

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX113020\
 Data File : VX019669.D
 Acq On : 30 Nov 2020 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 01 02:34:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	298813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	490444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	426584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218433	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	182632	47.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.28%	
35) Dibromofluoromethane		5.46	113	151935	49.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.70%	
50) Toluene-d8		8.69	98	568558	47.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.06%	
62) 4-Bromofluorobenzene		11.12	95	208793	48.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	141108	48.561	ug/l	98
3) Chloromethane	1.31	50	145977	43.778	ug/l	100
4) Vinyl Chloride	1.39	62	168304	46.888	ug/l	100
5) Bromomethane	1.62	94	59333	43.640	ug/l	99
6) Chloroethane	1.69	64	74779	88.801	ug/l	97
7) Trichlorofluoromethane	1.90	101	247805	47.832	ug/l	100
8) Diethyl Ether	2.17	74	102606	49.452	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	142886	49.436	ug/l	99
10) Methyl Iodide	2.48	142	190656	50.211	ug/l	99
11) Tert butyl alcohol	3.04	59	182856	249.386	ug/l	100
12) 1,1-Dichloroethene	2.35	96	140308	47.296	ug/l	100
13) Acrolein	2.27	56	83796	170.016	ug/l	97
14) Allyl chloride	2.70	41	233769	50.301	ug/l	100
15) Acrylonitrile	3.12	53	432044	249.852	ug/l	99
16) Acetone	2.42	43	486538	324.730	ug/l	99
17) Carbon Disulfide	2.54	76	376176	47.200	ug/l	99
18) Methyl Acetate	2.75	43	187204	50.947	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	530706	51.826	ug/l	100
20) Methylene Chloride	2.83	84	173494	46.329	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	165905	49.360	ug/l	98
22) Diisopropyl ether	3.82	45	487339	50.690	ug/l	93
23) Vinyl Acetate	3.78	43	2087160	258.820	ug/l	99
24) 1,1-Dichloroethane	3.67	63	292110	49.675	ug/l	99
25) 2-Butanone	4.64	43	616154	273.760	ug/l	100
26) 2,2-Dichloropropane	4.54	77	265618	51.749	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	192644	49.896	ug/l	99
28) Bromochloromethane	4.97	49	126729	45.076	ug/l	100
29) Tetrahydrofuran	5.09	42	346988	241.625	ug/l	100
30) Chloroform	5.17	83	303801	49.407	ug/l	97
31) Cyclohexane	5.54	56	244452	48.511	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	268028	50.745	ug/l	99
36) 1,1-Dichloropropene	5.76	75	222759	48.448	ug/l	99
37) Ethyl Acetate	4.79	43	215845	50.005	ug/l	99
38) Carbon Tetrachloride	5.74	117	229747	51.623	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	265874	49.663	ug/l	100
40) Benzene	6.10	78	681902	48.269	ug/l	100
41) Methacrylonitrile	4.99	41	118341	49.716	ug/l	100
42) 1,2-Dichloroethane	6.15	62	235340	48.602	ug/l	100
43) Isopropyl Acetate	6.41	43	354005	48.788	ug/l	100
44) Trichloroethene	7.18	130	181254	48.982	ug/l	100
45) 1,2-Dichloropropane	7.49	63	170985	49.164	ug/l	99
46) Dibromomethane	7.63	93	116230	48.830	ug/l	100
47) Bromodichloromethane	7.87	83	235760	51.042	ug/l	96
48) Methyl methacrylate	7.74	41	172182	50.669	ug/l	99
49) 1,4-Dioxane	7.71	88	77201	1000.568	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1048067	247.699	ug/l	99
52) Toluene	8.76	92	423311	48.981	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	262456	52.614	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	286291	51.716	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	171447	48.711	ug/l	97
56) Ethyl methacrylate	9.16	69	256996	51.602	ug/l	99
57) 1,3-Dichloropropane	9.35	76	286345	48.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	693534	237.652	ug/l	98
59) 2-Hexanone	9.47	43	850231	264.948	ug/l	100
60) Dibromochloromethane	9.56	129	181514	52.651	ug/l	99
61) 1,2-Dibromoethane	9.65	107	177849	49.021	ug/l	98
64) Tetrachloroethene	9.32	164	153829	45.876	ug/l	98
65) Chlorobenzene	10.12	112	436486	49.767	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	168198	52.723	ug/l	98
67) Ethyl Benzene	10.23	91	793754	51.661	ug/l	97
68) m/p-Xylenes	10.34	106	595542	104.036	ug/l	100
69) o-Xylene	10.68	106	282034	51.540	ug/l	98
70) Styrene	10.70	104	490134	48.441	ug/l	100
71) Bromoform	10.84	173	132847	49.218	ug/l #	99
73) Isopropylbenzene	11.00	105	766658	50.736	ug/l	99
74) N-amyl acetate	10.88	43	298373	52.695	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	259649	48.050	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	299903	62.913	ug/l	87
77) Bromobenzene	11.24	156	191093	49.538	ug/l	99
78) n-propylbenzene	11.34	91	877448	50.618	ug/l	99
79) 2-Chlorotoluene	11.40	91	530477	50.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	653052	51.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	90029	50.924	ug/l	97
82) 4-Chlorotoluene	11.49	91	613527	49.574	ug/l	100
83) tert-Butylbenzene	11.76	119	638681	52.080	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	664361	51.799	ug/l	99
85) sec-Butylbenzene	11.93	105	746388	51.160	ug/l	100
86) p-Isopropyltoluene	12.05	119	688689	51.992	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	343925	48.547	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	358046	49.066	ug/l	99
89) n-Butylbenzene	12.37	91	612127	51.117	ug/l	98
90) Hexachloroethane	12.58	117	117507	53.014	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	342423	48.125	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56537	51.285	ug/l	99

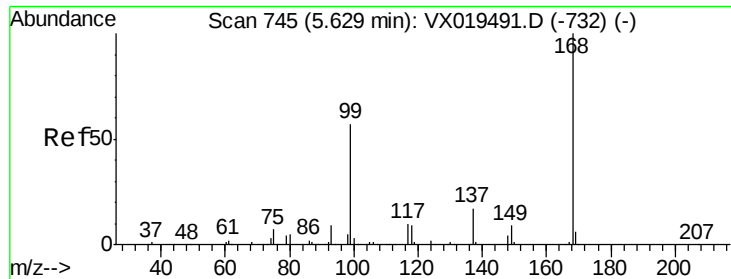
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229694	50.282	ug/l	98
94) Hexachlorobutadiene	13.76	225	98655	47.408	ug/l	99
95) Naphthalene	13.82	128	765335	47.611	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	232529	50.890	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

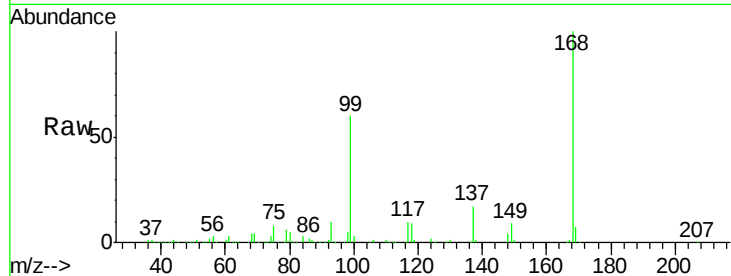
VSTDCCC050

Tot Ion:168 Resp: 298813

Ion Ratio Lower Upper

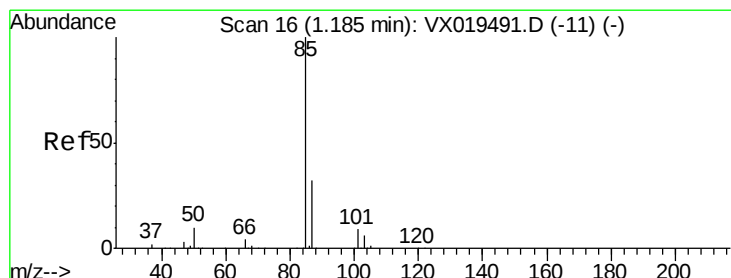
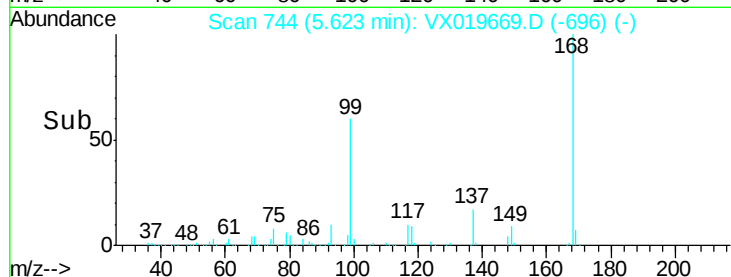
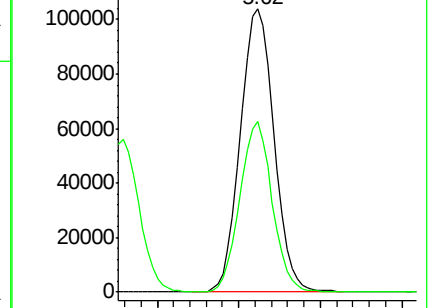
168 100

99 60.1 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: 48.561 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019669.D

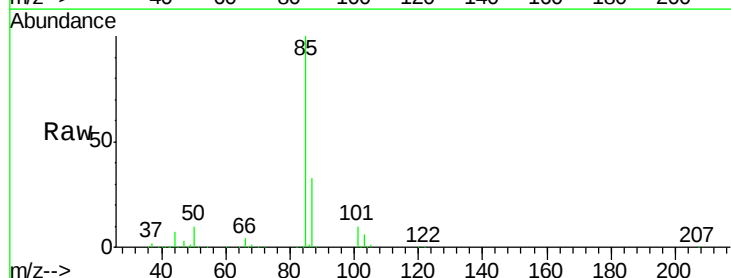
Acq: 30 Nov 2020 09:55

Tgt Ion: 85 Resp: 141108

Ion Ratio Lower Upper

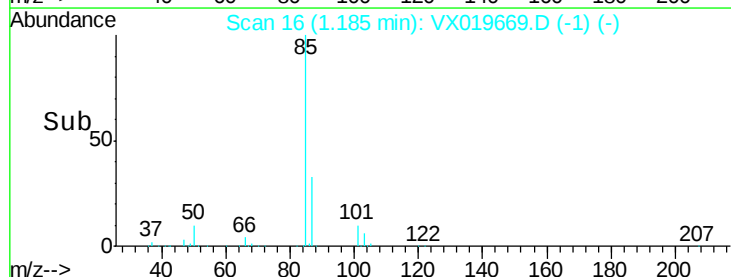
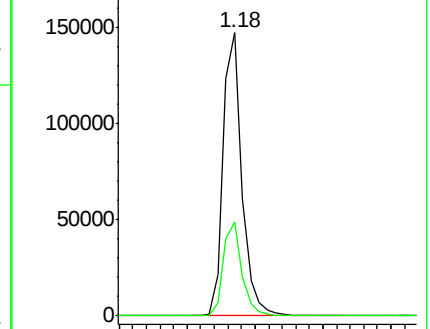
85 100

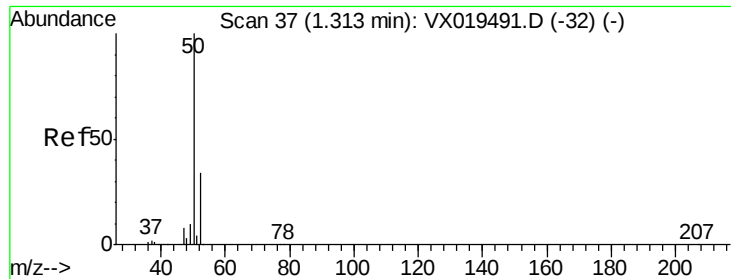
87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.778 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

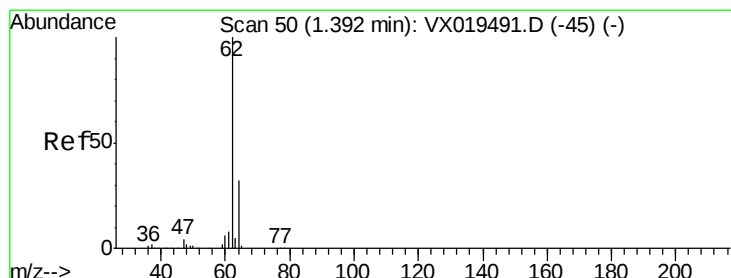
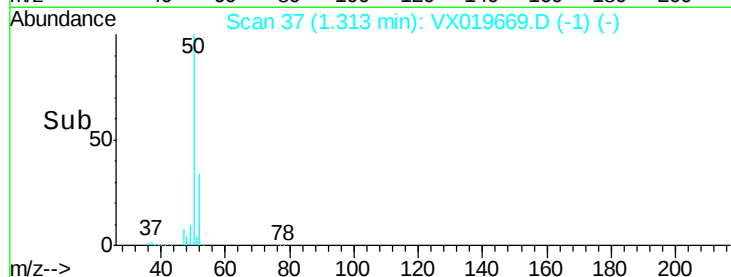
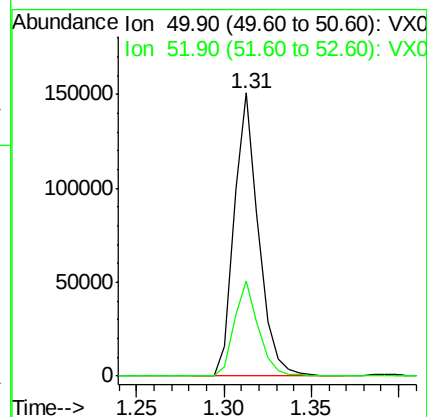
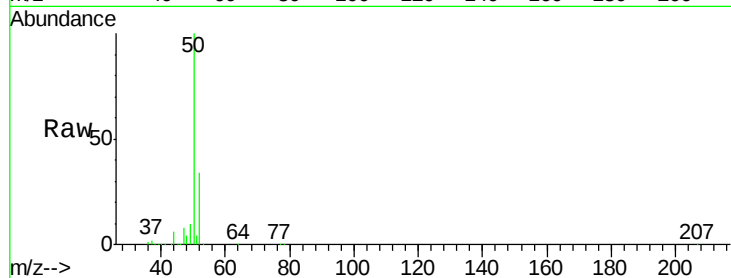
VSTDCCC050

Tot Ion: 50 Resp: 145977

Ion Ratio Lower Upper

50 100

52 33.6 27.0 40.6



#4

Vinyl Chloride

Concen: 46.888 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019669.D

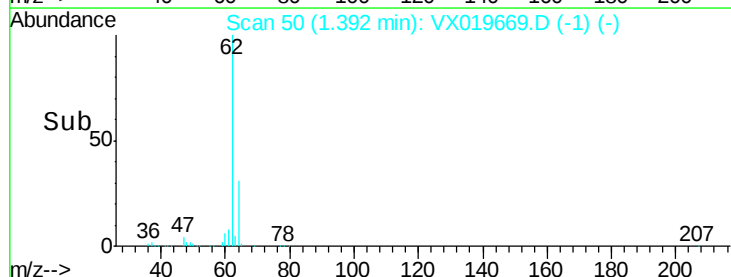
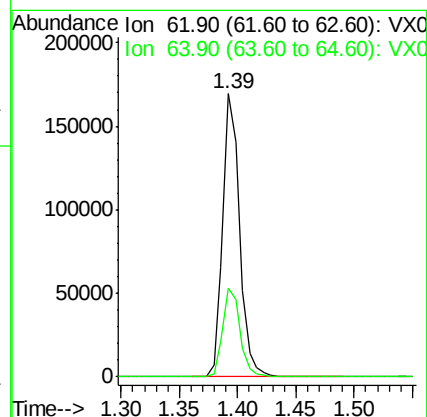
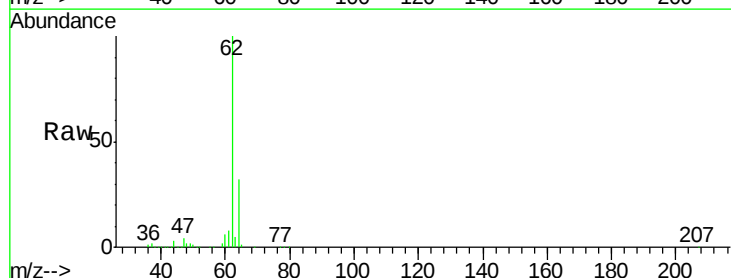
Acq: 30 Nov 2020 09:55

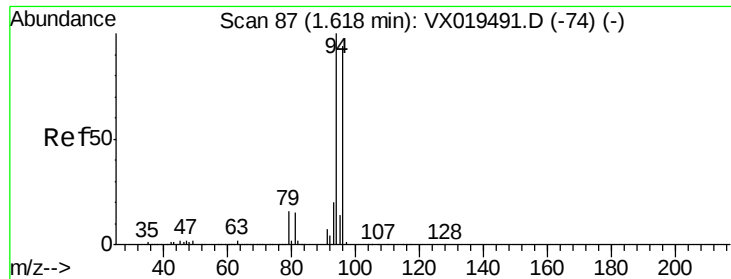
Tgt Ion: 62 Resp: 168304

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 43.640 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

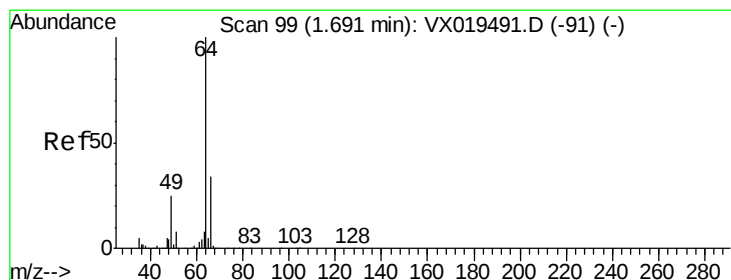
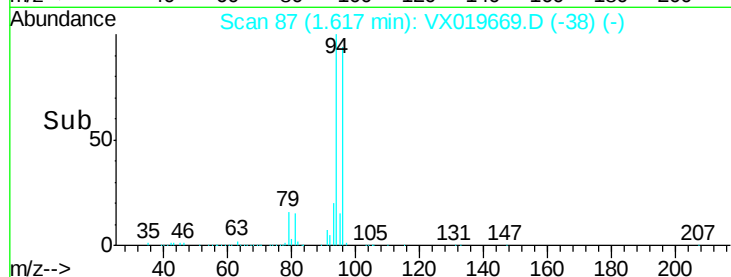
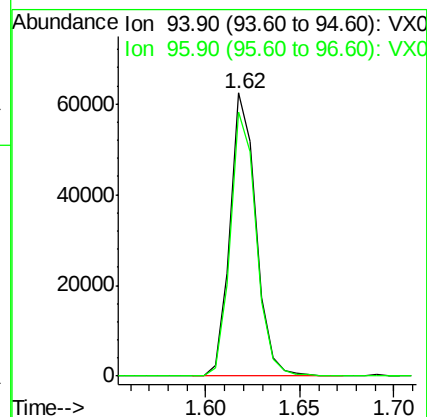
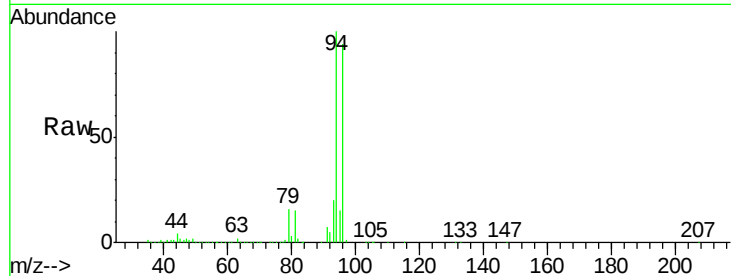
VSTDCCC050

Tot Ion: 94 Resp: 59333

Ion Ratio Lower Upper

94 100

96 93.6 75.6 113.4



#6

Chloroethane

Concen: 88.801 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019669.D

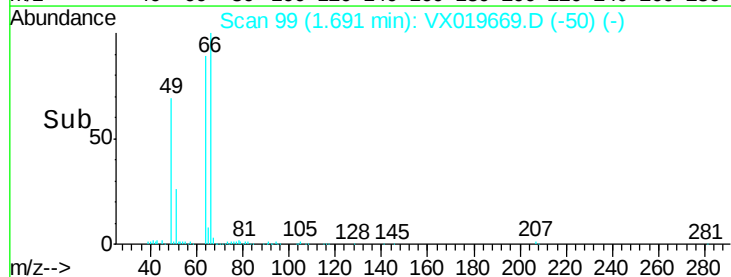
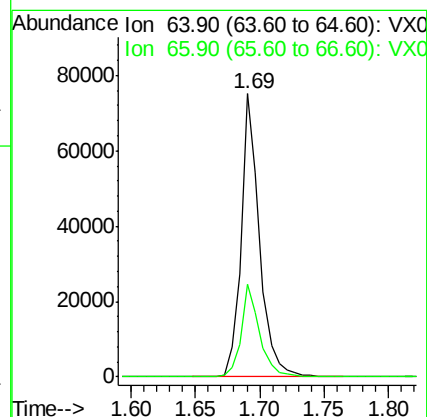
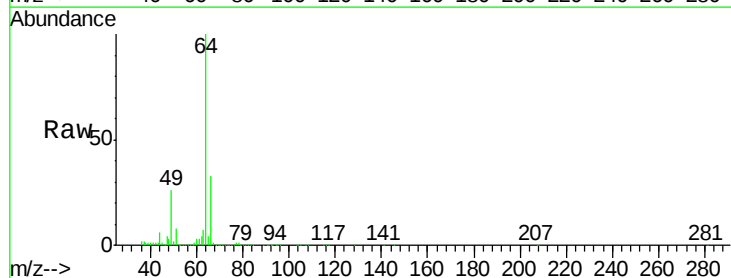
Acq: 30 Nov 2020 09:55

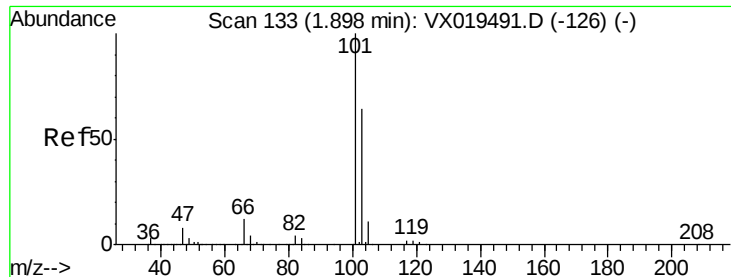
Tgt Ion: 64 Resp: 74779

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7



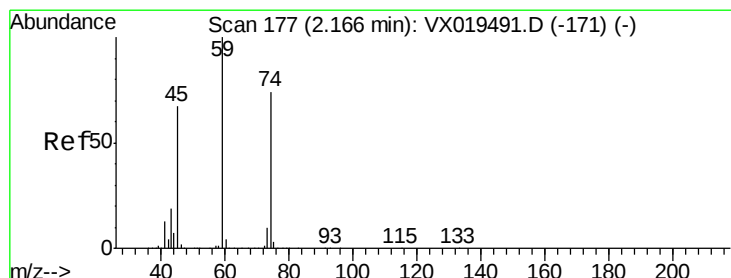
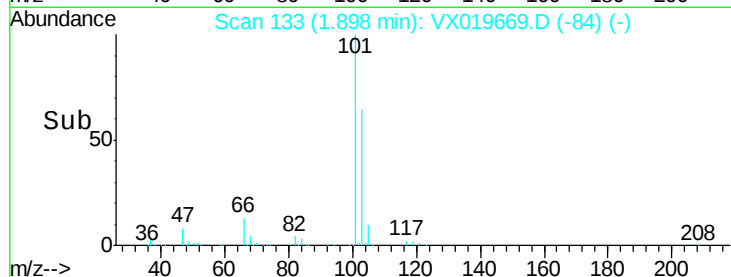
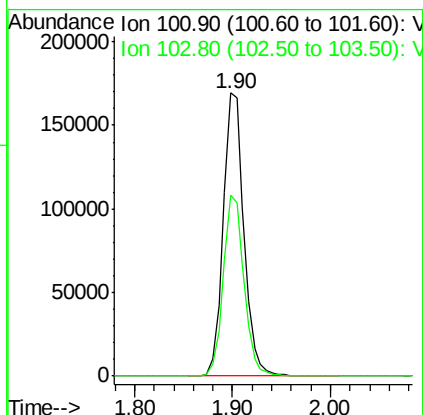
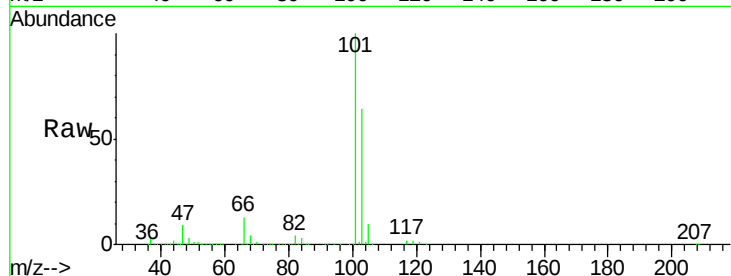


#7

Trichlorofluoromethane
 Concen: 47.832 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

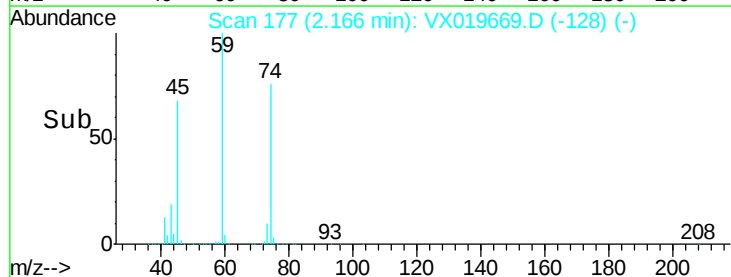
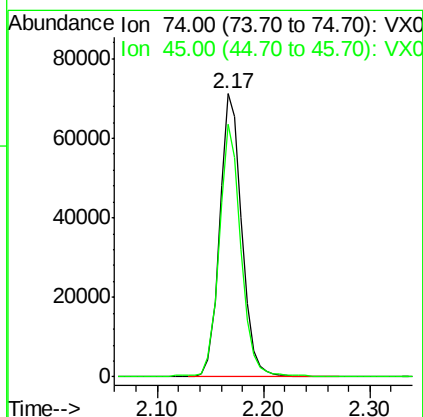
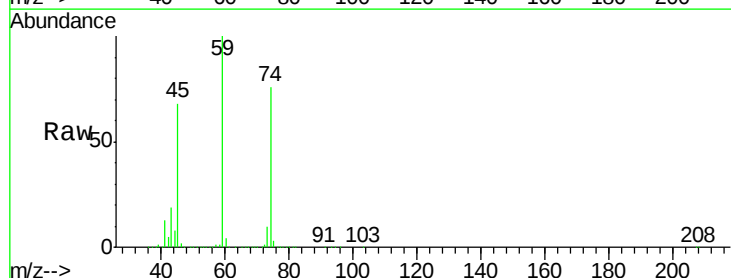
Tot Ion:101 Resp: 247805
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.9 76.3

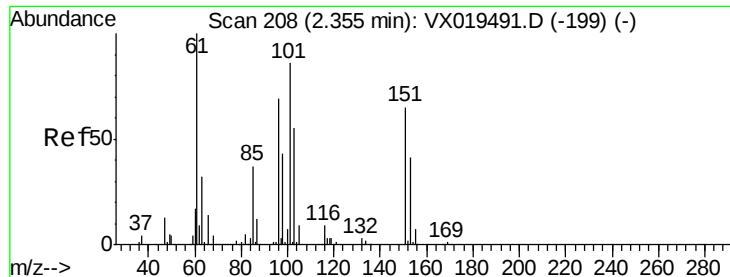


#8

Diethyl Ether
 Concen: 49.452 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion: 74 Resp: 102606
 Ion Ratio Lower Upper
 74 100
 45 86.7 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.436 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

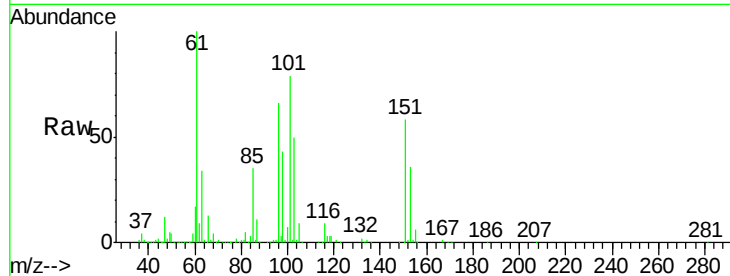
Tot Ion:101 Resp: 142886

Ion Ratio Lower Upper

101 100

85 43.5 33.9 50.9

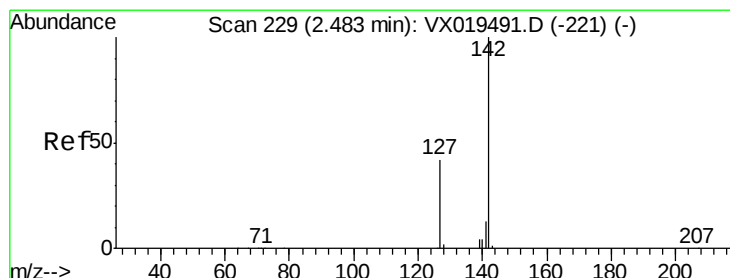
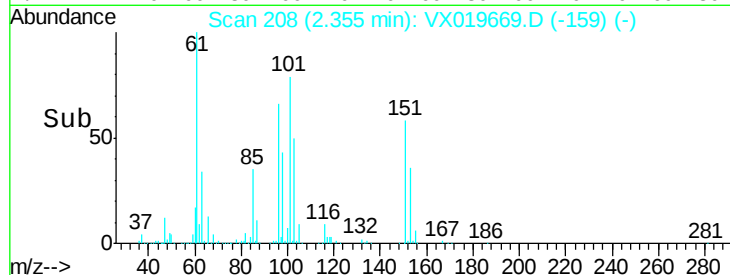
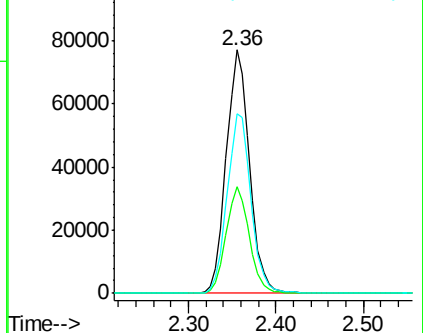
151 75.7 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.211 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

