

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019511.D
 Acq On : 20 Nov 2020 22:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 21 04:51:01 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	5.63	168	255669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191334	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	167206	50.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.88%	
35) Dibromofluoromethane		5.46	113	134469	50.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.26%	
50) Toluene-d8		8.70	98	509947	48.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.86%	
62) 4-Bromofluorobenzene		11.12	95	186632	49.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	129286	52.000	ug/l	99
3) Chloromethane	1.31	50	140222	49.148	ug/l	99
4) Vinyl Chloride	1.39	62	161064	52.443	ug/l	100
5) Bromomethane	1.62	94	55118	47.381	ug/l	97
6) Chloroethane	1.68	64	38241	51.214	ug/l	94
7) Trichlorofluoromethane	1.89	101	230568	52.015	ug/l	99
8) Diethyl Ether	2.17	74	96891	54.578	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130660	52.835	ug/l	100
10) Methyl Iodide	2.48	142	165825	51.041	ug/l	100
11) Tert butyl alcohol	3.05	59	177960	283.665	ug/l	100
12) 1,1-Dichloroethene	2.34	96	132492	52.198	ug/l	97
13) Acrolein	2.28	56	102114	242.144	ug/l	100
14) Allyl chloride	2.70	41	202652	50.964	ug/l	100
15) Acrylonitrile	3.12	53	408965	276.415	ug/l	100
16) Acetone	2.43	43	326102	254.378	ug/l	99
17) Carbon Disulfide	2.54	76	334264	49.019	ug/l	99
18) Methyl Acetate	2.75	43	171691	54.564	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	480657	54.860	ug/l	100
20) Methylene Chloride	2.83	84	159207	49.688	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	150270	52.252	ug/l	99
22) Diisopropyl ether	3.83	45	446026	54.222	ug/l	94
23) Vinyl Acetate	3.79	43	1925042	279.000	ug/l	100
24) 1,1-Dichloroethane	3.67	63	268817	53.428	ug/l	99
25) 2-Butanone	4.64	43	517205	268.574	ug/l	100
26) 2,2-Dichloropropane	4.54	77	203854	46.418	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	176150	53.323	ug/l	99
28) Bromochloromethane	4.98	49	114571	47.628	ug/l	99
29) Tetrahydrofuran	5.10	42	337972	275.061	ug/l	99
30) Chloroform	5.18	83	279367	53.101	ug/l	97
31) Cyclohexane	5.54	56	225612	52.328	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	242326	53.621	ug/l	100
36) 1,1-Dichloropropene	5.76	75	203828	50.880	ug/l	99
37) Ethyl Acetate	4.80	43	207396	55.146	ug/l	100
38) Carbon Tetrachloride	5.75	117	203170	52.396	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	238308	51.090	ug/l	99
40) Benzene	6.11	78	636508	51.712	ug/l	99
41) Methacrylonitrile	5.01	41	110559	53.309	ug/l	99
42) 1,2-Dichloroethane	6.16	62	218892	51.884	ug/l	100
43) Isopropyl Acetate	6.42	43	330624	52.297	ug/l	100
44) Trichloroethene	7.18	130	165259	51.257	ug/l	95
45) 1,2-Dichloropropane	7.49	63	159252	52.556	ug/l	99
46) Dibromomethane	7.63	93	108915	52.517	ug/l	98
47) Bromodichloromethane	7.88	83	211929	52.662	ug/l	99
48) Methyl methacrylate	7.75	41	162063	54.737	ug/l	99
49) 1,4-Dioxane	7.72	88	77855	1158.123	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1018088	276.162	ug/l	100
52) Toluene	8.76	92	391306	51.968	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	227061	52.243	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	253140	52.483	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	160256	52.258	ug/l	99
56) Ethyl methacrylate	9.16	69	238212	54.897	ug/l	100
57) 1,3-Dichloropropane	9.35	76	265983	51.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	642490	252.688	ug/l	99
59) 2-Hexanone	9.48	43	771072	275.780	ug/l	100
60) Dibromochloromethane	9.57	129	160609	53.470	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164528	52.049	ug/l	99
64) Tetrachloroethene	9.32	164	148226	49.448	ug/l	96
65) Chlorobenzene	10.12	112	402007	51.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	151620	53.163	ug/l	98
67) Ethyl Benzene	10.24	91	732750	53.347	ug/l	97
68) m/p-Xylenes	10.34	106	547347	106.958	ug/l	100
69) o-Xylene	10.68	106	263944	53.956	ug/l	99
70) Styrene	10.69	104	454758	50.214	ug/l	100
71) Bromoform	10.84	173	113625	47.245	ug/l	99
73) Isopropylbenzene	11.00	105	697197	52.674	ug/l	99
74) N-amyl acetate	10.88	43	280140	56.483	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	249983	52.813	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	275907	66.077	ug/l	88
77) Bromobenzene	11.24	156	176513	52.239	ug/l	99
78) n-propylbenzene	11.34	91	799389	52.646	ug/l	100
79) 2-Chlorotoluene	11.40	91	486740	52.856	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	599606	54.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	74872	48.563	ug/l	99
82) 4-Chlorotoluene	11.49	91	572734	52.833	ug/l	99
83) tert-Butylbenzene	11.76	119	579856	53.980	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	619576	55.149	ug/l	99
85) sec-Butylbenzene	11.93	105	684276	53.545	ug/l	99
86) p-Isopropyltoluene	12.05	119	629992	54.297	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	316053	50.932	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	320693	50.171	ug/l	100
89) n-Butylbenzene	12.37	91	557129	53.113	ug/l	99
90) Hexachloroethane	12.58	117	104428	53.787	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	325237	52.184	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54176	56.103	ug/l	98

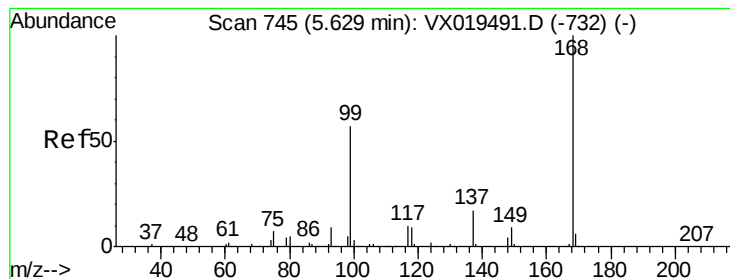
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019511.D
Acq On : 20 Nov 2020 22:06
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QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	210066	52.498	ug/l	99
94) Hexachlorobutadiene	13.77	225	89216	48.944	ug/l	99
95) Naphthalene	13.82	128	727088	51.453	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214991	53.715	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

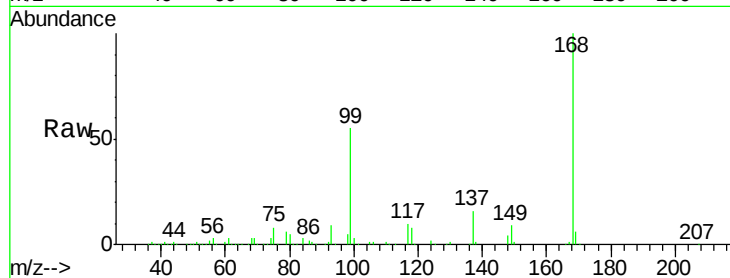
VSTDCCC050

Tot Ion:168 Resp: 255669

Ion Ratio Lower Upper

168 100

99 55.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

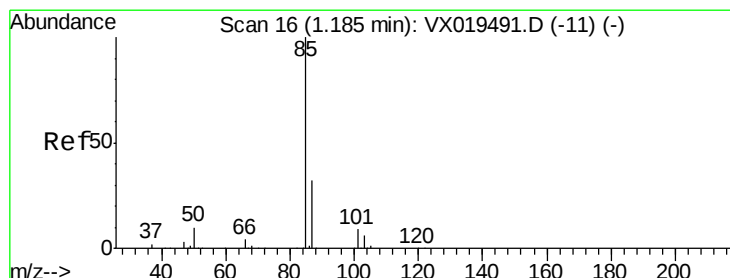
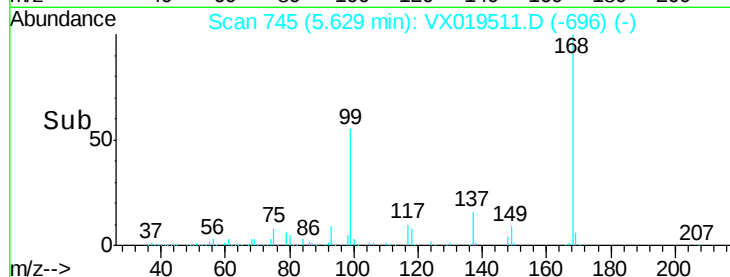
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.000 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019511.D

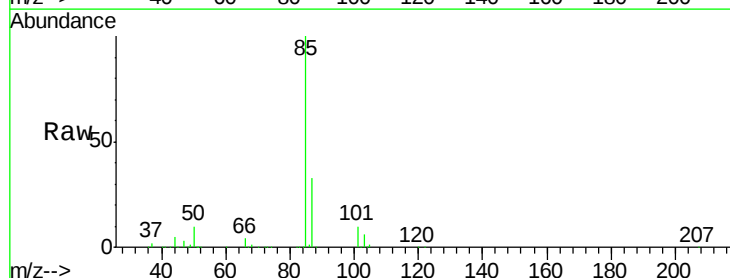
Acq: 20 Nov 2020 22:06

Tgt Ion: 85 Resp: 129286

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

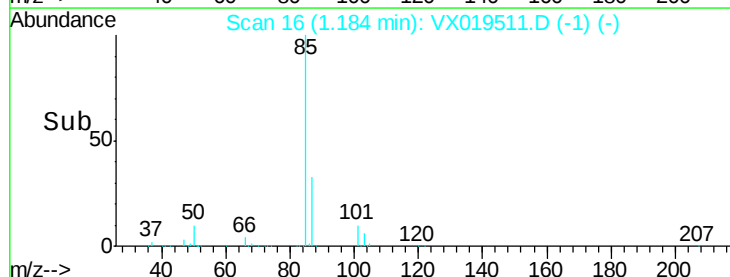
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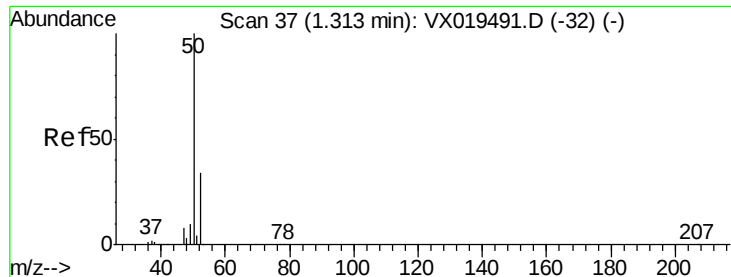
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.148 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

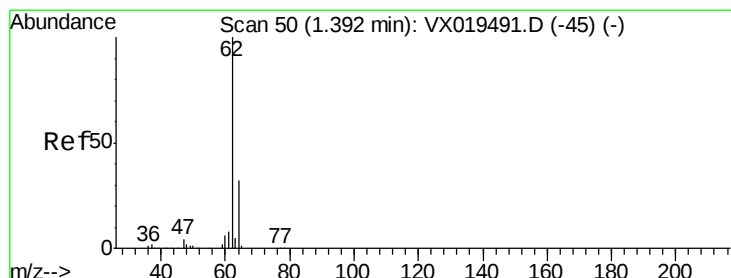
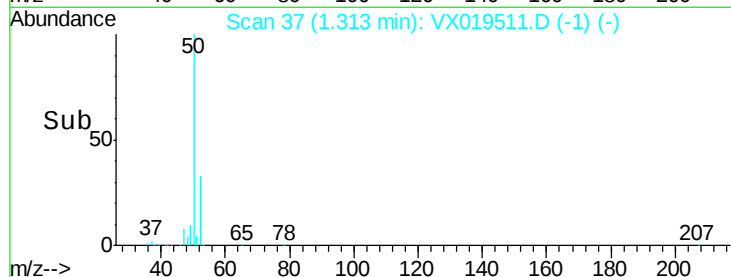
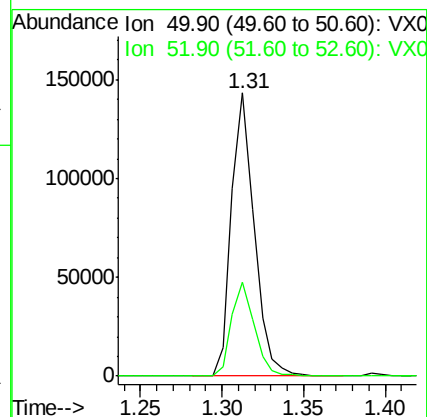
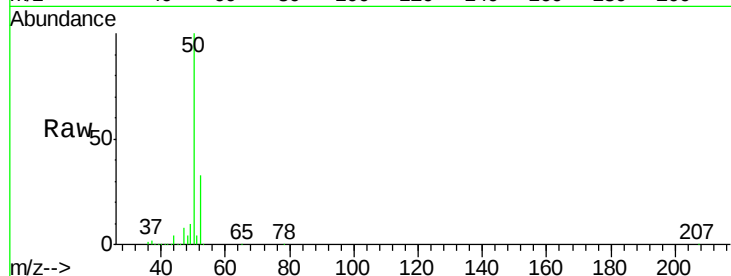
VSTDCCC050

Tot Ion: 50 Resp: 140222

Ion Ratio Lower Upper

50 100

52 33.1 27.0 40.6



#4

Vinyl Chloride

Concen: 52.443 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019511.D

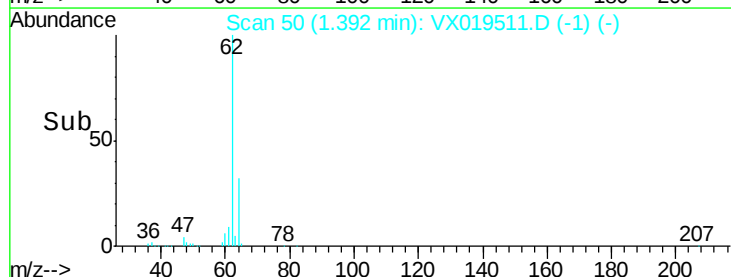
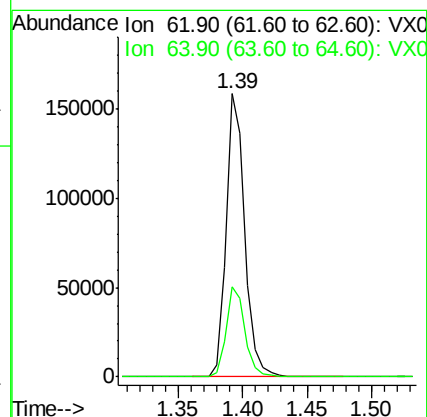
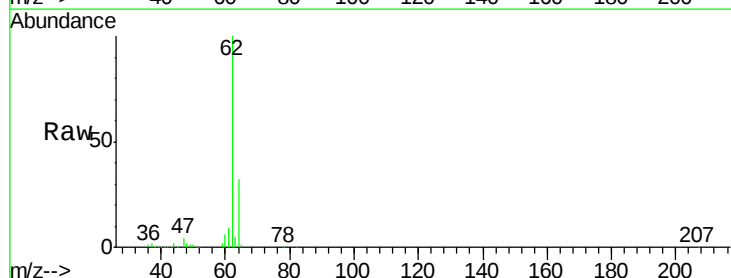
Acq: 20 Nov 2020 22:06

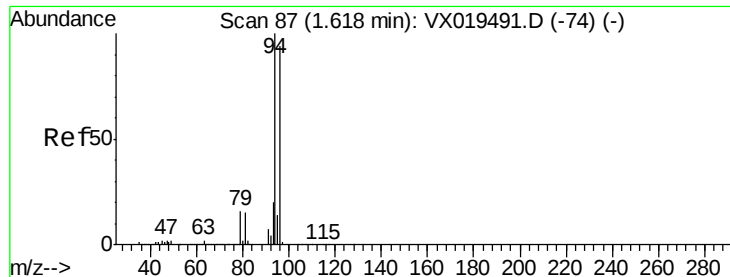
Tgt Ion: 62 Resp: 161064

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 47.381 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

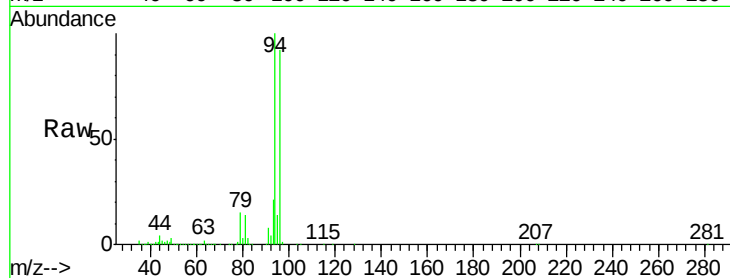
VSTDCCC050

Tot Ion: 94 Resp: 55118

Ion Ratio Lower Upper

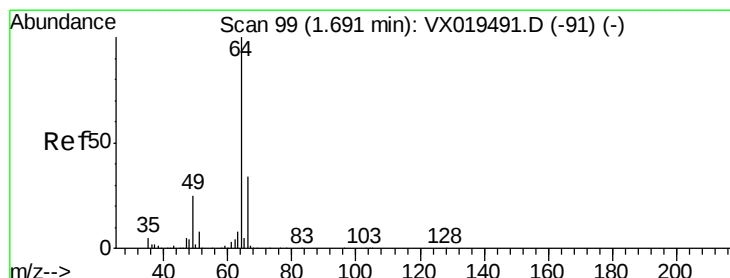
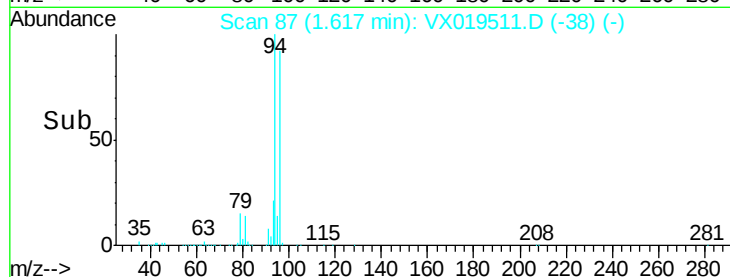
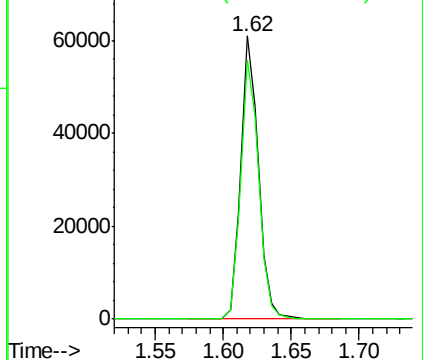
94 100

96 91.6 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.214 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019511.D

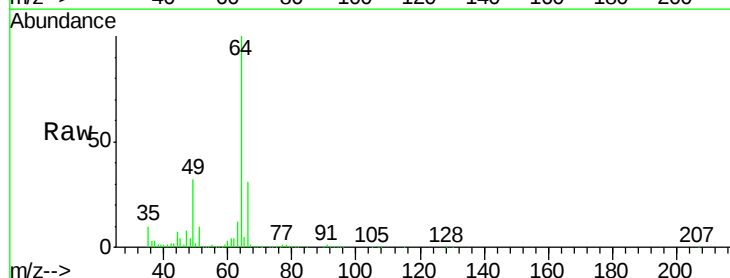
Acq: 20 Nov 2020 22:06

Tgt Ion: 64 Resp: 38241

Ion Ratio Lower Upper

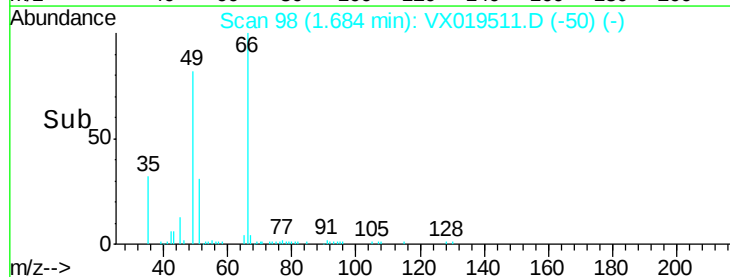
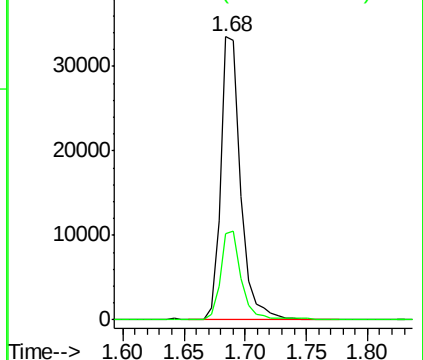
64 100

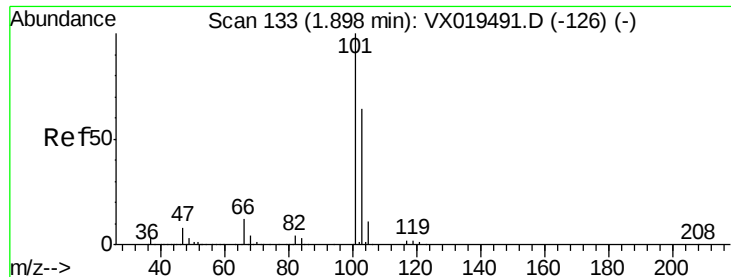
66 30.5 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



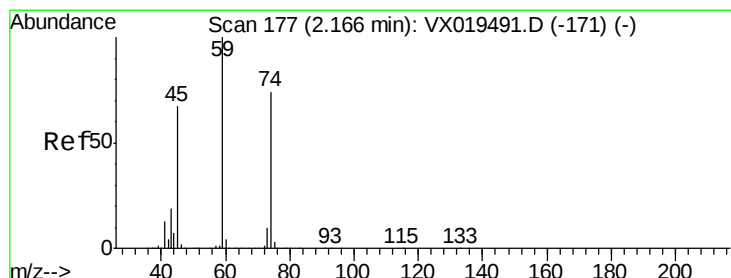
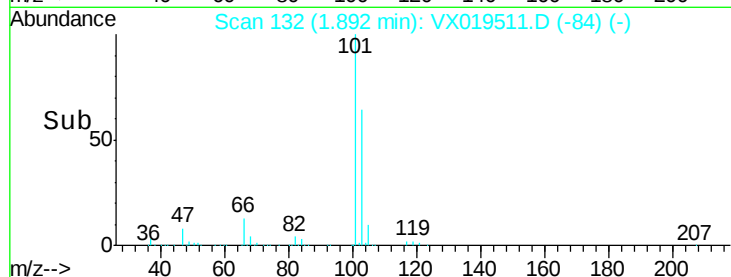
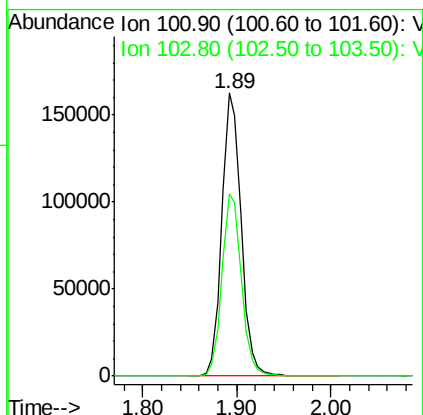
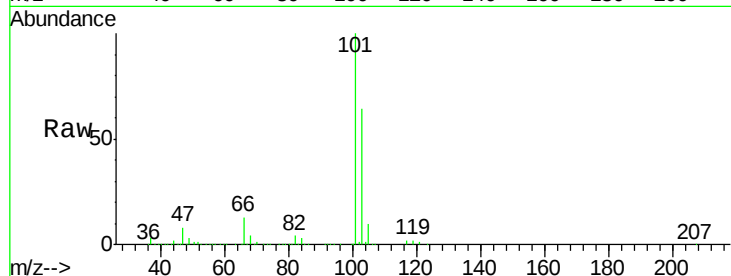


#7

Trichlorofluoromethane
 Concen: 52.015 ug/l
 RT: 1.89 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Instrument :
 MSVOA_X
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 VSTDCCC050

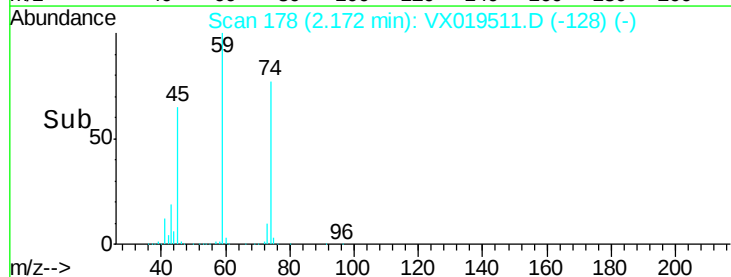
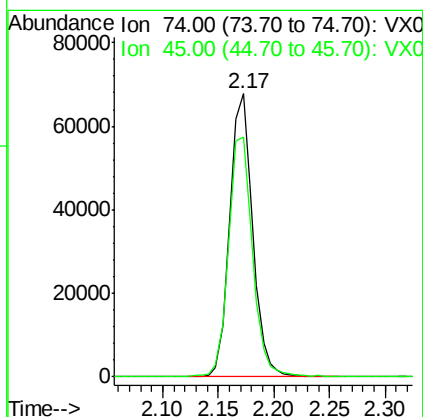
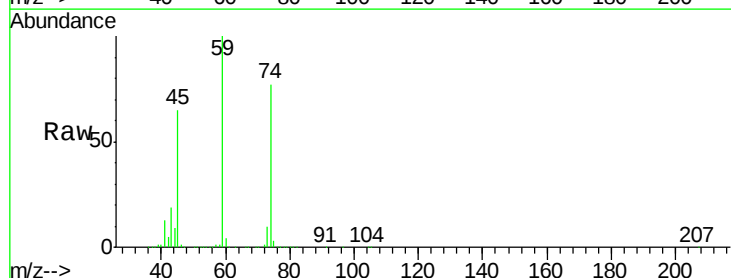
Tot Ion:101 Resp: 230568
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.9 76.3

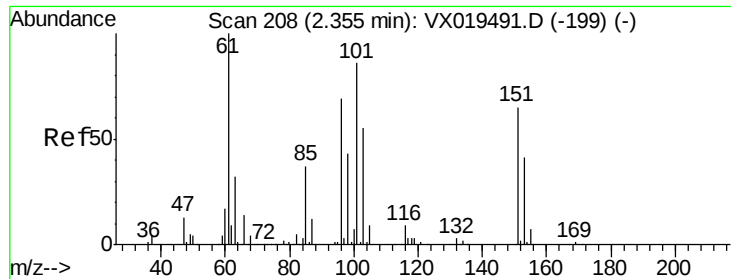


#8

Diethyl Ether
 Concen: 54.578 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion: 74 Resp: 96891
 Ion Ratio Lower Upper
 74 100
 45 87.9 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.835 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

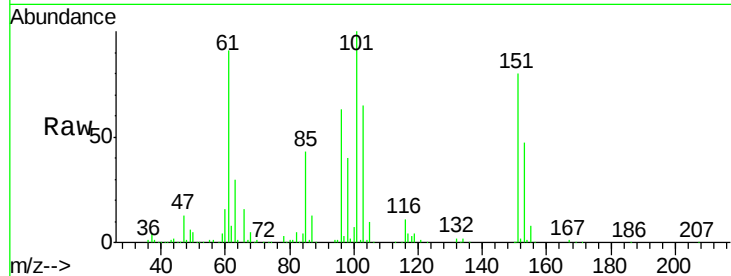
Tot Ion:101 Resp: 130660

Ion Ratio Lower Upper

101 100

85 42.7 33.9 50.9

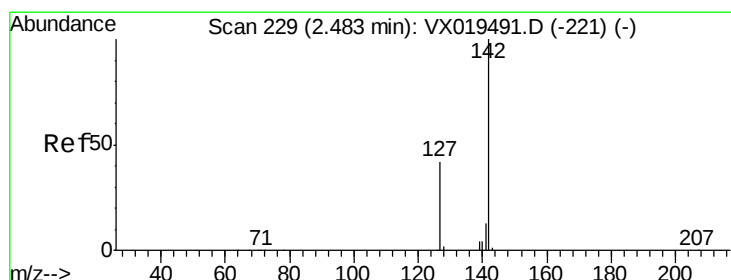
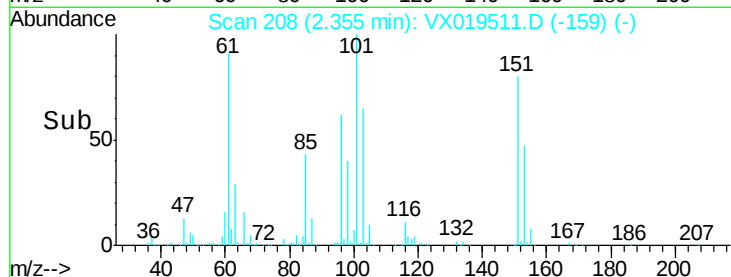
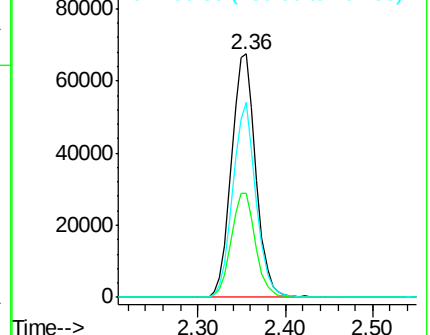
151 76.2 60.9 91.3



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: 51.041 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

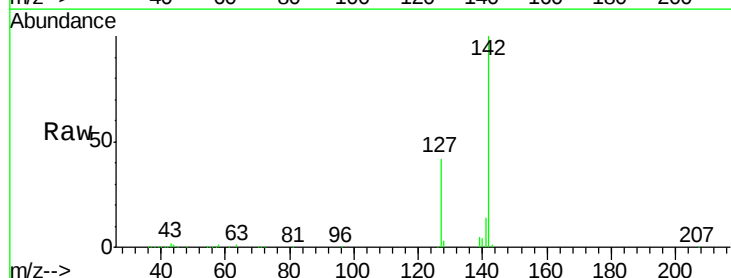
Tgt Ion:142 Resp: 165825

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

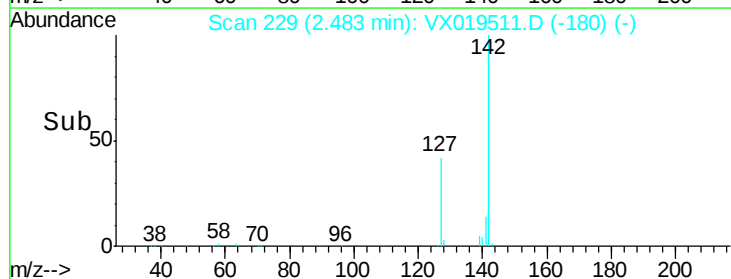
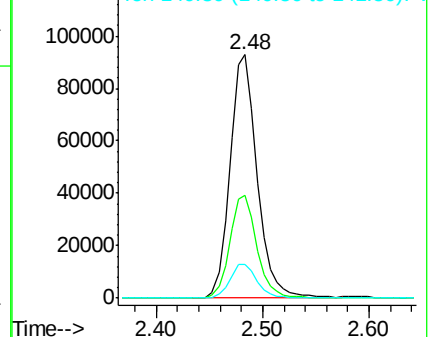
141 14.0 11.0 16.6

