

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020090.D
 Acq On : 17 Dec 2020 01:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 02:28:04 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	232441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	390141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	376528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182421	59.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	119.42%
35) Dibromofluoromethane	5.46	113	146491	58.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	116.20%
50) Toluene-d8	8.70	98	548364	56.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	113.94%
62) 4-Bromofluorobenzene	11.12	95	212535	58.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	90618	42.582	ug/l 98
3) Chloromethane	1.31	50	105566	42.180	ug/l 98
4) Vinyl Chloride	1.39	62	125300	47.481	ug/l 100
5) Bromomethane	1.62	94	35073	40.027	ug/l 96
6) Chloroethane	1.70	64	88735	55.975	ug/l 100
7) Trichlorofluoromethane	1.91	101	179221	48.766	ug/l 96
8) Diethyl Ether	2.17	74	84878	54.500	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	106151	50.392	ug/l 98
10) Methyl Iodide	2.49	142	111243	35.827	ug/l 99
11) Tert butyl alcohol	3.02	59	181781	289.853	ug/l 100
12) 1,1-Dichloroethene	2.35	96	106830	50.163	ug/l 96
13) Acrolein	2.27	56	106567	316.027	ug/l 99
14) Allyl chloride	2.70	41	191750	53.311	ug/l 96
15) Acrylonitrile	3.11	53	422936	306.239	ug/l 100
16) Acetone	2.42	43	333776	290.674	ug/l 98
17) Carbon Disulfide	2.54	76	244239	39.969	ug/l 100
18) Methyl Acetate	2.75	43	186172	66.255	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	447479	57.696	ug/l 99
20) Methylene Chloride	2.83	84	147218	56.338	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	126308	50.872	ug/l 98
22) Diisopropyl ether	3.82	45	434313	59.722	ug/l 94
23) Vinyl Acetate	3.78	43	1842211	297.341	ug/l 99
24) 1,1-Dichloroethane	3.67	63	246314	56.167	ug/l 99
25) 2-Butanone	4.63	43	536310	303.953	ug/l 98
26) 2,2-Dichloropropane	4.54	77	171975	45.538	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	156245	53.774	ug/l 99
28) Bromochloromethane	4.98	49	114515	54.778	ug/l 96
29) Tetrahydrofuran	5.09	42	342871	301.607	ug/l 98
30) Chloroform	5.17	83	259655	57.584	ug/l 97
31) Cyclohexane	5.55	56	180027	47.374	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	206632	53.212	ug/l 100
36) 1,1-Dichloropropene	5.77	75	168213	47.714	ug/l 99
37) Ethyl Acetate	4.79	43	202193	56.803	ug/l 100
38) Carbon Tetrachloride	5.75	117	168418	48.784	ug/l 99

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 VSTDCCC050

Quant Time: Dec 17 02:28:04 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)
39) Methylcyclohexane	7.44	83	180461	43.569	ug/l	95
40) Benzene	6.11	78	568127	52.755	ug/l	99
41) Methacrylonitrile	5.00	41	114880	58.782	ug/l	98
42) 1,2-Dichloroethane	6.16	62	205108	55.744	ug/l	100
43) Isopropyl Acetate	6.41	43	322027	55.646	ug/l	99
44) Trichloroethene	7.18	130	139317	49.306	ug/l	98
45) 1,2-Dichloropropane	7.49	63	150529	55.927	ug/l	99
46) Dibromomethane	7.63	93	100391	55.232	ug/l	99
47) Bromodichloromethane	7.87	83	201322	55.818	ug/l	100
48) Methyl methacrylate	7.74	41	161587	56.774	ug/l	98
49) 1,4-Dioxane	7.71	88	78596	1139.952	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1066850	301.951	ug/l	100
52) Toluene	8.76	92	350235	51.999	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	213546	53.355	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	233196	53.631	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	155150	57.160	ug/l	99
56) Ethyl methacrylate	9.16	69	232733	56.672	ug/l	99
57) 1,3-Dichloropropane	9.35	76	262367	56.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	624173	286.905	ug/l	98
59) 2-Hexanone	9.47	43	811743	296.398	ug/l	99
60) Dibromochloromethane	9.56	129	156425	56.723	ug/l	100
61) 1,2-Dibromoethane	9.65	107	157923	54.791	ug/l	100
64) Tetrachloroethene	9.32	164	122010	48.320	ug/l	96
65) Chlorobenzene	10.12	112	377191	50.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	143458	53.133	ug/l	99
67) Ethyl Benzene	10.23	91	667833	50.155	ug/l	99
68) m/p-Xylenes	10.34	106	494290	98.514	ug/l	98
69) o-Xylene	10.68	106	243970	50.548	ug/l	100
70) Styrene	10.69	104	424443	52.100	ug/l	99
71) Bromoform	10.84	173	112913	53.160	ug/l #	99
73) Isopropylbenzene	11.00	105	646040	50.747	ug/l	99
74) N-amyl acetate	10.88	43	280362	54.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	253319	56.440	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	279684	66.923	ug/l	89
77) Bromobenzene	11.24	156	168178	51.622	ug/l	98
78) n-propylbenzene	11.34	91	737531	50.724	ug/l	99
79) 2-Chlorotoluene	11.40	91	458477	51.203	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	555422	51.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	72992	50.490	ug/l	98
82) 4-Chlorotoluene	11.49	91	540742	51.564	ug/l	99
83) tert-Butylbenzene	11.76	119	535917	50.859	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	566753	52.367	ug/l	99
85) sec-Butylbenzene	11.93	105	607273	50.477	ug/l	99
86) p-Isopropyltoluene	12.05	119	555805	50.409	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	298758	49.964	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	300007	49.261	ug/l	98
89) n-Butylbenzene	12.37	91	478103	48.943	ug/l	99
90) Hexachloroethane	12.58	117	97840	51.398	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	308018	52.844	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54215	56.189	ug/l	95

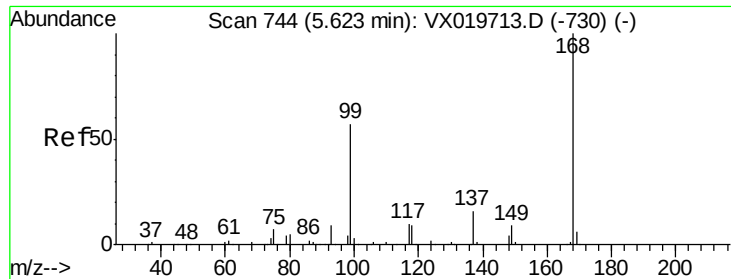
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
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Quant Time: Dec 17 02:28:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	191092	50.362	ug/l	98
94) Hexachlorobutadiene	13.76	225	76896	45.342	ug/l	97
95) Naphthalene	13.82	128	697802	56.726	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	196086	52.879	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: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

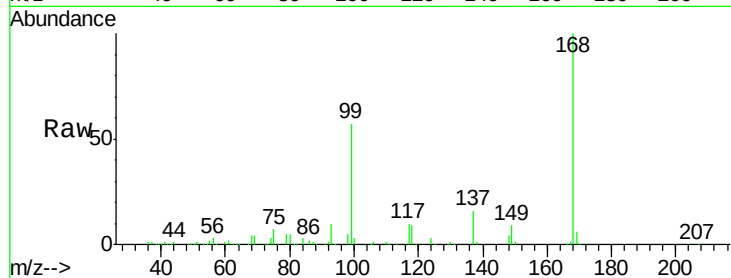
VSTDCCC050

Tgt Ion:168 Resp: 232441

Ion Ratio Lower Upper

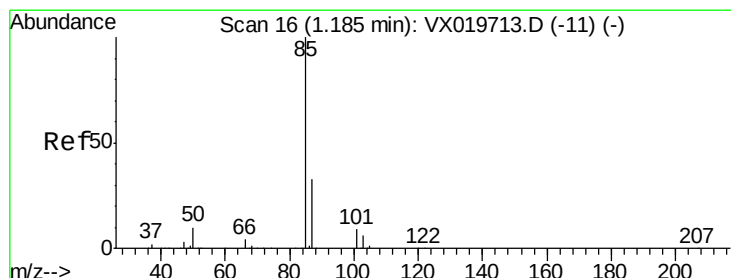
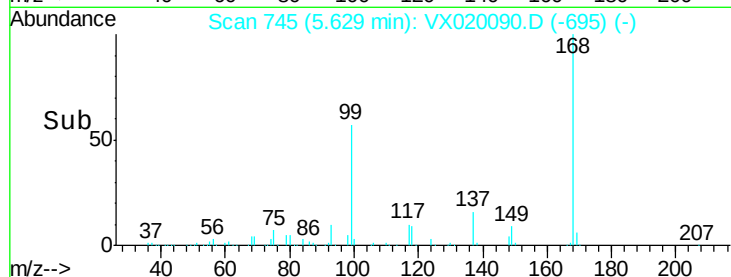
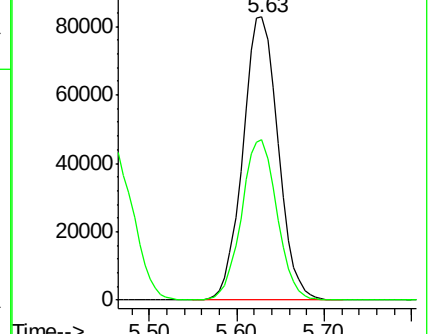
168 100

99 56.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.582 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020090.D

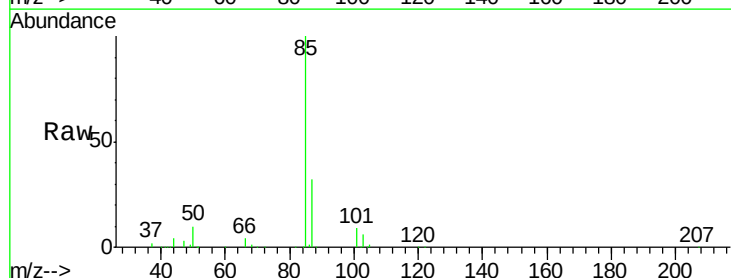
Acq: 17 Dec 2020 01:15

Tgt Ion: 85 Resp: 90618

Ion Ratio Lower Upper

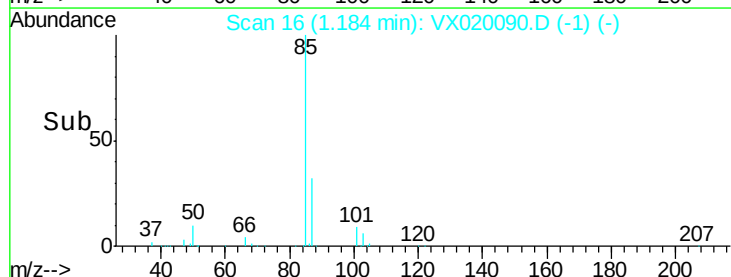
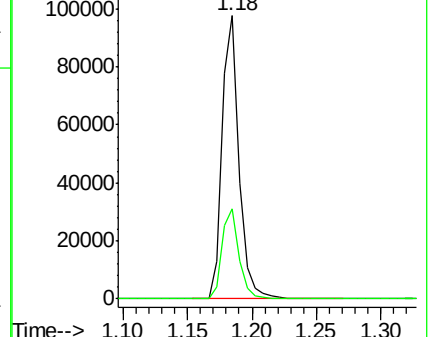
85 100

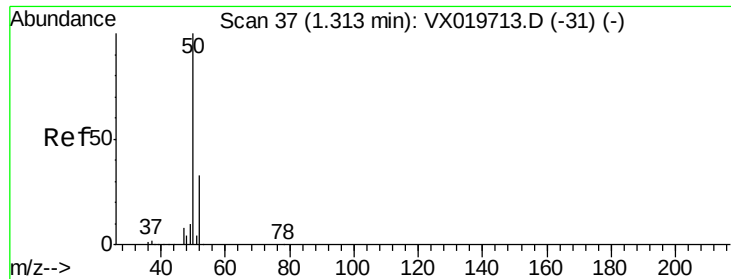
87 31.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.180 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

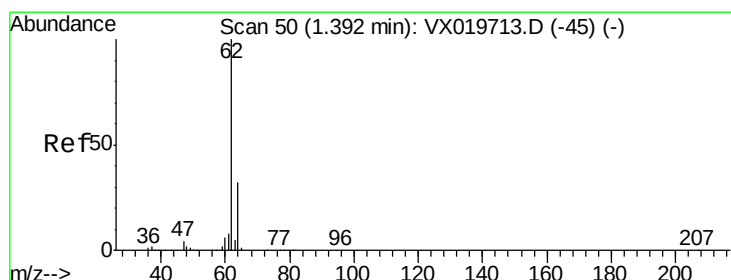
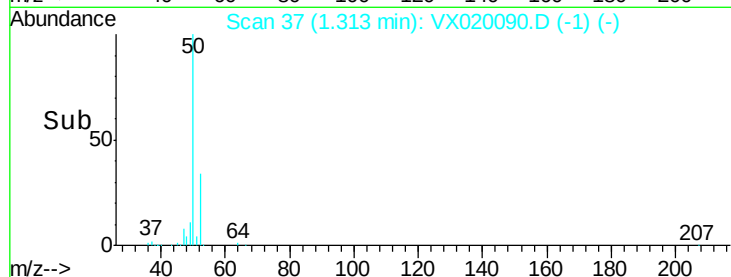
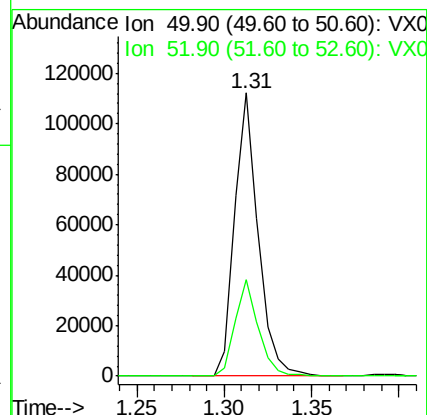
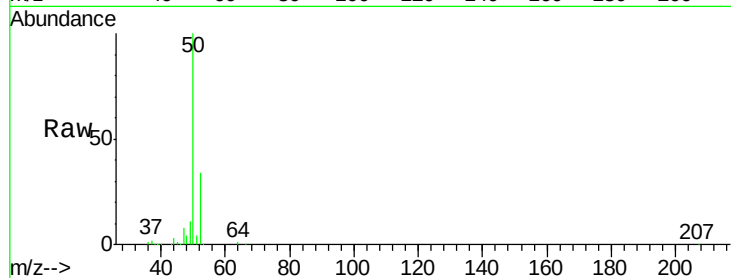
VSTDCCC050

Tgt Ion: 50 Resp: 105566

Ion Ratio Lower Upper

50 100

52 34.3 26.4 39.6



#4

Vinyl Chloride

Concen: 47.481 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020090.D

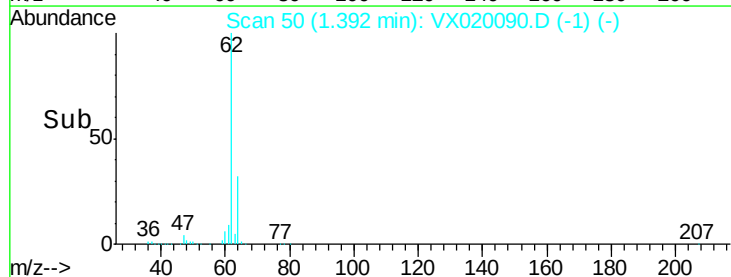
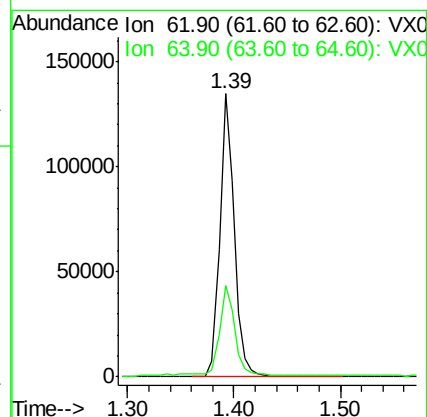
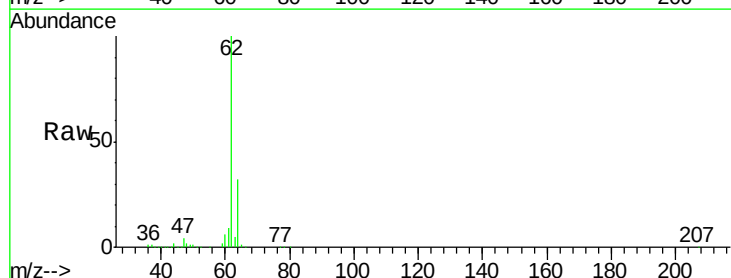
Acq: 17 Dec 2020 01:15

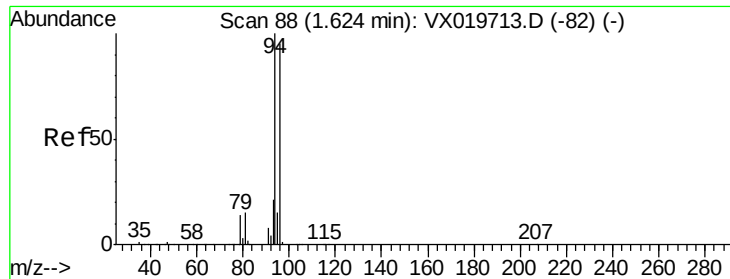
Tgt Ion: 62 Resp: 125300

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 40.027 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

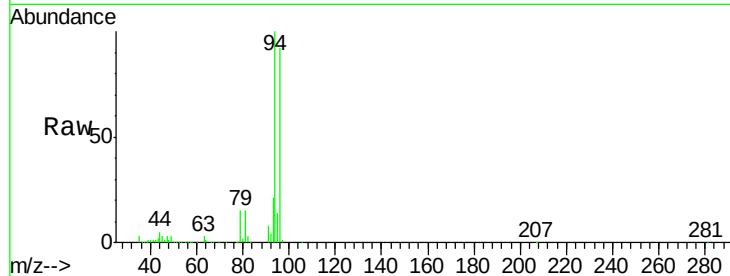
VSTDCCC050

Tgt Ion: 94 Resp: 35073

Ion Ratio Lower Upper

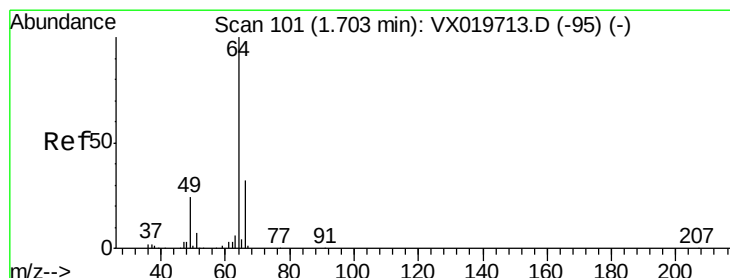
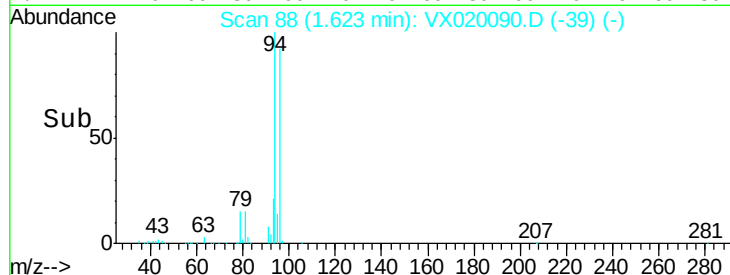
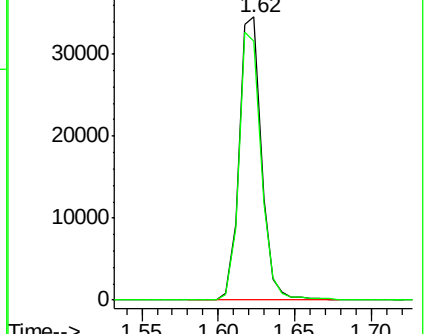
94 100

96 91.5 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.975 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX020090.D

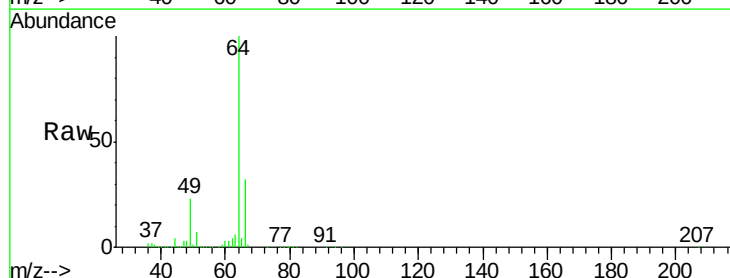
Acq: 17 Dec 2020 01:15

Tgt Ion: 64 Resp: 88735

Ion Ratio Lower Upper

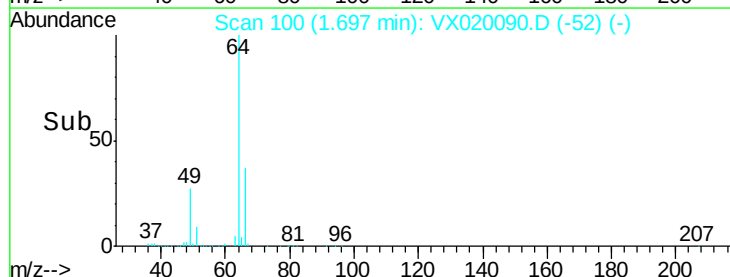
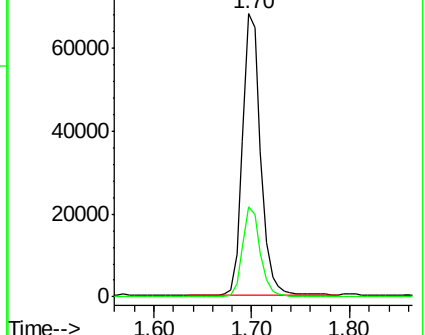
64 100

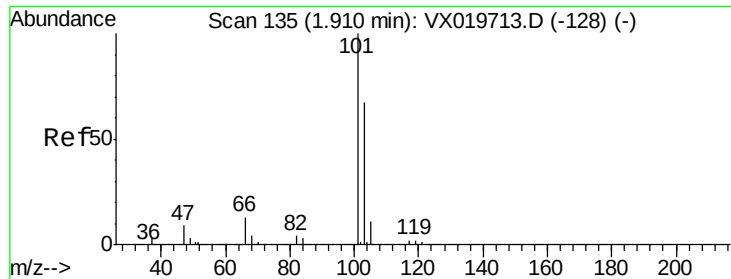
66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



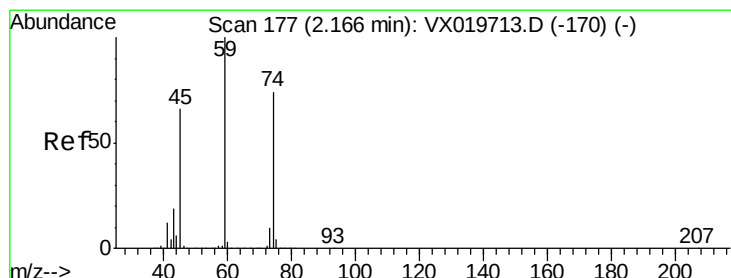
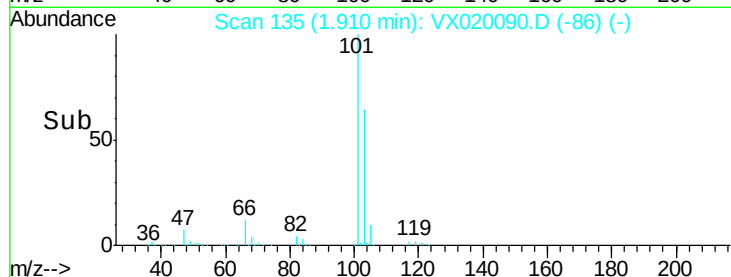
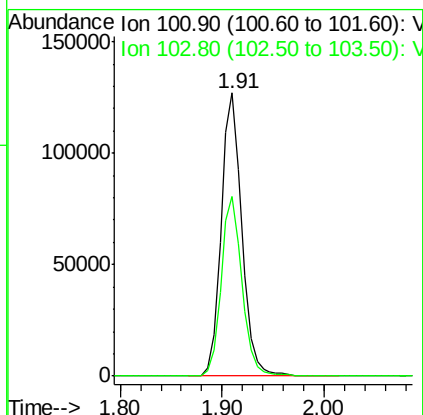
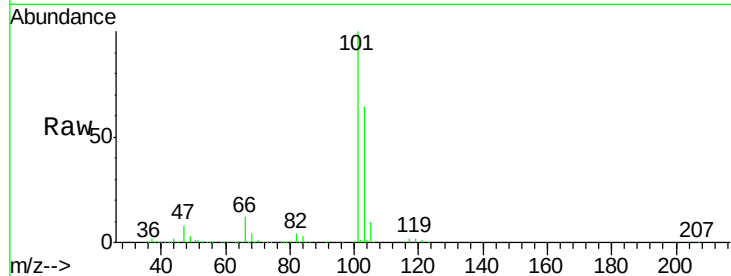


#7

Trichlorofluoromethane
Concen: 48.766 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Instrument :
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ClientSampleId :
VSTDCCC050

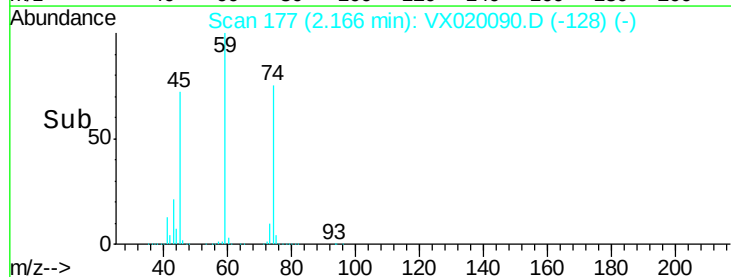
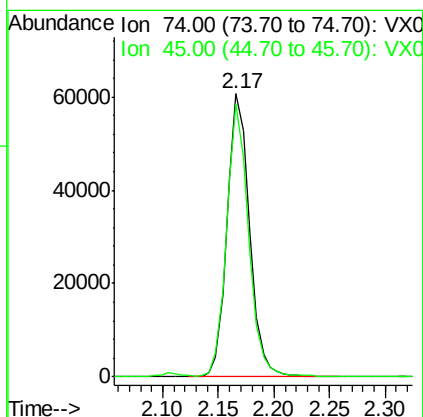
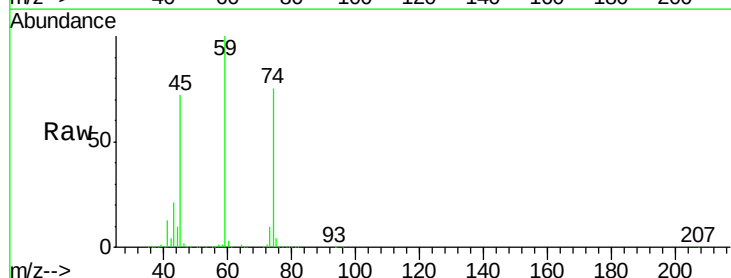
Tgt Ion:101 Resp: 179221
Ion Ratio Lower Upper
101 100
103 63.6 53.2 79.8

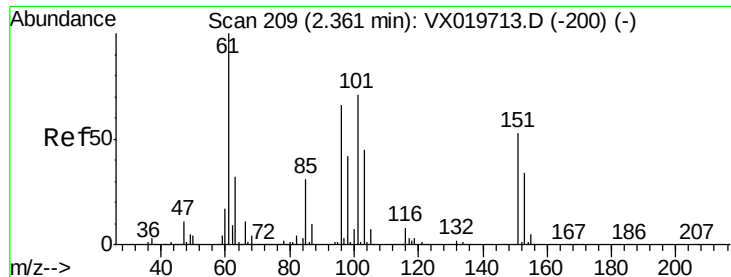


#8

Diethyl Ether
Concen: 54.500 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 74 Resp: 84878
Ion Ratio Lower Upper
74 100
45 93.3 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.392 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

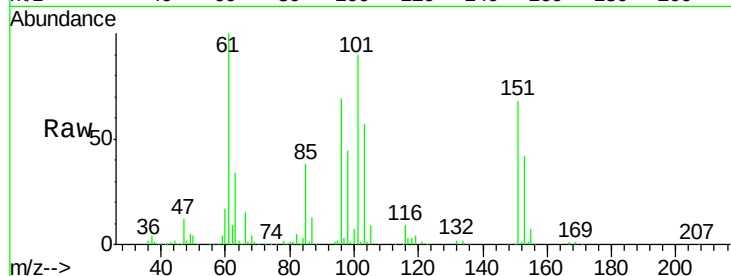
Tgt Ion:101 Resp: 106151

Ion Ratio Lower Upper

101 100

85 43.4 34.9 52.3

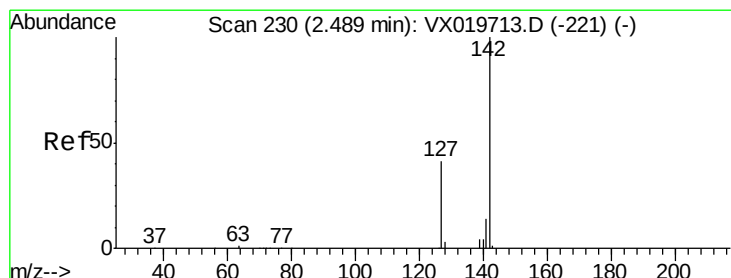
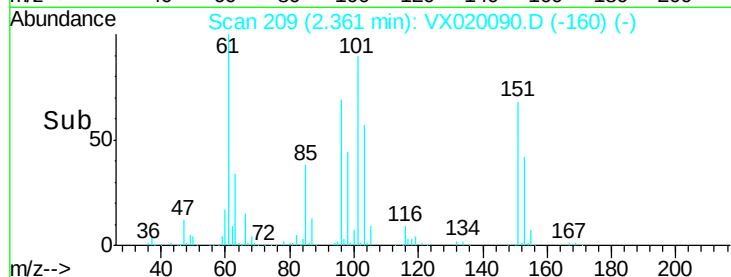
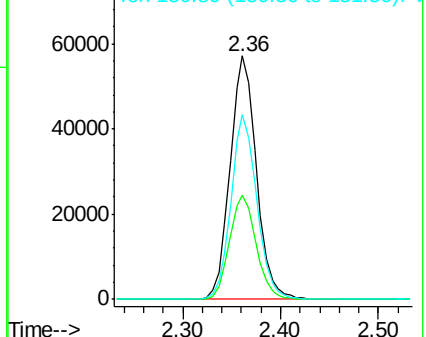
151 74.8 61.4 92.2



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: 35.827 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

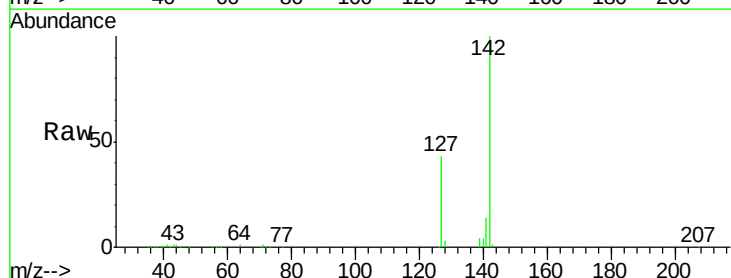
Tgt Ion:142 Resp: 111243

Ion Ratio Lower Upper

142 100

127 42.8 33.3 49.9

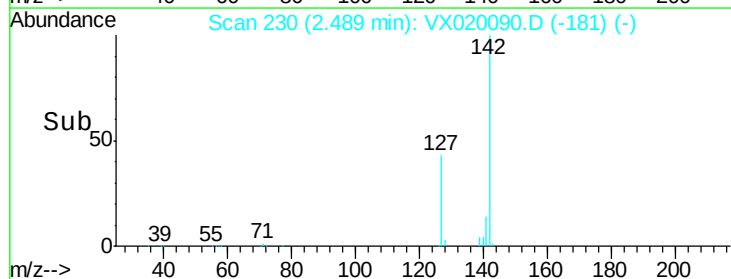
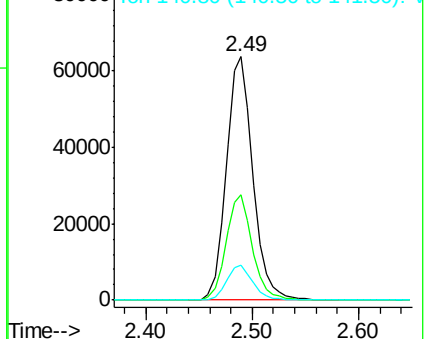
141 14.2 11.4 17.0