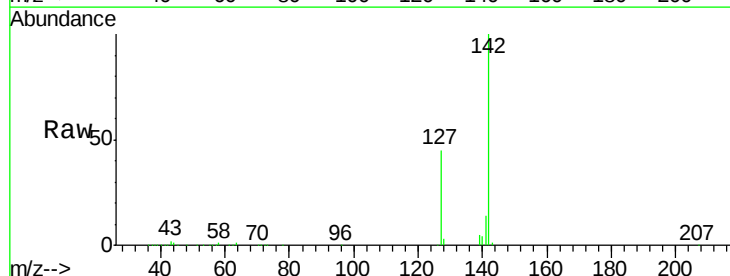
Tgt Ion:142 Resp: 190656

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.6

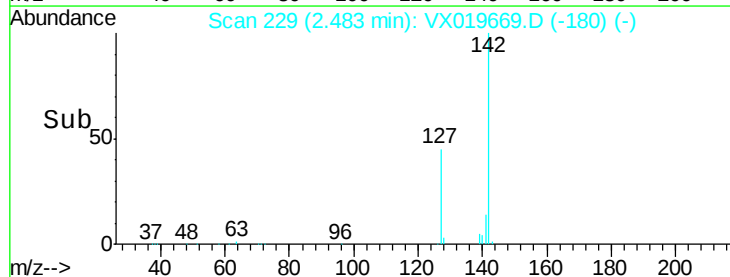
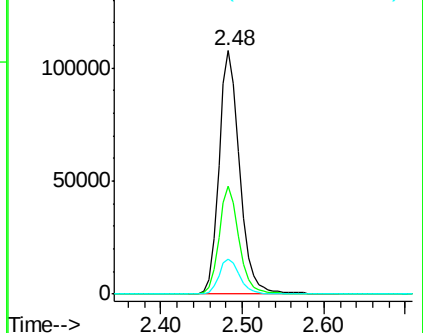
141 14.3 11.0 16.6

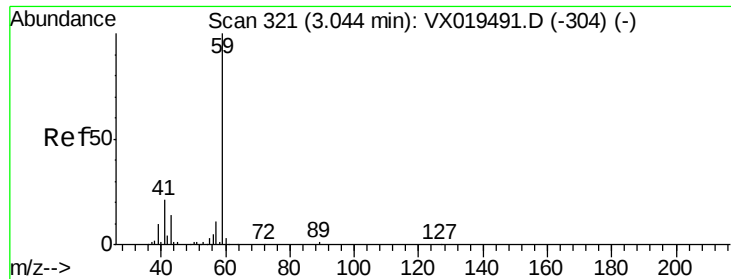


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

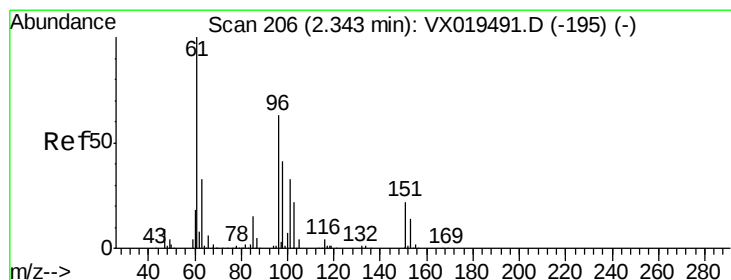
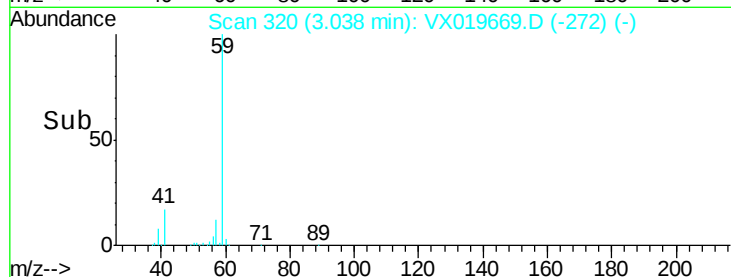
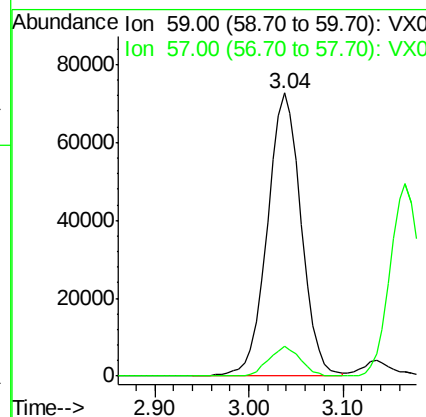
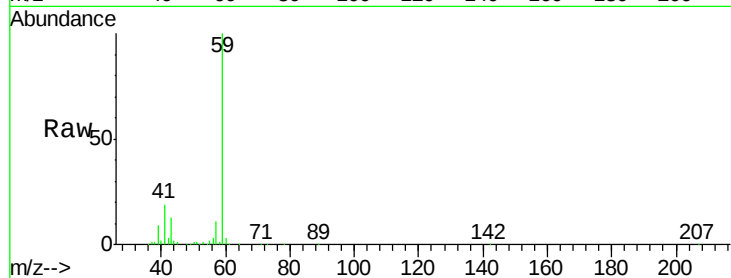




#11
Tert butyl alcohol
Concen: 249.386 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

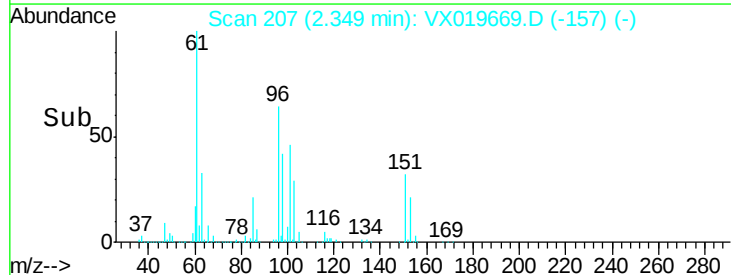
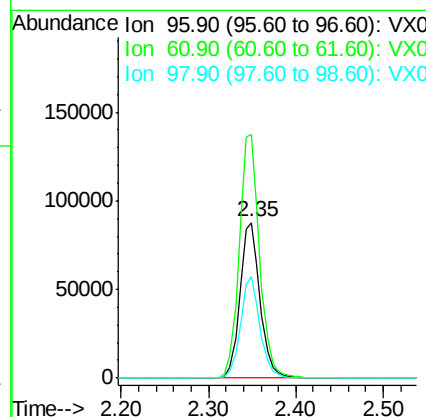
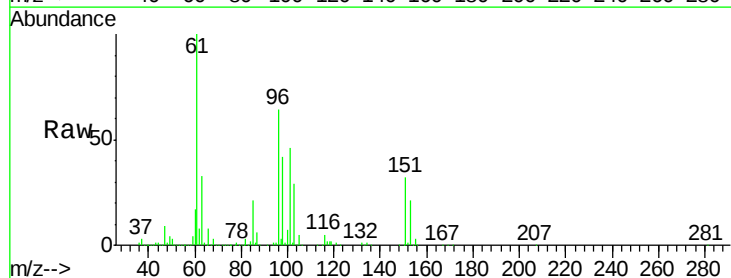
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

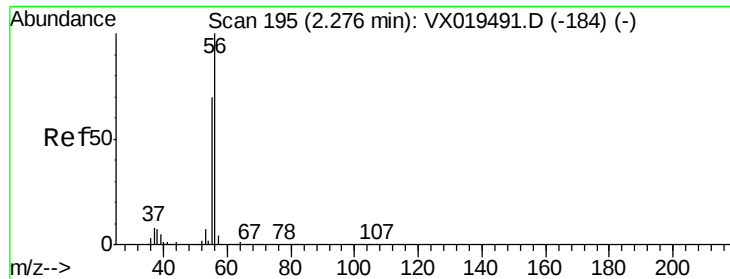
Tot Ion: 59 Resp: 182856
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 47.296 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 96 Resp: 140308
Ion Ratio Lower Upper
96 100
61 156.7 126.0 189.0
98 65.0 52.0 78.0





#13

Acrolein

Concen: 170.016 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

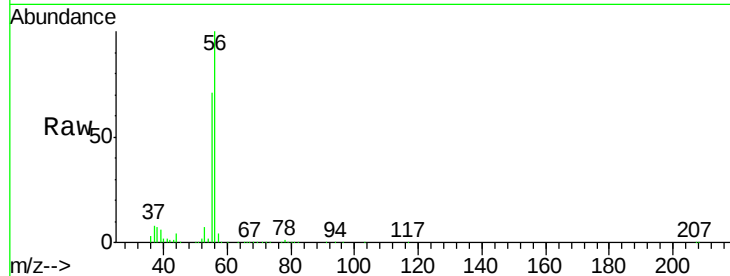
VSTDCCC050

Tot Ion: 56 Resp: 83796

Ion Ratio Lower Upper

56 100

55 71.4 55.5 83.3

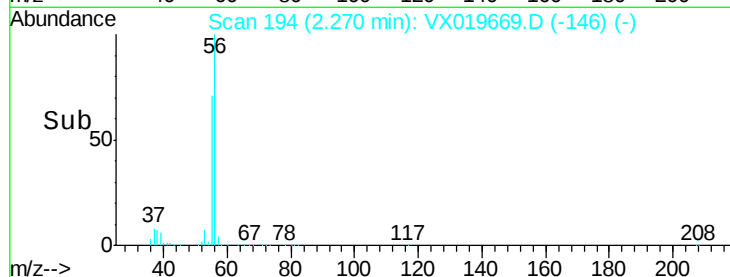


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

Time-->



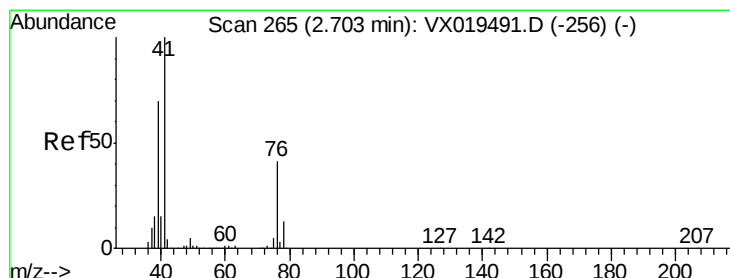
Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

Time-->



#14

Allyl chloride

Concen: 50.301 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

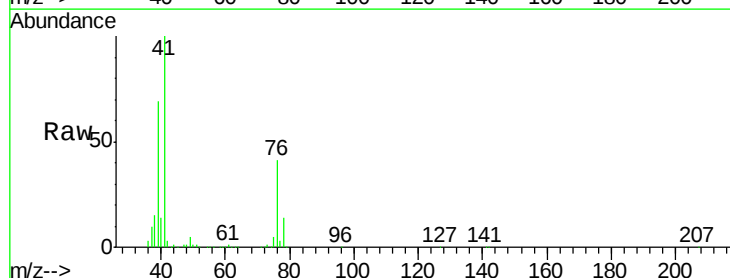
Tgt Ion: 41 Resp: 233769

Ion Ratio Lower Upper

41 100

39 65.8 53.0 79.4

76 39.0 31.0 46.6



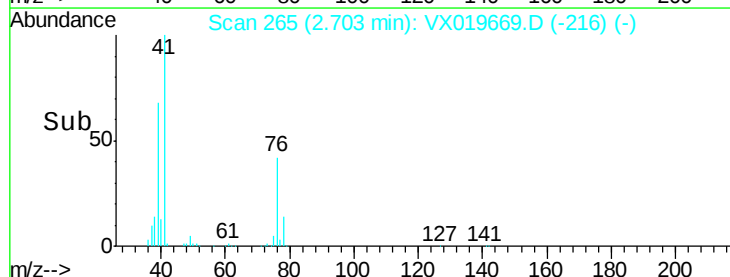
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

Time-->



Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

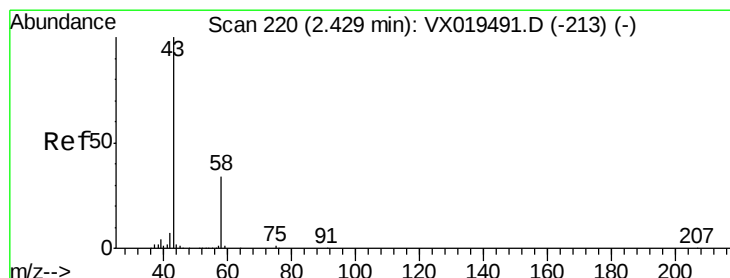
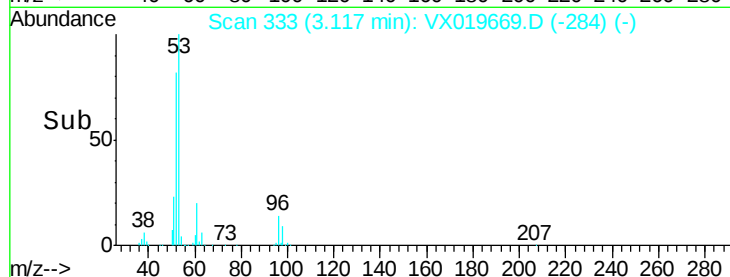
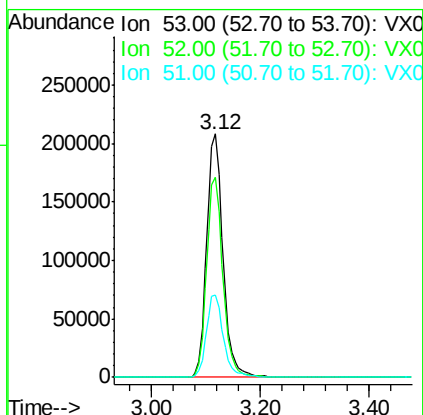
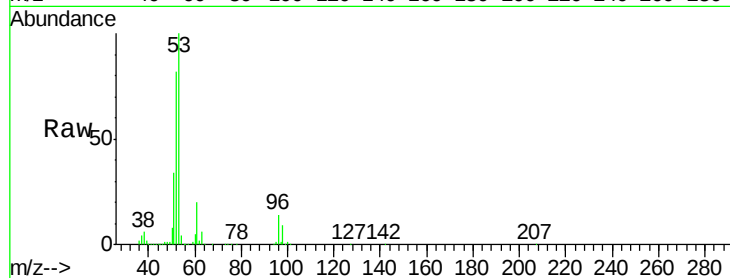
Time-->



#15
 Acrylonitrile
 Concen: 249.852 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

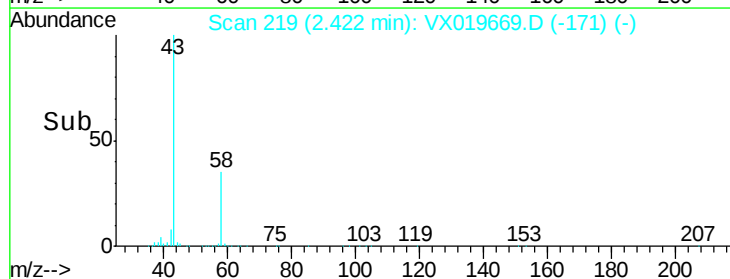
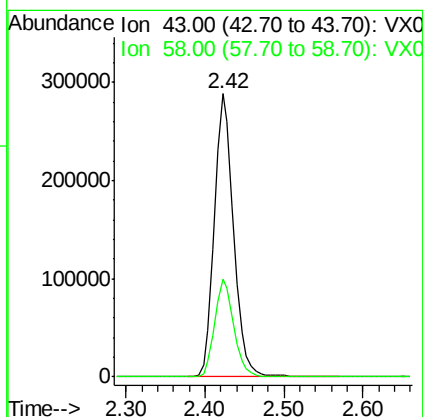
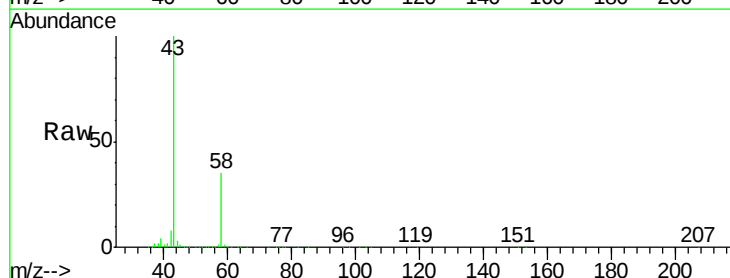
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

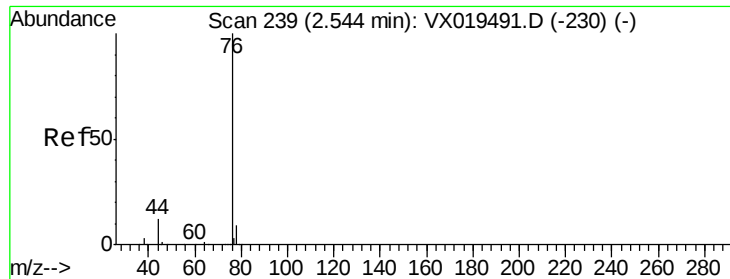
Tot Ion: 53 Resp: 432044
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.2 99.2
 51 34.8 28.5 42.7



#16
 Acetone
 Concen: 324.730 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion: 43 Resp: 486538
 Ion Ratio Lower Upper
 43 100
 58 34.6 27.4 41.2

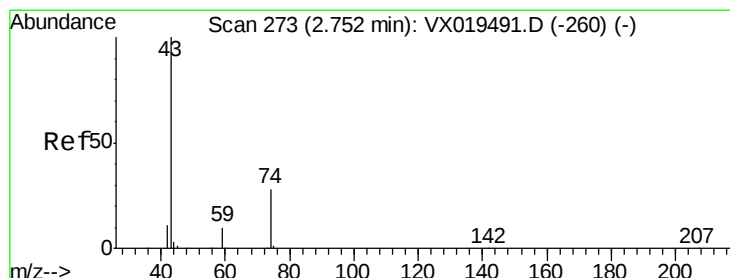
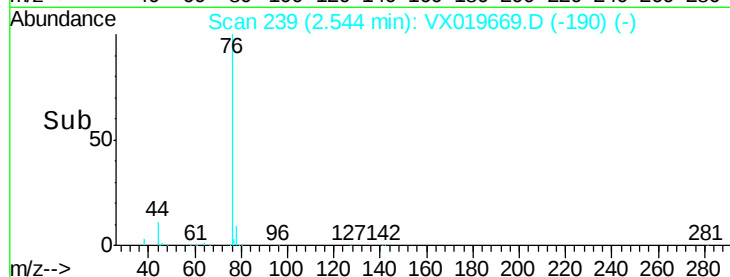
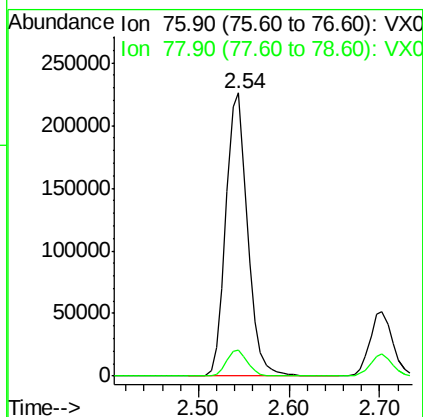
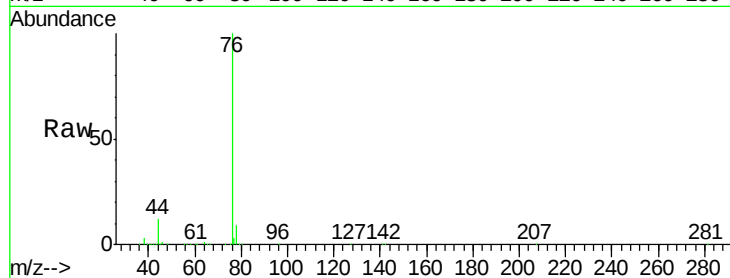




#17
Carbon Disulfide
Concen: 47.200 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

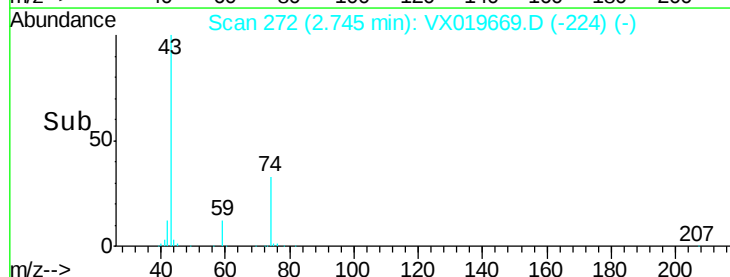
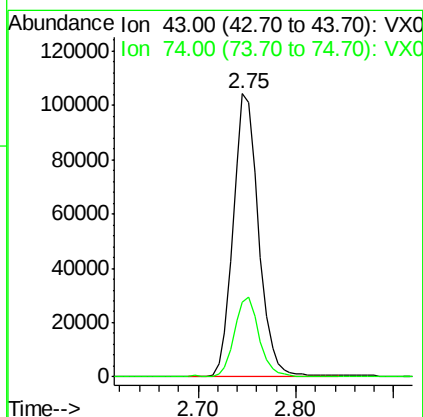
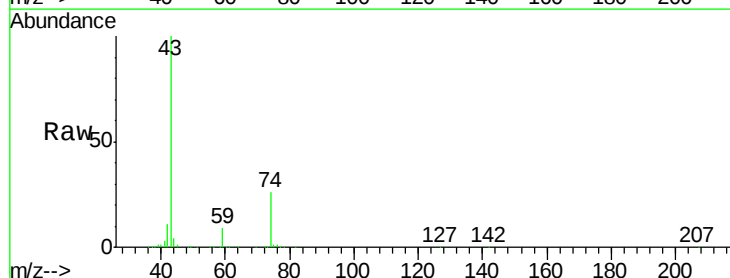
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

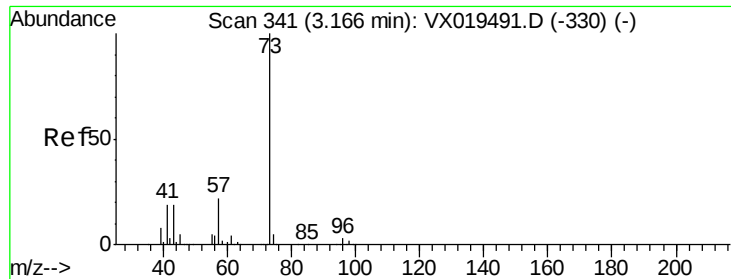
Tot Ion: 76 Resp: 376176
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 50.947 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 43 Resp: 187204
Ion Ratio Lower Upper
43 100
74 28.1 22.2 33.4

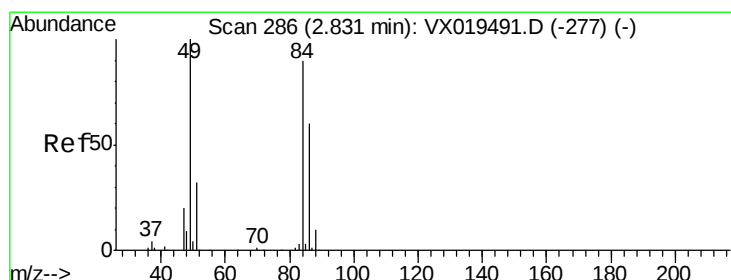
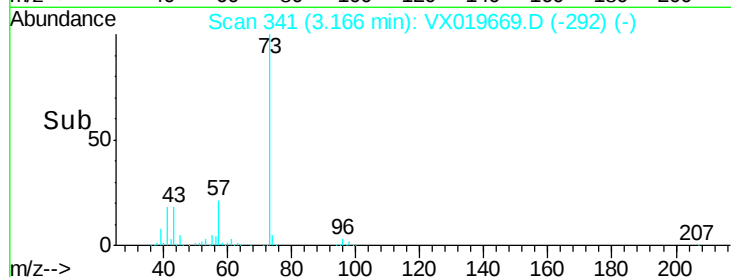
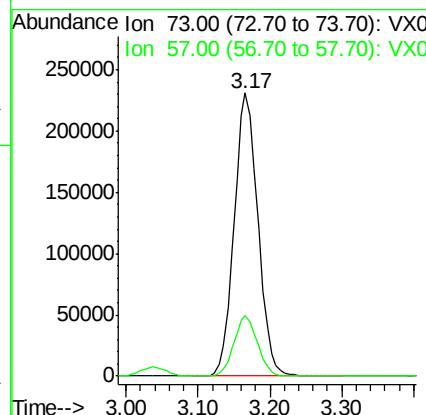
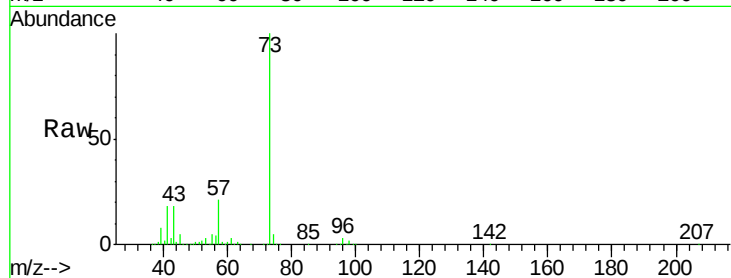




#19
Methyl tert-butyl Ether
Concen: 51.826 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

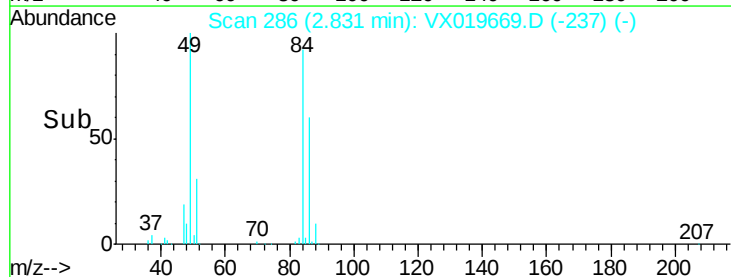
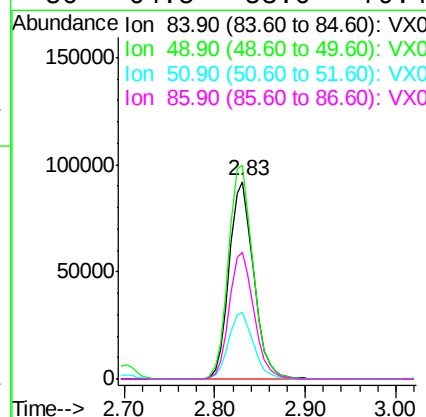
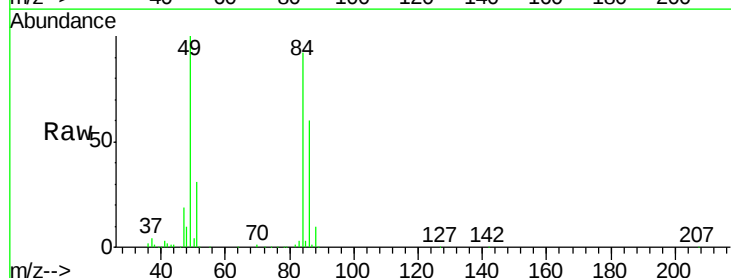
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

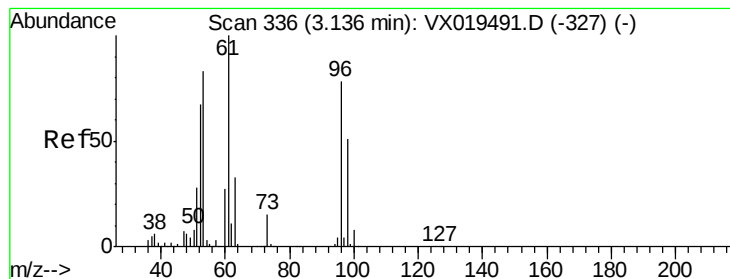
Tot Ion: 73 Resp: 530706
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 46.329 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 84 Resp: 173494
Ion Ratio Lower Upper
84 100
49 108.2 88.5 132.7
51 33.8 28.0 42.0
86 64.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.360 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

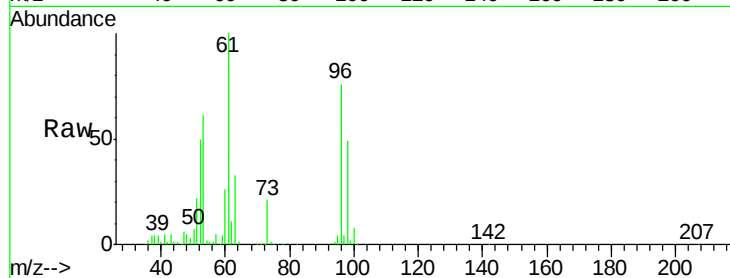
Tot Ion: 96 Resp: 165905

Ion Ratio Lower Upper

96 100

61 131.5 102.9 154.3

98 64.5 52.1 78.1

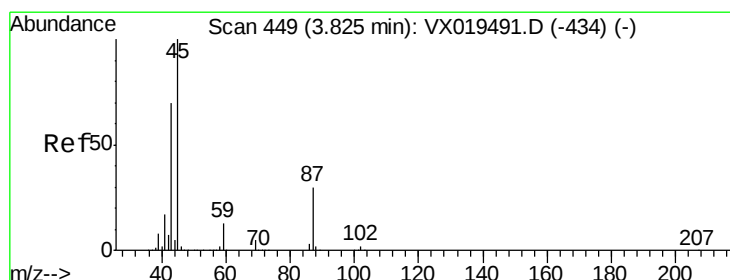
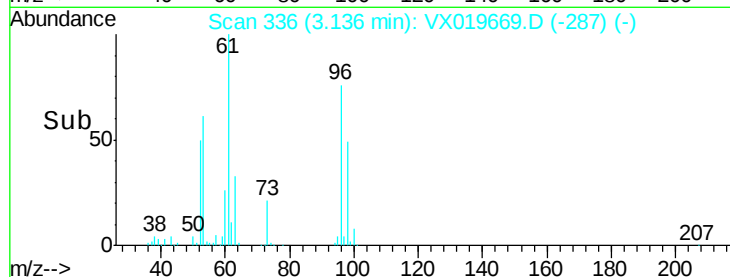
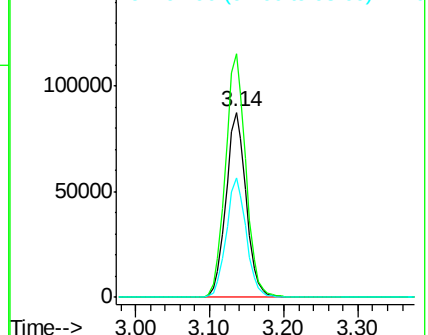


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.690 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion: 45 Resp: 487339

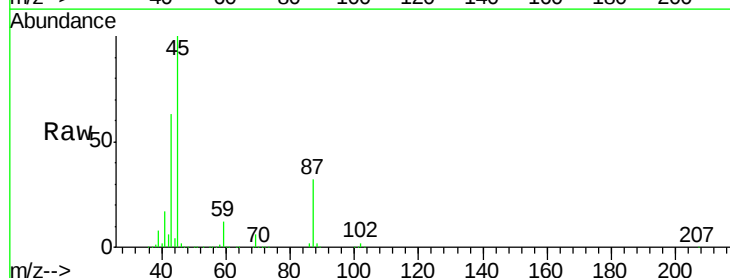
Ion Ratio Lower Upper

45 100

43 62.5 56.1 84.1

87 32.1 24.2 36.2

59 12.5 10.2 15.2



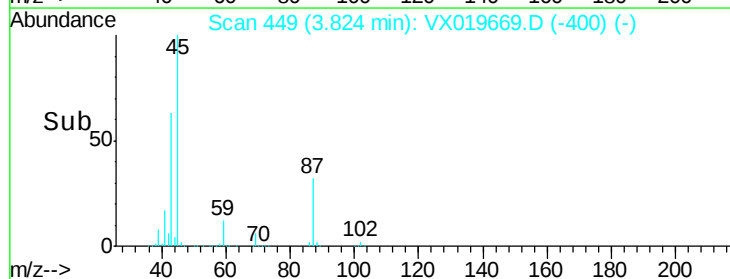
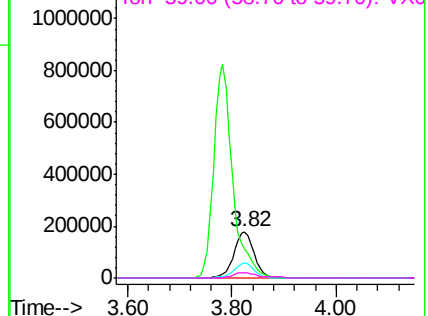
Abundance

