

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019954.D
 Acq On : 13 Dec 2020 00:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 05:30:22 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	260455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	400103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195007	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	166857	48.74	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.48%	
35) Dibromofluoromethane		5.46	113	135788	49.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.38%	
50) Toluene-d8		8.70	98	515609	48.92	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.84%	
62) 4-Bromofluorobenzene		11.12	95	199903	49.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	117171	49.137	ug/l	100
3) Chloromethane	1.31	50	131142	46.763	ug/l	100
4) Vinyl Chloride	1.39	62	151021	51.073	ug/l	99
5) Bromomethane	1.62	94	43243	44.043	ug/l	99
6) Chloroethane	1.70	64	97949	55.142	ug/l	99
7) Trichlorofluoromethane	1.91	101	212705	51.652	ug/l	96
8) Diethyl Ether	2.17	74	91496	52.430	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	126739	53.694	ug/l	98
10) Methyl Iodide	2.49	142	165241	47.494	ug/l	99
11) Tert butyl alcohol	3.02	59	185858	264.247	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123831	51.892	ug/l	98
13) Acrolein	2.27	56	78915	208.853	ug/l	99
14) Allyl chloride	2.70	41	210922	52.334	ug/l	96
15) Acrylonitrile	3.11	53	440061	284.367	ug/l	99
16) Acetone	2.42	43	347698	270.230	ug/l	99
17) Carbon Disulfide	2.55	76	298771	43.634	ug/l	100
18) Methyl Acetate	2.75	43	192955	61.283	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	476293	54.806	ug/l	99
20) Methylene Chloride	2.83	84	157937	53.877	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	141751	50.951	ug/l	99
22) Diisopropyl ether	3.82	45	462089	56.707	ug/l	95
23) Vinyl Acetate	3.78	43	1947034	280.459	ug/l	99
24) 1,1-Dichloroethane	3.67	63	265254	53.980	ug/l	99
25) 2-Butanone	4.63	43	561994	284.251	ug/l	100
26) 2,2-Dichloropropane	4.54	77	189391	44.755	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	167498	51.446	ug/l	100
28) Bromochloromethane	4.98	49	121669	51.940	ug/l	97
29) Tetrahydrofuran	5.09	42	360604	283.088	ug/l	98
30) Chloroform	5.17	83	273611	54.152	ug/l	98
31) Cyclohexane	5.54	56	224097	52.628	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	229975	52.853	ug/l	99
36) 1,1-Dichloropropene	5.76	75	194856	50.481	ug/l	100
37) Ethyl Acetate	4.79	43	211795	54.344	ug/l	99
38) Carbon Tetrachloride	5.75	117	194433	51.438	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	231449	51.036	ug/l	99
40) Benzene	6.11	78	616565	52.290	ug/l	99
41) Methacrylonitrile	5.00	41	118966	55.597	ug/l	100
42) 1,2-Dichloroethane	6.16	62	213080	52.891	ug/l	100
43) Isopropyl Acetate	6.41	43	341448	53.888	ug/l	99
44) Trichloroethene	7.18	130	156497	50.585	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160048	54.310	ug/l	99
46) Dibromomethane	7.63	93	105226	52.875	ug/l	99
47) Bromodichloromethane	7.87	83	210864	53.397	ug/l	100
48) Methyl methacrylate	7.74	41	169751	54.473	ug/l	98
49) 1,4-Dioxane	7.71	88	81038	1073.494	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1099888	284.320	ug/l	100
52) Toluene	8.76	92	383036	51.939	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	225132	51.374	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	249037	52.310	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	161773	54.434	ug/l	99
56) Ethyl methacrylate	9.16	69	247325	55.005	ug/l	99
57) 1,3-Dichloropropane	9.35	76	272669	53.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	676806	284.133	ug/l	99
59) 2-Hexanone	9.47	43	836946	279.113	ug/l	100
60) Dibromochloromethane	9.56	129	163520	54.156	ug/l	100
61) 1,2-Dibromoethane	9.65	107	165344	52.394	ug/l	100
64) Tetrachloroethene	9.32	164	142771	53.210	ug/l	98
65) Chlorobenzene	10.12	112	404348	50.726	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	152393	53.116	ug/l	99
67) Ethyl Benzene	10.23	91	729887	51.585	ug/l	99
68) m/p-Xylenes	10.34	106	549622	103.087	ug/l	99
69) o-Xylene	10.68	106	264241	51.522	ug/l	98
70) Styrene	10.70	104	457334	52.830	ug/l	100
71) Bromoform	10.84	173	117022	51.848	ug/l #	97
73) Isopropylbenzene	11.00	105	718136	53.903	ug/l	99
74) N-amyl acetate	10.88	43	295829	55.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	258490	55.032	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	289984	66.302	ug/l	89
77) Bromobenzene	11.24	156	177423	52.039	ug/l	99
78) n-propylbenzene	11.34	91	818949	53.819	ug/l	99
79) 2-Chlorotoluene	11.40	91	494240	52.743	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	600743	53.428	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77069	50.939	ug/l	98
82) 4-Chlorotoluene	11.49	91	584325	53.243	ug/l	99
83) tert-Butylbenzene	11.76	119	587897	53.311	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	617265	54.498	ug/l	99
85) sec-Butylbenzene	11.93	105	692574	55.008	ug/l	100
86) p-Isopropyltoluene	12.05	119	636913	55.197	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	320935	51.287	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	321379	50.424	ug/l	99
89) n-Butylbenzene	12.37	91	551928	53.988	ug/l	100
90) Hexachloroethane	12.58	117	106161	53.290	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	318555	52.221	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55943	55.402	ug/l	97

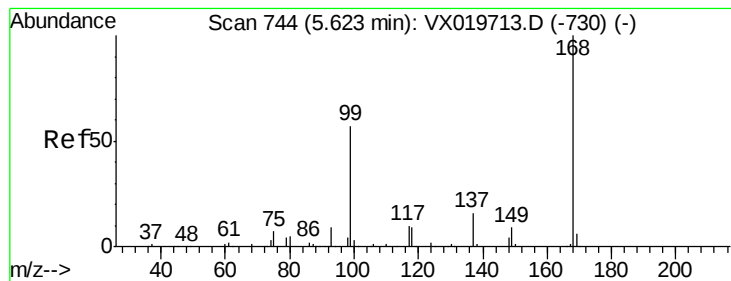
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216542	54.533	ug/l	98
94) Hexachlorobutadiene	13.76	225	97090	54.705	ug/l	98
95) Naphthalene	13.82	128	735137	57.104	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	220382	56.789	ug/l	97

(#) = 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: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

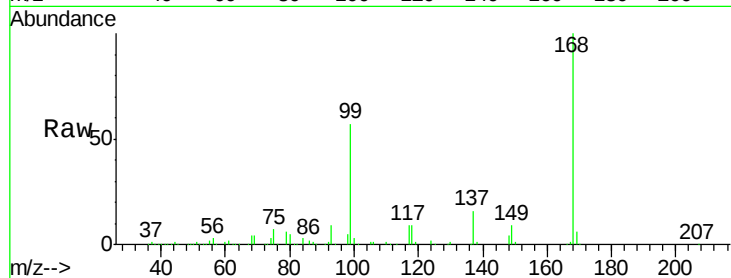
VSTDCCC050

Tgt Ion:168 Resp: 260455

Ion Ratio Lower Upper

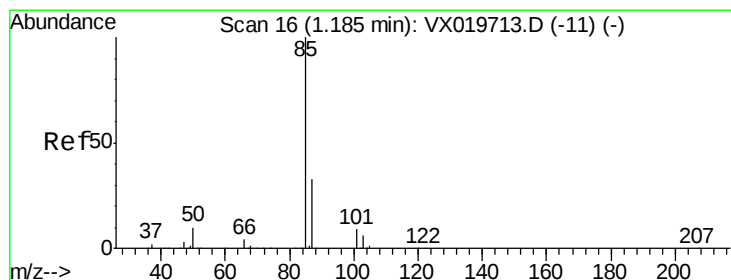
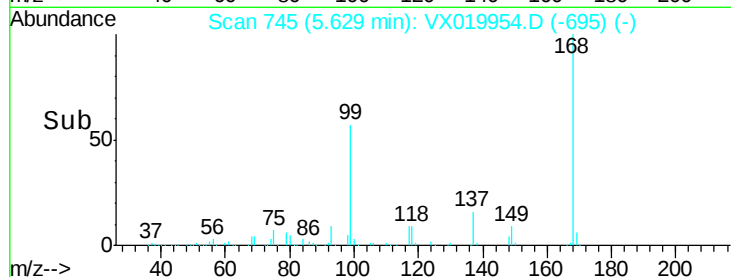
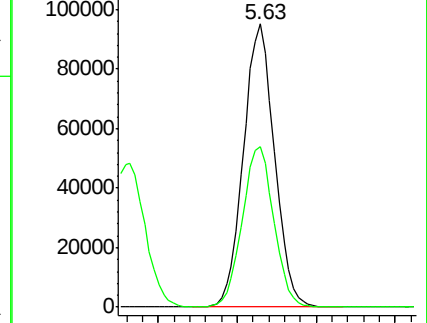
168 100

99 56.8 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: 49.137 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019954.D

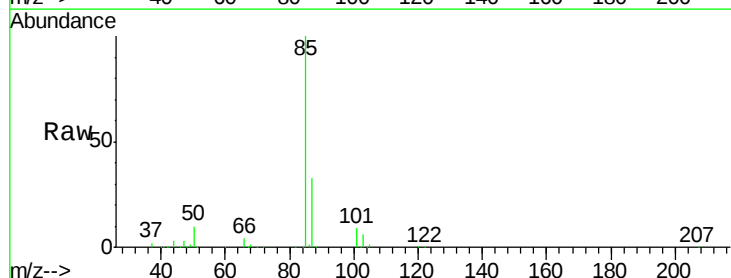
Acq: 13 Dec 2020 00:09

Tgt Ion: 85 Resp: 117171

Ion Ratio Lower Upper

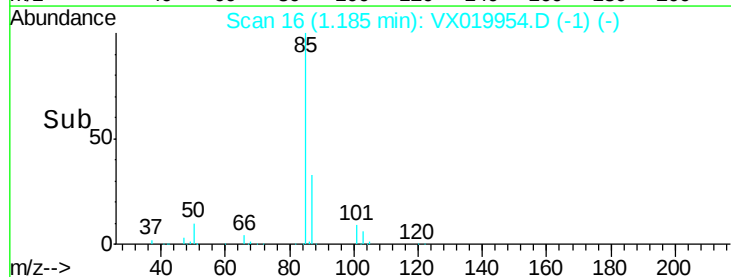
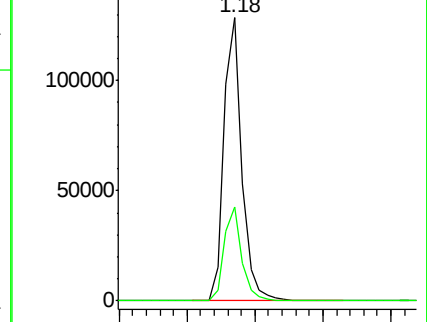
85 100

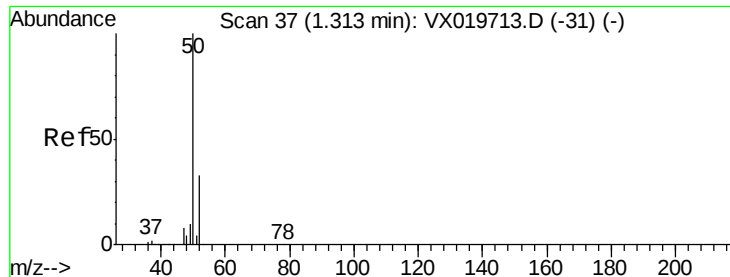
87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.763 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

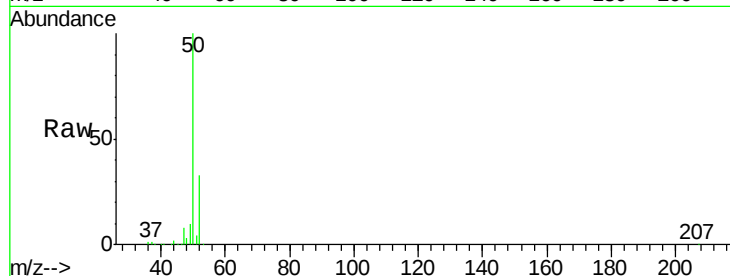
VSTDCCC050

Tgt Ion: 50 Resp: 131142

Ion Ratio Lower Upper

50 100

52 33.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

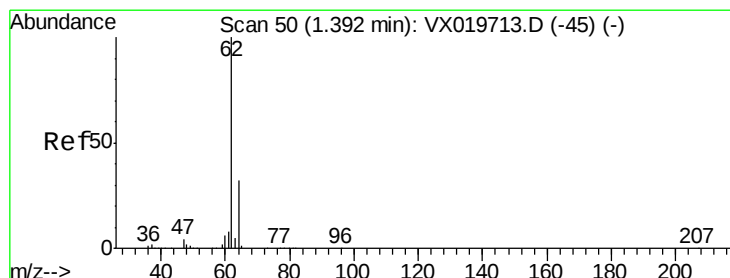
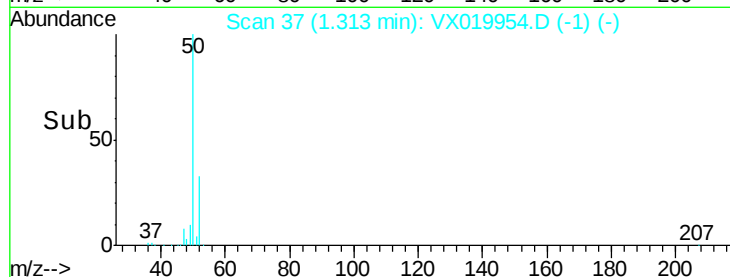
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.073 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019954.D

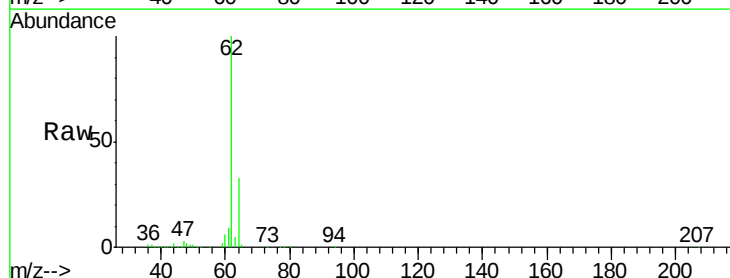
Acq: 13 Dec 2020 00:09

Tgt Ion: 62 Resp: 151021

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

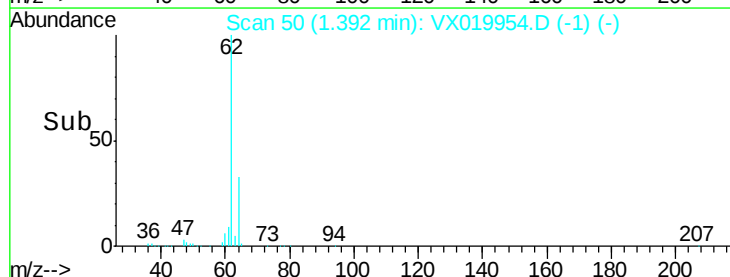
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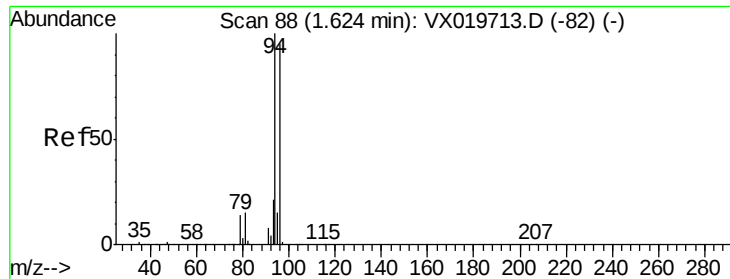
100000

50000

0

Time-->





#5

Bromomethane

Concen: 44.043 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

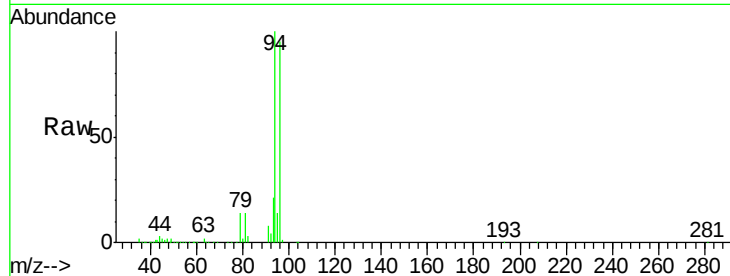
VSTDCCC050

Tgt Ion: 94 Resp: 43243

Ion Ratio Lower Upper

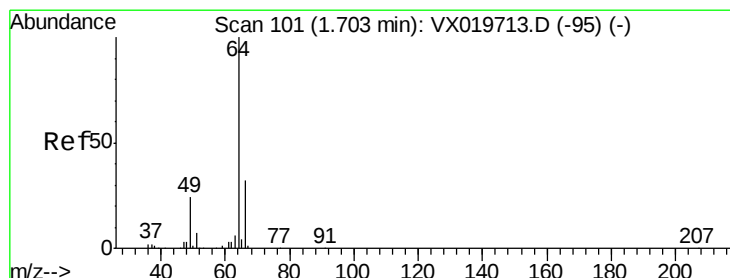
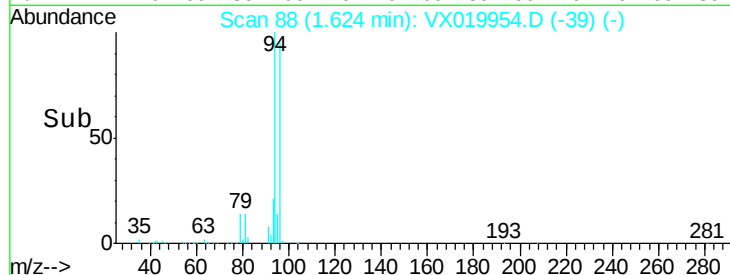
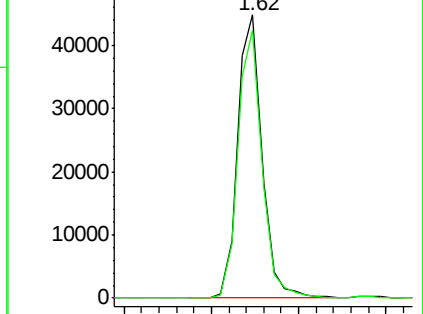
94 100

96 94.7 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: 55.142 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019954.D

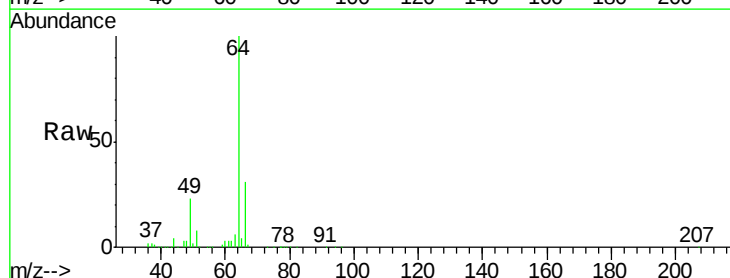
Acq: 13 Dec 2020 00:09

Tgt Ion: 64 Resp: 97949

Ion Ratio Lower Upper

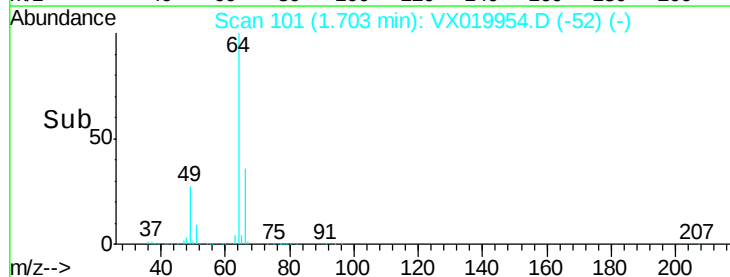
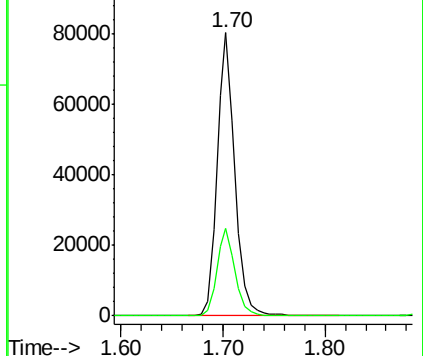
64 100

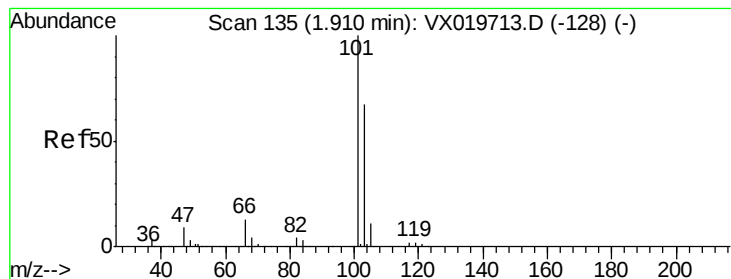
66 31.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



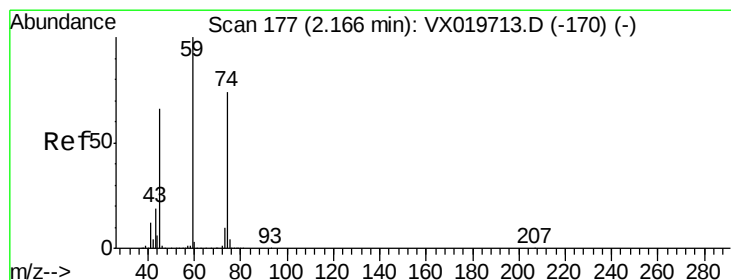
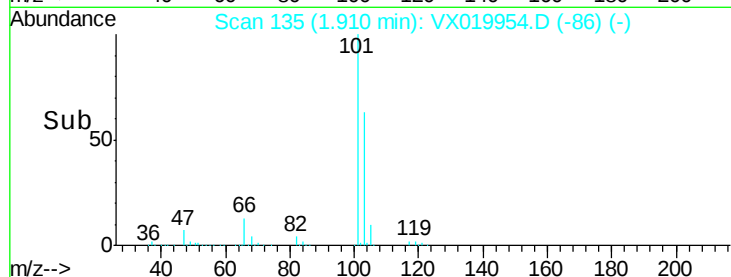
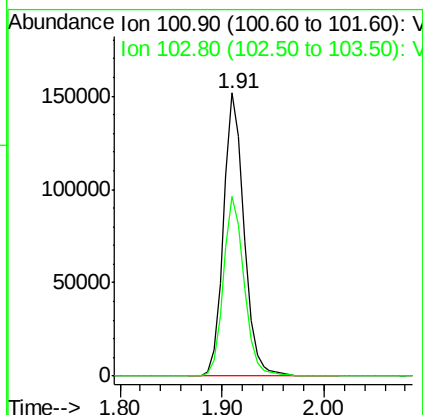
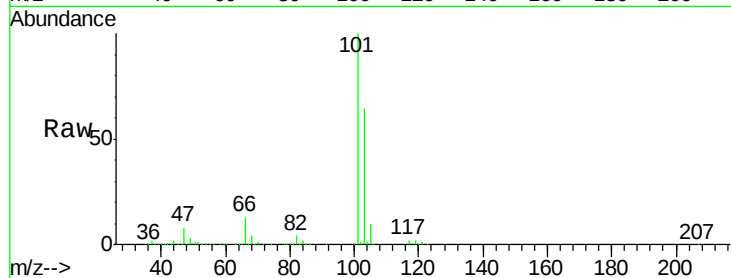


#7

Trichlorofluoromethane
 Concen: 51.652 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

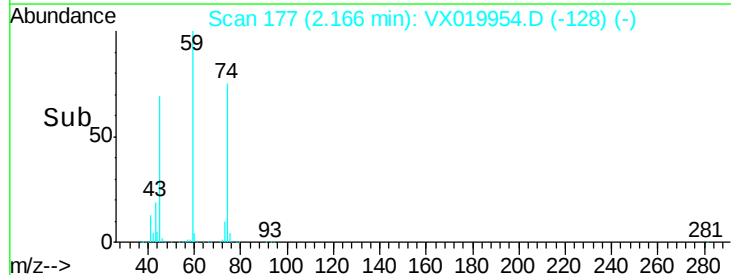
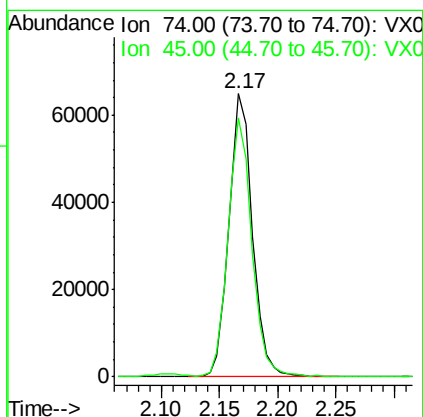
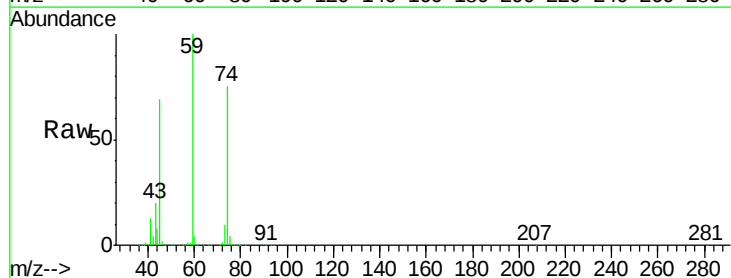
Tgt Ion:101 Resp: 212705
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.2 79.8

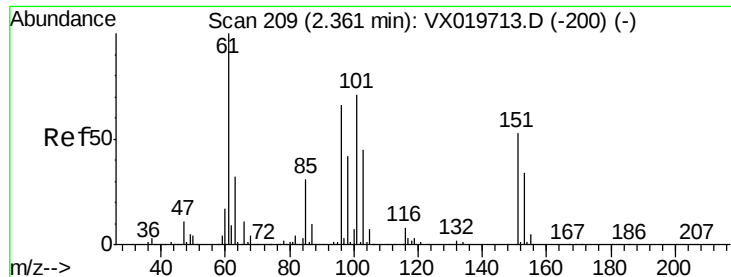


#8

Diethyl Ether
 Concen: 52.430 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion: 74 Resp: 91496
 Ion Ratio Lower Upper
 74 100
 45 91.4 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.694 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

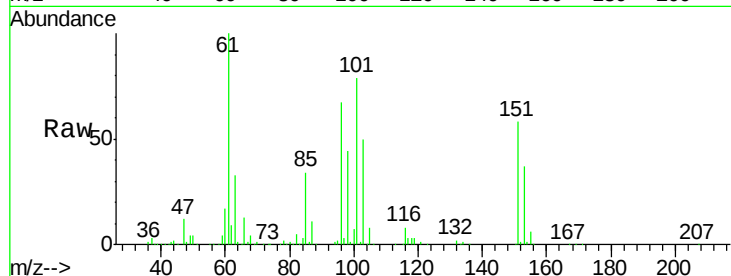
Tgt Ion:101 Resp: 126739

Ion Ratio Lower Upper

101 100

85 43.0 34.9 52.3

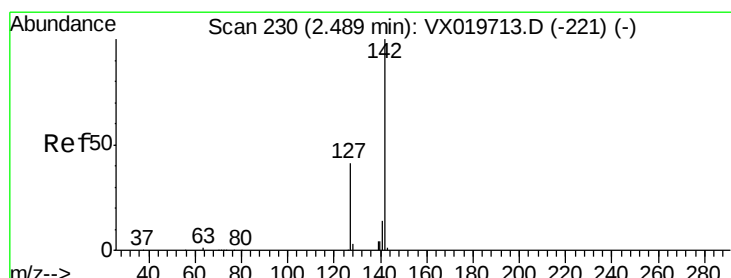
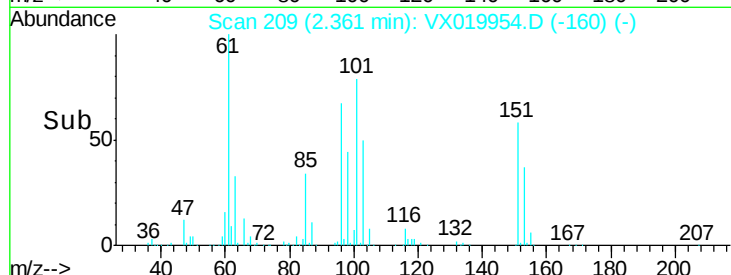
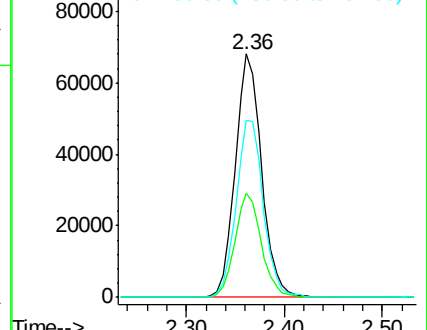
151 75.2 61.4 92.2



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: 47.494 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

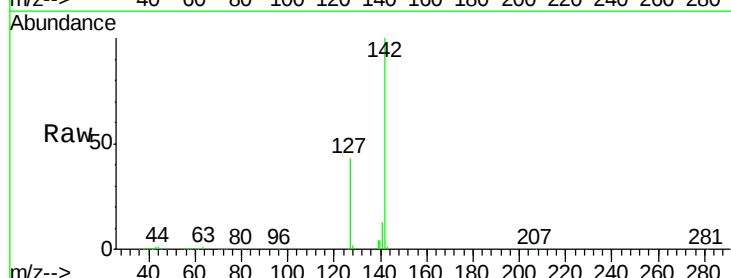
Tgt Ion:142 Resp: 165241

Ion Ratio Lower Upper

142 100

127 42.3 33.3 49.9

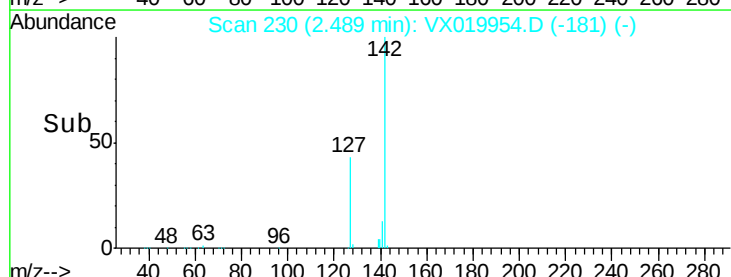
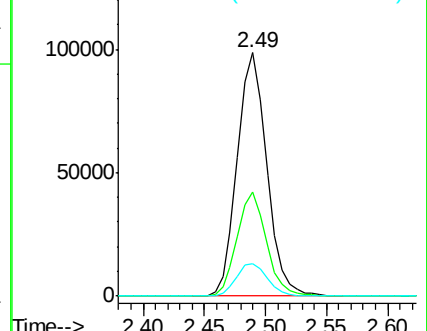
141 14.1 11.4 17.0

