

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019562.D
 Acq On : 23 Nov 2020 19:46
 Operator : JC/MD
 Sample : L4798-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Quant Time: Nov 24 00:34:13 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	278406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	466096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205570	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	177436	49.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.30%	
35) Dibromofluoromethane		5.46	113	143750	49.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.26%	
50) Toluene-d8		8.70	98	541641	47.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.28%	
62) 4-Bromofluorobenzene		11.12	95	200064	48.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	191921	70.888	ug/l	100
3) Chloromethane	1.31	50	134009	43.135	ug/l	99
4) Vinyl Chloride	1.39	62	529105	158.209	ug/l	99
5) Bromomethane	1.62	94	52518	41.459	ug/l	99
6) Chloroethane	1.69	64	37963	46.281	ug/l	94
7) Trichlorofluoromethane	1.89	101	239411	49.599	ug/l	99
8) Diethyl Ether	2.17	74	99325	51.380	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	227758	84.576	ug/l	99
10) Methyl Iodide	2.48	142	176475	49.883	ug/l	100
11) Tert butyl alcohol	3.05	59	178883	261.850	ug/l	99
12) 1,1-Dichloroethene	2.34	96	172053	62.248	ug/l	98
13) Acrolein	2.28	56	102619	223.469	ug/l	99
14) Allyl chloride	2.70	41	206152	47.610	ug/l	98
15) Acrylonitrile	3.12	53	405145	251.470	ug/l	99
16) Acetone	2.43	43	323221	231.540	ug/l	99
17) Carbon Disulfide	2.54	76	335704	45.210	ug/l	100
18) Methyl Acetate	2.75	43	163970	47.932	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	508168	53.263	ug/l	97
20) Methylene Chloride	2.83	84	161665	46.335	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	176886	56.484	ug/l	98
22) Diisopropyl ether	3.83	45	452459	50.512	ug/l	92
23) Vinyl Acetate	3.79	43	1858066	247.300	ug/l	98
24) 1,1-Dichloroethane	3.67	63	276940	50.547	ug/l	99
25) 2-Butanone	4.64	43	507106	241.824	ug/l	98
26) 2,2-Dichloropropane	4.55	77	211909	44.312	ug/l #	1
27) cis-1,2-Dichloroethene	4.56	96	6277238	1745.031	ug/l	88
28) Bromochloromethane	4.98	49	111887	42.714	ug/l	96
29) Tetrahydrofuran	5.09	42	338310	252.850	ug/l	98
30) Chloroform	5.17	83	291413	50.867	ug/l	97
31) Cyclohexane	5.54	56	225748	48.083	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	253920	51.598	ug/l	99
36) 1,1-Dichloropropene	5.76	75	213889	48.949	ug/l	99
37) Ethyl Acetate	4.80	43	194351	47.377	ug/l #	78
38) Carbon Tetrachloride	5.75	117	216154	51.106	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	229997	45.205	ug/l	97
40) Benzene	6.11	78	651745	48.544	ug/l	99
41) Methacrylonitrile	5.01	41	109425	48.372	ug/l	97
42) 1,2-Dichloroethane	6.16	62	229263	49.821	ug/l	100
43) Isopropyl Acetate	6.42	43	328207	47.595	ug/l	99
44) Trichloroethene	7.22	130	24390318	6935.512	ug/l	98
45) 1,2-Dichloropropane	7.49	63	156549	47.365	ug/l	99
46) Dibromomethane	7.63	93	112946	49.929	ug/l	99
47) Bromodichloromethane	7.87	83	225201	51.303	ug/l	99
48) Methyl methacrylate	7.74	41	163832	50.730	ug/l	98
49) 1,4-Dioxane	7.72	88	80936	1103.773	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1023751	254.591	ug/l	99
52) Toluene	8.76	92	401049	48.830	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	243517	51.367	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	263103	50.010	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	164613	49.213	ug/l	98
56) Ethyl methacrylate	9.16	69	249145	52.639	ug/l	99
57) 1,3-Dichloropropane	9.35	76	276241	49.327	ug/l	100
59) 2-Hexanone	9.48	43	789048	258.727	ug/l	99
60) Dibromochloromethane	9.57	129	170910	52.165	ug/l	98
61) 1,2-Dibromoethane	9.65	107	174920	50.732	ug/l	100
64) Tetrachloroethene	9.32	164	173635	53.604	ug/l	97
65) Chlorobenzene	10.12	112	422721	49.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	160521	52.086	ug/l	98
67) Ethyl Benzene	10.23	91	749089	50.468	ug/l	99
68) m/p-Xylenes	10.34	106	565338	102.234	ug/l	98
69) o-Xylene	10.68	106	276085	52.228	ug/l	98
70) Styrene	10.70	104	469411	48.039	ug/l	100
71) Bromoform	10.84	173	123616	47.541	ug/l #	99
73) Isopropylbenzene	11.00	105	729573	51.303	ug/l	100
74) N-amyl acetate	10.88	43	277736	52.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	260888	51.300	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	289787	64.595	ug/l	88
77) Bromobenzene	11.24	156	186779	51.449	ug/l	96
78) n-propylbenzene	11.34	91	806005	49.406	ug/l	100
79) 2-Chlorotoluene	11.40	91	494983	50.029	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	613483	51.425	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80824	48.773	ug/l	100
82) 4-Chlorotoluene	11.49	91	586484	50.354	ug/l	100
83) tert-Butylbenzene	11.76	119	598232	51.834	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	622661	51.586	ug/l	99
85) sec-Butylbenzene	11.93	105	673096	49.023	ug/l	100
86) p-Isopropyltoluene	12.05	119	613586	49.221	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	332291	49.840	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	335294	48.823	ug/l	99
89) n-Butylbenzene	12.37	91	522404	46.354	ug/l	98
90) Hexachloroethane	12.58	117	106504	51.057	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	326312	48.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57030	54.969	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	217790	50.660	ug/l	96

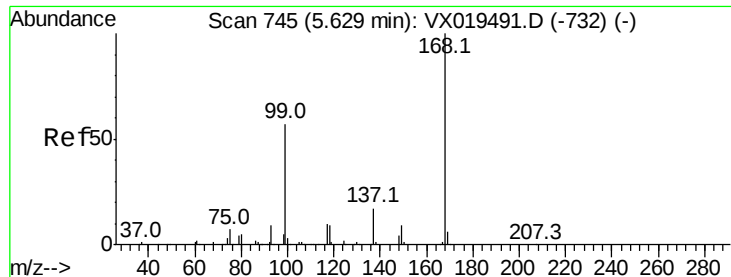
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	77768	39.709	ug/l	98
95) Naphthalene	13.82	128	743047	49.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216525	50.352	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: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

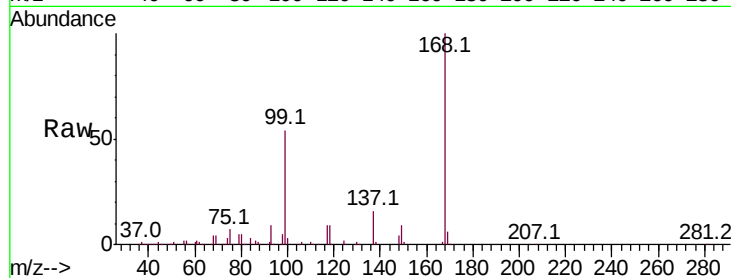
56BR-20201118MS

Tot Ion:168 Resp: 278406

Ion Ratio Lower Upper

168 100

99 53.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

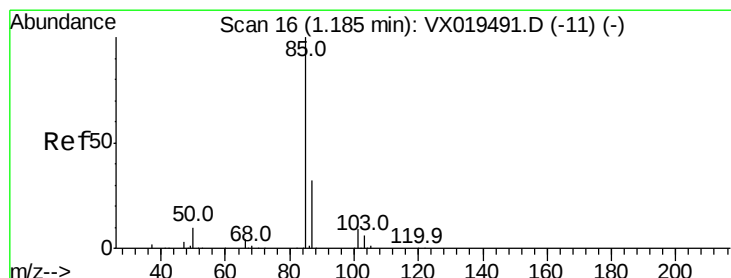
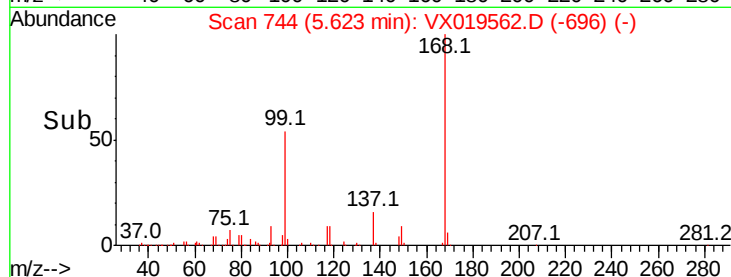
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 70.888 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019562.D

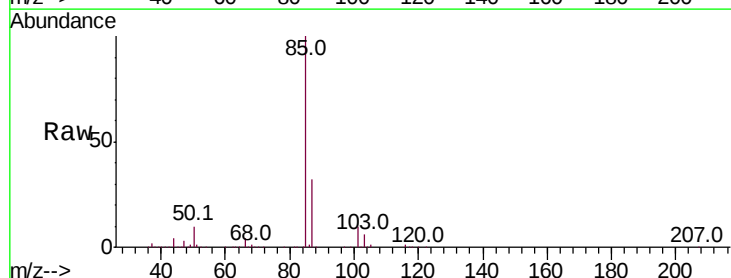
Acq: 23 Nov 2020 19:46

Tgt Ion: 85 Resp: 191921

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

200000

150000

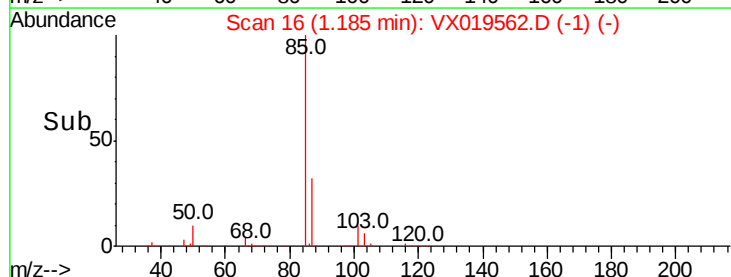
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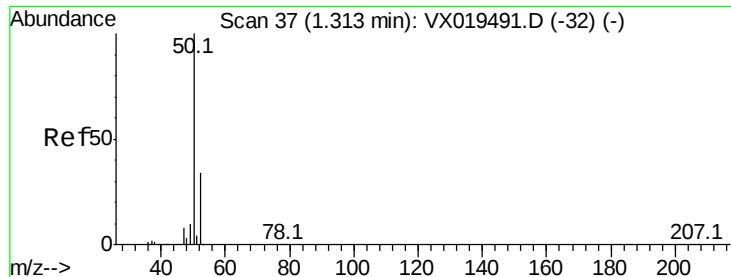
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.135 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

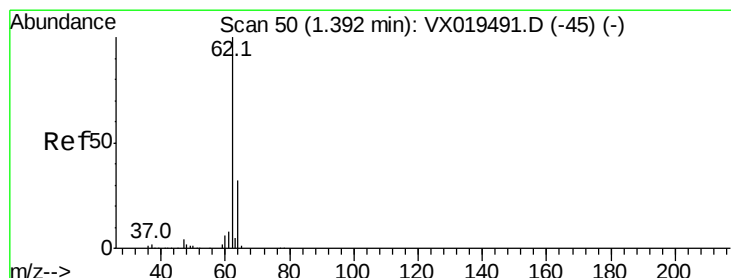
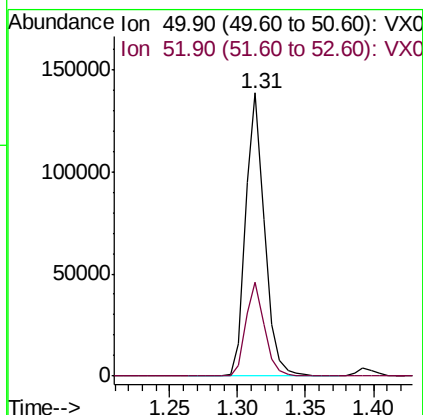
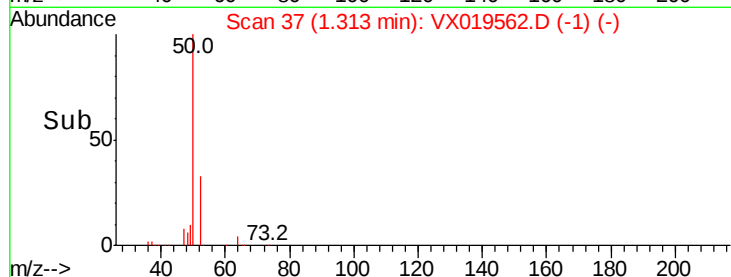
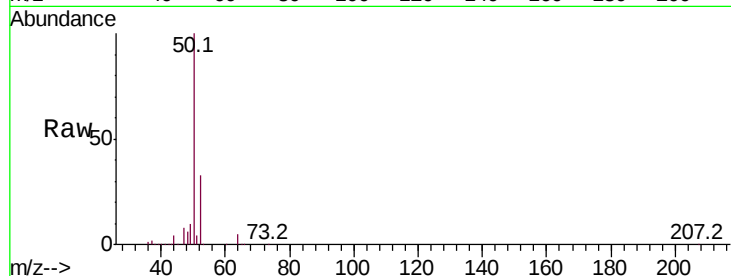
56BR-20201118MS

Tot Ion: 50 Resp: 134009

Ion Ratio Lower Upper

50 100

52 33.0 27.0 40.6



#4

Vinyl Chloride

Concen: 158.209 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019562.D

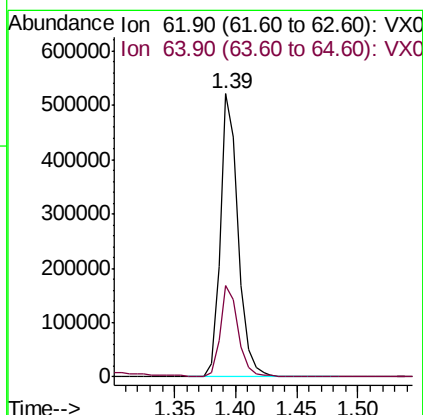
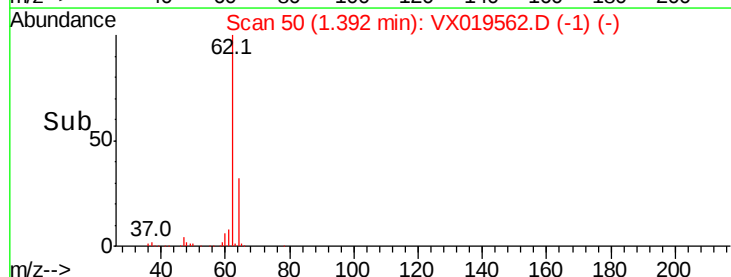
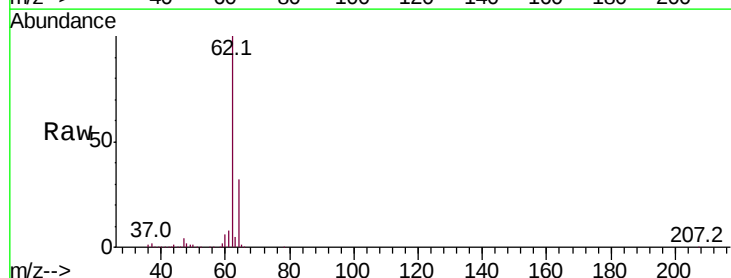
Acq: 23 Nov 2020 19:46

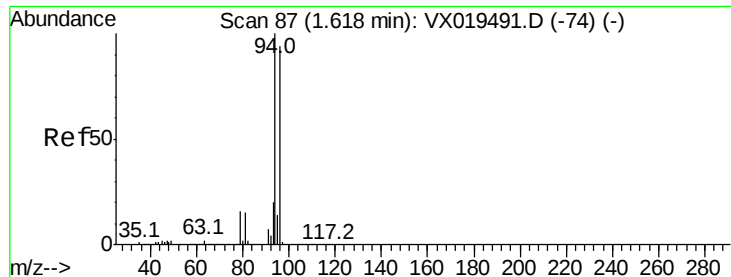
Tgt Ion: 62 Resp: 529105

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 41.459 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

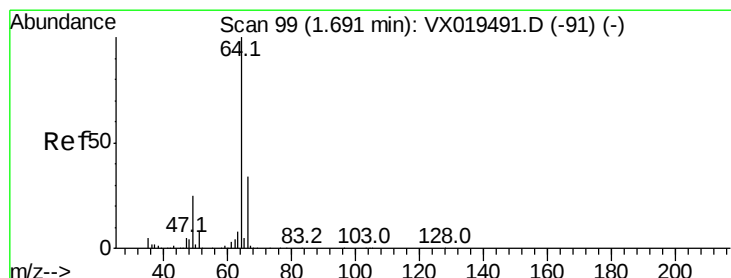
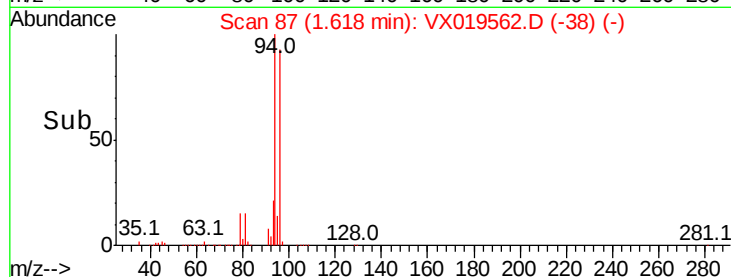
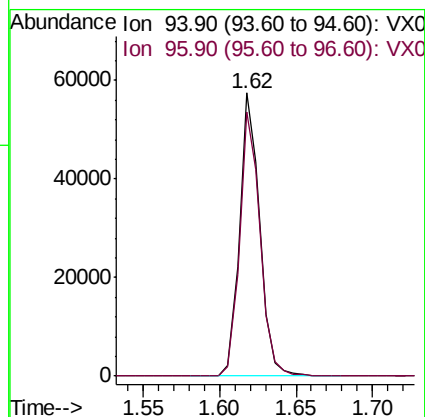
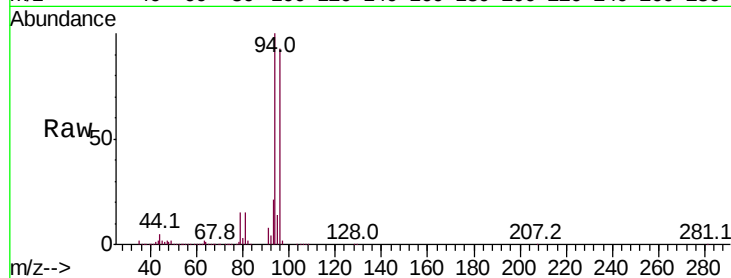
56BR-20201118MS

Tot Ion: 94 Resp: 52518

Ion Ratio Lower Upper

94 100

96 93.4 75.6 113.4



#6

Chloroethane

Concen: 46.281 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019562.D

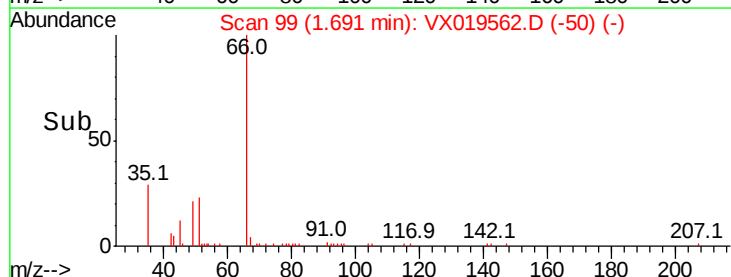
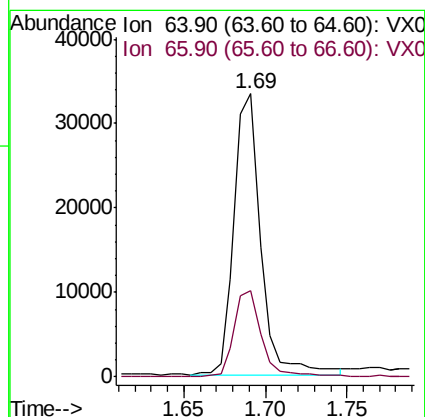
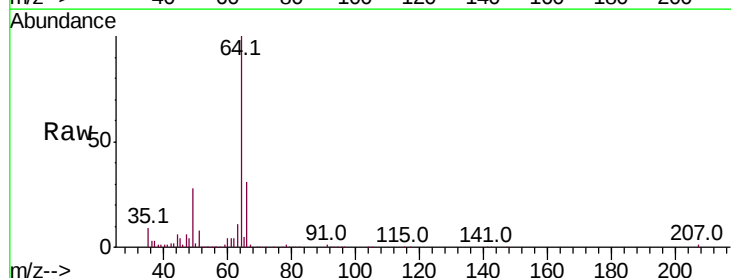
Acq: 23 Nov 2020 19:46

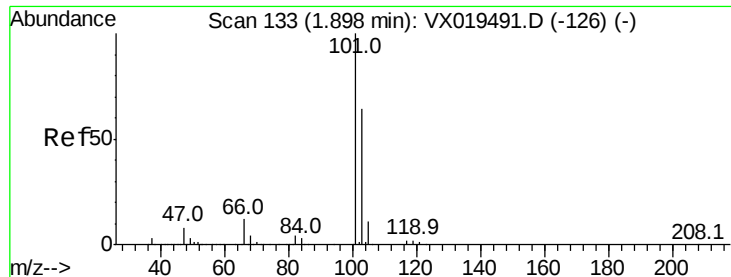
Tgt Ion: 64 Resp: 37963

Ion Ratio Lower Upper

64 100

66 30.7 27.1 40.7



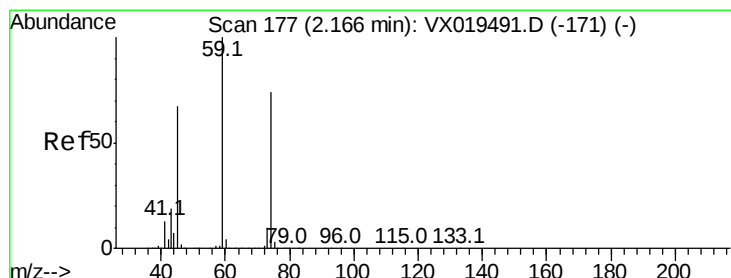
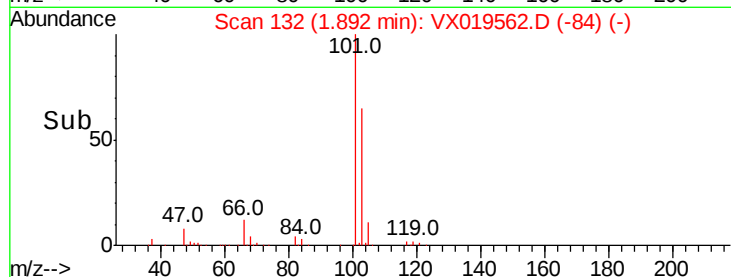
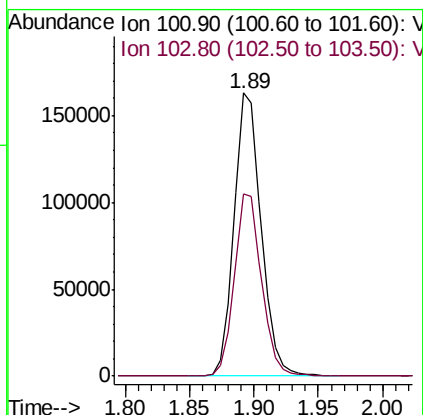
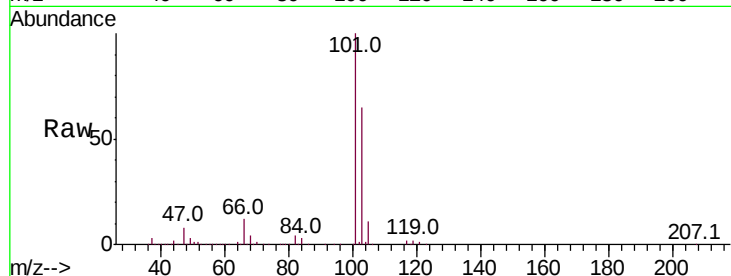


#7

Trichlorofluoromethane
 Concen: 49.599 ug/l
 RT: 1.89 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
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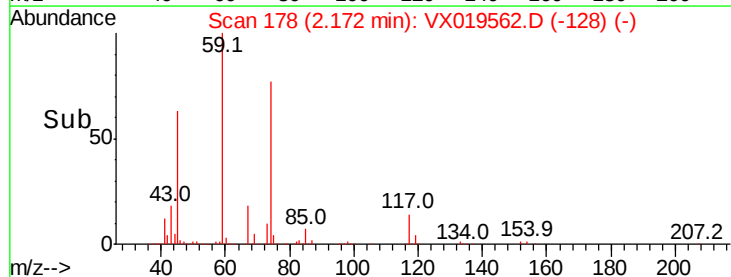
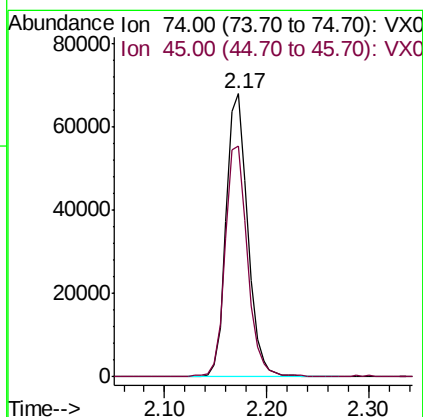
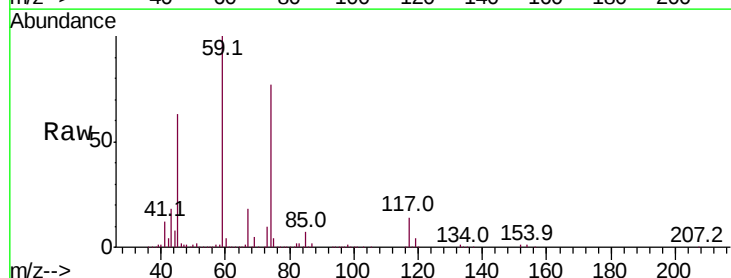
Tot Ion:101 Resp: 239411
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.9 76.3

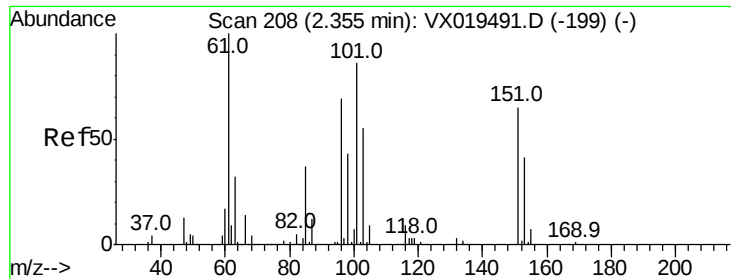


#8

Diethyl Ether
 Concen: 51.380 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion: 74 Resp: 99325
 Ion Ratio Lower Upper
 74 100
 45 84.0 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 84.576 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

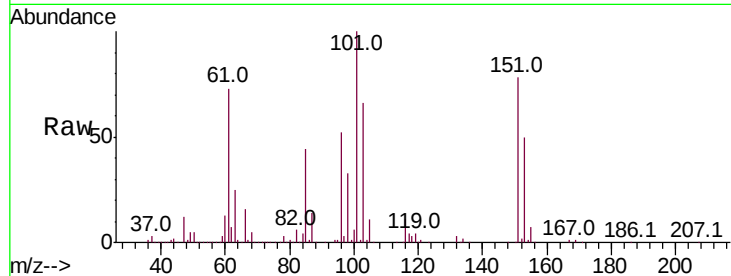
Tot Ion:101 Resp: 227758

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

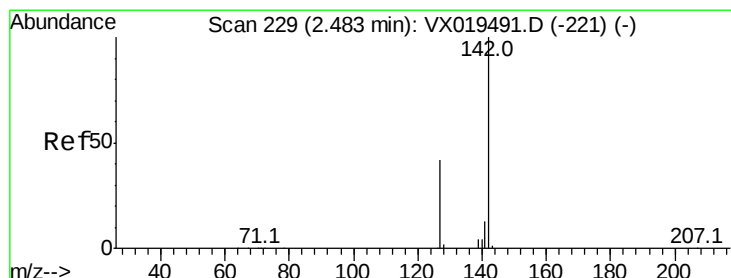
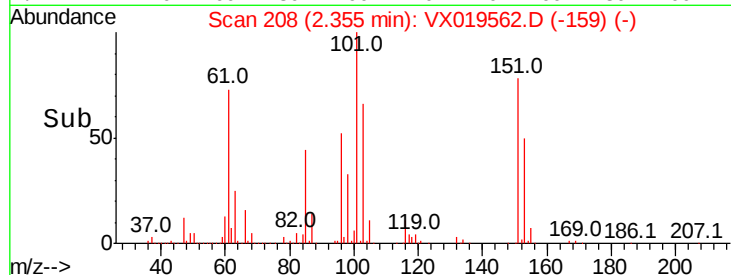
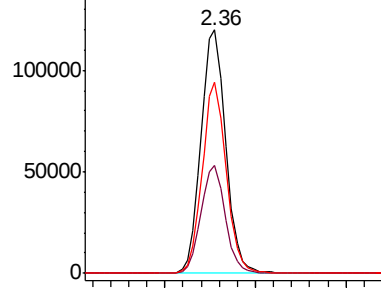
151 76.0 60.9 91.3



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: 49.883 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

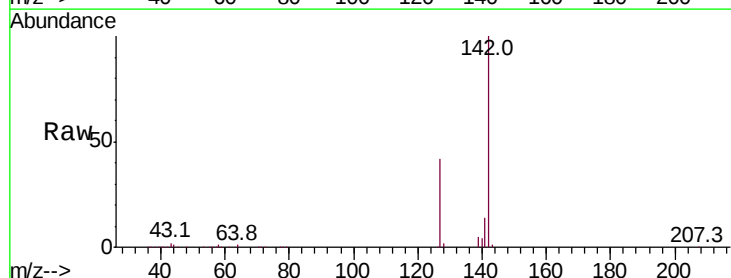
Tgt Ion:142 Resp: 176475

Ion Ratio Lower Upper

142 100

127 42.1 33.8 50.6

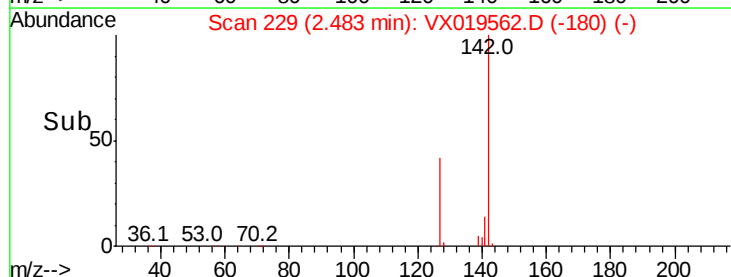
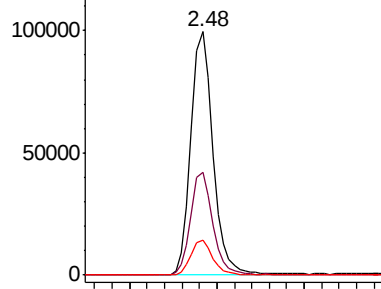
141 14.1 11.0 16.6

