

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121120\NOT REVIEWED DATA\
 Data File : VX019902.D
 Acq On : 12 Dec 2020 01:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 21 11:59:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	430459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200950	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	168057	49.86	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.72%	
35) Dibromofluoromethane		5.46	113	135672	48.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.54%	
50) Toluene-d8		8.70	98	517416	48.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.44%	
62) 4-Bromofluorobenzene		11.12	95	198142	49.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	111712	47.577	ug/l	100
3) Chloromethane	1.31	50	129167	46.776	ug/l	99
4) Vinyl Chloride	1.39	62	145833	50.086	ug/l	100
5) Bromomethane	1.62	94	44204	45.722	ug/l	100
6) Chloroethane	1.70	64	97039	55.480	ug/l	100
7) Trichlorofluoromethane	1.91	101	201510	49.695	ug/l	99
8) Diethyl Ether	2.17	74	90226	52.507	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	124473	53.555	ug/l	99
10) Methyl Iodide	2.49	142	157744	46.045	ug/l	100
11) Tert butyl alcohol	3.01	59	172607	249.077	ug/l	100
12) 1,1-Dichloroethene	2.36	96	122495	52.131	ug/l	99
13) Acrolein	2.27	56	70261	188.844	ug/l	100
14) Allyl chloride	2.70	41	206426	52.016	ug/l	98
15) Acrylonitrile	3.11	53	423760	278.096	ug/l	100
16) Acetone	2.42	43	329289	259.906	ug/l	99
17) Carbon Disulfide	2.55	76	294182	43.633	ug/l	100
18) Methyl Acetate	2.75	43	186255	60.075	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	476818	55.720	ug/l	99
20) Methylene Chloride	2.83	84	157462	54.570	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141930	51.809	ug/l	99
22) Diisopropyl ether	3.82	45	456481	56.891	ug/l	93
23) Vinyl Acetate	3.78	43	1926480	281.818	ug/l	99
24) 1,1-Dichloroethane	3.67	63	264261	54.615	ug/l	99
25) 2-Butanone	4.63	43	534954	274.786	ug/l	100
26) 2,2-Dichloropropane	4.55	77	189139	45.392	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	170165	53.079	ug/l	98
28) Bromochloromethane	4.98	49	119168	51.664	ug/l	98
29) Tetrahydrofuran	5.09	42	345205	275.217	ug/l	98
30) Chloroform	5.17	83	273036	54.880	ug/l	100
31) Cyclohexane	5.54	56	212236	50.619	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	226874	52.952	ug/l	100
36) 1,1-Dichloropropene	5.76	75	190568	48.992	ug/l	99
37) Ethyl Acetate	4.79	43	207050	52.720	ug/l	99
38) Carbon Tetrachloride	5.75	117	187993	49.354	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	219651	48.064	ug/l	98
40) Benzene	6.11	78	612010	51.507	ug/l	99
41) Methacrylonitrile	5.00	41	113551	52.660	ug/l	99
42) 1,2-Dichloroethane	6.16	62	213016	52.471	ug/l	100
43) Isopropyl Acetate	6.41	43	334275	52.352	ug/l	100
44) Trichloroethene	7.18	130	152640	48.961	ug/l	96
45) 1,2-Dichloropropane	7.49	63	159633	53.754	ug/l	97
46) Dibromomethane	7.63	93	105401	52.557	ug/l	100
47) Bromodichloromethane	7.87	83	209436	52.629	ug/l	99
48) Methyl methacrylate	7.74	41	167534	53.350	ug/l	98
49) 1,4-Dioxane	7.71	88	75644	994.375	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1062889	272.653	ug/l	100
52) Toluene	8.76	92	383974	51.668	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	226261	51.237	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	247622	51.614	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	161605	53.962	ug/l	99
56) Ethyl methacrylate	9.16	69	247058	54.526	ug/l	99
57) 1,3-Dichloropropane	9.35	76	270705	52.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	667430	278.053	ug/l	99
59) 2-Hexanone	9.47	43	804160	266.127	ug/l	99
60) Dibromochloromethane	9.56	129	163371	53.693	ug/l	99
61) 1,2-Dibromoethane	9.65	107	165768	52.126	ug/l	100
64) Tetrachloroethene	9.32	164	131255	48.016	ug/l	97
65) Chlorobenzene	10.12	112	400526	49.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	150246	51.402	ug/l	98
67) Ethyl Benzene	10.23	91	725881	50.356	ug/l	99
68) m/p-Xylenes	10.34	106	550931	101.427	ug/l	100
69) o-Xylene	10.68	106	266075	50.923	ug/l	99
70) Styrene	10.70	104	459288	52.077	ug/l	100
71) Bromoform	10.84	173	118731	51.635	ug/l	98
73) Isopropylbenzene	11.00	105	709619	51.688	ug/l	99
74) N-amyl acetate	10.88	43	293737	53.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	257921	53.287	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	286428	63.552	ug/l	88
77) Bromobenzene	11.24	156	178973	50.941	ug/l	99
78) n-propylbenzene	11.34	91	812877	51.840	ug/l	99
79) 2-Chlorotoluene	11.40	91	496535	51.421	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	606286	52.326	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77205	49.520	ug/l	97
82) 4-Chlorotoluene	11.49	91	580825	51.359	ug/l	98
83) tert-Butylbenzene	11.76	119	592765	52.163	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	619179	53.050	ug/l	99
85) sec-Butylbenzene	11.93	105	679370	52.363	ug/l	100
86) p-Isopropyltoluene	12.05	119	627065	52.736	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	323013	50.093	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322364	49.083	ug/l	99
89) n-Butylbenzene	12.37	91	539041	51.168	ug/l	99
90) Hexachloroethane	12.58	117	108122	52.669	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	326880	52.001	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53453	51.371	ug/l	99

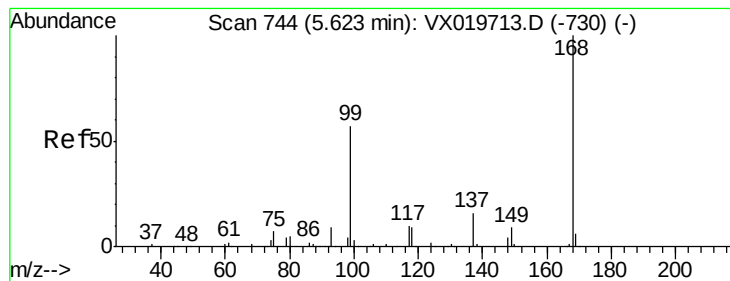
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214769	52.486	ug/l	98
94) Hexachlorobutadiene	13.76	225	93598	51.177	ug/l	98
95) Naphthalene	13.82	128	721774	54.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	211757	52.953	ug/l	99

(#) = 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. 0.01 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

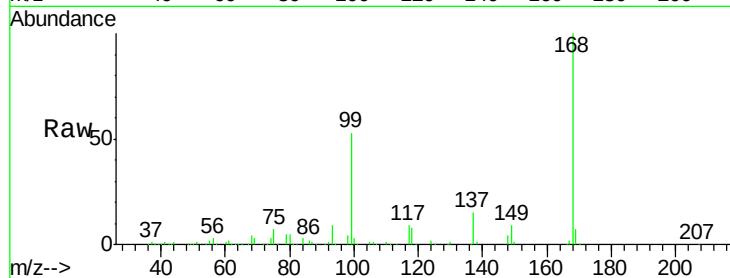
VSTDCCC050EC

Tgt Ion:168 Resp: 256463

Ion Ratio Lower Upper

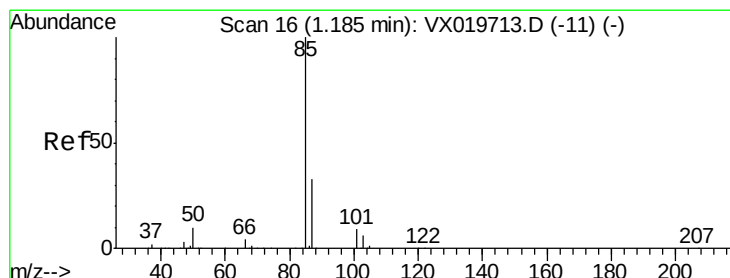
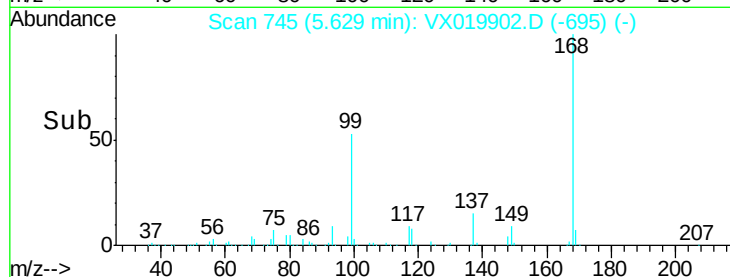
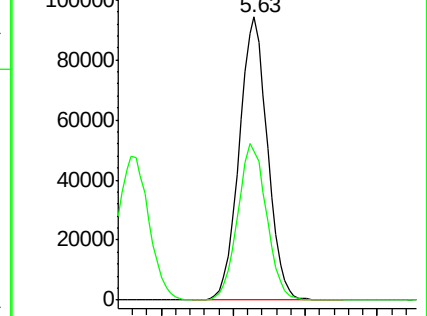
168 100

99 52.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.577 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019902.D

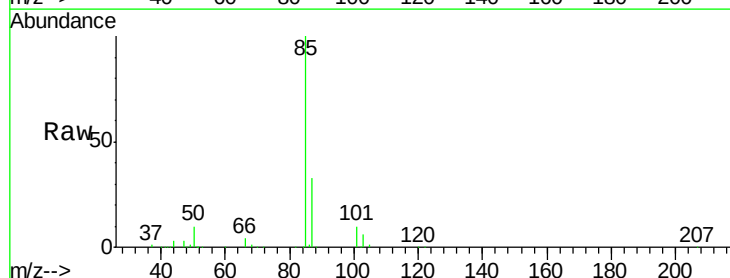
Acq: 12 Dec 2020 01:55

Tgt Ion: 85 Resp: 111712

Ion Ratio Lower Upper

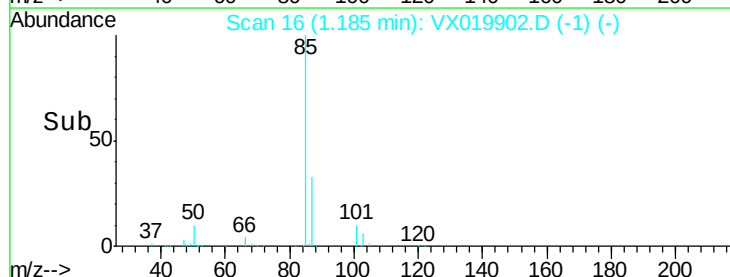
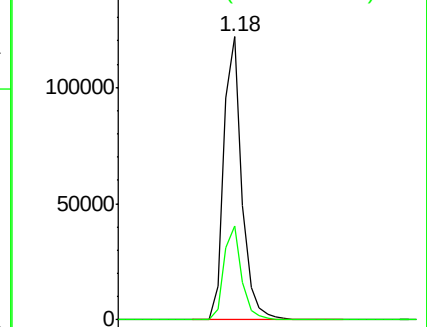
85 100

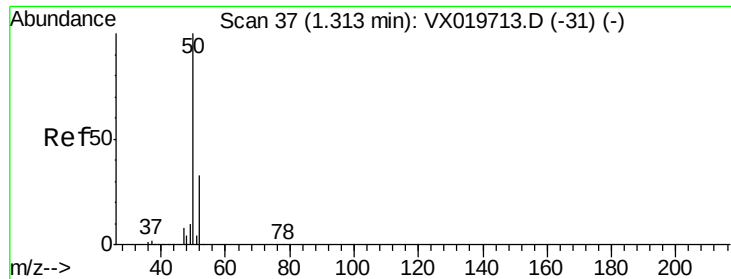
87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.776 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

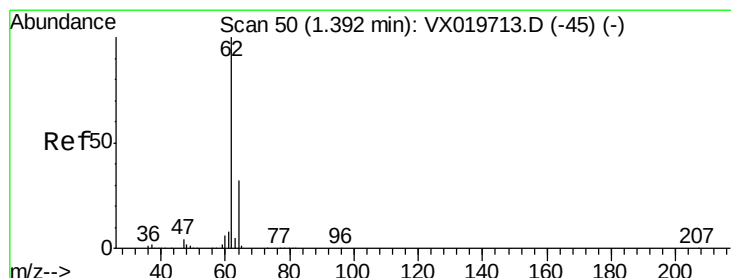
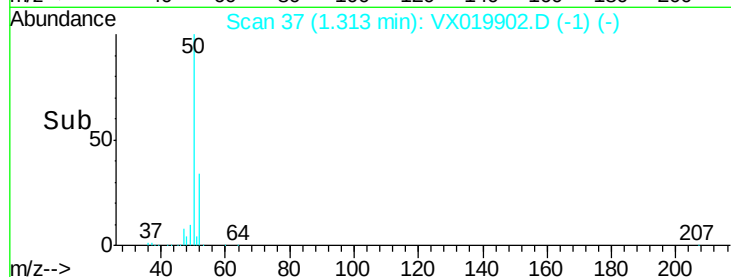
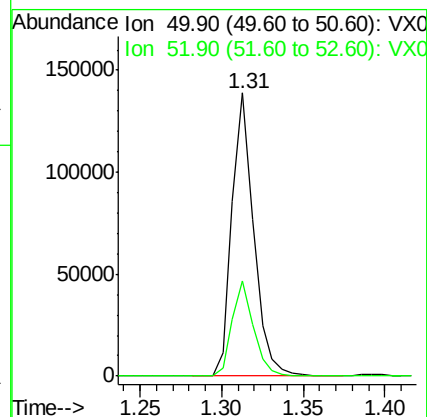
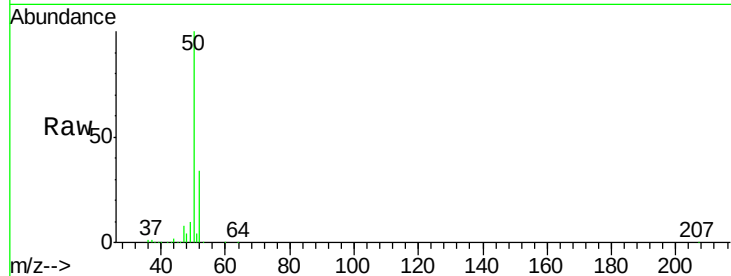
VSTDCCC050EC

Tgt Ion: 50 Resp: 129167

Ion Ratio Lower Upper

50 100

52 33.6 26.4 39.6



#4

Vinyl Chloride

Concen: 50.086 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019902.D

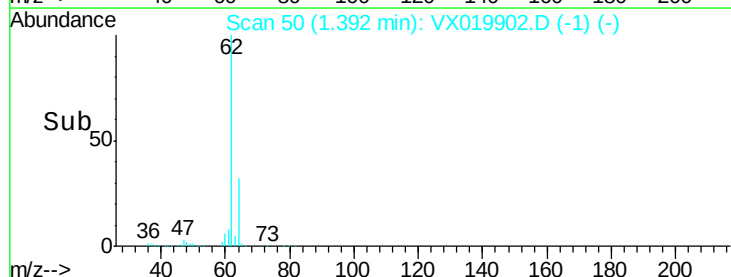
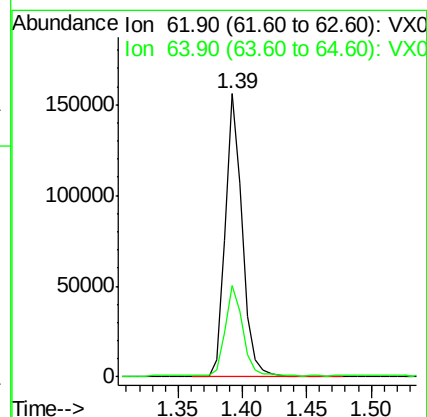
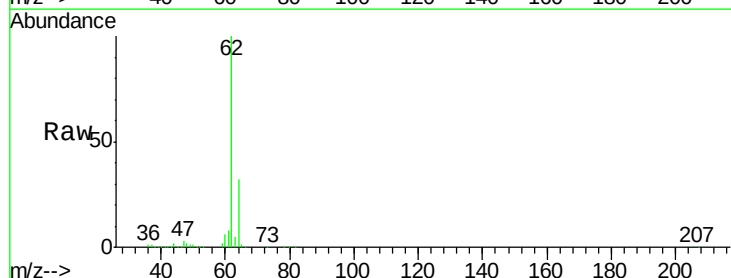
Acq: 12 Dec 2020 01:55

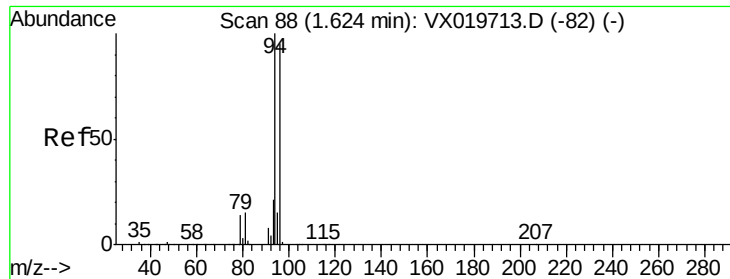
Tgt Ion: 62 Resp: 145833

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 45.722 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

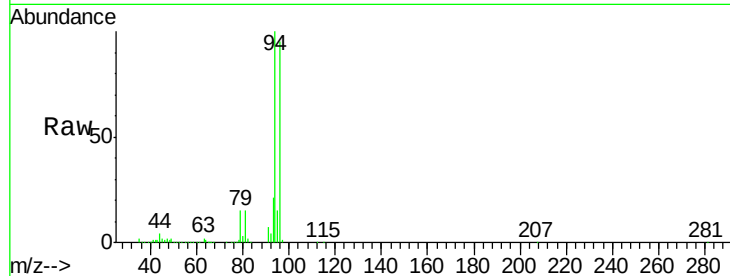
VSTDCCC050EC

Tgt Ion: 94 Resp: 44204

Ion Ratio Lower Upper

94 100

96 95.3 76.4 114.6

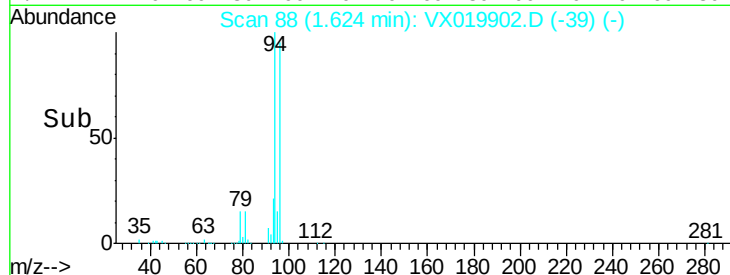


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

Time-->



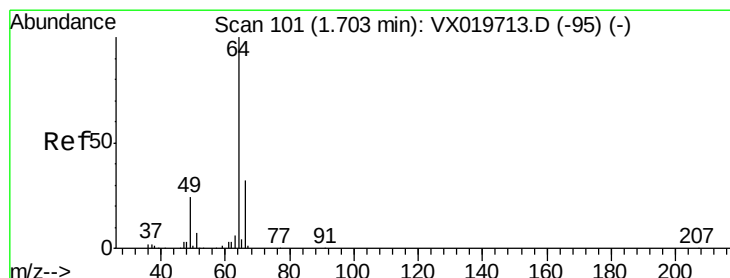
Abundance

Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

Time-->



#6

Chloroethane

Concen: 55.480 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019902.D

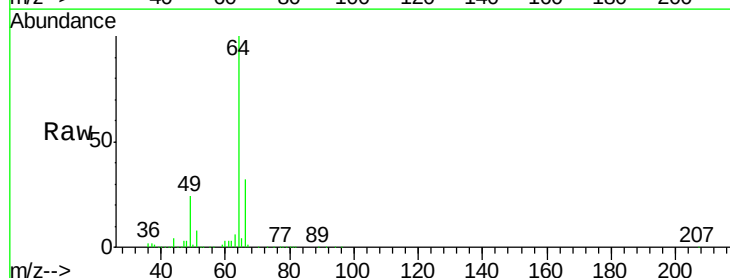
Acq: 12 Dec 2020 01:55

Tgt Ion: 64 Resp: 97039

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.0

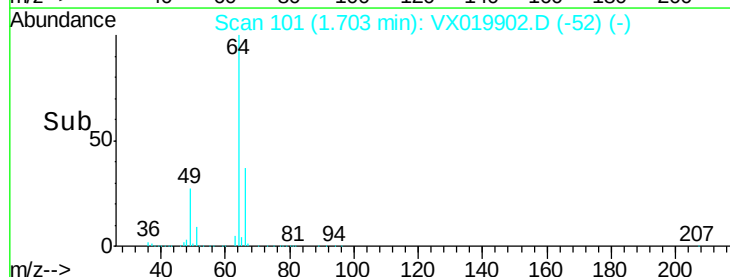


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

Time-->



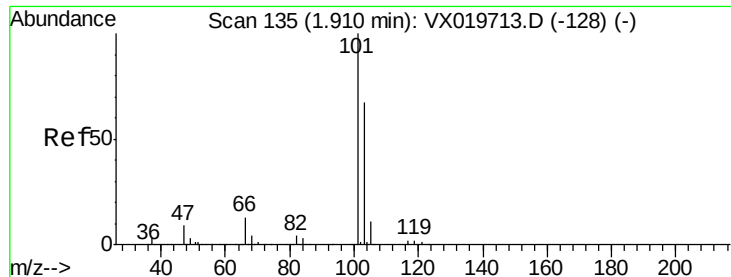
Abundance

Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

Time-->

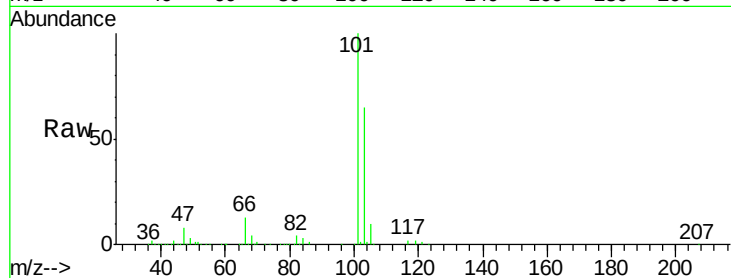


#7

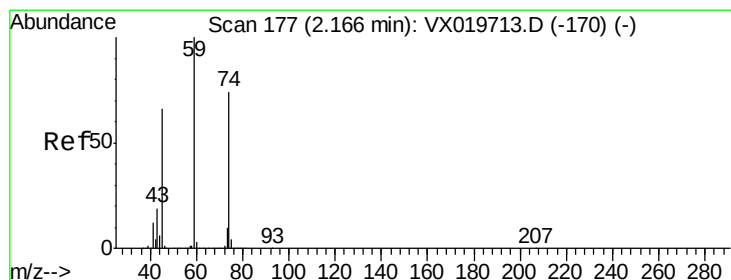
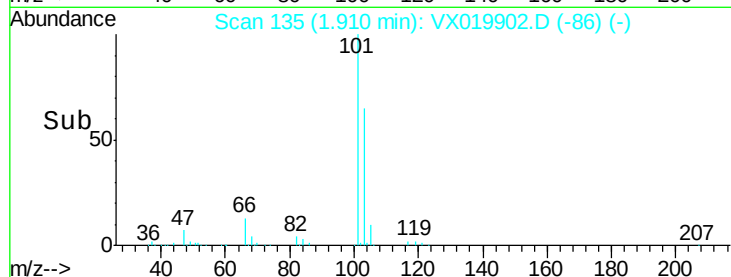
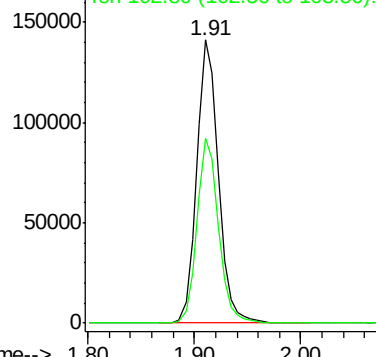
Trichlorofluoromethane
 Concen: 49.695 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 201510
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.2 79.8



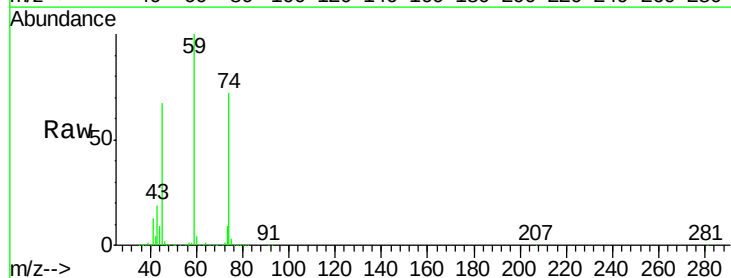
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



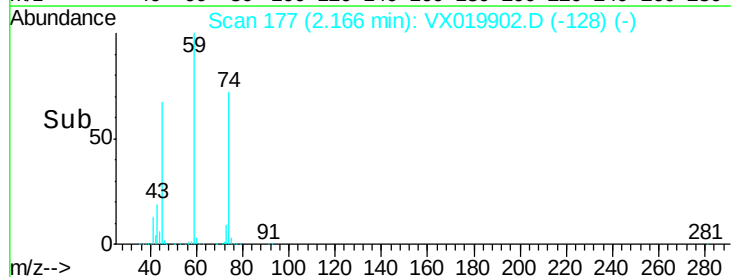
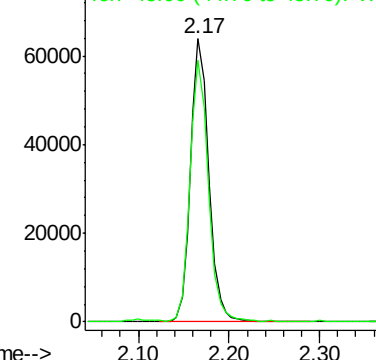
#8

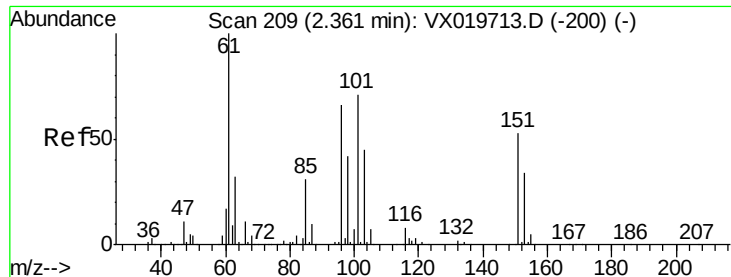
Diethyl Ether
 Concen: 52.507 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion: 74 Resp: 90226
 Ion Ratio Lower Upper
 74 100
 45 91.5 44.5 133.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.555 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

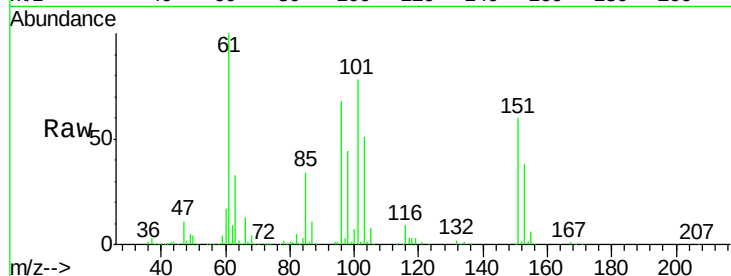
Tgt Ion:101 Resp: 124473

Ion Ratio Lower Upper

101 100

85 43.0 34.9 52.3

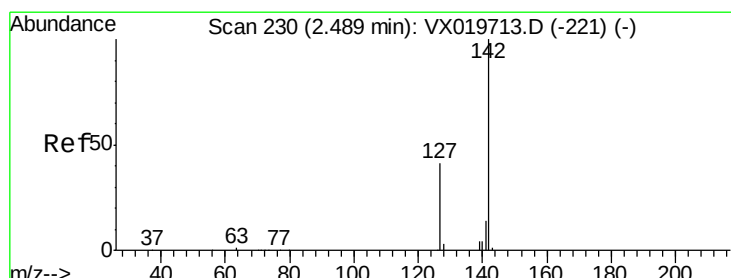
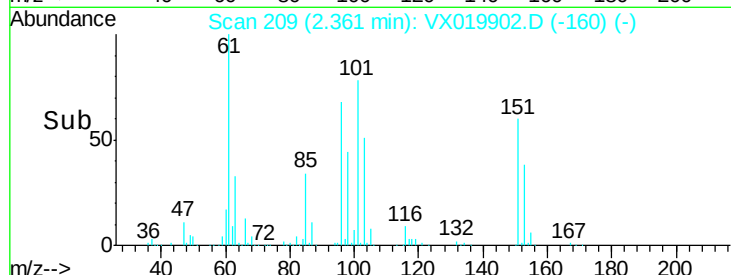
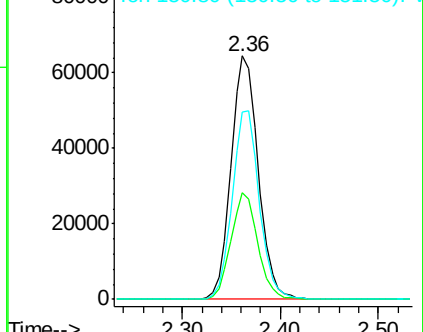
151 77.3 61.4 92.2



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: 46.045 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

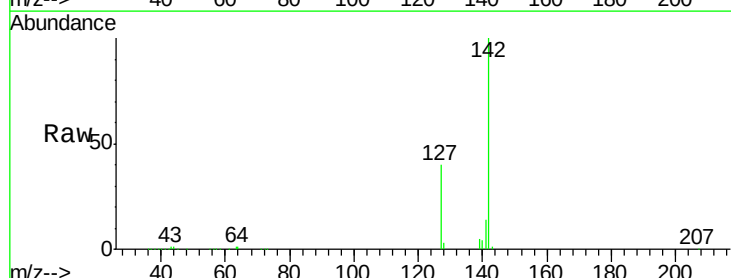
Tgt Ion:142 Resp: 157744

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

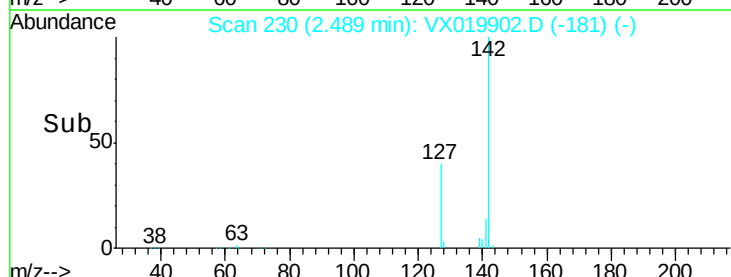
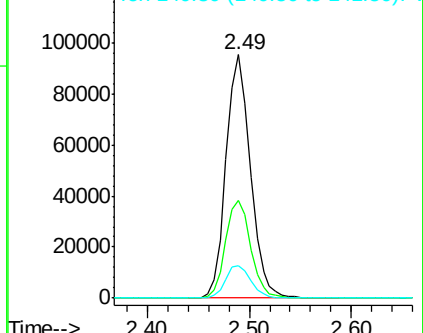
141 14.0 11.4 17.0