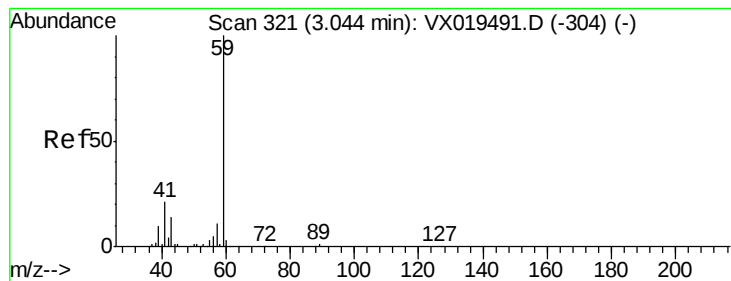


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



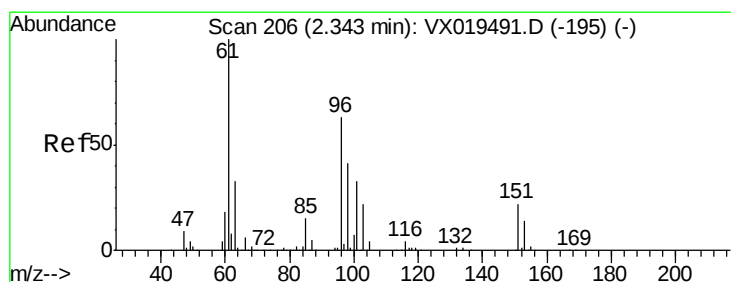
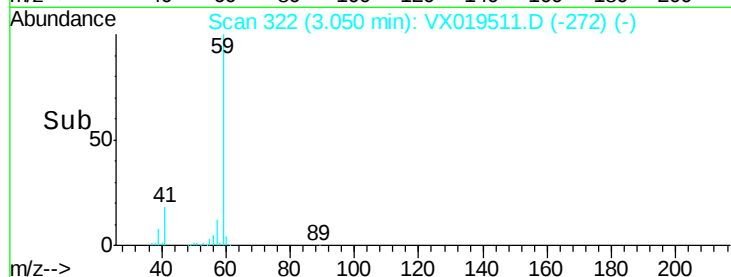
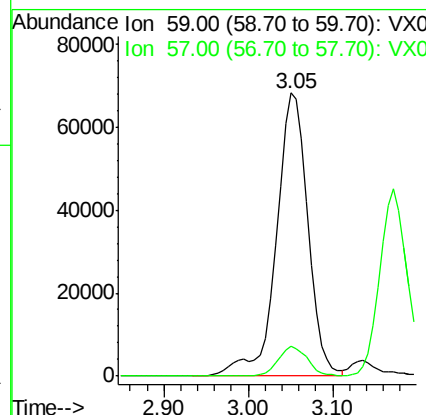
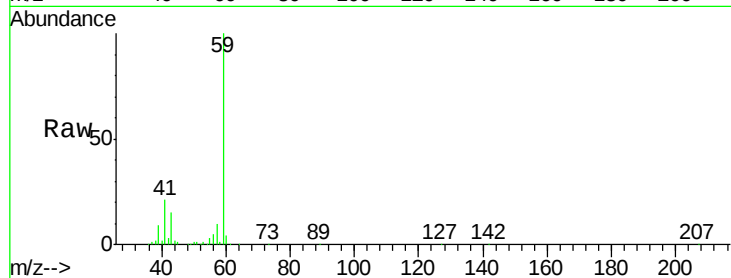


#11

Tert butyl alcohol
 Concen: 283.665 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

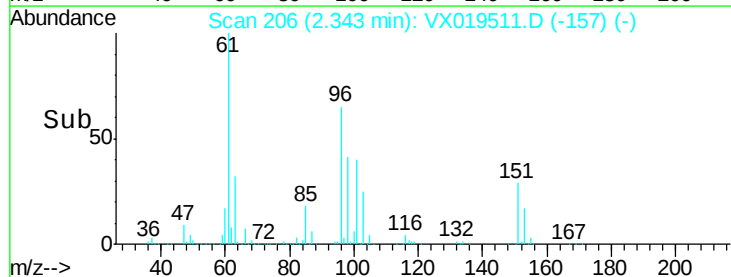
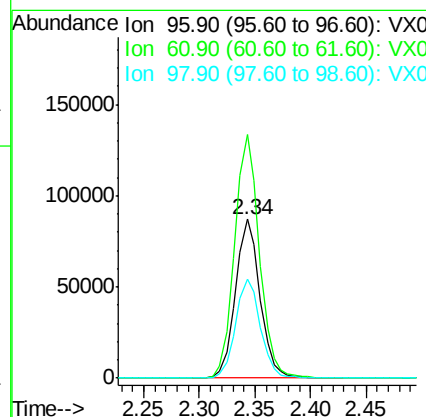
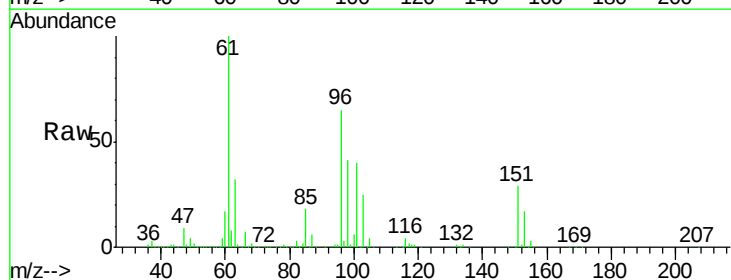
Tot Ion: 59 Resp: 177960
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

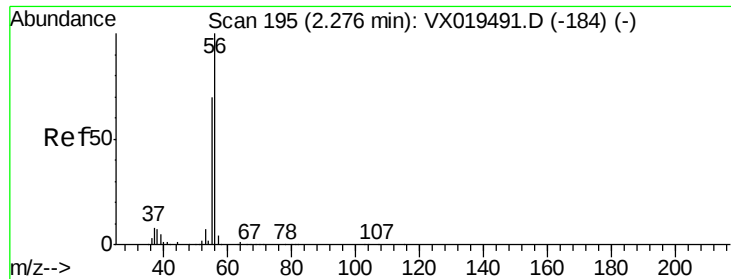


#12

1,1-Dichloroethene
 Concen: 52.198 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion: 96 Resp: 132492
 Ion Ratio Lower Upper
 96 100
 61 153.7 126.0 189.0
 98 62.5 52.0 78.0





#13

Acrolein

Concen: 242.144 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

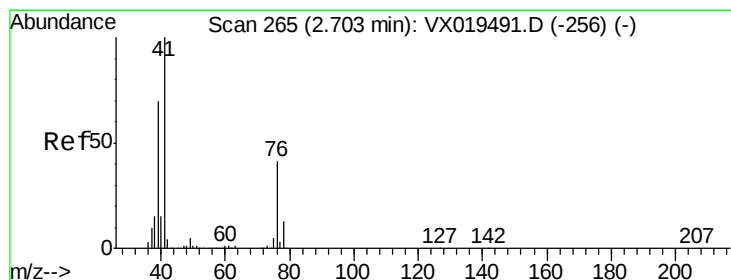
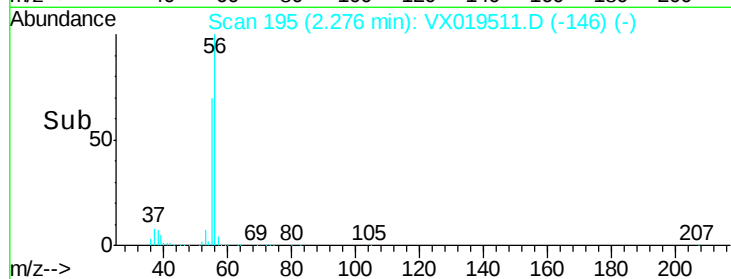
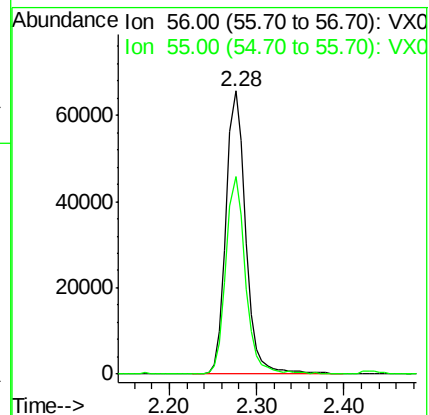
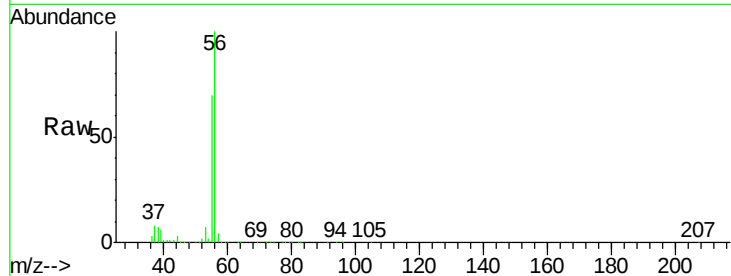
VSTDCCC050

Tot Ion: 56 Resp: 102114

Ion Ratio Lower Upper

56 100

55 69.4 55.5 83.3



#14

Allyl chloride

Concen: 50.964 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

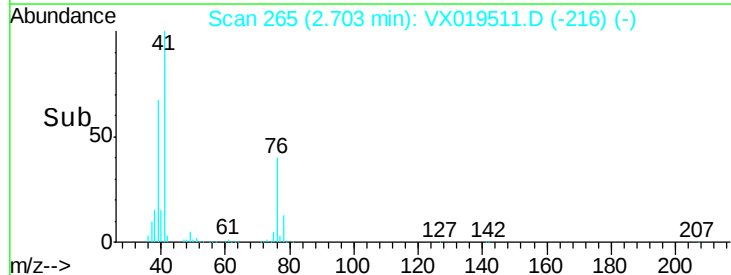
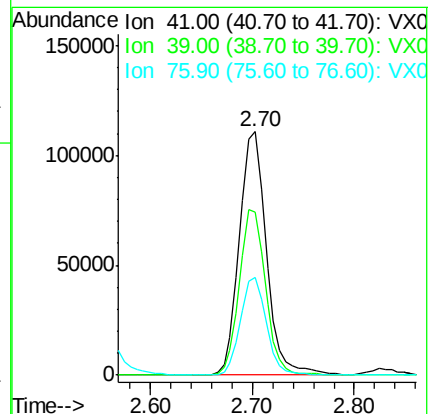
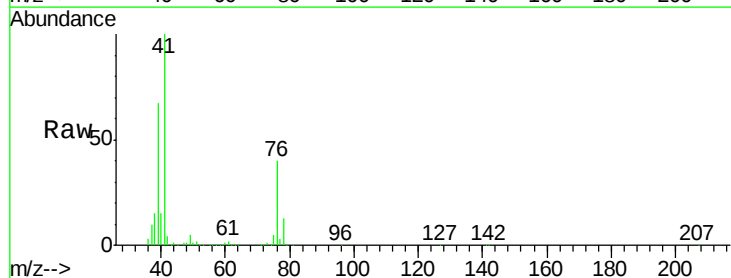
Tgt Ion: 41 Resp: 202652

Ion Ratio Lower Upper

41 100

39 66.1 53.0 79.4

76 38.8 31.0 46.6





#15

Acrylonitrile

Concen: 276.415 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

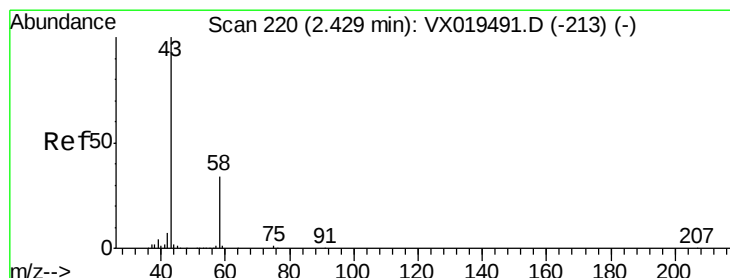
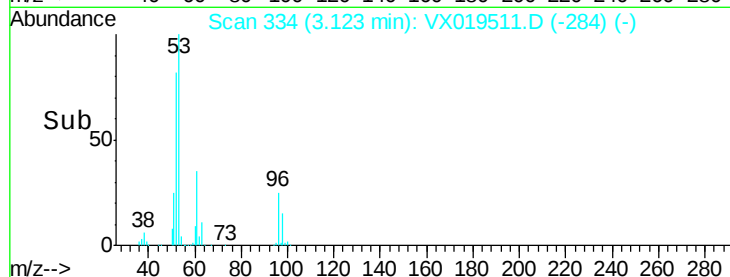
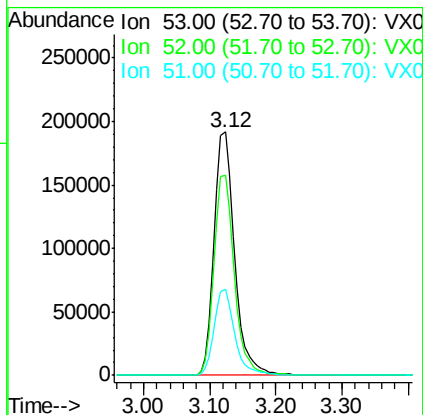
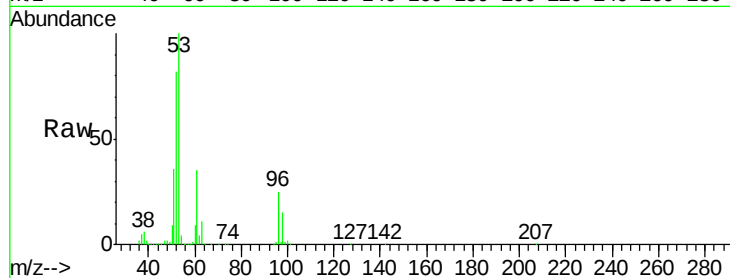
Tot Ion: 53 Resp: 408965

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.2

51 35.4 28.5 42.7



#16

Acetone

Concen: 254.378 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019511.D

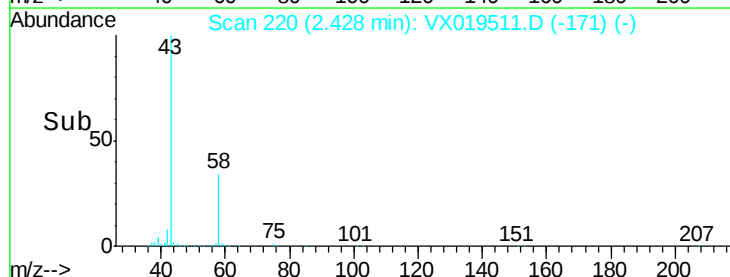
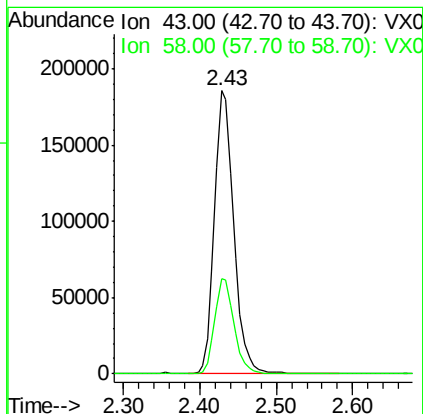
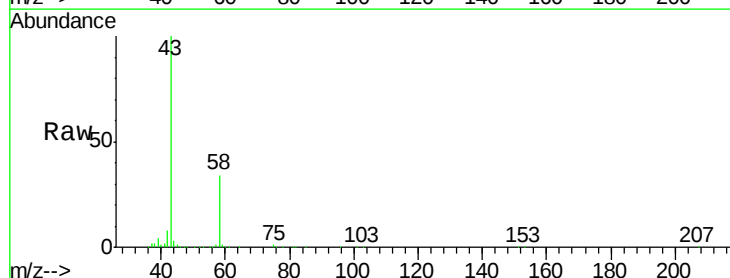
Acq: 20 Nov 2020 22:06

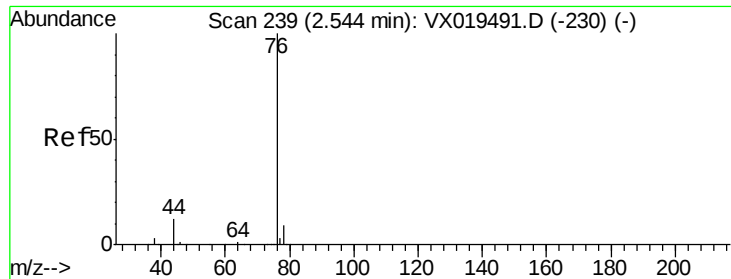
Tgt Ion: 43 Resp: 326102

Ion Ratio Lower Upper

43 100

58 33.5 27.4 41.2

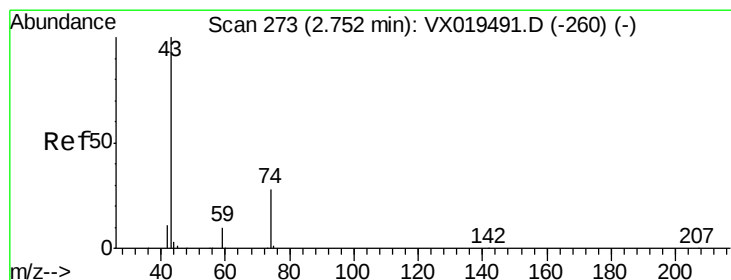
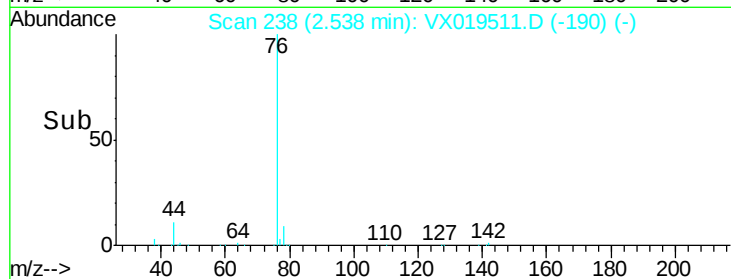
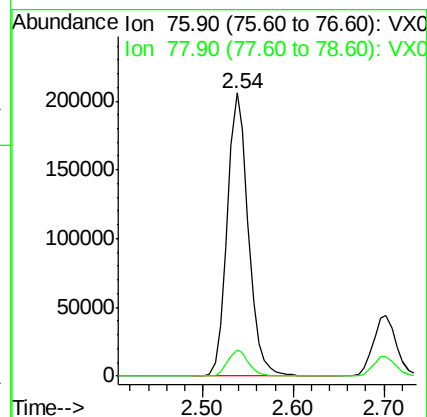
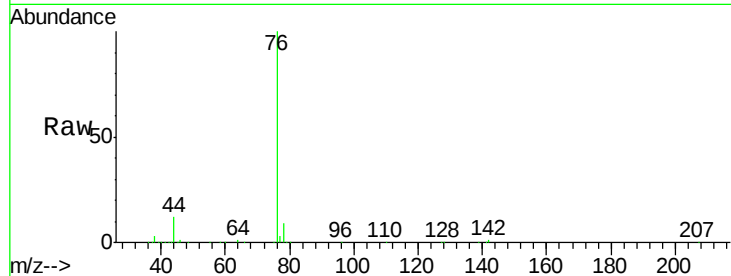




#17
Carbon Disulfide
Concen: 49.019 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

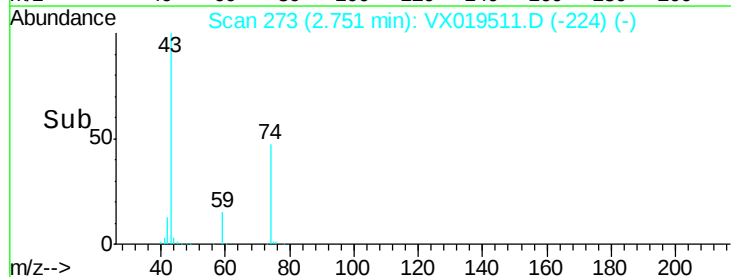
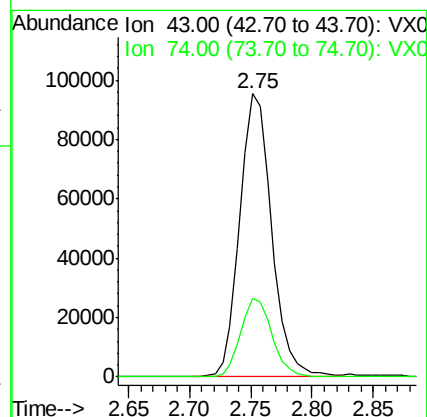
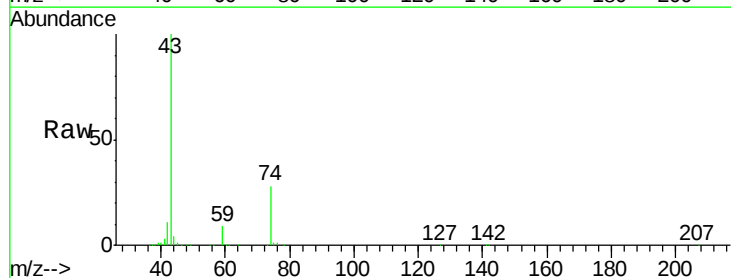
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

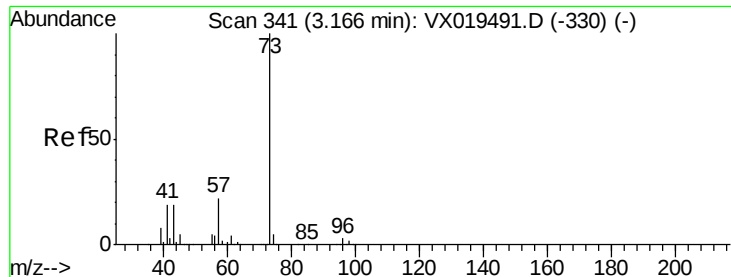
Tot Ion: 76 Resp: 334264
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 54.564 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion: 43 Resp: 171691
Ion Ratio Lower Upper
43 100
74 27.0 22.2 33.4

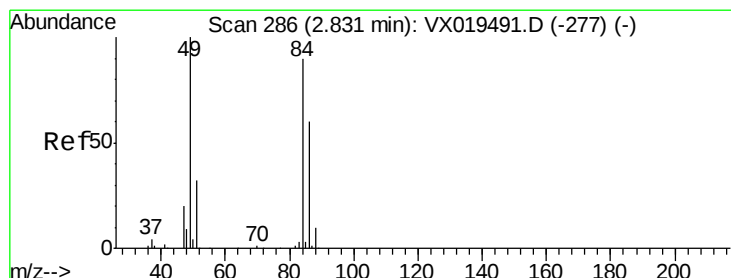
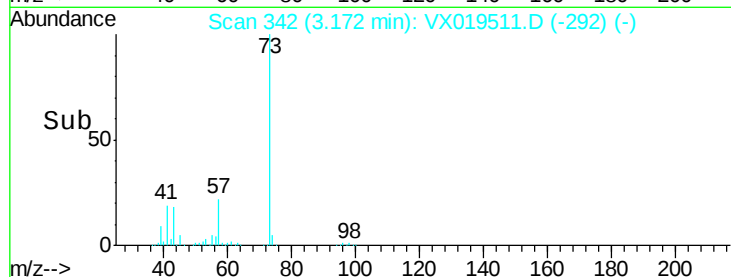
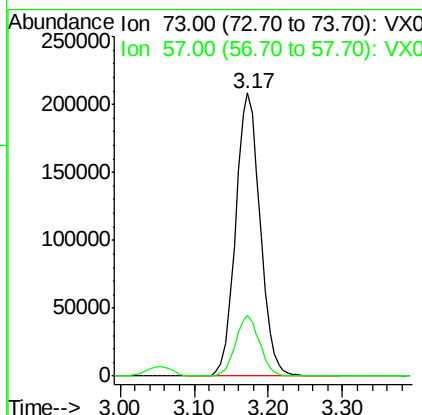
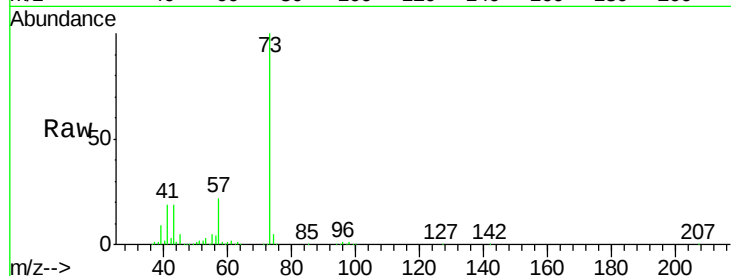




#19
Methyl tert-butyl Ether
Concen: 54.860 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

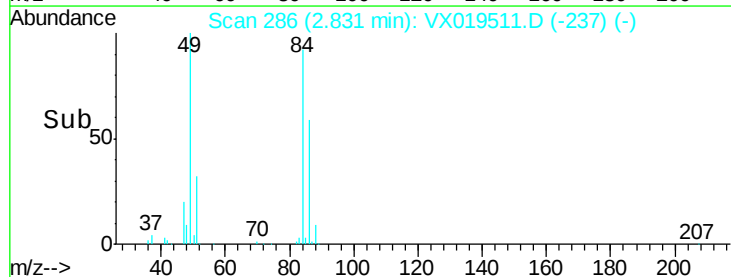
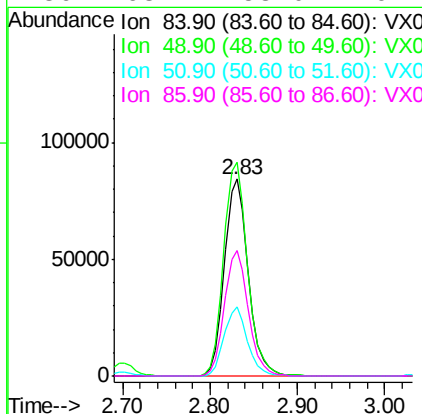
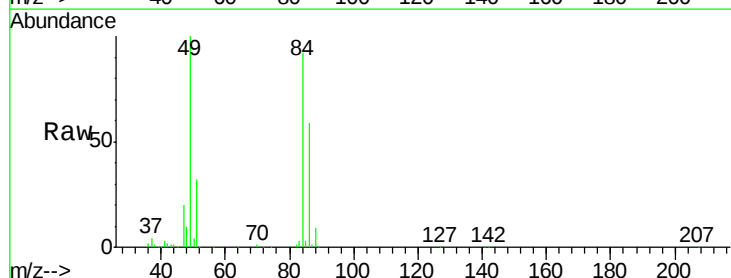
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

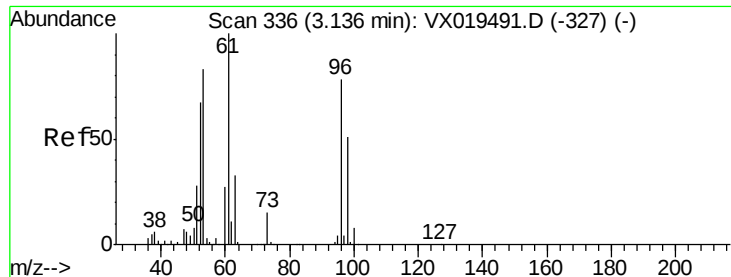
Tot Ion: 73 Resp: 480657
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 49.688 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion: 84 Resp: 159207
Ion Ratio Lower Upper
84 100
49 108.6 88.5 132.7
51 34.9 28.0 42.0
86 63.7 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 52.252 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

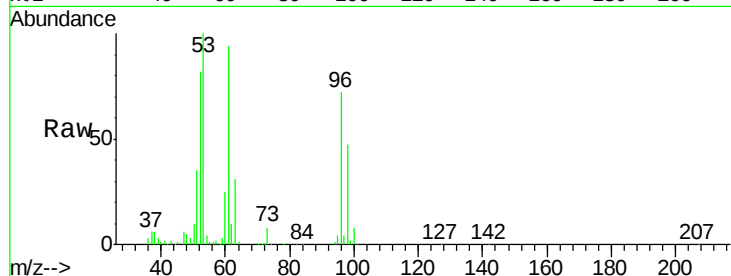
Tot Ion: 96 Resp: 150270

Ion Ratio Lower Upper

96 100

61 129.7 102.9 154.3

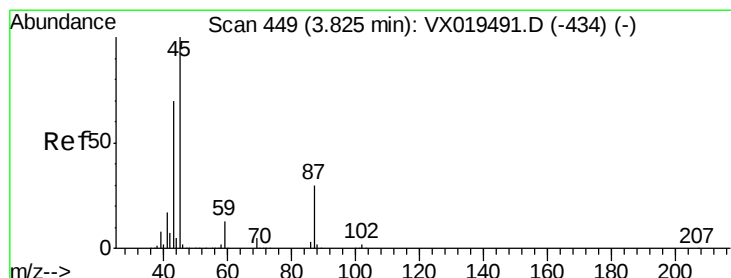
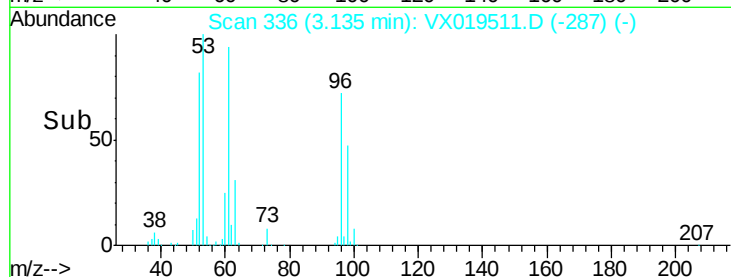
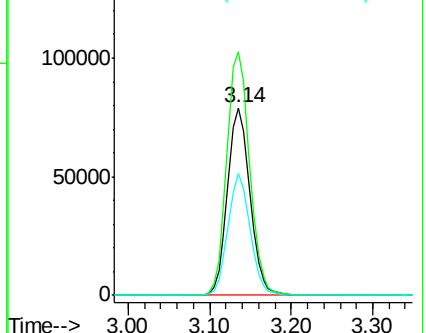
98 64.7 52.1 78.1



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: 54.222 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Tgt Ion: 45 Resp: 446026

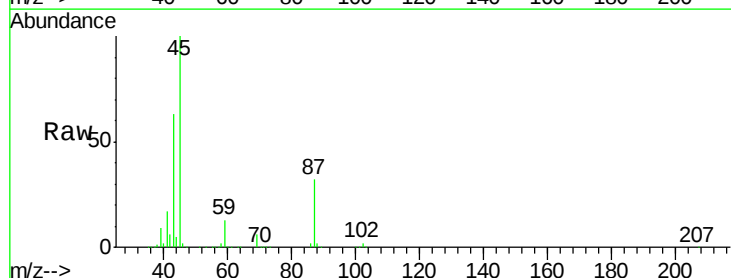
Ion Ratio Lower Upper

45 100

43 62.4 56.1 84.1

87 31.5 24.2 36.2

59 12.8 10.2 15.2

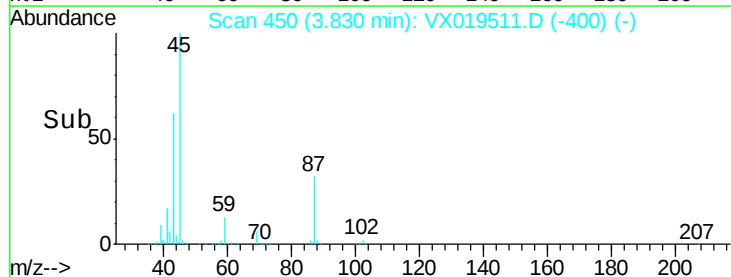
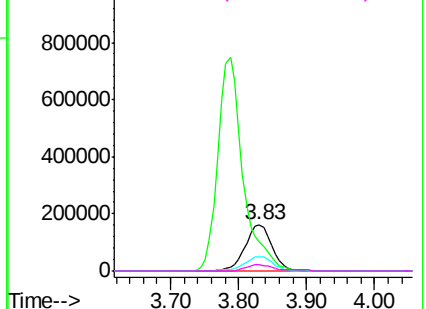


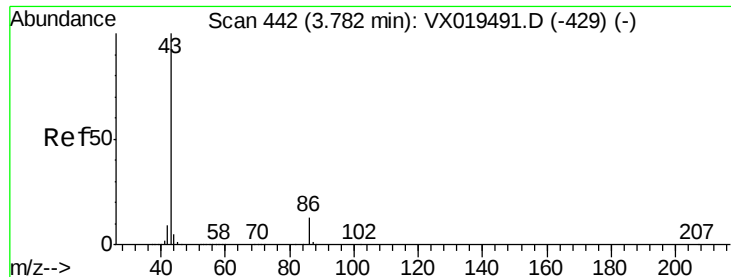
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 279.000 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