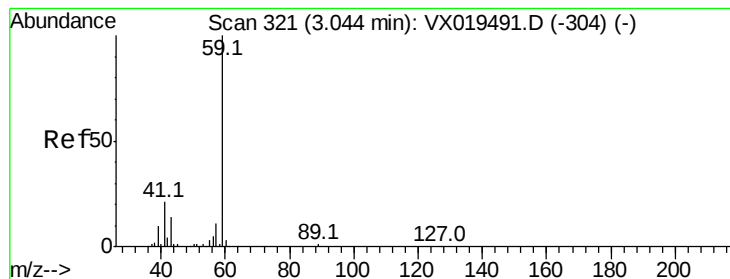


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



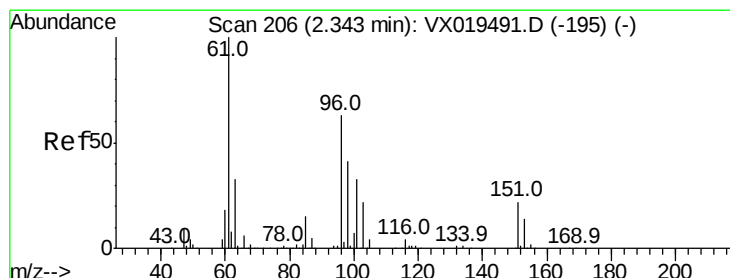
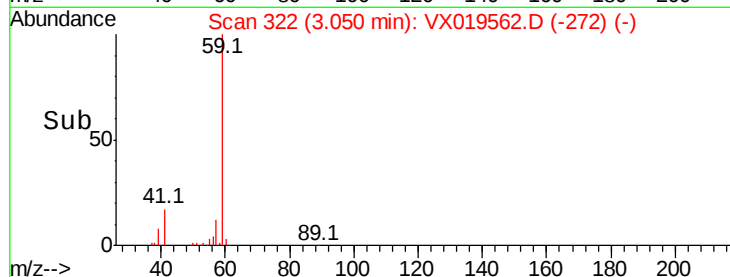
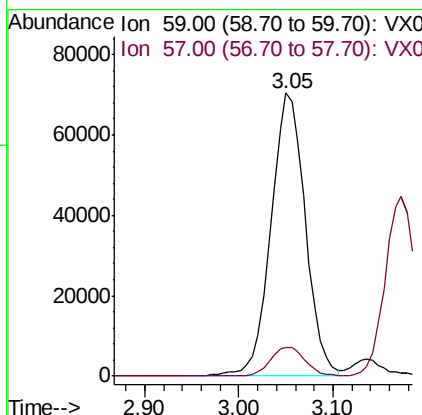
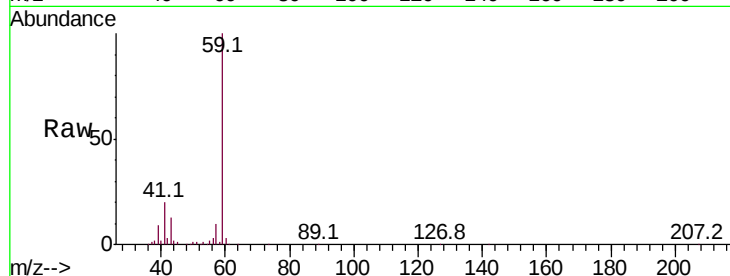


#11

Tert butyl alcohol
Concen: 261.850 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

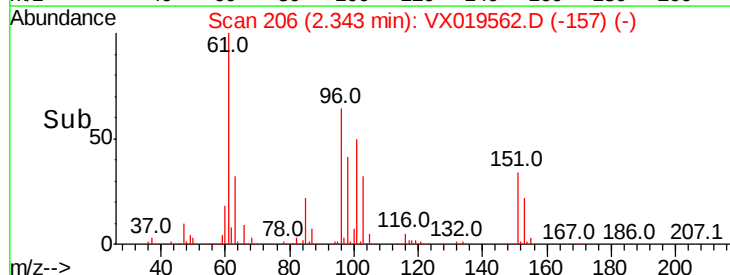
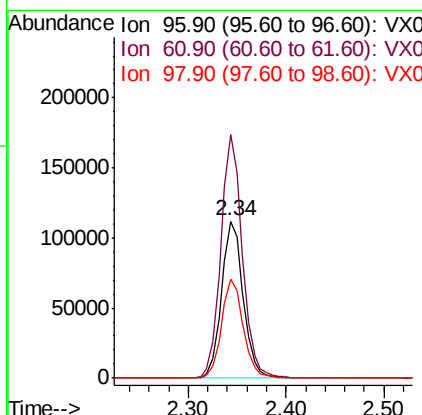
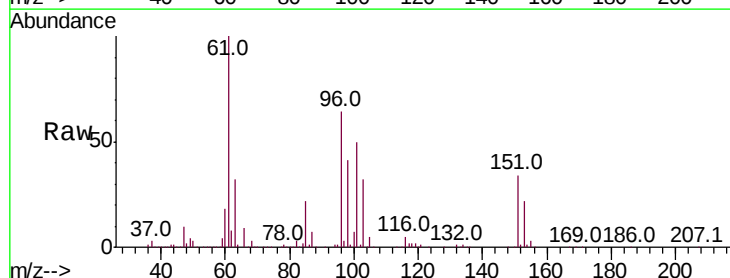
Tot Ion: 59 Resp: 178883
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

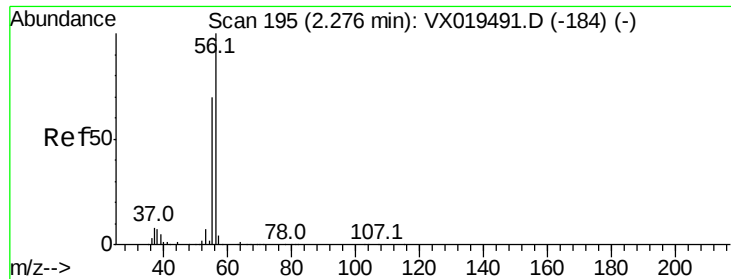


#12

1,1-Dichloroethene
Concen: 62.248 ug/l
RT: 2.34 min Scan# 206
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 96 Resp: 172053
Ion Ratio Lower Upper
96 100
61 155.4 126.0 189.0
98 63.1 52.0 78.0

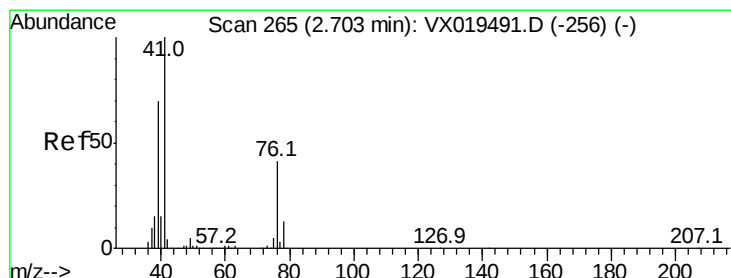
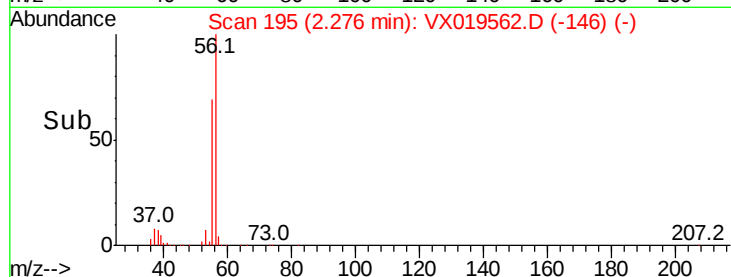
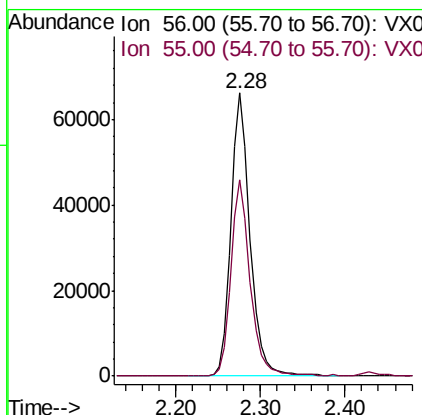
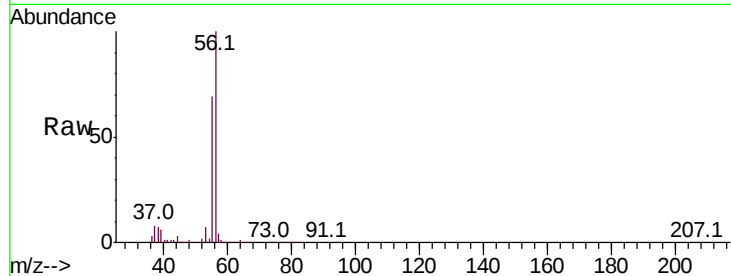




#13
Acrolein
Concen: 223.469 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

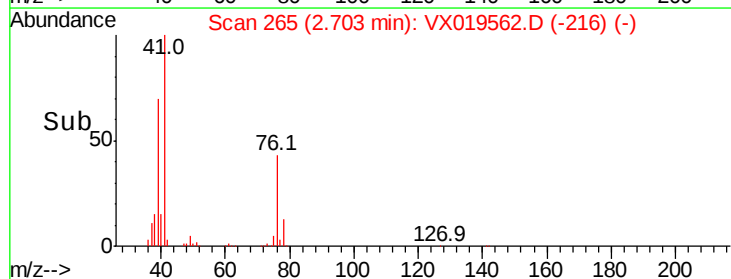
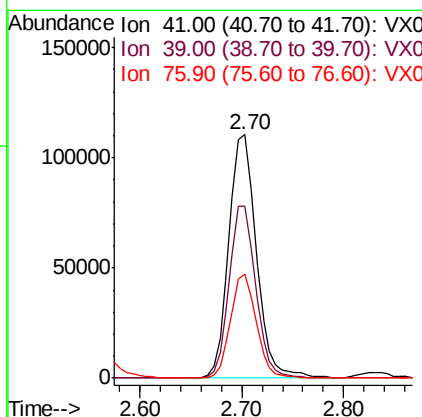
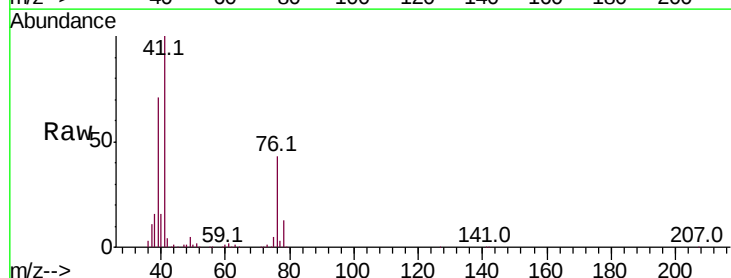
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

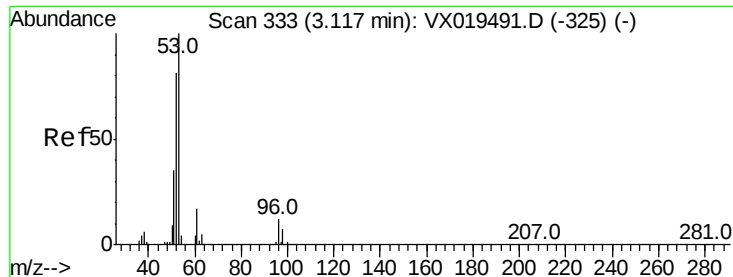
Tot Ion: 56 Resp: 102619
Ion Ratio Lower Upper
56 100
55 68.8 55.5 83.3



#14
Allyl chloride
Concen: 47.610 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 41 Resp: 206152
Ion Ratio Lower Upper
41 100
39 67.9 53.0 79.4
76 40.0 31.0 46.6





#15

Acrylonitrile

Concen: 251.470 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

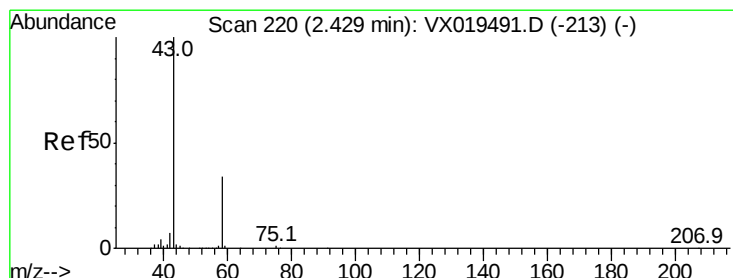
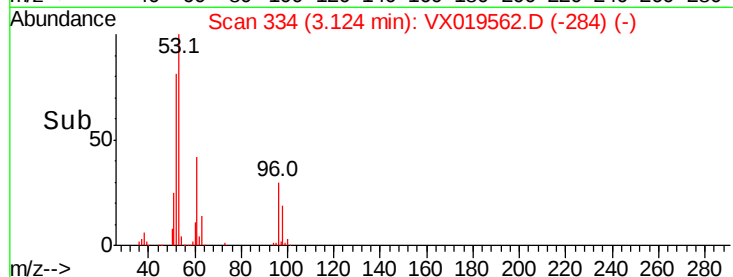
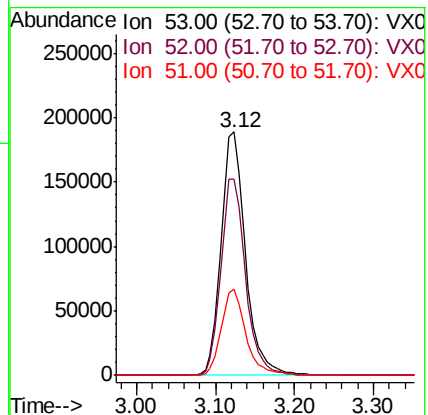
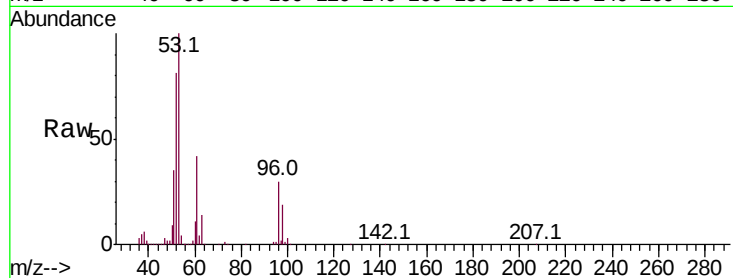
Tot Ion: 53 Resp: 405145

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.2

51 35.6 28.5 42.7



#16

Acetone

Concen: 231.540 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX019562.D

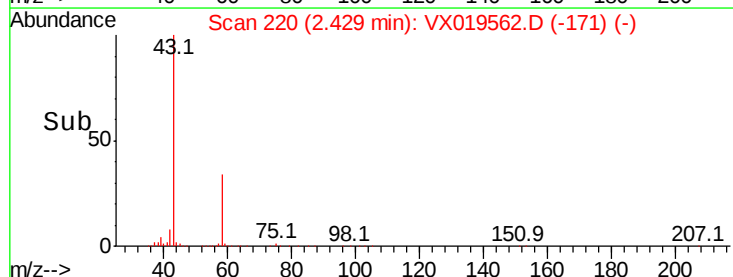
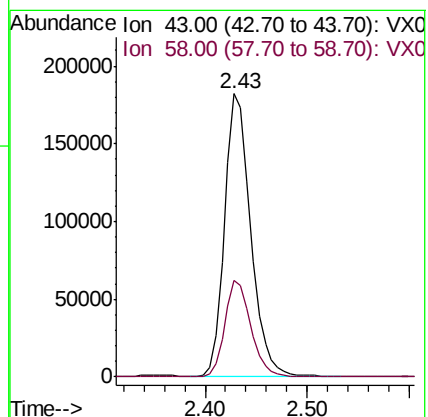
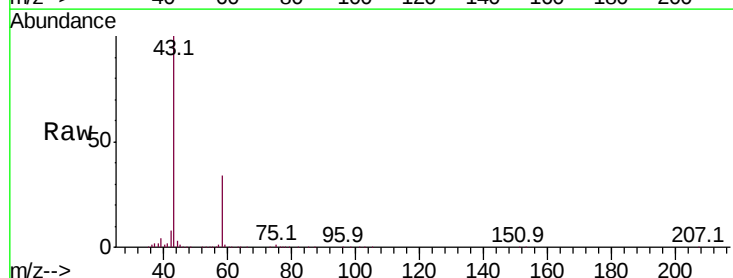
Acq: 23 Nov 2020 19:46

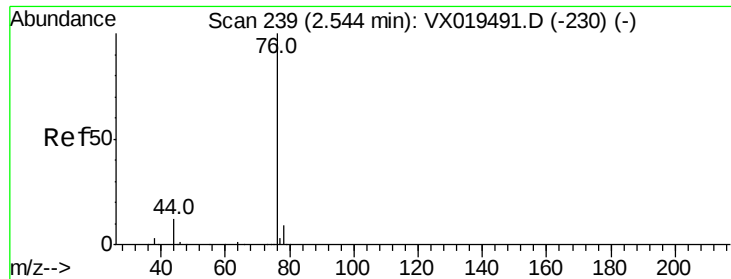
Tgt Ion: 43 Resp: 323221

Ion Ratio Lower Upper

43 100

58 34.0 27.4 41.2

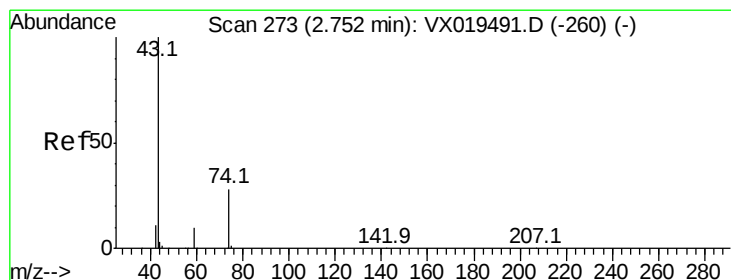
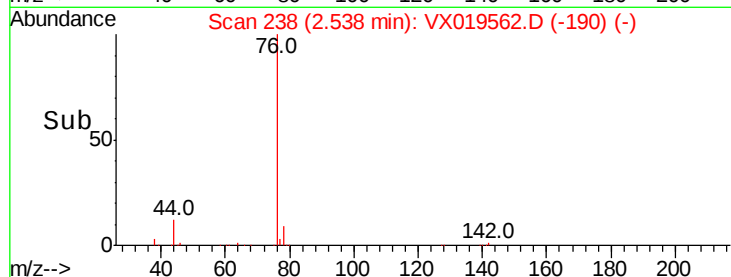
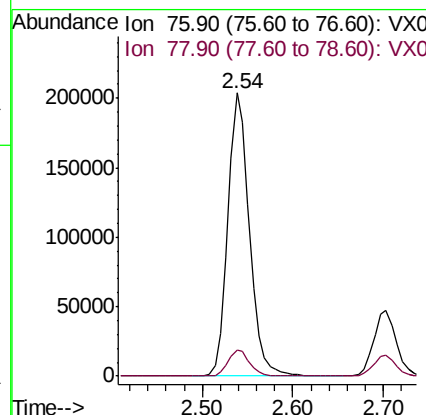
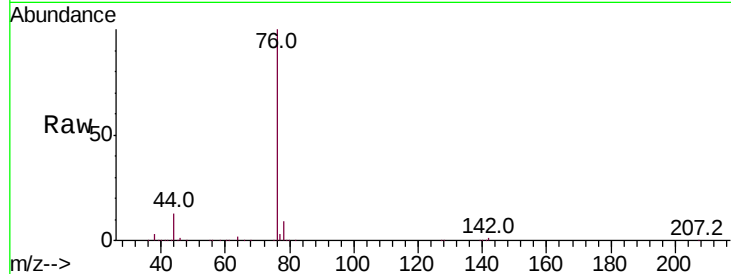




#17
Carbon Disulfide
Concen: 45.210 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

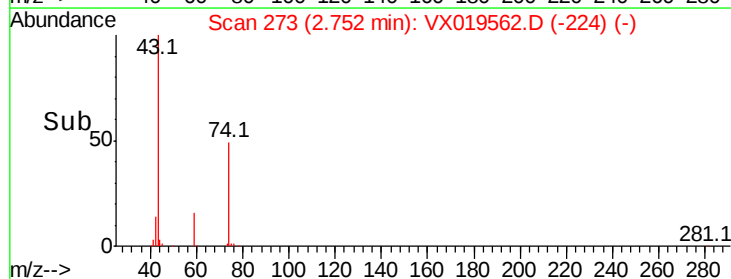
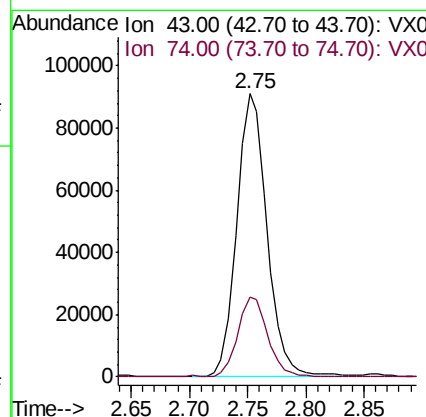
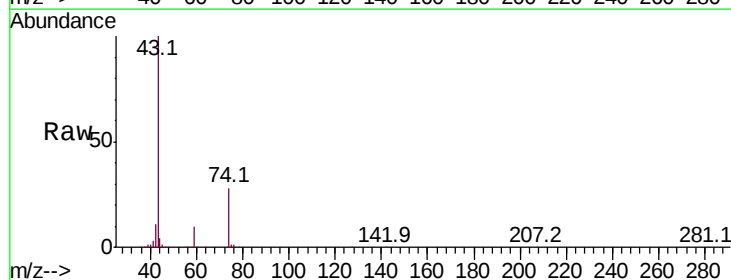
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

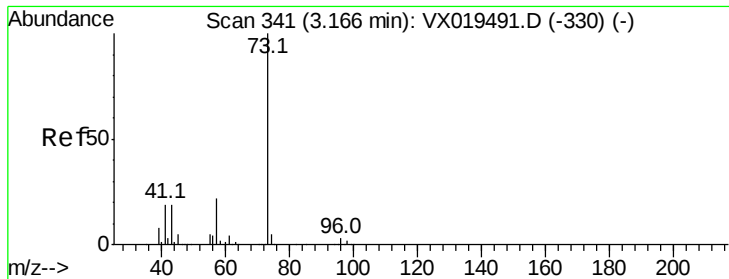
Tot Ion: 76 Resp: 335704
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 47.932 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 43 Resp: 163970
Ion Ratio Lower Upper
43 100
74 28.0 22.2 33.4



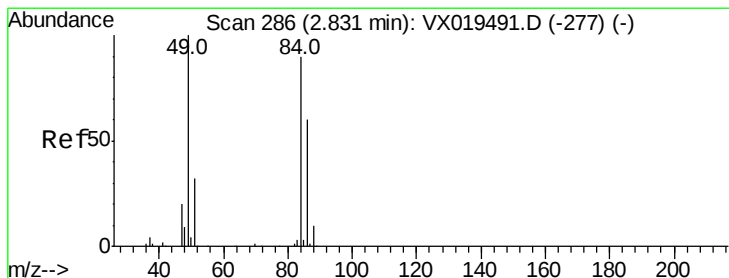
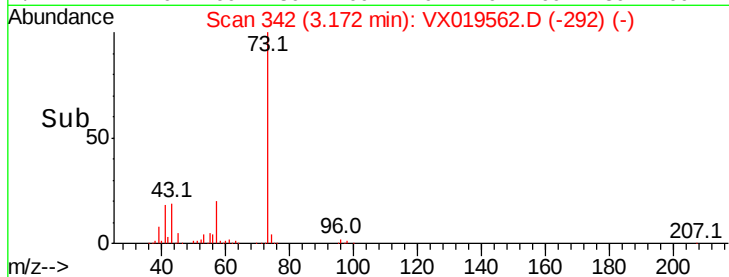
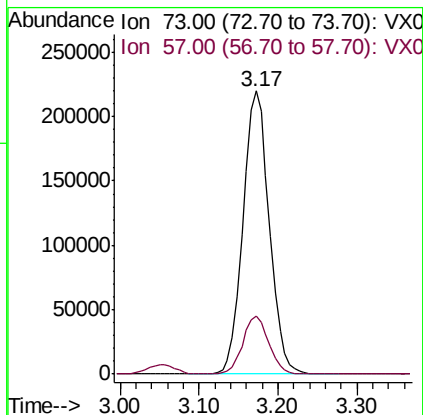
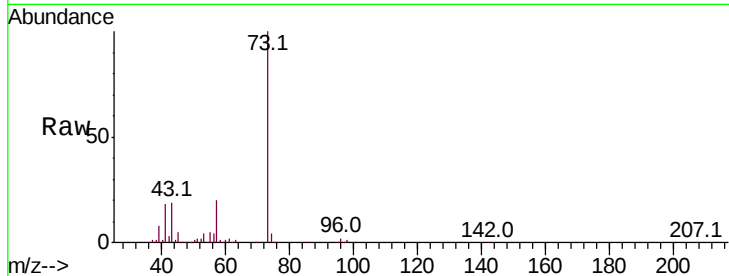


#19

Methyl tert-butyl Ether
 Concen: 53.263 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

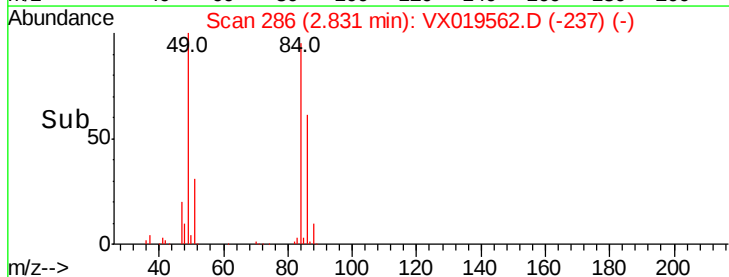
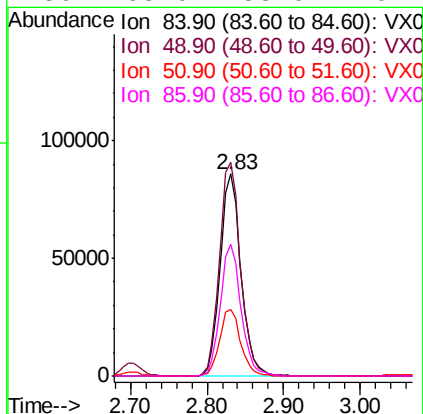
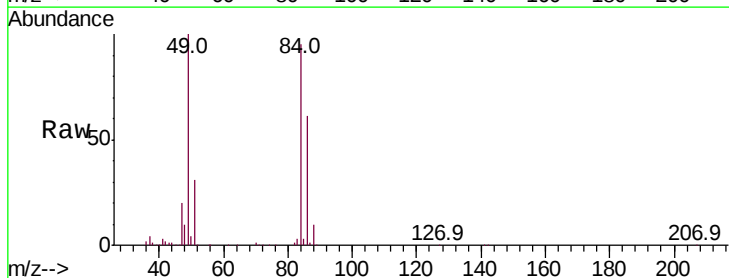
Tot Ion: 73 Resp: 508168
 Ion Ratio Lower Upper
 73 100
 57 20.3 17.3 25.9

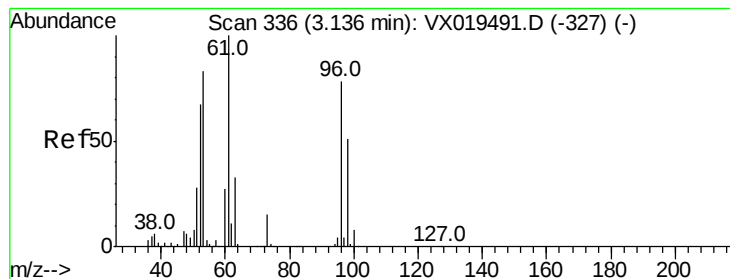


#20

Methylene Chloride
 Concen: 46.335 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion: 84 Resp: 161665
 Ion Ratio Lower Upper
 84 100
 49 105.7 88.5 132.7
 51 33.2 28.0 42.0
 86 65.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 56.484 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

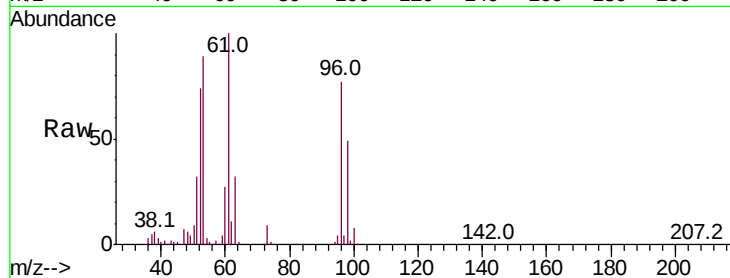
Tot Ion: 96 Resp: 176886

Ion Ratio Lower Upper

96 100

61 130.6 102.9 154.3

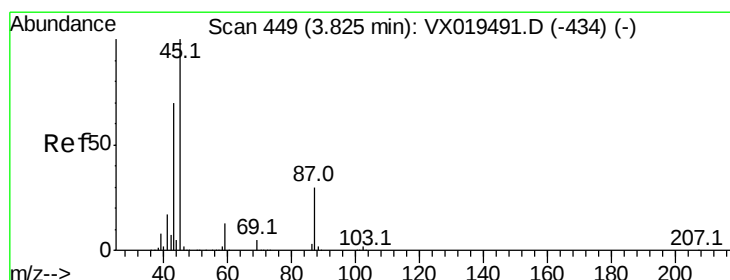
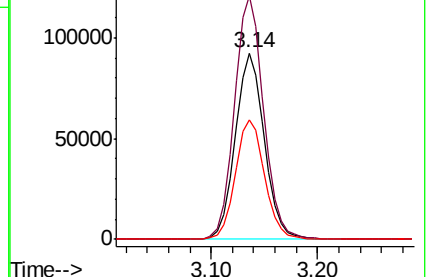
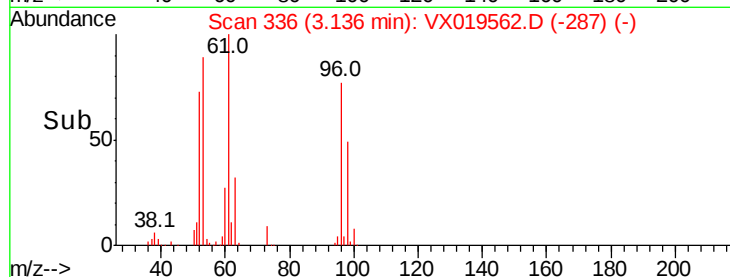
98 64.0 52.1 78.1



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: 50.512 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Tgt Ion: 45 Resp: 452459

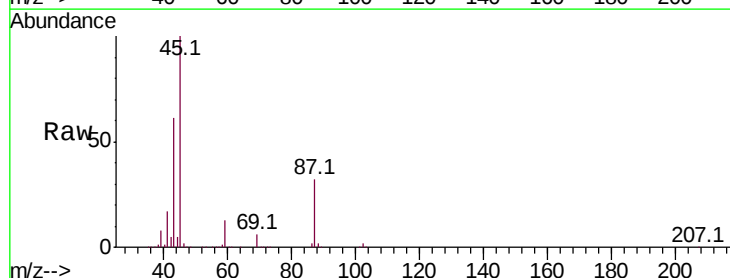
Ion Ratio Lower Upper

45 100

43 60.8 56.1 84.1

87 32.5 24.2 36.2

59 13.1 10.2 15.2

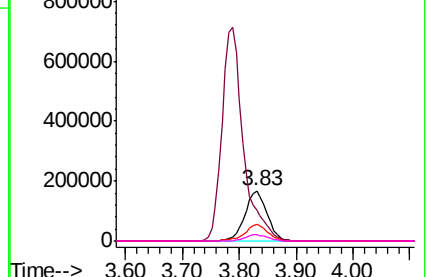
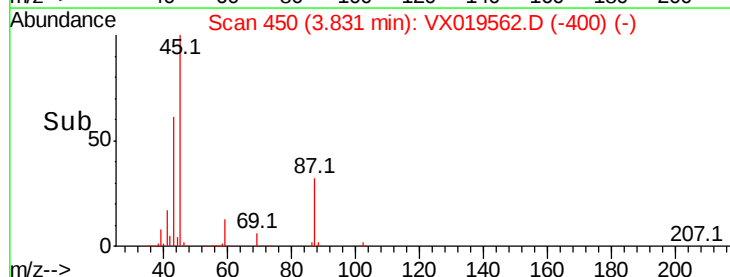


