214769	51.563	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

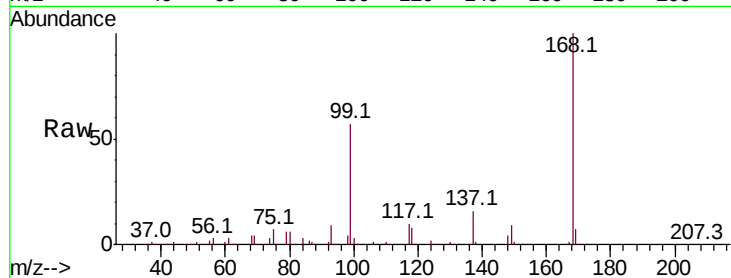
VSTDCCC050

Tot Ion:168 Resp: 274576

Ion Ratio Lower Upper

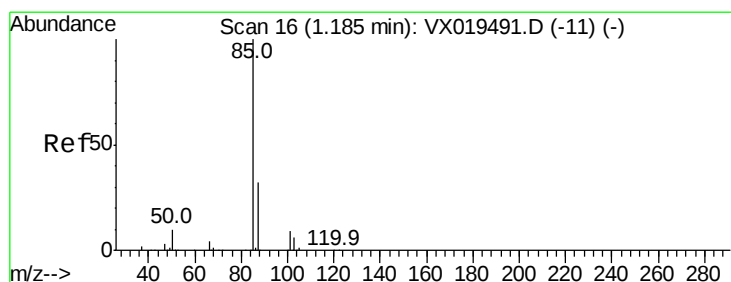
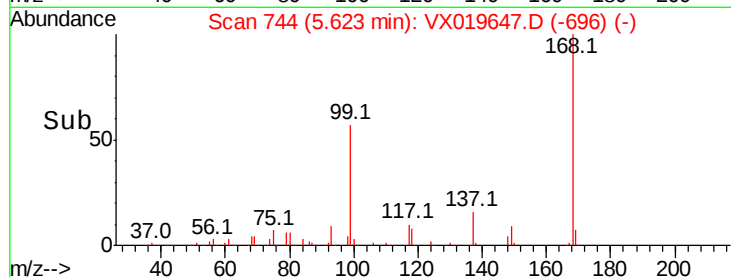
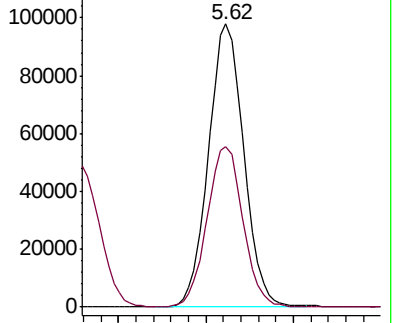
168 100

99 56.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.746 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019647.D

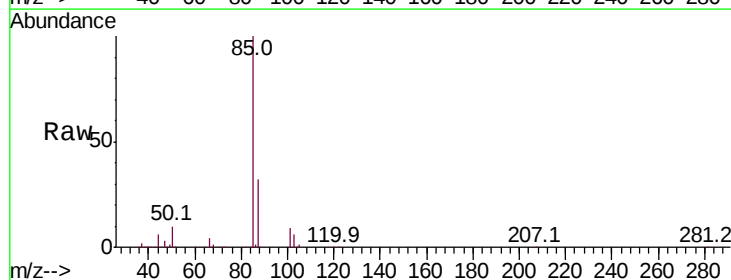
Acq: 25 Nov 2020 10:05

Tgt Ion: 85 Resp: 130158

Ion Ratio Lower Upper

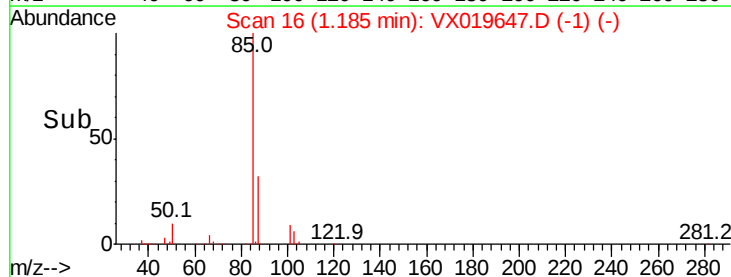
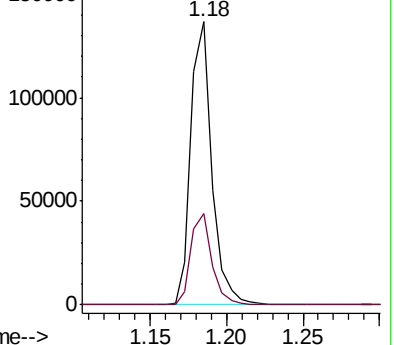
85 100

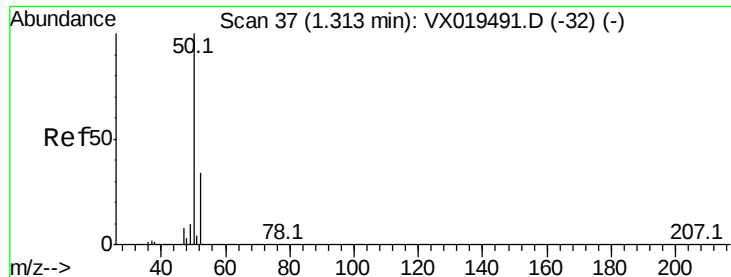
87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.541 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

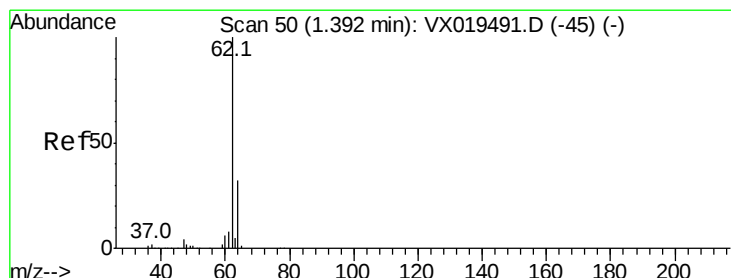
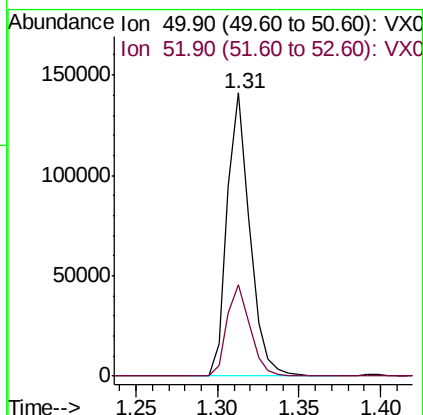
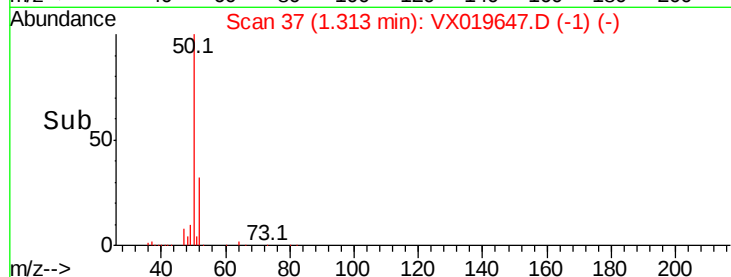
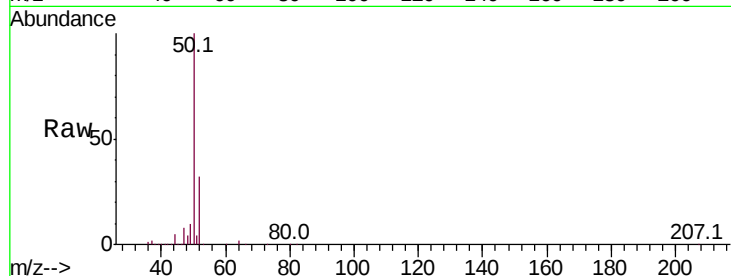
VSTDCCC050

Tot Ion: 50 Resp: 136474

Ion Ratio Lower Upper

50 100

52 32.3 27.0 40.6



#4

Vinyl Chloride

Concen: 46.294 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019647.D

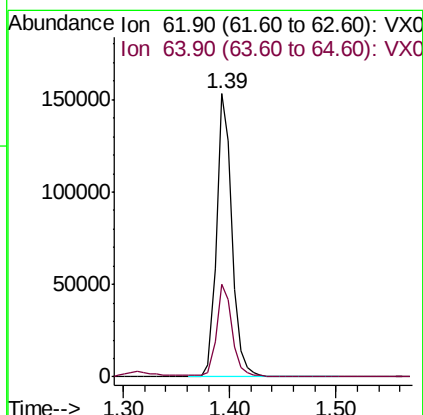
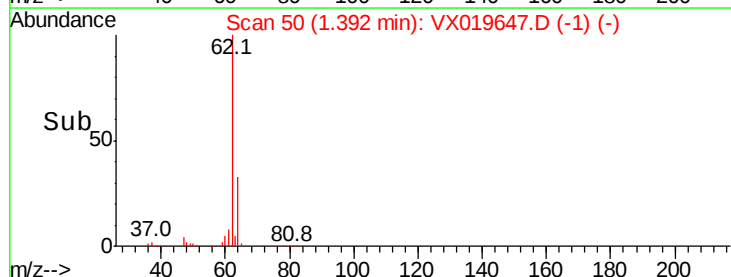
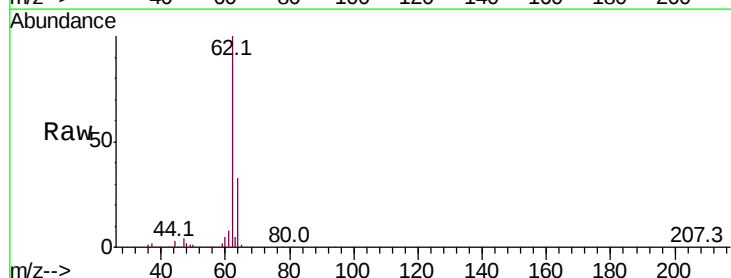
Acq: 25 Nov 2020 10:05

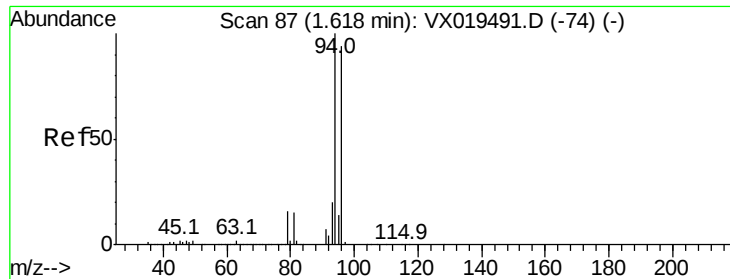
Tgt Ion: 62 Resp: 152694

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 48.082 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

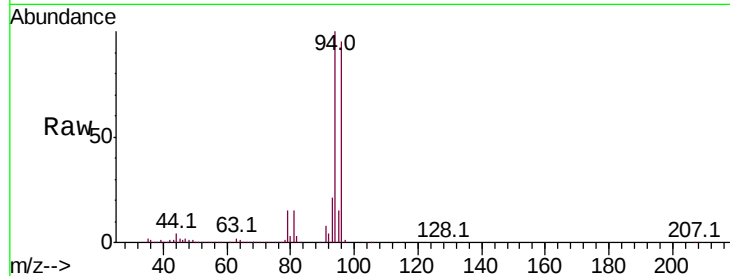
VSTDCCC050

Tot Ion: 94 Resp: 60070

Ion Ratio Lower Upper

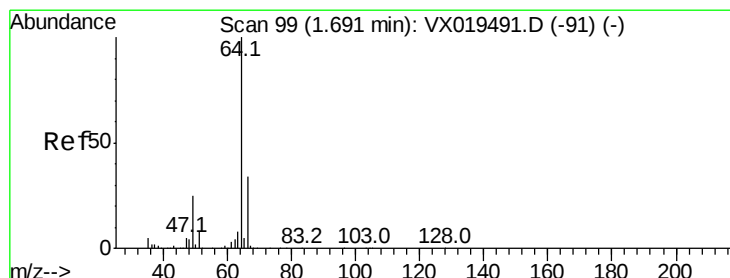
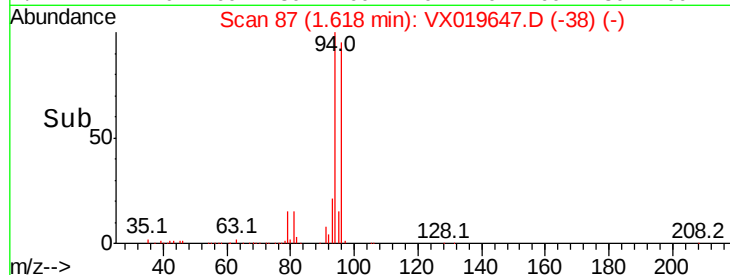
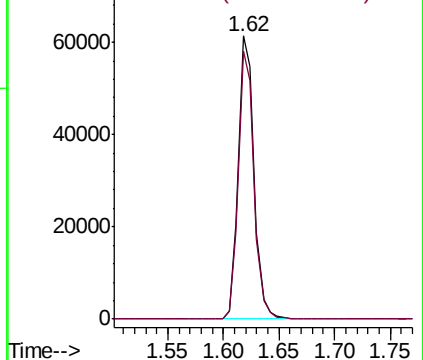
94 100

96 94.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 104.289 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019647.D

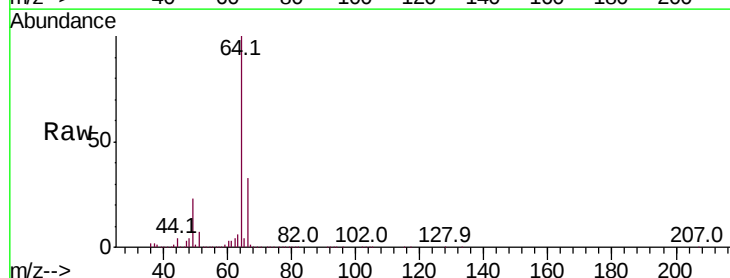
Acq: 25 Nov 2020 10:05

Tgt Ion: 64 Resp: 80105

Ion Ratio Lower Upper

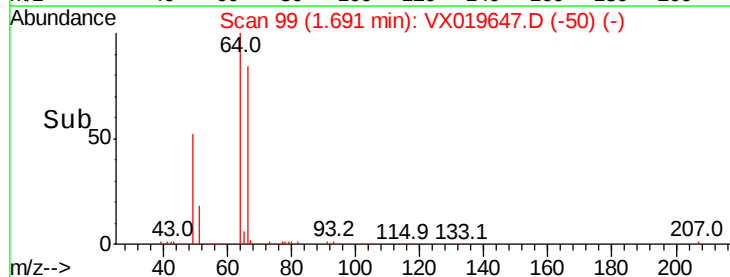
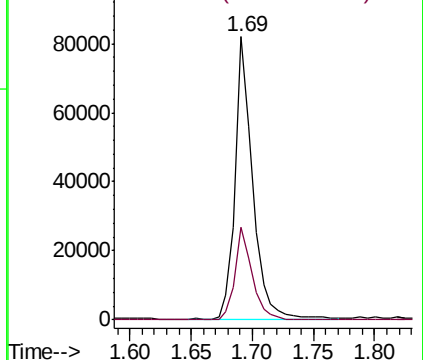
64 100

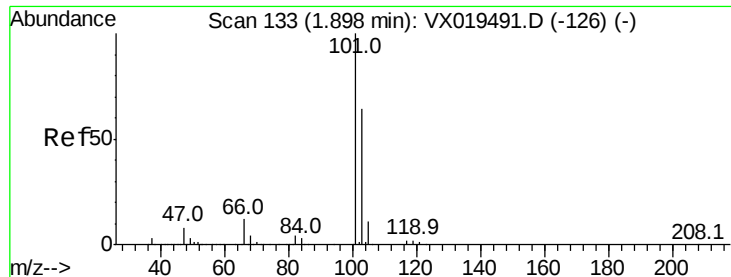
66 32.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



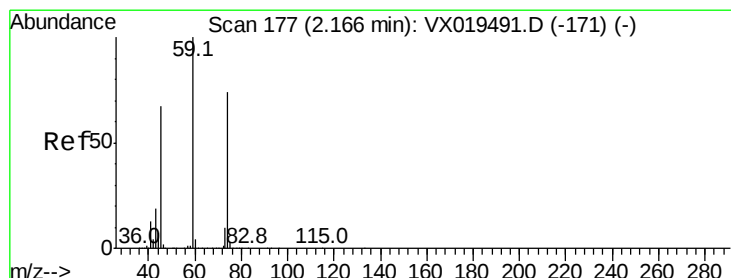
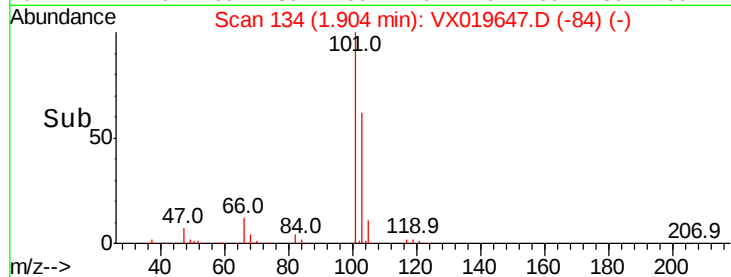
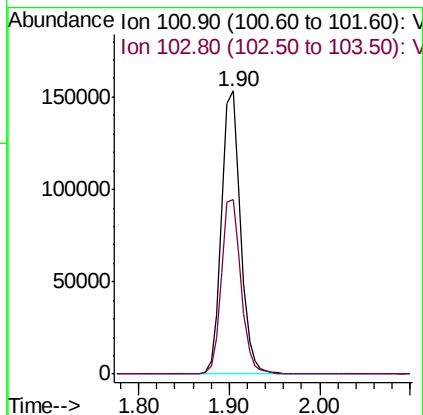
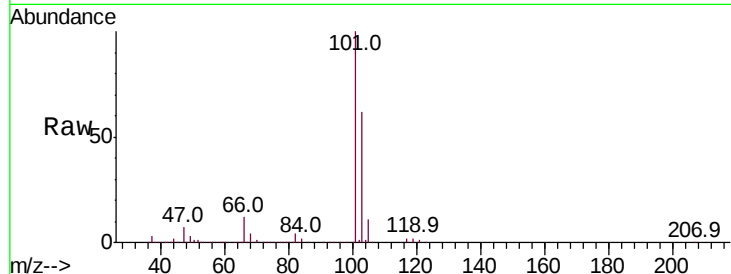


#7

Trichlorofluoromethane
 Concen: 47.256 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
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 VSTDCCC050

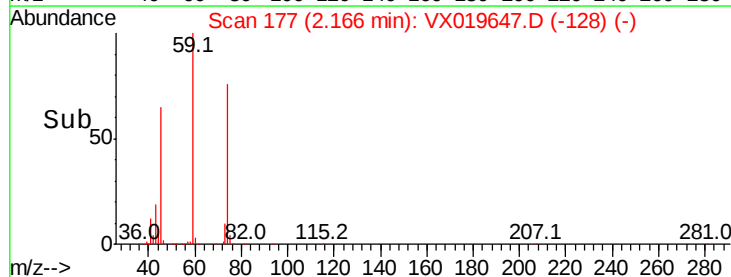
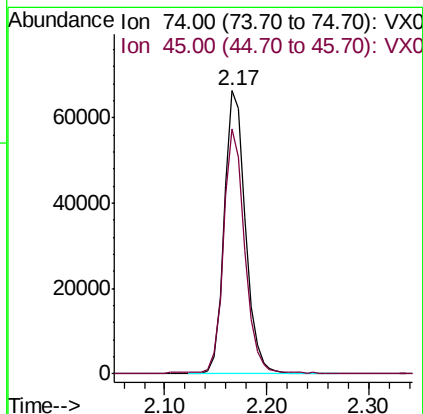
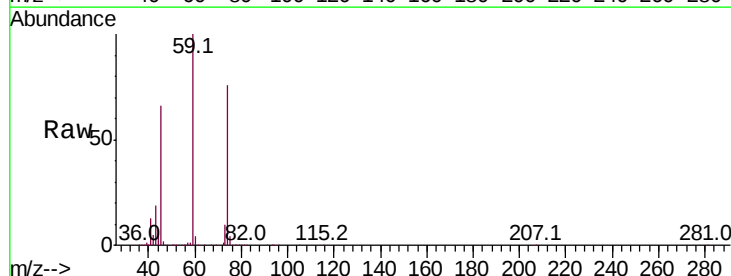
Tot Ion:101 Resp: 224967
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.9 76.3

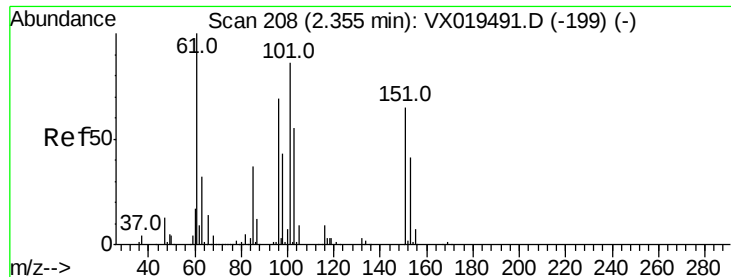


#8

Diethyl Ether
 Concen: 50.146 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion: 74 Resp: 95607
 Ion Ratio Lower Upper
 74 100
 45 85.6 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.696 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

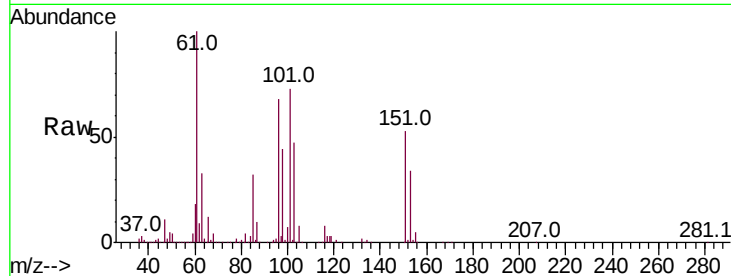
Tot Ion:101 Resp: 129331

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

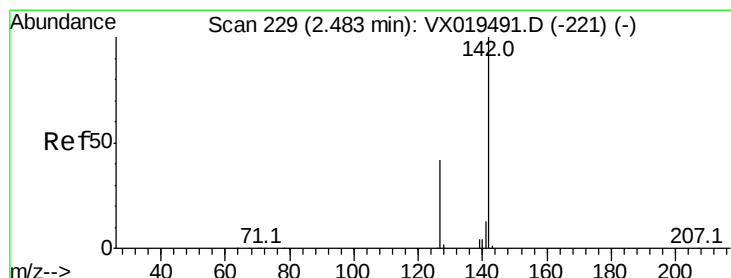
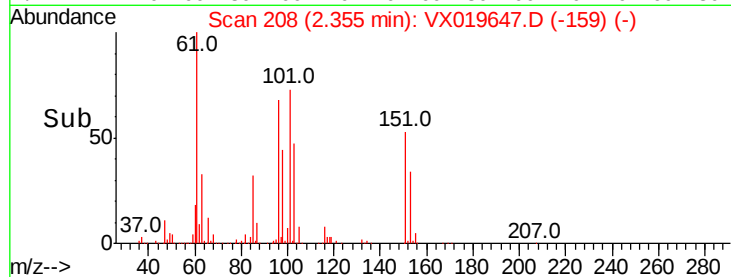
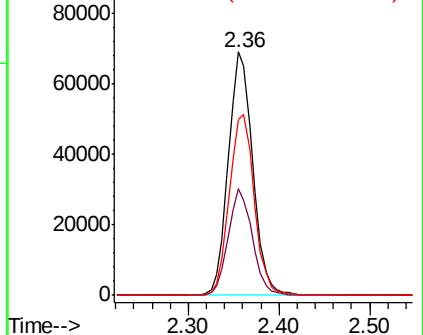
151 76.0 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.868 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

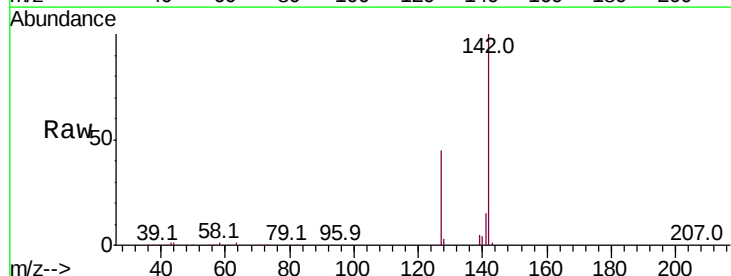
Tgt Ion:142 Resp: 170505

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.6

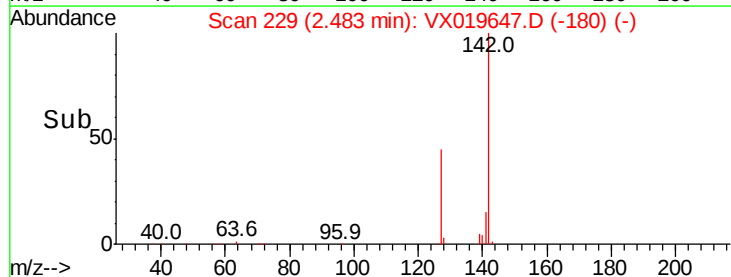
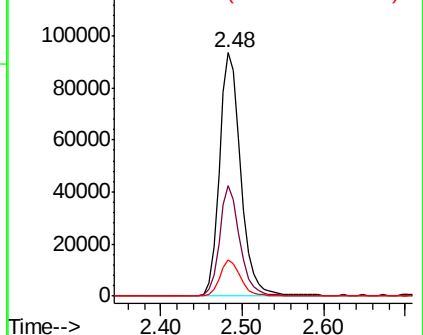
141 14.3 11.0 16.6

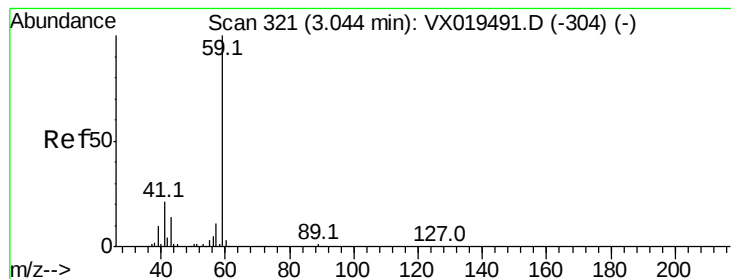


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



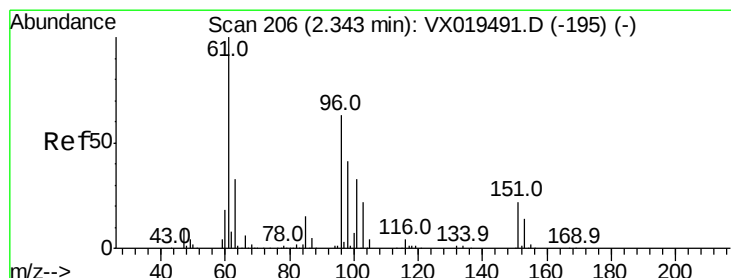
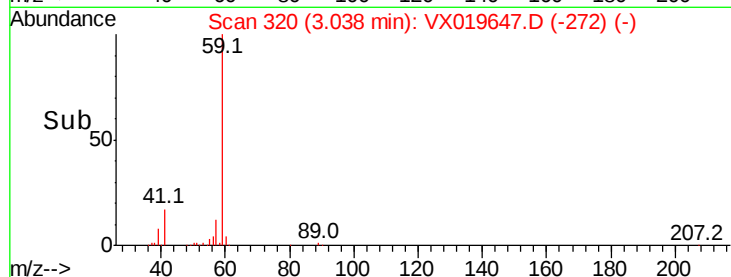
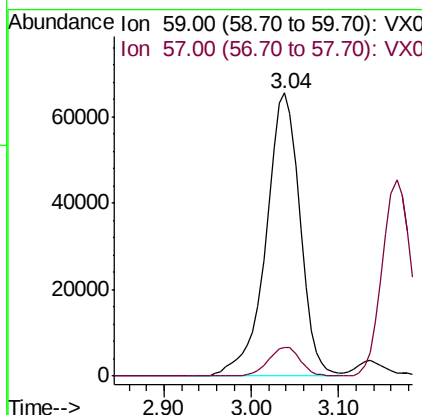
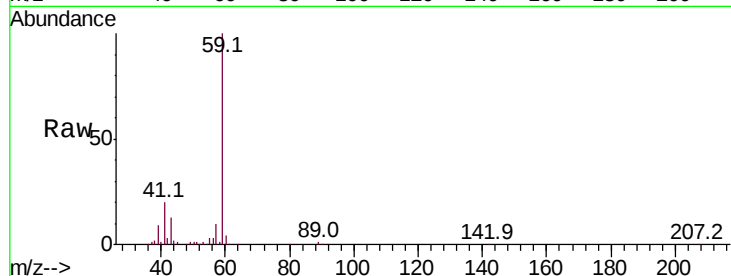


#11

Tert butyl alcohol
Concen: 262.911 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

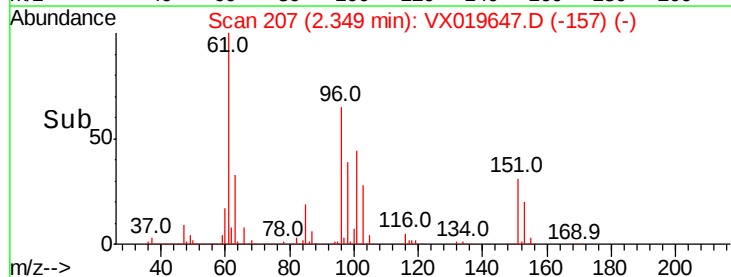
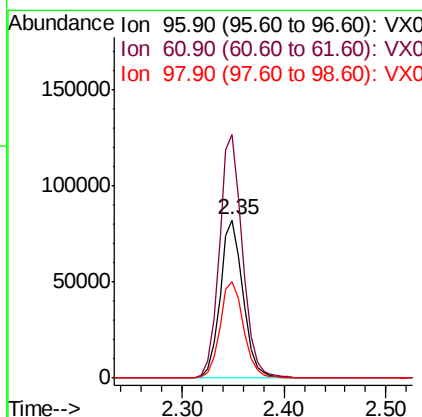
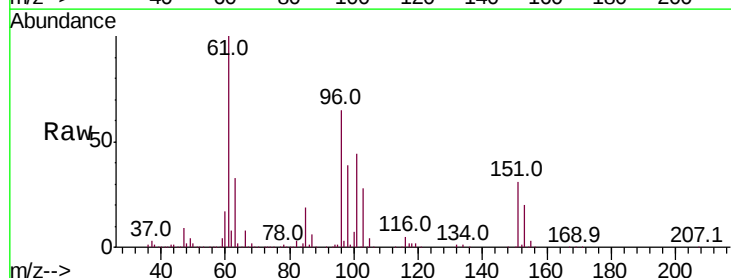
Tot Ion: 59 Resp: 177137
Ion Ratio Lower Upper
59 100
57 9.7 7.9 11.9