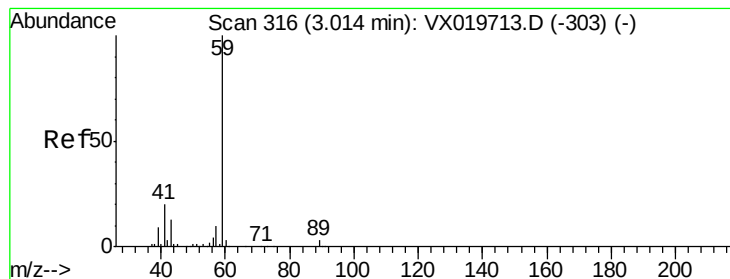


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



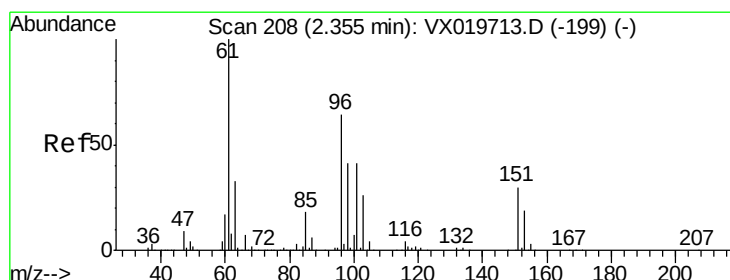
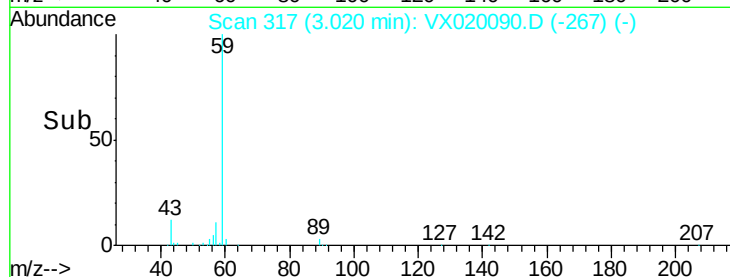
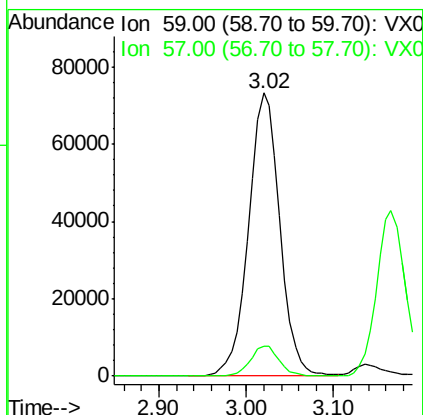
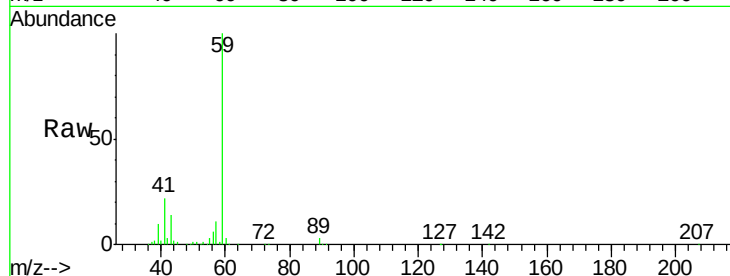


#11

Tert butyl alcohol
 Concen: 289.853 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

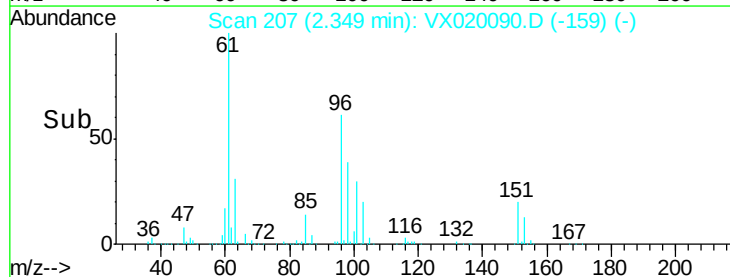
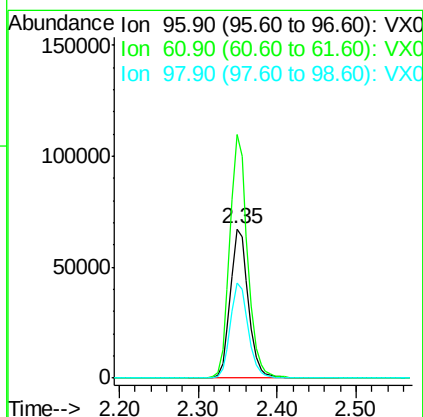
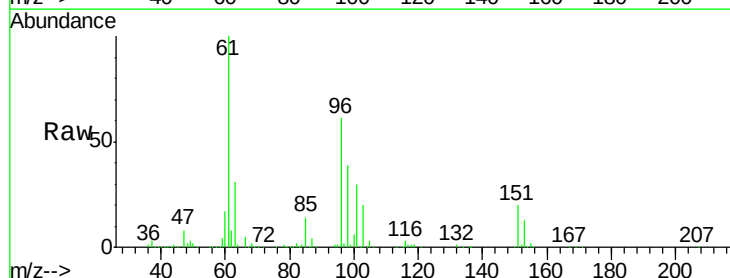
Tgt Ion: 59 Resp: 181781
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8

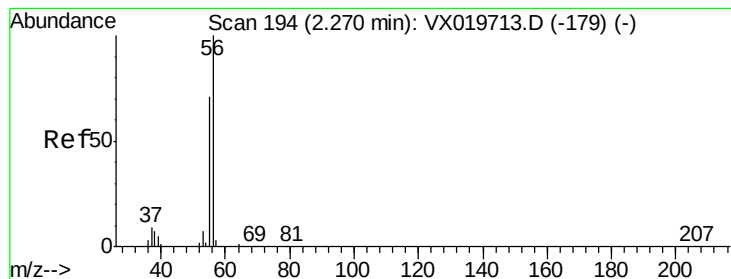


#12

1,1-Dichloroethene
 Concen: 50.163 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion: 96 Resp: 106830
 Ion Ratio Lower Upper
 96 100
 61 163.5 124.6 187.0
 98 63.8 50.6 76.0





#13

Acrolein

Concen: 316.027 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

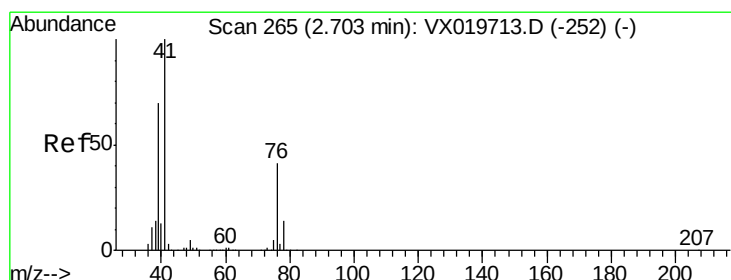
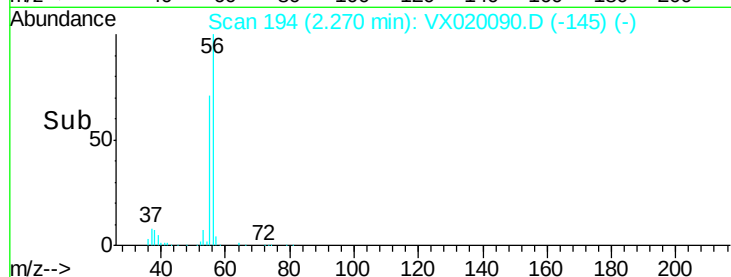
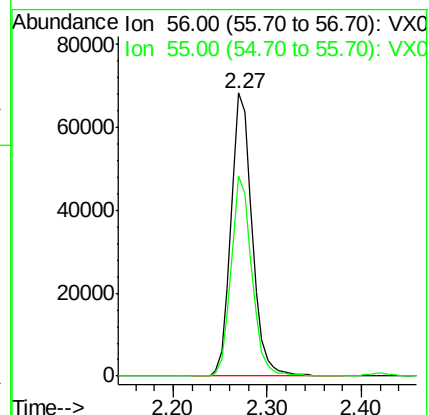
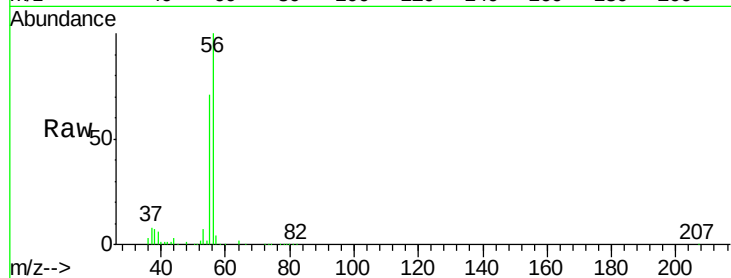
VSTDCCC050

Tgt Ion: 56 Resp: 106567

Ion Ratio Lower Upper

56 100

55 69.5 56.4 84.6



#14

Allyl chloride

Concen: 53.311 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

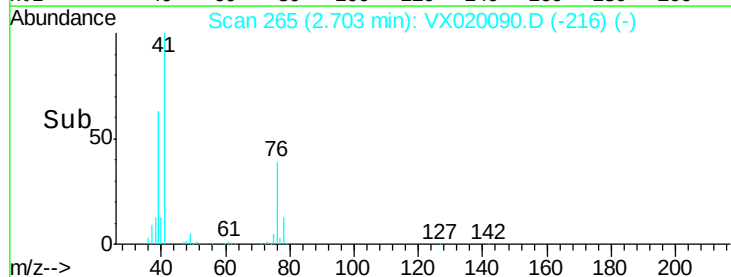
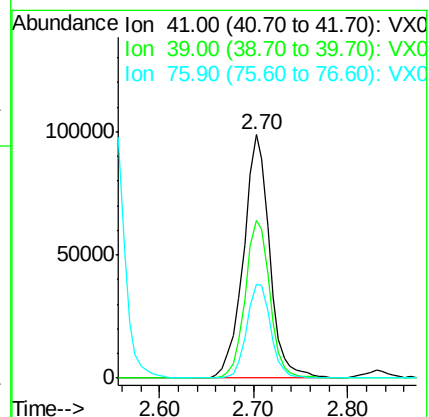
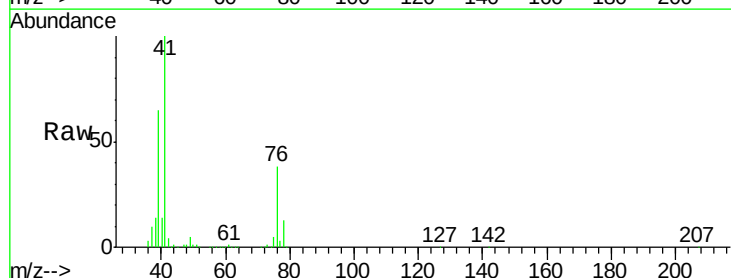
Tgt Ion: 41 Resp: 191750

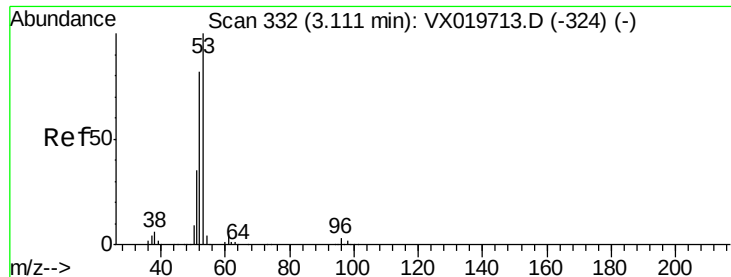
Ion Ratio Lower Upper

41 100

39 61.3 51.6 77.4

76 35.6 30.5 45.7





#15

Acrylonitrile

Concen: 306.239 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

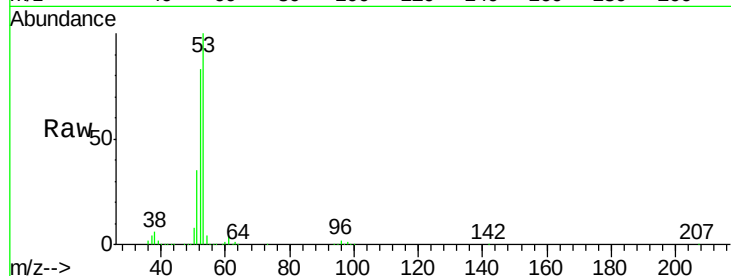
Tgt Ion: 53 Resp: 422936

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

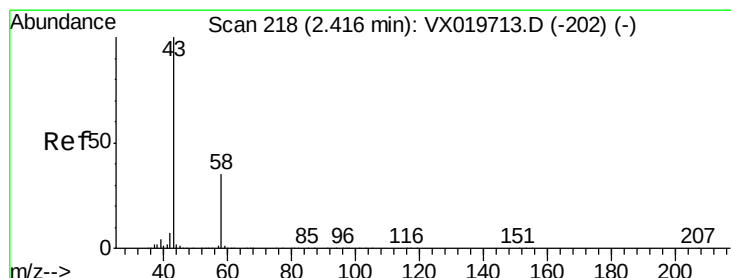
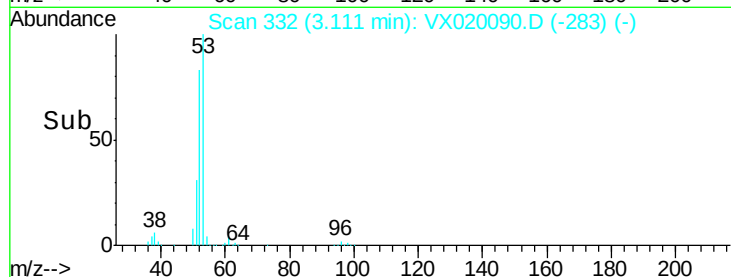
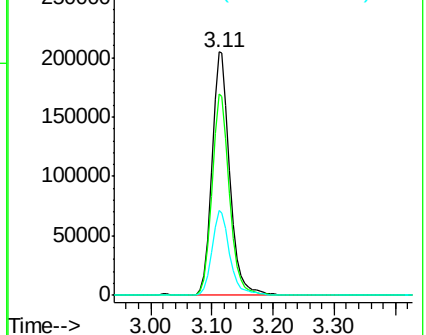
51 34.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 290.674 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020090.D

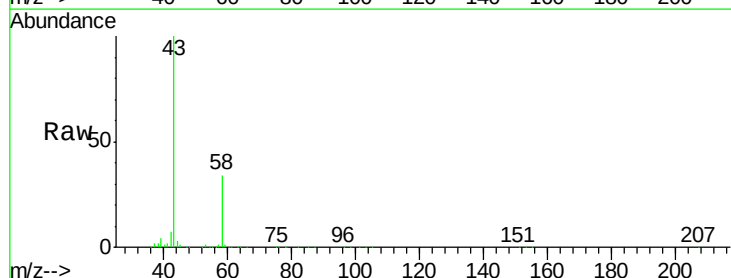
Acq: 17 Dec 2020 01:15

Tgt Ion: 43 Resp: 333776

Ion Ratio Lower Upper

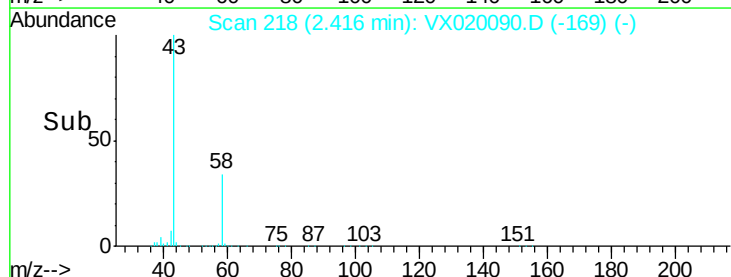
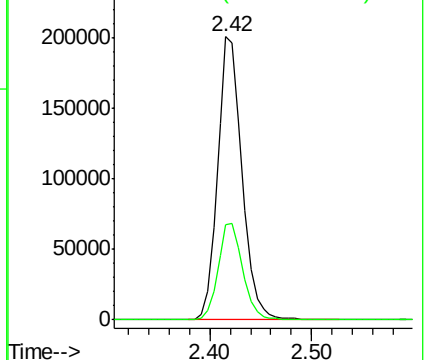
43 100

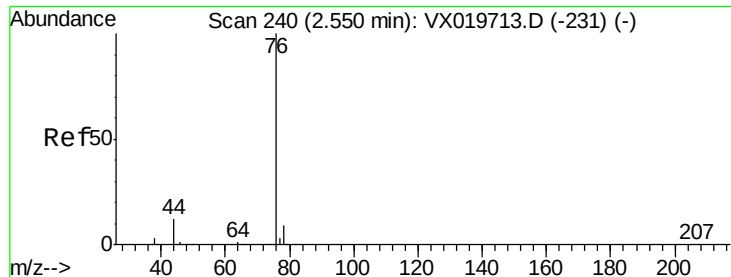
58 33.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 39.969 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

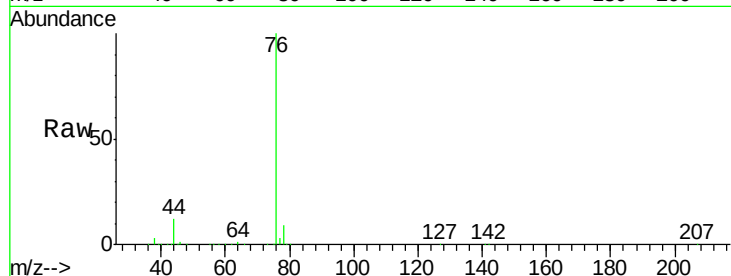
VSTDCCC050

Tgt Ion: 76 Resp: 244239

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

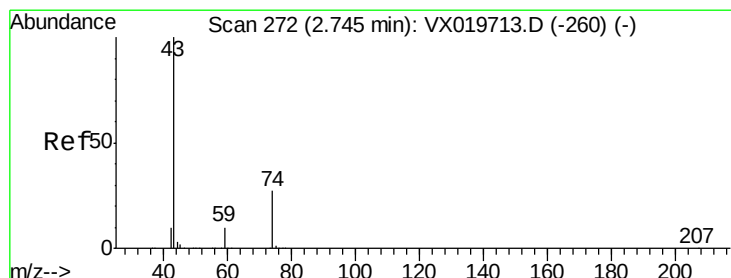
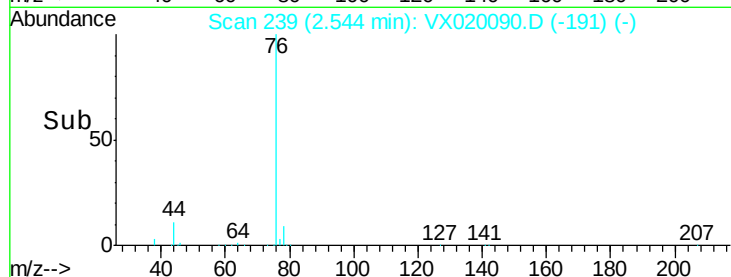
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 66.255 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX020090.D

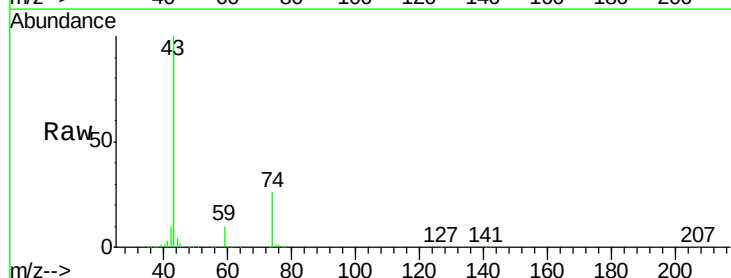
Acq: 17 Dec 2020 01:15

Tgt Ion: 43 Resp: 186172

Ion Ratio Lower Upper

43 100

74 26.9 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

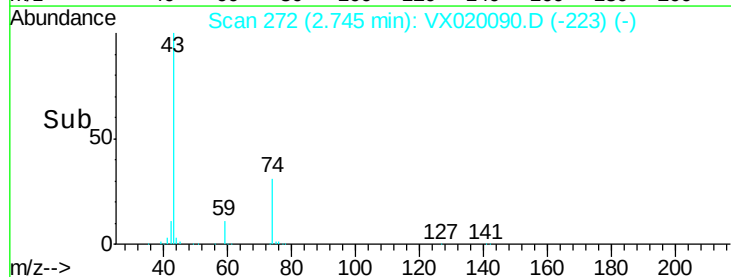
60000

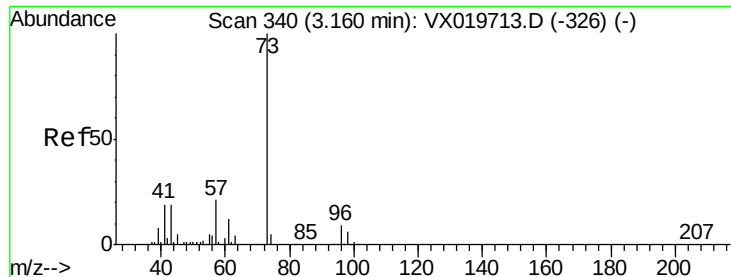
40000

20000

0

Time-->

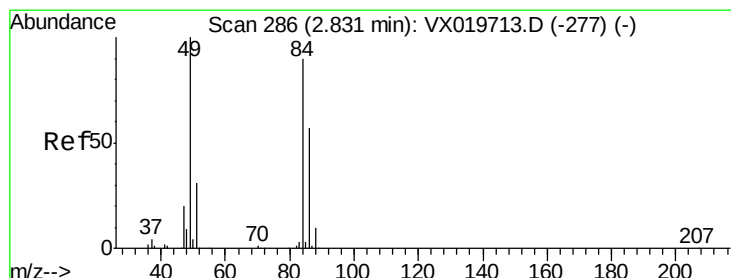
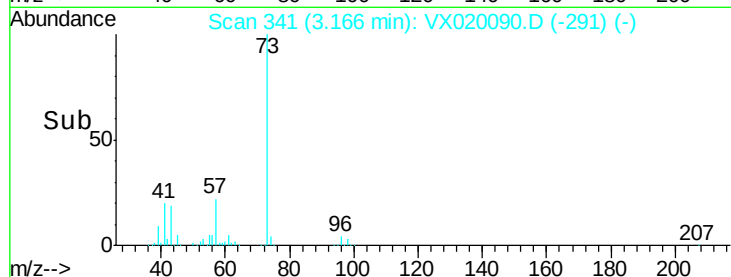
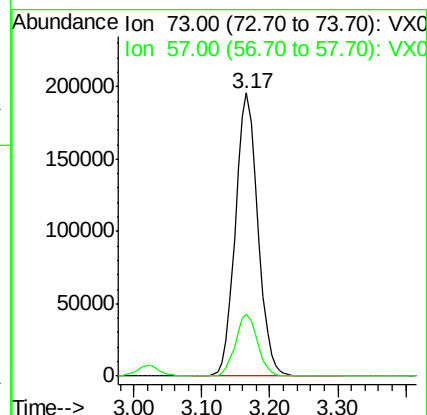
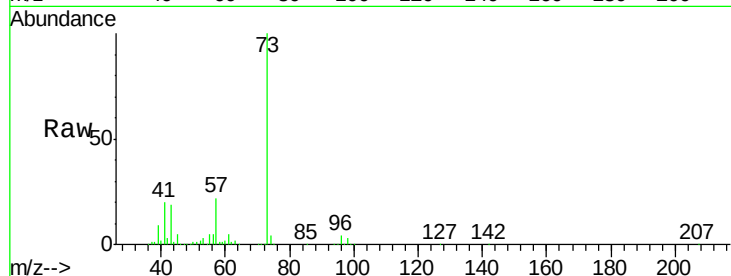




#19
Methyl tert-butyl Ether
Concen: 57.696 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

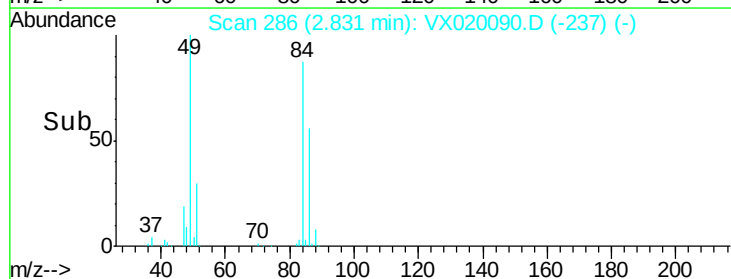
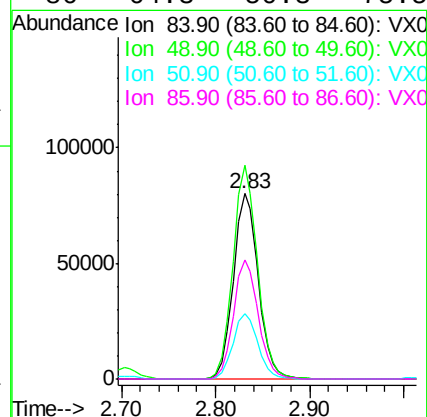
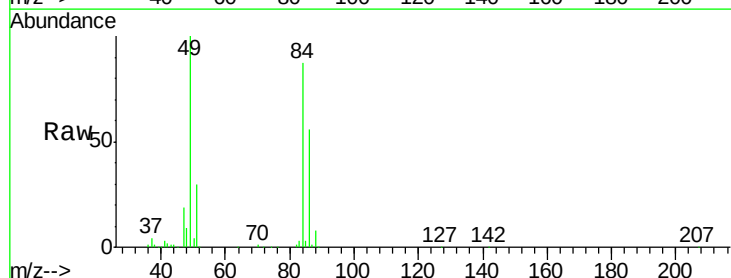
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

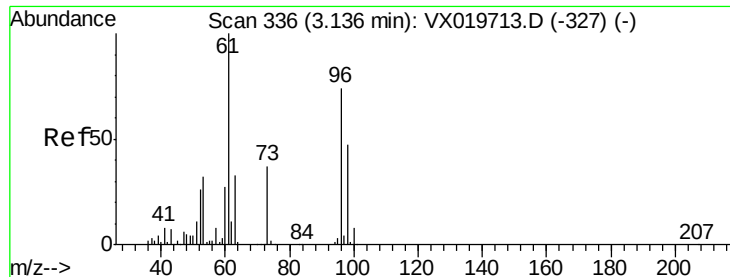
Tgt Ion: 73 Resp: 447479
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 56.338 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 84 Resp: 147218
Ion Ratio Lower Upper
84 100
49 115.2 88.6 132.8
51 35.0 27.0 40.6
86 64.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 50.872 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

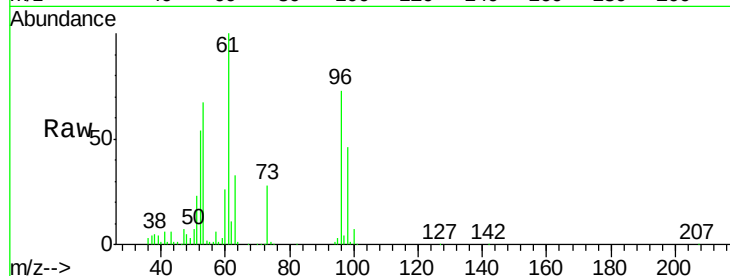
Tgt Ion: 96 Resp: 126308

Ion Ratio Lower Upper

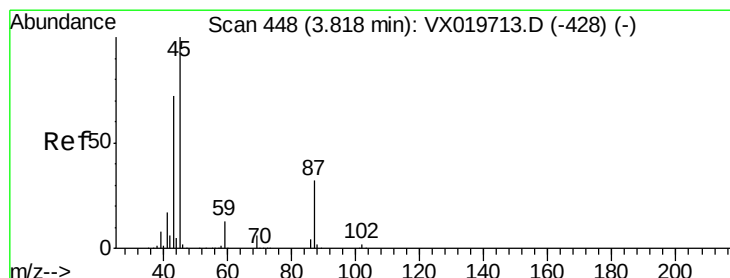
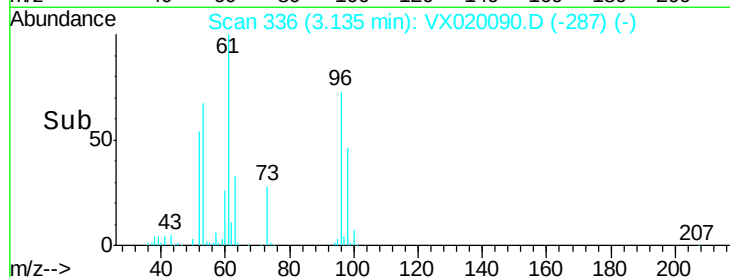
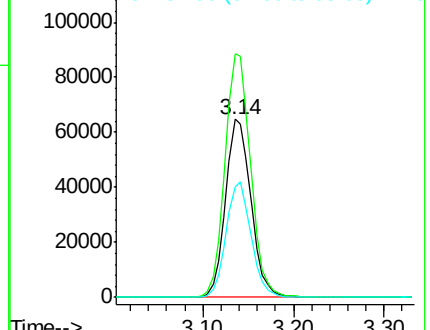
96 100

61 136.9 107.7 161.5

98 62.3 50.4 75.6



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



#22

Diisopropyl ether

Concen: 59.722 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Tgt Ion: 45 Resp: 434313

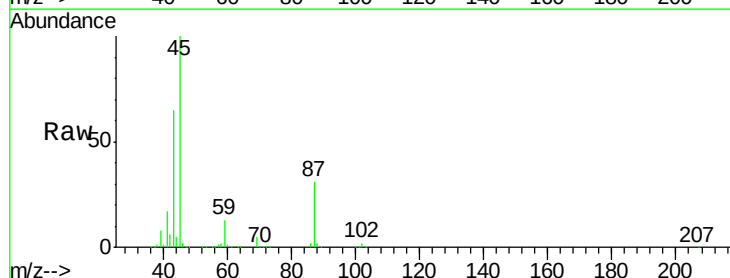
Ion Ratio Lower Upper

45 100

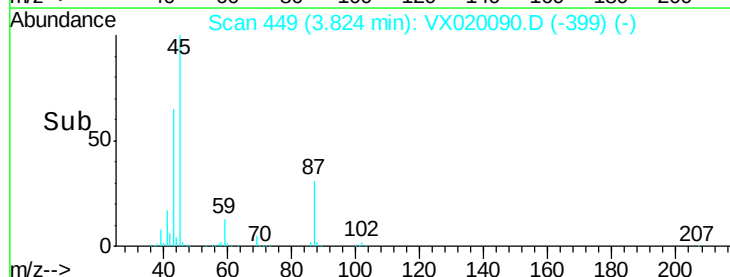
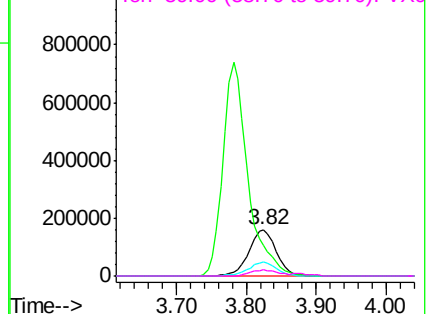
43 65.4 58.0 87.0

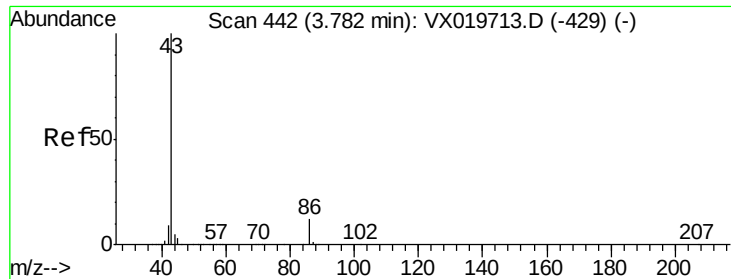
87 31.1 25.4 38.0

59 12.8 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 297.341 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