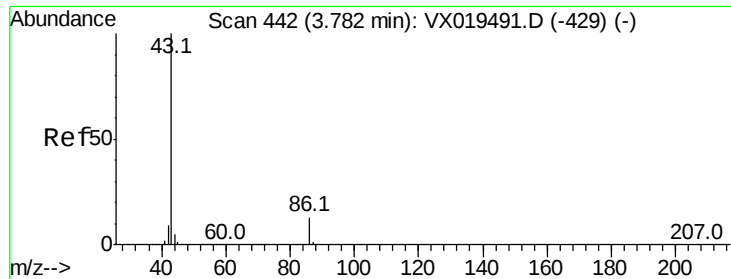
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 247.300 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

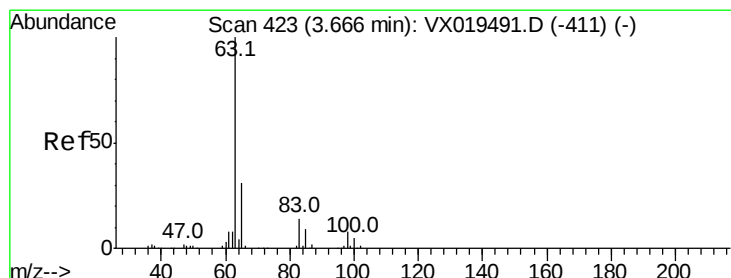
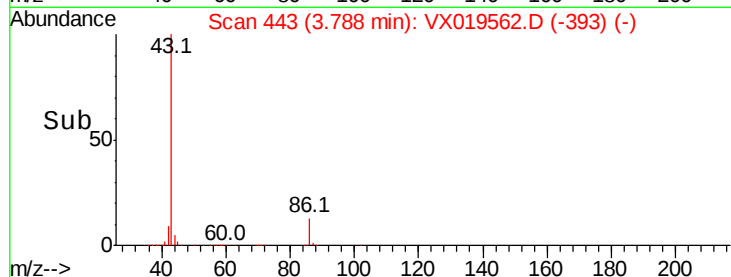
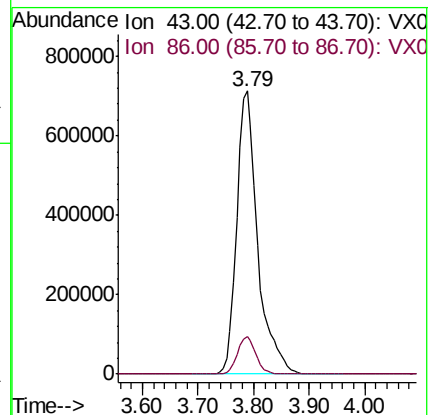
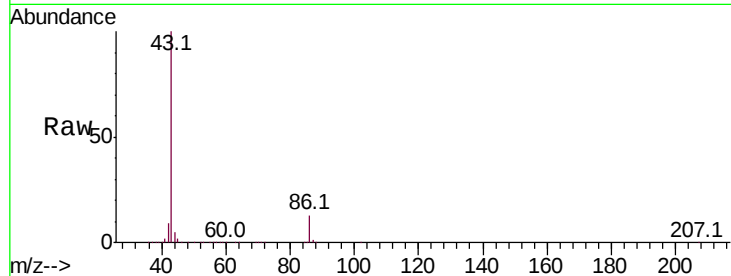
56BR-20201118MS

Tot Ion: 43 Resp: 1858066

Ion Ratio Lower Upper

43 100

86 13.3 10.2 15.2



#24

1,1-Dichloroethane

Concen: 50.547 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

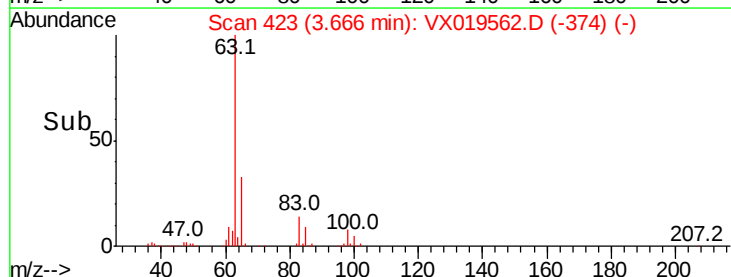
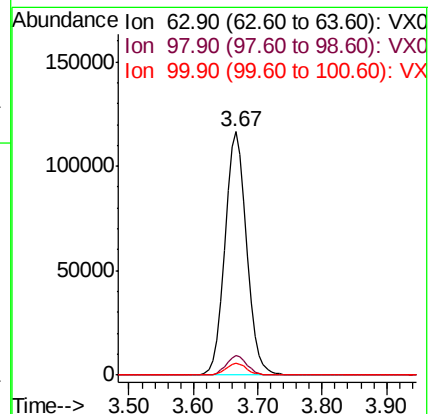
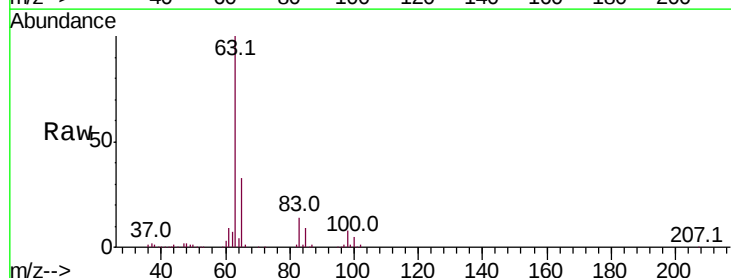
Tgt Ion: 63 Resp: 276940

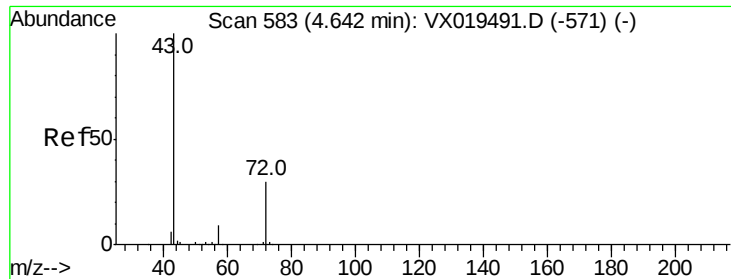
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 241.824 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

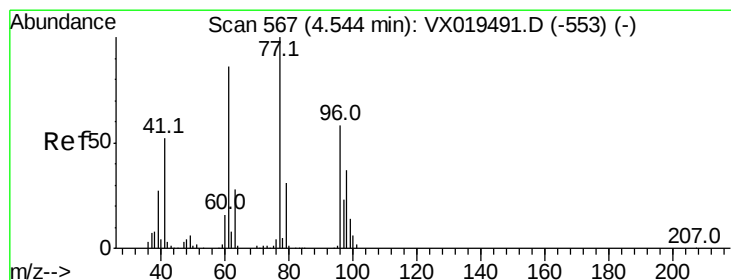
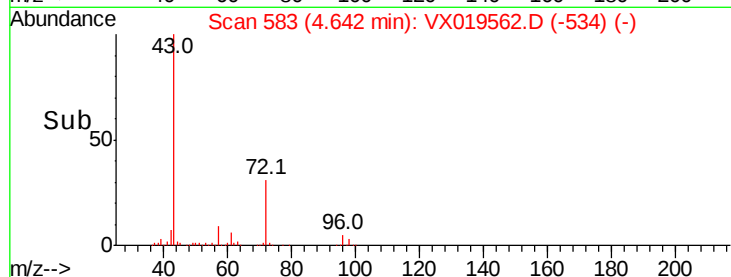
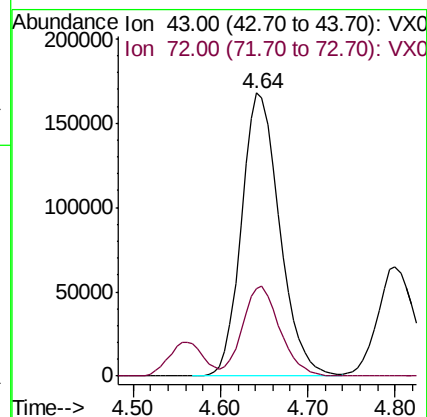
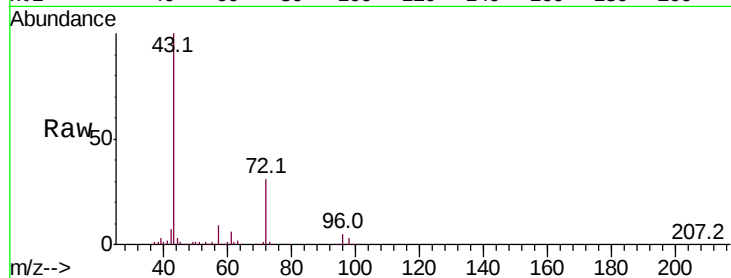
56BR-20201118MS

Tot Ion: 43 Resp: 507106

Ion Ratio Lower Upper

43 100

72 31.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 44.312 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019562.D

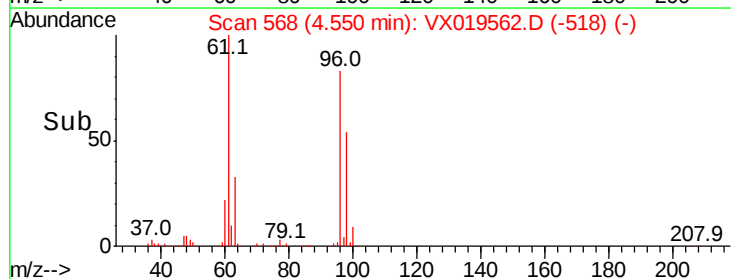
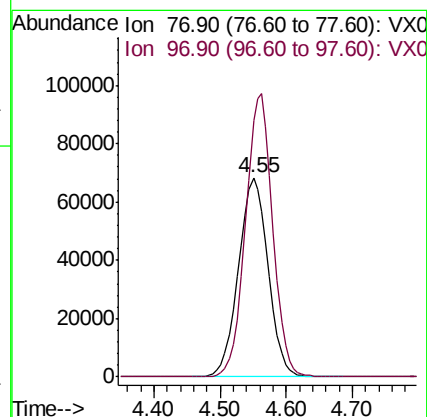
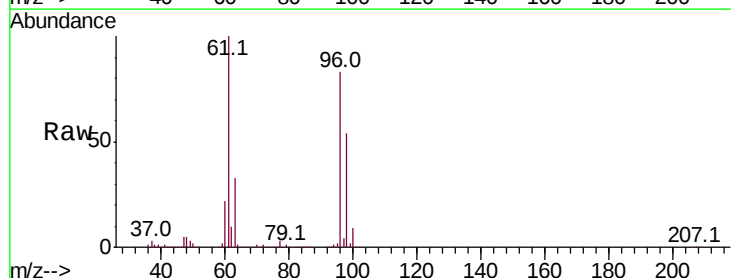
Acq: 23 Nov 2020 19:46

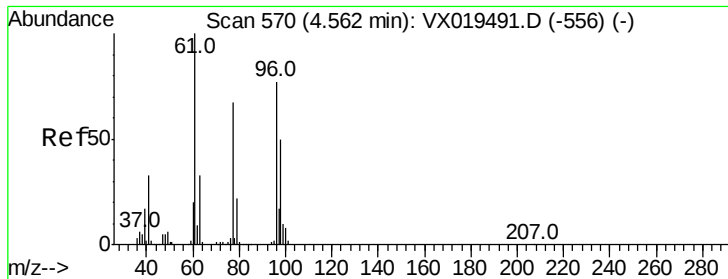
Tgt Ion: 77 Resp: 211909

Ion Ratio Lower Upper

77 100

97 130.6 11.6 34.8#



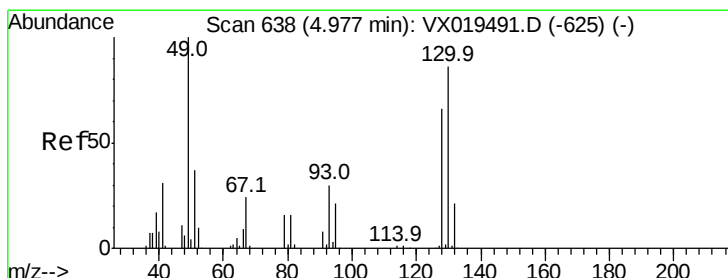
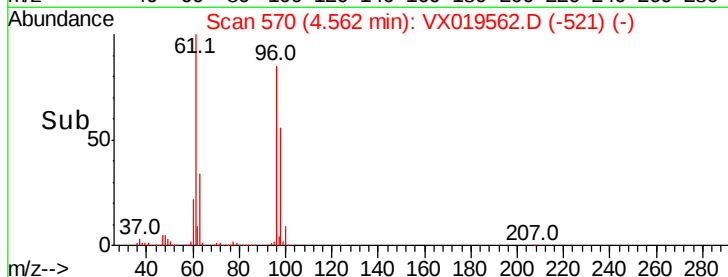
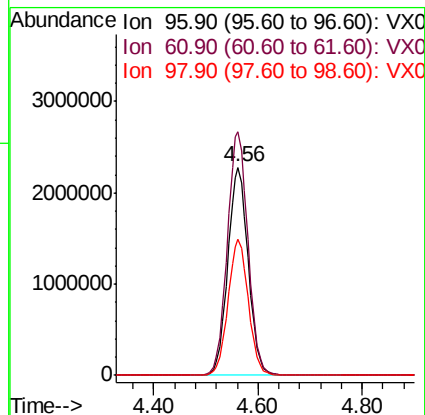
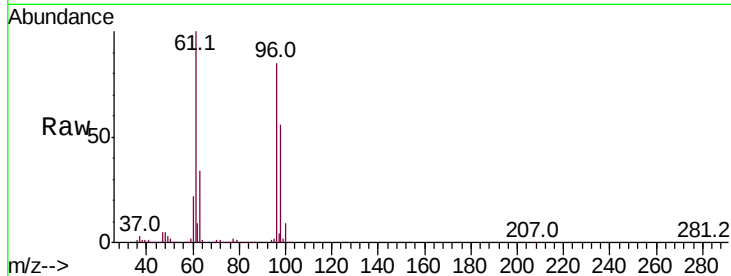


#27

cis-1,2-Dichloroethene
 Concen: 1745.031 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

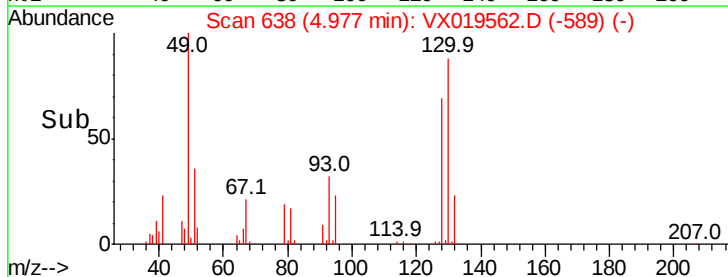
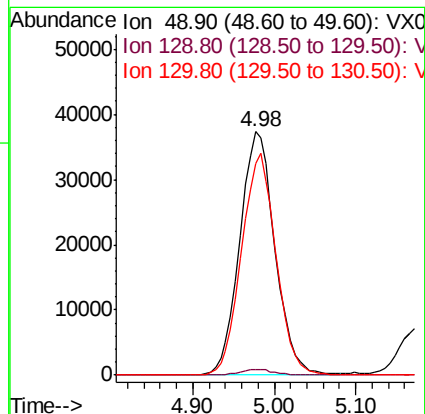
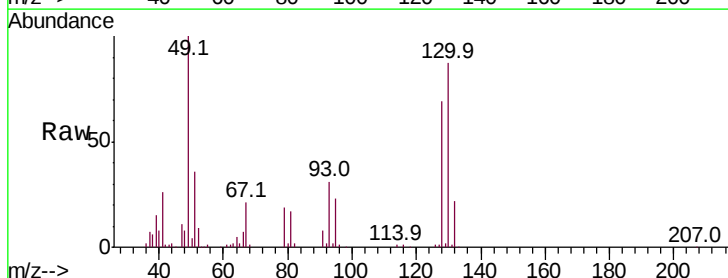
Tot Ion: 96 Resp: 6277238
 Ion Ratio Lower Upper
 96 100
 61 118.9 0.0 279.2
 98 65.2 0.0 129.8

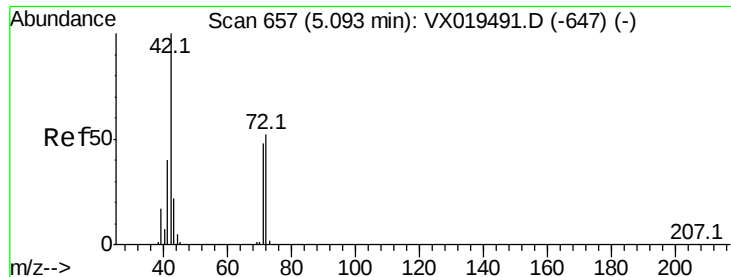


#28

Bromochloromethane
 Concen: 42.714 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion: 49 Resp: 111887
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 89.6 69.0 103.6

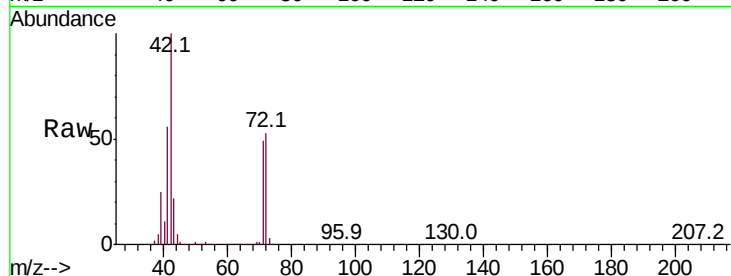




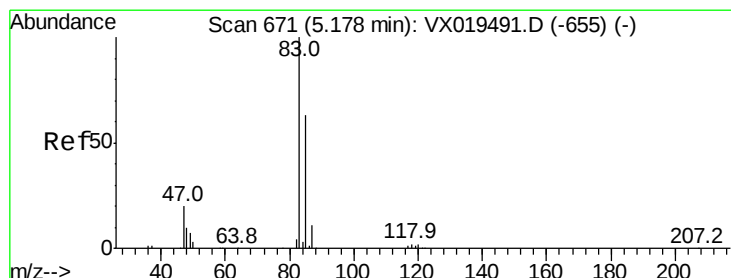
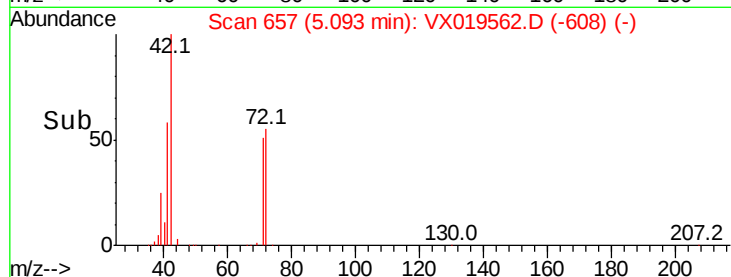
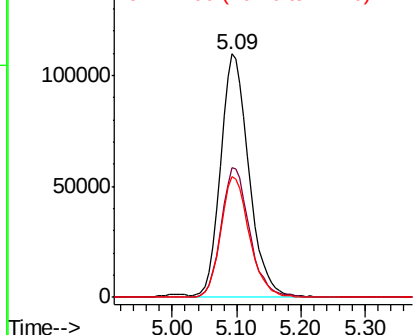
#29
Tetrahydrofuran
Concen: 252.850 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion: 42 Resp: 338310
Ion Ratio Lower Upper
42 100
72 53.9 42.6 63.8
71 50.2 39.0 58.6

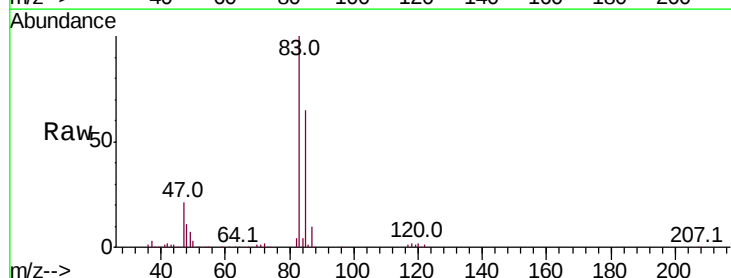


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

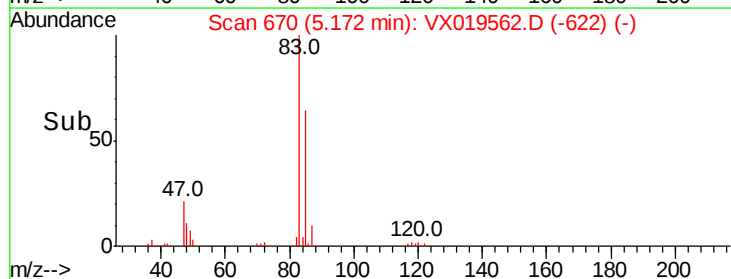
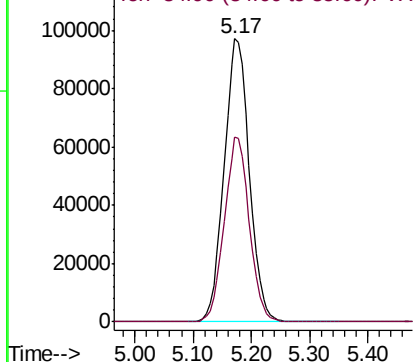


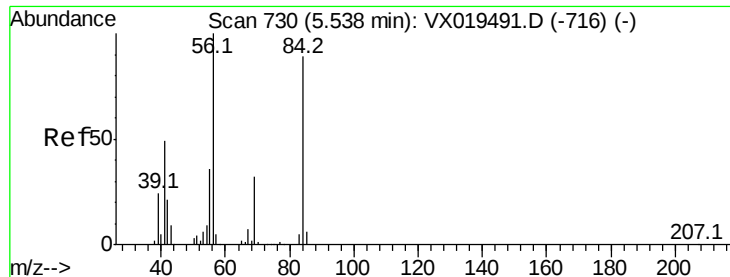
#30
Chloroform
Concen: 50.867 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 83 Resp: 291413
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

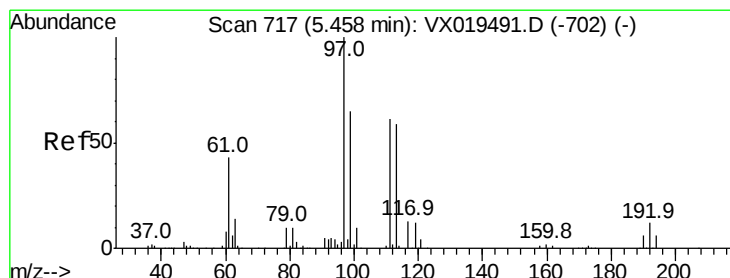
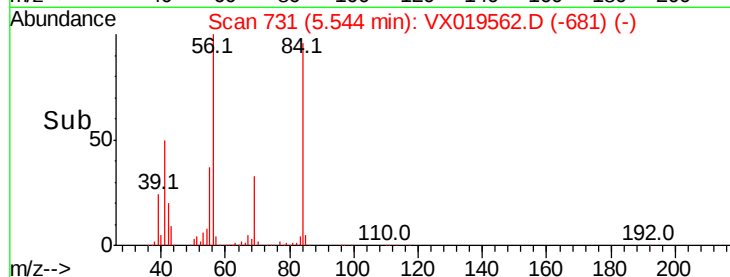
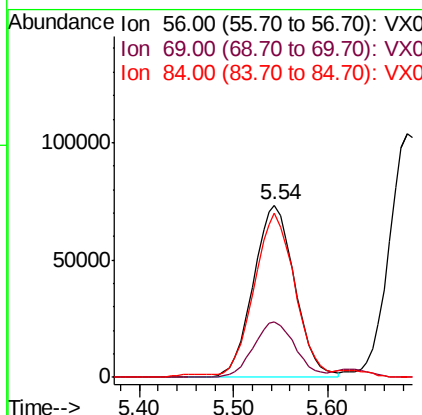
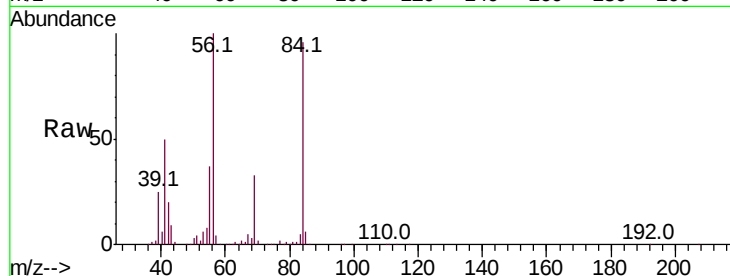




#31
Cvclohexane
Concen: 48.083 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

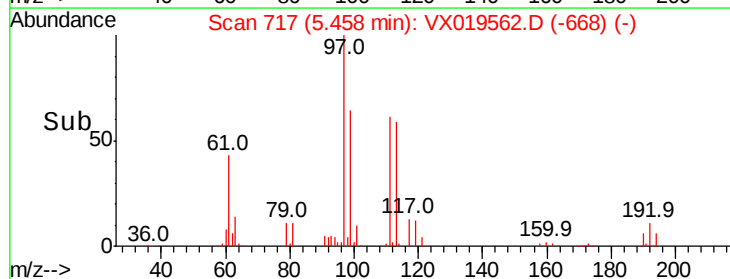
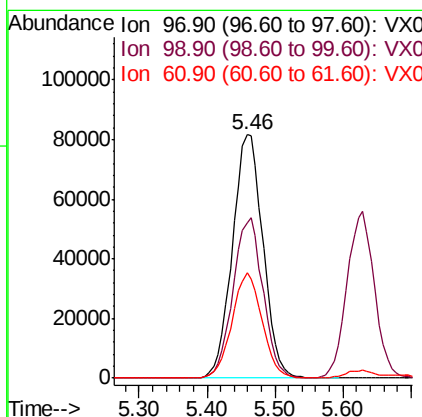
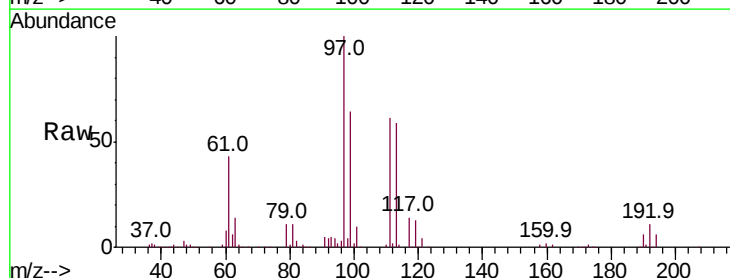
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

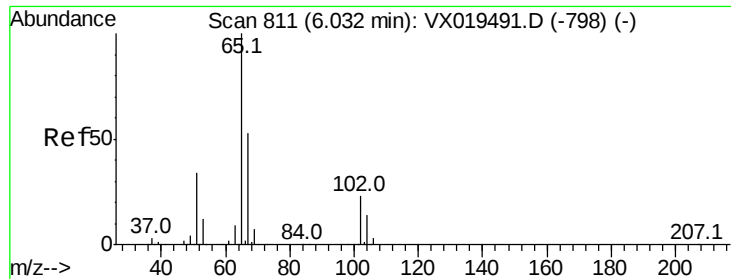
Tot Ion: 56 Resp: 225748
Ion Ratio Lower Upper
56 100
69 32.5 25.5 38.3
84 93.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 51.598 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 97 Resp: 253920
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 42.4 34.2 51.2

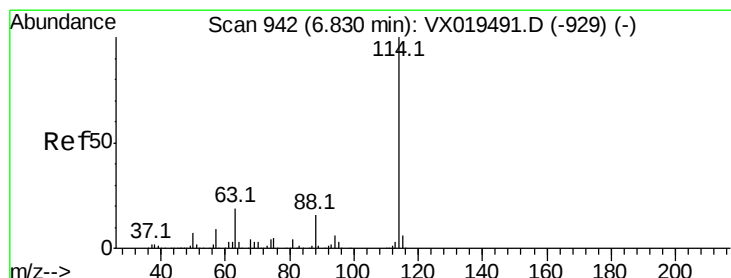
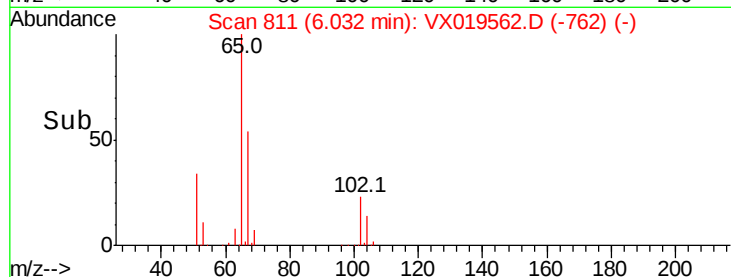
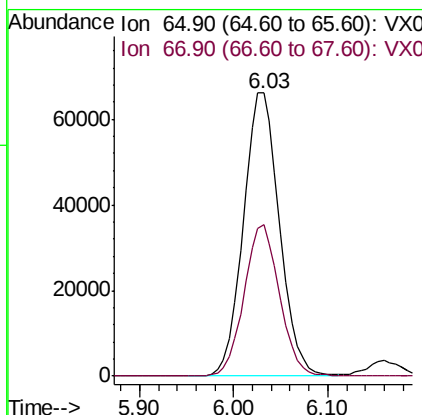
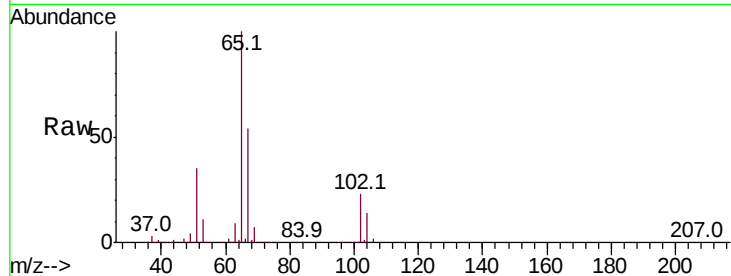




#33
 1,2-Dichloroethane-d4
 Concen: 49.154 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

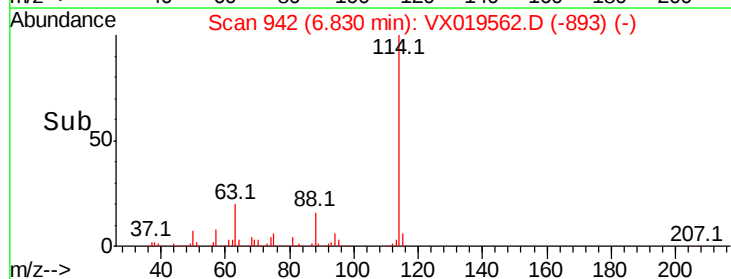
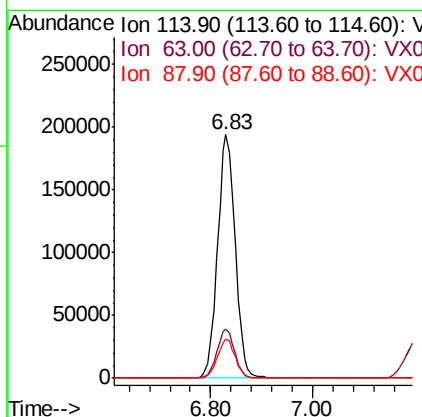
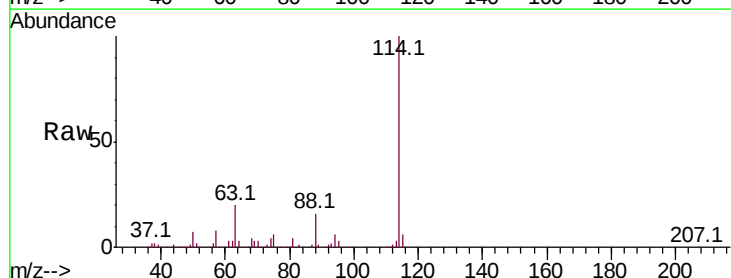
Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