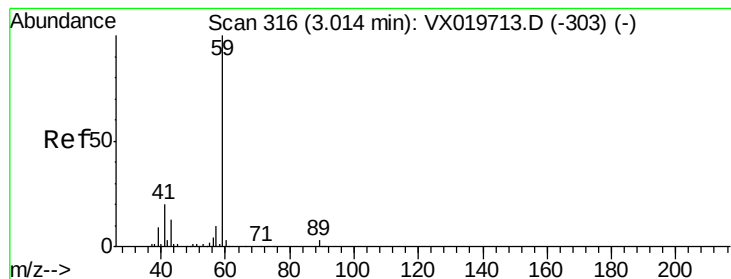


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



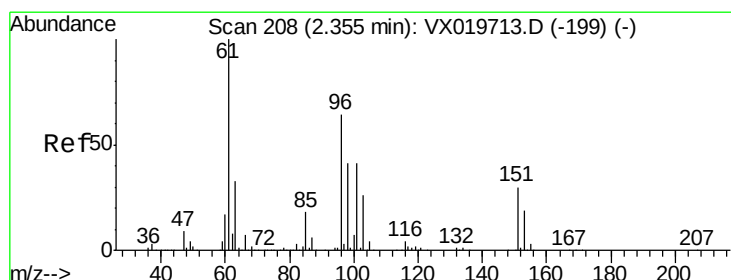
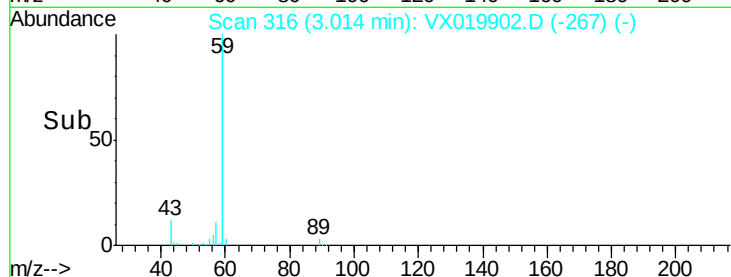
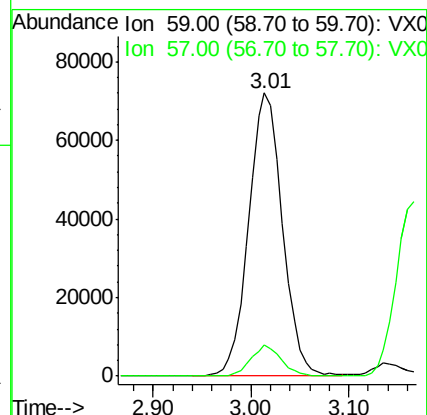
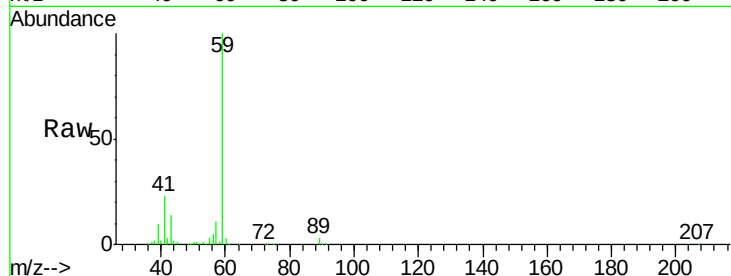


#11

Tert butyl alcohol
Concen: 249.077 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

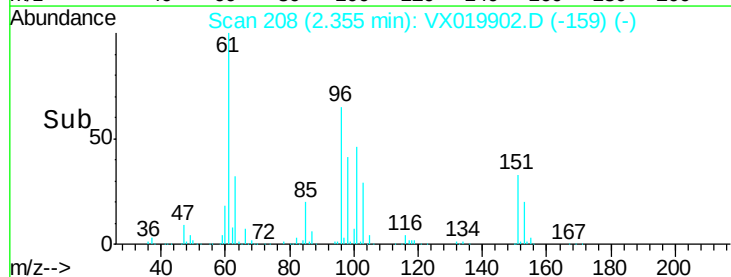
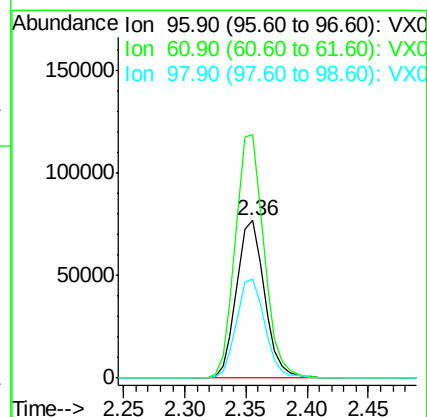
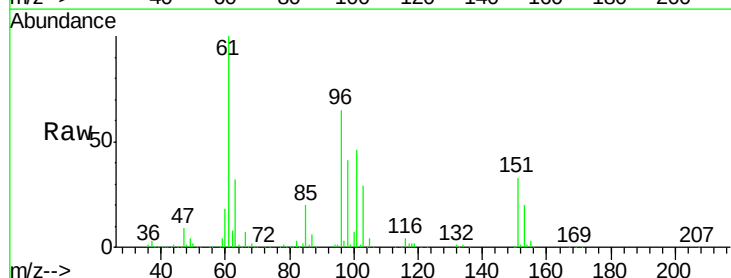
Tgt Ion: 59 Resp: 172607
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

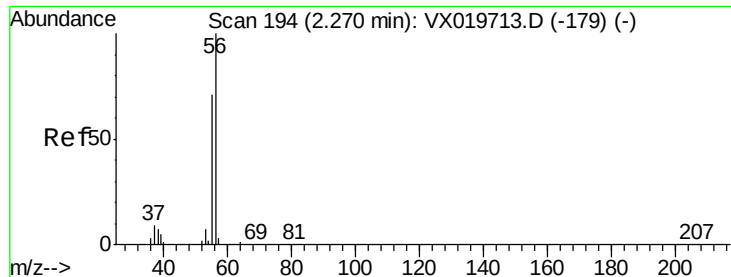


#12

1,1-Dichloroethene
Concen: 52.131 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 96 Resp: 122495
Ion Ratio Lower Upper
96 100
61 154.7 124.6 187.0
98 63.1 50.6 76.0





#13

Acrolein

Concen: 188.844 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

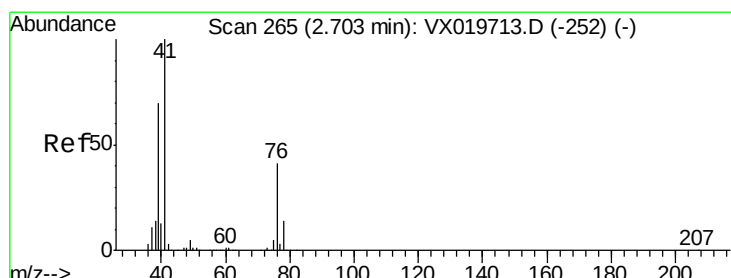
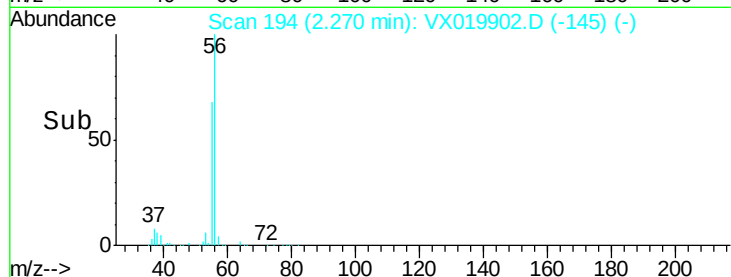
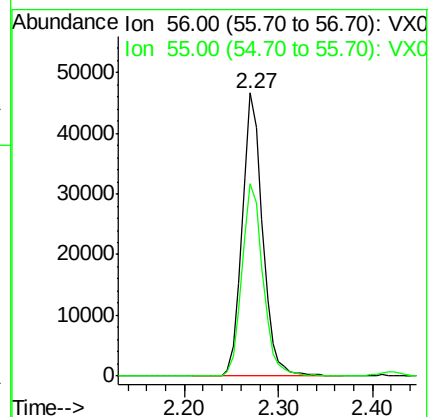
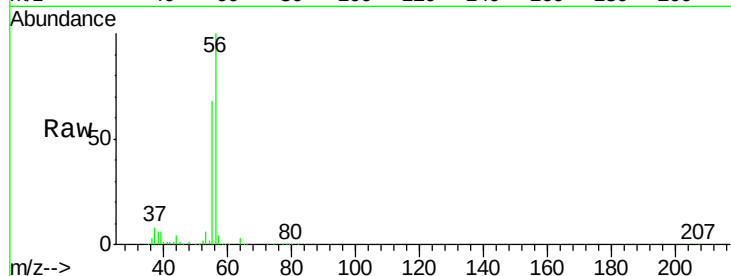
VSTDCCC050EC

Tgt Ion: 56 Resp: 70261

Ion Ratio Lower Upper

56 100

55 70.3 56.4 84.6



#14

Allyl chloride

Concen: 52.016 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

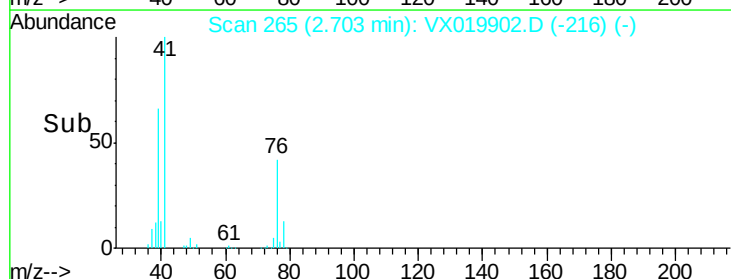
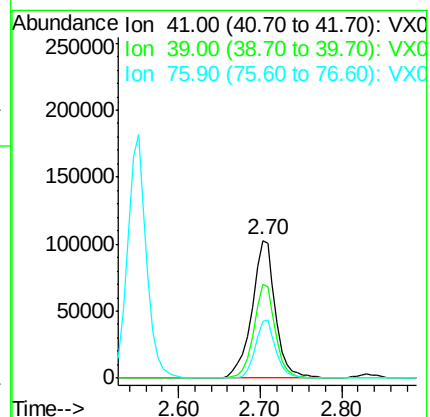
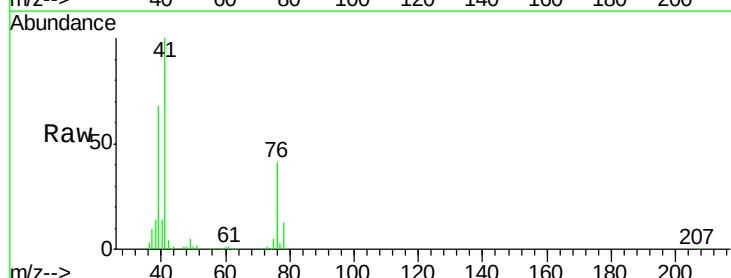
Tgt Ion: 41 Resp: 206426

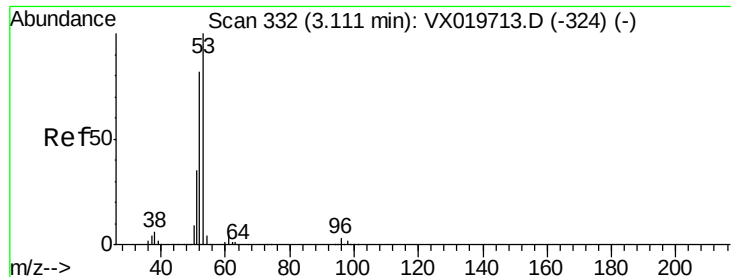
Ion Ratio Lower Upper

41 100

39 62.5 51.6 77.4

76 37.2 30.5 45.7





#15

Acrylonitrile

Concen: 278.096 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

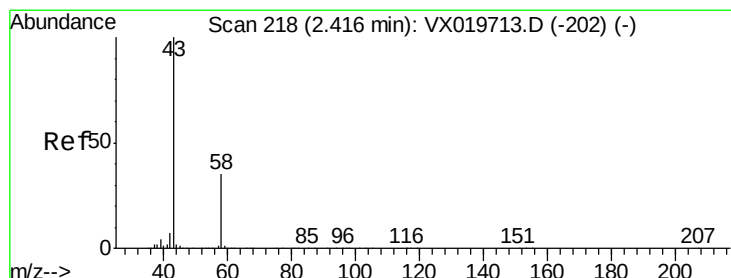
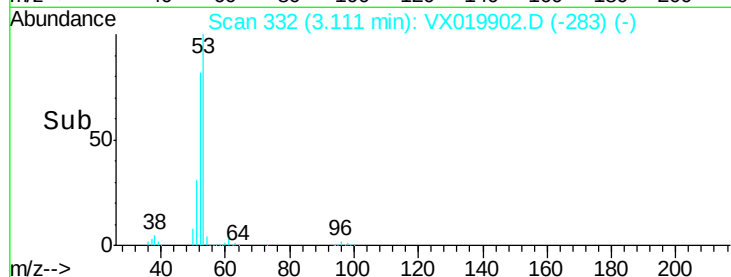
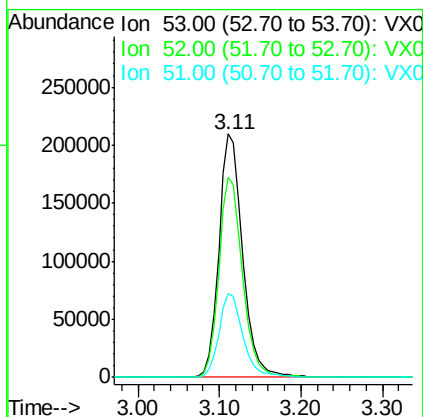
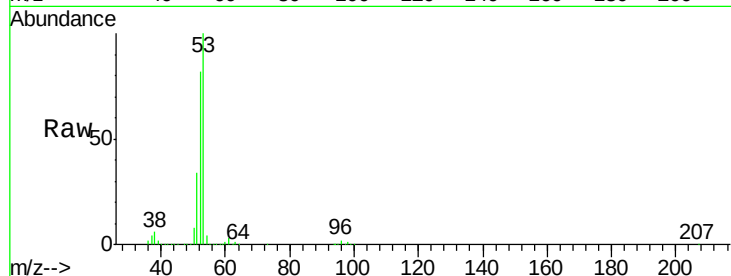
Tgt Ion: 53 Resp: 423760

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

51 35.1 28.2 42.2



#16

Acetone

Concen: 259.906 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019902.D

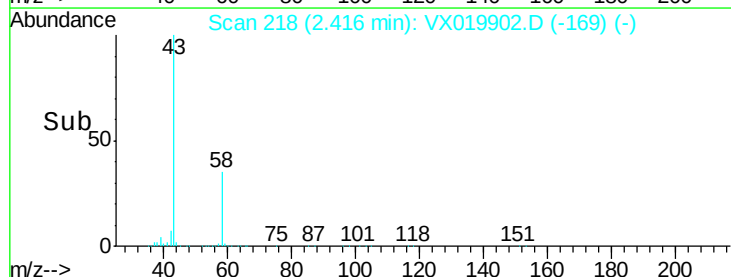
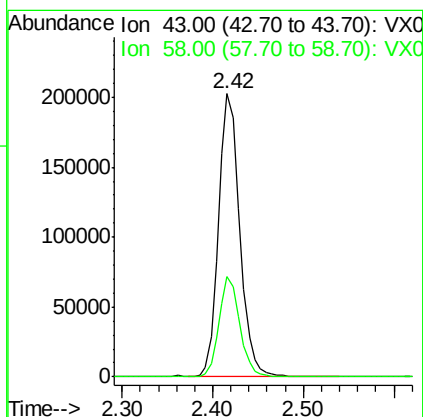
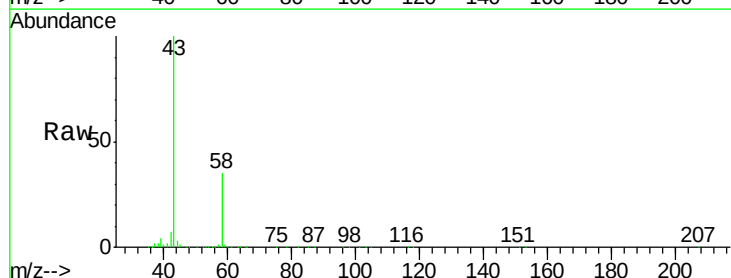
Acq: 12 Dec 2020 01:55

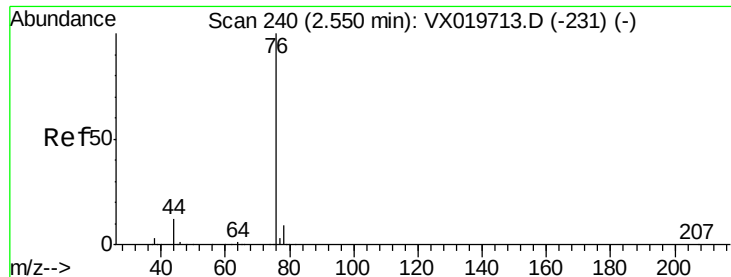
Tgt Ion: 43 Resp: 329289

Ion Ratio Lower Upper

43 100

58 35.3 27.8 41.8





#17

Carbon Disulfide

Concen: 43.633 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

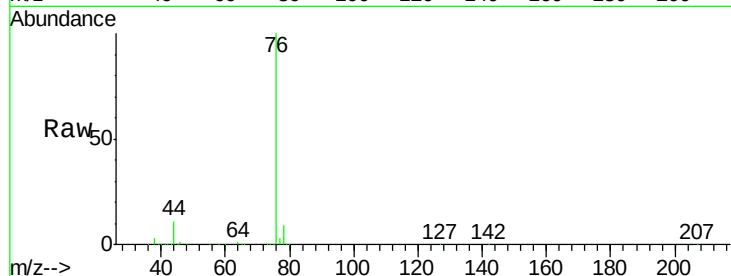
VSTDCCC050EC

Tgt Ion: 76 Resp: 294182

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

150000

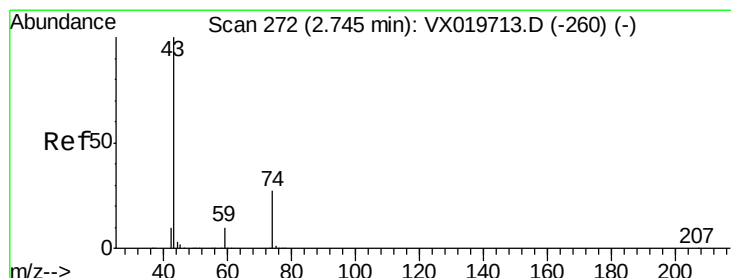
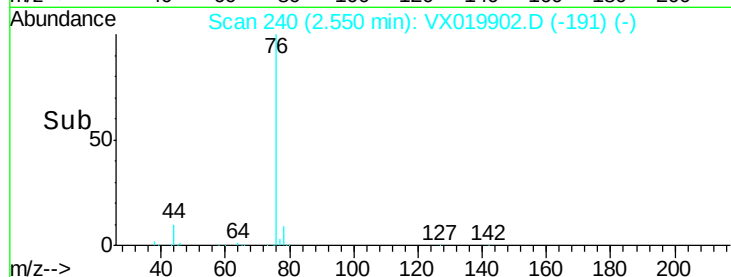
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 60.075 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019902.D

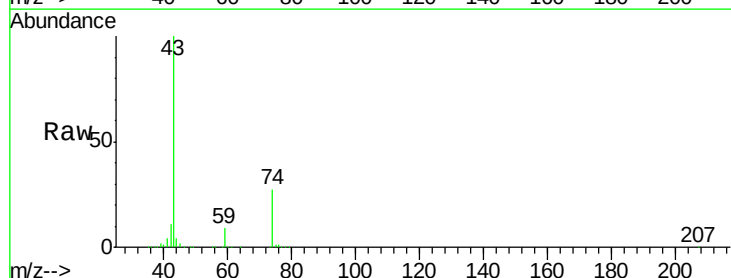
Acq: 12 Dec 2020 01:55

Tgt Ion: 43 Resp: 186255

Ion Ratio Lower Upper

43 100

74 27.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

120000

100000

80000

60000

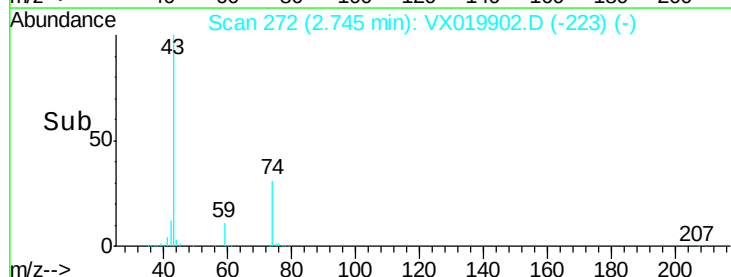
40000

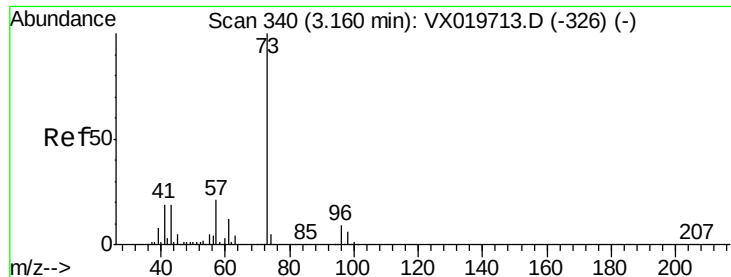
20000

0

Time-->

2.60 2.70 2.80

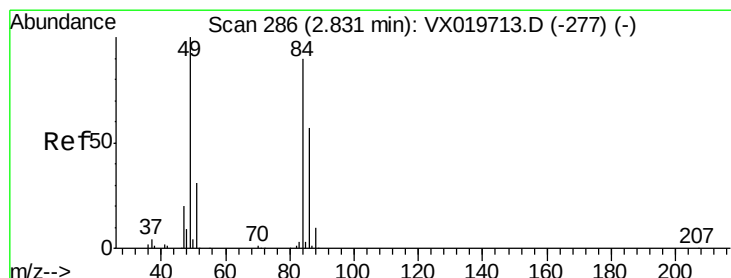
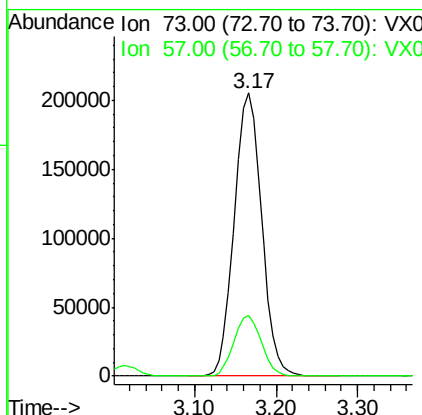
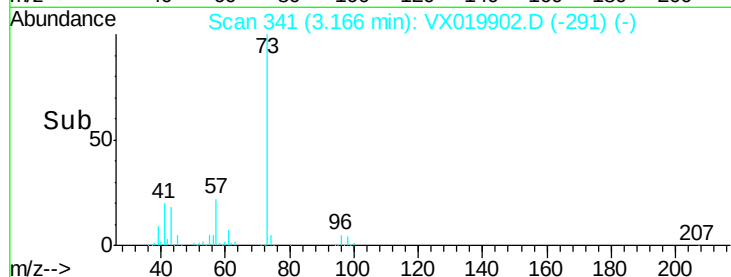
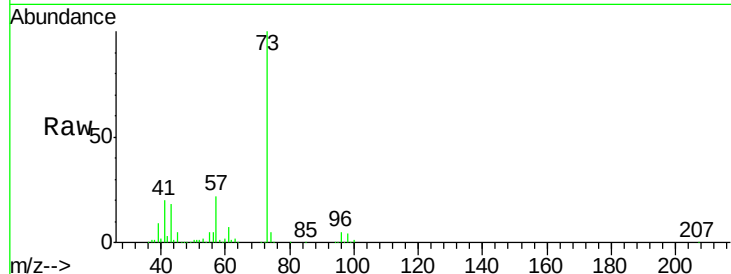




#19
Methyl tert-butyl Ether
Concen: 55.720 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

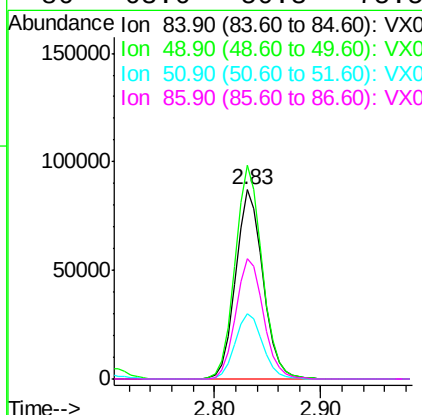
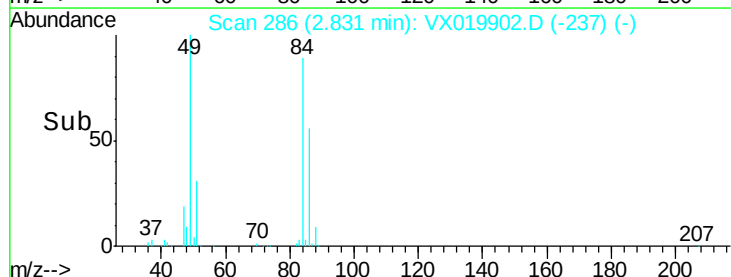
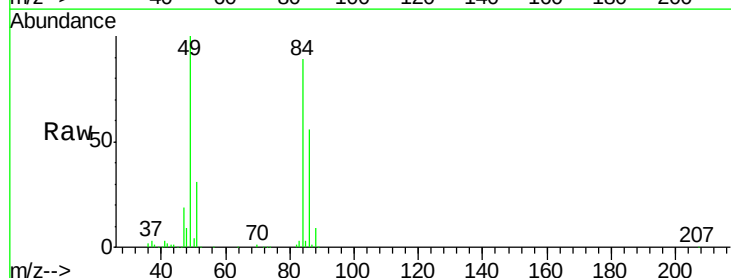
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

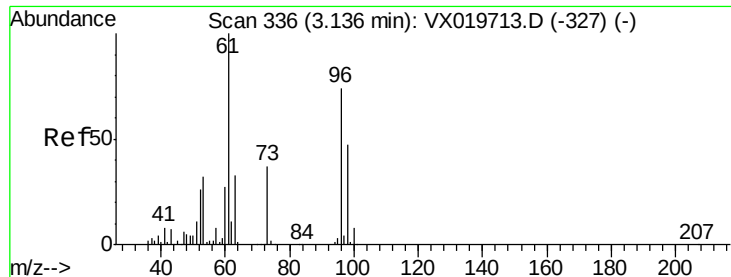
Tgt Ion: 73 Resp: 476818
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#20
Methylene Chloride
Concen: 54.570 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 84 Resp: 157462
Ion Ratio Lower Upper
84 100
49 113.0 88.6 132.8
51 34.6 27.0 40.6
86 63.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 51.809 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

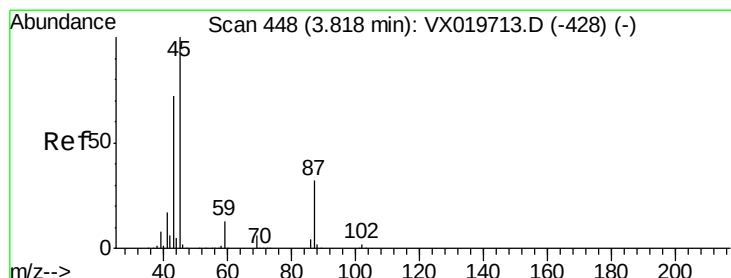
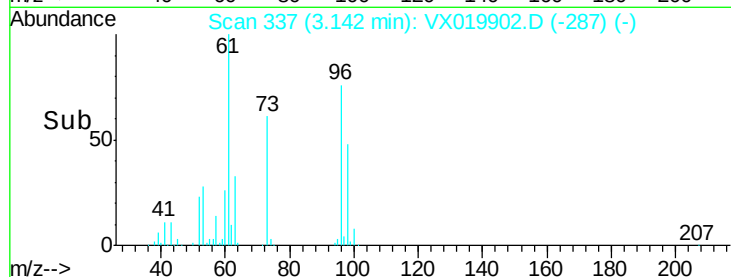
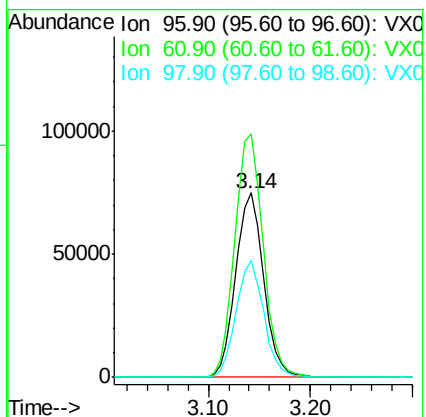
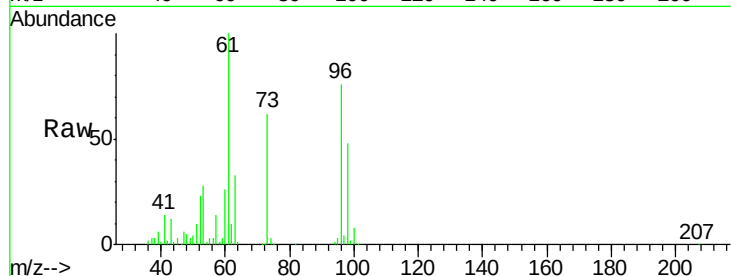
Tgt Ion: 96 Resp: 141930

Ion Ratio Lower Upper

96 100

61 132.2 107.7 161.5

98 63.2 50.4 75.6



#22

Diisopropyl ether

Concen: 56.891 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Tgt Ion: 45 Resp: 456481

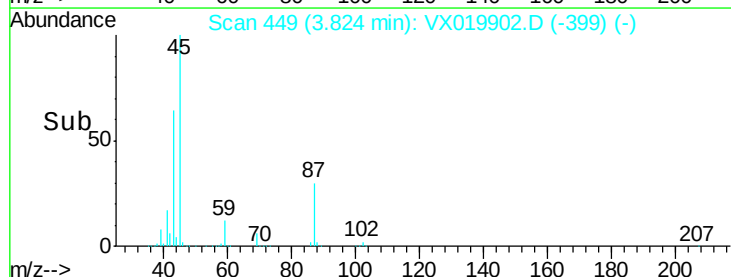
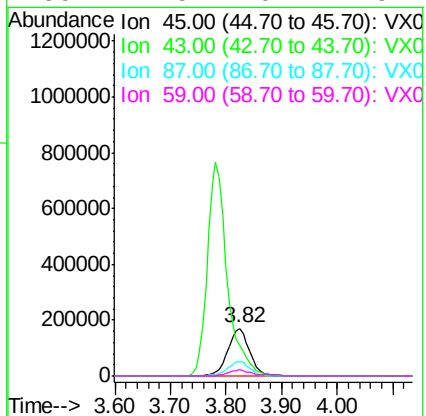
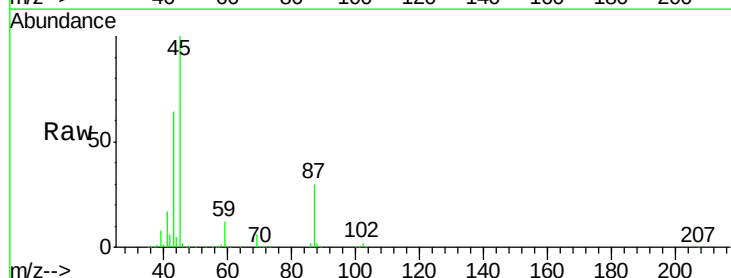
Ion Ratio Lower Upper

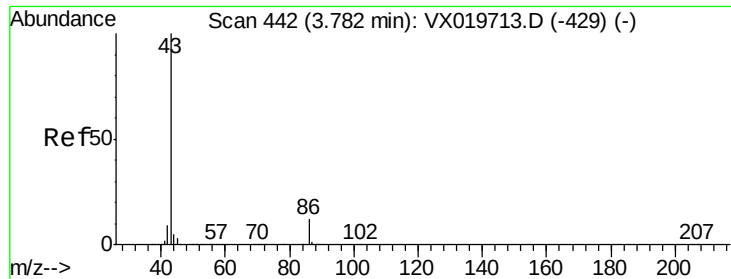
45 100

43 63.5 58.0 87.0

87 30.4 25.4 38.0

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 281.818 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