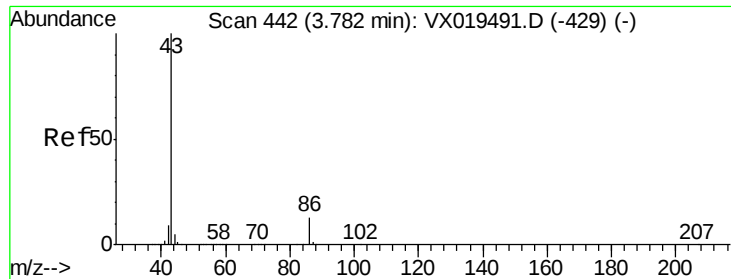
Ion 45.00 (44.70 to 45.70): VX0

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: 258.820 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

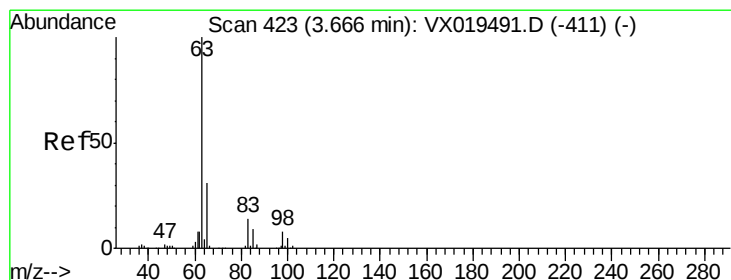
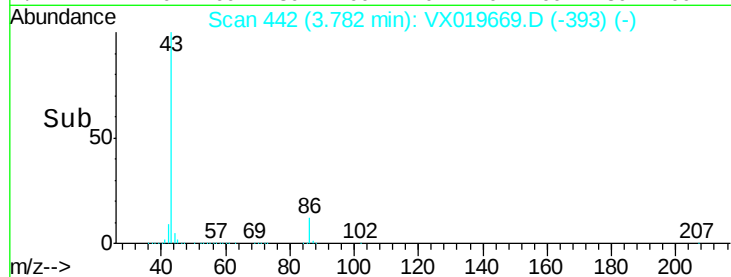
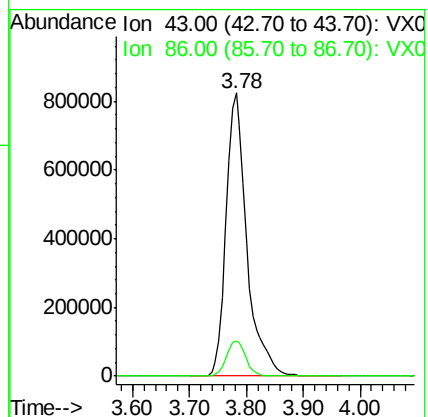
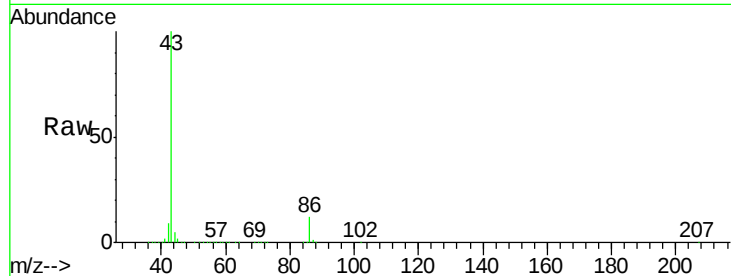
VSTDCCC050

Tot Ion: 43 Resp: 2087160

Ion Ratio Lower Upper

43 100

86 12.4 10.2 15.2



#24

1,1-Dichloroethane

Concen: 49.675 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

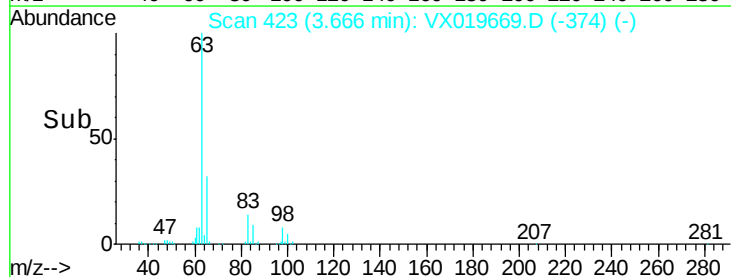
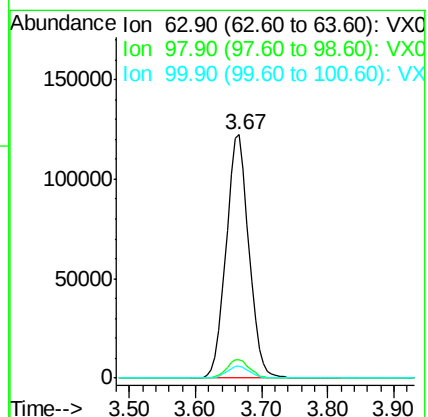
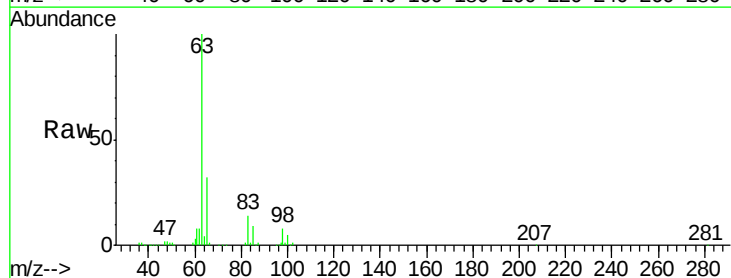
Tgt Ion: 63 Resp: 292110

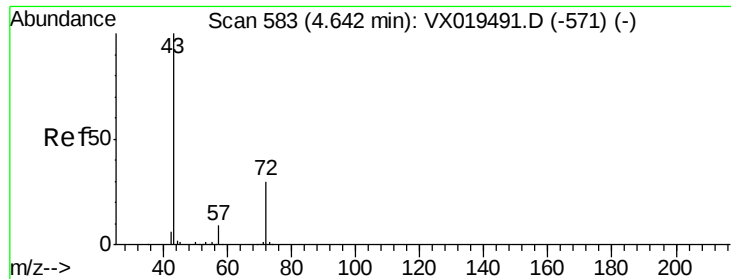
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 273.760 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

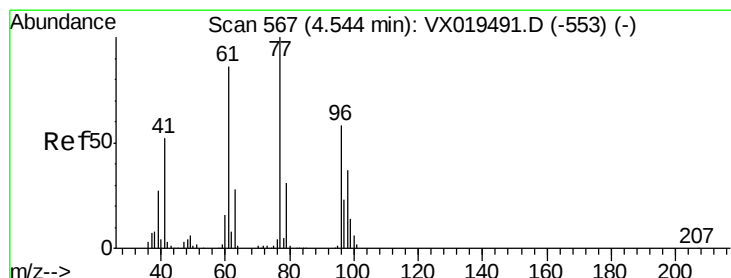
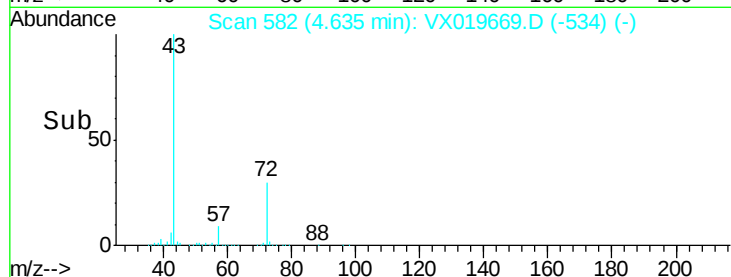
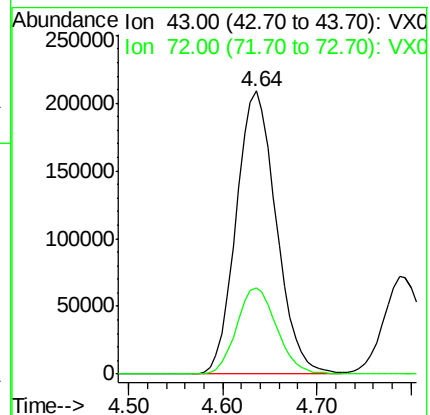
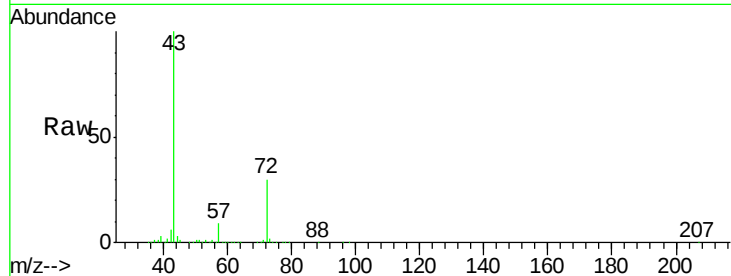
VSTDCCC050

Tot Ion: 43 Resp: 616154

Ion Ratio Lower Upper

43 100

72 30.1 24.0 36.0



#26

2,2-Dichloropropane

Concen: 51.749 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019669.D

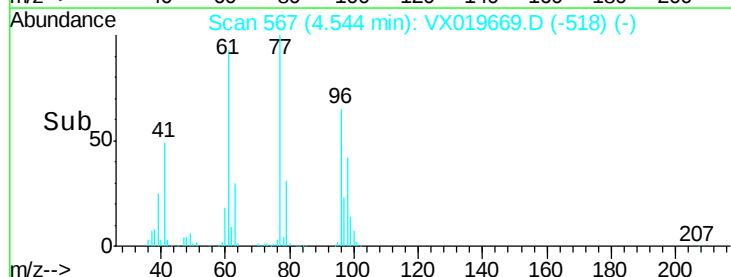
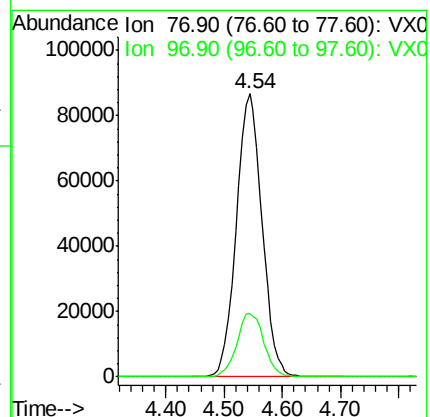
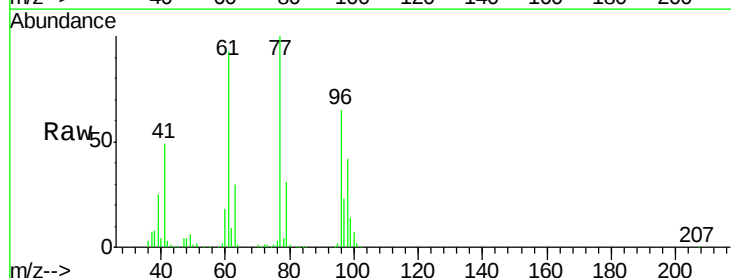
Acq: 30 Nov 2020 09:55

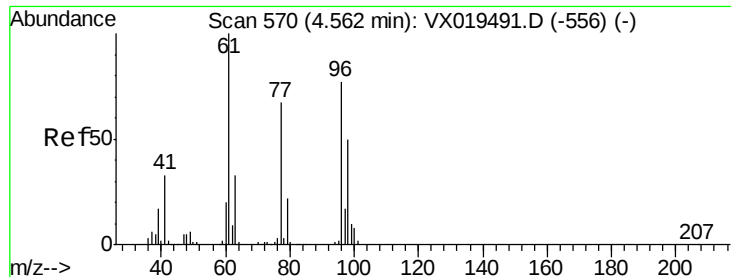
Tgt Ion: 77 Resp: 265618

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.896 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

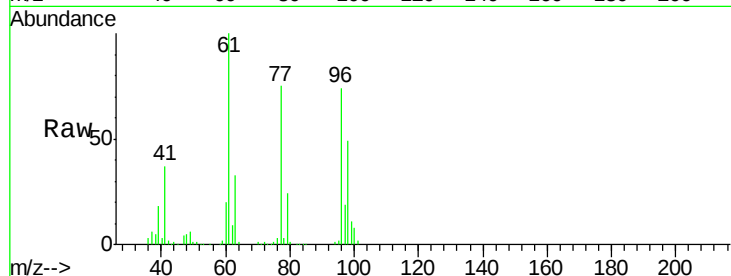
Tot Ion: 96 Resp: 192644

Ion Ratio Lower Upper

96 100

61 140.9 0.0 279.2

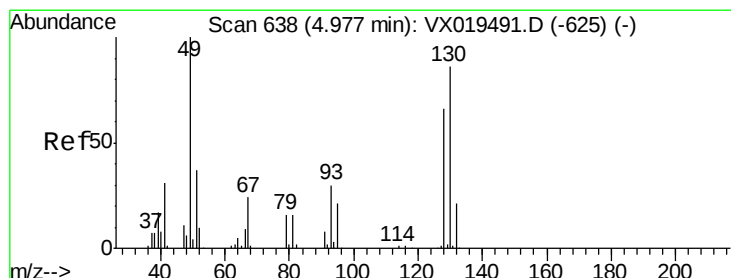
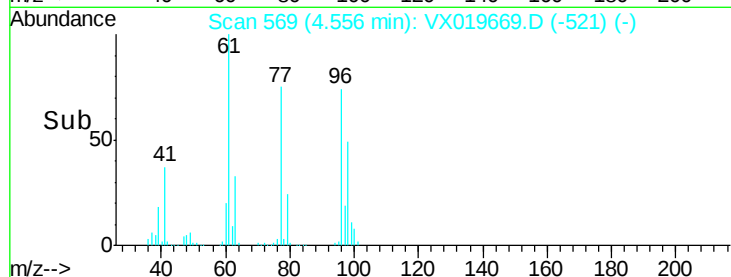
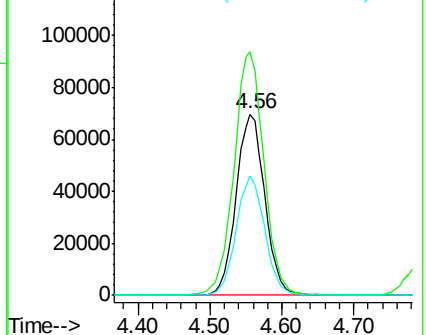
98 65.4 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 45.076 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

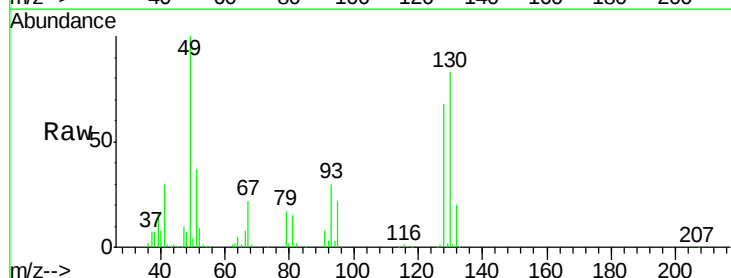
Tgt Ion: 49 Resp: 126729

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

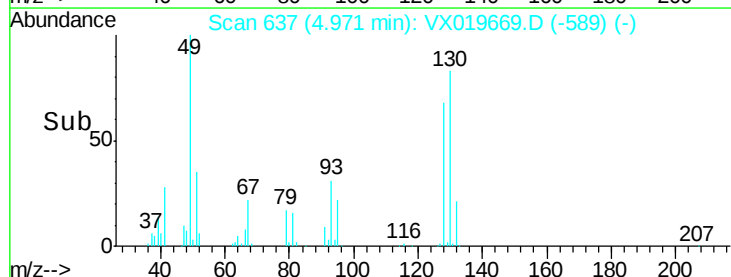
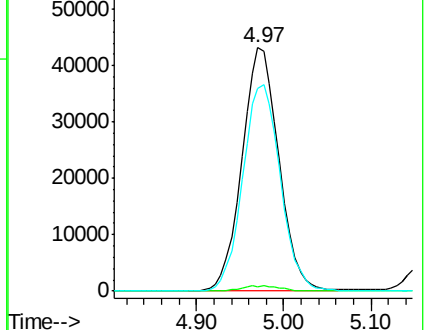
130 86.6 69.0 103.6

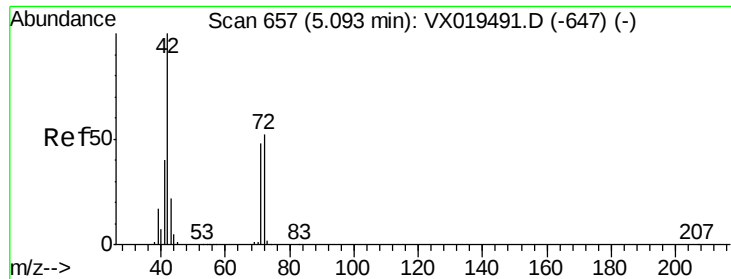


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

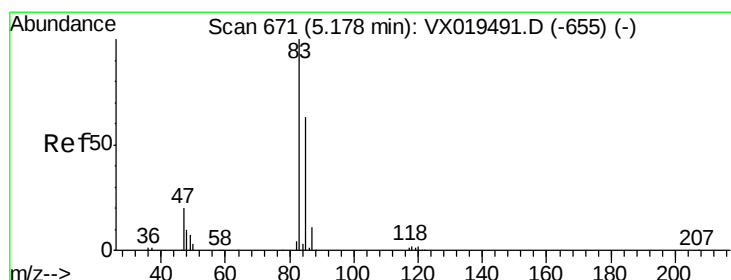
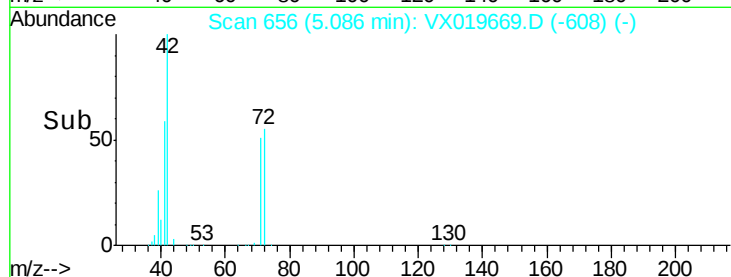
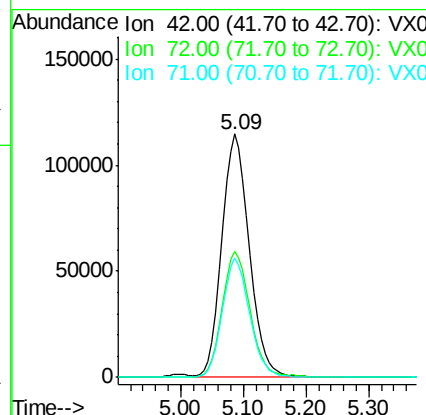
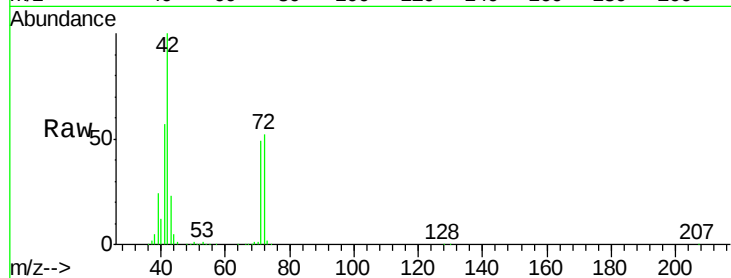




#29
Tetrahydrofuran
Concen: 241.625 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

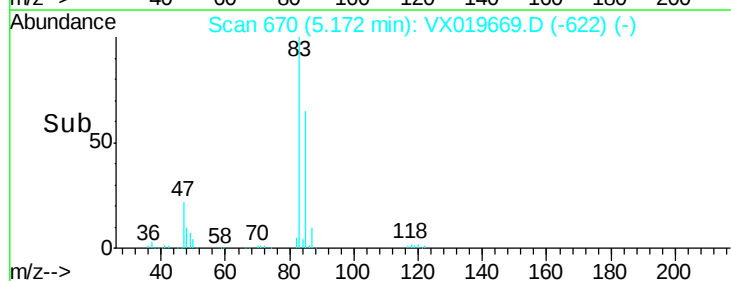
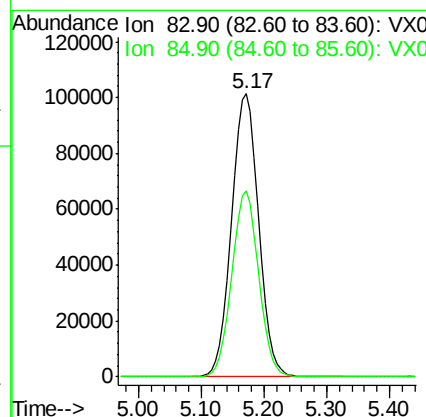
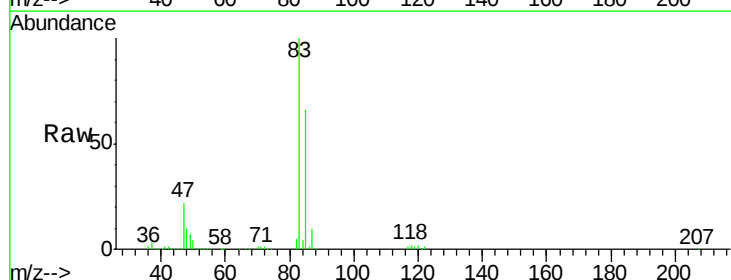
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

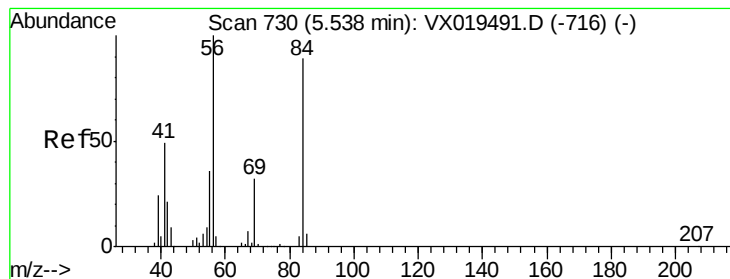
Tot Ion: 42 Resp: 346988
Ion Ratio Lower Upper
42 100
72 52.8 42.6 63.8
71 48.6 39.0 58.6



#30
Chloroform
Concen: 49.407 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 83 Resp: 303801
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7





#31

Cyclohexane

Concen: 48.511 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

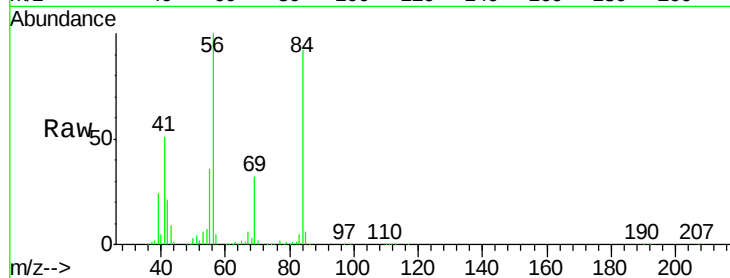
Tot Ion: 56 Resp: 244452

Ion Ratio Lower Upper

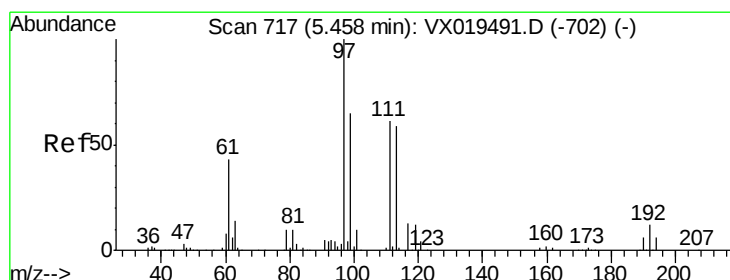
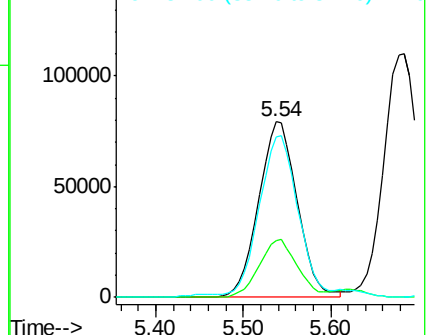
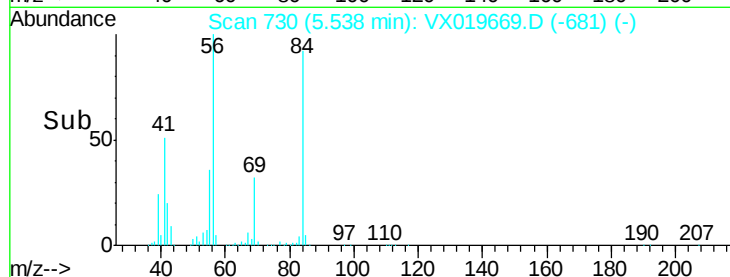
56 100

69 32.3 25.5 38.3

84 90.5 71.1 106.7



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: 50.745 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

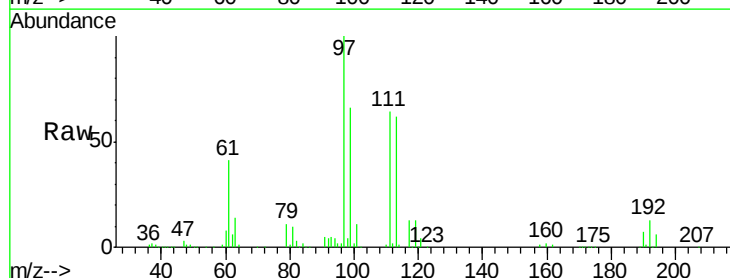
Tgt Ion: 97 Resp: 268028

Ion Ratio Lower Upper

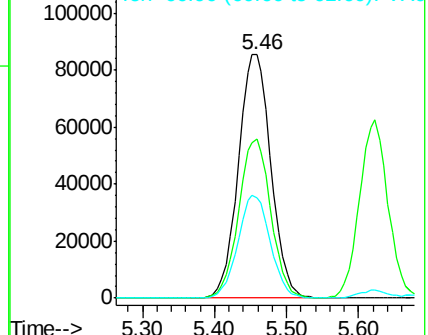
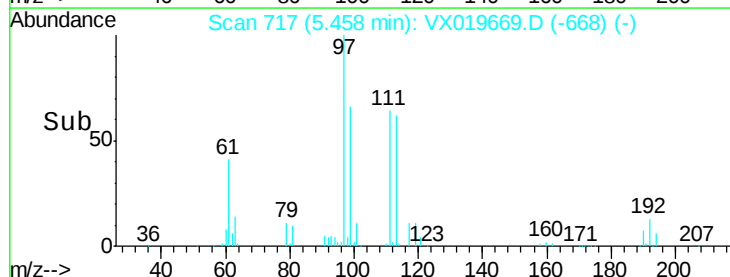
97 100

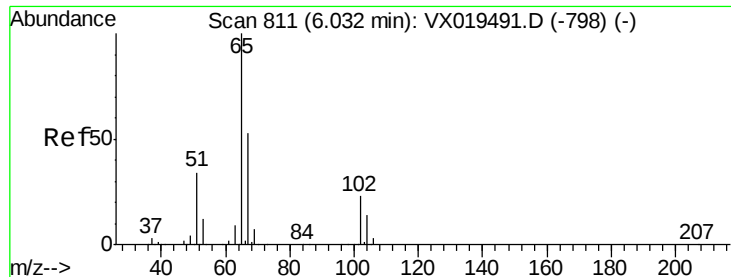
99 64.5 51.4 77.0

61 42.1 34.2 51.2



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: 47.139 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

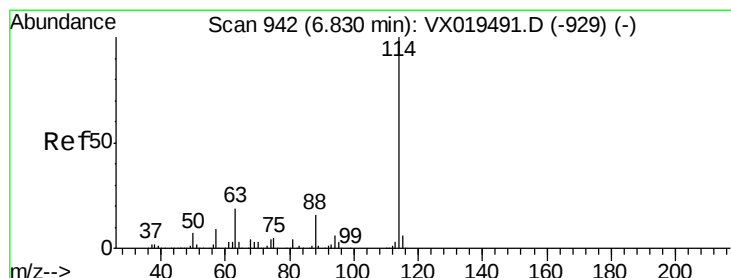
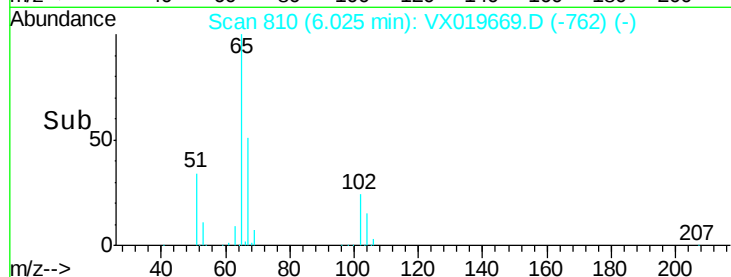
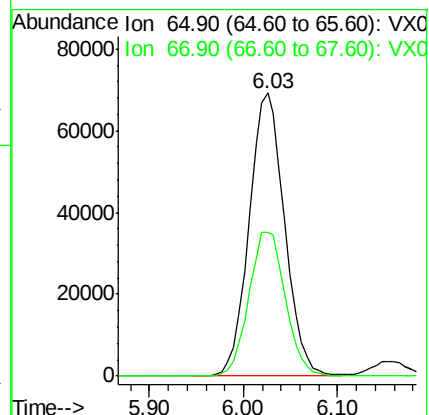
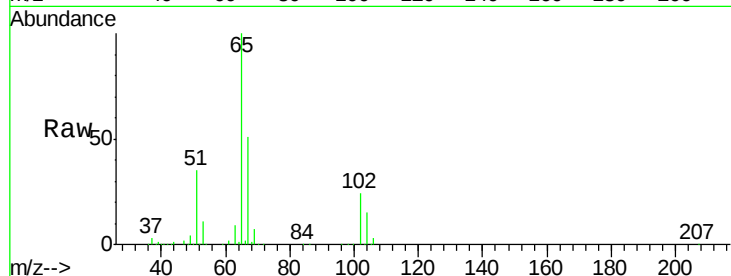
VSTDCCC050