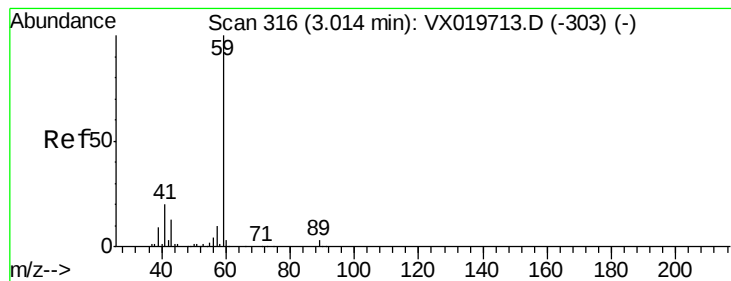


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



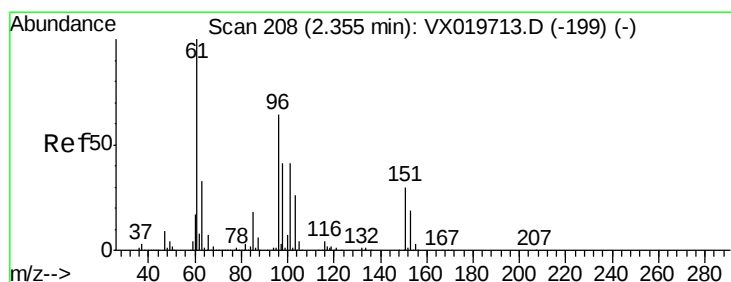
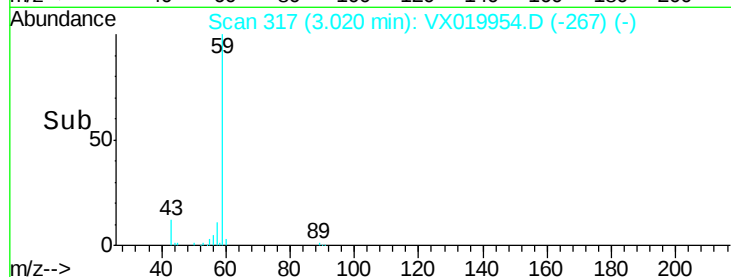
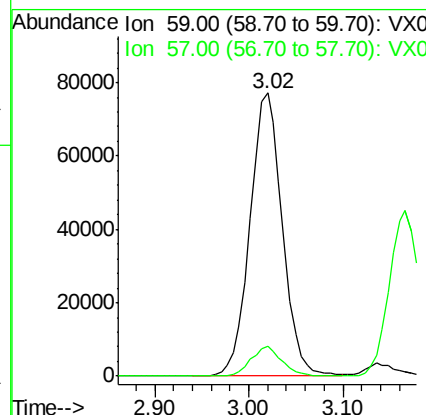
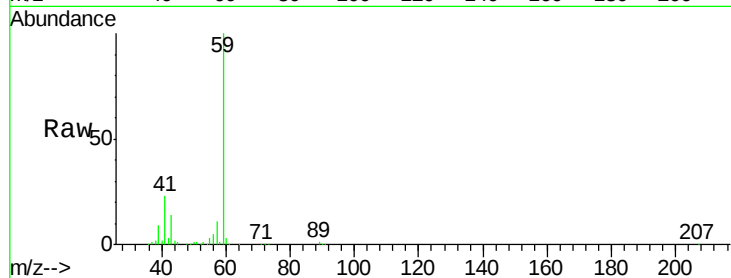


#11

Tert butyl alcohol
 Concen: 264.247 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

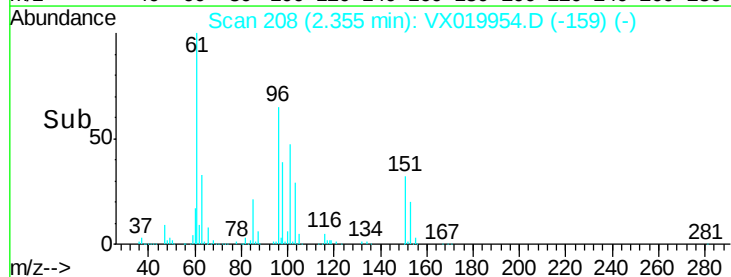
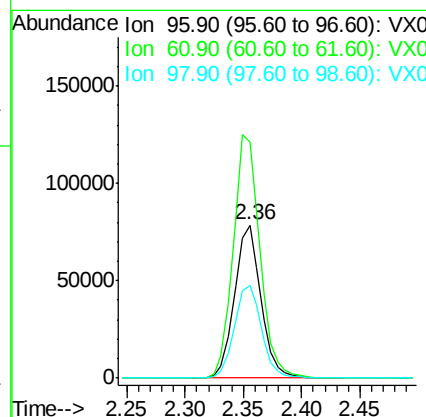
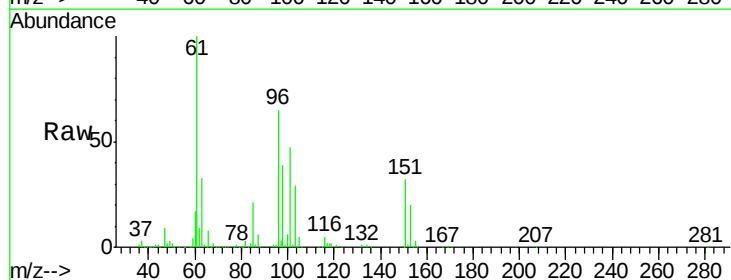
Tgt Ion: 59 Resp: 185858
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.8

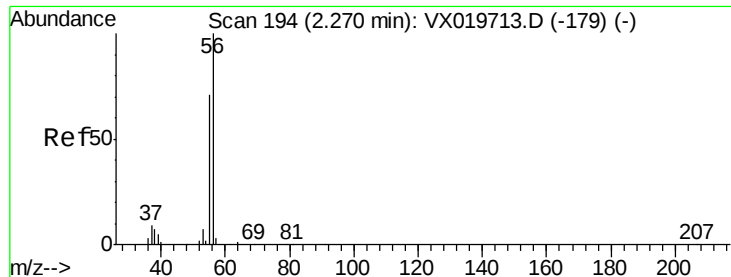


#12

1,1-Dichloroethene
 Concen: 51.892 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion: 96 Resp: 123831
 Ion Ratio Lower Upper
 96 100
 61 153.7 124.6 187.0
 98 60.5 50.6 76.0





#13

Acrolein

Concen: 208.853 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

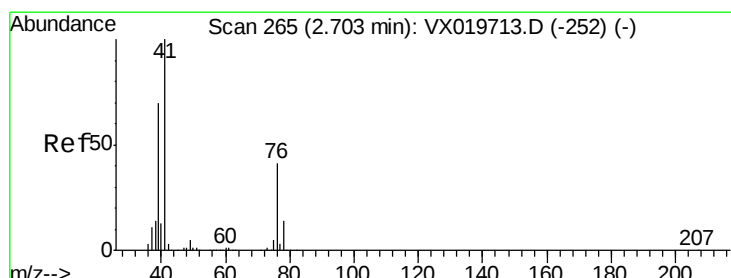
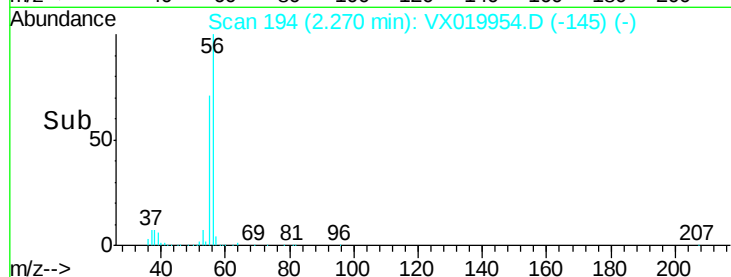
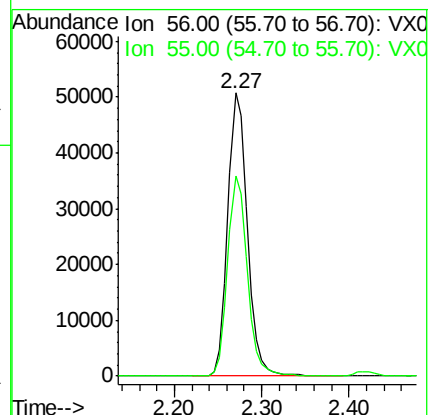
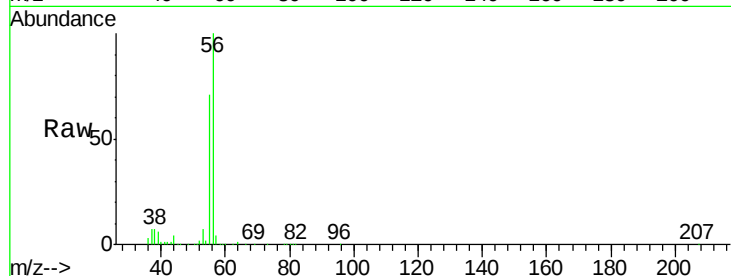
VSTDCCC050

Tgt Ion: 56 Resp: 78915

Ion Ratio Lower Upper

56 100

55 71.4 56.4 84.6



#14

Allyl chloride

Concen: 52.334 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

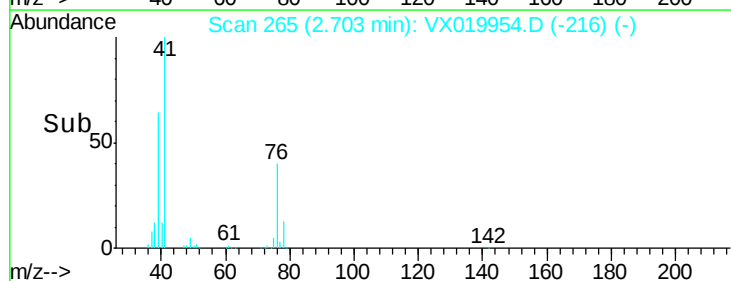
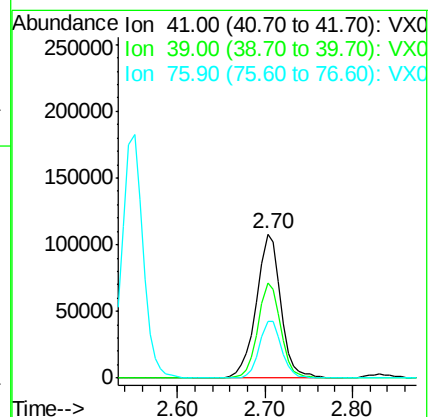
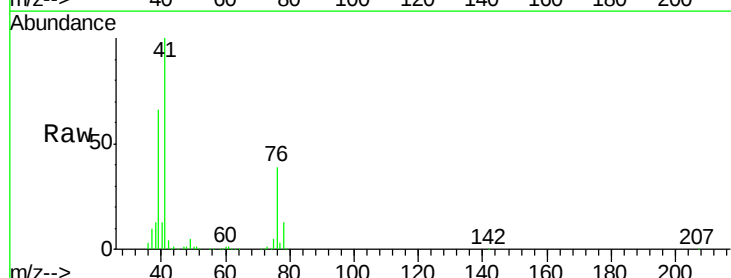
Tgt Ion: 41 Resp: 210922

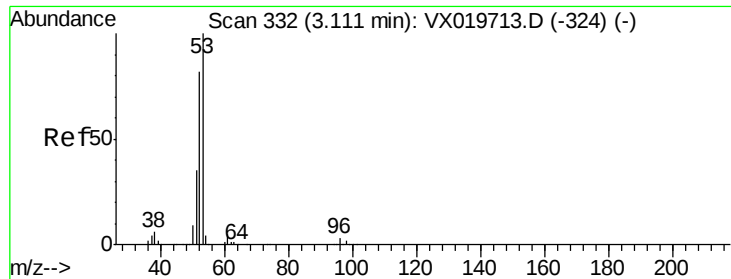
Ion Ratio Lower Upper

41 100

39 61.6 51.6 77.4

76 36.1 30.5 45.7





#15

Acrylonitrile

Concen: 284.367 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

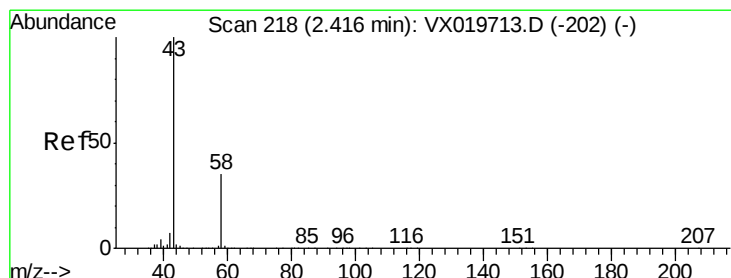
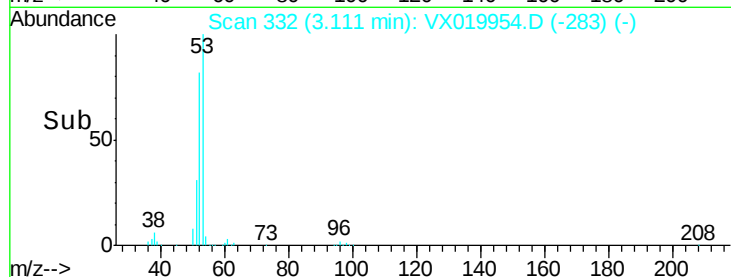
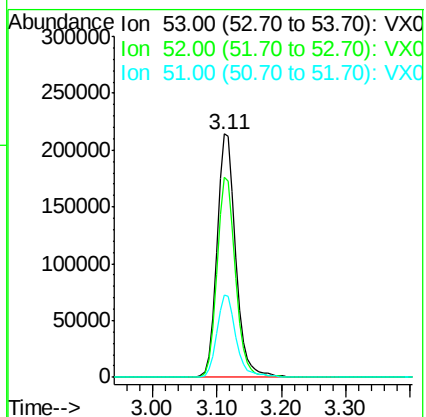
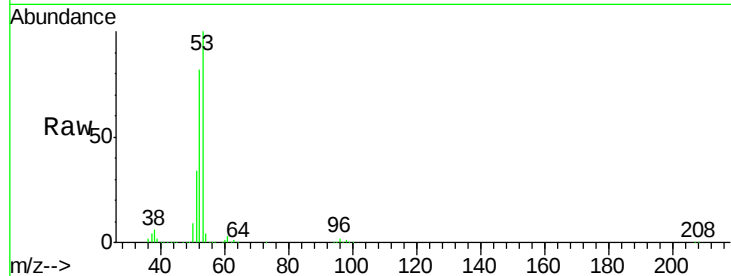
Tgt Ion: 53 Resp: 440061

Ion Ratio Lower Upper

53 100

52 81.3 65.3 97.9

51 34.6 28.2 42.2



#16

Acetone

Concen: 270.230 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019954.D

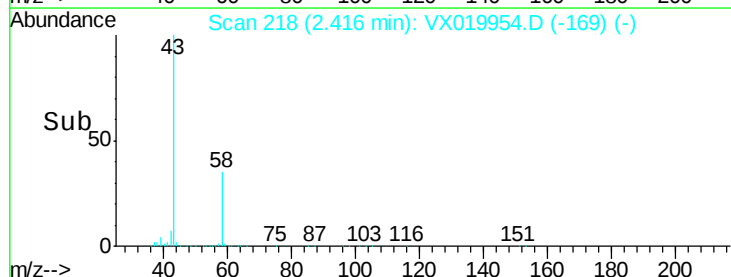
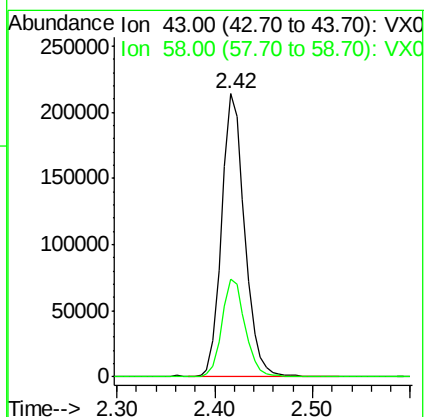
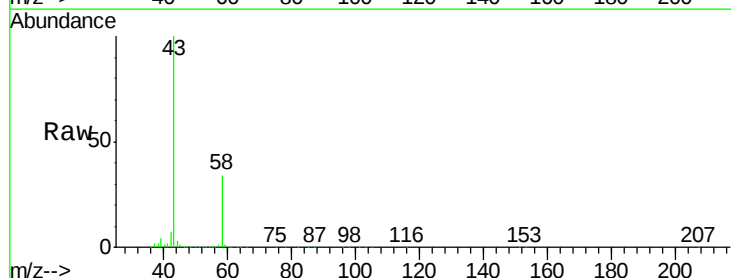
Acq: 13 Dec 2020 00:09

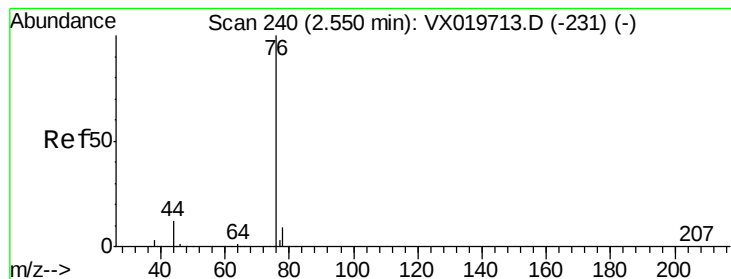
Tgt Ion: 43 Resp: 347698

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8





#17

Carbon Disulfide

Concen: 43.634 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

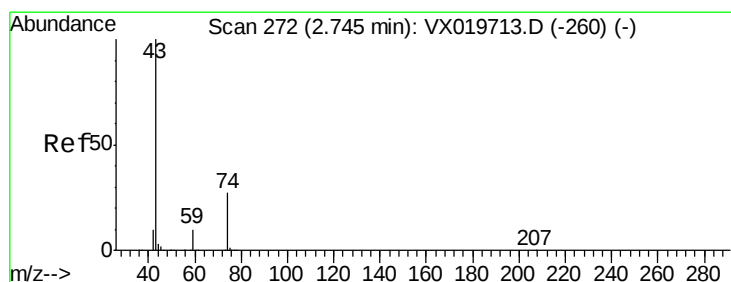
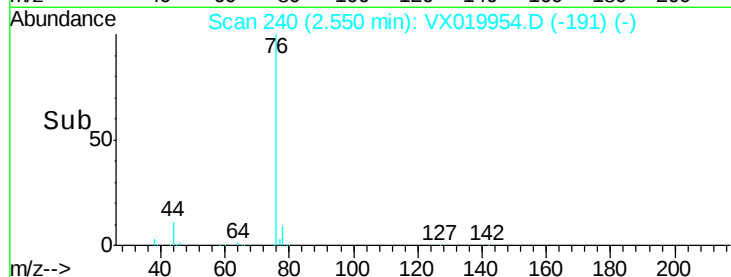
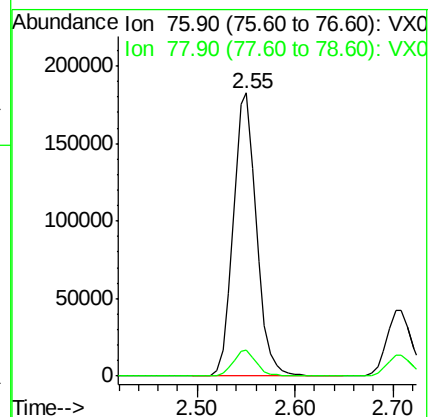
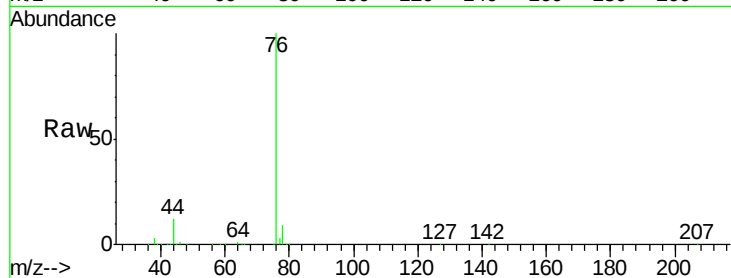
VSTDCCC050

Tgt Ion: 76 Resp: 298771

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 61.283 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019954.D

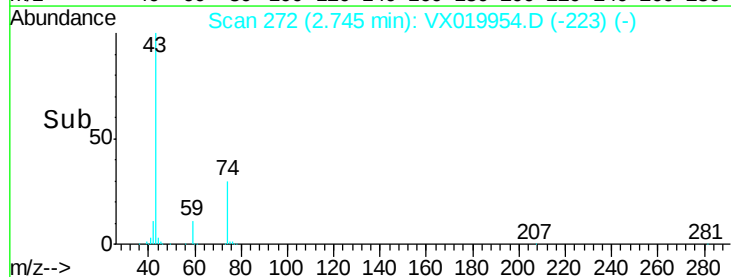
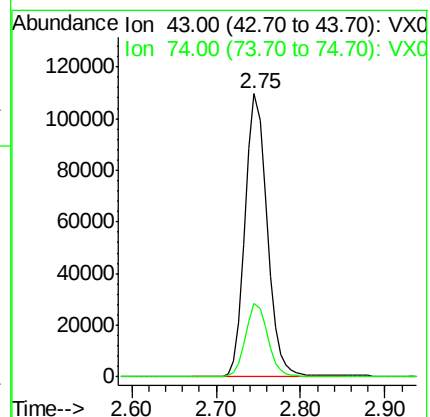
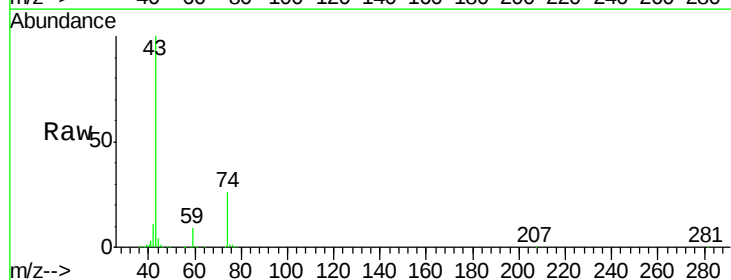
Acq: 13 Dec 2020 00:09

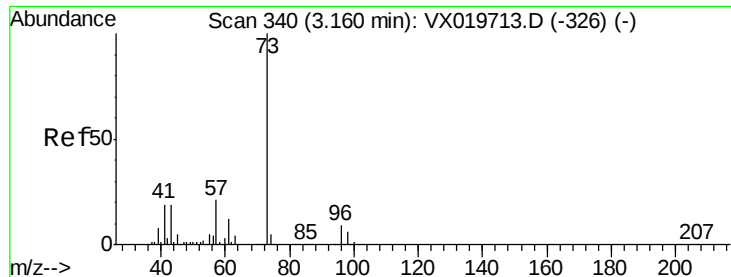
Tgt Ion: 43 Resp: 192955

Ion Ratio Lower Upper

43 100

74 26.7 21.9 32.9

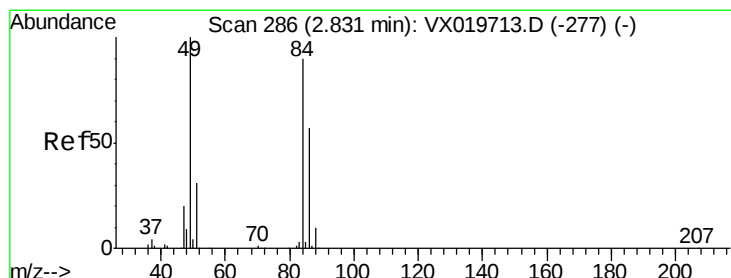
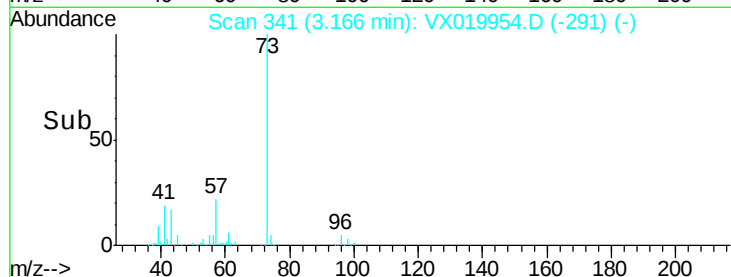
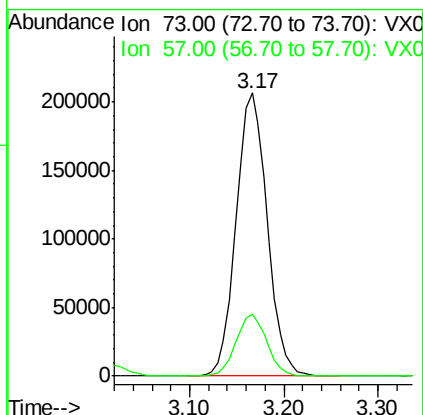
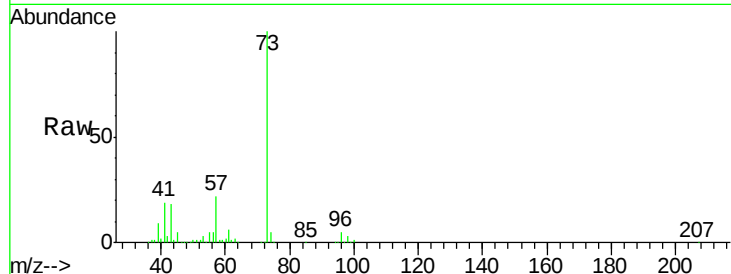




#19
Methyl tert-butyl Ether
Concen: 54.806 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

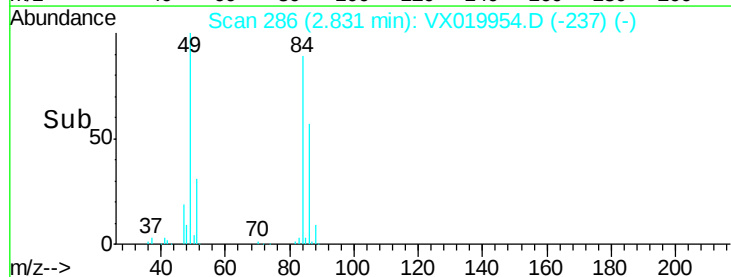
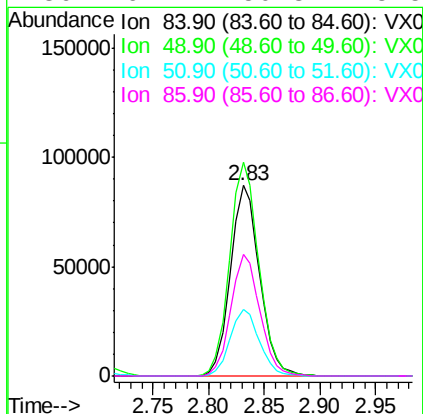
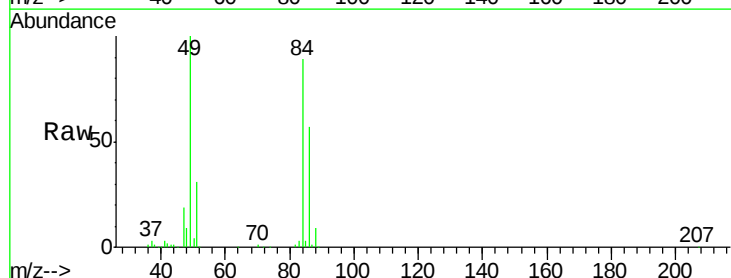
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

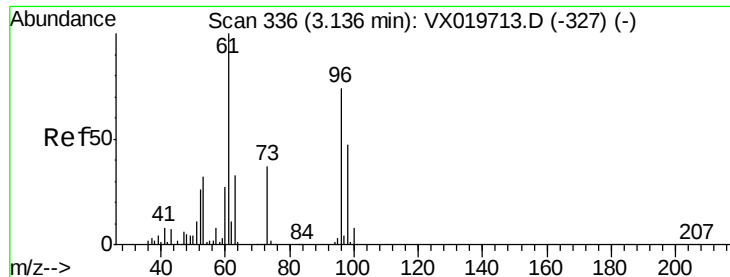
Tgt Ion: 73 Resp: 476293
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 53.877 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion: 84 Resp: 157937
Ion Ratio Lower Upper
84 100
49 112.1 88.6 132.8
51 35.0 27.0 40.6
86 64.1 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 50.951 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

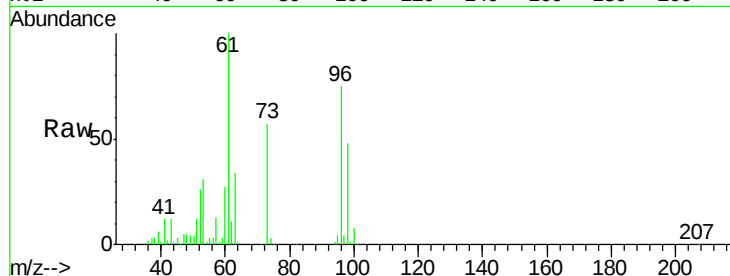
Tgt Ion: 96 Resp: 141751

Ion Ratio Lower Upper

96 100

61 133.8 107.7 161.5

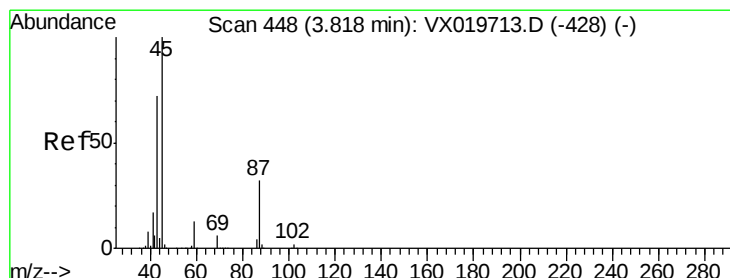
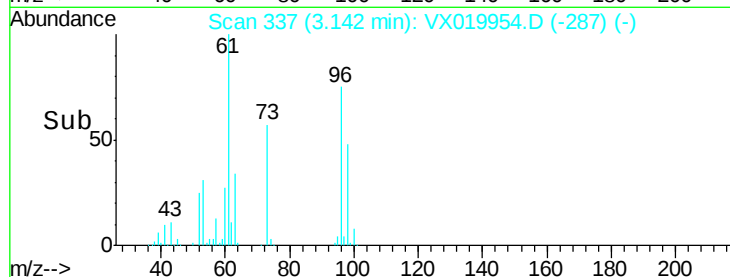
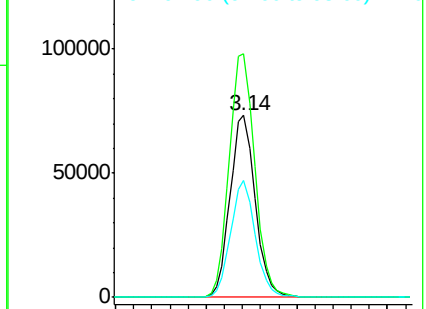
98 64.1 50.4 75.6



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: 56.707 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Tgt Ion: 45 Resp: 462089

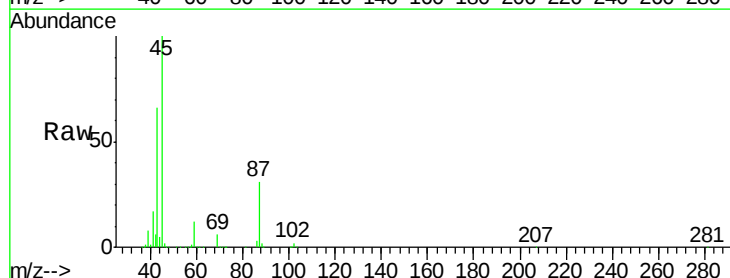
Ion Ratio Lower Upper

45 100

43 66.2 58.0 87.0

87 30.5 25.4 38.0

59 12.5 10.2 15.2

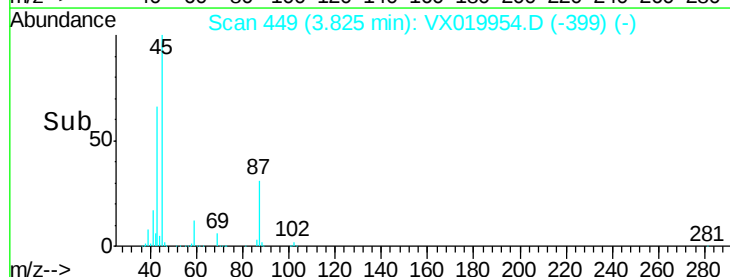
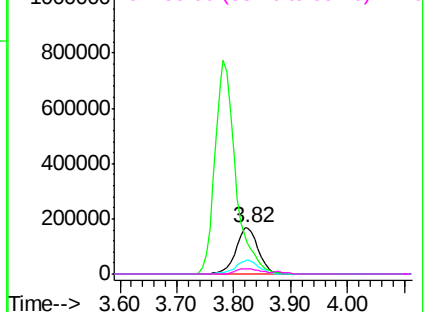


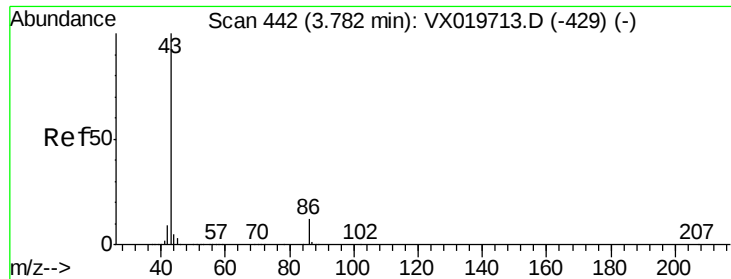
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