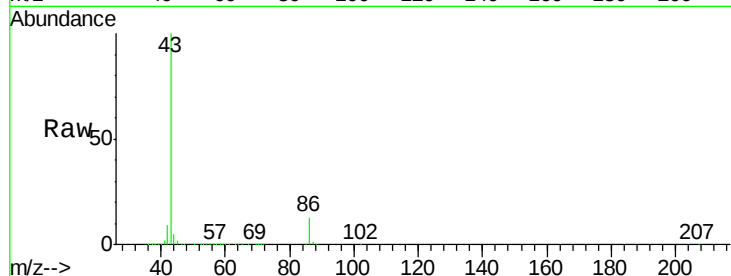
VSTDCCC050

Tot Ion: 43 Resp: 1925042

Ion Ratio Lower Upper

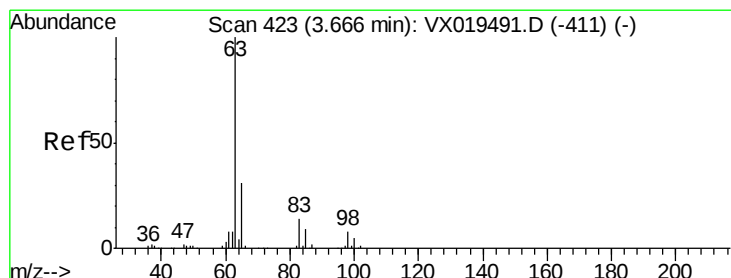
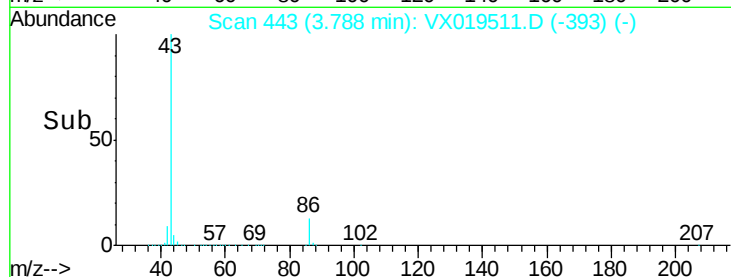
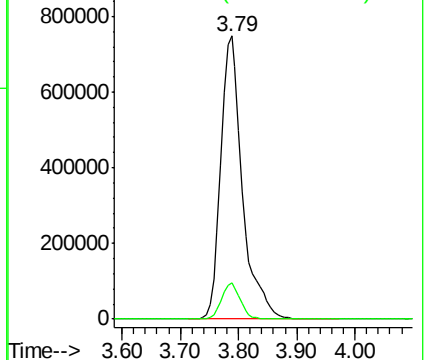
43 100

86 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.428 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

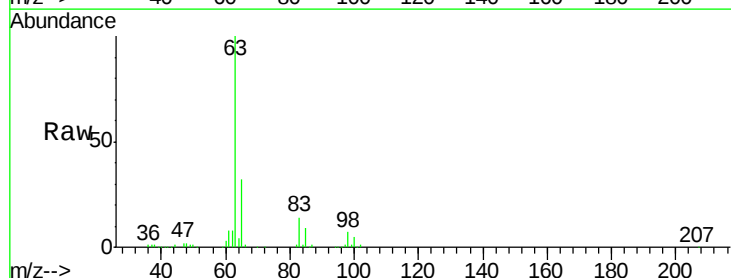
Tgt Ion: 63 Resp: 268817

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

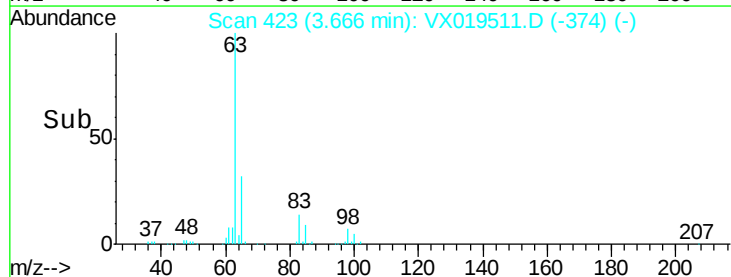
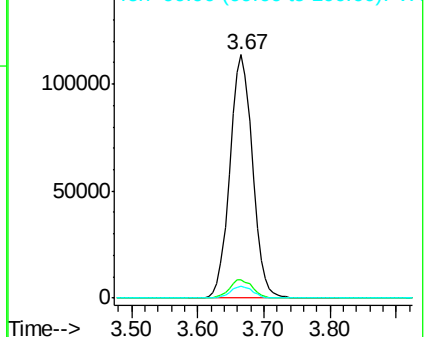
100 4.8 2.4 7.1

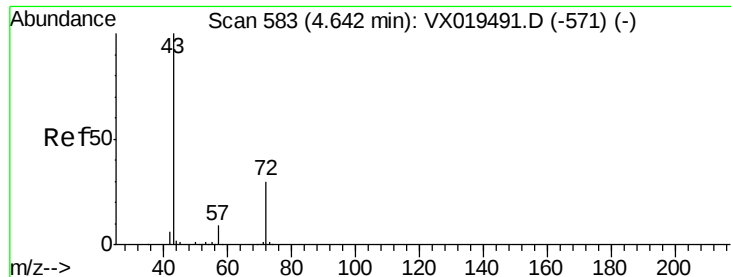


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.574 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

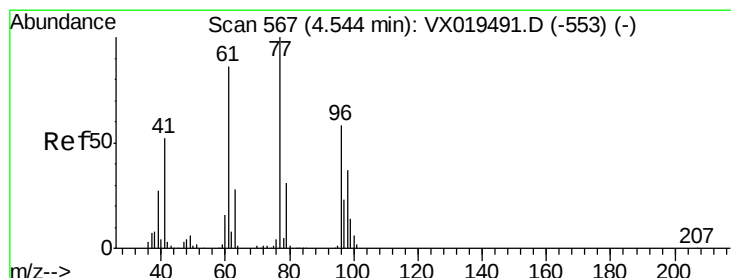
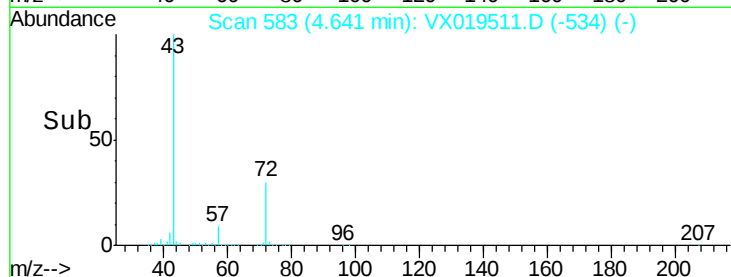
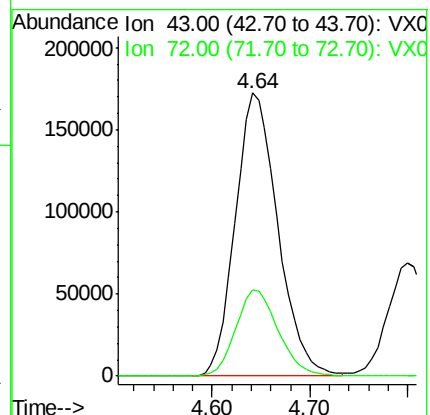
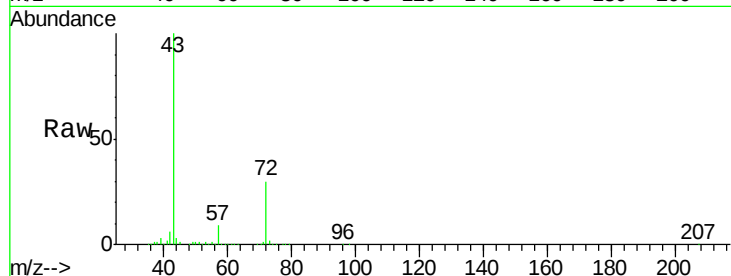
VSTDCCC050

Tot Ion: 43 Resp: 517205

Ion Ratio Lower Upper

43 100

72 30.2 24.0 36.0



#26

2,2-Dichloropropane

Concen: 46.418 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019511.D

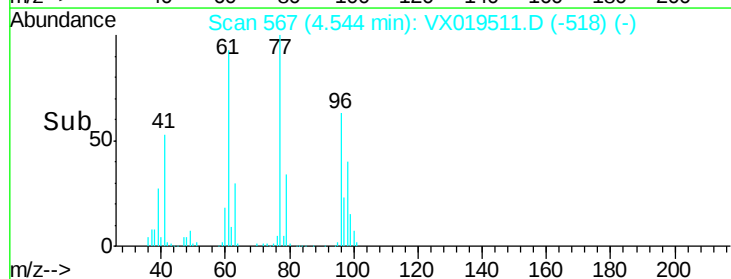
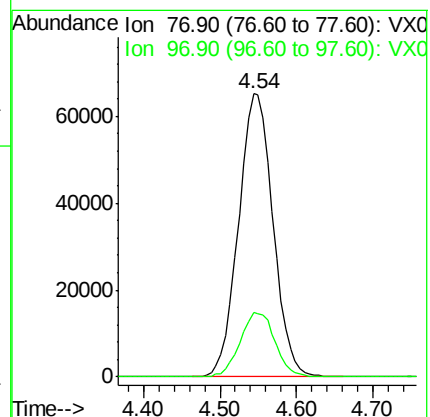
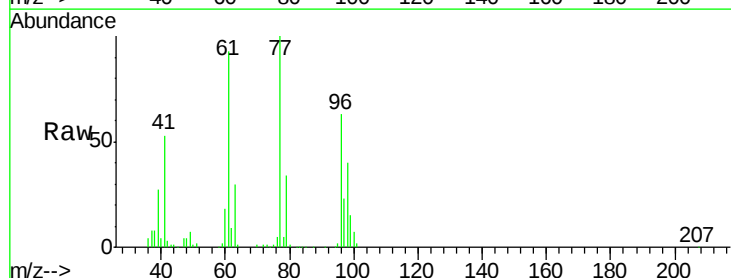
Acq: 20 Nov 2020 22:06

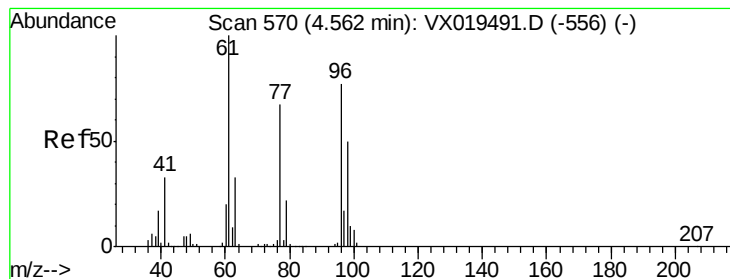
Tgt Ion: 77 Resp: 203854

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



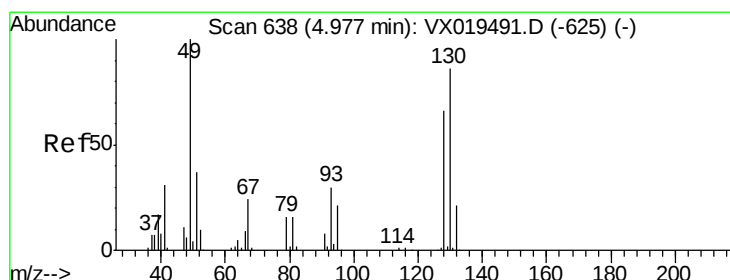
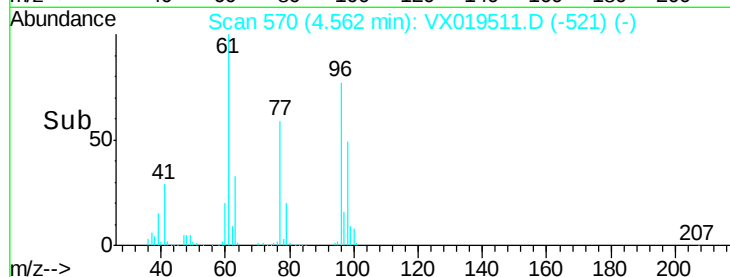
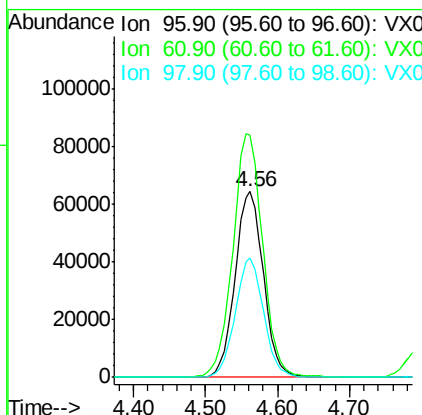
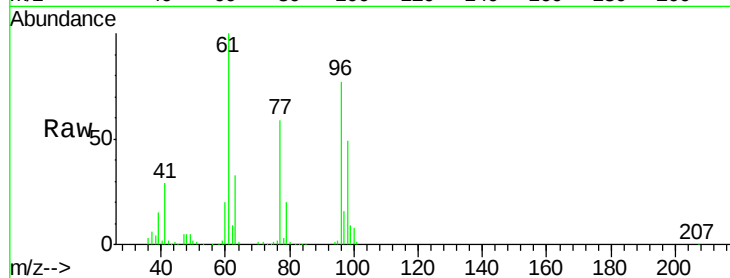


#27

cis-1,2-Dichloroethene
Concen: 53.323 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

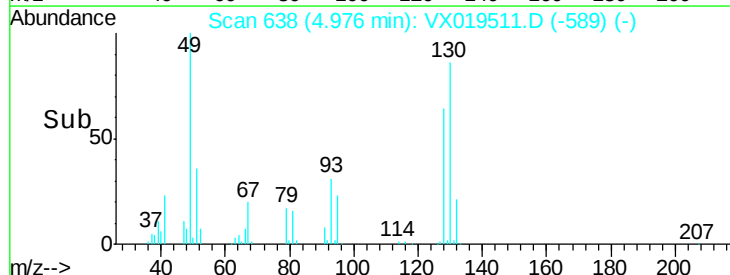
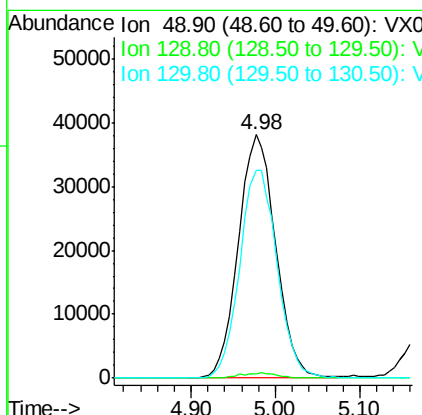
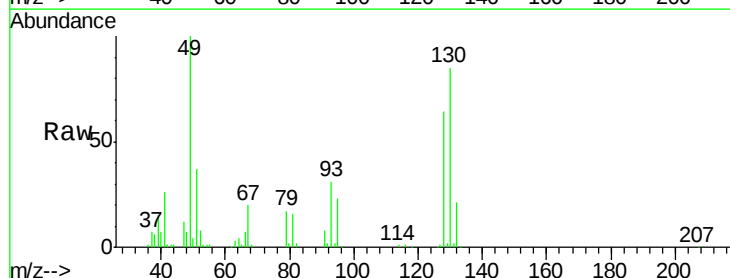
Tot Ion: 96 Resp: 176150
Ion Ratio Lower Upper
96 100
61 138.0 0.0 279.2
98 64.2 0.0 129.8

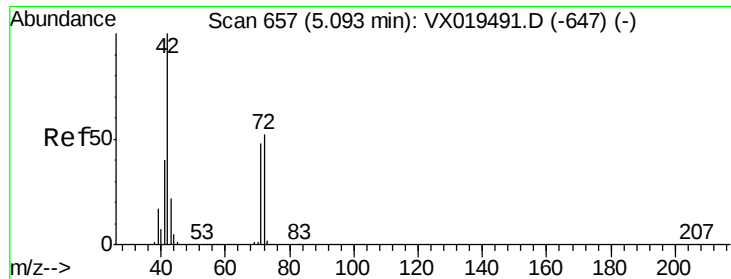


#28

Bromochloromethane
Concen: 47.628 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion: 49 Resp: 114571
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 85.6 69.0 103.6

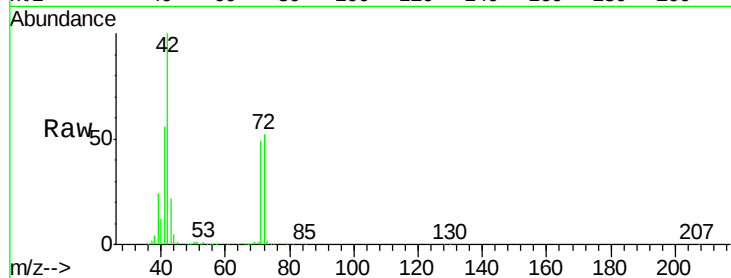




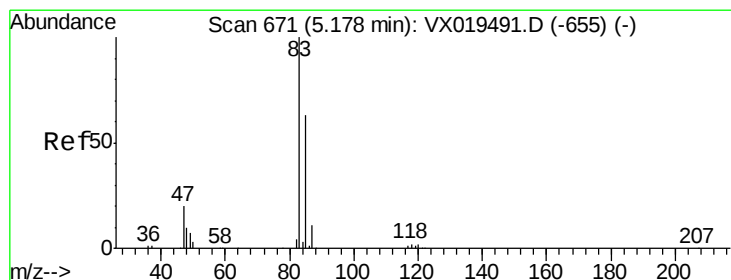
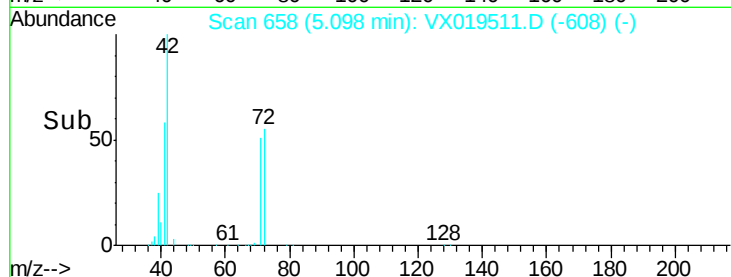
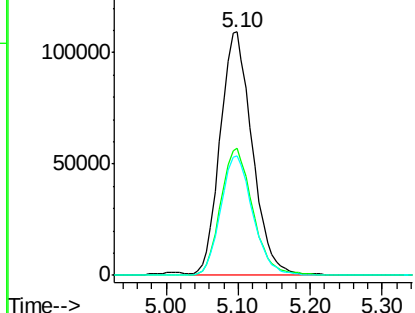
#29
Tetrahydrofuran
Concen: 275.061 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 337972
Ion Ratio Lower Upper
42 100
72 52.5 42.6 63.8
71 49.1 39.0 58.6

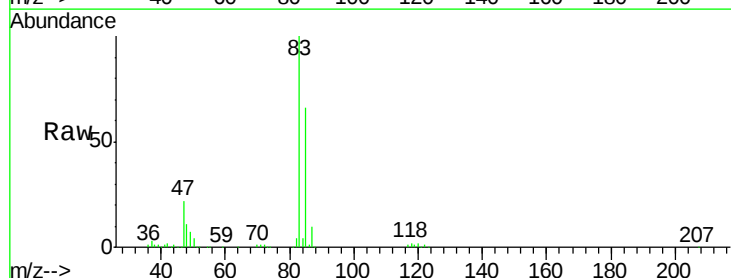


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

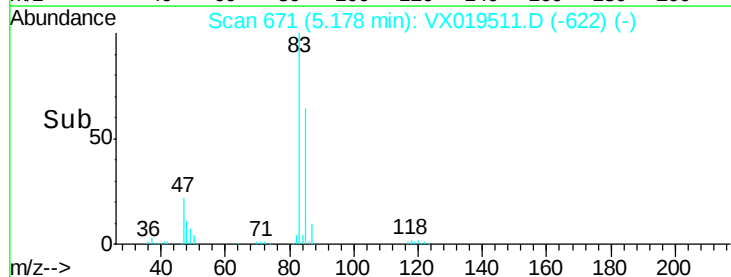
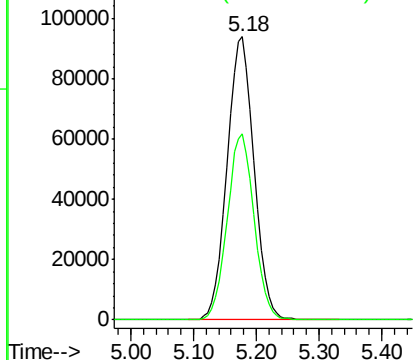


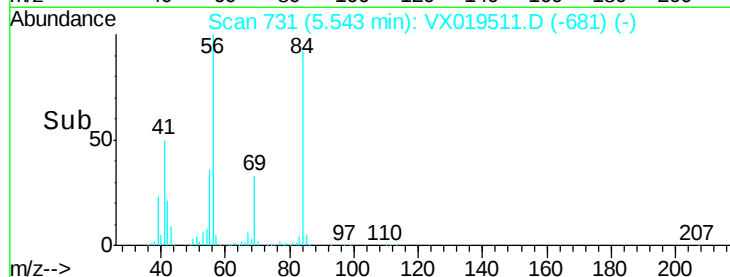
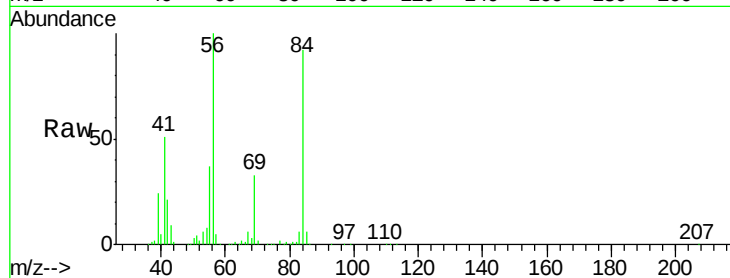
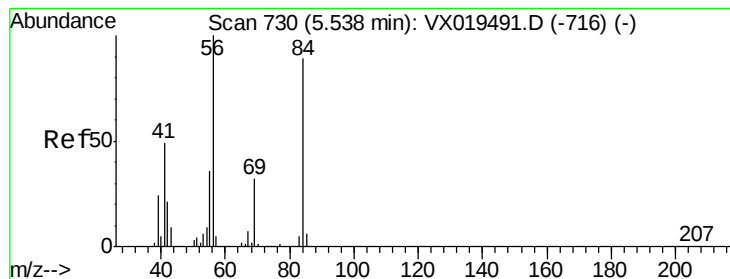
#30
Chloroform
Concen: 53.101 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion: 83 Resp: 279367
Ion Ratio Lower Upper
83 100
85 65.5 50.5 75.7



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





#31

Cyclohexane

Concen: 52.328 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

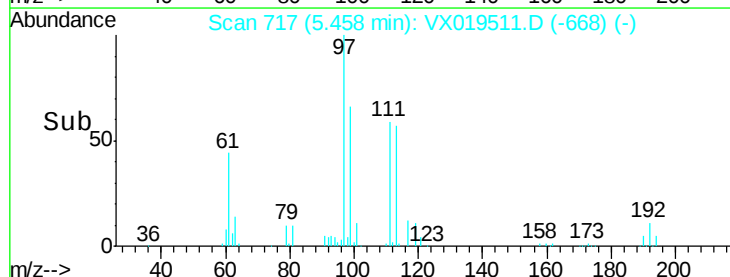
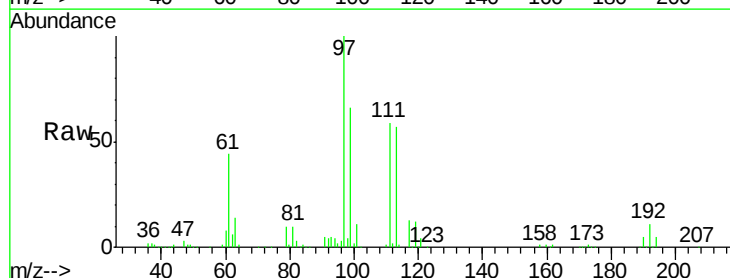
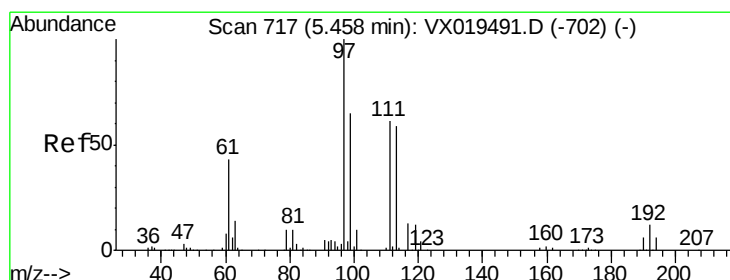
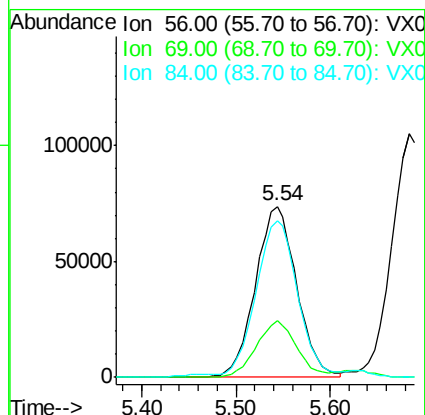
Tot Ion: 56 Resp: 225612

Ion Ratio Lower Upper

56 100

69 33.0 25.5 38.3

84 90.5 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 53.621 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

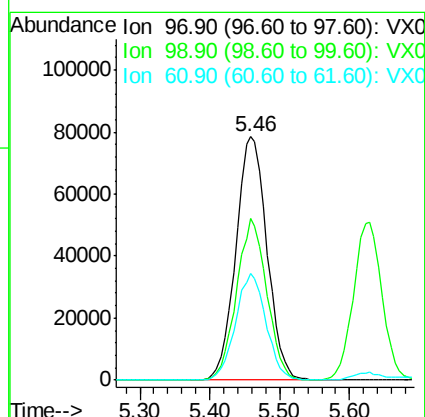
Tgt Ion: 97 Resp: 242326

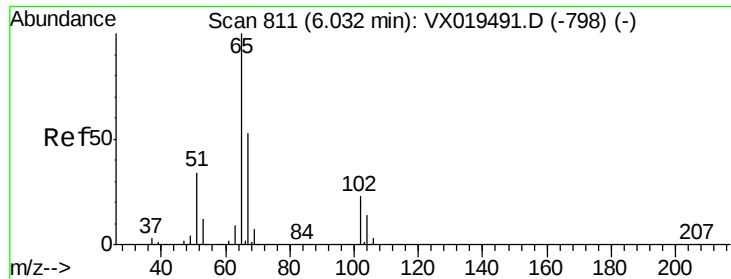
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 43.0 34.2 51.2

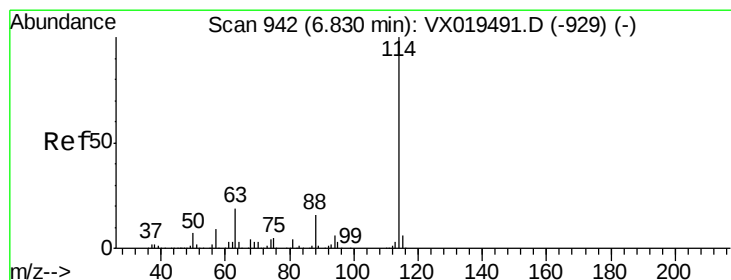
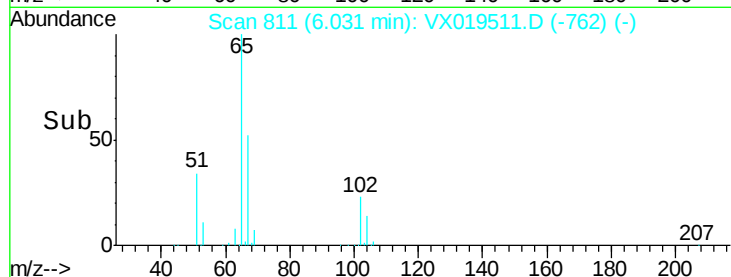
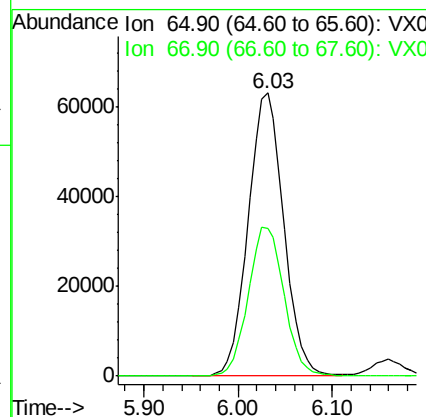
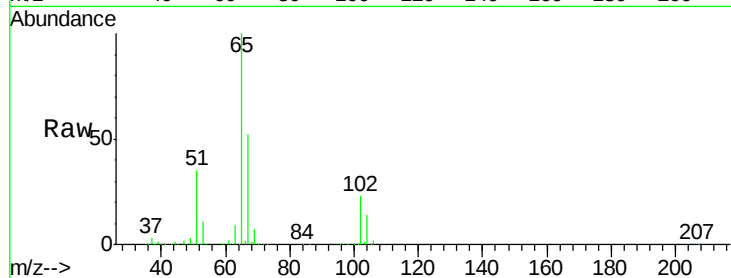




#33
 1,2-Dichloroethane-d4
 Concen: 50.440 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

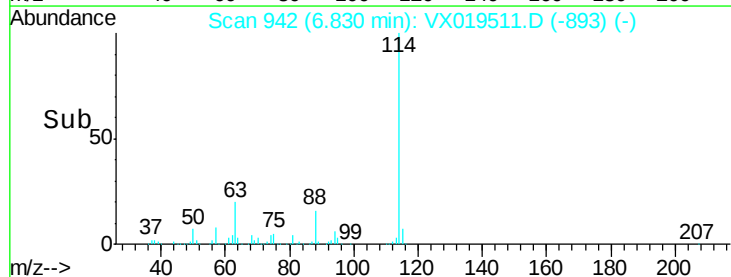
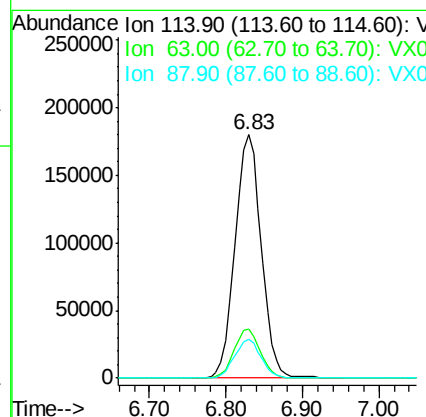
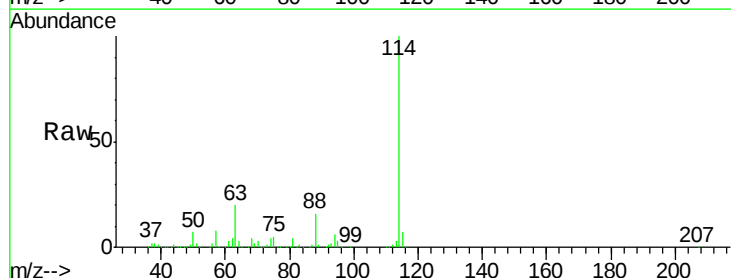
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

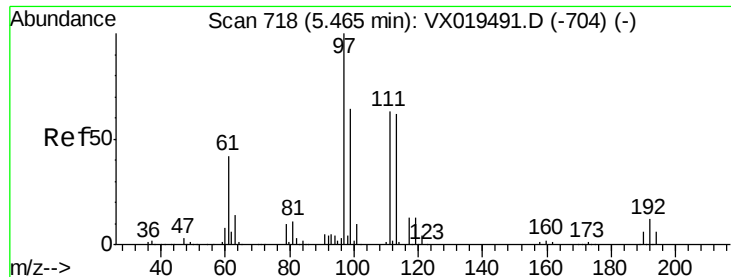
Tot Ion: 65 Resp: 167206
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion: 114 Resp: 427312
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.8
 88 15.9 0.0 31.6