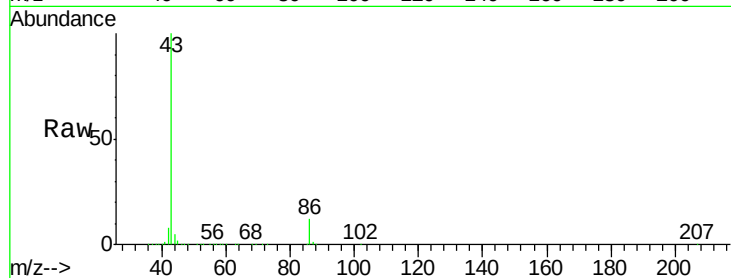
VSTDCCC050

Tgt Ion: 43 Resp: 1842211

Ion Ratio Lower Upper

43 100

86 11.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

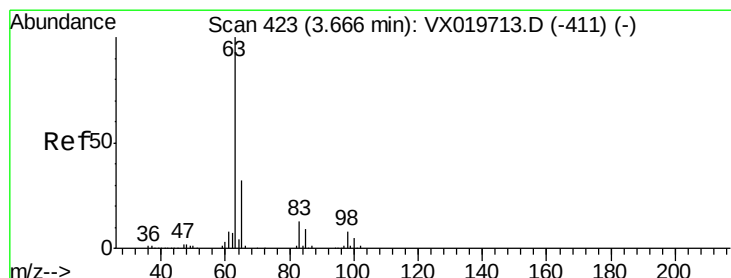
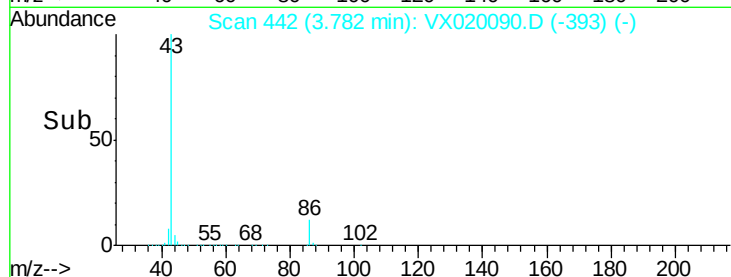
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 56.167 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

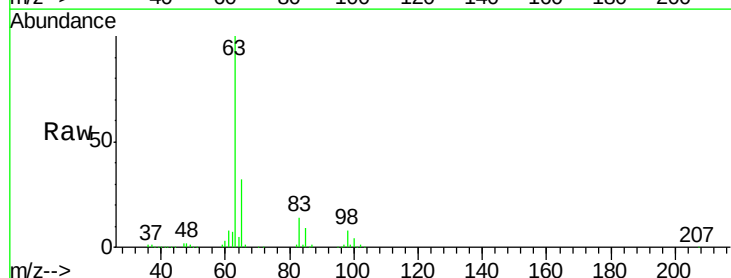
Tgt Ion: 63 Resp: 246314

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.4 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

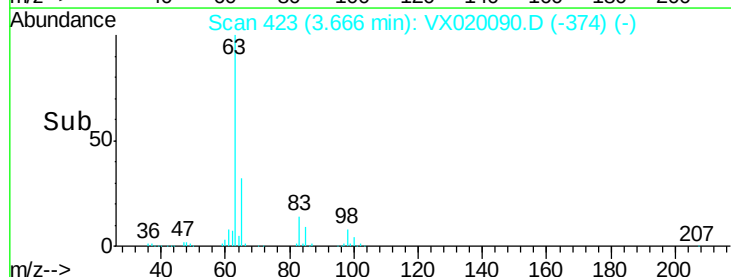
3.67

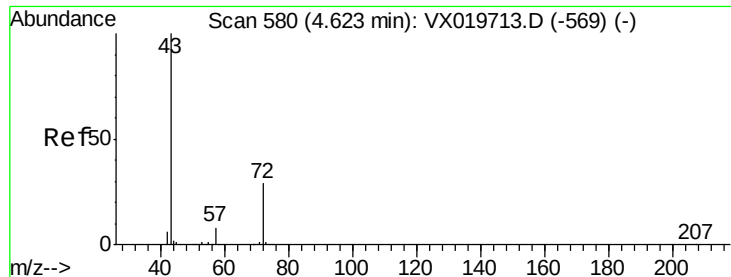
100000

50000

0

Time--> 3.50 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 303.953 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

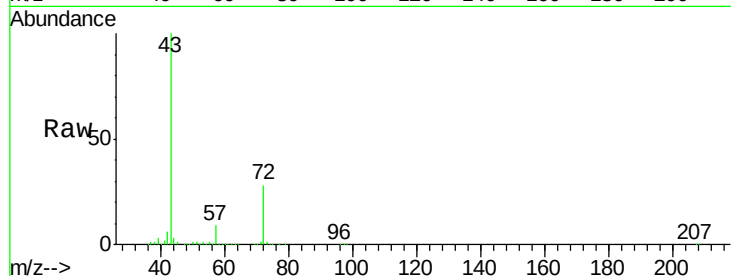
VSTDCCC050

Tgt Ion: 43 Resp: 536310

Ion Ratio Lower Upper

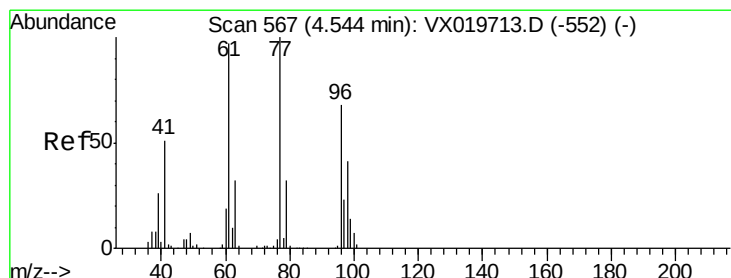
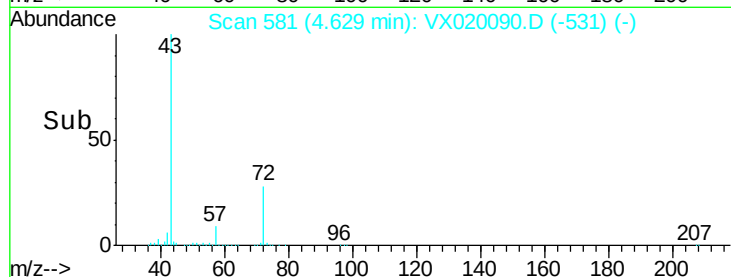
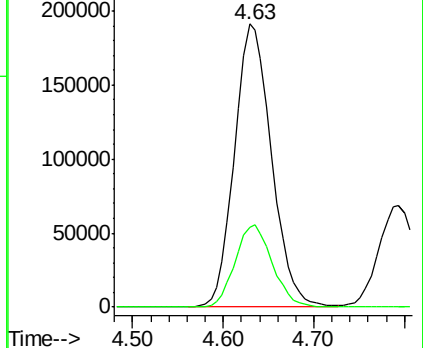
43 100

72 28.3 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.538 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX020090.D

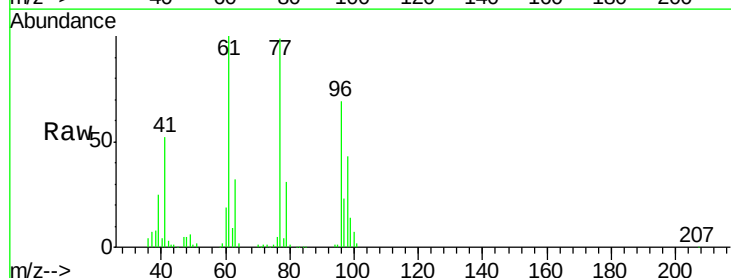
Acq: 17 Dec 2020 01:15

Tgt Ion: 77 Resp: 171975

Ion Ratio Lower Upper

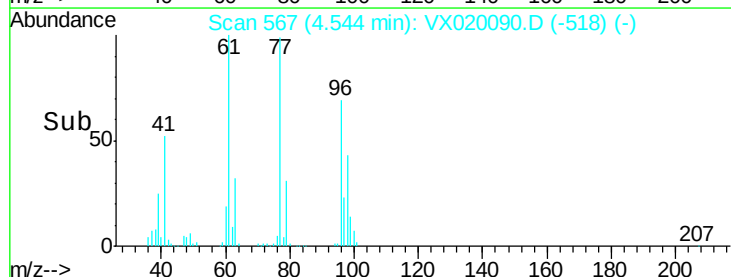
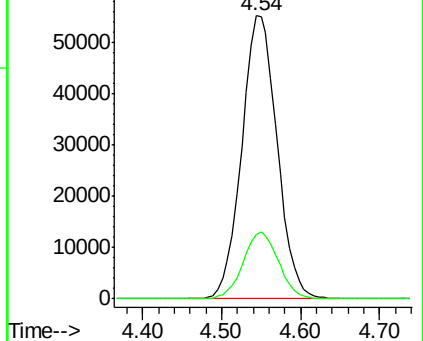
77 100

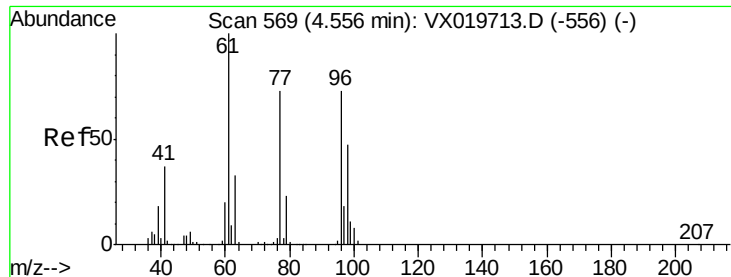
97 23.6 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



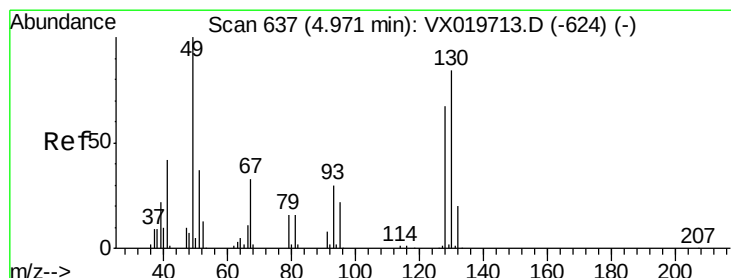
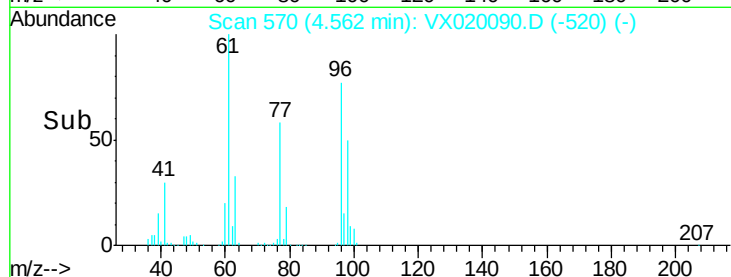
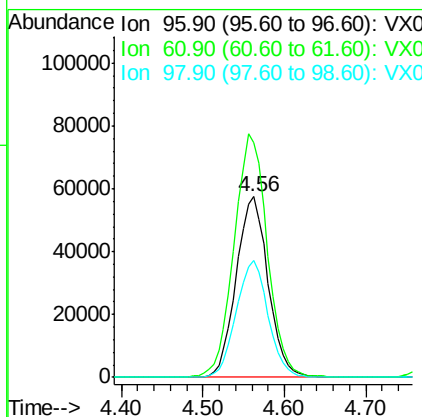
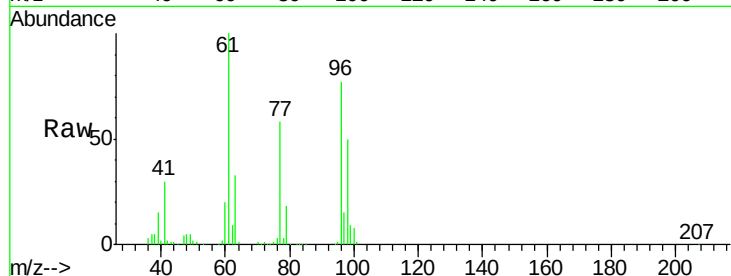


#27

cis-1,2-Dichloroethene
Concen: 53.774 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

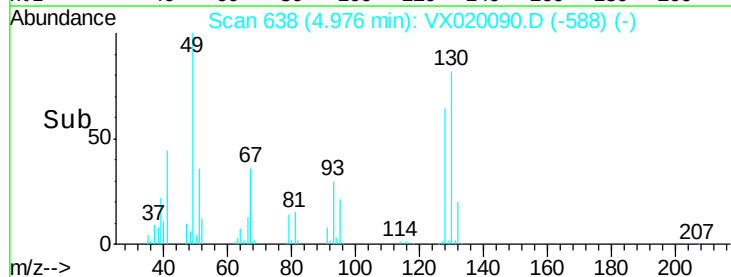
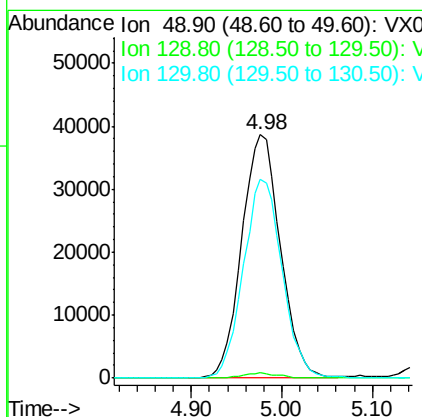
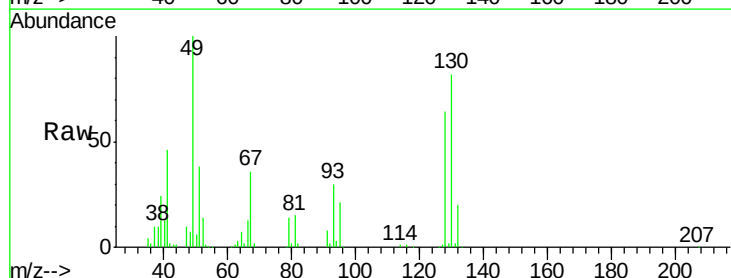
Tgt Ion: 96 Resp: 156245
Ion Ratio Lower Upper
96 100
61 140.6 0.0 285.6
98 64.5 0.0 129.6

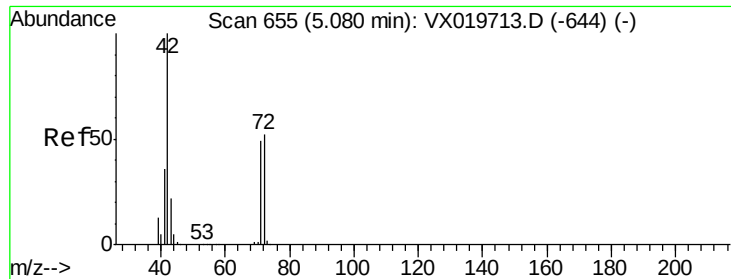


#28

Bromochloromethane
Concen: 54.778 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 49 Resp: 114515
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 81.9 68.2 102.2

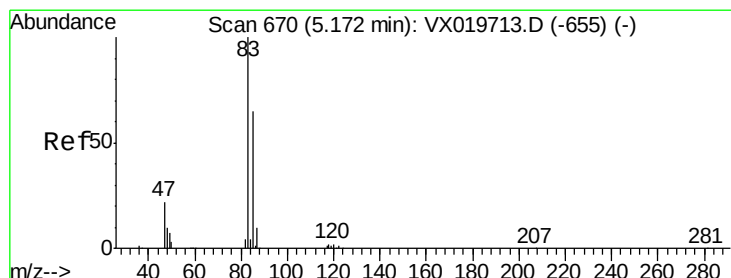
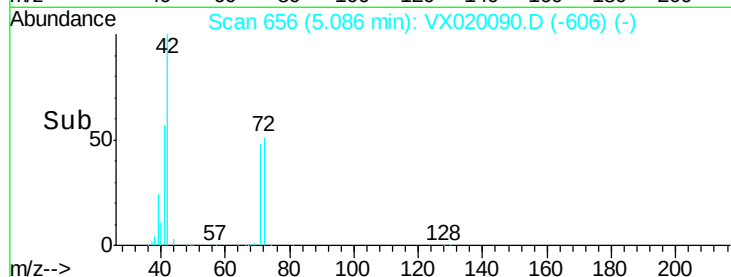
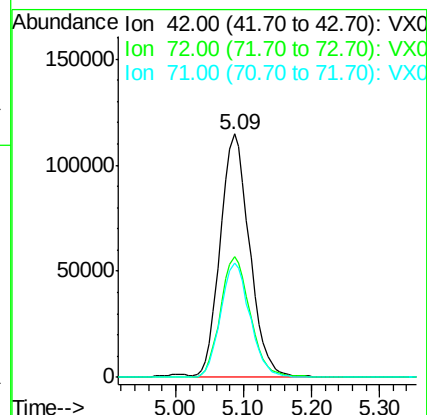
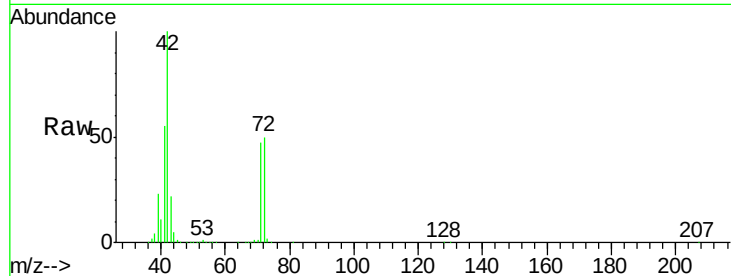




#29
Tetrahydrofuran
Concen: 301.607 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

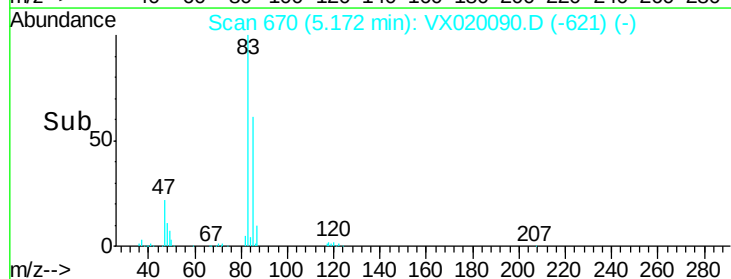
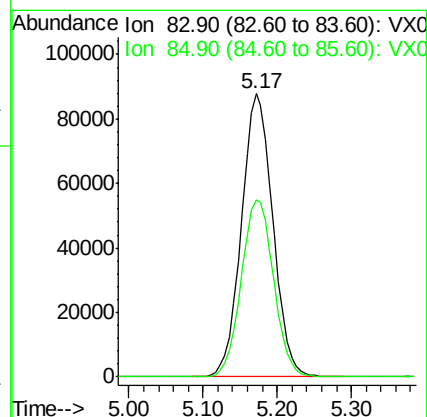
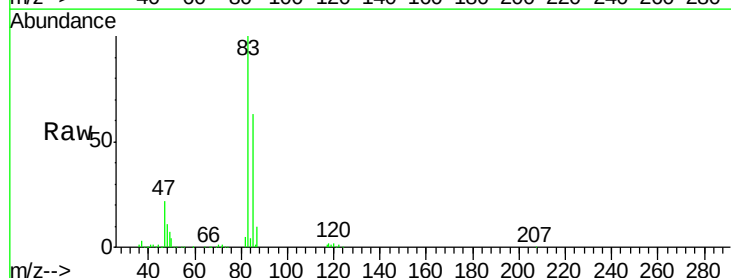
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

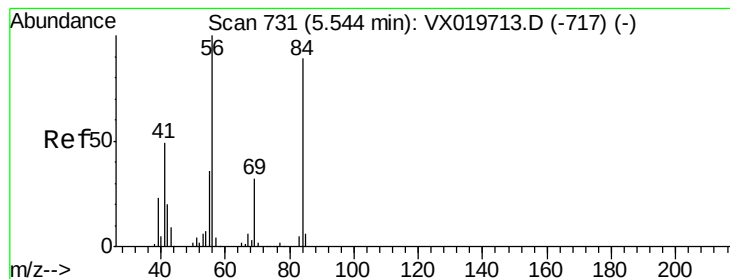
Tgt Ion: 42 Resp: 342871
Ion Ratio Lower Upper
42 100
72 50.5 41.7 62.5
71 47.0 38.4 57.6



#30
Chloroform
Concen: 57.584 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 83 Resp: 259655
Ion Ratio Lower Upper
83 100
85 62.8 52.0 78.0





#31

Cyclohexane

Concen: 47.374 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

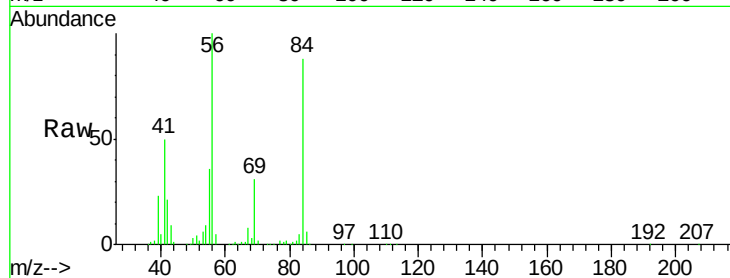
Tgt Ion: 56 Resp: 180027

Ion Ratio Lower Upper

56 100

69 31.4 25.3 37.9

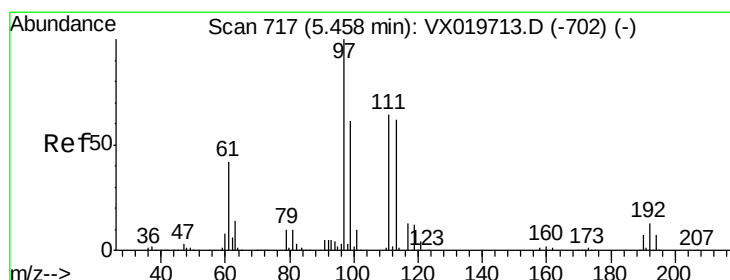
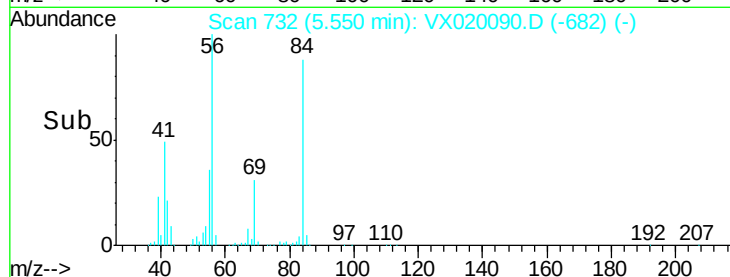
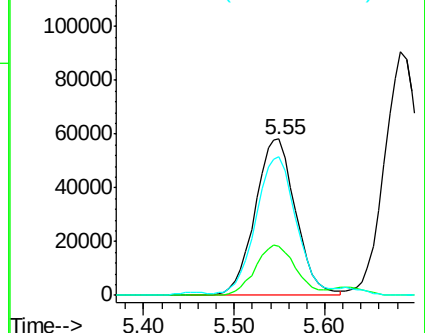
84 86.6 71.4 107.0



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: 53.212 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

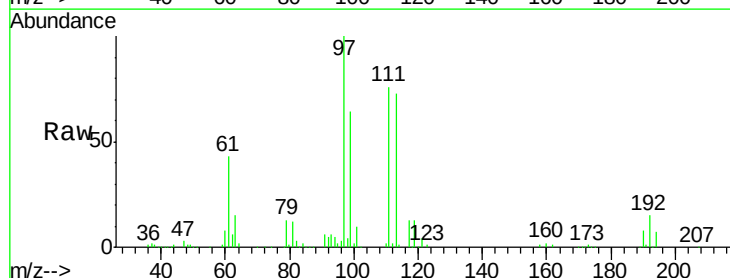
Tgt Ion: 97 Resp: 206632

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

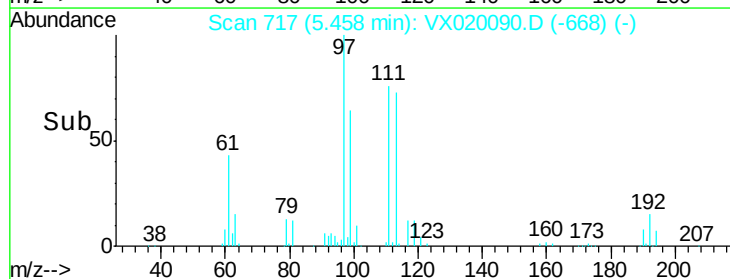
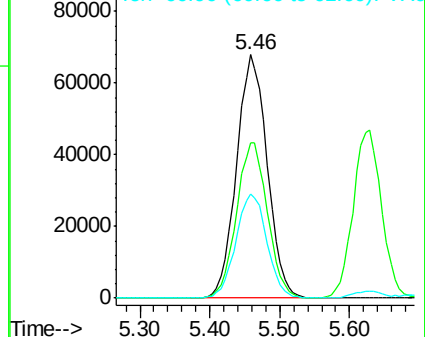
61 43.4 34.2 51.4

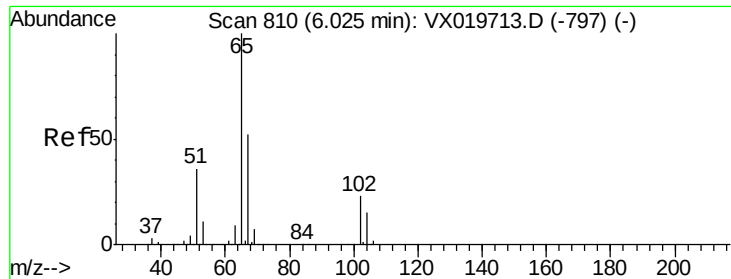


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

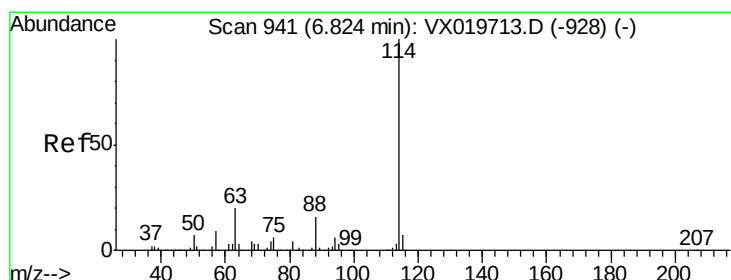
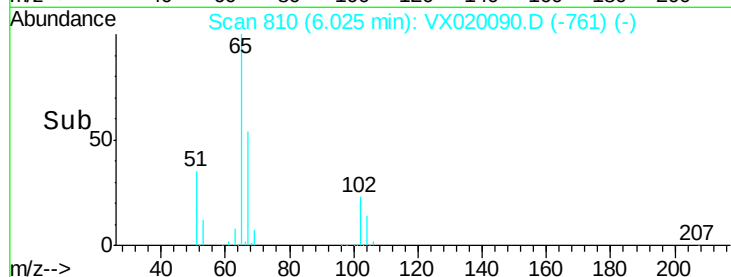
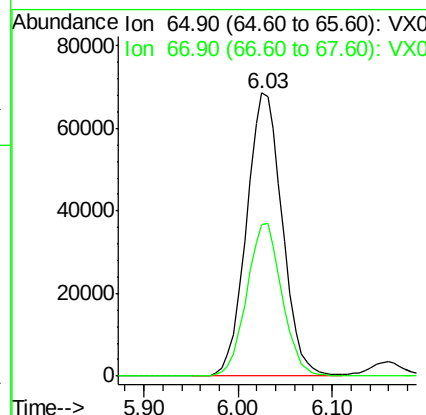
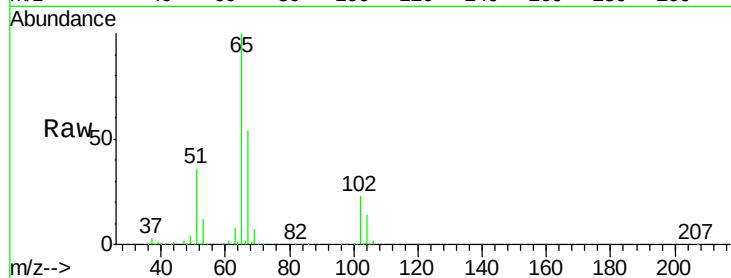




#33
 1,2-Dichloroethane-d4
 Concen: 59.713 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

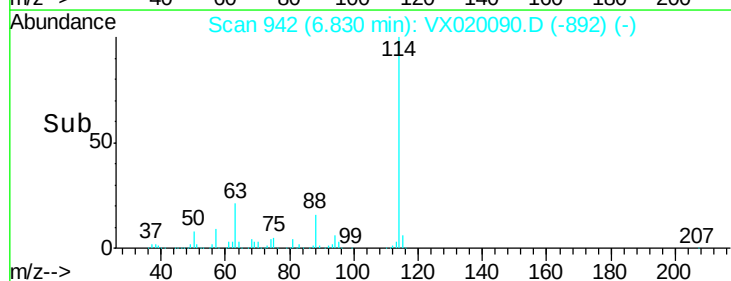
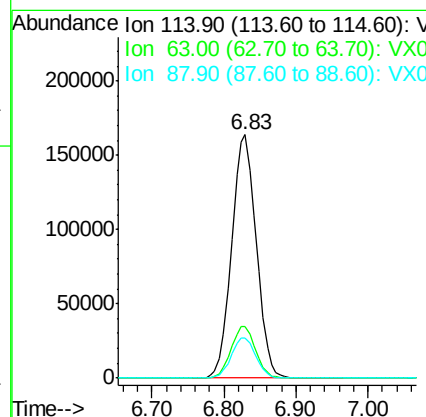
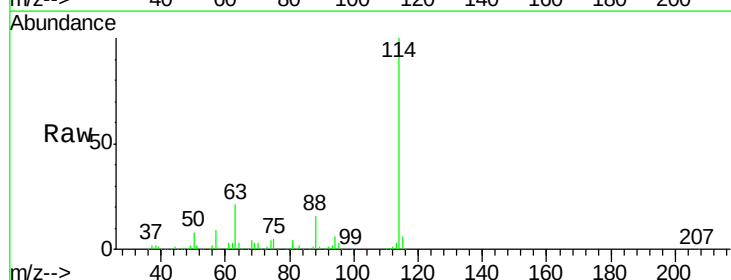
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

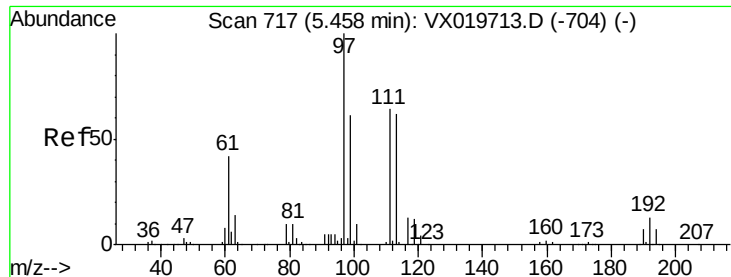
Tgt Ion: 65 Resp: 182421
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion: 114 Resp: 390141
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.8
 88 16.5 0.0 32.8