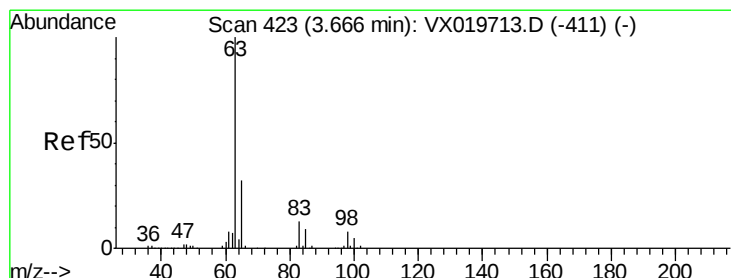
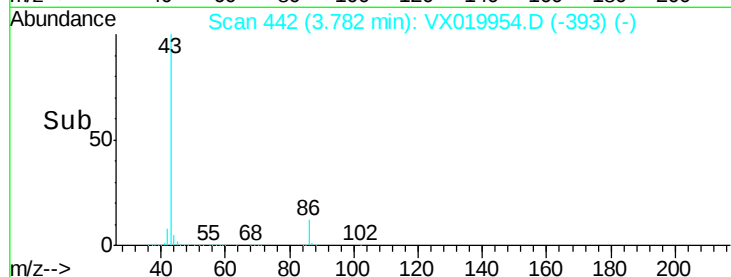
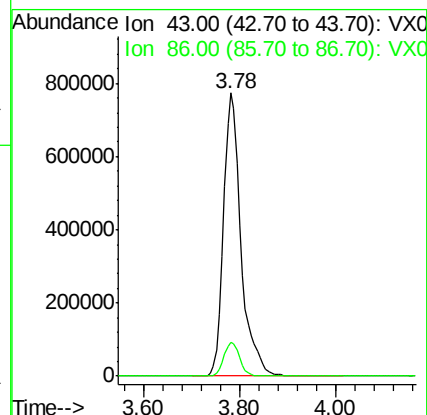
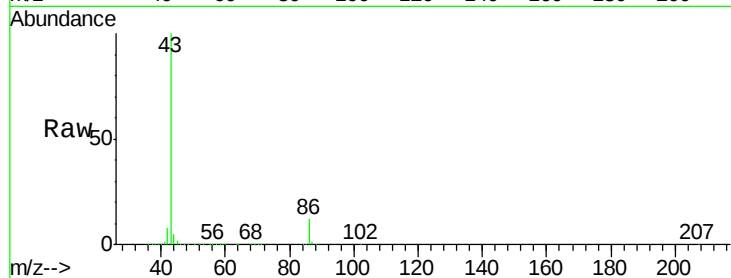




#23
 Vinyl Acetate
 Concen: 280.459 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

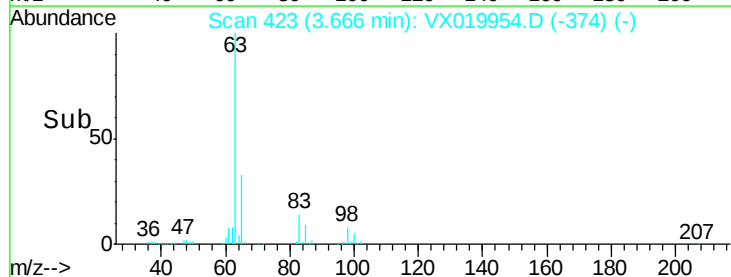
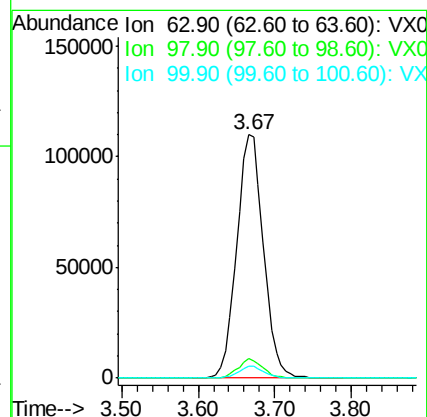
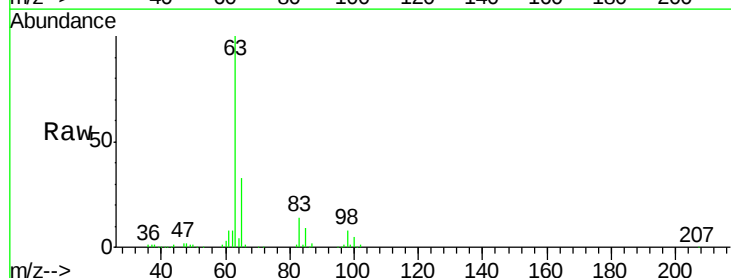
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

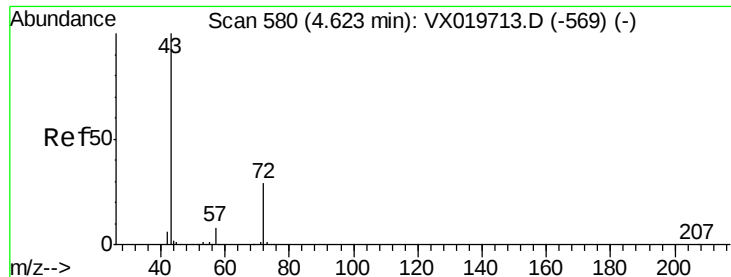
Tgt Ion: 43 Resp: 1947034
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 53.980 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion: 63 Resp: 265254
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 284.251 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

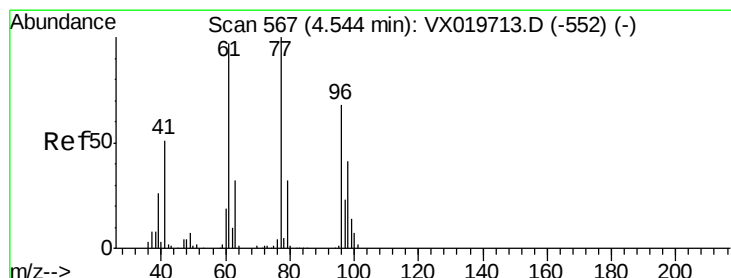
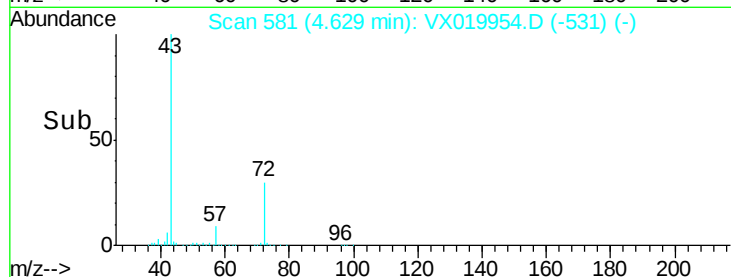
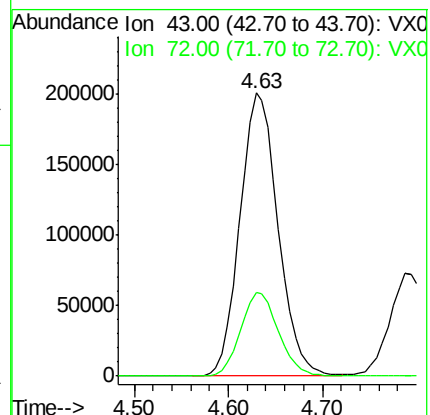
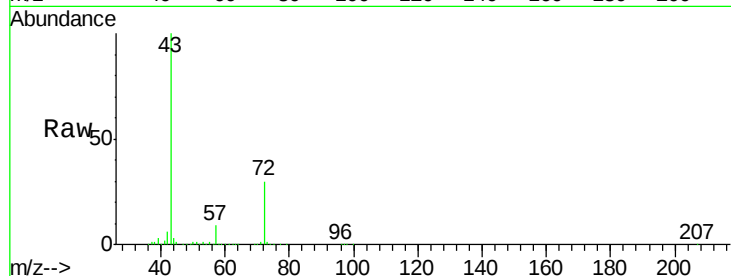
VSTDCCC050

Tgt Ion: 43 Resp: 561994

Ion Ratio Lower Upper

43 100

72 29.6 23.7 35.5



#26

2,2-Dichloropropane

Concen: 44.755 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019954.D

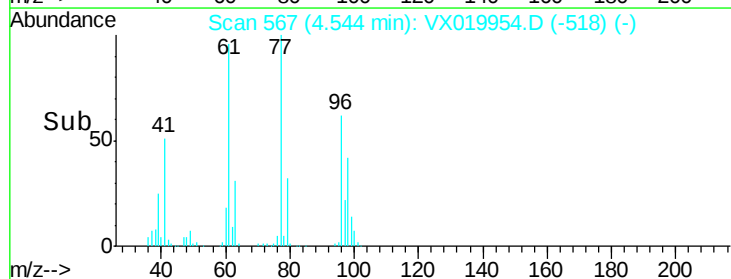
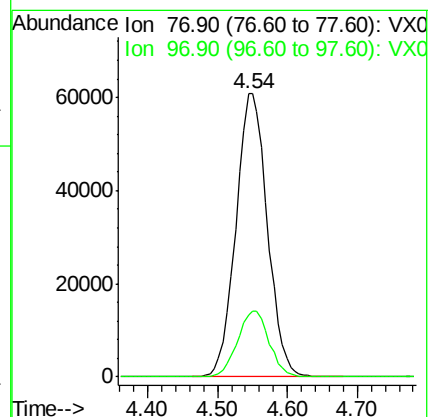
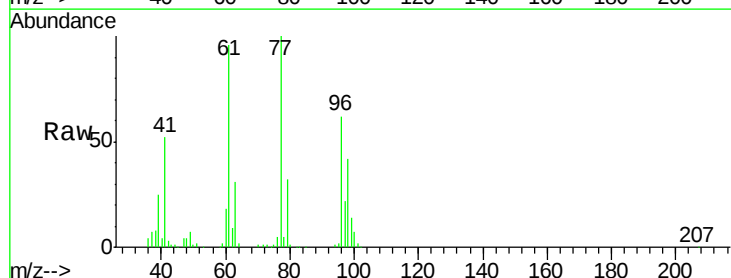
Acq: 13 Dec 2020 00:09

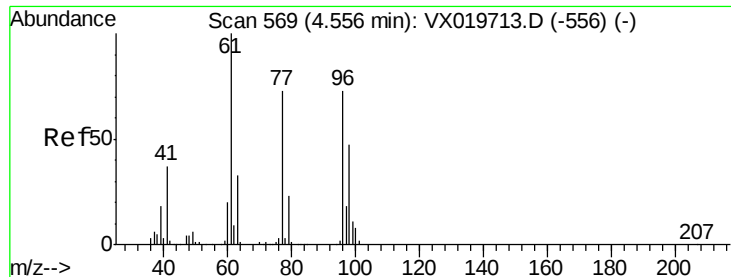
Tgt Ion: 77 Resp: 189391

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



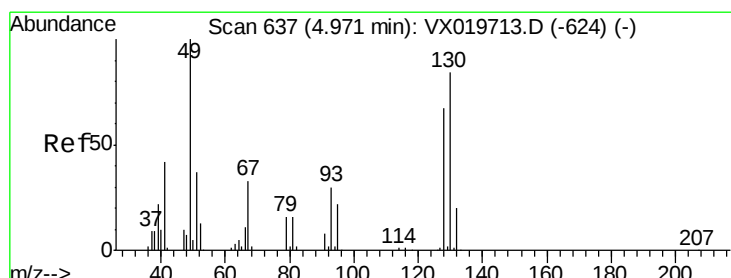
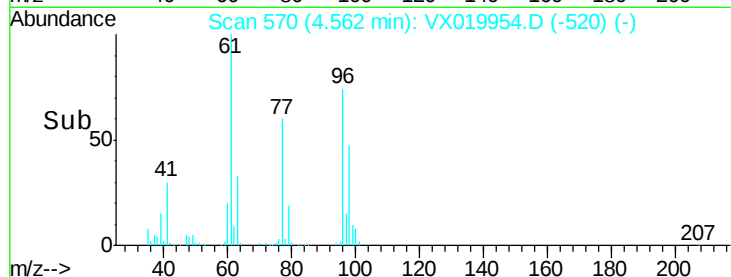
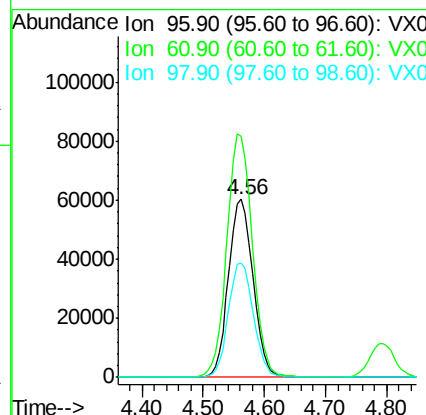
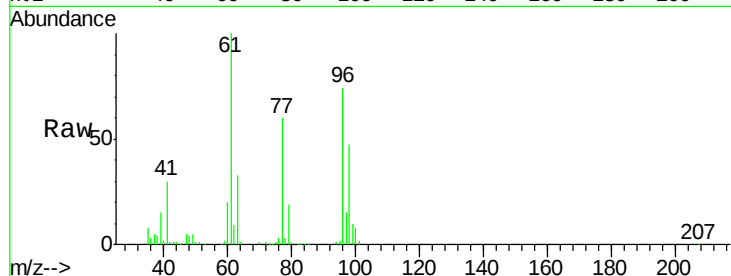


#27

cis-1,2-Dichloroethene
Concen: 51.446 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

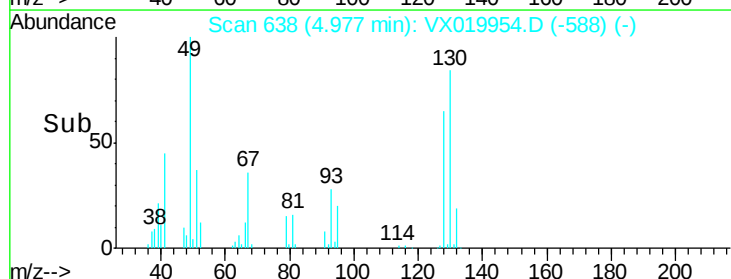
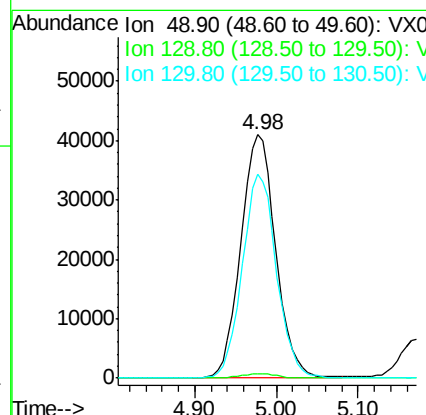
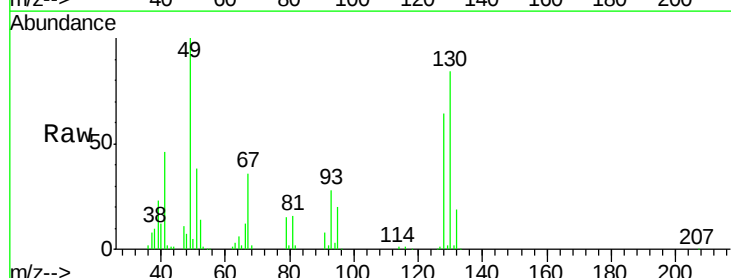
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	285.6
98	65.2	0.0	129.6

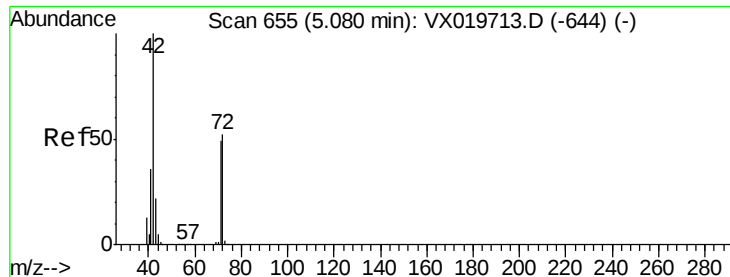


#28

Bromochloromethane
Concen: 51.940 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	82.1	68.2	102.2

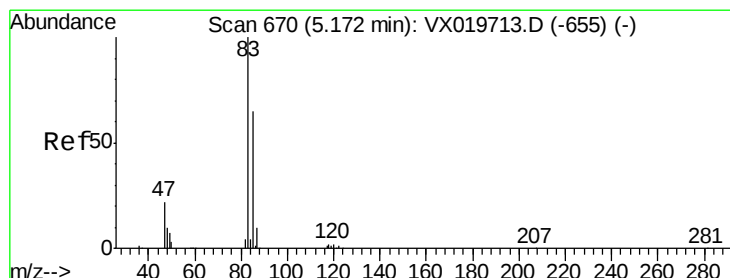
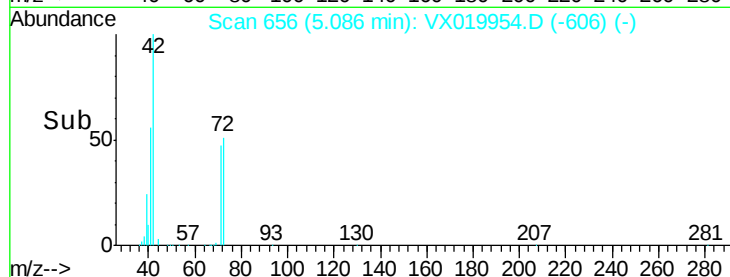
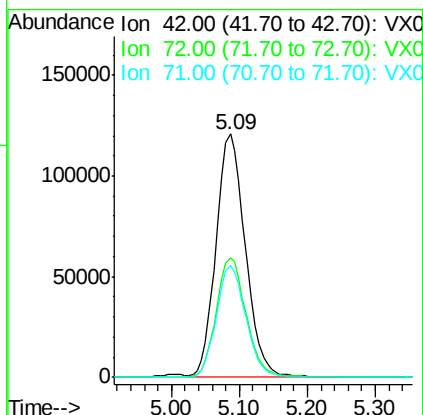
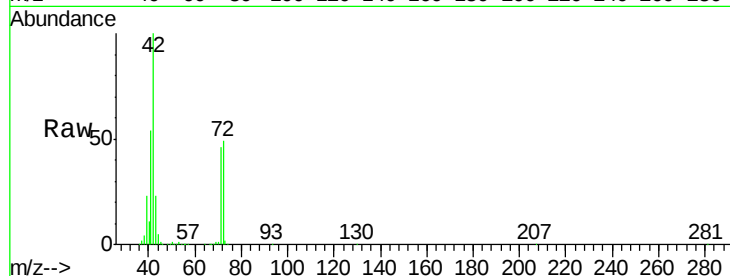




#29
Tetrahydrofuran
Concen: 283.088 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

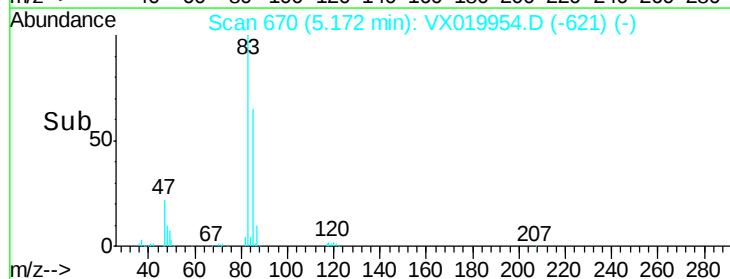
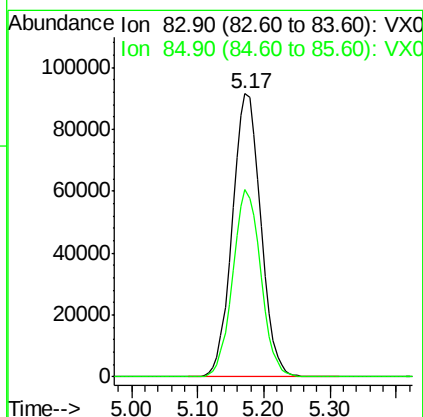
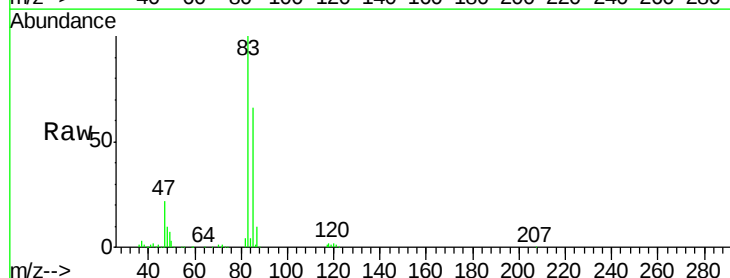
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

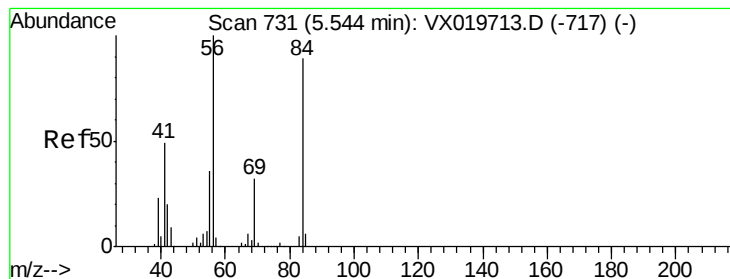
Tgt Ion: 42 Resp: 360604
Ion Ratio Lower Upper
42 100
72 50.6 41.7 62.5
71 46.5 38.4 57.6



#30
Chloroform
Concen: 54.152 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion: 83 Resp: 273611
Ion Ratio Lower Upper
83 100
85 66.2 52.0 78.0





#31

Cyclohexane

Concen: 52.628 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

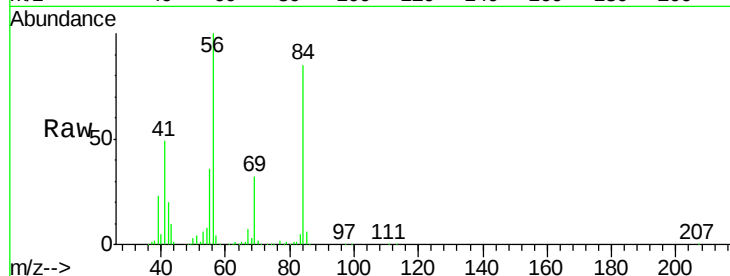
Tgt Ion: 56 Resp: 224097

Ion Ratio Lower Upper

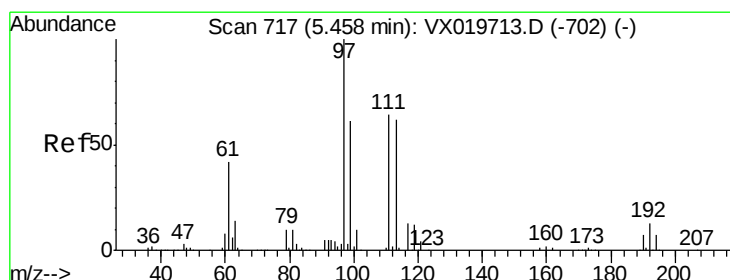
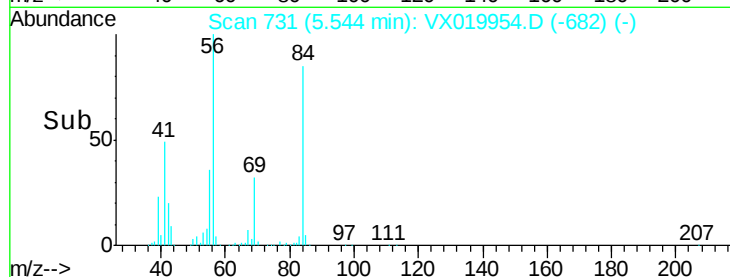
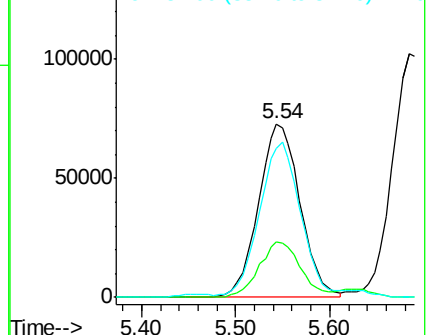
56 100

69 32.3 25.3 37.9

84 83.9 71.4 107.0



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



#32

1,1,1-Trichloroethane

Concen: 52.853 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

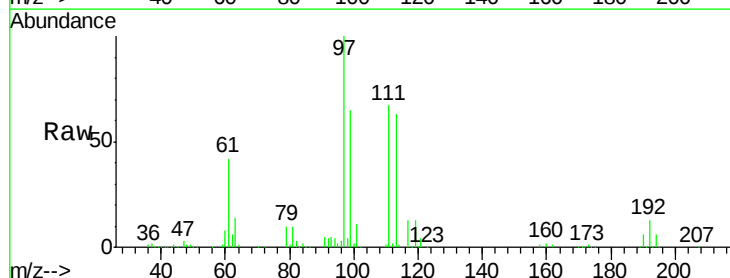
Tgt Ion: 97 Resp: 229975

Ion Ratio Lower Upper

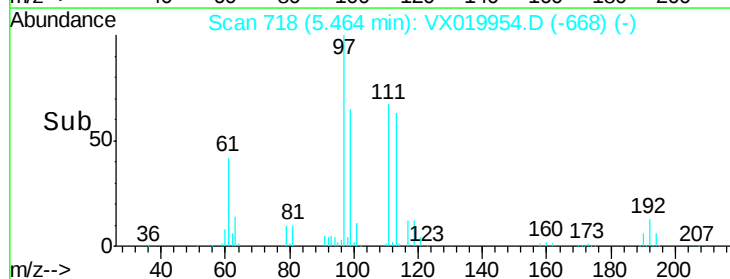
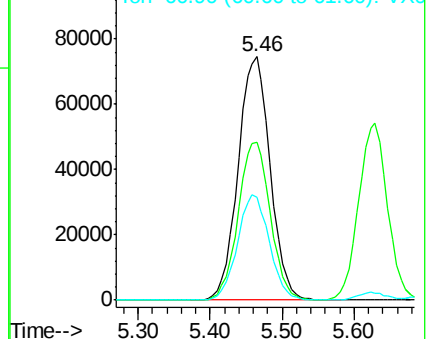
97 100

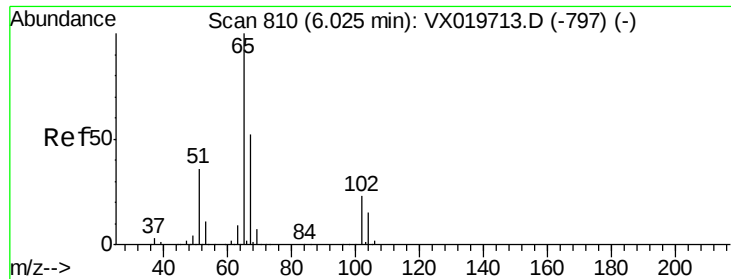
99 65.2 51.5 77.3

61 43.1 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: 48.744 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

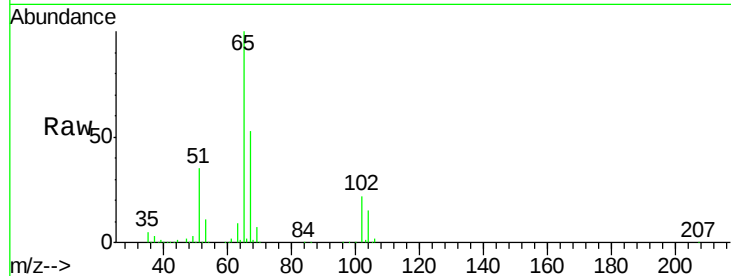
VSTDCCC050

Tgt Ion: 65 Resp: 166857

Ion Ratio Lower Upper

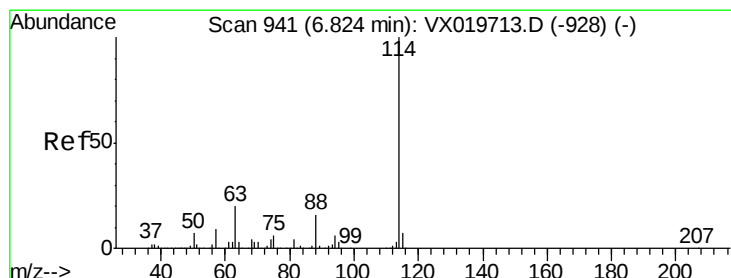
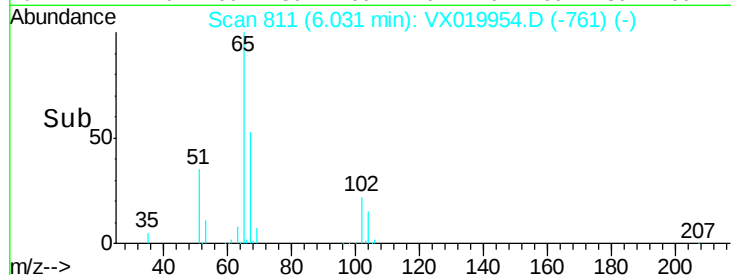
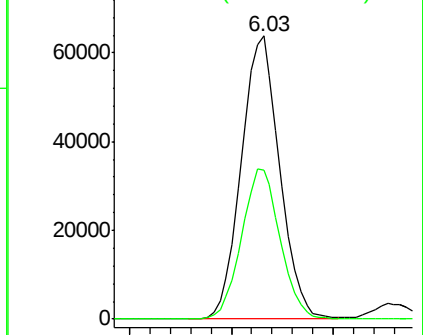
65 100

67 53.4 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

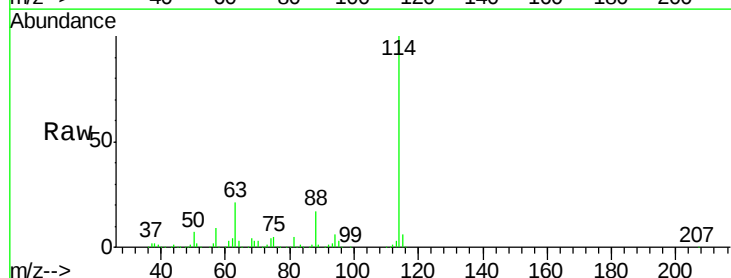
Tgt Ion: 114 Resp: 427166

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

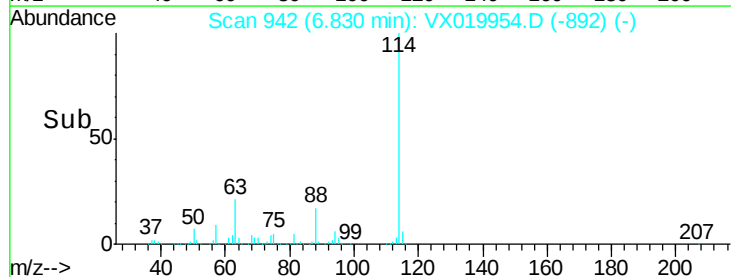
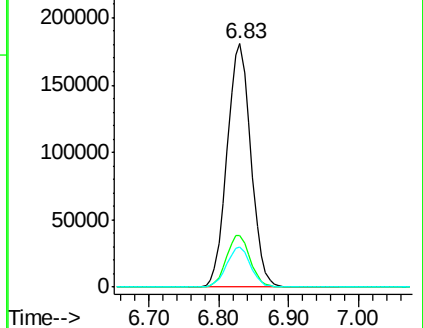
88 16.6 0.0 32.8