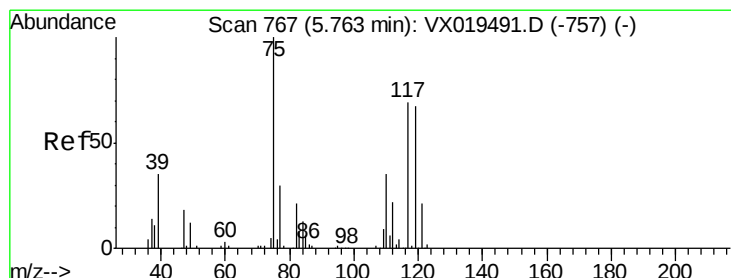
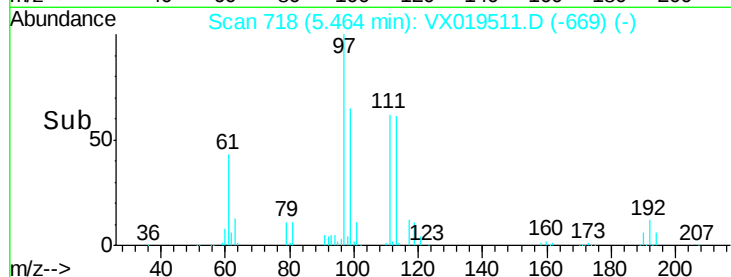
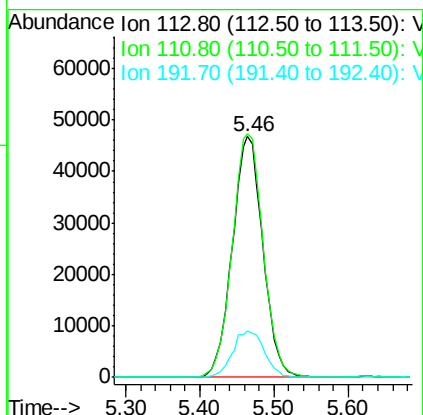
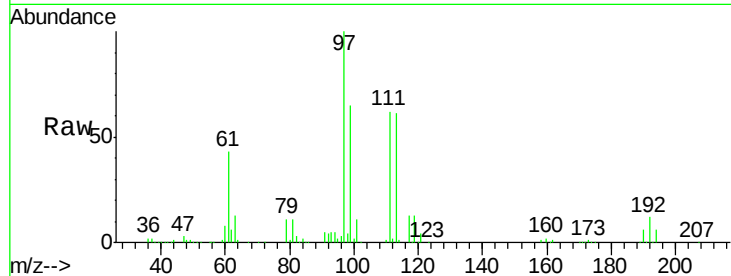




#35
Dibromofluoromethane
Concen: 50.133 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

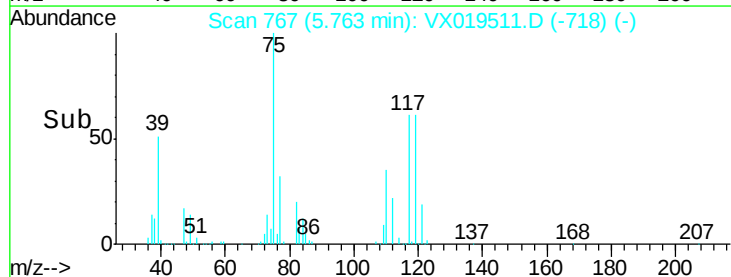
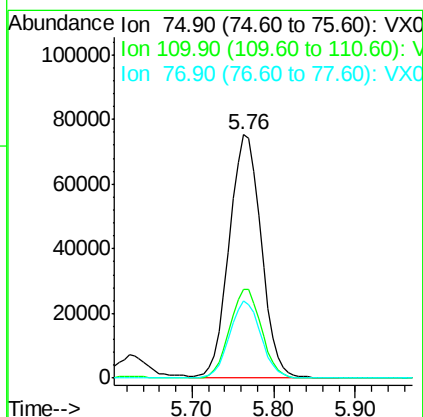
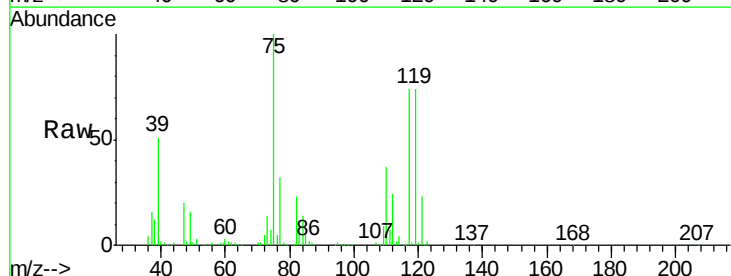
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

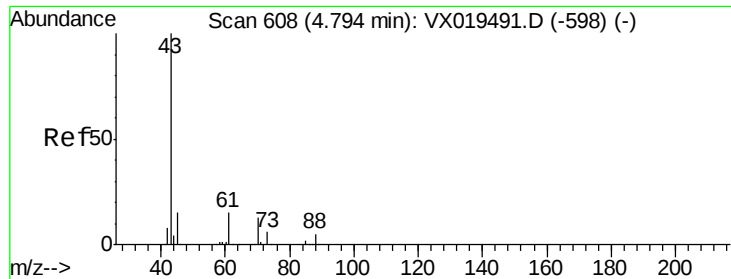
Tot Ion:113 Resp: 134469
Ion Ratio Lower Upper
113 100
111 102.3 81.5 122.3
192 20.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 50.880 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion: 75 Resp: 203828
Ion Ratio Lower Upper
75 100
110 36.3 18.1 54.3
77 31.3 24.2 36.4

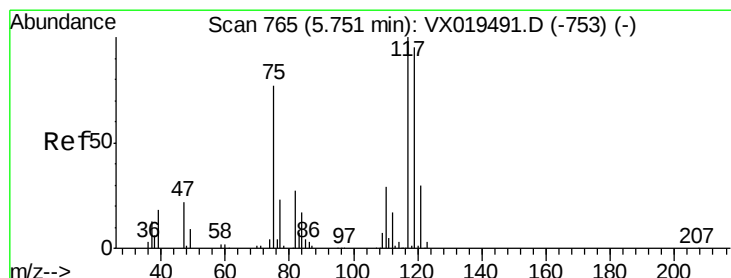
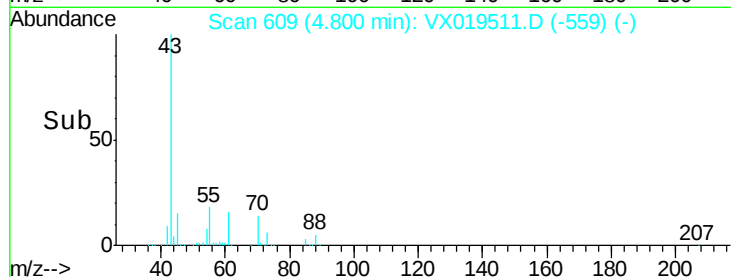
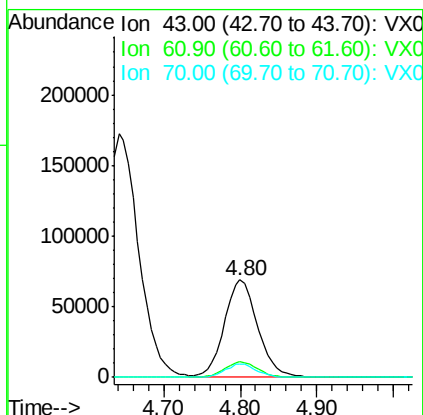
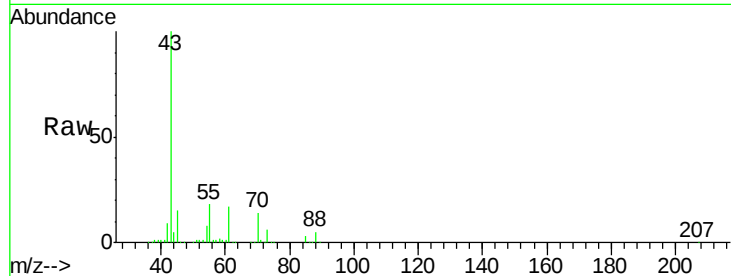




#37
Ethyl Acetate
Concen: 55.146 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

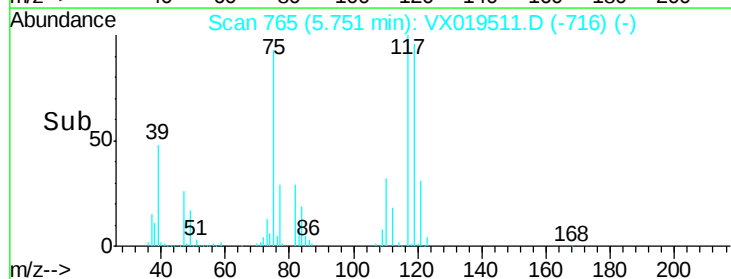
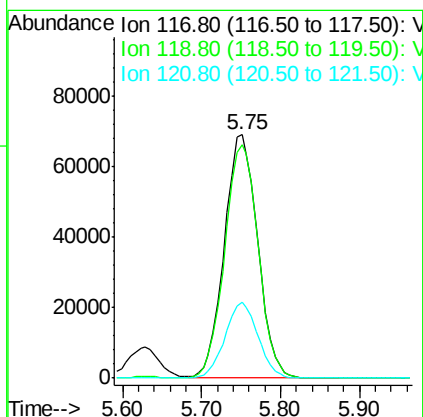
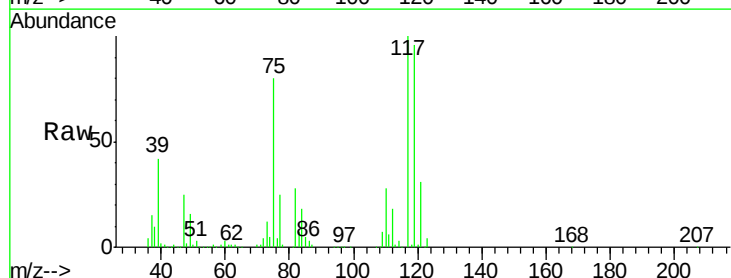
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

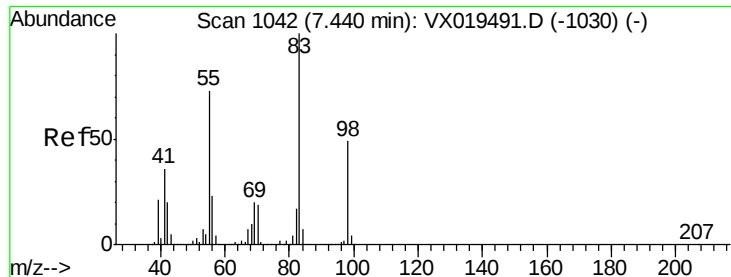
Tot Ion: 43 Resp: 207396
Ion Ratio Lower Upper
43 100
61 15.8 12.7 19.1
70 13.0 10.2 15.2



#38
Carbon Tetrachloride
Concen: 52.396 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion: 117 Resp: 203170
Ion Ratio Lower Upper
117 100
119 96.0 75.9 113.9
121 31.3 24.0 36.0

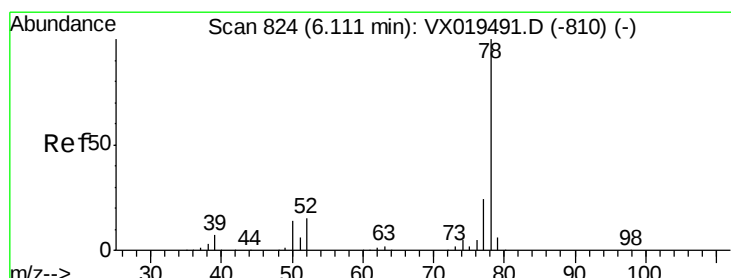
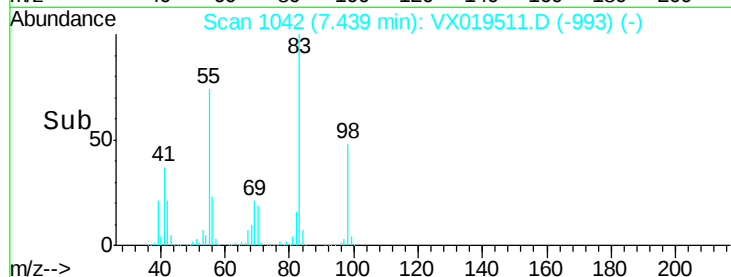
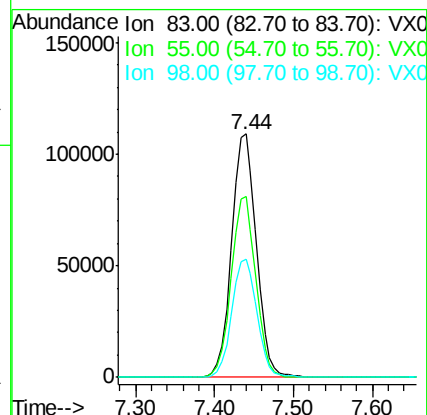
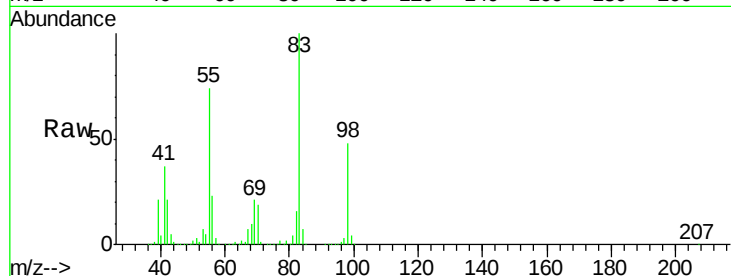




#39
Methvlcvclohexane
Concen: 51.090 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

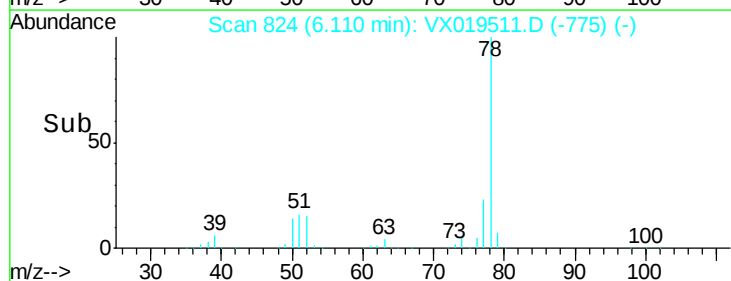
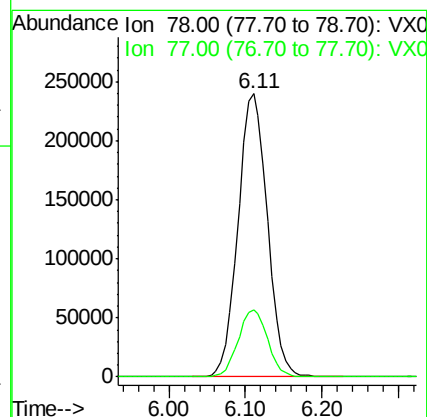
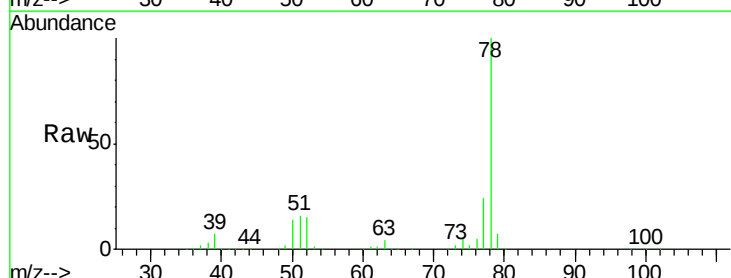
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

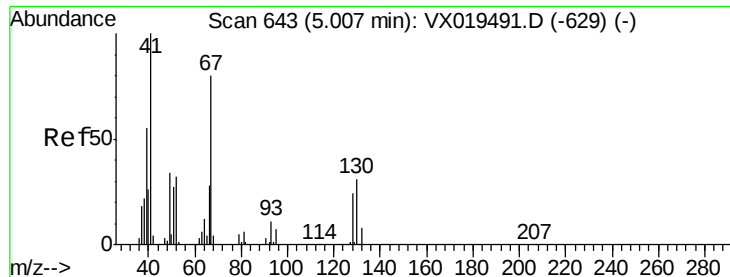
Tot Ion	83	Resp	238308
Ion	Ratio	Lower	Upper
83	100		
55	74.3	58.3	87.5
98	48.5	38.9	58.3



#40
Benzene
Concen: 51.712 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion	78	Resp	636508
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3





#41

Methacrylonitrile

Concen: 53.309 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 110559

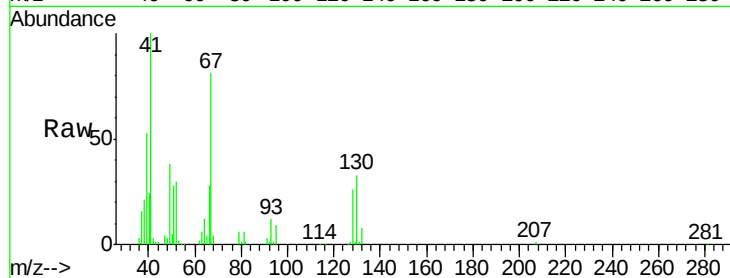
Ion Ratio Lower Upper

41 100

39 53.4 43.3 64.9

67 83.5 66.0 99.0

52 32.3 25.4 38.2

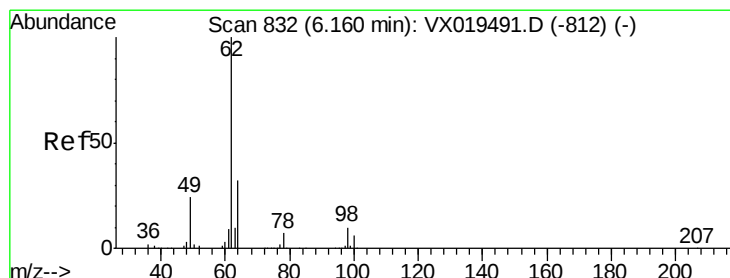
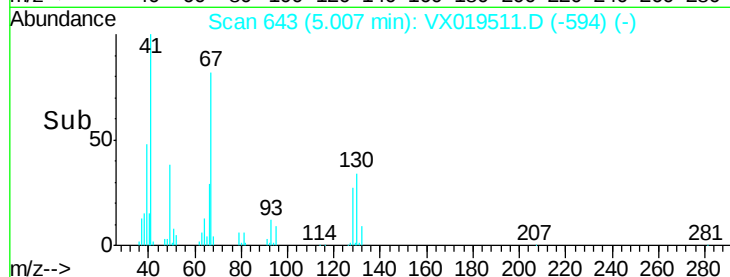
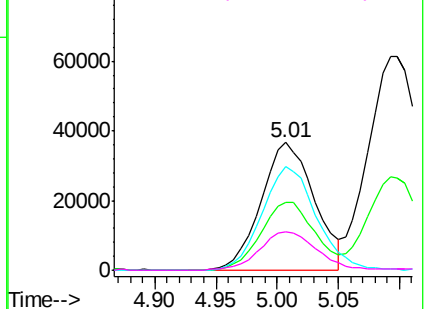


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.884 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019511.D

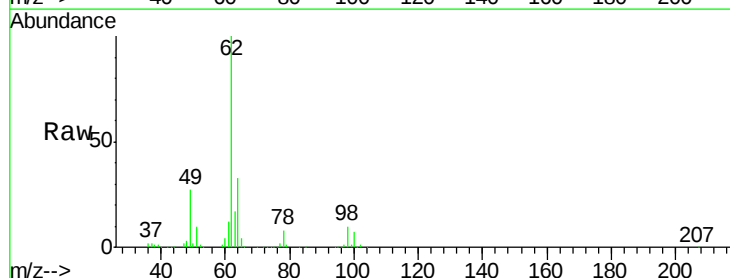
Acq: 20 Nov 2020 22:06

Tgt Ion: 62 Resp: 218892

Ion Ratio Lower Upper

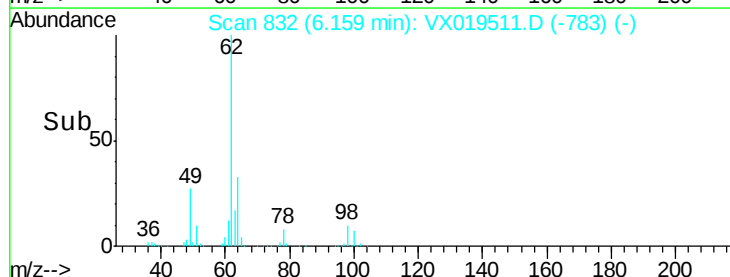
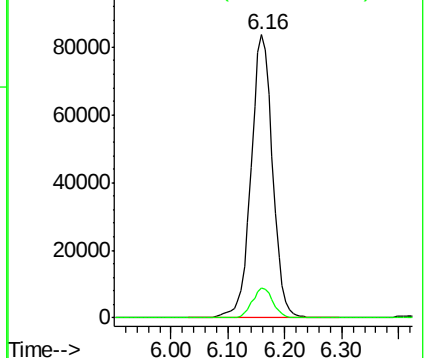
62 100

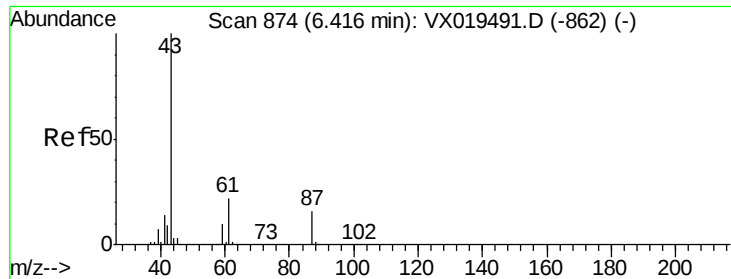
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



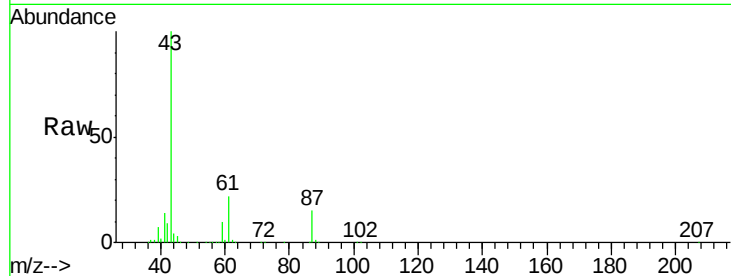


#43

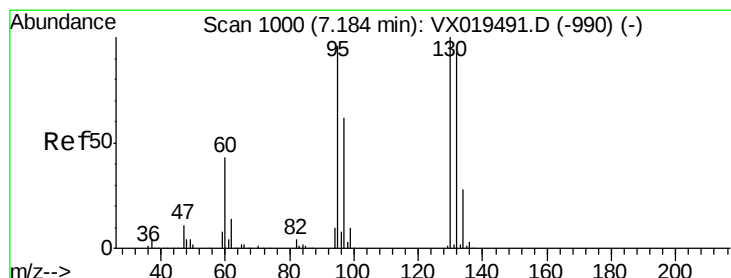
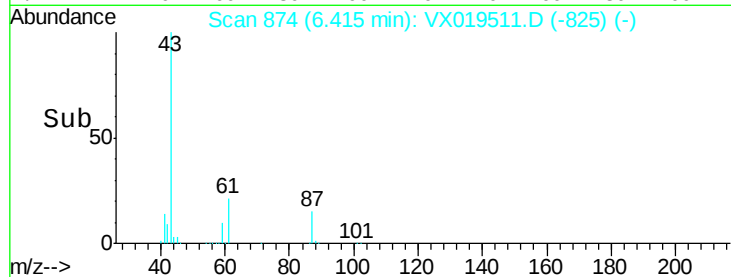
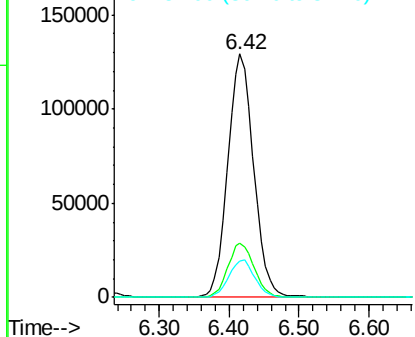
Isopropyl Acetate
 Concen: 52.297 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.5	12.6	18.8



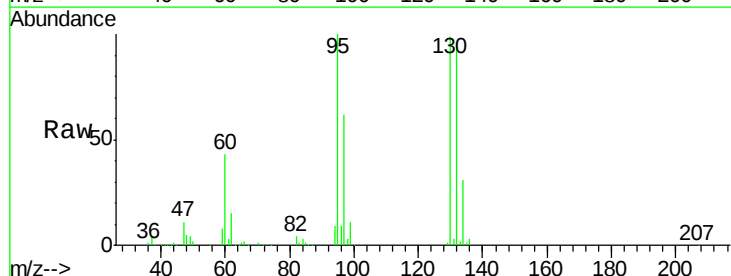
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



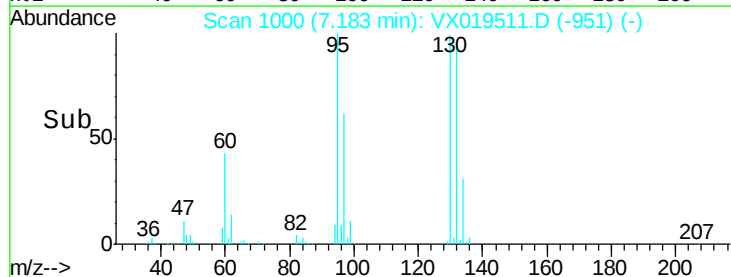
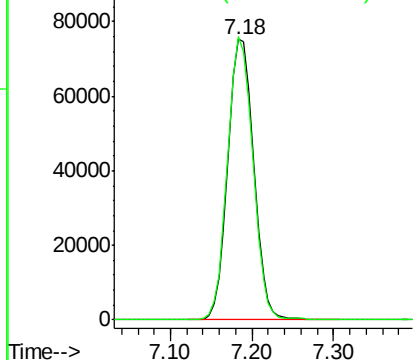
#44

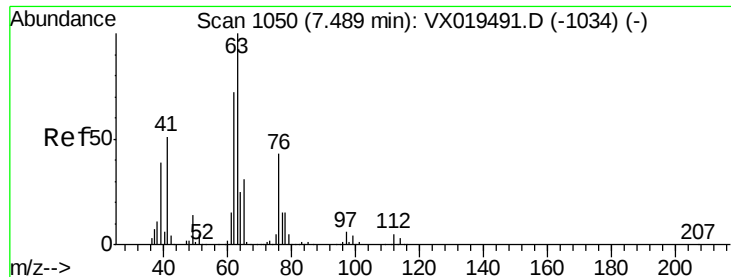
Trichloroethene
 Concen: 51.257 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	191.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.556 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

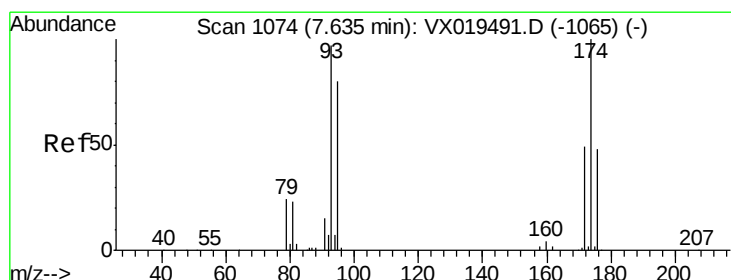
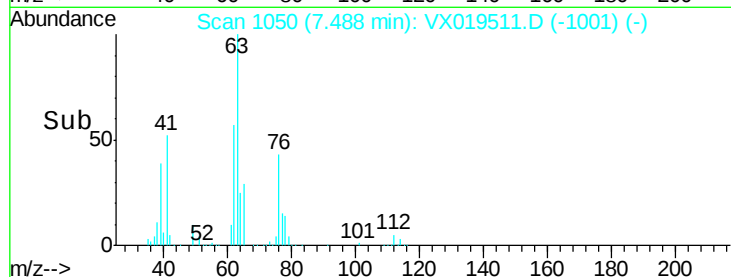
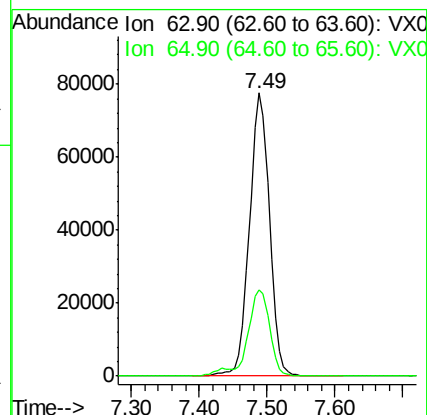
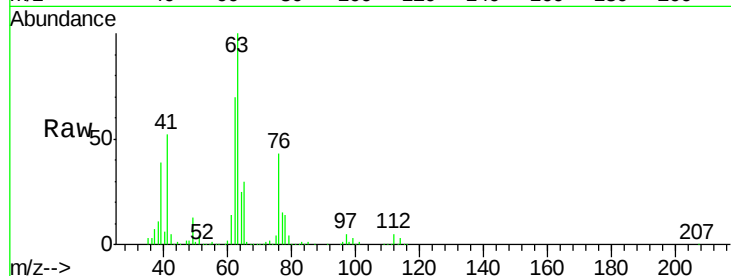
VSTDCCC050

Tot Ion: 63 Resp: 159252

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.4



#46

Dibromomethane

Concen: 52.517 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

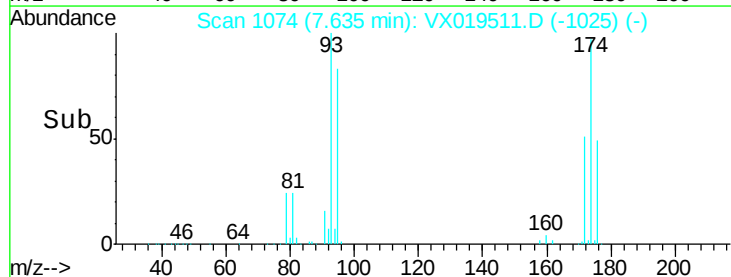
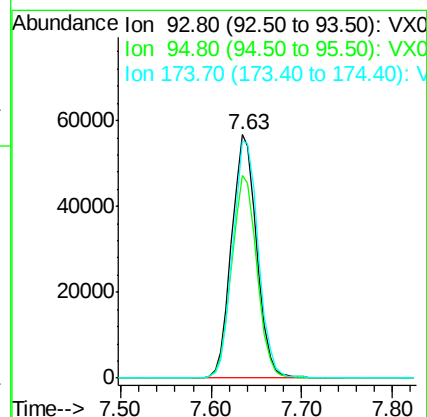
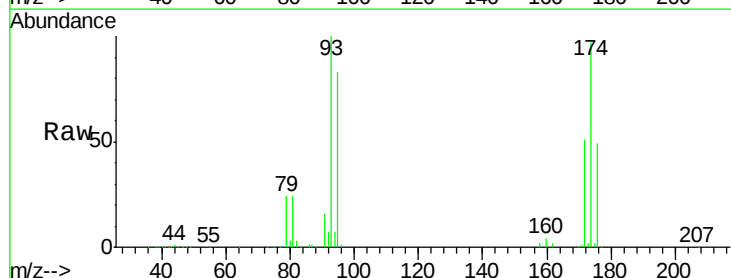
Tgt Ion: 93 Resp: 108915

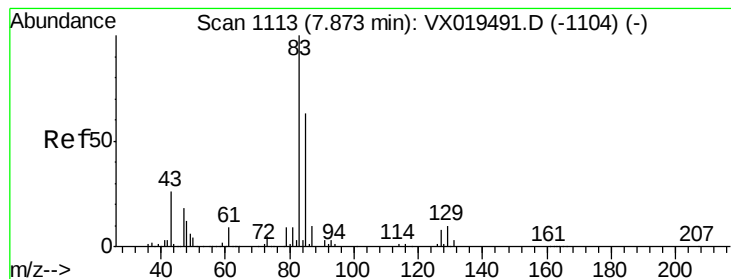
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 99.3 83.0 124.4