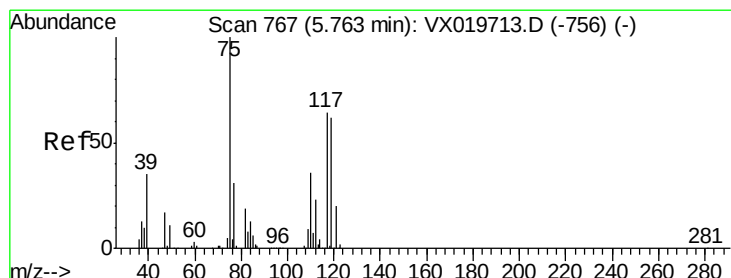
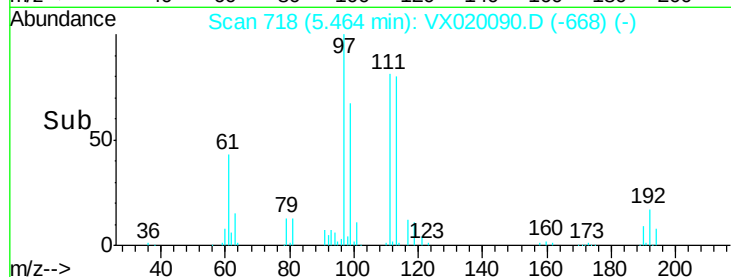
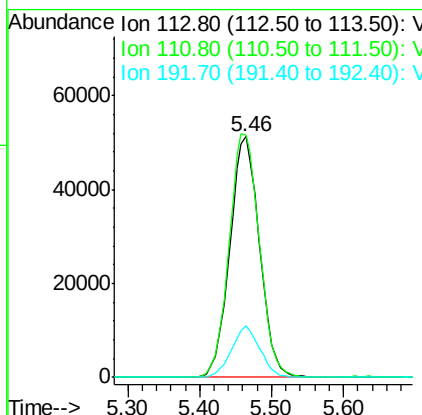
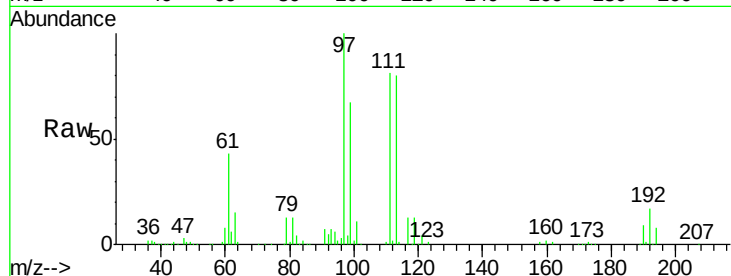




#35
Dibromofluoromethane
Concen: 58.099 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

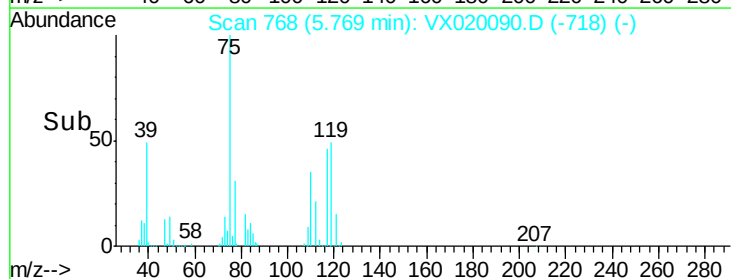
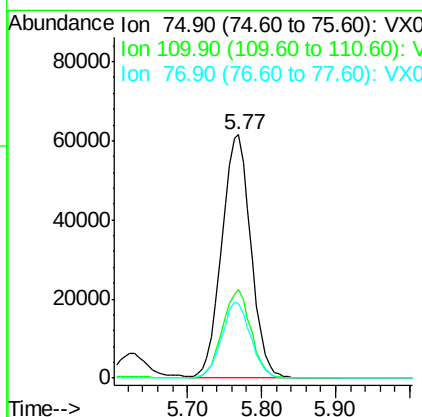
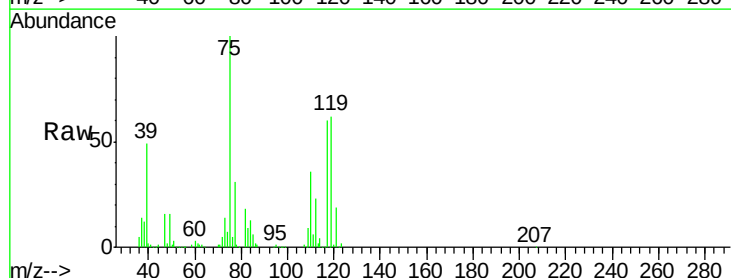
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

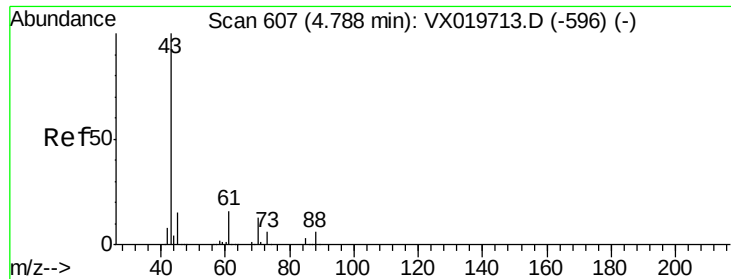
Tgt Ion:113 Resp: 146491
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 47.714 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 75 Resp: 168213
Ion Ratio Lower Upper
75 100
110 35.5 18.1 54.4
77 30.9 25.3 37.9

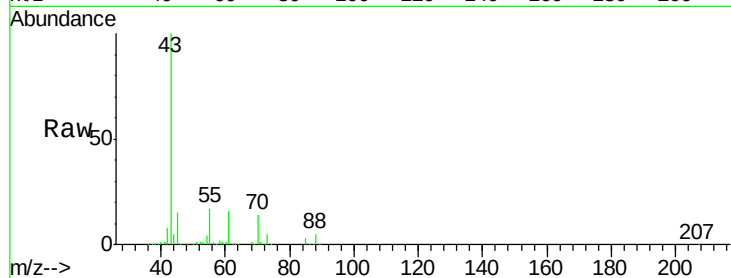




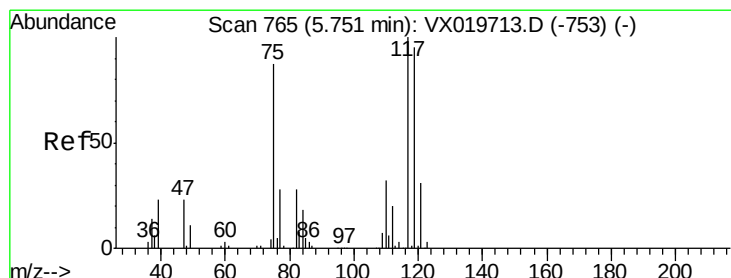
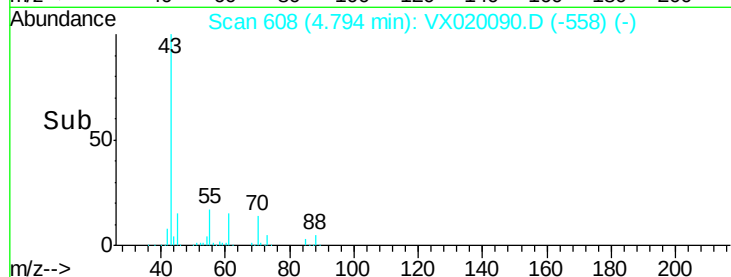
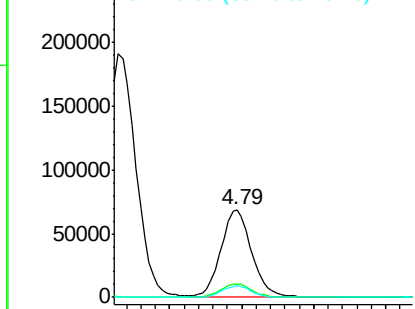
#37
Ethyl Acetate
Concen: 56.803 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 202193
Ion Ratio Lower Upper
43 100
61 15.7 12.8 19.2
70 13.1 10.5 15.7

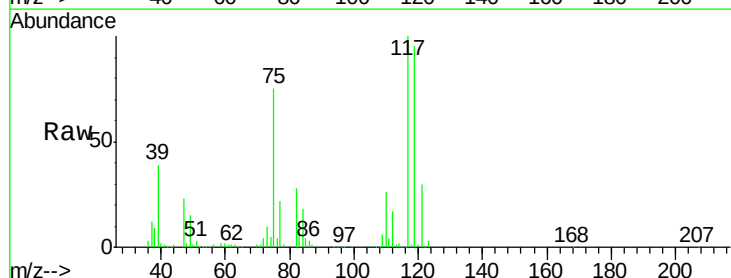


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

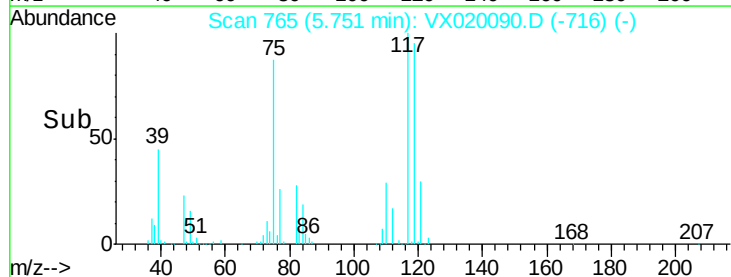
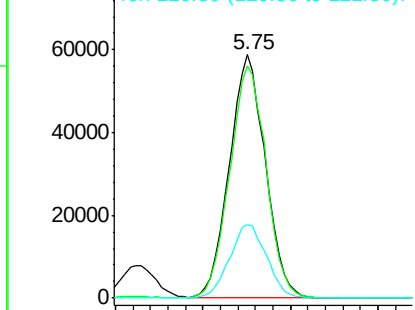


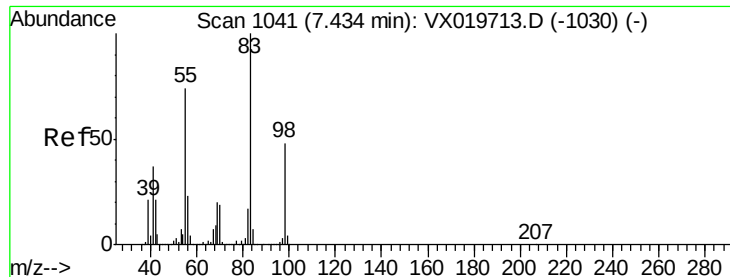
#38
Carbon Tetrachloride
Concen: 48.784 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 117 Resp: 168418
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2
121 30.0 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

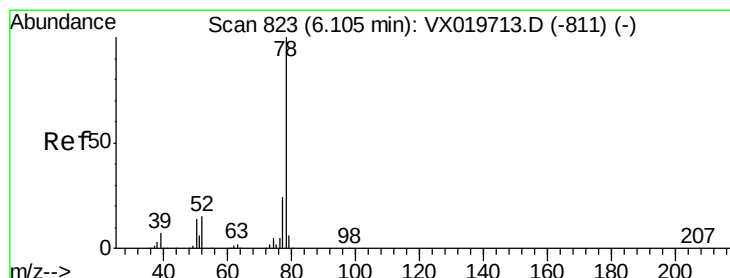
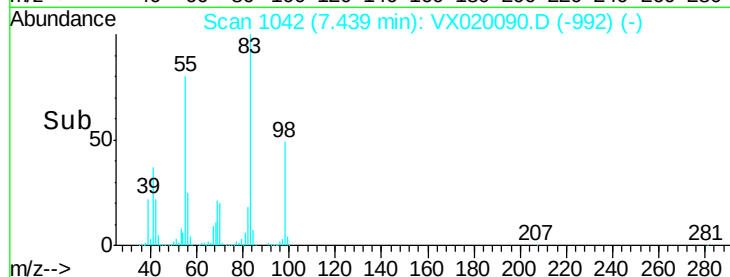
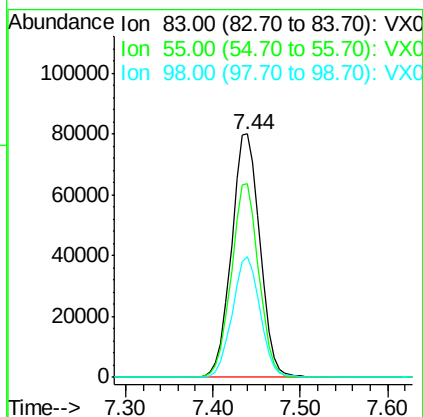
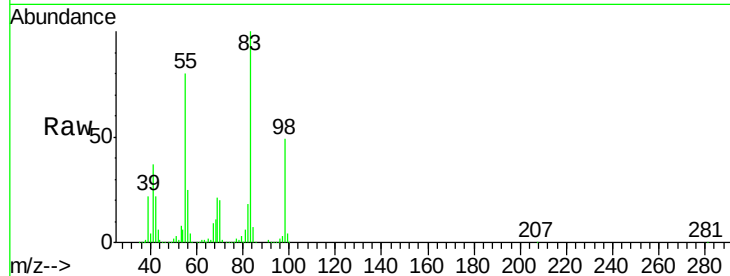




#39
Methylcyclohexane
Concen: 43.569 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

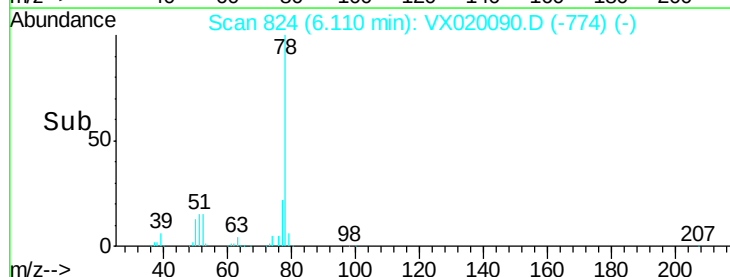
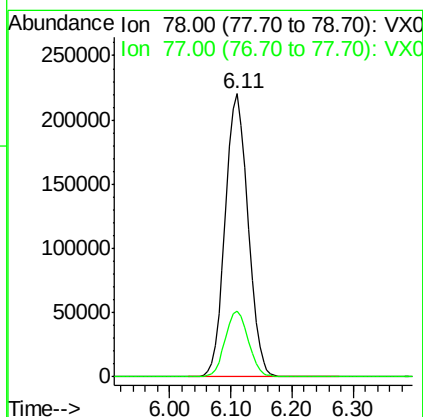
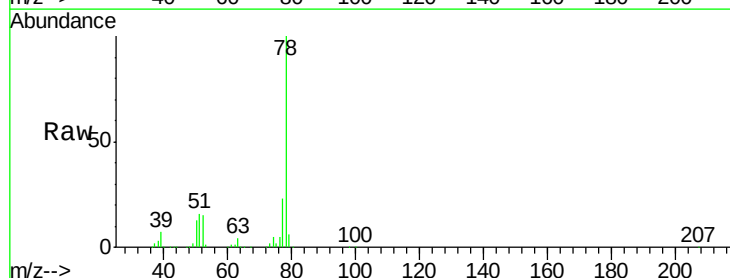
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

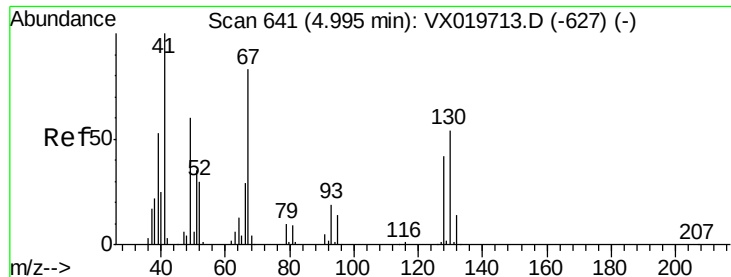
Tgt Ion: 83 Resp: 180461
Ion Ratio Lower Upper
83 100
55 79.6 58.9 88.3
98 49.4 38.1 57.1



#40
Benzene
Concen: 52.755 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 78 Resp: 568127
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

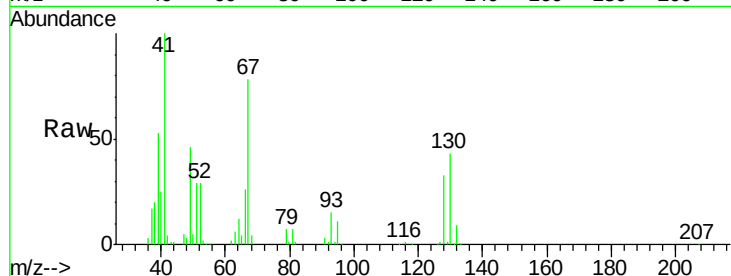




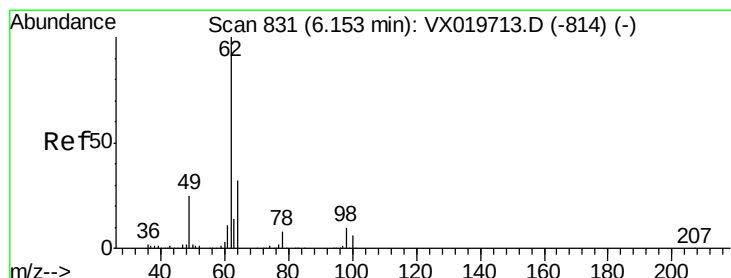
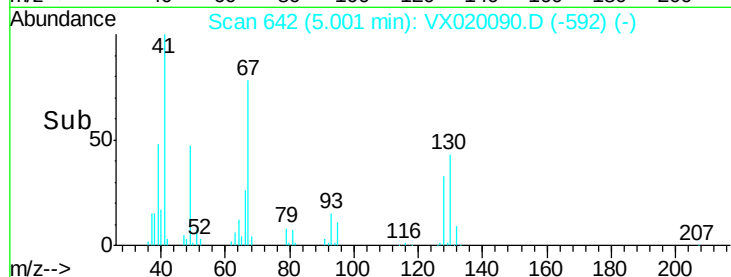
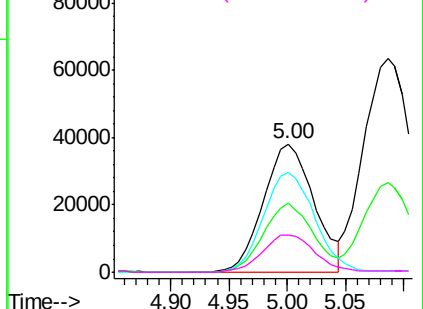
#41
Methacrylonitrile
Concen: 58.782 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	114880
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.5	63.7
67	79.5	65.0	97.6
52	30.4	25.3	37.9

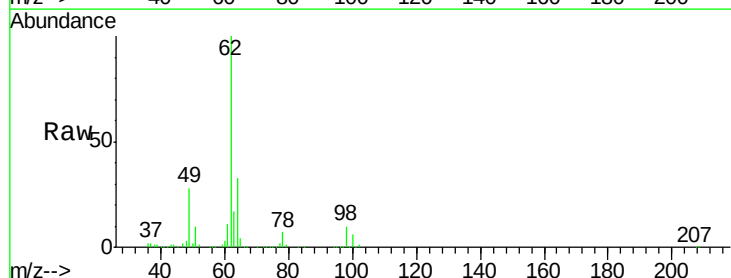


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

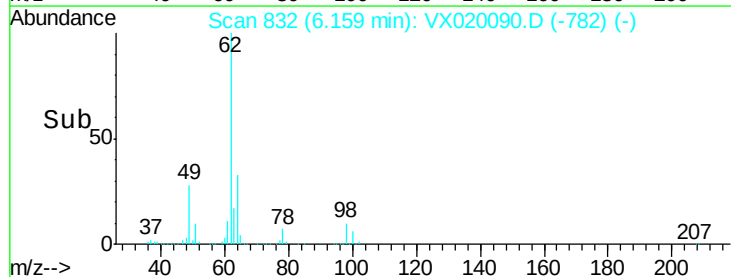
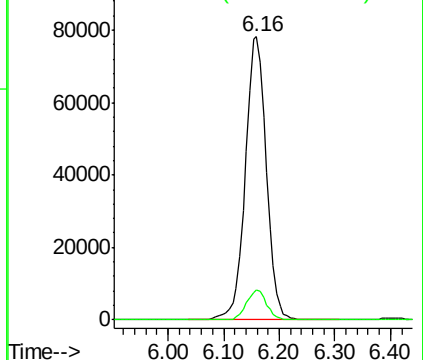


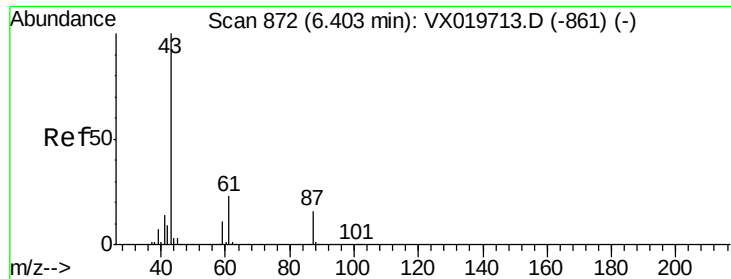
#42
1,2-Dichloroethane
Concen: 55.744 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion:	62	Resp:	205108
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2



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



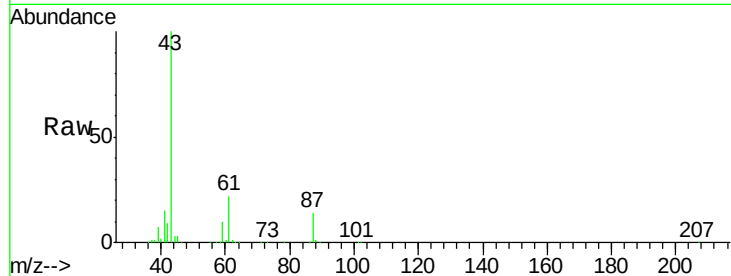


#43

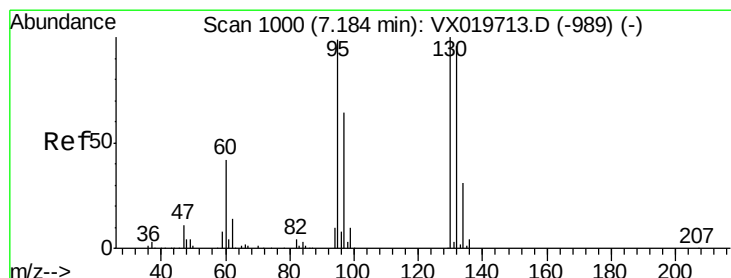
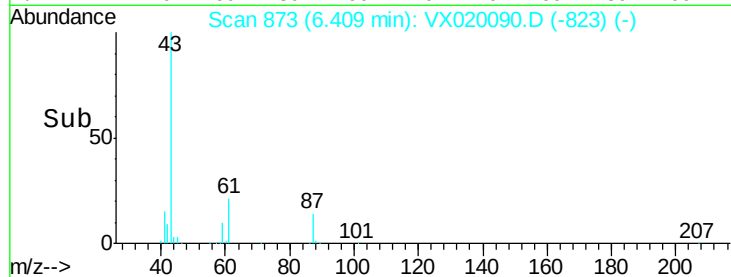
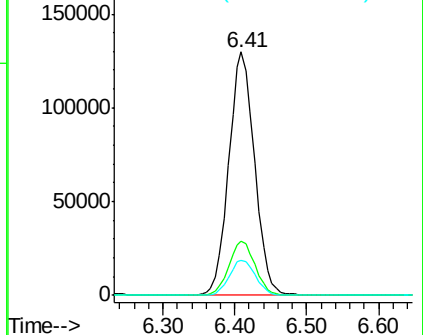
Isopropyl Acetate
 Concen: 55.646 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 322027
 Ion Ratio Lower Upper
 43 100
 61 22.6 18.2 27.4
 87 14.8 12.5 18.7



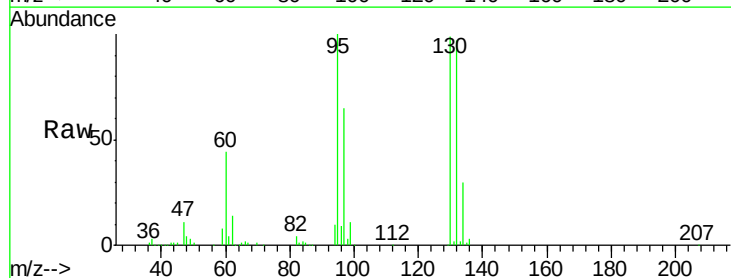
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



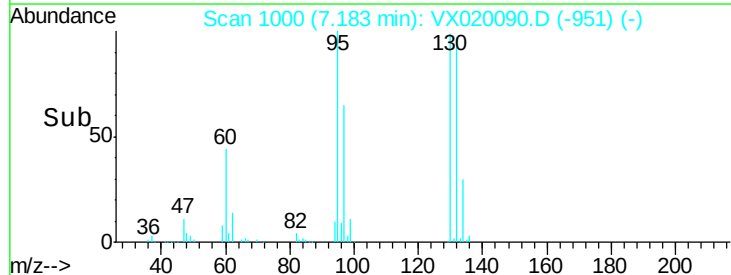
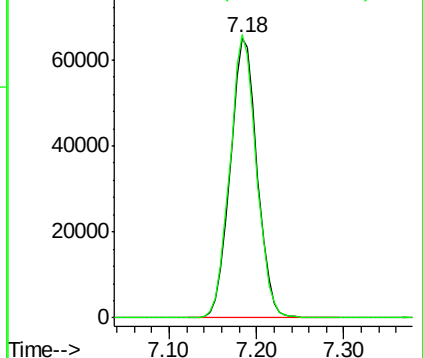
#44

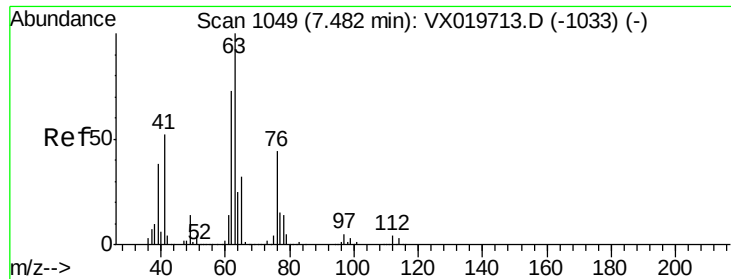
Trichloroethene
 Concen: 49.306 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion: 130 Resp: 139317
 Ion Ratio Lower Upper
 130 100
 95 101.1 0.0 198.0



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

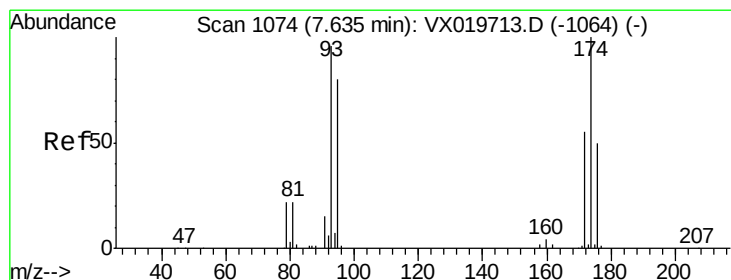
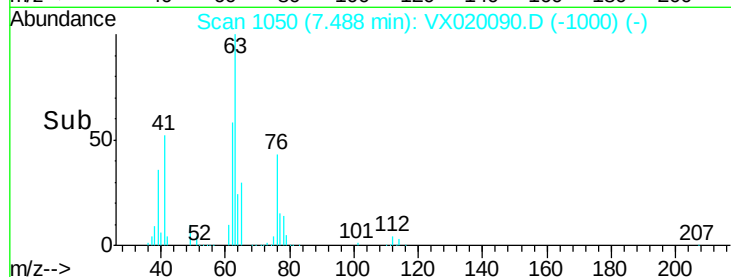
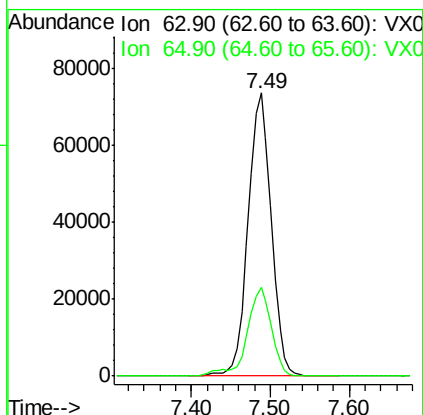
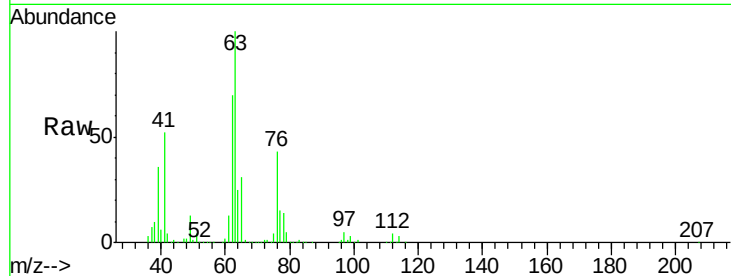




#45
 1,2-Dichloropropane
 Concen: 55.927 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

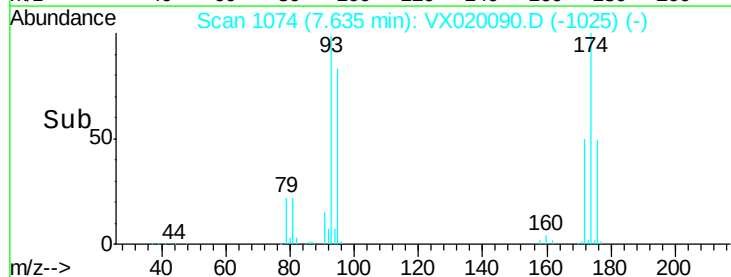
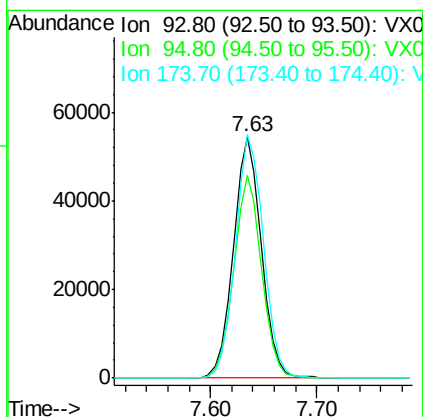
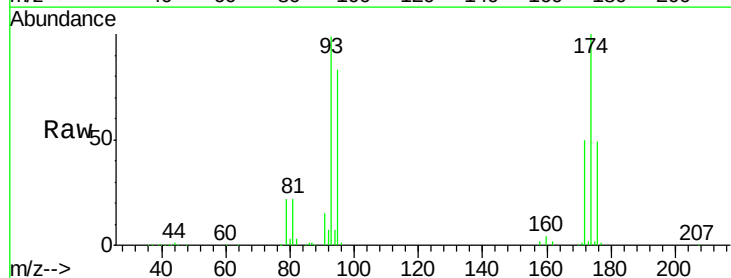
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

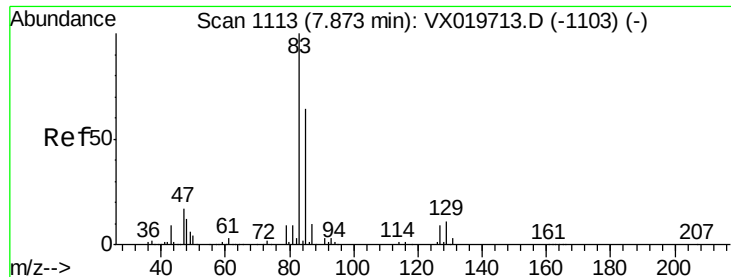
Tgt Ion: 63 Resp: 150529
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.7 38.5



#46
 Dibromomethane
 Concen: 55.232 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion: 93 Resp: 100391
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.8 100.2
 174 101.6 83.1 124.7





#47

Bromodichloromethane

Concen: 55.818 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

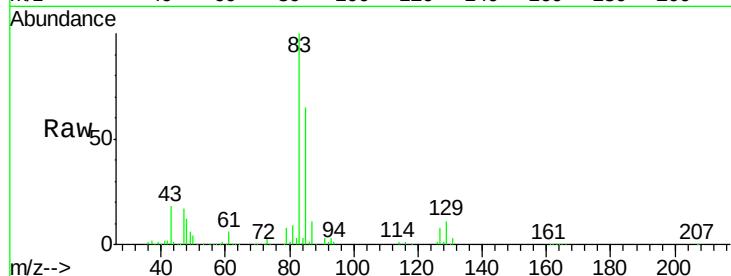
Tgt Ion: 83 Resp: 201322

Ion Ratio Lower Upper

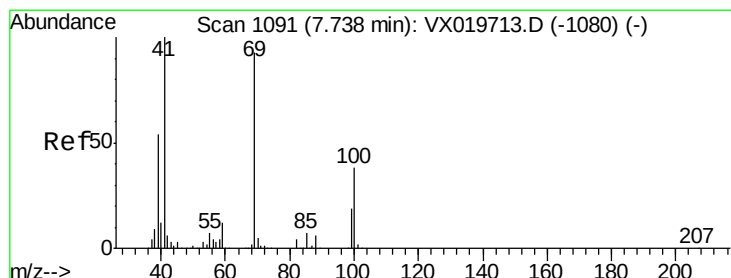
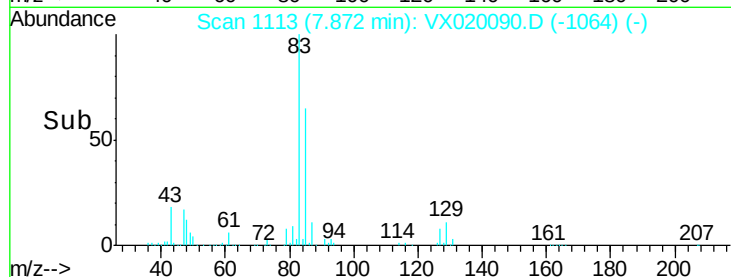
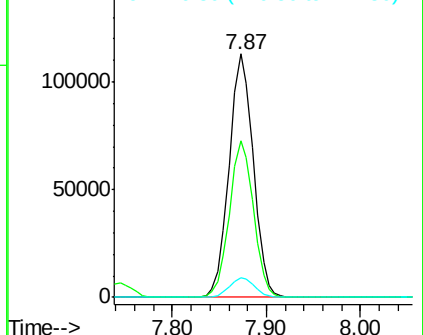
83 100