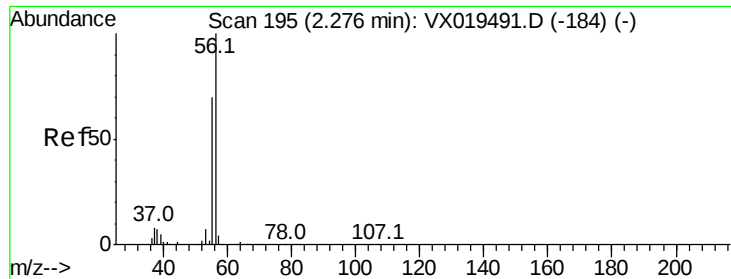


#12

1,1-Dichloroethene
Concen: 46.963 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 96 Resp: 128019
Ion Ratio Lower Upper
96 100
61 154.3 126.0 189.0
98 61.0 52.0 78.0

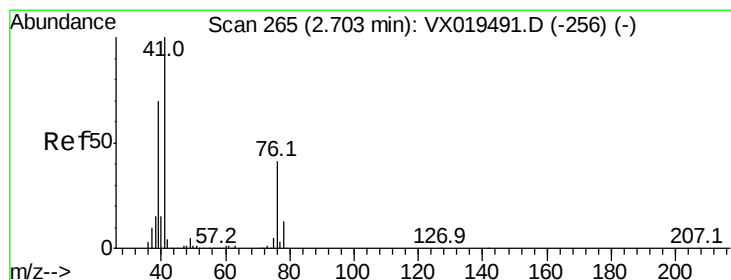
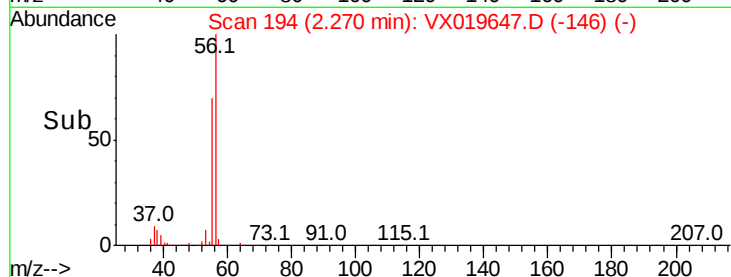
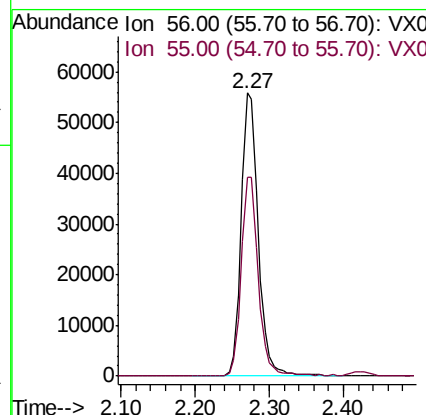
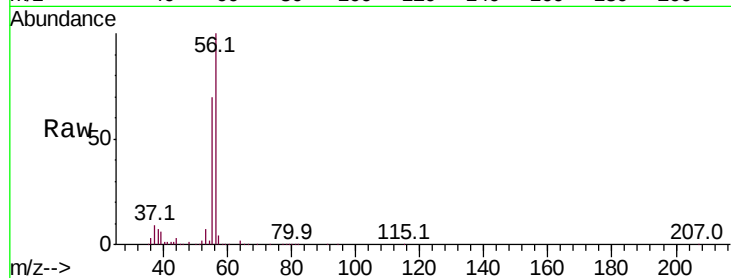




#13
Acrolein
Concen: 199.489 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

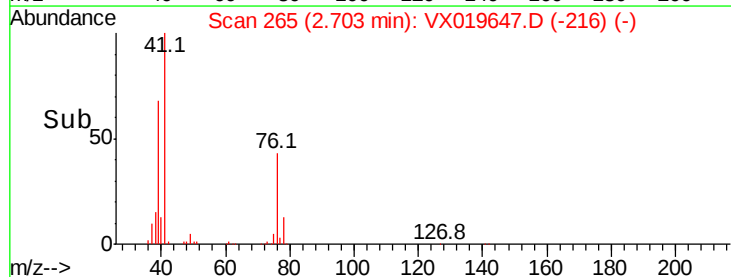
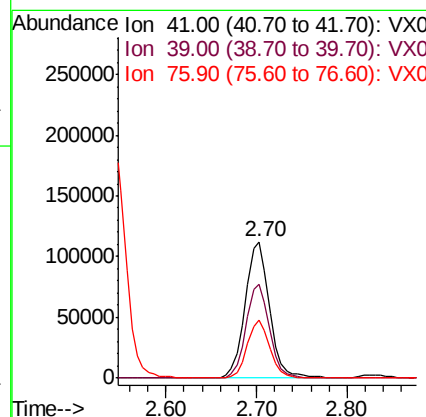
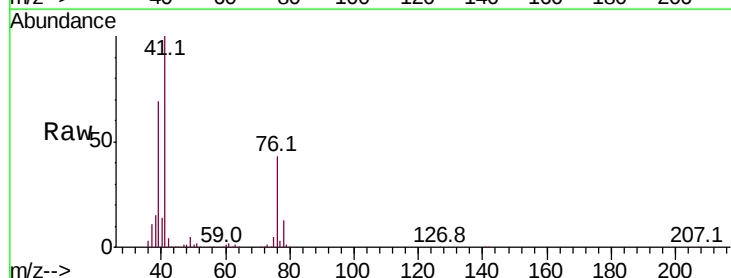
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

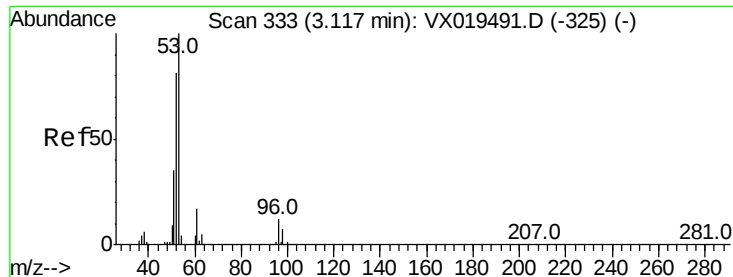
Tot Ion: 56 Resp: 90347
Ion Ratio Lower Upper
56 100
55 69.5 55.5 83.3



#14
Allyl chloride
Concen: 48.863 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 41 Resp: 208666
Ion Ratio Lower Upper
41 100
39 66.1 53.0 79.4
76 39.6 31.0 46.6





#15

Acrylonitrile

Concen: 254.352 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

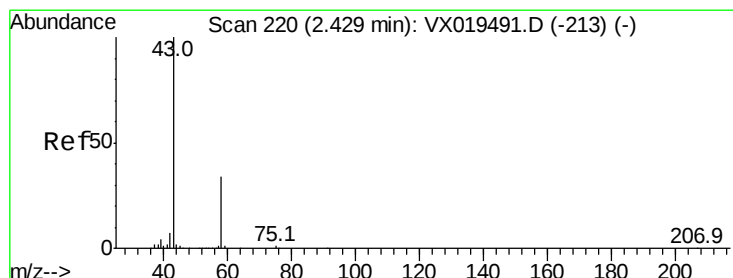
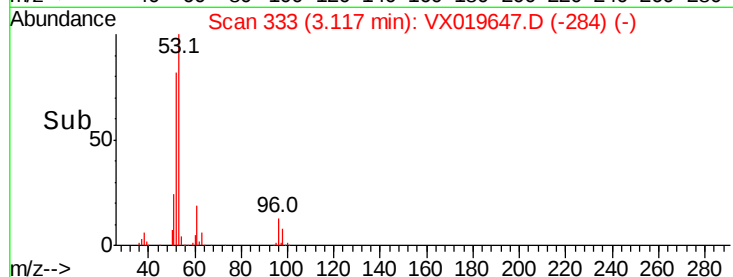
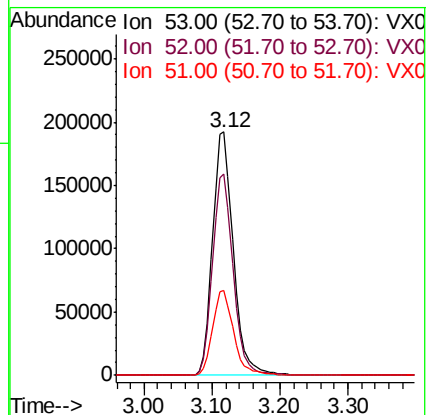
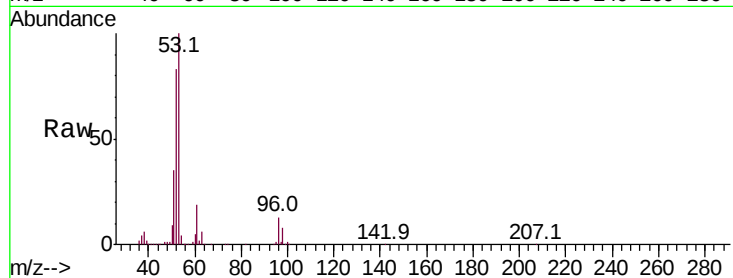
Tot Ion: 53 Resp: 404152

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

51 35.5 28.5 42.7



#16

Acetone

Concen: 277.802 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019647.D

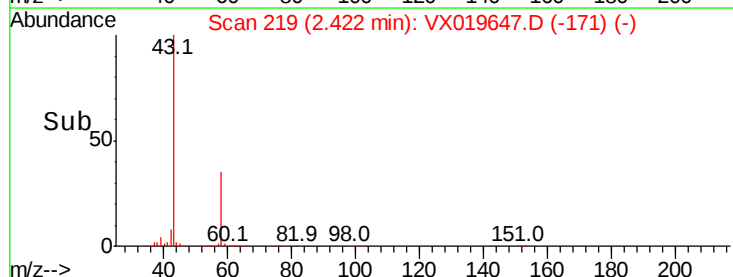
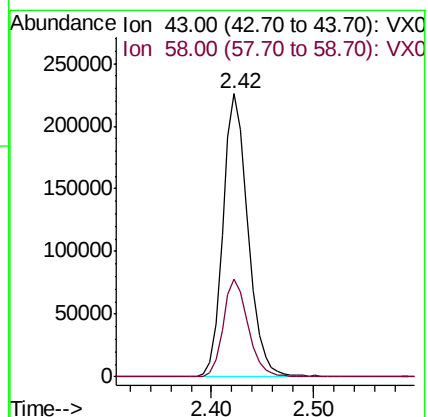
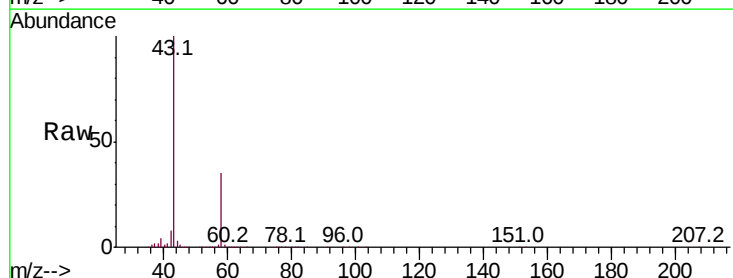
Acq: 25 Nov 2020 10:05

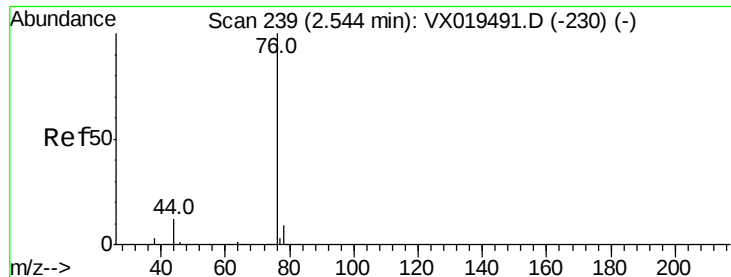
Tgt Ion: 43 Resp: 382466

Ion Ratio Lower Upper

43 100

58 34.7 27.4 41.2

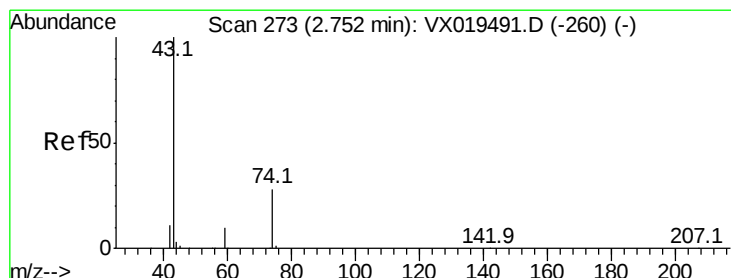
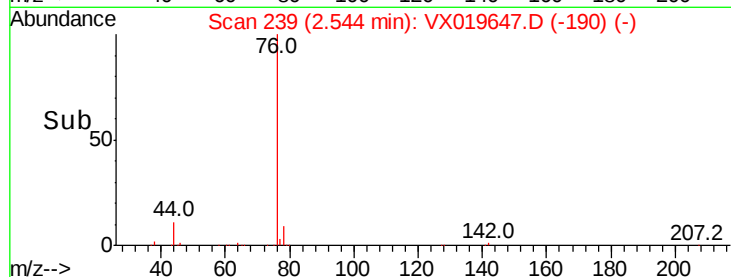
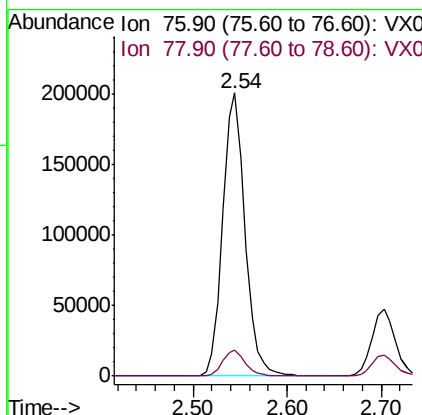
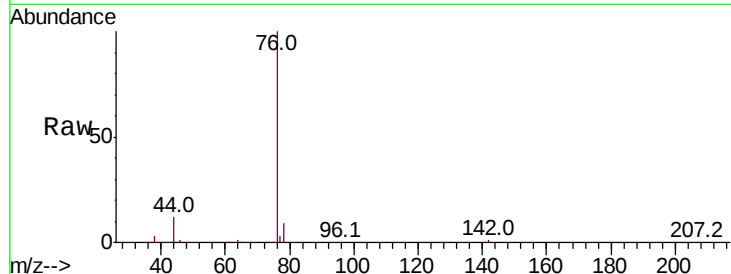




#17
Carbon Disulfide
Concen: 44.928 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

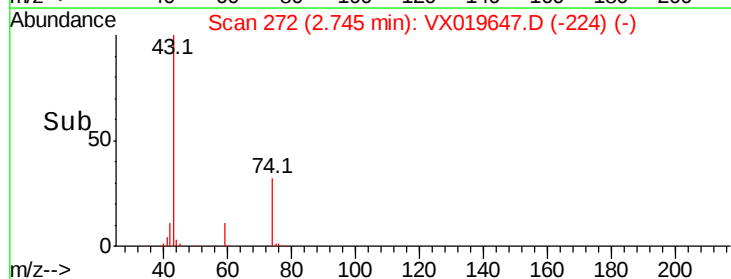
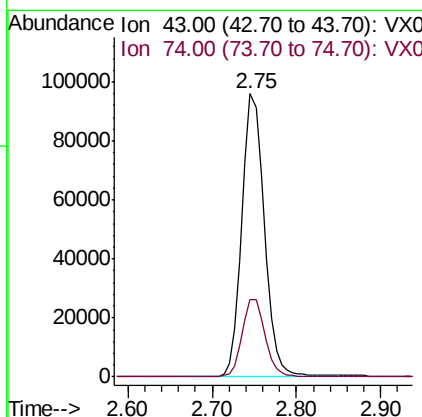
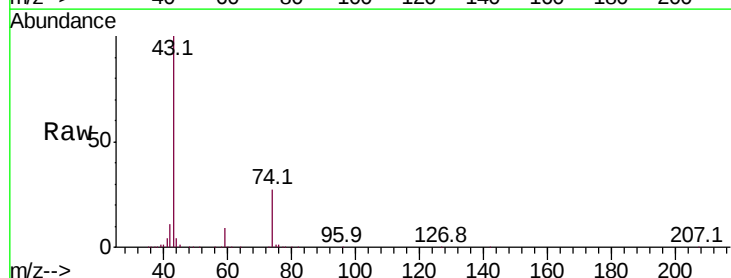
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

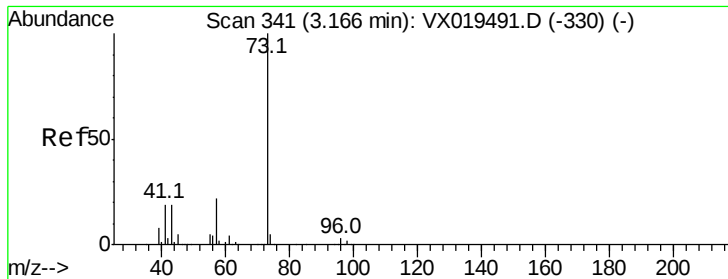
Tot Ion: 76 Resp: 329020
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 50.953 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 43 Resp: 172043
Ion Ratio Lower Upper
43 100
74 28.2 22.2 33.4



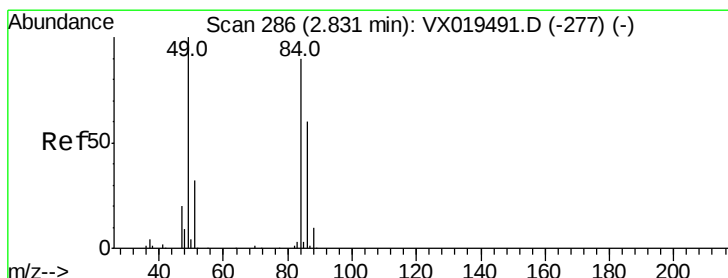
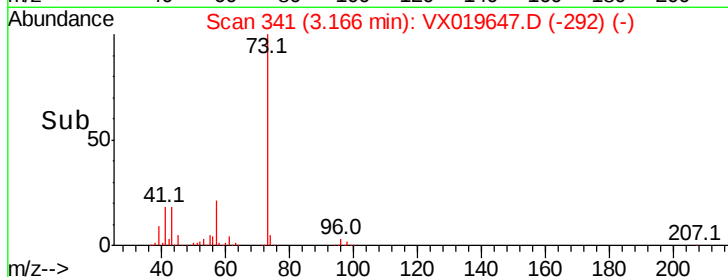
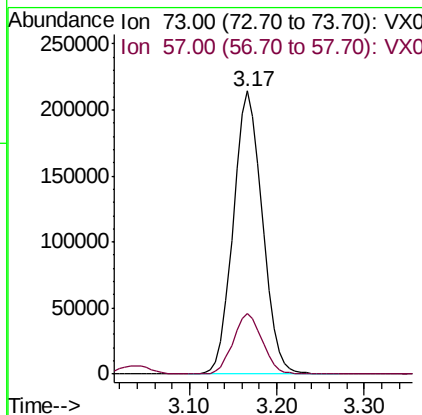
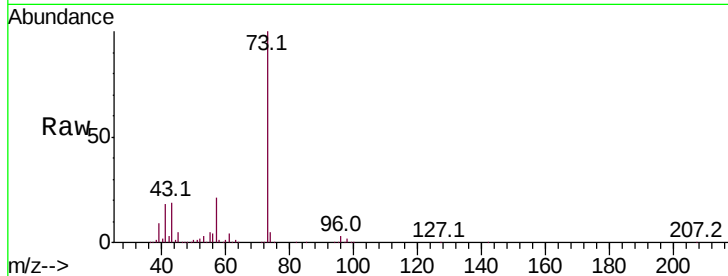


#19

Methyl tert-butyl Ether
 Concen: 52.740 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

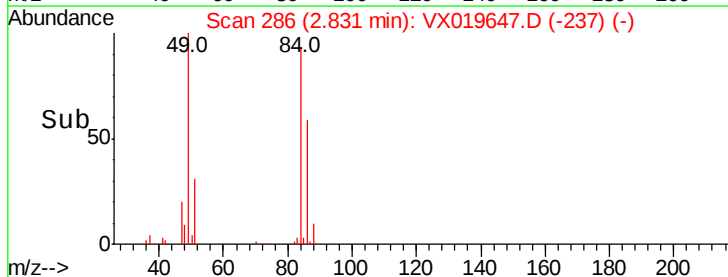
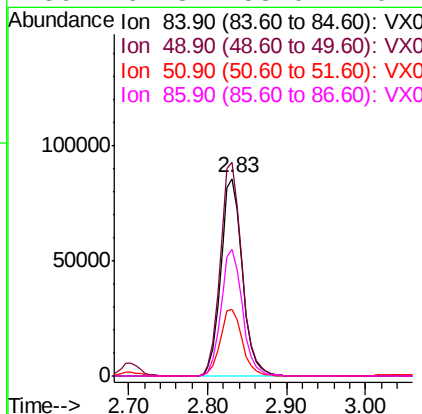
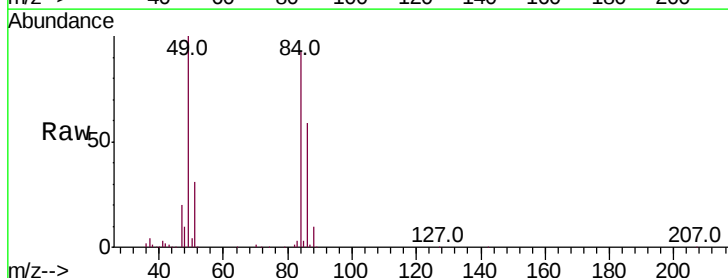
Tot Ion: 73 Resp: 496260
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.3 25.9

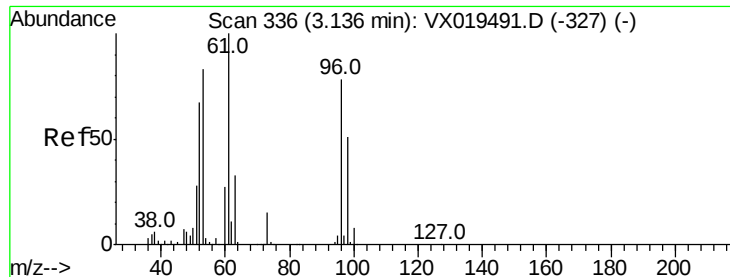


#20

Methylene Chloride
 Concen: 47.366 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion: 84 Resp: 162989
 Ion Ratio Lower Upper
 84 100
 49 108.1 88.5 132.7
 51 34.0 28.0 42.0
 86 64.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 48.620 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

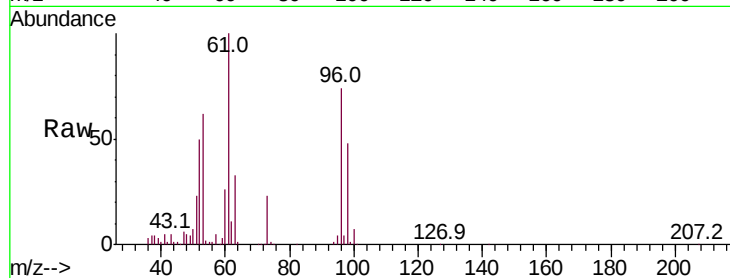
Tot Ion: 96 Resp: 150165

Ion Ratio Lower Upper

96 100

61 134.2 102.9 154.3

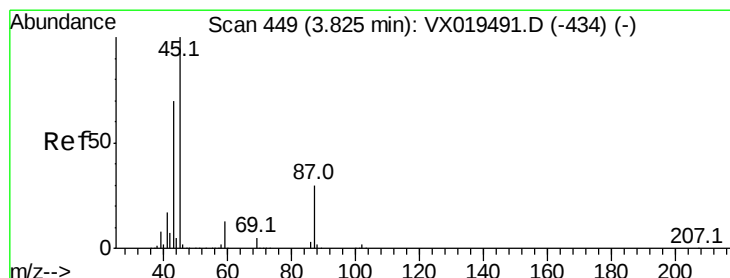
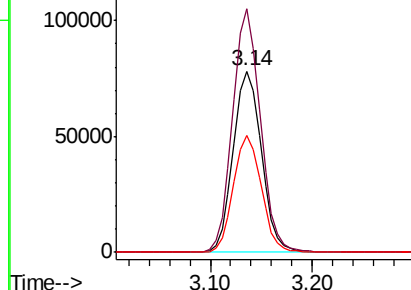
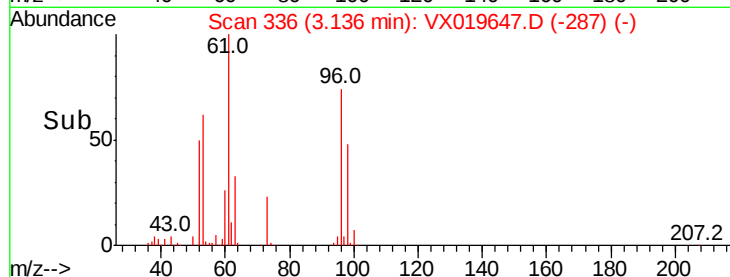
98 64.3 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.044 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Tgt Ion: 45 Resp: 450935

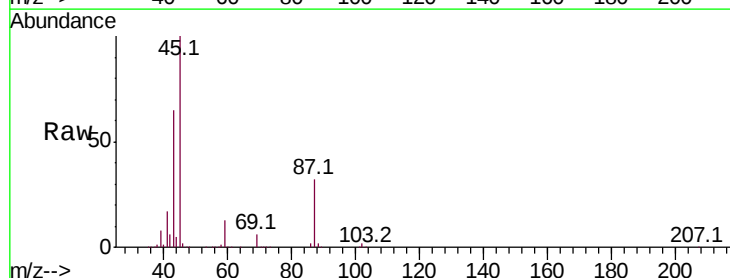
Ion Ratio Lower Upper

45 100

43 64.6 56.1 84.1

87 31.6 24.2 36.2

59 12.7 10.2 15.2

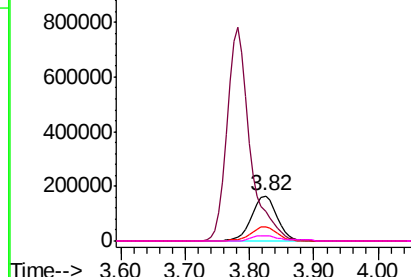
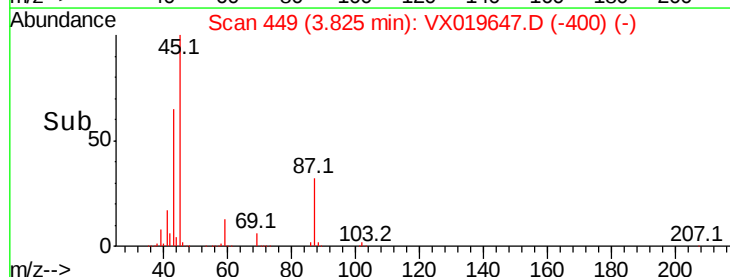


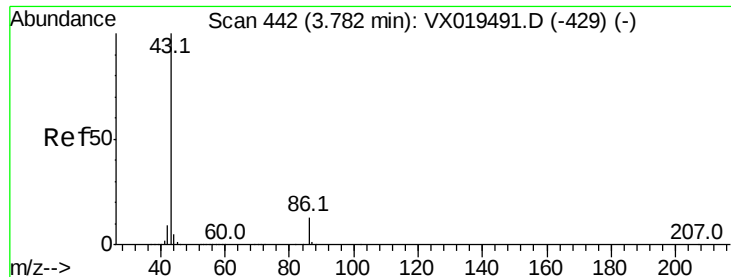
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 265.066 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

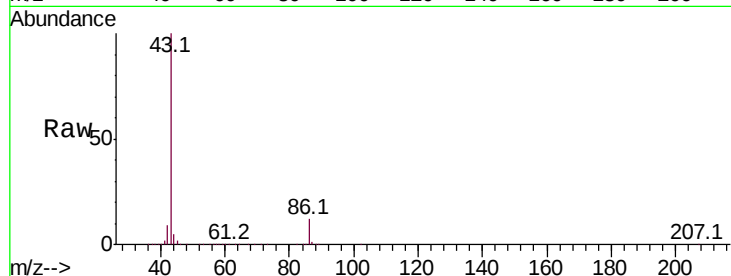
VSTDCCC050

Tot Ion: 43 Resp: 1964149

Ion Ratio Lower Upper

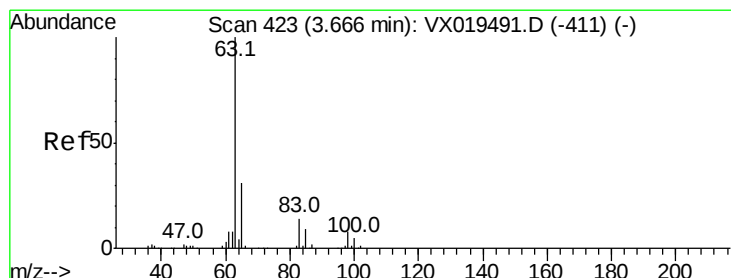
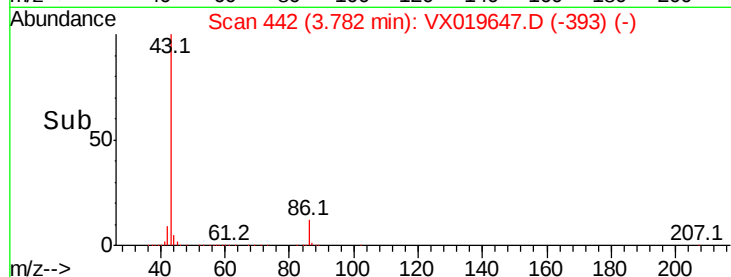
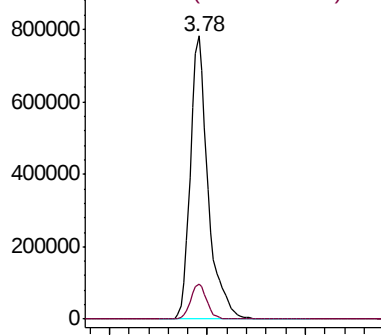
43 100

86 12.5 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.350 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

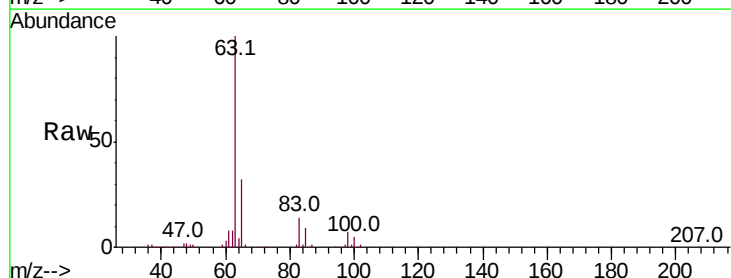
Tgt Ion: 63 Resp: 266660

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

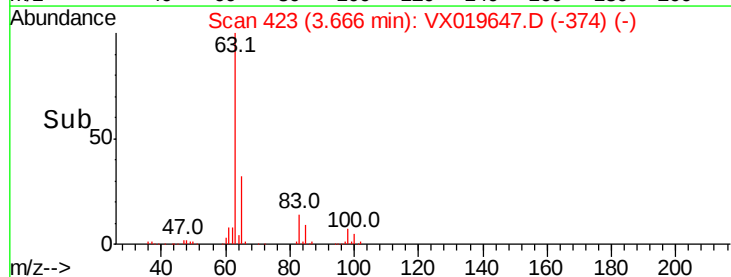
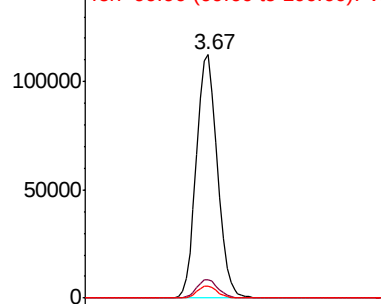
100 4.7 2.4 7.1