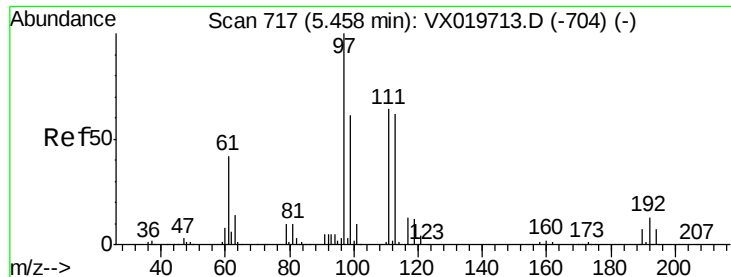


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

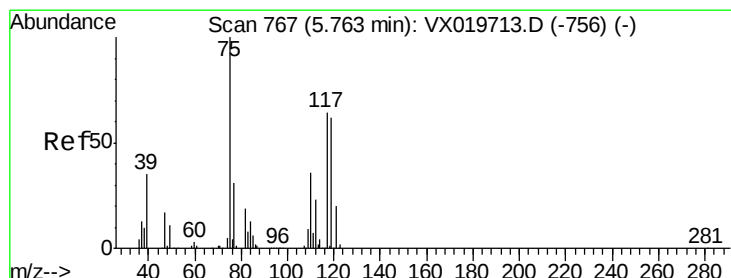
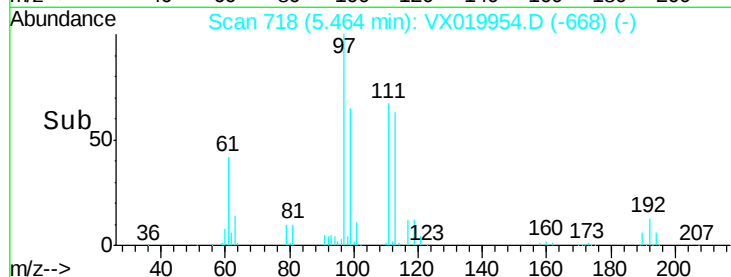
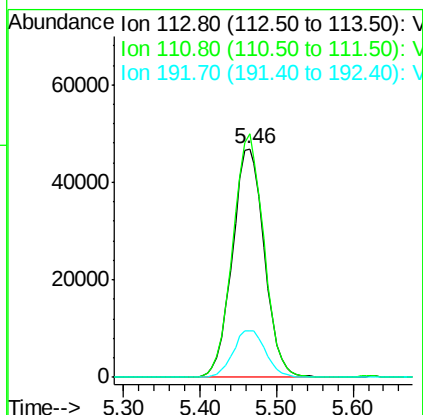
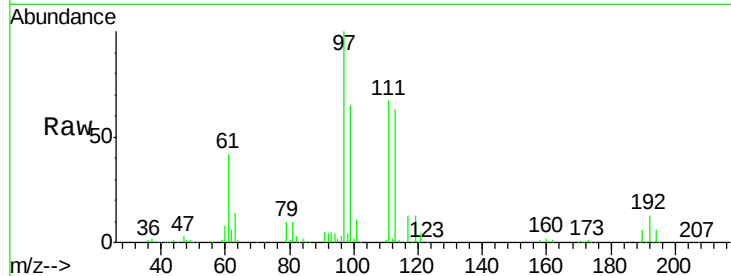




#35
Dibromofluoromethane
Concen: 49.186 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

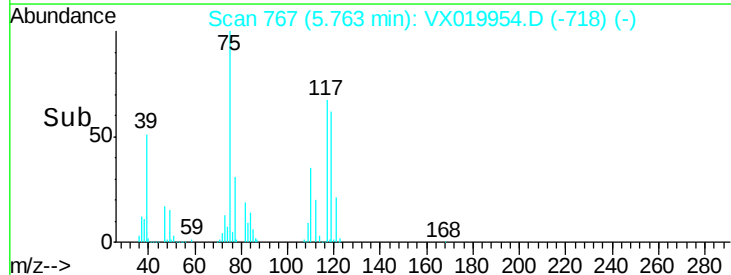
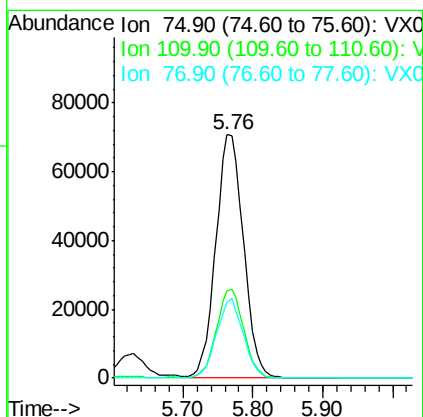
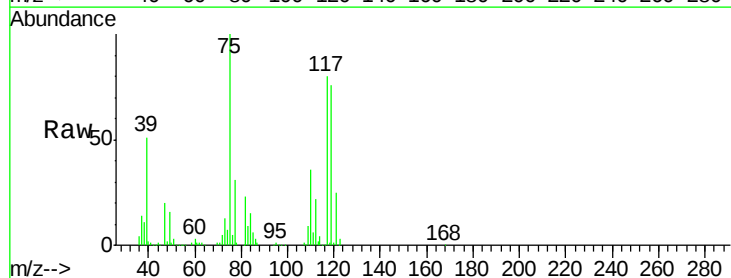
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

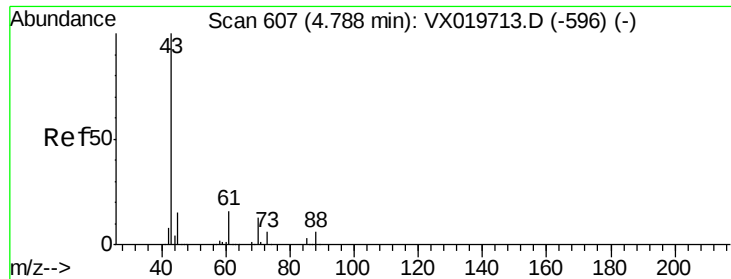
Tgt Ion:113 Resp: 135788
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 21.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 50.481 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion: 75 Resp: 194856
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.4
77 31.4 25.3 37.9

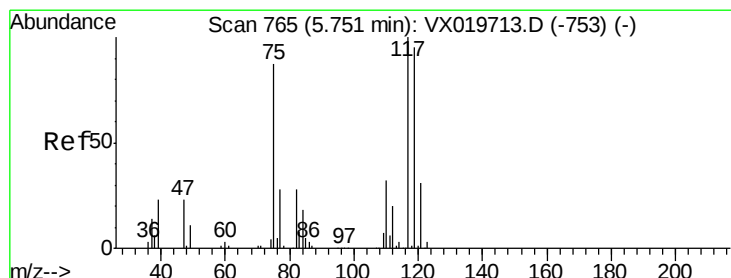
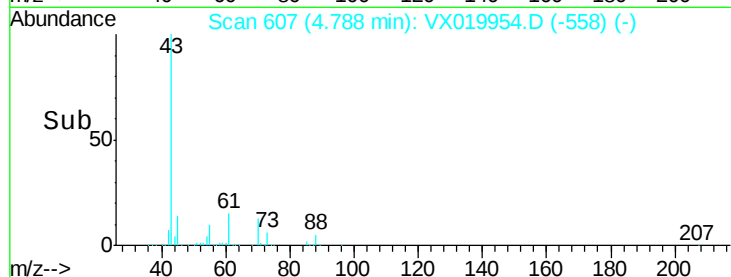
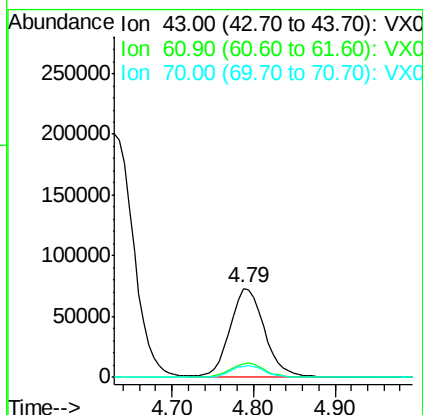
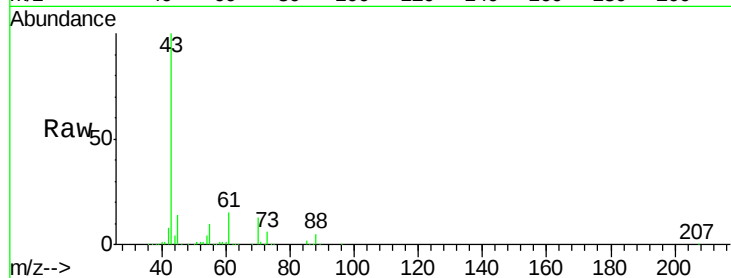




#37
Ethyl Acetate
Concen: 54.344 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

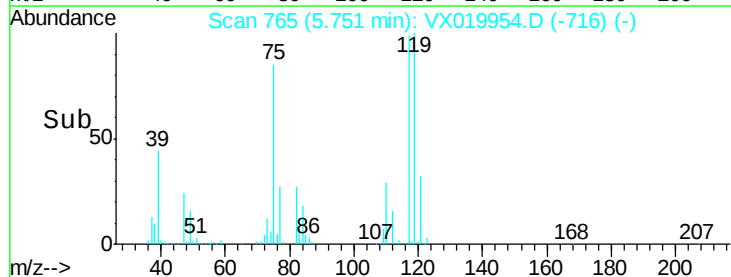
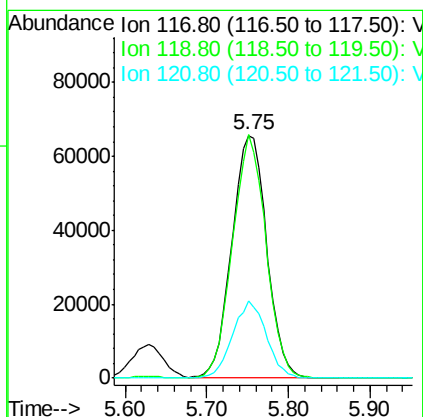
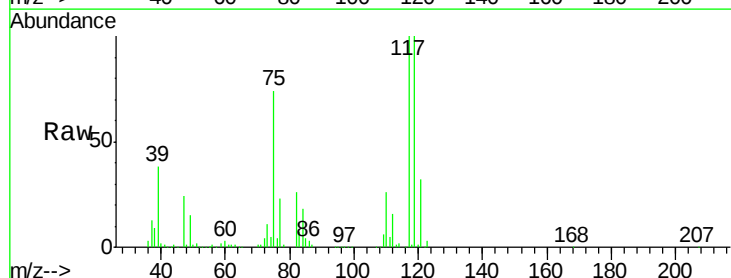
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

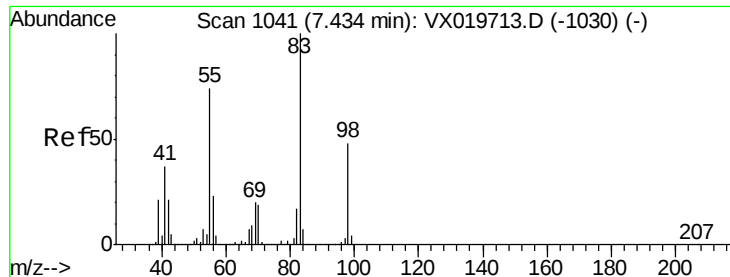
Tgt Ion: 43 Resp: 211795
Ion Ratio Lower Upper
43 100
61 15.6 12.8 19.2
70 13.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 51.438 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion: 117 Resp: 194433
Ion Ratio Lower Upper
117 100
119 100.3 76.2 114.2
121 32.0 24.8 37.2

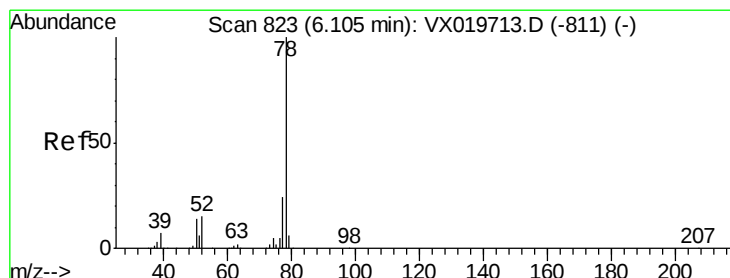
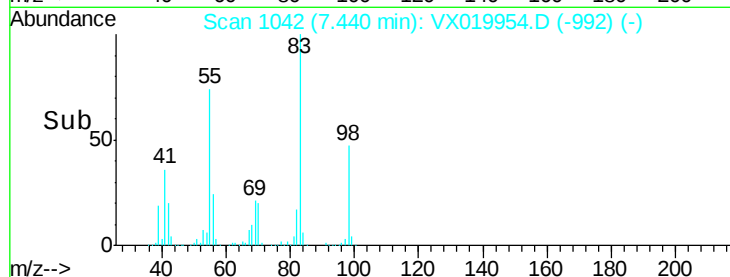
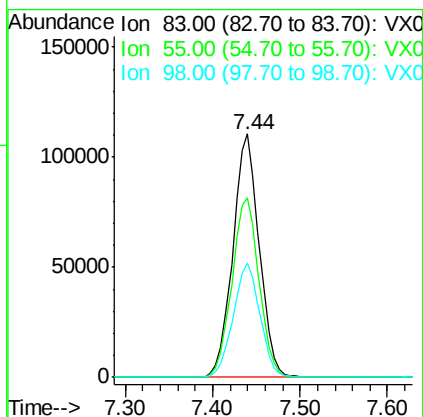
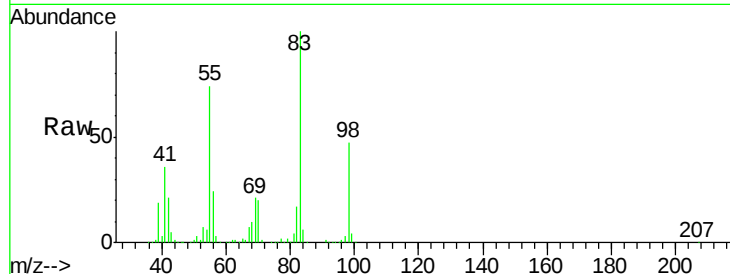




#39
Methylcyclohexane
Concen: 51.036 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

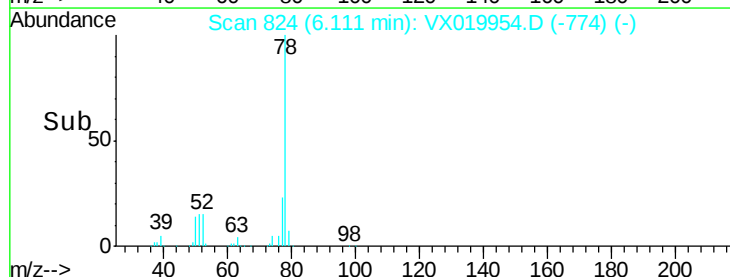
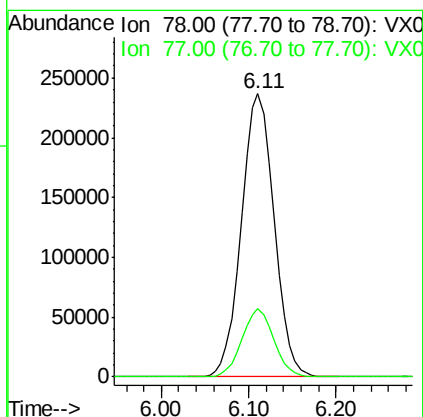
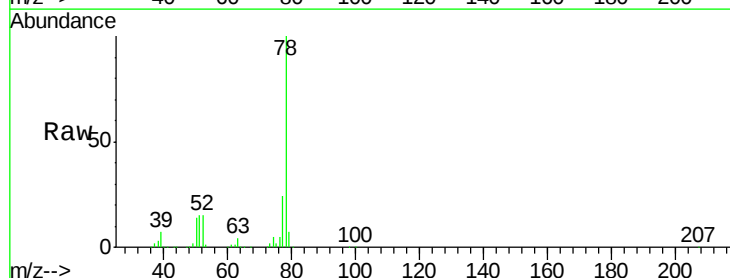
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

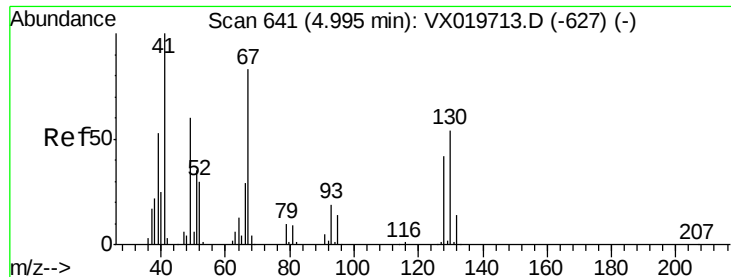
Tgt Ion: 83 Resp: 231449
Ion Ratio Lower Upper
83 100
55 74.0 58.9 88.3
98 47.1 38.1 57.1



#40
Benzene
Concen: 52.290 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion: 78 Resp: 616565
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3





#41

Methacrylonitrile

Concen: 55.597 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 118966

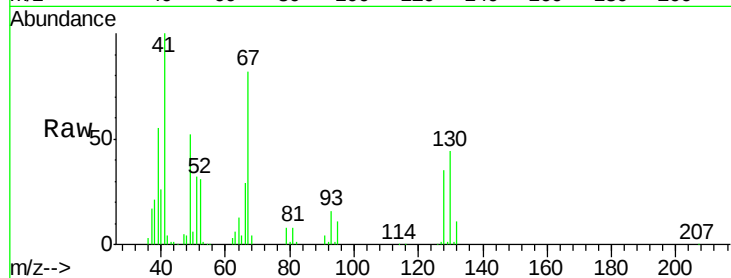
Ion Ratio Lower Upper

41 100

39 53.2 42.5 63.7

67 80.9 65.0 97.6

52 31.6 25.3 37.9

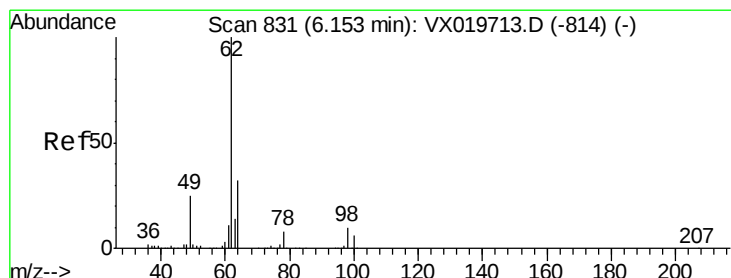
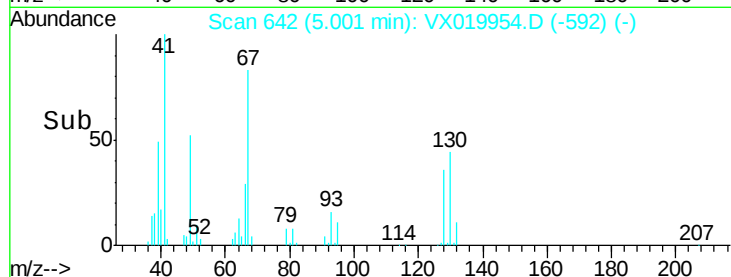
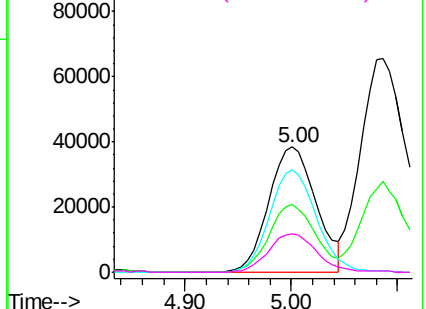


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.891 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX019954.D

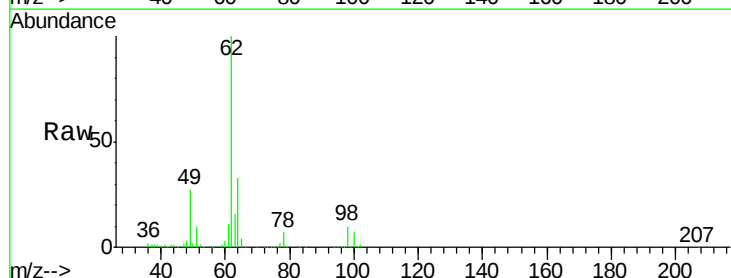
Acq: 13 Dec 2020 00:09

Tgt Ion: 62 Resp: 213080

Ion Ratio Lower Upper

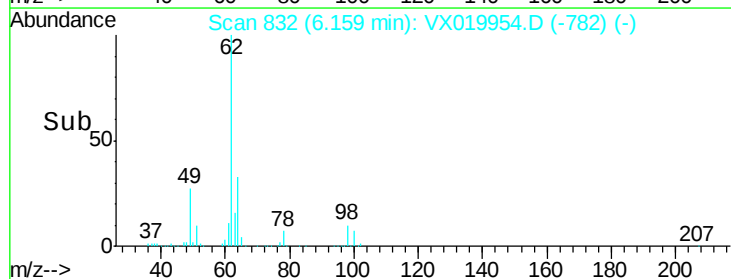
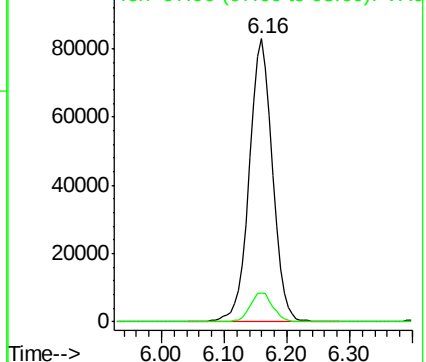
62 100

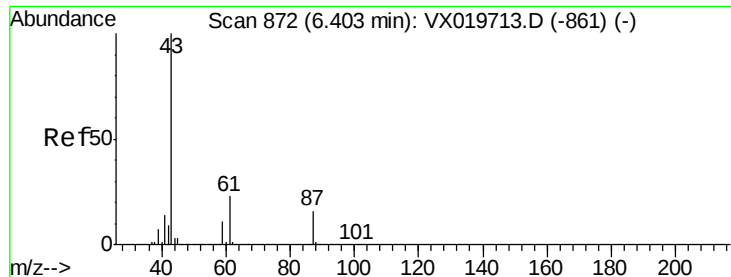
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.888 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

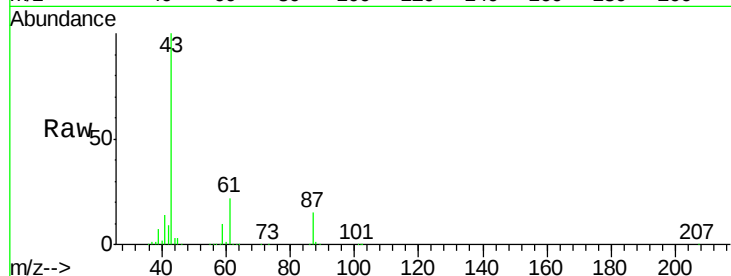
Tgt Ion: 43 Resp: 341448

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.4

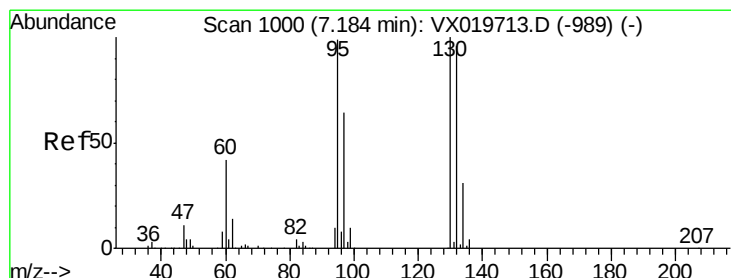
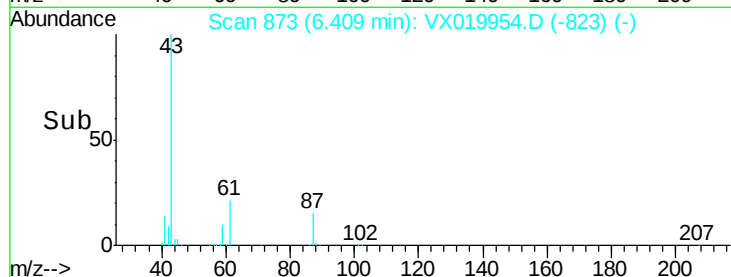
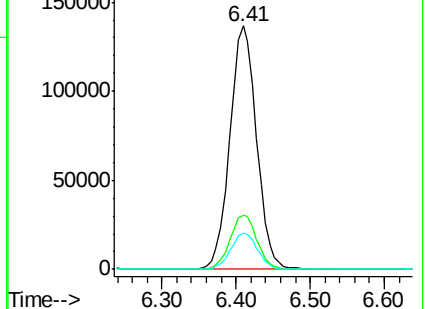
87 15.1 12.5 18.7



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: 50.585 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019954.D

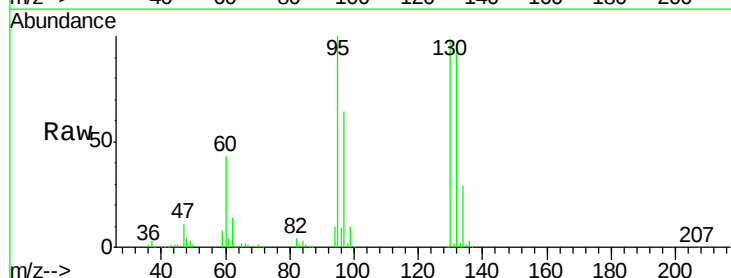
Acq: 13 Dec 2020 00:09

Tgt Ion: 130 Resp: 156497

Ion Ratio Lower Upper

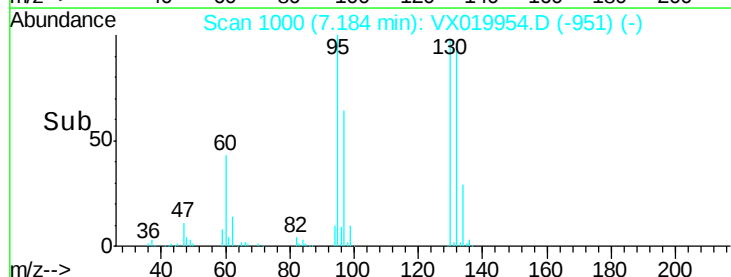
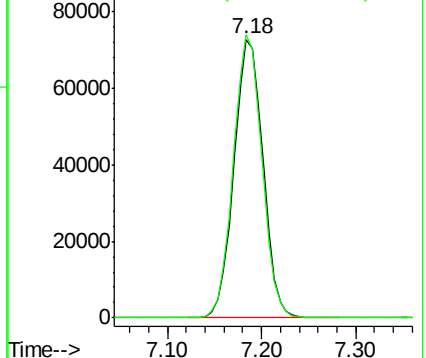
130 100

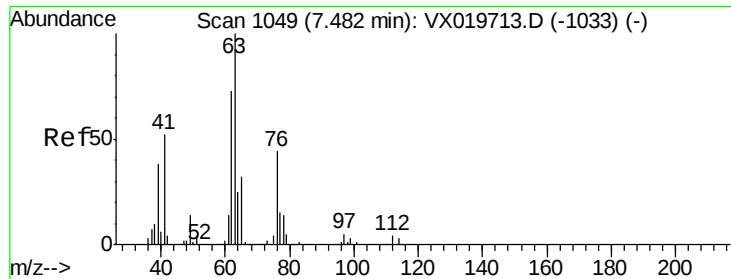
95 101.7 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

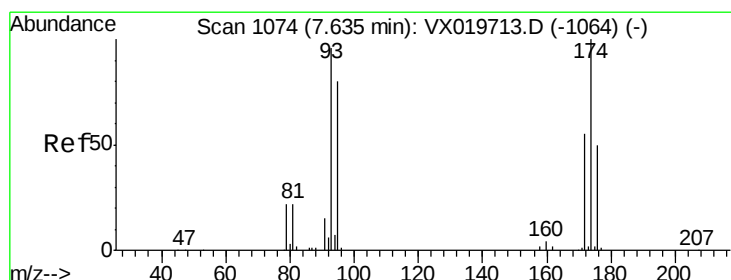
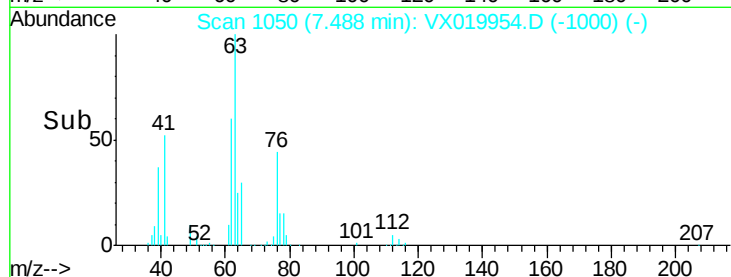
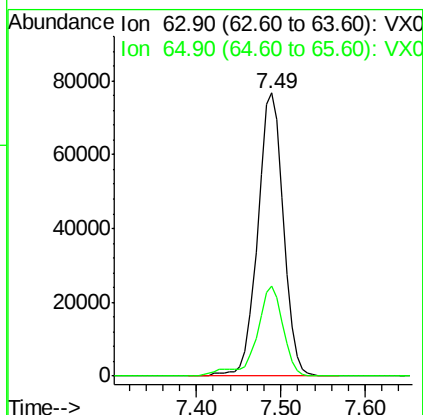
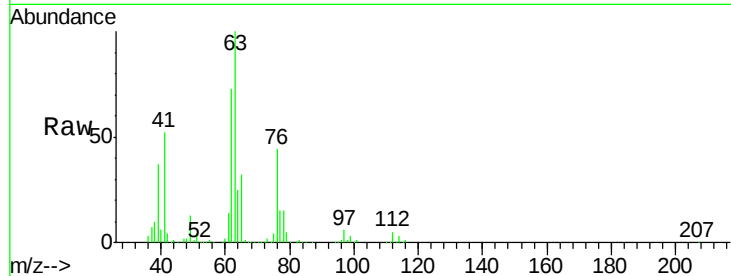




#45
 1,2-Dichloropropane
 Concen: 54.310 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

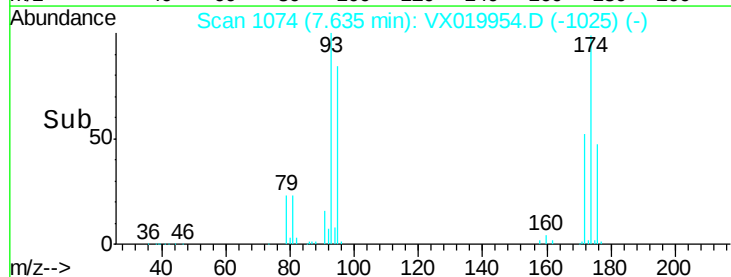
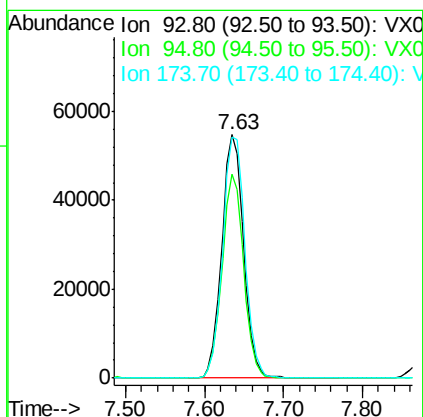
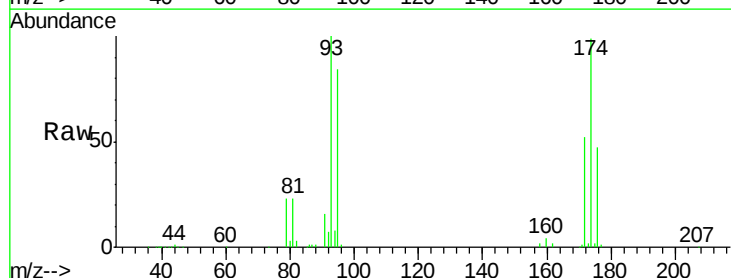
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

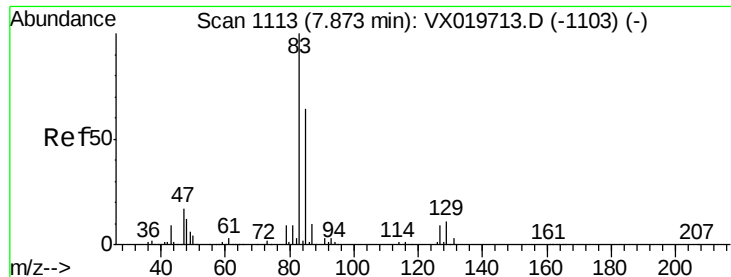
Tgt Ion: 63 Resp: 160048
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.7 38.5



#46
 Dibromomethane
 Concen: 52.875 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion: 93 Resp: 105226
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 101.8 83.1 124.7