Tot Ion: 65 Resp: 182632

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

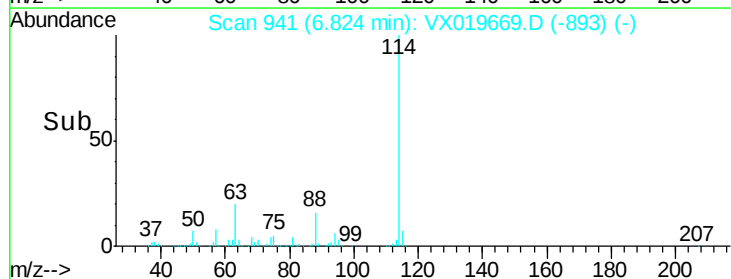
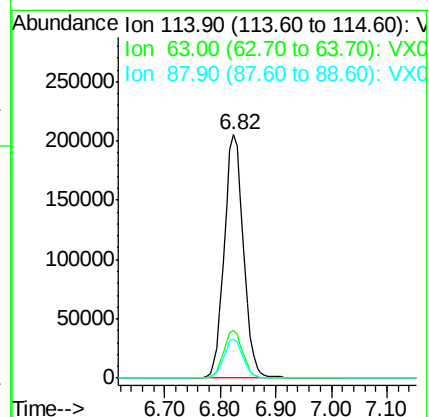
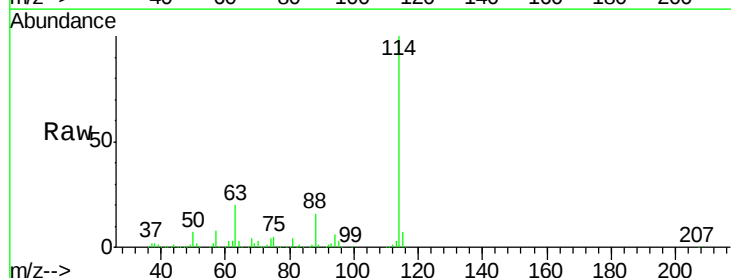
Tgt Ion: 114 Resp: 490444

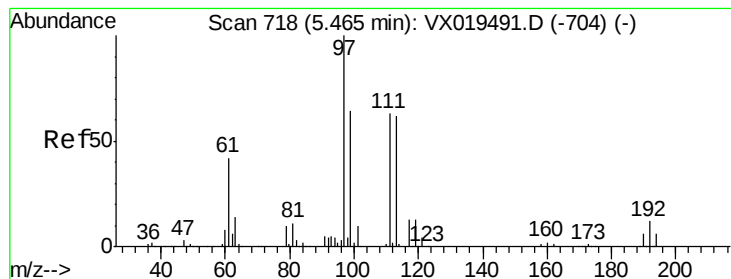
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.353 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

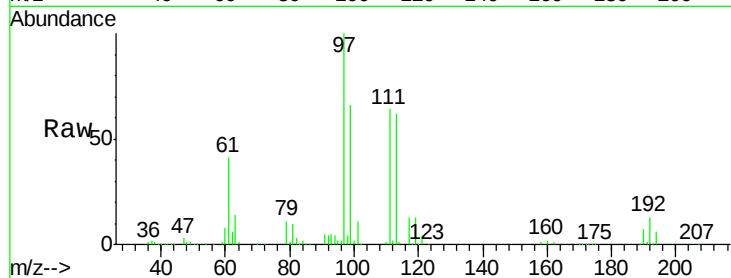
Tot Ion:113 Resp: 151935

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

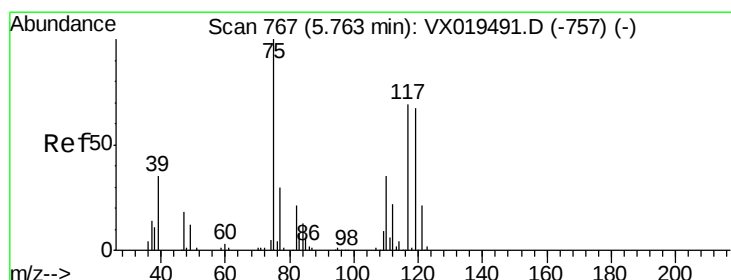
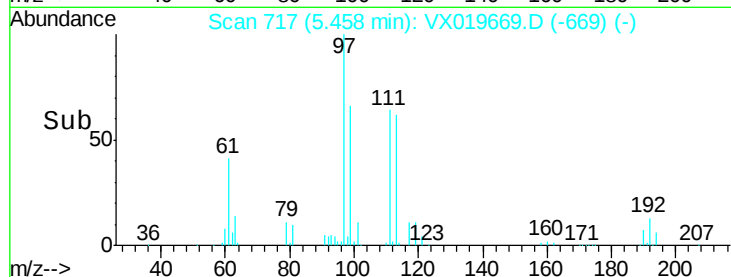
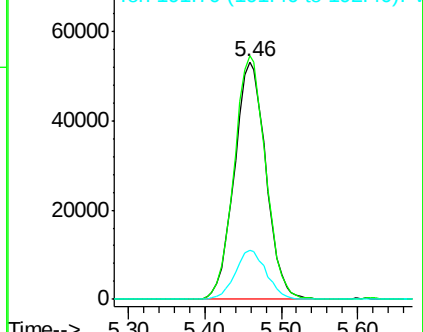
192 20.6 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.448 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

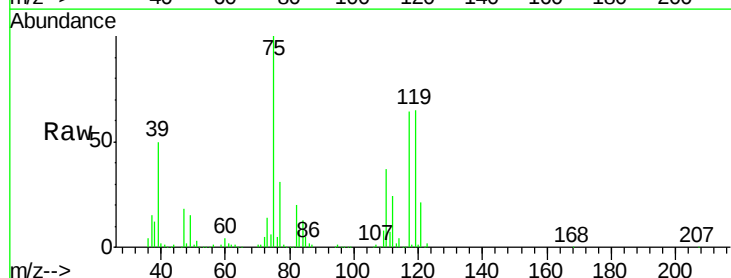
Tgt Ion: 75 Resp: 222759

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.3

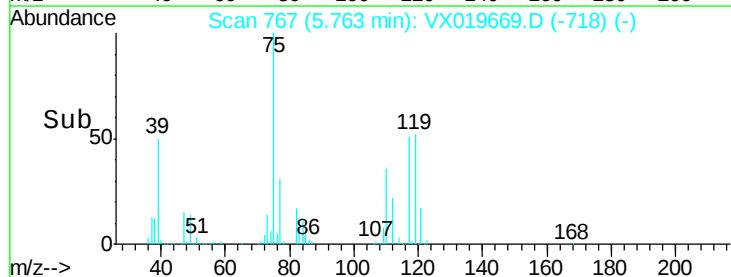
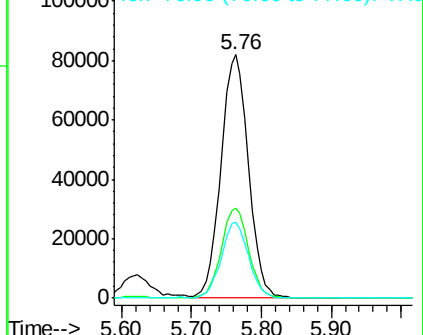
77 30.9 24.2 36.4

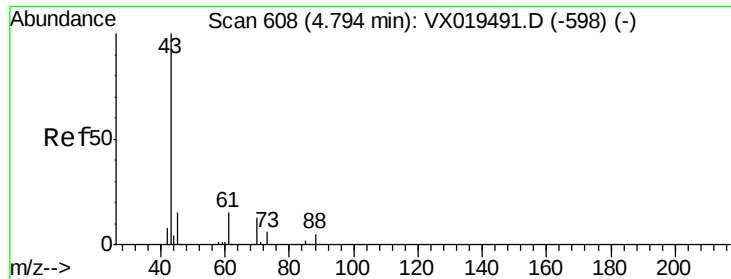


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

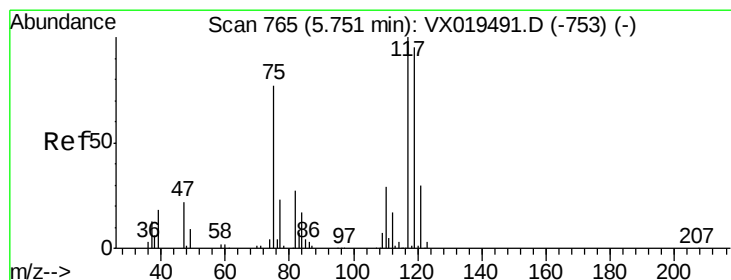
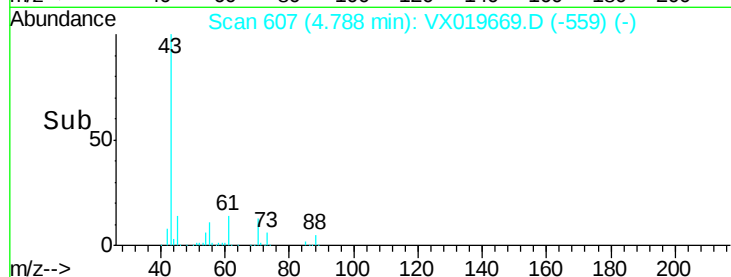
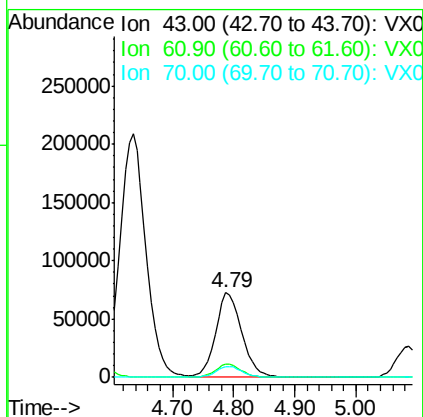
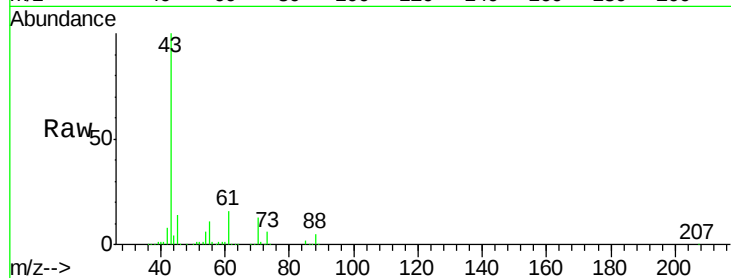




#37
Ethyl Acetate
Concen: 50.005 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

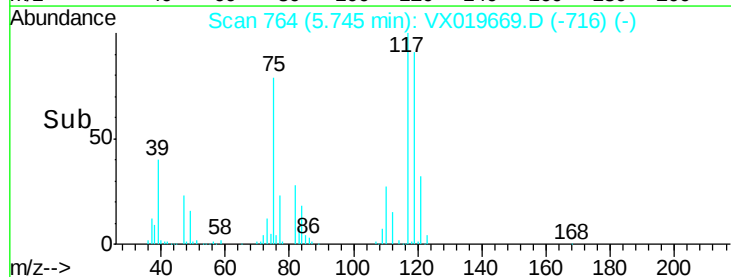
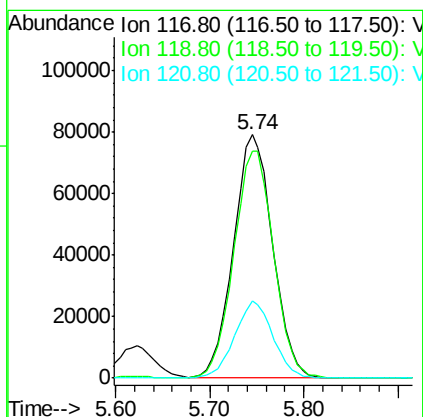
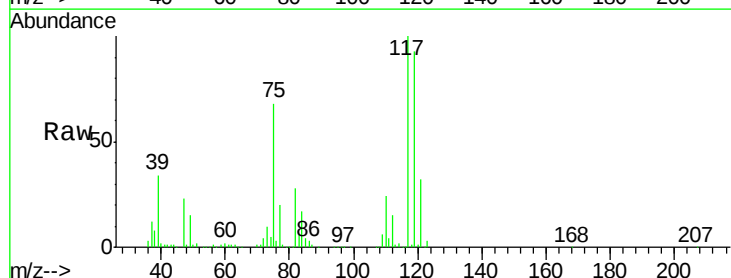
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

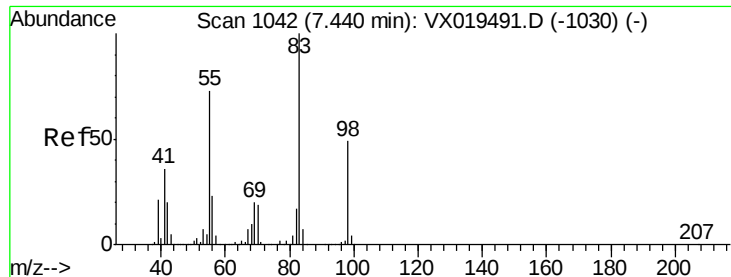
Tot Ion: 43 Resp: 215845
Ion Ratio Lower Upper
43 100
61 15.4 12.7 19.1
70 13.2 10.2 15.2



#38
Carbon Tetrachloride
Concen: 51.623 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 117 Resp: 229747
Ion Ratio Lower Upper
117 100
119 92.9 75.9 113.9
121 31.7 24.0 36.0

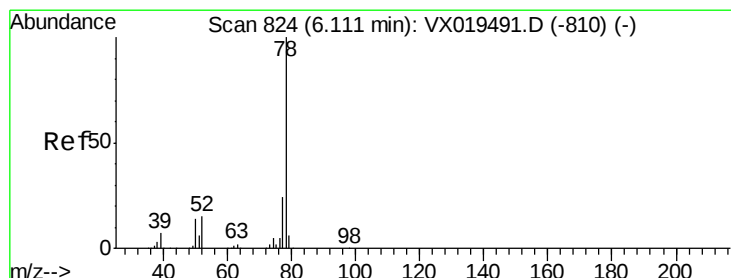
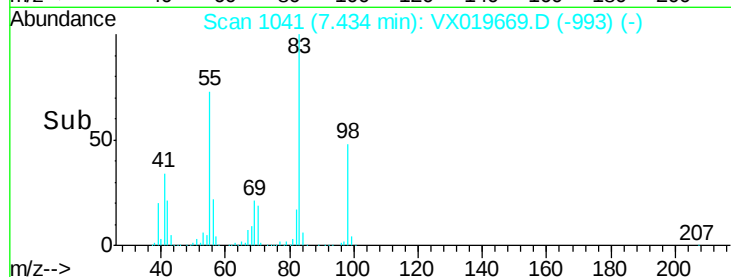
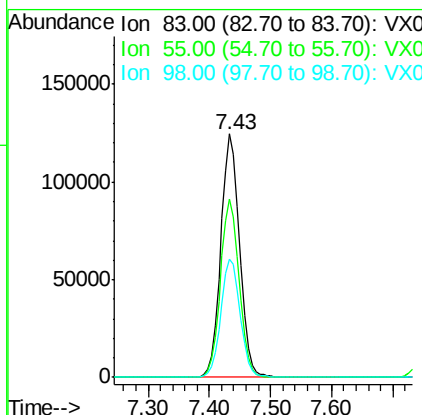
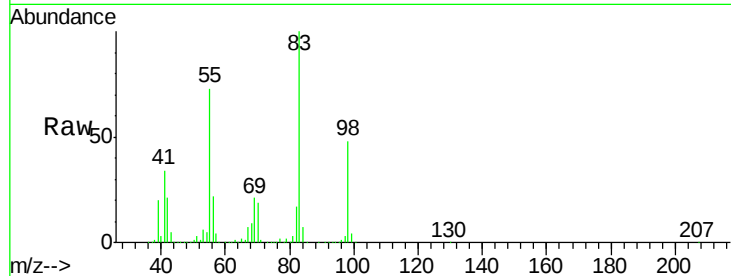




#39
Methvlcvclohexane
Concen: 49.663 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

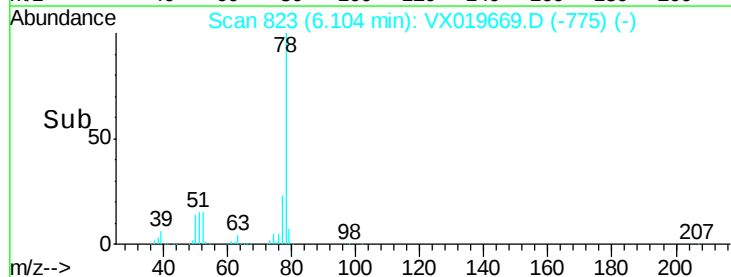
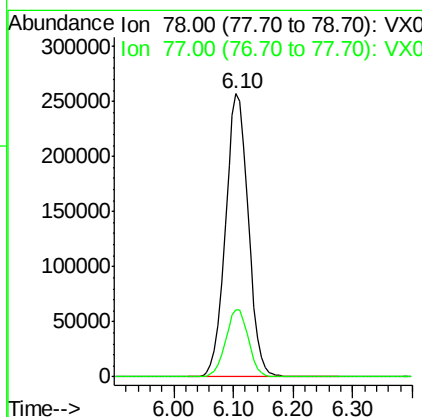
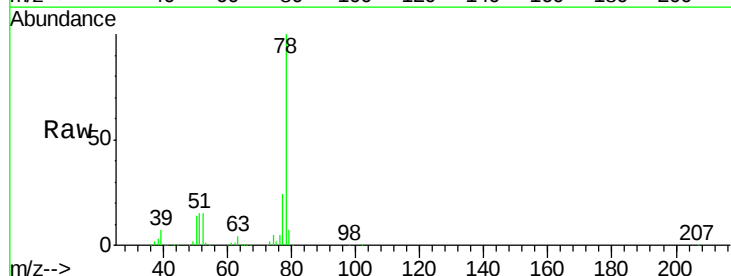
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

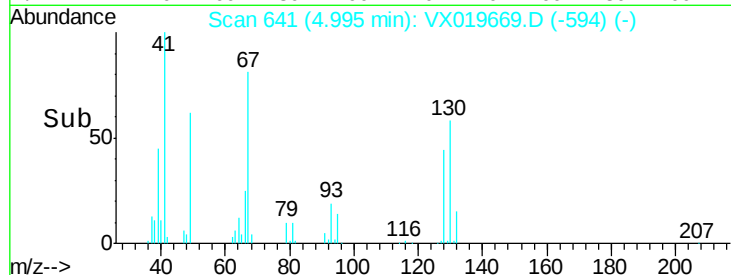
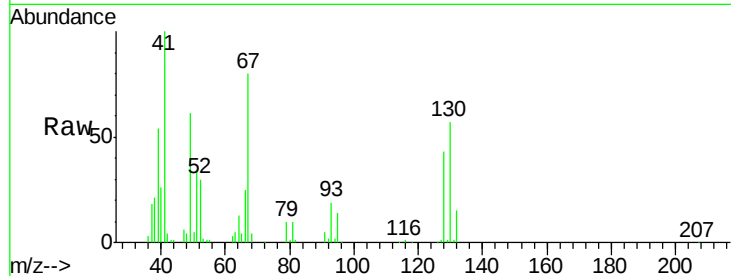
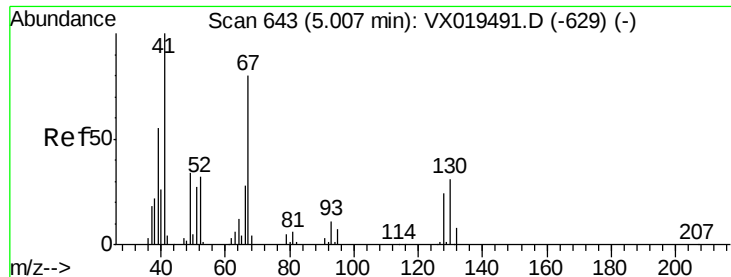
Tot Ion: 83 Resp: 265874
Ion Ratio Lower Upper
83 100
55 73.2 58.3 87.5
98 48.3 38.9 58.3



#40
Benzene
Concen: 48.269 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 78 Resp: 681902
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

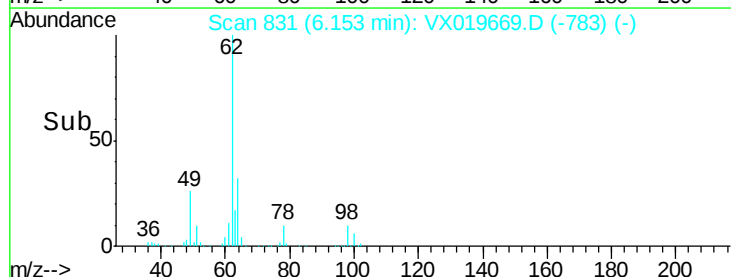
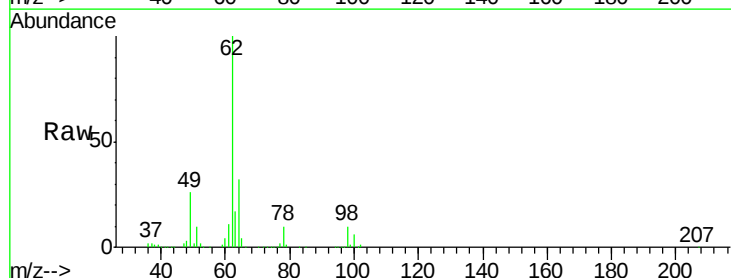
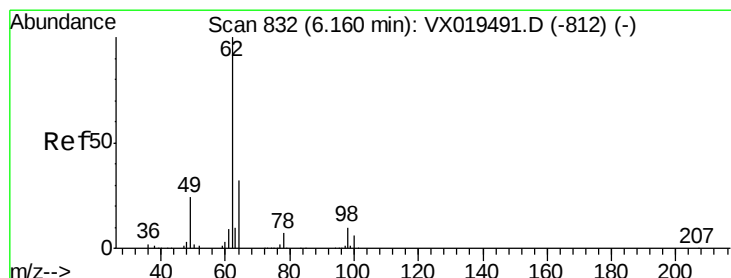
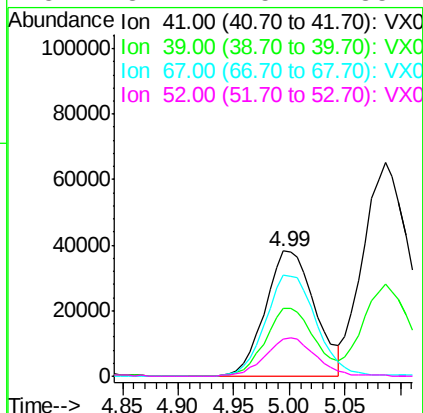




#41
Methacrylonitrile
Concen: 49.716 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

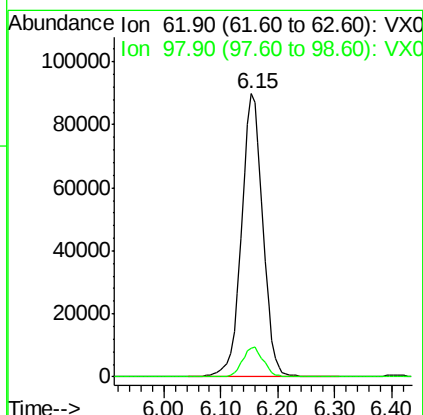
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

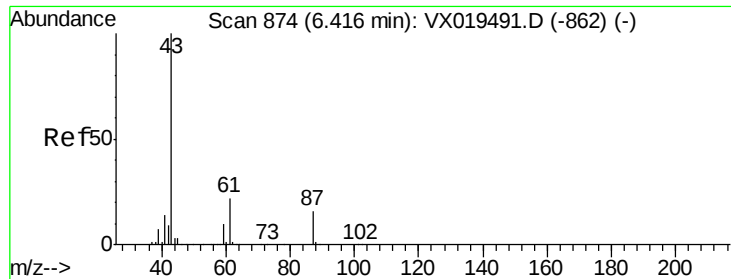
Tot Ion:	41	Resp:	118341
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.3	64.9
67	83.1	66.0	99.0
52	31.7	25.4	38.2



#42
1,2-Dichloroethane
Concen: 48.602 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion:	62	Resp:	235340
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



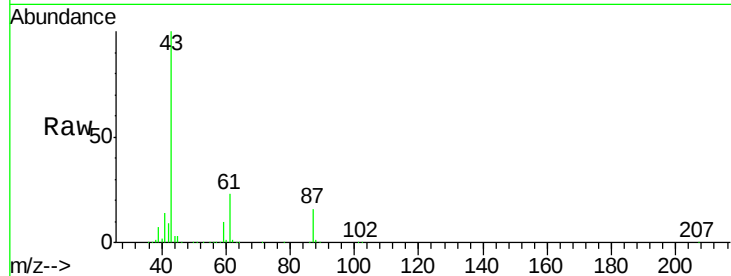


#43

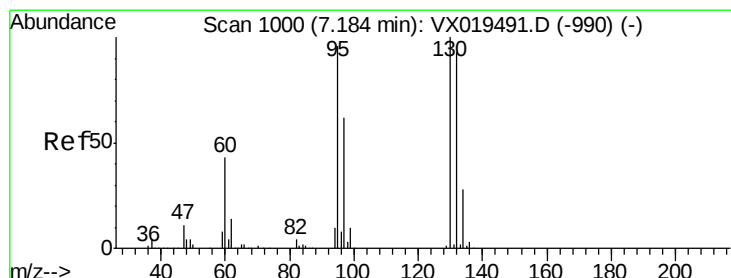
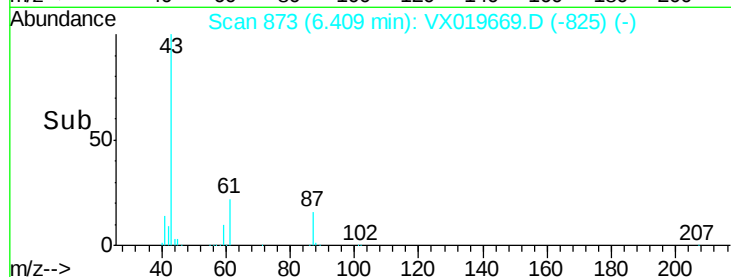
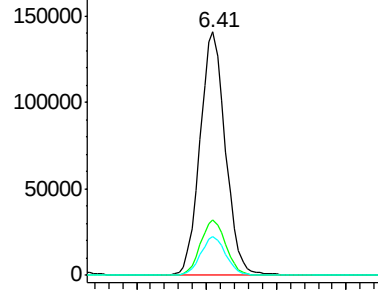
Isopropyl Acetate
 Concen: 48.788 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	354005
Ion Ratio	Lower	Upper	
43	100		
61	22.9	18.2	27.2
87	15.8	12.6	18.8



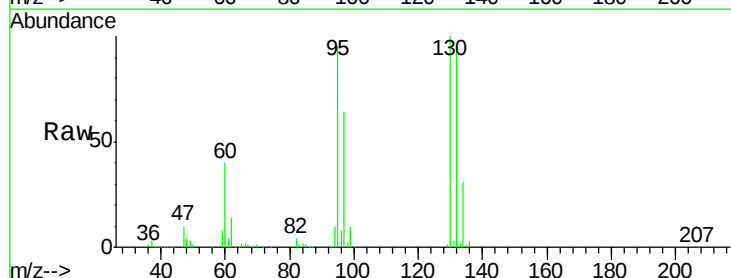
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



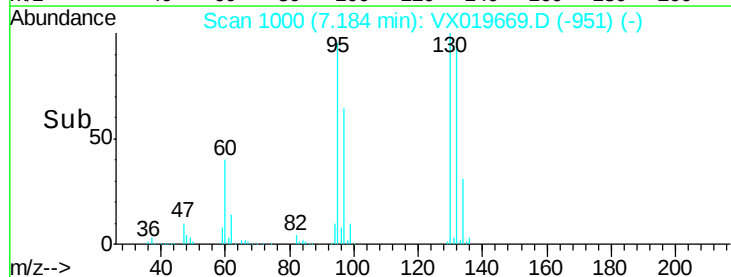
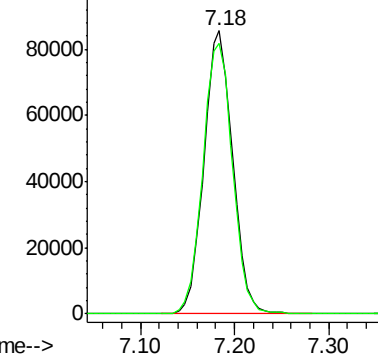
#44

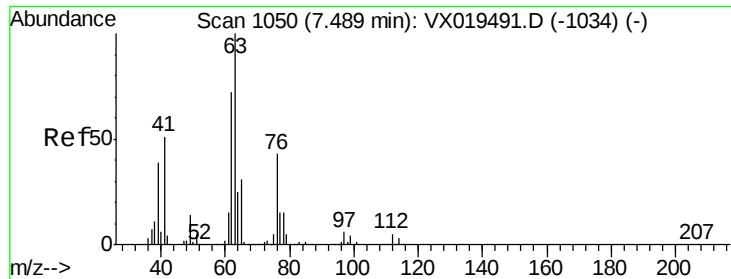
Trichloroethene
 Concen: 48.982 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion	130	Resp	181254
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
130	100		
95	95.5	0.0	191.2



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





#45

1,2-Dichloropropane

Concen: 49.164 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

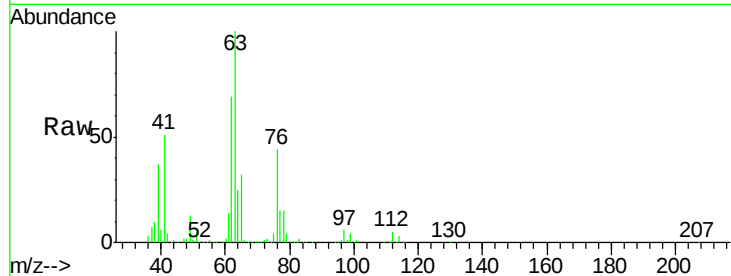
VSTDCCC050

Tot Ion: 63 Resp: 170985

Ion Ratio Lower Upper

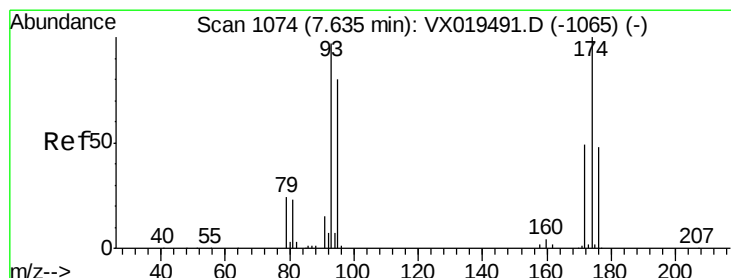
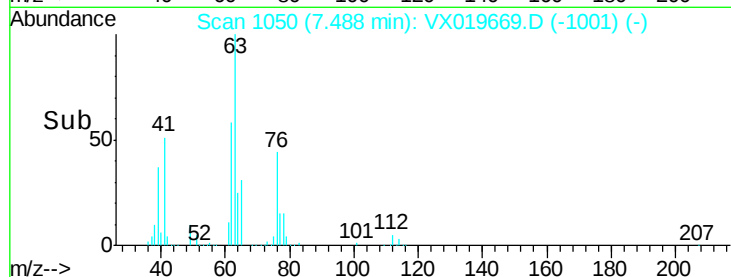
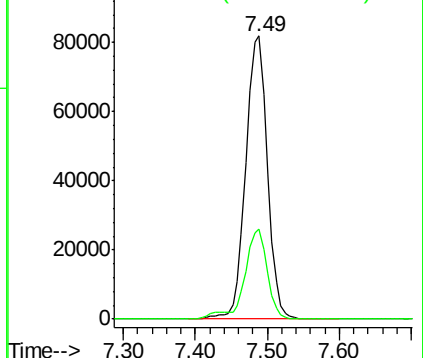
63 100