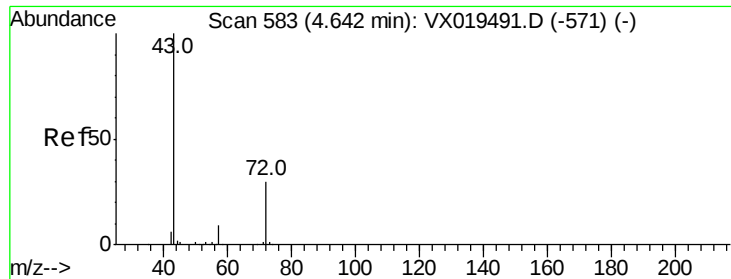


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.855 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

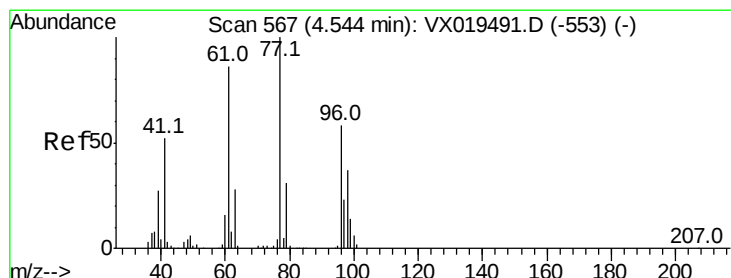
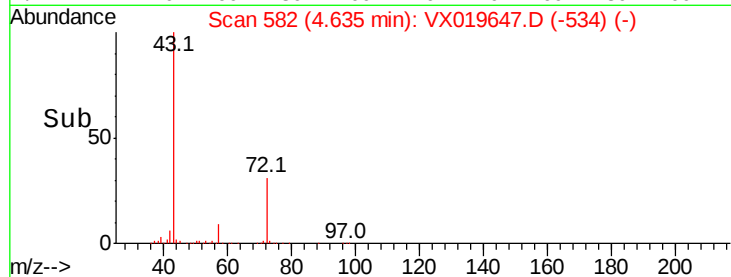
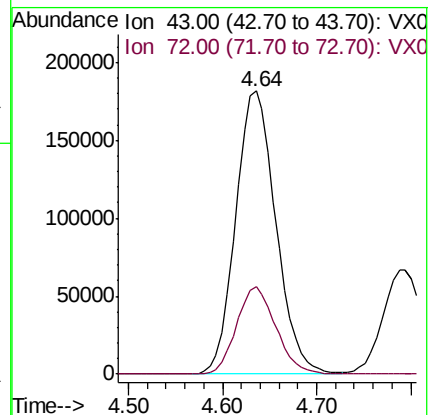
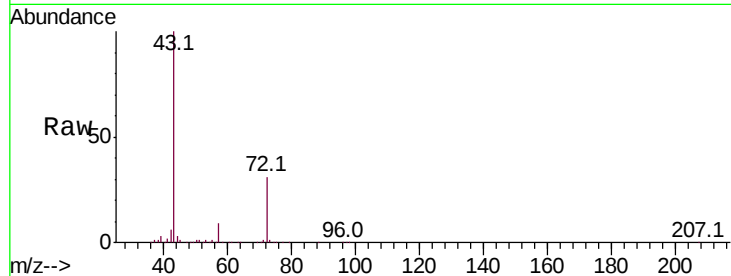
VSTDCCC050

Tot Ion: 43 Resp: 535353

Ion Ratio Lower Upper

43 100

72 30.8 24.0 36.0



#26

2,2-Dichloropropane

Concen: 49.614 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019647.D

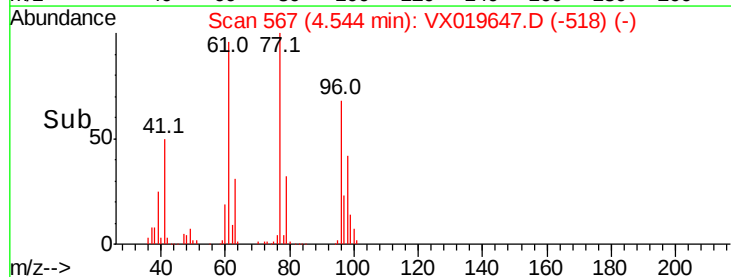
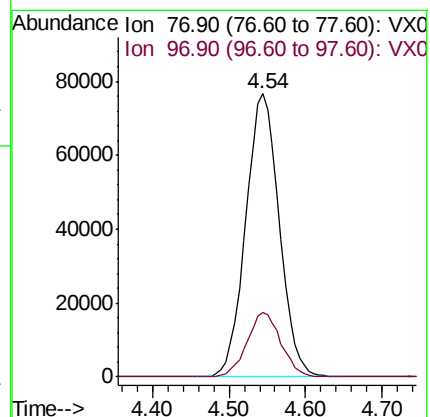
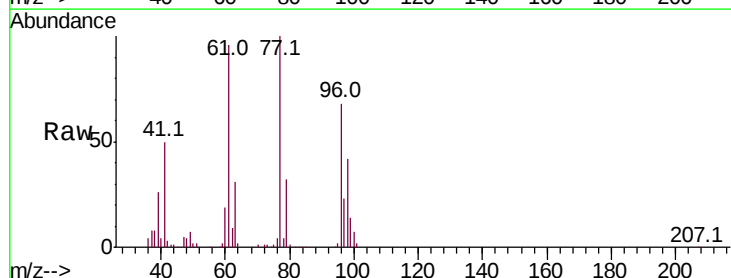
Acq: 25 Nov 2020 10:05

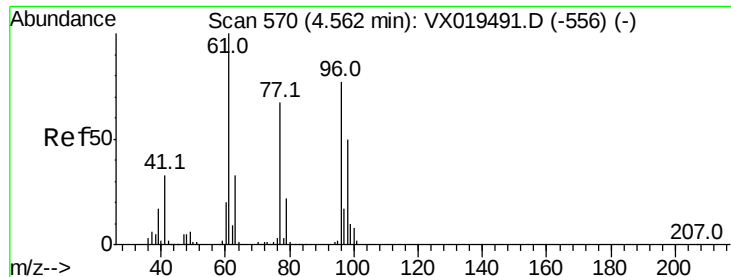
Tgt Ion: 77 Resp: 234001

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.8



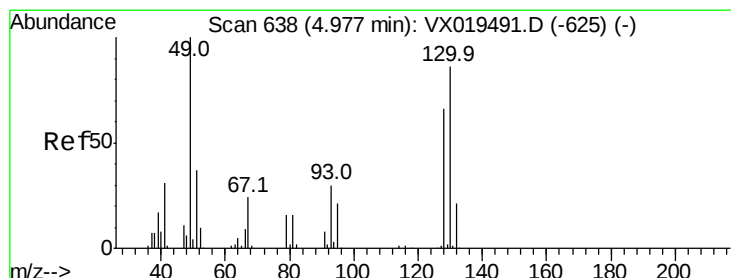
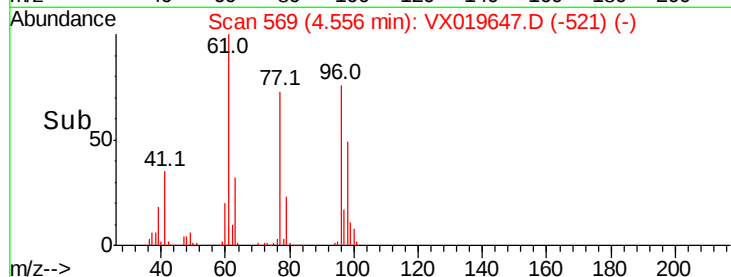
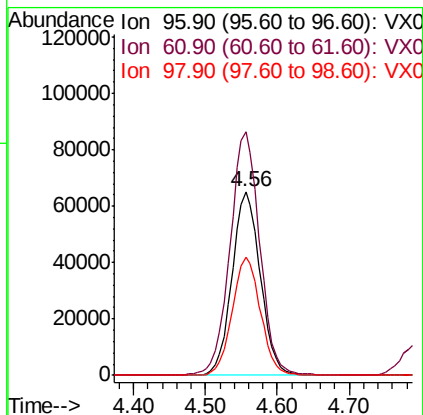
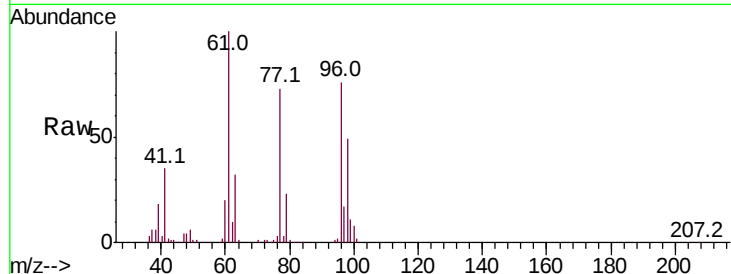


#27

cis-1,2-Dichloroethene
Concen: 50.149 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

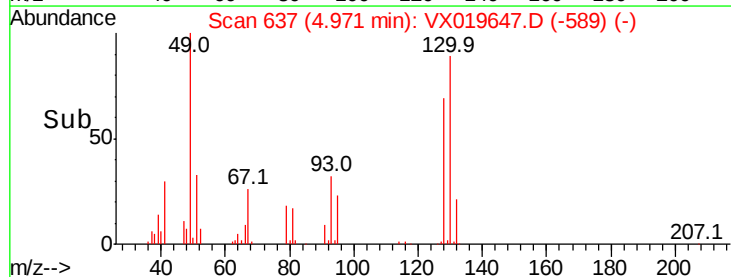
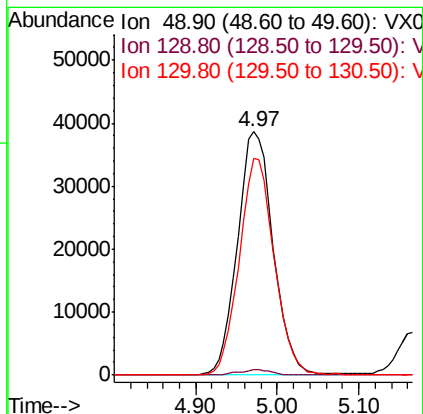
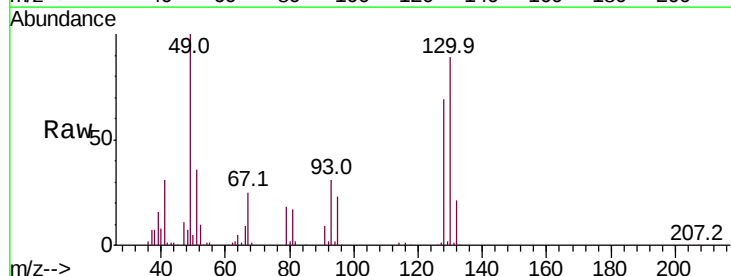
Tot Ion	96	Resp	177915
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	279.2
98	64.4	0.0	129.8

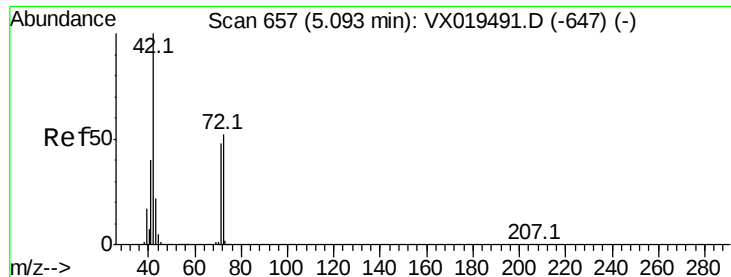


#28

Bromochloromethane
Concen: 45.589 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	49	Resp	117776
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	87.0	69.0	103.6





#29

Tetrahydrofuran

Concen: 247.226 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

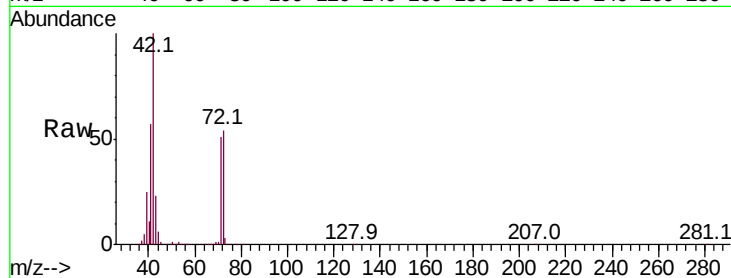
Tot Ion: 42 Resp: 326235

Ion Ratio Lower Upper

42 100

72 52.8 42.6 63.8

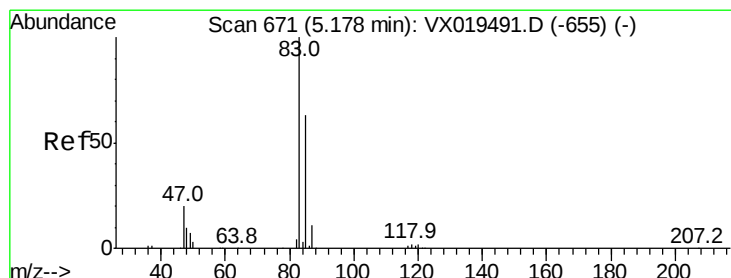
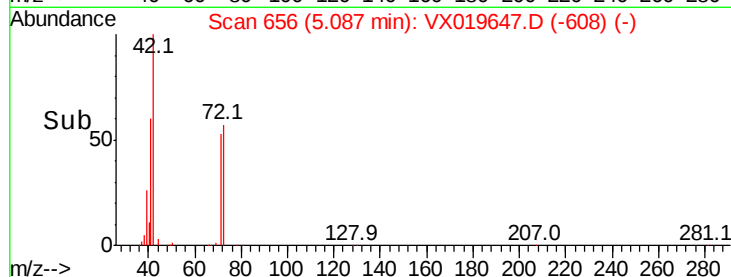
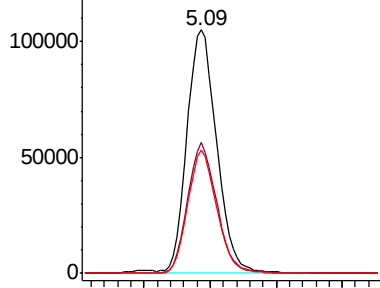
71 49.4 39.0 58.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.744 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019647.D

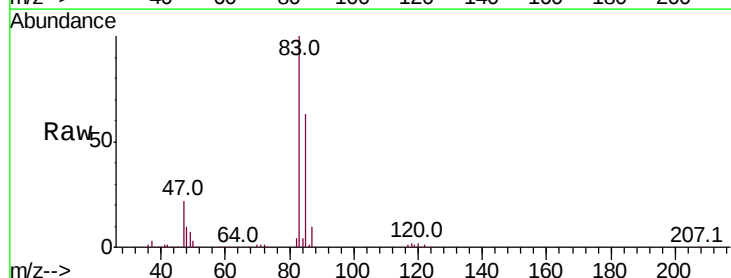
Acq: 25 Nov 2020 10:05

Tgt Ion: 83 Resp: 281060

Ion Ratio Lower Upper

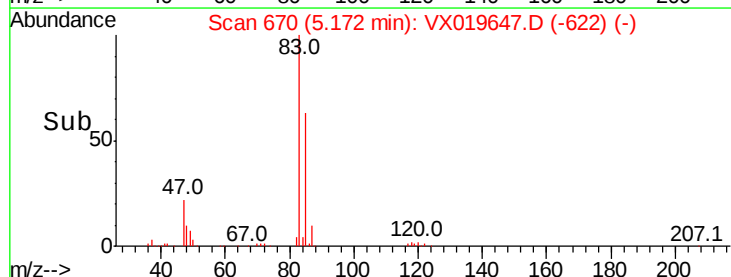
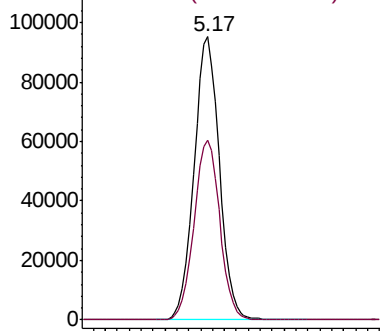
83 100

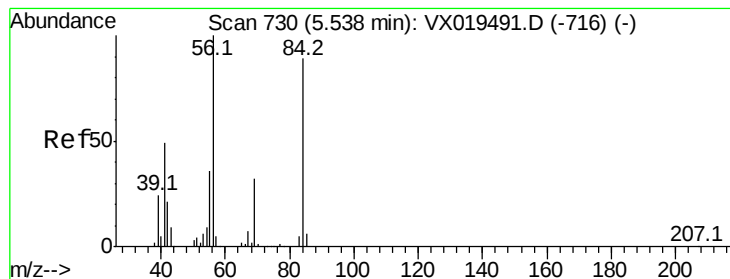
85 63.3 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.747 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

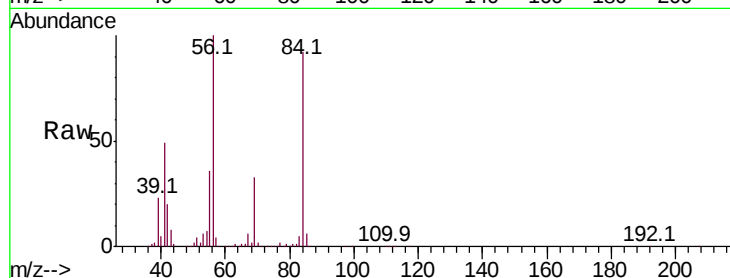
Tot Ion: 56 Resp: 221084

Ion Ratio Lower Upper

56 100

69 32.9 25.5 38.3

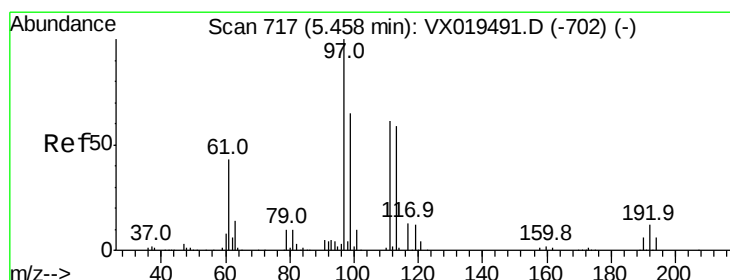
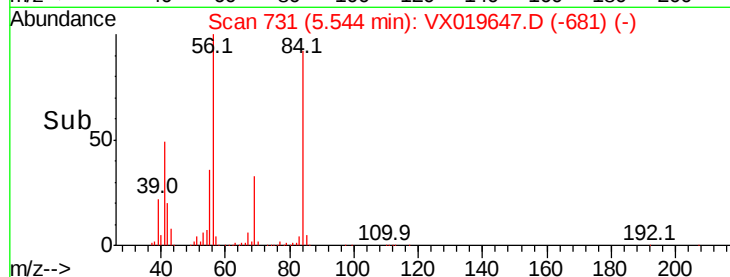
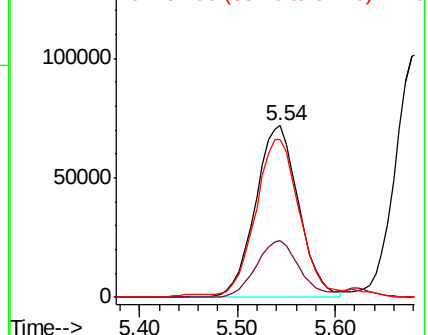
84 90.4 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.511 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

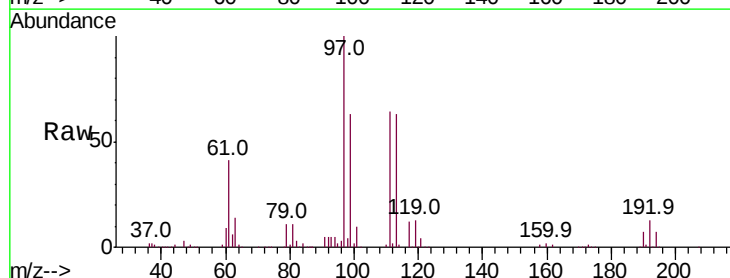
Tgt Ion: 97 Resp: 240300

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

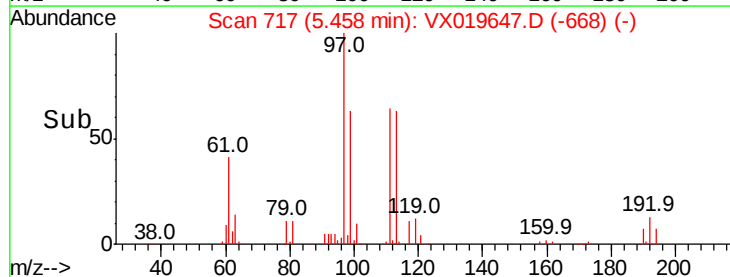
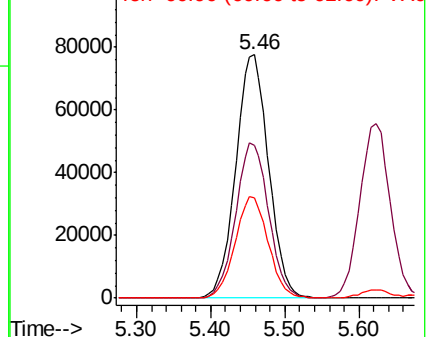
61 41.9 34.2 51.2

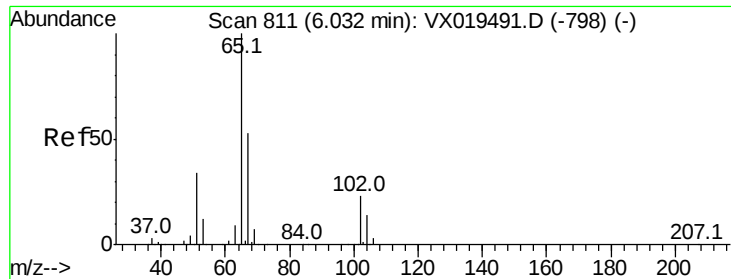


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.484 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

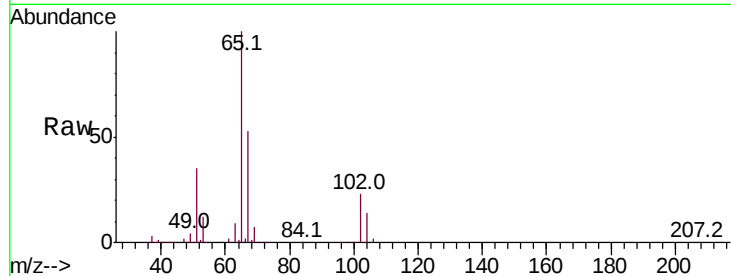
VSTDCCC050

Tot Ion: 65 Resp: 176168

Ion Ratio Lower Upper

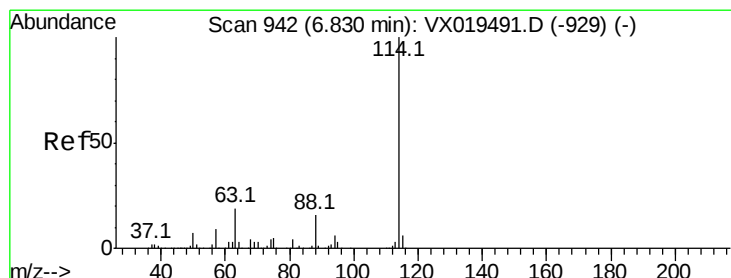
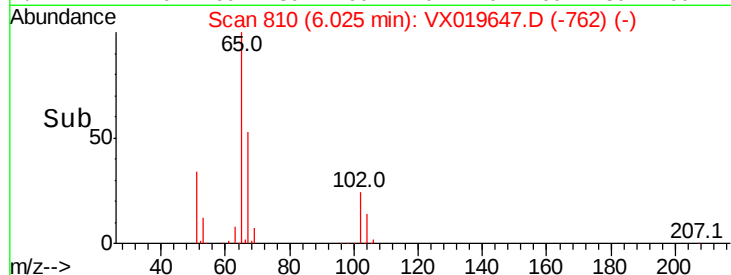
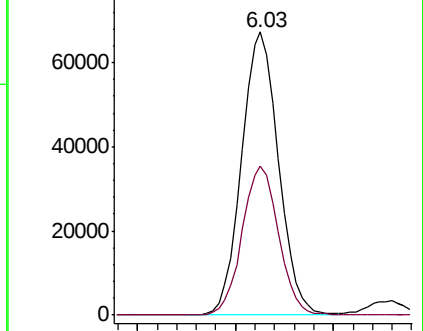
65 100

67 52.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

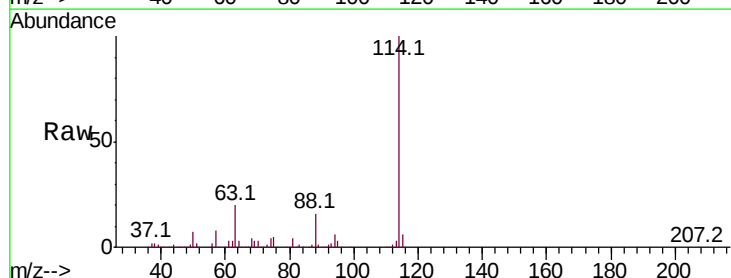
Tgt Ion: 114 Resp: 451241

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

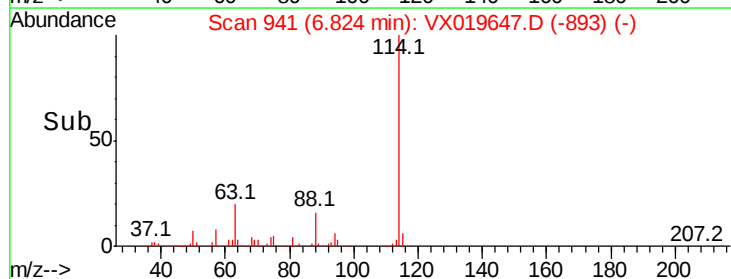
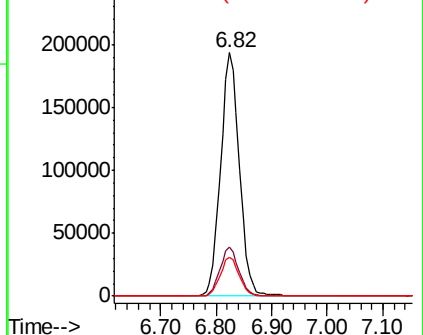
88 16.2 0.0 31.6

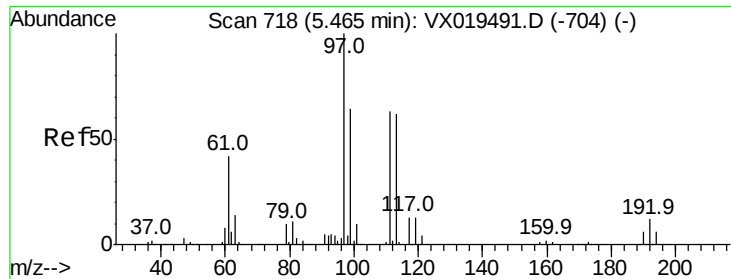


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

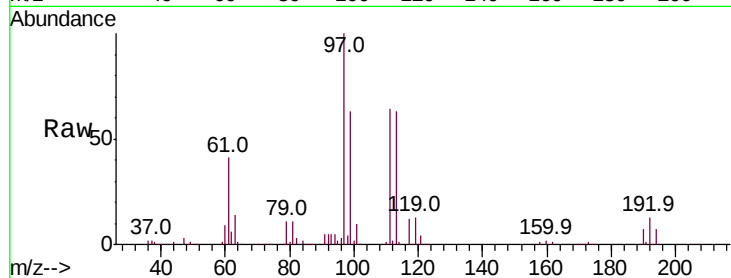




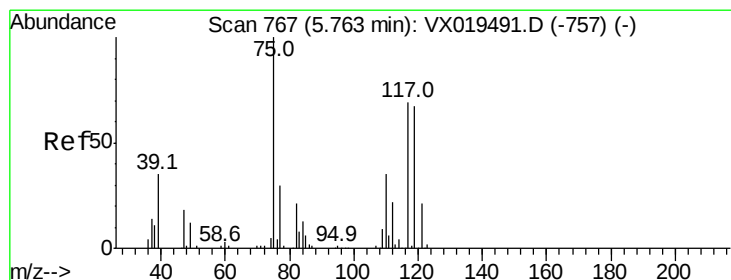
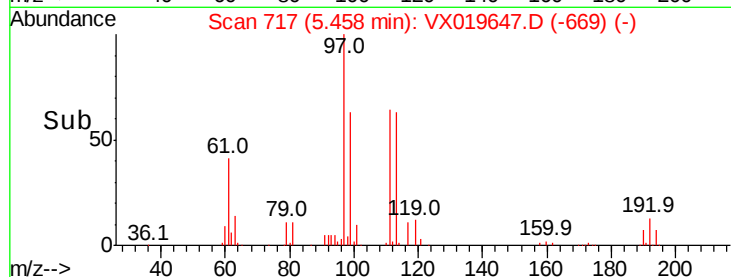
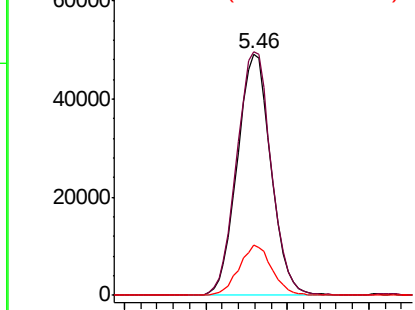
#35
Dibromofluoromethane
Concen: 49.801 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 141058
Ion Ratio Lower Upper
113 100
111 103.3 81.5 122.3
192 20.4 16.2 24.2

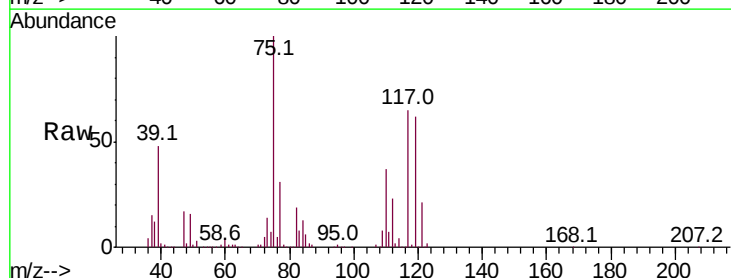


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

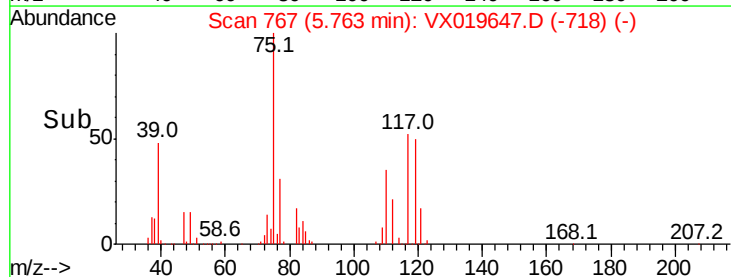
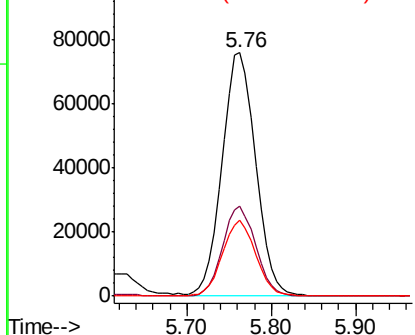