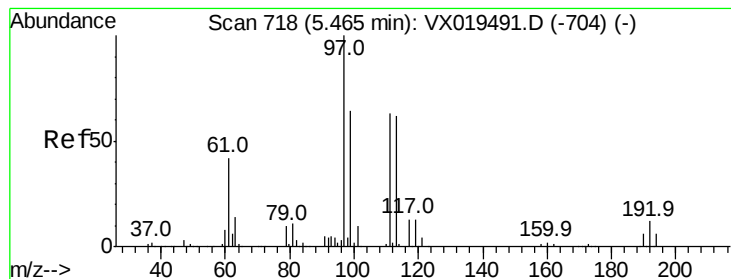
Tot Ion: 65 Resp: 177436
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion: 114 Resp: 466096
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.8
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.134 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

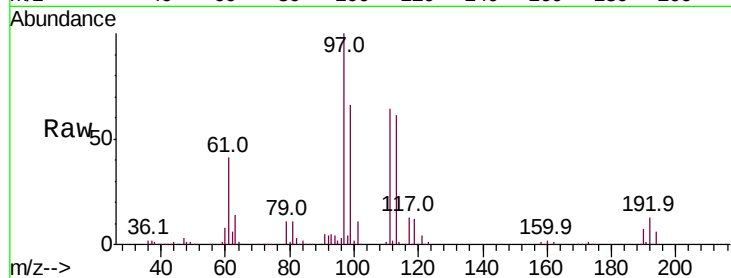
Tot Ion:113 Resp: 143750

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

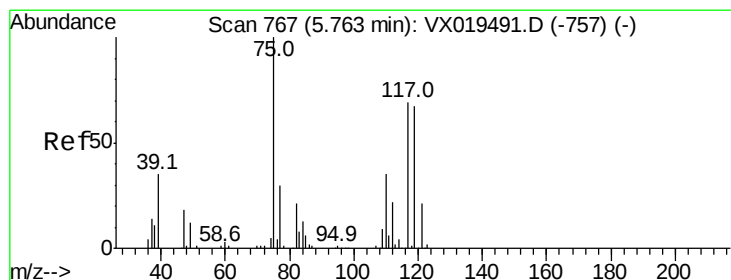
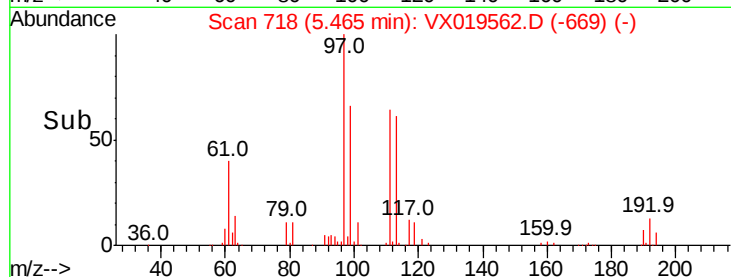
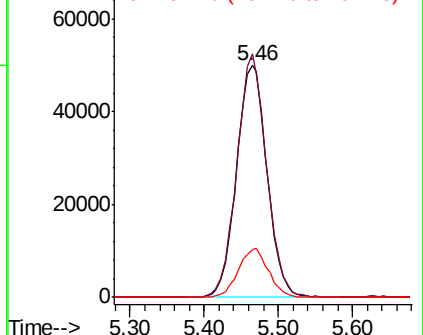
192 20.6 16.2 24.2



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: 48.949 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

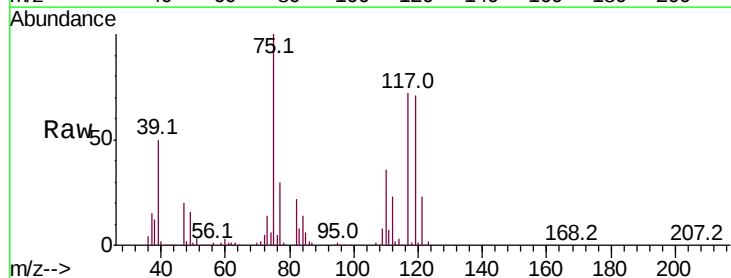
Tgt Ion: 75 Resp: 213889

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.3

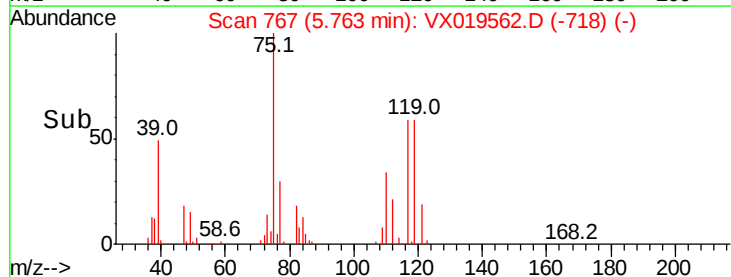
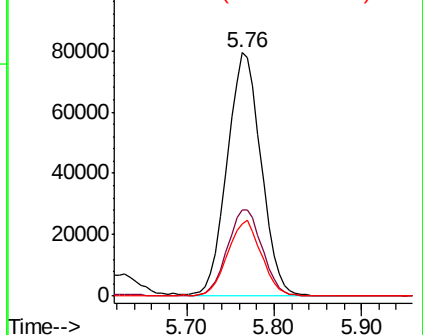
77 31.1 24.2 36.4

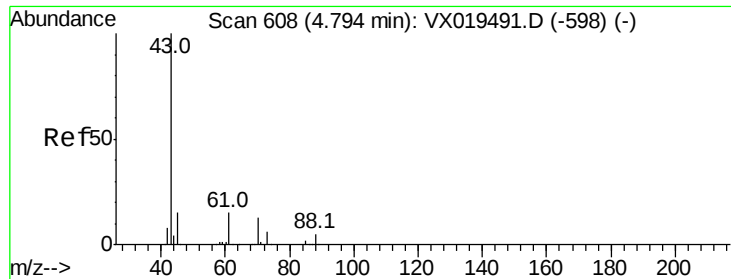


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

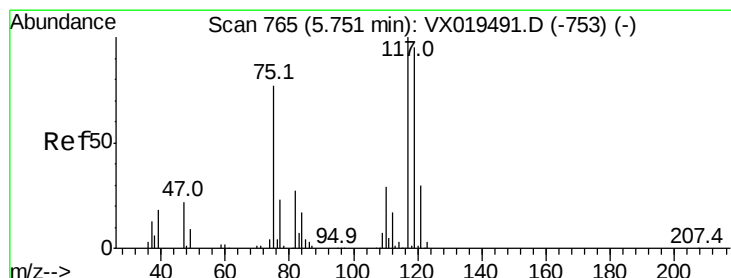
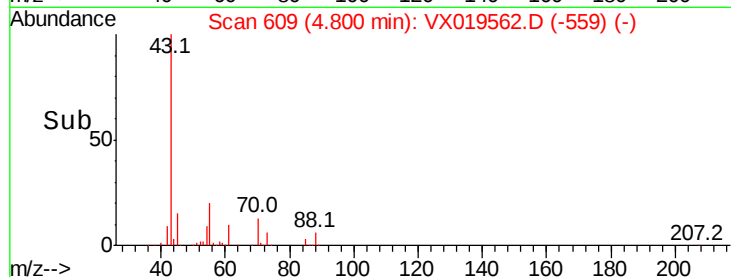
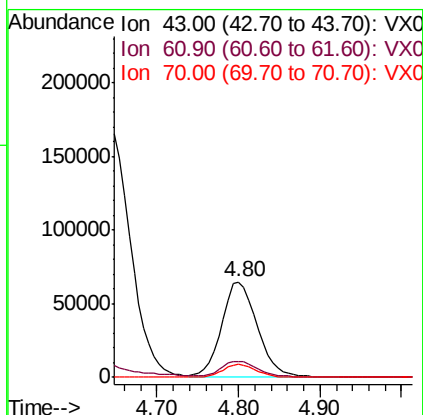
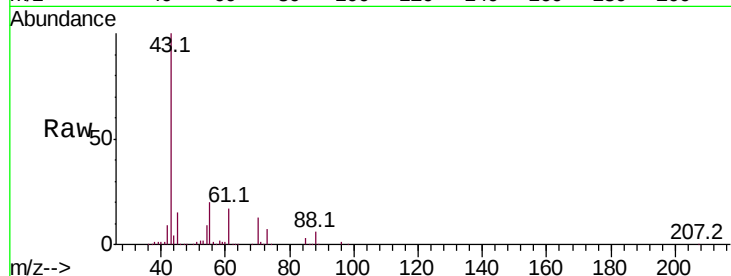




#37
Ethyl Acetate
Concen: 47.377 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

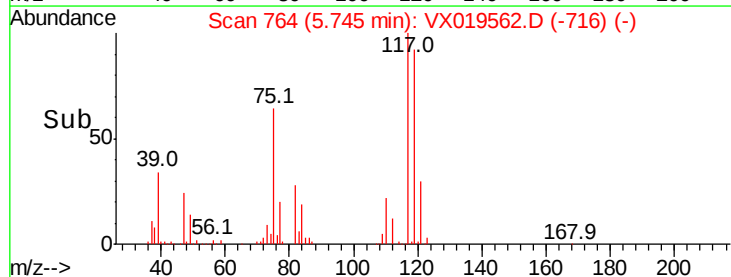
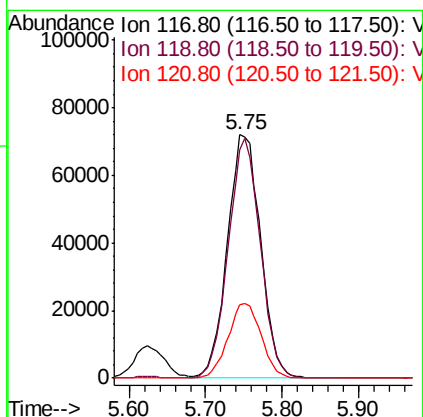
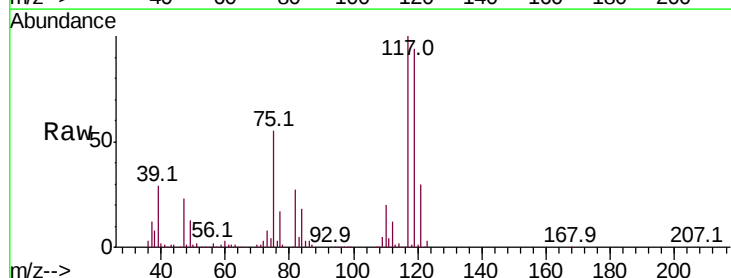
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

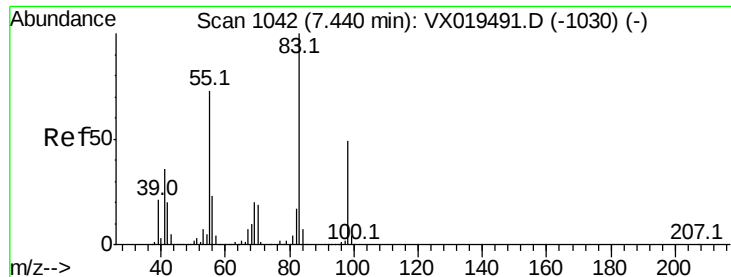
Tot Ion: 43 Resp: 194351
Ion Ratio Lower Upper
43 100
61 0.0 12.7 19.1#
70 13.3 10.2 15.2



#38
Carbon Tetrachloride
Concen: 51.106 ug/l
RT: 5.75 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 117 Resp: 216154
Ion Ratio Lower Upper
117 100
119 93.7 75.9 113.9
121 30.0 24.0 36.0

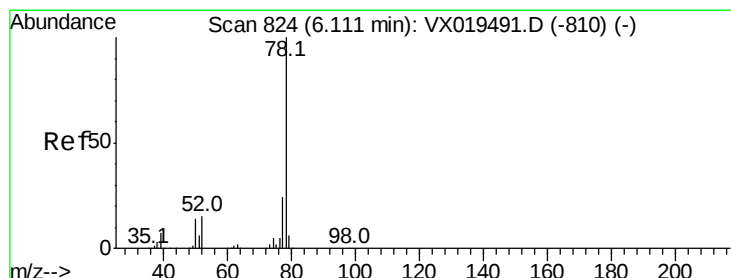
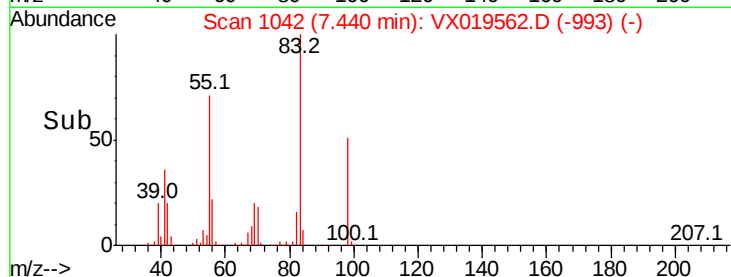
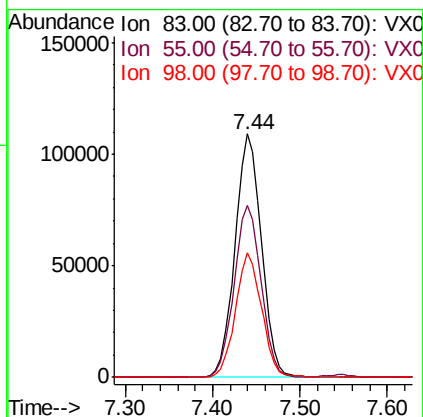
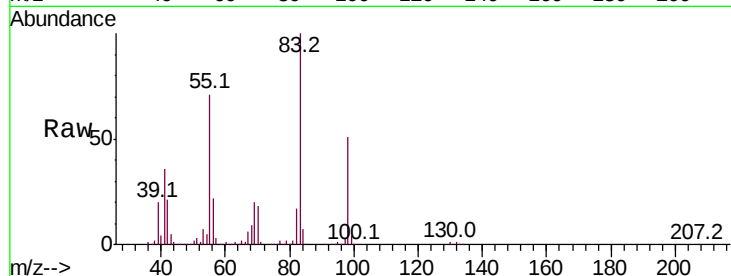




#39
Methvlcvclohexane
Concen: 45.205 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

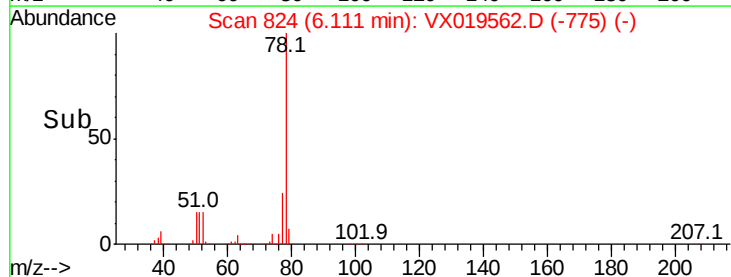
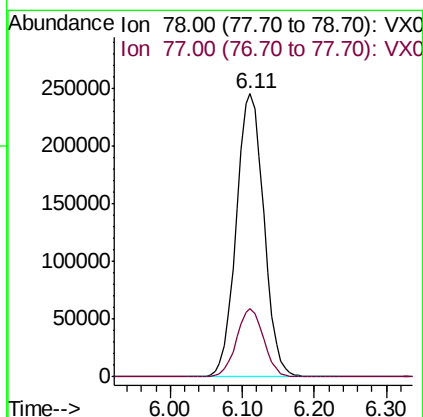
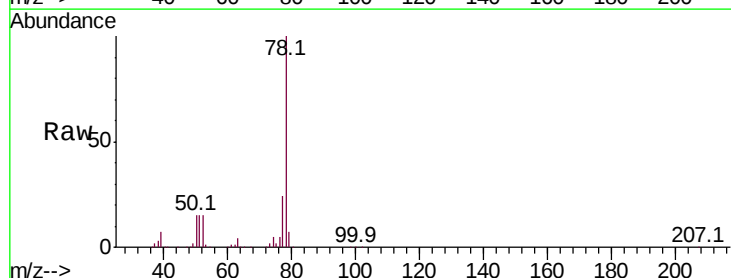
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

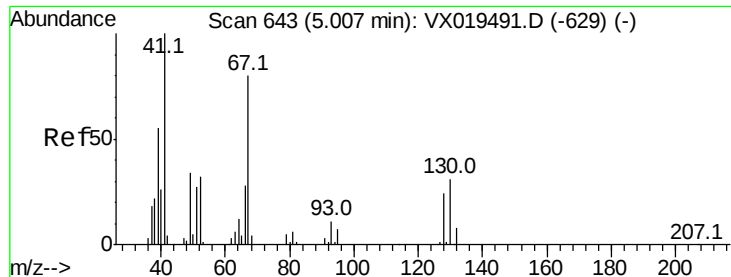
Tot Ion	83	Resp	229997
Ion Ratio	Lower	Upper	
83	100		
55	70.7	58.3	87.5
98	51.1	38.9	58.3



#40
Benzene
Concen: 48.544 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	78	Resp	651745
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.9	28.3

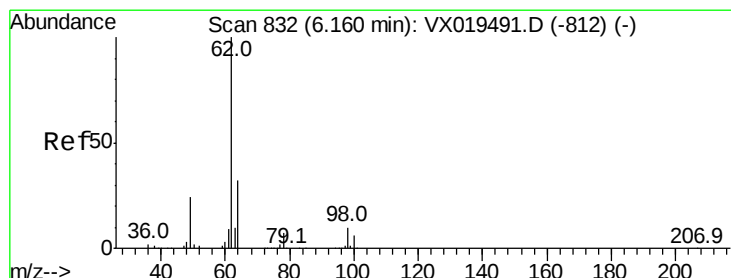
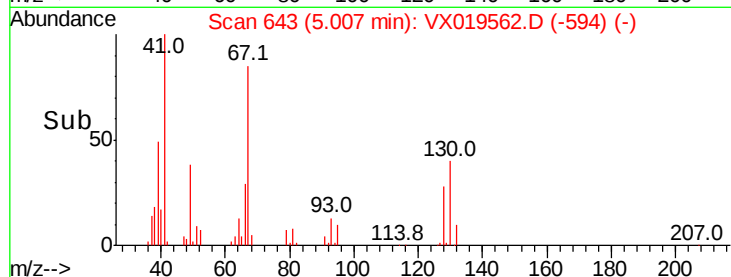
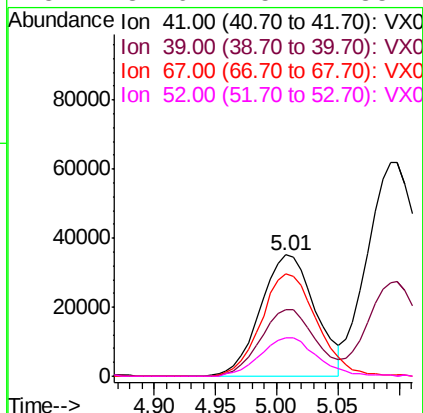
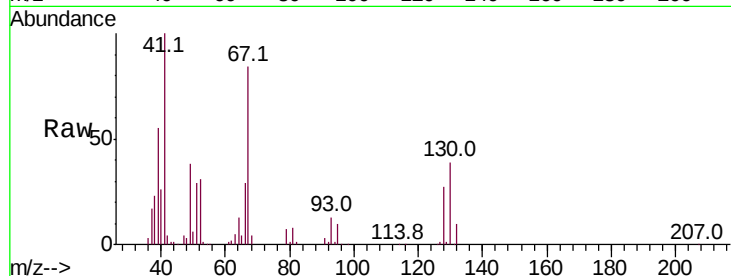




#41
Methacrylonitrile
Concen: 48.372 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

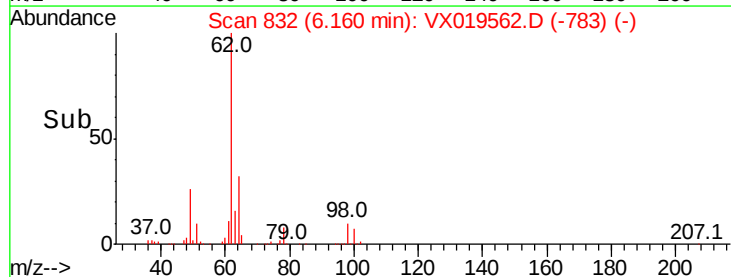
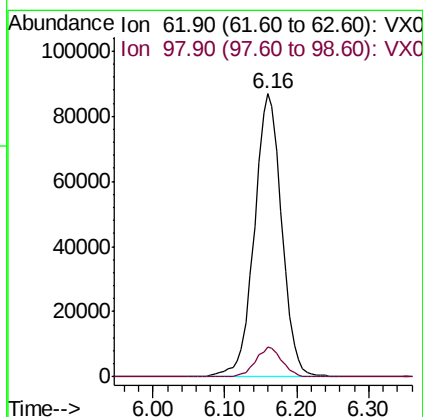
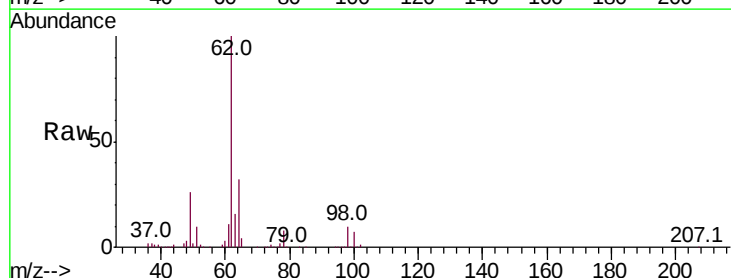
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

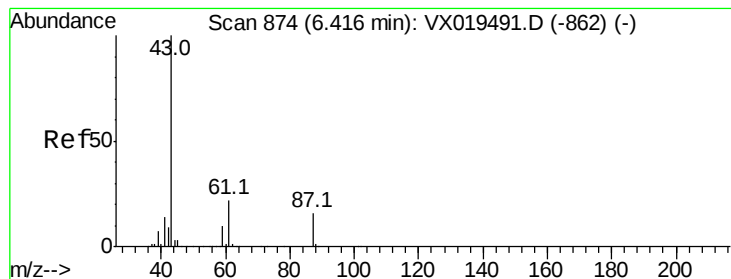
Tot Ion:	41	Resp:	109425
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.3	64.9
67	86.1	66.0	99.0
52	32.6	25.4	38.2



#42
1,2-Dichloroethane
Concen: 49.821 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion:	62	Resp:	229263
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



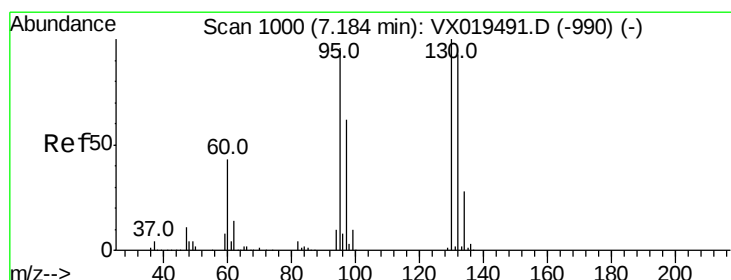
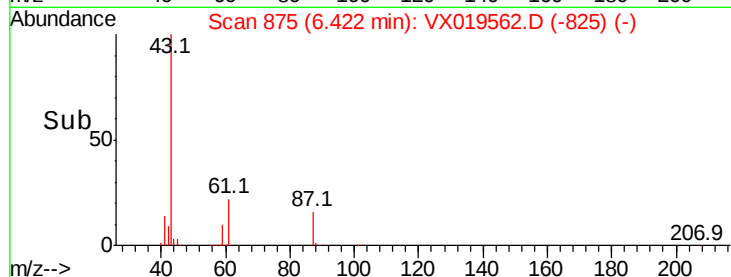
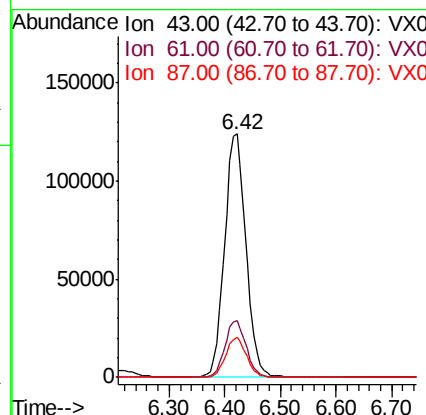
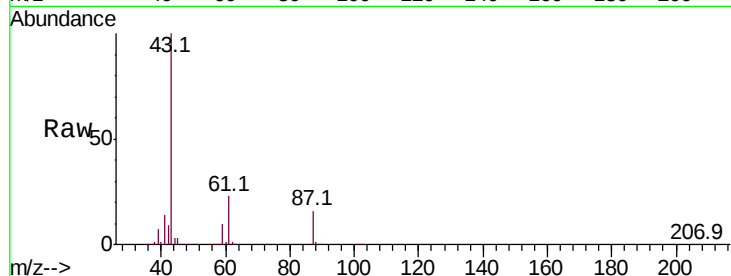


#43

Isopropyl Acetate
 Concen: 47.595 ug/l
 RT: 6.42 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

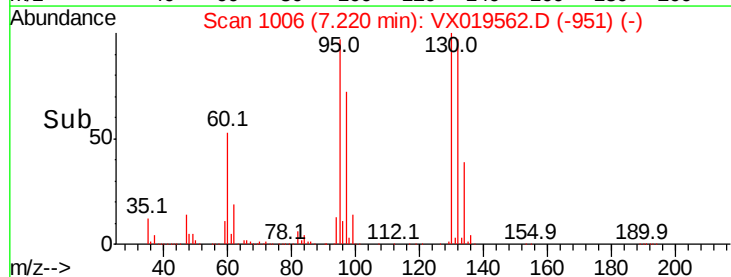
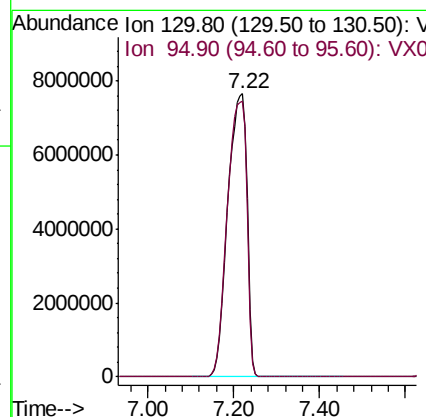
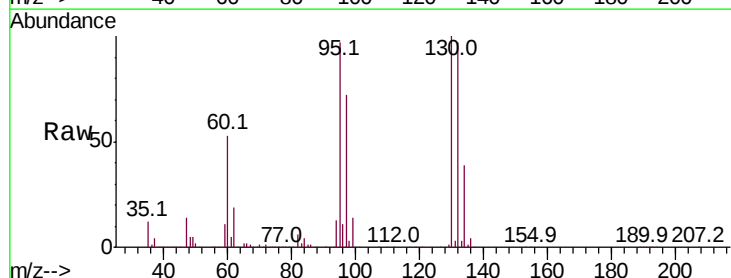
Tot Ion: 43 Resp: 328207
 Ion Ratio Lower Upper
 43 100
 61 23.2 18.2 27.2
 87 16.1 12.6 18.8

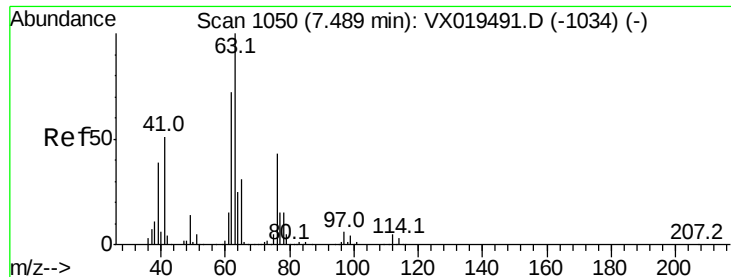


#44

Trichloroethene
 Concen: 6935.512 ug/l
 RT: 7.22 min Scan# 1006
 Delta R.T. 0.04 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion:130 Resp:24390318
 Ion Ratio Lower Upper
 130 100
 95 97.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 47.365 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

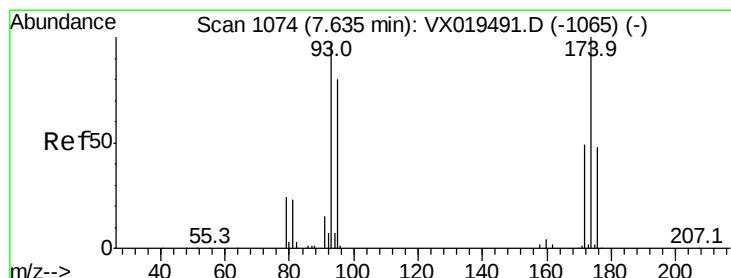
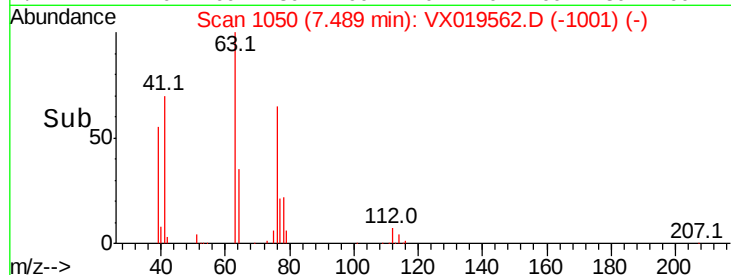
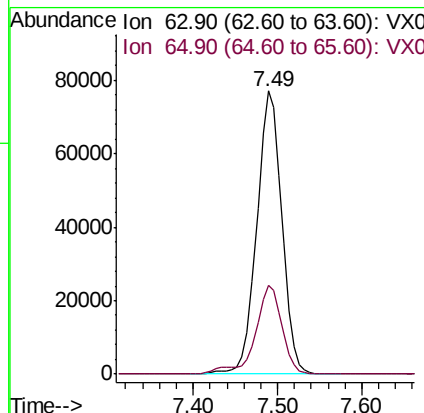
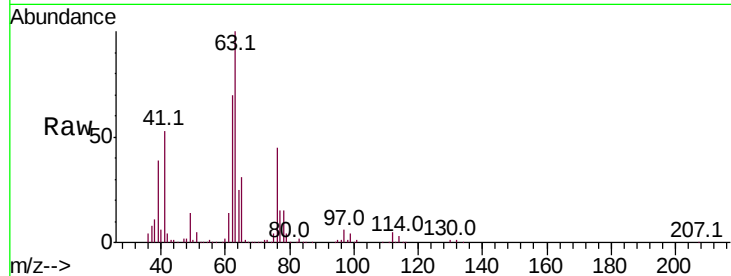
56BR-20201118MS

Tot Ion: 63 Resp: 156549

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



#46

Dibromomethane

Concen: 49.929 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

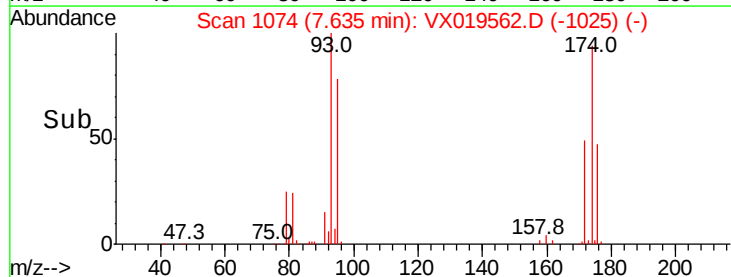
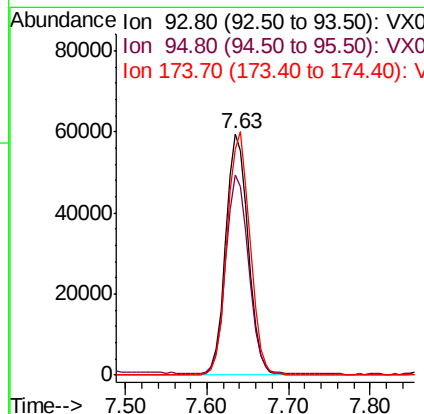
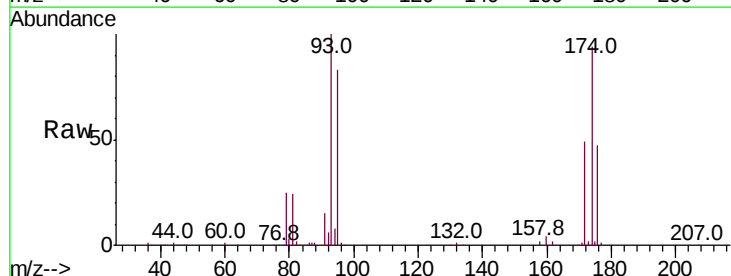
Tgt Ion: 93 Resp: 112946