65 31.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.830 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

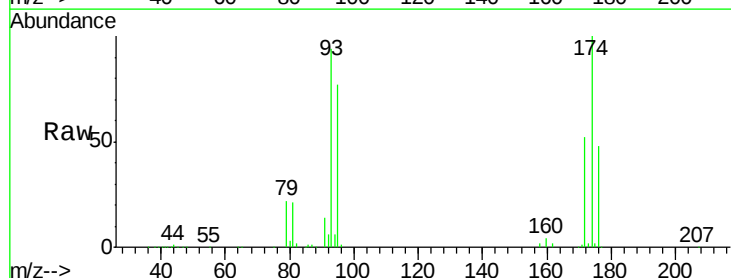
Tgt Ion: 93 Resp: 116230

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

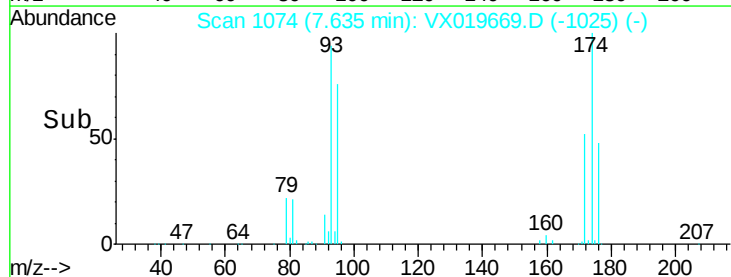
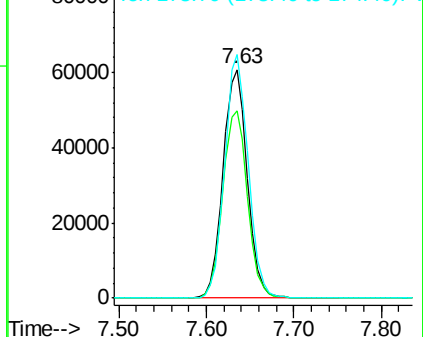
174 104.2 83.0 124.4

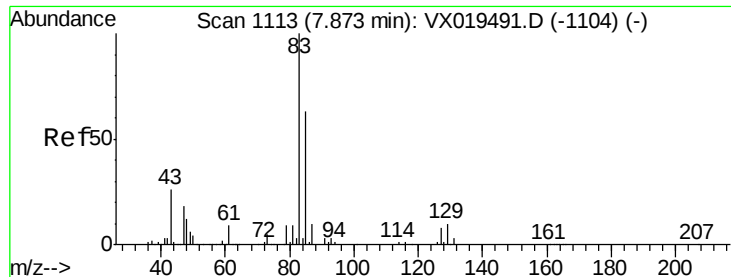


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.042 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

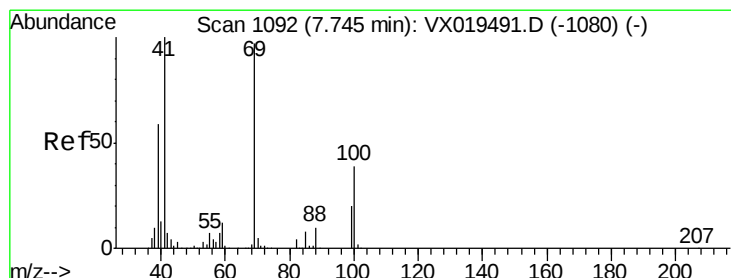
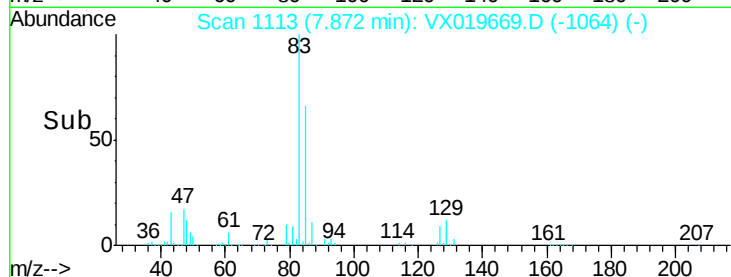
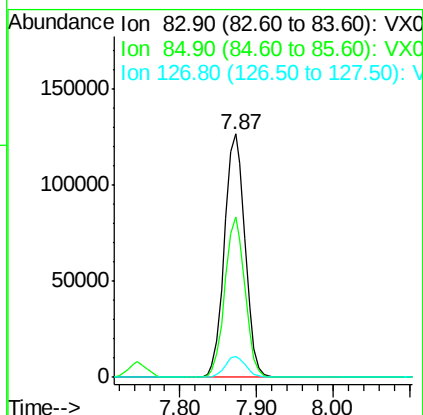
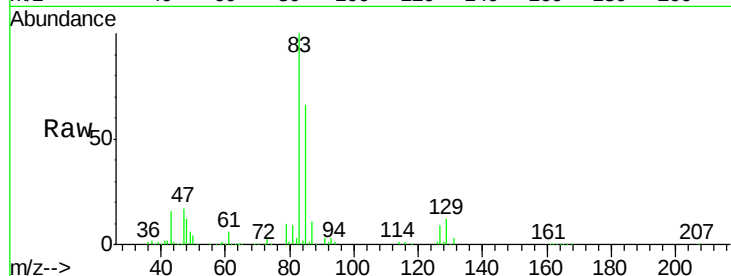
Tot Ion: 83 Resp: 235760

Ion Ratio Lower Upper

83 100

85 65.7 50.2 75.2

127 8.6 6.4 9.6



#48

Methyl methacrylate

Concen: 50.669 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

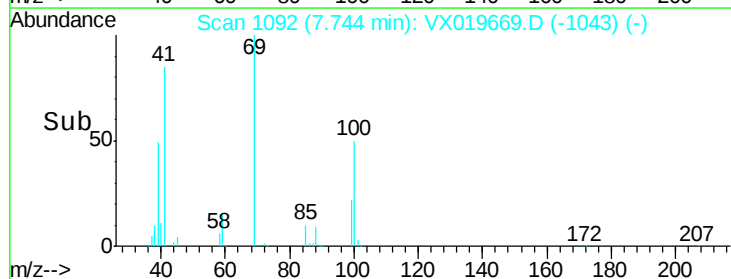
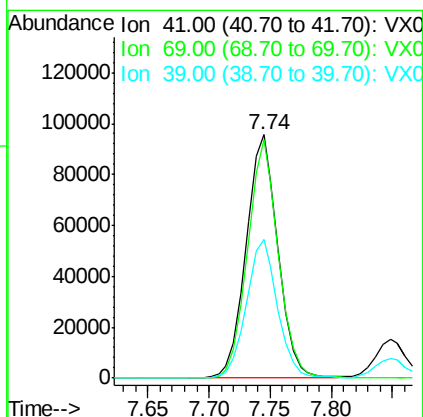
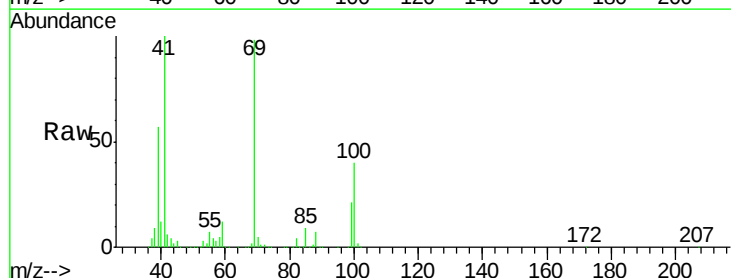
Tgt Ion: 41 Resp: 172182

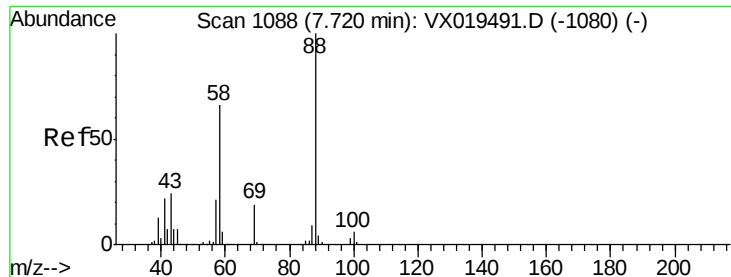
Ion Ratio Lower Upper

41 100

69 95.2 77.0 115.6

39 55.8 45.6 68.4

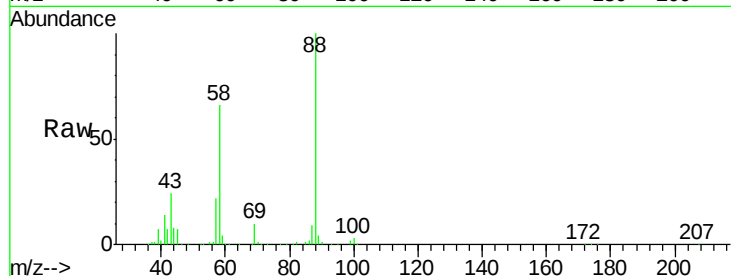




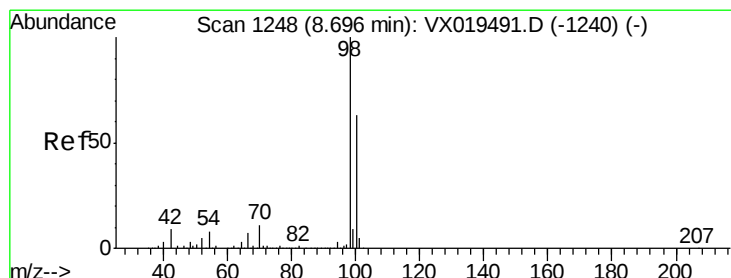
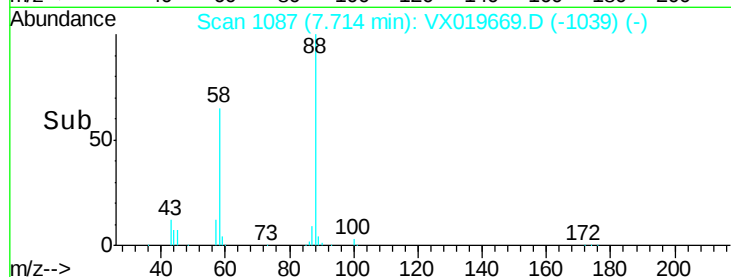
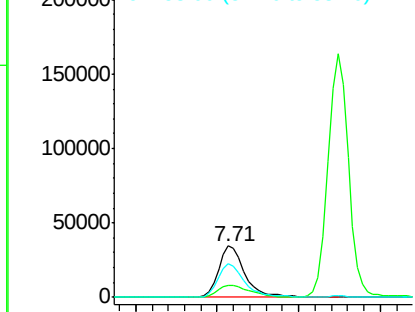
#49
1,4-Dioxane
Concen: 1000.568 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 77201
Ion Ratio Lower Upper
88 100
43 28.3 23.8 35.6
58 66.8 54.2 81.2

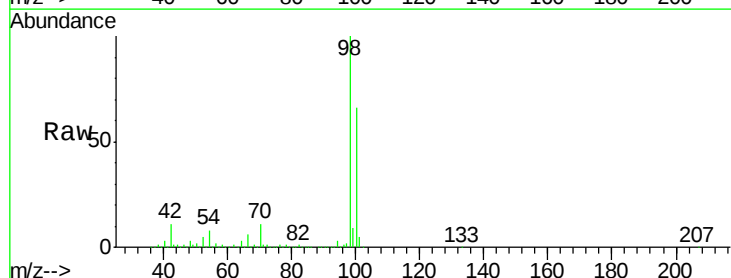


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

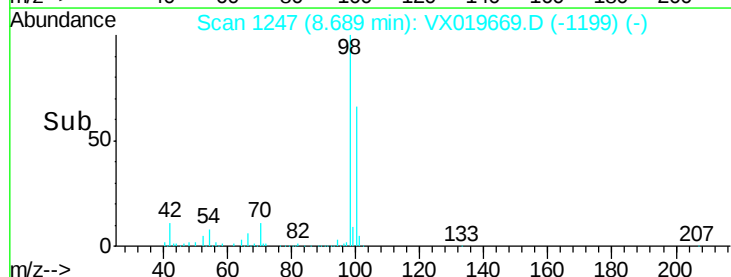
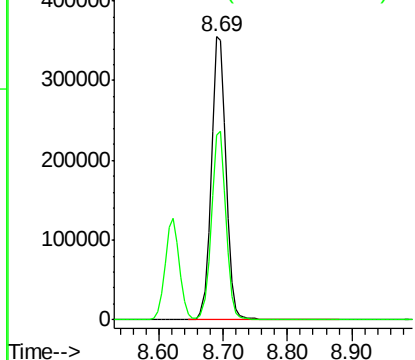


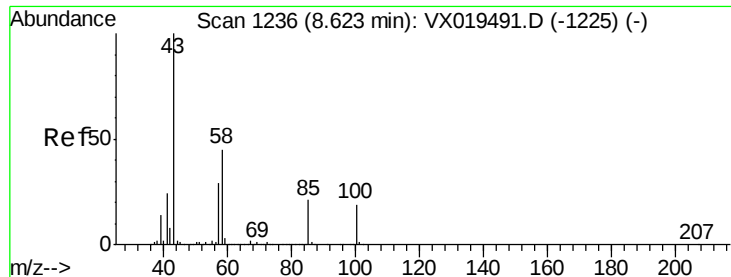
#50
Toluene-d8
Concen: 47.527 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 98 Resp: 568558
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



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

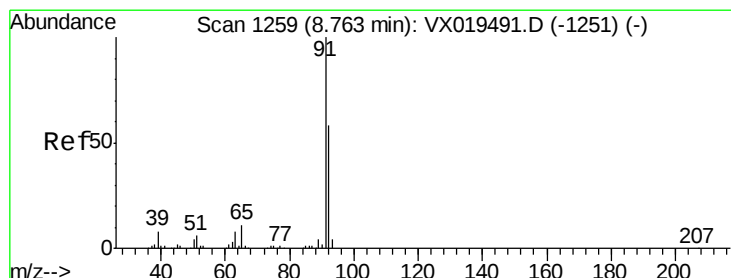
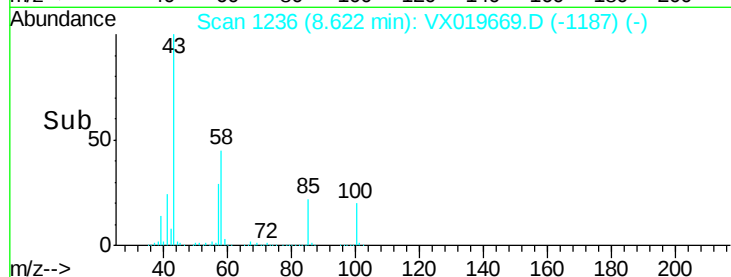
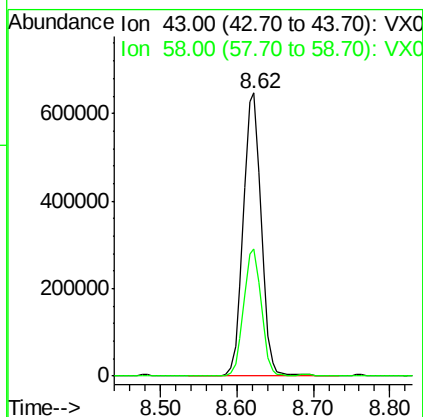
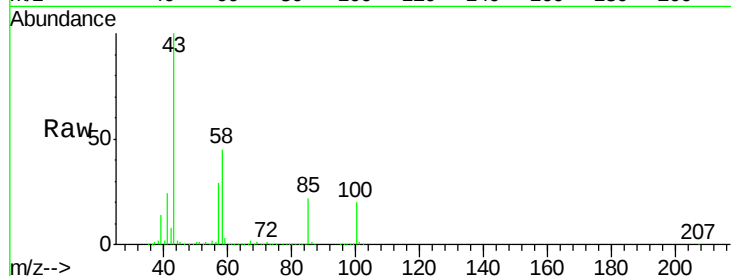




#51
4-Methyl-2-Pentanone
Concen: 247.699 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

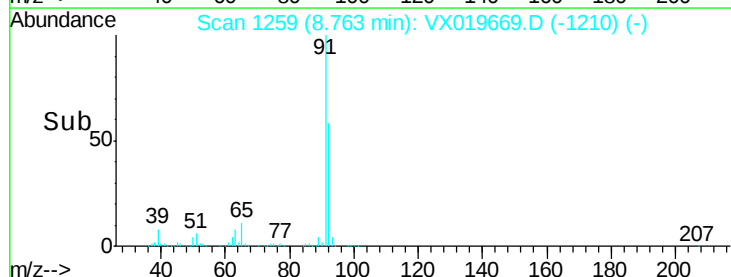
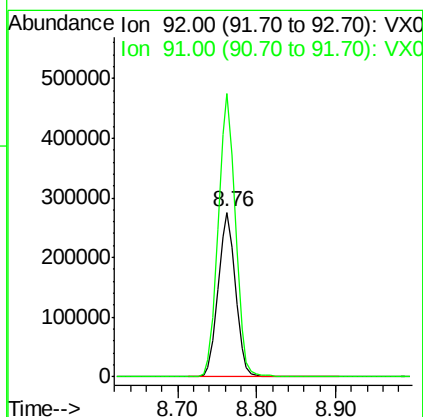
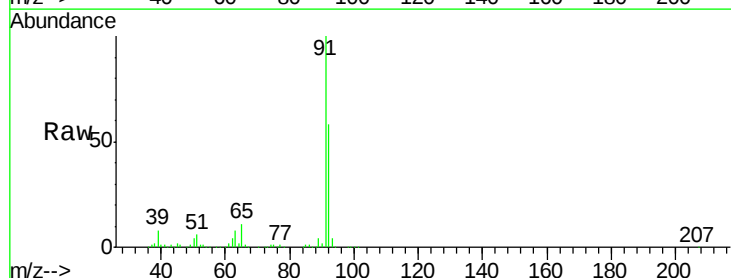
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

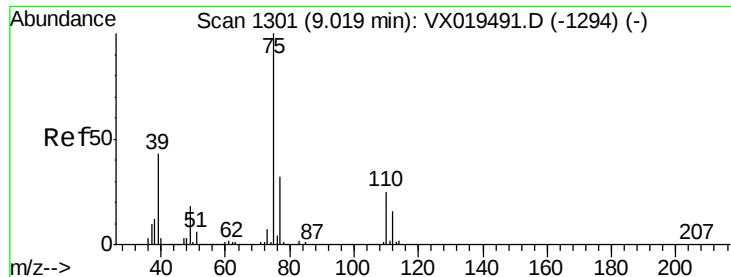
Tot Ion: 43 Resp: 1048067
Ion Ratio Lower Upper
43 100
58 44.4 35.1 52.7



#52
Toluene
Concen: 48.981 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 92 Resp: 423311
Ion Ratio Lower Upper
92 100
91 170.9 138.1 207.1

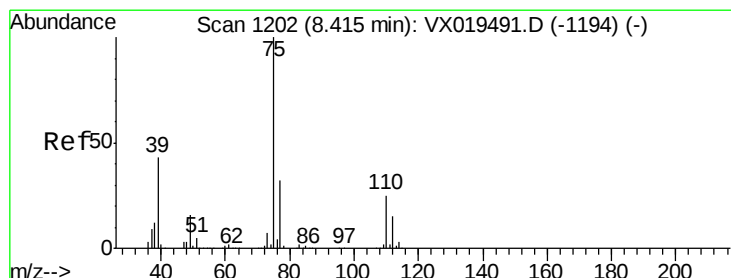
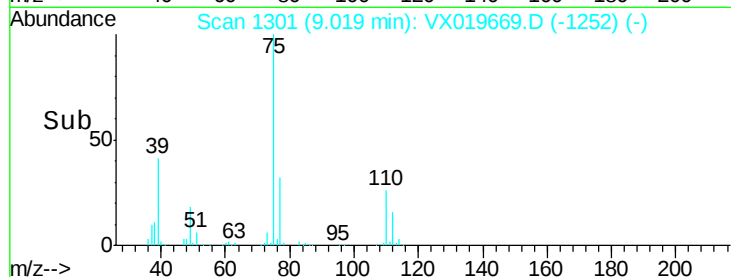
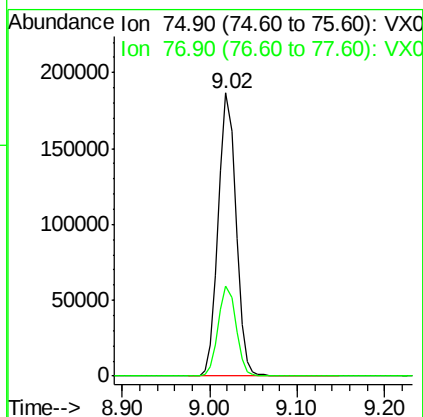
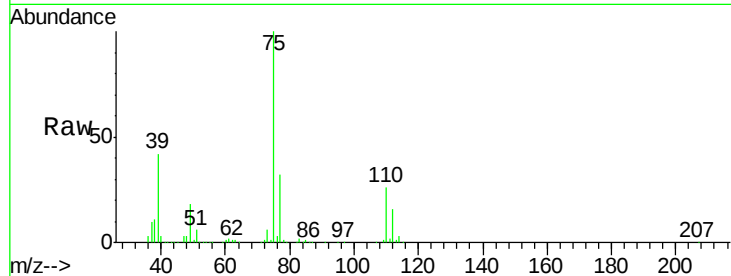




#53
 t-1,3-Dichloropropene
 Concen: 52.614 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

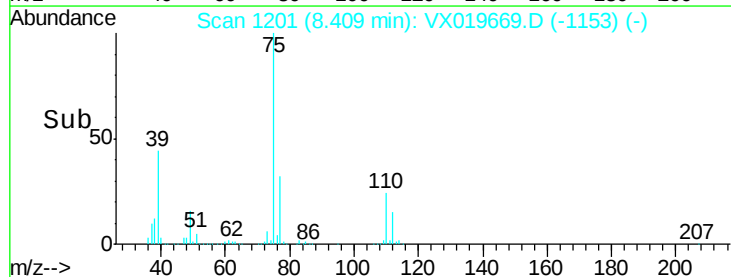
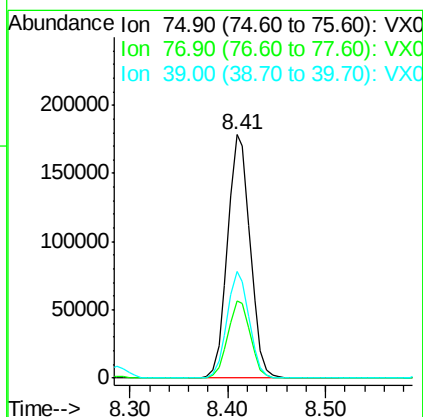
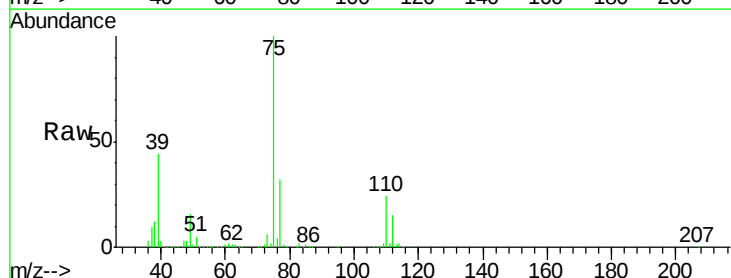
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

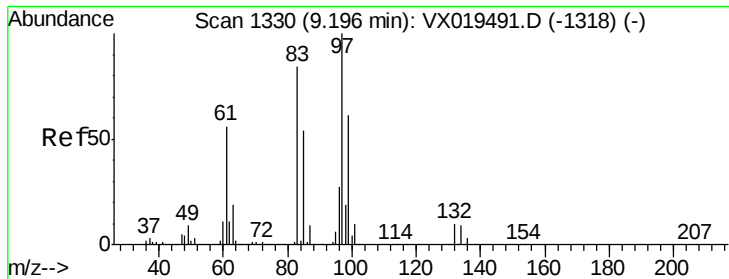
Tot Ion: 75 Resp: 262456
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.716 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion: 75 Resp: 286291
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6
 39 43.6 34.6 51.8

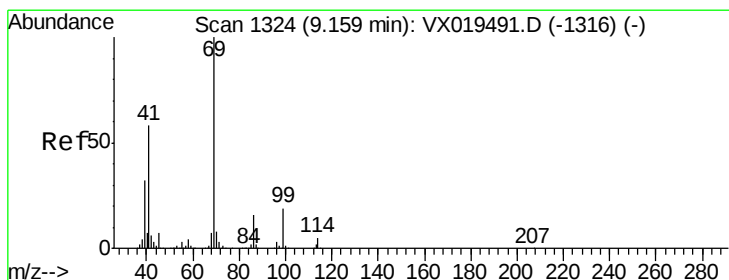
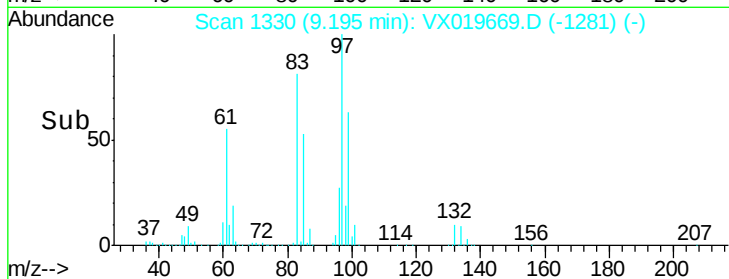
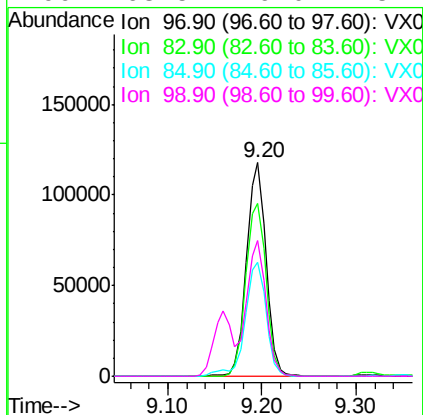
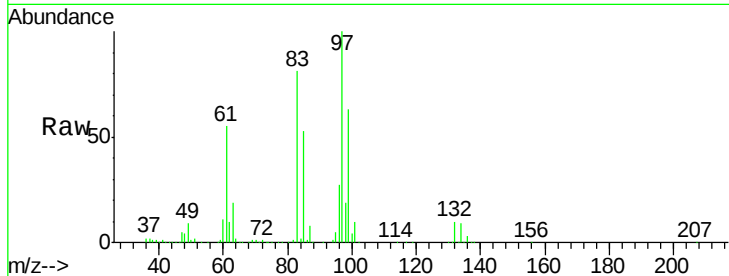




#55
 1,1,2-Trichloroethane
 Concen: 48.711 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

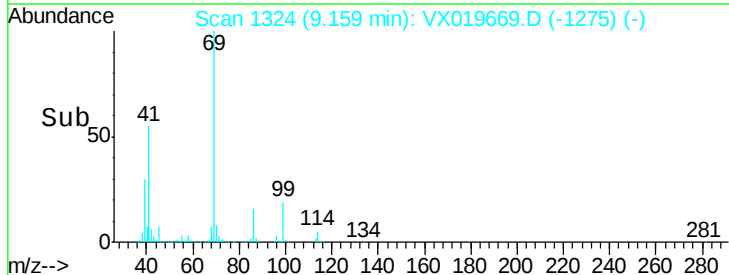
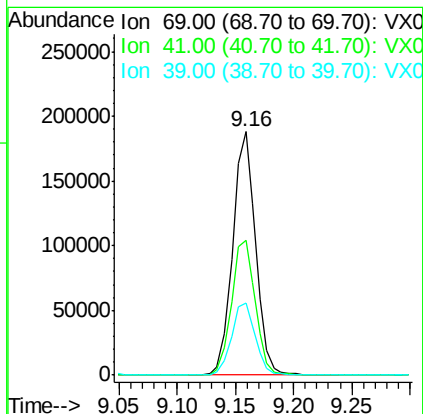
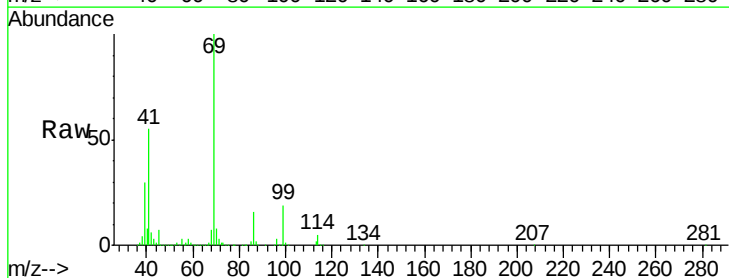
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

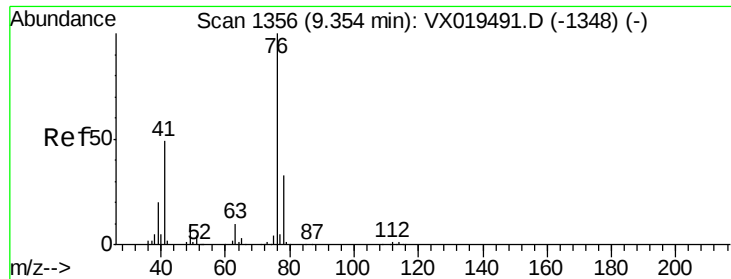
Tot Ion:	97	Resp:	171447
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.0	100.6
85	53.1	43.4	65.0
99	63.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.602 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion:	69	Resp:	256996
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.2	69.2
39	30.8	25.5	38.3