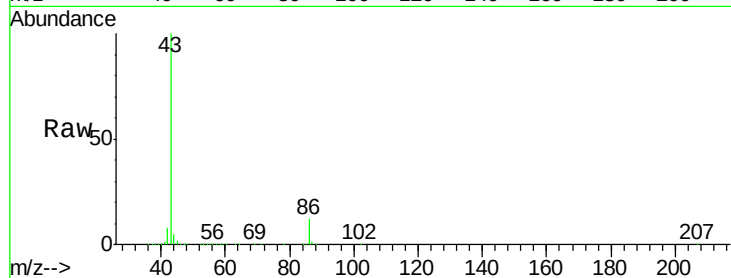
VSTDCCC050EC

Tgt Ion: 43 Resp: 1926480

Ion Ratio Lower Upper

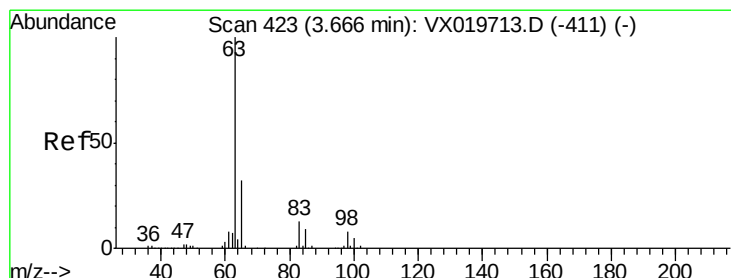
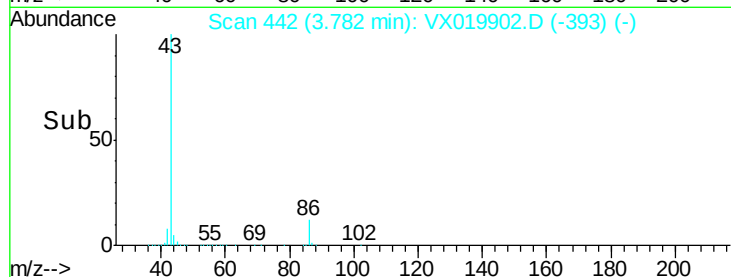
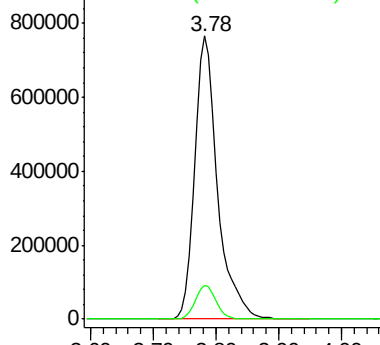
43 100

86 12.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.615 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

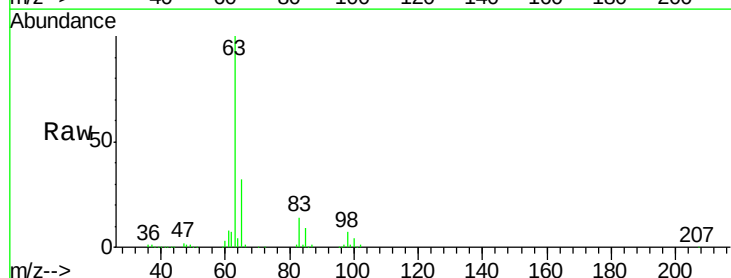
Tgt Ion: 63 Resp: 264261

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

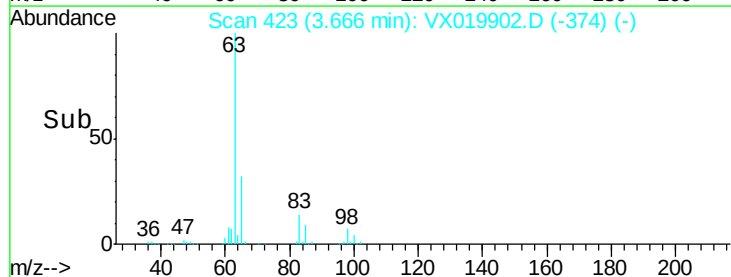
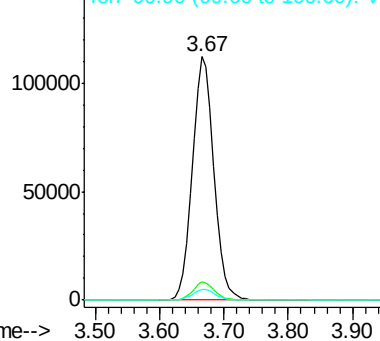
100 4.5 2.5 7.5

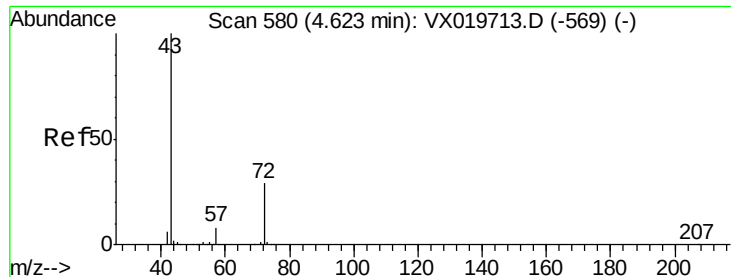


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 274.786 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

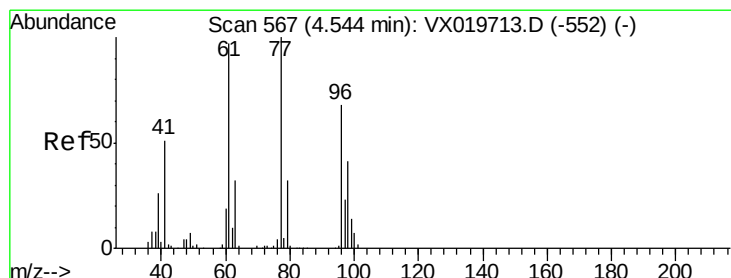
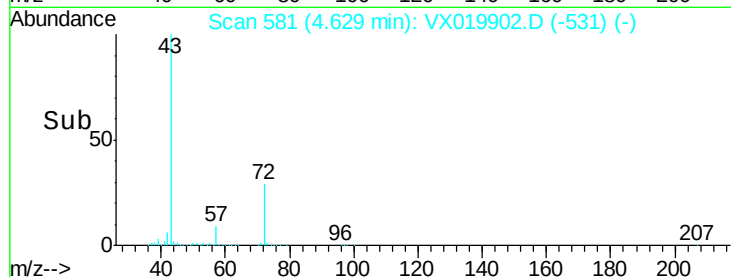
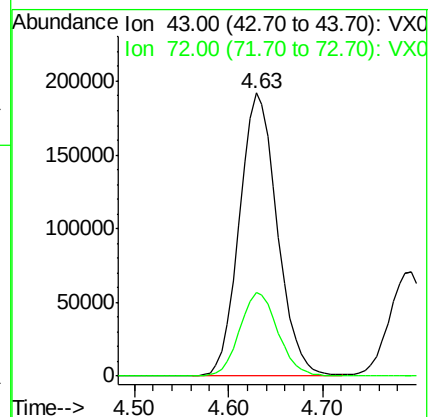
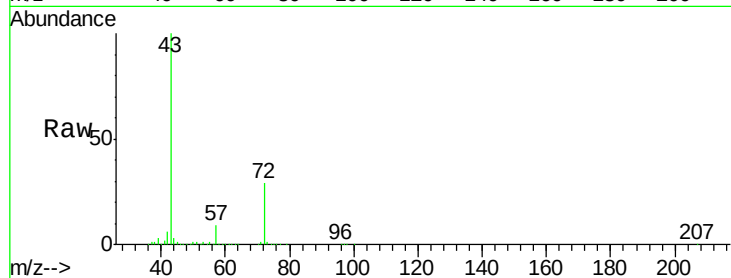
VSTDCCC050EC

Tgt Ion: 43 Resp: 534954

Ion Ratio Lower Upper

43 100

72 29.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: 45.392 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019902.D

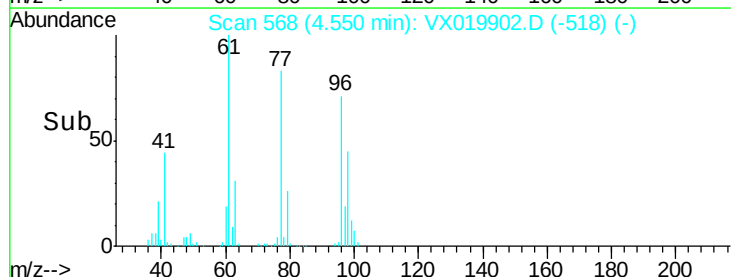
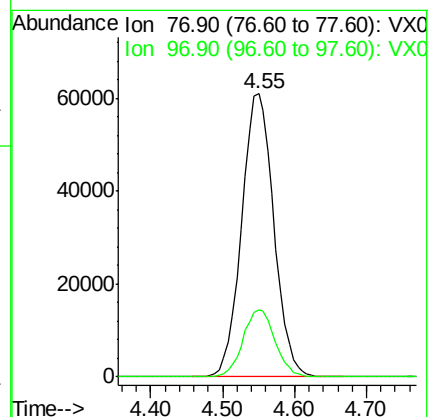
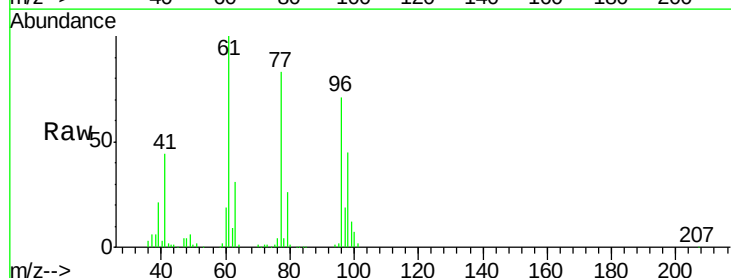
Acq: 12 Dec 2020 01:55

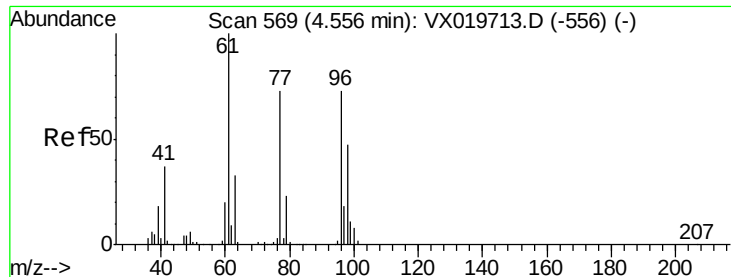
Tgt Ion: 77 Resp: 189139

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1



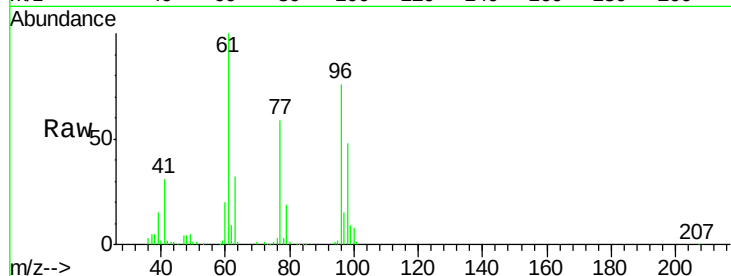


#27

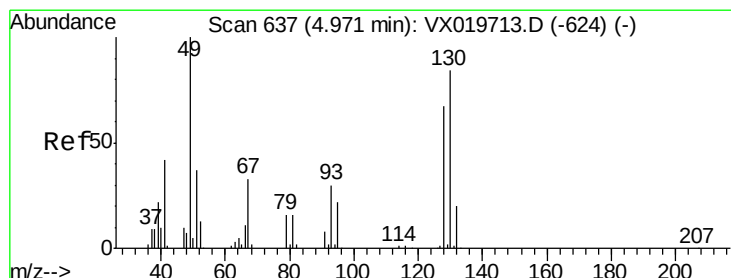
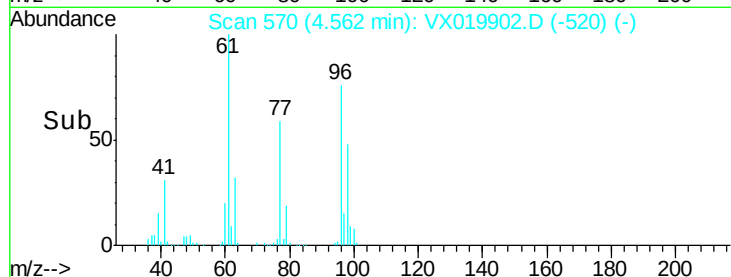
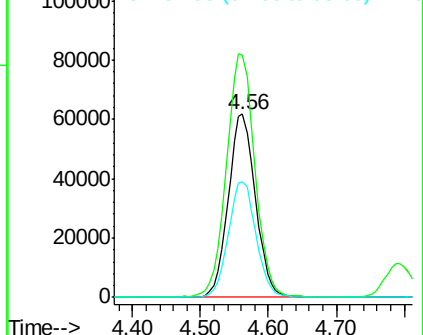
cis-1,2-Dichloroethene
Concen: 53.079 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 170165
Ion Ratio Lower Upper
96 100
61 140.2 0.0 285.6
98 64.6 0.0 129.6



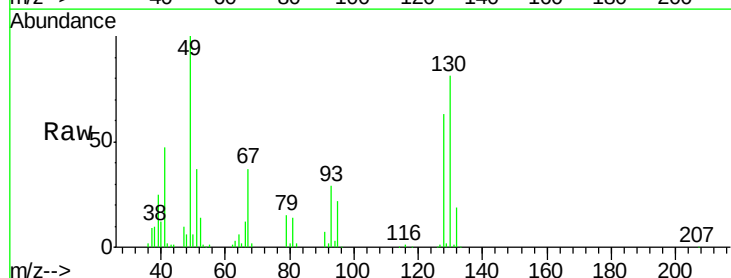
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



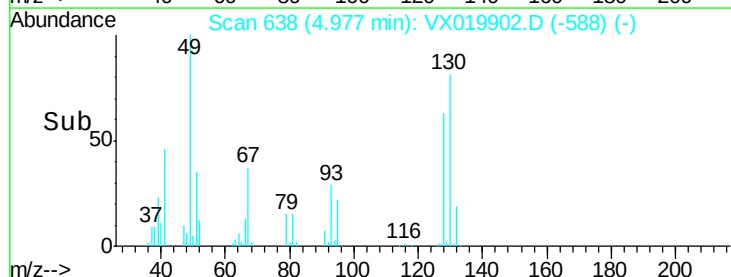
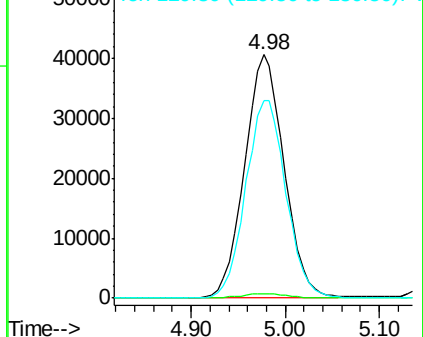
#28

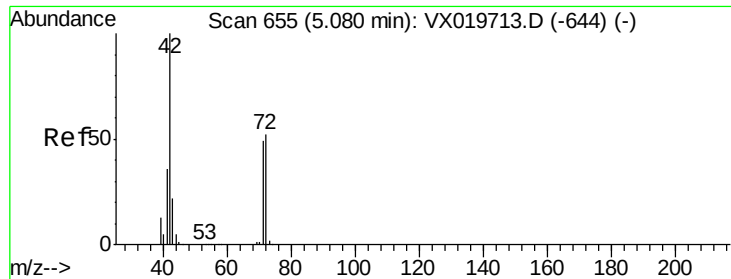
Bromochloromethane
Concen: 51.664 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 49 Resp: 119168
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 83.2 68.2 102.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

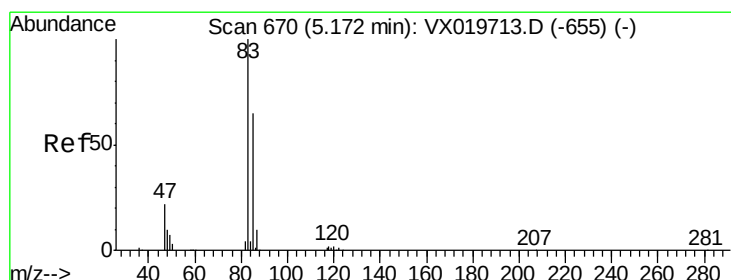
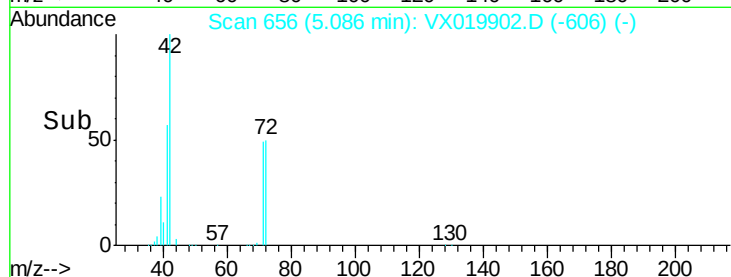
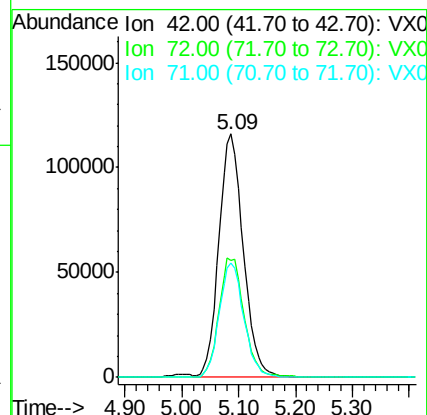
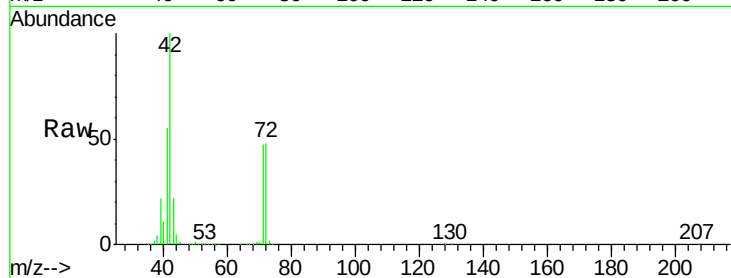




#29
Tetrahydrofuran
Concen: 275.217 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

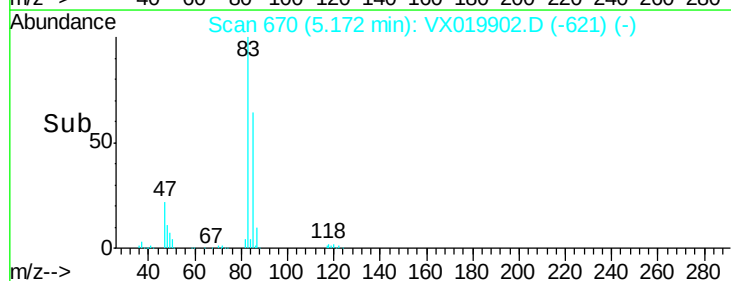
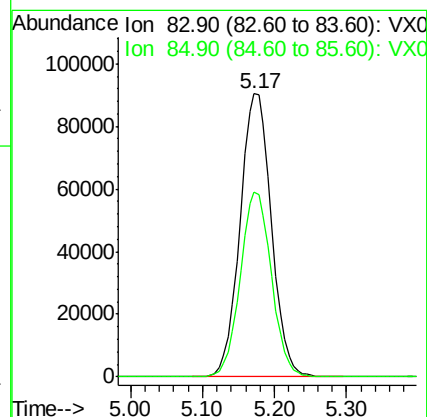
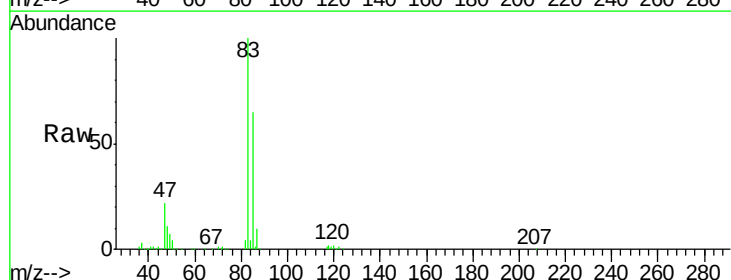
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

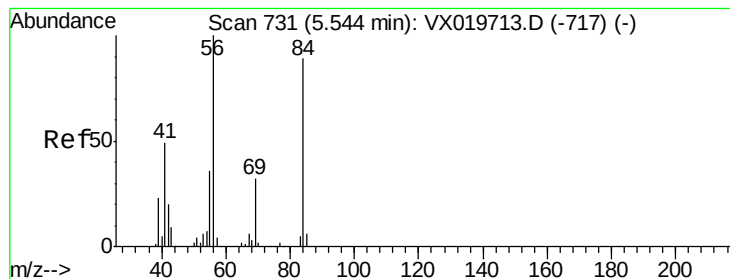
Tgt Ion: 42 Resp: 345205
Ion Ratio Lower Upper
42 100
72 50.7 41.7 62.5
71 47.3 38.4 57.6



#30
Chloroform
Concen: 54.880 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 83 Resp: 273036
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0





#31

Cyclohexane

Concen: 50.619 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

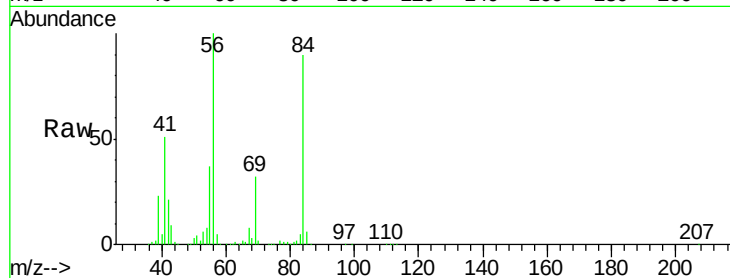
Tgt Ion: 56 Resp: 212236

Ion Ratio Lower Upper

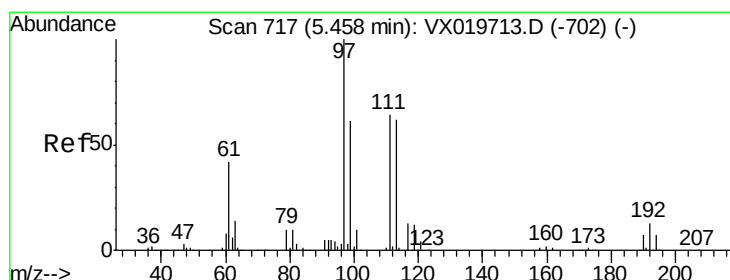
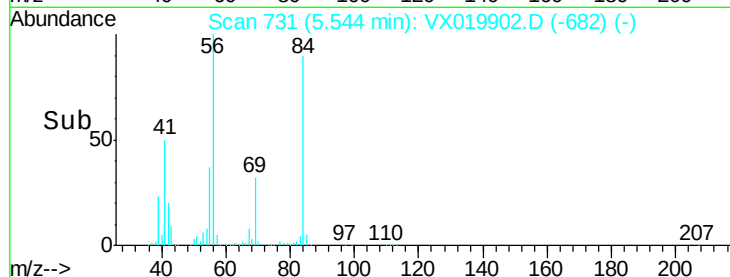
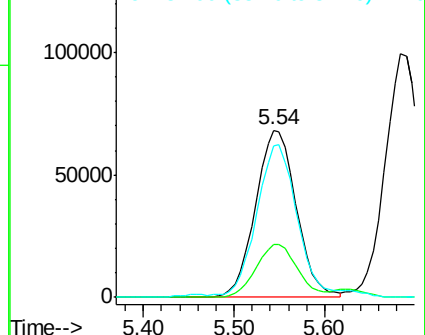
56 100

69 31.6 25.3 37.9

84 88.7 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.952 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

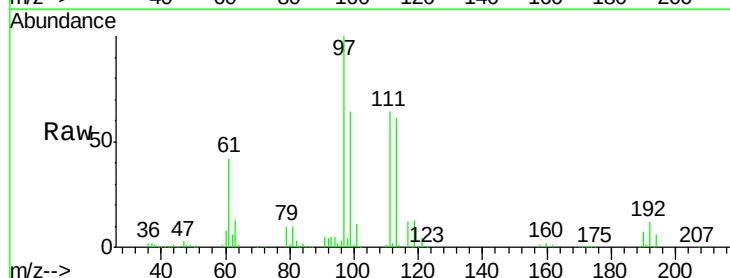
Tgt Ion: 97 Resp: 226874

Ion Ratio Lower Upper

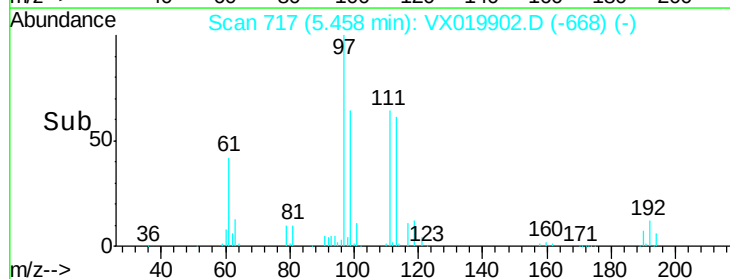
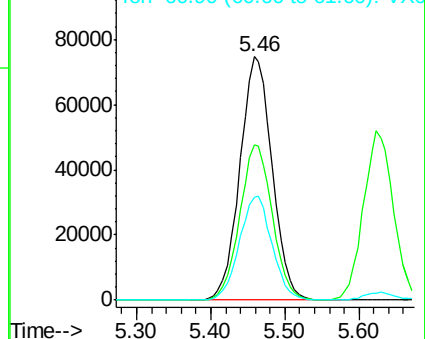
97 100

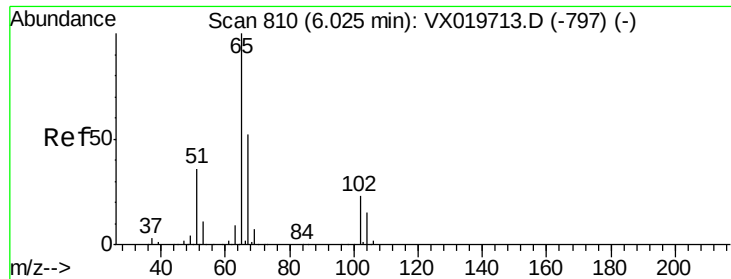
99 64.3 51.5 77.3

61 43.2 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

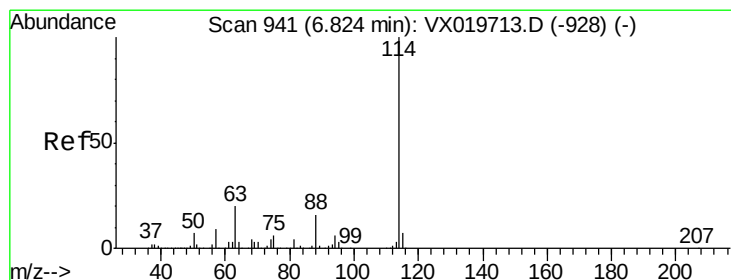
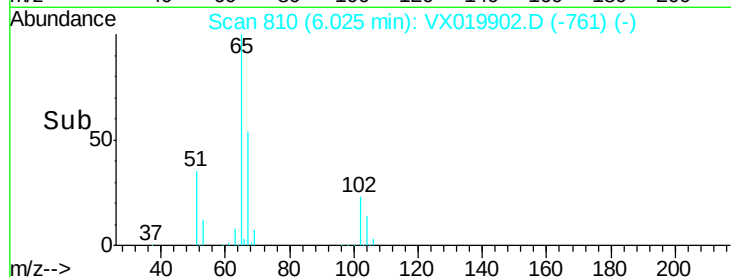
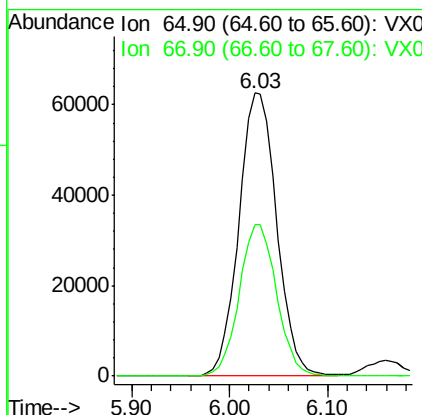
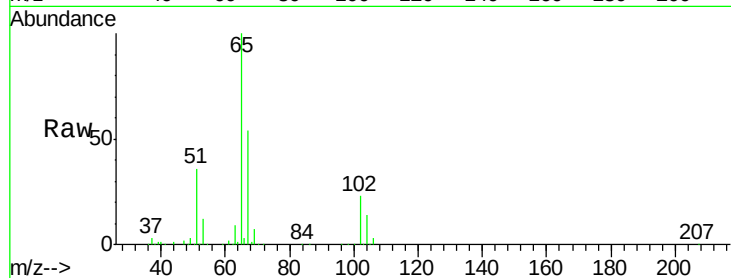




#33
 1,2-Dichloroethane-d4
 Concen: 49.859 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

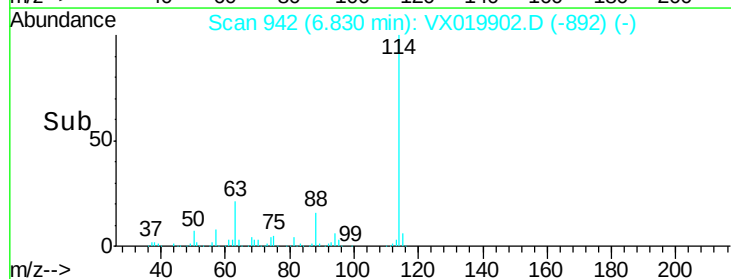
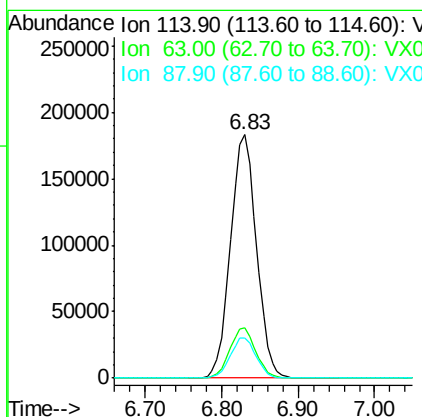
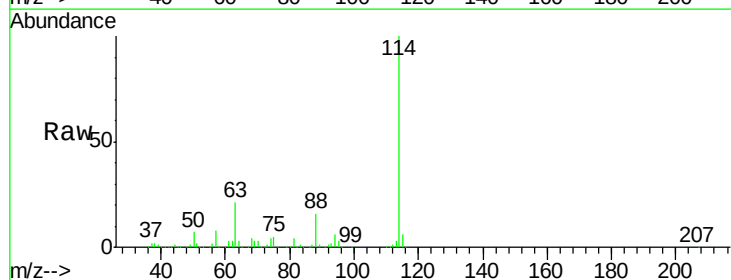
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

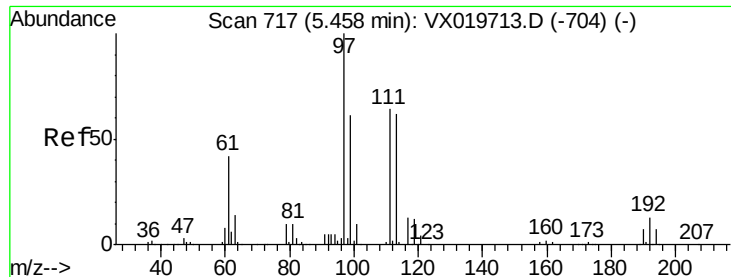
Tgt Ion: 65 Resp: 168057
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion: 114 Resp: 430459
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.768 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