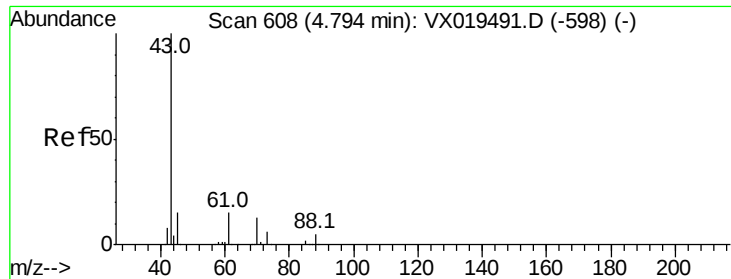
#36
1,1-Dichloropropene
Concen: 48.563 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 75 Resp: 205440
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.3
77 30.2 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

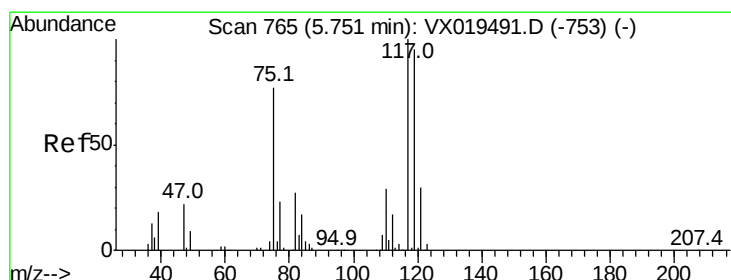
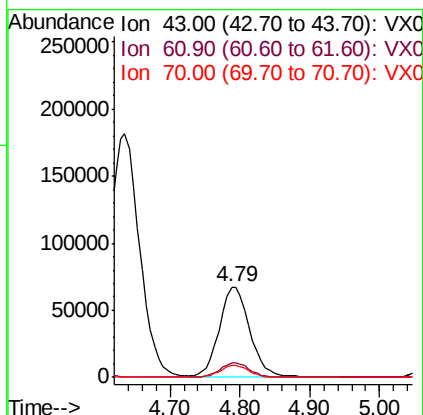
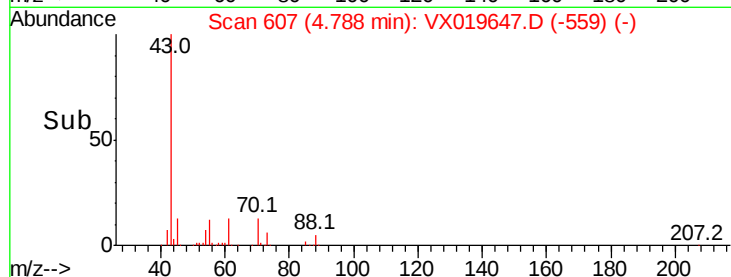
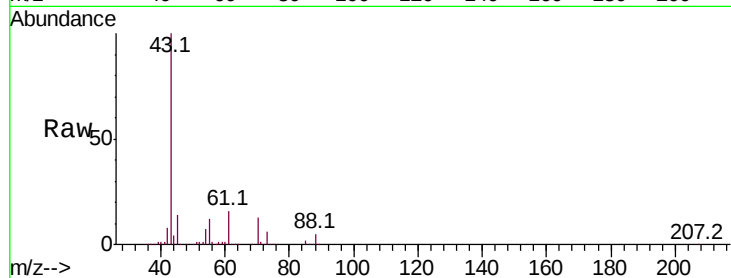




#37
Ethyl Acetate
Concen: 51.032 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

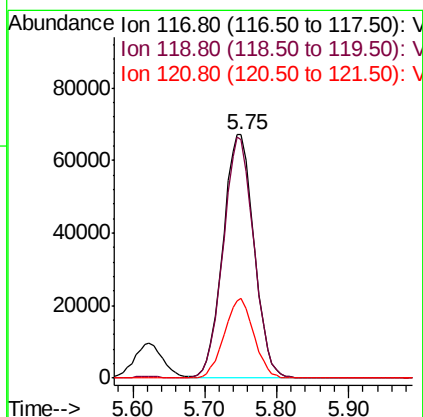
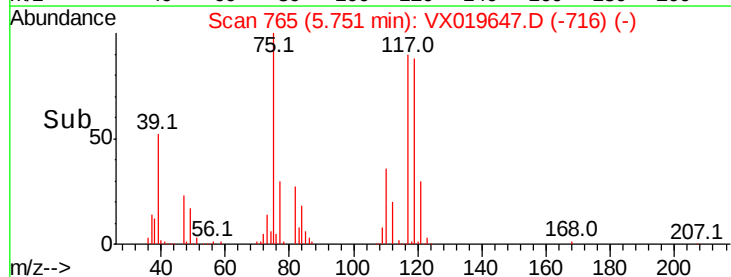
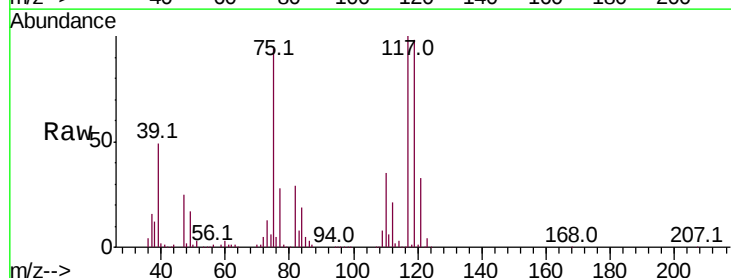
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

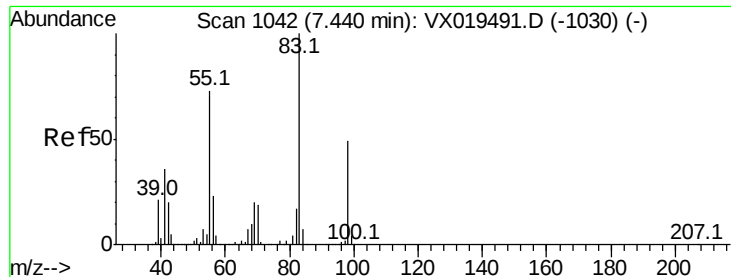
Tot Ion: 43 Resp: 202671
Ion Ratio Lower Upper
43 100
61 16.0 12.7 19.1
70 13.1 10.2 15.2



#38
Carbon Tetrachloride
Concen: 49.226 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 117 Resp: 201567
Ion Ratio Lower Upper
117 100
119 97.7 75.9 113.9
121 32.6 24.0 36.0

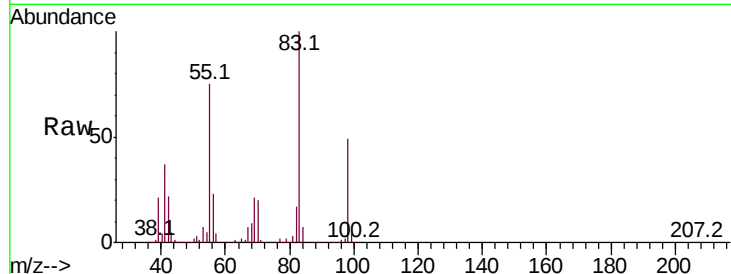




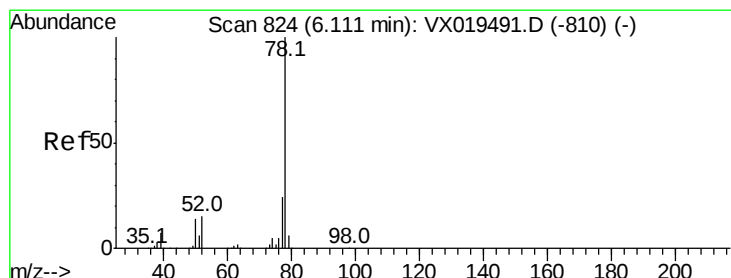
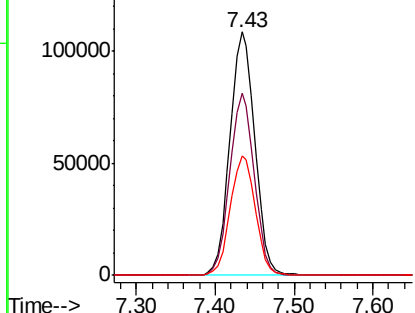
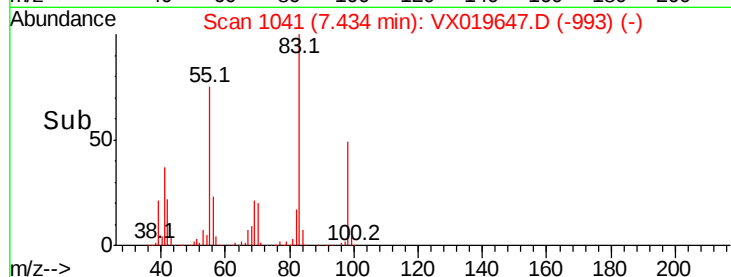
#39
Methvlcvclohexane
Concen: 48.674 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	239754
Ion Ratio	Lower	Upper	
83	100		
55	74.9	58.3	87.5
98	49.2	38.9	58.3

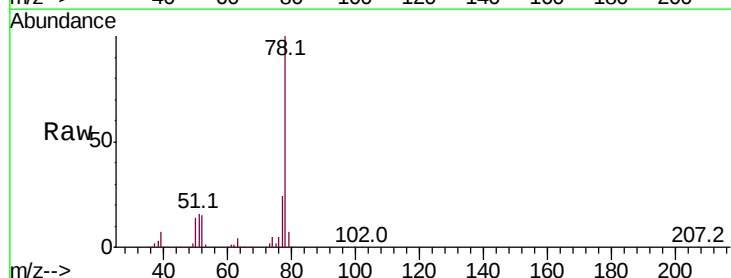


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

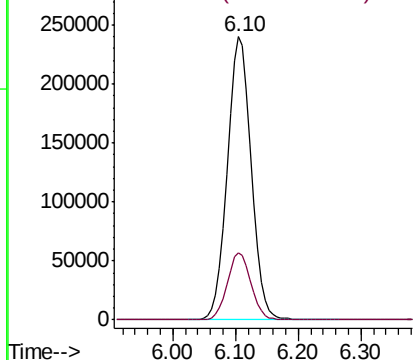
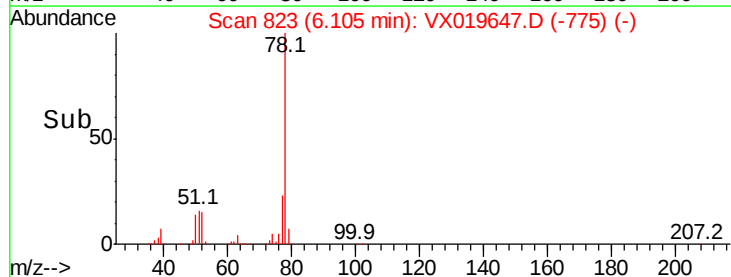


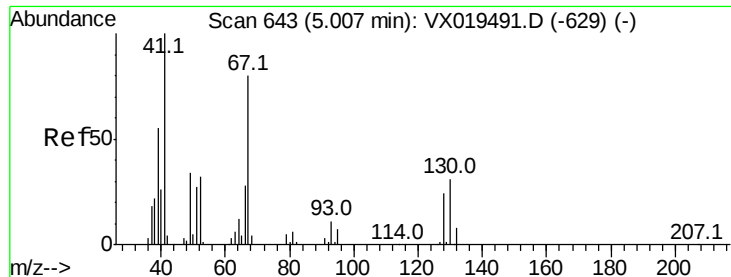
#40
Benzene
Concen: 48.543 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	78	Resp	630954
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.9	28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

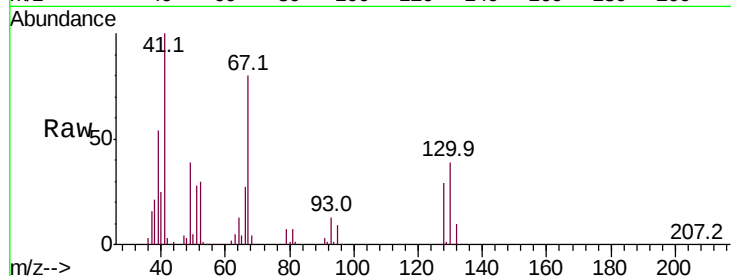




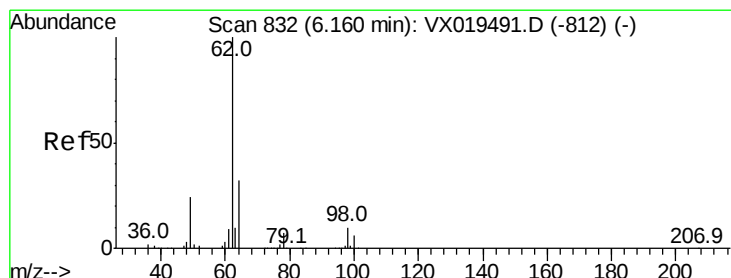
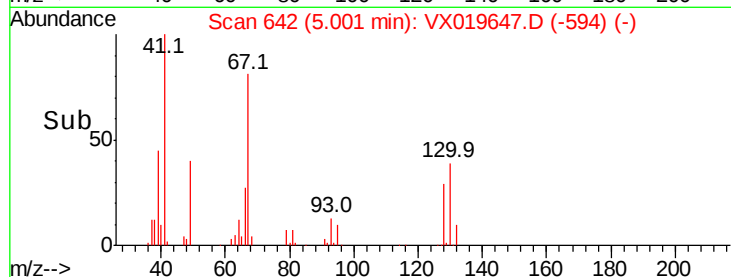
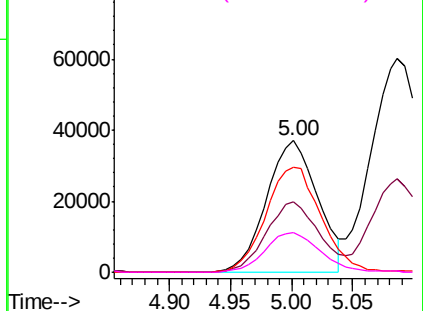
#41
Methacrylonitrile
Concen: 49.420 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	108232
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.3	64.9
67	86.6	66.0	99.0
52	32.2	25.4	38.2

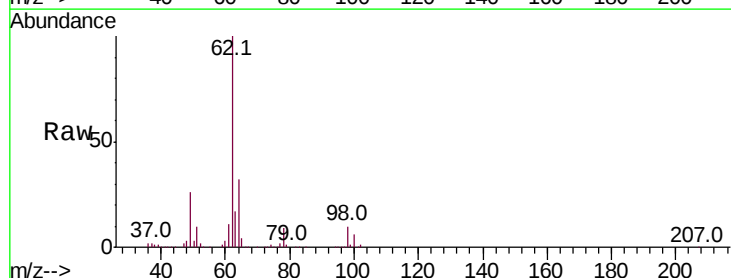


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

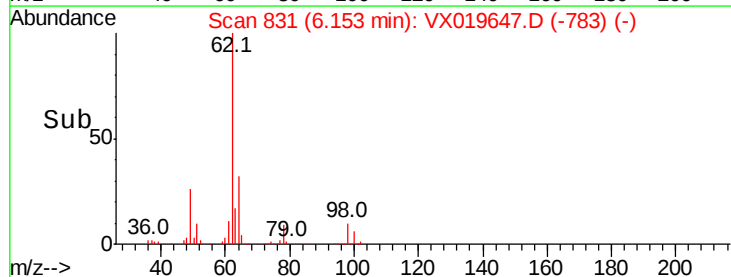
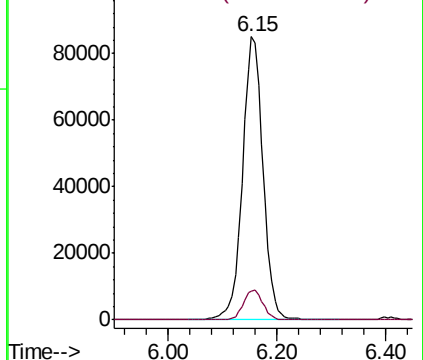


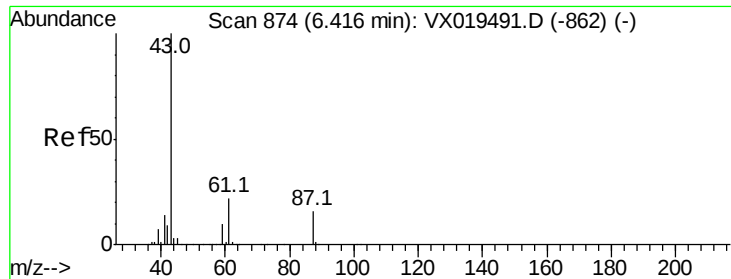
#42
1,2-Dichloroethane
Concen: 50.052 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion:	62	Resp:	222985
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.313 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

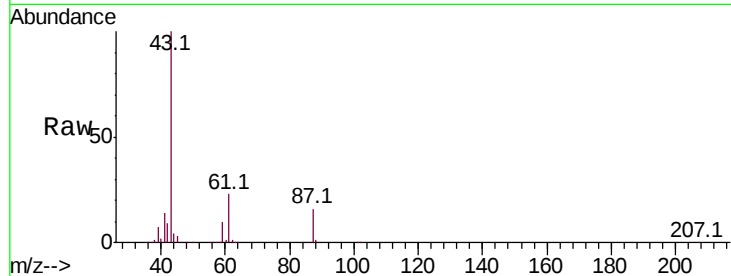
Tot Ion: 43 Resp: 335890

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.2

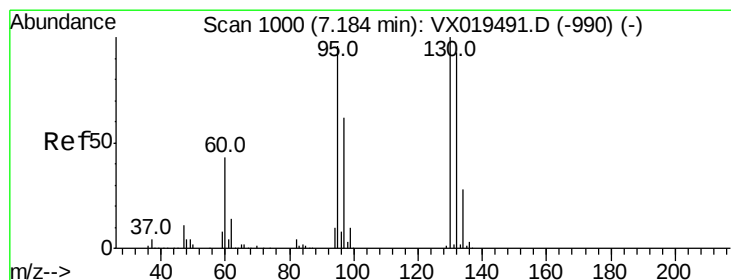
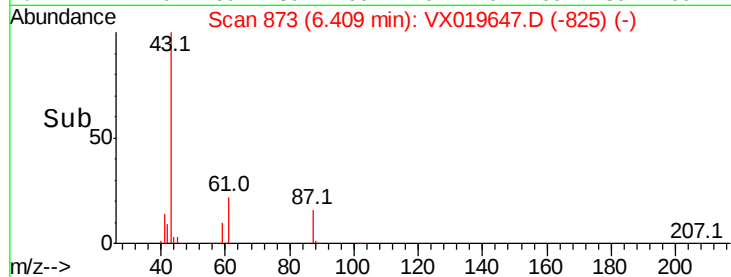
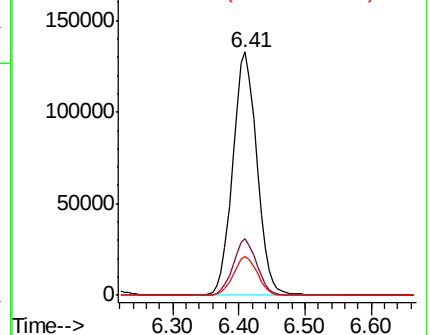
87 15.9 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.240 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019647.D

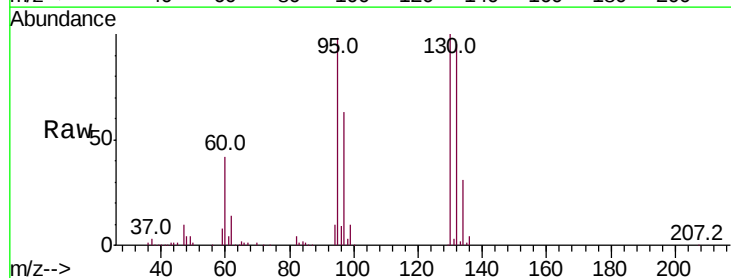
Acq: 25 Nov 2020 10:05

Tgt Ion:130 Resp: 167645

Ion Ratio Lower Upper

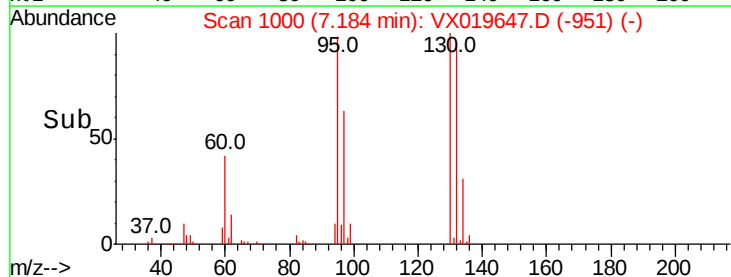
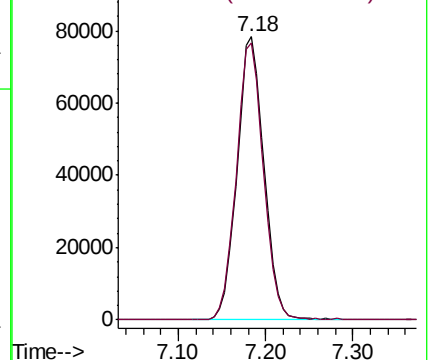
130 100

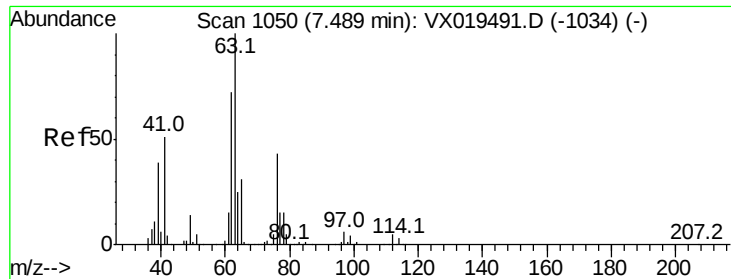
95 97.9 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.169 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

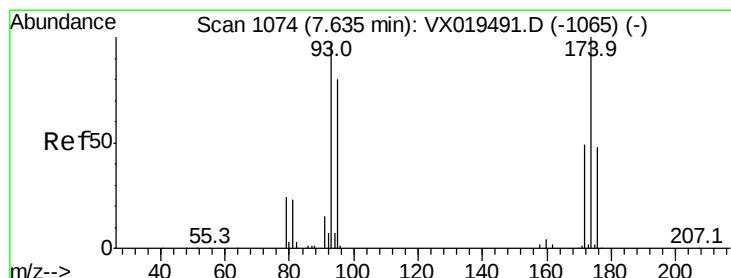
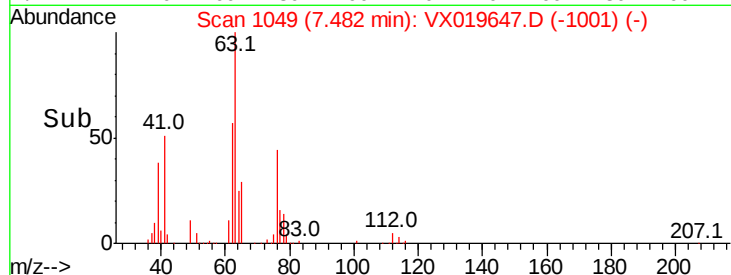
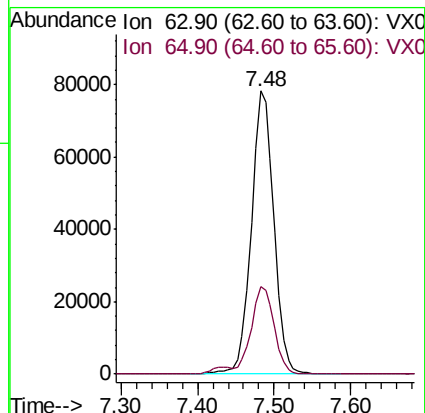
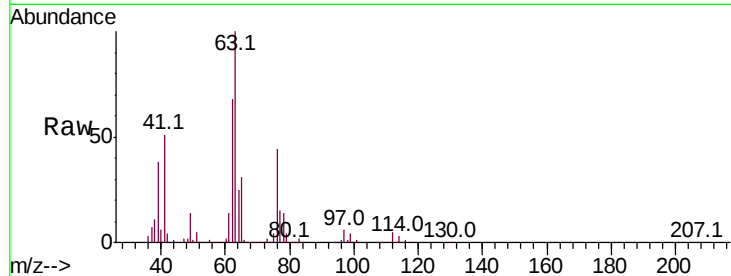
VSTDCCC050

Tot Ion: 63 Resp: 160532

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4



#46

Dibromomethane

Concen: 50.726 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

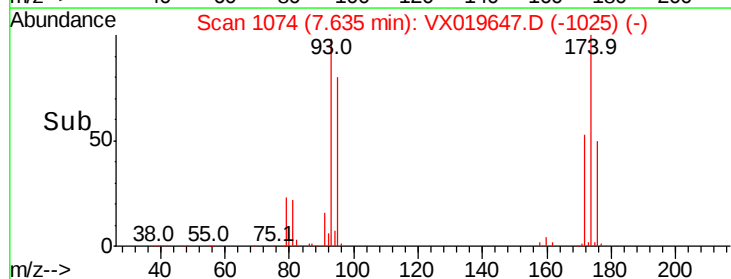
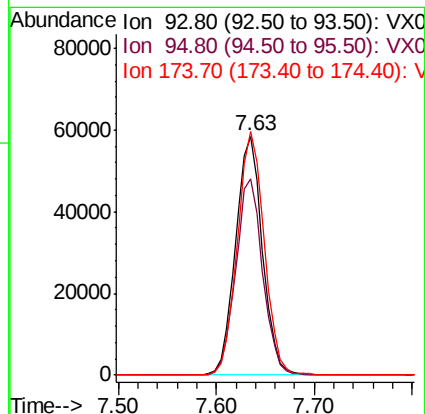
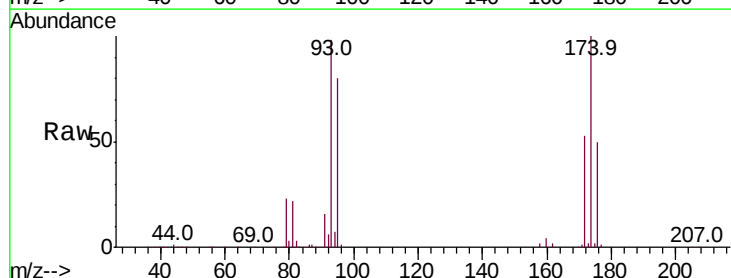
Tgt Ion: 93 Resp: 111092

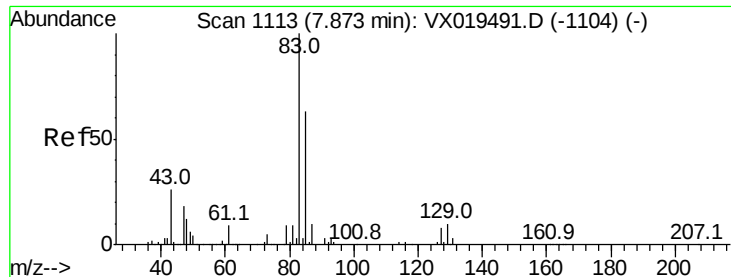
Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

174 102.2 83.0 124.4





#47

Bromodichloromethane

Concen: 51.354 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

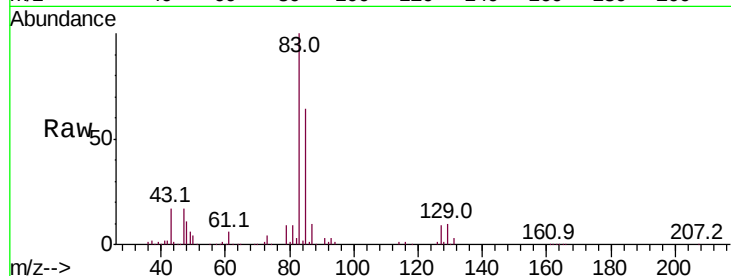
Tot Ion: 83 Resp: 218241

Ion Ratio Lower Upper

83 100

85 63.9 50.2 75.2

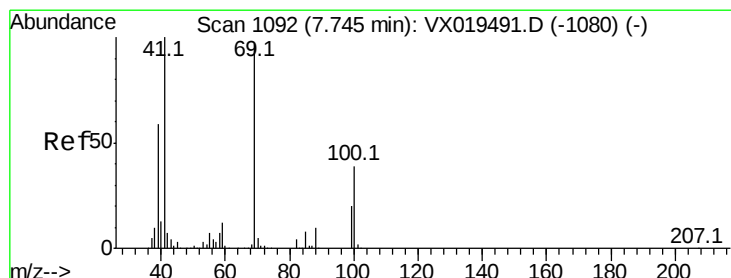
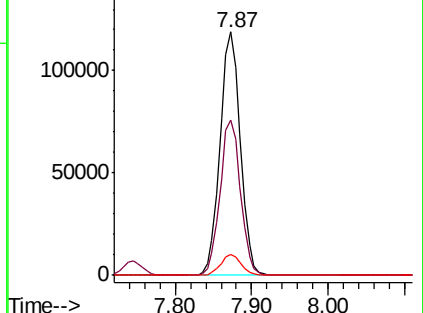
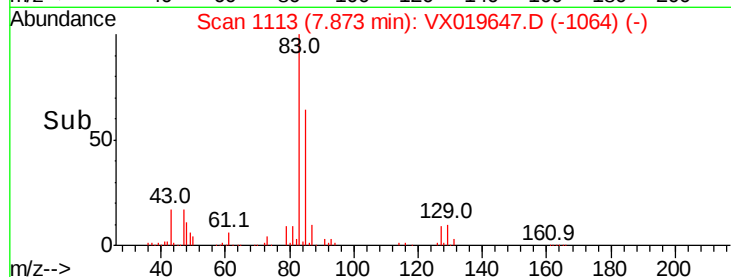
127 8.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 52.614 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

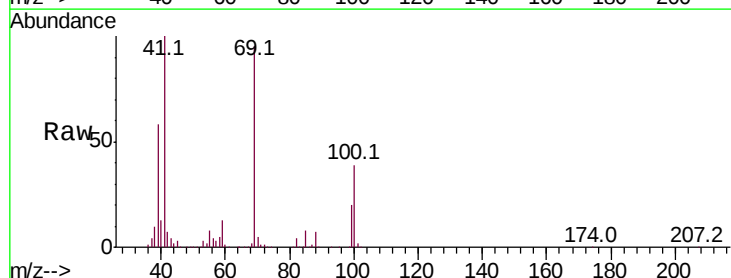
Tgt Ion: 41 Resp: 164502

Ion Ratio Lower Upper

41 100

69 95.7 77.0 115.6

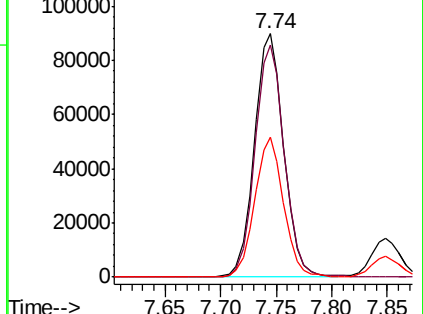
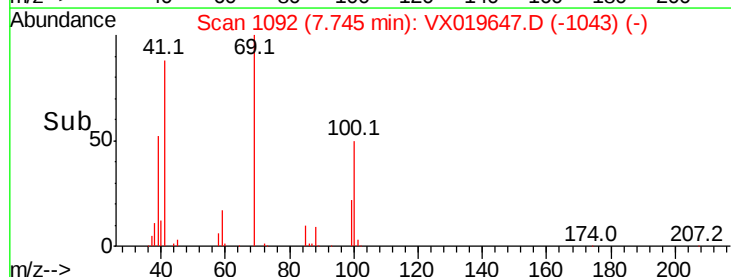
39 56.6 45.6 68.4