85 64.6 51.4 77.0

127 8.3 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: 56.774 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

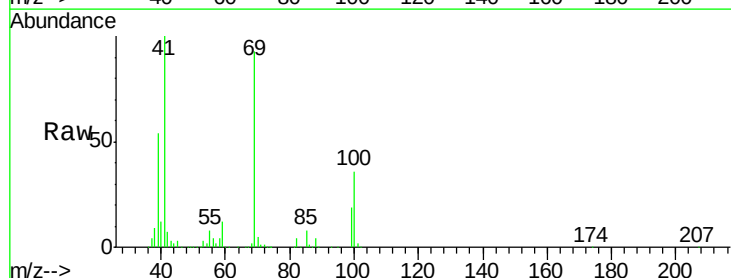
Tgt Ion: 41 Resp: 161587

Ion Ratio Lower Upper

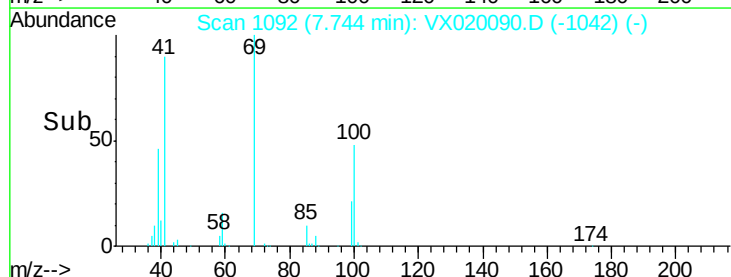
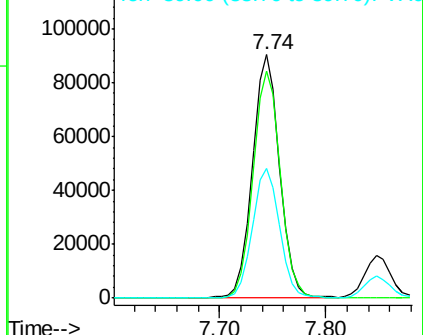
41 100

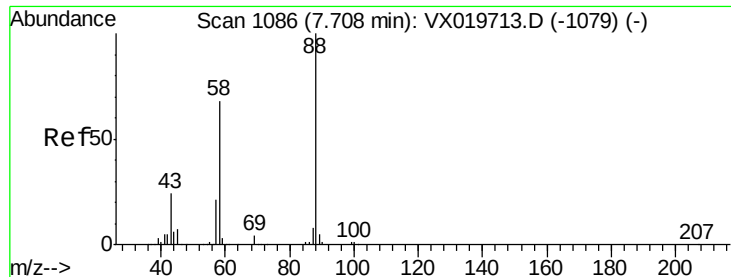
69 93.9 76.0 114.0

39 53.6 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

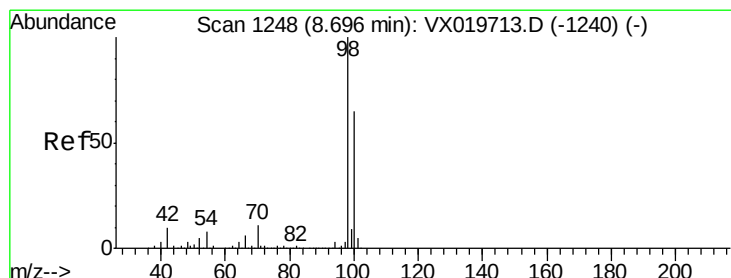
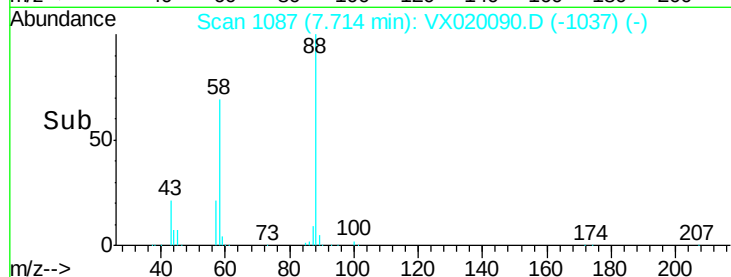
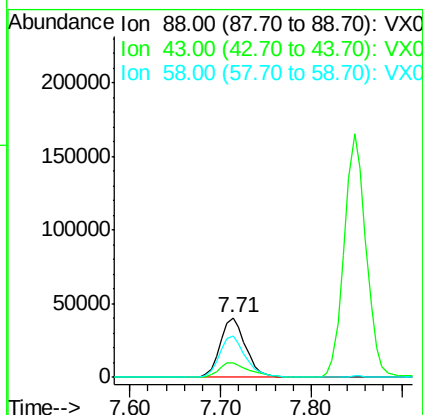
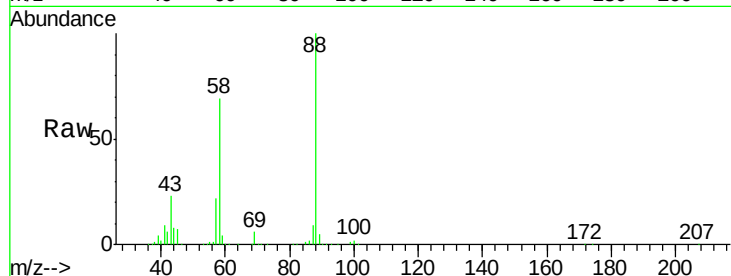




#49
1,4-Dioxane
Concen: 1139.952 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

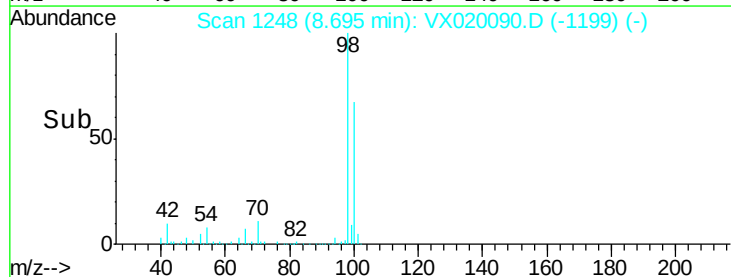
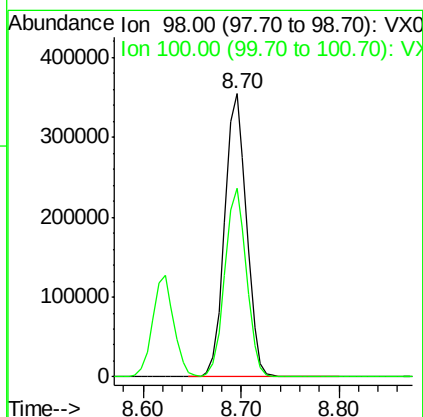
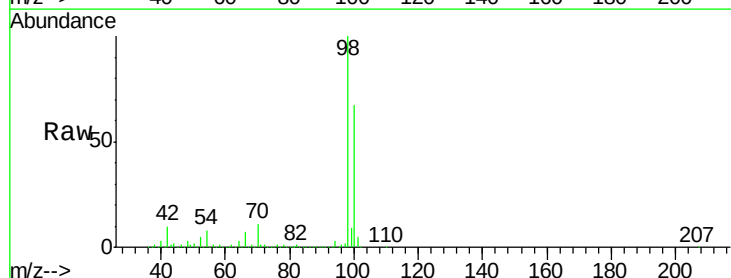
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

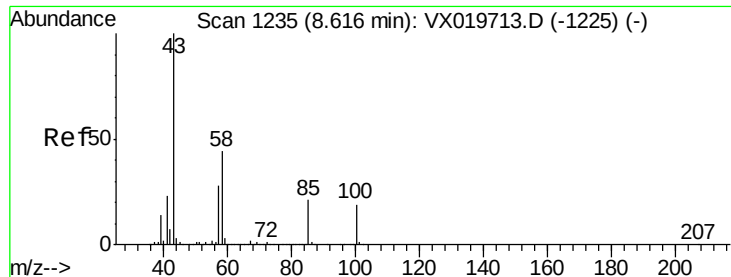
Tgt Ion: 88 Resp: 78596
Ion Ratio Lower Upper
88 100
43 28.9 23.2 34.8
58 71.3 55.0 82.4



#50
Toluene-d8
Concen: 56.966 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 98 Resp: 548364
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

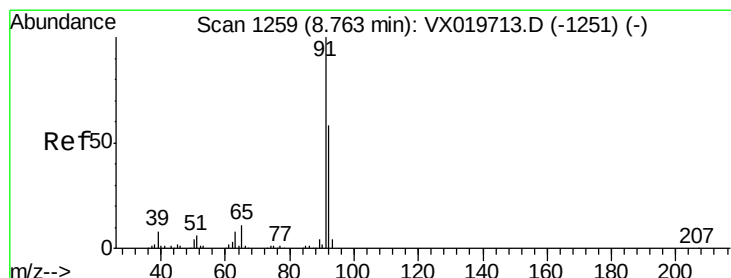
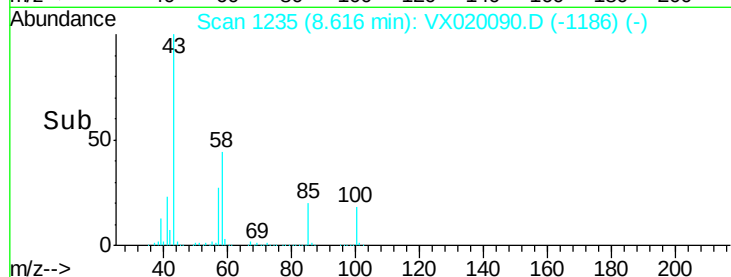
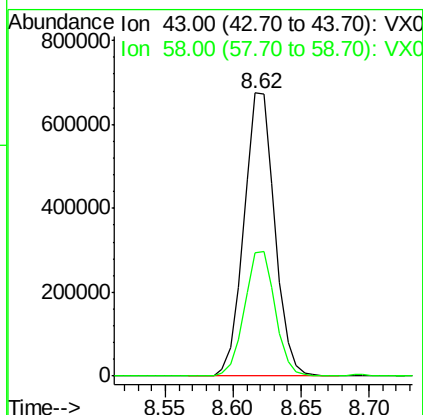
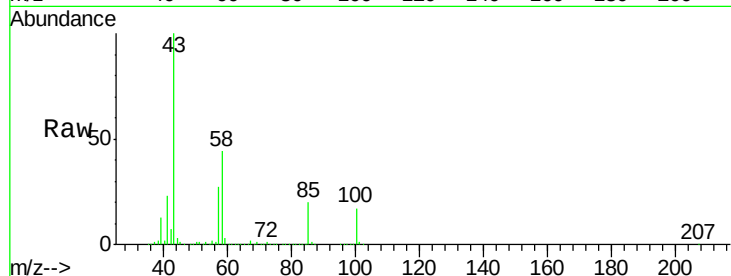




#51
 4-Methyl-2-Pentanone
 Concen: 301.951 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

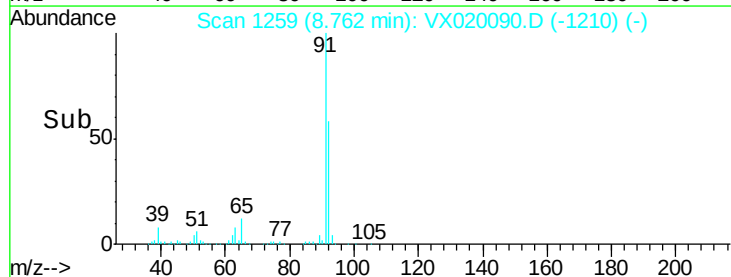
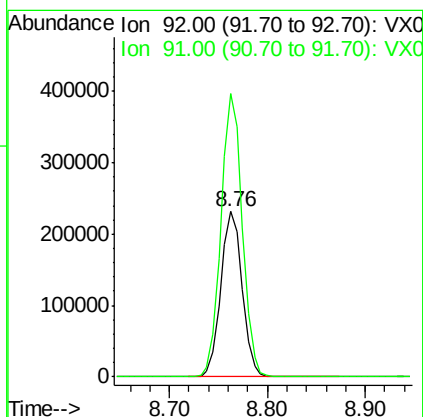
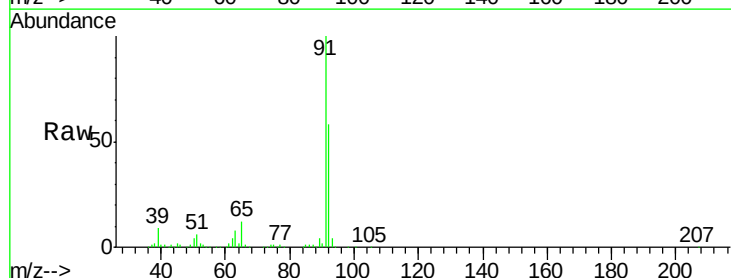
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

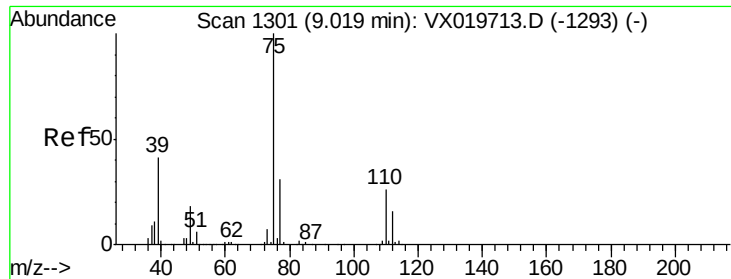
Tgt Ion: 43 Resp: 1066850
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.4 53.0



#52
 Toluene
 Concen: 51.999 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion: 92 Resp: 350235
 Ion Ratio Lower Upper
 92 100
 91 170.6 137.1 205.7

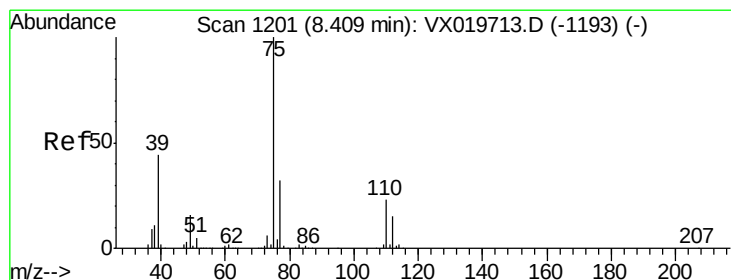
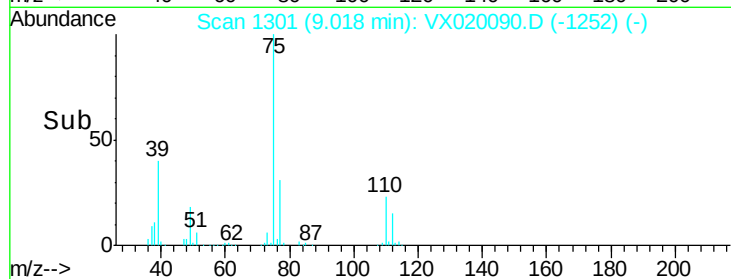
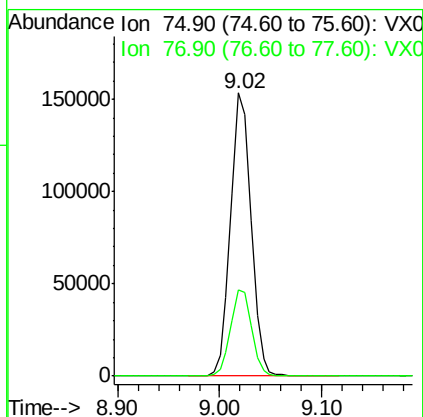
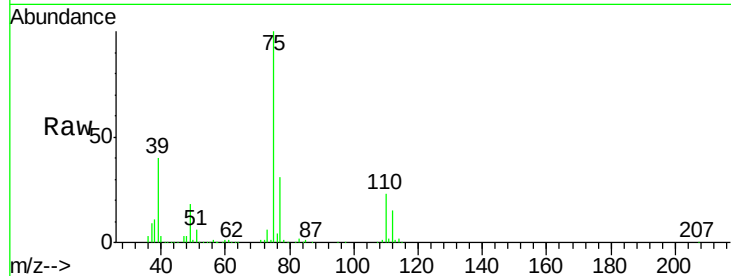




#53
t-1,3-Dichloropropene
Concen: 53.355 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

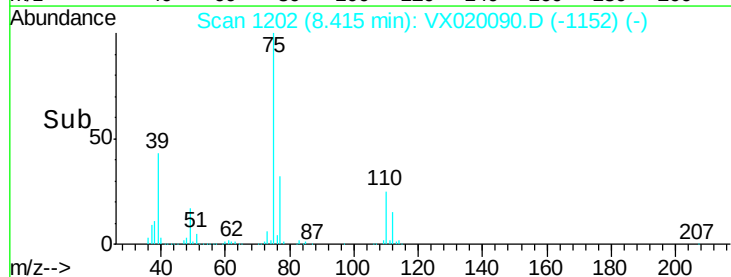
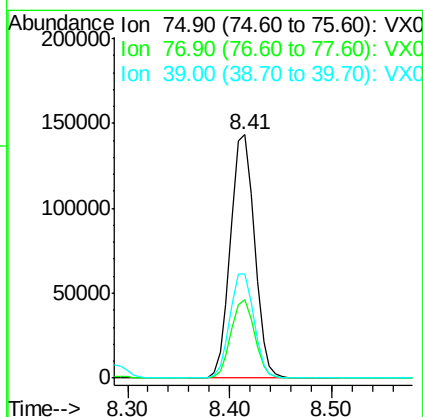
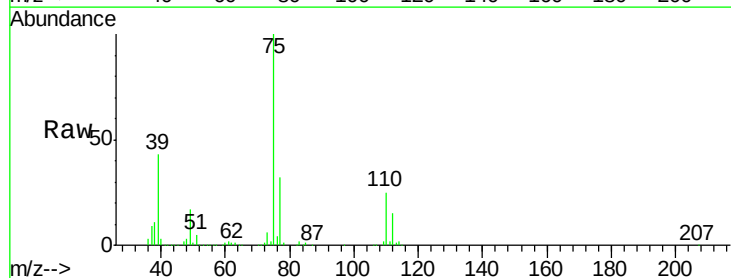
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

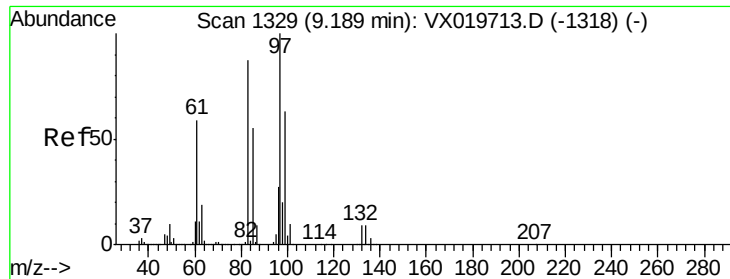
Tgt Ion: 75 Resp: 213546
Ion Ratio Lower Upper
75 100
77 30.6 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 53.631 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 75 Resp: 233196
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
39 42.8 35.1 52.7

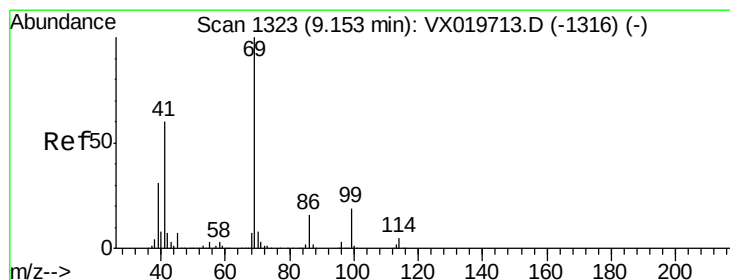
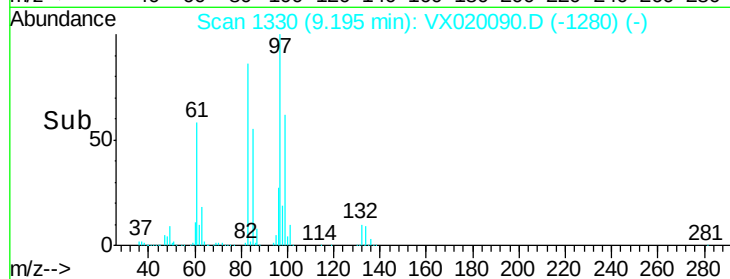
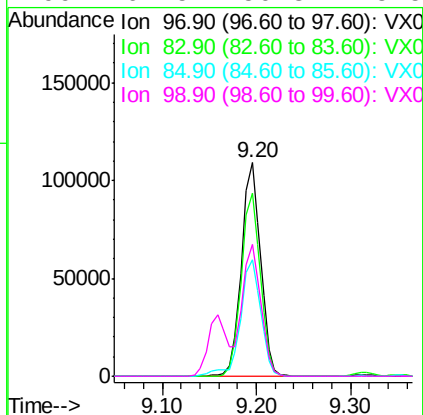
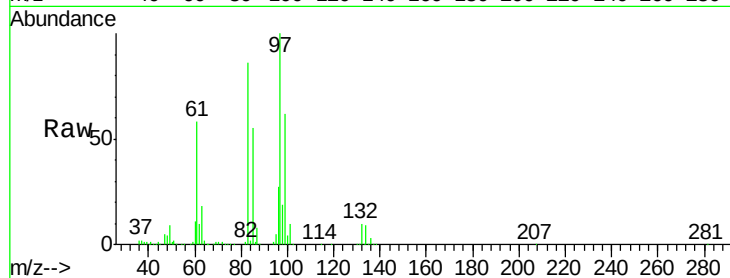




#55
 1,1,2-Trichloroethane
 Concen: 57.160 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

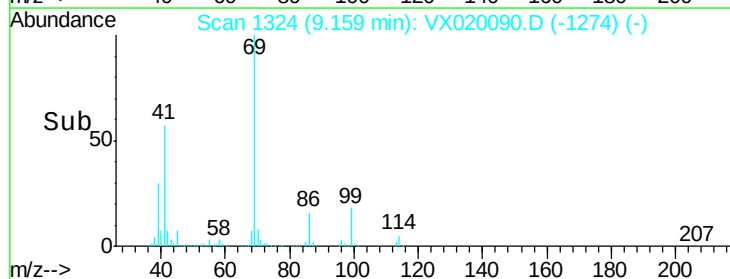
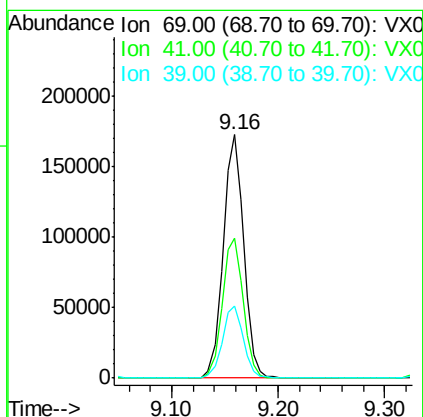
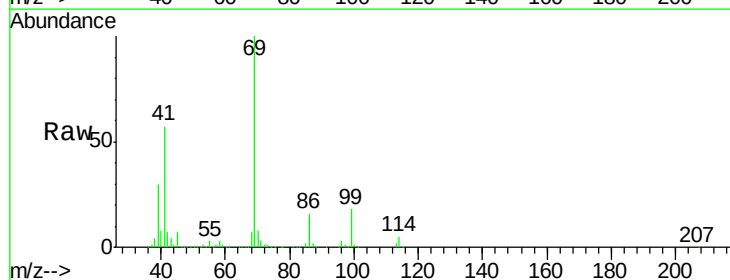
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

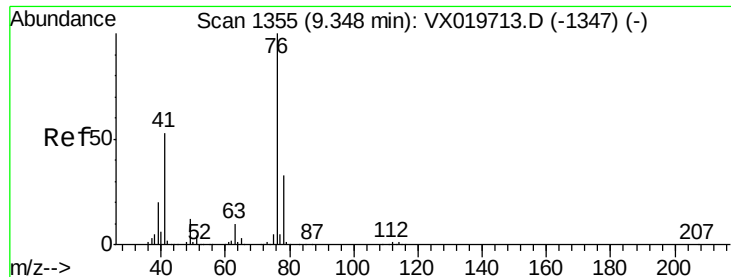
Tgt Ion:	97	Resp:	155150
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.3	103.9
85	54.7	44.3	66.5
99	61.5	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 56.672 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion:	69	Resp:	232733
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.8	70.2
39	30.2	24.7	37.1

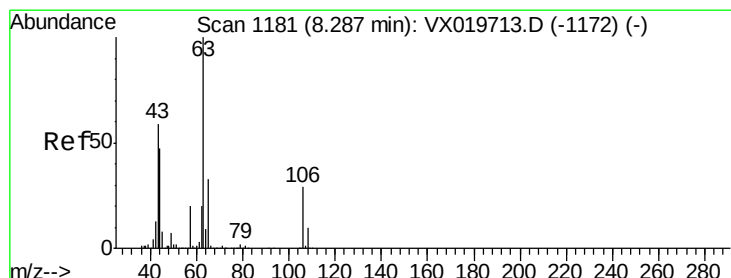
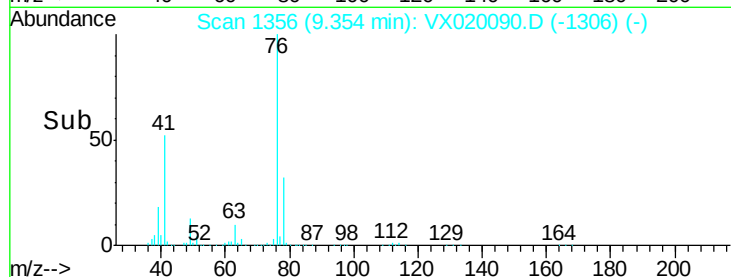
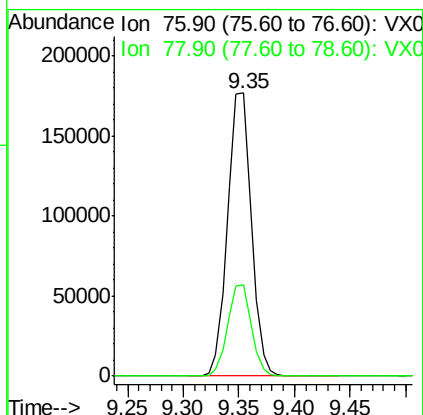
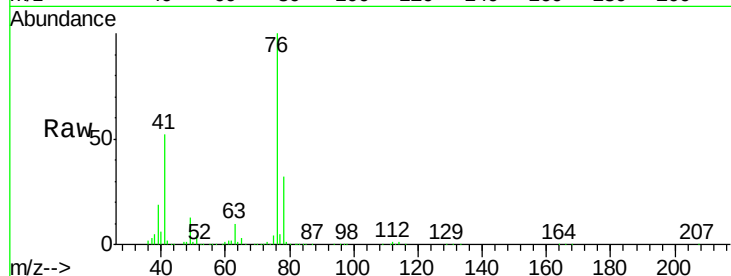




#57
 1,3-Dichloropropane
 Concen: 56.609 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

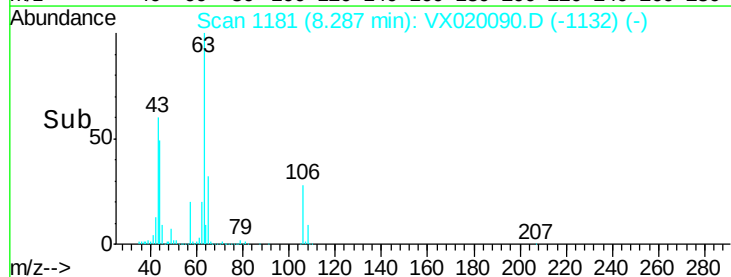
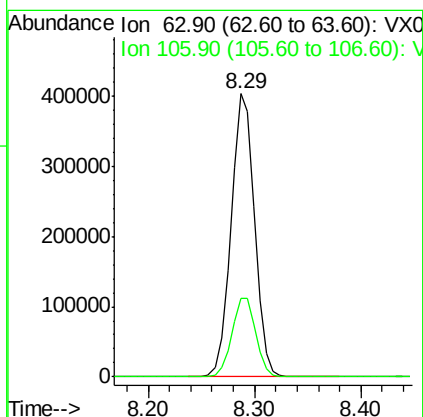
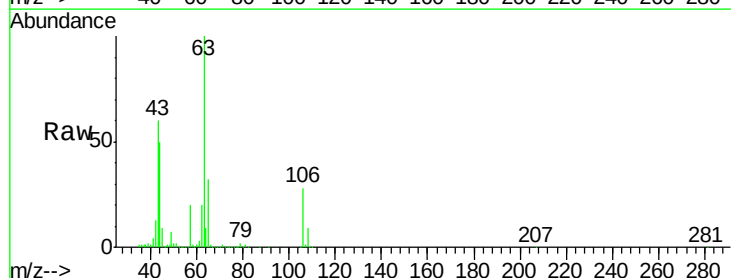
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

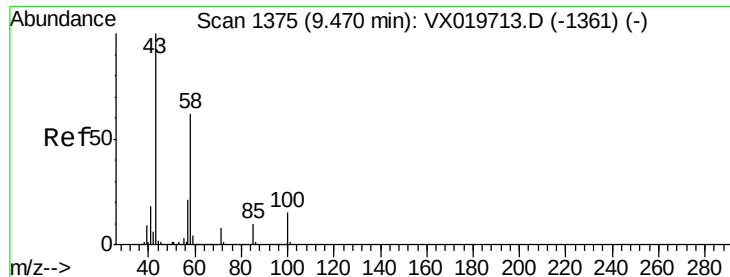
Tgt Ion: 76 Resp: 262367
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.905 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion: 63 Resp: 624173
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.5 35.3

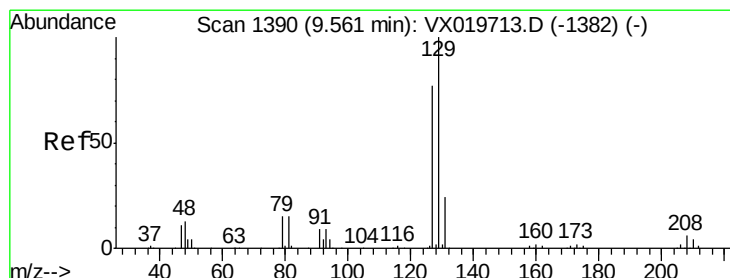
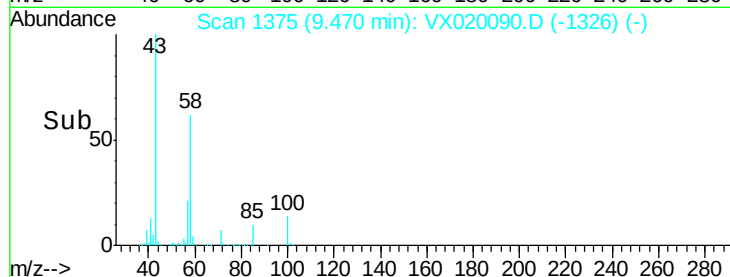
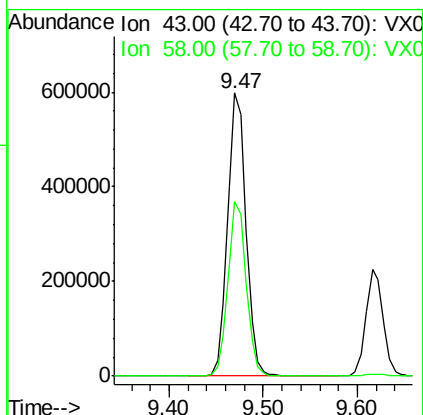
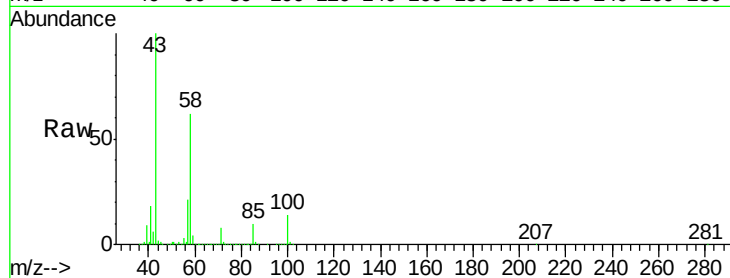