#47

Bromodichloromethane

Concen: 52.662 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

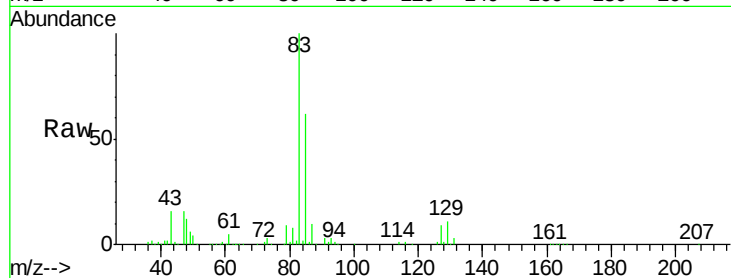
Tot Ion: 83 Resp: 211929

Ion Ratio Lower Upper

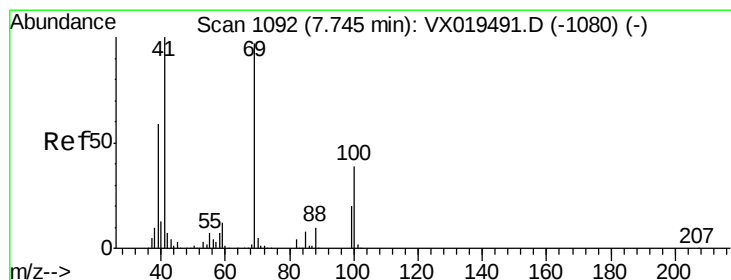
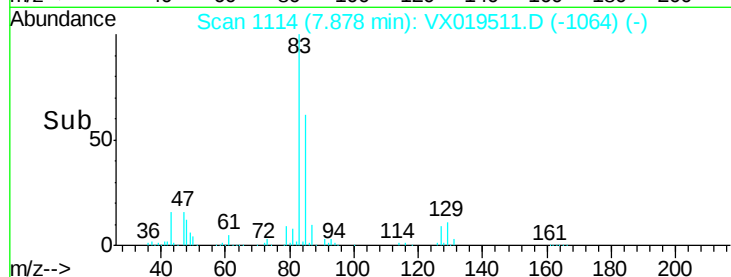
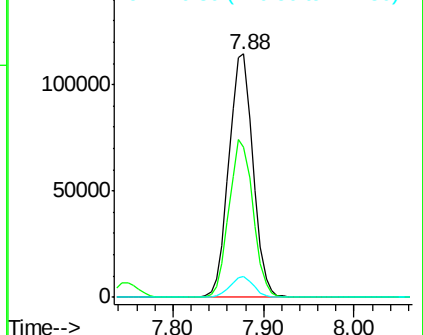
83 100

85 61.8 50.2 75.2

127 8.5 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: 54.737 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

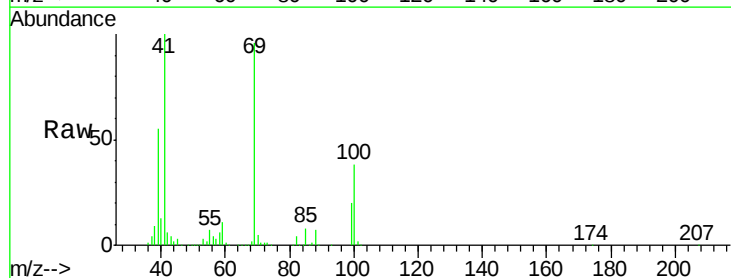
Tgt Ion: 41 Resp: 162063

Ion Ratio Lower Upper

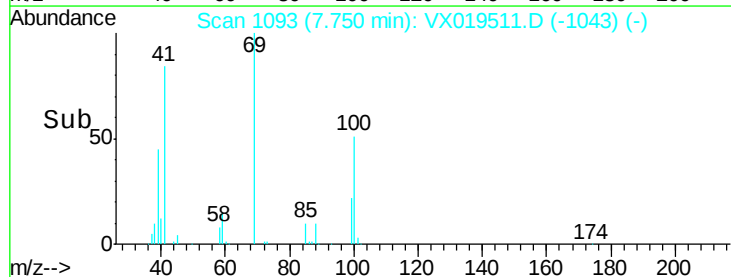
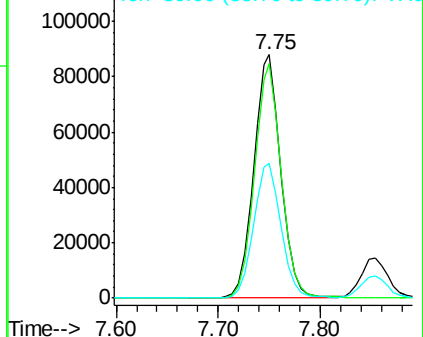
41 100

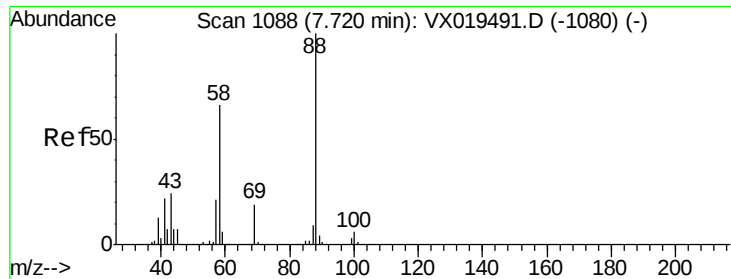
69 95.5 77.0 115.6

39 56.3 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

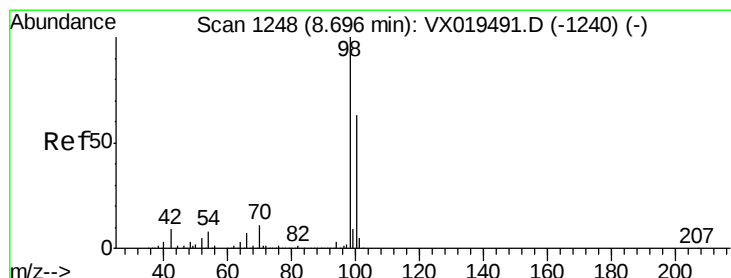
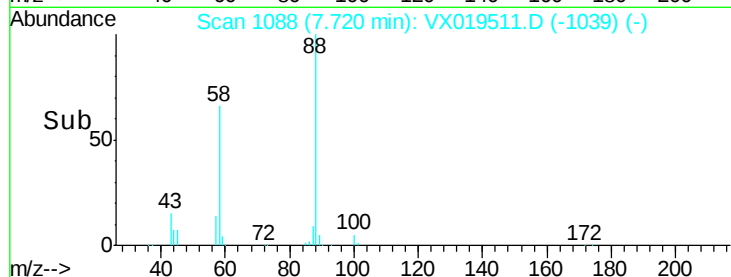
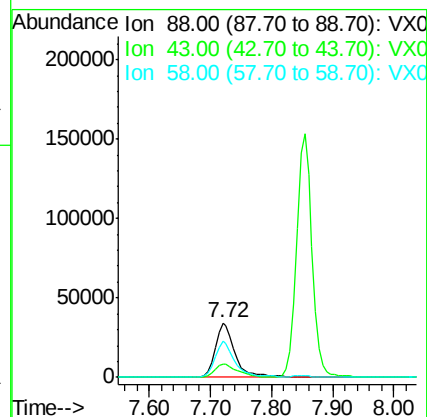
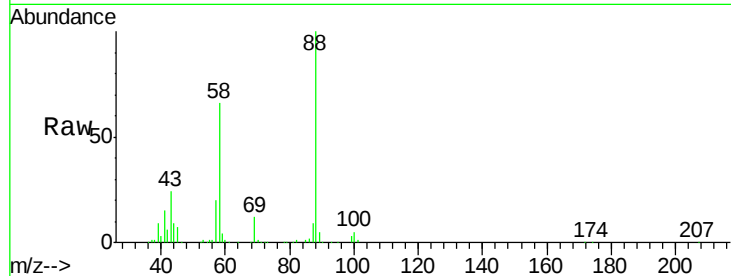




#49
1,4-Dioxane
Concen: 1158.123 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

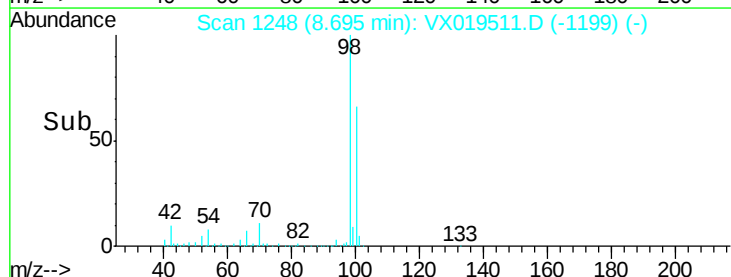
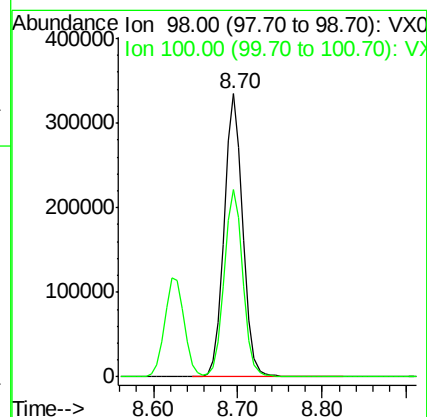
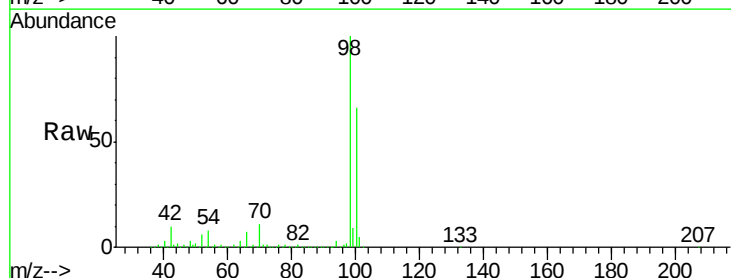
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

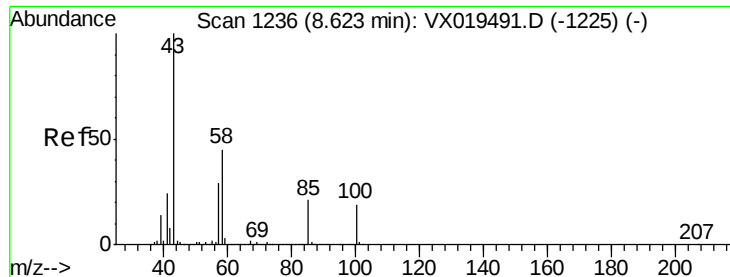
Tot Ion: 88 Resp: 77855
Ion Ratio Lower Upper
88 100
43 28.0 23.8 35.6
58 66.6 54.2 81.2



#50
Toluene-d8
Concen: 48.926 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion: 98 Resp: 509947
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 276.162 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

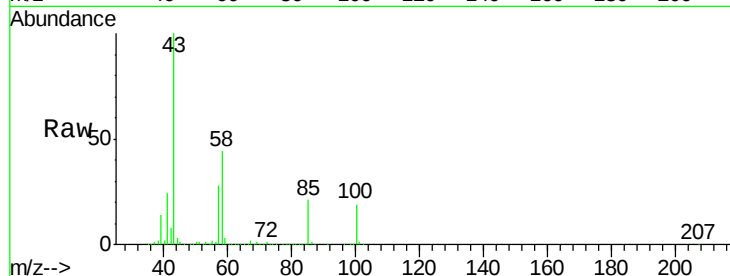
VSTDCCC050

Tot Ion: 43 Resp: 1018088

Ion Ratio Lower Upper

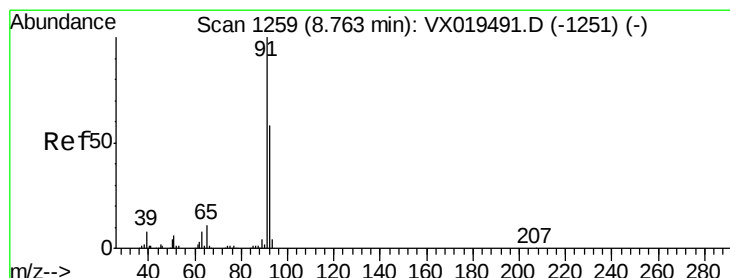
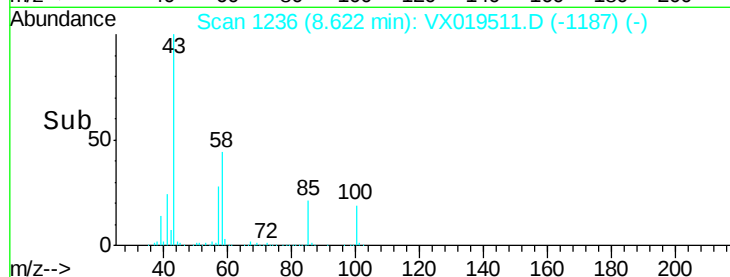
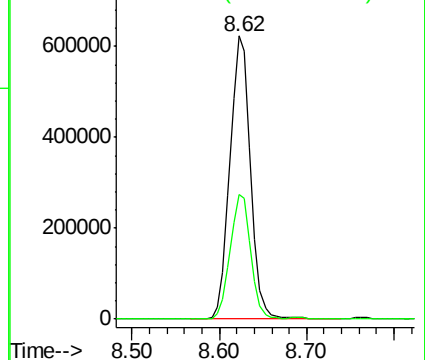
43 100

58 44.2 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.968 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019511.D

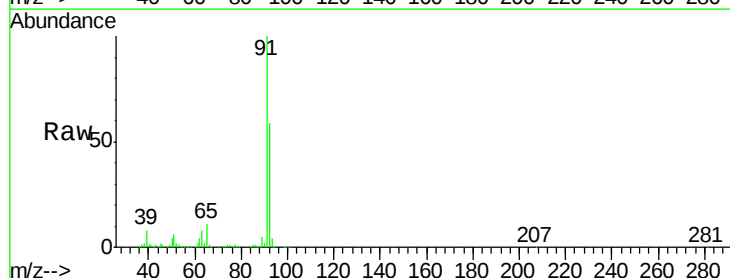
Acq: 20 Nov 2020 22:06

Tgt Ion: 92 Resp: 391306

Ion Ratio Lower Upper

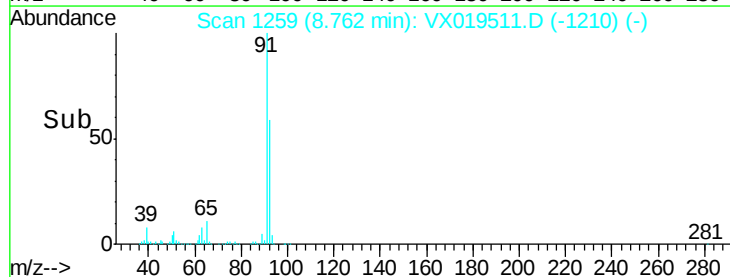
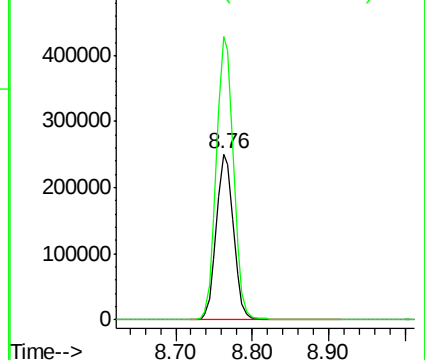
92 100

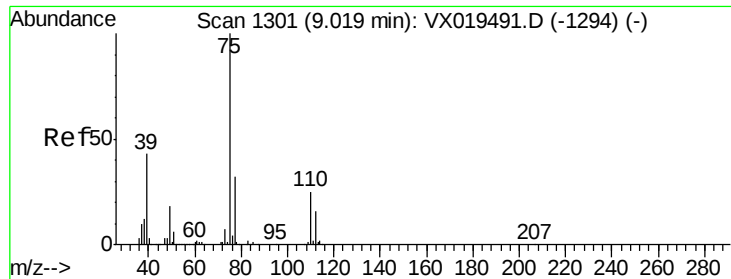
91 171.2 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.243 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

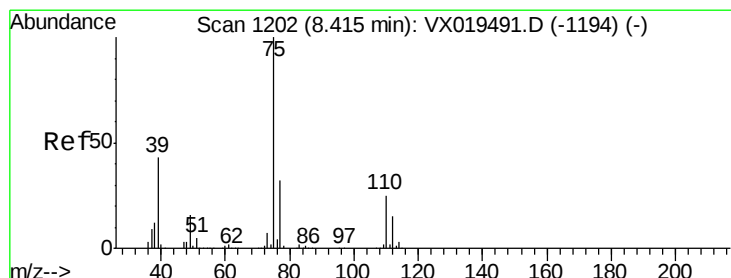
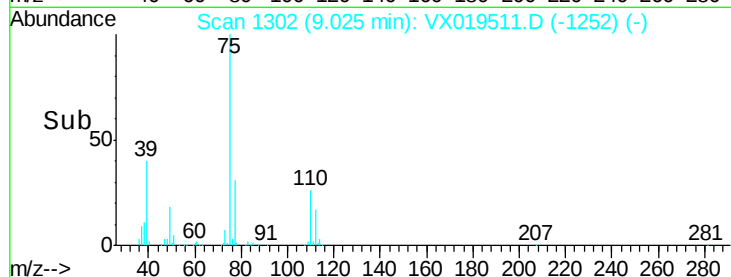
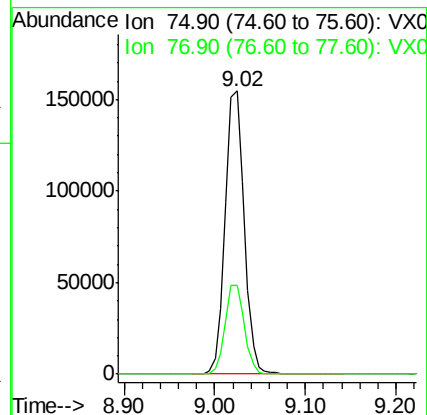
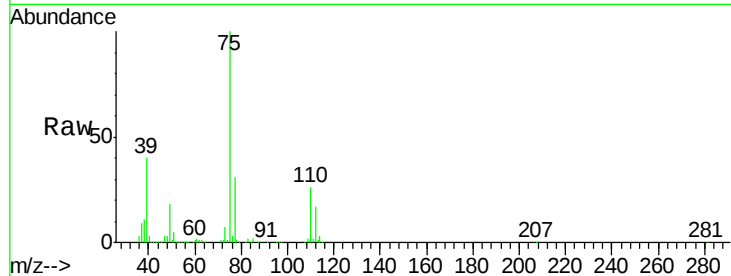
VSTDCCC050

Tot Ion: 75 Resp: 227061

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 52.483 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

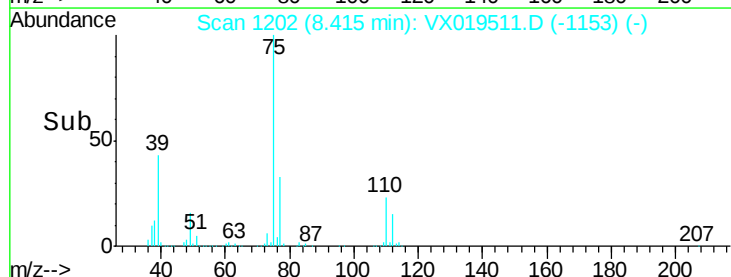
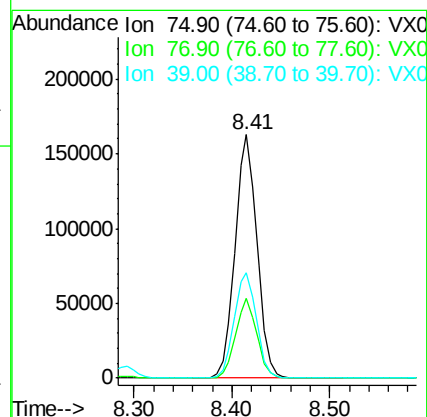
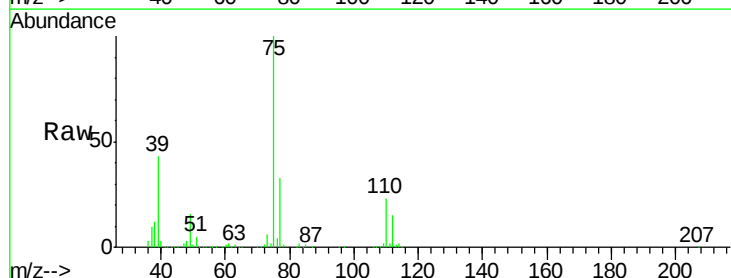
Tgt Ion: 75 Resp: 253140

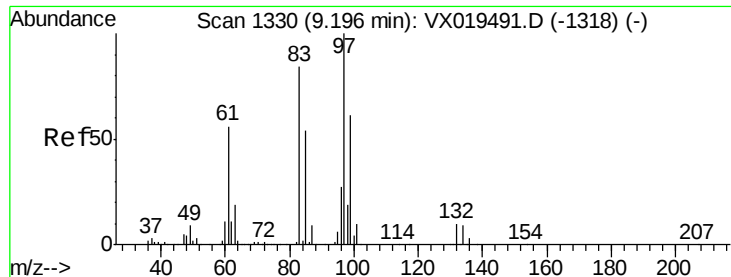
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

39 43.0 34.6 51.8

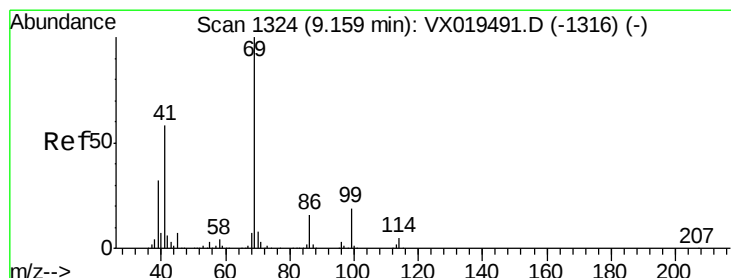
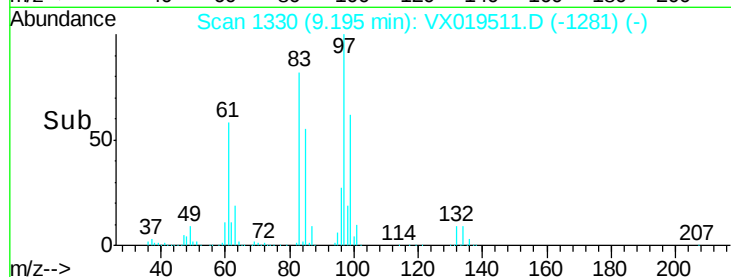
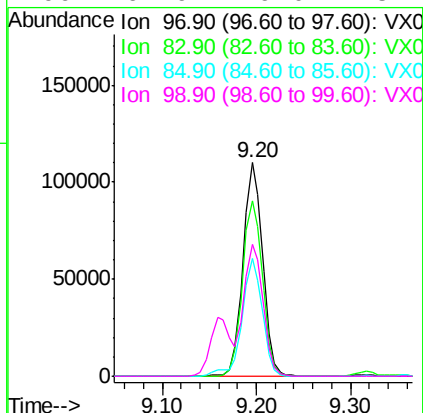
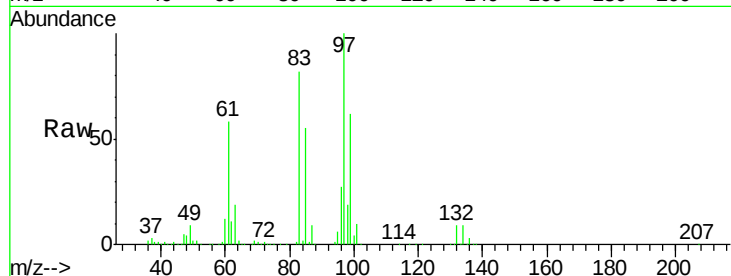




#55
 1,1,2-Trichloroethane
 Concen: 52.258 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

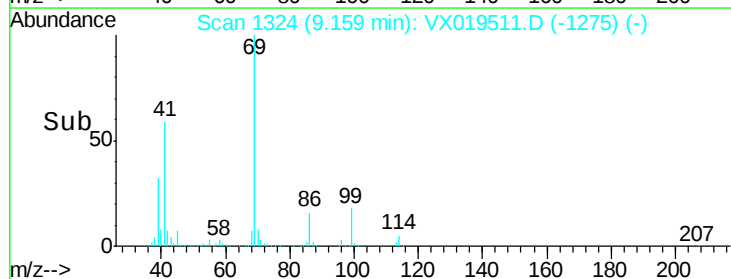
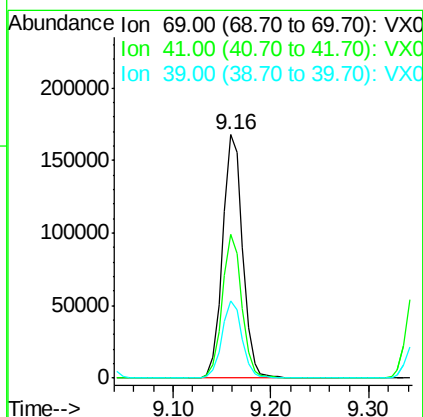
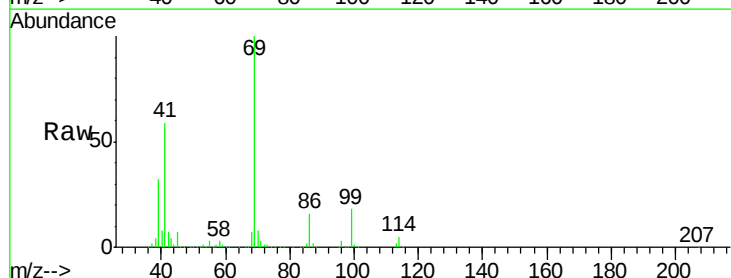
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

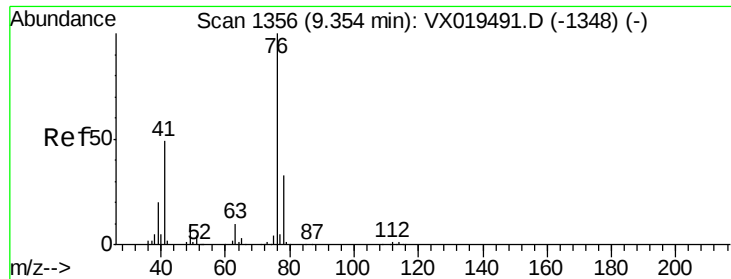
Tot Ion:	97	Resp:	160256
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.0	100.6
85	55.0	43.4	65.0
99	61.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 54.897 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion:	69	Resp:	238212
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.2	69.2
39	31.6	25.5	38.3

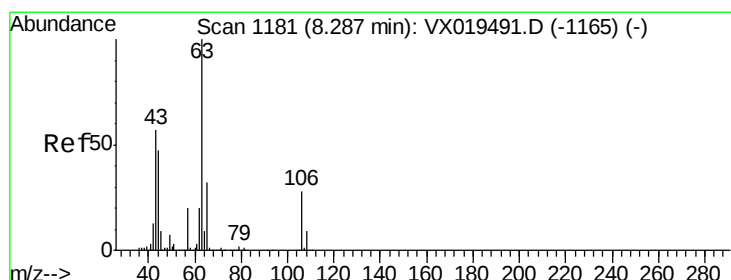
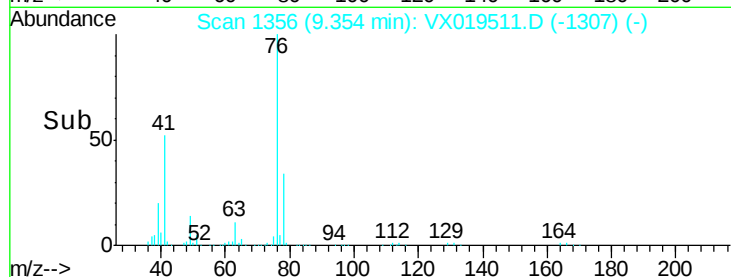
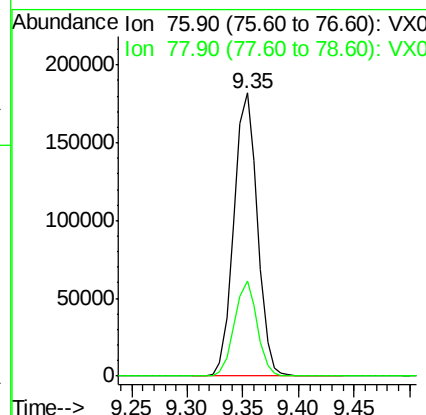
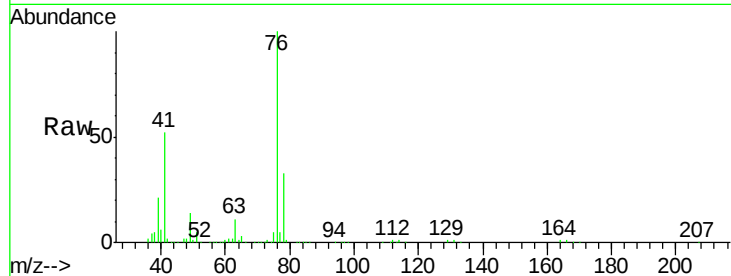




#57
 1,3-Dichloropropane
 Concen: 51.807 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

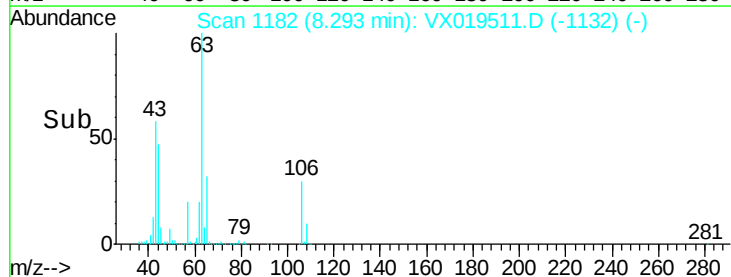
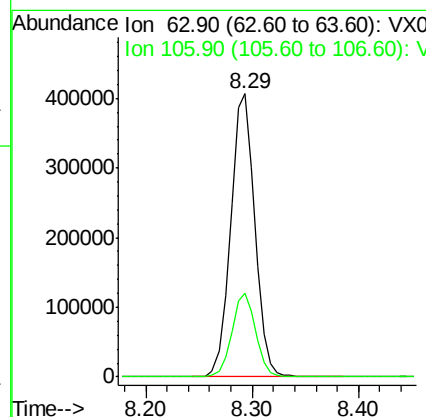
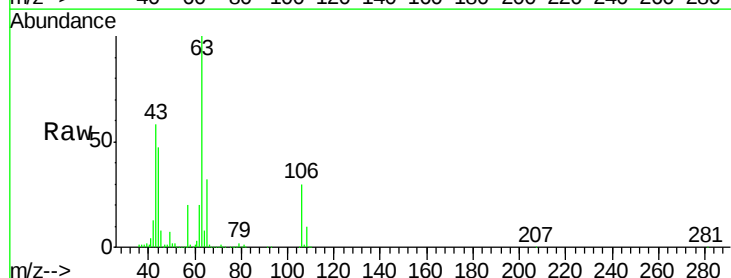
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

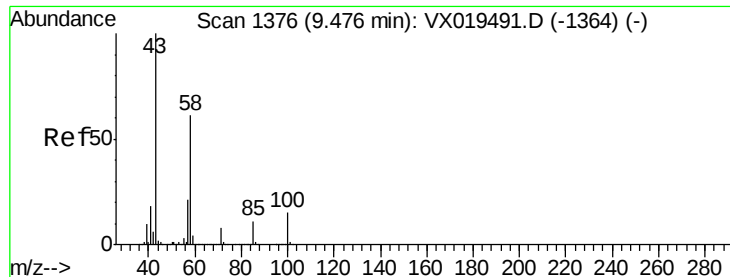
Tot Ion: 76 Resp: 265983
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.688 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion: 63 Resp: 642490
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.7 35.5