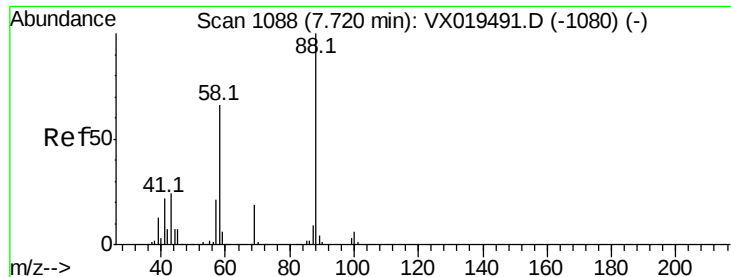


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

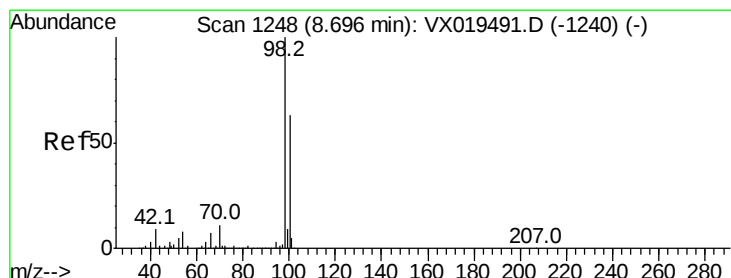
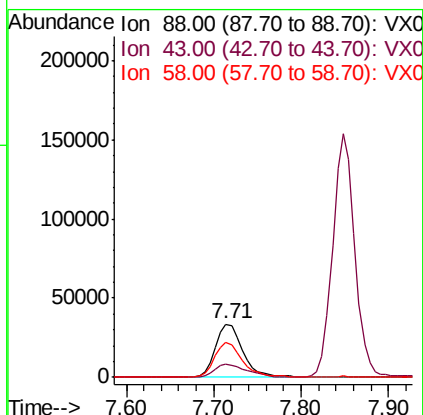
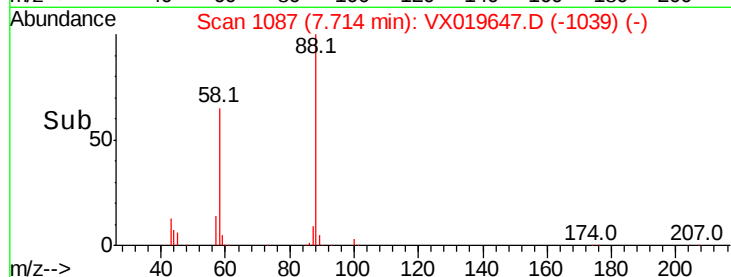
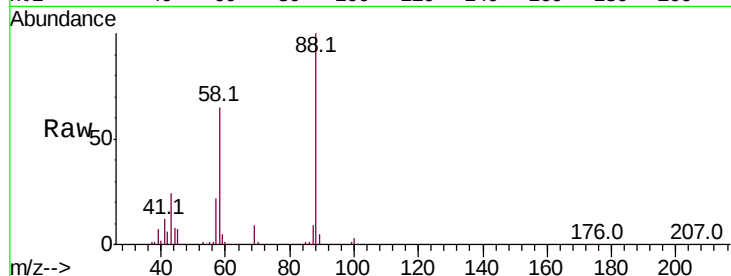




#49
1,4-Dioxane
Concen: 1046.222 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

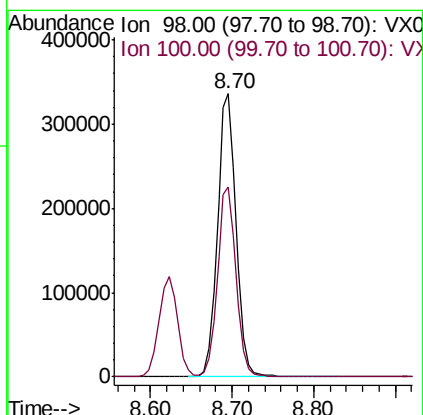
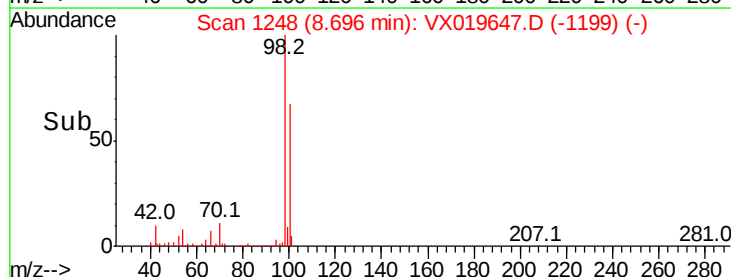
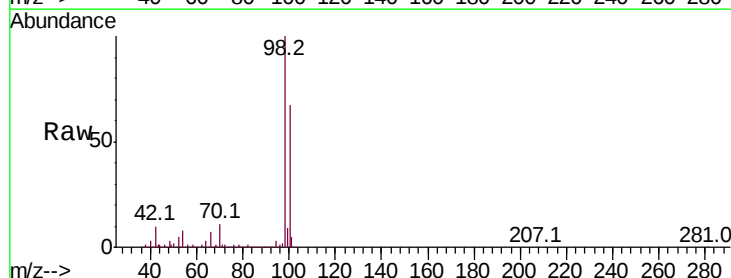
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

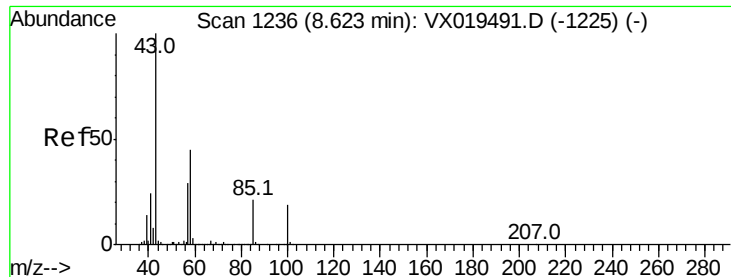
Tot Ion: 88 Resp: 74271
Ion Ratio Lower Upper
88 100
43 29.1 23.8 35.6
58 67.3 54.2 81.2



#50
Toluene-d8
Concen: 48.566 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 98 Resp: 534544
Ion Ratio Lower Upper
98 100
100 67.2 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 255.357 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

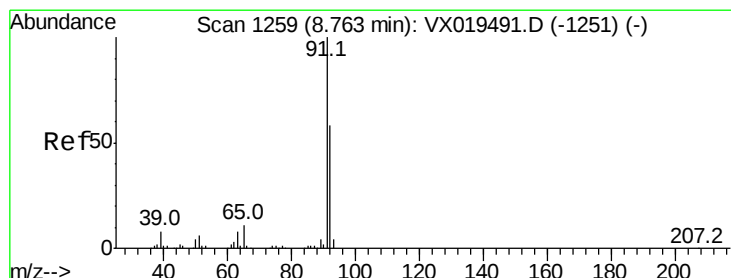
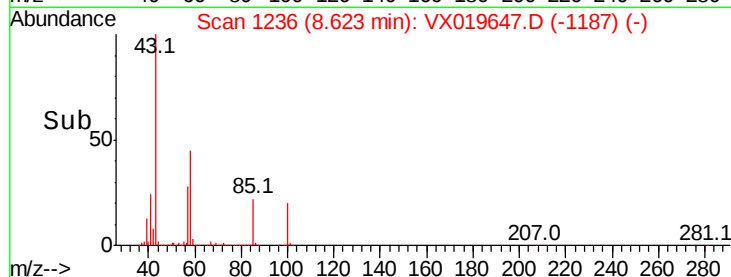
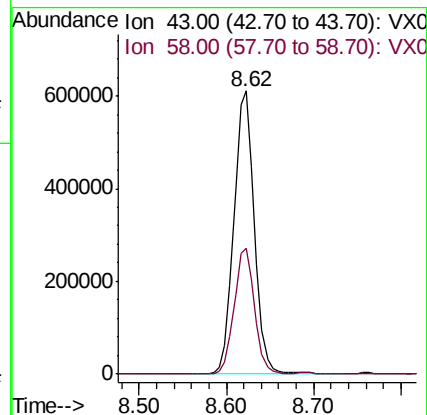
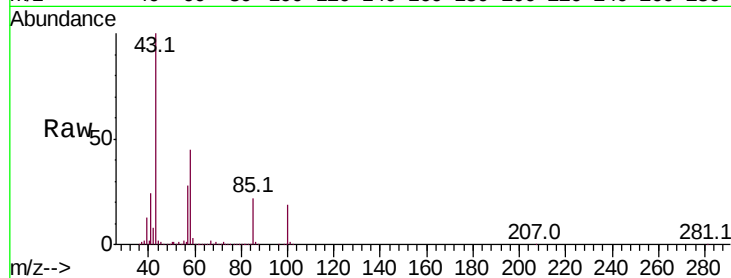
VSTDCCC050

Tot Ion: 43 Resp: 994106

Ion Ratio Lower Upper

43 100

58 44.3 35.1 52.7



#52

Toluene

Concen: 49.765 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019647.D

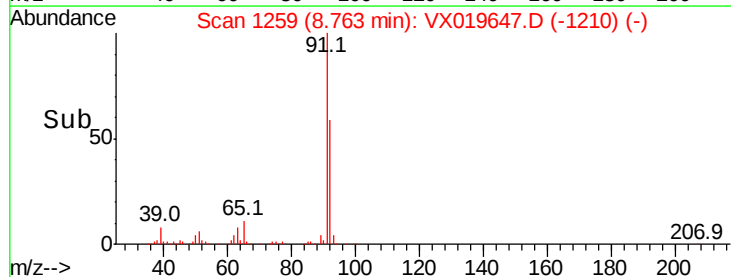
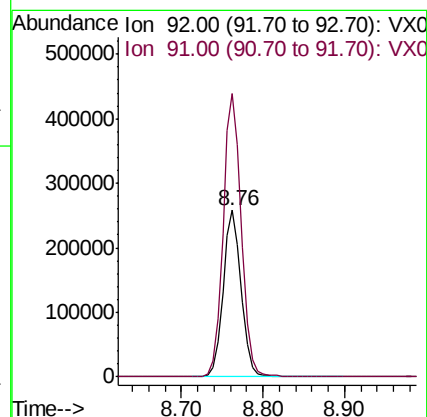
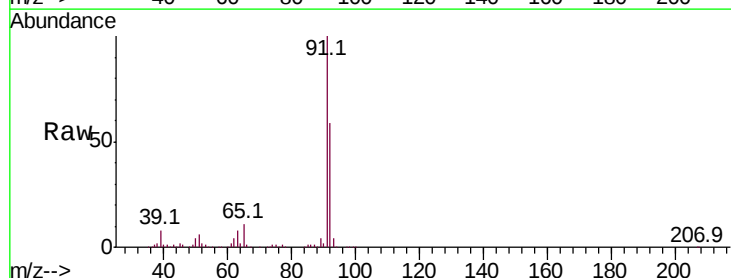
Acq: 25 Nov 2020 10:05

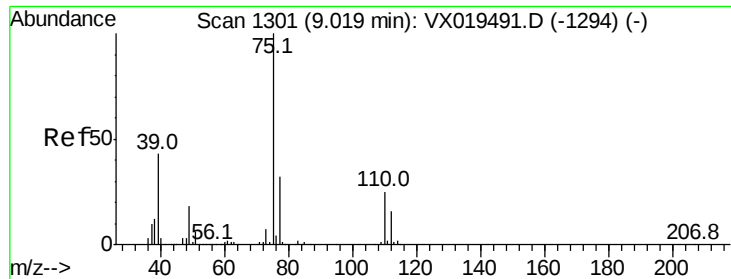
Tgt Ion: 92 Resp: 395703

Ion Ratio Lower Upper

92 100

91 172.0 138.1 207.1

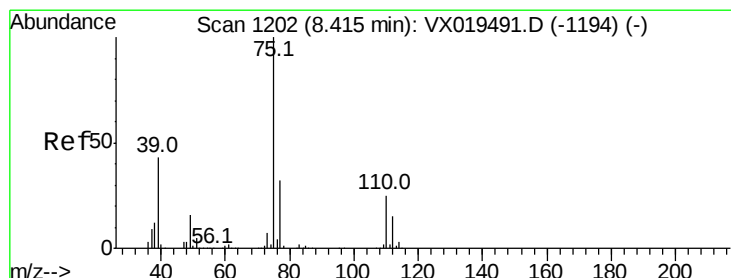
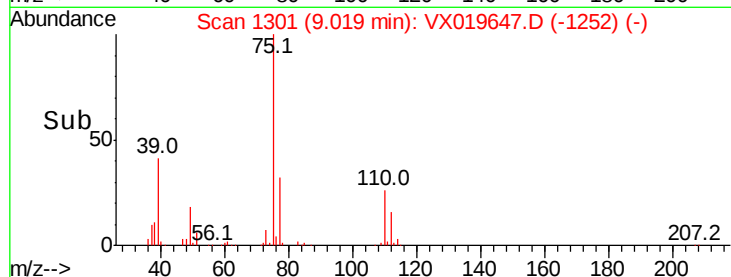
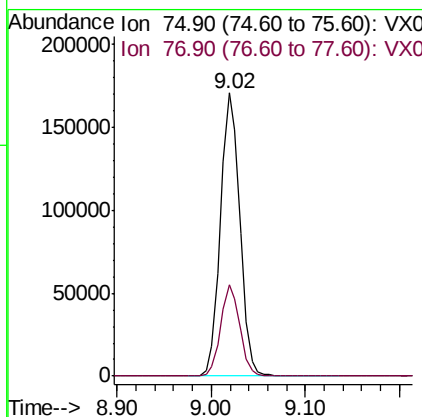
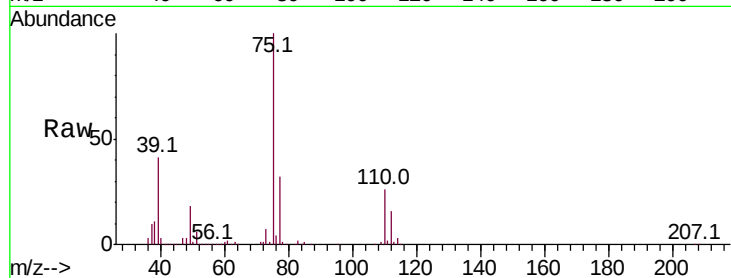




#53
 t-1,3-Dichloropropene
 Concen: 53.347 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

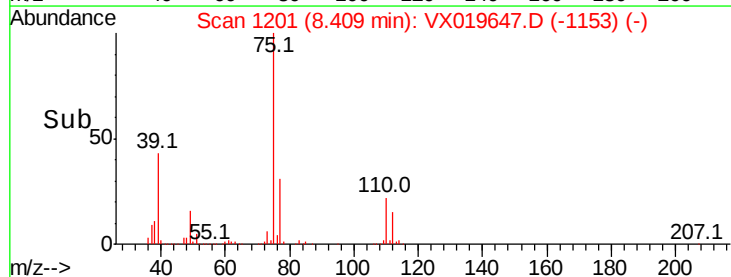
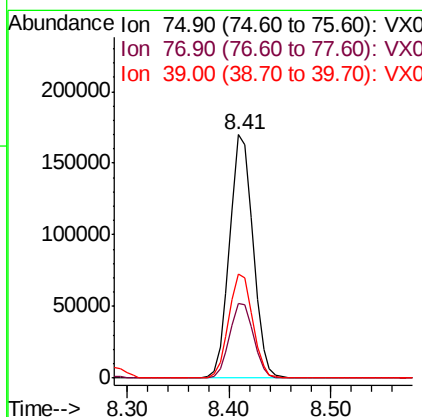
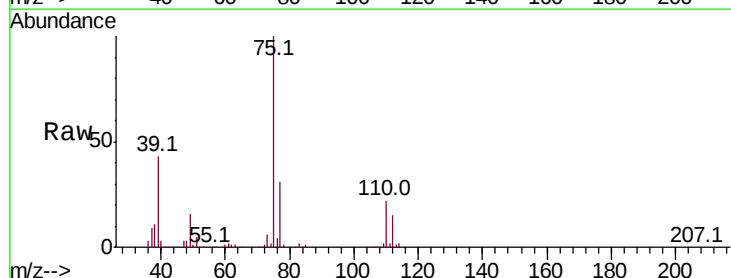
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

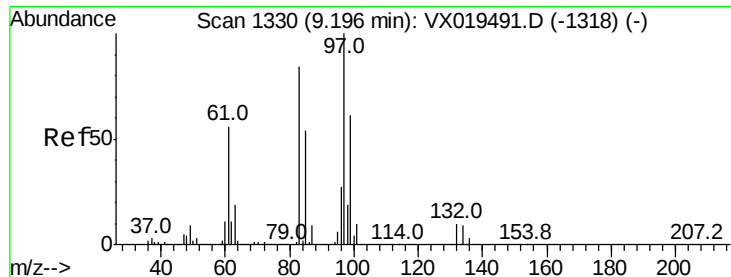
Tot Ion: 75 Resp: 244842
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.815 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion: 75 Resp: 269006
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.6
 39 42.8 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 50.666 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 164074

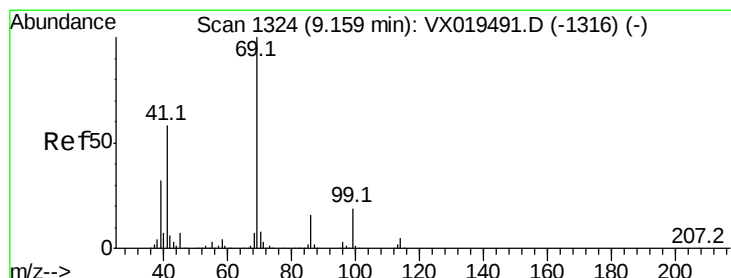
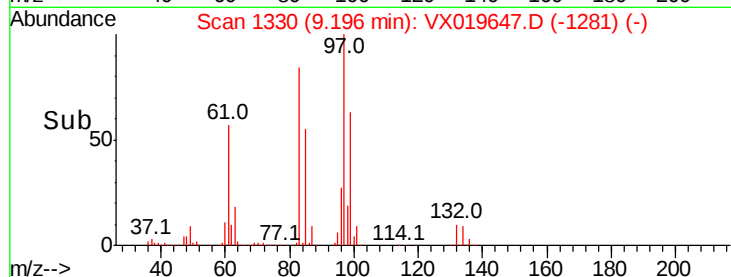
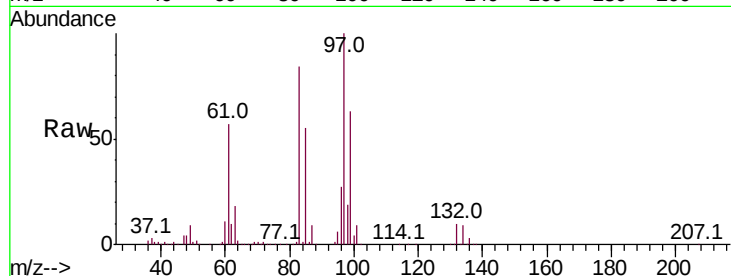
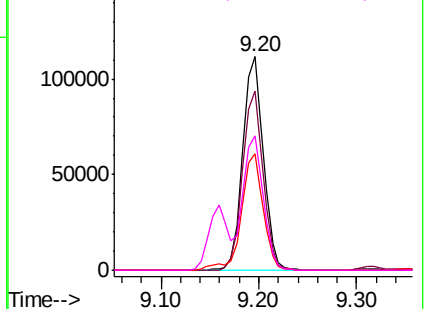
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.0	100.6
85	54.6	43.4	65.0
99	63.2	49.0	73.4

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.697 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

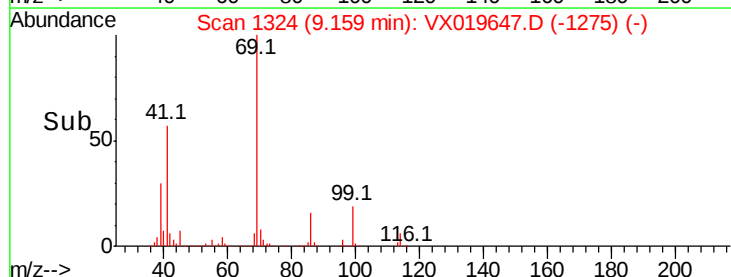
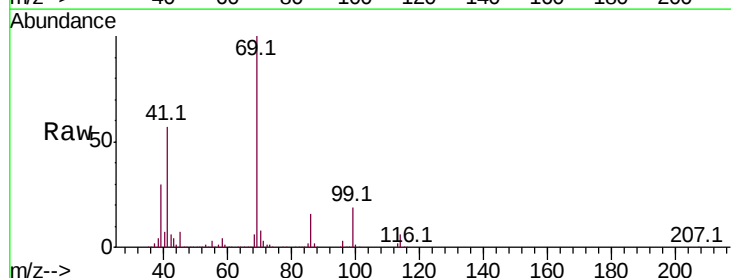
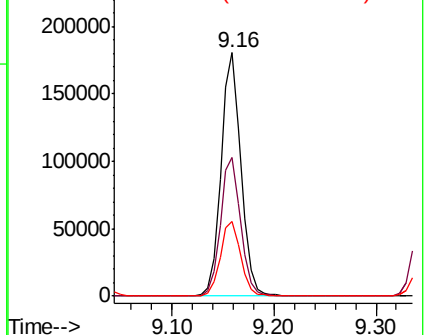
Tgt Ion: 69 Resp: 246054

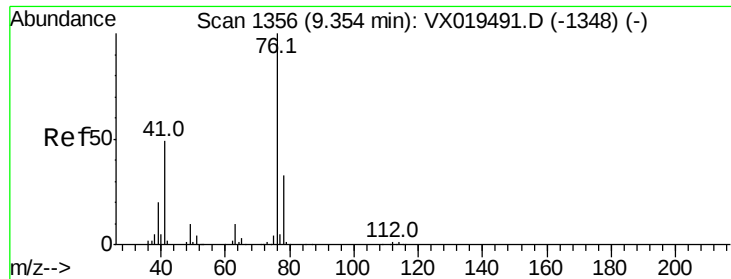
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.2	69.2
39	31.6	25.5	38.3

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





#57

1,3-Dichloropropane

Concen: 51.207 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

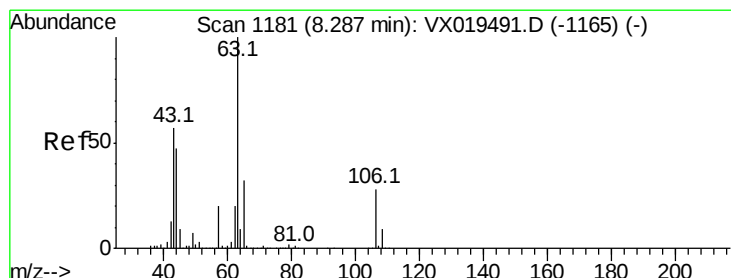
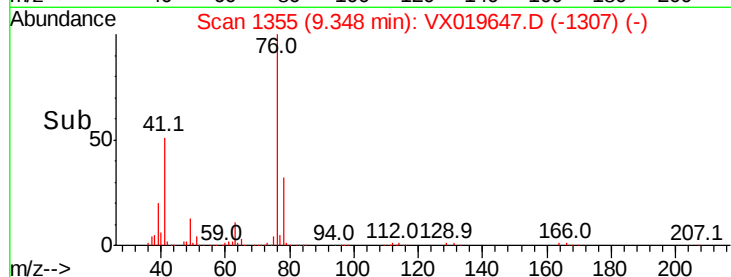
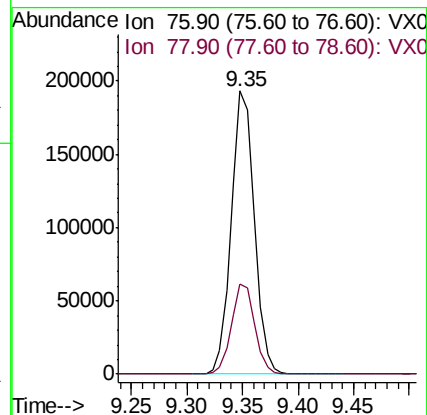
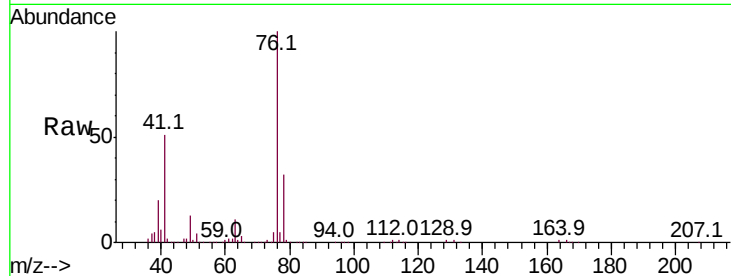
VSTDCCC050

Tot Ion: 76 Resp: 277629

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 246.064 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019647.D

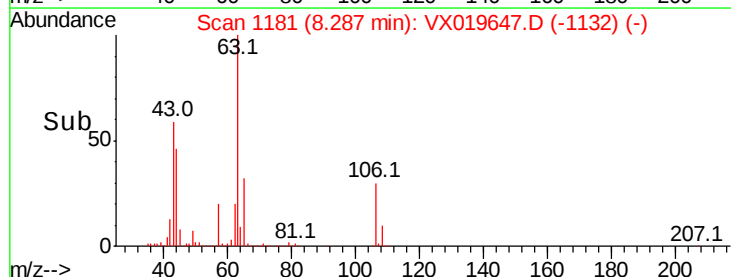
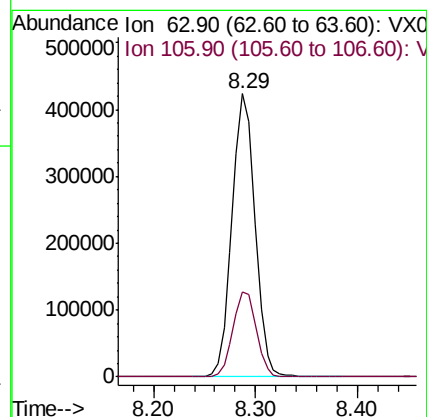
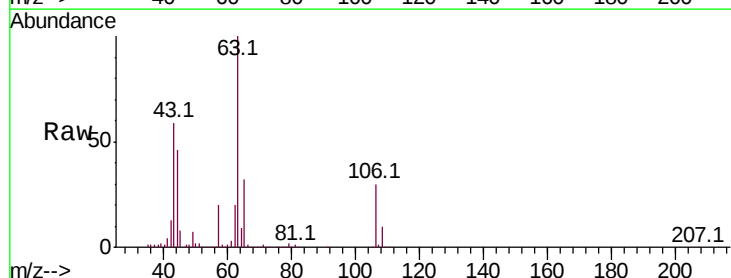
Acq: 25 Nov 2020 10:05

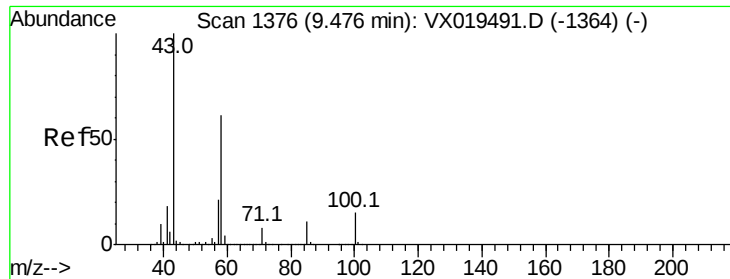
Tgt Ion: 63 Resp: 660683

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5

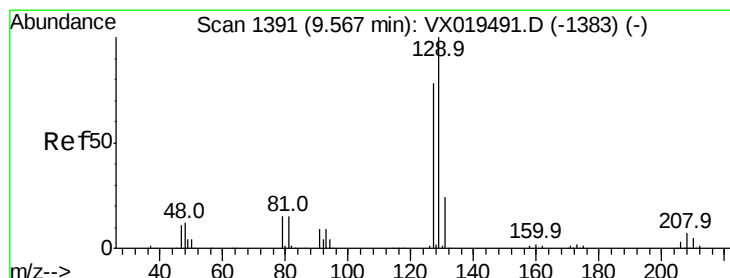
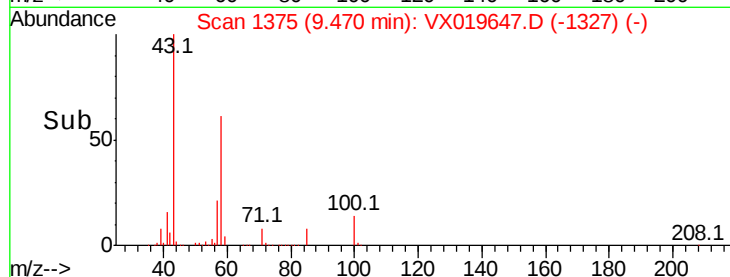
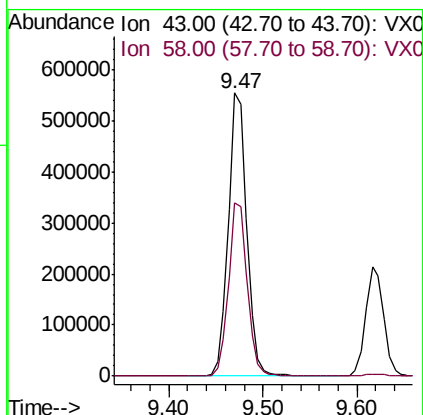
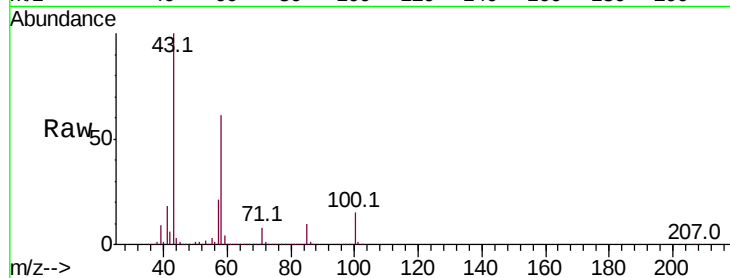




#59
2-Hexanone
Concen: 255.735 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

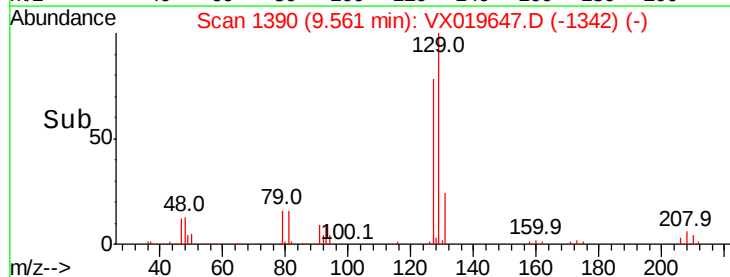
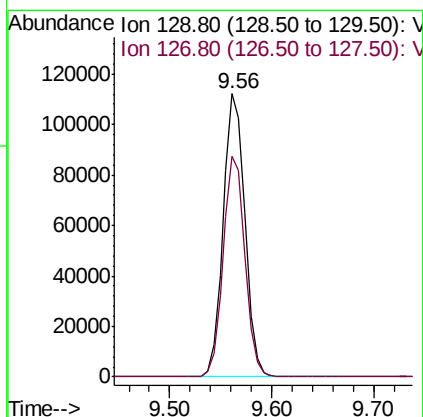
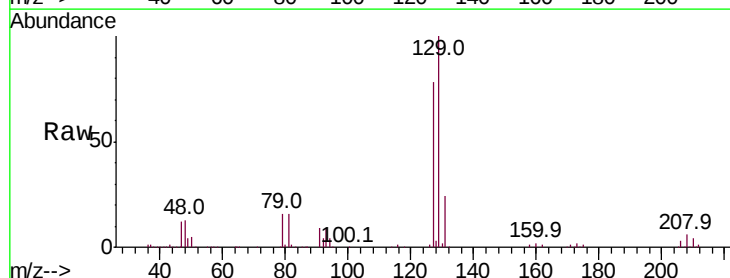
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