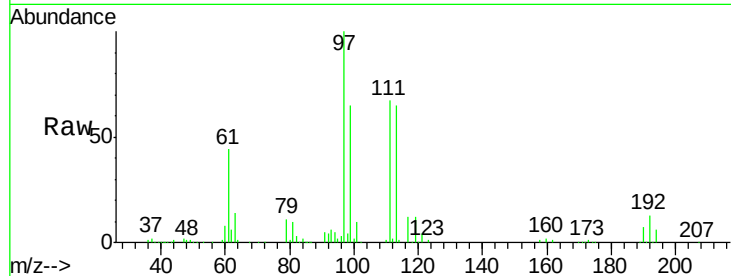
Tgt Ion:113 Resp: 135672

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

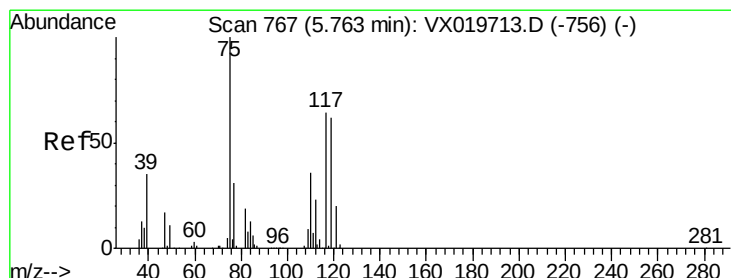
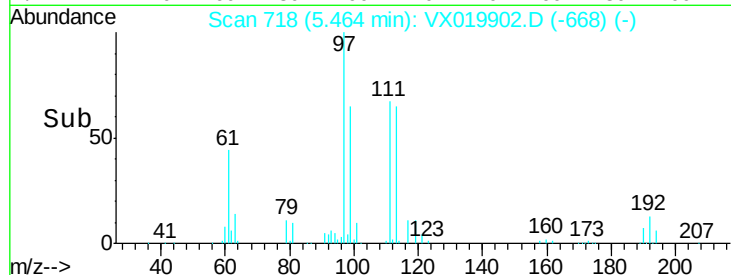
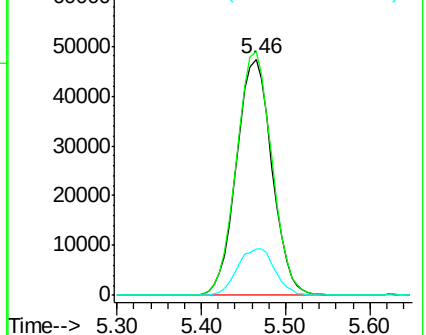
192 20.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.992 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

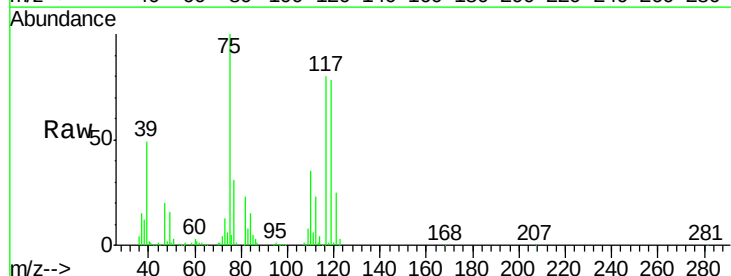
Tgt Ion: 75 Resp: 190568

Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.4

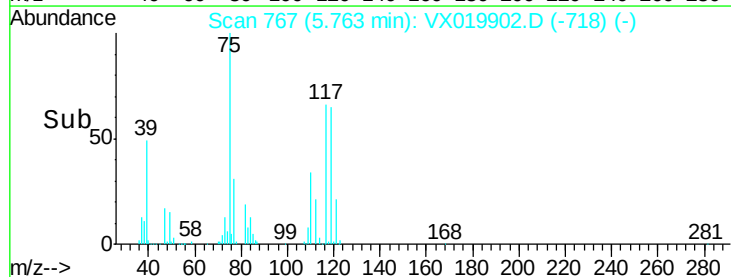
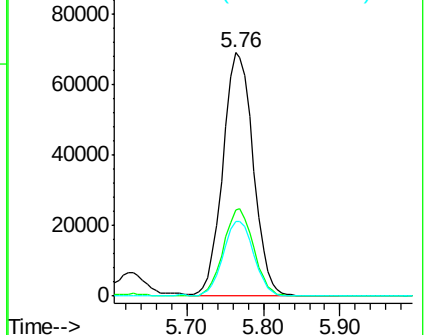
77 31.2 25.3 37.9

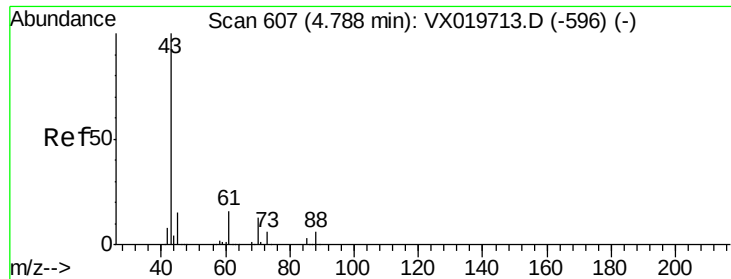


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.720 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

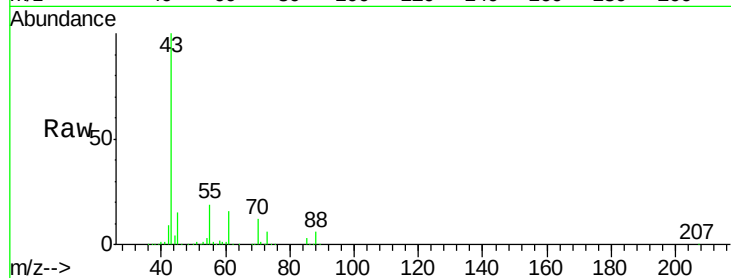
Tgt Ion: 43 Resp: 207050

Ion Ratio Lower Upper

43 100

61 15.8 12.8 19.2

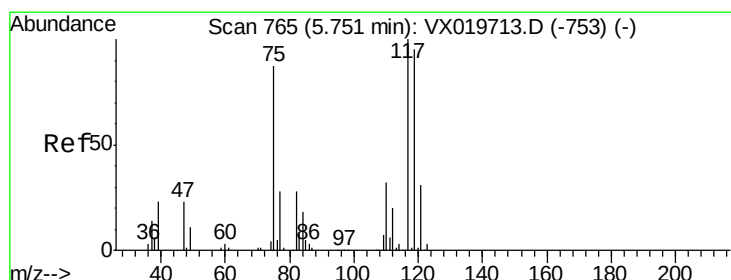
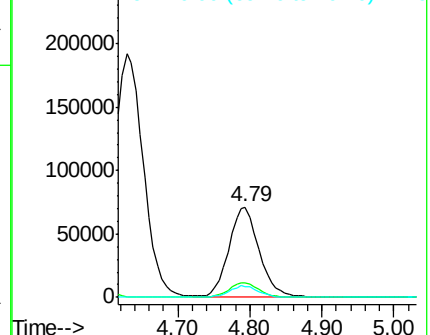
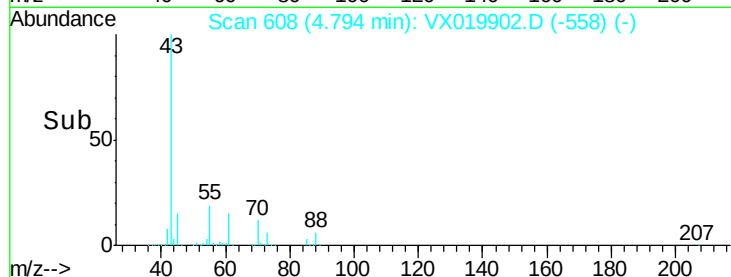
70 12.5 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.354 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

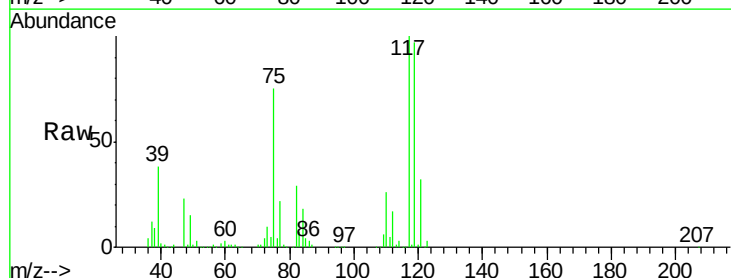
Tgt Ion: 117 Resp: 187993

Ion Ratio Lower Upper

117 100

119 96.6 76.2 114.2

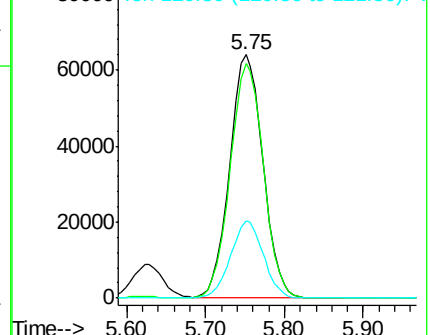
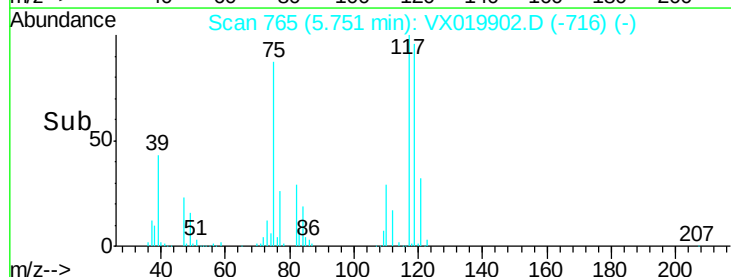
121 31.9 24.8 37.2

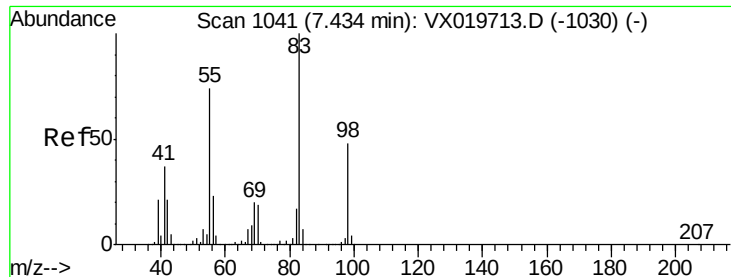


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

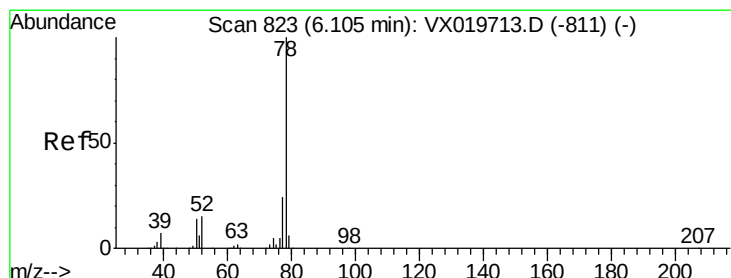
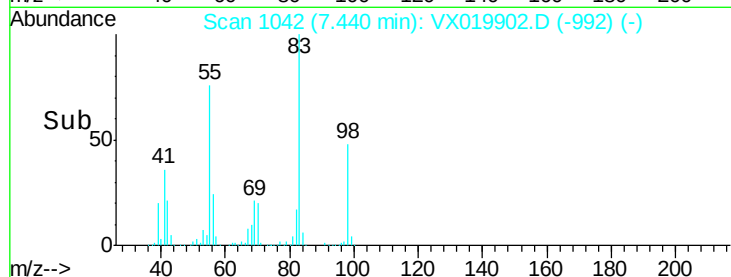
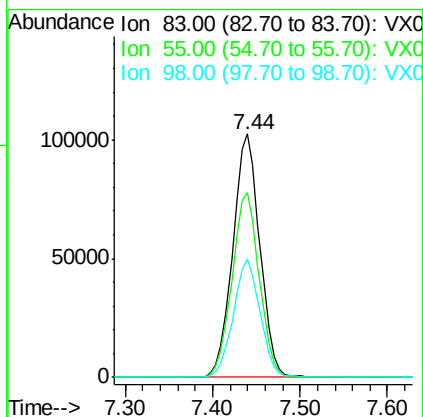
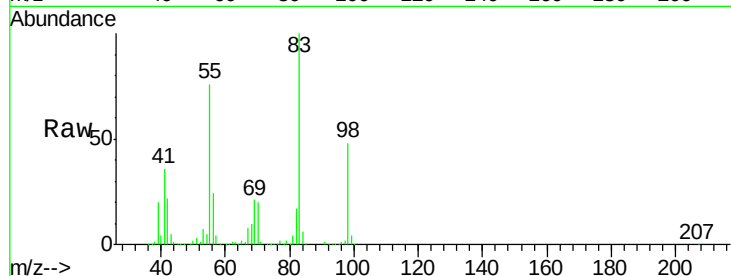




#39
Methylcyclohexane
Concen: 48.064 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

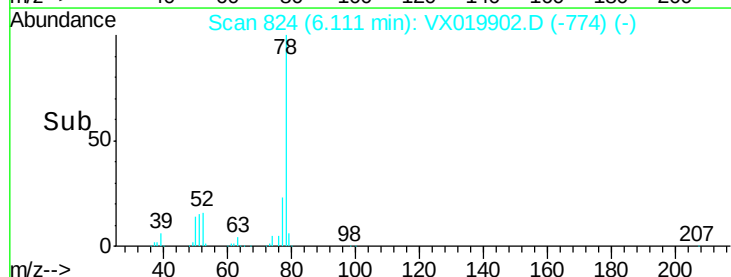
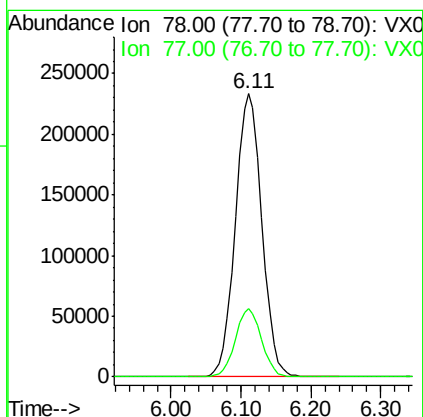
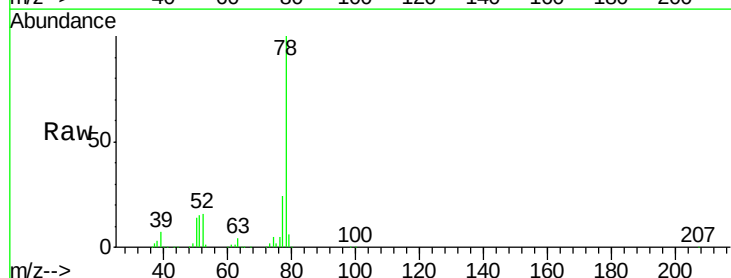
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

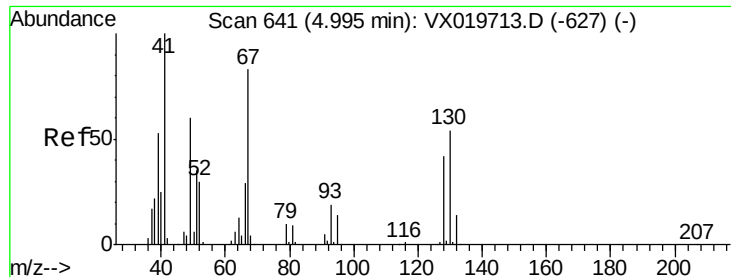
Tgt Ion: 83 Resp: 219651
Ion Ratio Lower Upper
83 100
55 75.7 58.9 88.3
98 48.5 38.1 57.1



#40
Benzene
Concen: 51.507 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 78 Resp: 612010
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

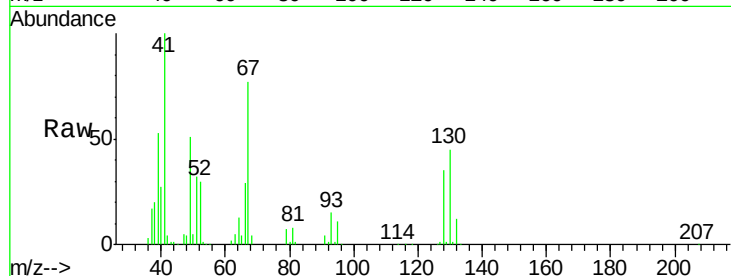




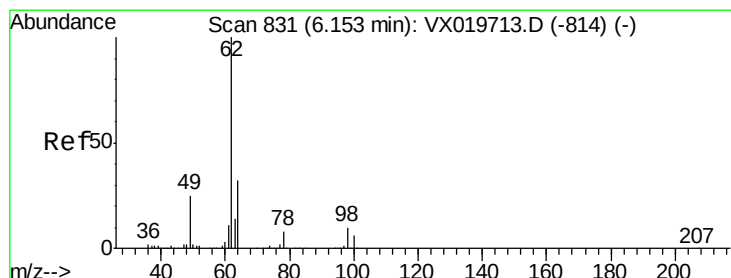
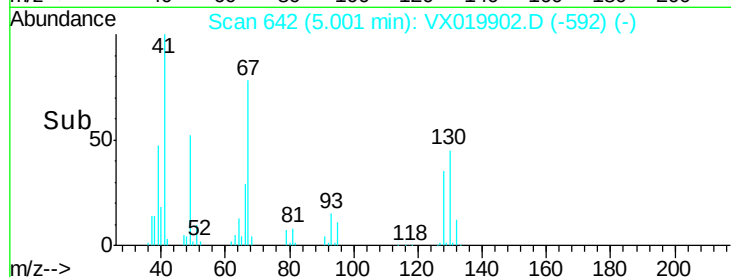
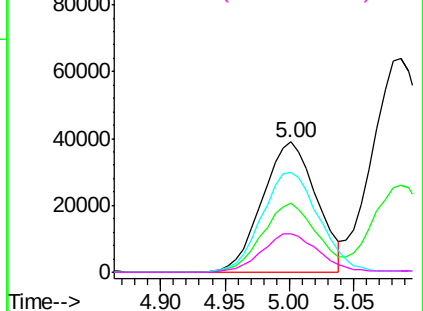
#41
Methacrylonitrile
Concen: 52.660 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 113551
Ion Ratio Lower Upper
41 100
39 53.9 42.5 63.7
67 82.1 65.0 97.6
52 31.9 25.3 37.9

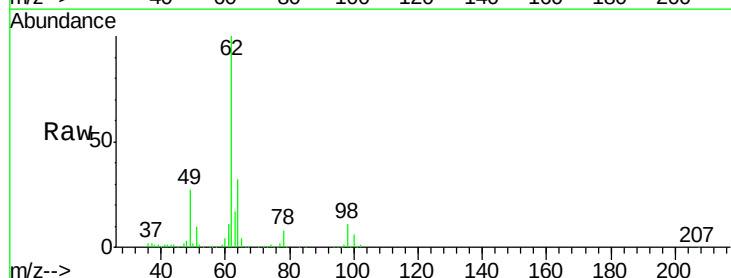


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

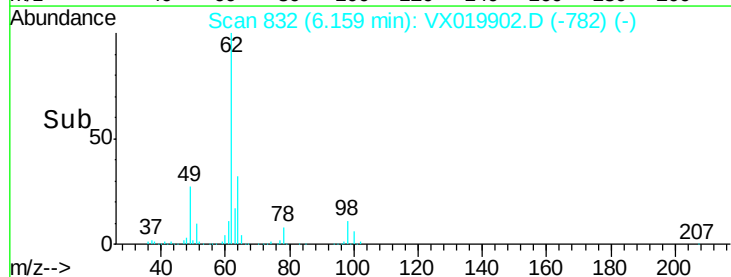
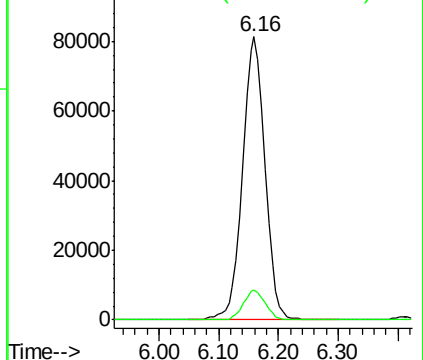


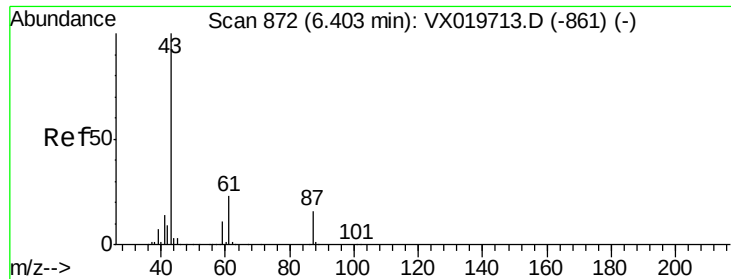
#42
1,2-Dichloroethane
Concen: 52.471 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 62 Resp: 213016
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 52.352 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

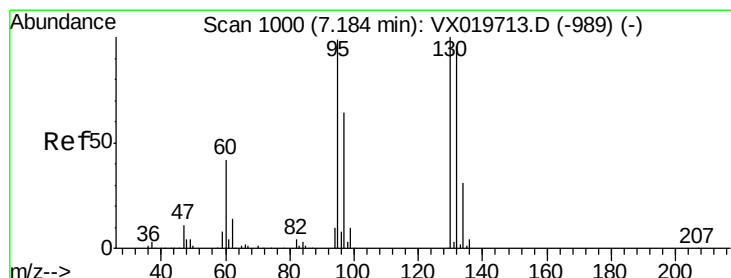
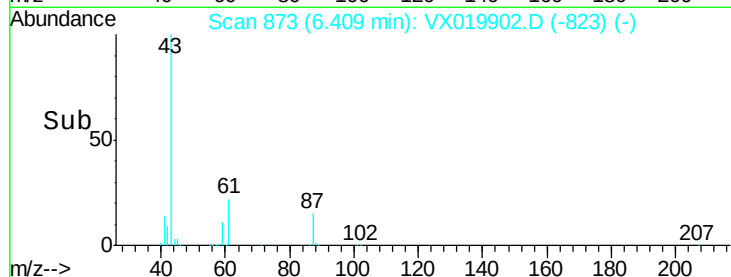
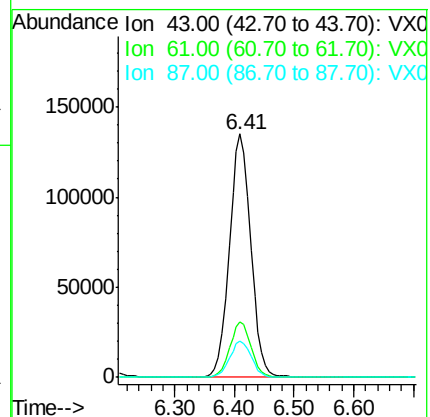
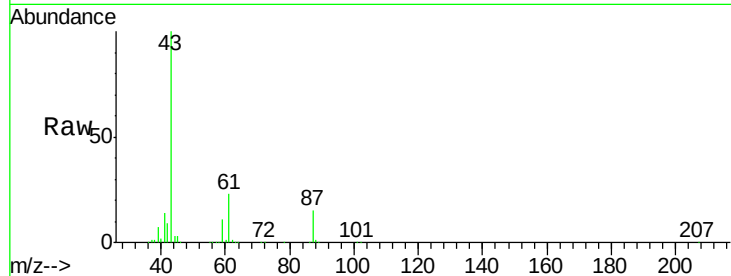
Tgt Ion: 43 Resp: 334275

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

87 15.2 12.5 18.7



#44

Trichloroethene

Concen: 48.961 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019902.D

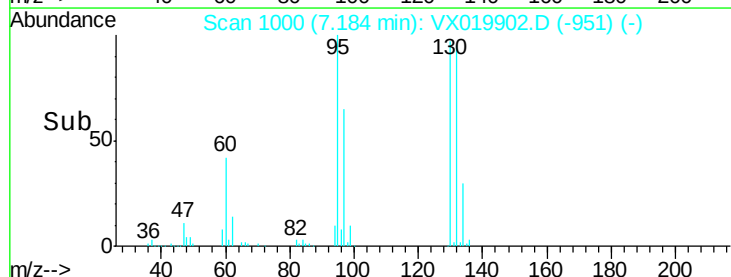
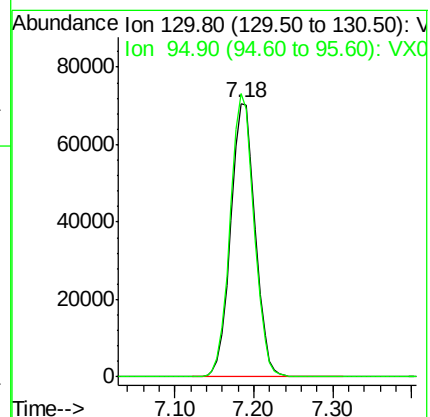
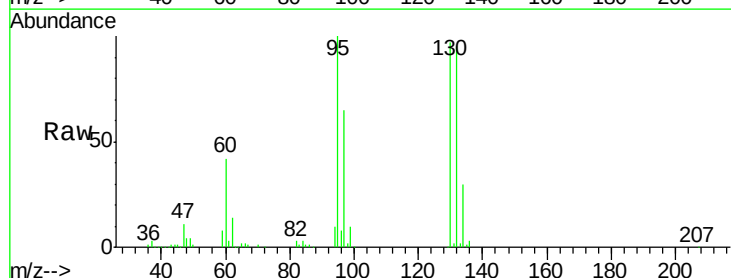
Acq: 12 Dec 2020 01:55

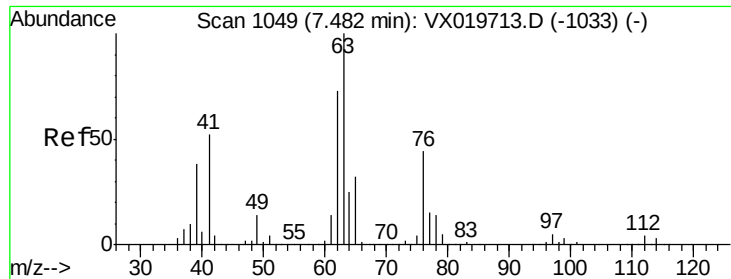
Tgt Ion: 130 Resp: 152640

Ion Ratio Lower Upper

130 100

95 103.4 0.0 198.0

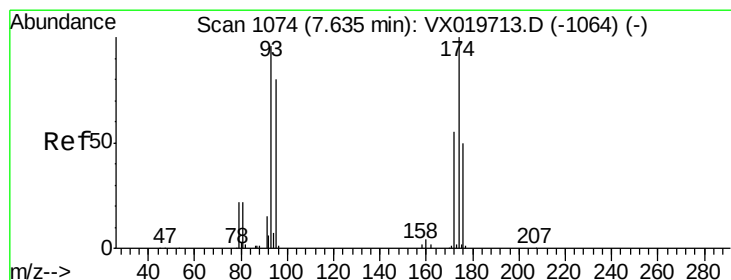
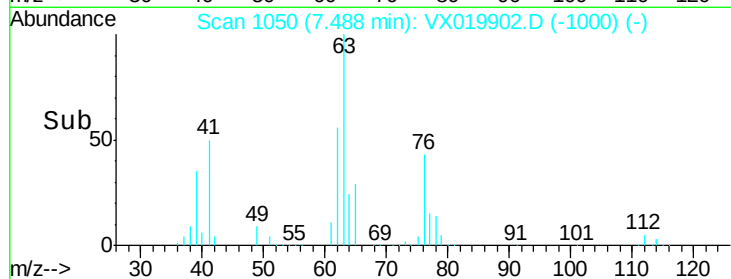
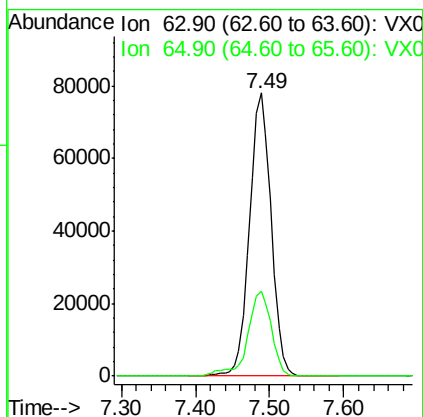
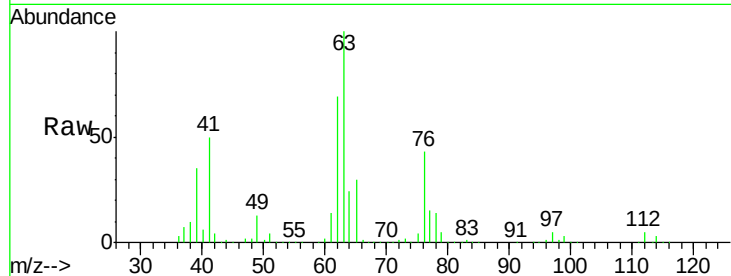




#45
 1,2-Dichloropropane
 Concen: 53.754 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

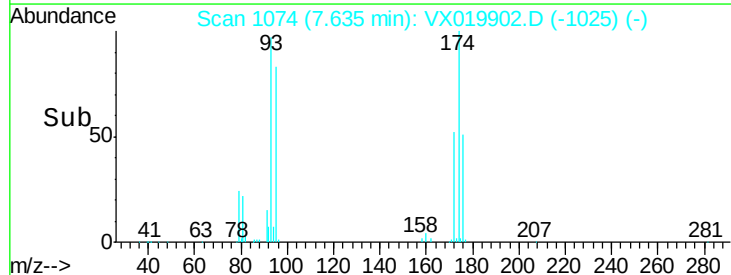
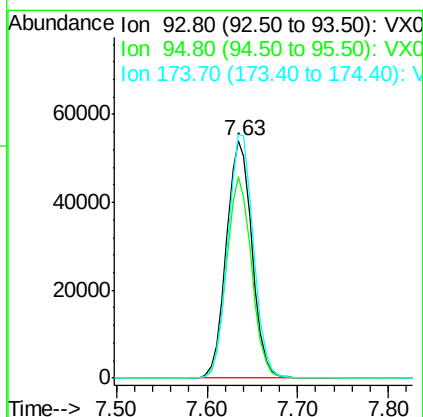
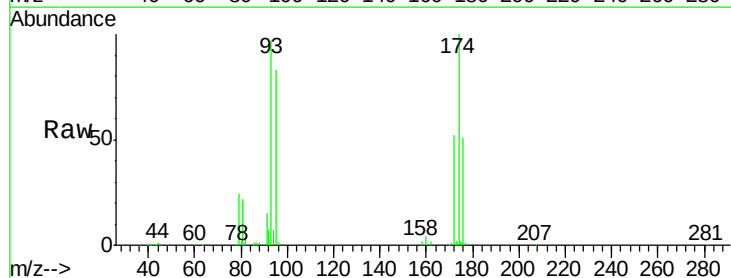
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

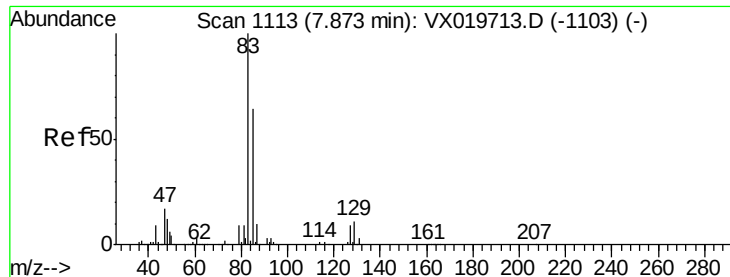
Tgt Ion: 63 Resp: 159633
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5



#46
 Dibromomethane
 Concen: 52.557 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion: 93 Resp: 105401
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 103.3 83.1 124.7