#47

Bromodichloromethane

Concen: 53.397 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

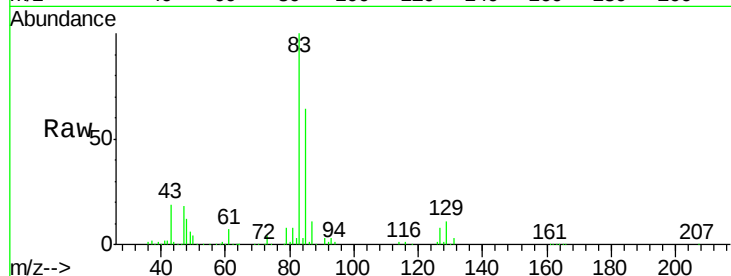
Tgt Ion: 83 Resp: 210864

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

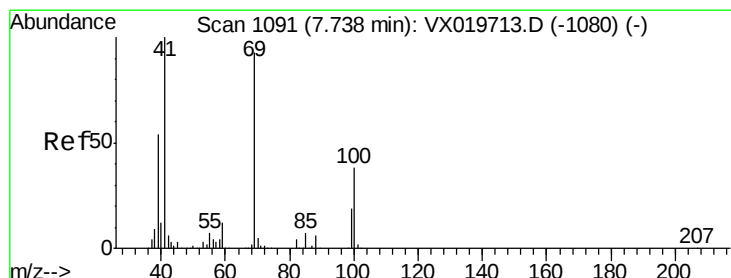
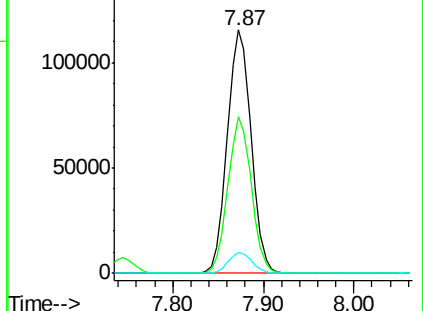
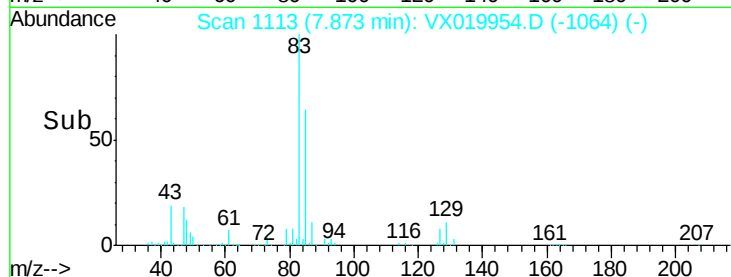
127 8.4 6.8 10.2



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: 54.473 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

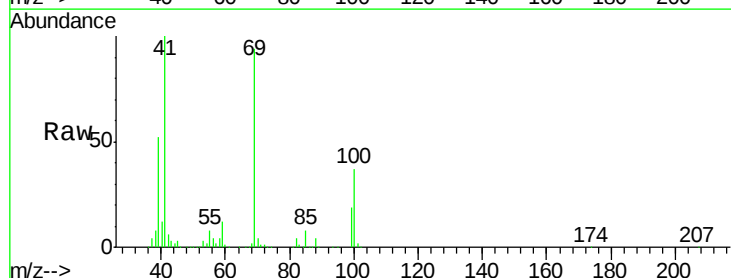
Tgt Ion: 41 Resp: 169751

Ion Ratio Lower Upper

41 100

69 93.5 76.0 114.0

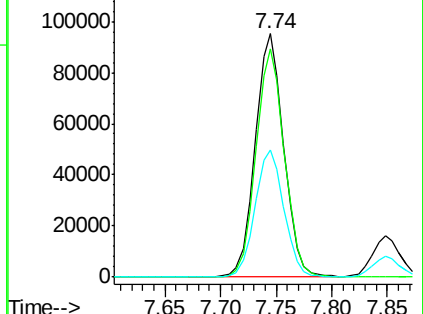
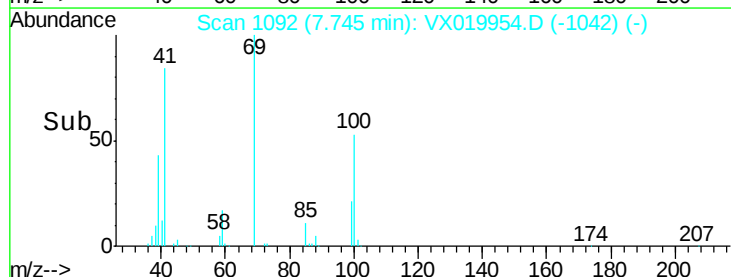
39 53.0 44.6 67.0

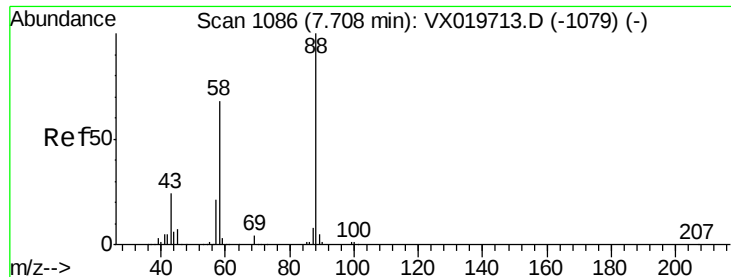


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

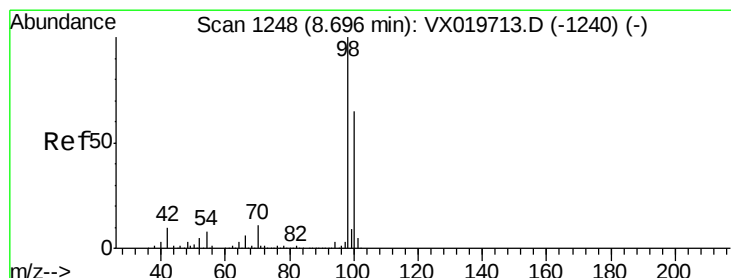
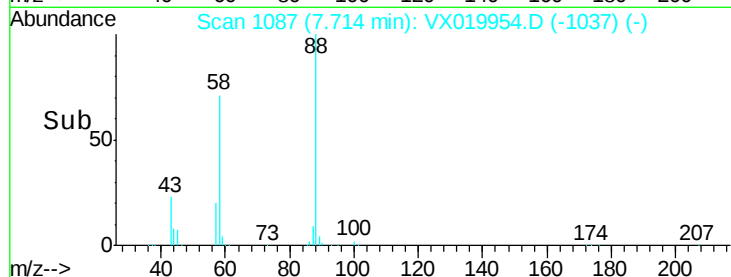
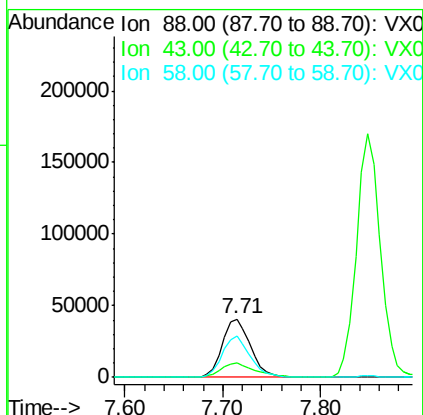
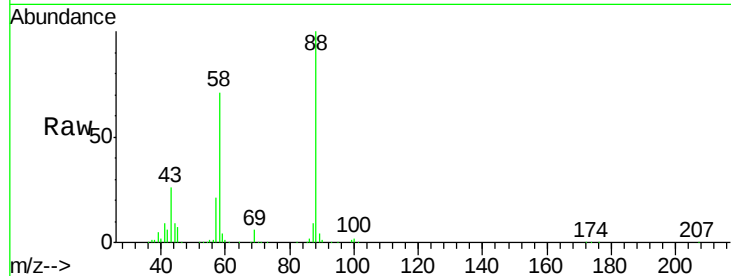




#49
1,4-Dioxane
Concen: 1073.494 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

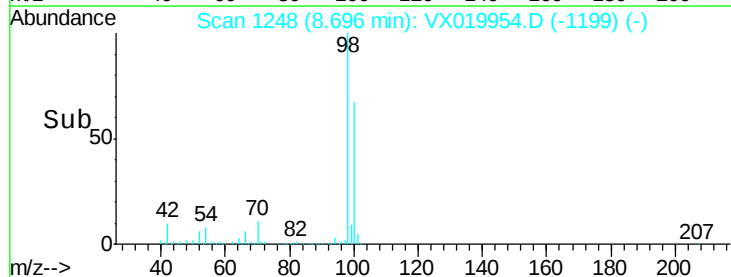
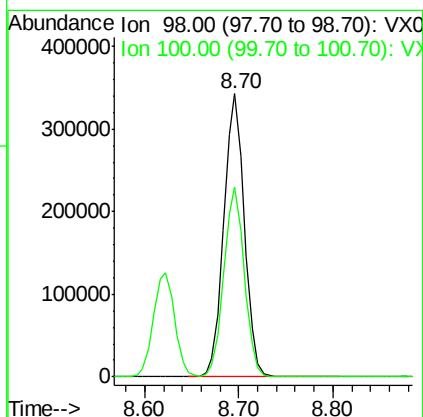
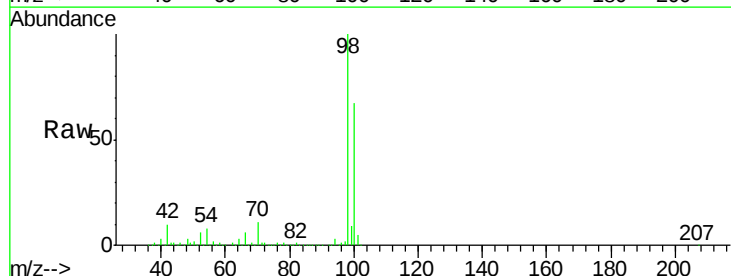
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

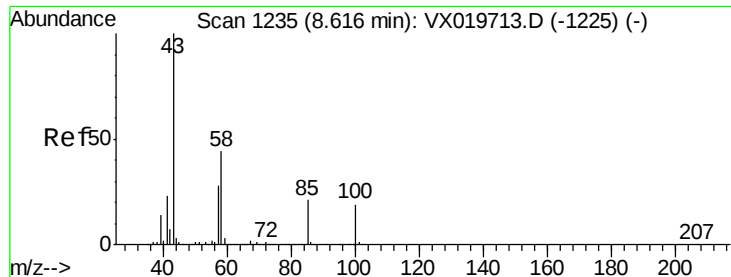
Tgt Ion: 88 Resp: 81038
Ion Ratio Lower Upper
88 100
43 29.7 23.2 34.8
58 70.7 55.0 82.4



#50
Toluene-d8
Concen: 48.921 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion: 98 Resp: 515609
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

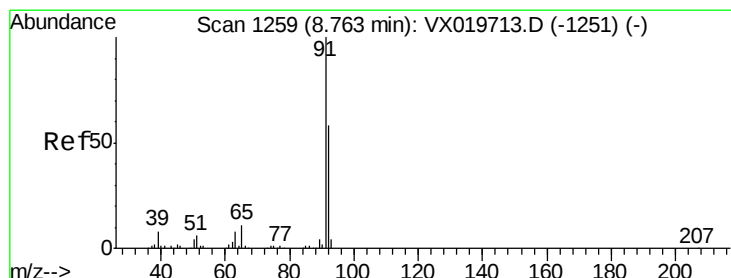
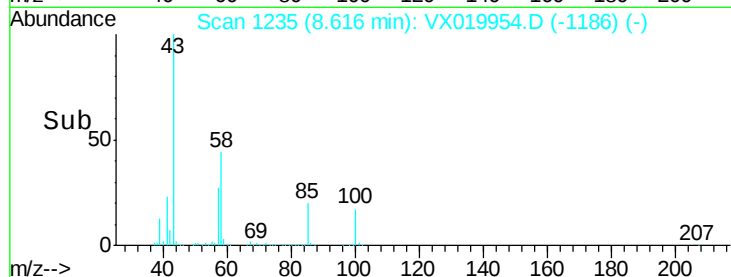
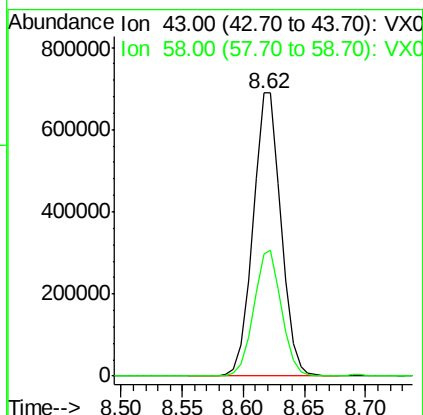
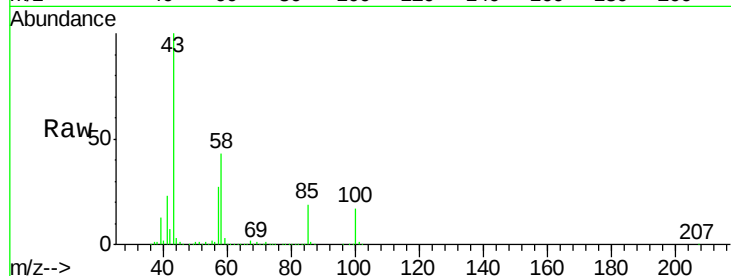




#51
 4-Methyl-2-Pentanone
 Concen: 284.320 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

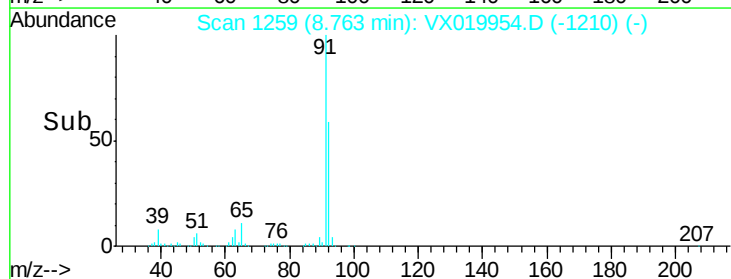
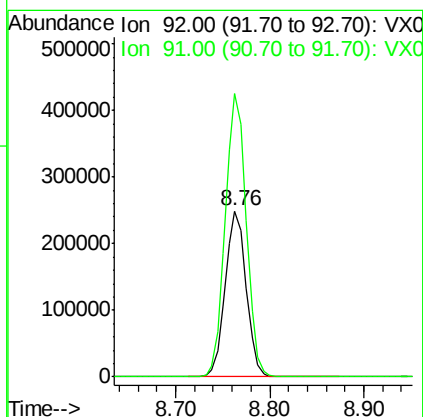
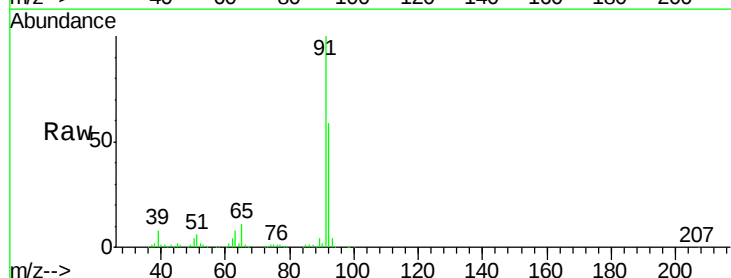
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

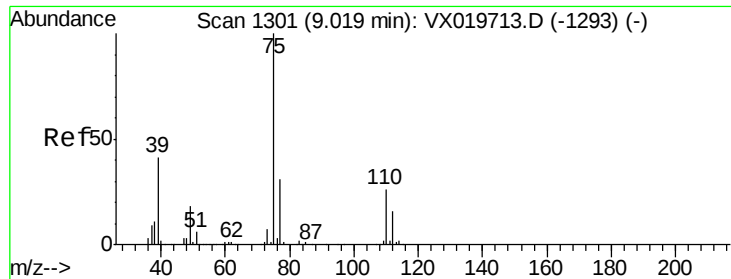
Tgt Ion: 43 Resp: 1099888
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.4 53.0



#52
 Toluene
 Concen: 51.939 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion: 92 Resp: 383036
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.1 205.7

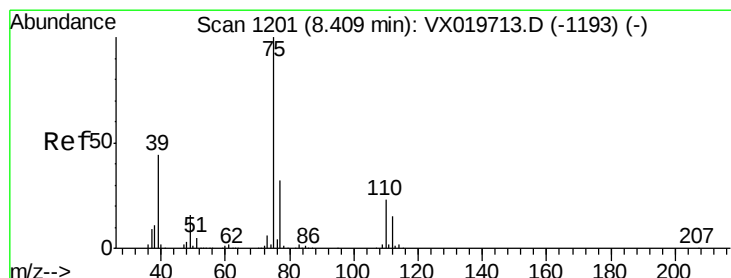
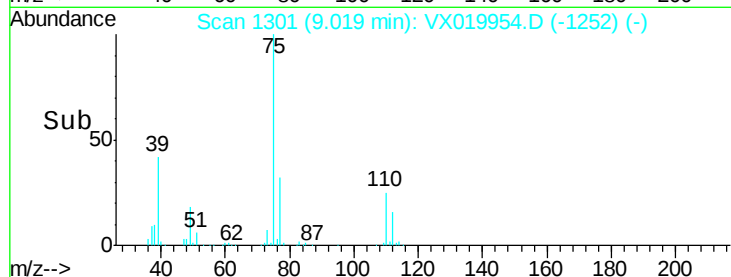
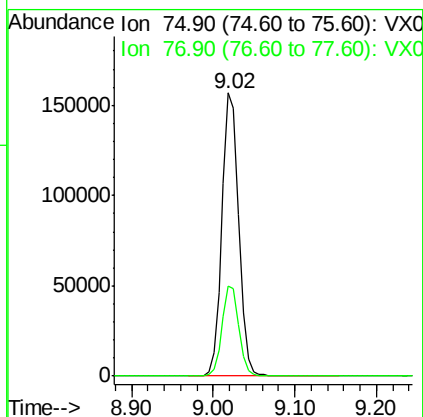
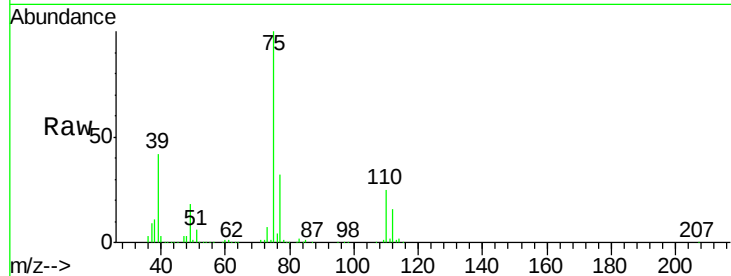




#53
 t-1,3-Dichloropropene
 Concen: 51.374 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

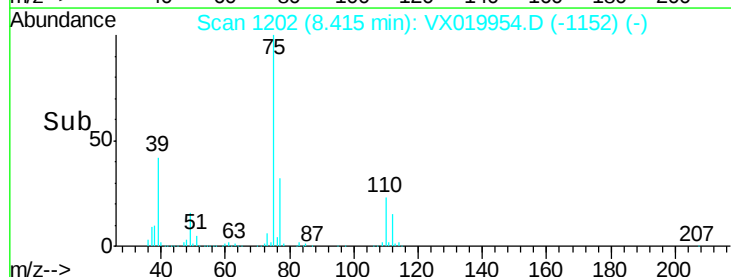
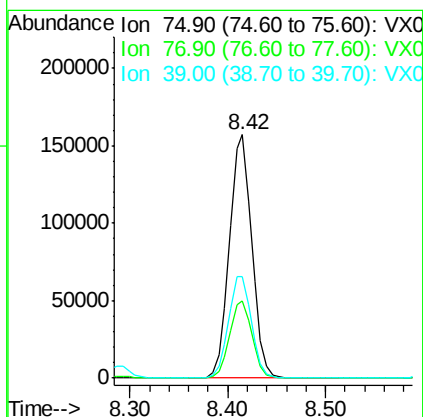
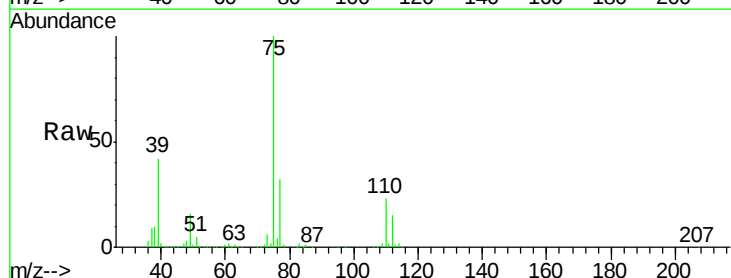
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

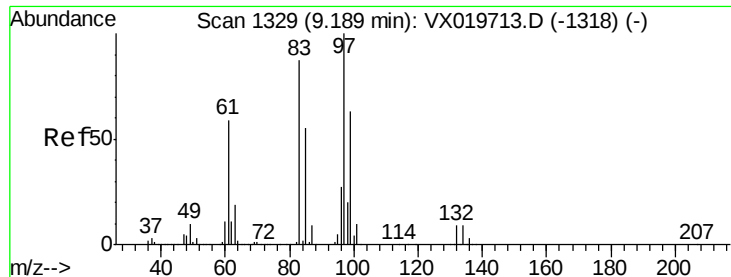
Tgt Ion: 75 Resp: 225132
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.310 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion: 75 Resp: 249037
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5
 39 41.6 35.1 52.7

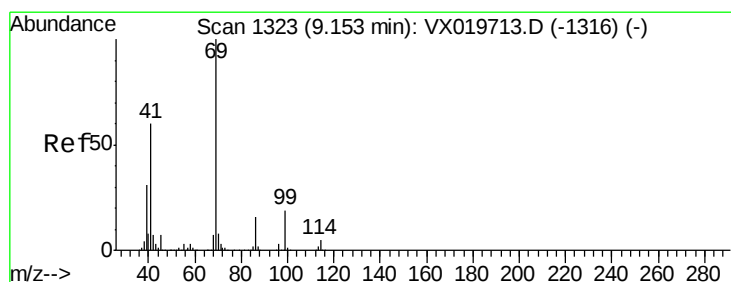
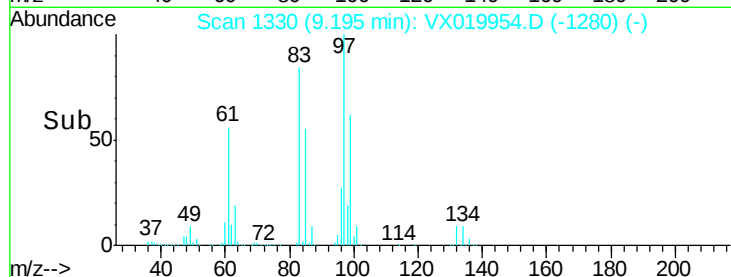
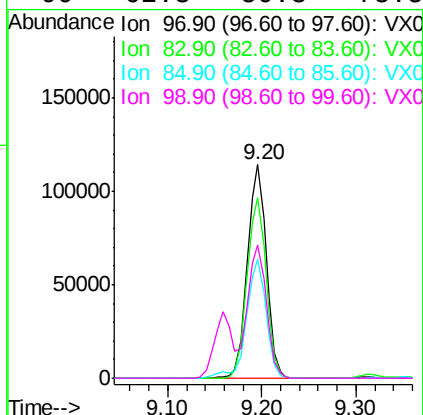
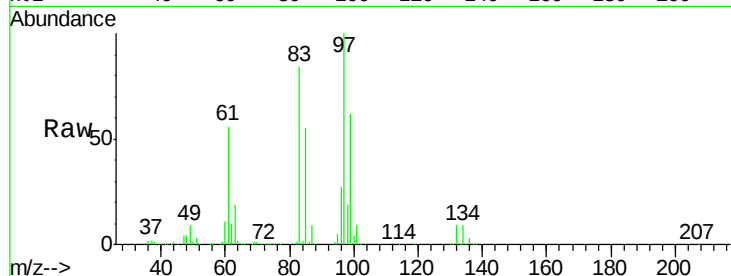




#55
1,1,2-Trichloroethane
Concen: 54.434 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

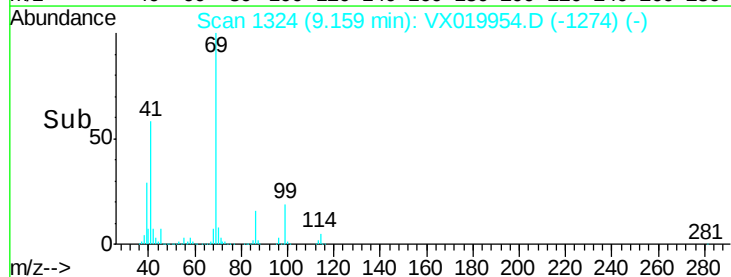
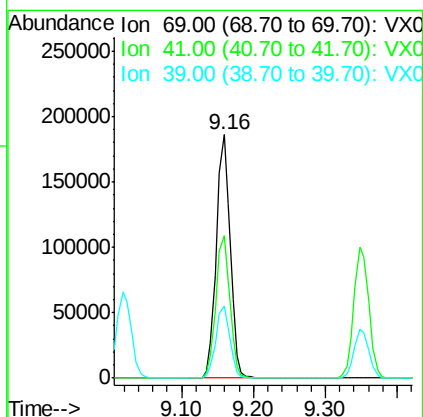
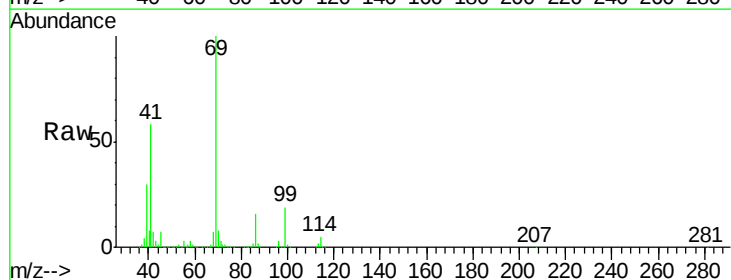
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

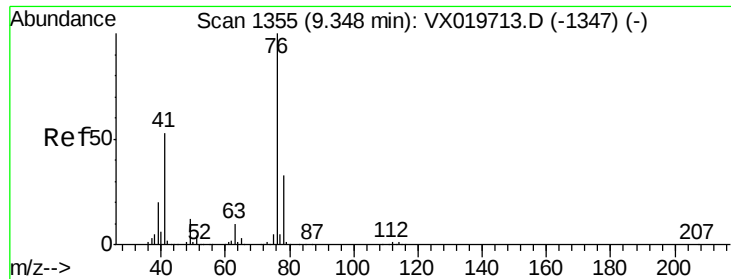
Tgt Ion:	97	Resp:	161773
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.3	103.9
85	55.5	44.3	66.5
99	62.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 55.005 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion:	69	Resp:	247325
Ion	Ratio	Lower	Upper
69	100		
41	58.8	46.8	70.2
39	29.9	24.7	37.1





#57

1,3-Dichloropropane

Concen: 53.733 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

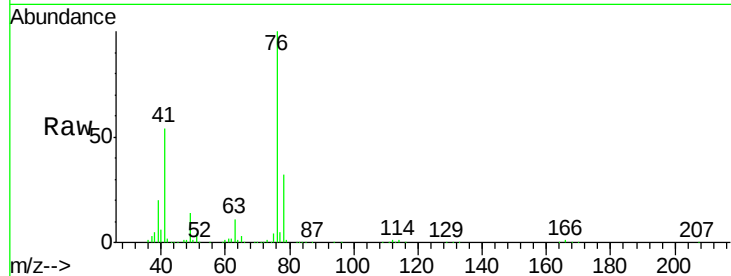
VSTDCCC050

Tgt Ion: 76 Resp: 272669

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

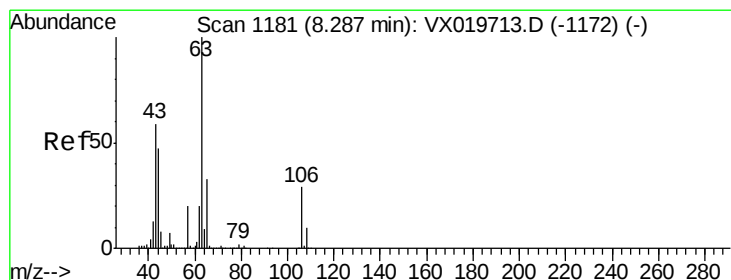
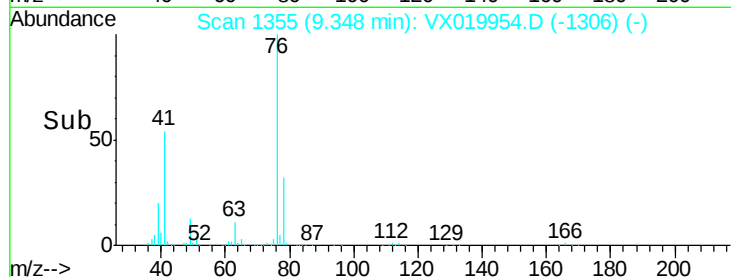
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 284.133 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019954.D

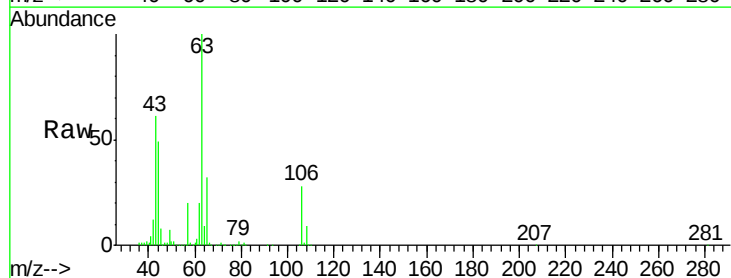
Acq: 13 Dec 2020 00:09

Tgt Ion: 63 Resp: 676806

Ion Ratio Lower Upper

63 100

106 29.0 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

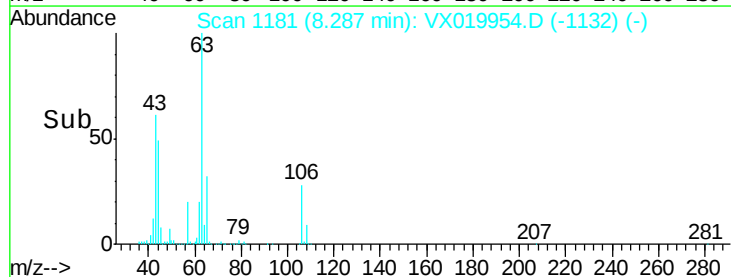
200000

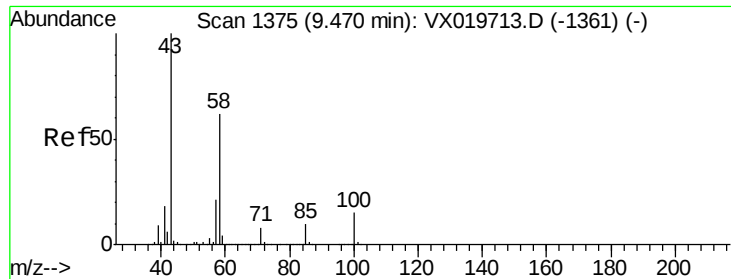
100000

0

Time-->

8.20 8.30 8.40

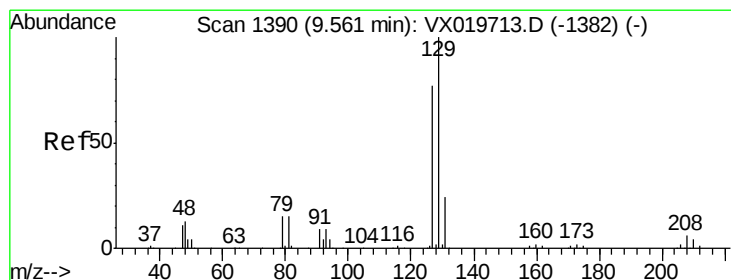
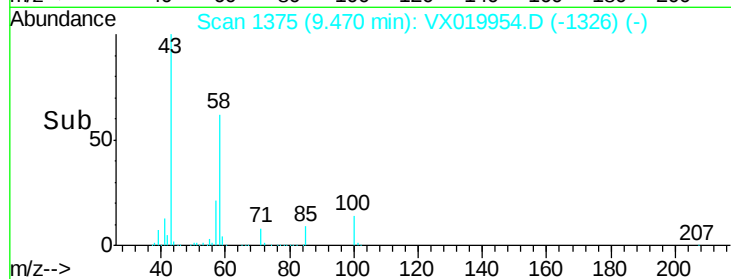
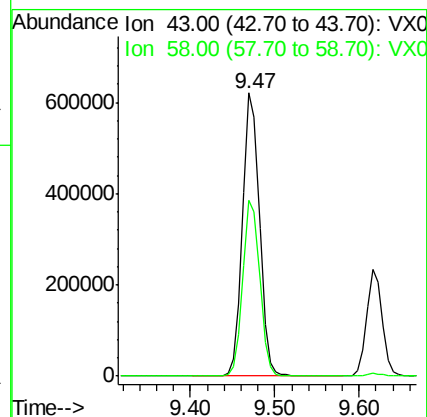
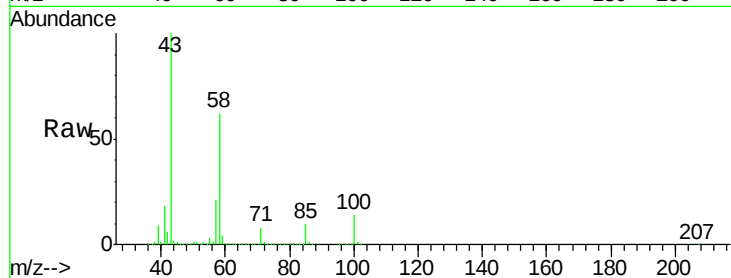