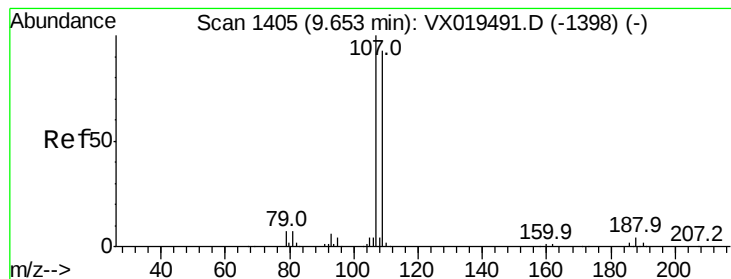
Tot Ion: 43 Resp: 755066
Ion Ratio Lower Upper
43 100
58 62.0 30.6 91.6



#60
Dibromochloromethane
Concen: 52.234 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 129 Resp: 165684
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 50.895 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

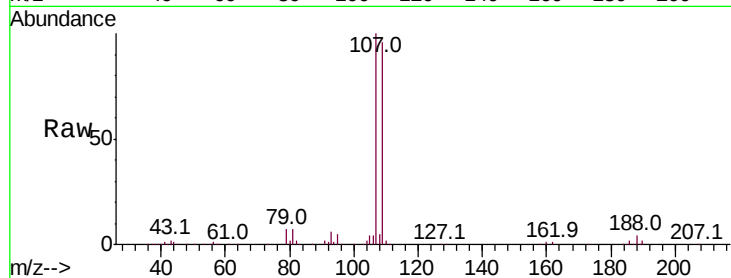
VSTDCCC050

Tot Ion:107 Resp: 169890

Ion Ratio Lower Upper

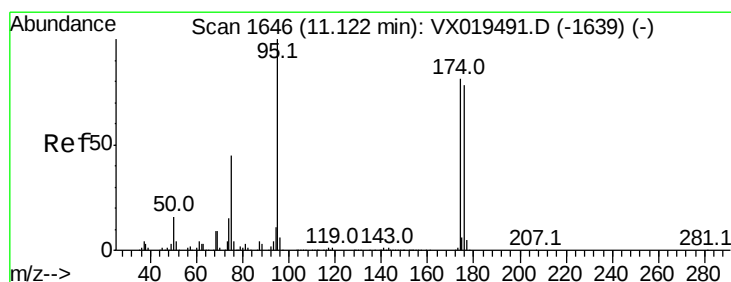
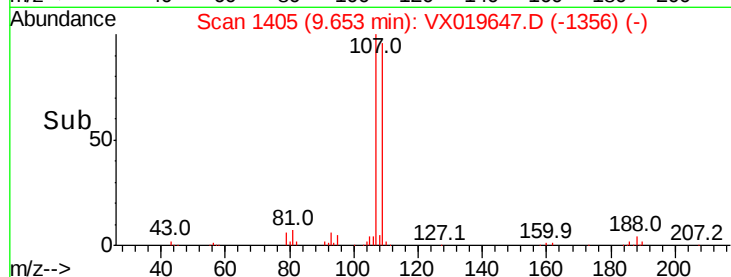
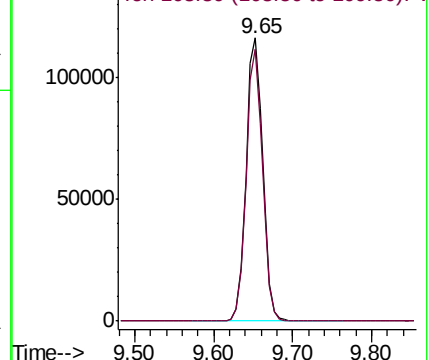
107 100

109 94.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.806 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

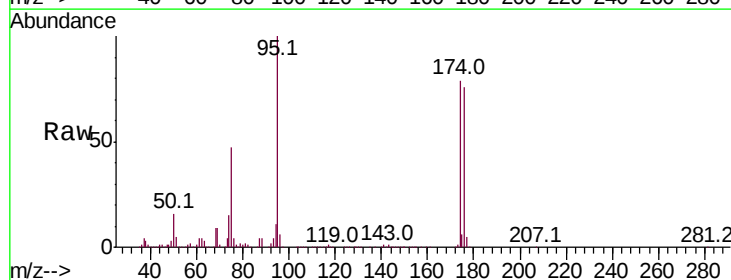
Tgt Ion: 95 Resp: 201193

Ion Ratio Lower Upper

95 100

174 76.7 0.0 156.2

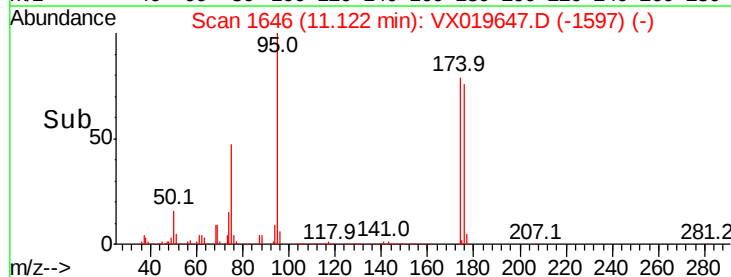
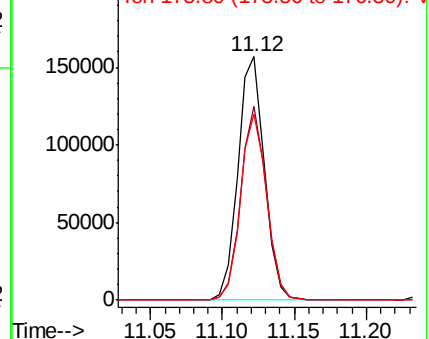
176 75.6 0.0 151.4

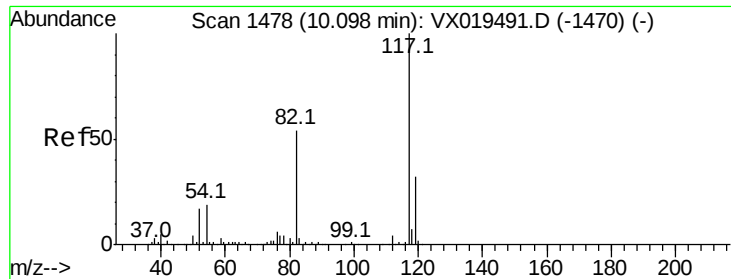


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

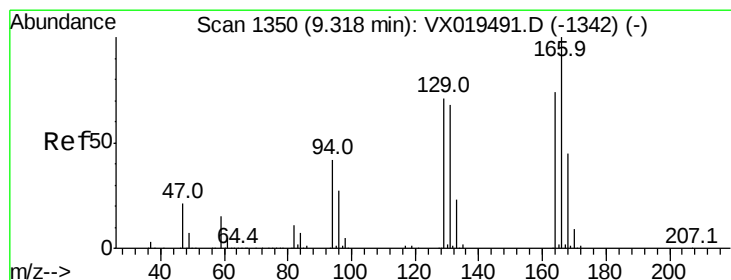
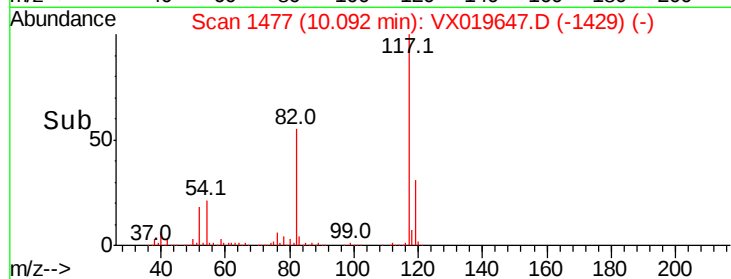
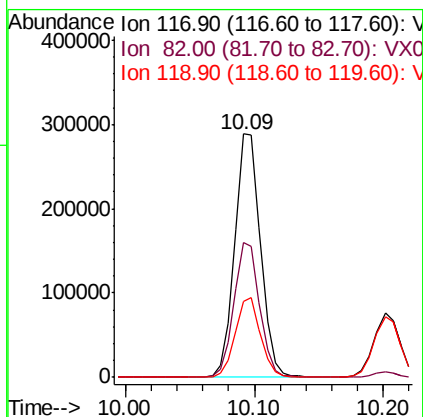
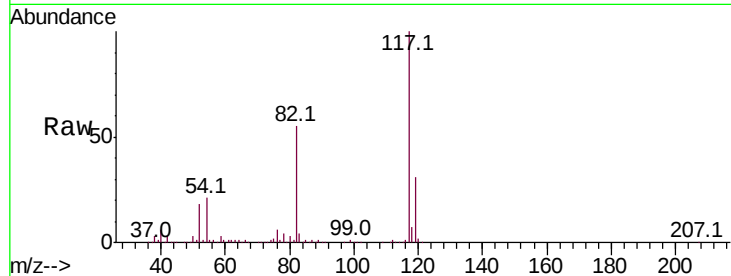




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

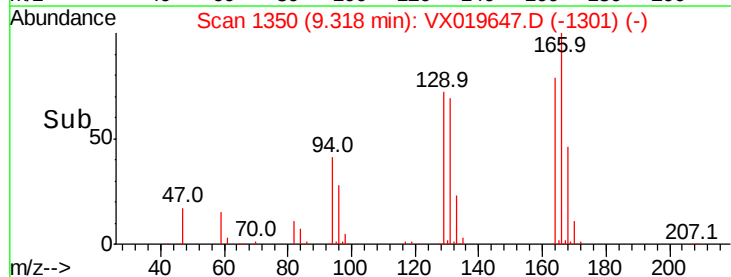
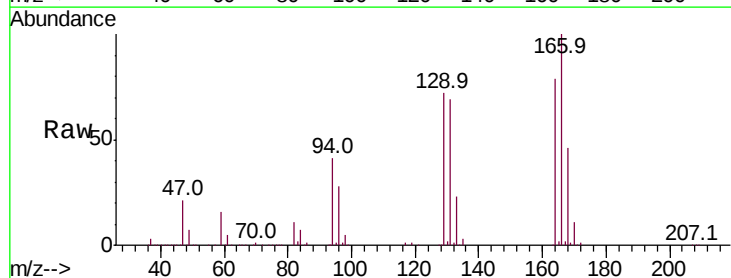
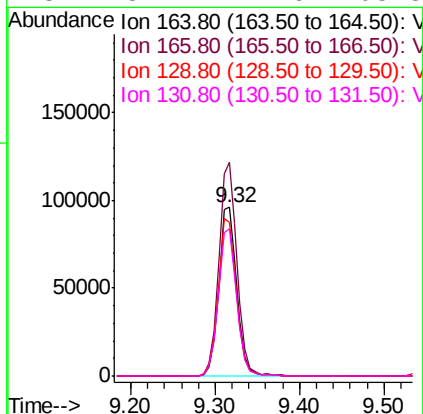
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

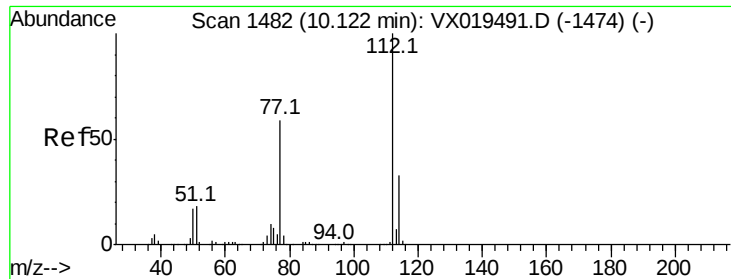
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.0	64.4
119	31.0	25.6	38.4



#64
Tetrachloroethene
Concen: 44.469 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	107.4	161.0
129	91.5	76.6	114.8
131	87.2	72.6	108.8

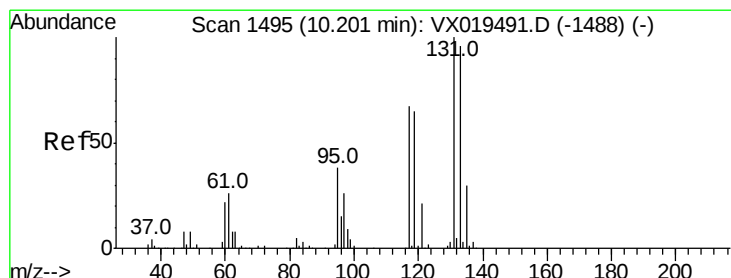
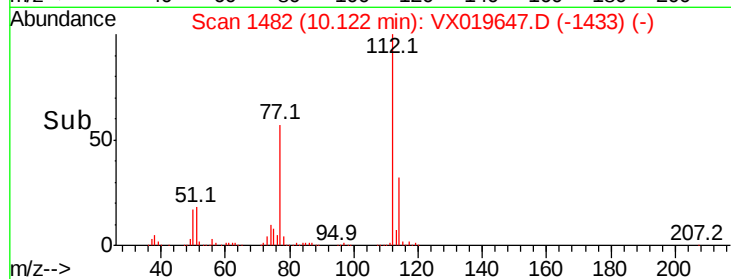
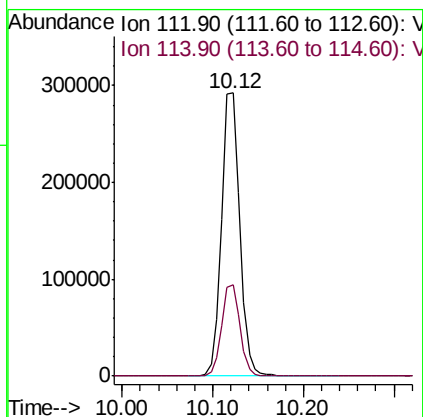
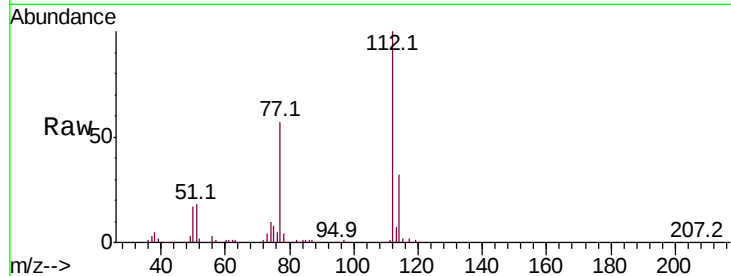




#65
Chlorobenzene
Concen: 49.267 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

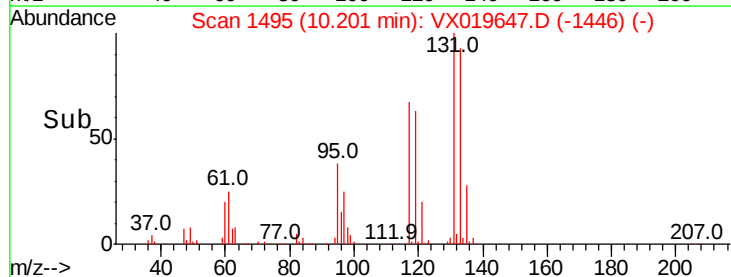
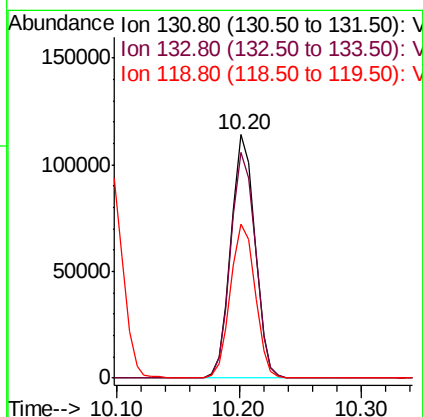
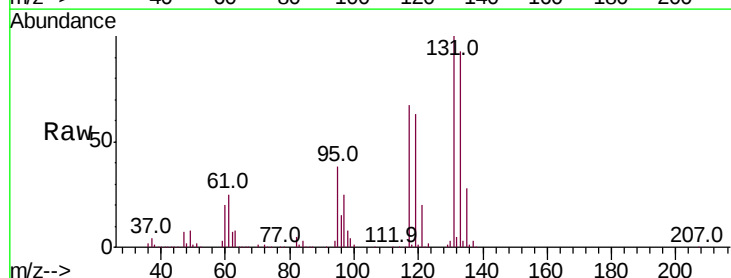
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

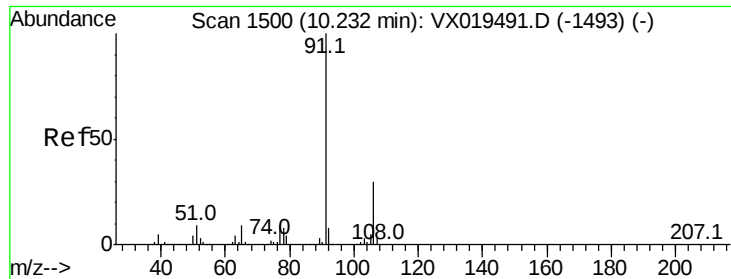
Tot Ion:112 Resp: 410204
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.235 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion:131 Resp: 155165
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 64.9 33.0 99.0

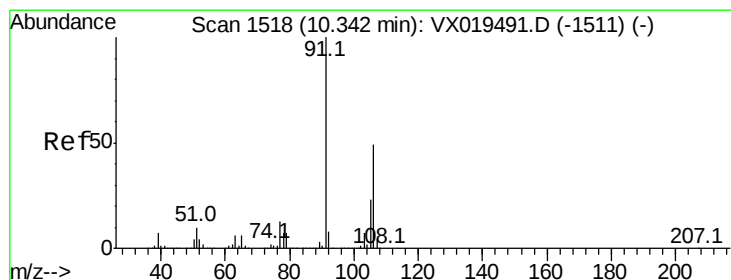
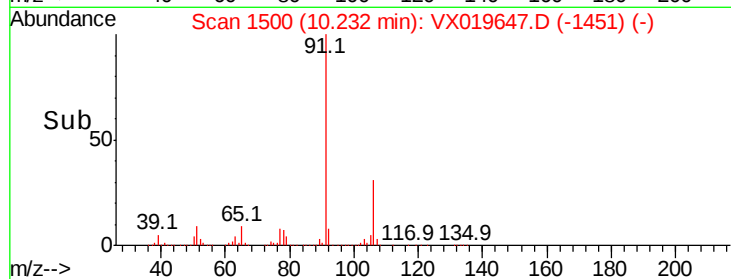
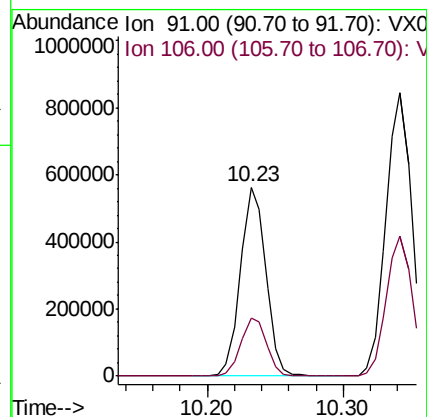
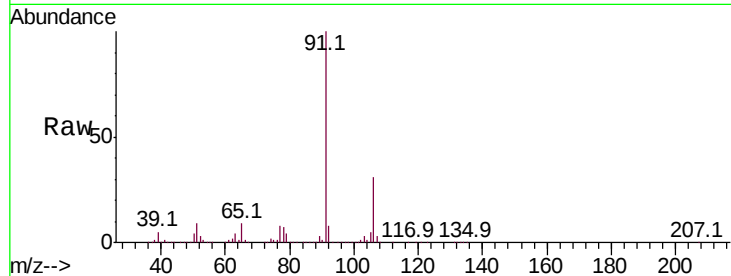




#67
Ethyl Benzene
Concen: 50.437 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

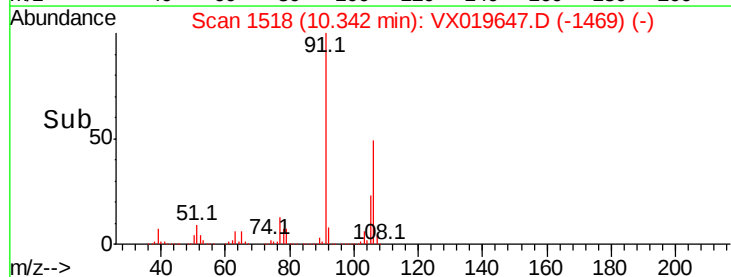
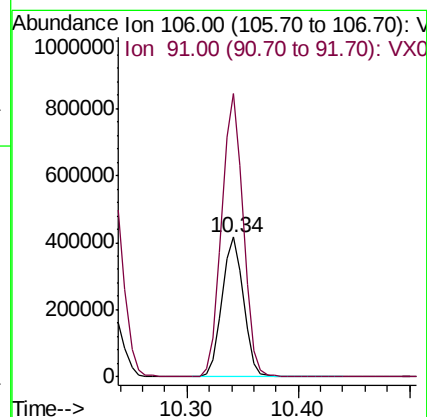
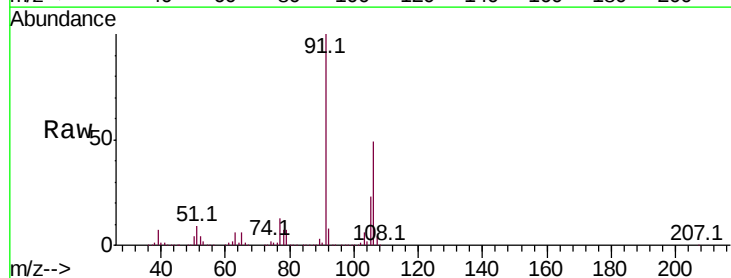
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

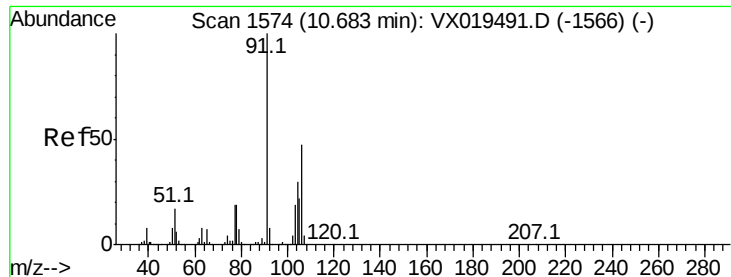
Tot Ion: 91 Resp: 735678
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0



#68
m/p-Xylenes
Concen: 102.823 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 106 Resp: 558763
Ion Ratio Lower Upper
106 100
91 202.7 163.3 244.9

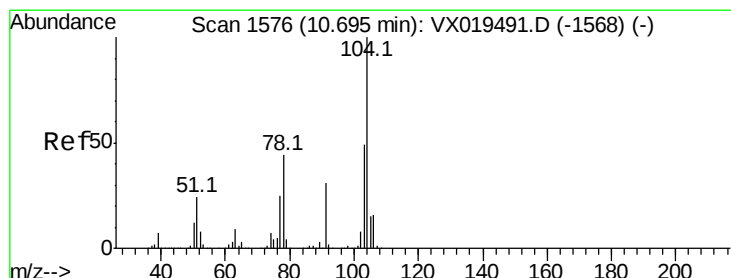
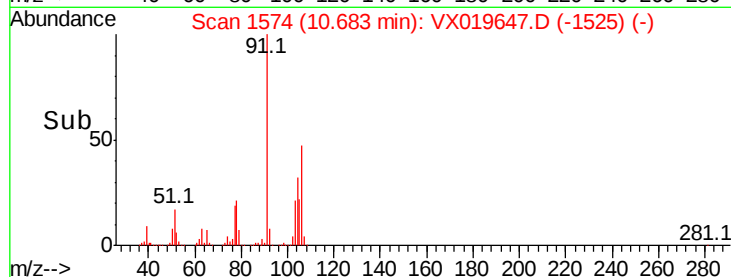
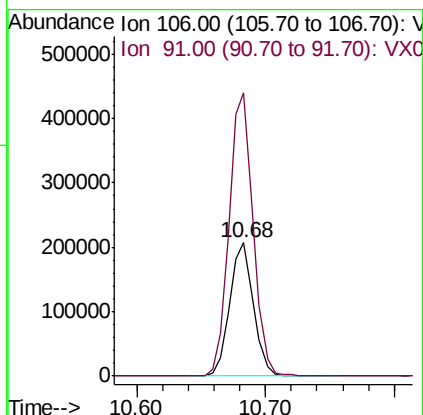
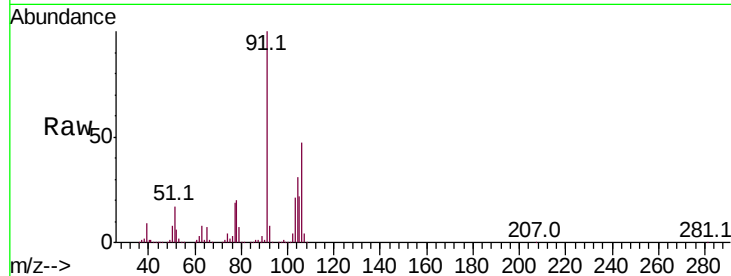




#69
o-Xylene
Concen: 51.334 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

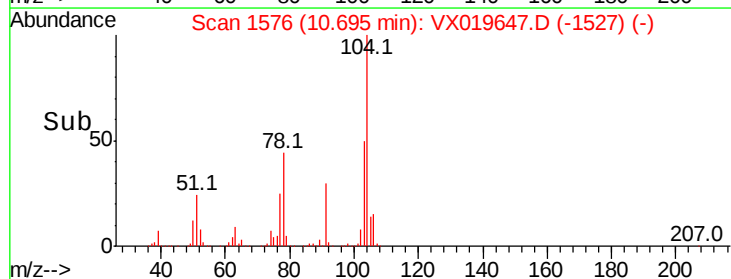
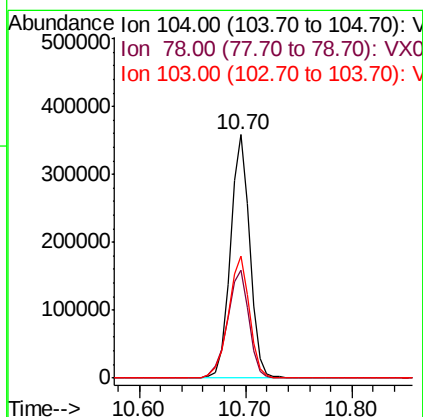
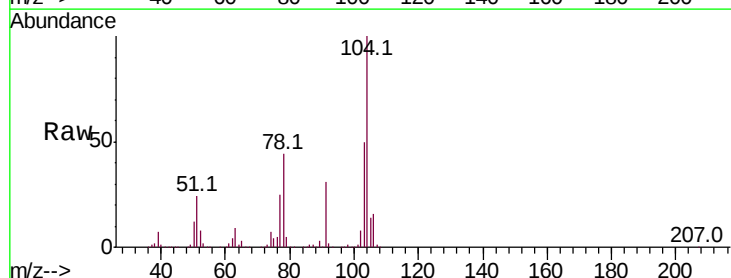
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

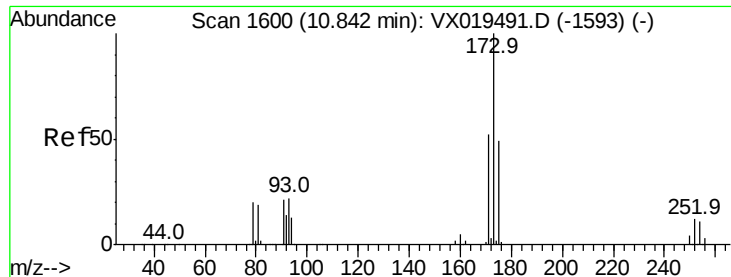
Tot Ion:106 Resp: 266667
Ion Ratio Lower Upper
106 100
91 215.3 108.0 324.0



#70
Styrene
Concen: 47.627 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion:104 Resp: 457193
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.4 43.6 65.4





#71

Bromoform

Concen: 45.802 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

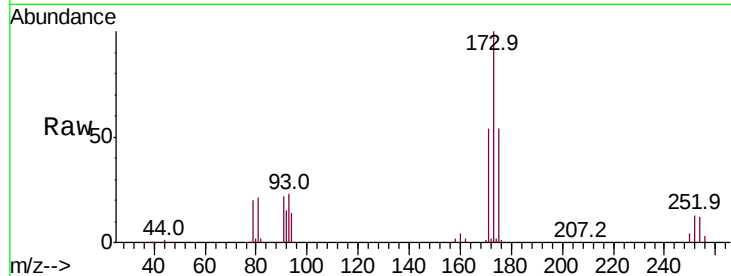
Tot Ion:173 Resp: 116668

Ion Ratio Lower Upper

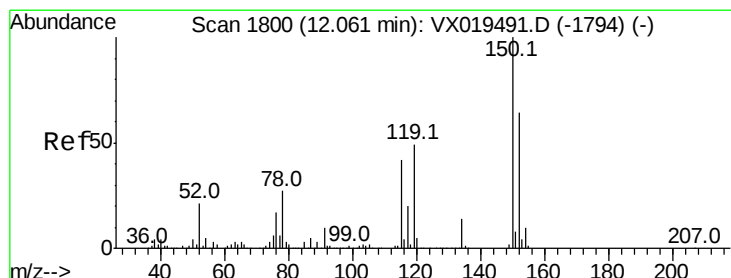
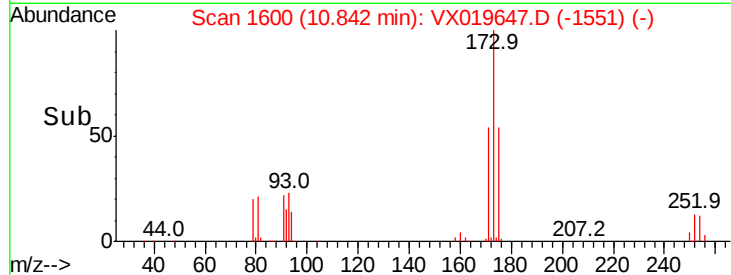
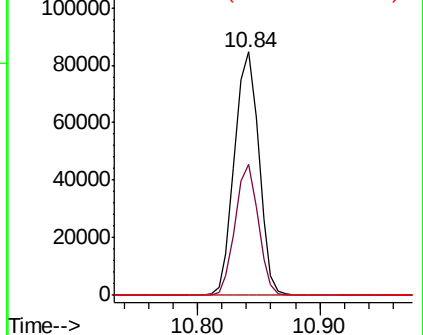
173 100