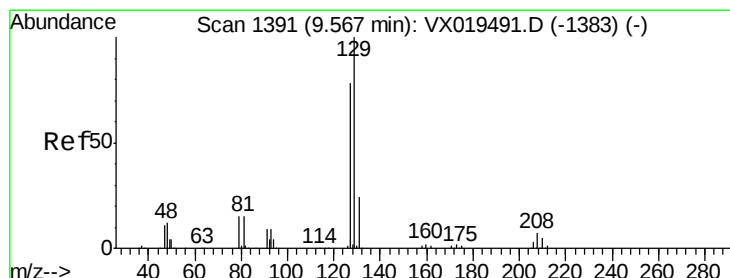
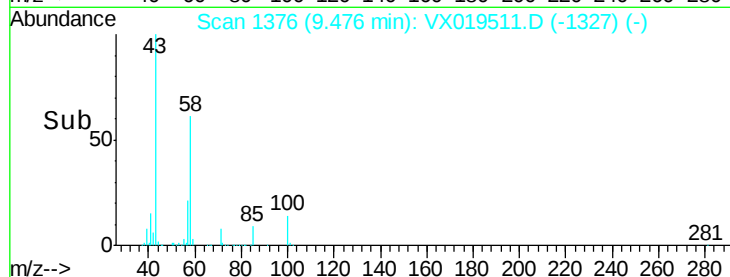
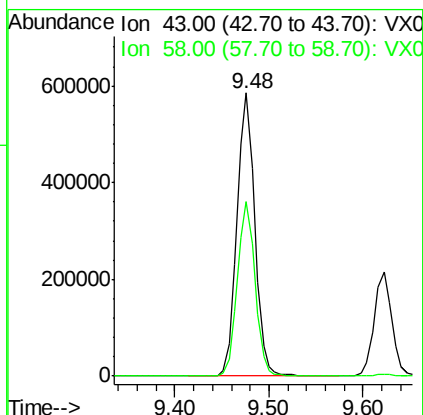
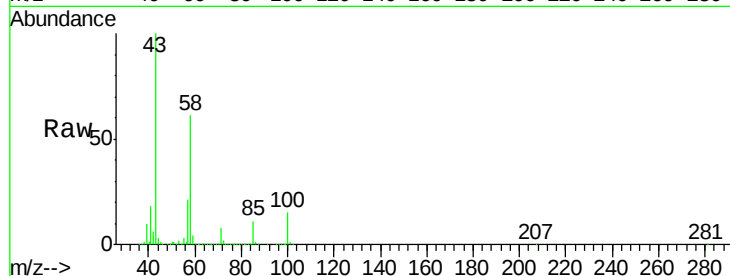




#59
2-Hexanone
Concen: 275.780 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

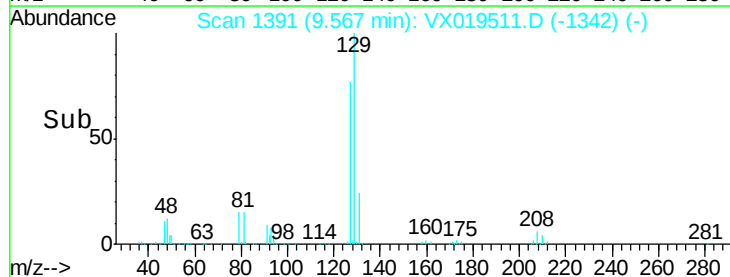
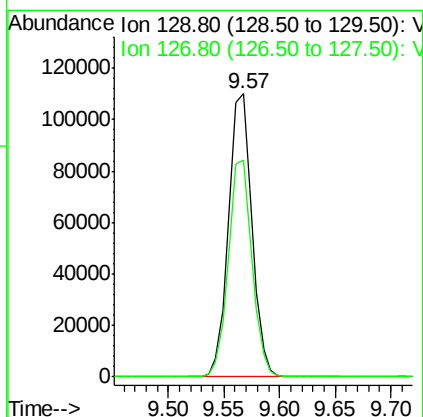
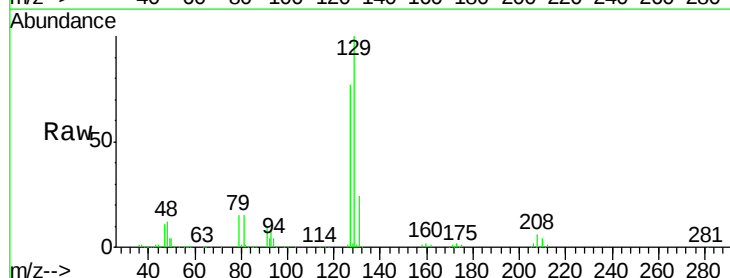
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

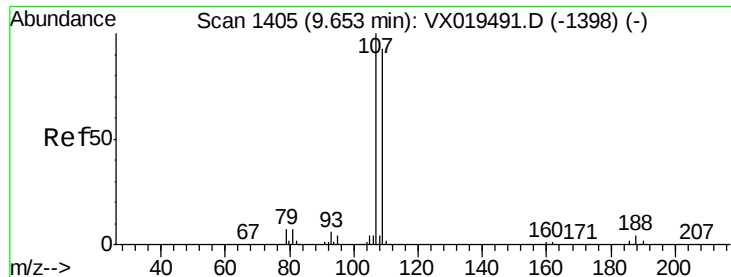
Tot Ion: 43 Resp: 771072
Ion Ratio Lower Upper
43 100
58 61.4 30.6 91.6



#60
Dibromochloromethane
Concen: 53.470 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion: 129 Resp: 160609
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9





#61

1,2-Dibromoethane

Concen: 52.049 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

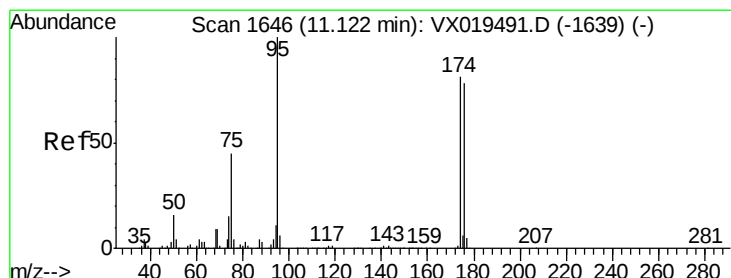
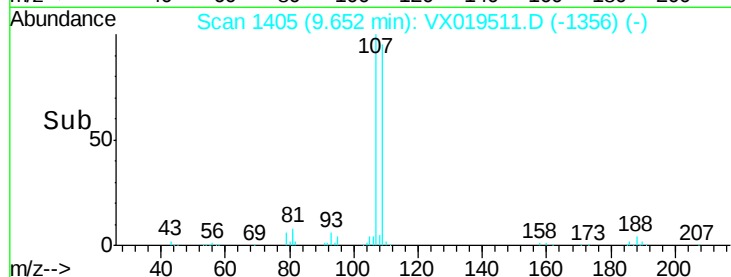
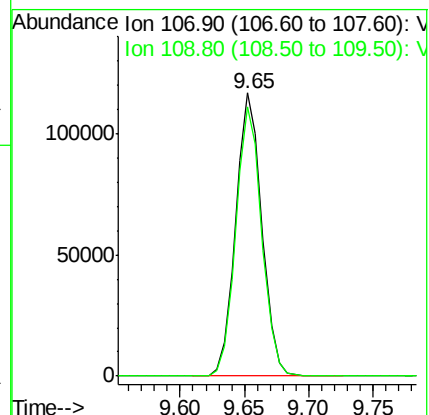
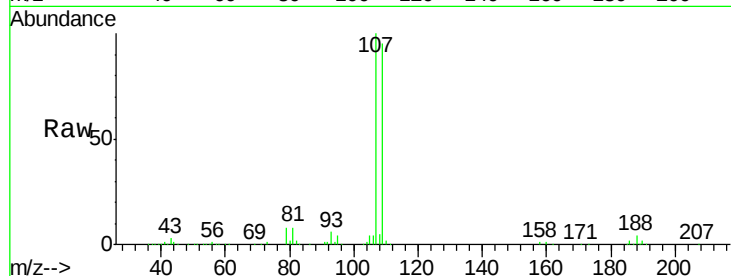
VSTDCCC050

Tot Ion:107 Resp: 164528

Ion Ratio Lower Upper

107 100

109 94.9 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.768 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

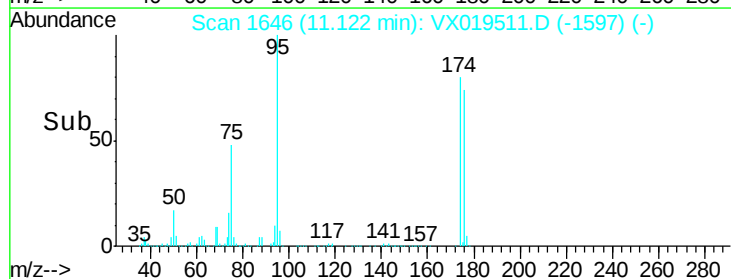
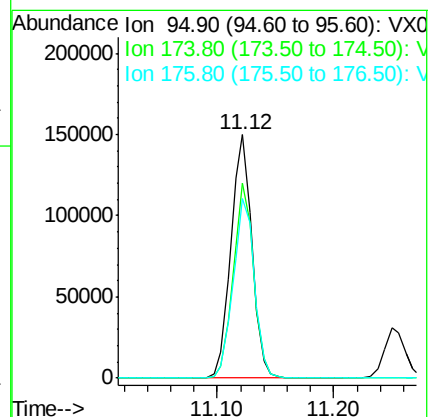
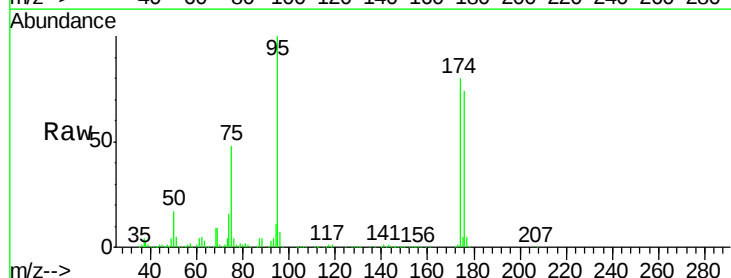
Tgt Ion: 95 Resp: 186632

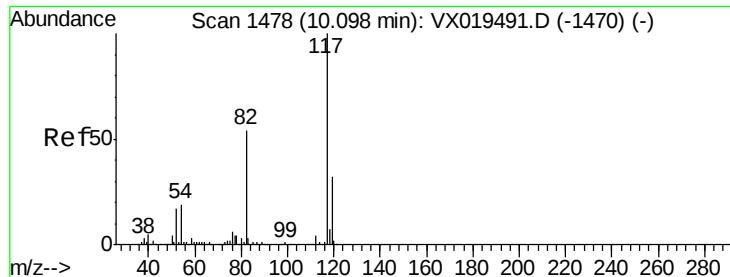
Ion Ratio Lower Upper

95 100

174 78.2 0.0 156.2

176 75.0 0.0 151.4

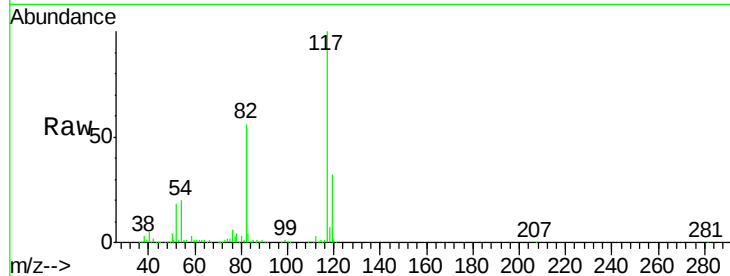




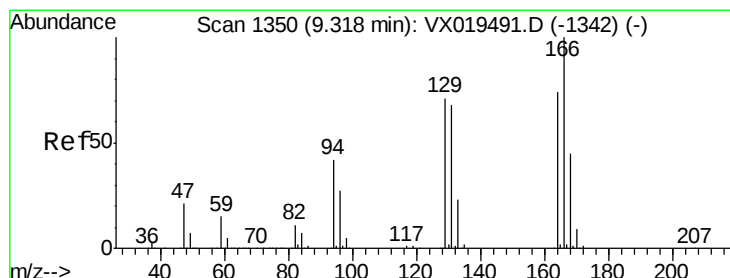
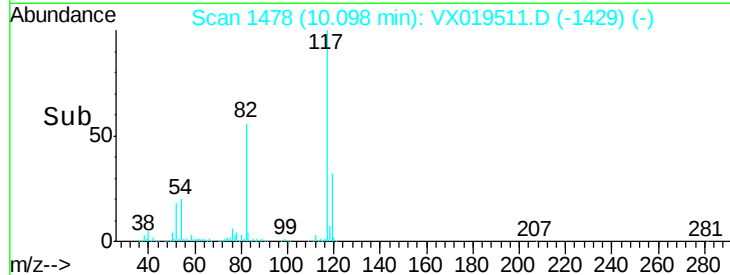
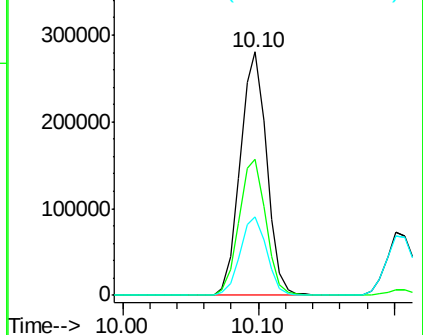
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 381352
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 32.5 25.6 38.4

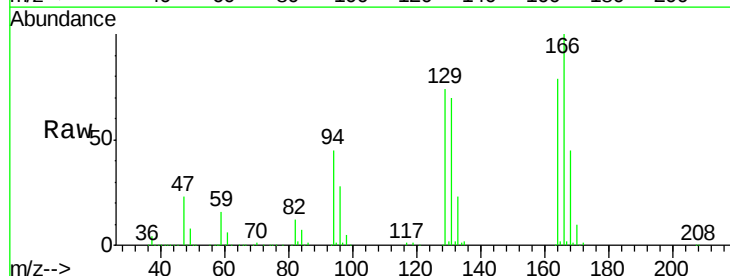


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

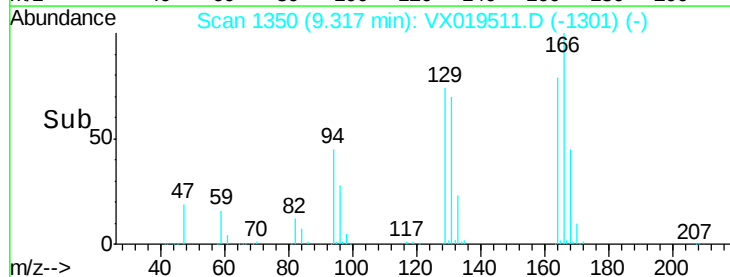
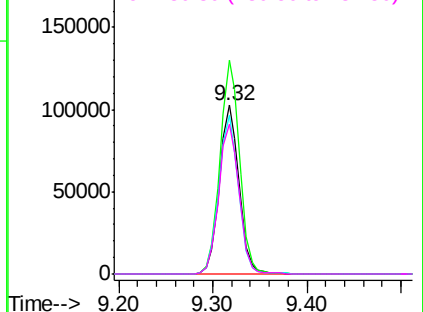


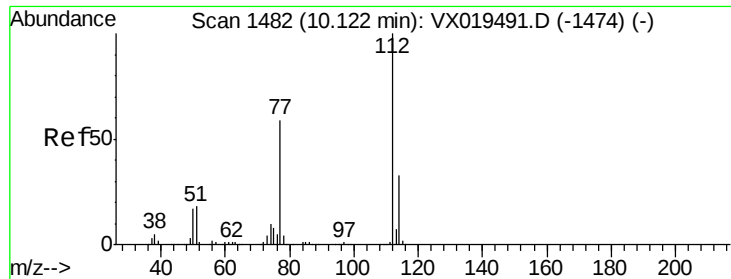
#64
Tetrachloroethene
Concen: 49.448 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion:164 Resp: 148226
Ion Ratio Lower Upper
164 100
166 126.6 107.4 161.0
129 94.0 76.6 114.8
131 88.7 72.6 108.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

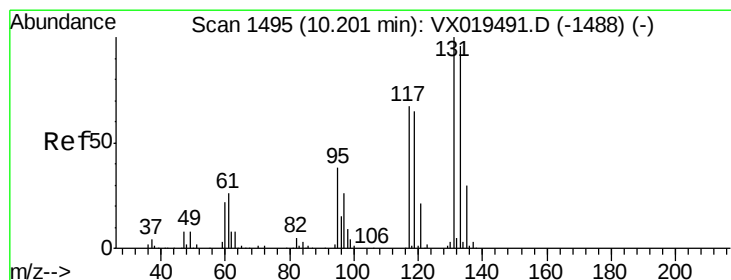
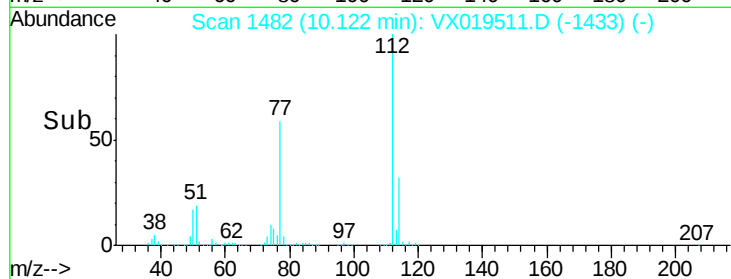
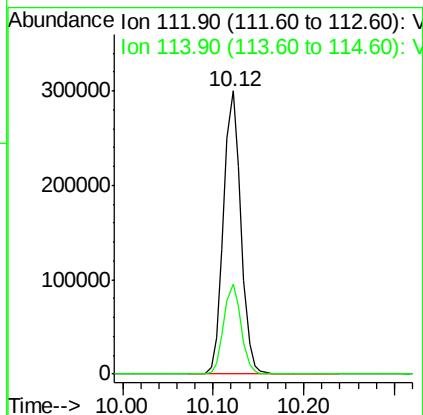
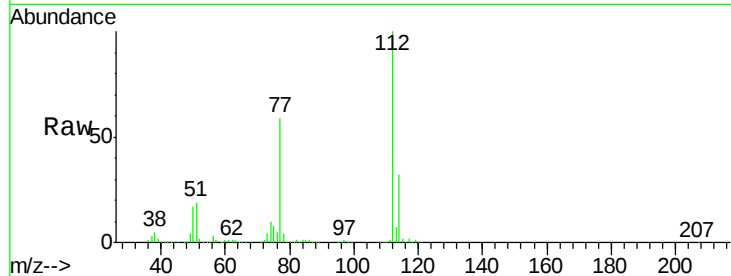




#65
Chlorobenzene
Concen: 51.272 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

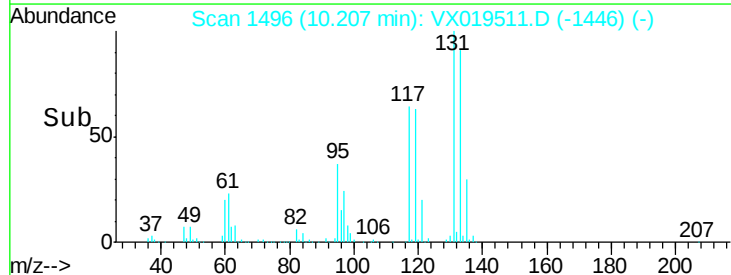
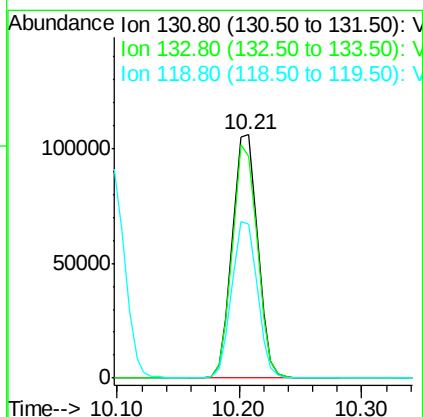
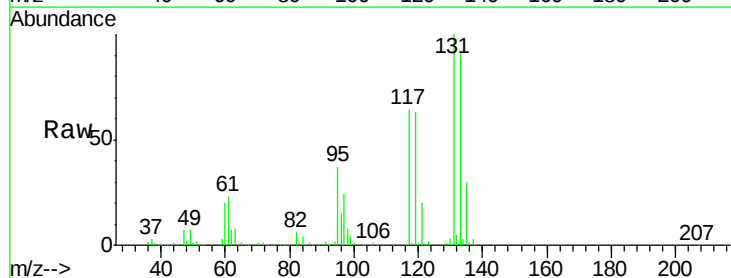
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

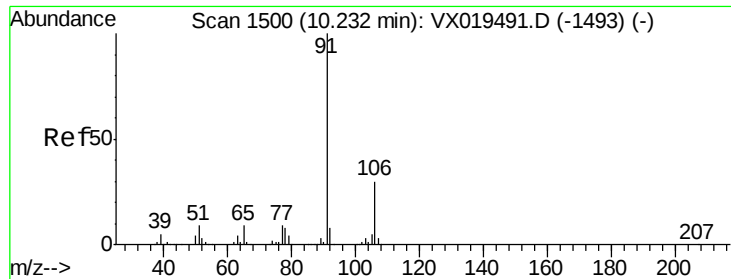
Tot Ion:112 Resp: 402007
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.163 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion:131 Resp: 151620
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 64.7 33.0 99.0





#67

Ethyl Benzene

Concen: 53.347 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

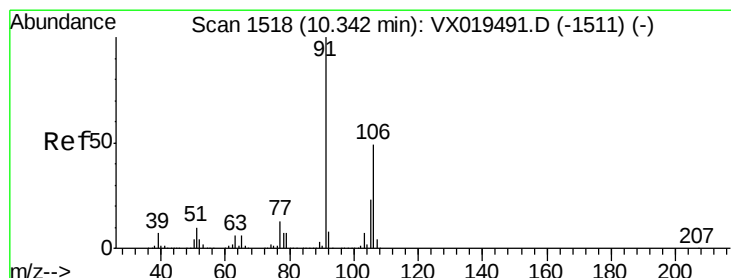
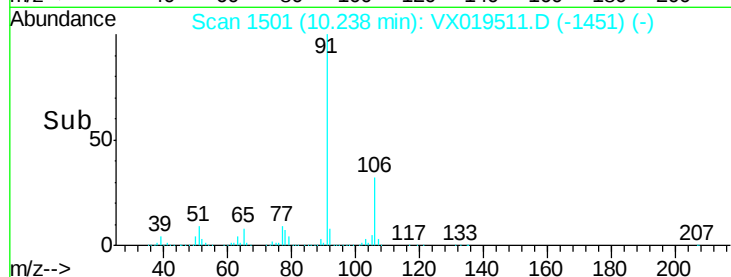
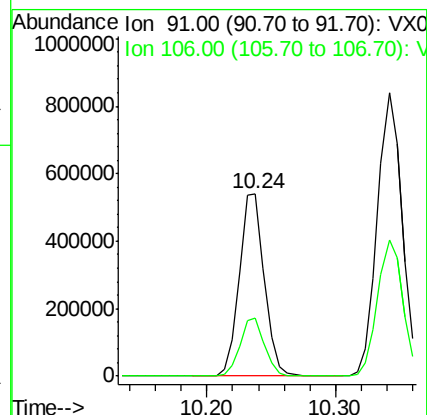
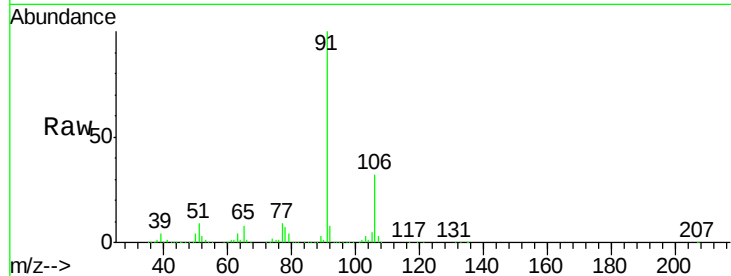
VSTDCCC050

Tot Ion: 91 Resp: 732750

Ion Ratio Lower Upper

91 100

106 31.8 24.0 36.0



#68

m/p-Xylenes

Concen: 106.958 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019511.D

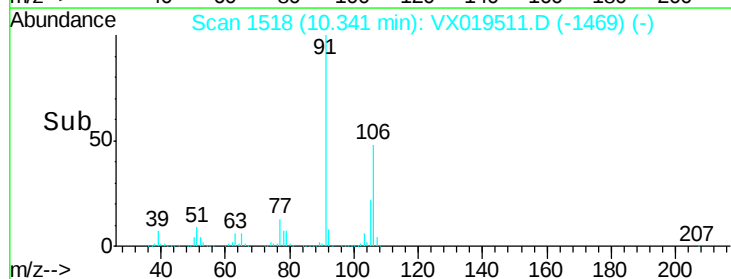
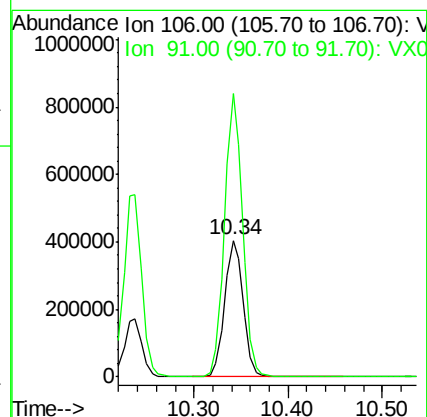
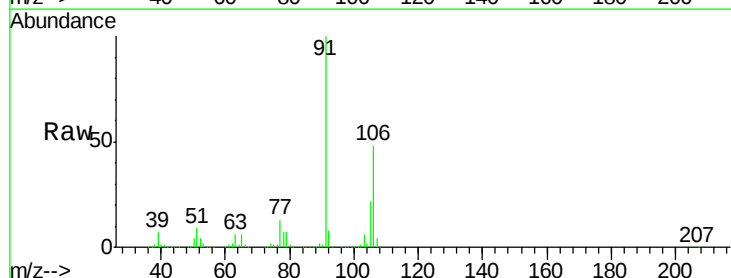
Acq: 20 Nov 2020 22:06

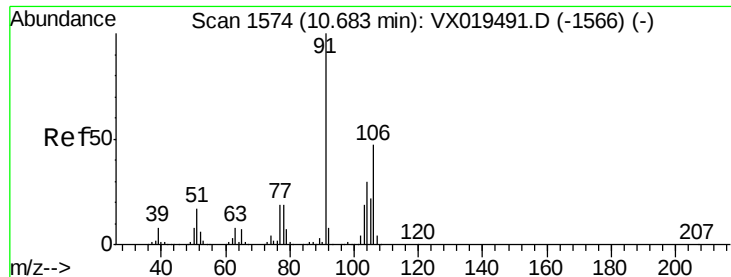
Tgt Ion: 106 Resp: 547347

Ion Ratio Lower Upper

106 100

91 203.8 163.3 244.9

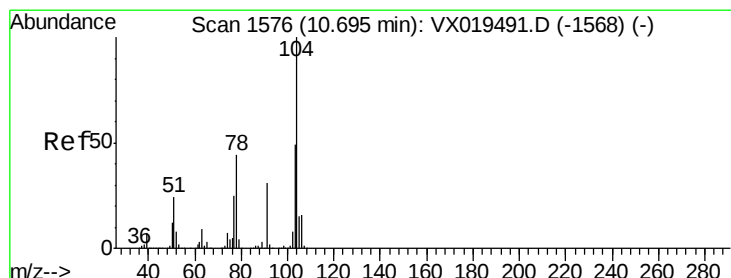
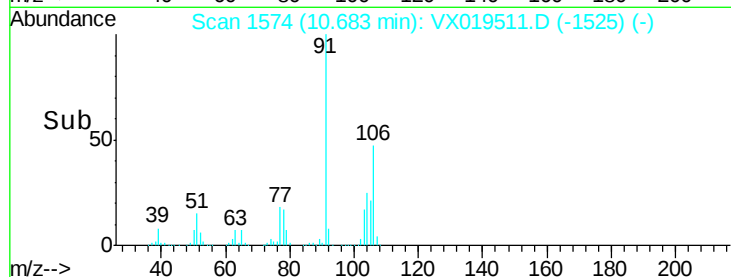
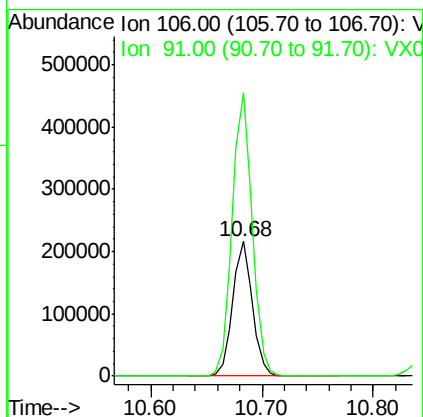
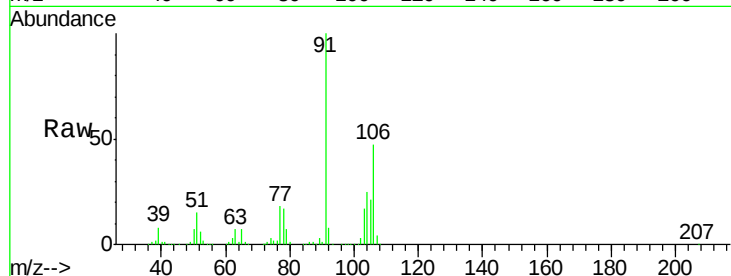




#69
o-Xylene
Concen: 53.956 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

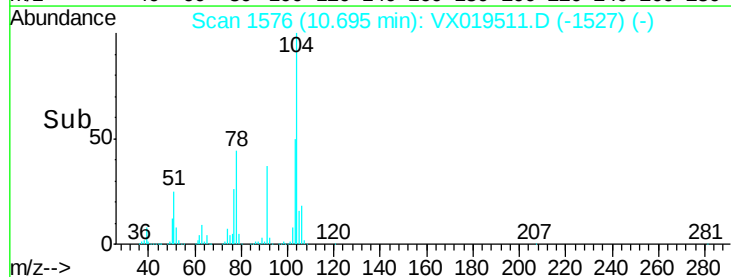
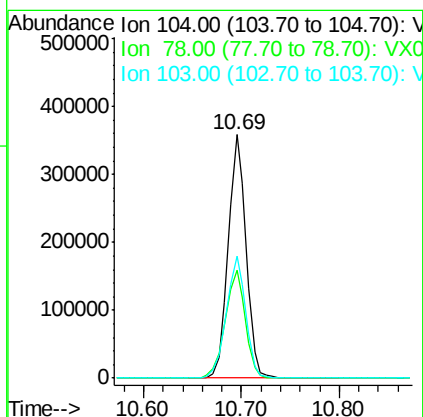
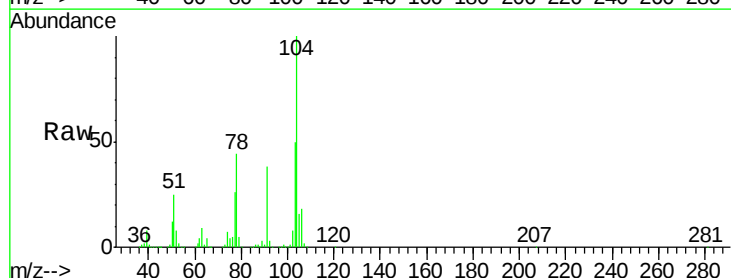
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

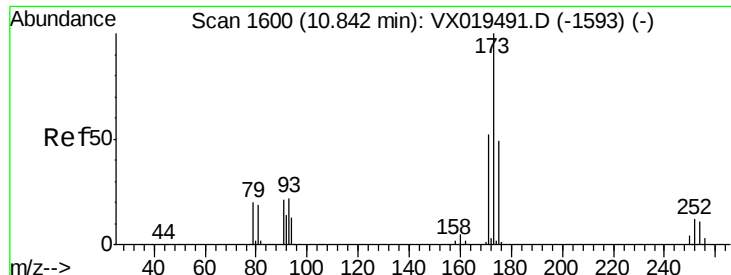
Tot Ion:106 Resp: 263944
Ion Ratio Lower Upper
106 100
91 214.8 108.0 324.0



#70
Styrene
Concen: 50.214 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion:104 Resp: 454758
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 54.2 43.6 65.4