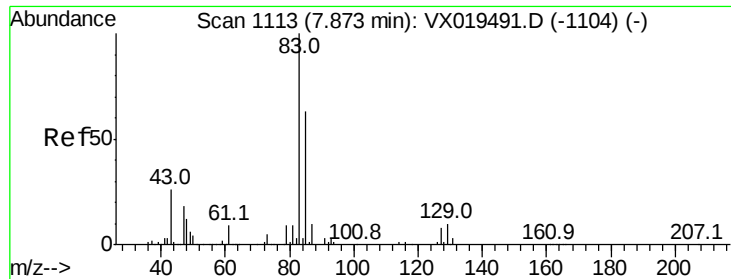
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 102.1 83.0 124.4





#47

Bromodichloromethane

Concen: 51.303 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

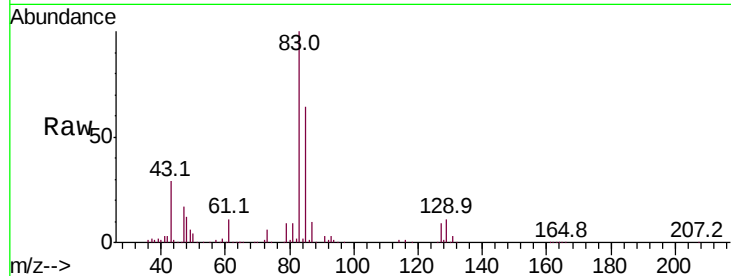
Tot Ion: 83 Resp: 225201

Ion Ratio Lower Upper

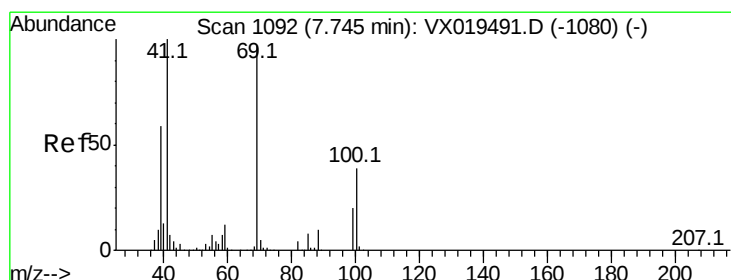
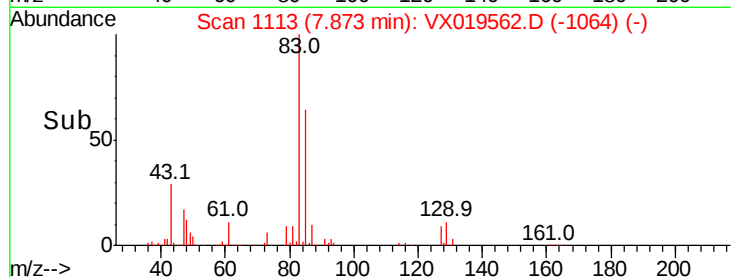
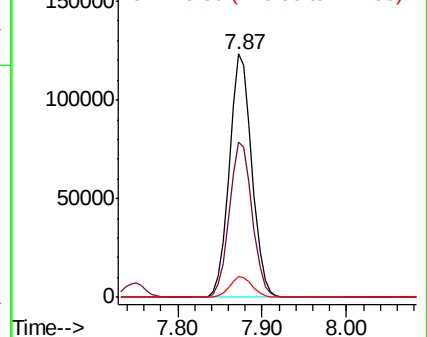
83 100

85 63.8 50.2 75.2

127 8.6 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): V



#48

Methyl methacrylate

Concen: 50.730 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

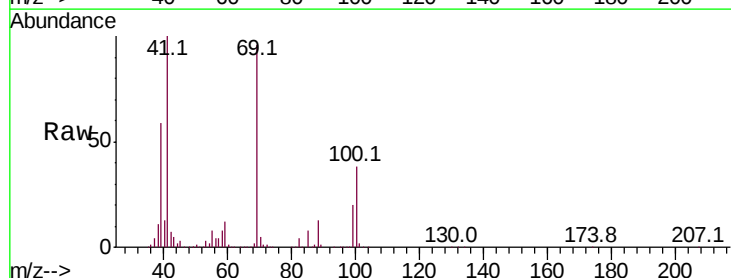
Tgt Ion: 41 Resp: 163832

Ion Ratio Lower Upper

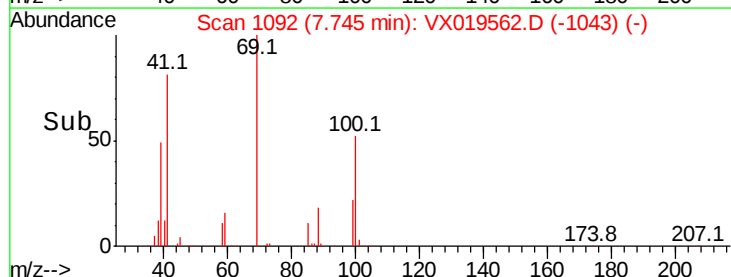
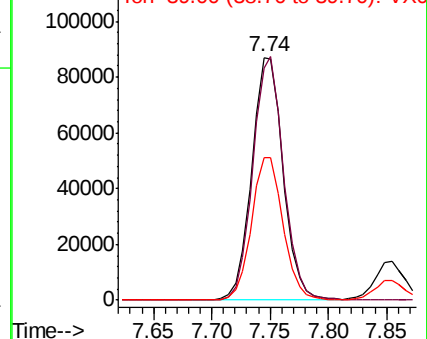
41 100

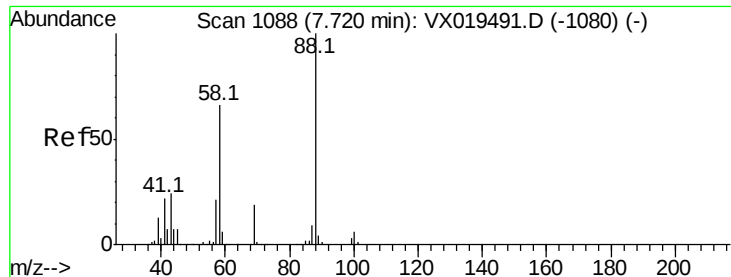
69 98.0 77.0 115.6

39 58.8 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

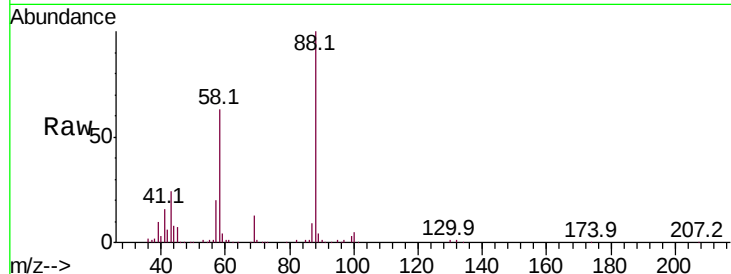




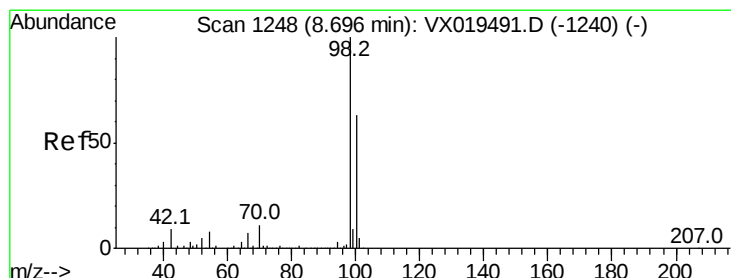
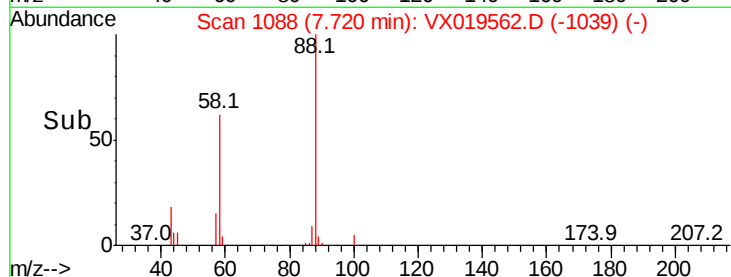
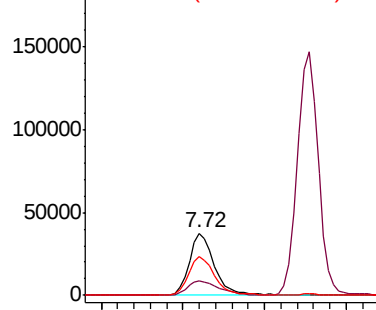
#49
1,4-Dioxane
Concen: 1103.773 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion: 88 Resp: 80936
Ion Ratio Lower Upper
88 100
43 28.3 23.8 35.6
58 65.0 54.2 81.2

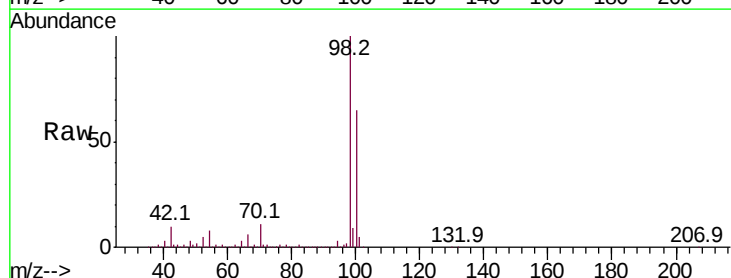


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

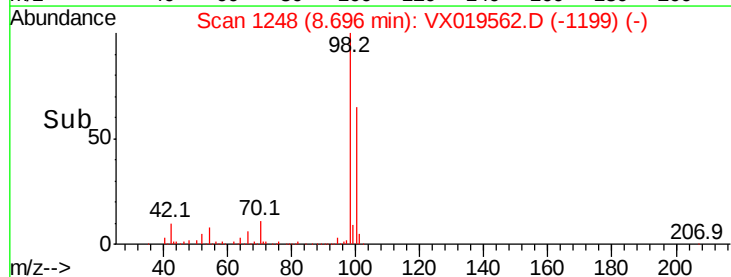
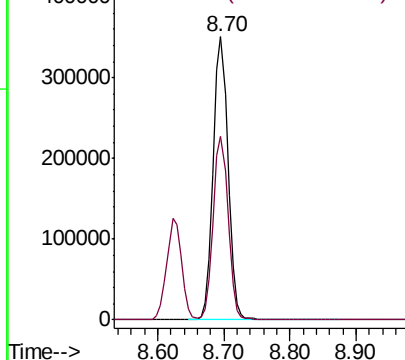


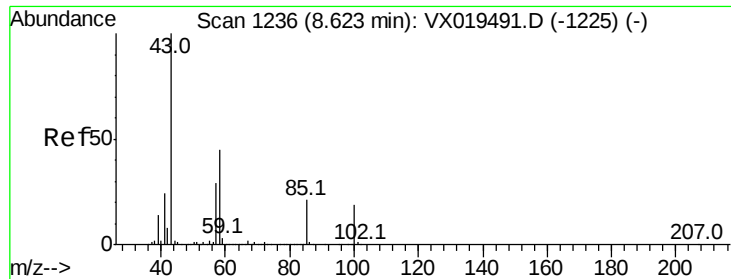
#50
Toluene-d8
Concen: 47.642 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 98 Resp: 541641
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

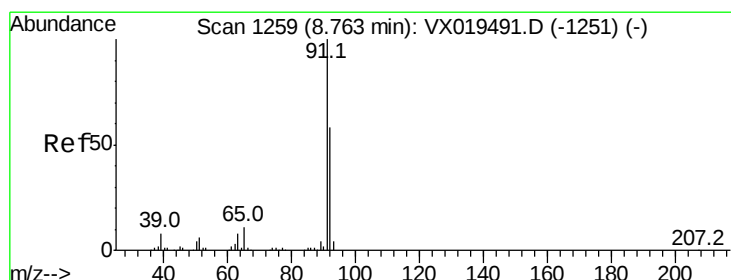
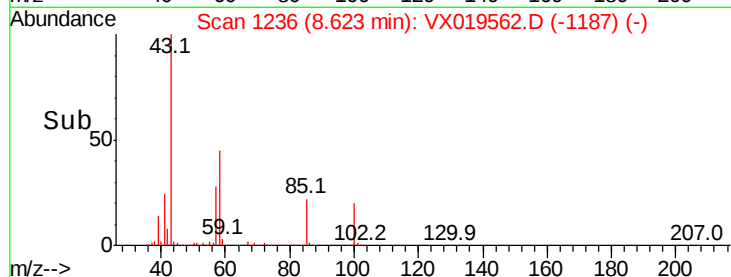
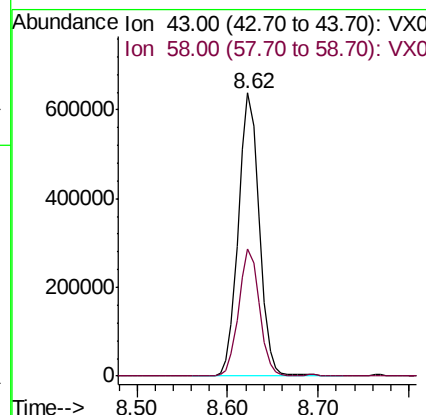
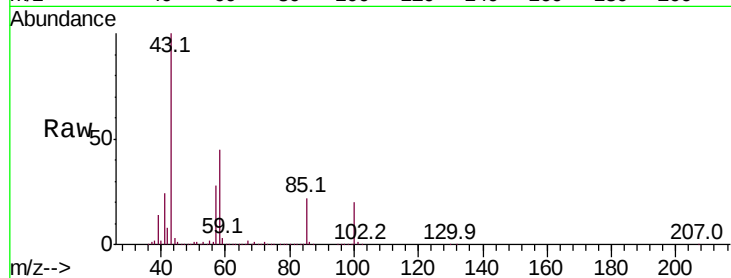




#51
 4-Methyl-2-Pentanone
 Concen: 254.591 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

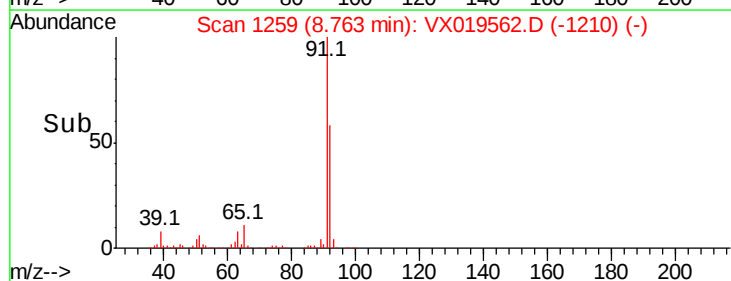
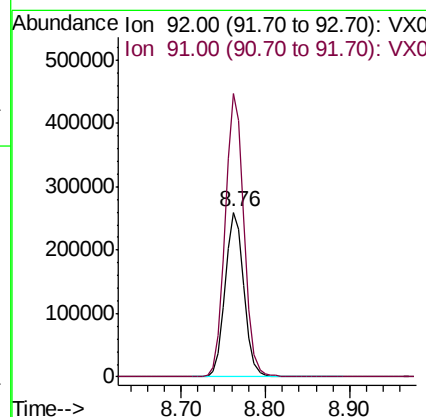
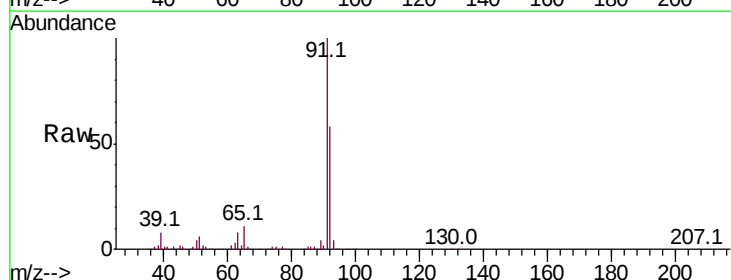
Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

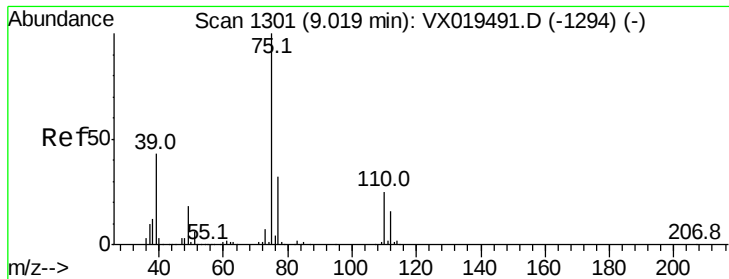
Tot Ion: 43 Resp: 1023751
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.1 52.7



#52
 Toluene
 Concen: 48.830 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion: 92 Resp: 401049
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 51.367 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

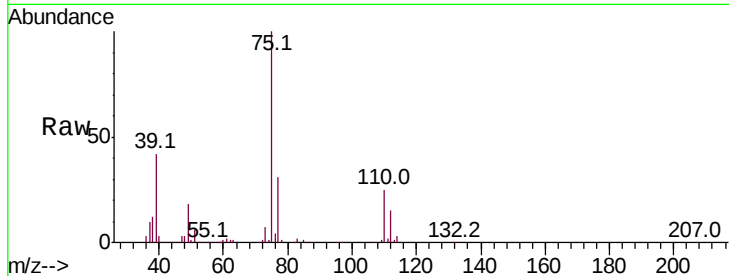
56BR-20201118MS

Tot Ion: 75 Resp: 243517

Ion Ratio Lower Upper

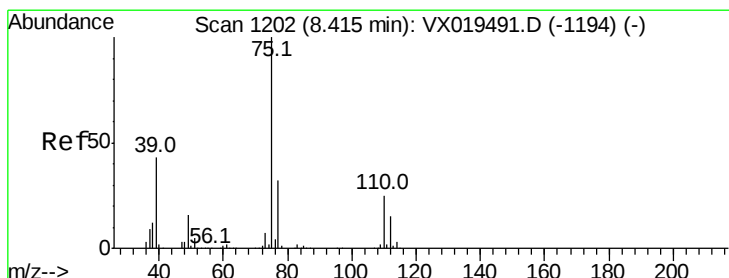
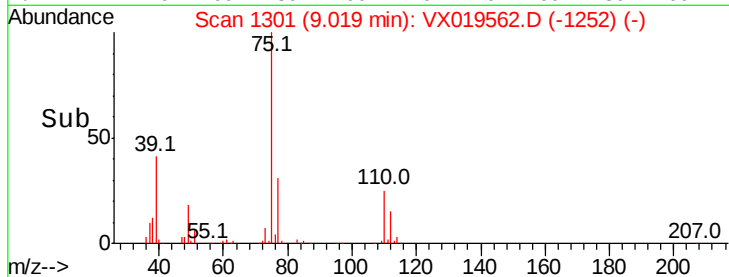
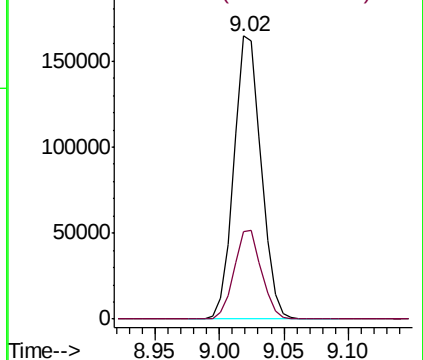
75 100

77 31.1 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.010 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

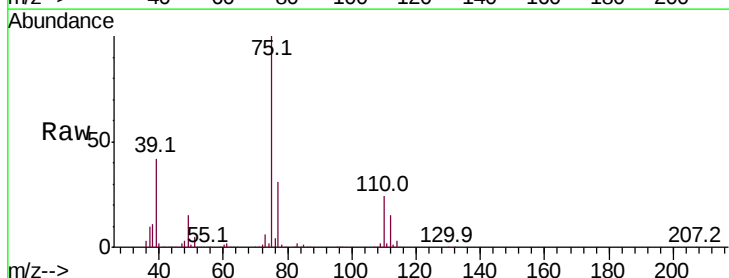
Tgt Ion: 75 Resp: 263103

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

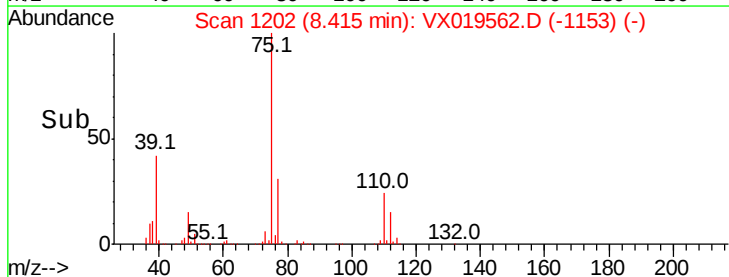
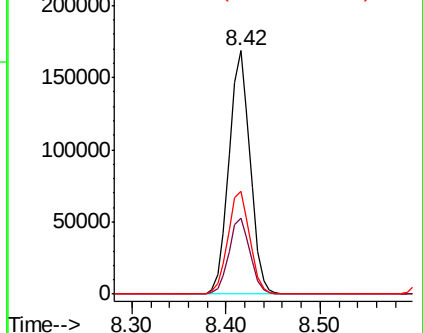
39 41.9 34.6 51.8

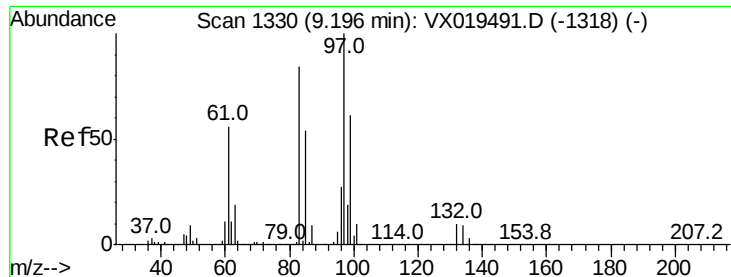


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

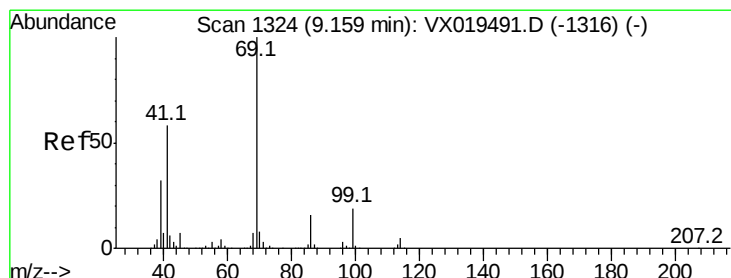
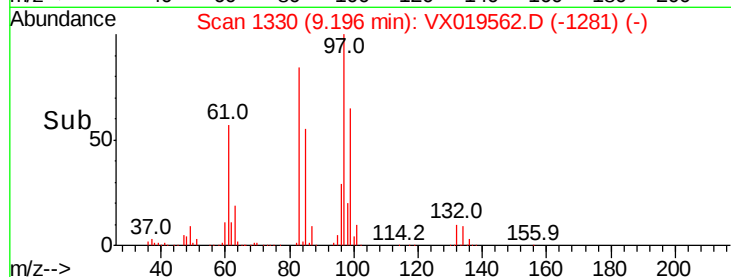
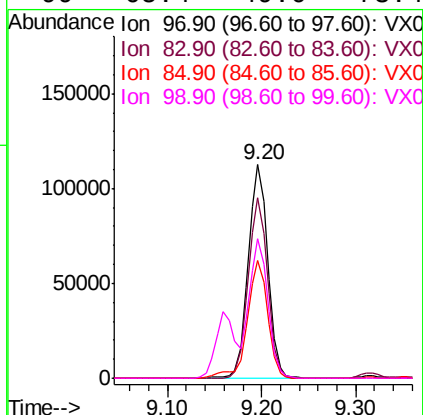
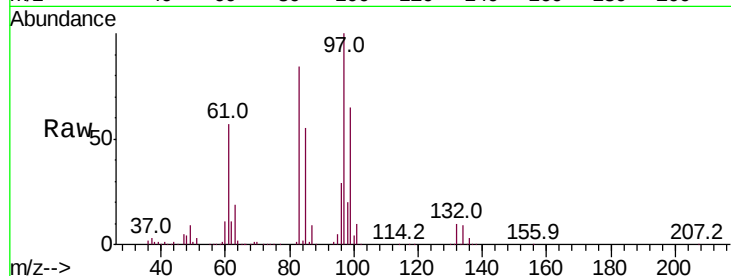




#55
 1,1,2-Trichloroethane
 Concen: 49.213 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

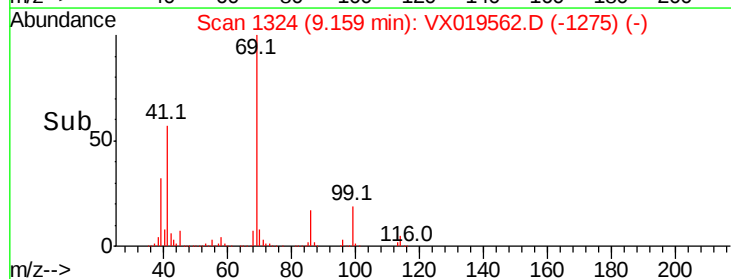
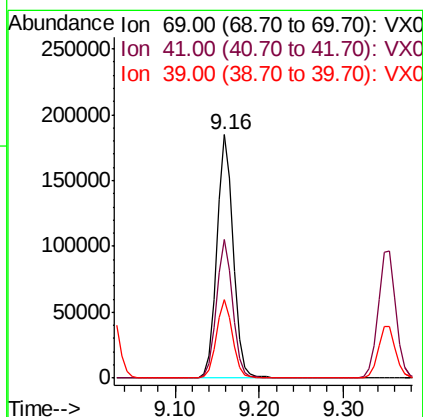
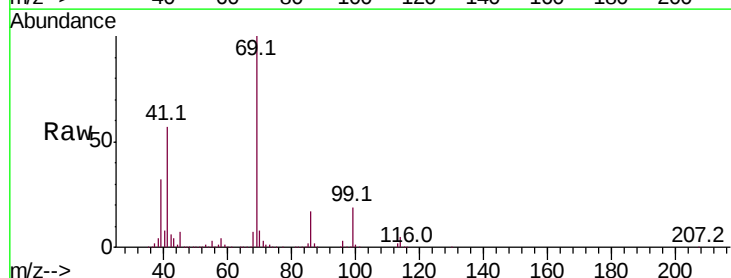
Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

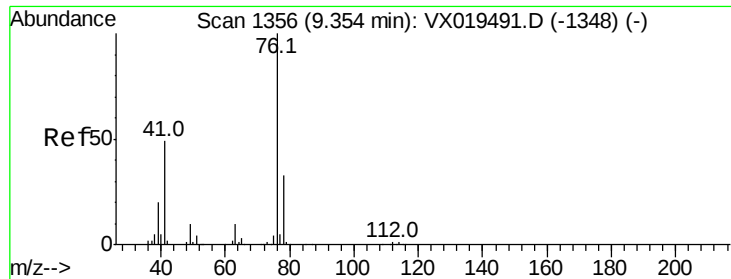
Tot Ion:	97	Resp:	164613
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.0	100.6
85	55.1	43.4	65.0
99	65.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 52.639 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion:	69	Resp:	249145
Ion	Ratio	Lower	Upper
69	100		
41	56.4	46.2	69.2
39	31.9	25.5	38.3





#57

1,3-Dichloropropane

Concen: 49.327 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

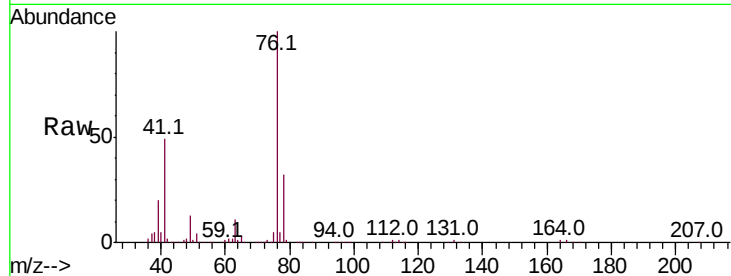
56BR-20201118MS

Tot Ion: 76 Resp: 276241

Ion Ratio Lower Upper

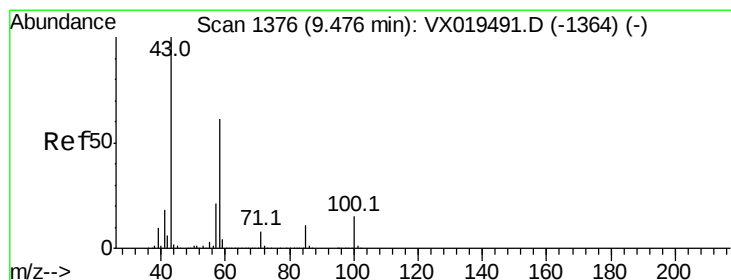
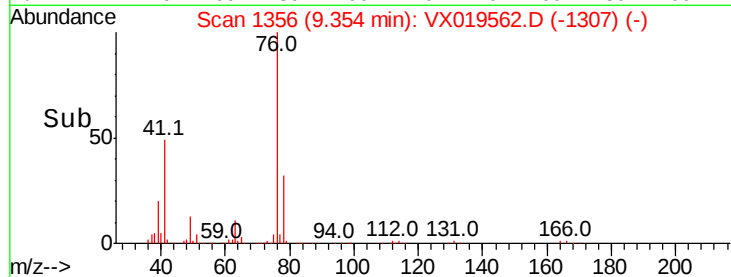
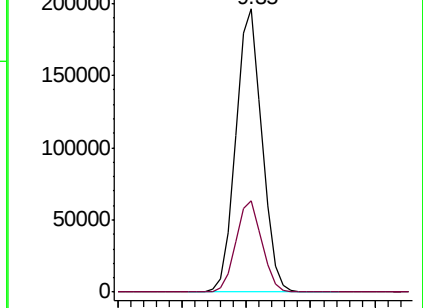
76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 258.727 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX019562.D

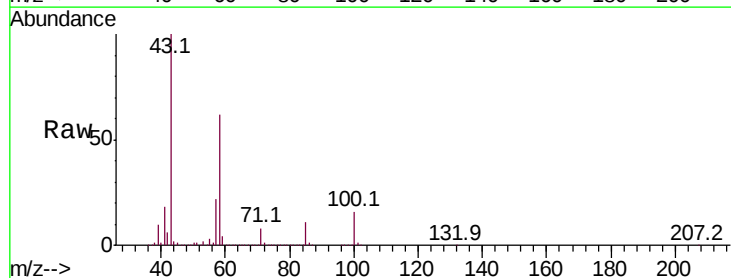
Acq: 23 Nov 2020 19:46

Tgt Ion: 43 Resp: 789048

Ion Ratio Lower Upper

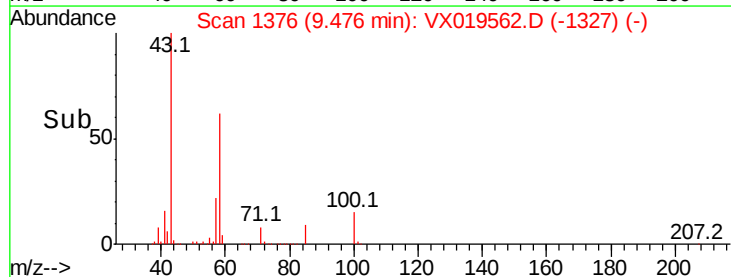
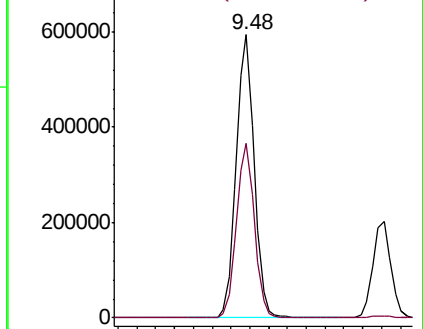
43 100