#59
2-Hexanone
Concen: 296.398 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

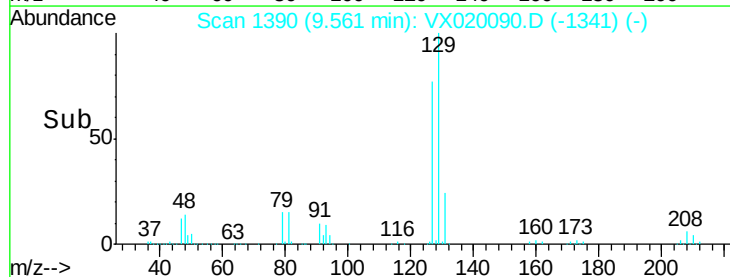
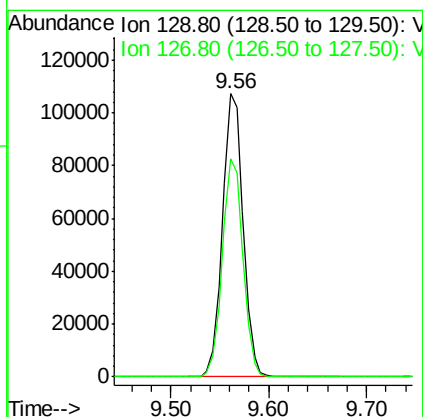
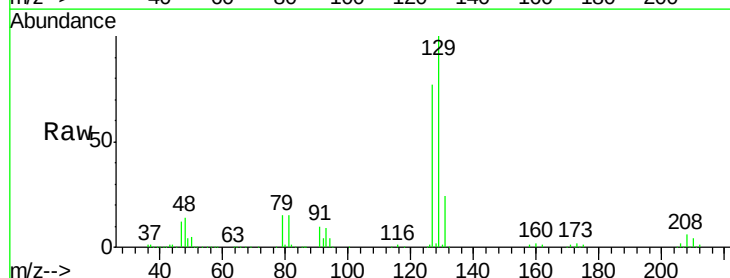
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

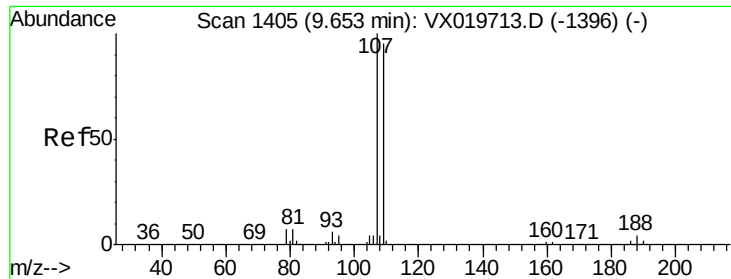
Tgt Ion: 43 Resp: 811743
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.8



#60
Dibromochloromethane
Concen: 56.723 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 129 Resp: 156425
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 54.791 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

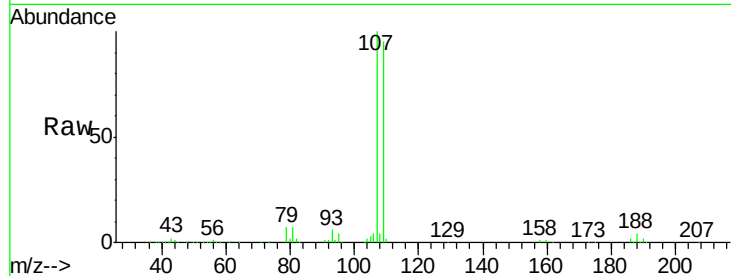
VSTDCCC050

Tgt Ion: 107 Resp: 157923

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

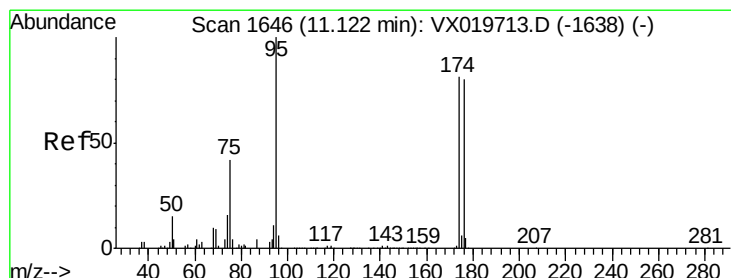
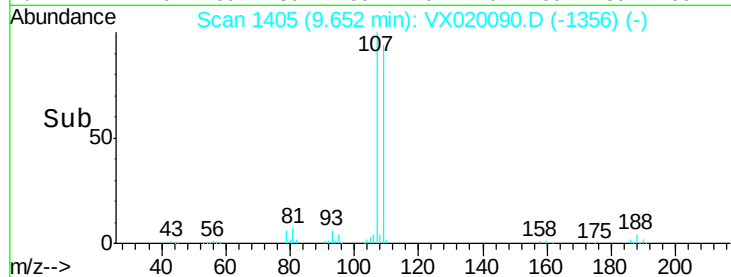
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 58.009 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

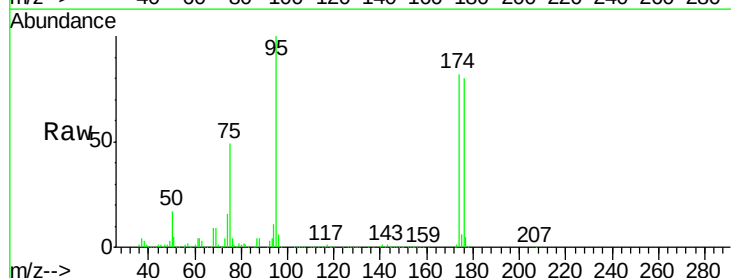
Tgt Ion: 95 Resp: 212535

Ion Ratio Lower Upper

95 100

174 76.5 0.0 154.6

176 74.6 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

200000

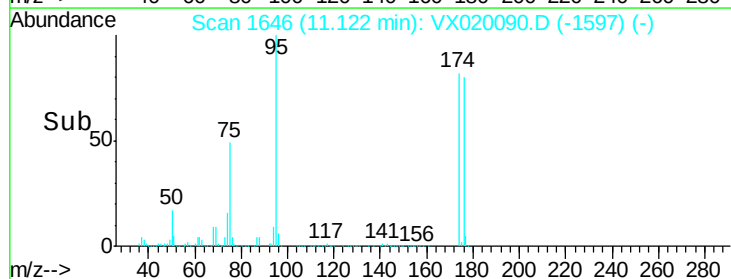
150000

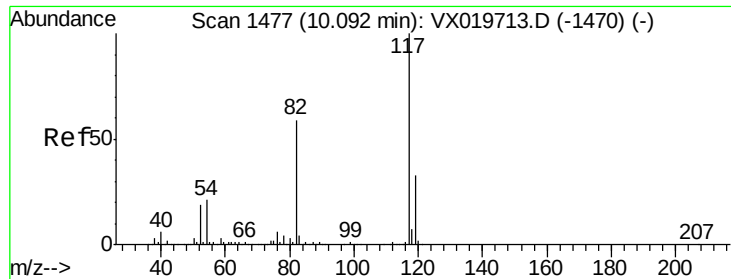
100000

50000

0

Time-->

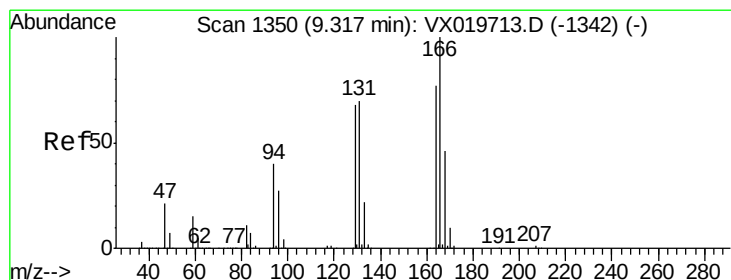
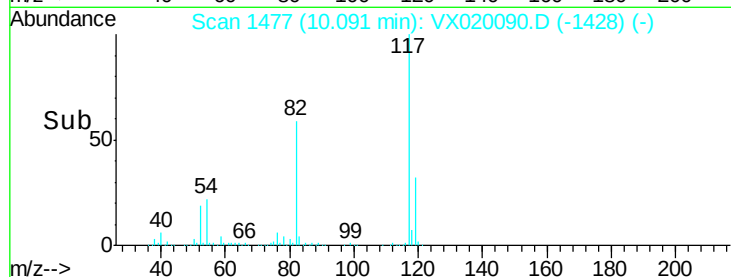
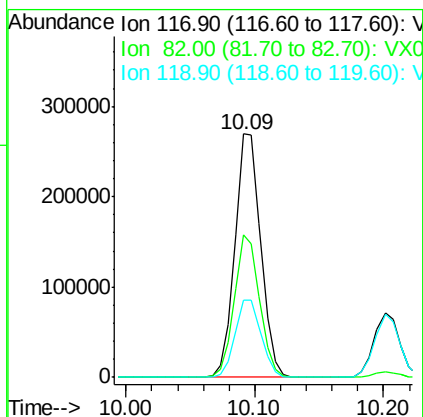
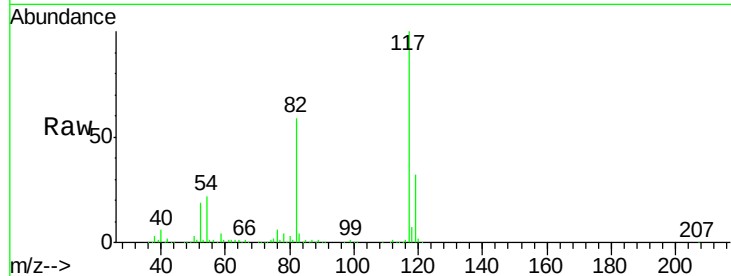




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

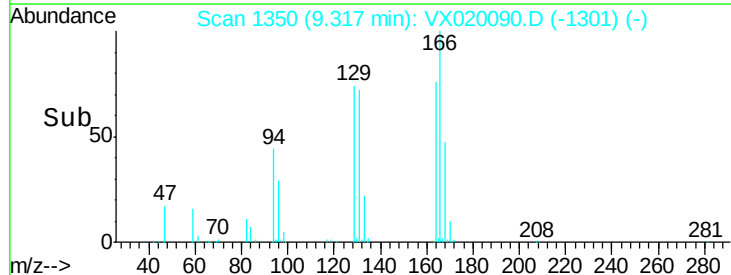
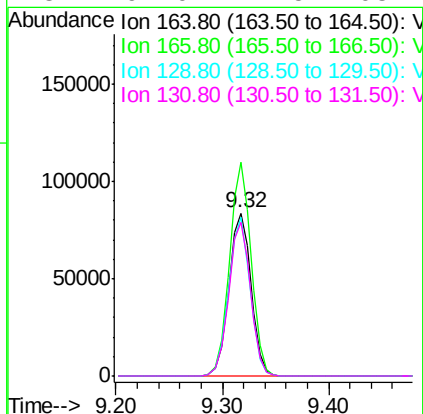
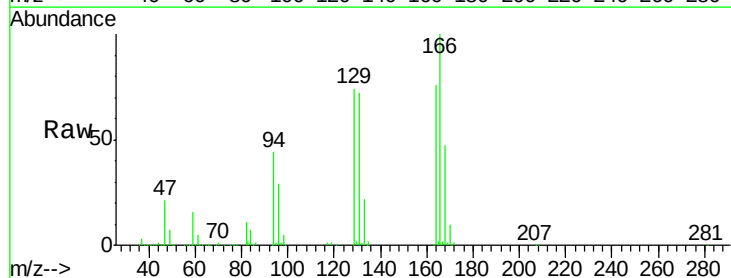
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

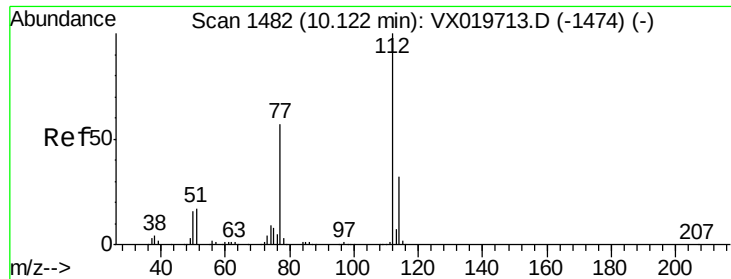
Tgt Ion:117 Resp: 376528
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 48.320 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion:164 Resp: 122010
Ion Ratio Lower Upper
164 100
166 131.2 103.4 155.2
129 97.2 70.8 106.2
131 94.0 72.5 108.7

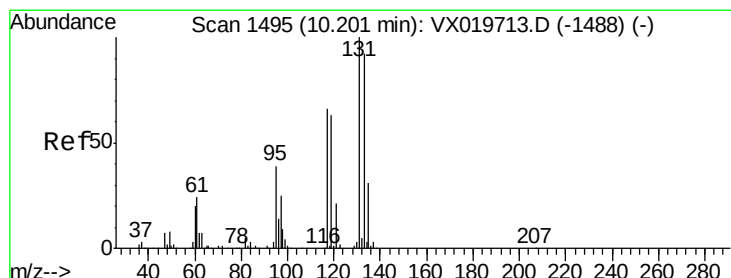
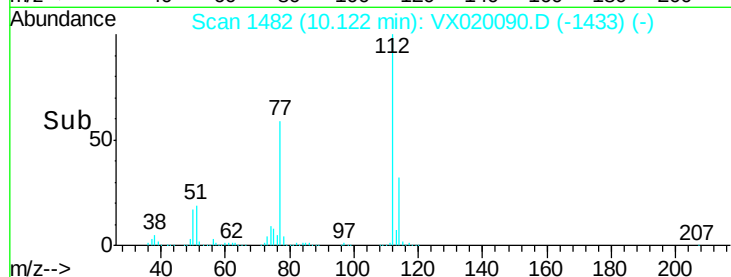
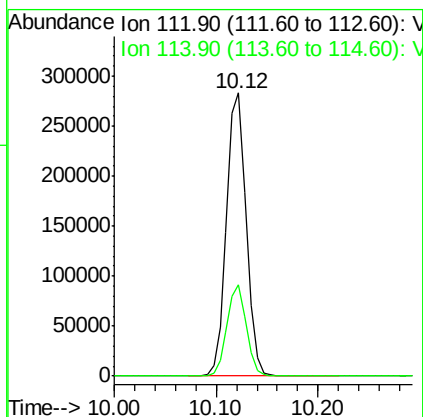
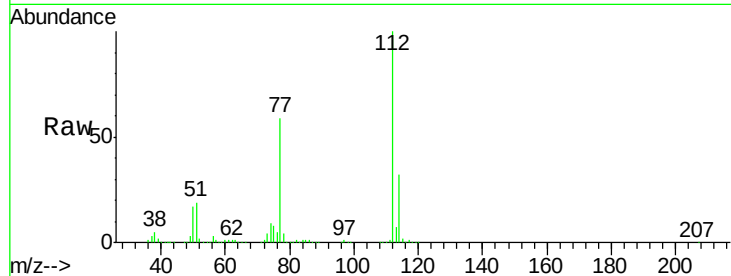




#65
Chlorobenzene
Concen: 50.282 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

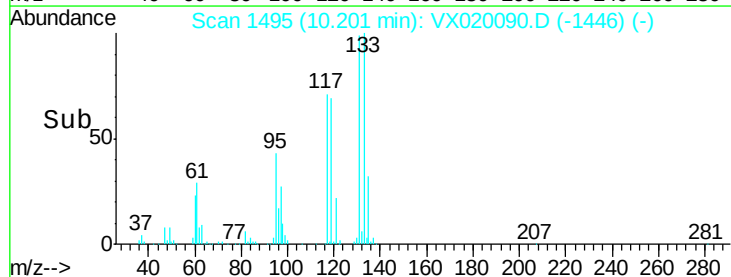
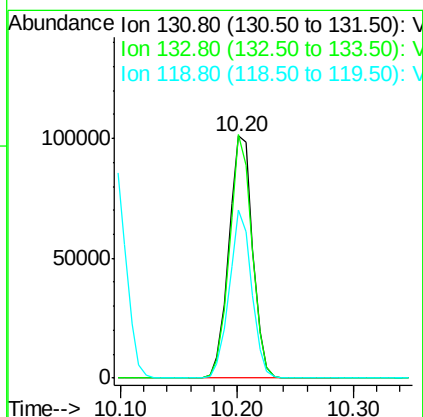
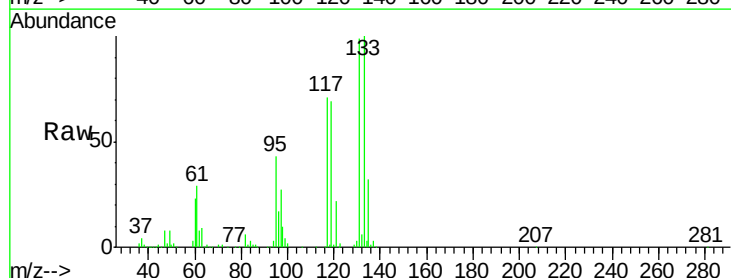
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

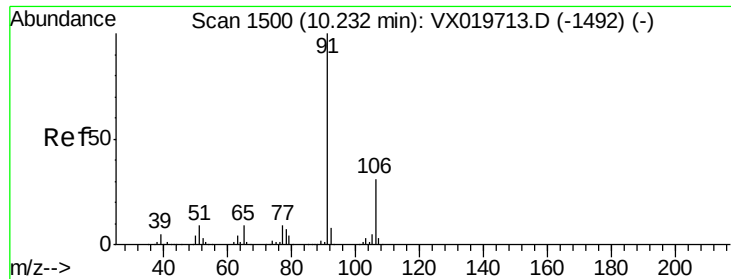
Tgt Ion:112 Resp: 377191
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.133 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion:131 Resp: 143458
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 65.4 32.1 96.5

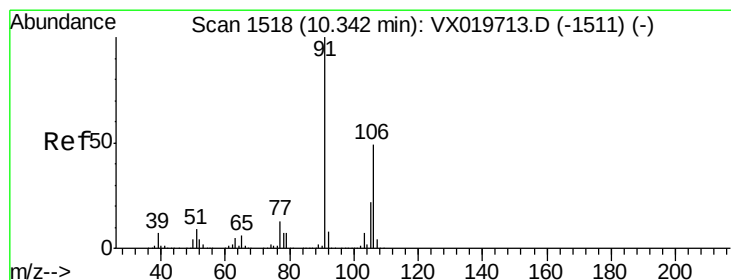
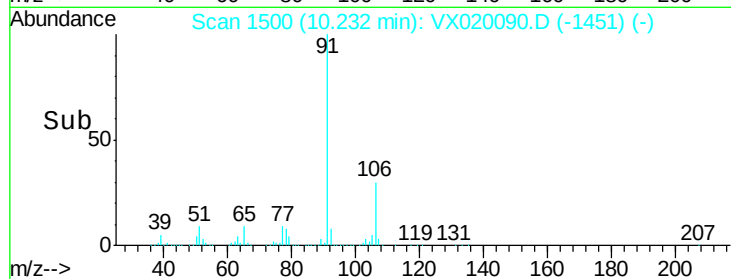
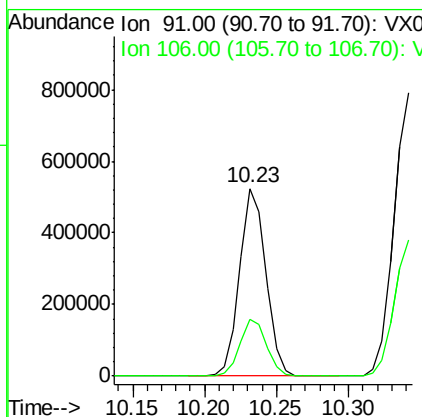
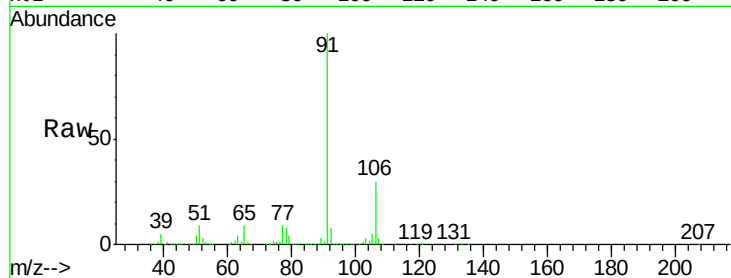




#67
Ethyl Benzene
Concen: 50.155 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

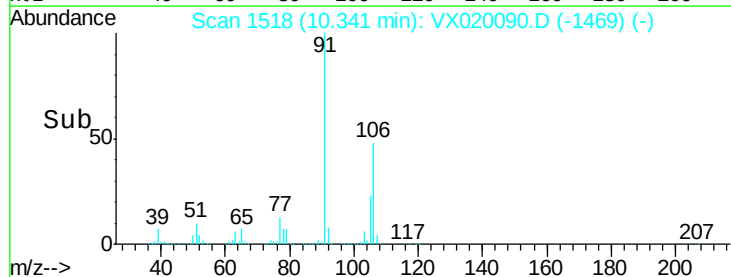
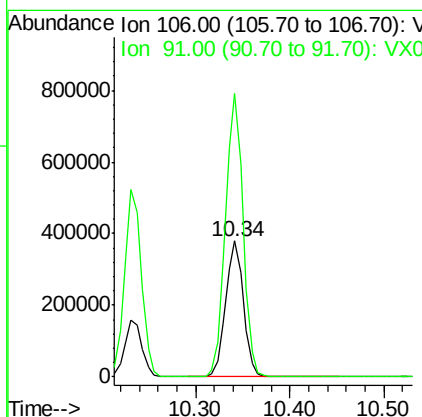
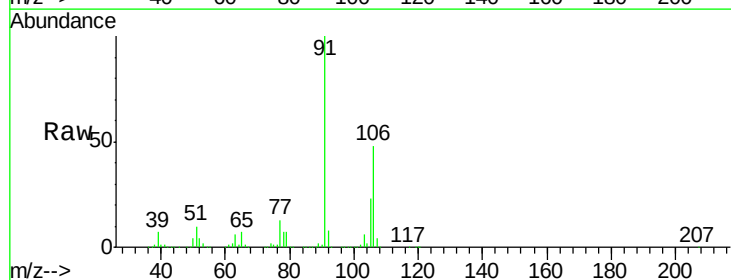
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

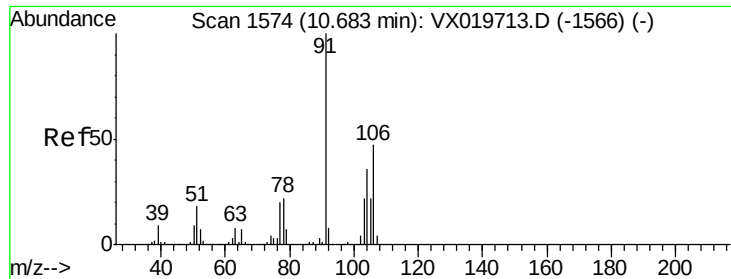
Tgt Ion: 91 Resp: 667833
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 98.514 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 106 Resp: 494290
Ion Ratio Lower Upper
106 100
91 207.0 162.8 244.2

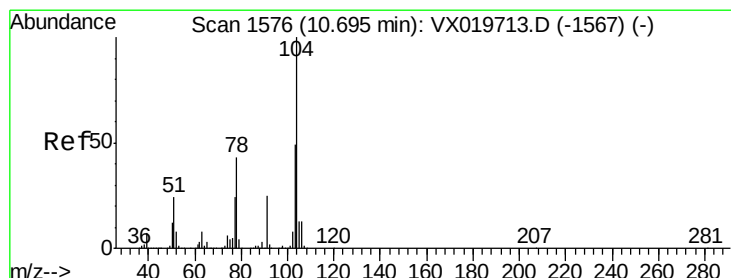
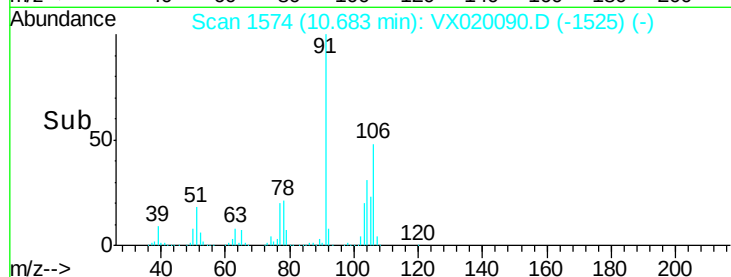
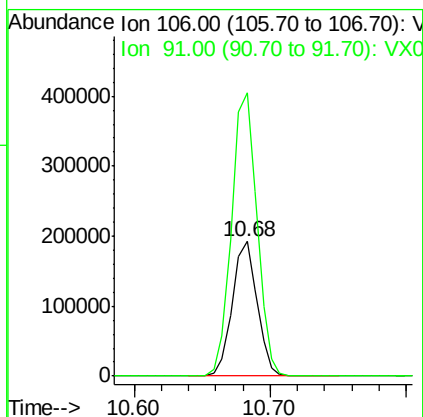
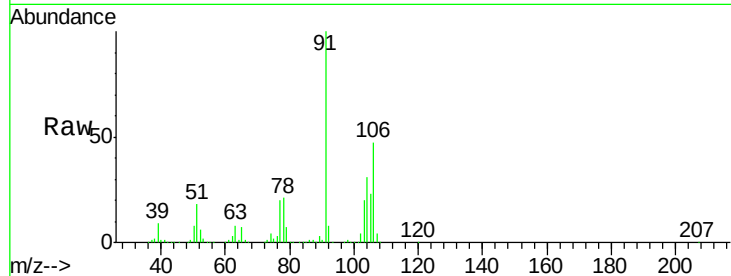




#69
o-Xylene
Concen: 50.548 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

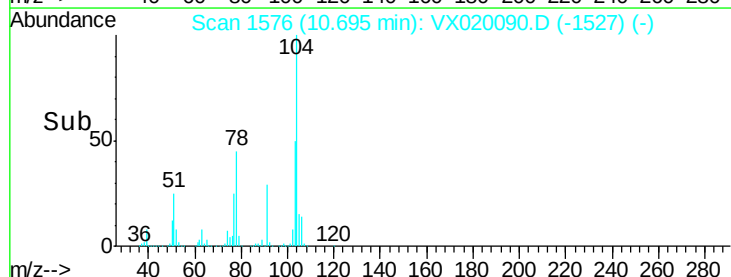
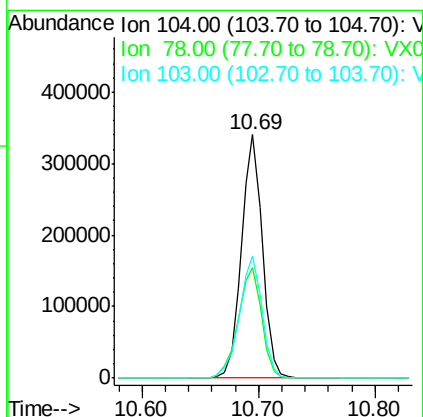
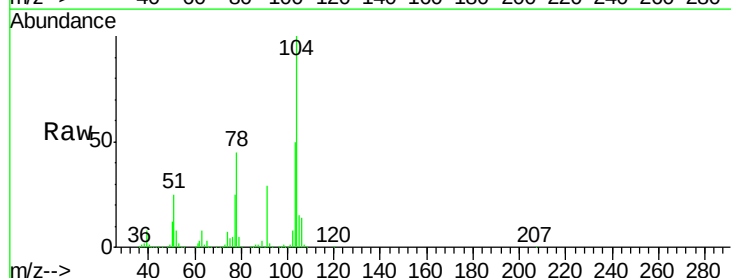
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

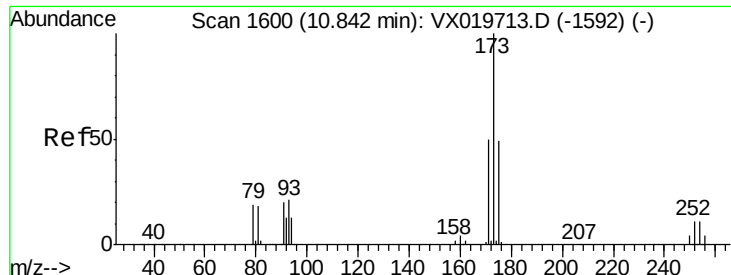
Tgt Ion:106 Resp: 243970
Ion Ratio Lower Upper
106 100
91 216.2 108.1 324.2



#70
Styrene
Concen: 52.100 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion:104 Resp: 424443
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 54.7 43.4 65.0





#71

Bromoform

Concen: 53.160 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

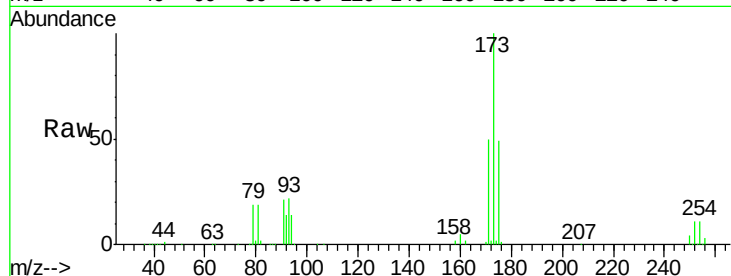
Tgt Ion:173 Resp: 112913

Ion Ratio Lower Upper

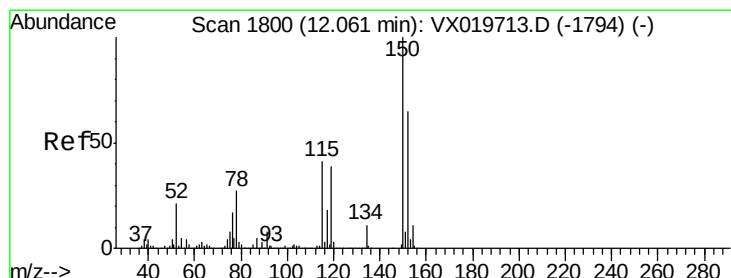
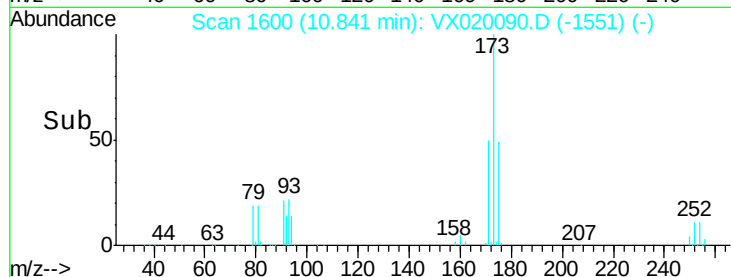
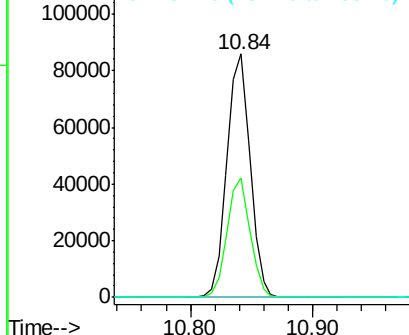
173 100