#59
2-Hexanone
Concen: 279.113 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

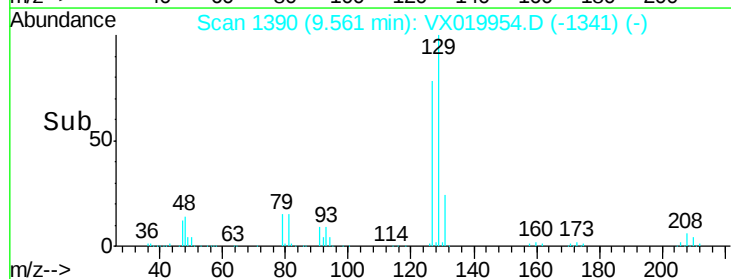
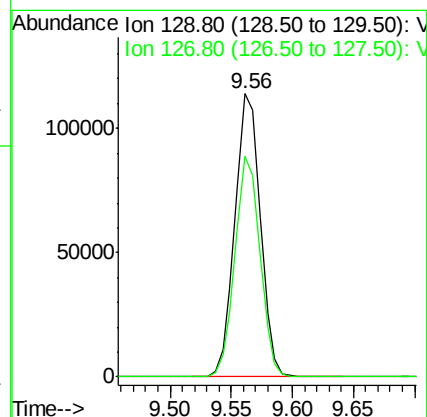
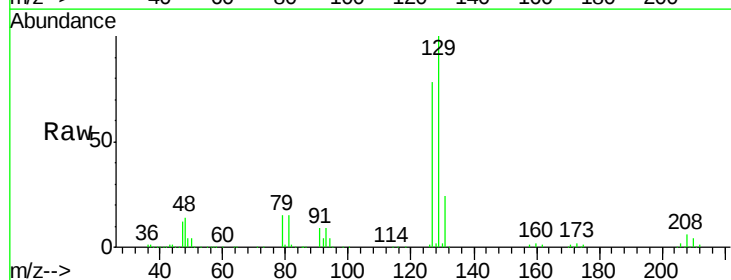
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

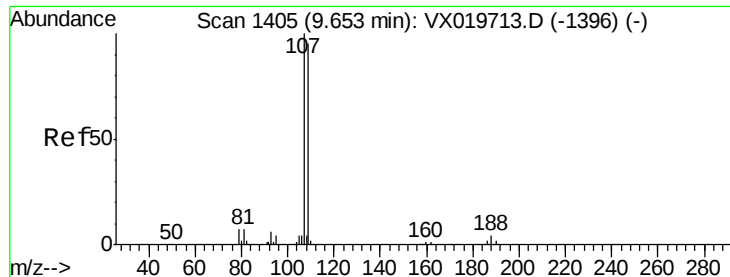
Tgt Ion: 43 Resp: 836946
Ion Ratio Lower Upper
43 100
58 62.0 30.9 92.8



#60
Dibromochloromethane
Concen: 54.156 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion: 129 Resp: 163520
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2

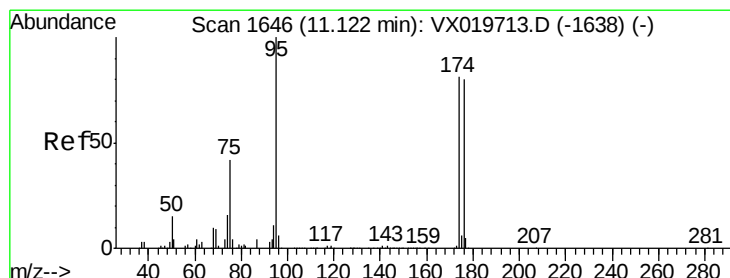
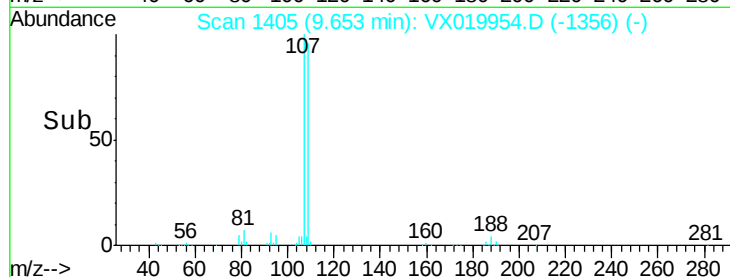
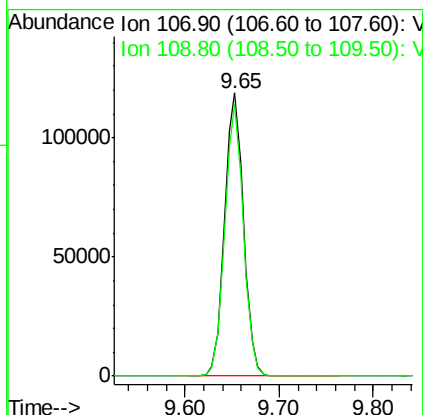
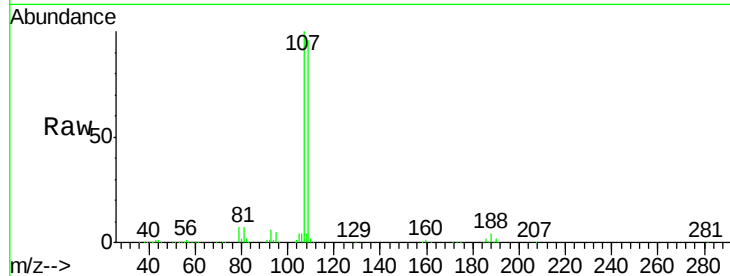




#61
 1,2-Dibromoethane
 Concen: 52.394 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

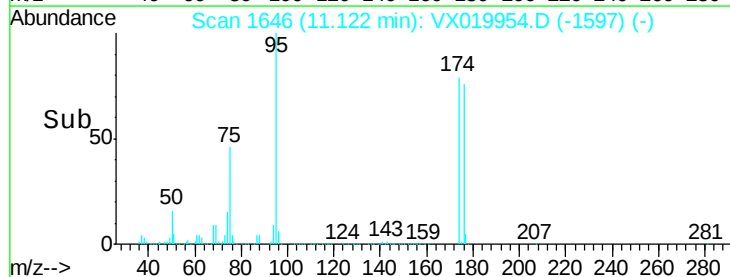
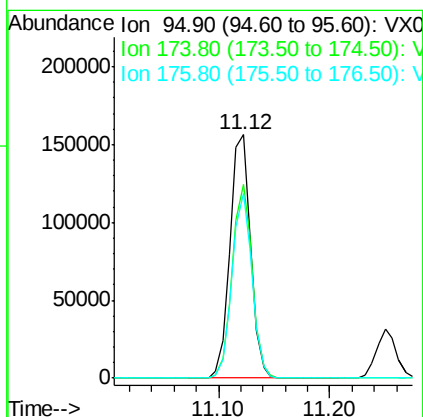
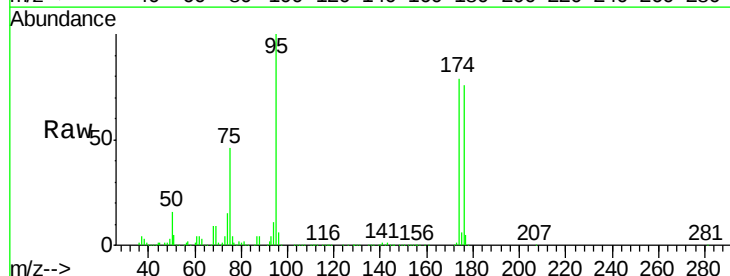
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

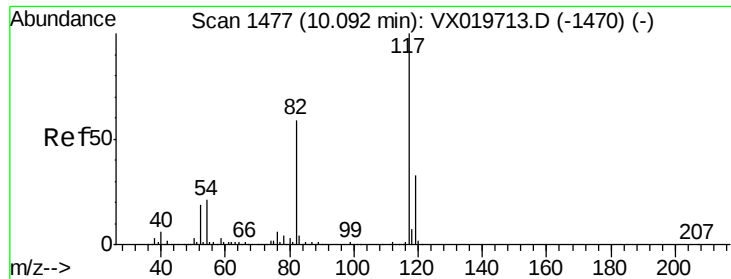
Tgt Ion: 107 Resp: 165344
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.832 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion: 95 Resp: 199903
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 154.6
 176 73.6 0.0 155.8

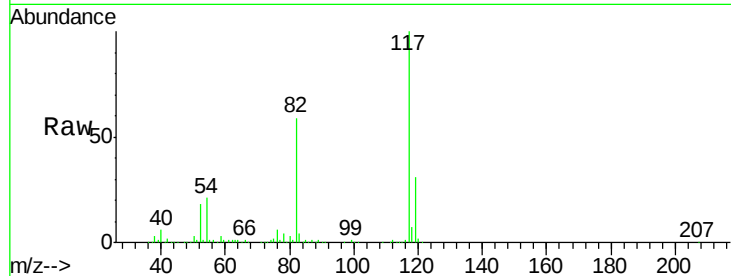




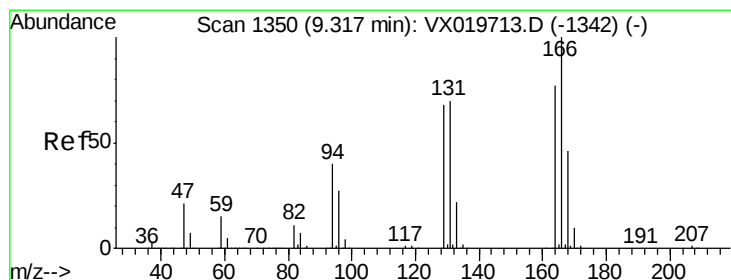
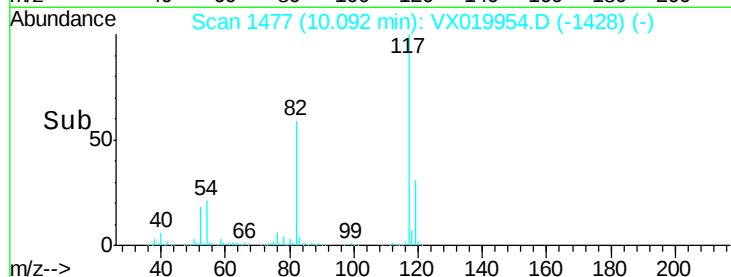
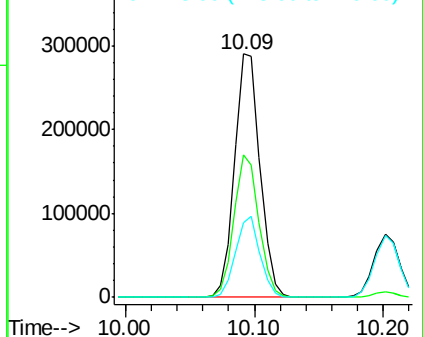
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	30.9	26.6	39.8



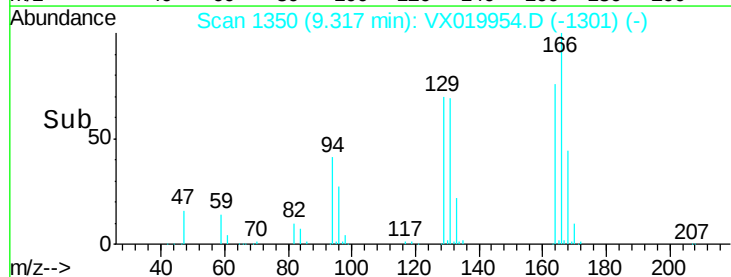
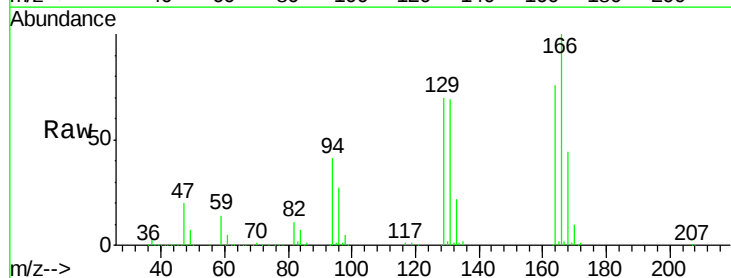
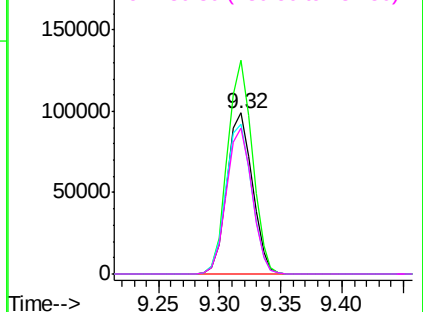
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

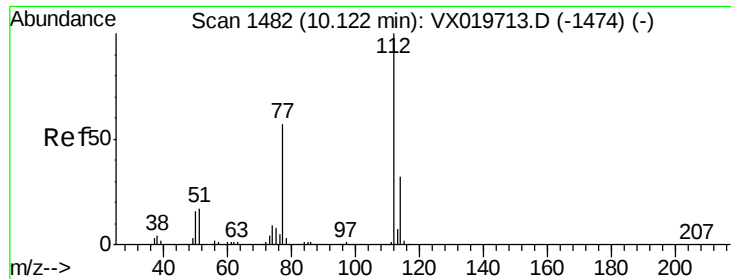


#64
Tetrachloroethene
Concen: 53.210 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	103.4	155.2
129	92.6	70.8	106.2
131	90.8	72.5	108.7

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

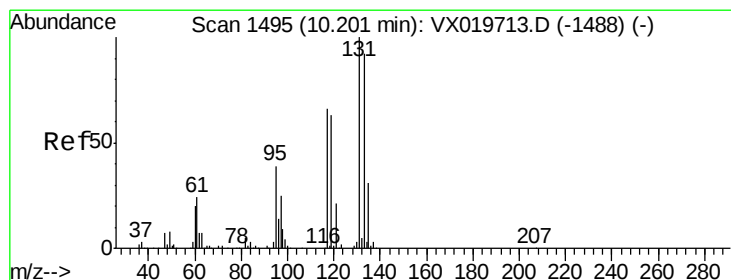
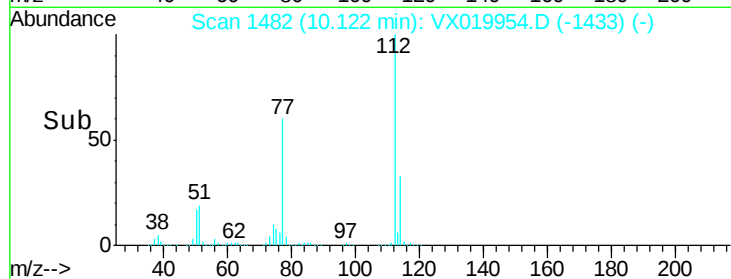
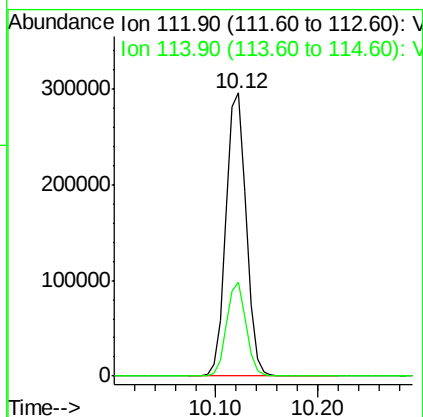
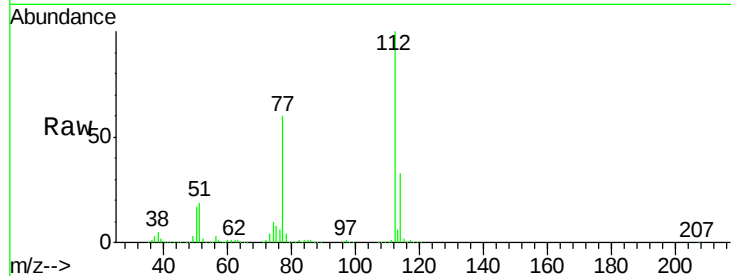




#65
Chlorobenzene
Concen: 50.726 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

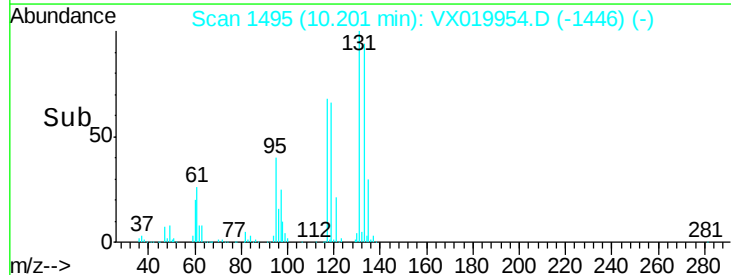
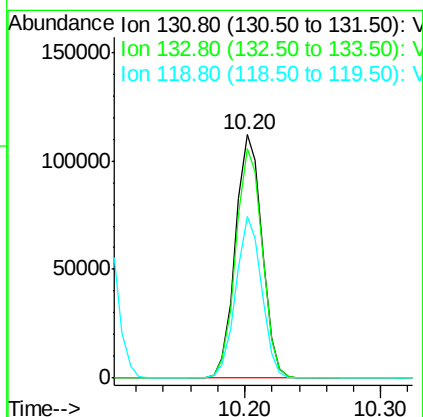
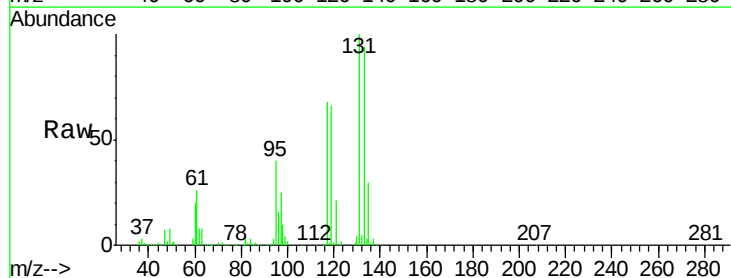
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

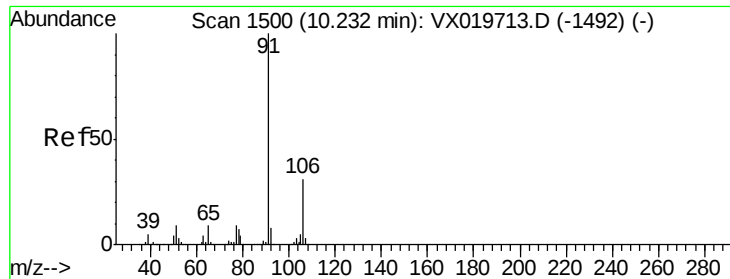
Tgt Ion:112 Resp: 404348
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.116 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion:131 Resp: 152393
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 64.1 32.1 96.5





#67

Ethyl Benzene

Concen: 51.585 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

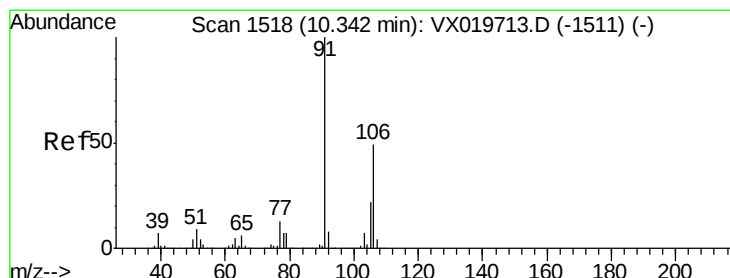
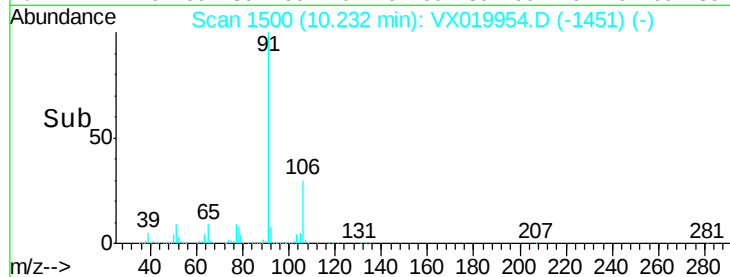
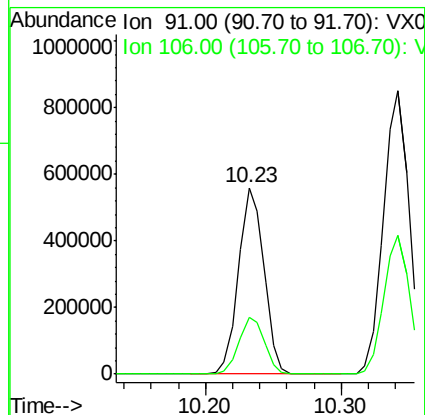
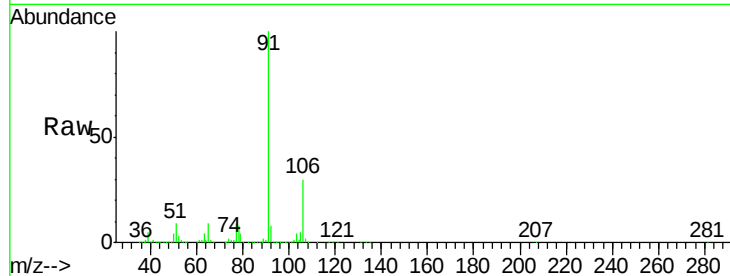
VSTDCCC050

Tgt Ion: 91 Resp: 729887

Ion Ratio Lower Upper

91 100

106 30.4 24.6 37.0



#68

m/p-Xylenes

Concen: 103.087 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019954.D

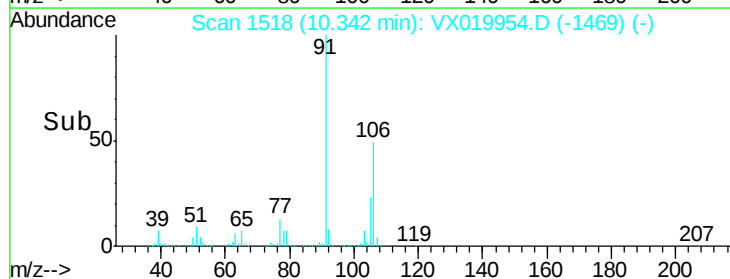
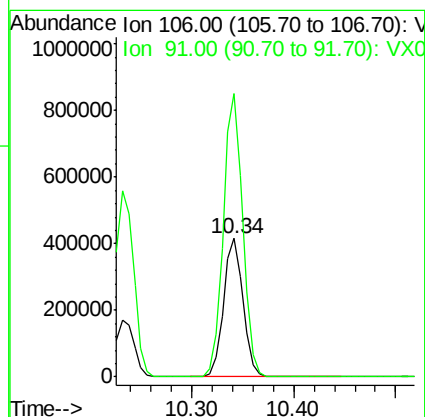
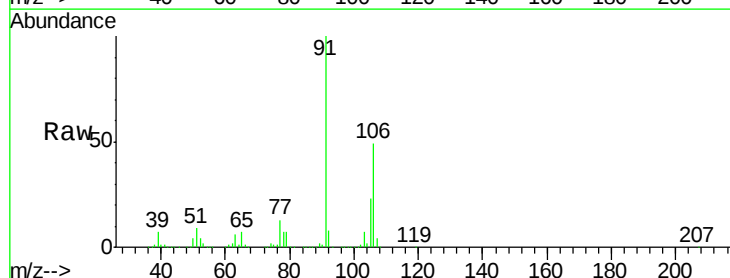
Acq: 13 Dec 2020 00:09

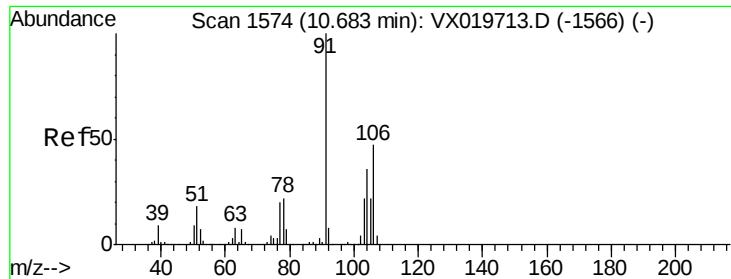
Tgt Ion: 106 Resp: 549622

Ion Ratio Lower Upper

106 100

91 204.4 162.8 244.2

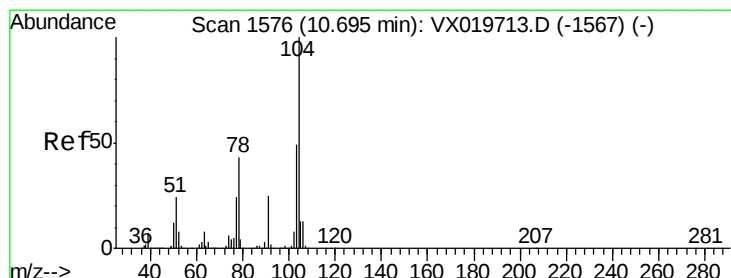
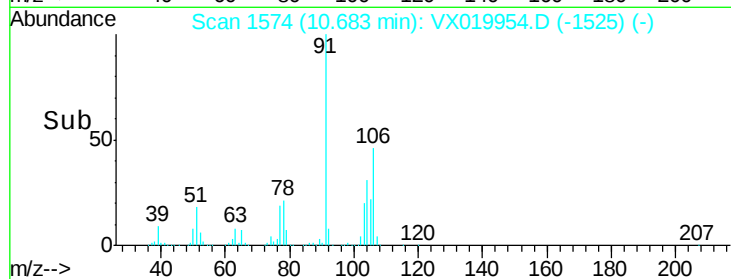
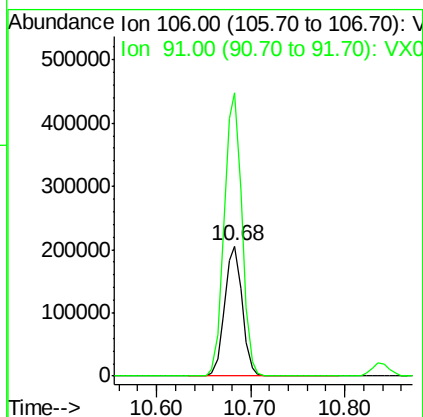
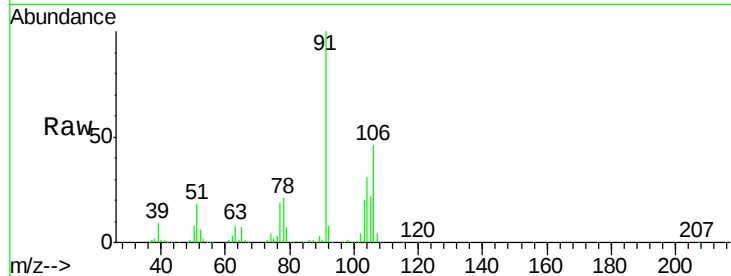




#69
o-Xylene
Concen: 51.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

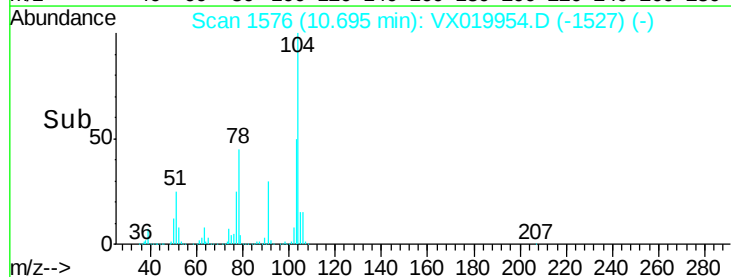
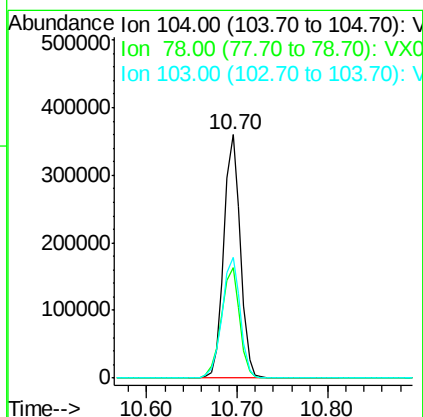
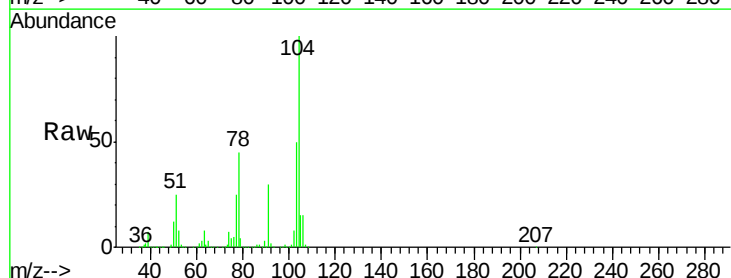
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

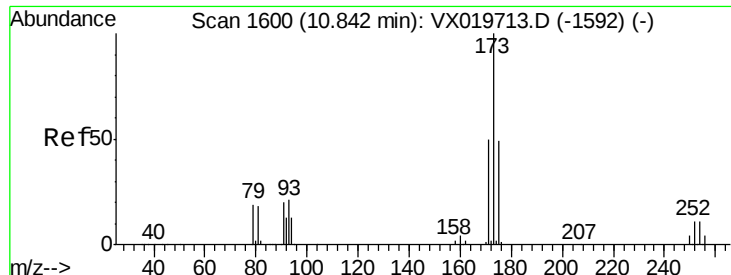
Tgt Ion:106 Resp: 264241
Ion Ratio Lower Upper
106 100
91 219.1 108.1 324.2



#70
Styrene
Concen: 52.830 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion:104 Resp: 457334
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 51.848 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

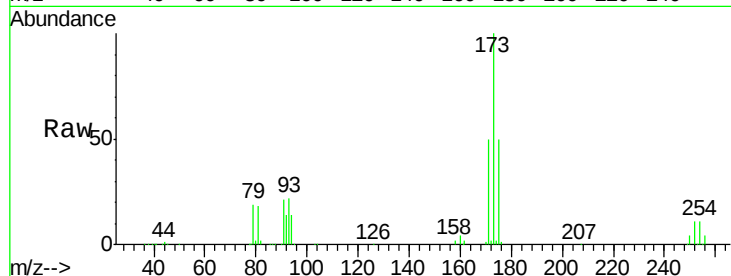
Tgt Ion:173 Resp: 117022

Ion Ratio Lower Upper

173 100

175 49.7 23.9 71.8

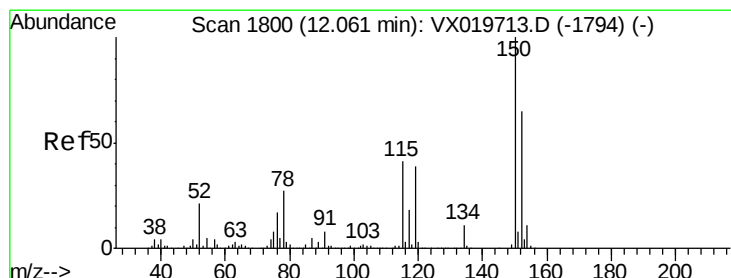
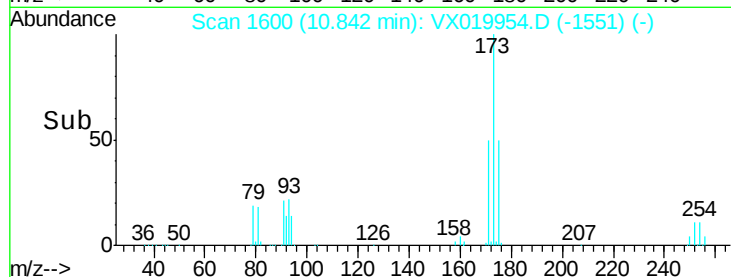
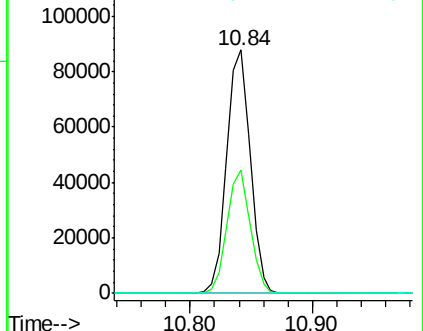
254 0.2 0.1 0.1#