#71

Bromoform

Concen: 47.245 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

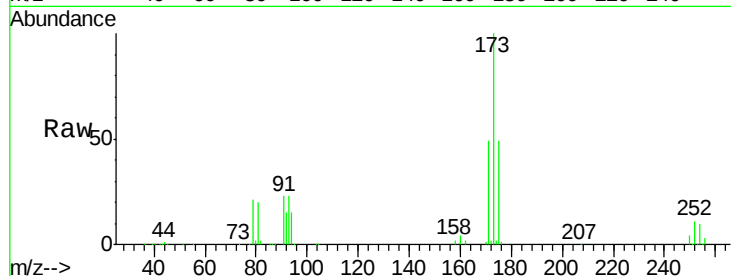
Tot Ion:173 Resp: 113625

Ion Ratio Lower Upper

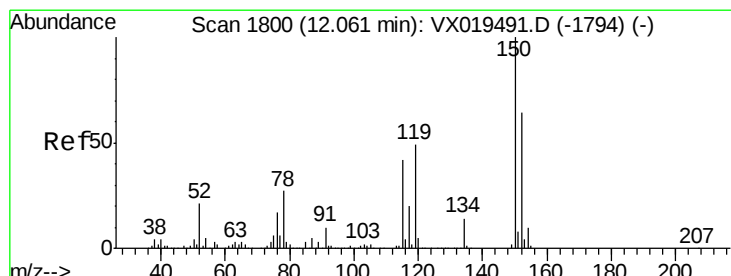
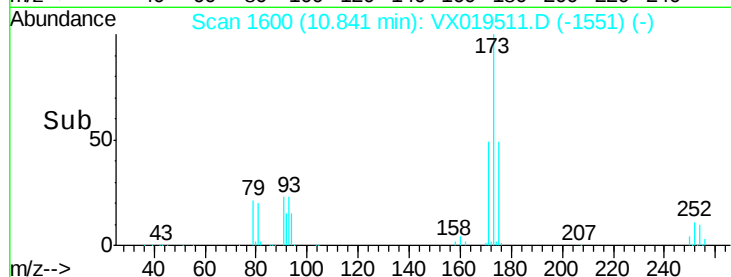
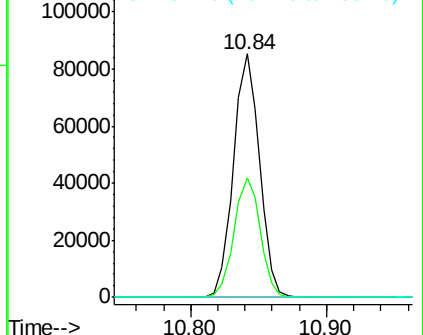
173 100

175 49.4 24.9 74.8

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

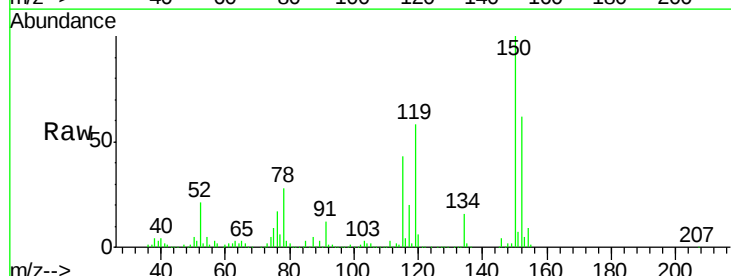
Tgt Ion:152 Resp: 191334

Ion Ratio Lower Upper

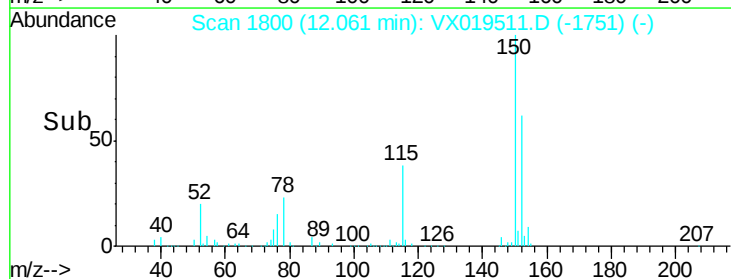
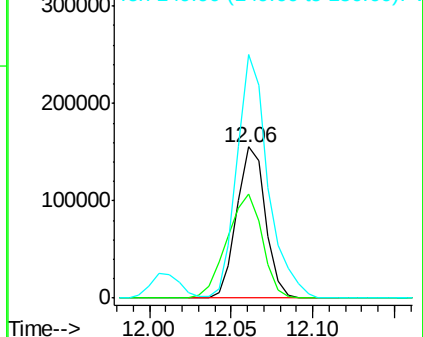
152 100

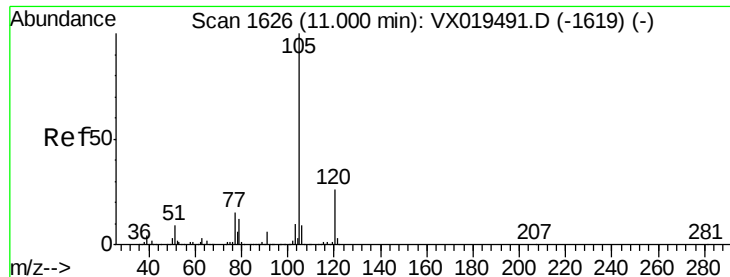
115 84.6 41.8 125.4

150 173.5 0.0 348.2



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





#73

Isopropylbenzene

Concen: 52.674 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

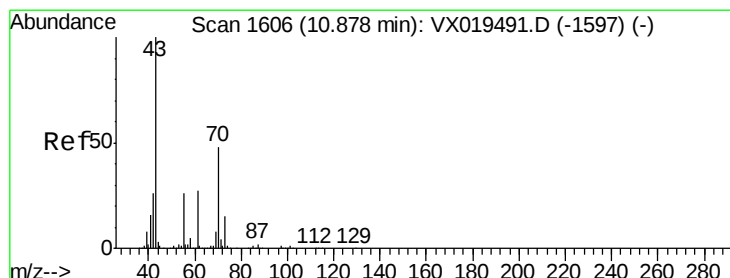
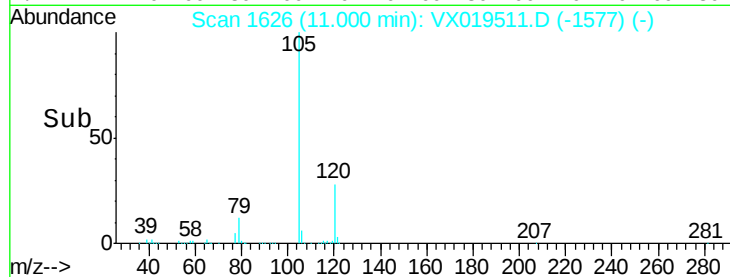
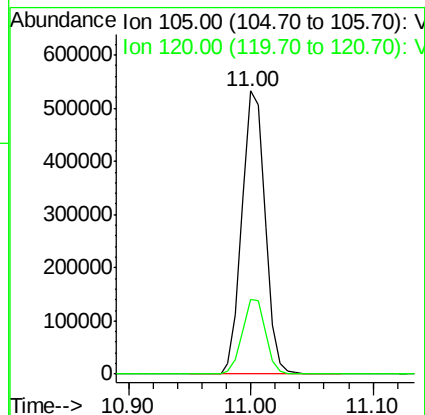
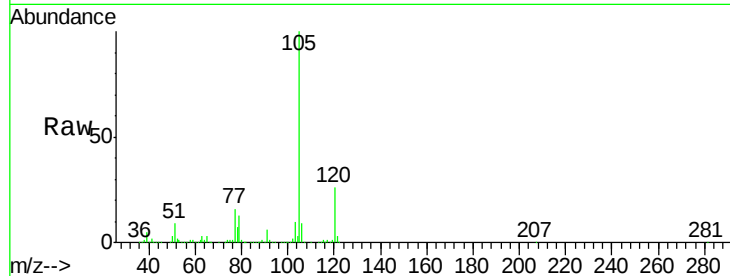
VSTDCCC050

Tot Ion:105 Resp: 697197

Ion Ratio Lower Upper

105 100

120 26.5 13.0 39.0



#74

N-ethyl acetate

Concen: 56.483 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Tgt Ion: 43 Resp: 280140

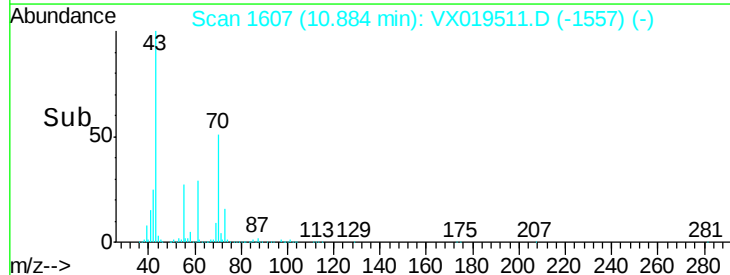
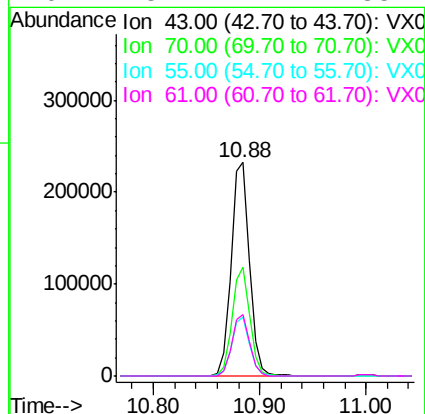
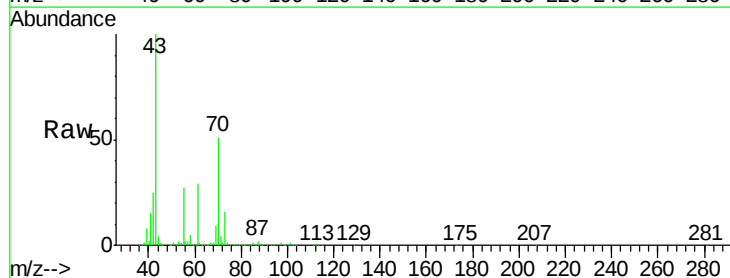
Ion Ratio Lower Upper

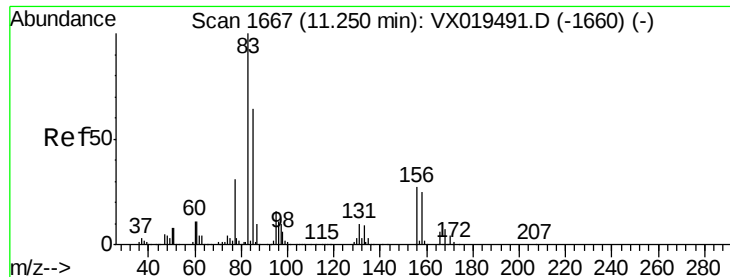
43 100

70 49.6 39.7 59.5

55 27.3 21.8 32.6

61 28.1 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.813 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

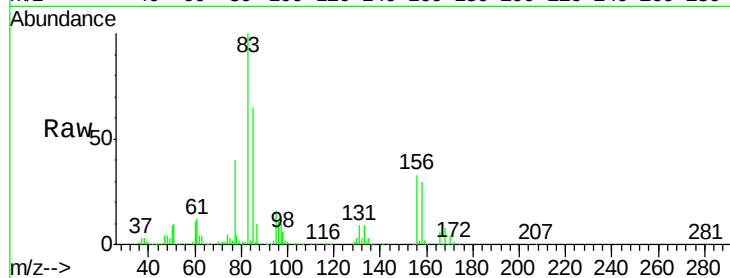
Tot Ion: 83 Resp: 249983

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

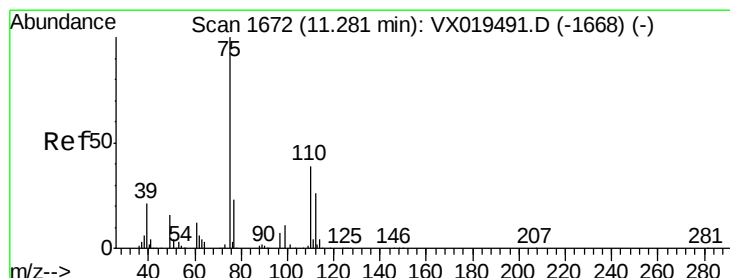
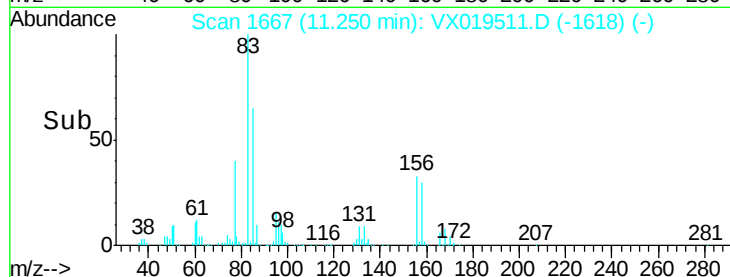
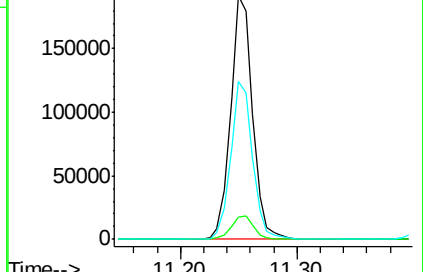
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.077 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019511.D

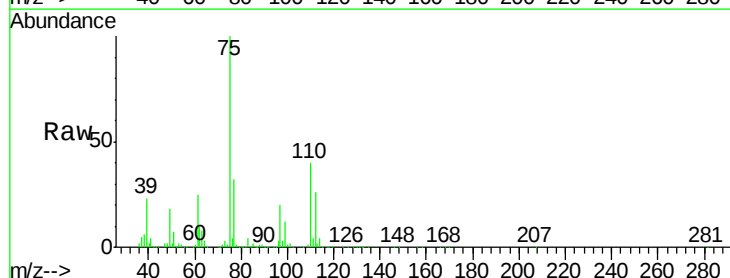
Acq: 20 Nov 2020 22:06

Tgt Ion: 75 Resp: 275907

Ion Ratio Lower Upper

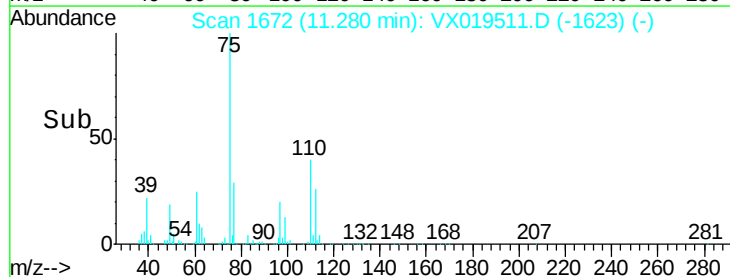
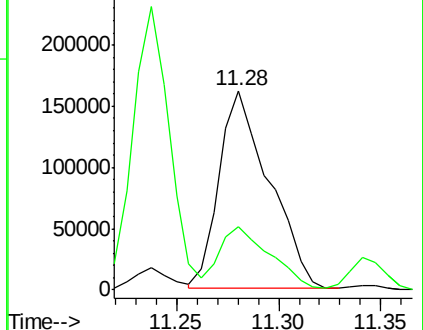
75 100

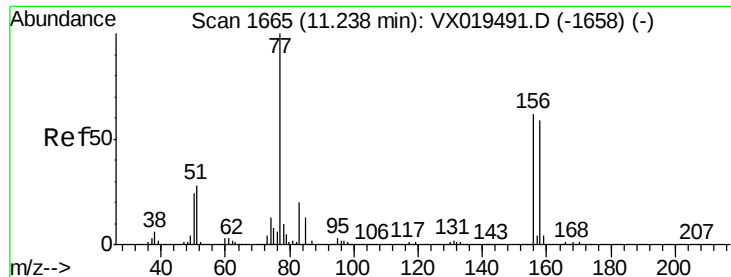
77 32.4 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.239 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

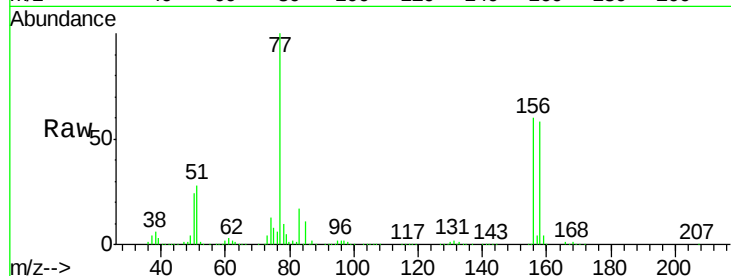
Tot Ion:156 Resp: 176513

Ion Ratio Lower Upper

156 100

77 163.7 82.5 247.3

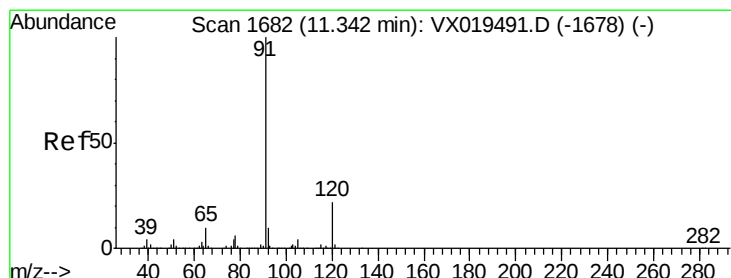
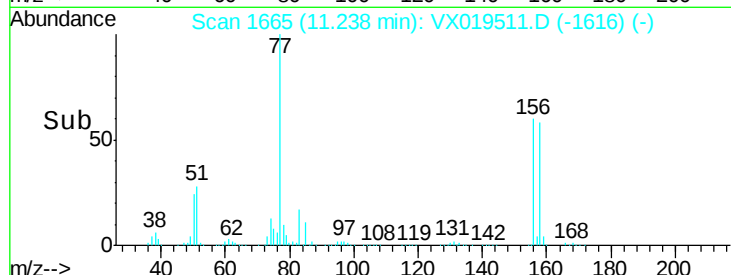
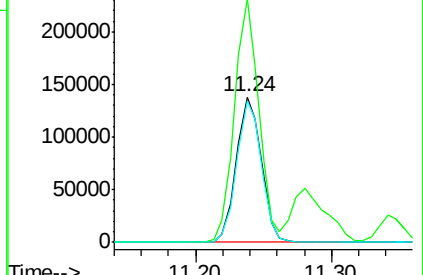
158 96.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.646 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019511.D

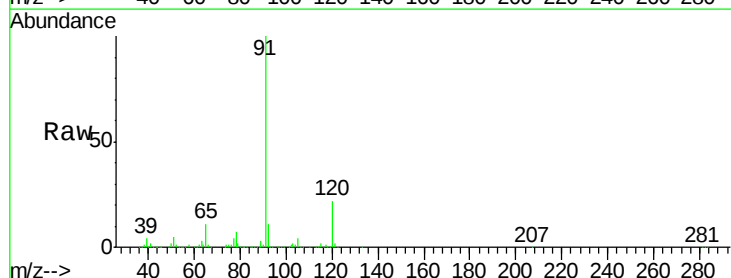
Acq: 20 Nov 2020 22:06

Tgt Ion: 91 Resp: 799389

Ion Ratio Lower Upper

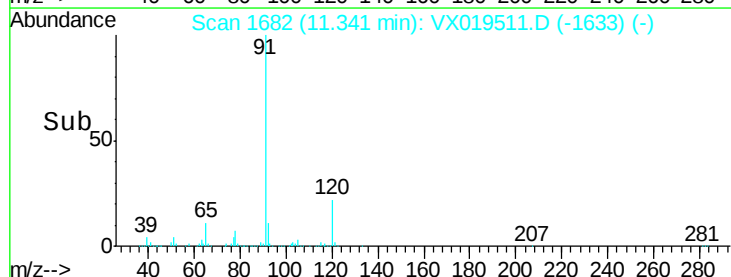
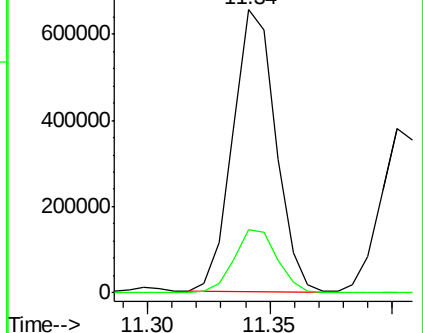
91 100

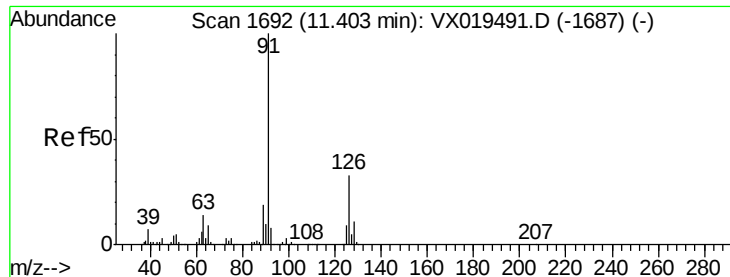
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.856 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

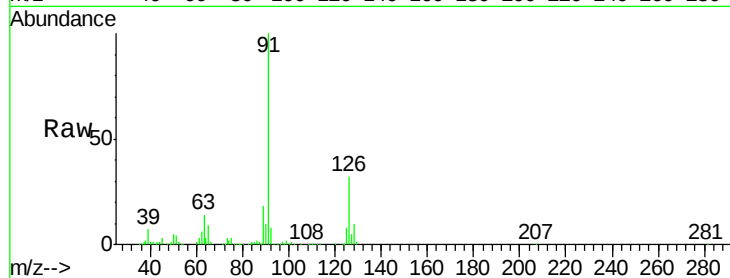
VSTDCCC050

Tot Ion: 91 Resp: 486740

Ion Ratio Lower Upper

91 100

126 33.7 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)

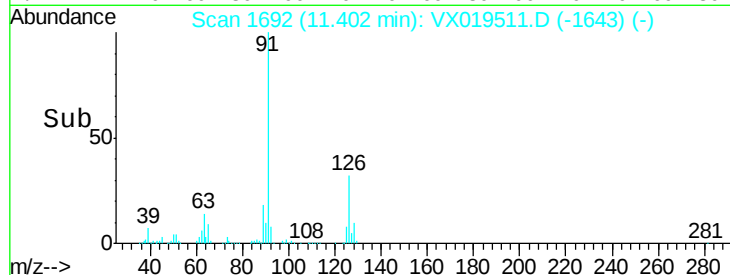
600000

400000

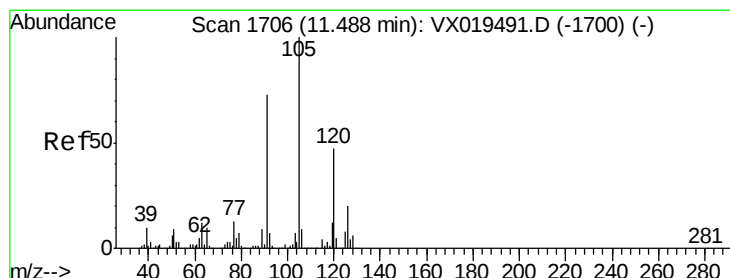
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.002 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019511.D

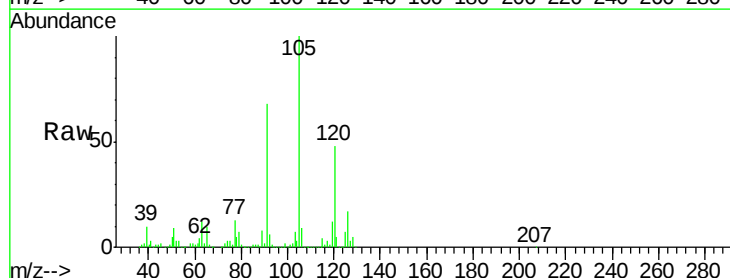
Acq: 20 Nov 2020 22:06

Tgt Ion: 105 Resp: 599606

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)

500000

400000

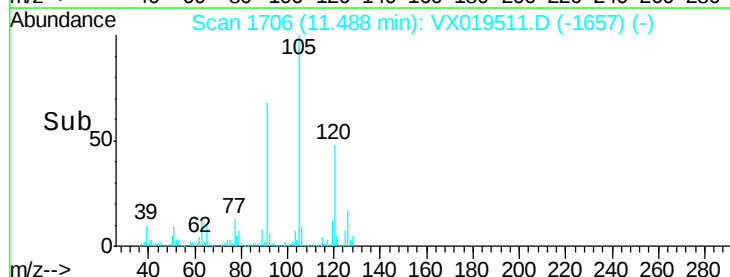
300000

200000

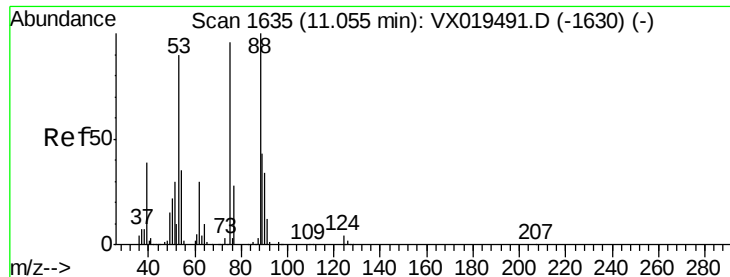
100000

0

11.40 11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 48.563 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

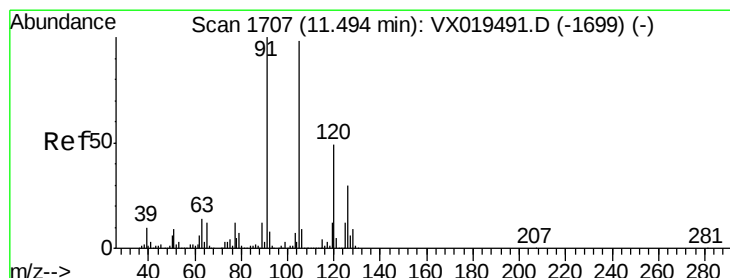
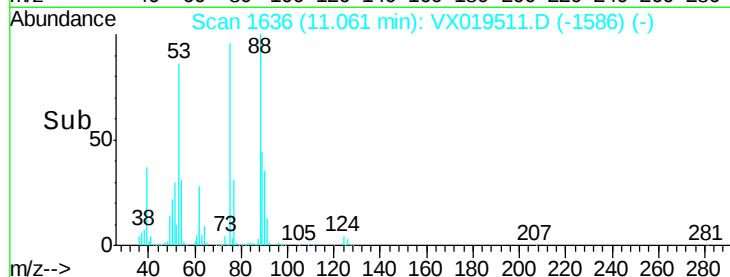
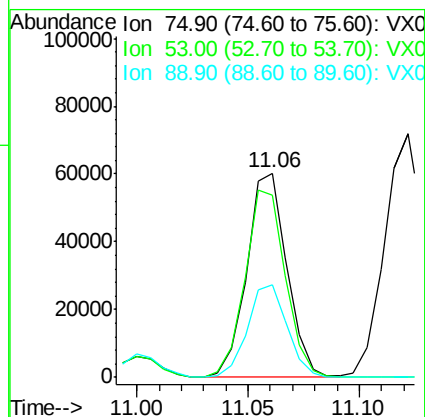
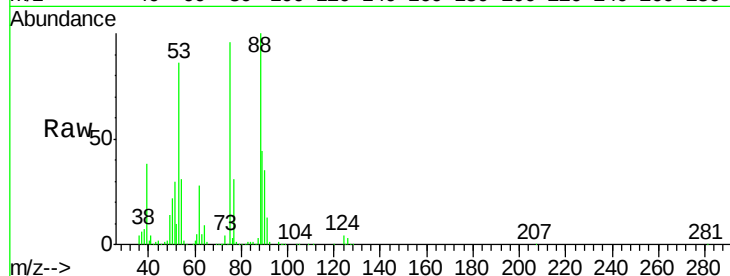
Tot Ion: 75 Resp: 74872

Ion Ratio Lower Upper

75 100

53 93.8 73.9 110.9

89 45.6 37.3 55.9



#82

4-Chlorotoluene

Concen: 52.833 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019511.D

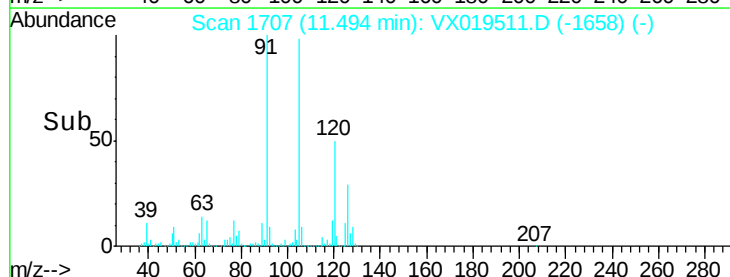
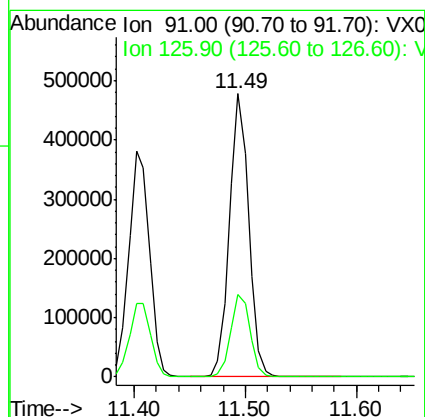
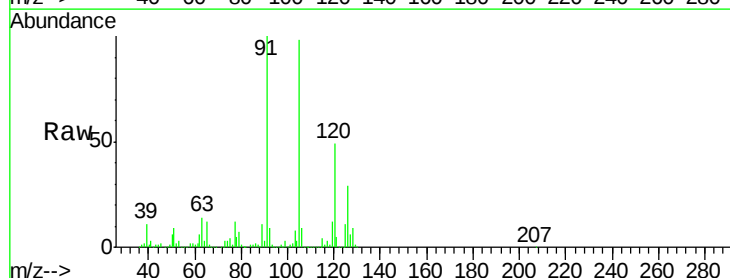
Acq: 20 Nov 2020 22:06

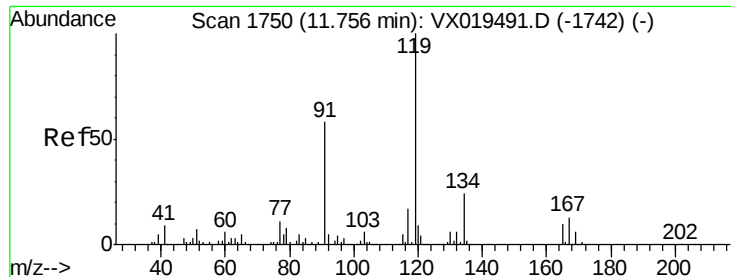
Tgt Ion: 91 Resp: 572734

Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.7

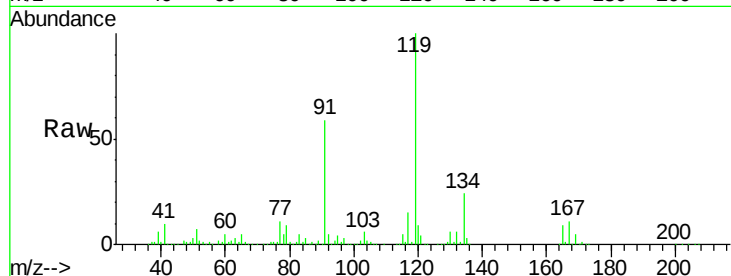




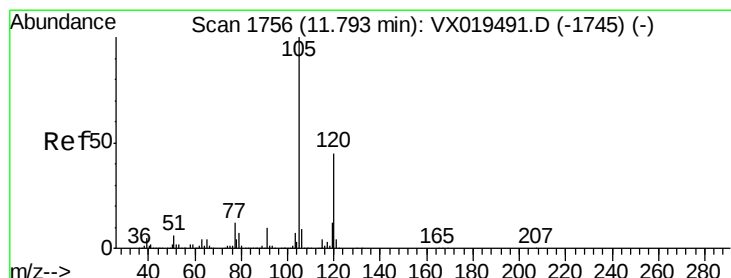
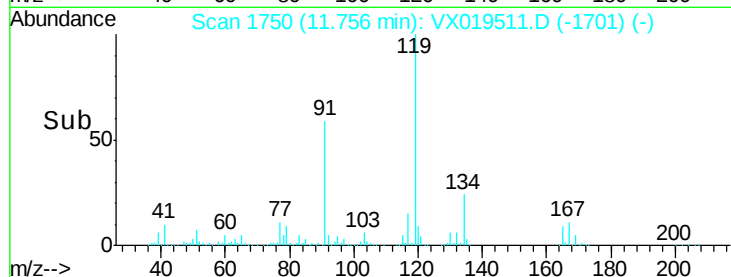
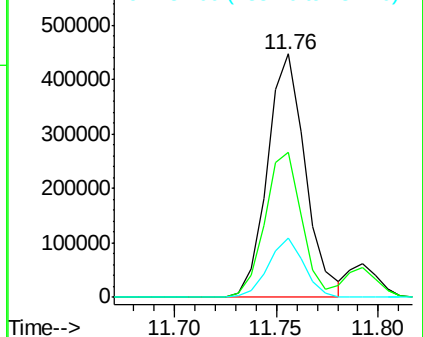
#83
 tert-Butylbenzene
 Concen: 53.980 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	28.9	86.8
134	23.0	11.7	35.0