175 48.6 23.9 71.8

254 0.2 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: VX020090.D

Acq: 17 Dec 2020 01:15

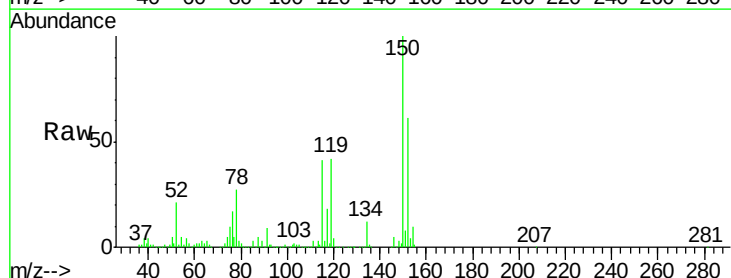
Tgt Ion:152 Resp: 186337

Ion Ratio Lower Upper

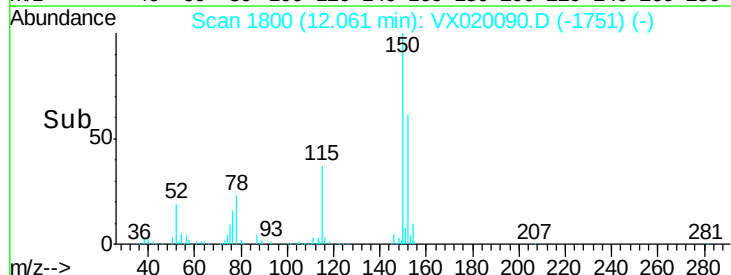
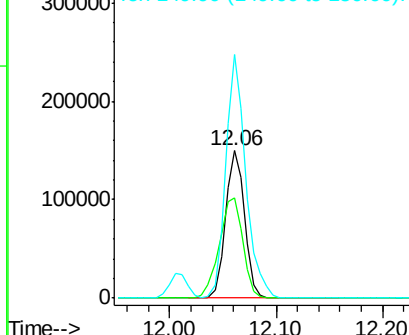
152 100

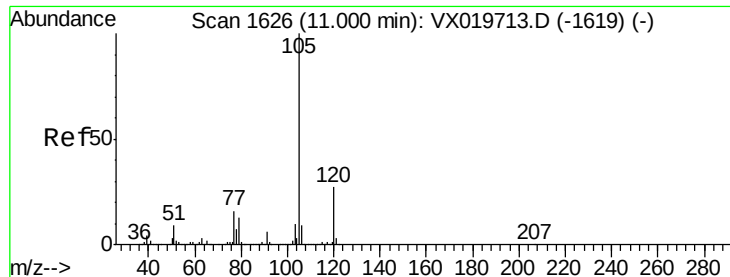
115 83.6 41.1 123.3

150 175.0 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: 50.747 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

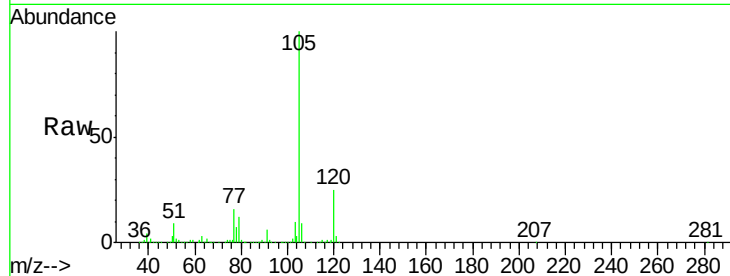
VSTDCCC050

Tgt Ion: 105 Resp: 646040

Ion Ratio Lower Upper

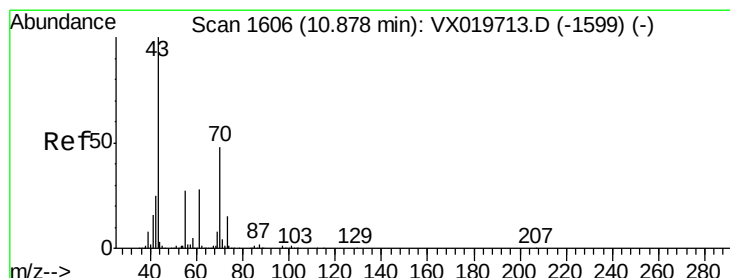
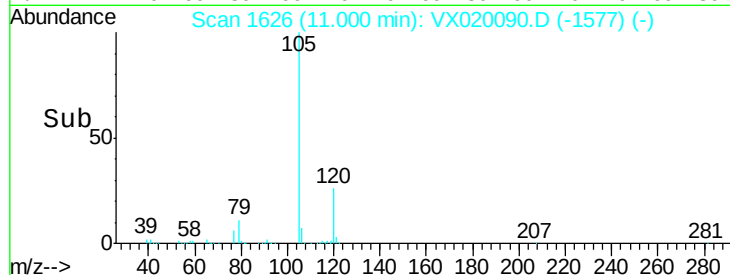
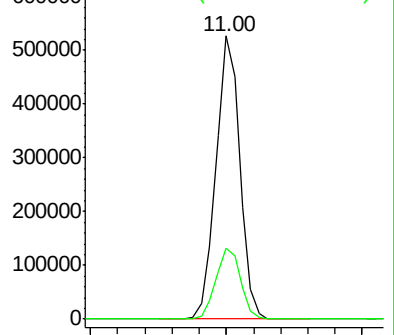
105 100

120 26.0 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: 54.955 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Tgt Ion: 43 Resp: 280362

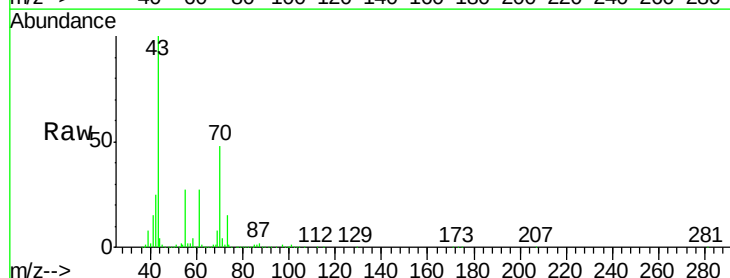
Ion Ratio Lower Upper

43 100

70 49.0 39.0 58.6

55 27.9 21.5 32.3

61 27.3 22.1 33.1

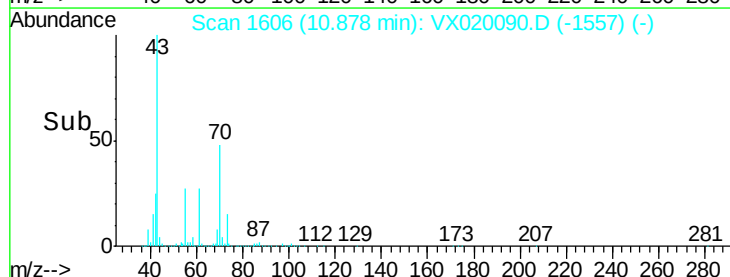
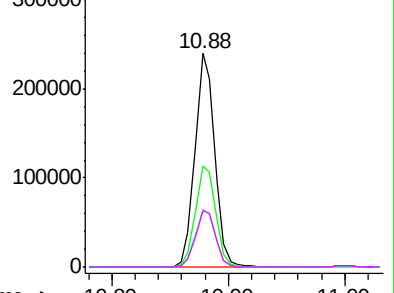


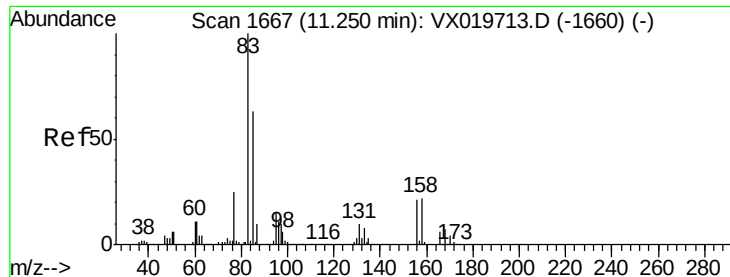
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 56.440 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

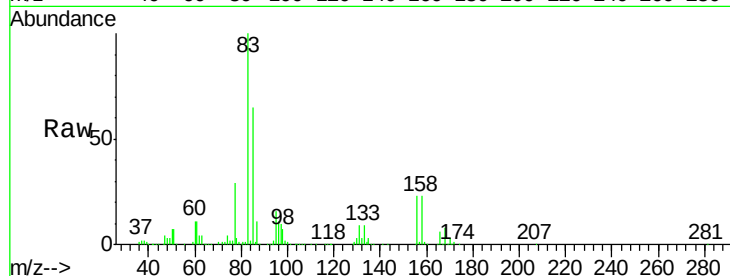
Tgt Ion: 83 Resp: 253319

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

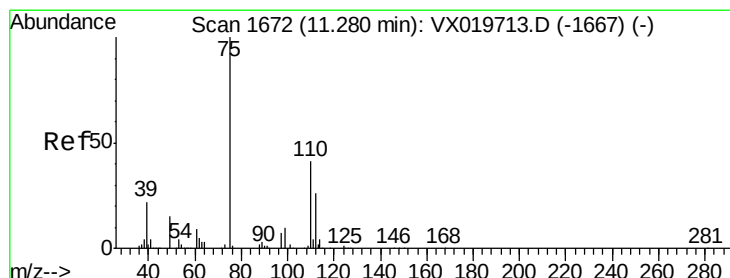
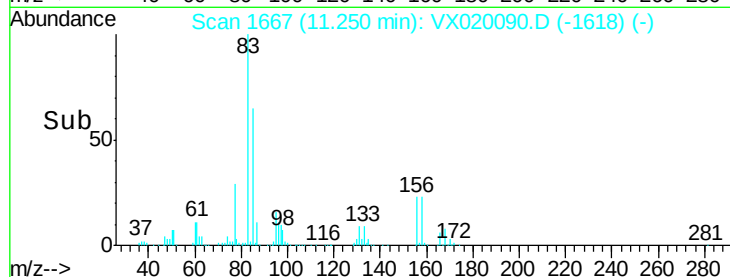
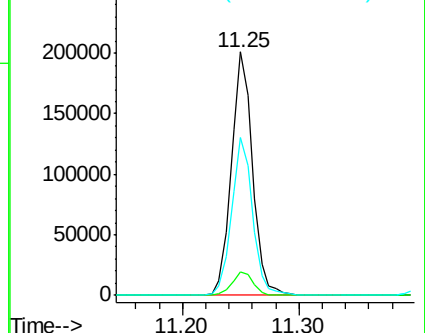
85 64.4 31.8 95.4



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: 66.923 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX020090.D

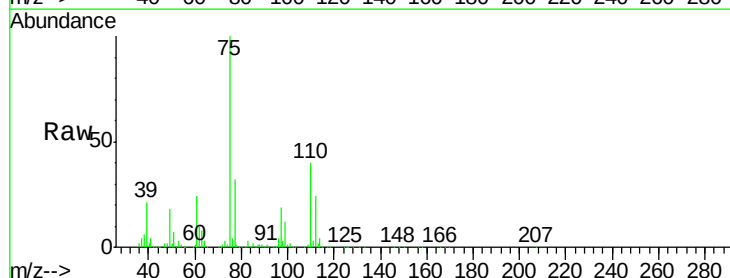
Acq: 17 Dec 2020 01:15

Tgt Ion: 75 Resp: 279684

Ion Ratio Lower Upper

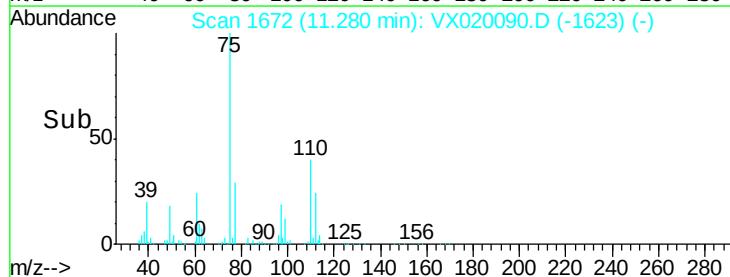
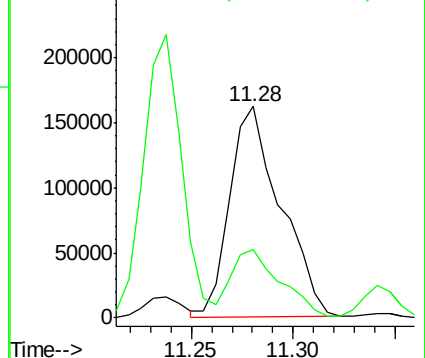
75 100

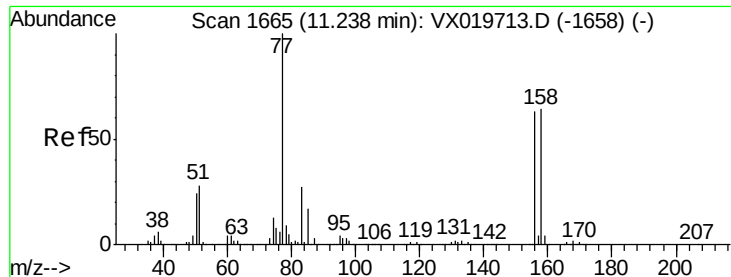
77 31.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.622 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

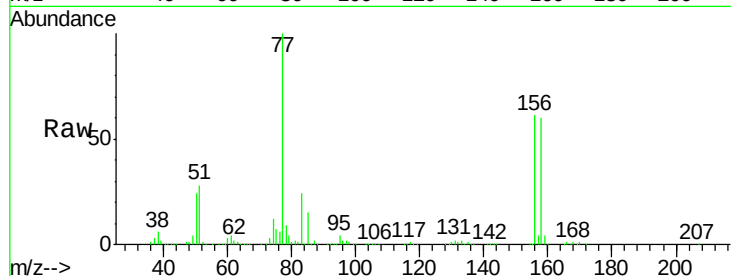
Tgt Ion:156 Resp: 168178

Ion Ratio Lower Upper

156 100

77 167.9 82.8 248.6

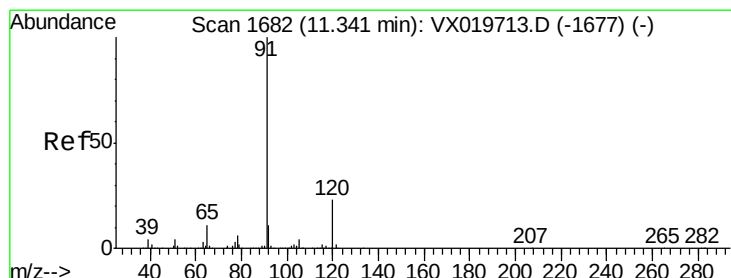
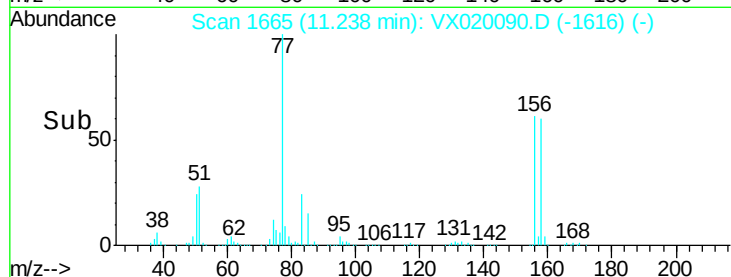
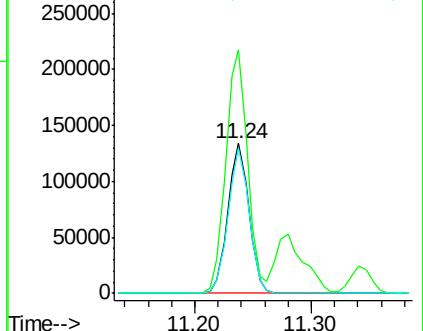
158 96.3 49.1 147.4



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: 50.724 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX020090.D

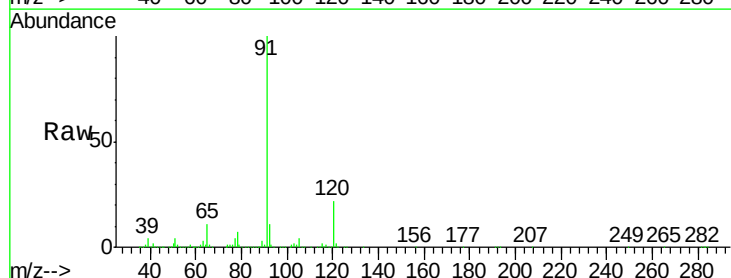
Acq: 17 Dec 2020 01:15

Tgt Ion: 91 Resp: 737531

Ion Ratio Lower Upper

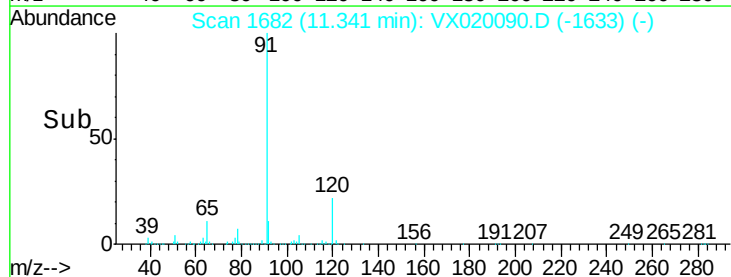
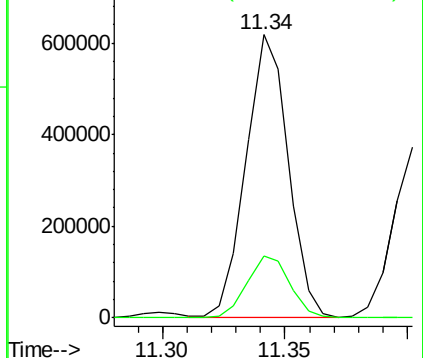
91 100

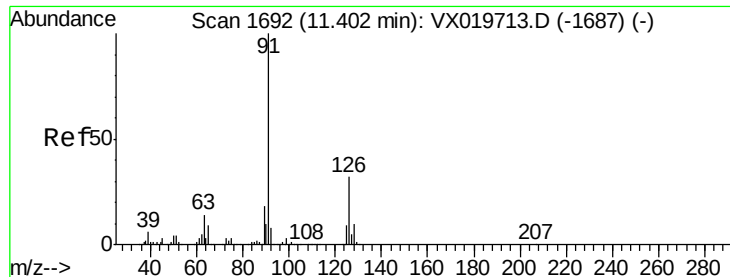
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

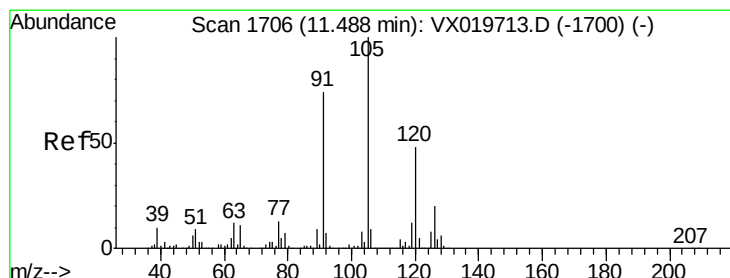
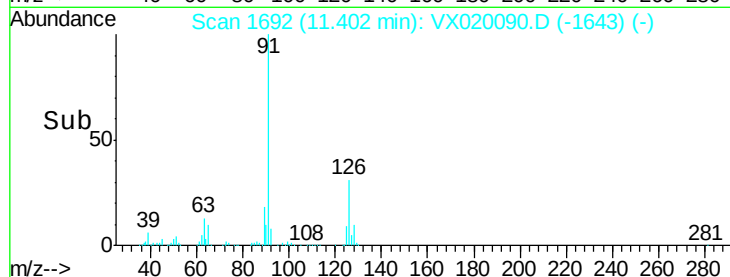
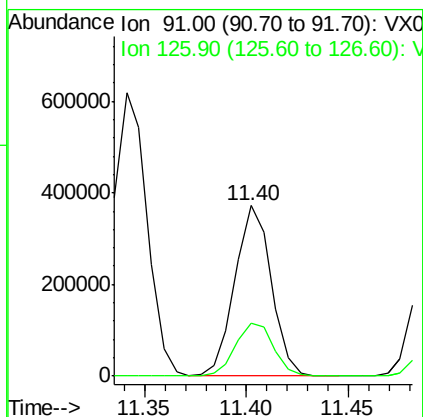
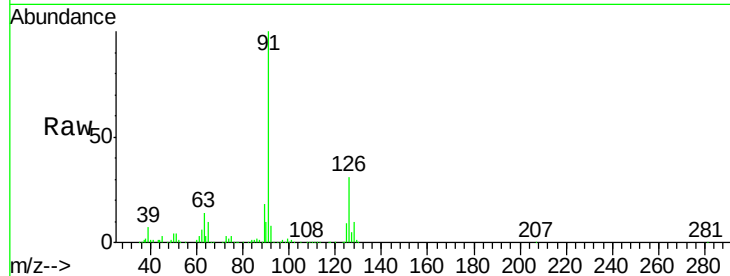




#79
 2-Chlorotoluene
 Concen: 51.203 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

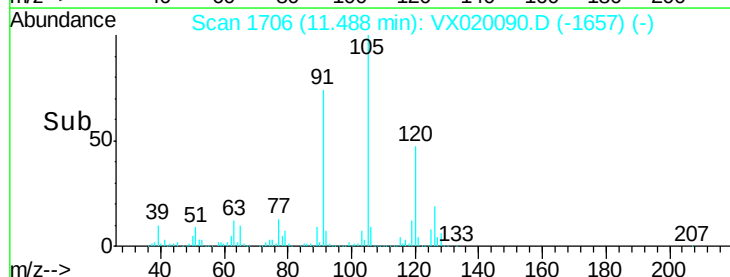
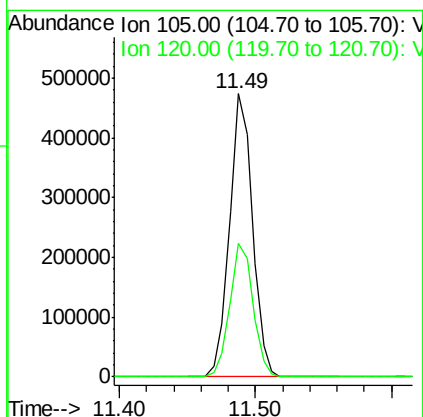
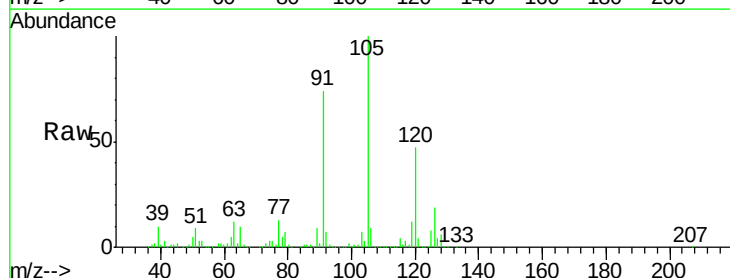
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

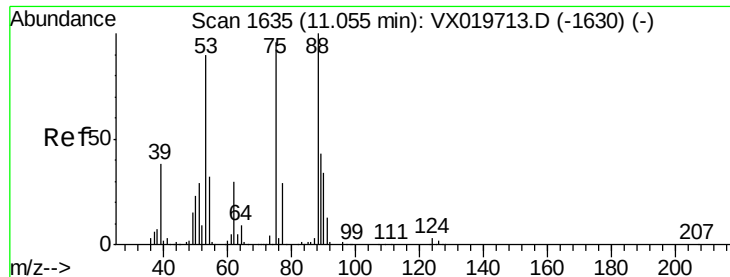
Tgt Ion: 91 Resp: 458477
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.695 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion: 105 Resp: 555422
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.8 71.5

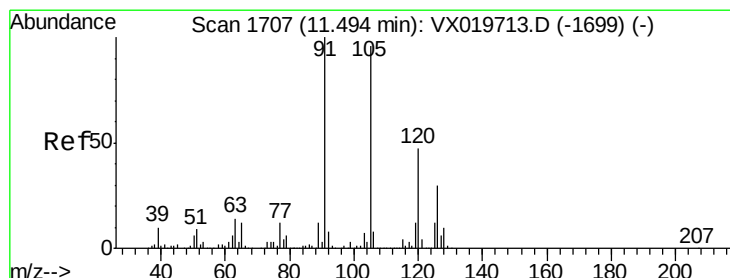
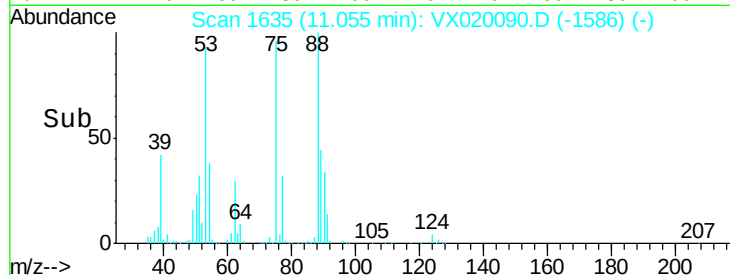
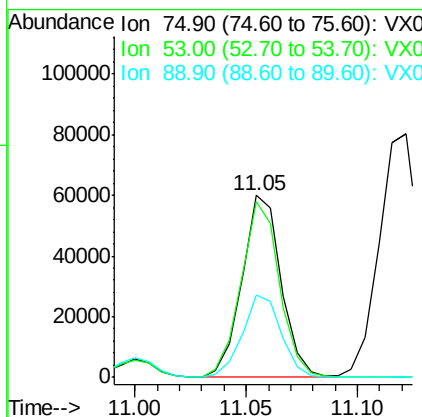
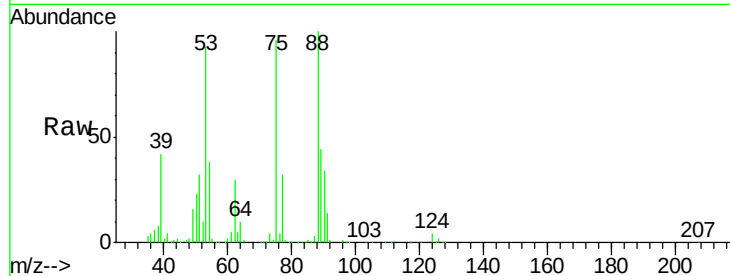




#81
trans-1,4-Dichloro-2-butene
Concen: 50.490 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

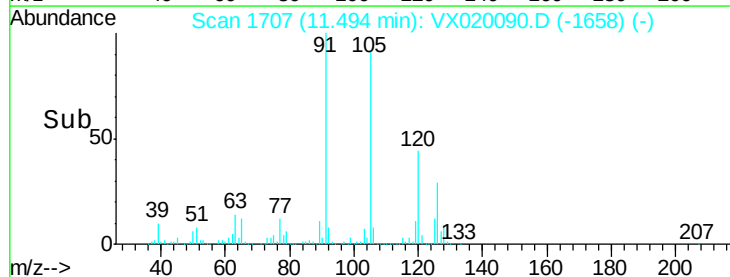
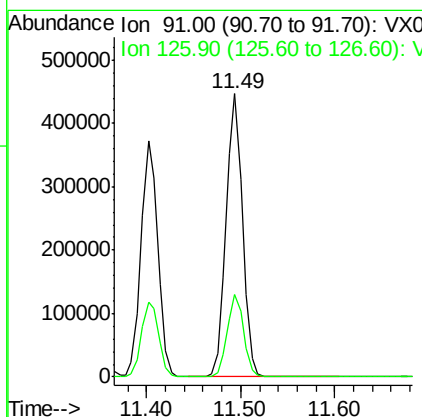
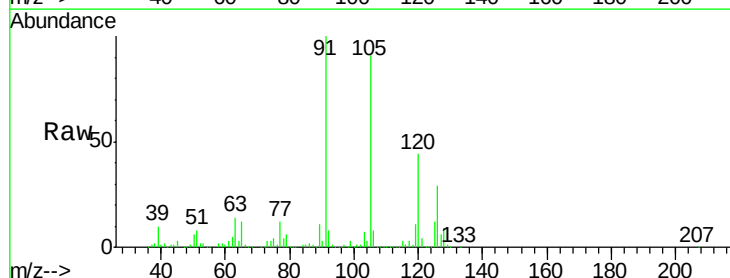
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

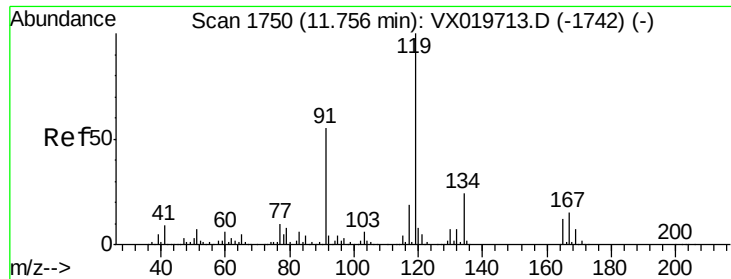
Tgt Ion: 75 Resp: 72992
Ion Ratio Lower Upper
75 100
53 95.4 74.5 111.7
89 45.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.564 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion: 91 Resp: 540742
Ion Ratio Lower Upper
91 100
126 29.1 14.9 44.5

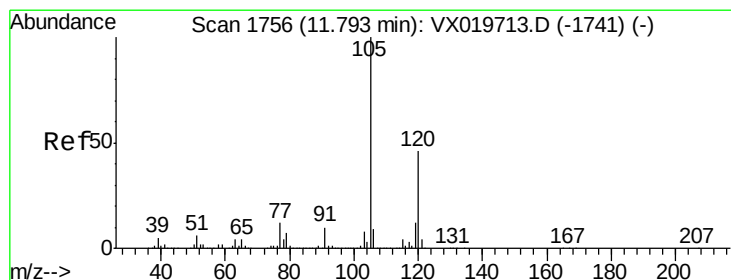
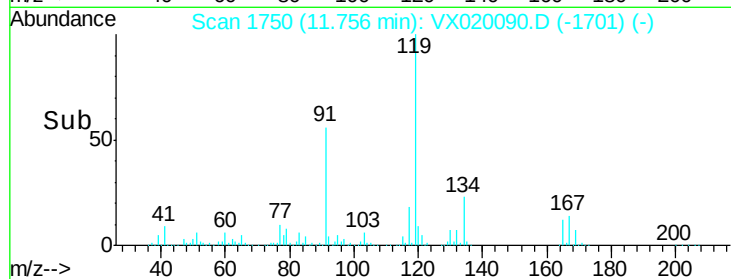
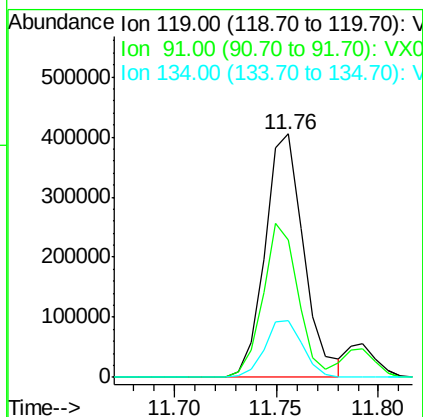
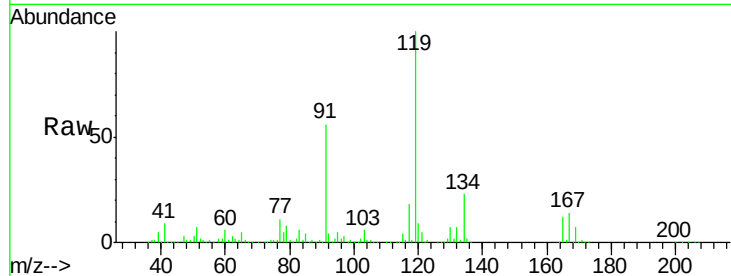




#83
 tert-Butylbenzene
 Concen: 50.859 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