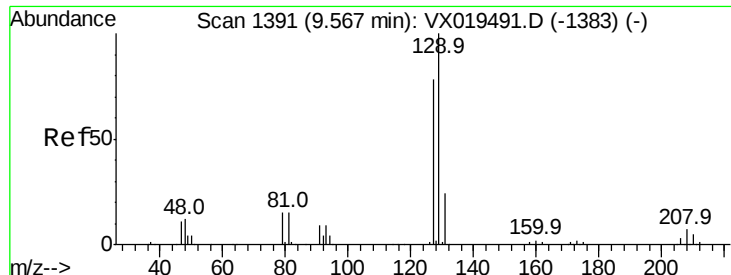
58 61.7 30.6 91.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.165 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

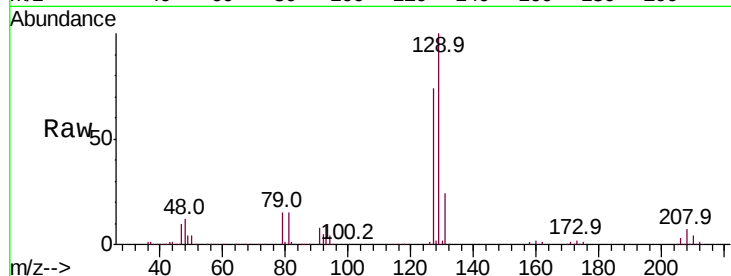
56BR-20201118MS

Tot Ion:129 Resp: 170910

Ion Ratio Lower Upper

129 100

127 76.2 39.0 116.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

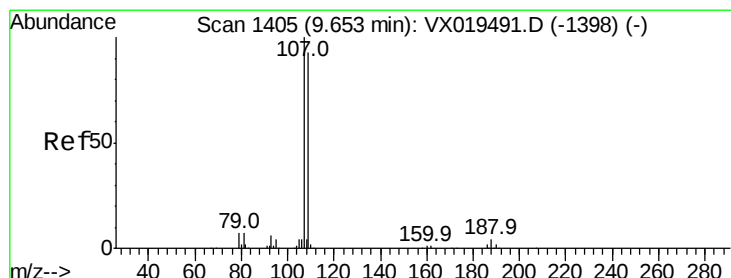
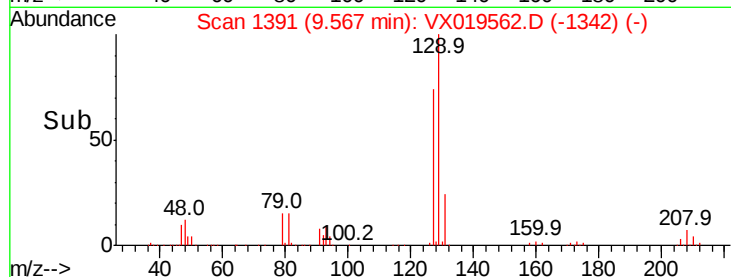
9.57

100000

50000

0

Time--> 9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 50.732 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019562.D

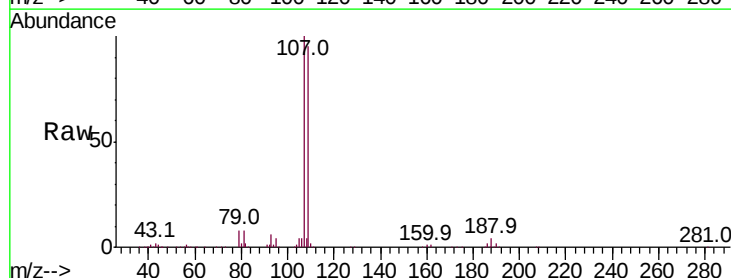
Acq: 23 Nov 2020 19:46

Tgt Ion:107 Resp: 174920

Ion Ratio Lower Upper

107 100

109 93.7 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

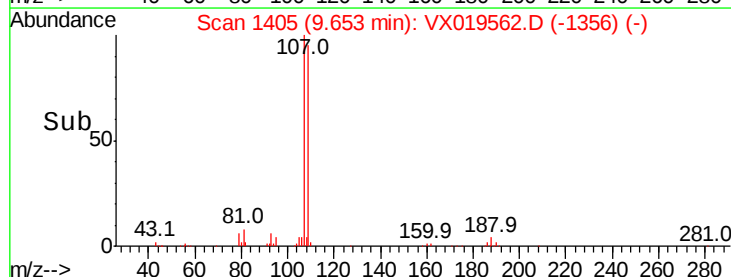
150000

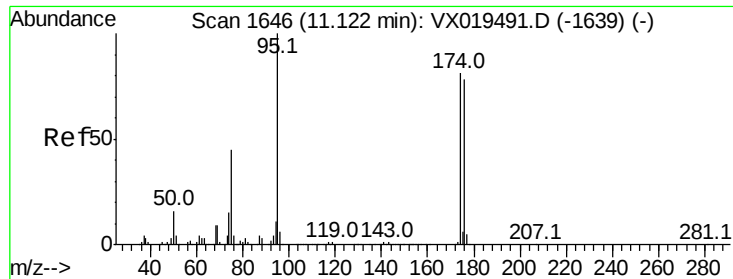
100000

50000

0

Time--> 9.60 9.70 9.80

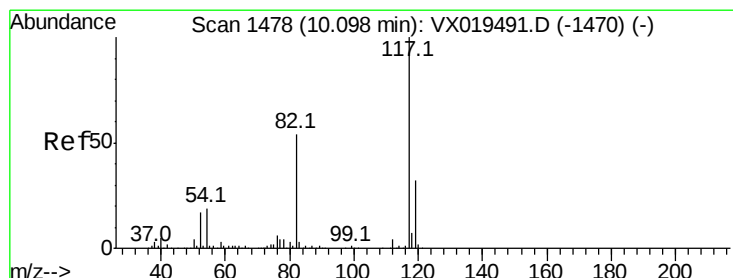
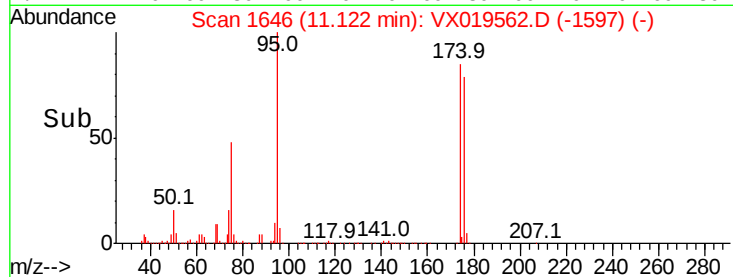
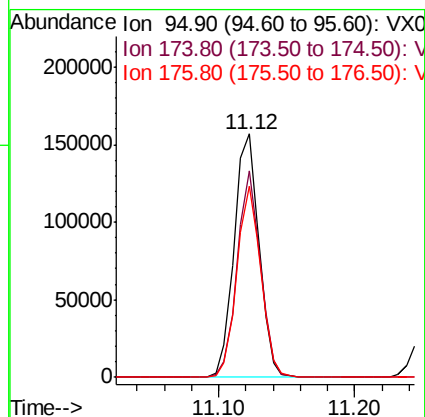
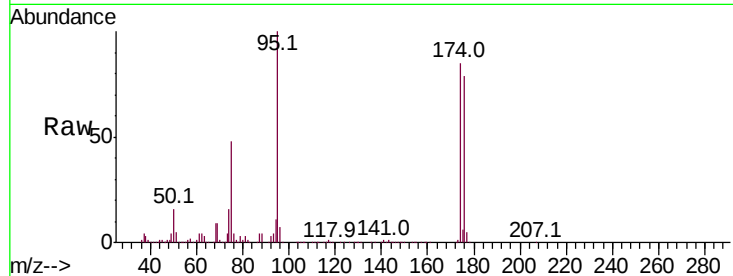




#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

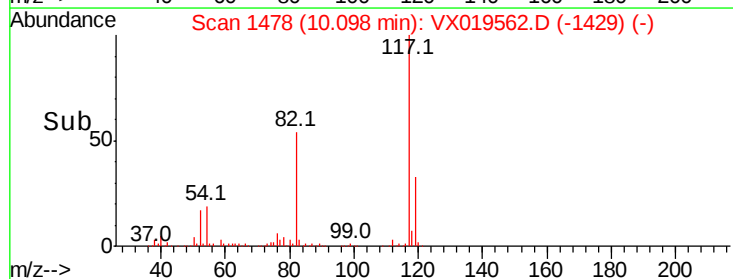
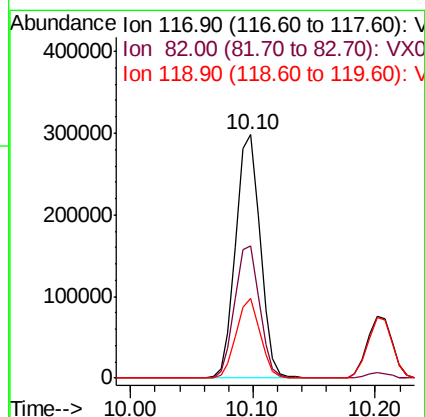
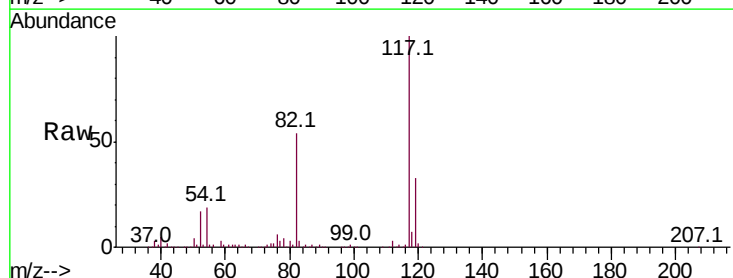
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

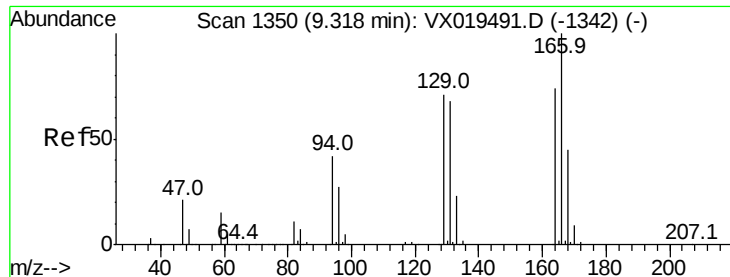
Tot Ion: 95 Resp: 200064
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.2
176 75.5 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 117 Resp: 412089
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.6 25.6 38.4

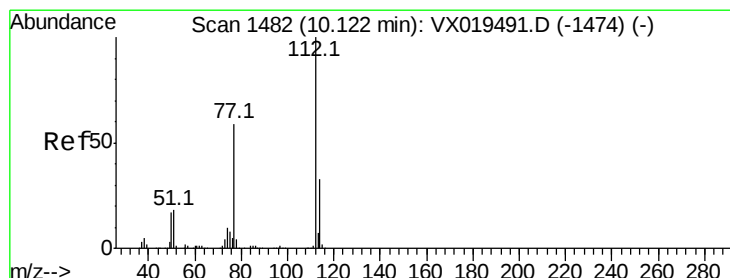
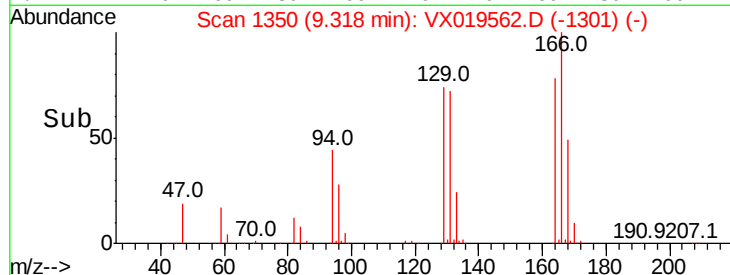
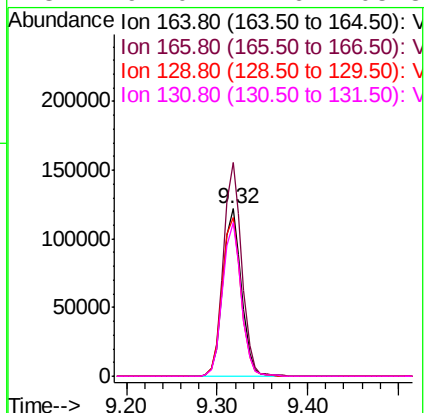
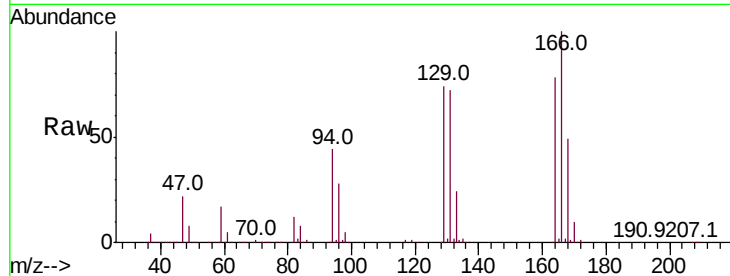




#64
Tetrachloroethene
Concen: 53.604 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

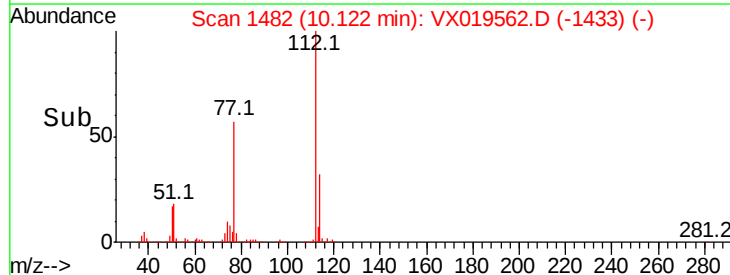
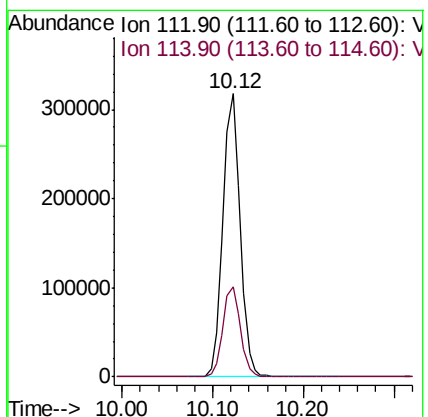
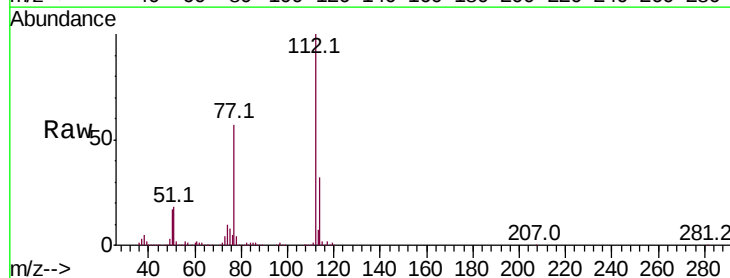
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

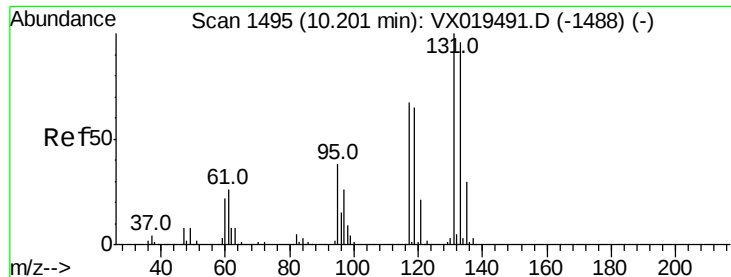
Tot Ion:164 Resp: 173635
Ion Ratio Lower Upper
164 100
166 127.8 107.4 161.0
129 95.0 76.6 114.8
131 92.0 72.6 108.8



#65
Chlorobenzene
Concen: 49.892 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion:112 Resp: 422721
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 52.086 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

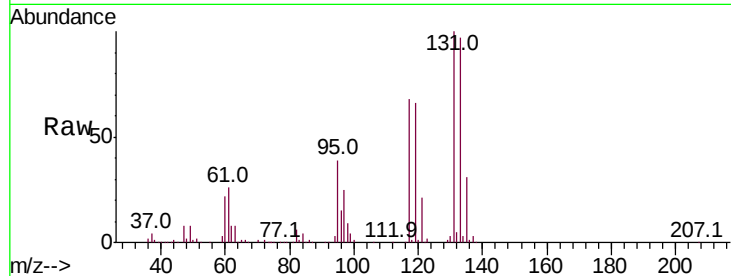
Tot Ion:131 Resp: 160521

Ion Ratio Lower Upper

131 100

133 95.6 48.5 145.5

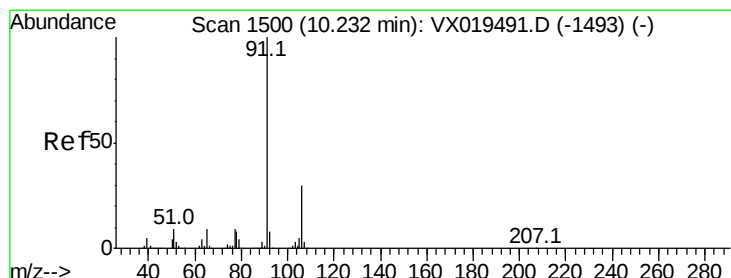
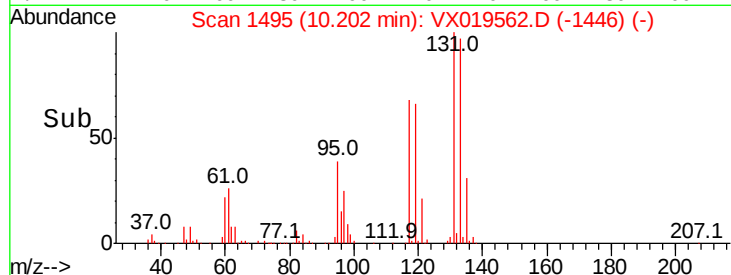
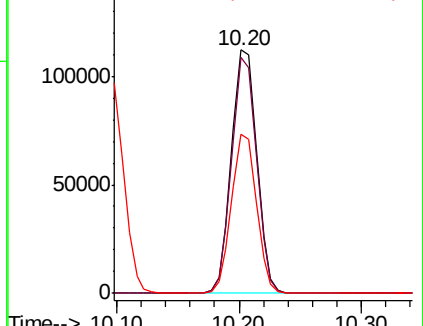
119 64.7 33.0 99.0



Abundance Ion 130.80 (130.50 to 131.50): V

150000 Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.468 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019562.D

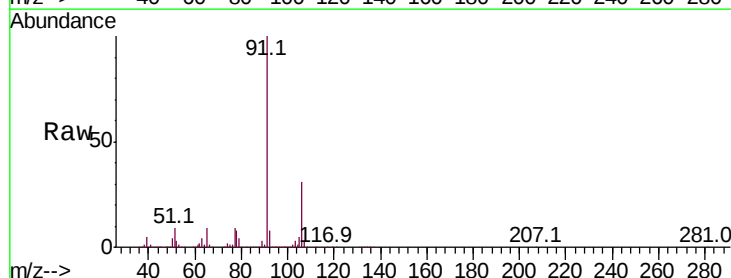
Acq: 23 Nov 2020 19:46

Tgt Ion: 91 Resp: 749089

Ion Ratio Lower Upper

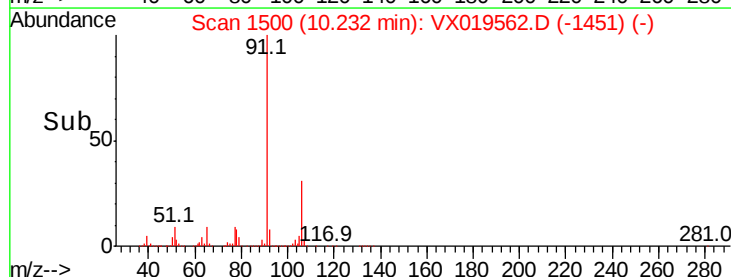
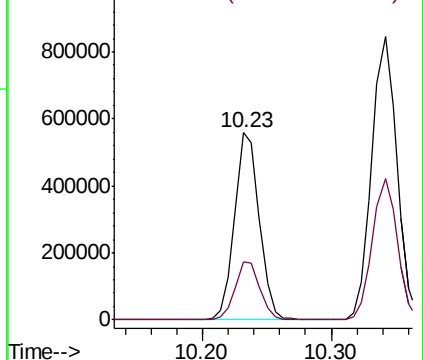
91 100

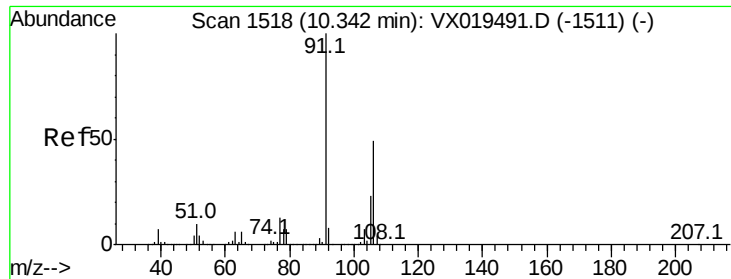
106 30.8 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

1000000 Ion 106.00 (105.70 to 106.70): V

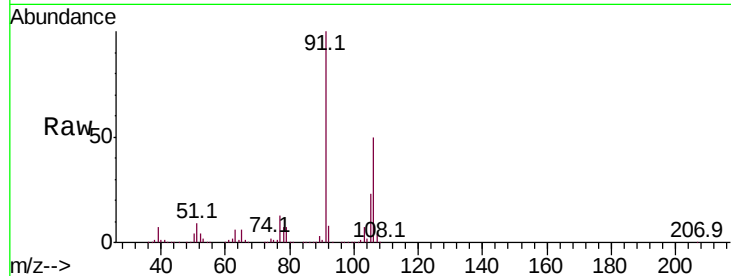




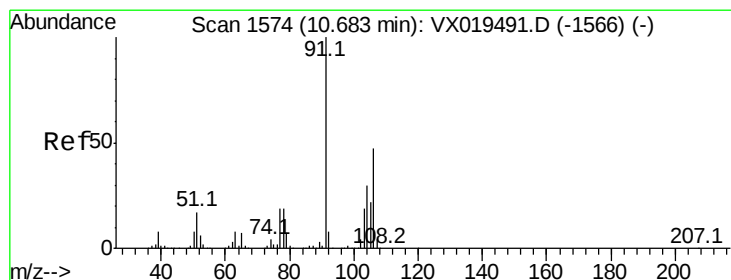
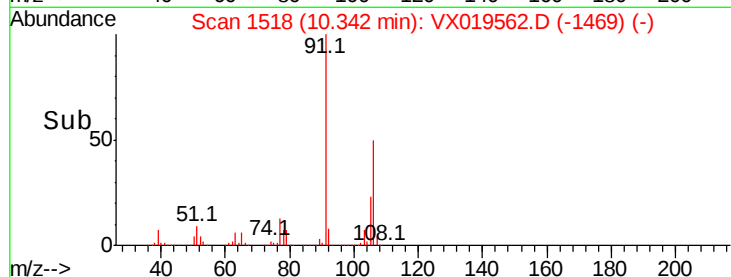
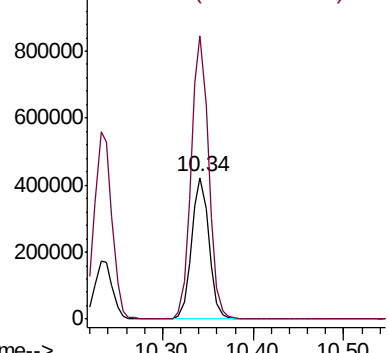
#68
m/p-Xylenes
Concen: 102.234 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion:106 Resp: 565338
Ion Ratio Lower Upper
106 100
91 201.7 163.3 244.9

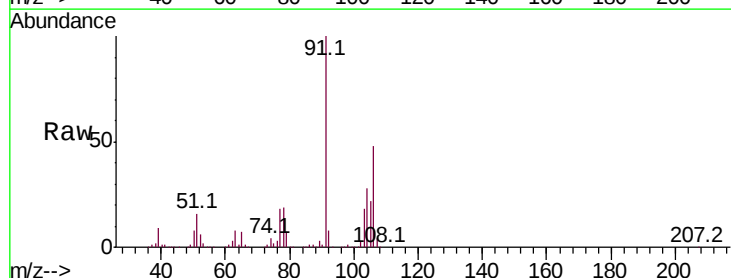


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

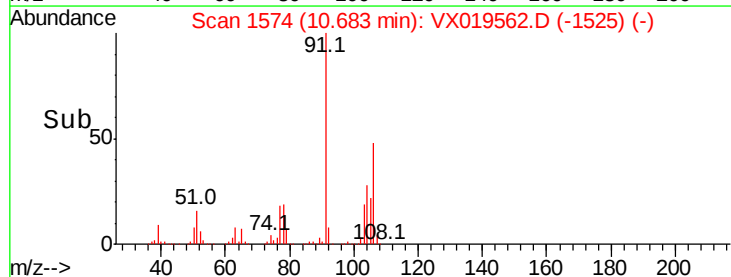
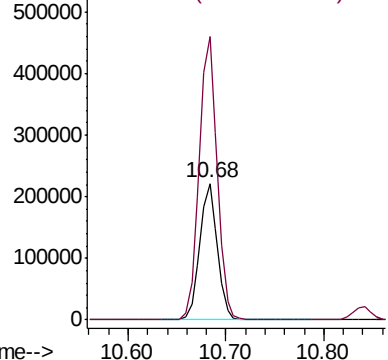


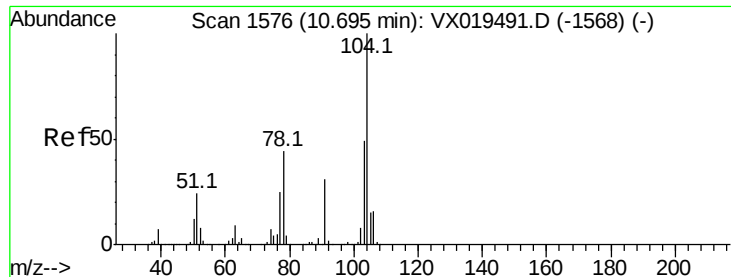
#69
o-Xylene
Concen: 52.228 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion:106 Resp: 276085
Ion Ratio Lower Upper
106 100
91 212.4 108.0 324.0



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

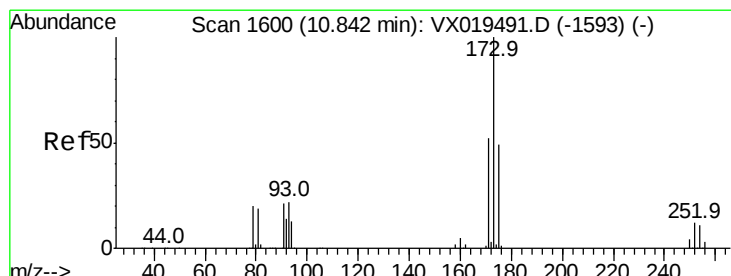
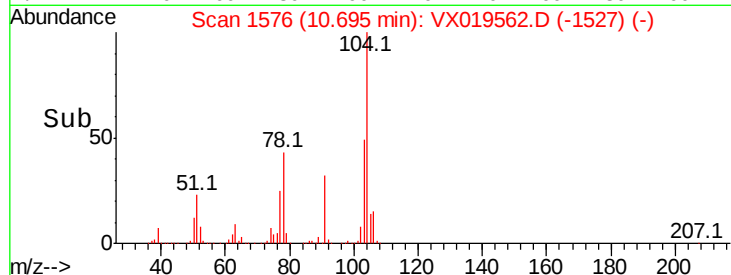
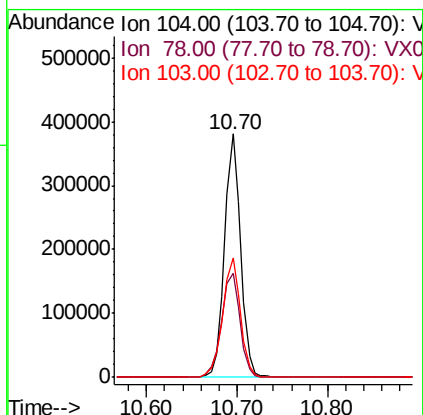
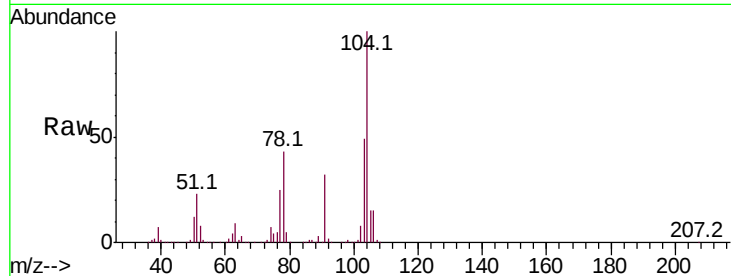




#70
Stvrene
Concen: 48.039 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

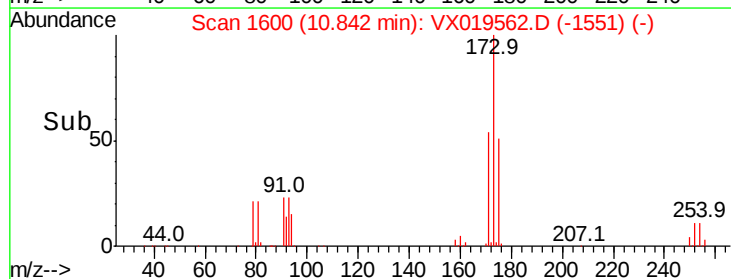
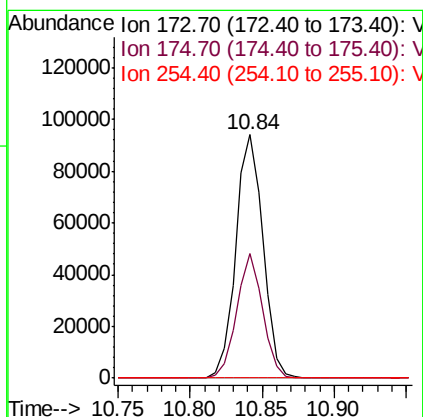
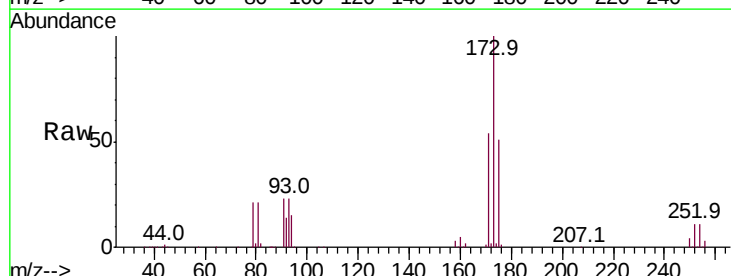
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

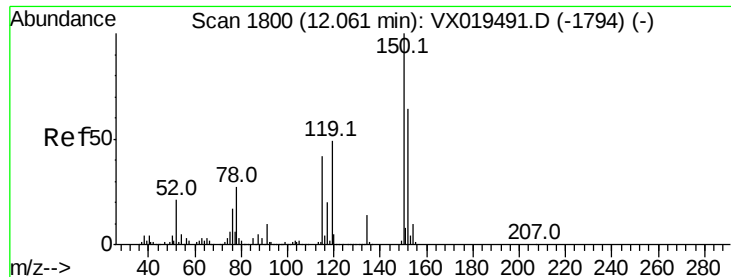
Tot Ion:104 Resp: 469411
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.0 43.6 65.4