#47

Bromodichloromethane

Concen: 52.629 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

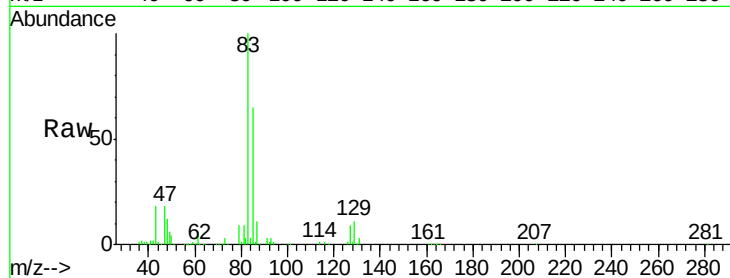
Tgt Ion: 83 Resp: 209436

Ion Ratio Lower Upper

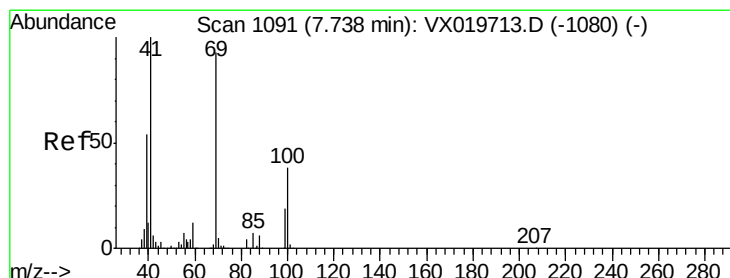
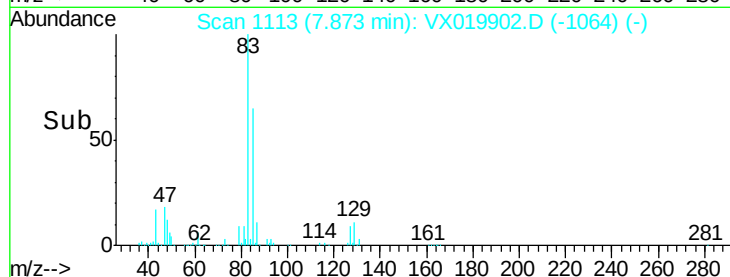
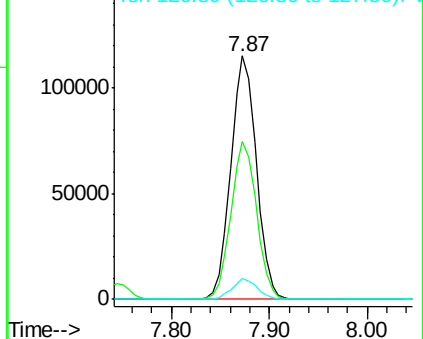
83 100

85 65.1 51.4 77.0

127 8.6 6.8 10.2



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: 53.350 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

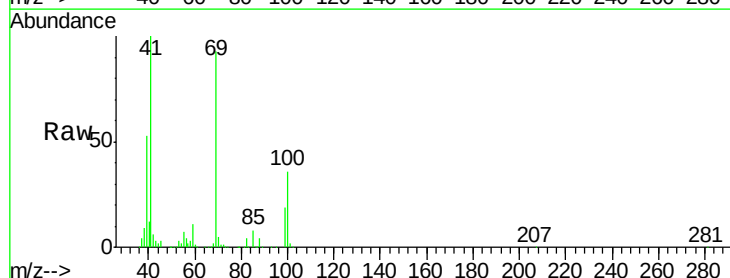
Tgt Ion: 41 Resp: 167534

Ion Ratio Lower Upper

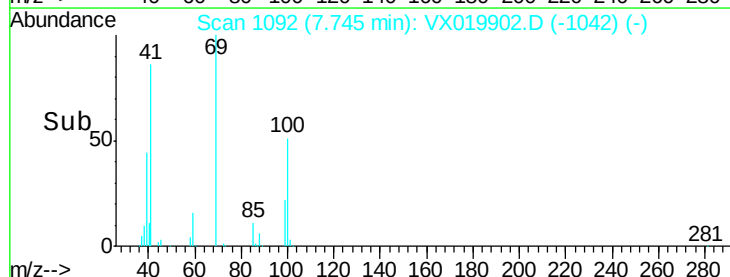
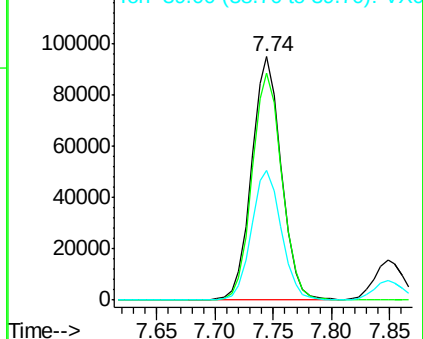
41 100

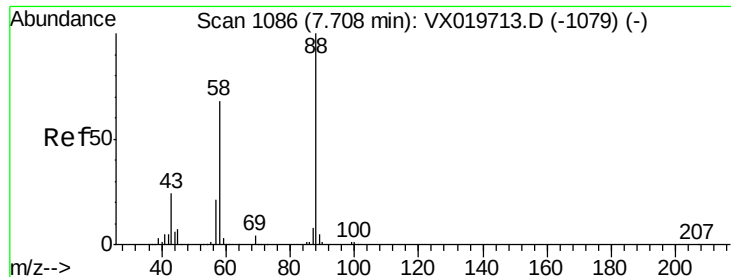
69 94.2 76.0 114.0

39 53.9 44.6 67.0



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

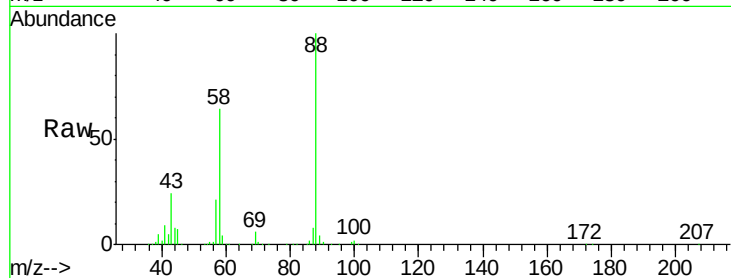




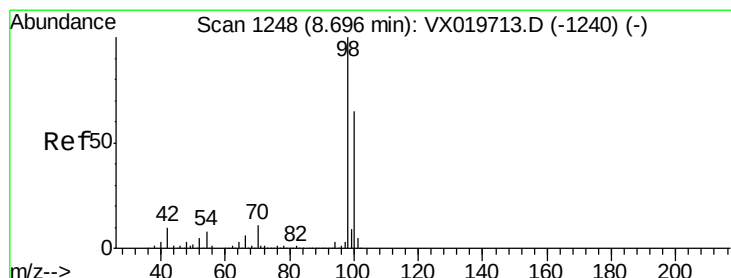
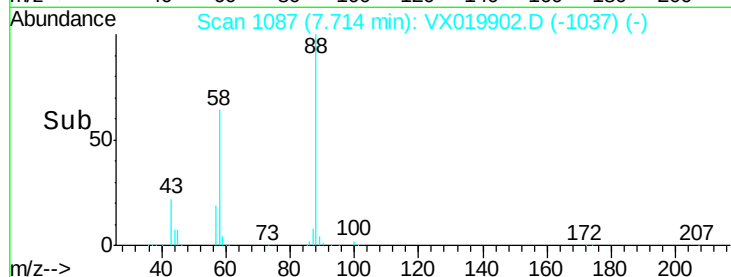
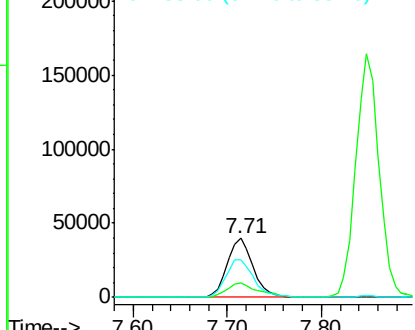
#49
1,4-Dioxane
Concen: 994.375 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 75644
Ion Ratio Lower Upper
88 100
43 28.4 23.2 34.8
58 69.1 55.0 82.4

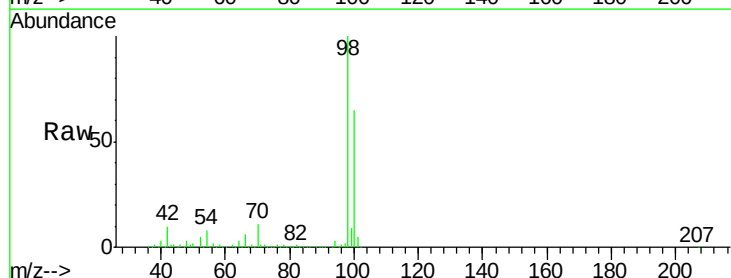


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

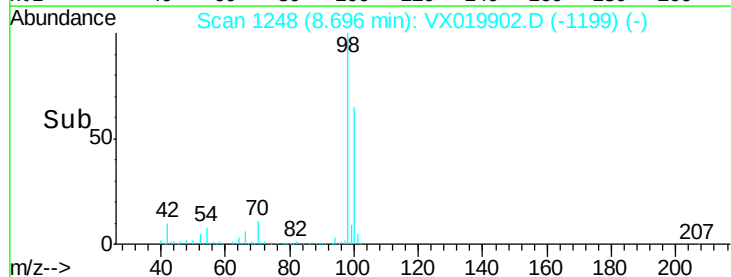
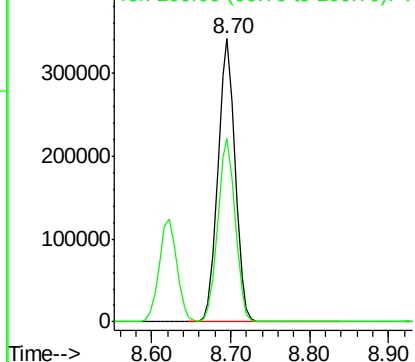


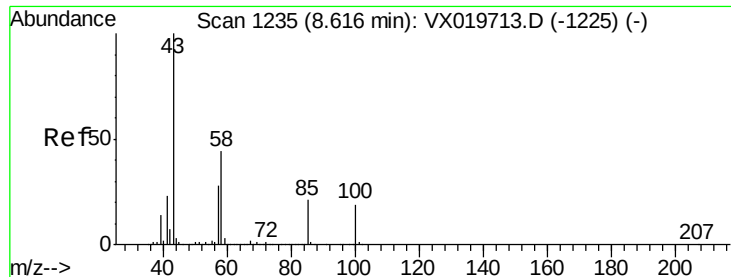
#50
Toluene-d8
Concen: 48.717 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 98 Resp: 517416
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



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

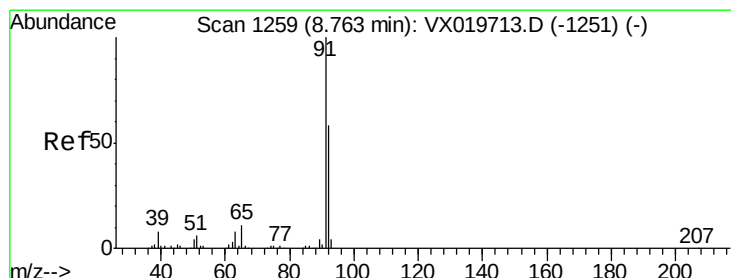
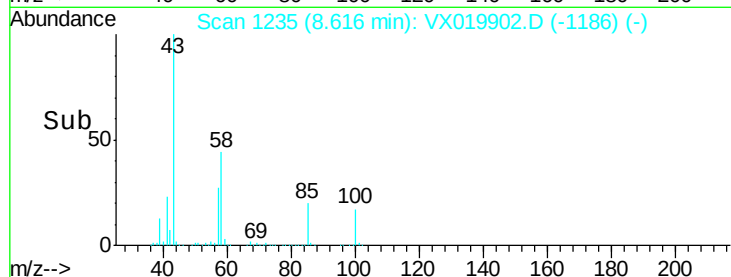
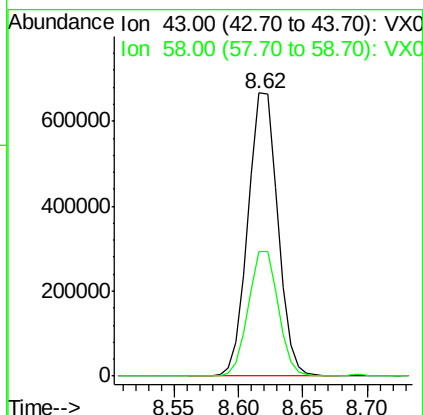
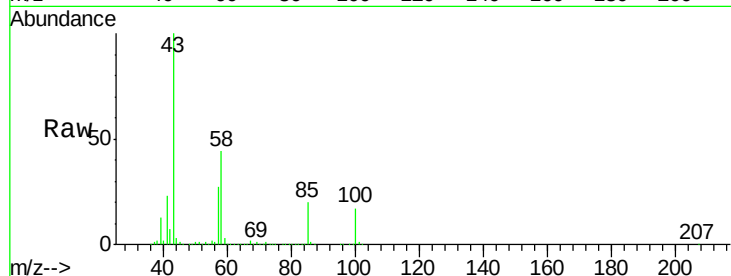




#51
 4-Methyl-2-Pentanone
 Concen: 272.653 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

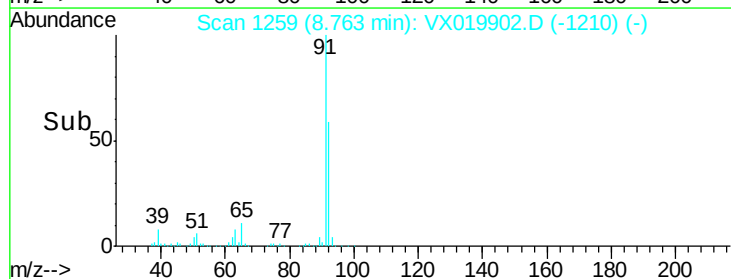
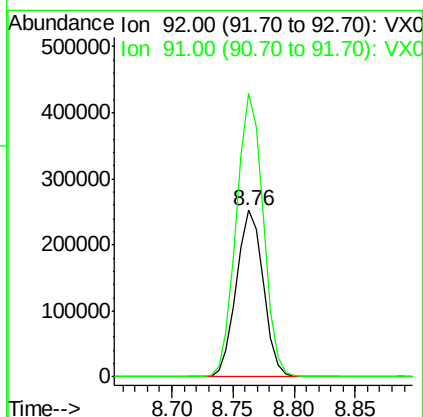
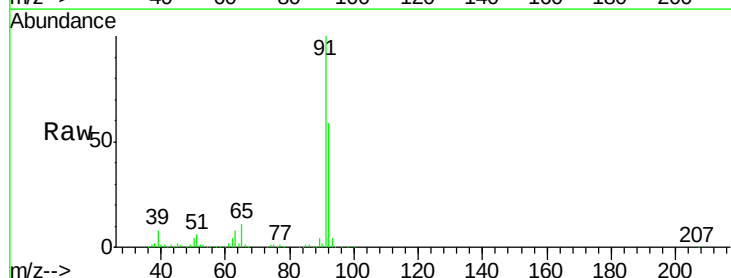
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

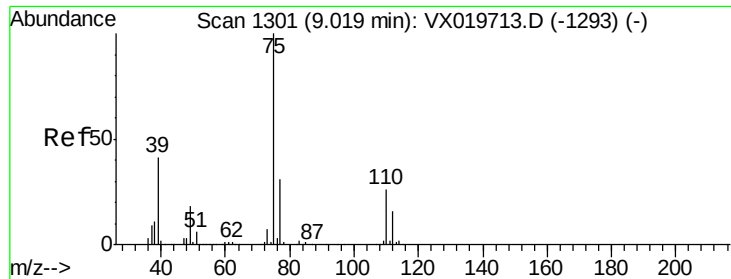
Tgt Ion: 43 Resp: 1062889
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.4 53.0



#52
 Toluene
 Concen: 51.668 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion: 92 Resp: 383974
 Ion Ratio Lower Upper
 92 100
 91 169.9 137.1 205.7

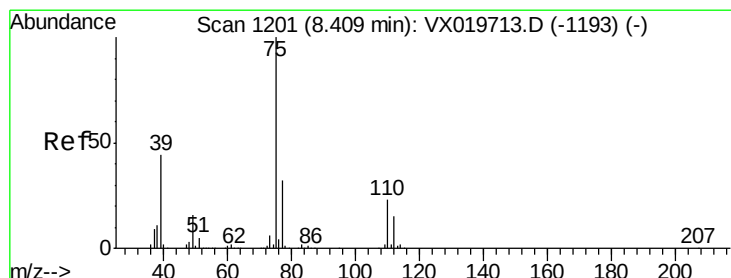
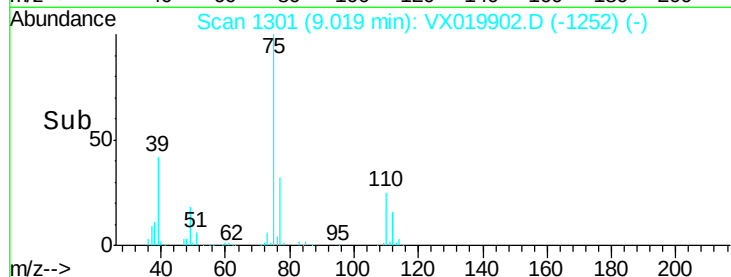
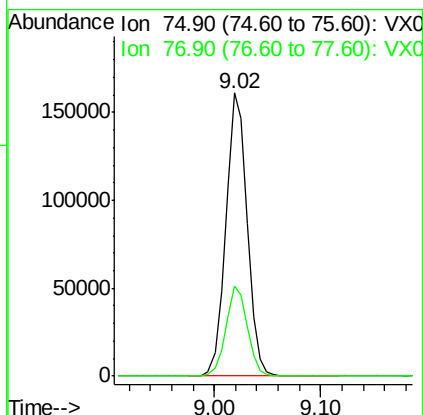
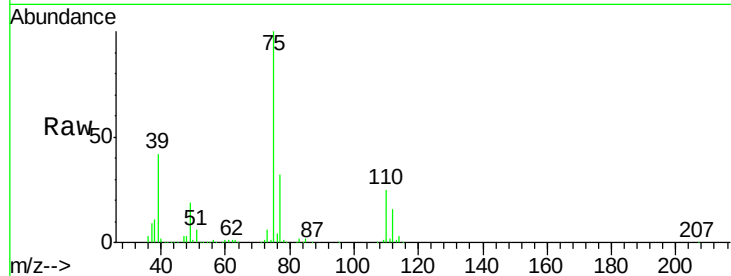




#53
 t-1,3-Dichloropropene
 Concen: 51.237 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

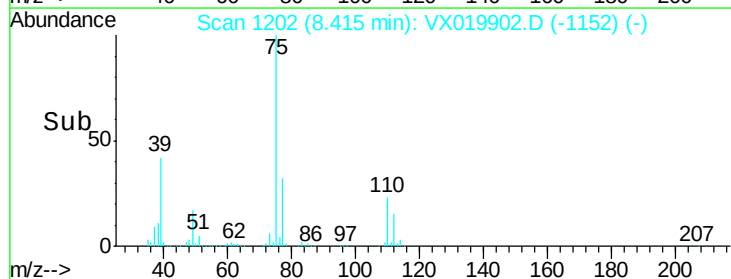
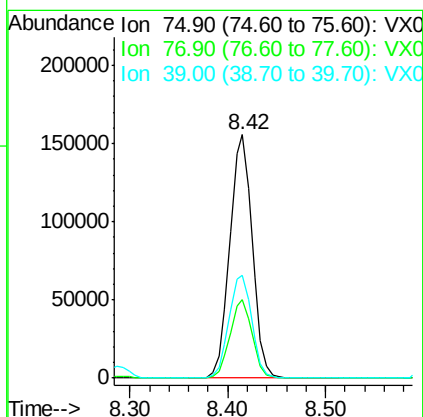
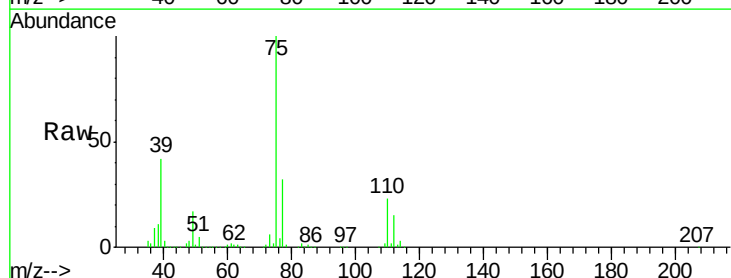
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

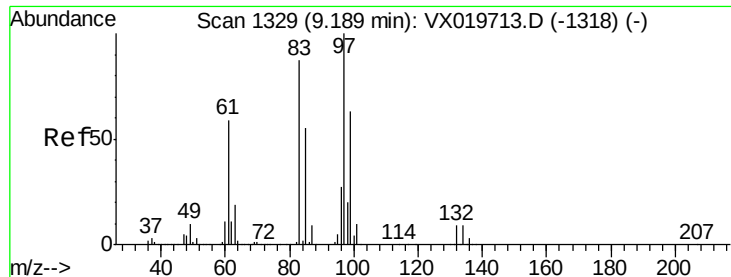
Tgt Ion: 75 Resp: 226261
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.614 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion: 75 Resp: 247622
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 42.0 35.1 52.7

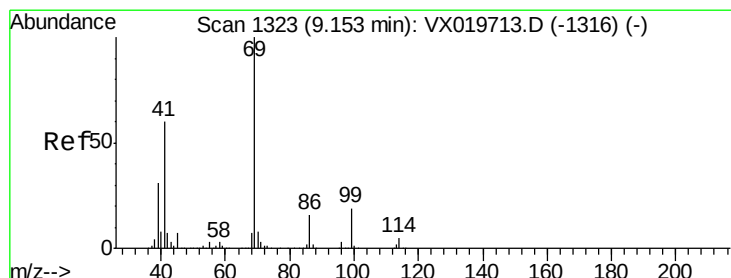
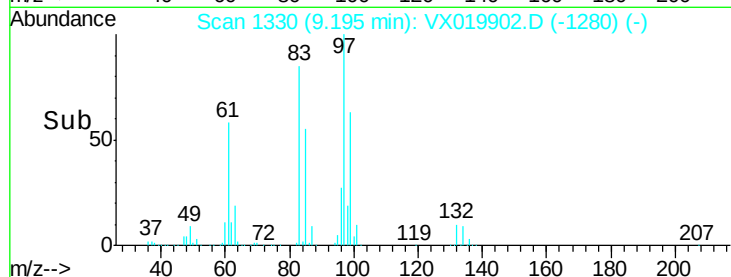
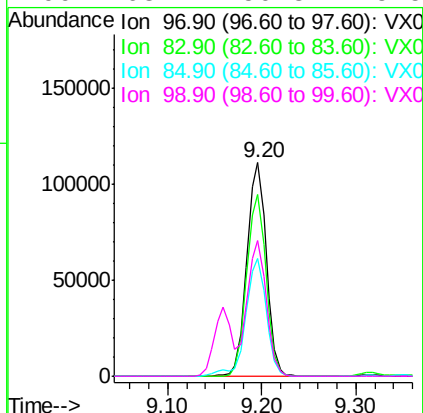
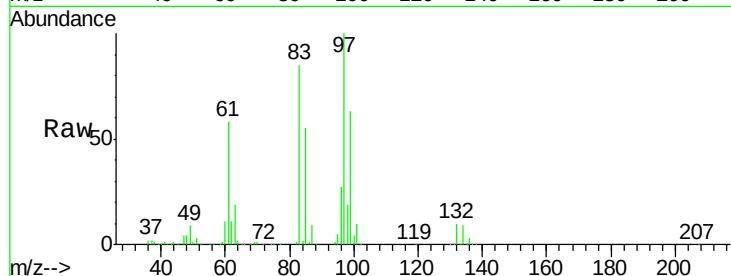




#55
 1,1,2-Trichloroethane
 Concen: 53.962 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

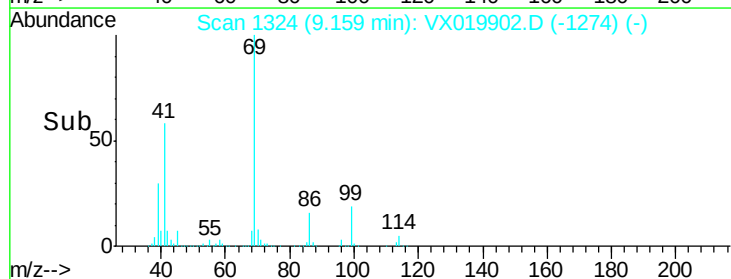
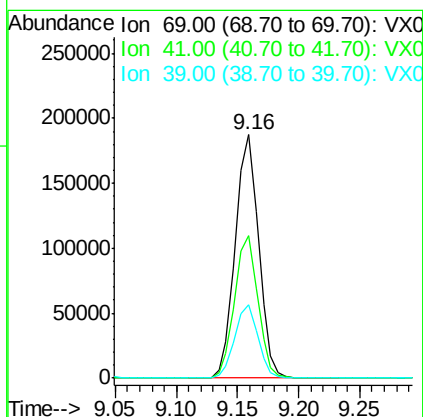
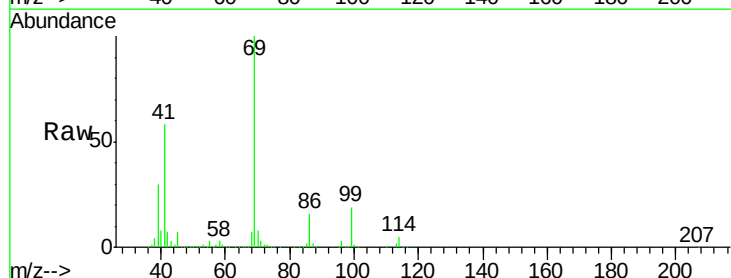
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

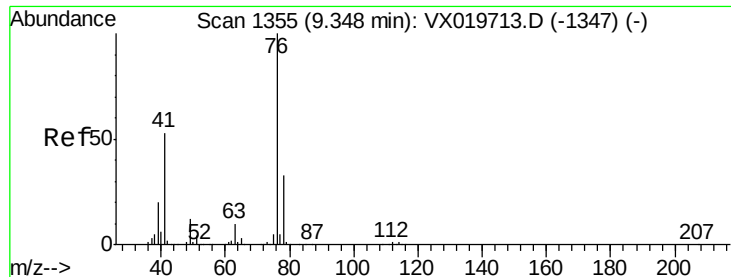
Tgt Ion:	97	Resp:	161605
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.3	103.9
85	55.0	44.3	66.5
99	63.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 54.526 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion:	69	Resp:	247058
Ion	Ratio	Lower	Upper
69	100		
41	58.9	46.8	70.2
39	30.0	24.7	37.1

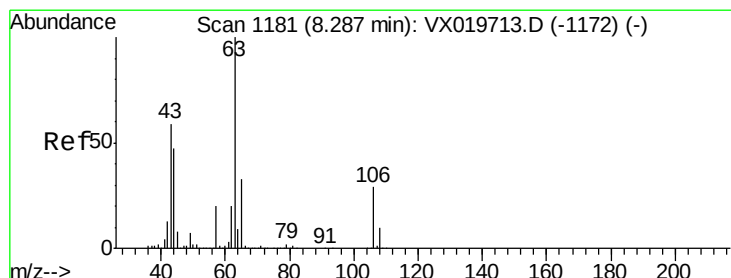
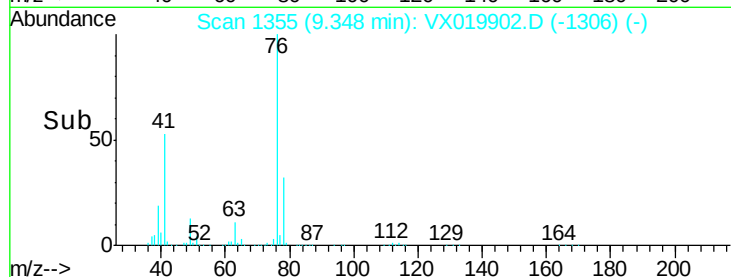
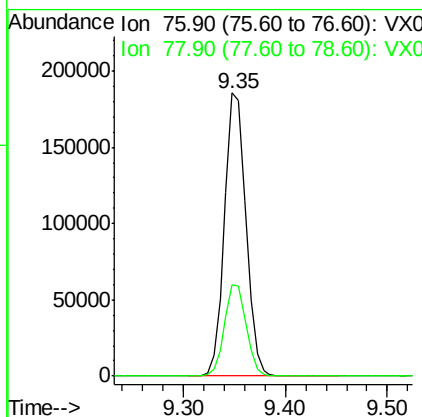
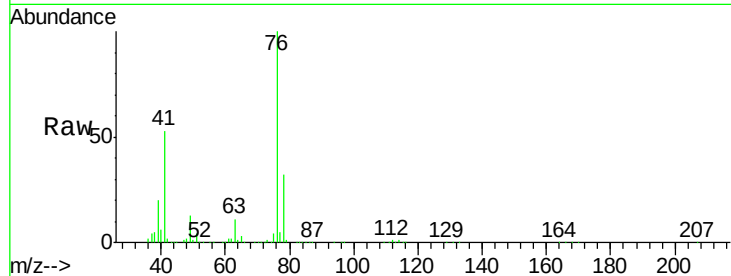




#57
 1,3-Dichloropropane
 Concen: 52.937 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

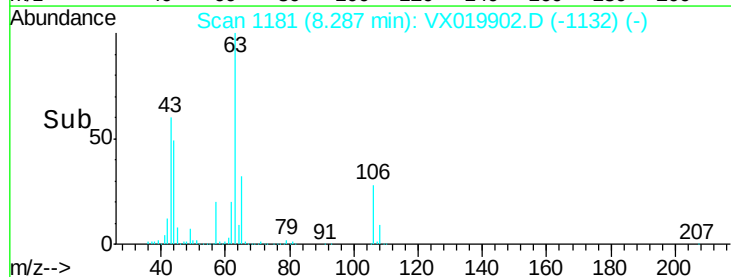
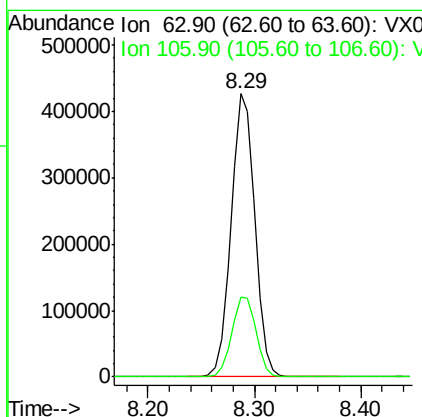
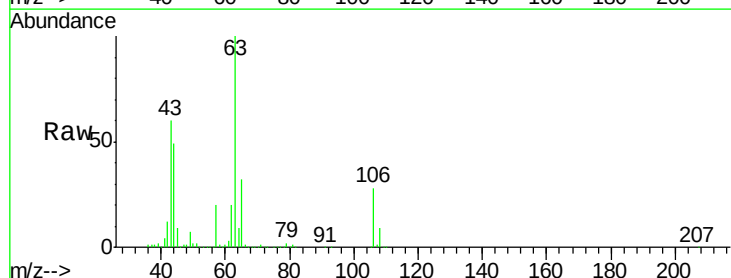
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

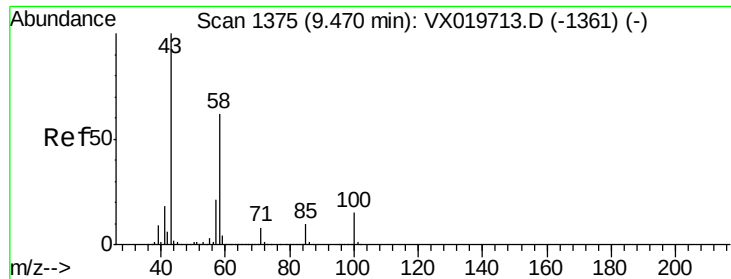
Tgt Ion: 76 Resp: 270705
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.053 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion: 63 Resp: 667430
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.5 35.3