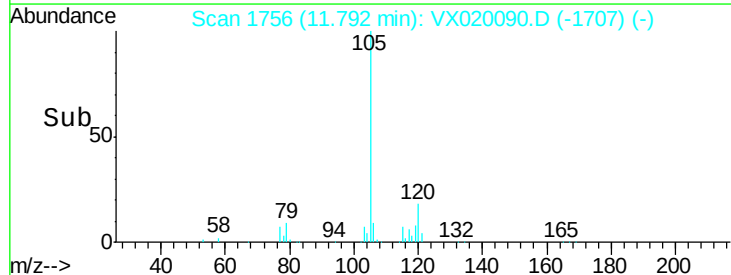
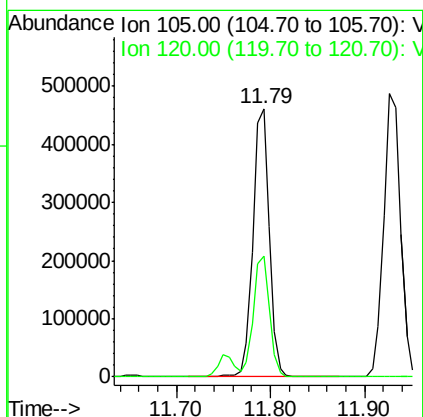
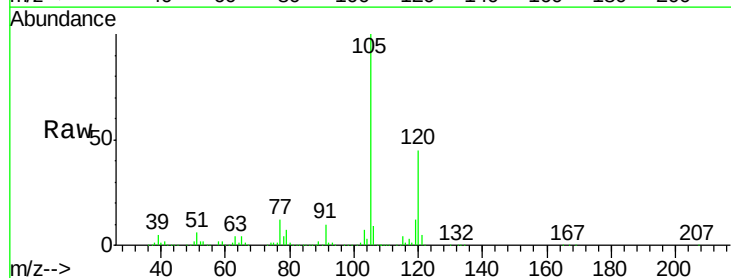
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

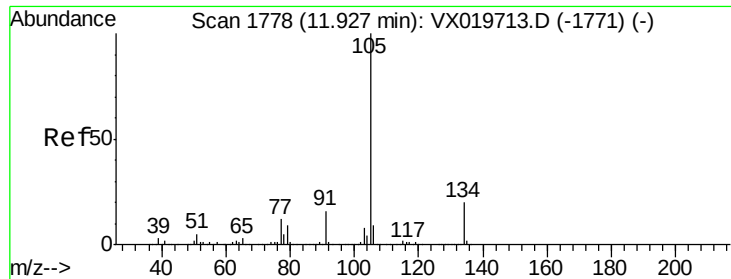
Tgt Ion:119 Resp: 535917
 Ion Ratio Lower Upper
 119 100
 91 57.2 27.9 83.7
 134 22.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.367 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion:105 Resp: 566753
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3

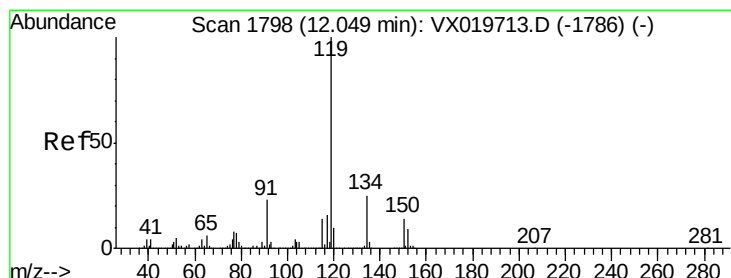
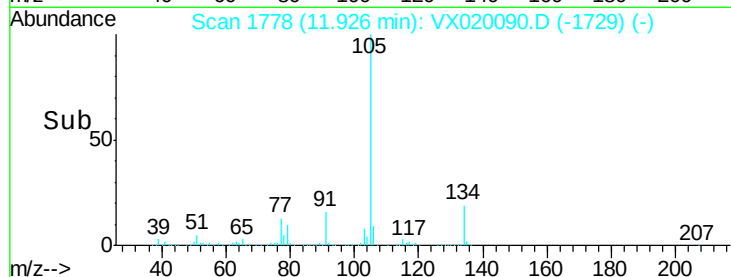
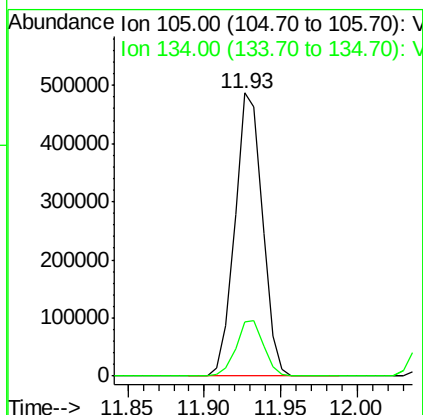
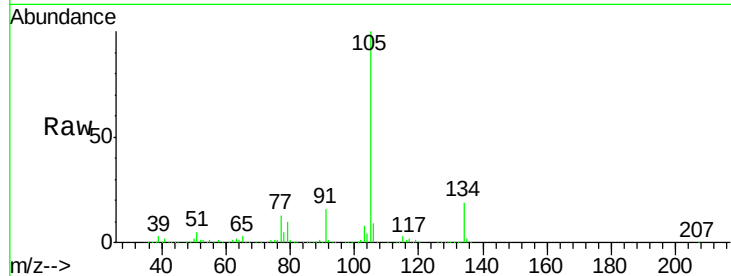




#85
 sec-Butylbenzene
 Concen: 50.477 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

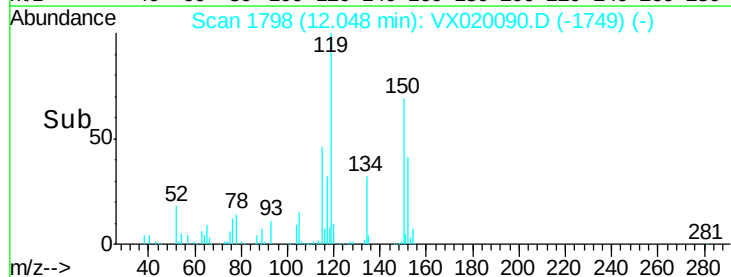
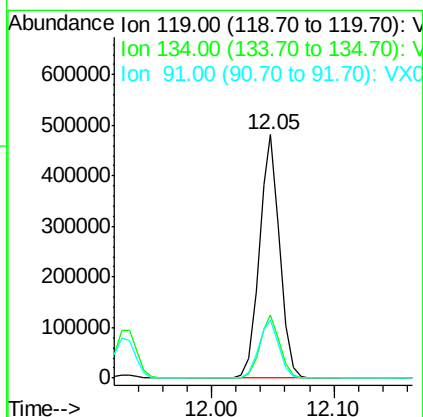
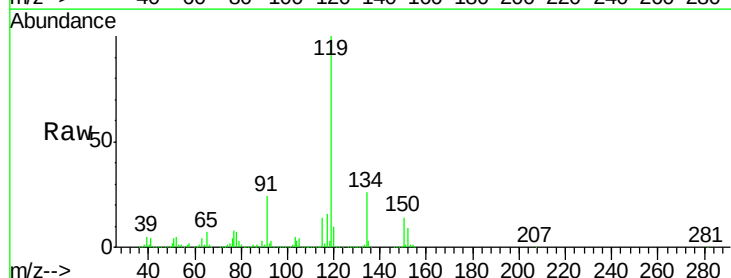
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

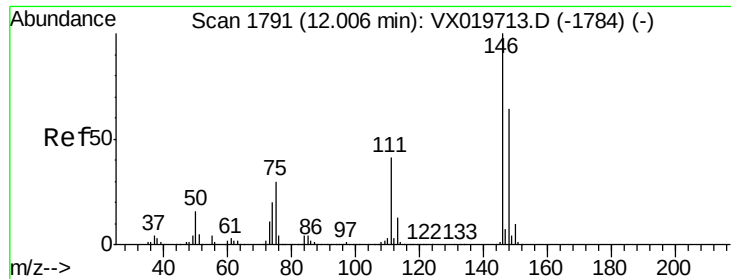
Tgt Ion:105 Resp: 607273
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 50.409 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion:119 Resp: 555805
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 24.0 11.7 35.0

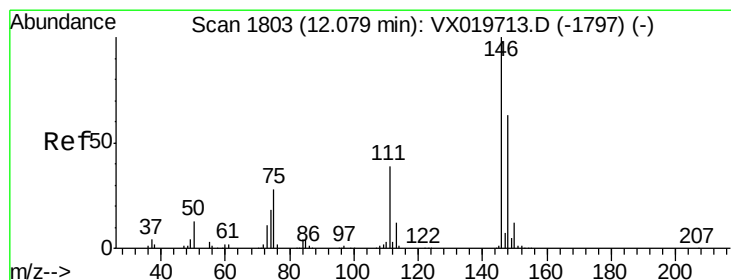
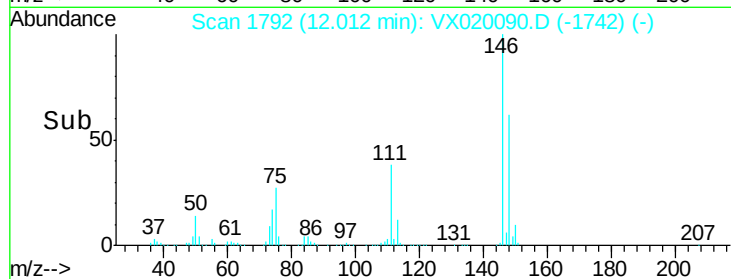
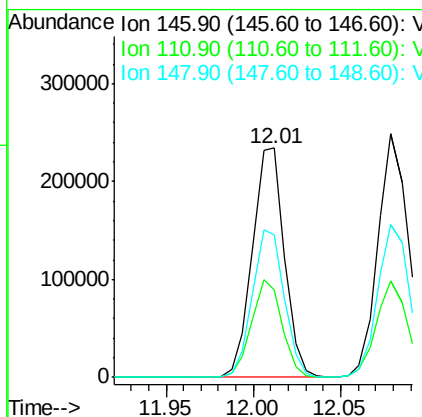
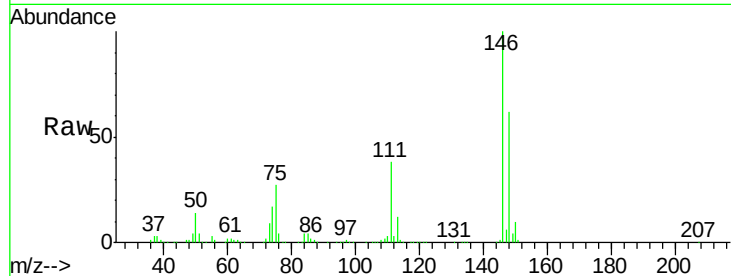




#87
 1,3-Dichlorobenzene
 Concen: 49.964 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

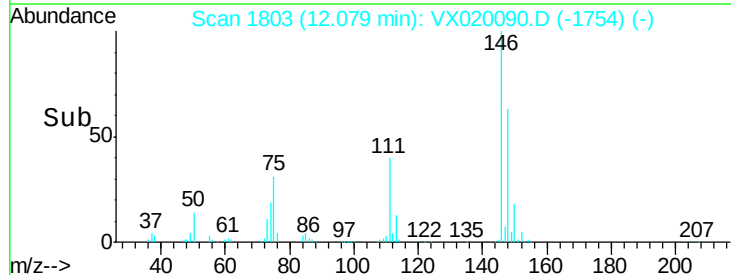
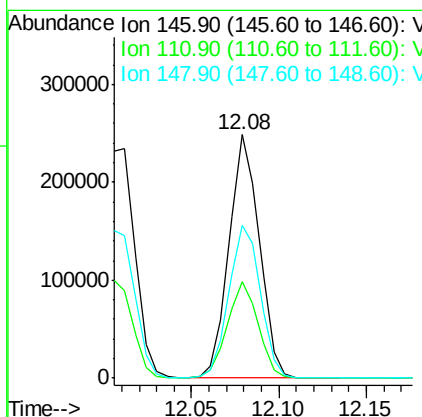
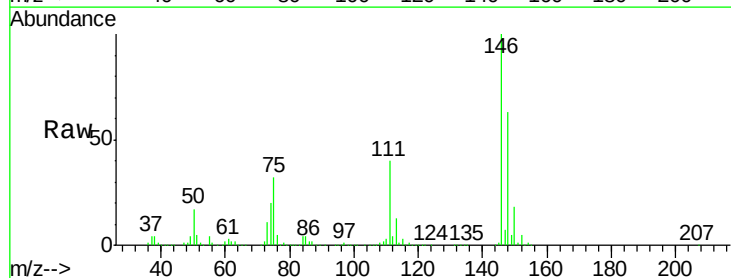
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

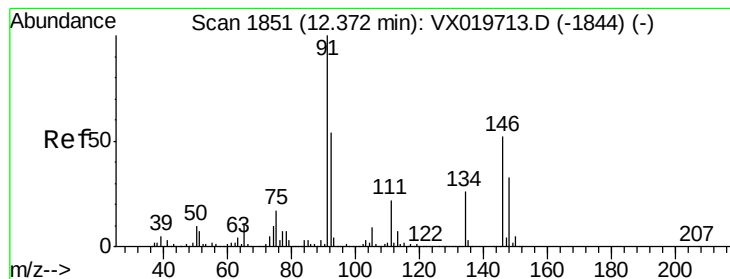
Tgt Ion:146 Resp: 298758
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.2 60.5
 148 64.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.261 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion:146 Resp: 300007
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 65.3 31.6 95.0





#89

n-Butylbenzene

Concen: 48.943 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX020090.D

Acq: 17 Dec 2020 01:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

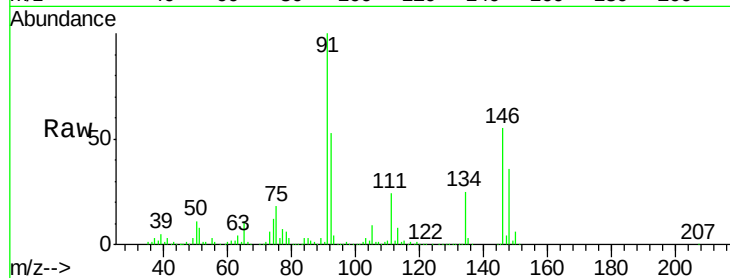
Tgt Ion: 91 Resp: 478103

Ion Ratio Lower Upper

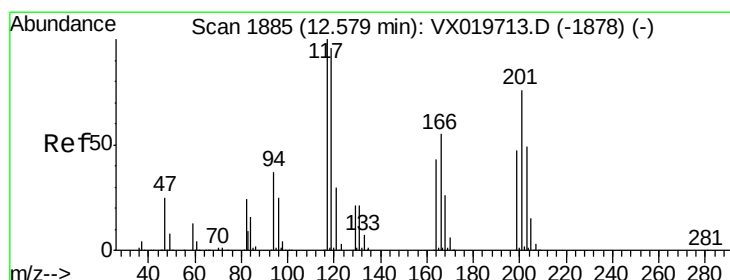
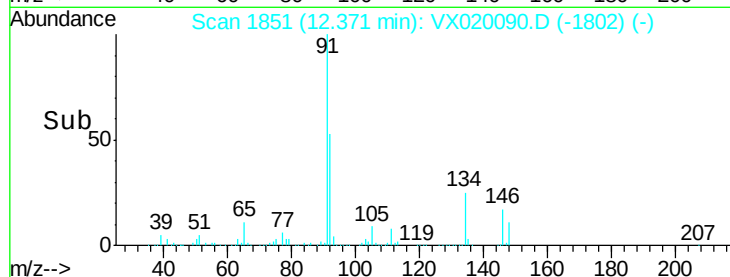
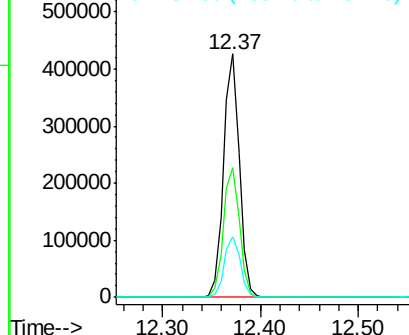
91 100

92 54.1 27.4 82.0

134 25.3 13.2 39.5



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



#90

Hexachloroethane

Concen: 51.398 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX020090.D

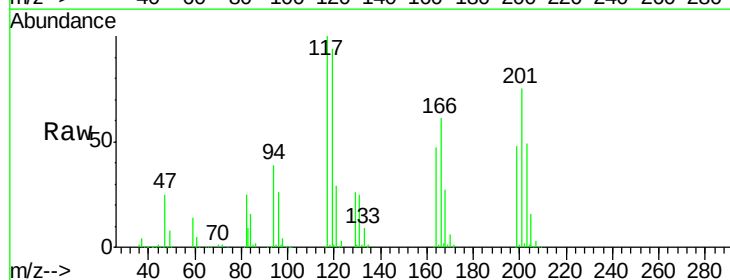
Acq: 17 Dec 2020 01:15

Tgt Ion: 117 Resp: 97840

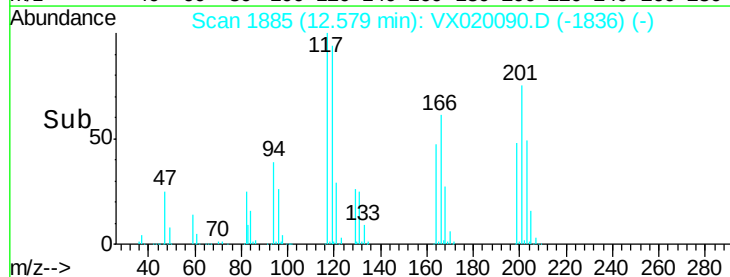
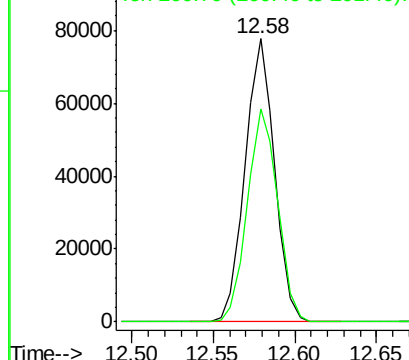
Ion Ratio Lower Upper

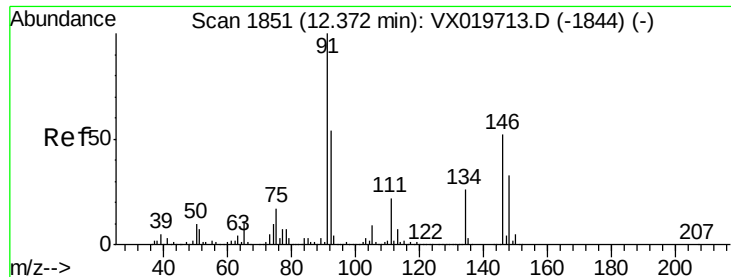
117 100

201 77.4 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

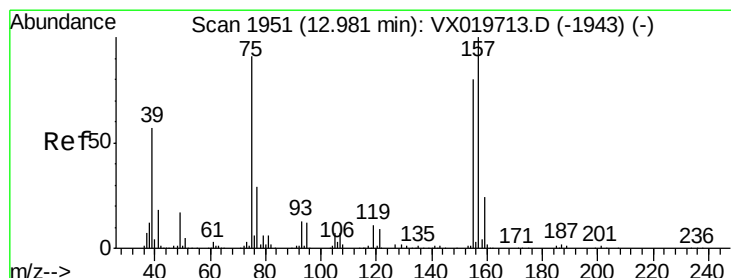
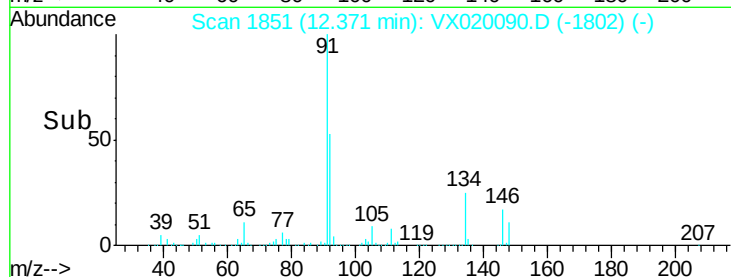
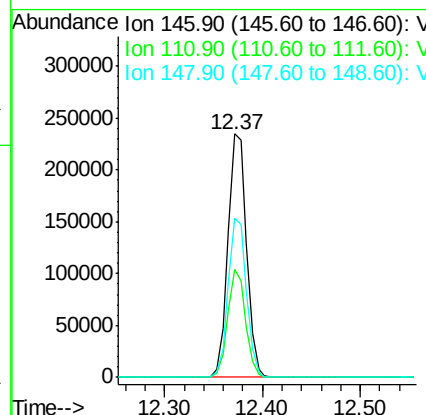
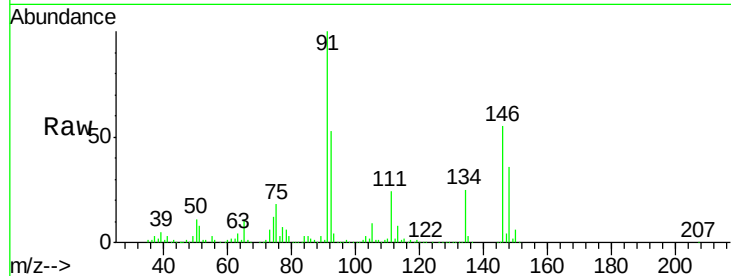




#91
 1,2-Dichlorobenzene
 Concen: 52.844 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

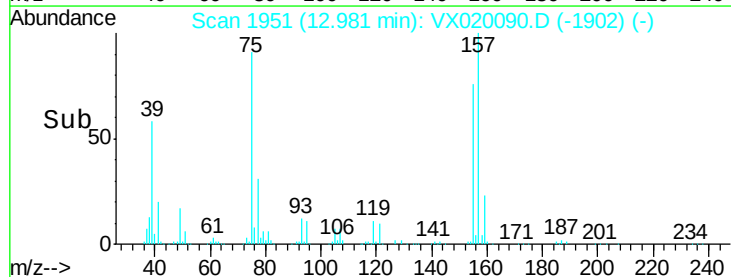
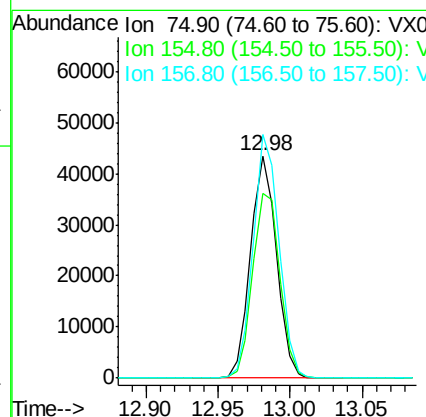
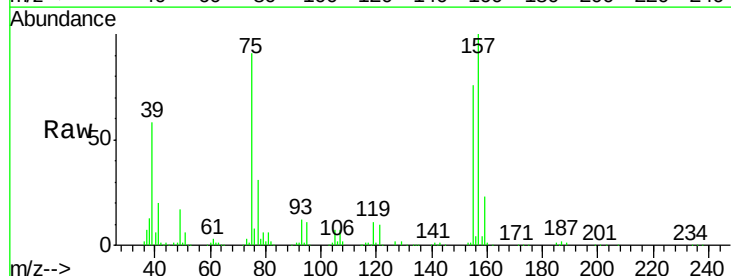
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

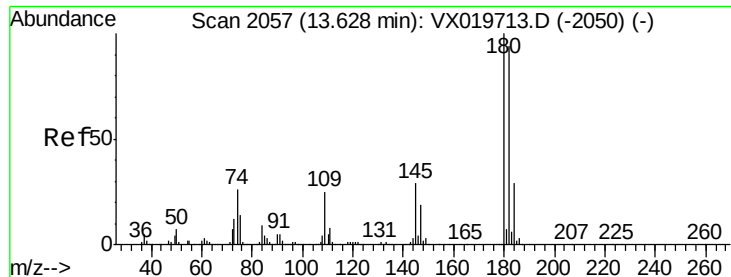
Tgt Ion:146 Resp: 308018
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.2
 148 64.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.189 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX020090.D
 Acq: 17 Dec 2020 01:15

Tgt Ion: 75 Resp: 54215
 Ion Ratio Lower Upper
 75 100
 155 86.9 45.3 135.9
 157 108.4 57.7 173.1

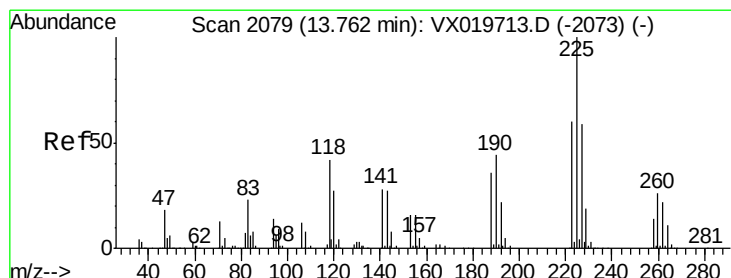
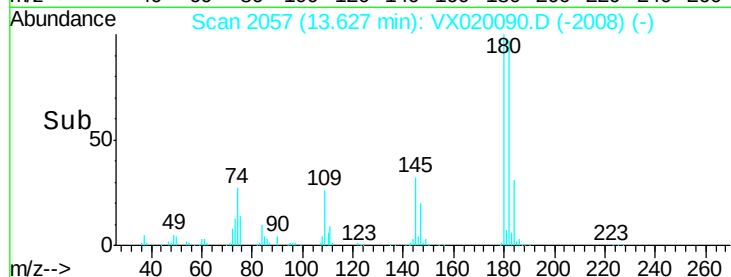
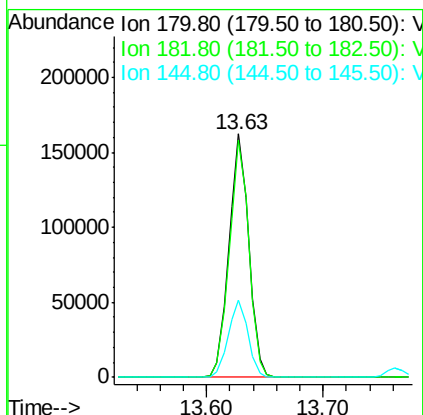
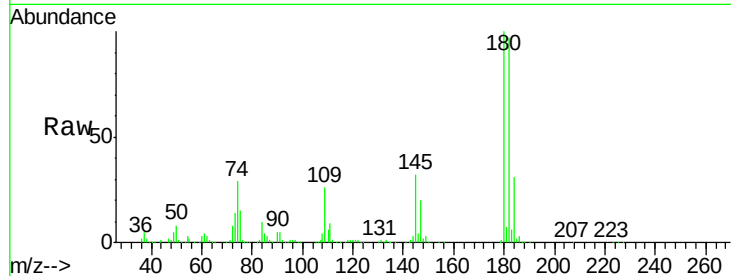




#93
1,2,4-Trichlorobenzene
Concen: 50.362 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

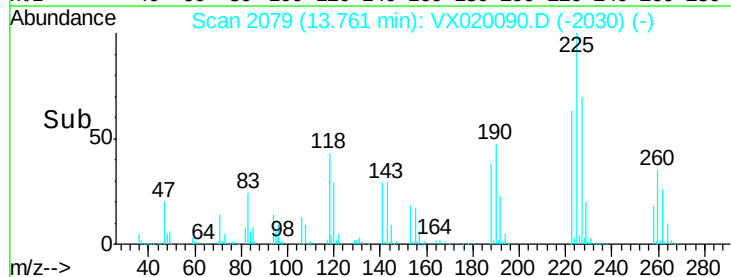
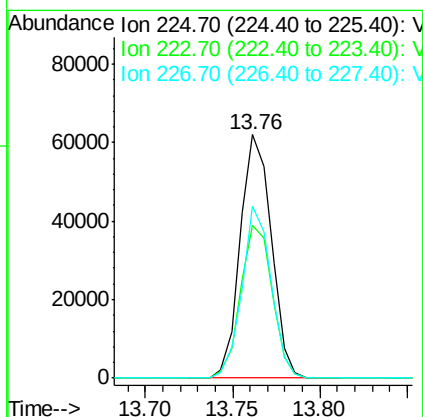
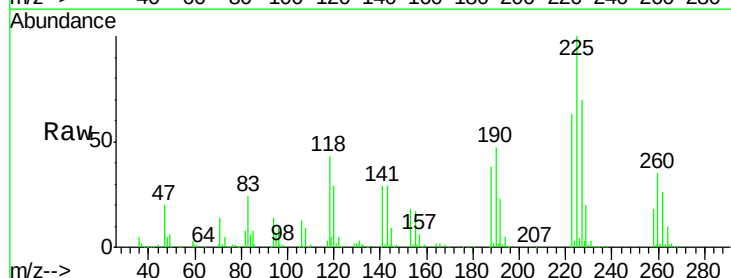
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

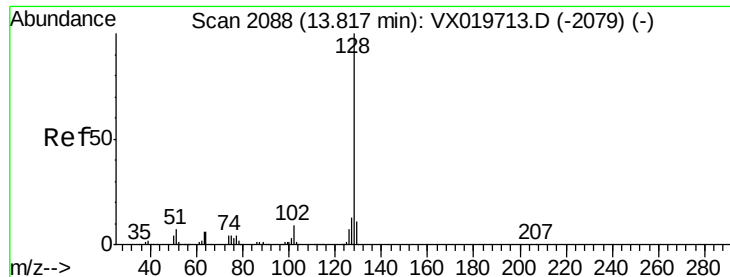
Tgt Ion:180 Resp: 191092
Ion Ratio Lower Upper
180 100
182 96.5 47.7 143.1
145 31.7 15.0 45.0



#94
Hexachlorobutadiene
Concen: 45.342 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion:225 Resp: 76896
Ion Ratio Lower Upper
225 100
223 63.9 31.1 93.2
227 66.1 31.6 95.0

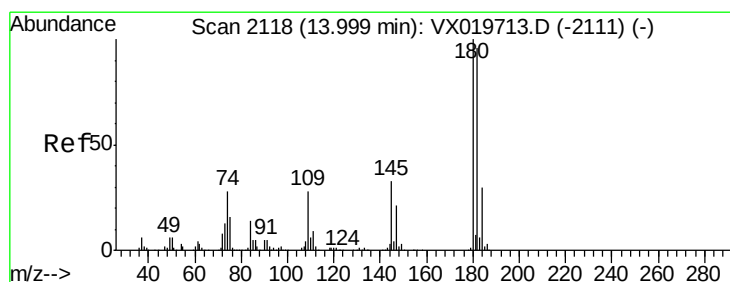
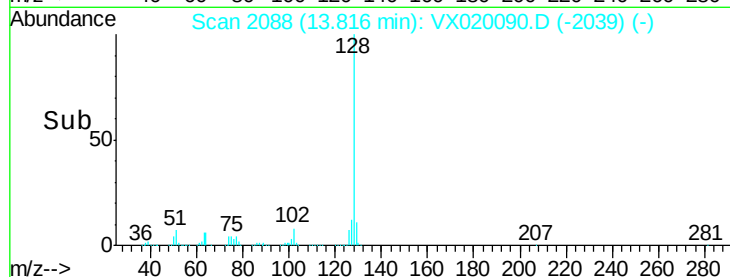
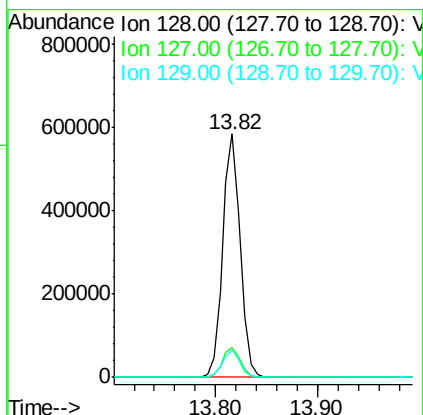
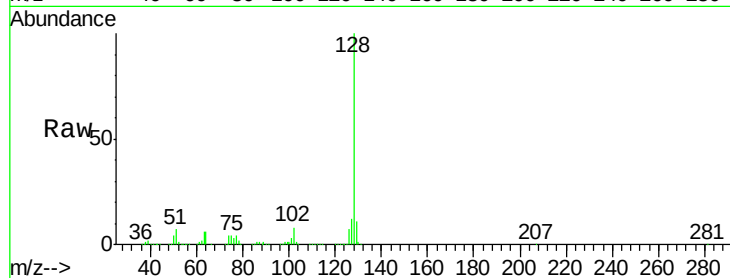




#95
Naphthalene
Concen: 56.726 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 697802
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.879 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX020090.D
Acq: 17 Dec 2020 01:15

Tgt Ion:180 Resp: 196086
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.9
145 33.0 16.1 48.3