#71
Bromoform
Concen: 47.541 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion:173 Resp: 123616
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.8
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

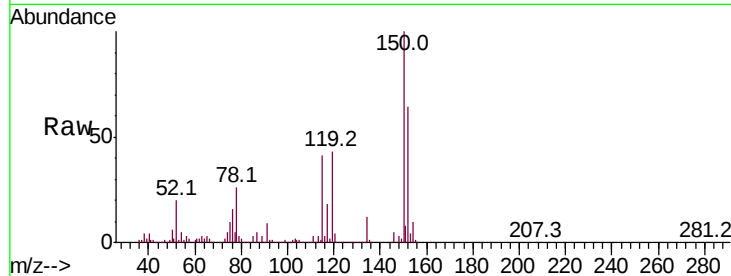
Tot Ion:152 Resp: 205570

Ion Ratio Lower Upper

152 100

115 81.6 41.8 125.4

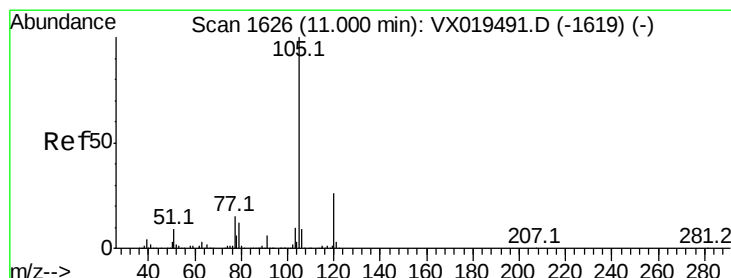
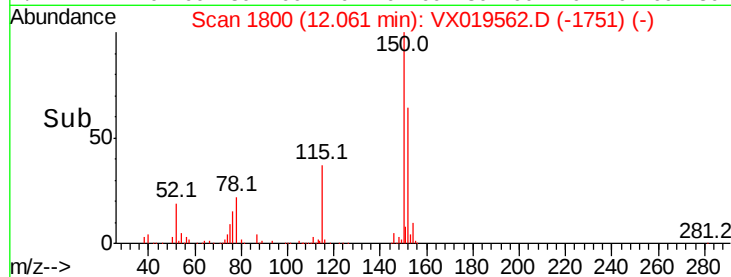
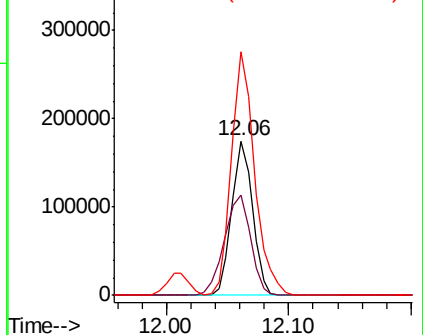
150 174.8 0.0 348.2



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: 51.303 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019562.D

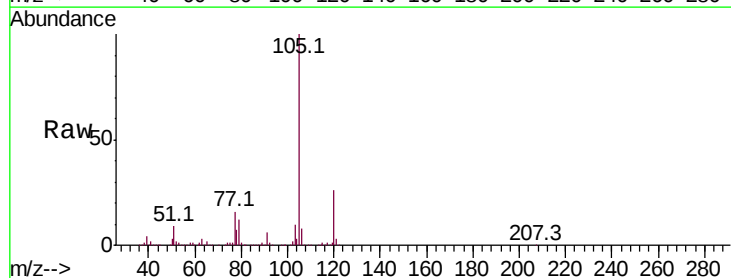
Acq: 23 Nov 2020 19:46

Tgt Ion:105 Resp: 729573

Ion Ratio Lower Upper

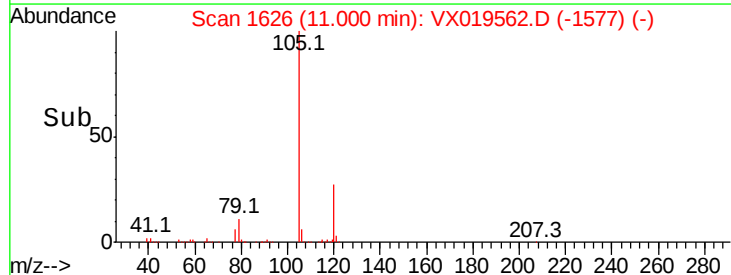
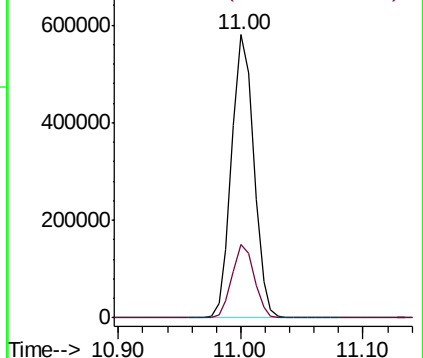
105 100

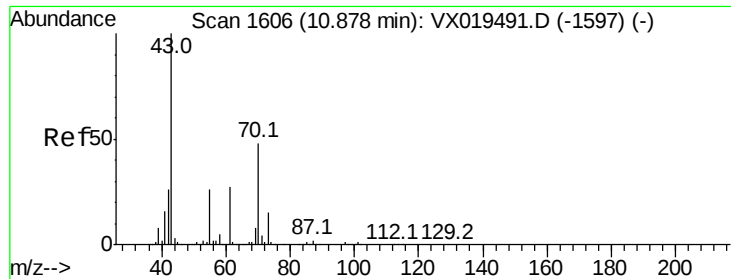
120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.120 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 43 Resp: 277736

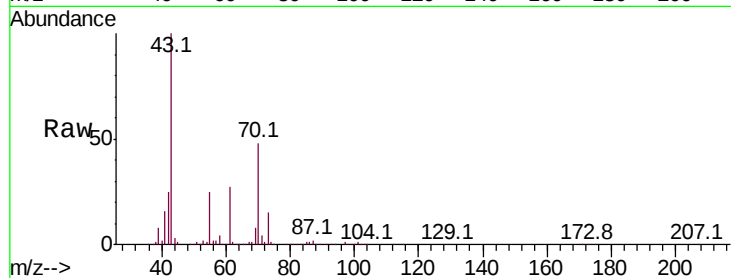
Ion Ratio Lower Upper

43 100

70 50.1 39.7 59.5

55 26.0 21.8 32.6

61 27.7 22.2 33.4

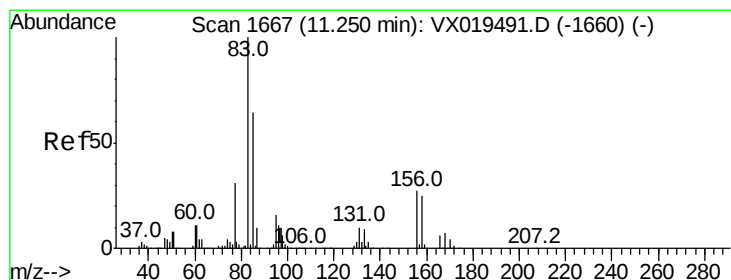
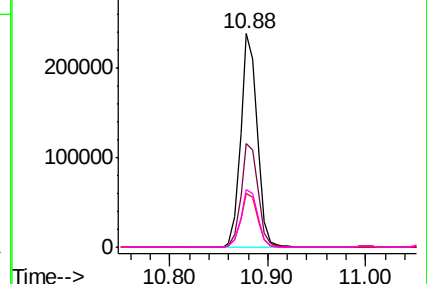
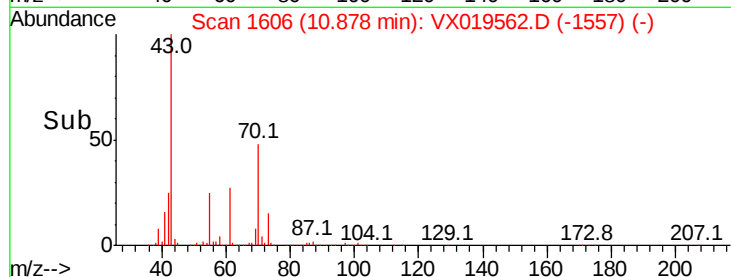


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.300 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

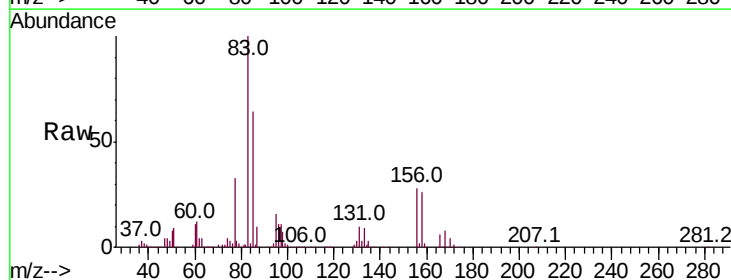
Tgt Ion: 83 Resp: 260888

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

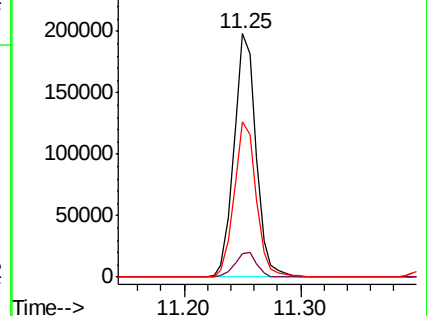
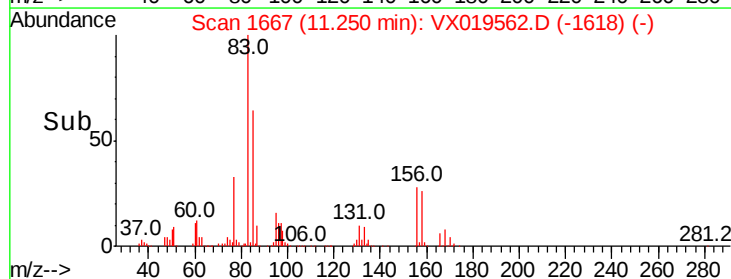
85 64.2 32.4 97.2

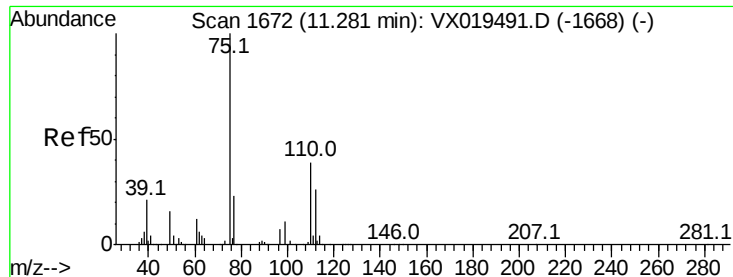


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 64.595 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

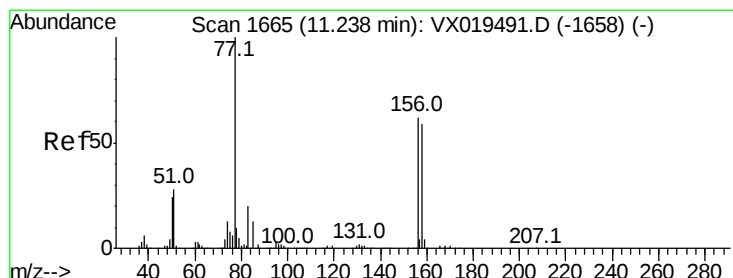
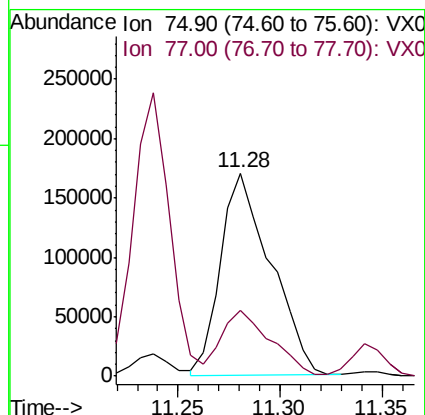
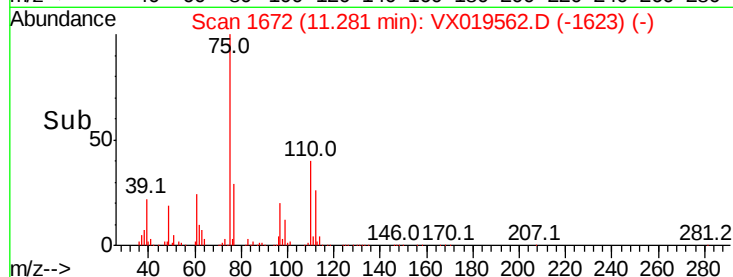
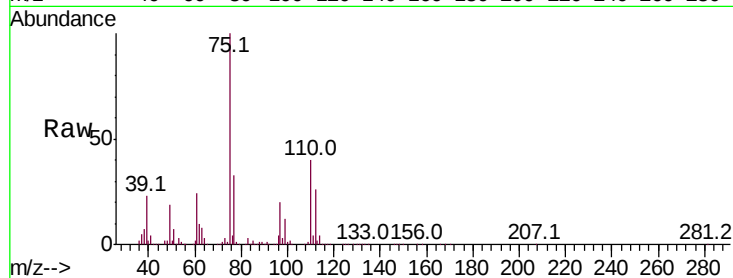
56BR-20201118MS

Tot Ion: 75 Resp: 289787

Ion Ratio Lower Upper

75 100

77 32.4 20.0 60.0



#77

Bromobenzene

Concen: 51.449 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

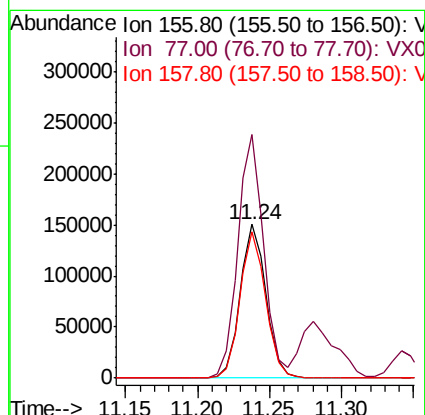
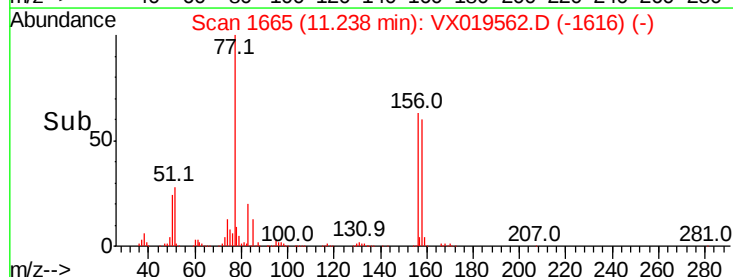
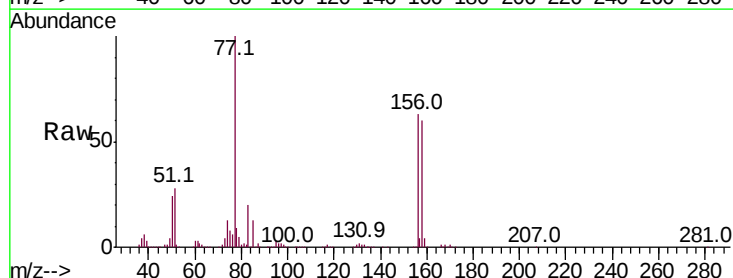
Tgt Ion: 156 Resp: 186779

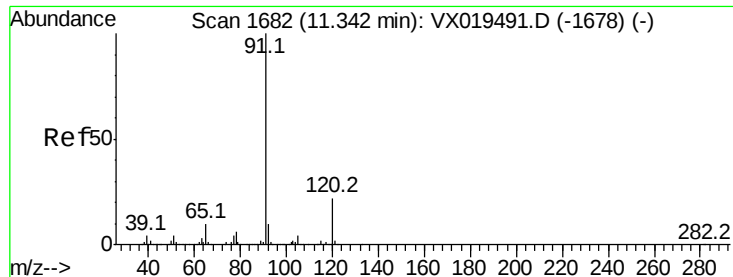
Ion Ratio Lower Upper

156 100

77 159.6 82.5 247.3

158 94.8 48.9 146.7





#78

n-propylbenzene

Concen: 49.406 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

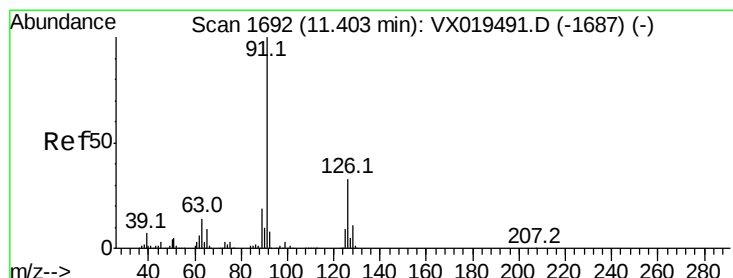
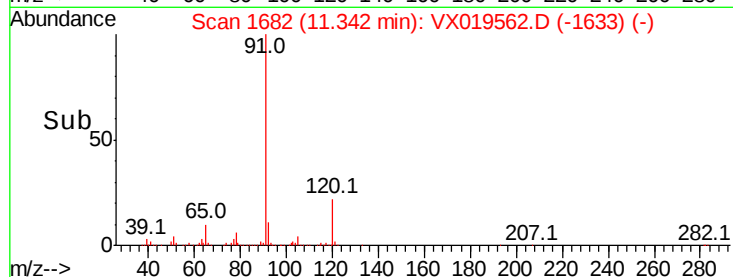
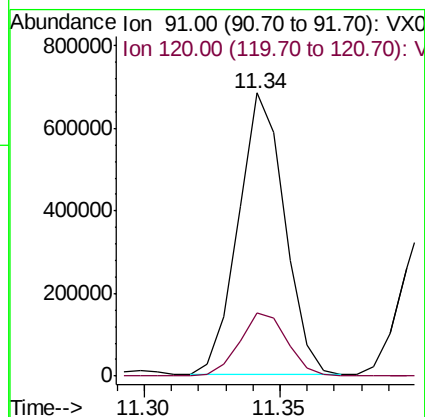
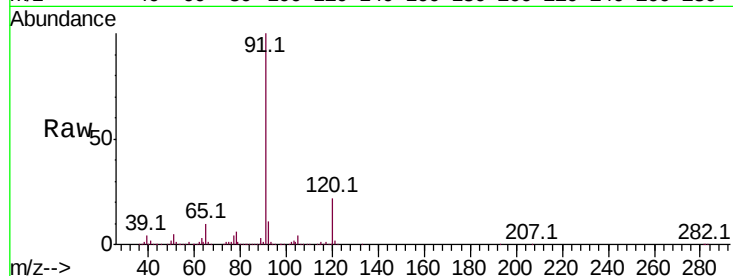
56BR-20201118MS

Tot Ion: 91 Resp: 806005

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4



#79

2-Chlorotoluene

Concen: 50.029 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019562.D

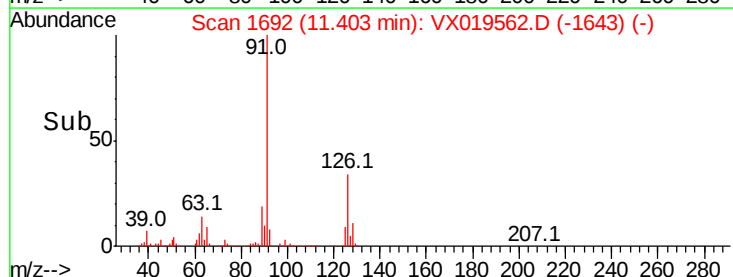
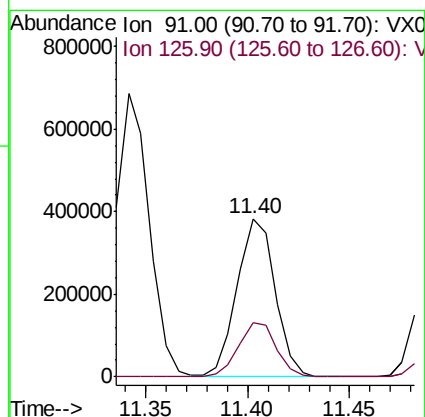
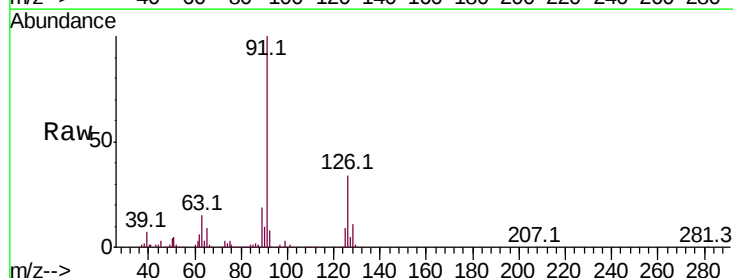
Acq: 23 Nov 2020 19:46

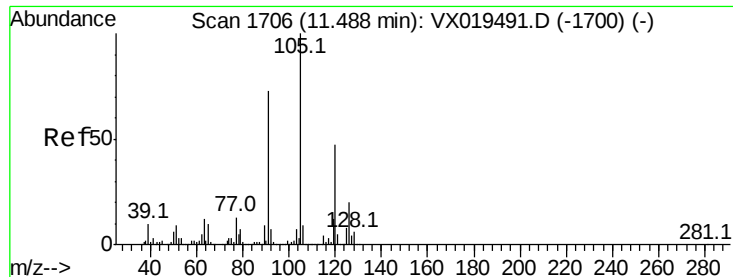
Tgt Ion: 91 Resp: 494983

Ion Ratio Lower Upper

91 100

126 34.2 16.7 50.0





#80

1,3,5-Trimethylbenzene

Concen: 51.425 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

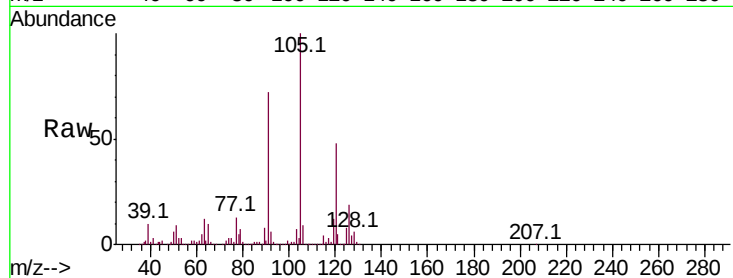
56BR-20201118MS

Tot Ion:105 Resp: 613483

Ion Ratio Lower Upper

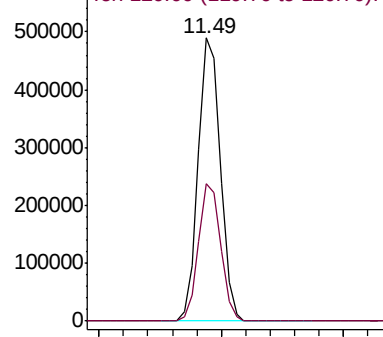
105 100

120 48.3 24.1 72.3

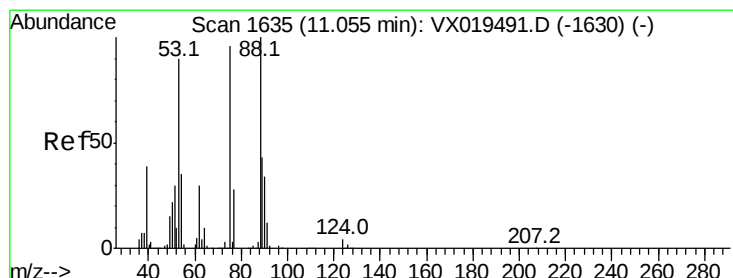
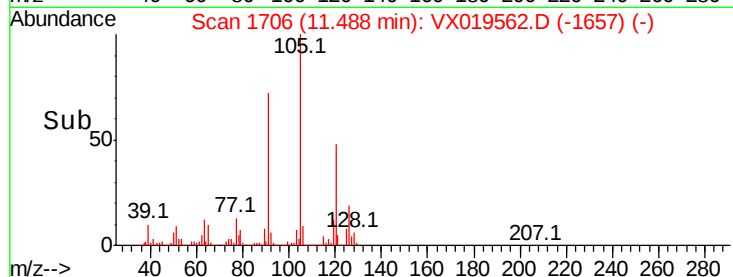


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 11.40 11.50 11.60



#81

trans-1,4-Dichloro-2-butene

Concen: 48.773 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

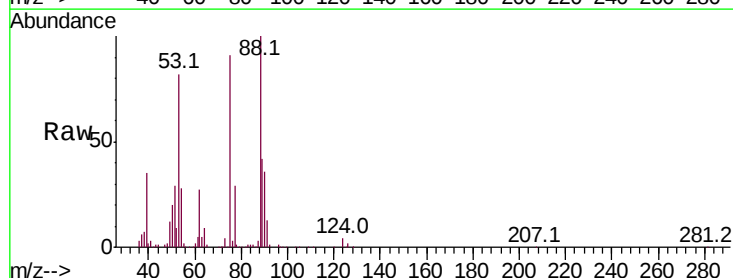
Tgt Ion: 75 Resp: 80824

Ion Ratio Lower Upper

75 100

53 92.7 73.9 110.9

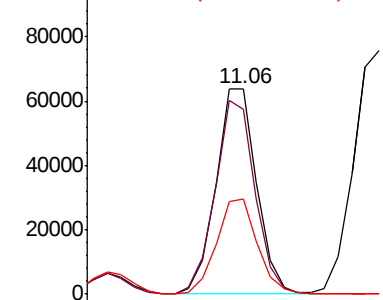
89 47.0 37.3 55.9



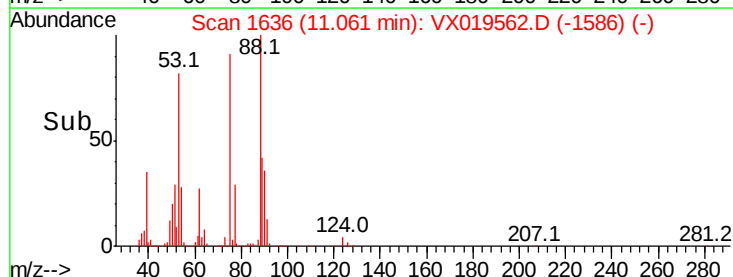
Abundance Ion 74.90 (74.60 to 75.60): VX0

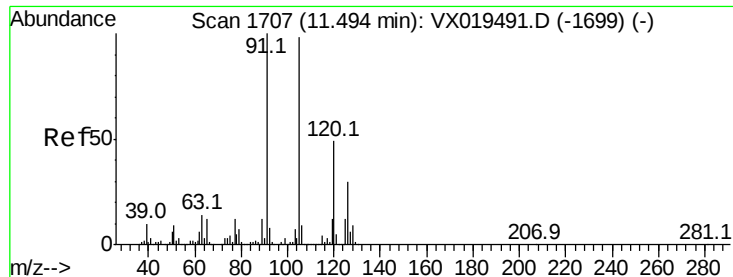
Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time--> 11.00 11.05 11.10

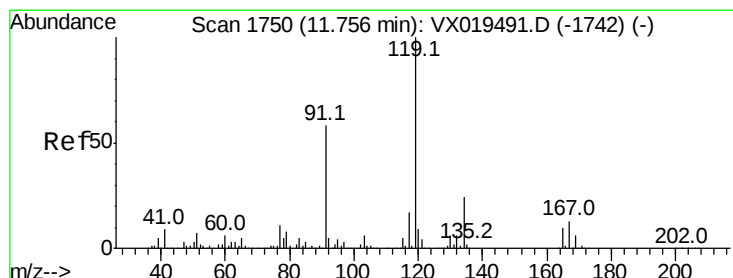
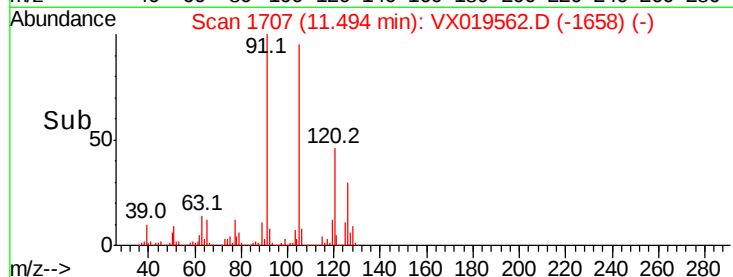
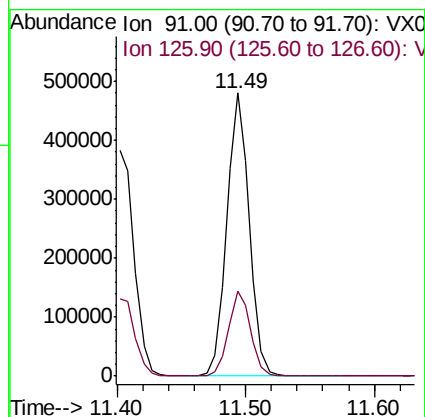
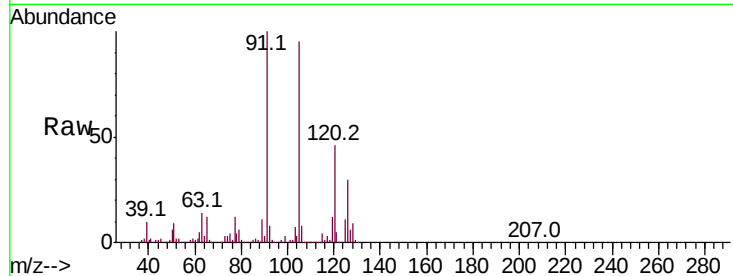




#82
4-Chlorotoluene
Concen: 50.354 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

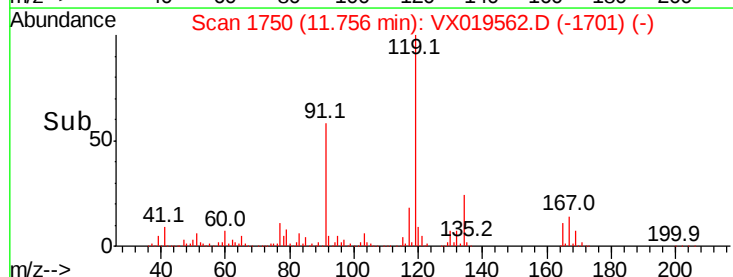
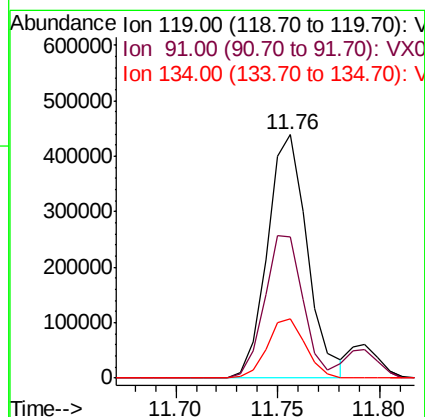
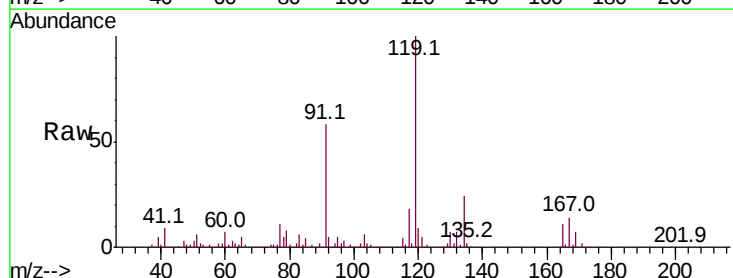
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