175 50.8 24.9 74.8

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

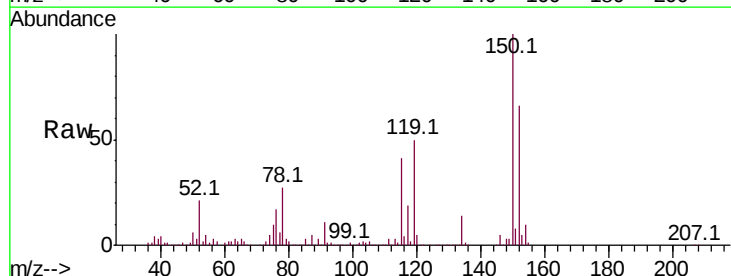
Tgt Ion:152 Resp: 199115

Ion Ratio Lower Upper

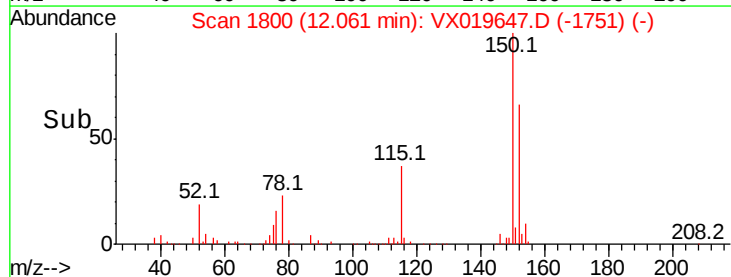
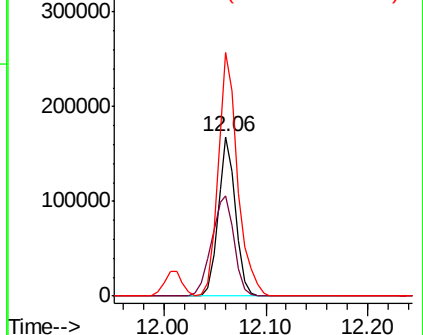
152 100

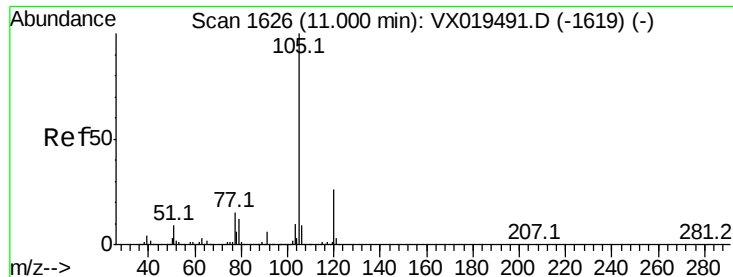
115 81.8 41.8 125.4

150 172.2 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.466 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

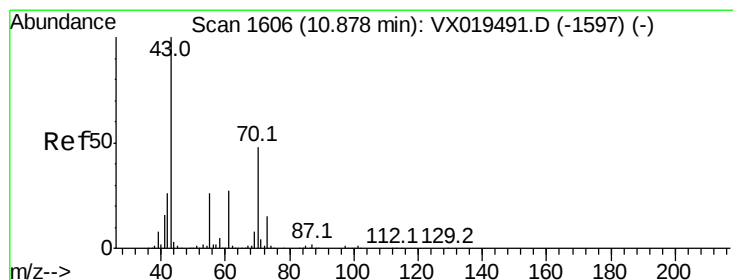
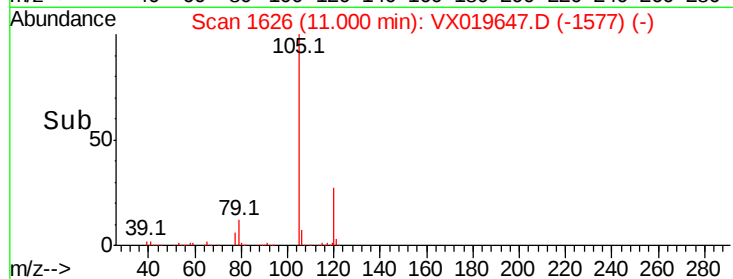
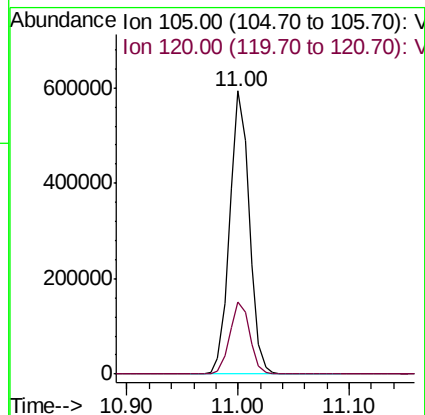
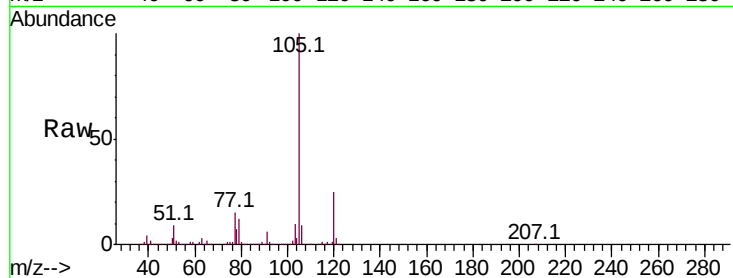
VSTDCCC050

Tot Ion:105 Resp: 722685

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 54.520 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Tgt Ion: 43 Resp: 281403

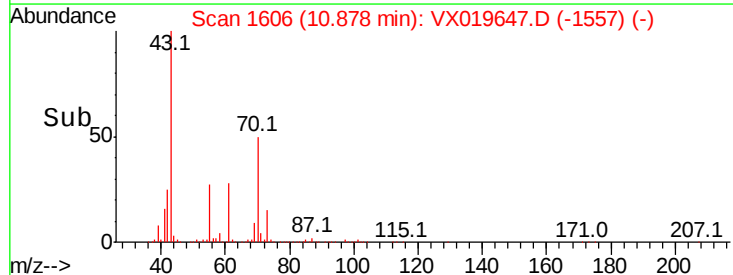
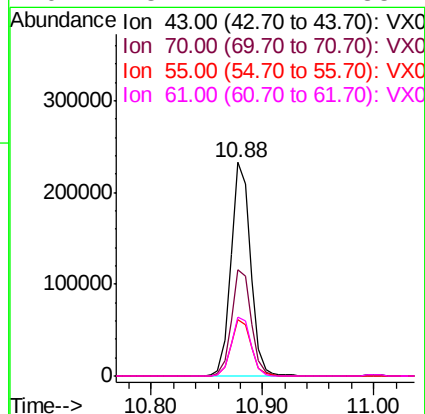
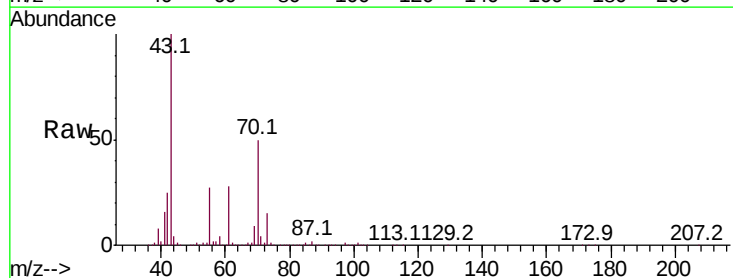
Ion Ratio Lower Upper

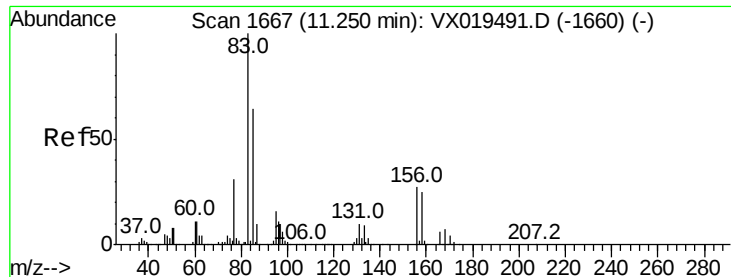
43 100

70 50.3 39.7 59.5

55 27.0 21.8 32.6

61 28.1 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.265 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

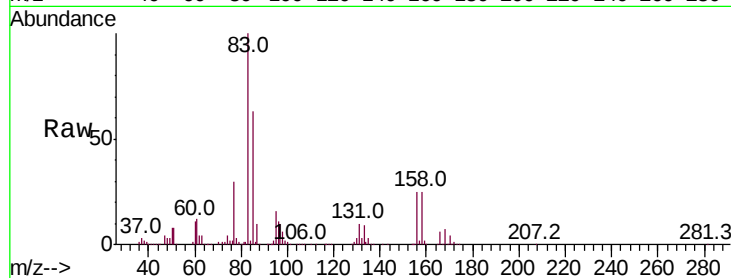
Tot Ion: 83 Resp: 247599

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	64.4	32.4	97.2

83 100

131 10.1 5.0 15.0

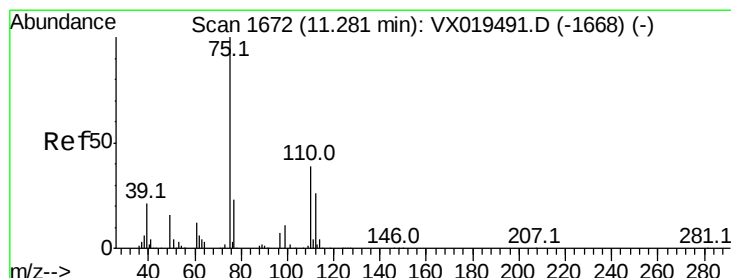
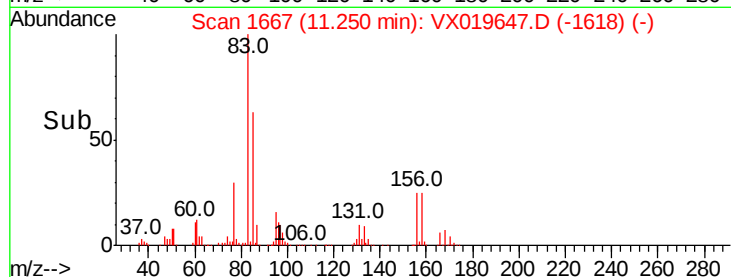
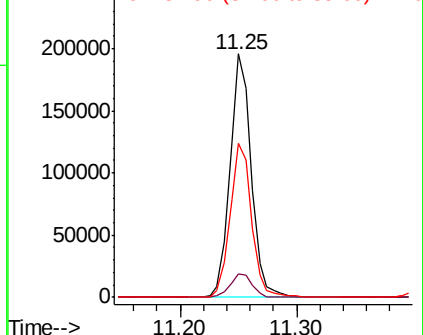
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.105 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019647.D

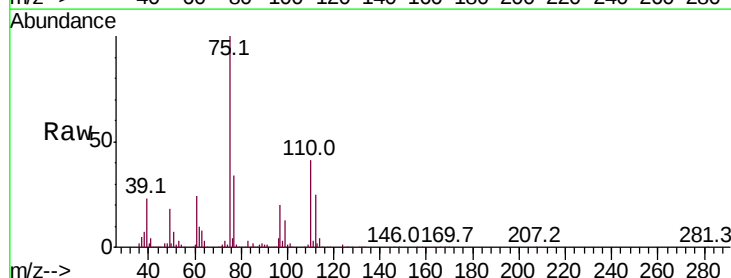
Acq: 25 Nov 2020 10:05

Tgt Ion: 75 Resp: 278559

Ion	Ratio	Lower	Upper
75	100		
77	32.5	20.0	60.0

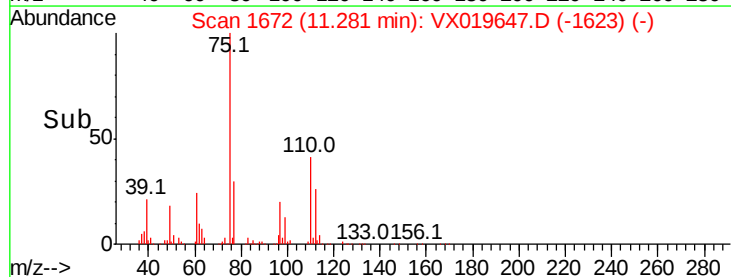
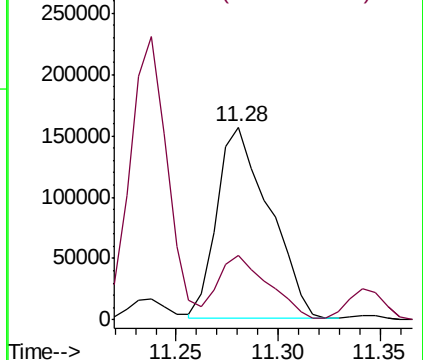
75 100

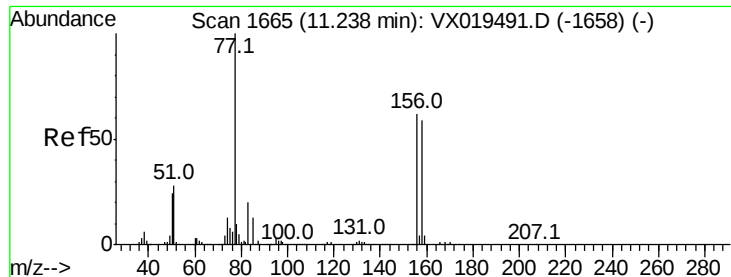
77 32.5 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.605 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

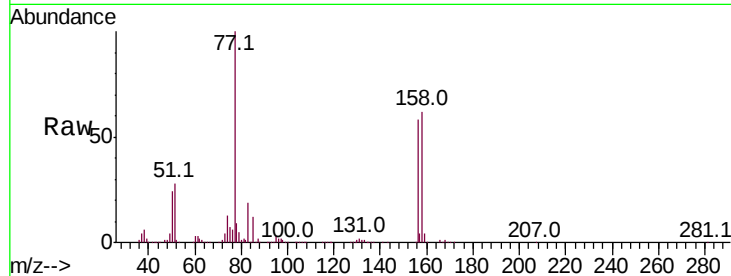
Tot Ion:156 Resp: 174427

Ion Ratio Lower Upper

156 100

77 168.3 82.5 247.3

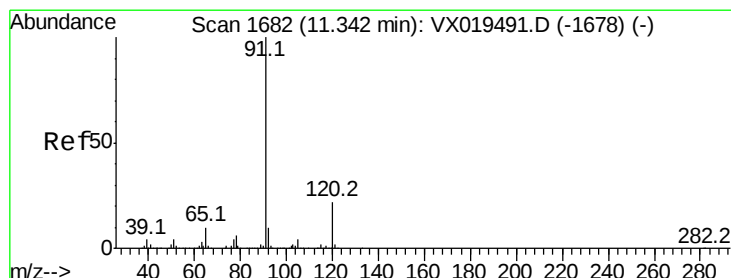
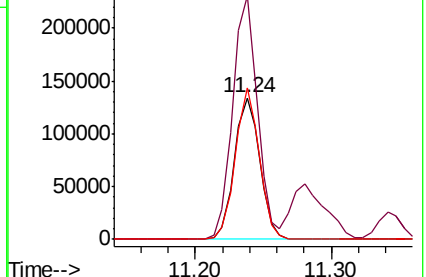
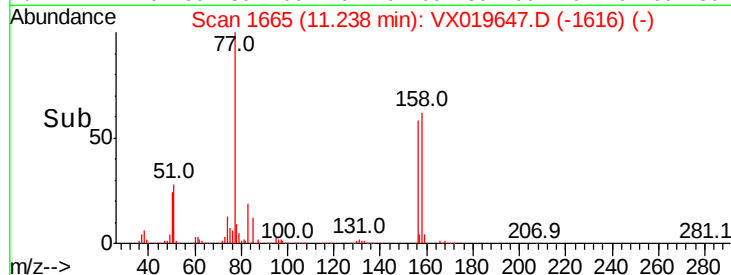
158 100.9 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.721 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019647.D

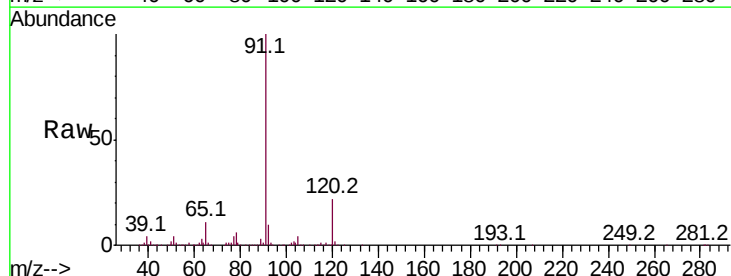
Acq: 25 Nov 2020 10:05

Tgt Ion: 91 Resp: 817282

Ion Ratio Lower Upper

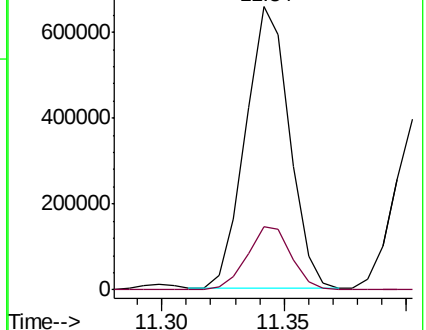
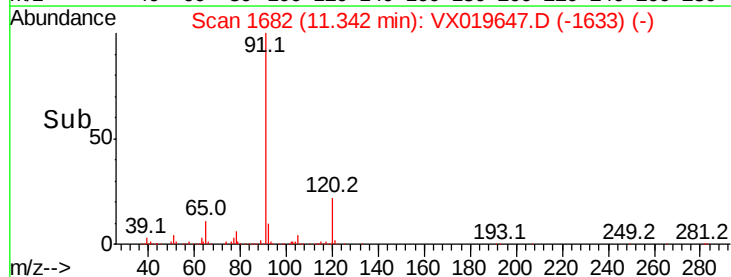
91 100

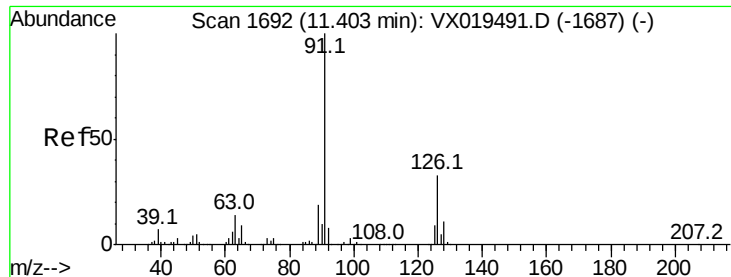
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

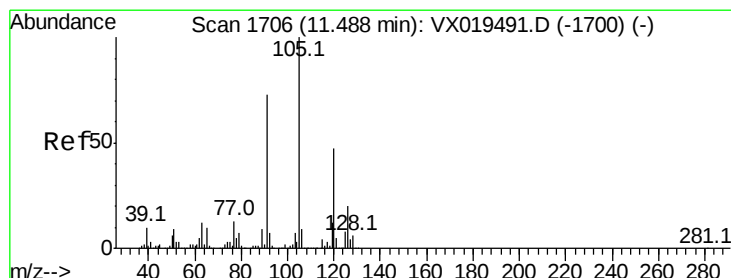
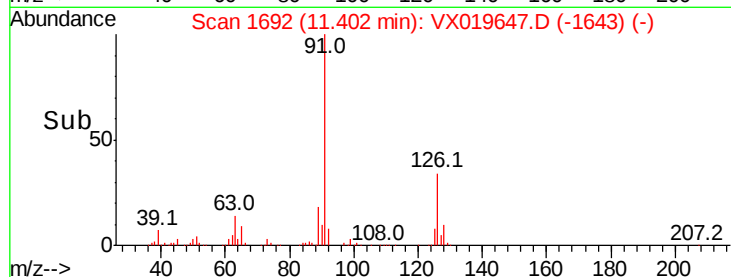
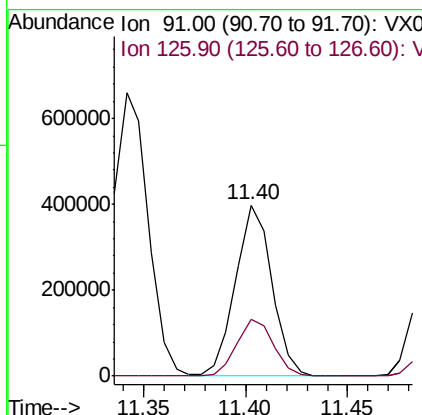
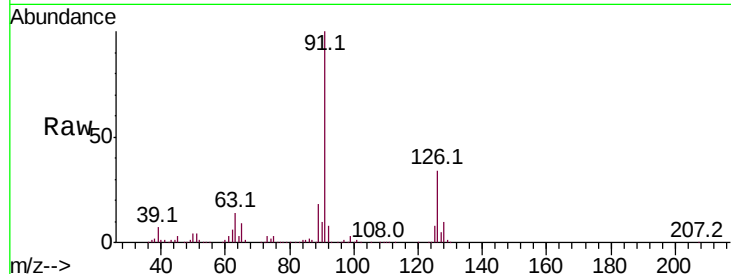




#79
 2-Chlorotoluene
 Concen: 51.041 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

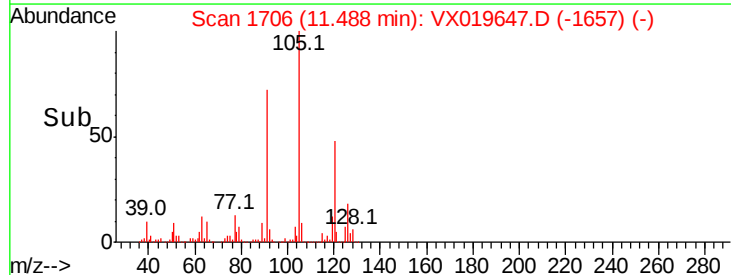
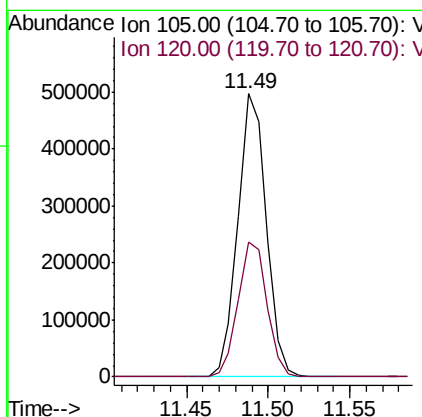
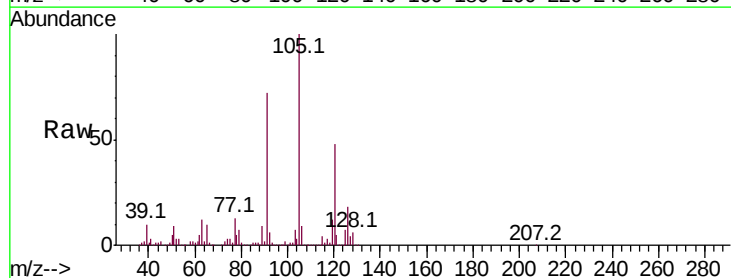
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

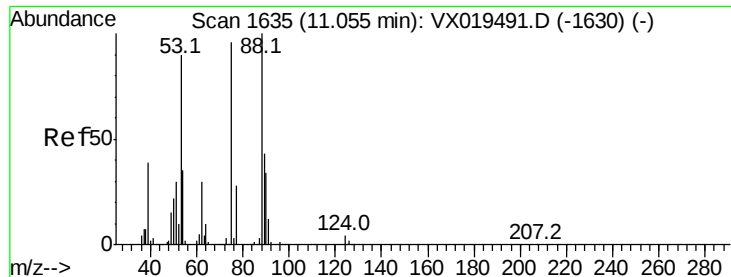
Tot Ion: 91 Resp: 489134
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.251 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion: 105 Resp: 603764
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.3

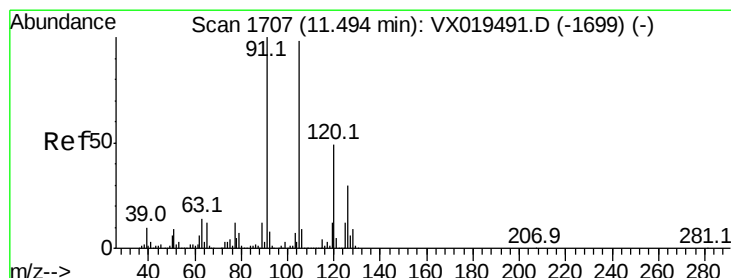
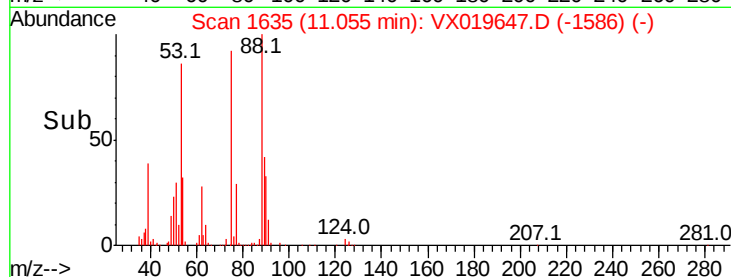
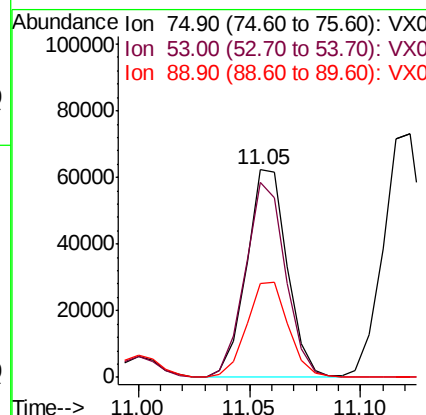
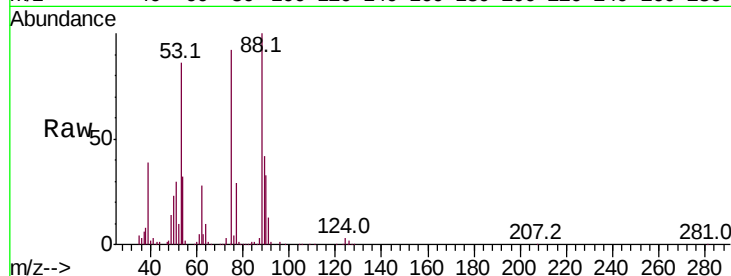




#81
trans-1,4-Dichloro-2-butene
Concen: 49.310 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

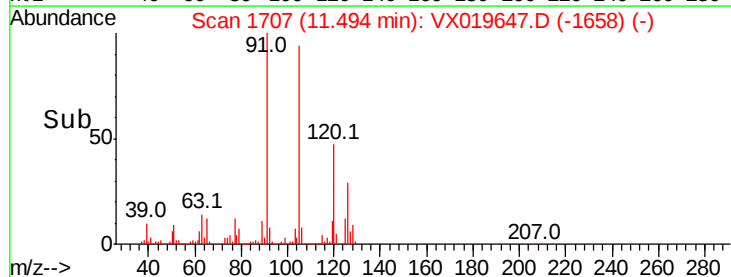
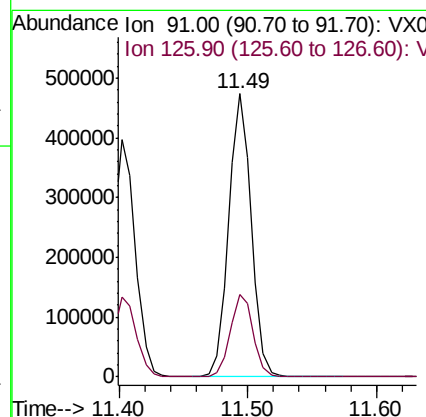
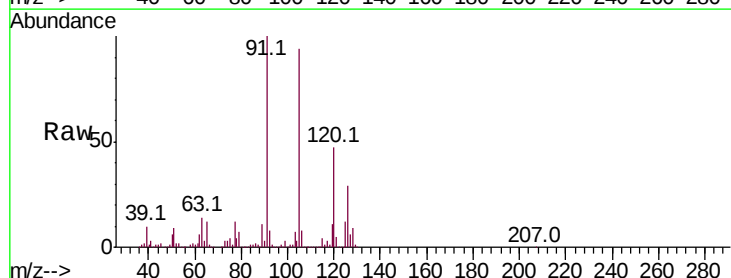
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

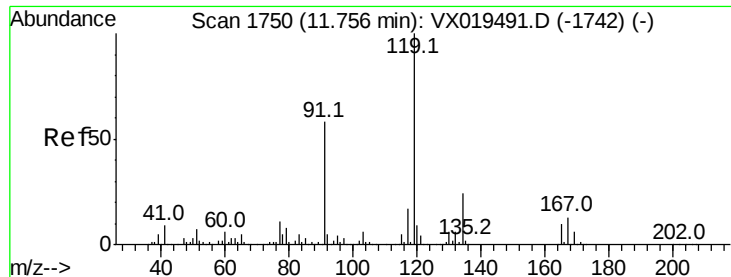
Tot Ion: 75 Resp: 79229
Ion Ratio Lower Upper
75 100
53 93.0 73.9 110.9
89 47.3 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.760 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 91 Resp: 583923
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.7





#83

tert-Butylbenzene

Concen: 53.288 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

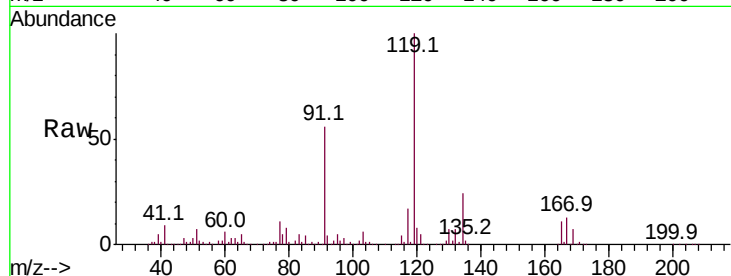
Tot Ion:119 Resp: 595701

Ion Ratio Lower Upper

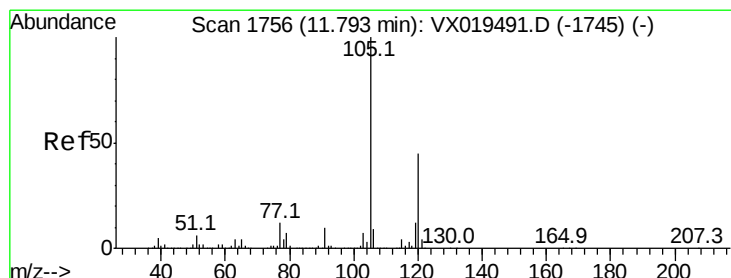
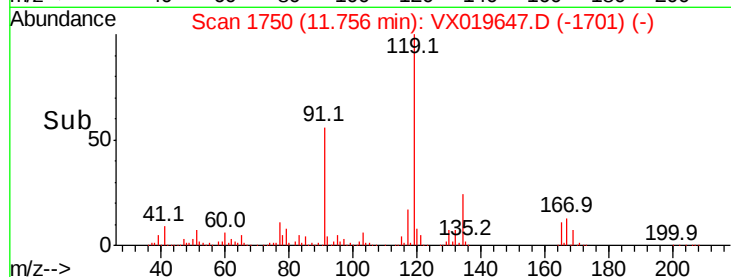
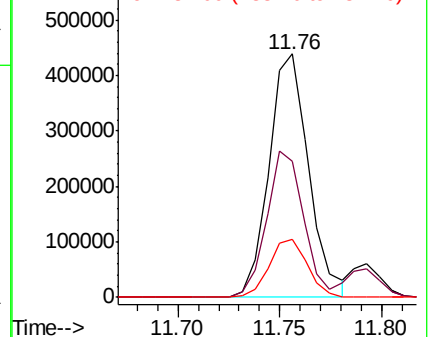
119 100

91 55.9 28.9 86.8

134 22.9 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.466 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019647.D