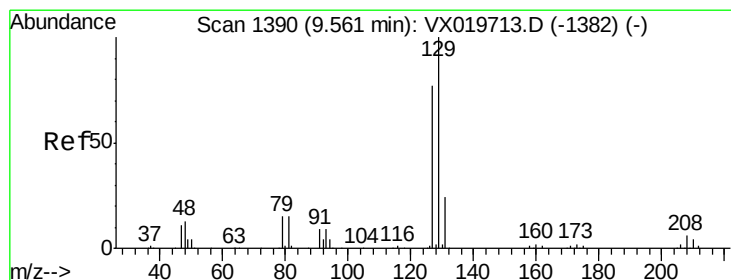
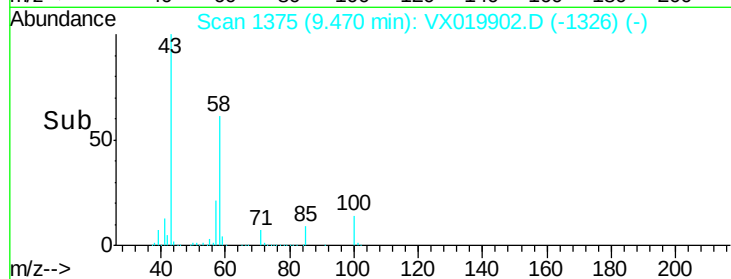
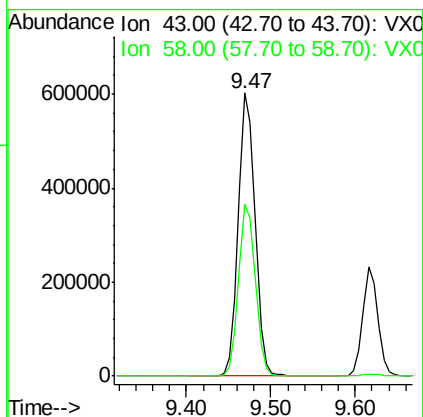
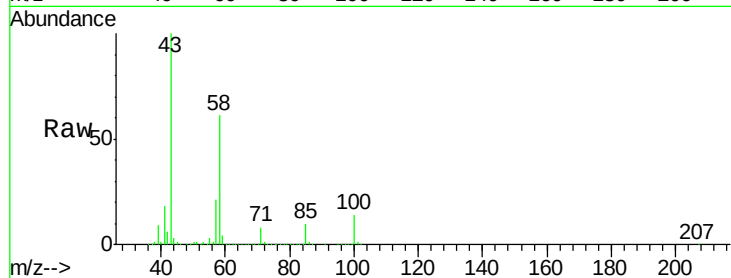




#59
2-Hexanone
Concen: 266.127 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

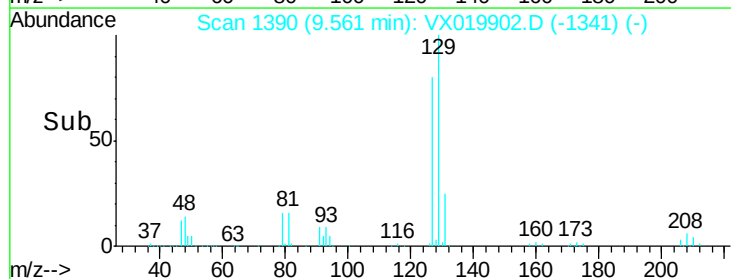
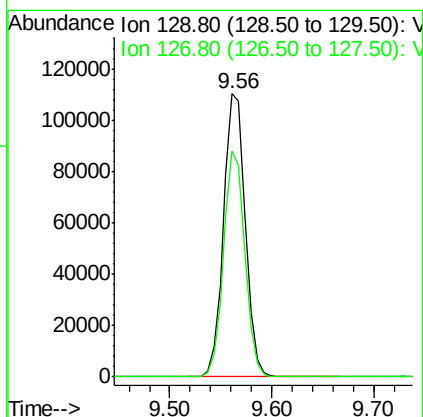
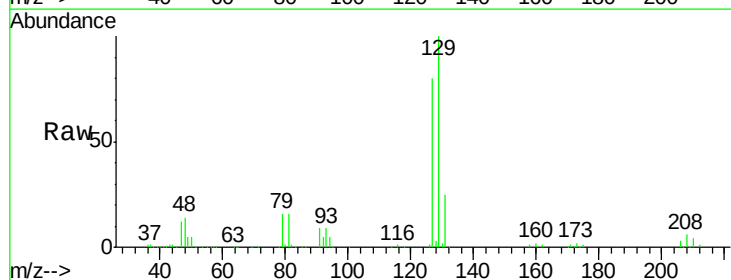
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

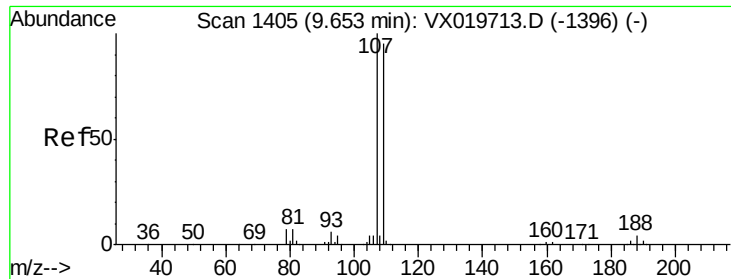
Tgt Ion: 43 Resp: 804160
Ion Ratio Lower Upper
43 100
58 61.1 30.9 92.8



#60
Dibromochloromethane
Concen: 53.693 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 129 Resp: 163371
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.126 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

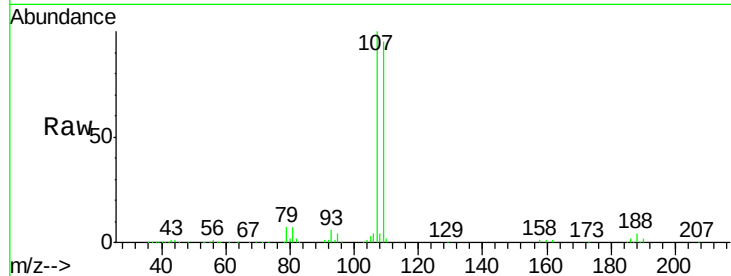
VSTDCCC050EC

Tgt Ion: 107 Resp: 165768

Ion Ratio Lower Upper

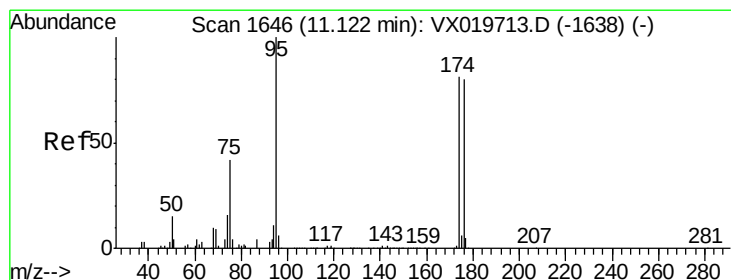
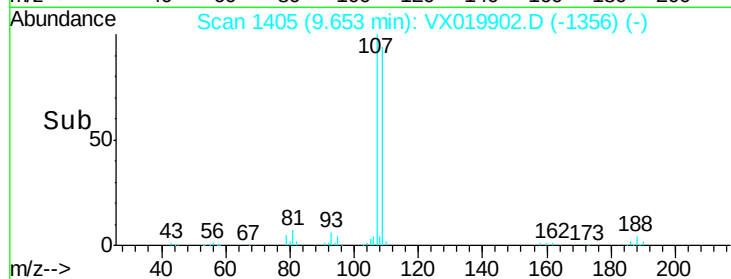
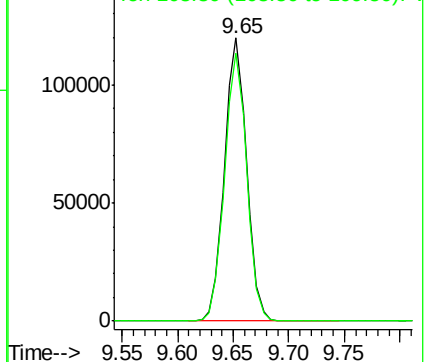
107 100

109 94.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.015 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

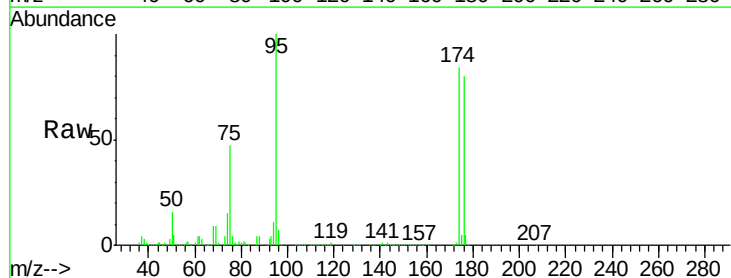
Tgt Ion: 95 Resp: 198142

Ion Ratio Lower Upper

95 100

174 78.1 0.0 154.6

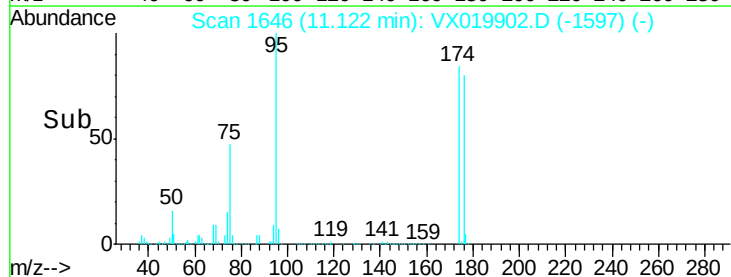
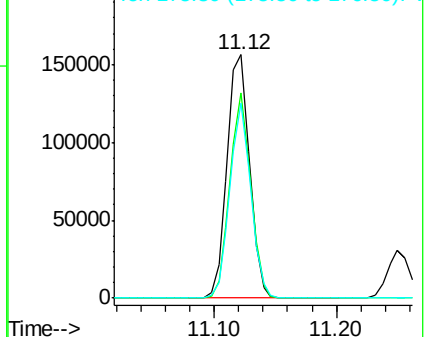
176 74.4 0.0 155.8

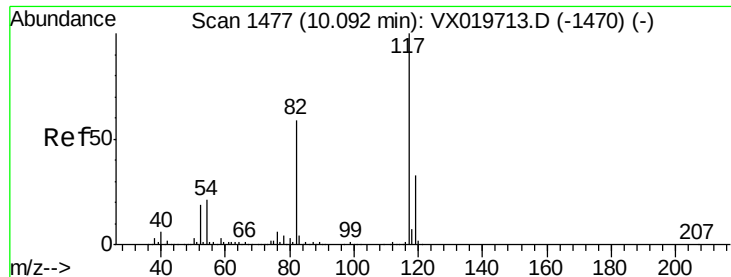


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

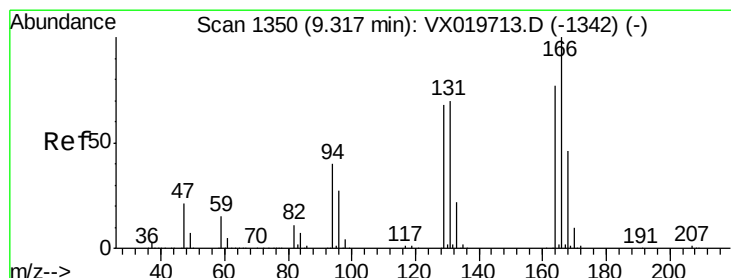
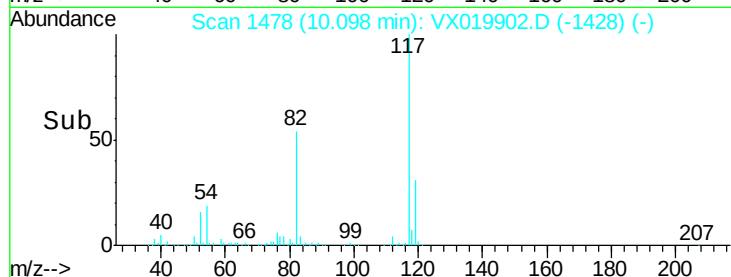
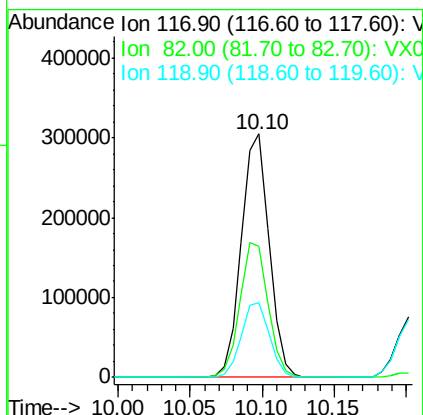
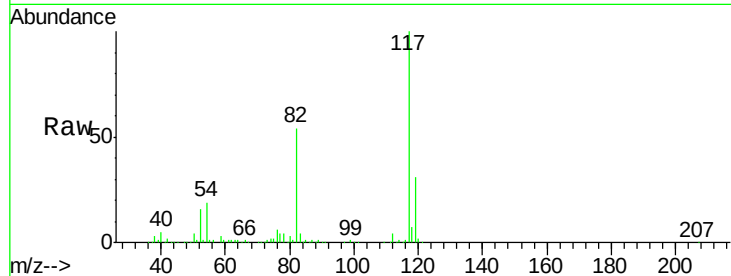




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

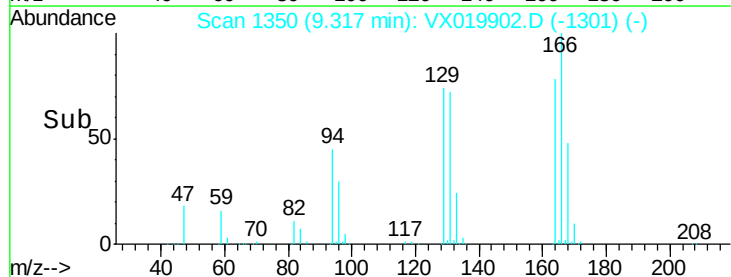
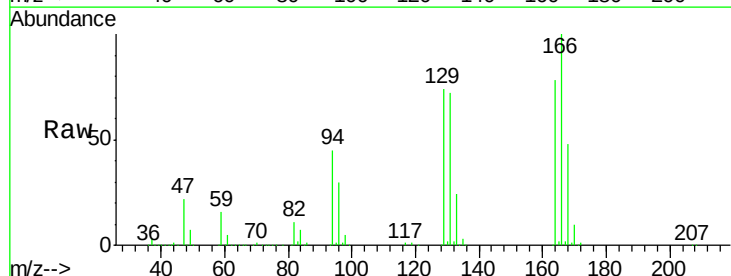
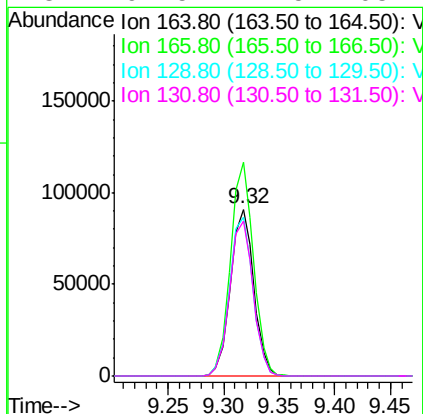
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

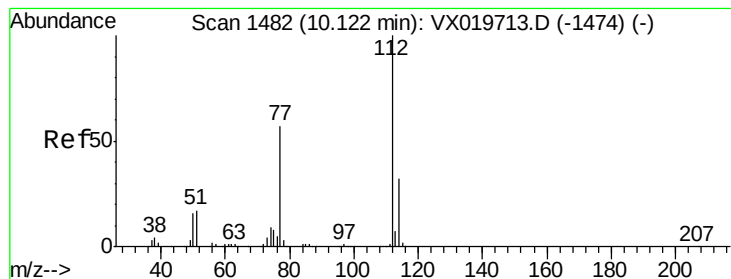
Tgt Ion:117 Resp: 407621
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 30.9 26.6 39.8



#64
Tetrachloroethene
Concen: 48.016 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion:164 Resp: 131255
Ion Ratio Lower Upper
164 100
166 127.9 103.4 155.2
129 95.3 70.8 106.2
131 92.5 72.5 108.7





#65

Chlorobenzene

Concen: 49.320 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

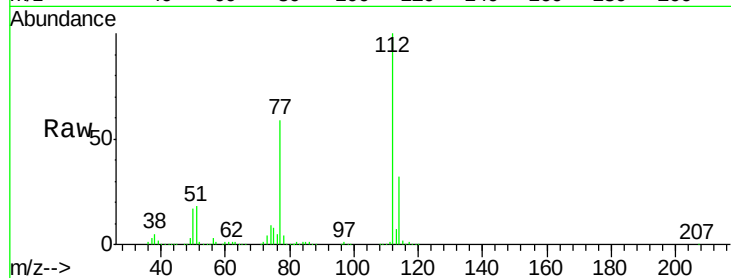
VSTDCCC050EC

Tgt Ion:112 Resp: 400526

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

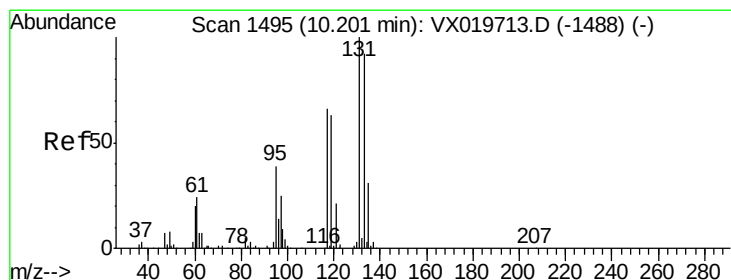
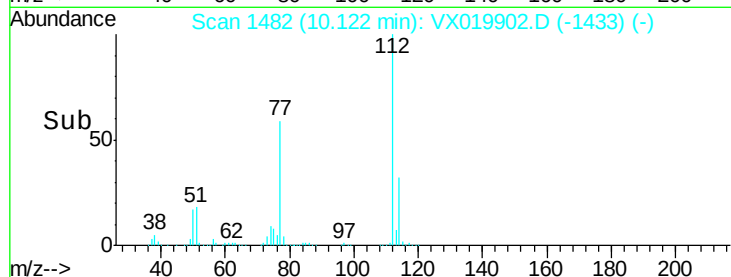
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.402 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

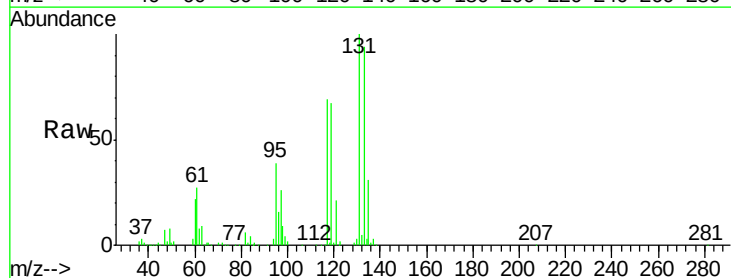
Tgt Ion:131 Resp: 150246

Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

119 65.9 32.1 96.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

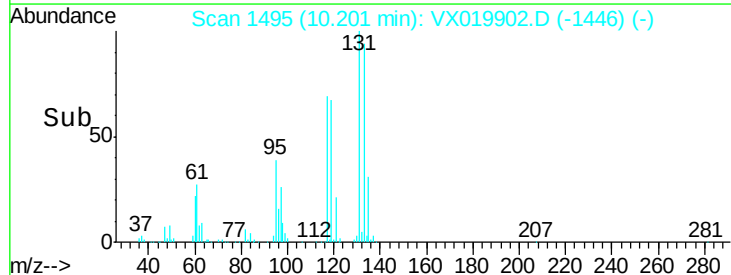
150000

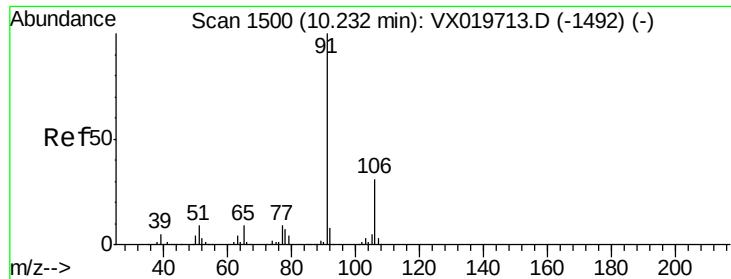
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 50.356 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

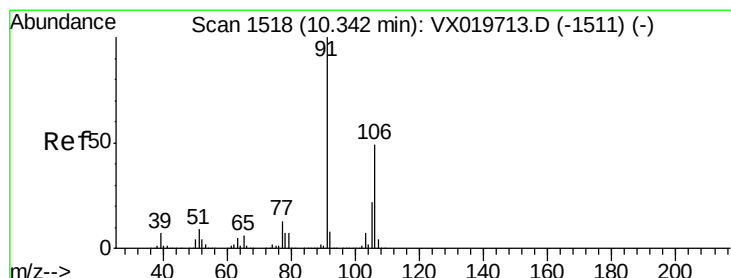
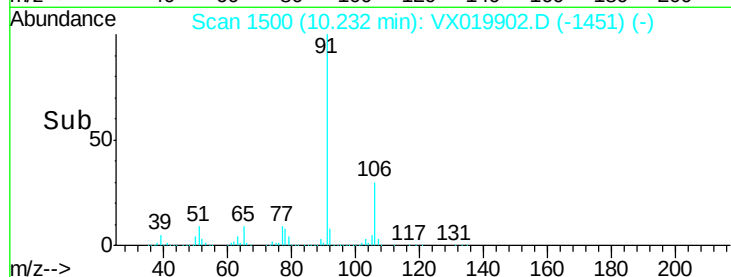
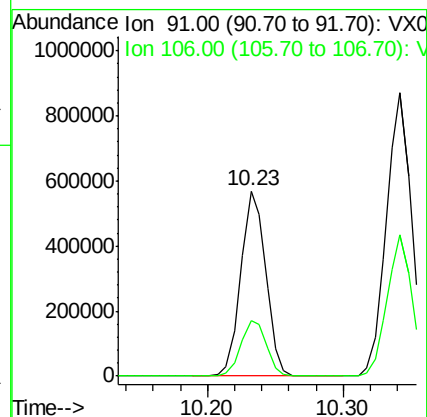
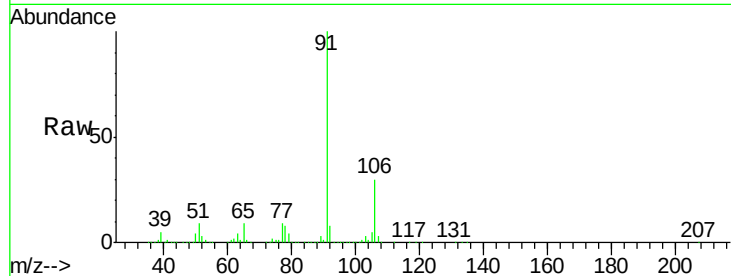
VSTDCCC050EC

Tgt Ion: 91 Resp: 725881

Ion Ratio Lower Upper

91 100

106 30.2 24.6 37.0



#68

m/p-Xylenes

Concen: 101.427 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019902.D

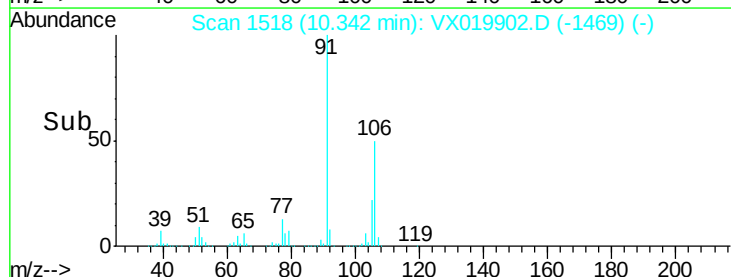
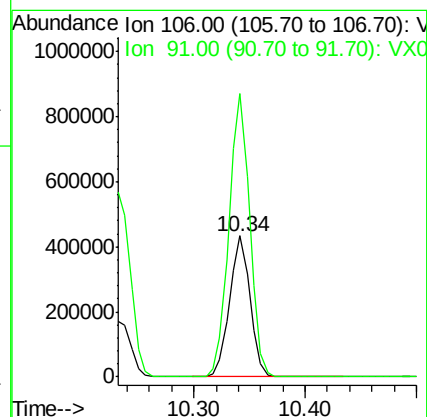
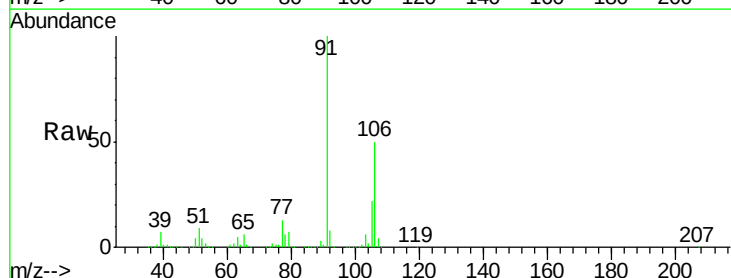
Acq: 12 Dec 2020 01:55

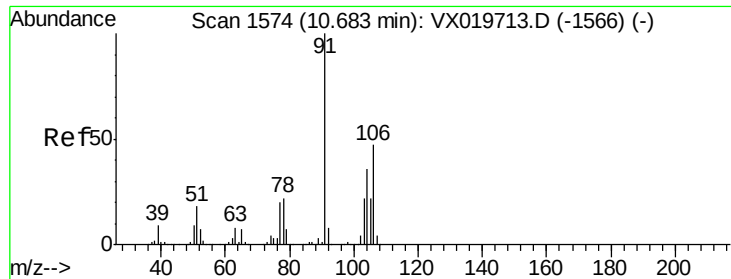
Tgt Ion: 106 Resp: 550931

Ion Ratio Lower Upper

106 100

91 203.9 162.8 244.2

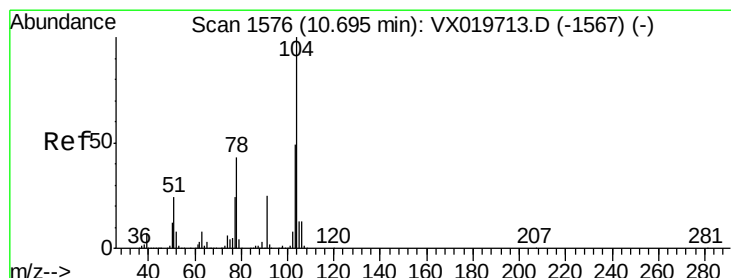
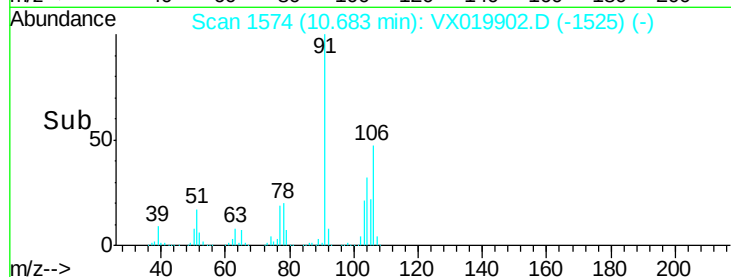
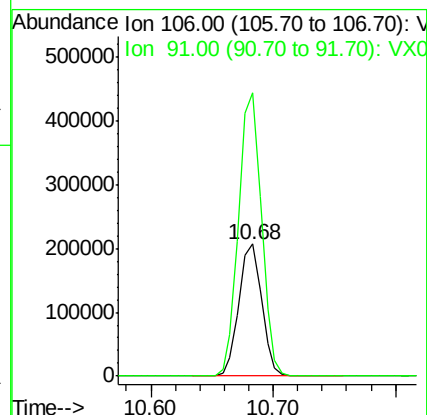
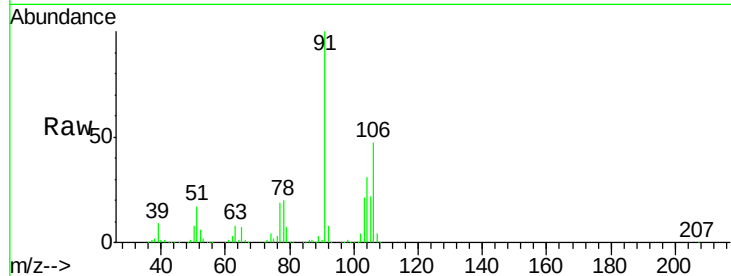




#69
o-Xylene
Concen: 50.923 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

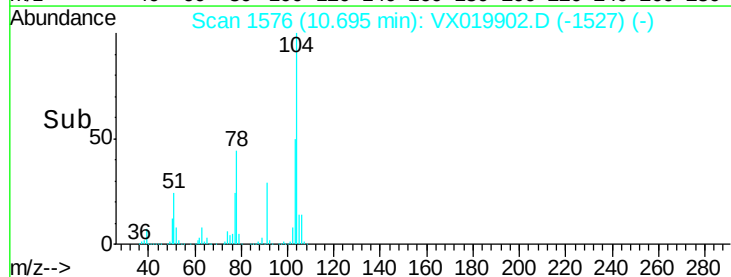
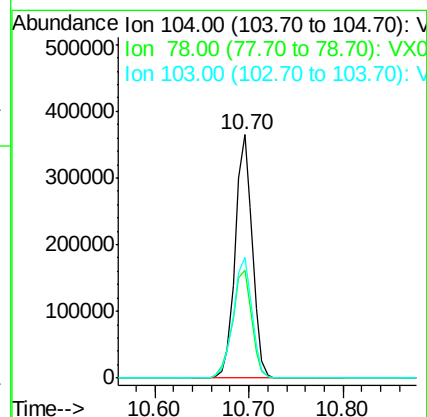
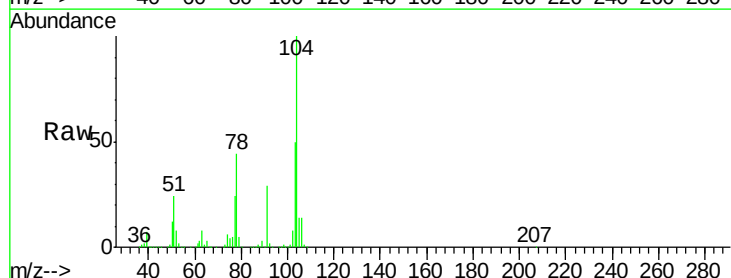
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

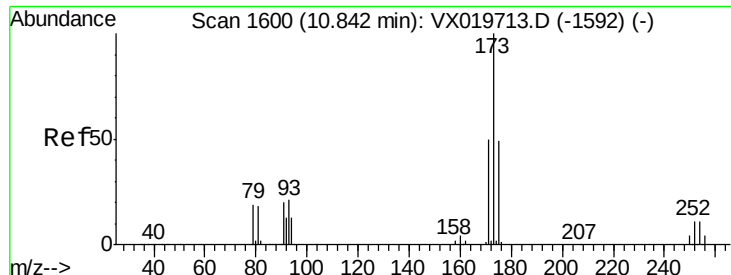
Tgt Ion:106 Resp: 266075
Ion Ratio Lower Upper
106 100
91 215.1 108.1 324.2



#70
Styrene
Concen: 52.077 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion:104 Resp: 459288
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 51.635 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

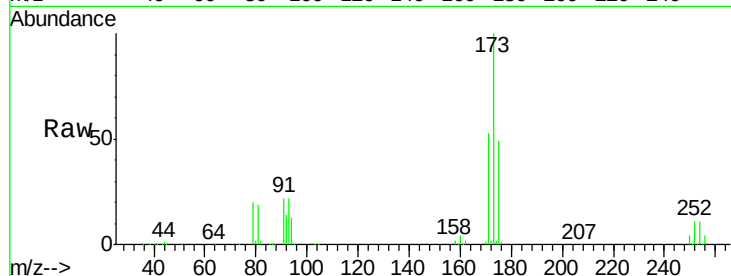
Tgt Ion:173 Resp: 118731

Ion Ratio Lower Upper

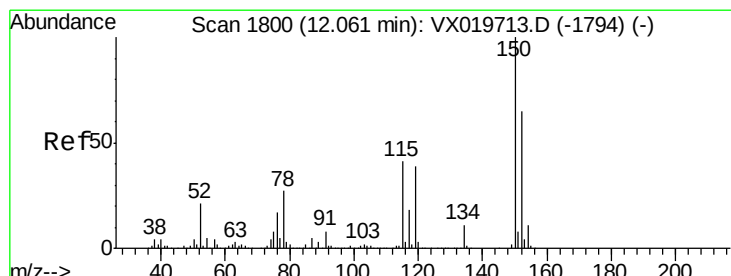
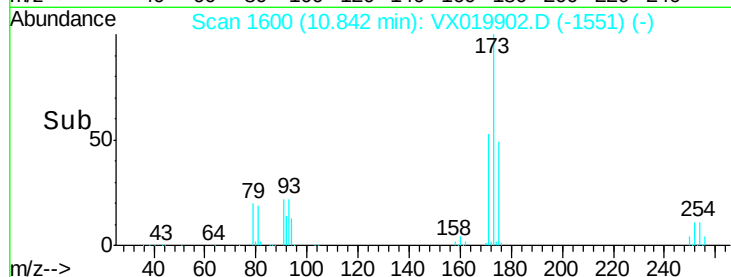
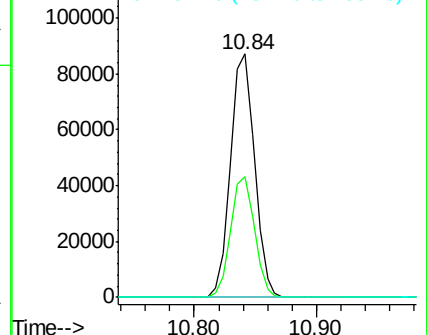
173 100