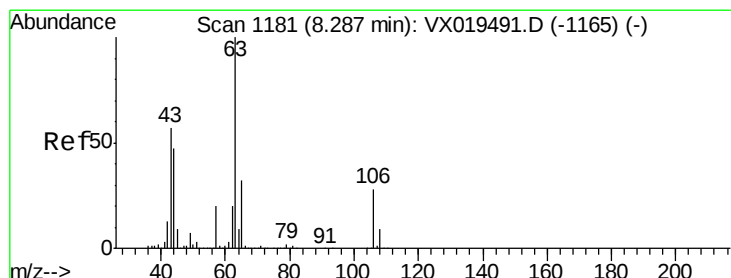
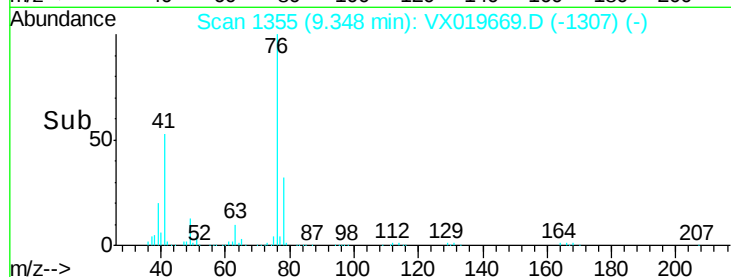
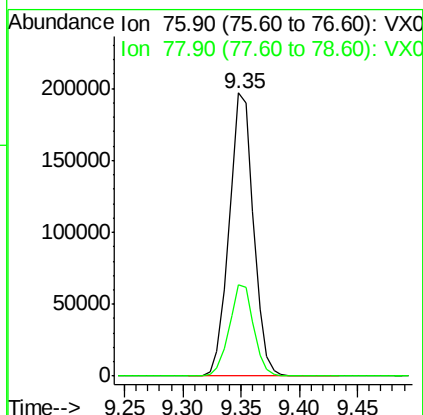
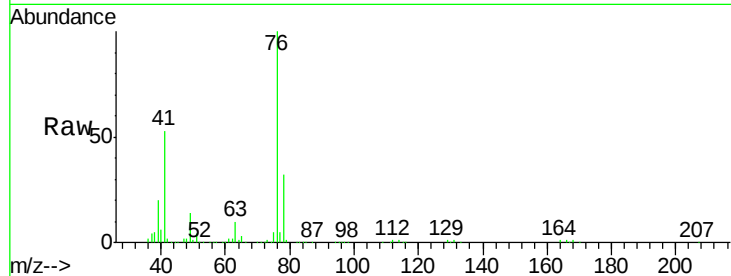




#57
 1,3-Dichloropropane
 Concen: 48.593 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

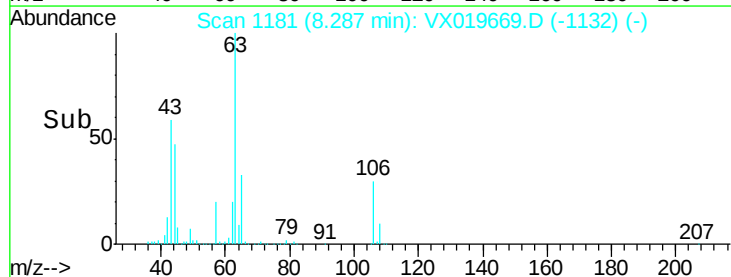
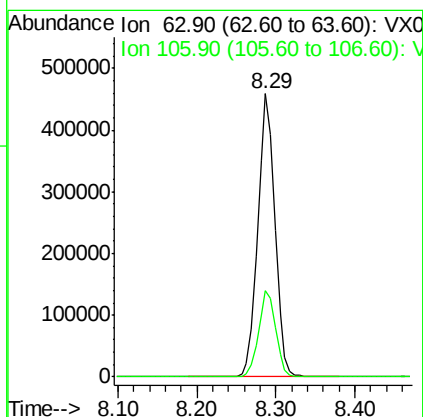
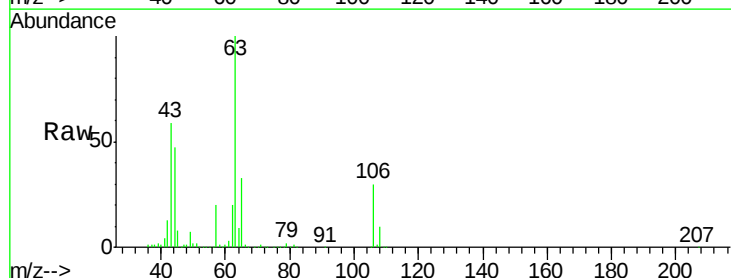
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

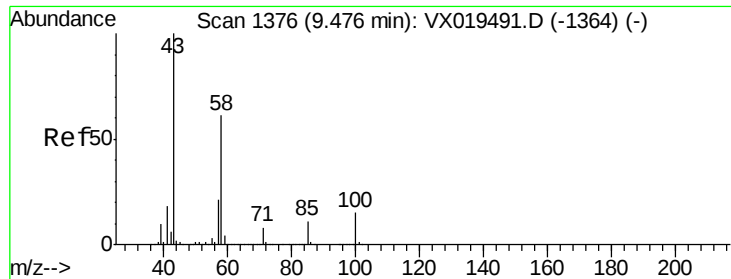
Tot Ion: 76 Resp: 286345
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.652 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion: 63 Resp: 693534
 Ion Ratio Lower Upper
 63 100
 106 30.5 23.7 35.5

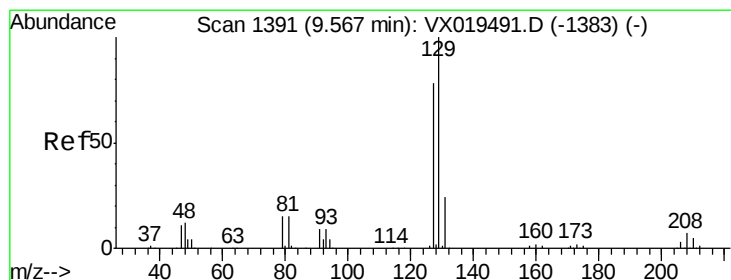
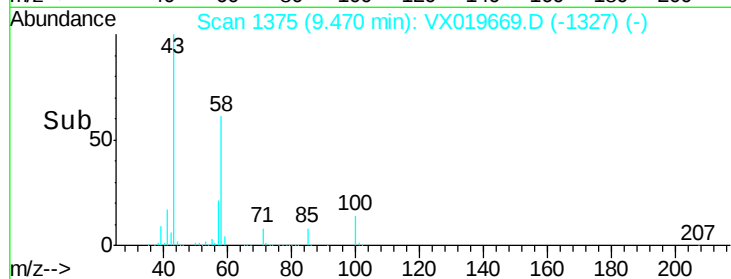
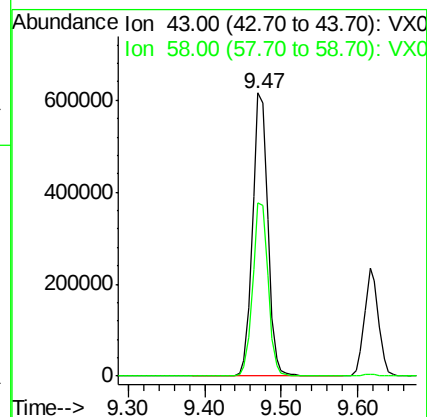
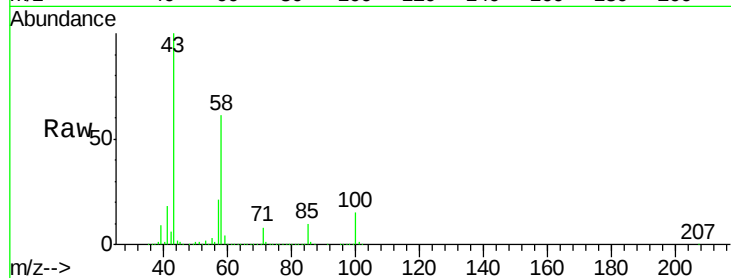




#59
2-Hexanone
Concen: 264.948 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

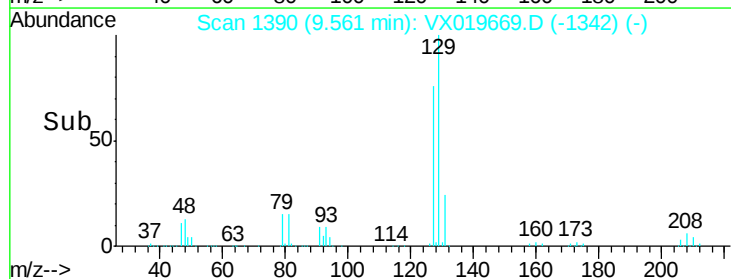
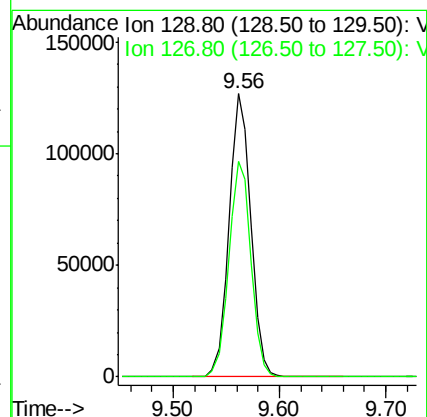
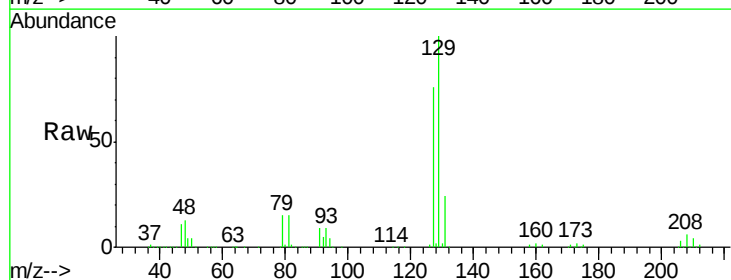
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

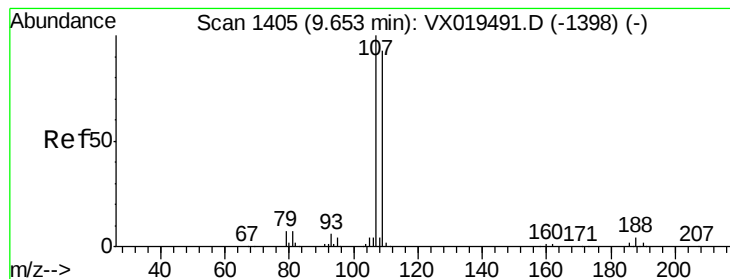
Tot Ion: 43 Resp: 850231
Ion Ratio Lower Upper
43 100
58 61.4 30.6 91.6



#60
Dibromochloromethane
Concen: 52.651 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion: 129 Resp: 181514
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9





#61

1,2-Dibromoethane

Concen: 49.021 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

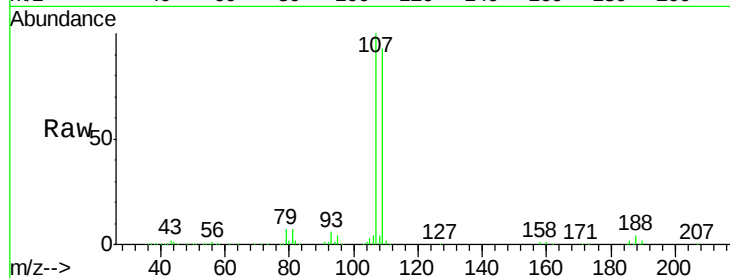
VSTDCCC050

Tot Ion:107 Resp: 177849

Ion Ratio Lower Upper

107 100

109 95.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

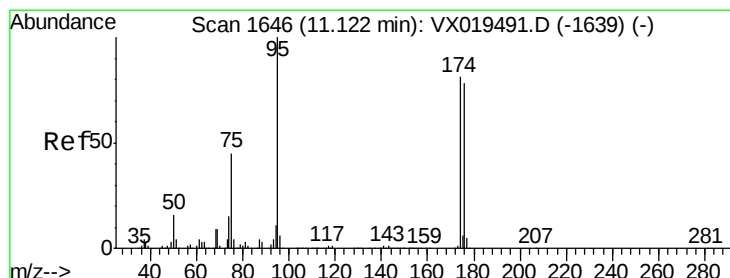
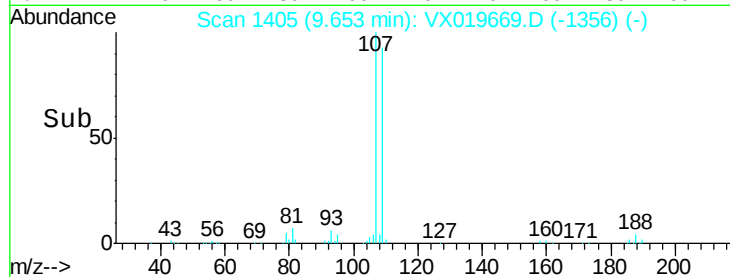
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.511 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

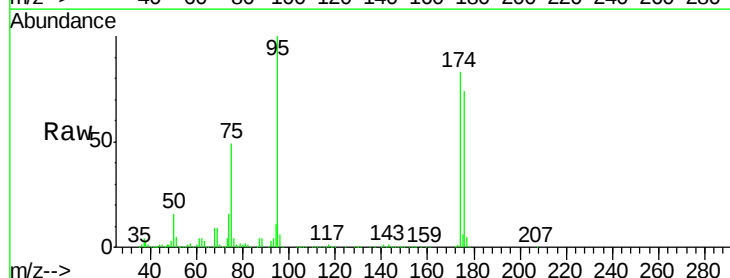
Tgt Ion: 95 Resp: 208793

Ion Ratio Lower Upper

95 100

174 78.7 0.0 156.2

176 71.8 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

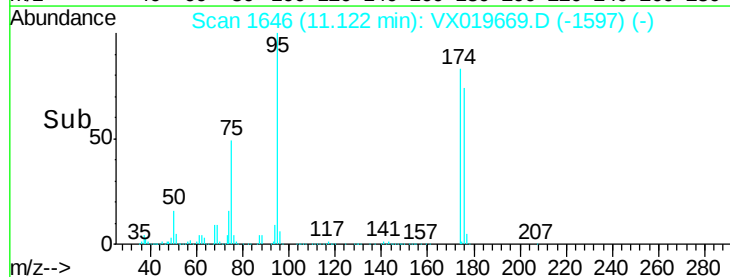
100000

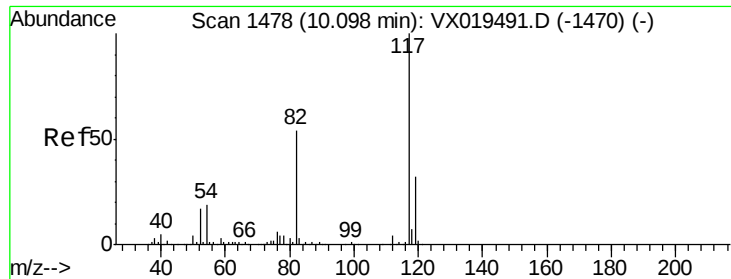
50000

0

Time-->

11.10 11.20

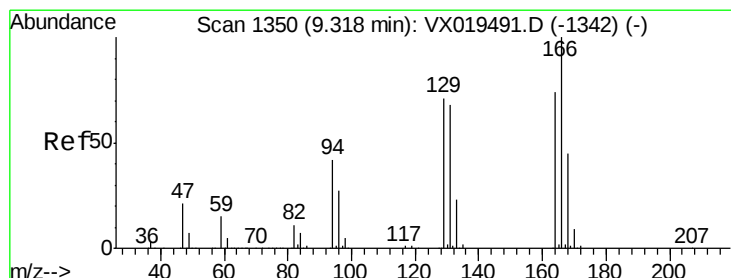
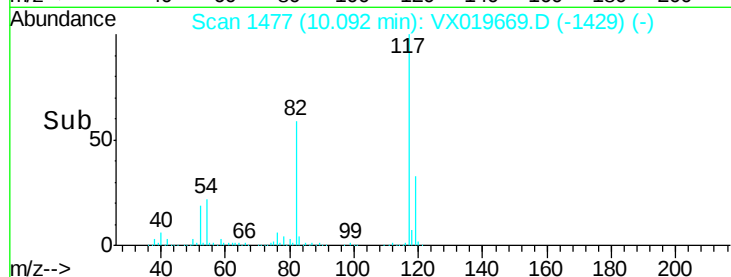
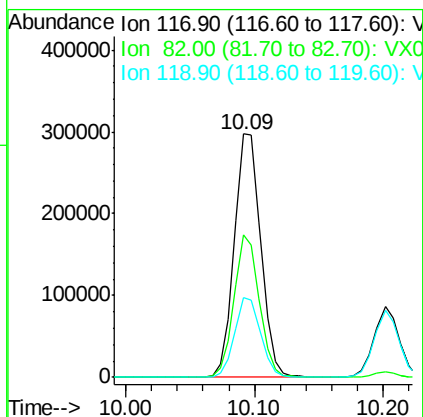
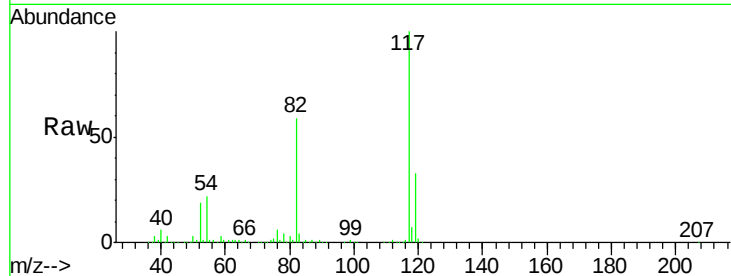




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

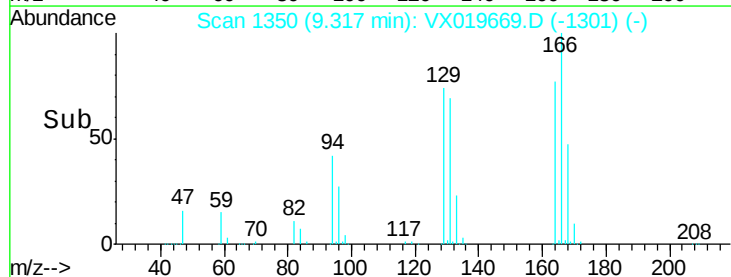
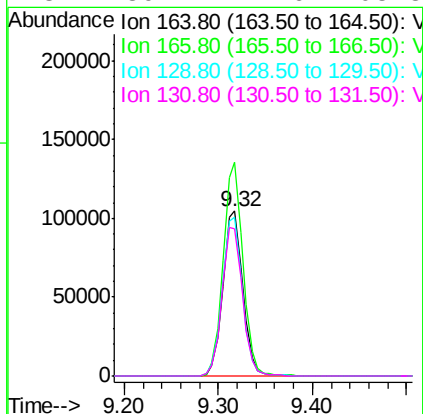
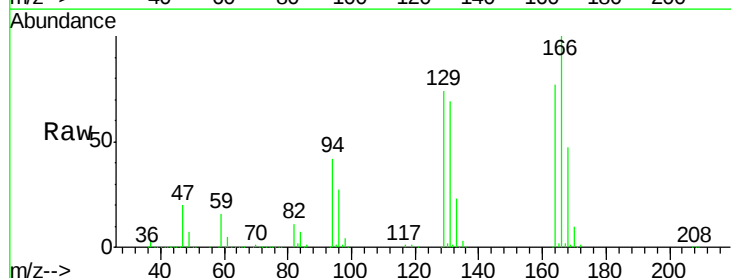
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

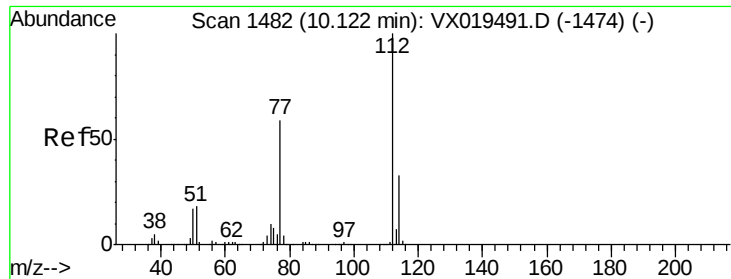
Tot Ion:117 Resp: 426584
Ion Ratio Lower Upper
117 100
82 58.6 43.0 64.4
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 45.876 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion:164 Resp: 153829
Ion Ratio Lower Upper
164 100
166 129.5 107.4 161.0
129 96.5 76.6 114.8
131 89.1 72.6 108.8

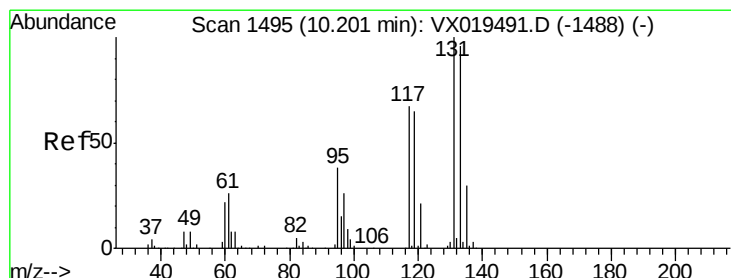
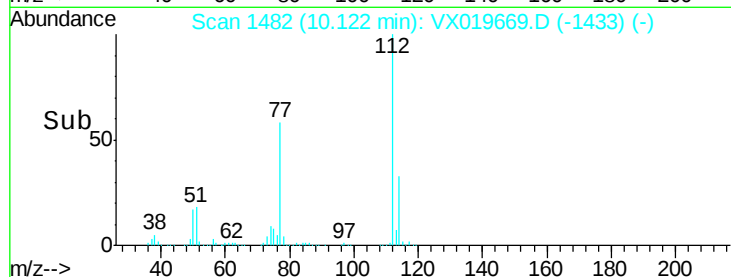
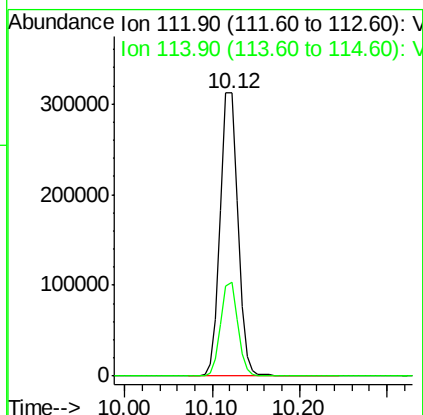
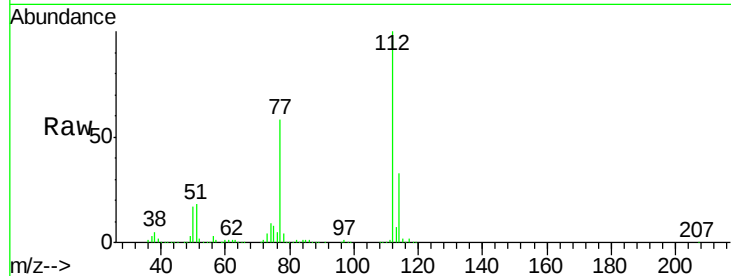




#65
Chlorobenzene
Concen: 49.767 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

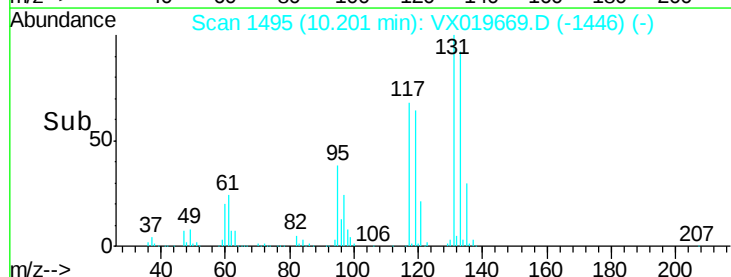
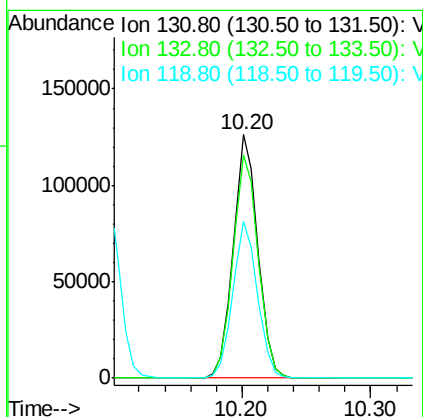
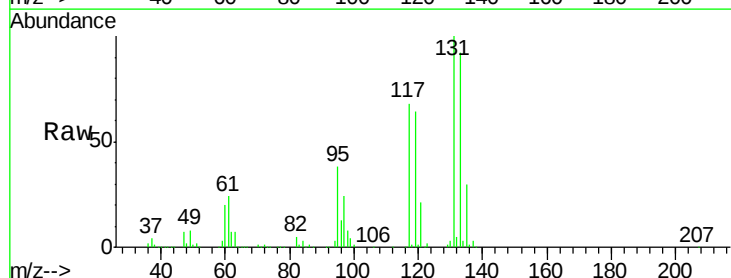
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

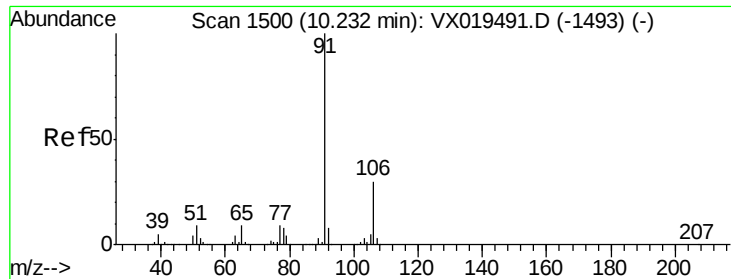
Tot Ion:112 Resp: 436486
Ion Ratio Lower Upper
112 100
114 33.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.723 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion:131 Resp: 168198
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 64.6 33.0 99.0





#67

Ethyl Benzene

Concen: 51.661 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampled :

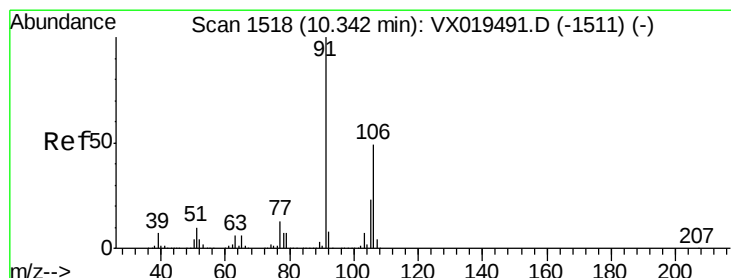
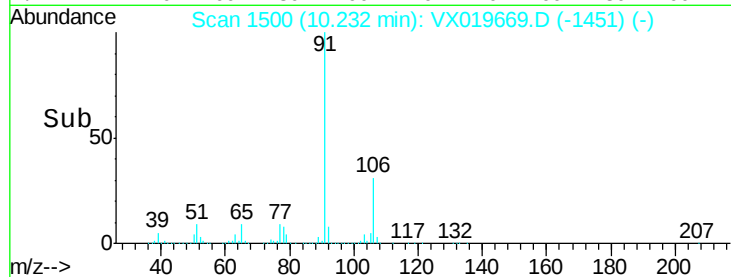
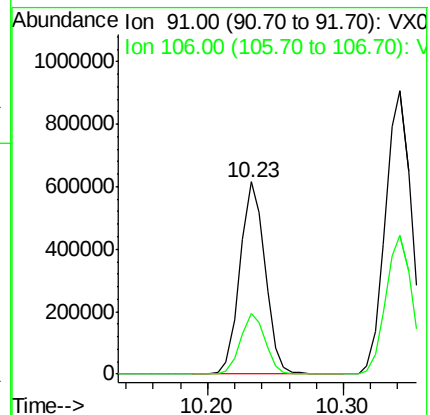
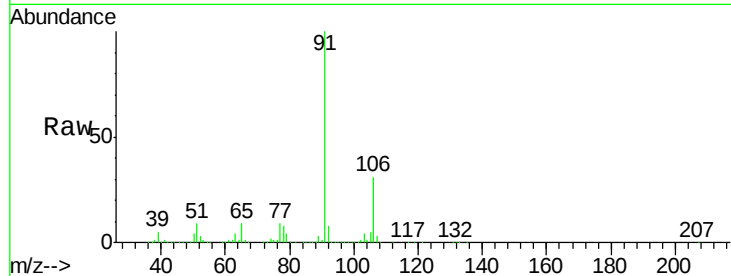
VSTDCCC050

Tot Ion: 91 Resp: 793754

Ion Ratio Lower Upper

91 100

106 31.4 24.0 36.0



#68

m/p-Xylenes

Concen: 104.036 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019669.D

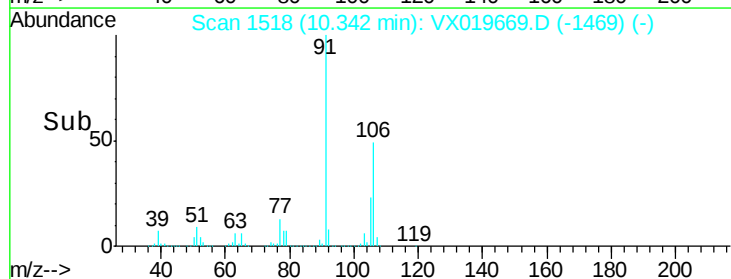
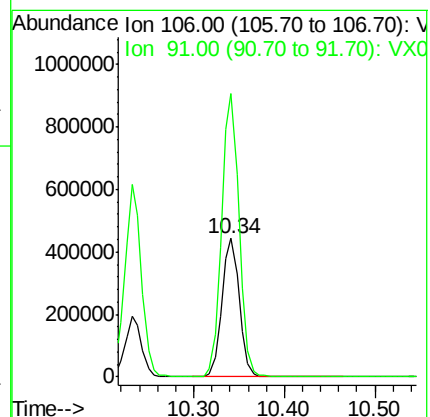
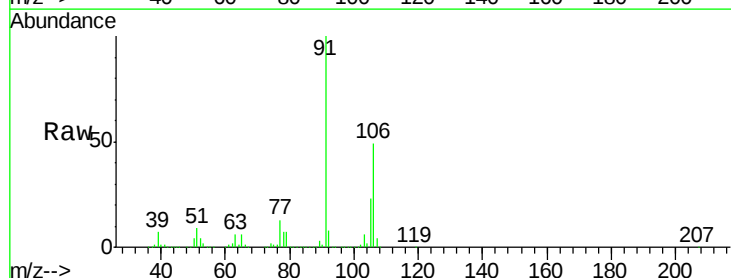
Acq: 30 Nov 2020 09:55