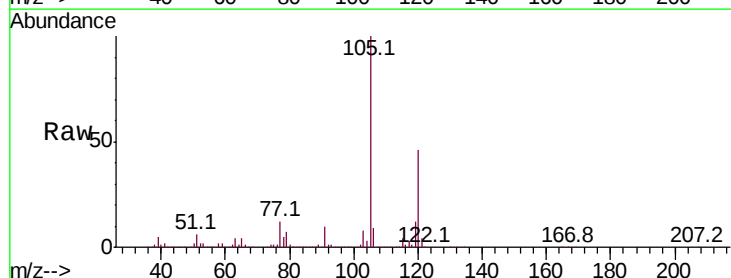
Acq: 25 Nov 2020 10:05

Tgt Ion:105 Resp: 613403

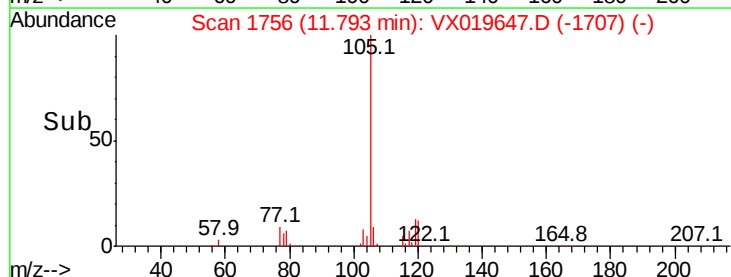
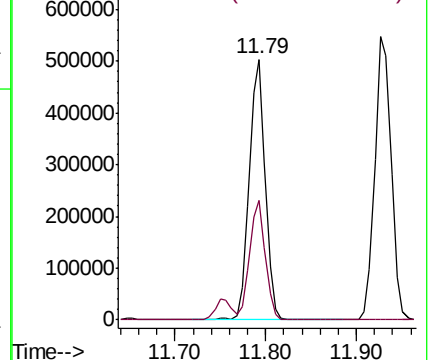
Ion Ratio Lower Upper

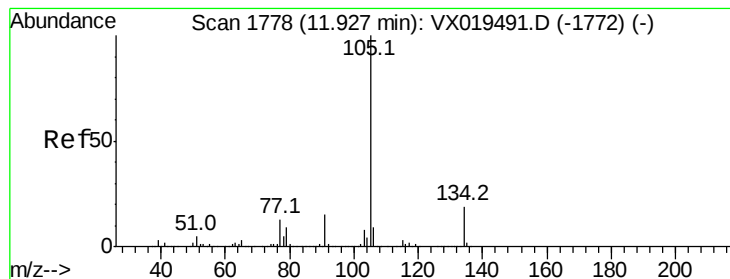
105 100

120 44.8 22.2 66.6



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





#85

sec-Butylbenzene

Concen: 51.413 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

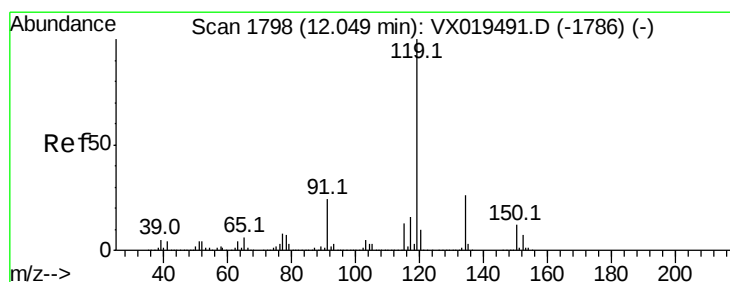
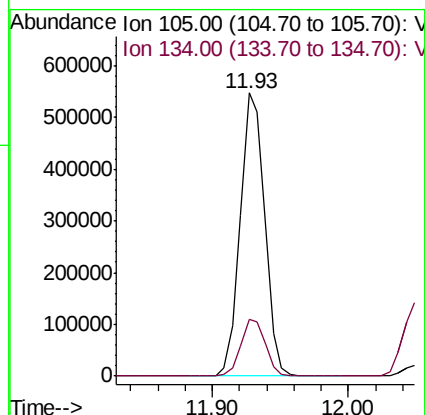
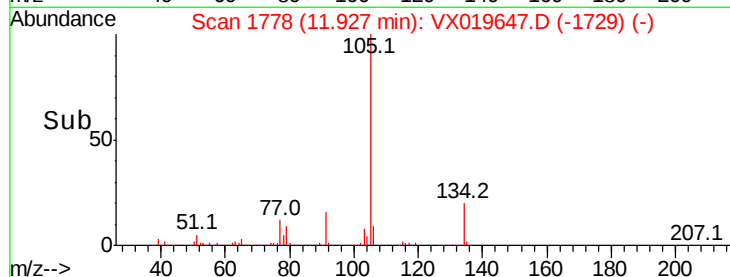
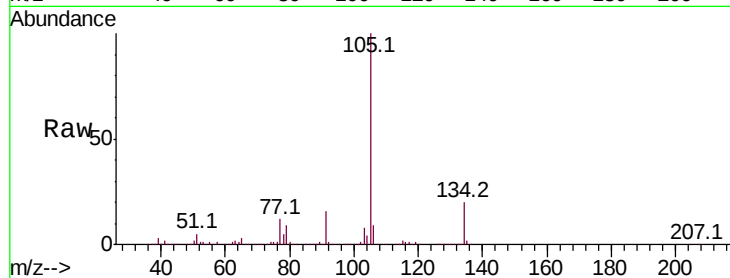
VSTDCCC050

Tot Ion:105 Resp: 683741

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 52.269 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

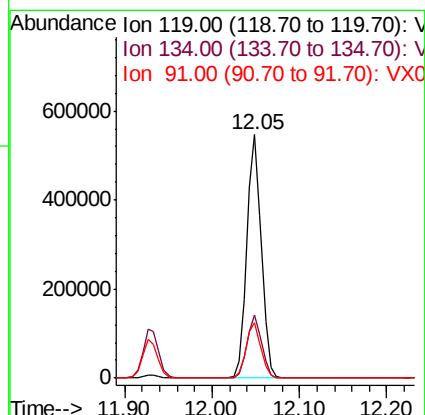
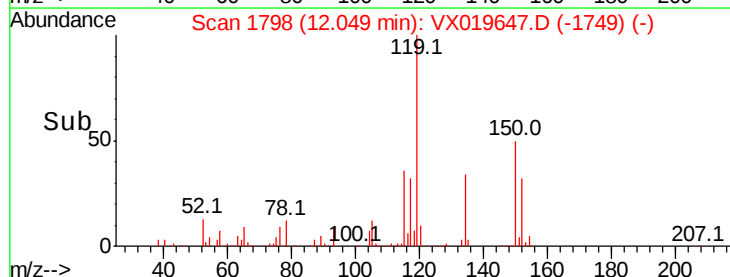
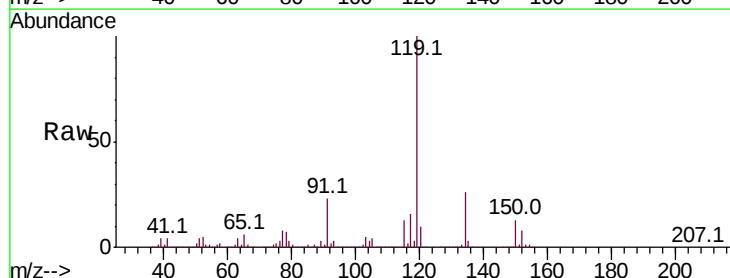
Tgt Ion:119 Resp: 631125

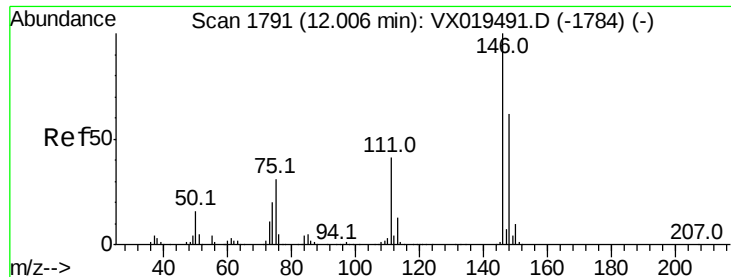
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.023 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

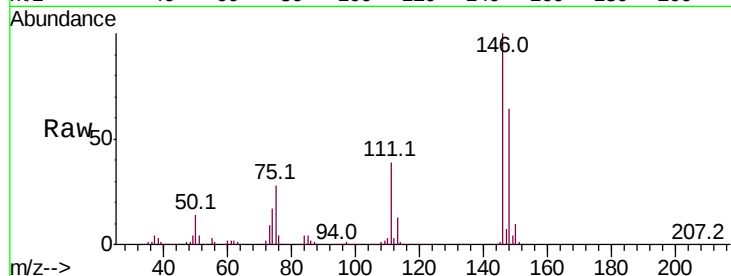
Tot Ion:146 Resp: 323040

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

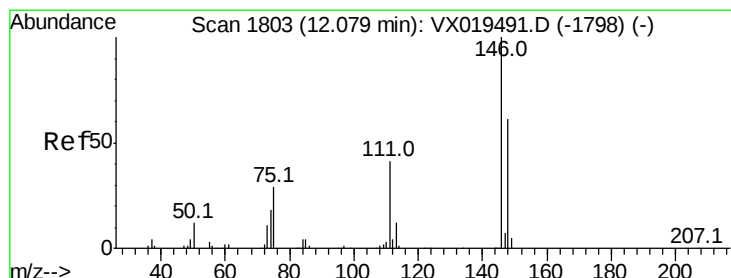
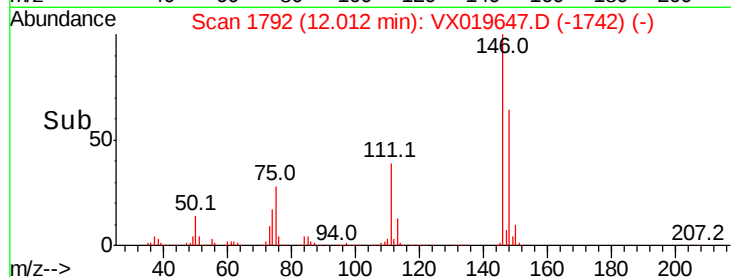
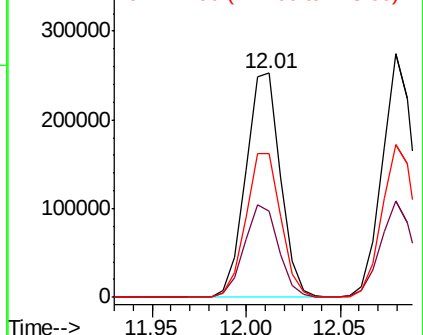
148 64.9 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.969 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

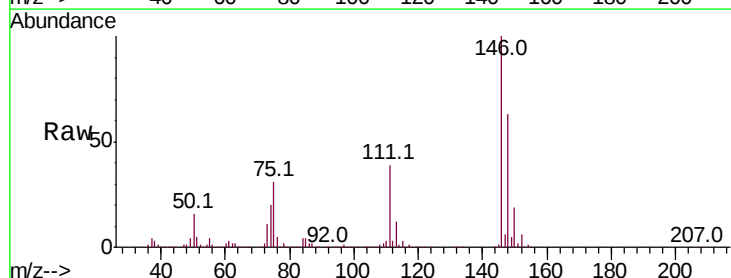
Tgt Ion:146 Resp: 325739

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.6

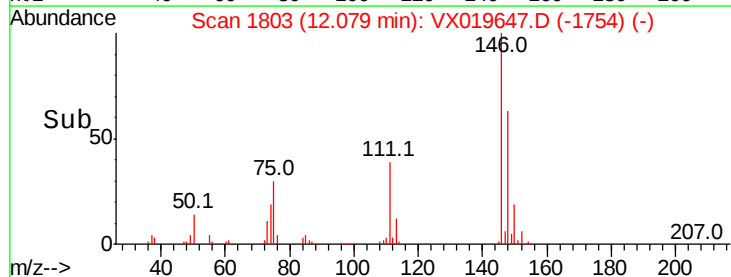
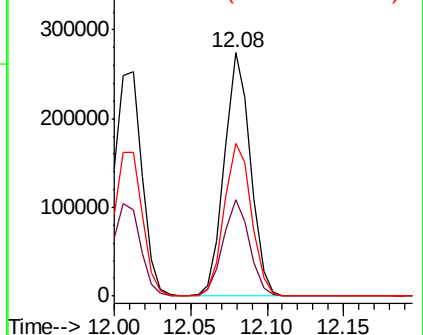
148 65.3 31.7 95.1

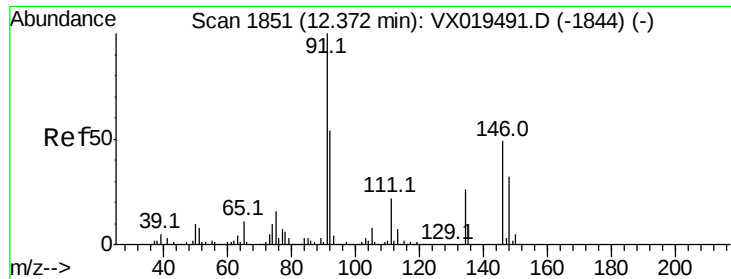


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

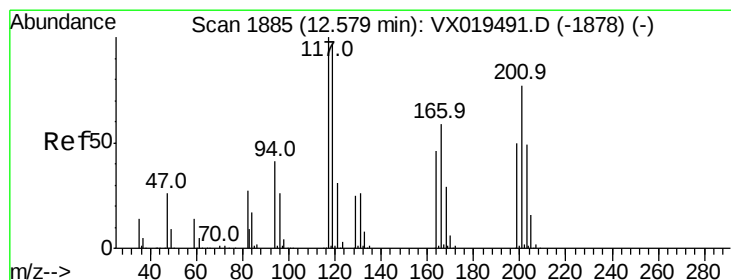
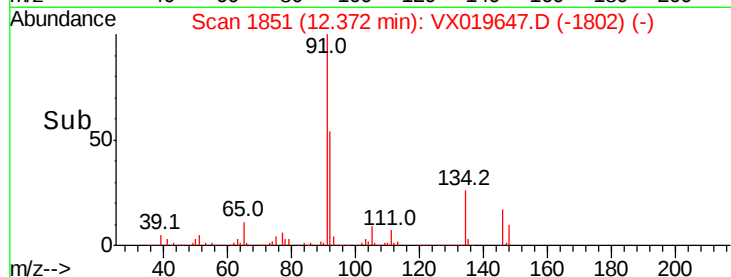
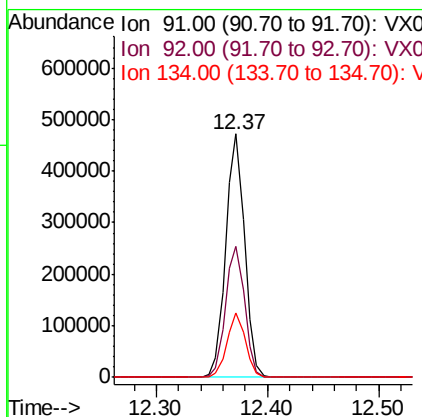
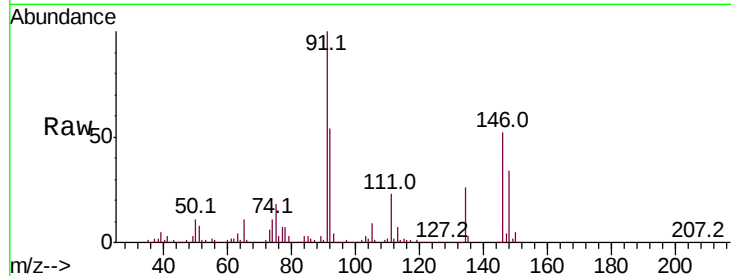




#89
n-Butylbenzene
Concen: 50.432 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

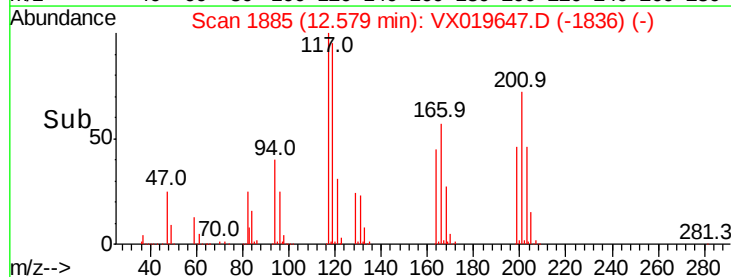
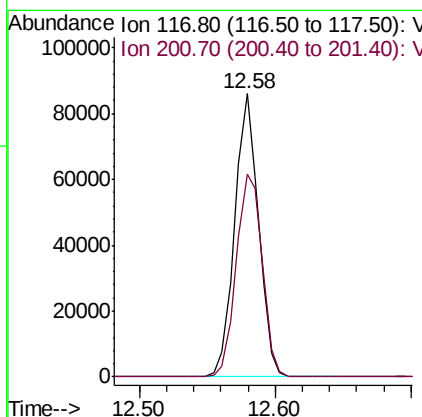
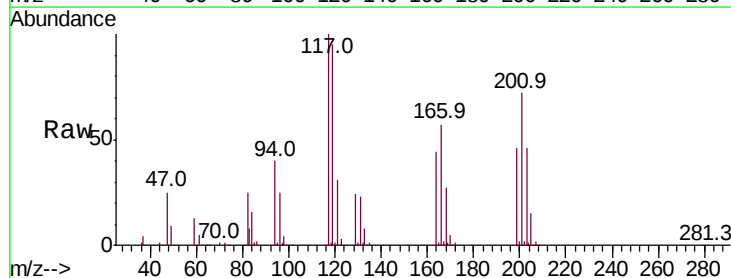
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

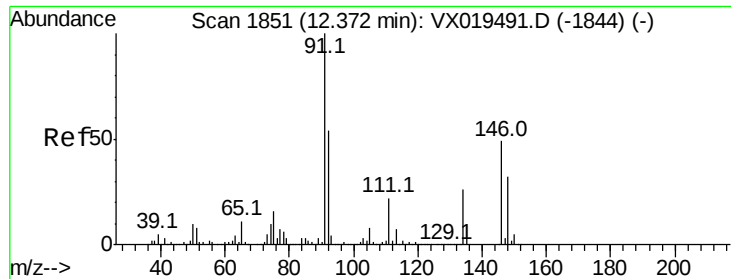
Tot Ion: 91 Resp: 550512
Ion Ratio Lower Upper
91 100
92 54.9 26.9 80.6
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 51.721 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 117 Resp: 104501
Ion Ratio Lower Upper
117 100
201 78.0 39.4 118.2

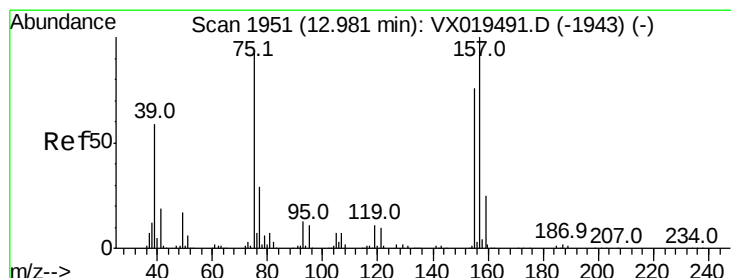
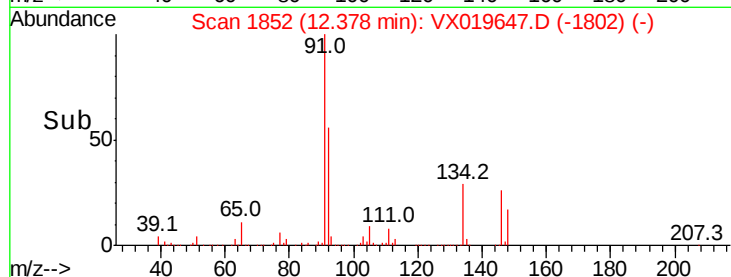
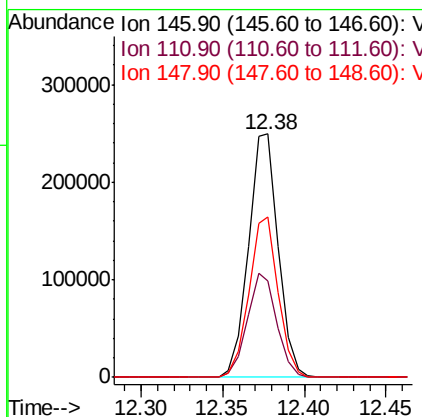
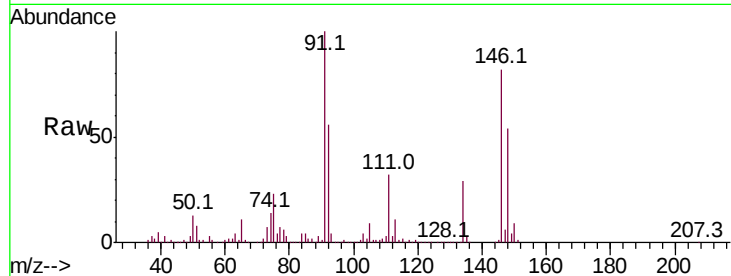




#91
 1,2-Dichlorobenzene
 Concen: 48.919 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

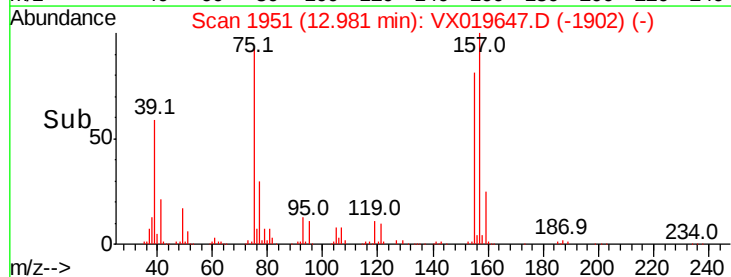
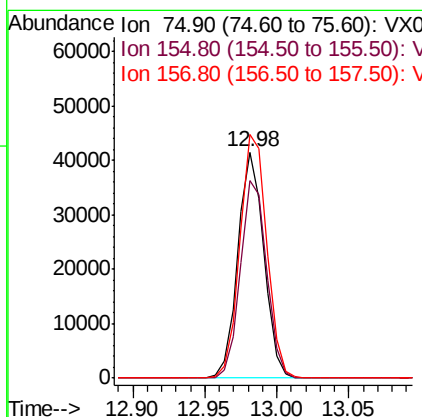
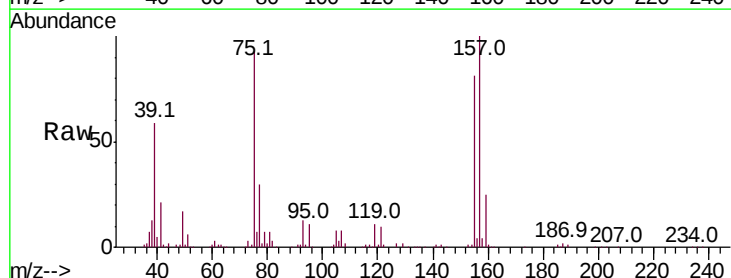
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

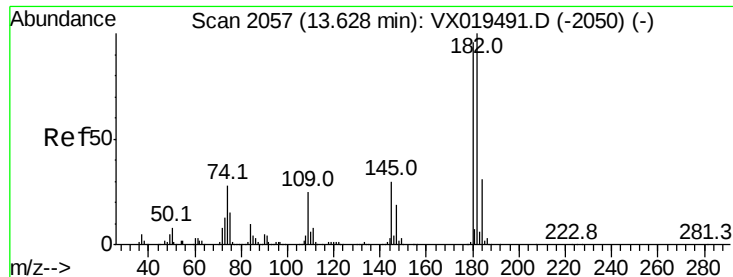
Tot Ion:146 Resp: 317291
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.881 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion: 75 Resp: 52136
 Ion Ratio Lower Upper
 75 100
 155 87.9 43.6 130.9
 157 111.4 57.0 170.8

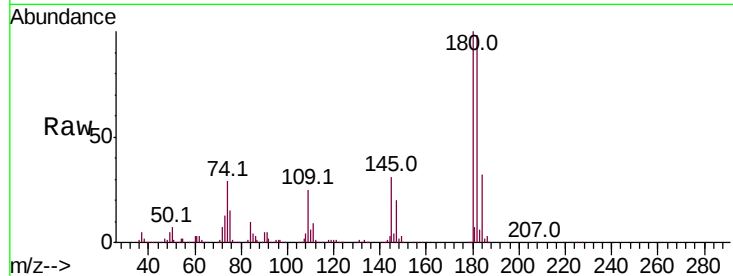




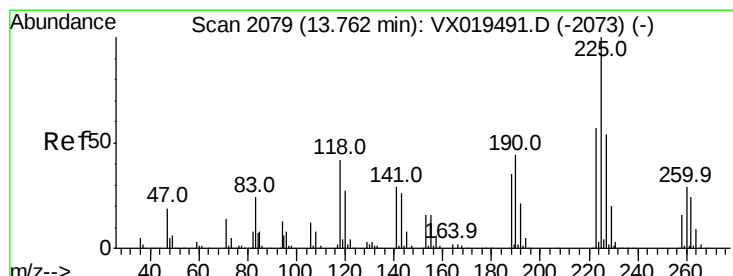
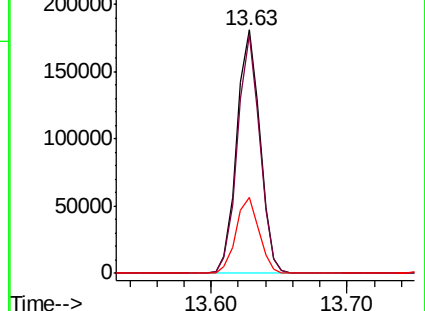
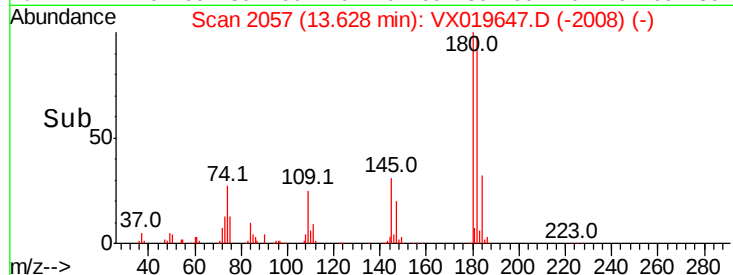
#93
 1,2,4-Trichlorobenzene
 Concen: 51.564 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.6	145.9
145	31.1	15.9	47.7

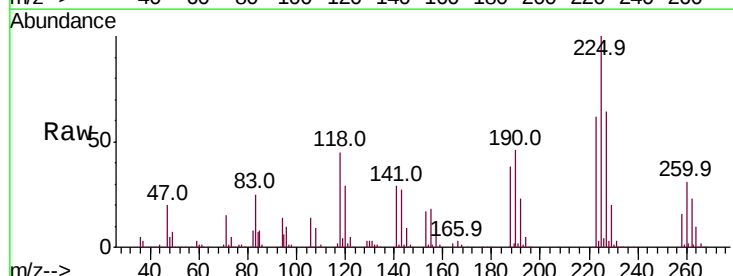


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

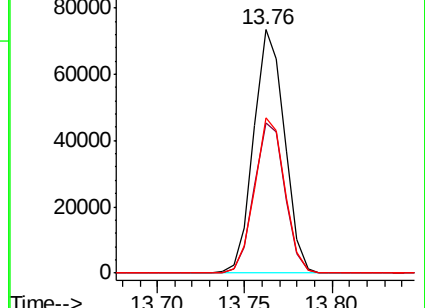
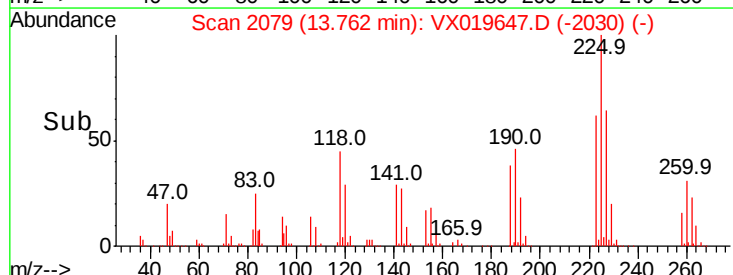


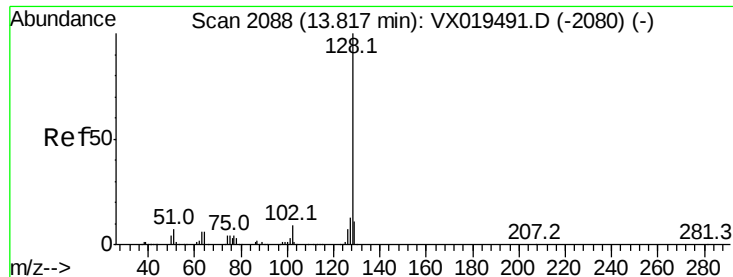
#94
 Hexachlorobutadiene
 Concen: 47.702 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.5	97.5
227	62.6	32.8	98.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

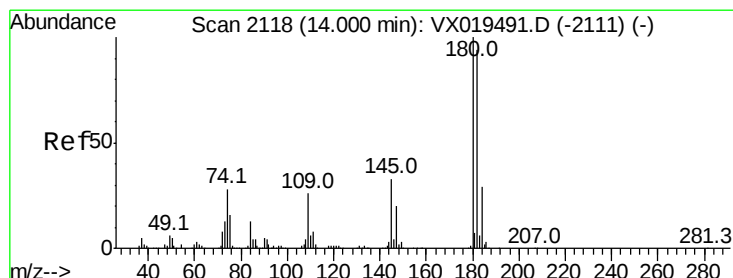
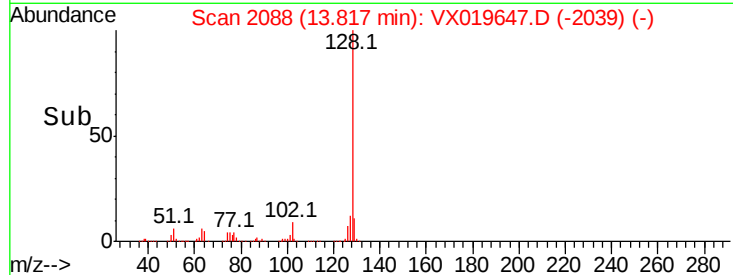
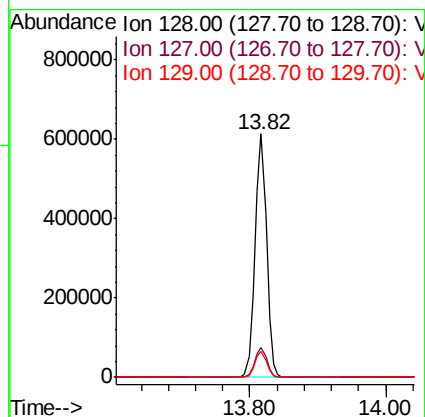
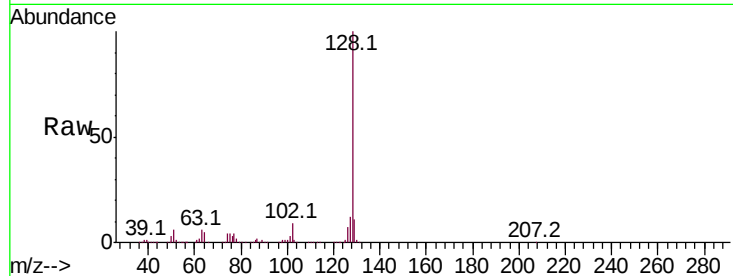




#95
Naphthalene
Concen: 48.941 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 718076
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.563 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion:180 Resp: 214769
Ion Ratio Lower Upper
180 100
182 94.5 48.1 144.3
145 32.5 16.6 49.8