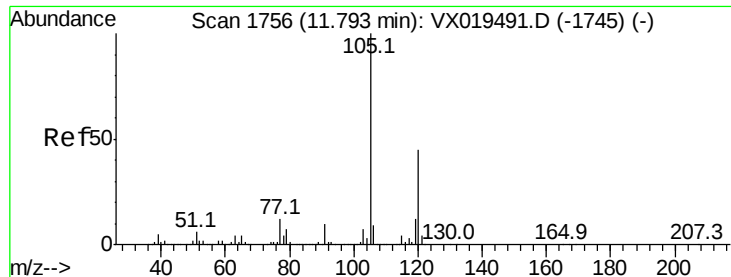
Tot Ion: 91 Resp: 586484
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.7



#83
tert-Butylbenzene
Concen: 51.834 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 119 Resp: 598232
Ion Ratio Lower Upper
119 100
91 56.3 28.9 86.8
134 23.2 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 51.586 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

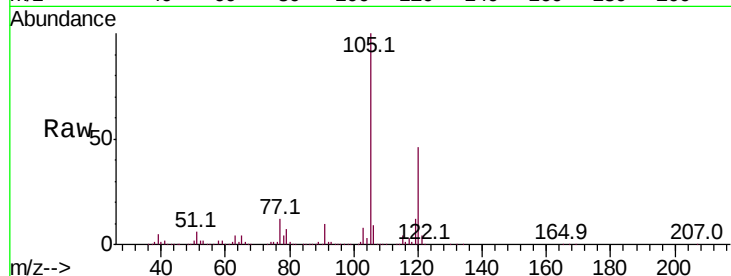
56BR-20201118MS

Tot Ion:105 Resp: 622661

Ion Ratio Lower Upper

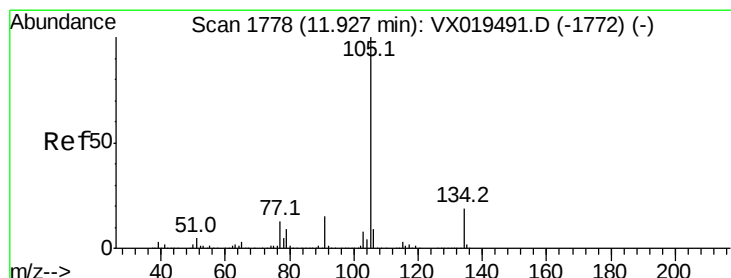
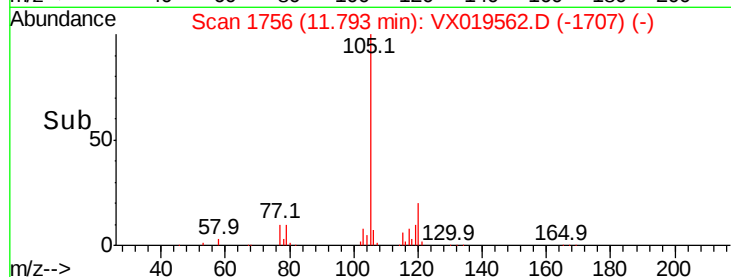
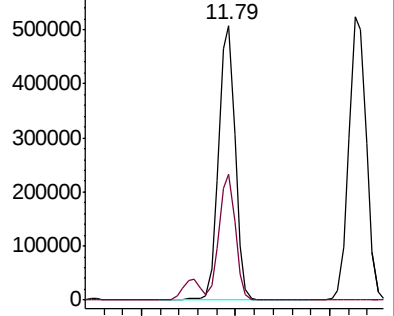
105 100

120 44.9 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: 49.023 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019562.D

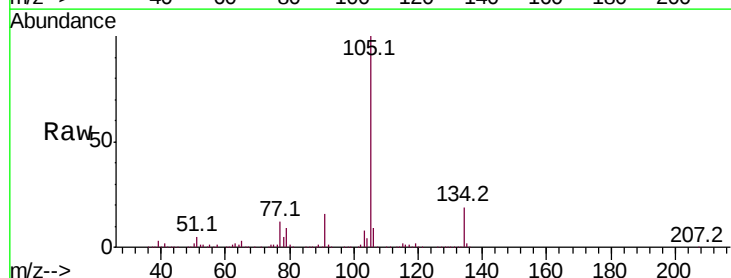
Acq: 23 Nov 2020 19:46

Tgt Ion:105 Resp: 673096

Ion Ratio Lower Upper

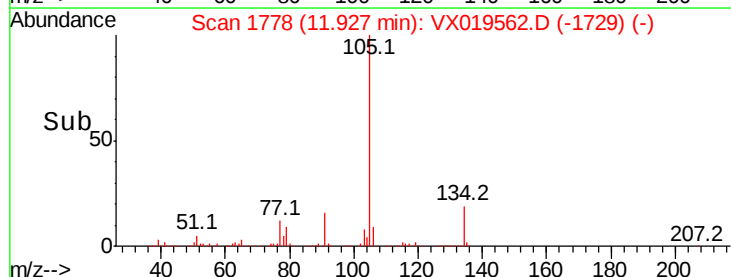
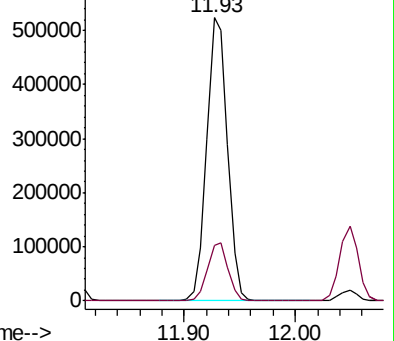
105 100

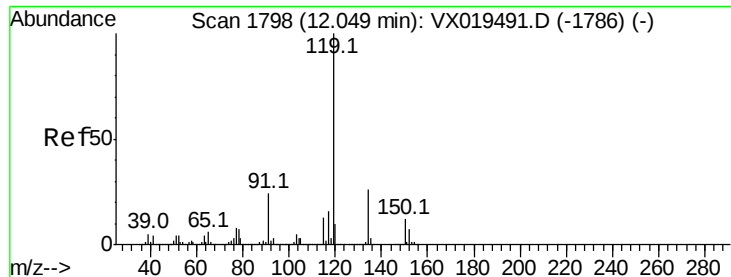
134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

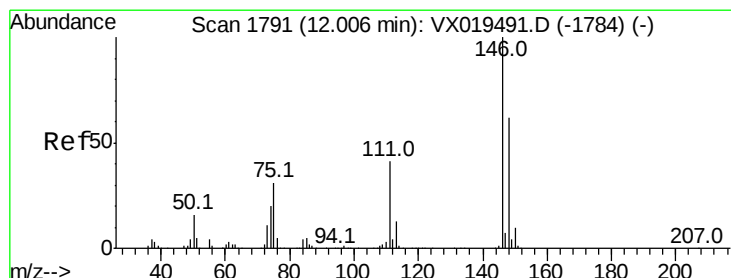
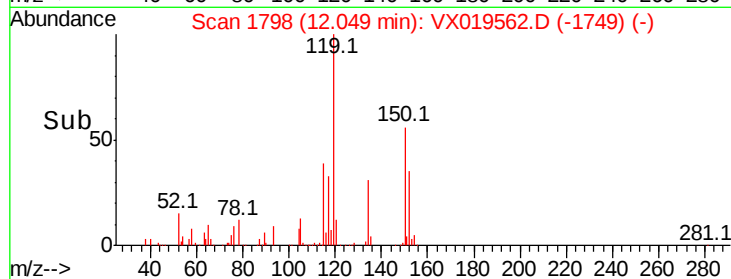
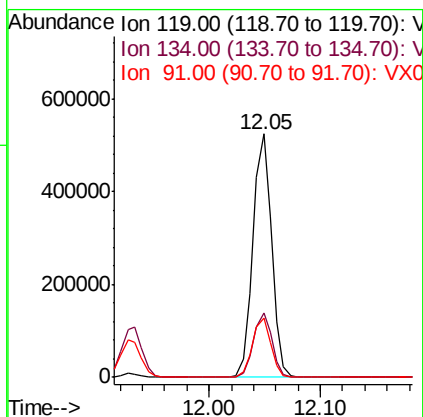
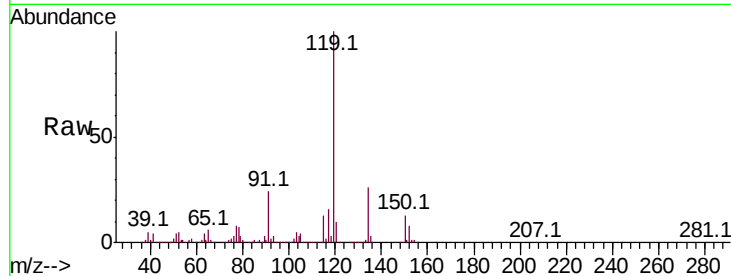




#86
p-Isopropyltoluene
Concen: 49.221 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

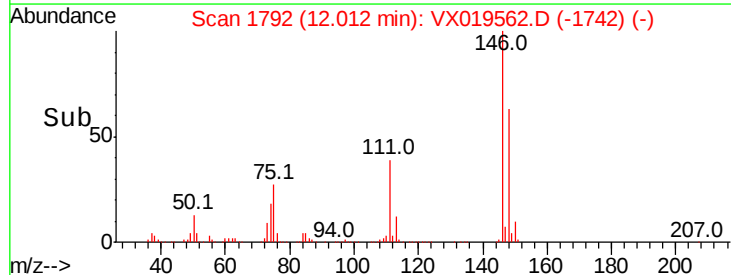
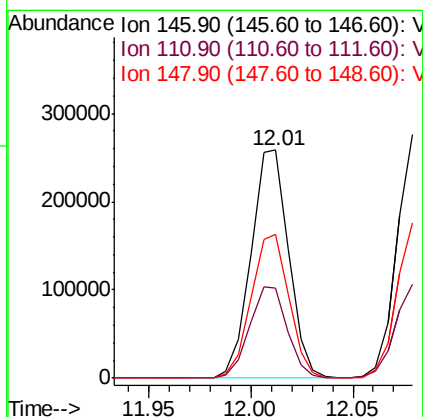
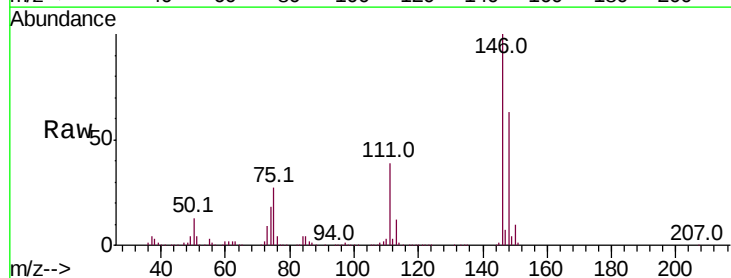
Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

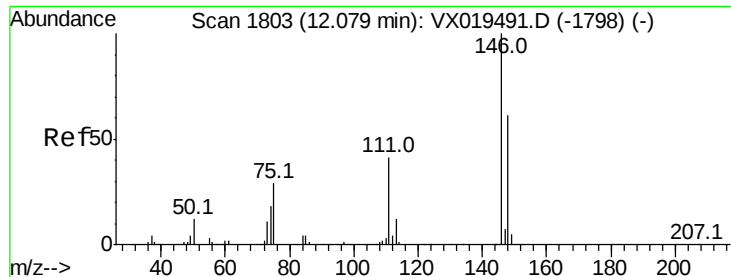
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.1	39.3
91	23.9	11.8	35.4



#87
1,3-Dichlorobenzene
Concen: 49.840 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.4	31.4	94.2

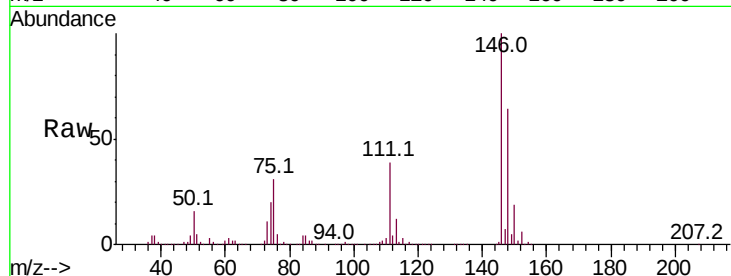




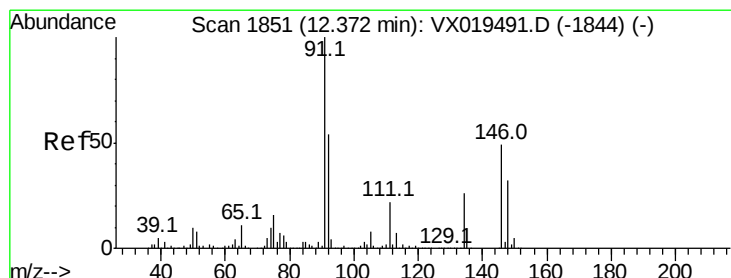
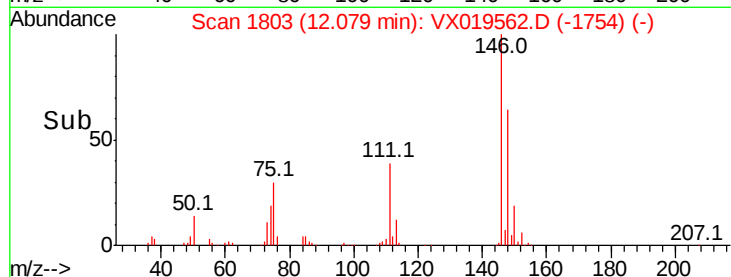
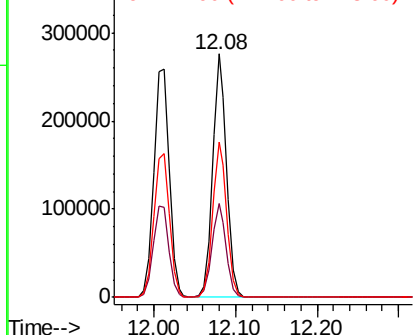
#88
1,4-Dichlorobenzene
Concen: 48.823 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion:146 Resp: 335294
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.6
148 64.2 31.7 95.1

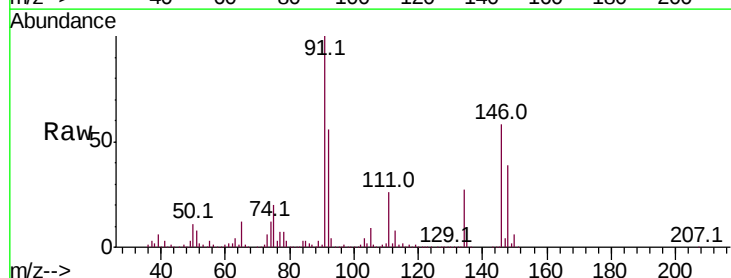


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

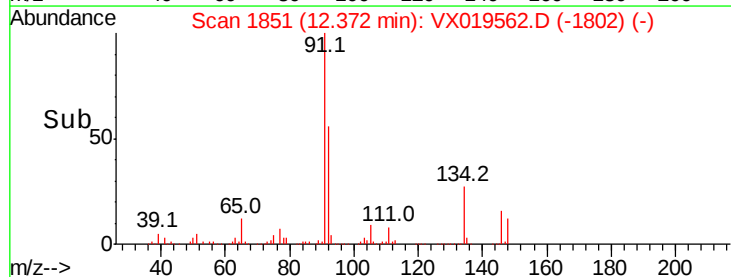
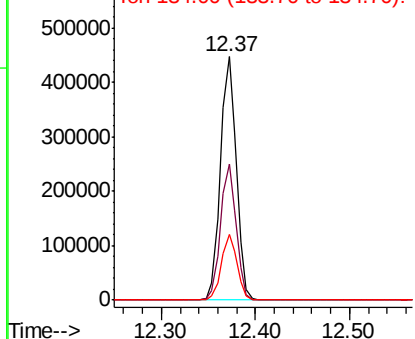


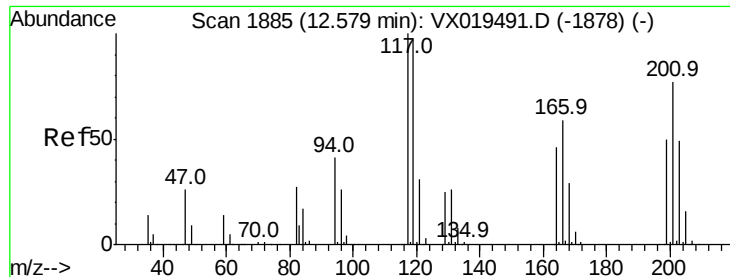
#89
n-Butylbenzene
Concen: 46.354 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 91 Resp: 522404
Ion Ratio Lower Upper
91 100
92 55.1 26.9 80.6
134 26.5 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 51.057 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

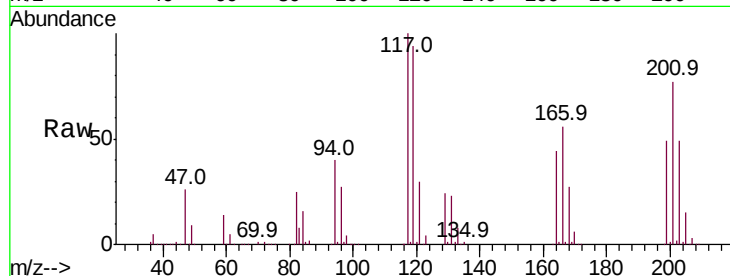
56BR-20201118MS

Tot Ion:117 Resp: 106504

Ion Ratio Lower Upper

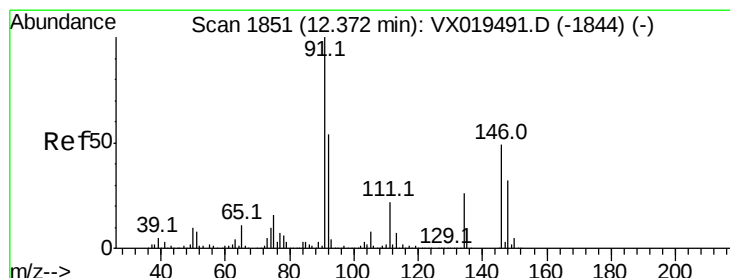
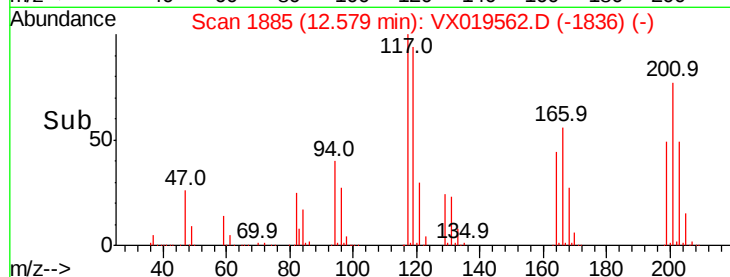
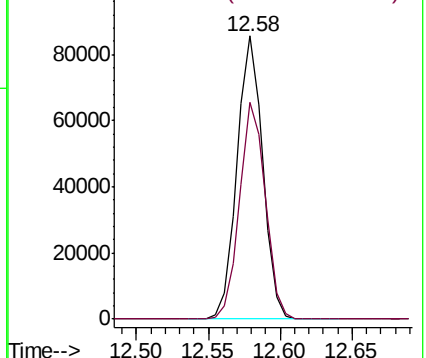
117 100

201 76.8 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.730 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

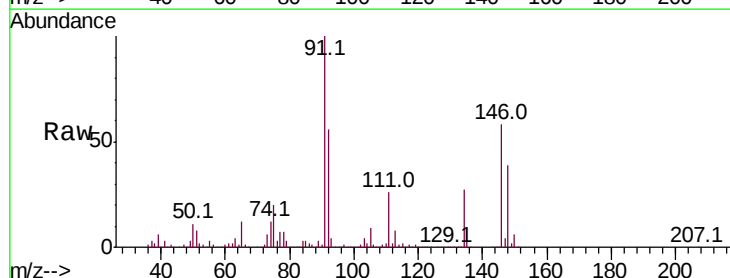
Tgt Ion:146 Resp: 326312

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.3

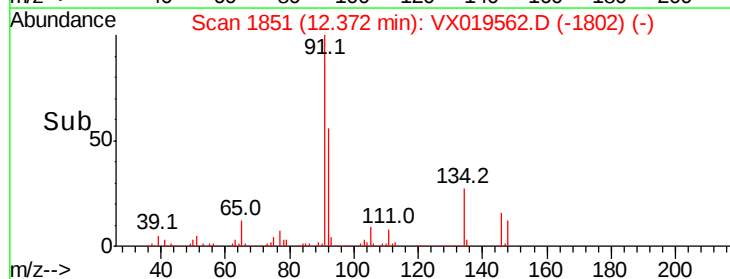
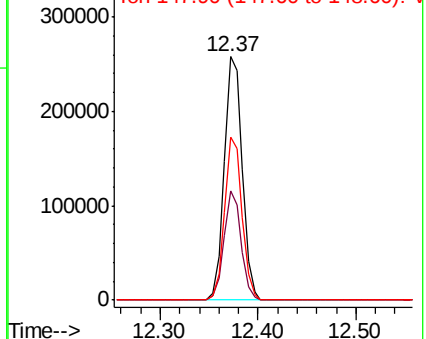
148 65.2 32.4 97.0

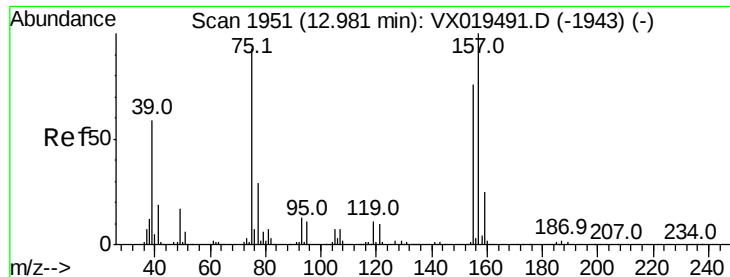


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.969 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

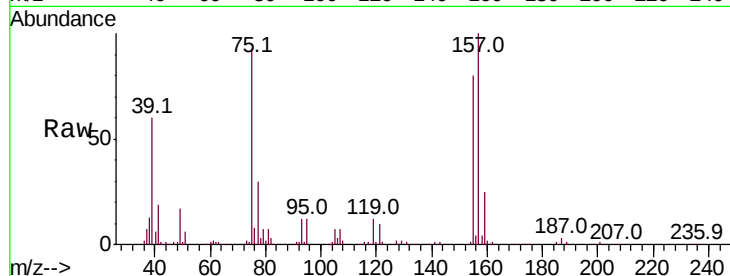
Tot Ion: 75 Resp: 57030

Ion Ratio Lower Upper

75 100

155 86.9 43.6 130.9

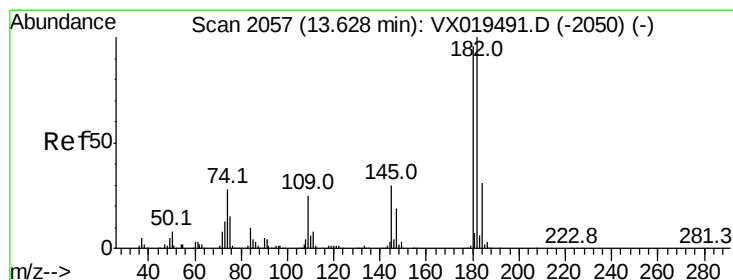
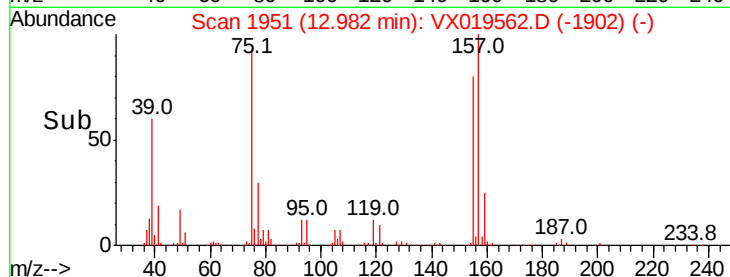
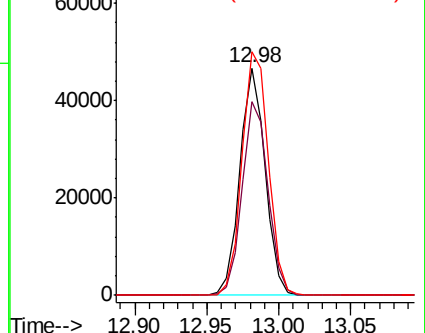
157 111.3 57.0 170.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 50.660 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

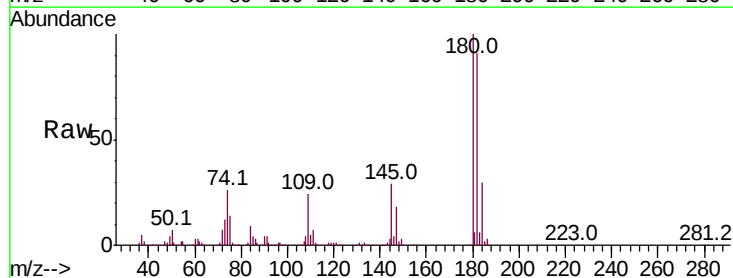
Tgt Ion:180 Resp: 217790

Ion Ratio Lower Upper

180 100

182 93.4 48.6 145.9

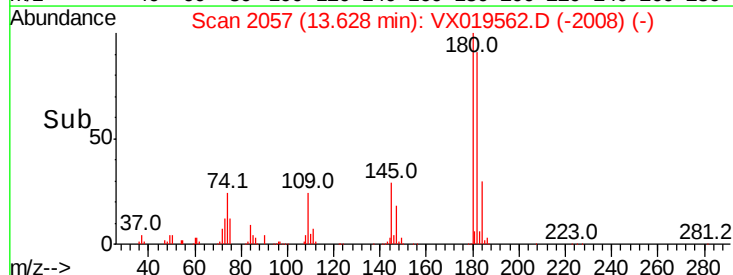
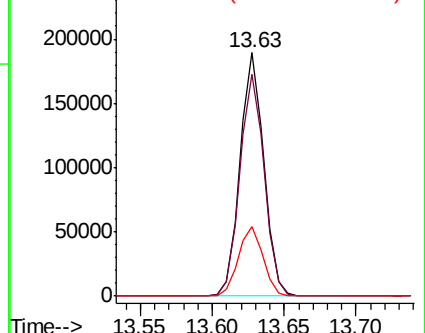
145 29.7 15.9 47.7

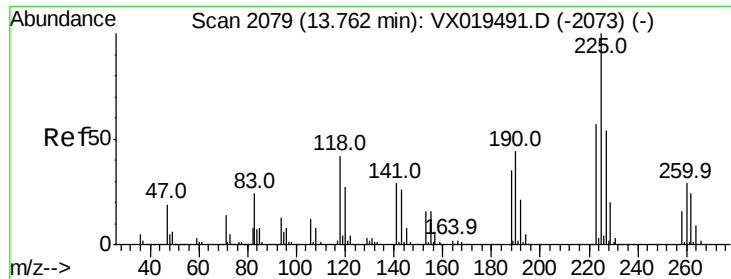


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 39.709 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

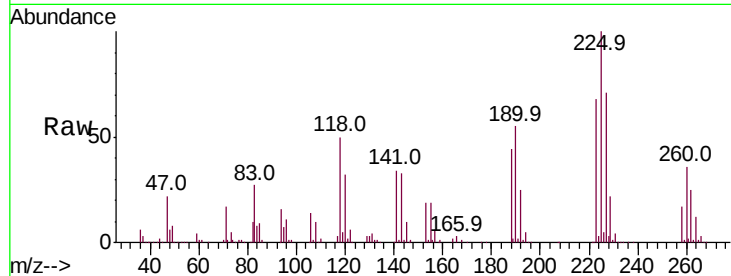
Tot Ion:225 Resp: 77768

Ion Ratio Lower Upper

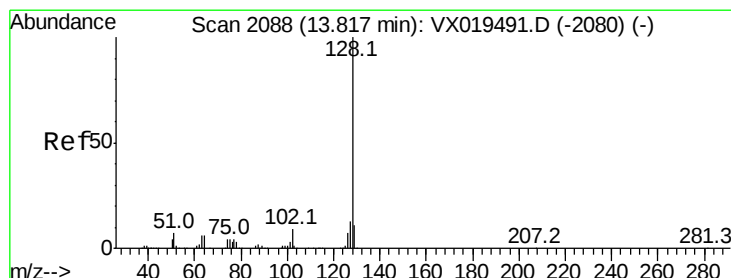
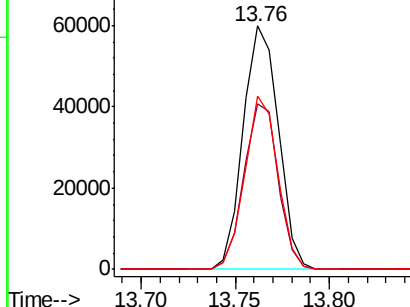
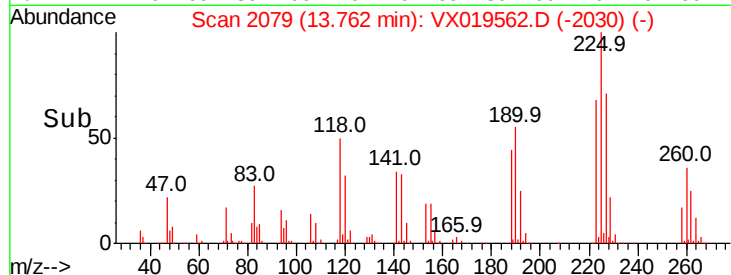
225 100

223 66.3 32.5 97.5

227 66.9 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: 49.048 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

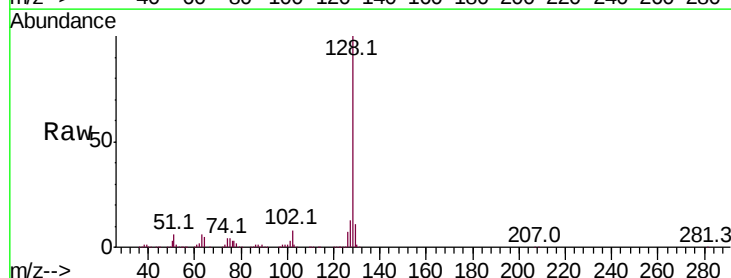
Tgt Ion:128 Resp: 743047

Ion Ratio Lower Upper

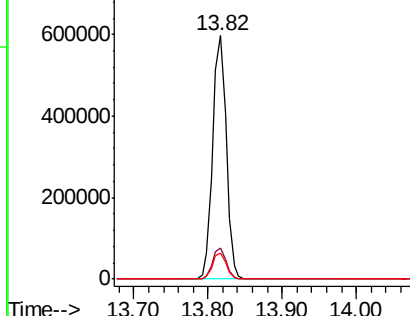
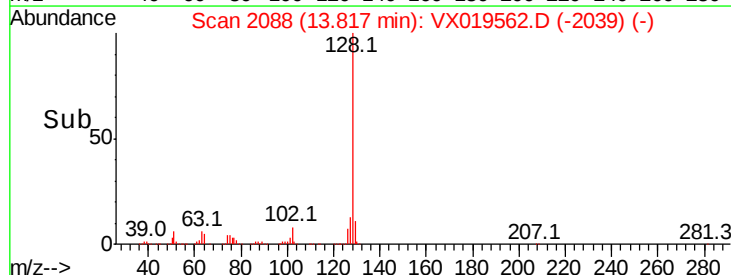
128 100

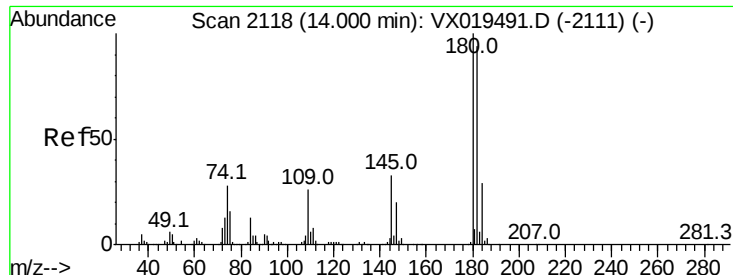
127 12.7 10.3 15.5

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.352 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.1	144.3
145	31.7	16.6	49.8