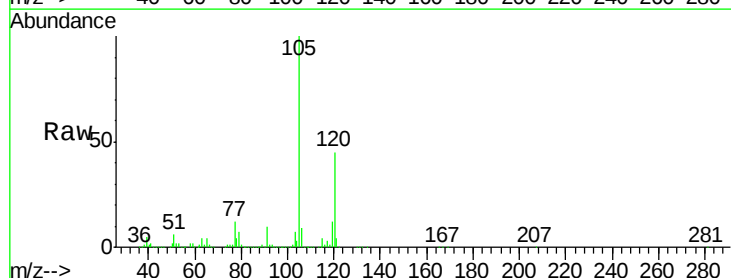


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

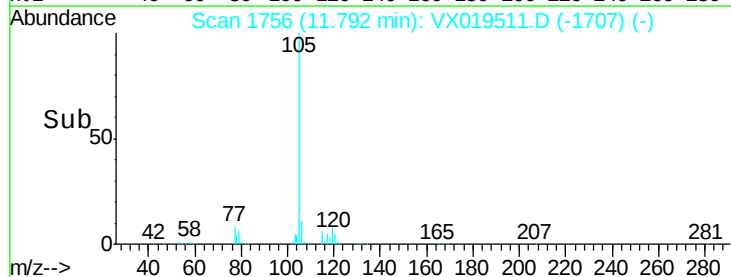
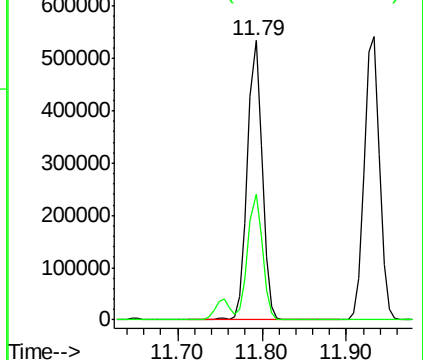


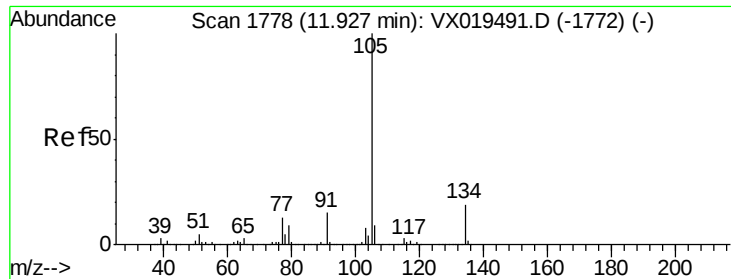
#84
 1,2,4-Trimethylbenzene
 Concen: 55.149 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.2	66.6



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





#85

sec-Butylbenzene

Concen: 53.545 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

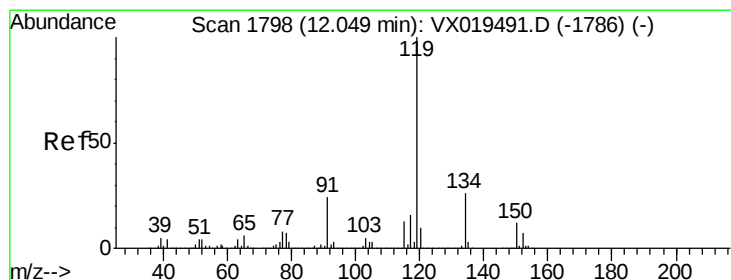
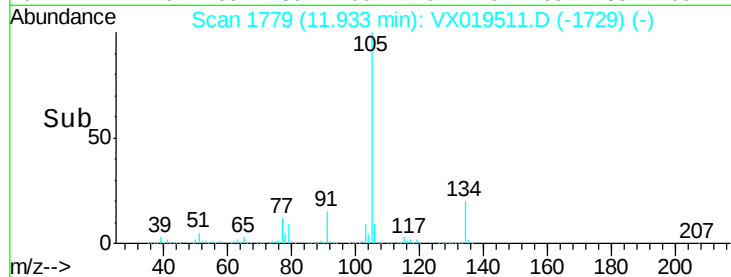
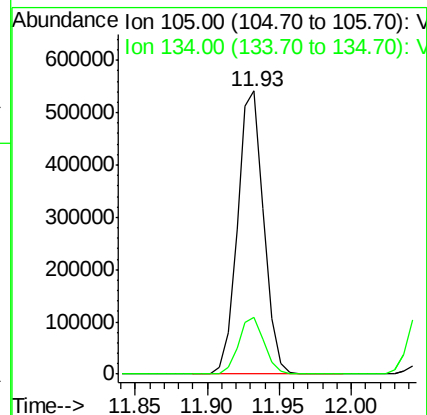
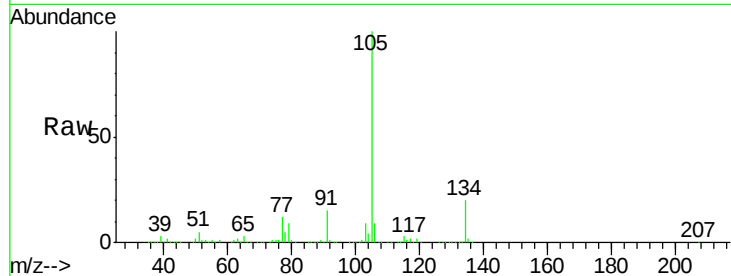
VSTDCCC050

Tot Ion:105 Resp: 684276

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 54.297 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

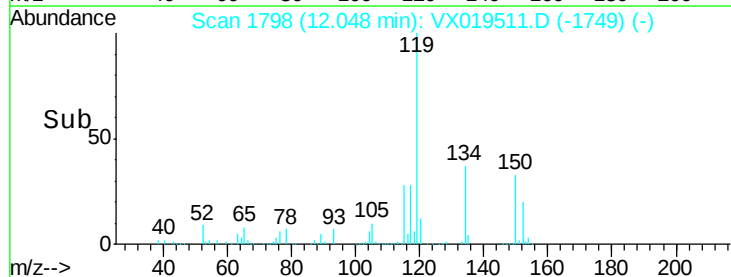
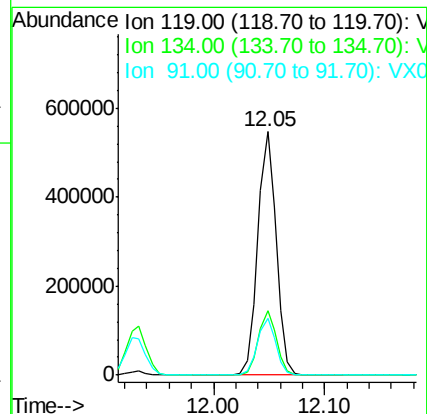
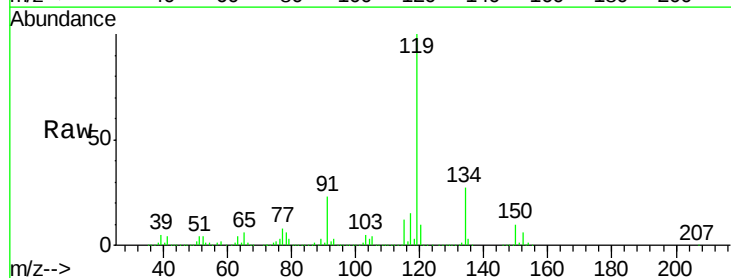
Tgt Ion:119 Resp: 629992

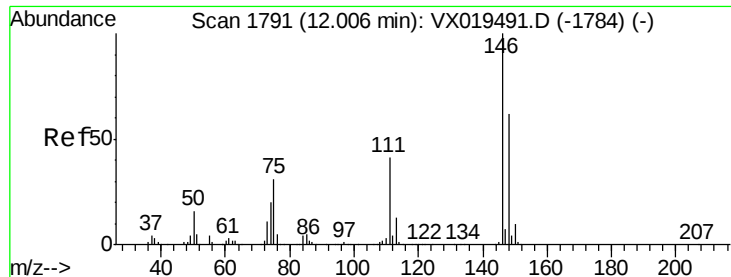
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.932 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

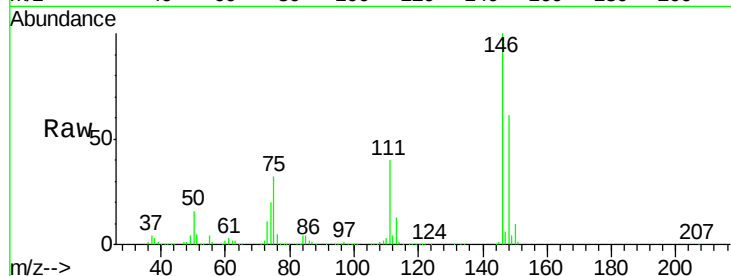
Tot Ion:146 Resp: 316053

Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.6

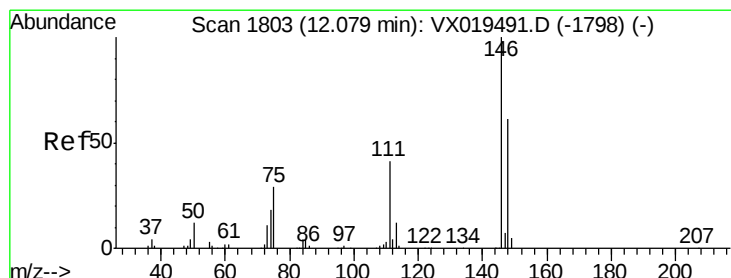
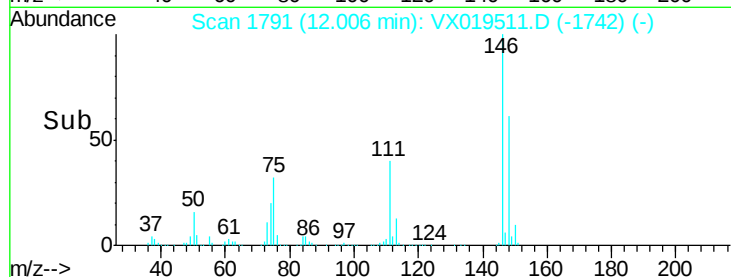
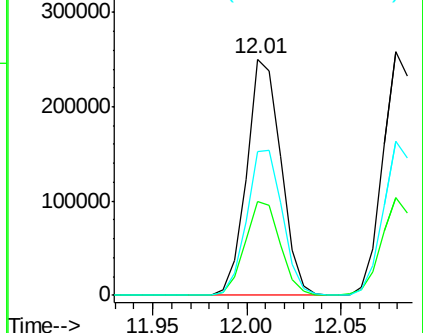
148 63.7 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.171 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

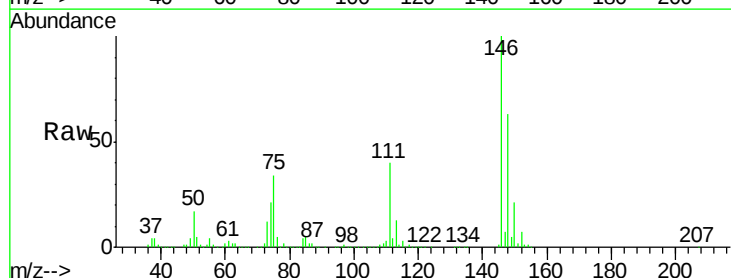
Tgt Ion:146 Resp: 320693

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.6

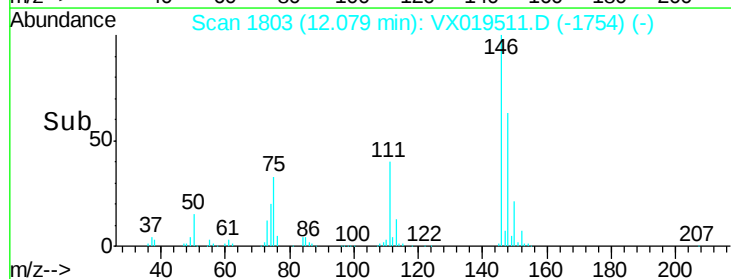
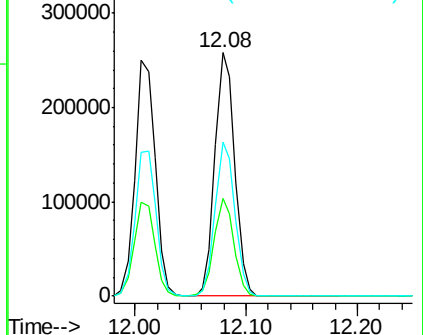
148 63.1 31.7 95.1

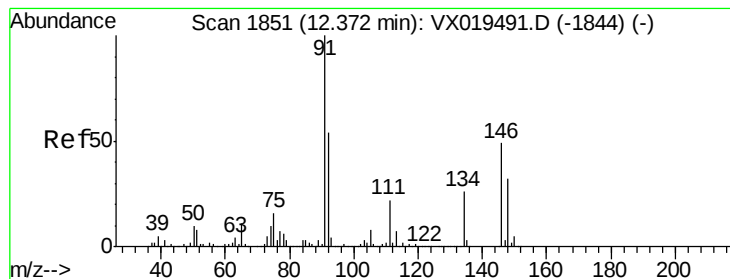


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.113 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019511.D

Acq: 20 Nov 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

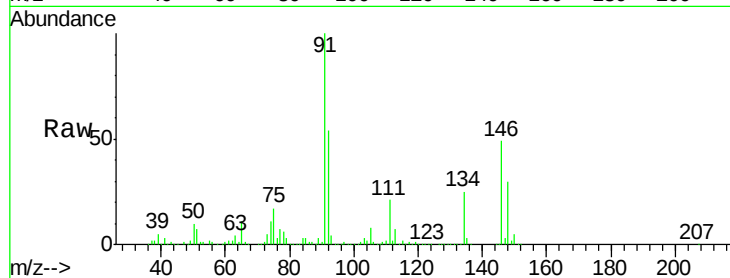
Tot Ion: 91 Resp: 557129

Ion Ratio Lower Upper

91 100

92 54.1 26.9 80.6

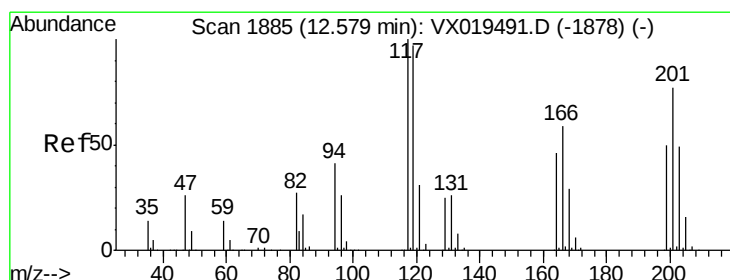
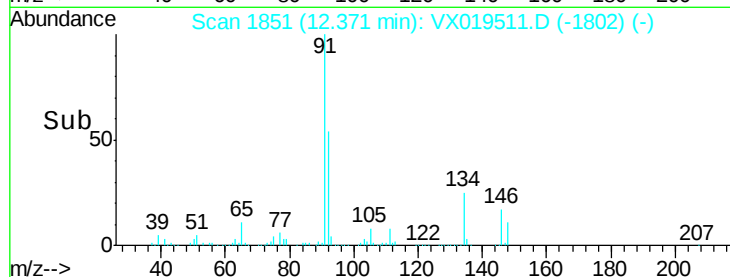
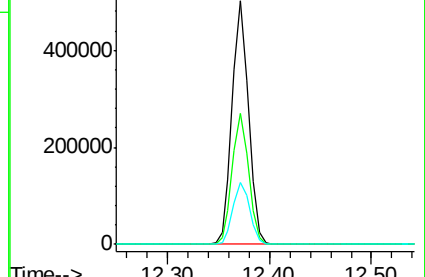
134 26.1 12.9 38.6



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: 53.787 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019511.D

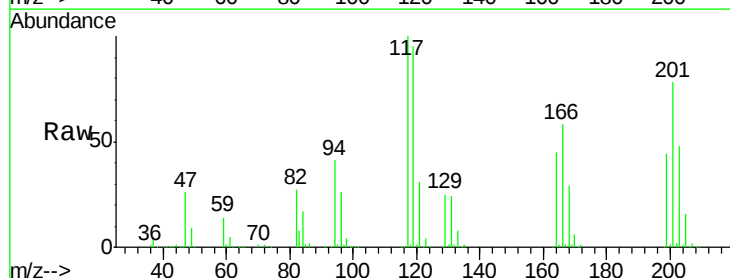
Acq: 20 Nov 2020 22:06

Tgt Ion: 117 Resp: 104428

Ion Ratio Lower Upper

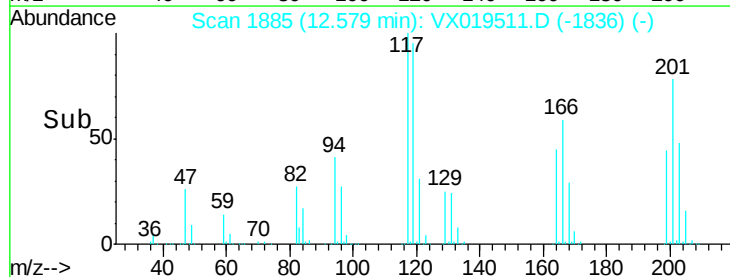
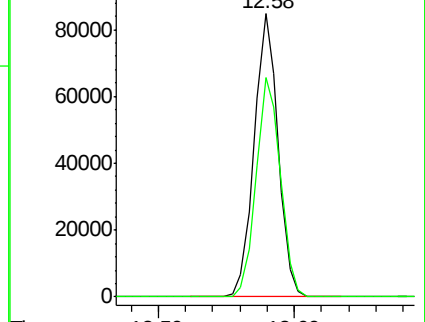
117 100

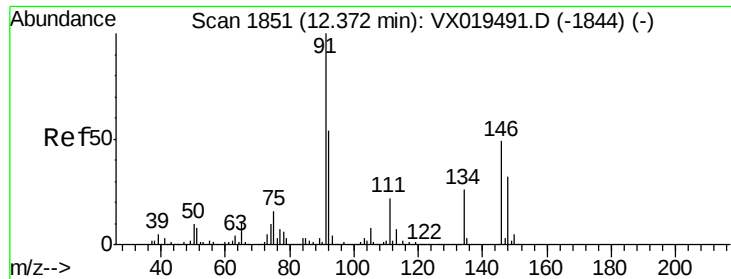
201 78.9 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

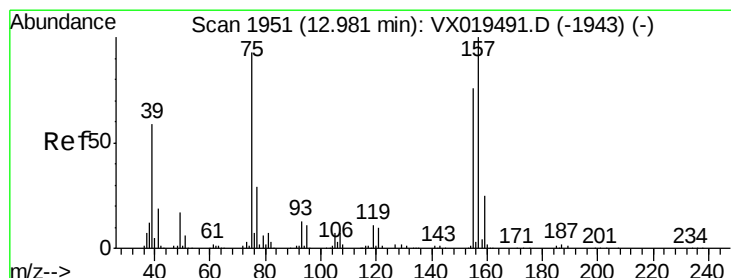
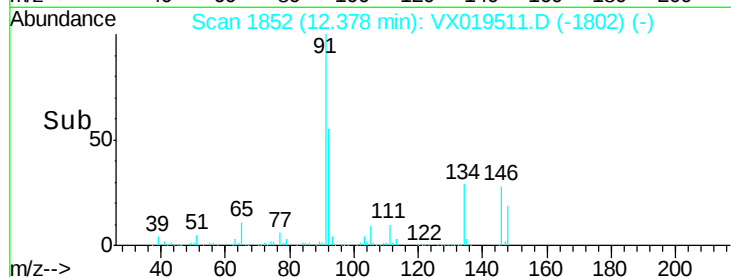
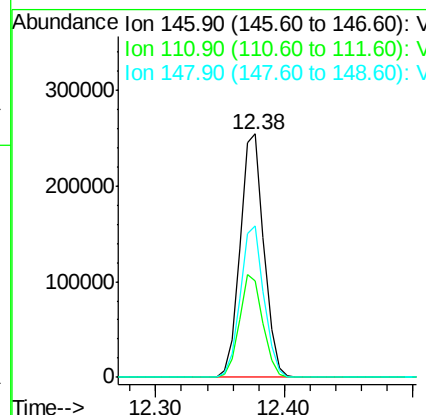
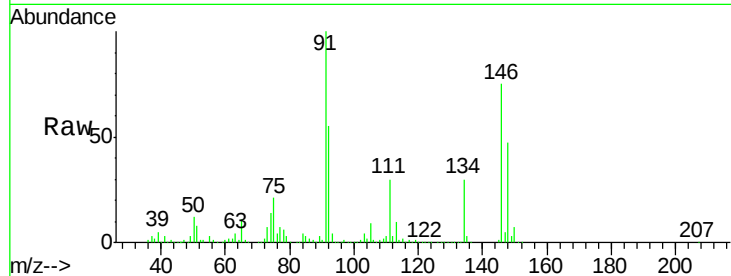




#91
 1,2-Dichlorobenzene
 Concen: 52.184 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

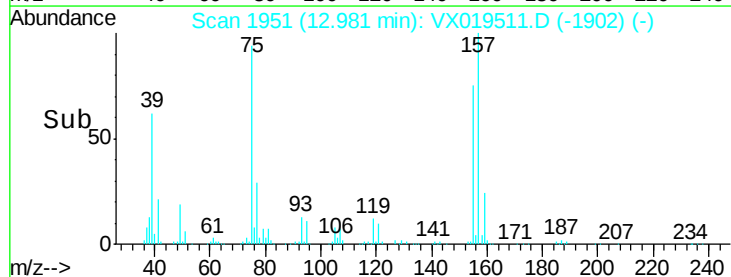
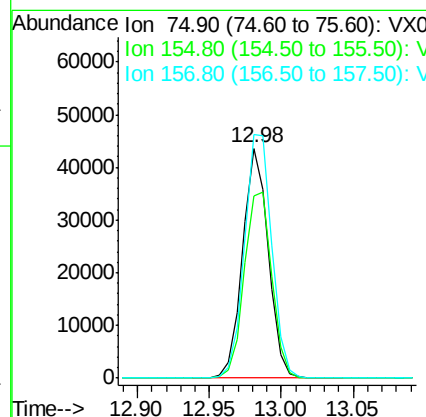
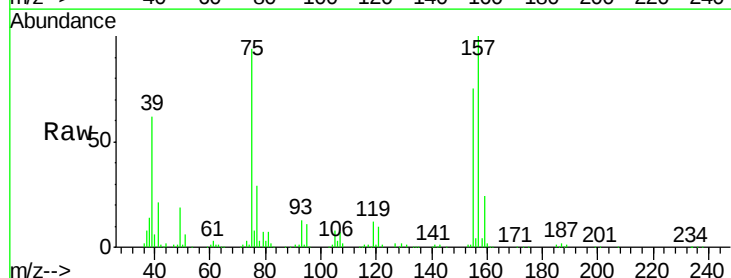
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 325237
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.3
 148 62.0 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.103 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion: 75 Resp: 54176
 Ion Ratio Lower Upper
 75 100
 155 86.0 43.6 130.9
 157 111.7 57.0 170.8

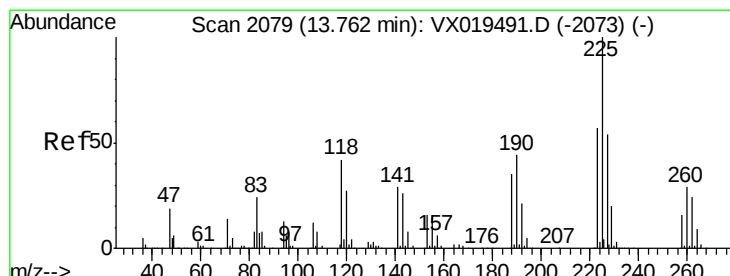
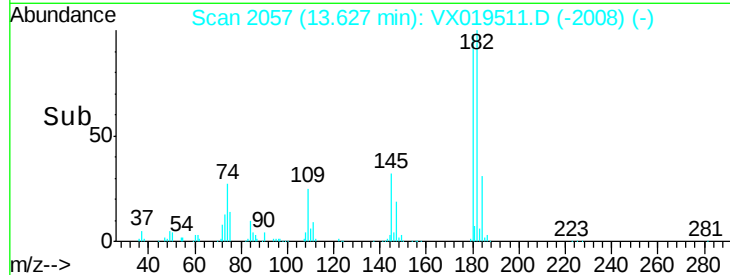
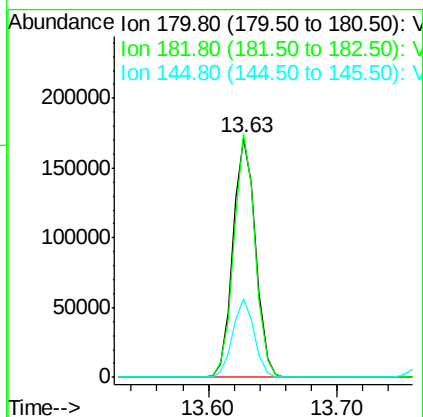
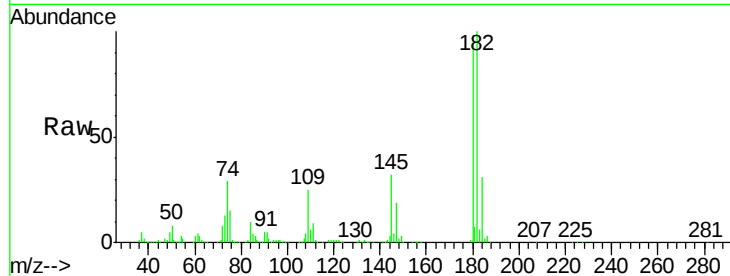




#93
 1,2,4-Trichlorobenzene
 Concen: 52.498 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

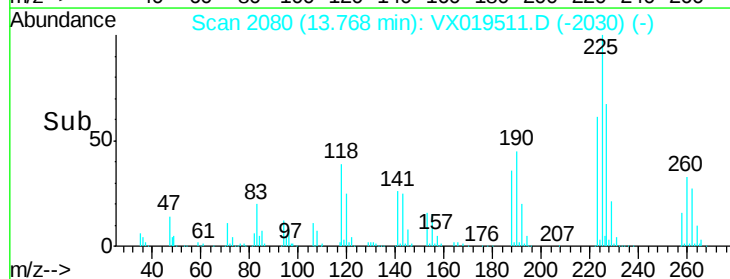
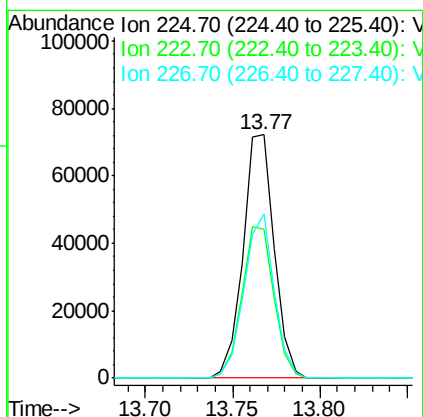
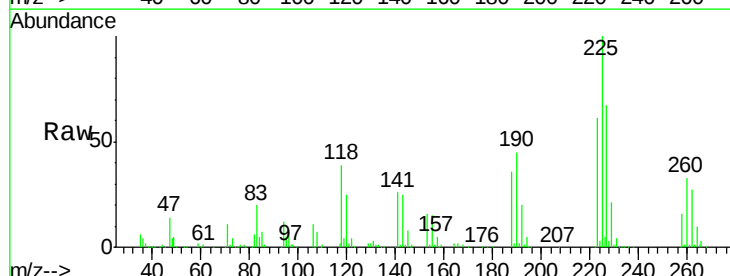
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

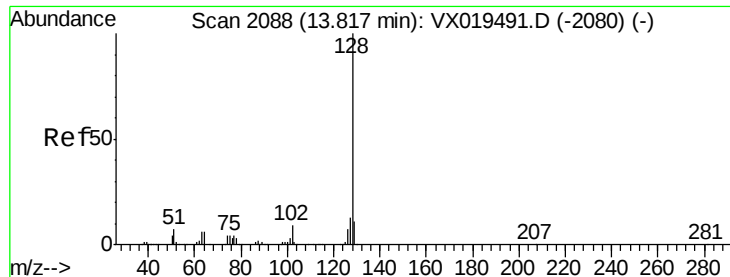
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.6	145.9
145	31.4	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 48.944 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019511.D
 Acq: 20 Nov 2020 22:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.5	97.5
227	65.0	32.8	98.3

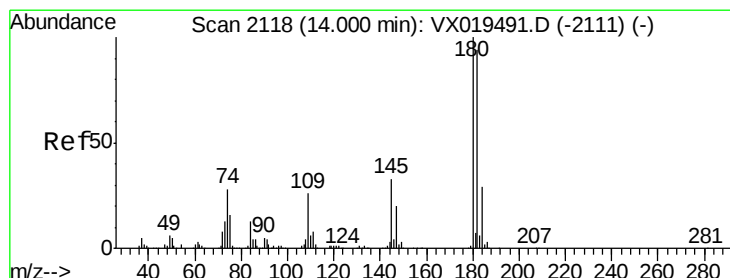
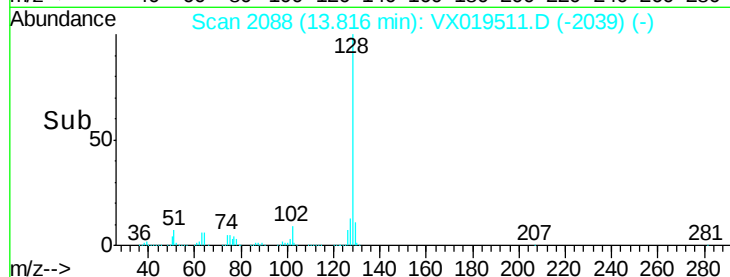
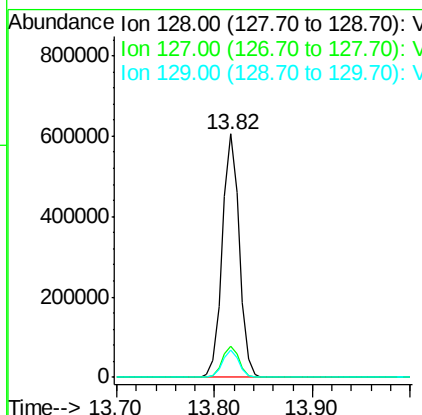
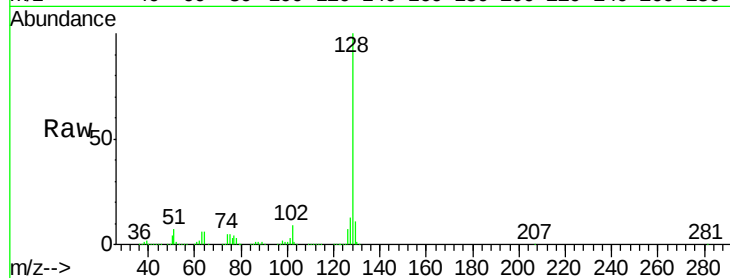




#95
Naphthalene
Concen: 51.453 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 727088
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.715 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019511.D
Acq: 20 Nov 2020 22:06

Tgt Ion:180 Resp: 214991
Ion Ratio Lower Upper
180 100
182 93.7 48.1 144.3
145 32.0 16.6 49.8