175 49.1 23.9 71.8

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: VX019902.D

Acq: 12 Dec 2020 01:55

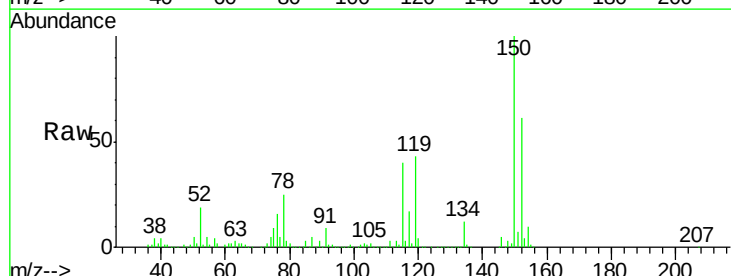
Tgt Ion:152 Resp: 200950

Ion Ratio Lower Upper

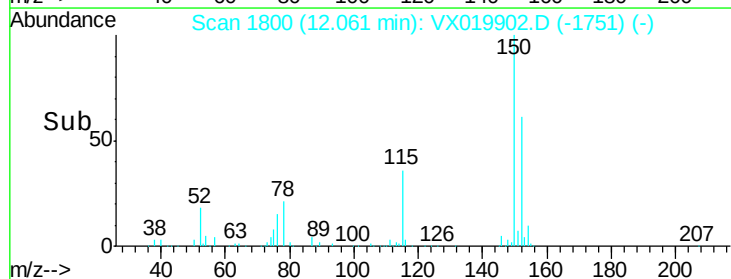
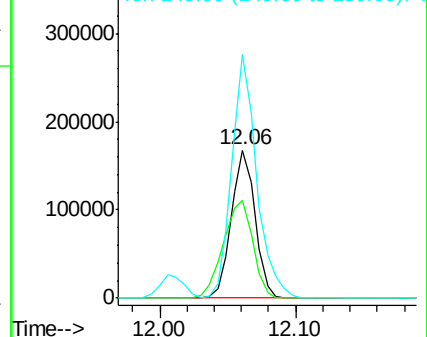
152 100

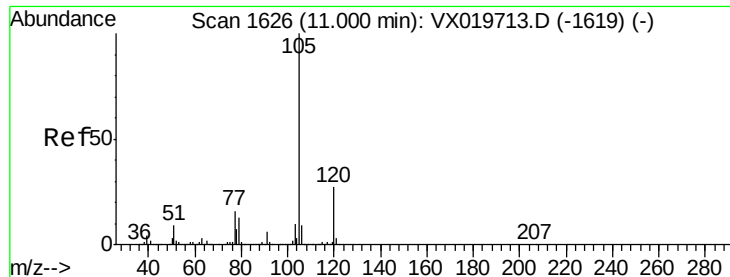
115 82.6 41.1 123.3

150 175.3 0.0 349.0



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





#73

Isopropylbenzene

Concen: 51.688 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

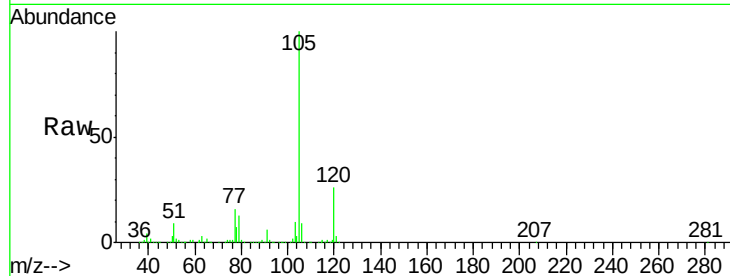
VSTDCCC050EC

Tgt Ion: 105 Resp: 709619

Ion Ratio Lower Upper

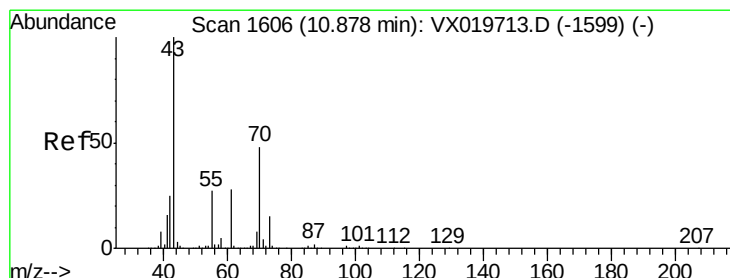
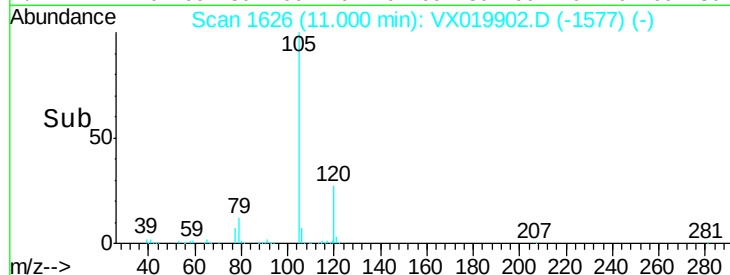
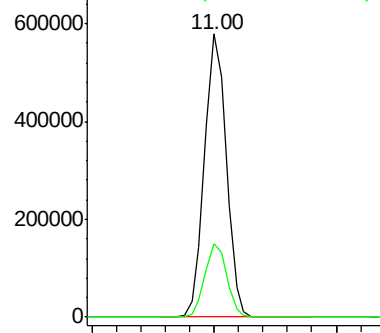
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.390 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Tgt Ion: 43 Resp: 293737

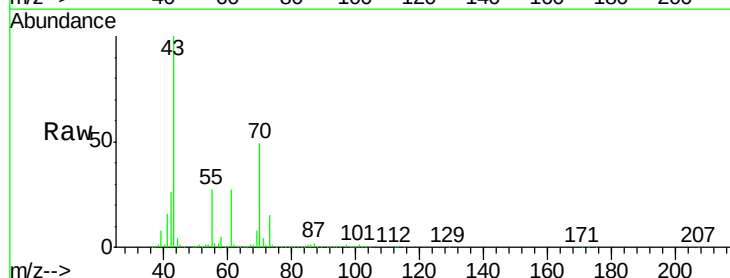
Ion Ratio Lower Upper

43 100

70 49.5 39.0 58.6

55 27.7 21.5 32.3

61 27.8 22.1 33.1

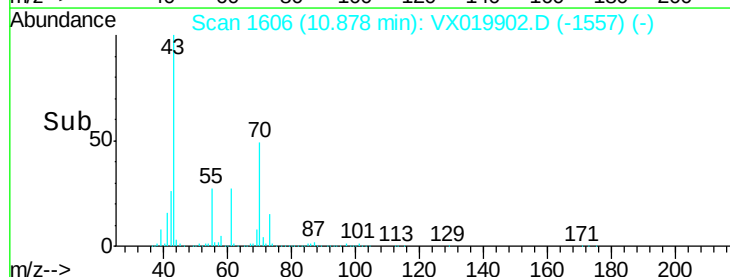
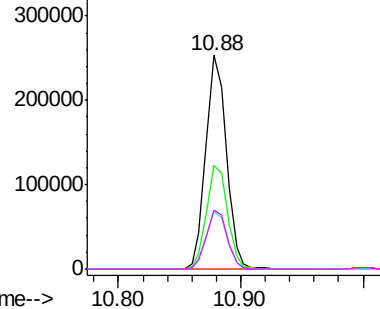


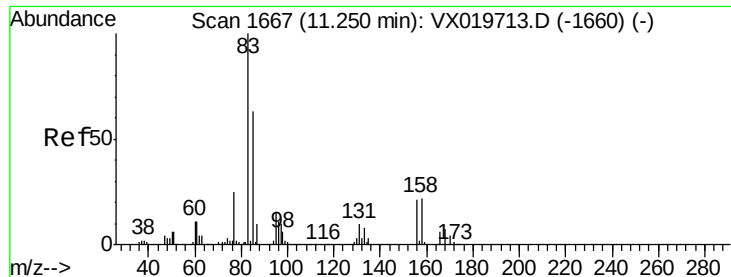
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.287 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

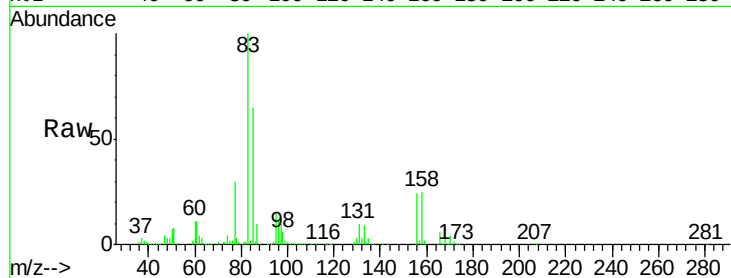
Tgt Ion: 83 Resp: 257921

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

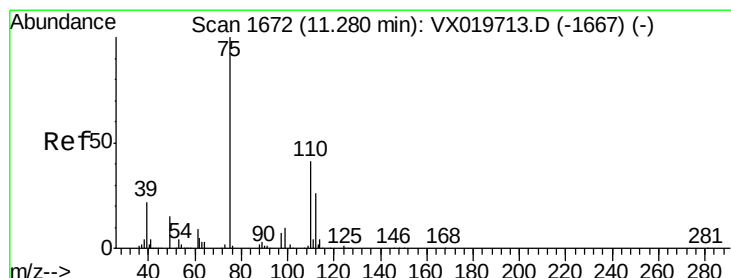
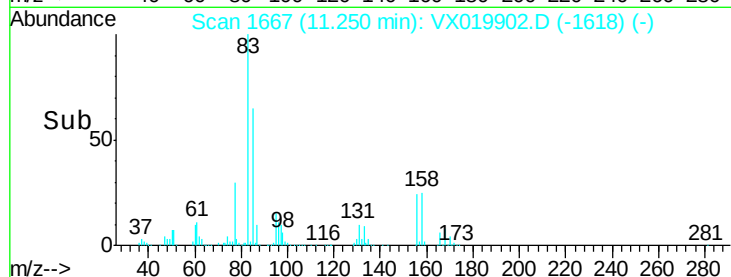
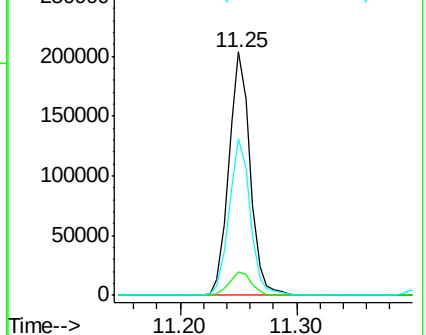
85 64.3 31.8 95.4



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: 63.552 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019902.D

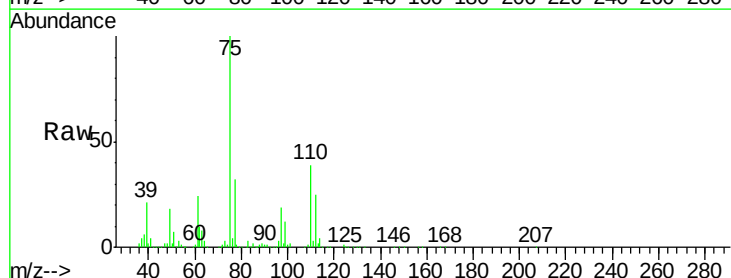
Acq: 12 Dec 2020 01:55

Tgt Ion: 75 Resp: 286428

Ion Ratio Lower Upper

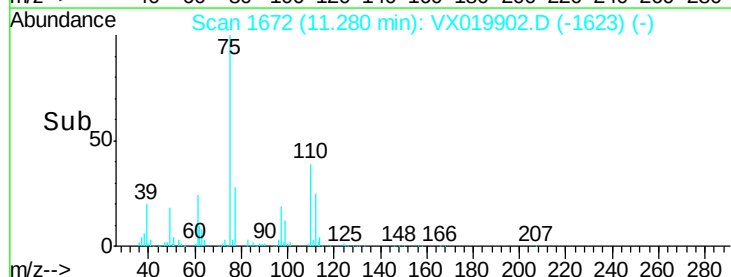
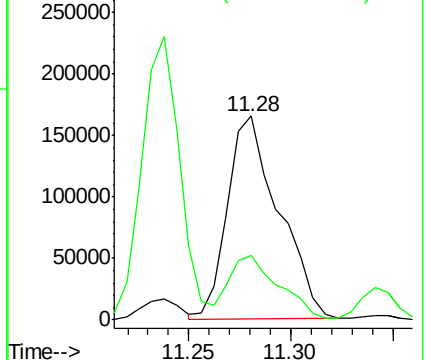
75 100

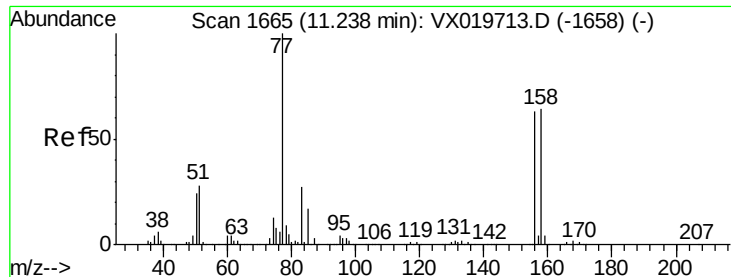
77 31.0 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.941 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

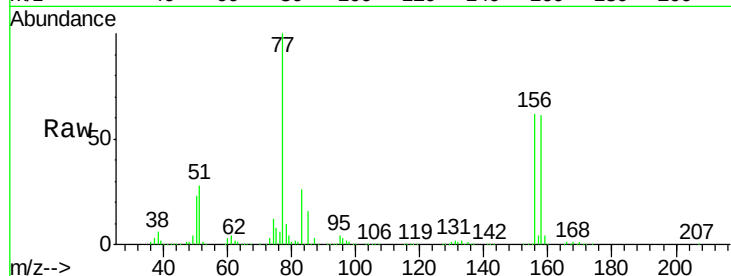
Tgt Ion:156 Resp: 178973

Ion Ratio Lower Upper

156 100

77 167.1 82.8 248.6

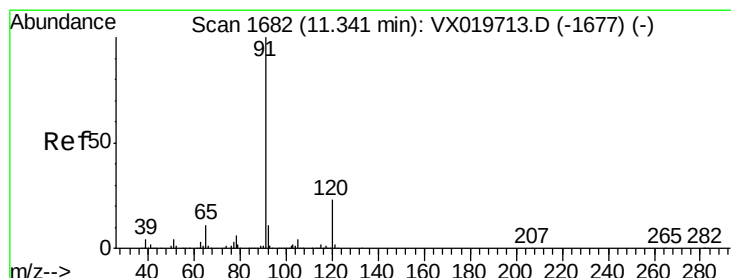
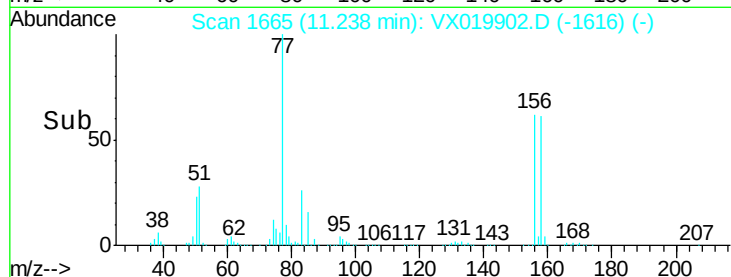
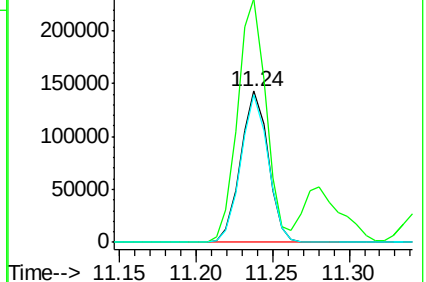
158 97.3 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.840 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019902.D

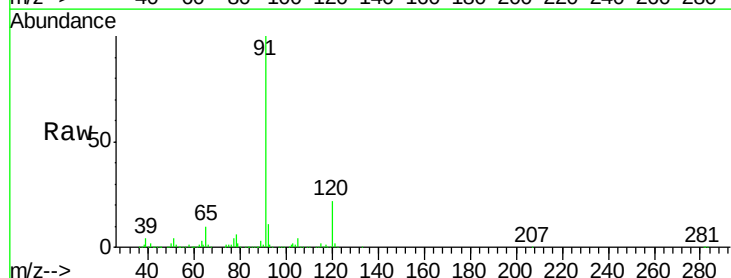
Acq: 12 Dec 2020 01:55

Tgt Ion: 91 Resp: 812877

Ion Ratio Lower Upper

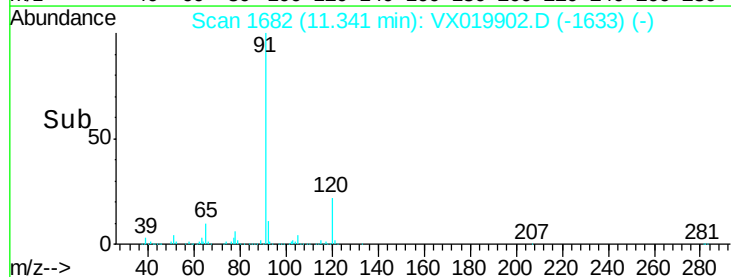
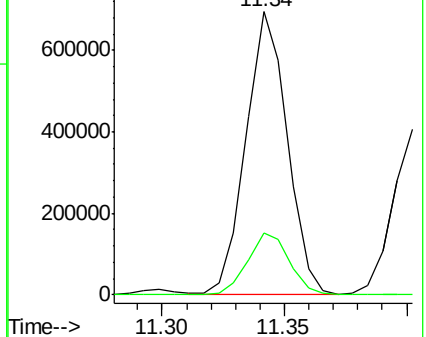
91 100

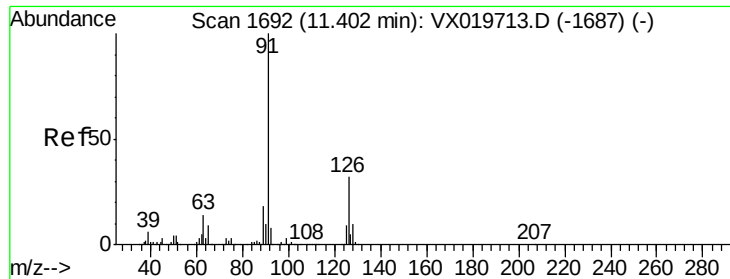
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

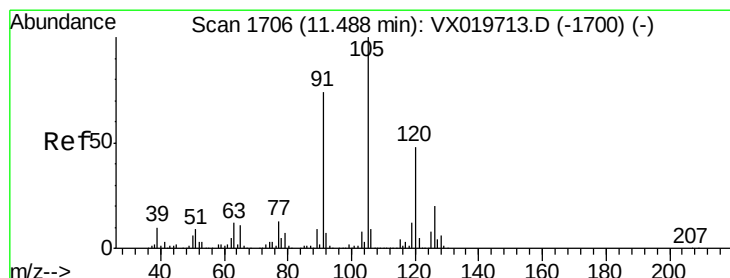
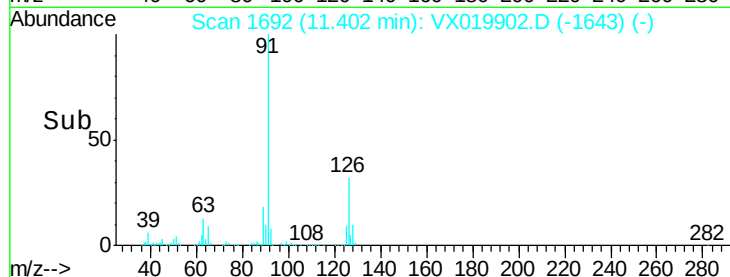
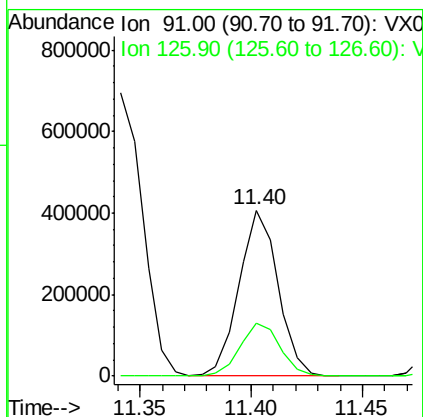
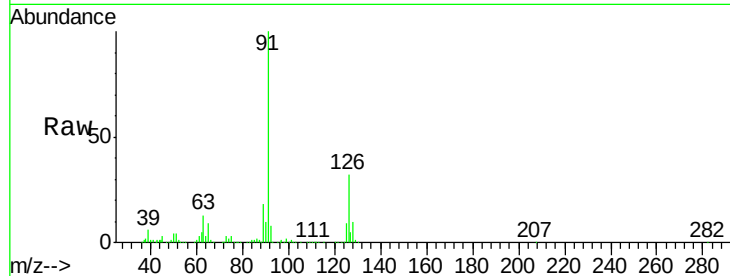




#79
 2-Chlorotoluene
 Concen: 51.421 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

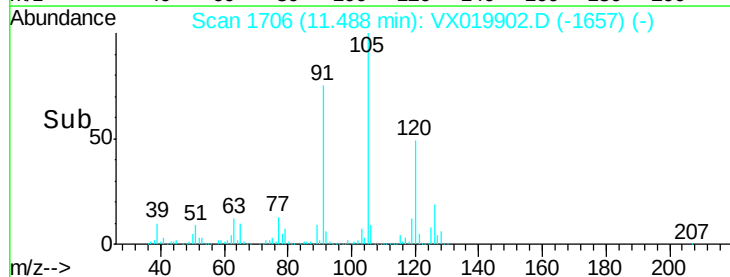
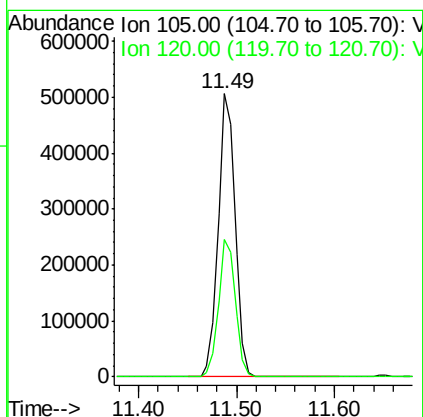
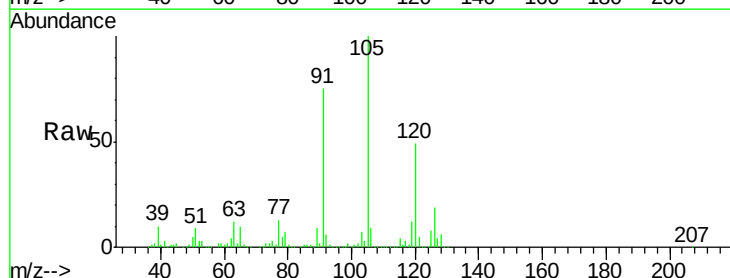
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

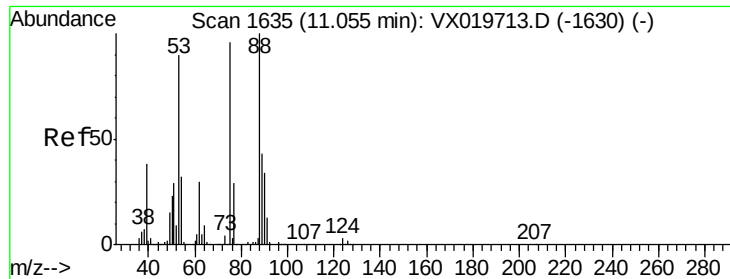
Tgt Ion: 91 Resp: 496535
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 52.326 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion: 105 Resp: 606286
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.8 71.5

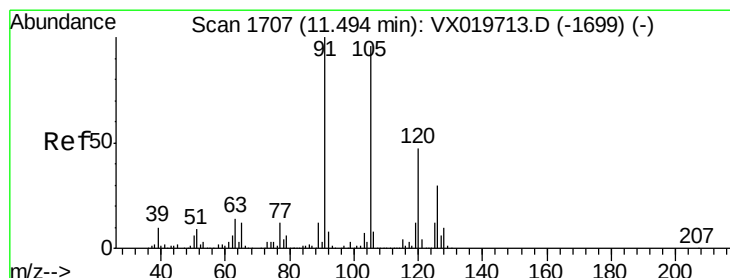
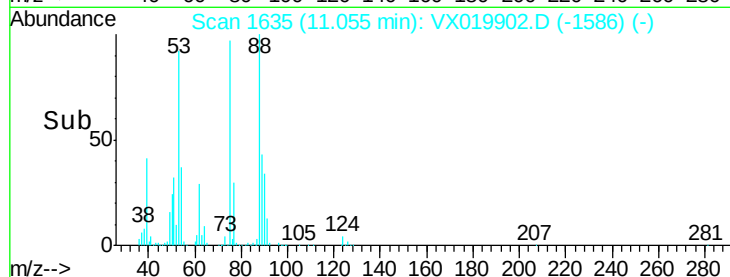
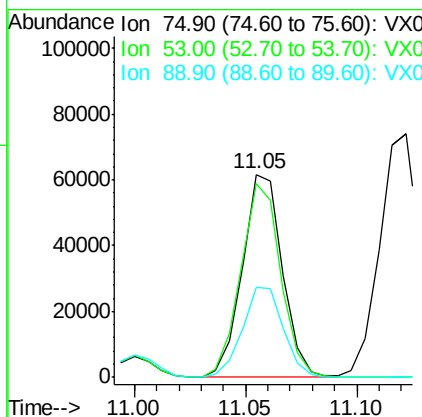
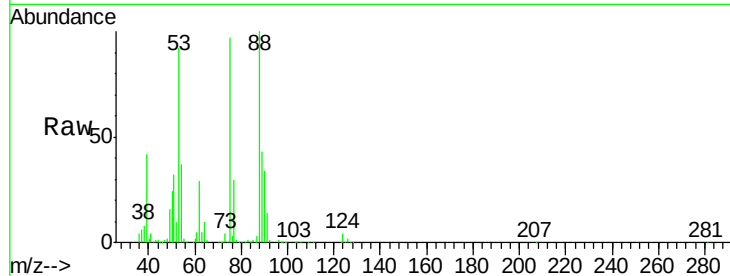




#81
trans-1,4-Dichloro-2-butene
Concen: 49.520 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

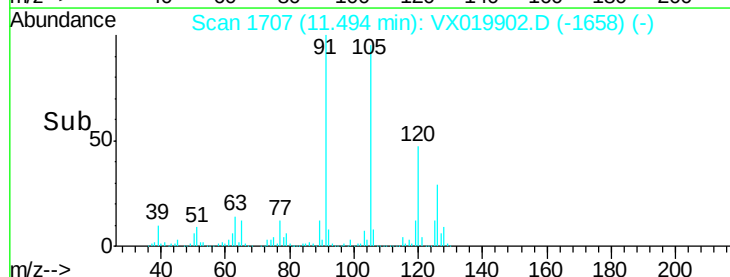
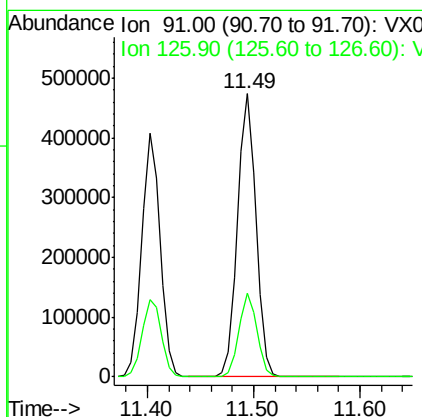
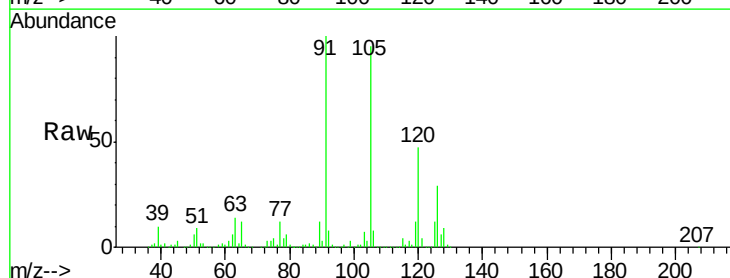
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

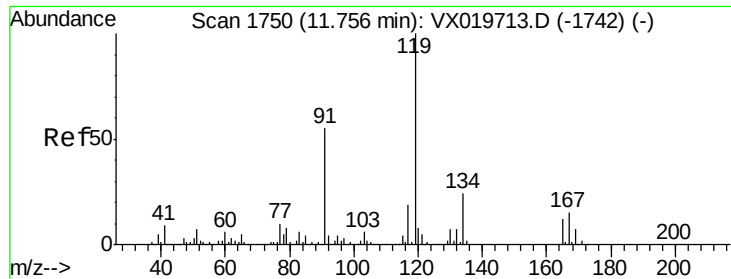
Tgt Ion: 75 Resp: 77205
Ion Ratio Lower Upper
75 100
53 95.4 74.5 111.7
89 45.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.359 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 91 Resp: 580825
Ion Ratio Lower Upper
91 100
126 28.7 14.9 44.5

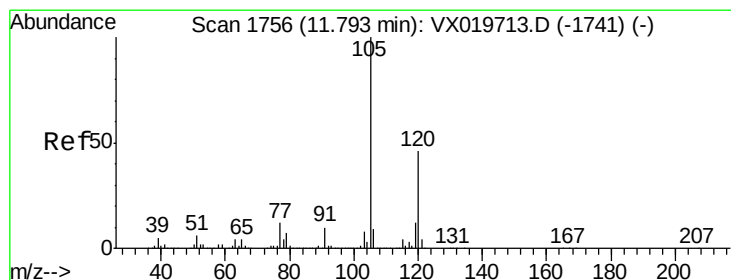
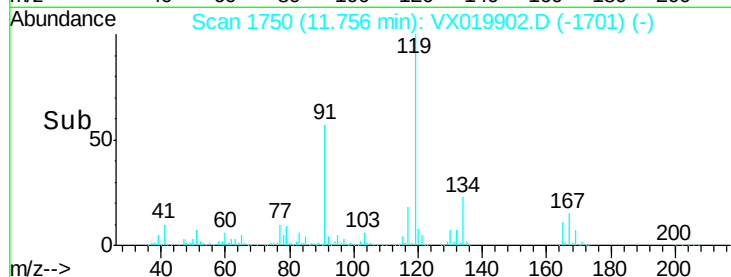
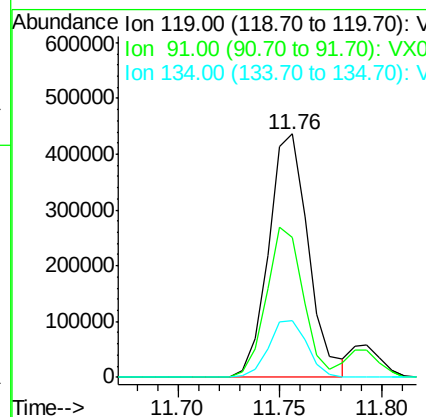
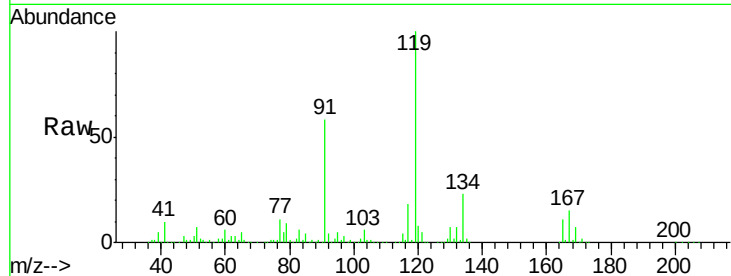