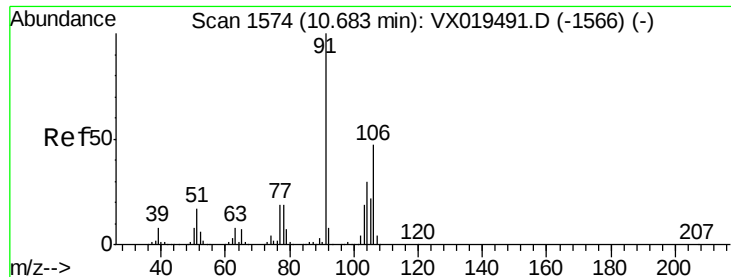
Tgt Ion: 106 Resp: 595542

Ion Ratio Lower Upper

106 100

91 204.7 163.3 244.9

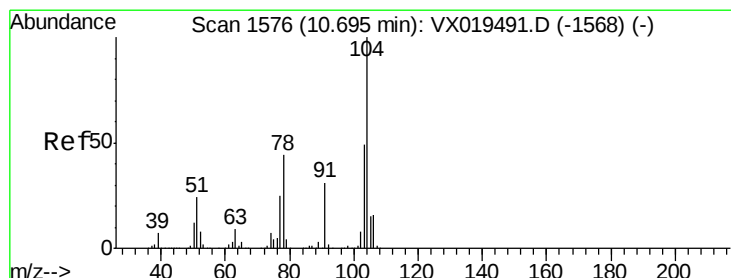
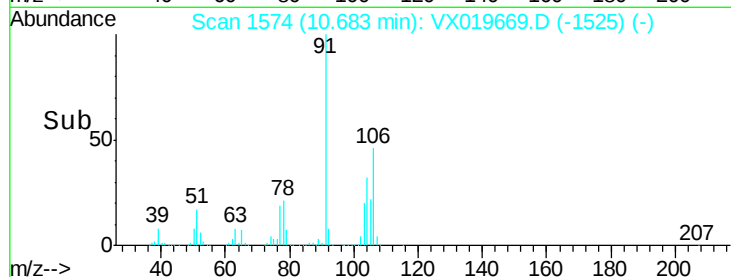
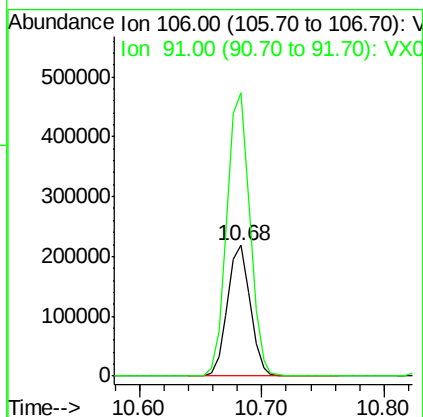
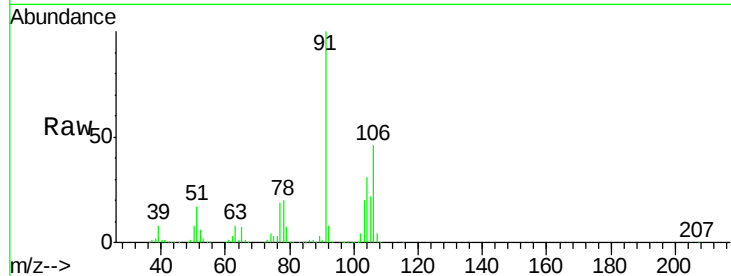




#69
o-Xylene
Concen: 51.540 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

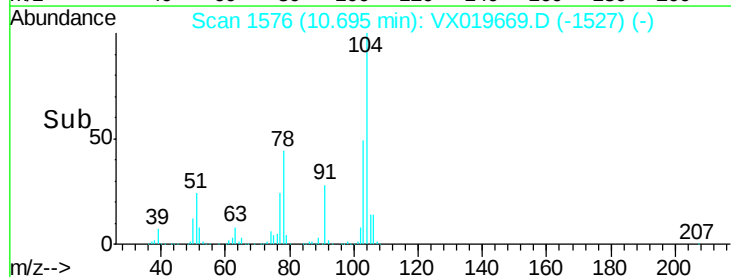
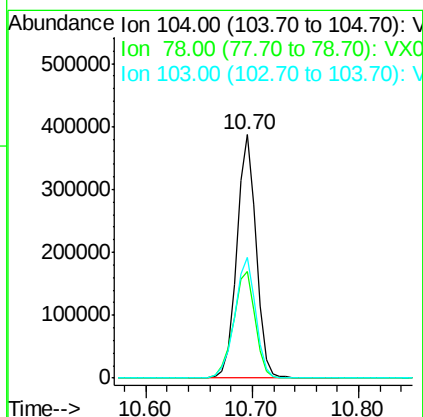
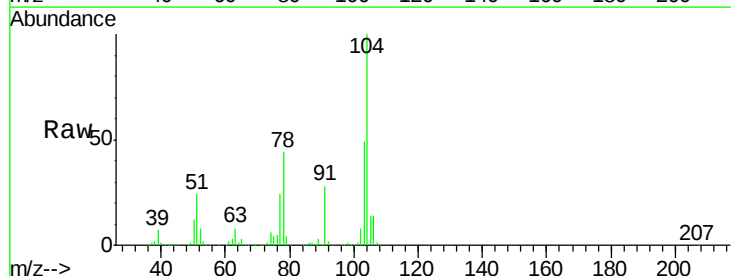
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

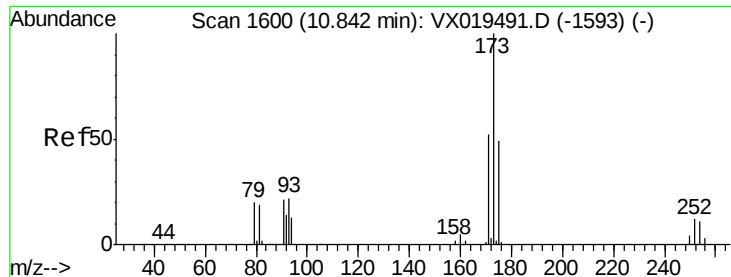
Tot Ion:106 Resp: 282034
Ion Ratio Lower Upper
106 100
91 218.4 108.0 324.0



#70
Styrene
Concen: 48.441 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion:104 Resp: 490134
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 54.0 43.6 65.4





#71

Bromoform

Concen: 49.218 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

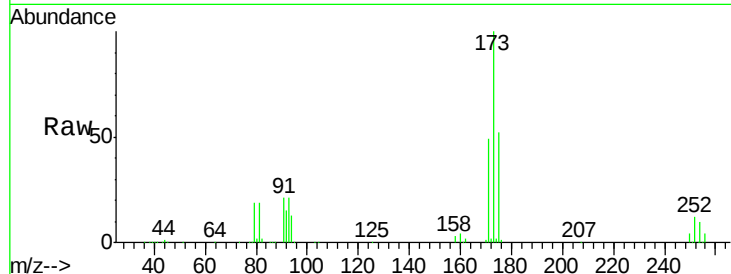
Tot Ion:173 Resp: 132847

Ion Ratio Lower Upper

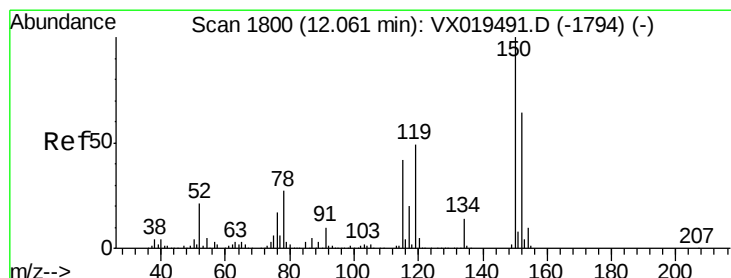
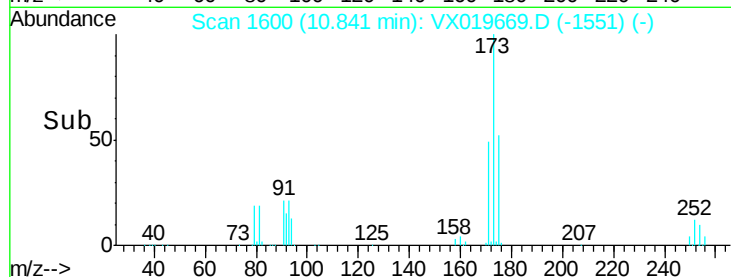
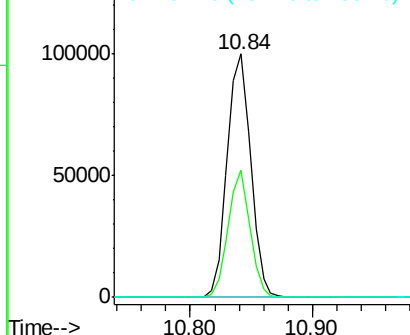
173 100

175 48.9 24.9 74.8

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: VX019669.D

Acq: 30 Nov 2020 09:55

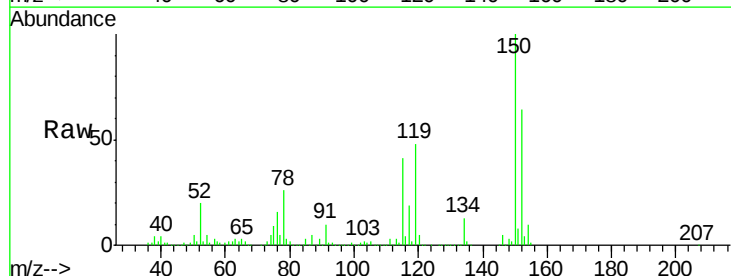
Tgt Ion:152 Resp: 218433

Ion Ratio Lower Upper

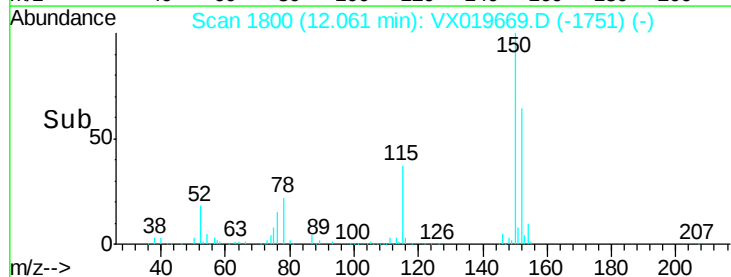
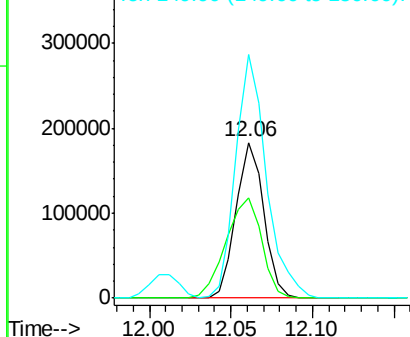
152 100

115 82.3 41.8 125.4

150 172.0 0.0 348.2



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





#73

Isopropylbenzene

Concen: 50.736 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

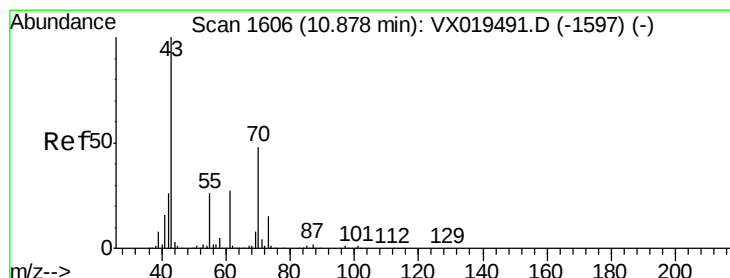
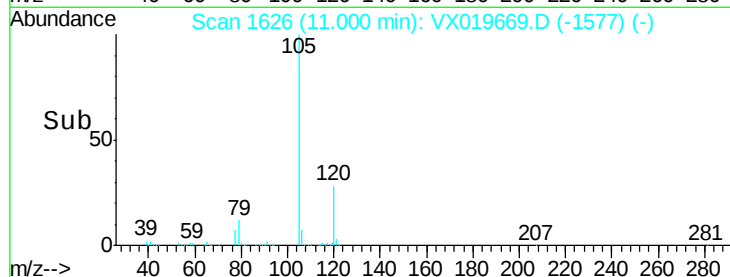
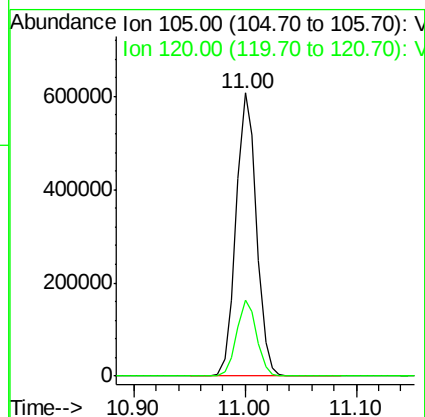
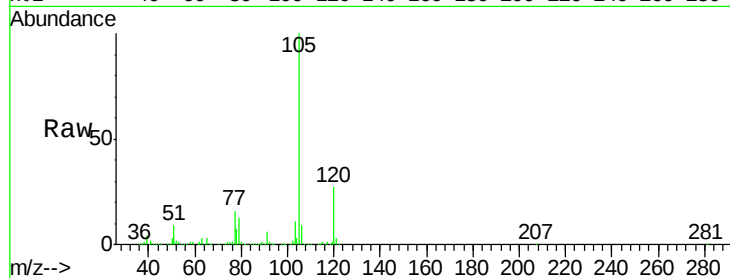
VSTDCCC050

Tot Ion:105 Resp: 766658

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 52.695 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Tgt Ion: 43 Resp: 298373

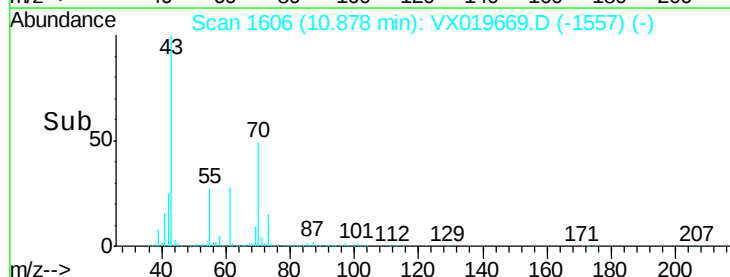
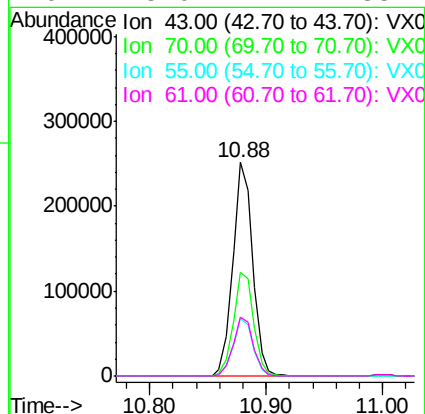
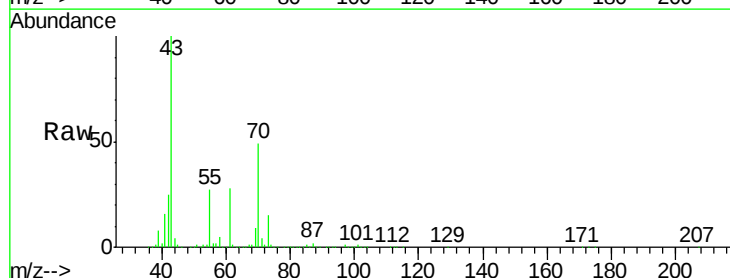
Ion Ratio Lower Upper

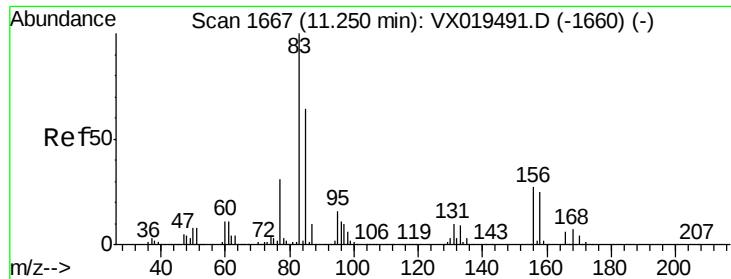
43 100

70 49.7 39.7 59.5

55 27.1 21.8 32.6

61 28.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.050 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

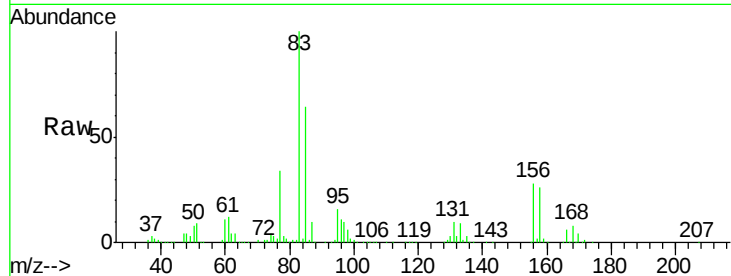
Tot Ion: 83 Resp: 259649

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

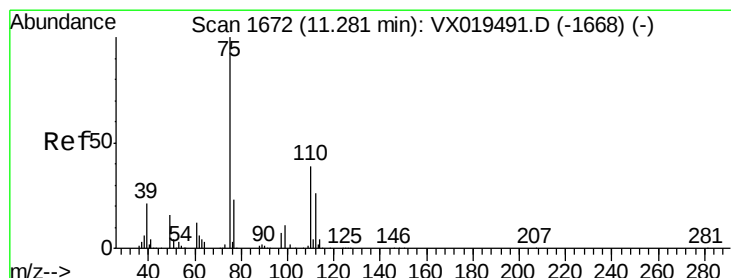
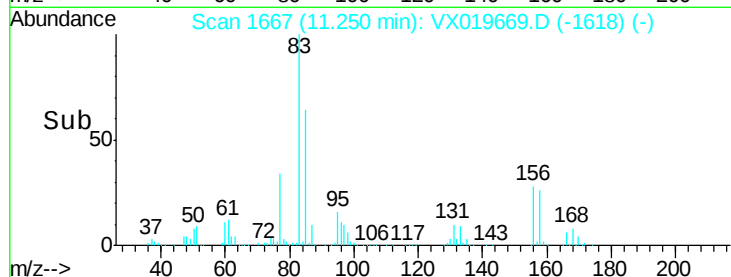
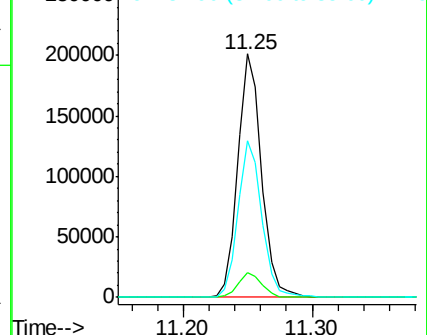
85 64.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.913 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019669.D

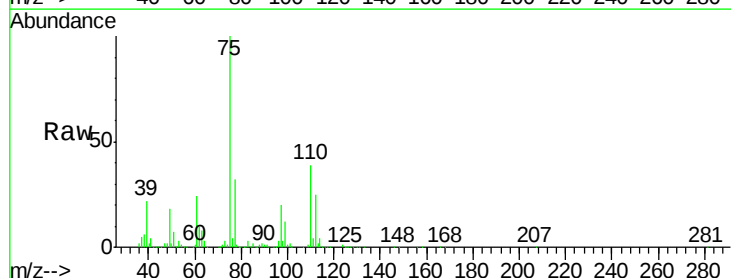
Acq: 30 Nov 2020 09:55

Tgt Ion: 75 Resp: 299903

Ion Ratio Lower Upper

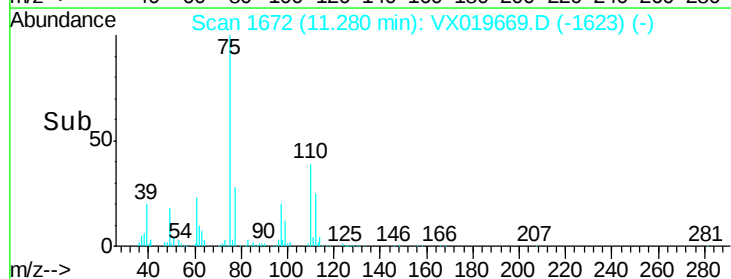
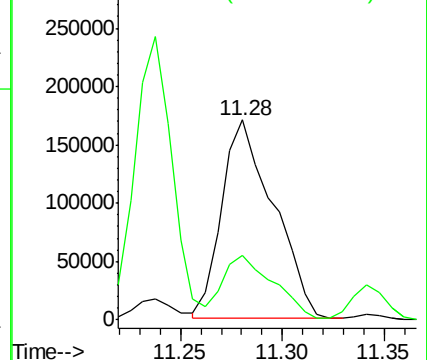
75 100

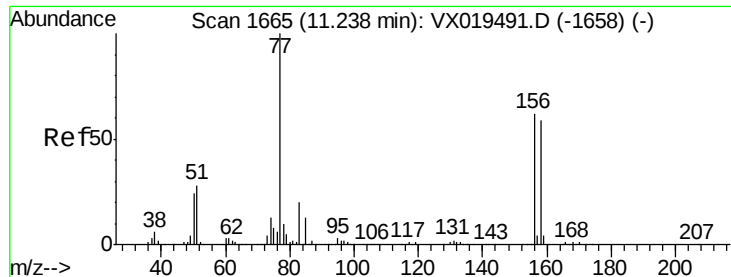
77 31.9 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.538 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

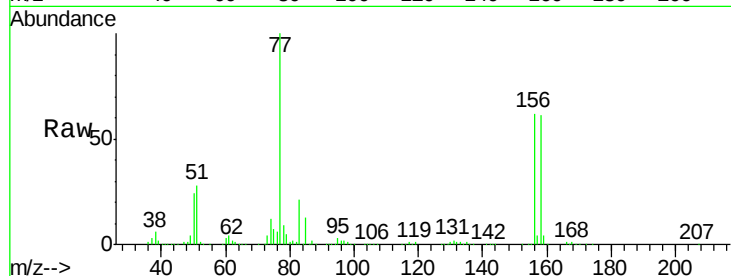
Tot Ion:156 Resp: 191093

Ion Ratio Lower Upper

156 100

77 162.9 82.5 247.3

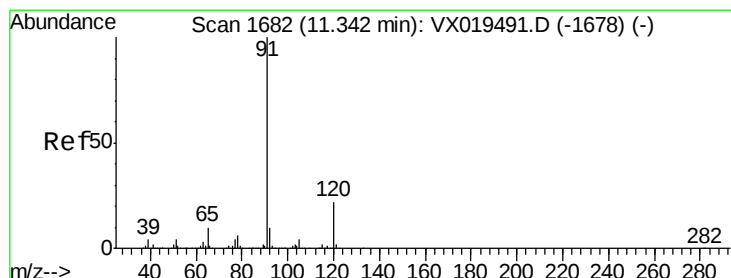
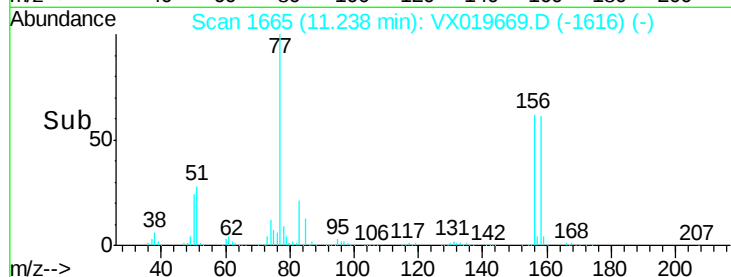
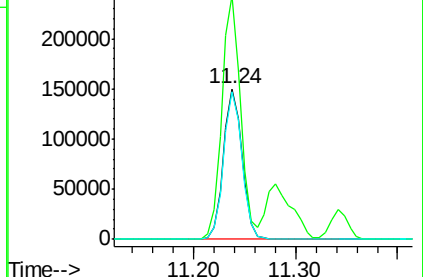
158 97.1 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.618 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019669.D

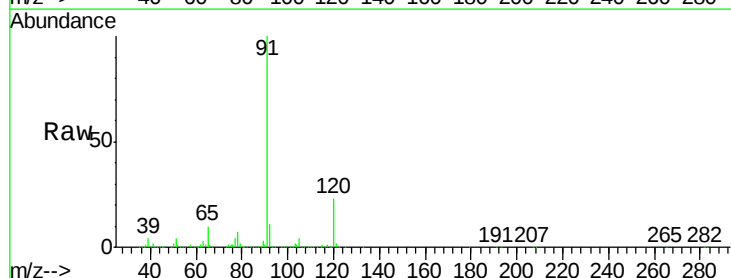
Acq: 30 Nov 2020 09:55

Tgt Ion: 91 Resp: 877448

Ion Ratio Lower Upper

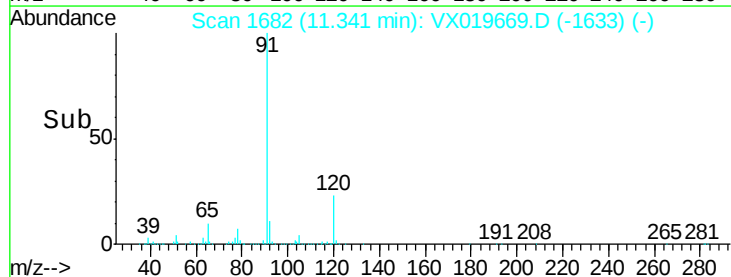
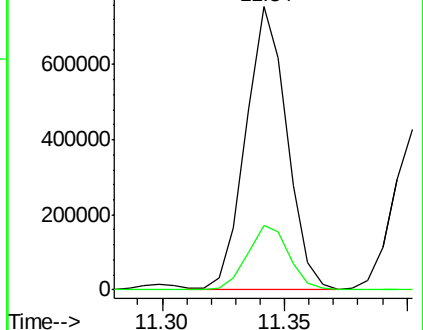
91 100

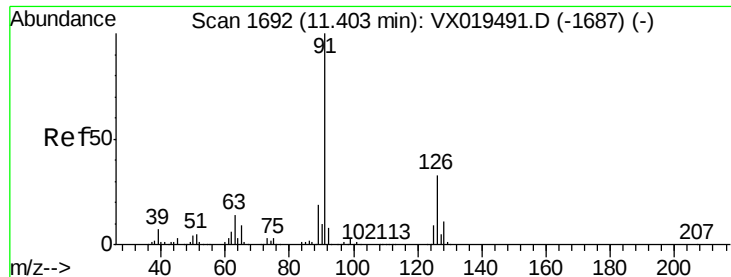
120 23.3 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

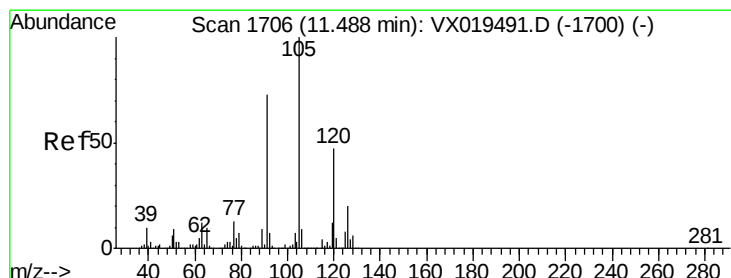
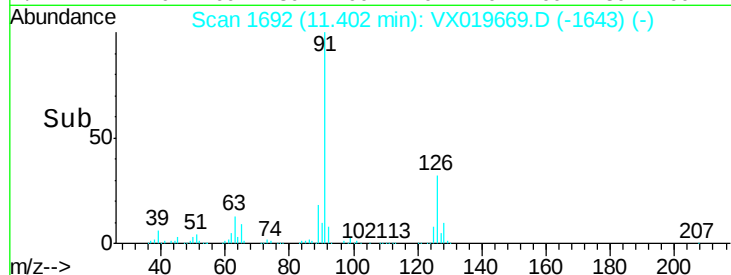
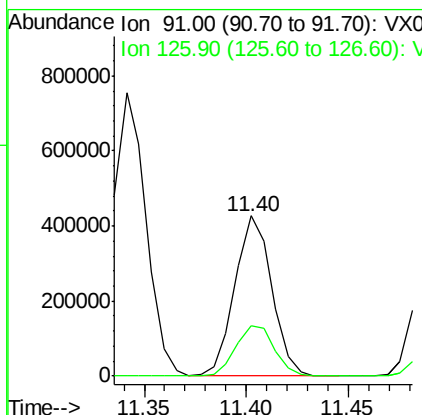
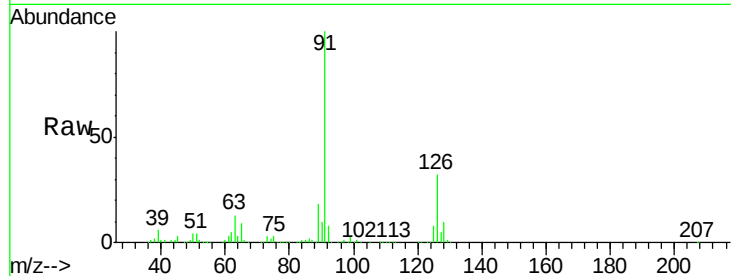




#79
 2-Chlorotoluene
 Concen: 50.459 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

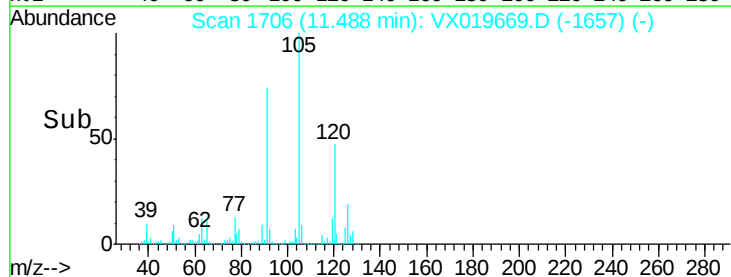
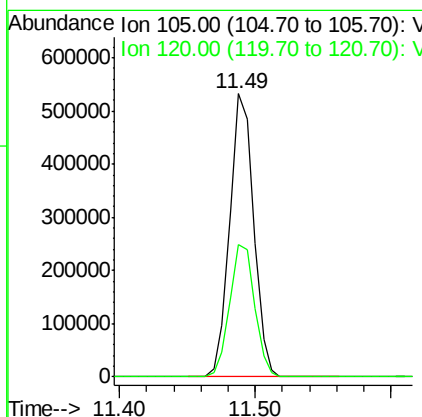
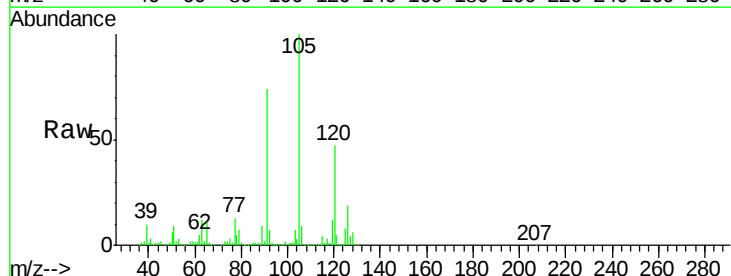
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

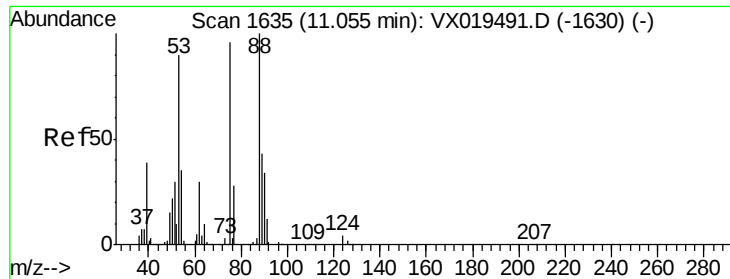
Tot Ion: 91 Resp: 530477
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.519 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion: 105 Resp: 653052
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 50.924 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