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: VX019954.D

Acq: 13 Dec 2020 00:09

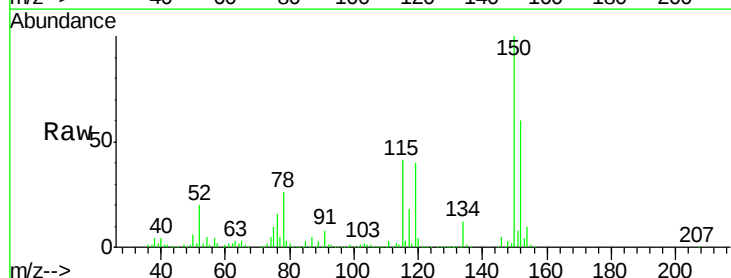
Tgt Ion:152 Resp: 195007

Ion Ratio Lower Upper

152 100

115 84.8 41.1 123.3

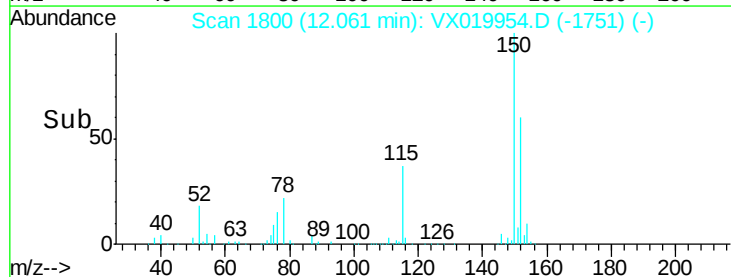
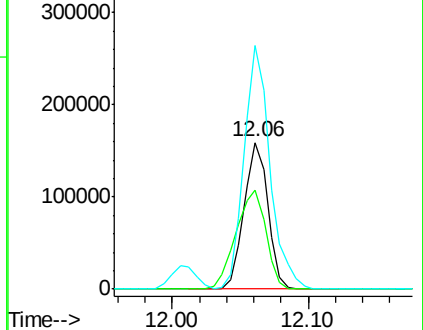
150 180.7 0.0 349.0

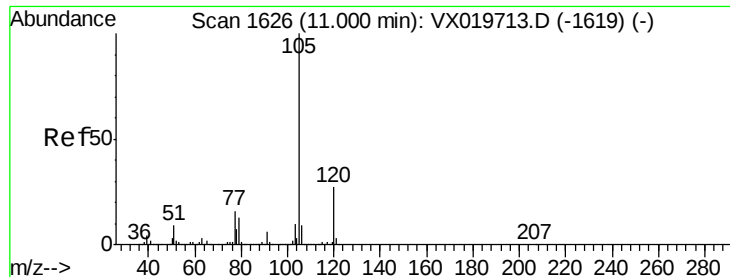


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.903 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

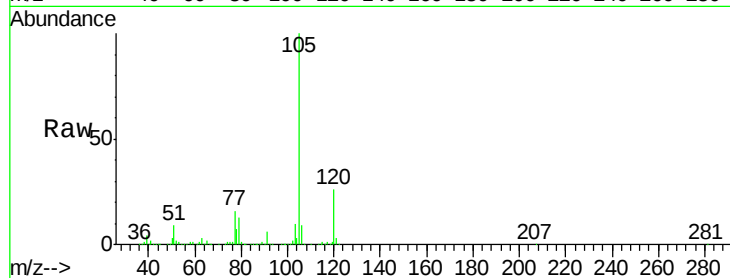
VSTDCCC050

Tgt Ion: 105 Resp: 718136

Ion Ratio Lower Upper

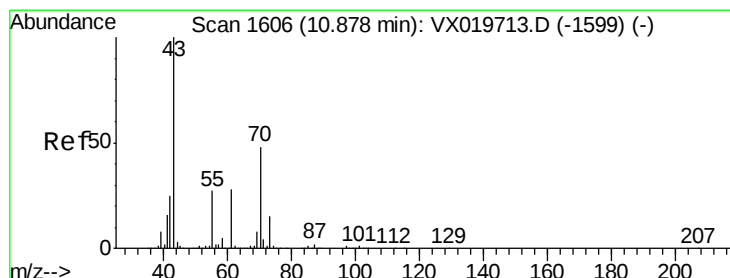
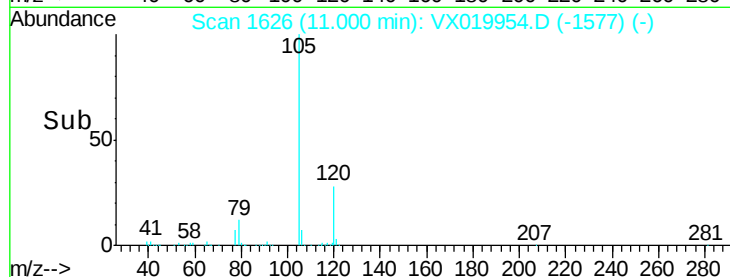
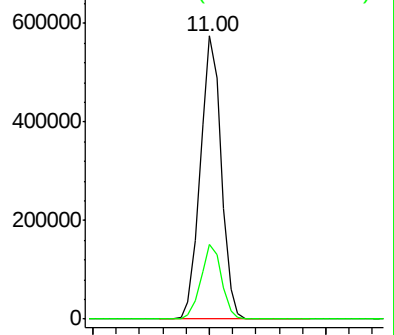
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.409 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Tgt Ion: 43 Resp: 295829

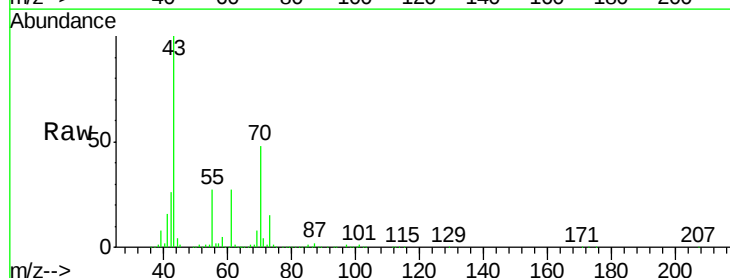
Ion Ratio Lower Upper

43 100

70 49.7 39.0 58.6

55 27.5 21.5 32.3

61 27.3 22.1 33.1

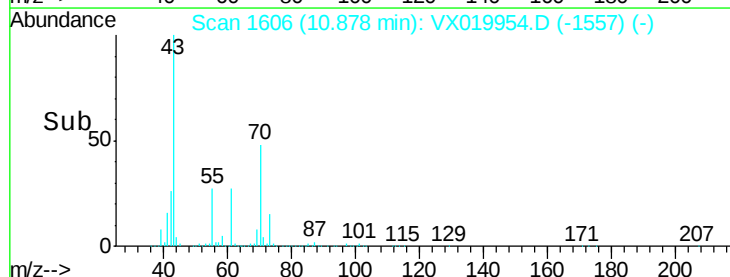
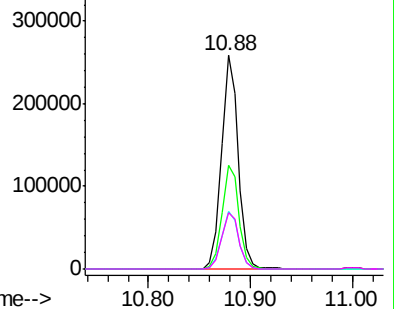


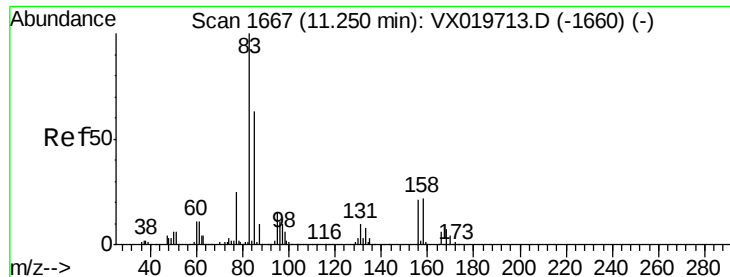
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 55.032 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

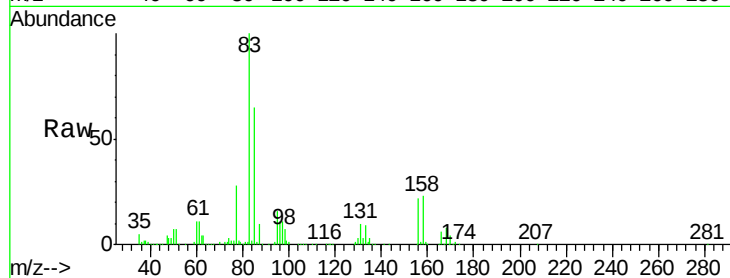
Tgt Ion: 83 Resp: 258490

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

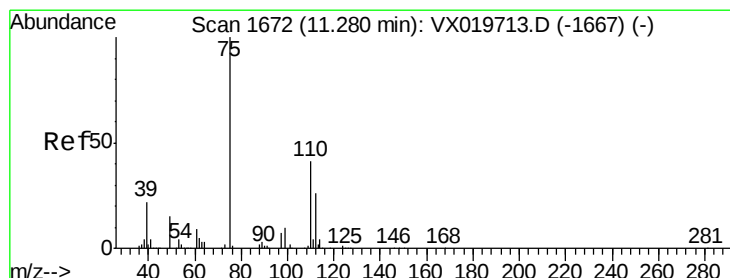
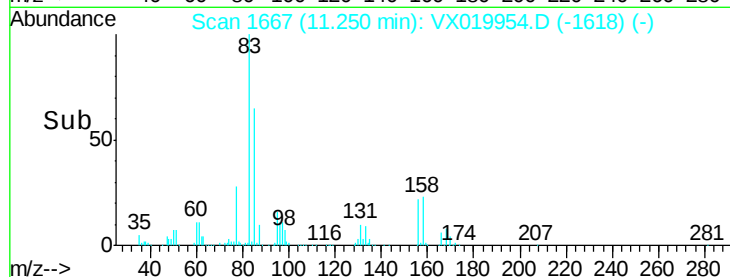
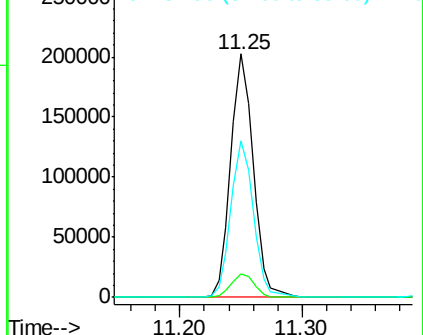
85 64.4 31.8 95.4



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: 66.302 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019954.D

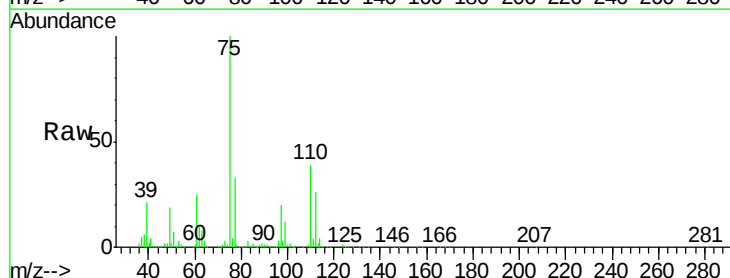
Acq: 13 Dec 2020 00:09

Tgt Ion: 75 Resp: 289984

Ion Ratio Lower Upper

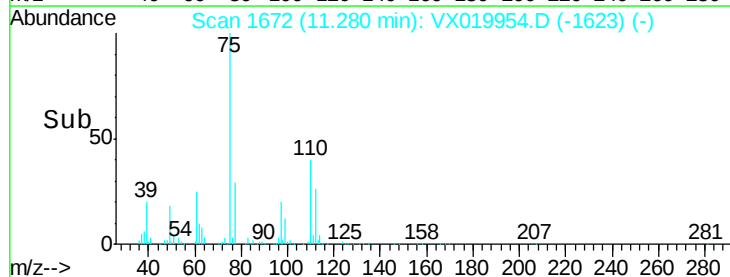
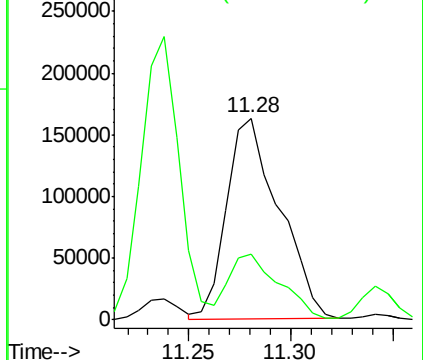
75 100

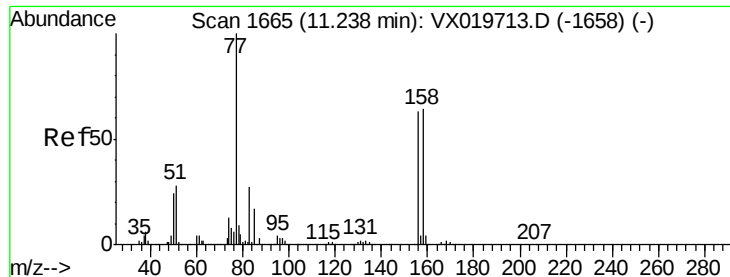
77 31.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.039 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

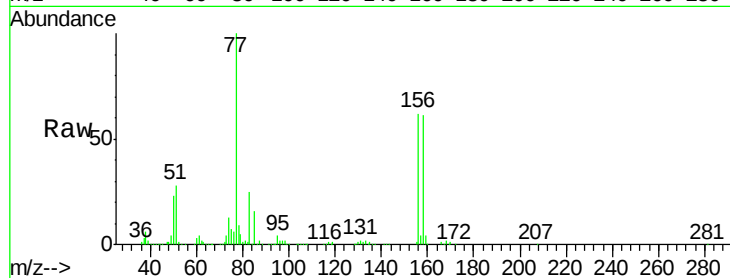
Tgt Ion:156 Resp: 177423

Ion Ratio Lower Upper

156 100

77 167.8 82.8 248.6

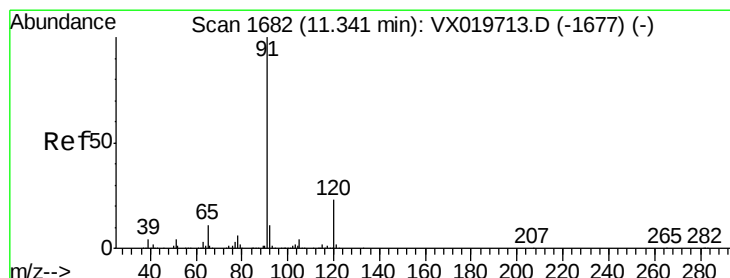
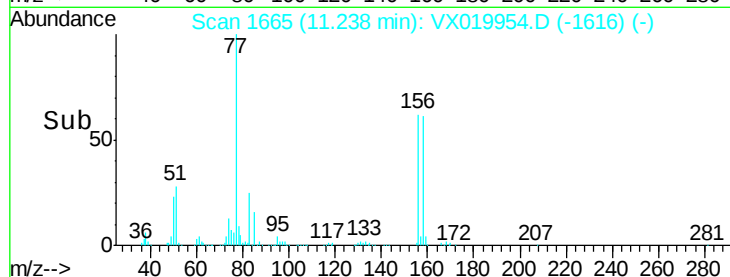
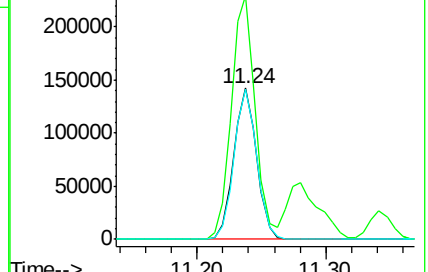
158 98.8 49.1 147.4



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: 53.819 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019954.D

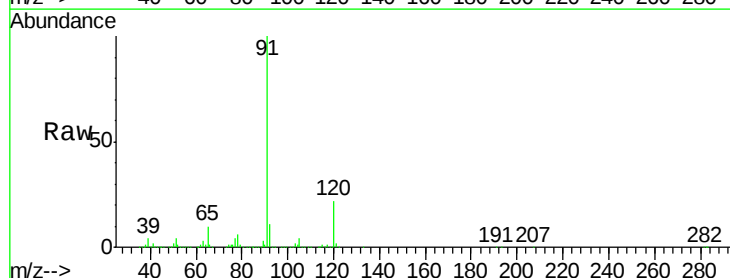
Acq: 13 Dec 2020 00:09

Tgt Ion: 91 Resp: 818949

Ion Ratio Lower Upper

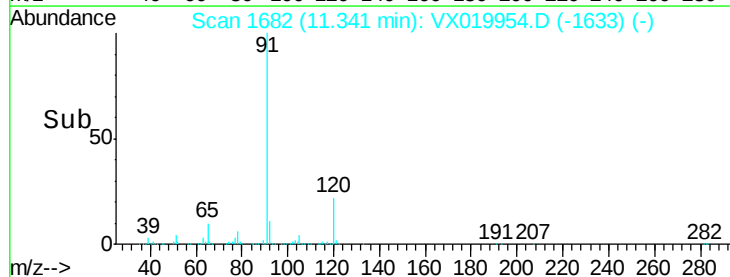
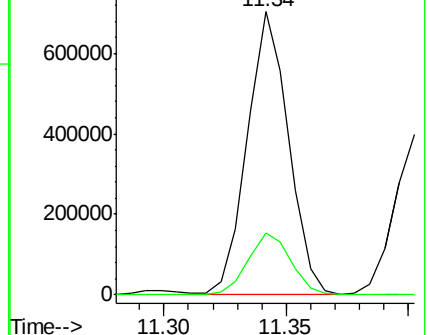
91 100

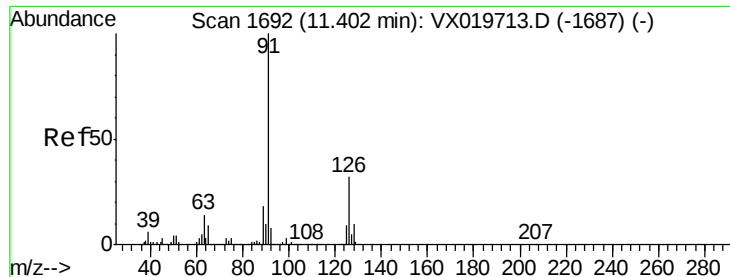
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

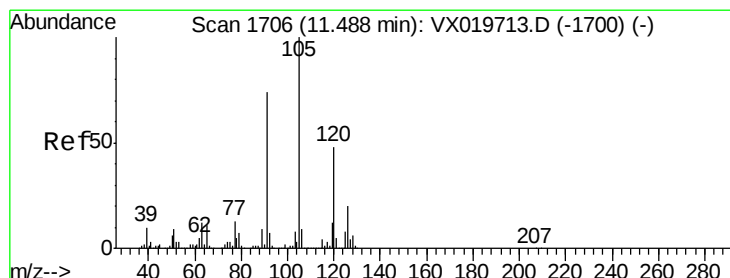
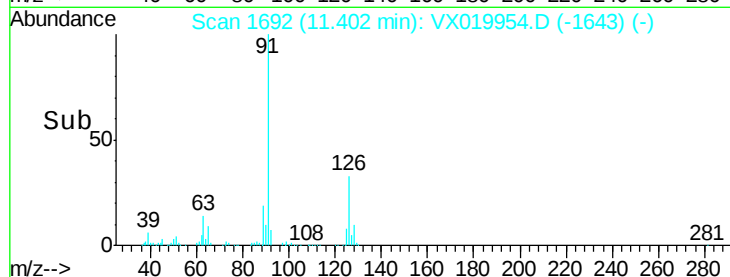
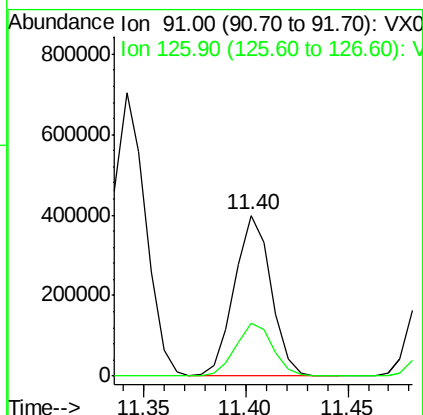
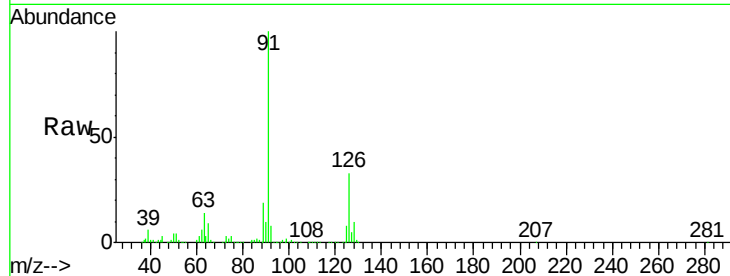




#79
 2-Chlorotoluene
 Concen: 52.743 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

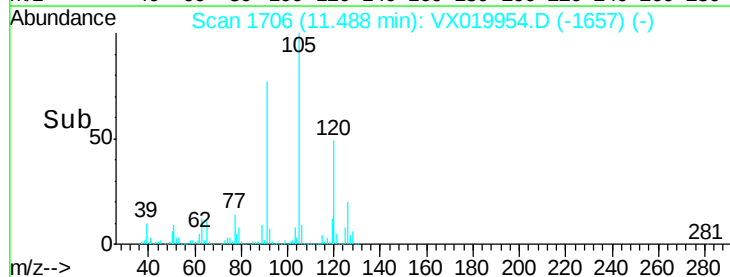
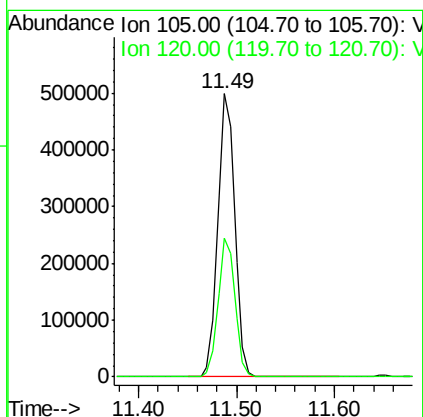
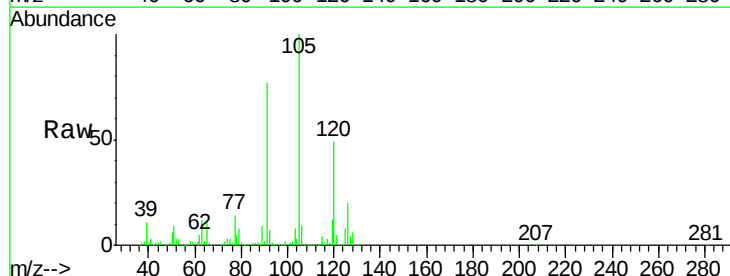
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

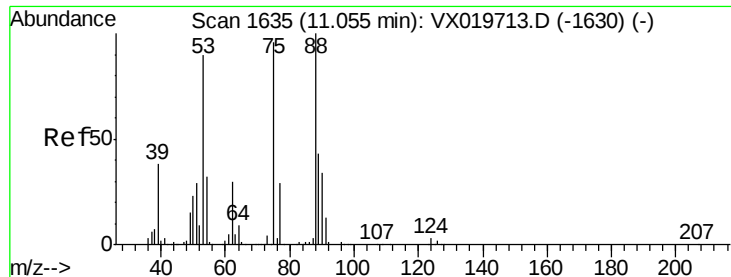
Tgt Ion: 91 Resp: 494240
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.428 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion: 105 Resp: 600743
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 50.939 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

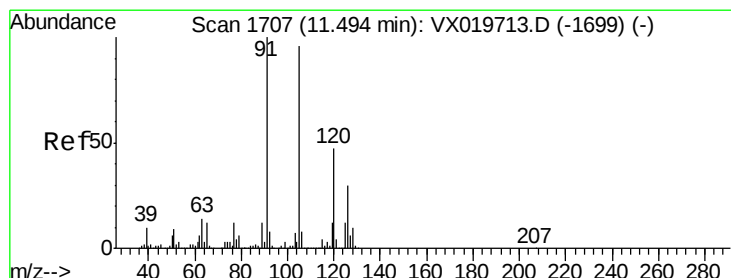
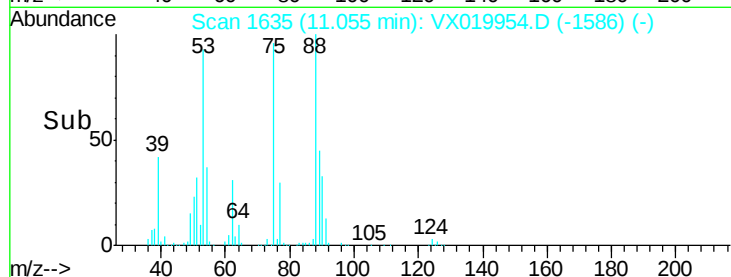
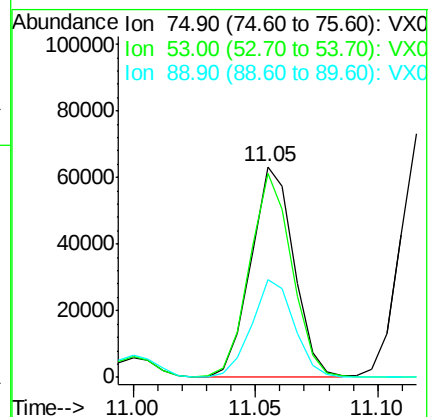
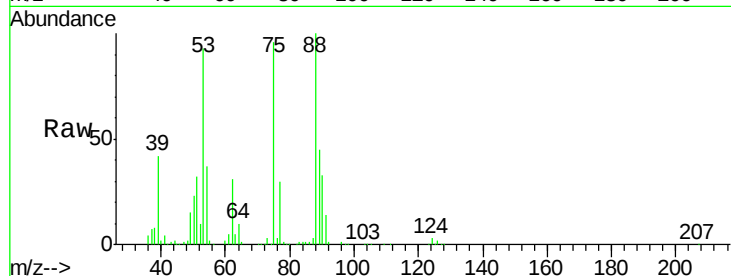
Tgt Ion: 75 Resp: 77069

Ion Ratio Lower Upper

75 100

53 95.1 74.5 111.7

89 46.3 37.9 56.9



#82

4-Chlorotoluene

Concen: 53.243 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019954.D

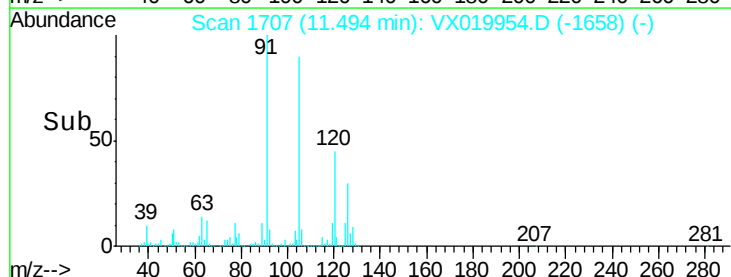
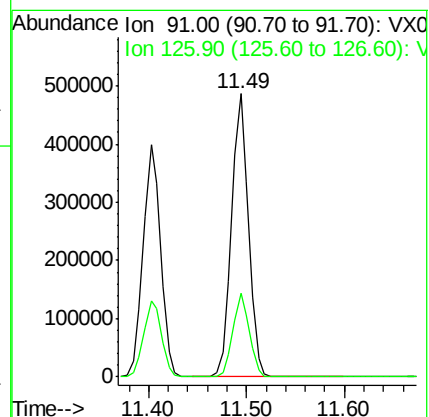
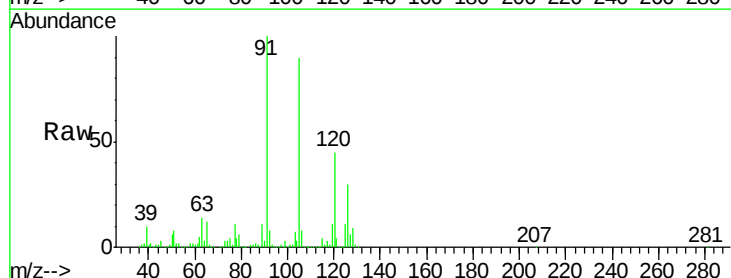
Acq: 13 Dec 2020 00:09

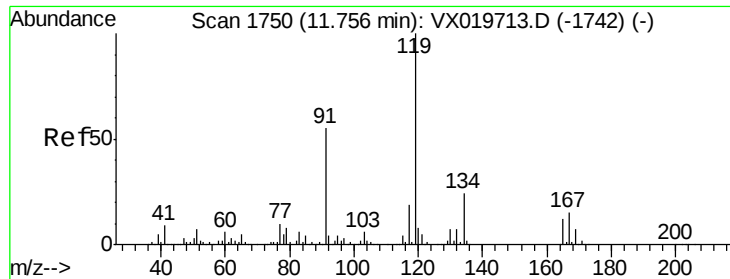
Tgt Ion: 91 Resp: 584325

Ion Ratio Lower Upper

91 100

126 29.0 14.9 44.5

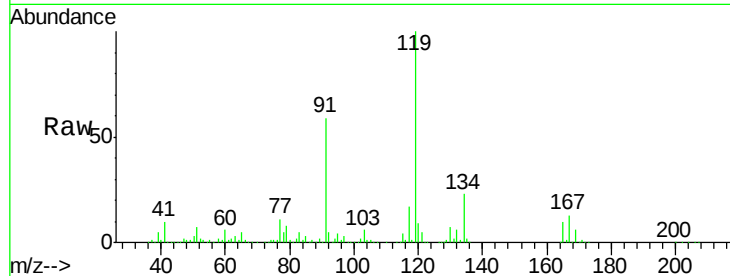




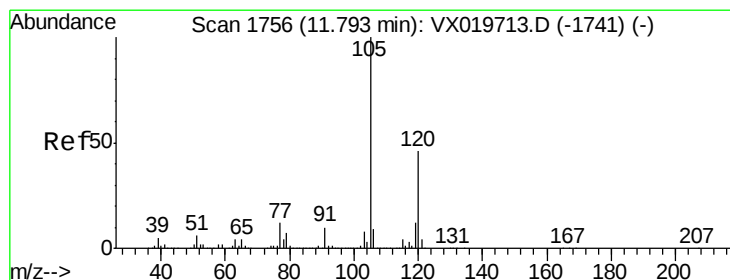
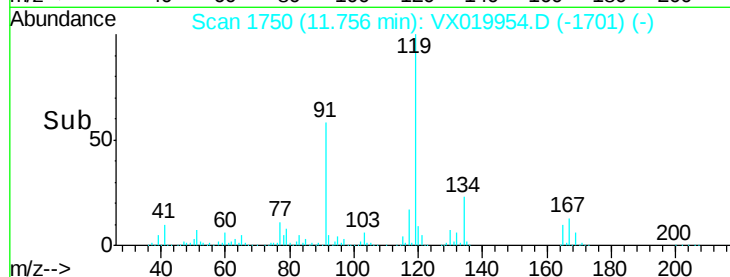
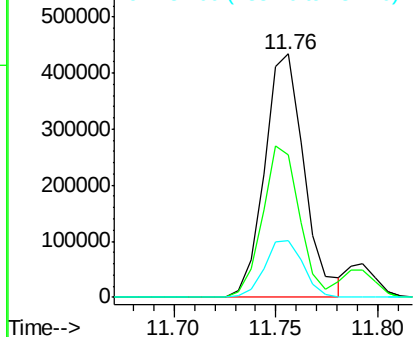
#83
 tert-Butylbenzene
 Concen: 53.311 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 587897
 Ion Ratio Lower Upper
 119 100
 91 58.0 27.9 83.7
 134 22.9 11.3 33.9