#83
 tert-Butylbenzene
 Concen: 52.163 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

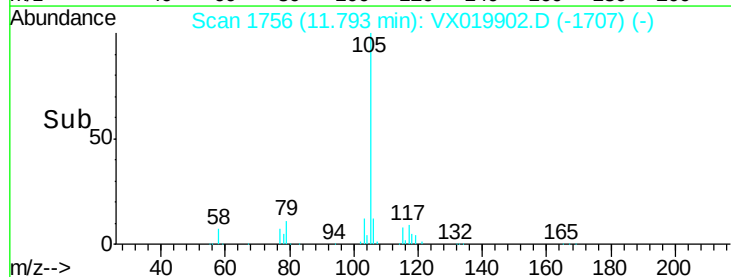
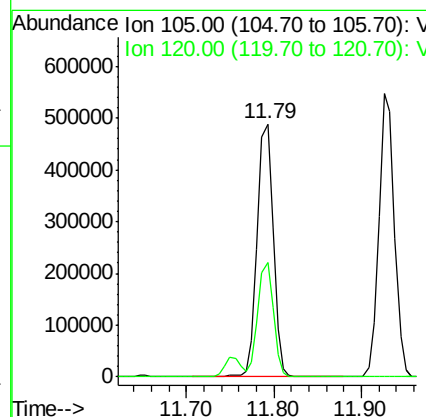
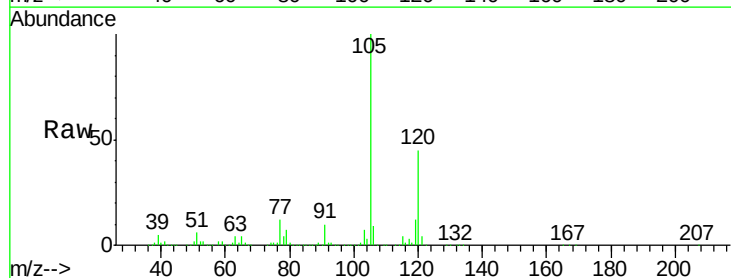
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

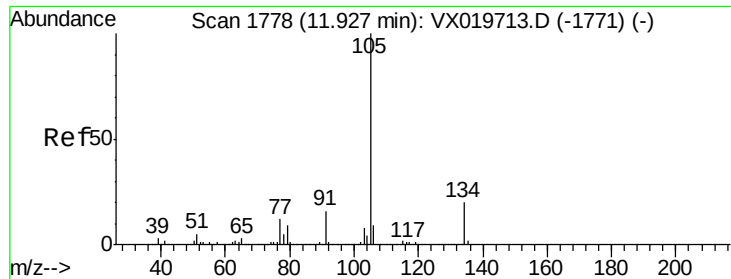
Tgt Ion:119 Resp: 592765
 Ion Ratio Lower Upper
 119 100
 91 57.0 27.9 83.7
 134 22.8 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.050 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion:105 Resp: 619179
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 52.363 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

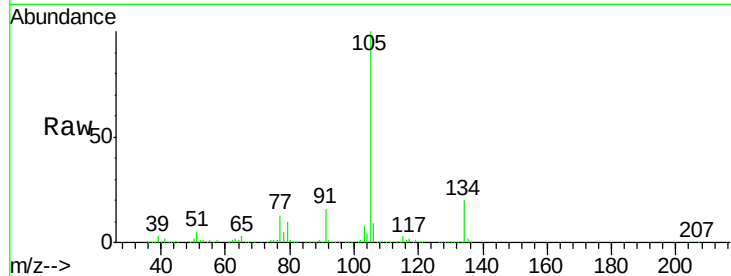
VSTDCCC050EC

Tgt Ion:105 Resp: 679370

Ion Ratio Lower Upper

105 100

134 19.8 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

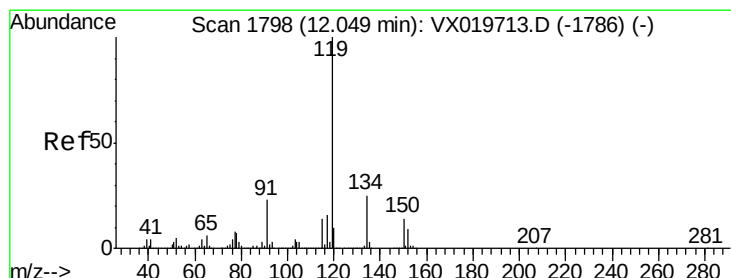
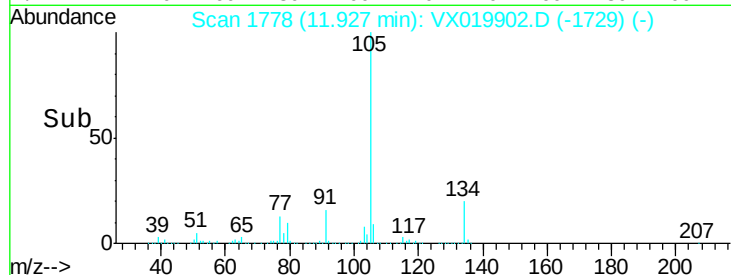
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 52.736 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

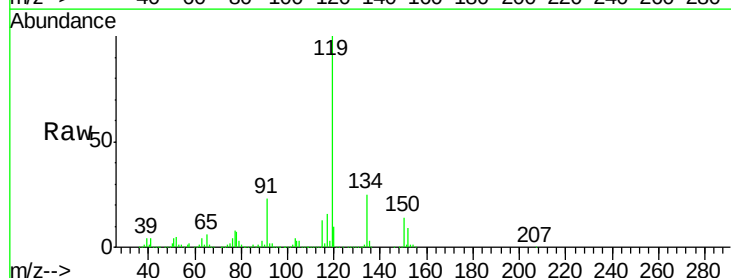
Tgt Ion:119 Resp: 627065

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 23.6 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

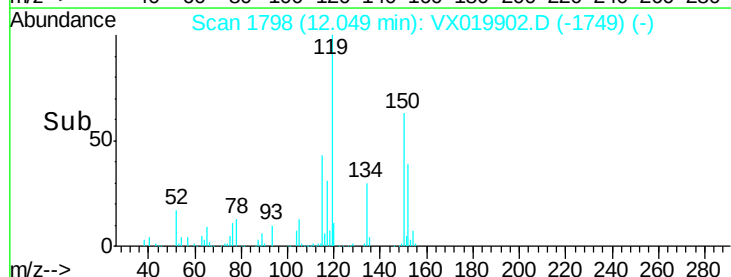
600000

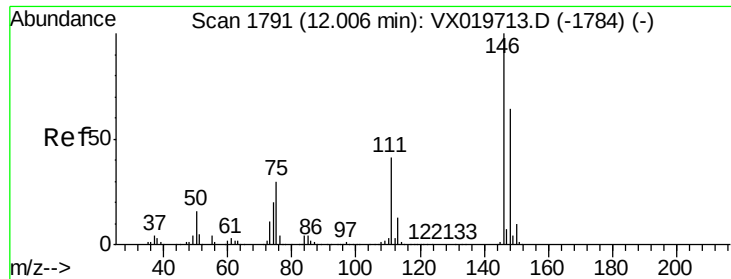
400000

200000

0

Time--> 12.00 12.10

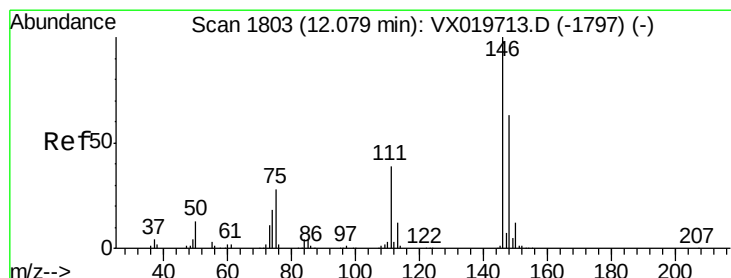
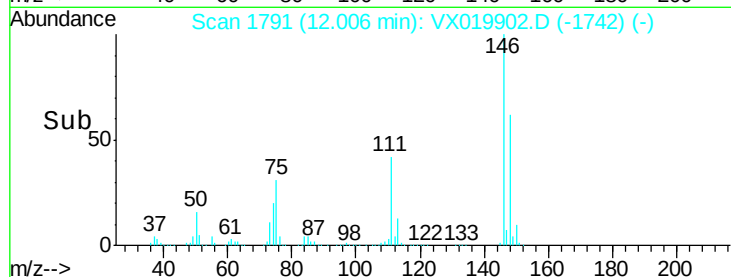
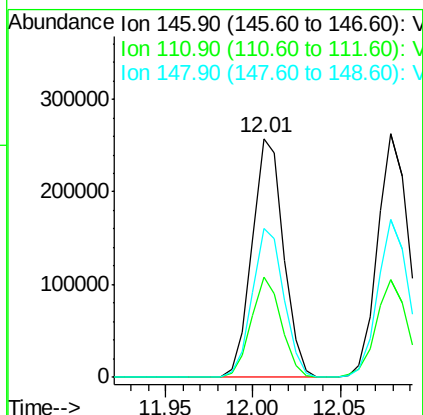
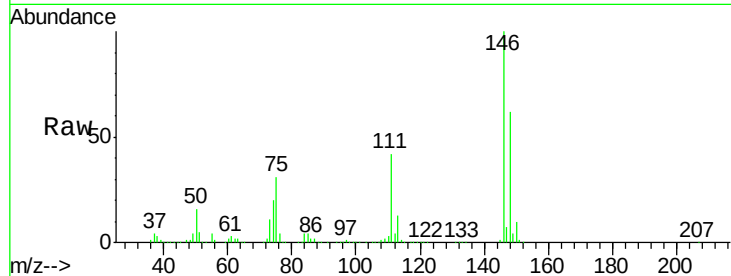




#87
 1,3-Dichlorobenzene
 Concen: 50.093 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

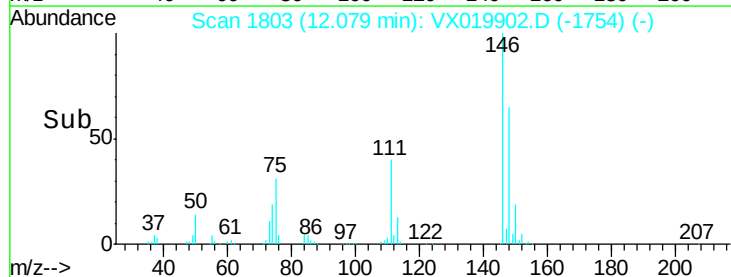
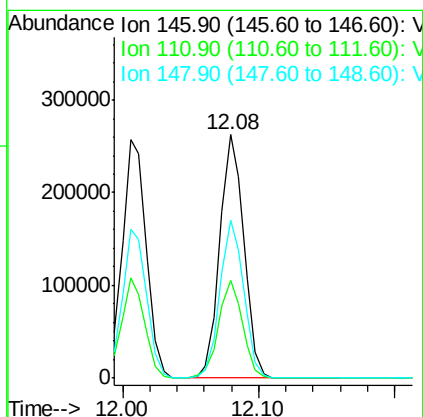
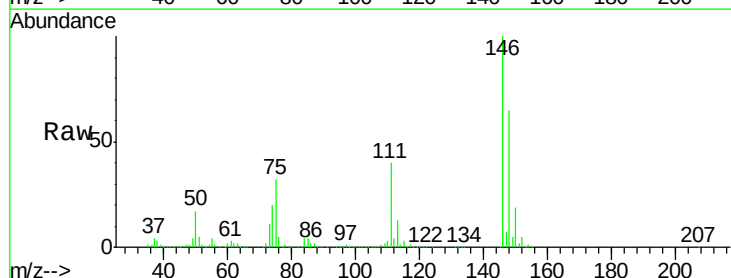
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

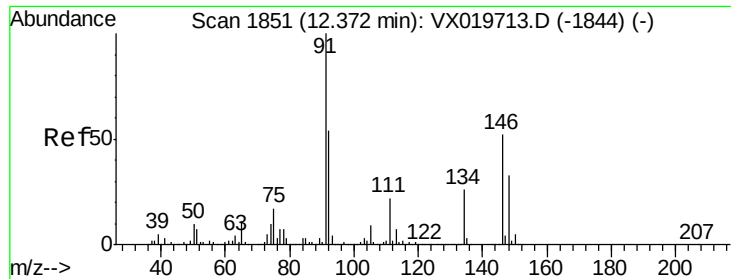
Tgt Ion:146 Resp: 323013
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 62.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.083 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion:146 Resp: 322364
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.8
 148 63.8 31.6 95.0

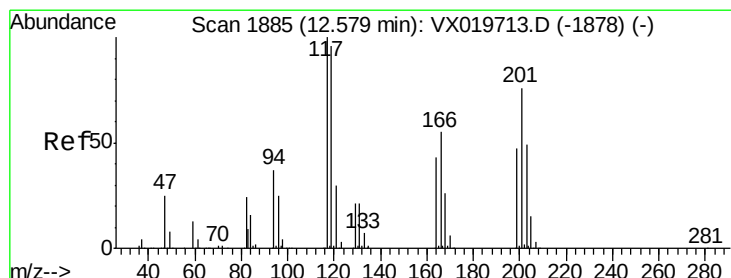
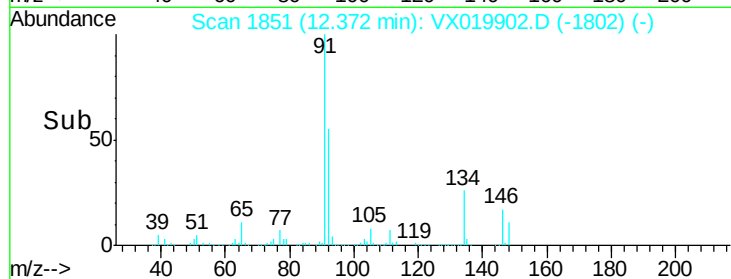
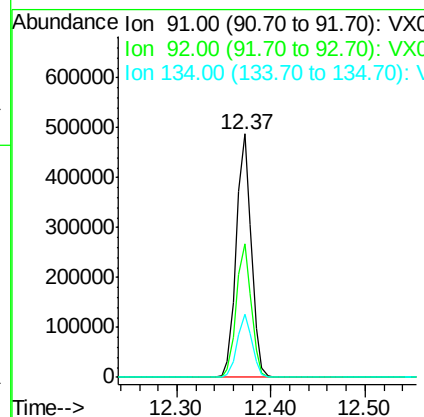
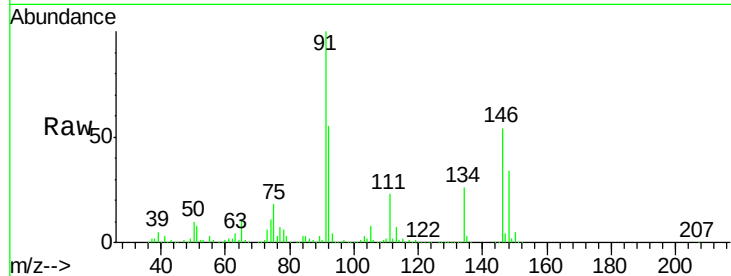




#89
n-Butylbenzene
Concen: 51.168 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

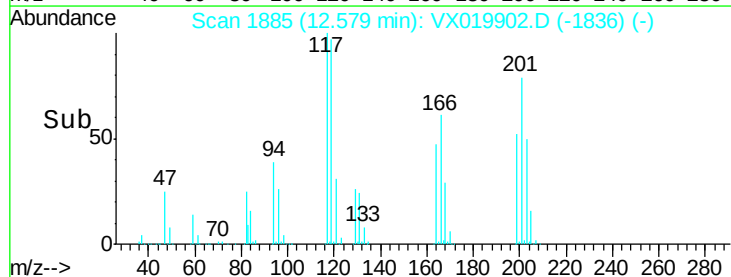
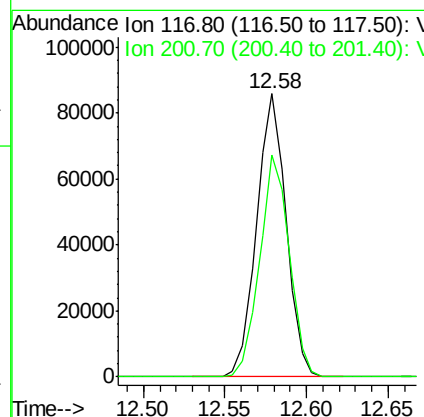
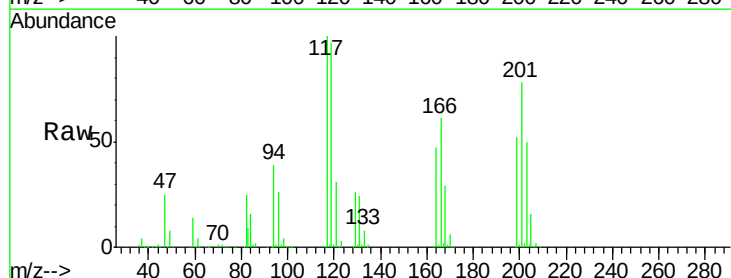
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

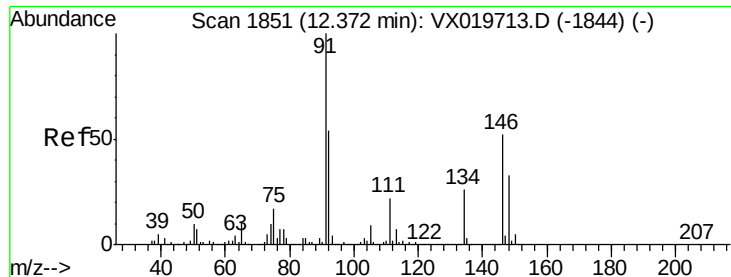
Tgt Ion: 91 Resp: 539041
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.0
134 25.5 13.2 39.5



#90
Hexachloroethane
Concen: 52.669 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion: 117 Resp: 108122
Ion Ratio Lower Upper
117 100
201 78.7 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 52.001 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

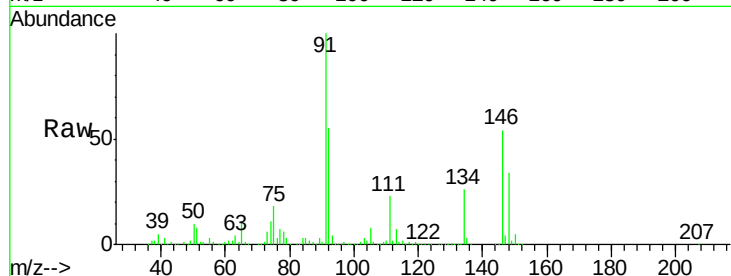
Tgt Ion:146 Resp: 326880

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.2

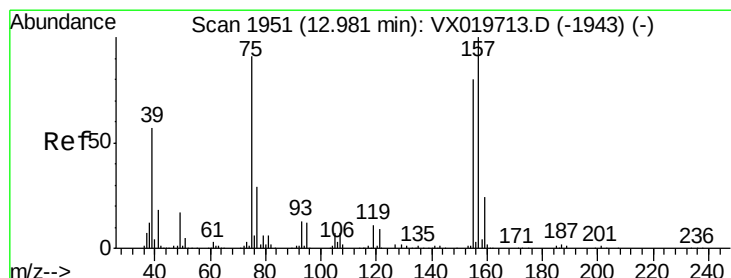
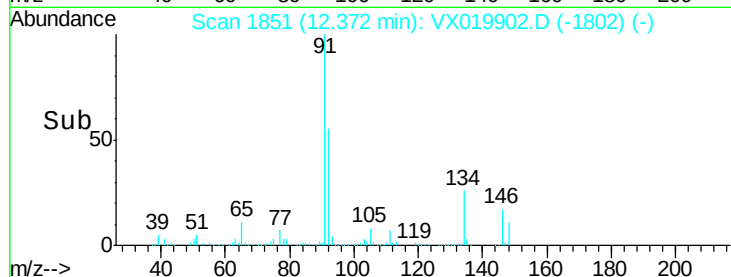
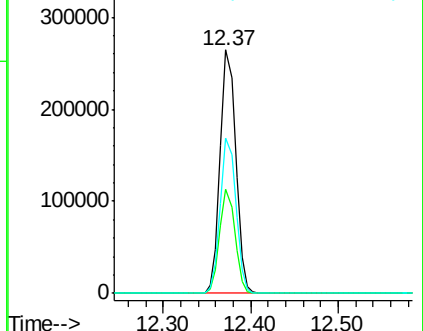
148 63.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.371 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019902.D

Acq: 12 Dec 2020 01:55

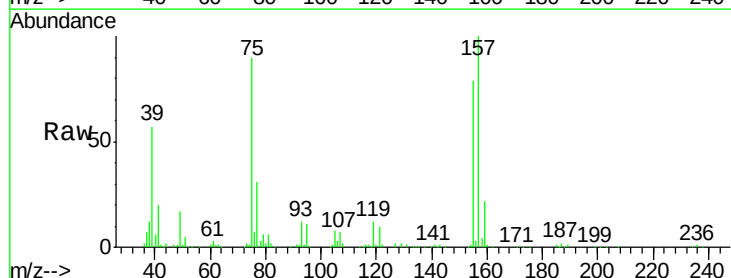
Tgt Ion: 75 Resp: 53453

Ion Ratio Lower Upper

75 100

155 89.4 45.3 135.9

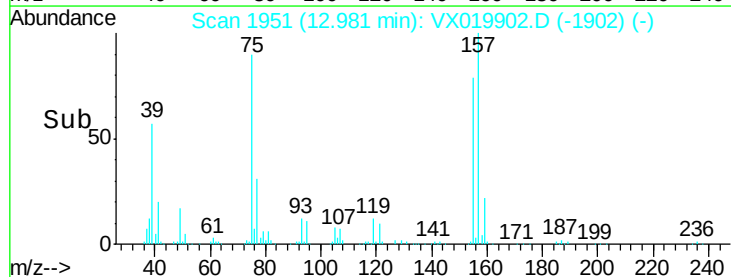
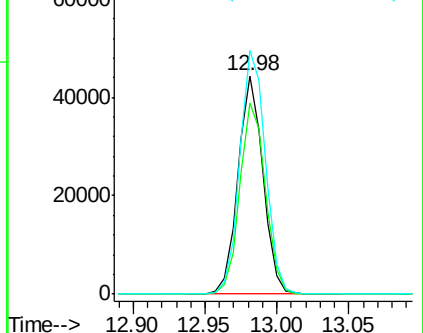
157 114.4 57.7 173.1

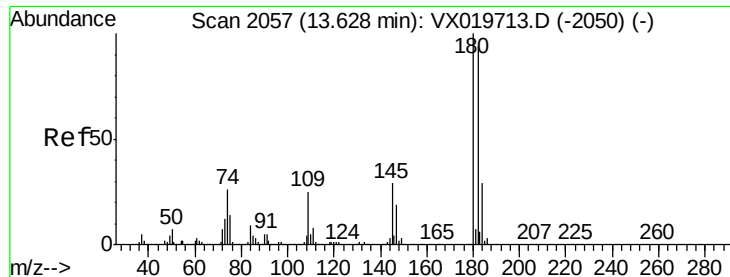


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

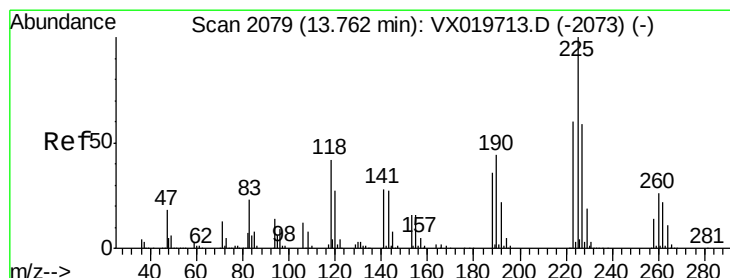
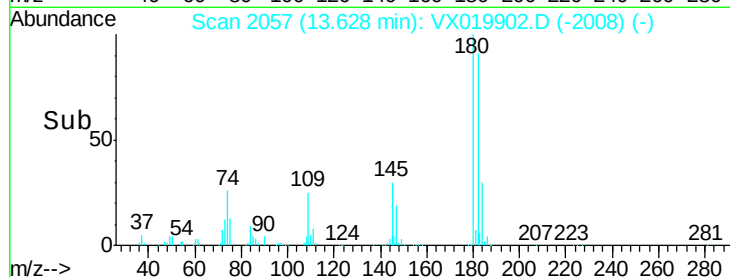
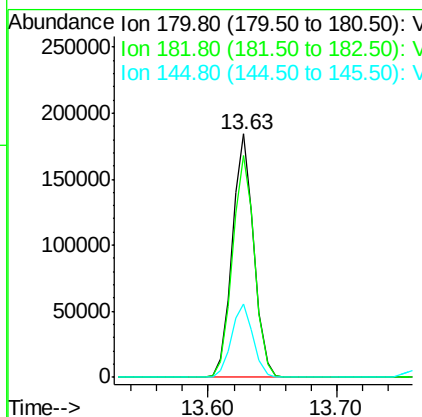
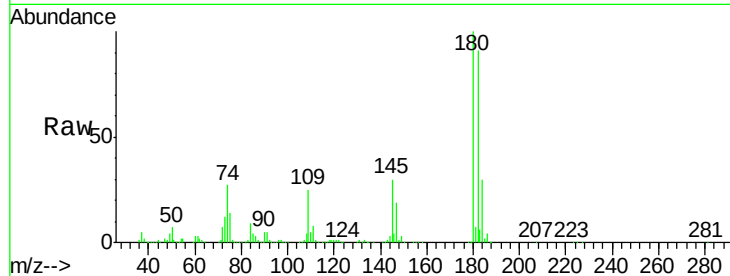




#93
 1,2,4-Trichlorobenzene
 Concen: 52.486 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

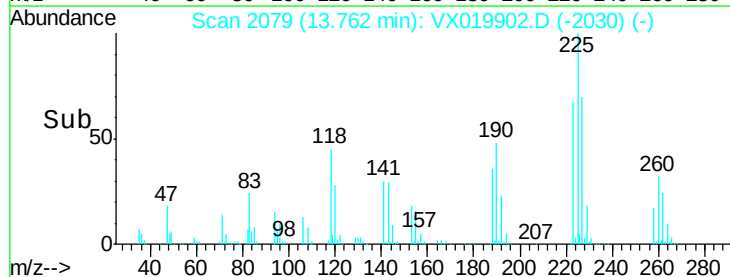
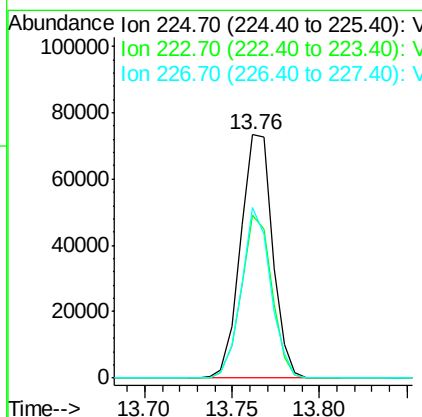
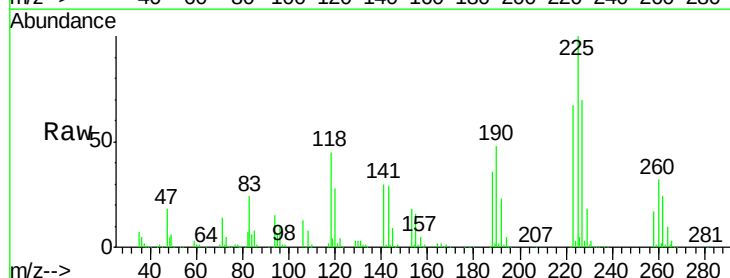
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

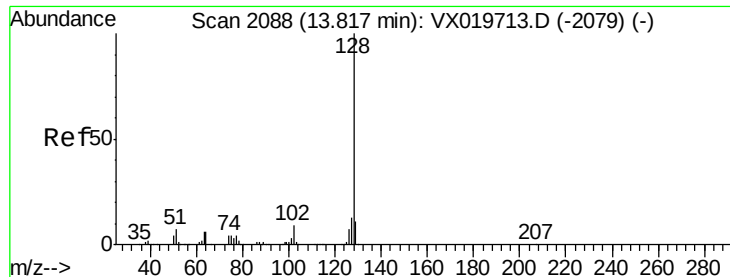
Tgt Ion:180 Resp: 214769
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.7 143.1
 145 30.5 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 51.177 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019902.D
 Acq: 12 Dec 2020 01:55

Tgt Ion:225 Resp: 93598
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.2
 227 64.1 31.6 95.0

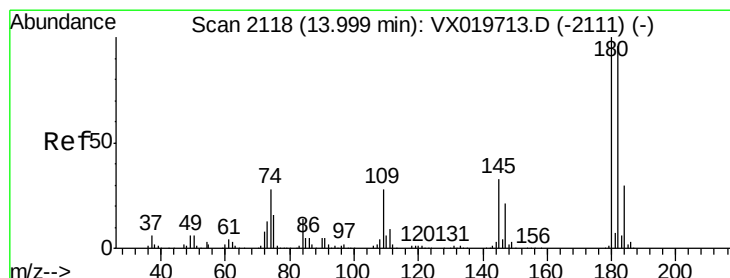
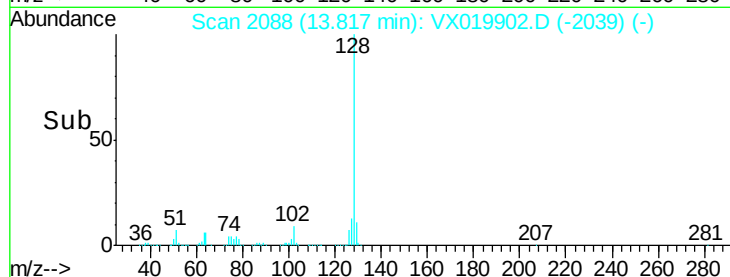
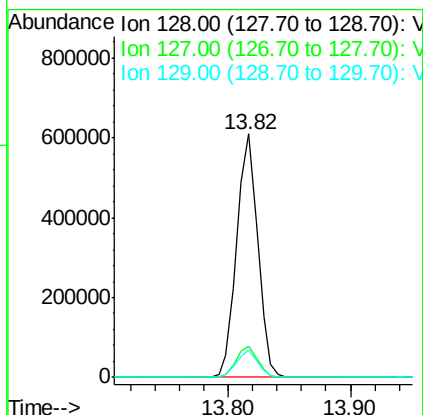
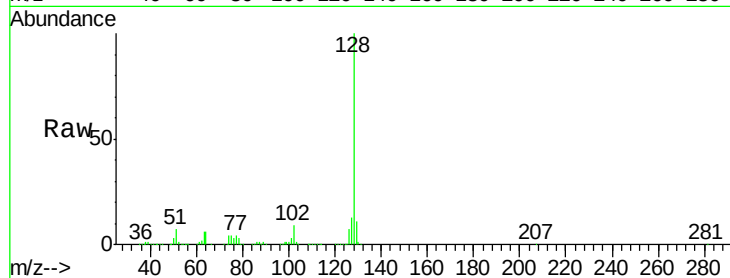




#95
Naphthalene
Concen: 54.408 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 721774
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.953 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019902.D
Acq: 12 Dec 2020 01:55

Tgt Ion:180 Resp: 211757
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.9
145 33.0 16.1 48.3