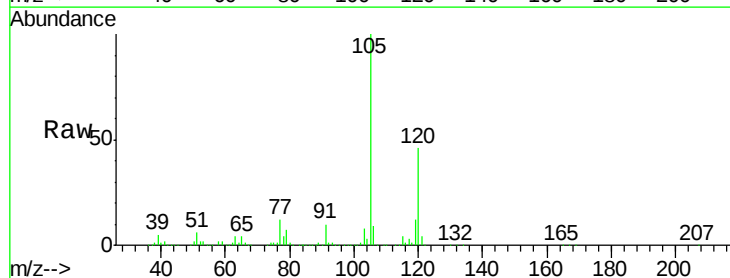


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

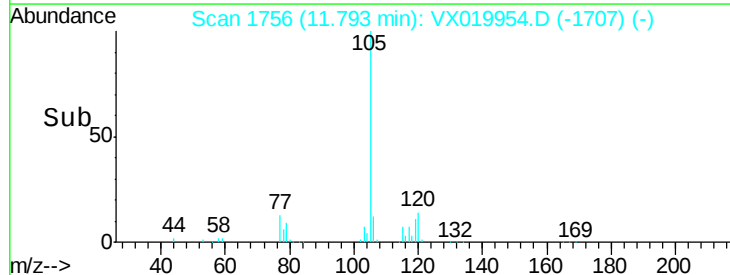
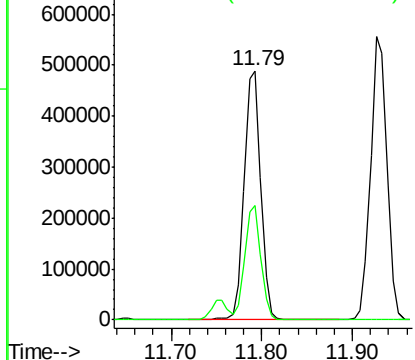


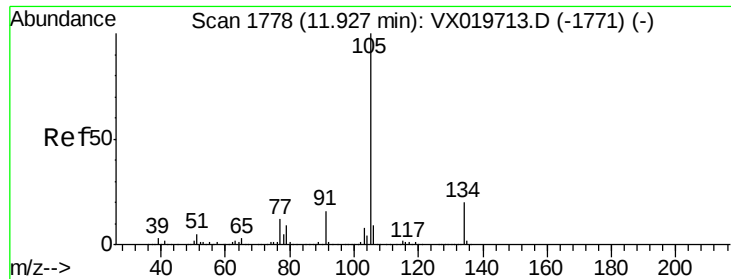
#84
 1,2,4-Trimethylbenzene
 Concen: 54.498 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion:105 Resp: 617265
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3



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

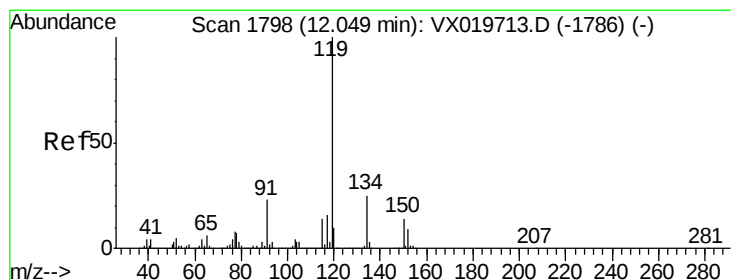
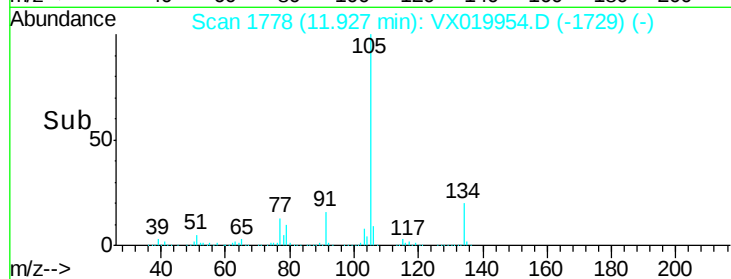
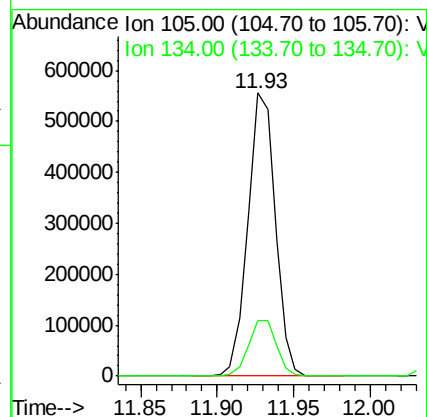
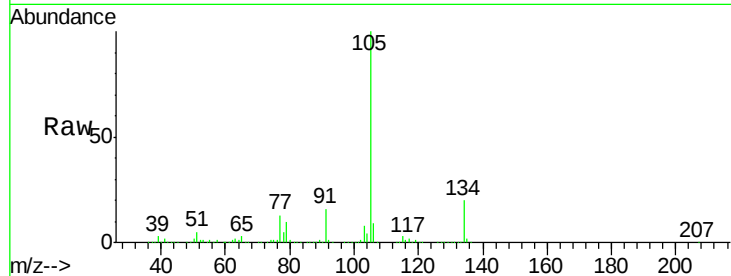




#85
 sec-Butylbenzene
 Concen: 55.008 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

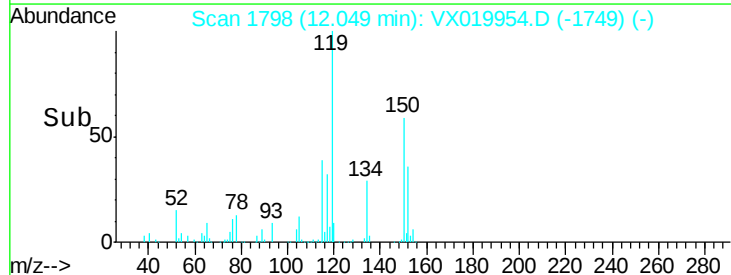
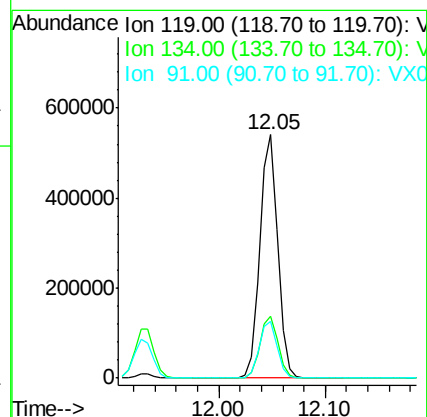
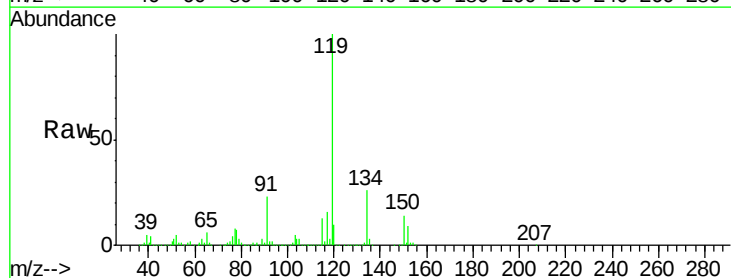
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

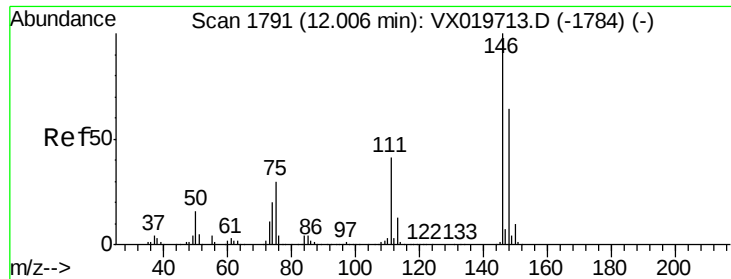
Tgt Ion:105 Resp: 692574
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 55.197 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion:119 Resp: 636913
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 51.287 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

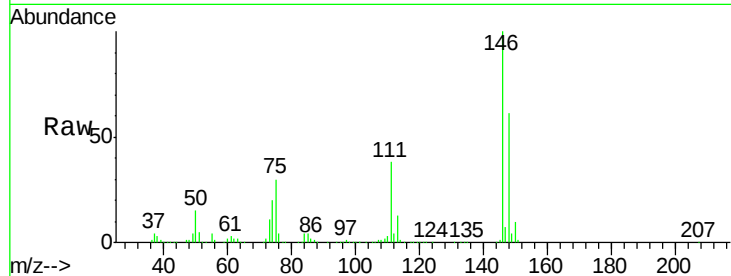
Tgt Ion:146 Resp: 320935

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

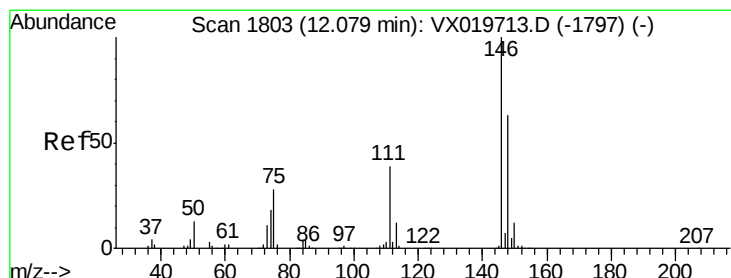
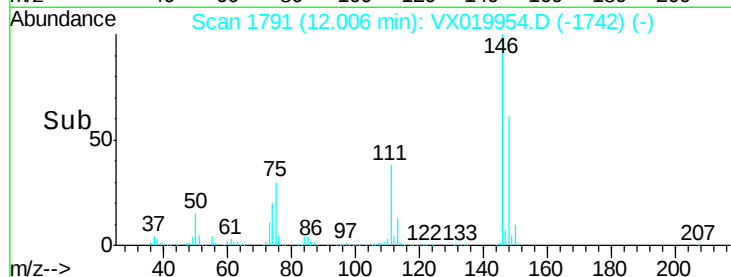
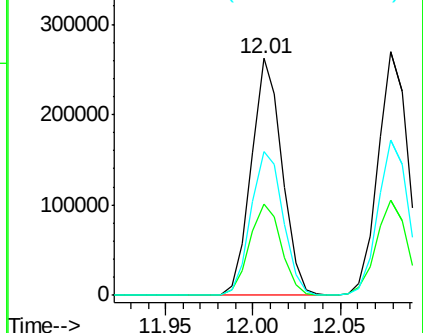
148 63.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.424 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

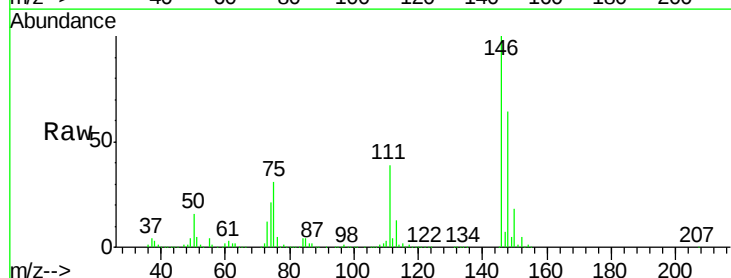
Tgt Ion:146 Resp: 321379

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.8

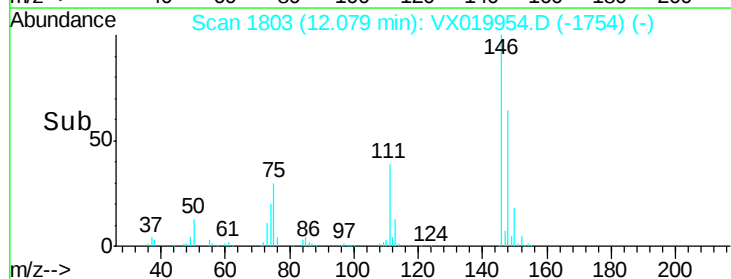
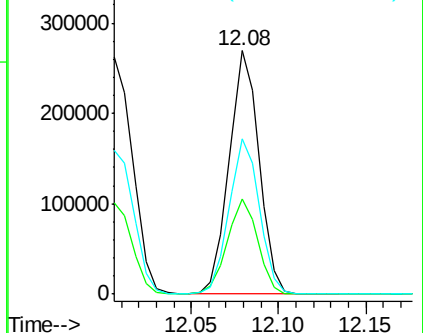
148 64.4 31.6 95.0

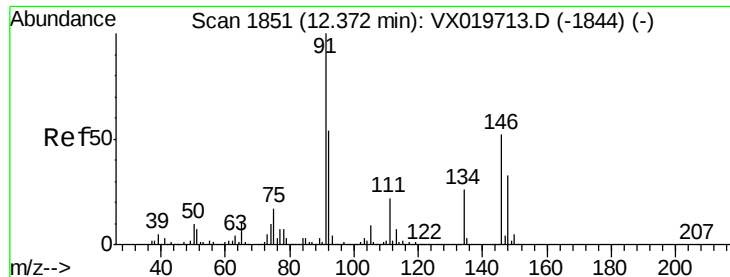


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

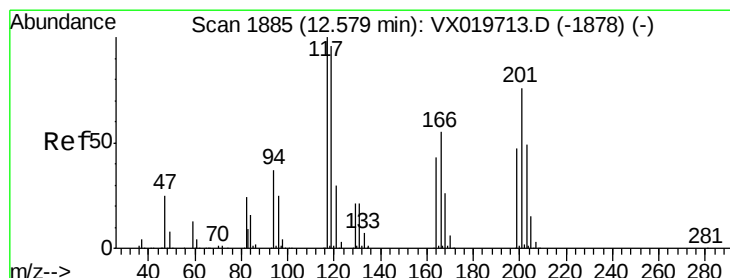
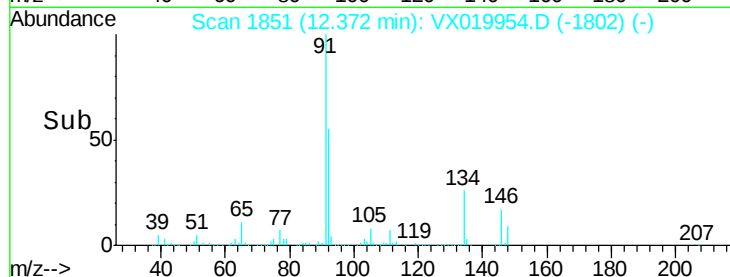
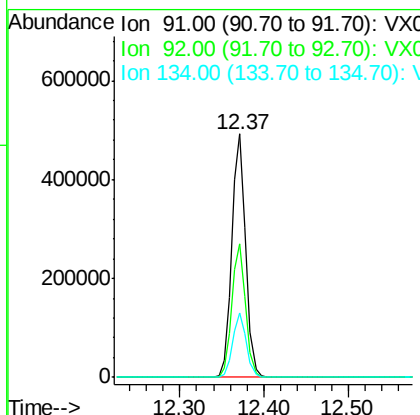
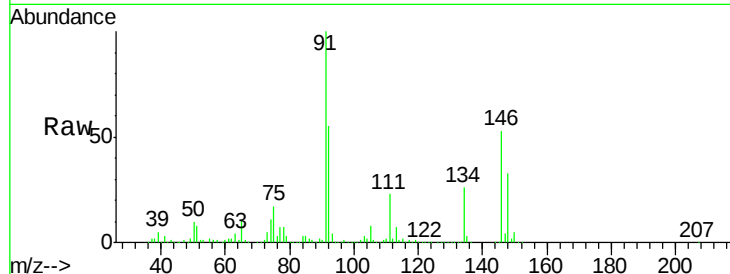




#89
n-Butylbenzene
Concen: 53.988 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

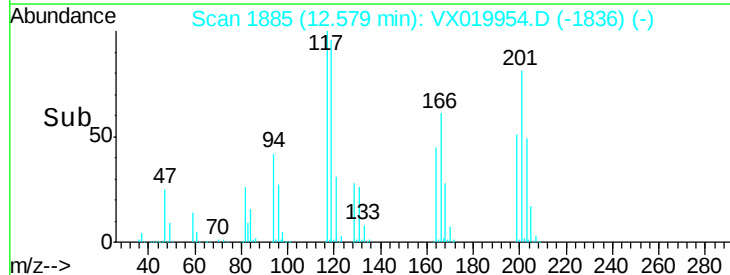
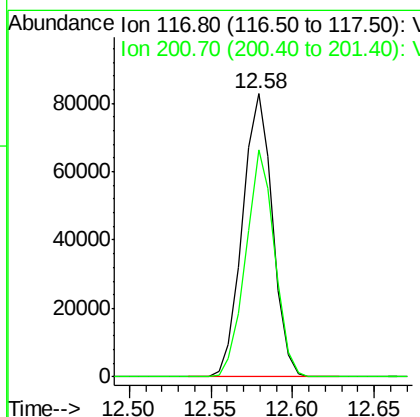
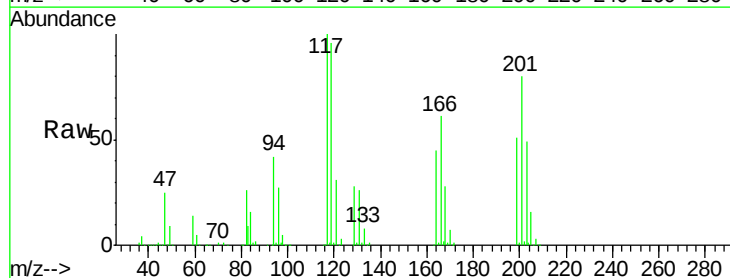
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

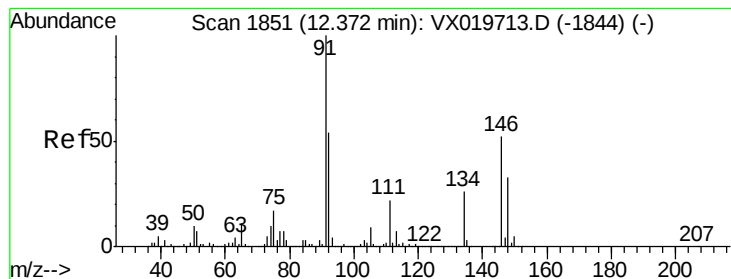
Tgt Ion: 91 Resp: 551928
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 25.9 13.2 39.5



#90
Hexachloroethane
Concen: 53.290 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019954.D
Acq: 13 Dec 2020 00:09

Tgt Ion: 117 Resp: 106161
Ion Ratio Lower Upper
117 100
201 77.7 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 52.221 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

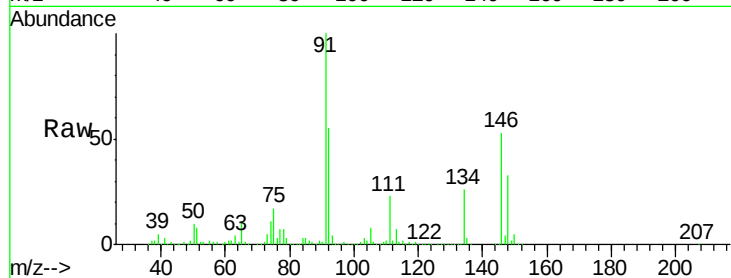
Tgt Ion:146 Resp: 318555

Ion Ratio Lower Upper

146 100

111 42.9 20.8 62.2

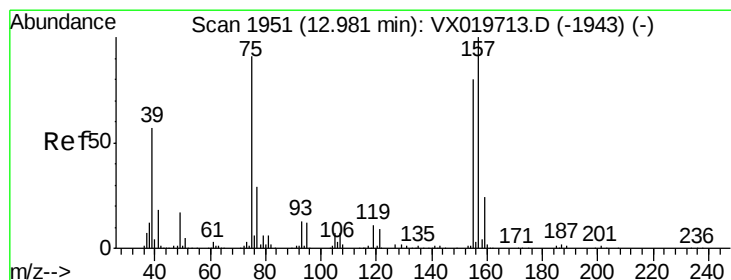
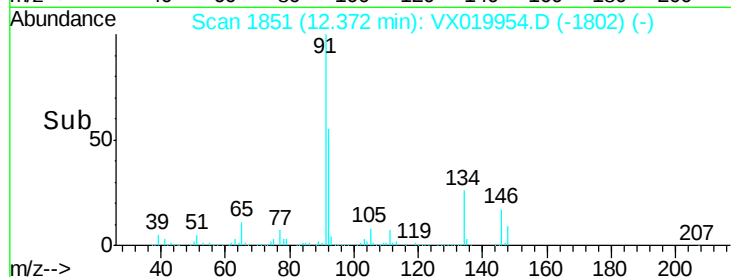
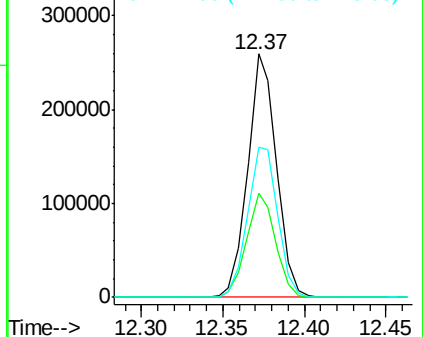
148 64.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.402 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

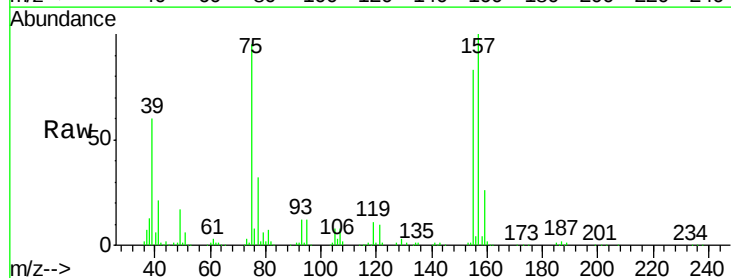
Tgt Ion: 75 Resp: 55943

Ion Ratio Lower Upper

75 100

155 88.2 45.3 135.9

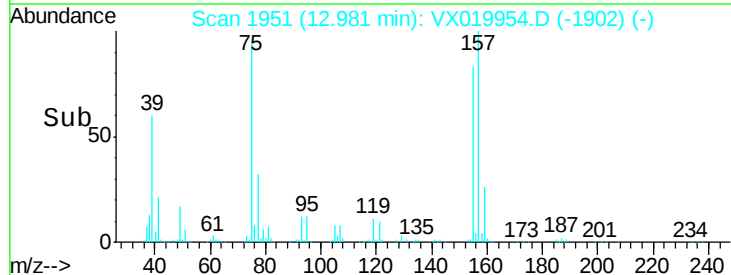
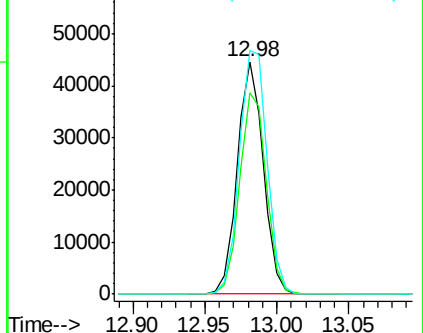
157 111.3 57.7 173.1

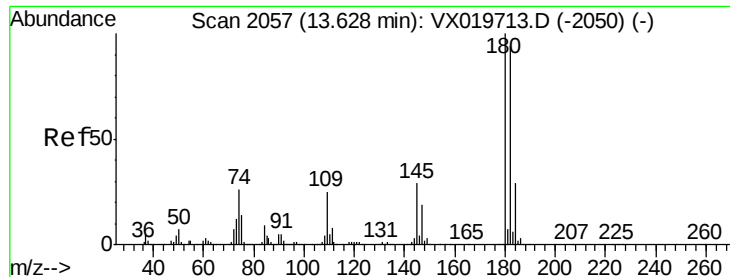


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

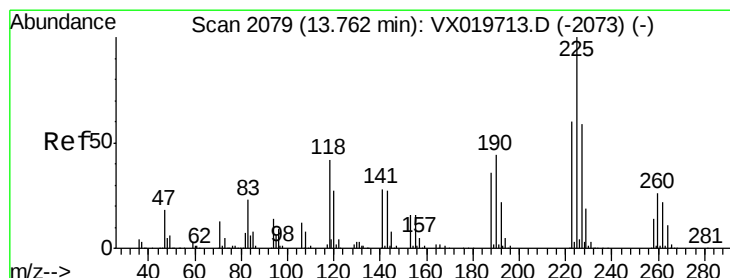
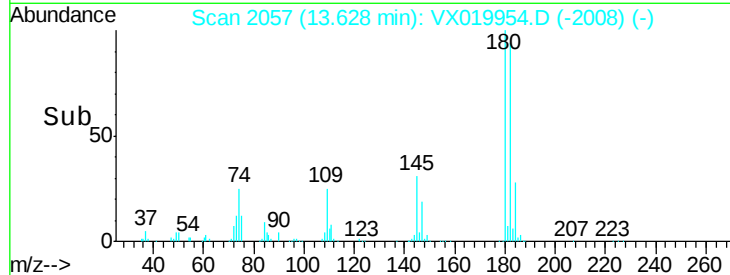
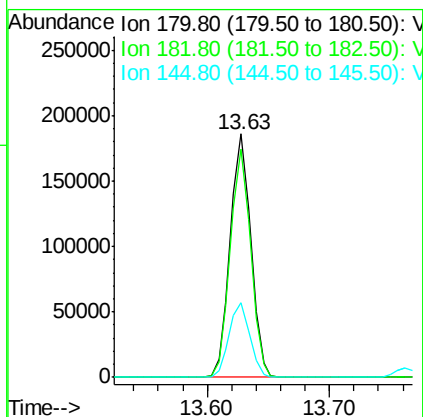
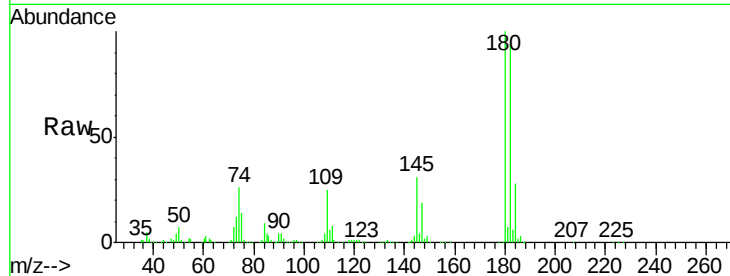




#93
 1,2,4-Trichlorobenzene
 Concen: 54.533 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

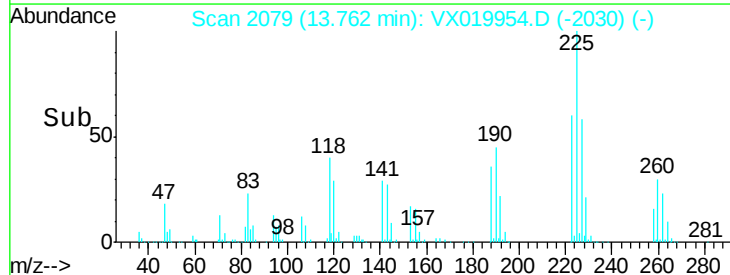
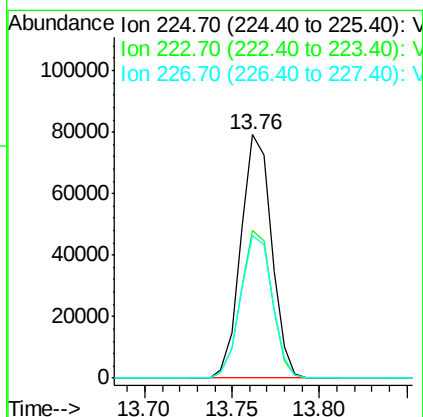
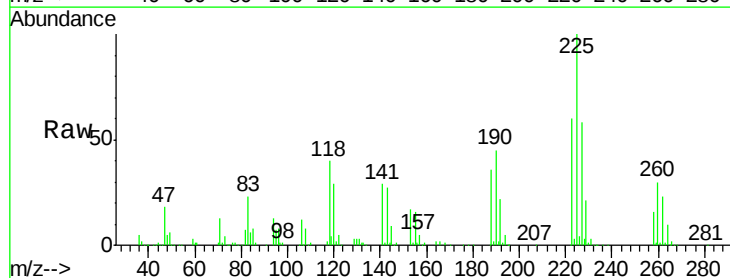
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

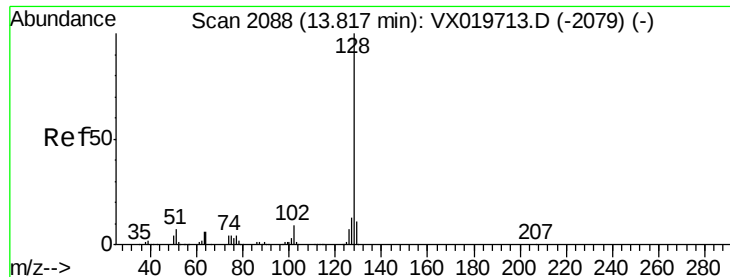
Tgt Ion:180 Resp: 216542
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.7 143.1
 145 30.7 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 54.705 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019954.D
 Acq: 13 Dec 2020 00:09

Tgt Ion:225 Resp: 97090
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.1 93.2
 227 60.5 31.6 95.0





#95

Naphthalene

Concen: 57.104 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

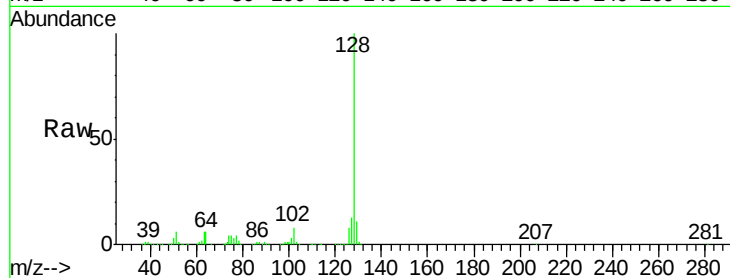
Tgt Ion:128 Resp: 735137

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

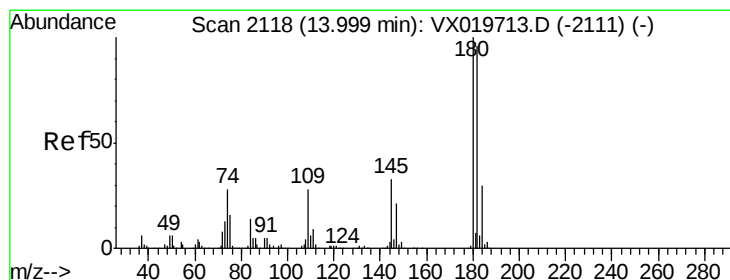
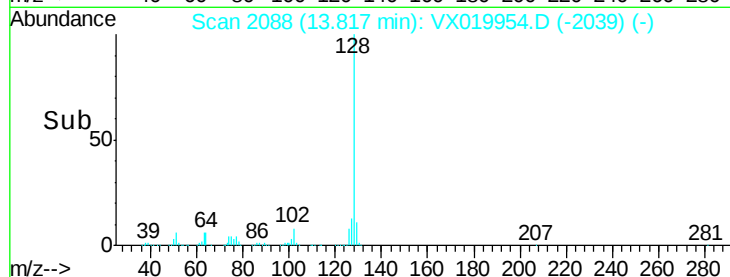
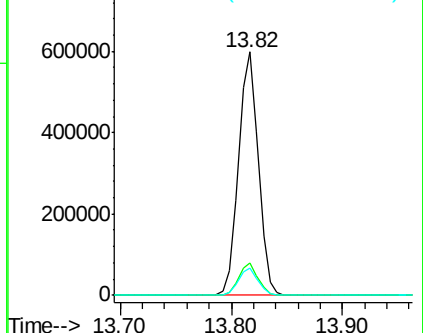
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.789 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019954.D

Acq: 13 Dec 2020 00:09

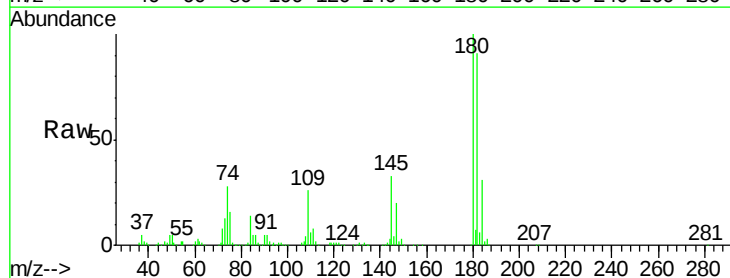
Tgt Ion:180 Resp: 220382

Ion Ratio Lower Upper

180 100

182 91.5 47.6 142.9

145 32.4 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