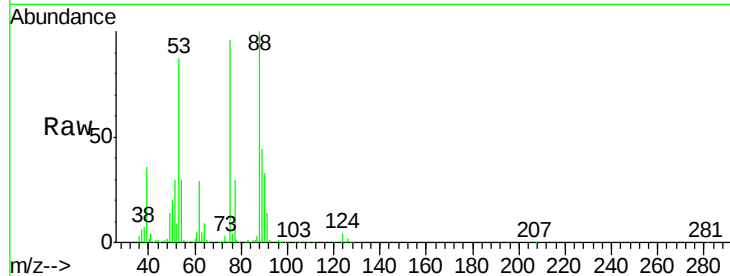
Tot Ion: 75 Resp: 90029

Ion Ratio Lower Upper

75 100

53 89.0 73.9 110.9

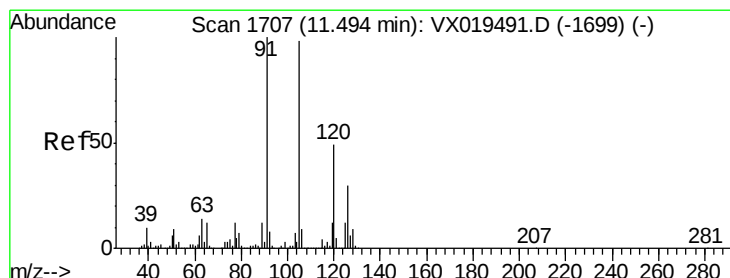
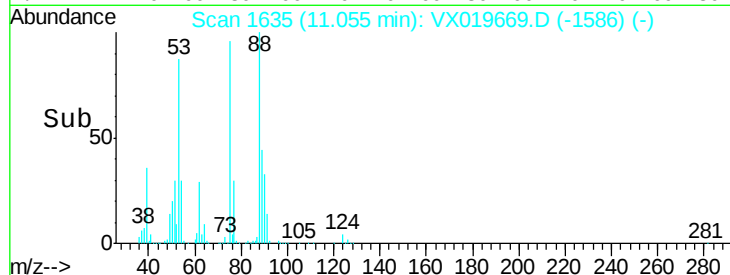
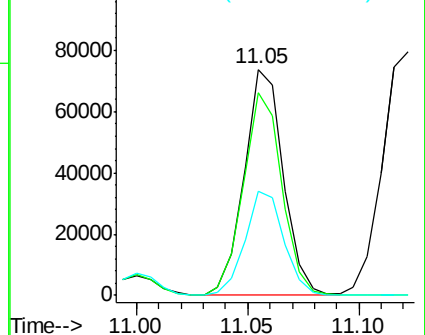
89 46.1 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.574 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019669.D

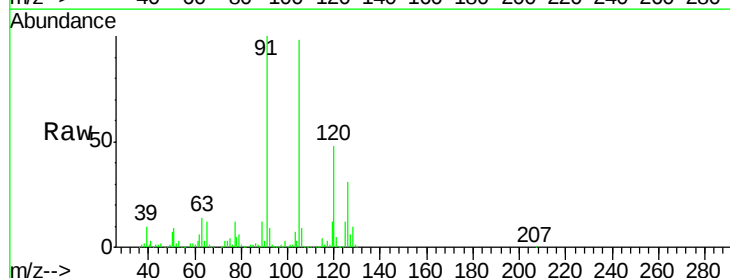
Acq: 30 Nov 2020 09:55

Tgt Ion: 91 Resp: 613527

Ion Ratio Lower Upper

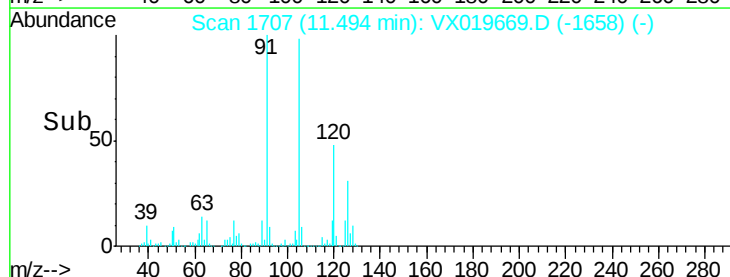
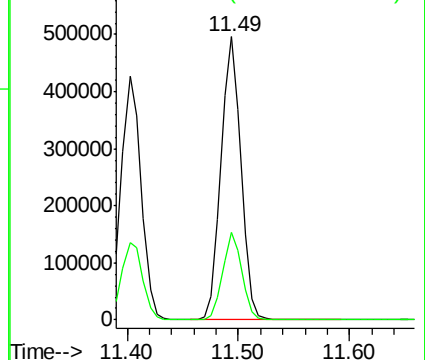
91 100

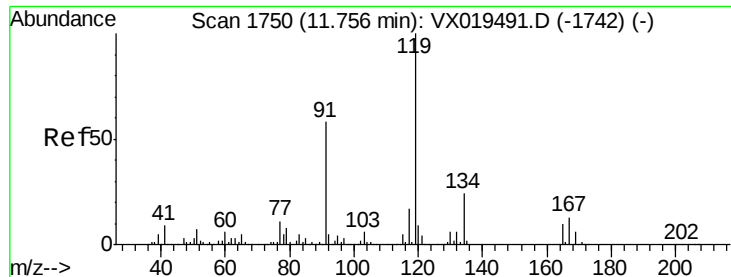
126 29.8 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

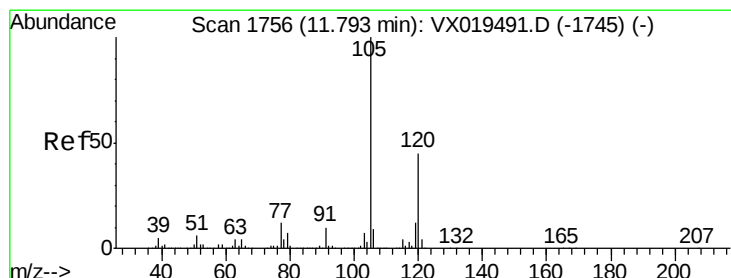
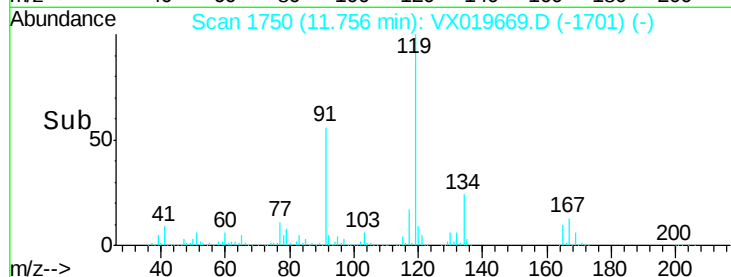
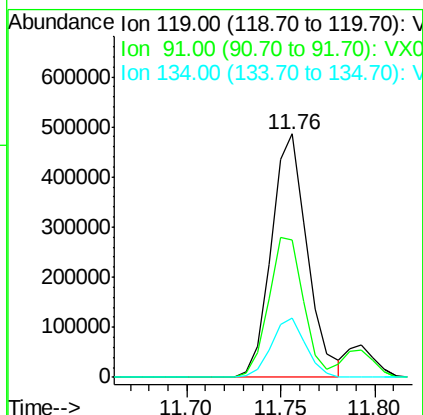
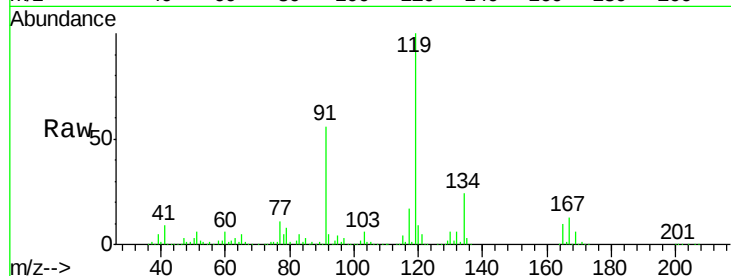




#83
tert-Butylbenzene
Concen: 52.080 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

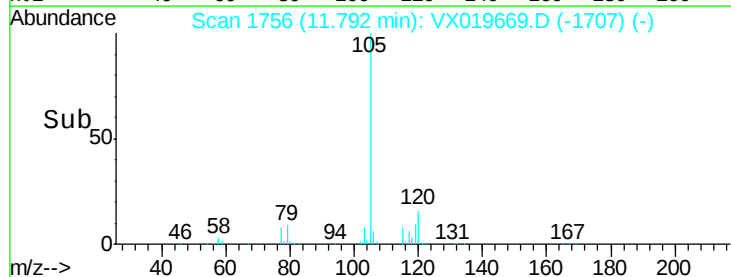
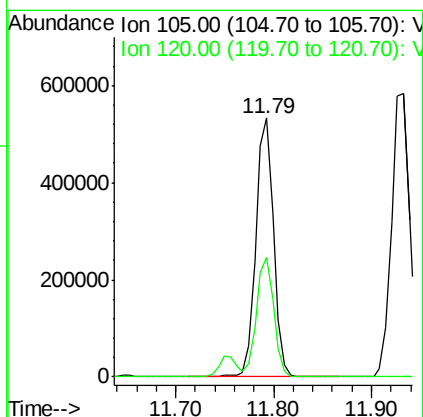
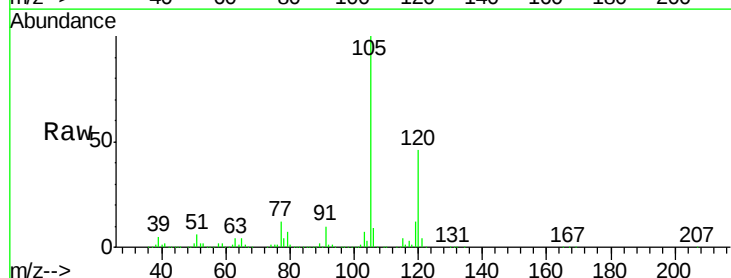
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

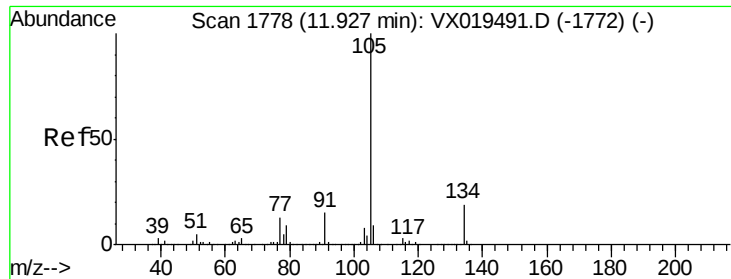
Tot Ion:119 Resp: 638681
Ion Ratio Lower Upper
119 100
91 56.2 28.9 86.8
134 23.2 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 51.799 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion:105 Resp: 664361
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6

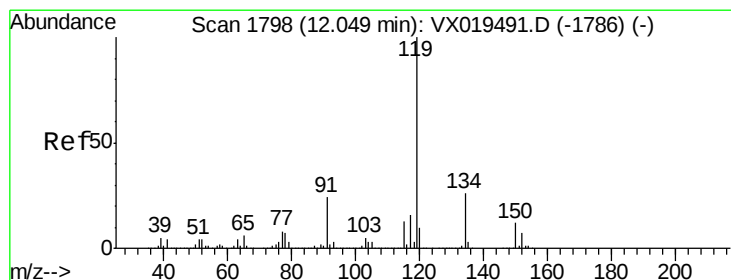
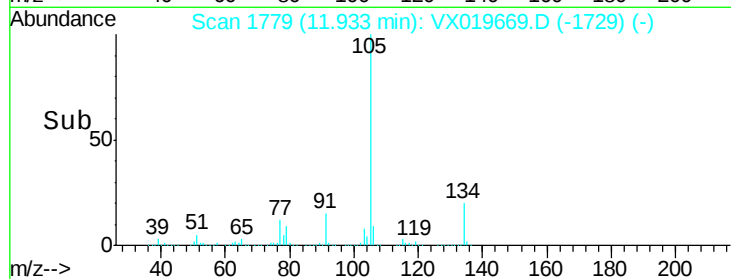
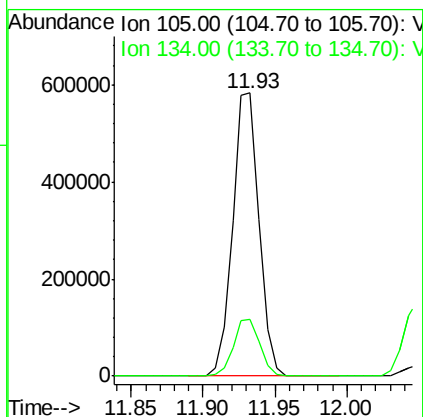
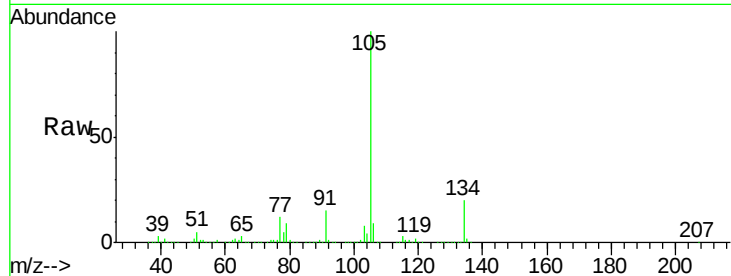




#85
 sec-Butylbenzene
 Concen: 51.160 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

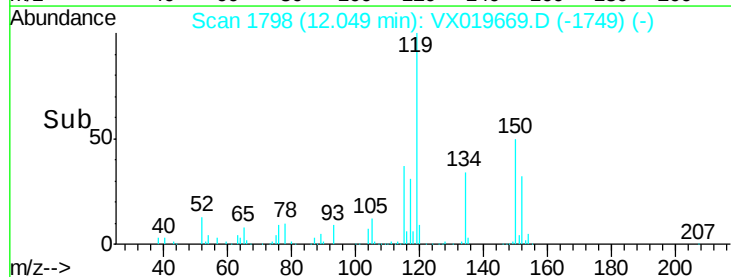
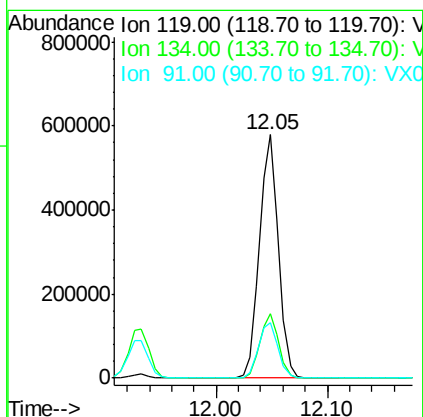
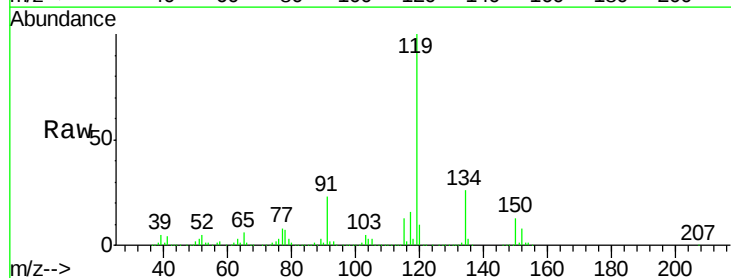
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

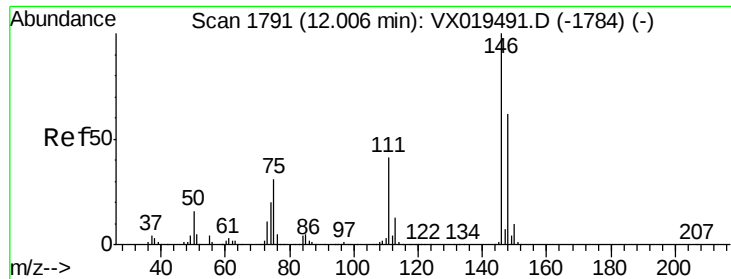
Tot Ion:105 Resp: 746388
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.992 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion:119 Resp: 688689
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 23.5 11.8 35.4

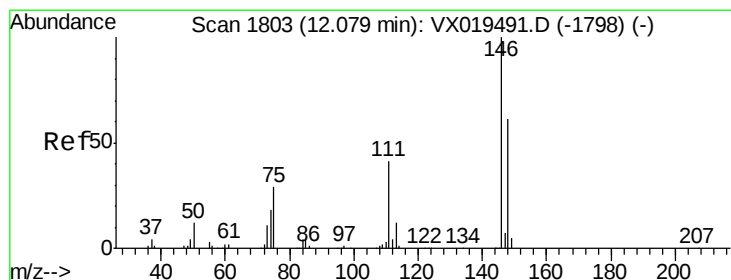
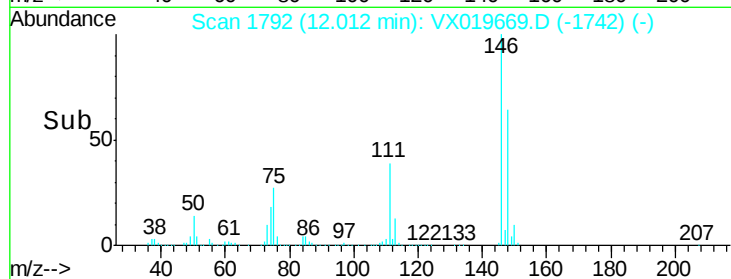
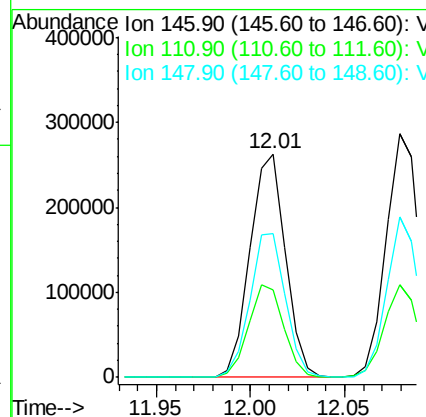
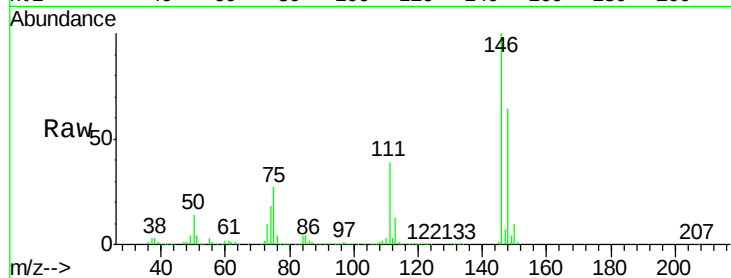




#87
 1,3-Dichlorobenzene
 Concen: 48.547 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

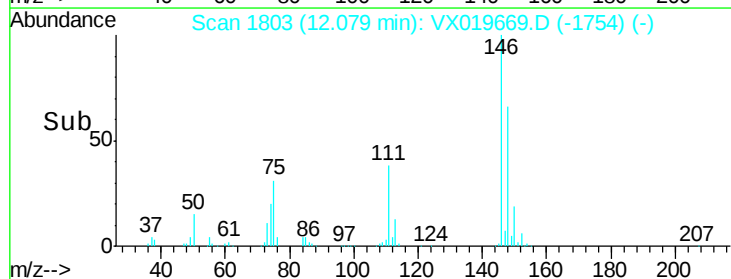
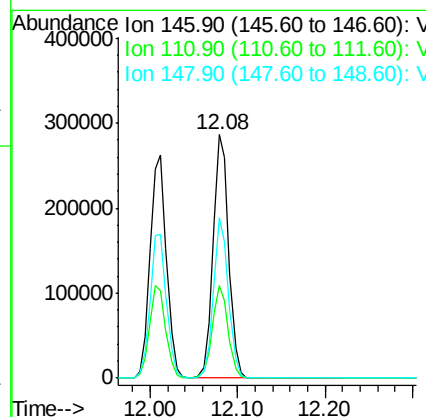
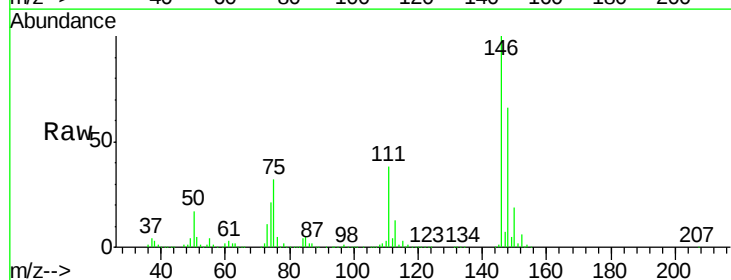
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

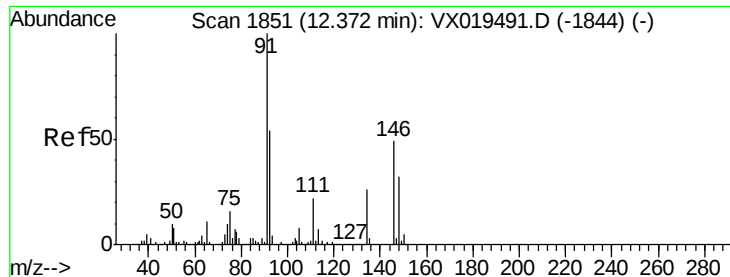
Tot Ion:146 Resp: 343925
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.2 60.6
 148 64.6 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.066 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019669.D
 Acq: 30 Nov 2020 09:55

Tgt Ion:146 Resp: 358046
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.9 59.6
 148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 51.117 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

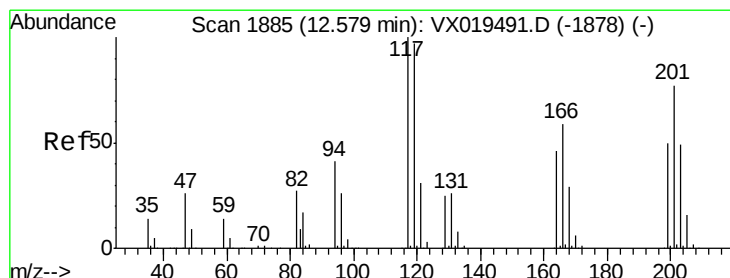
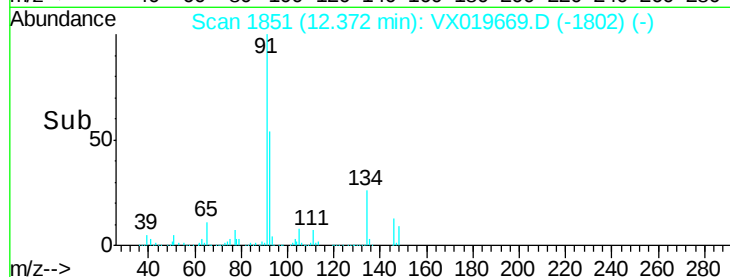
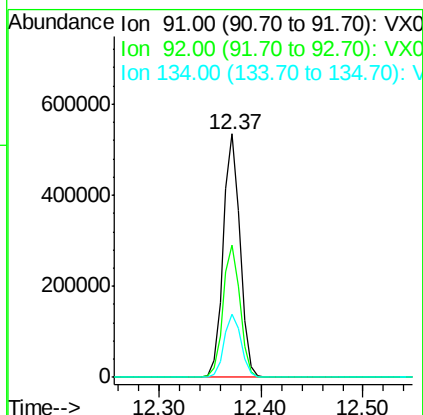
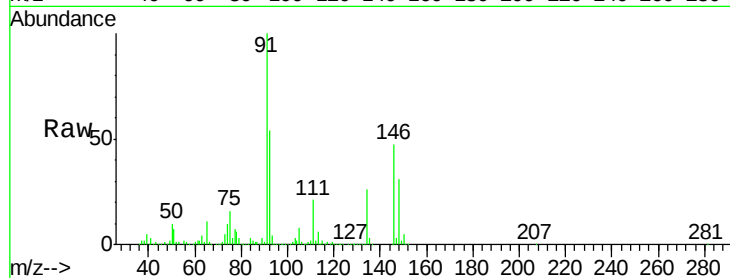
Tot Ion: 91 Resp: 612127

Ion Ratio Lower Upper

91 100

92 55.1 26.9 80.6

134 26.1 12.9 38.6



#90

Hexachloroethane

Concen: 53.014 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019669.D

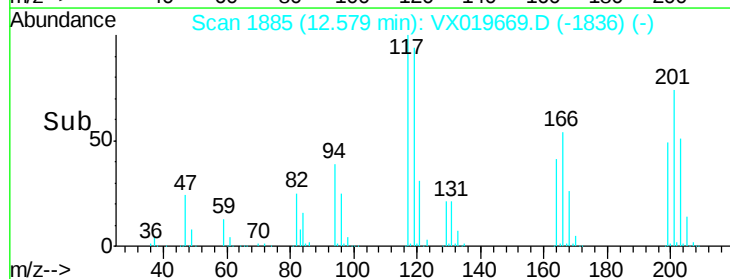
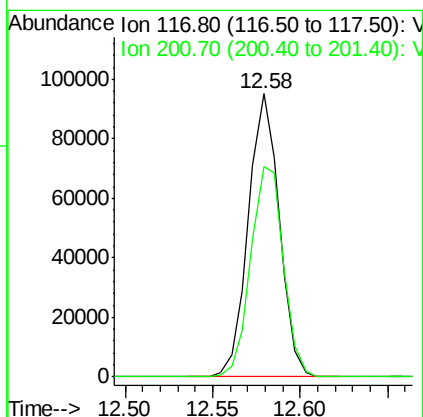
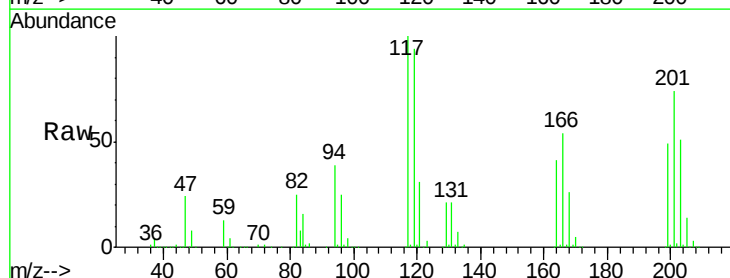
Acq: 30 Nov 2020 09:55

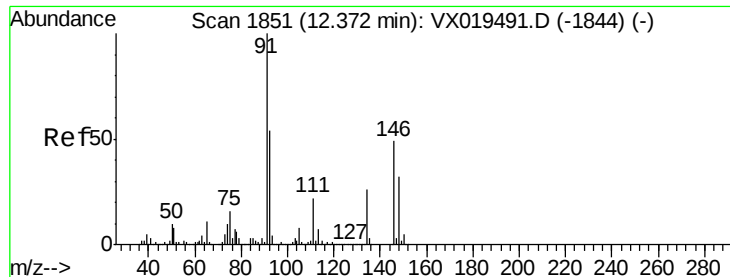
Tgt Ion: 117 Resp: 117507

Ion Ratio Lower Upper

117 100

201 78.7 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 48.125 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

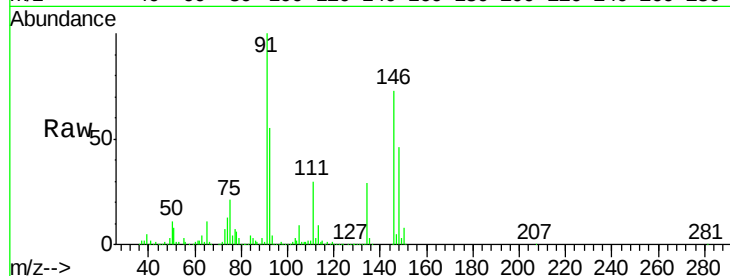
Tot Ion:146 Resp: 342423

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

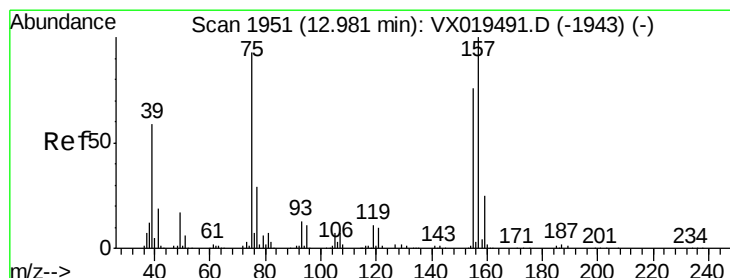
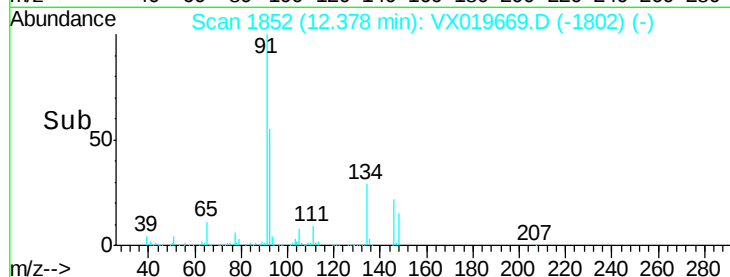
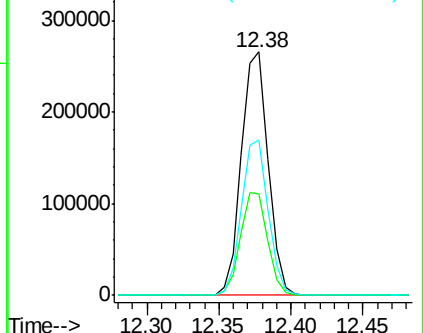
148 63.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.285 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

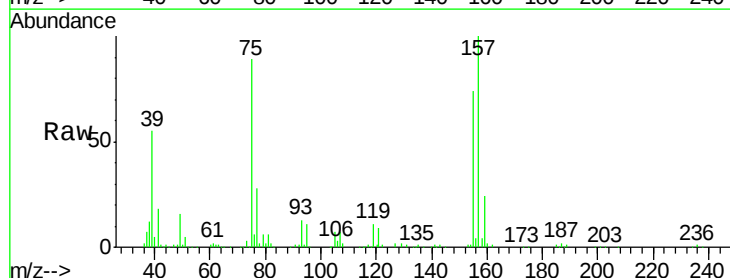
Tgt Ion: 75 Resp: 56537

Ion Ratio Lower Upper

75 100

155 87.7 43.6 130.9

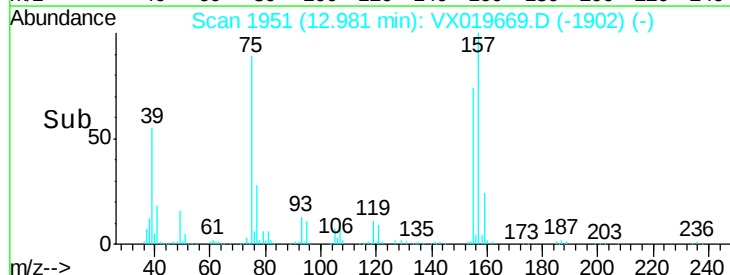
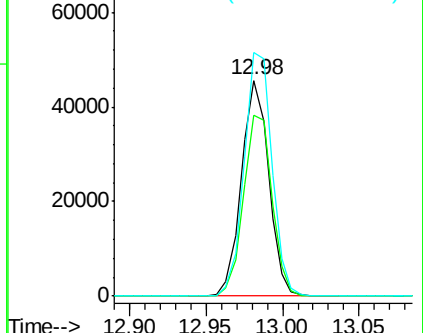
157 115.2 57.0 170.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 50.282 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

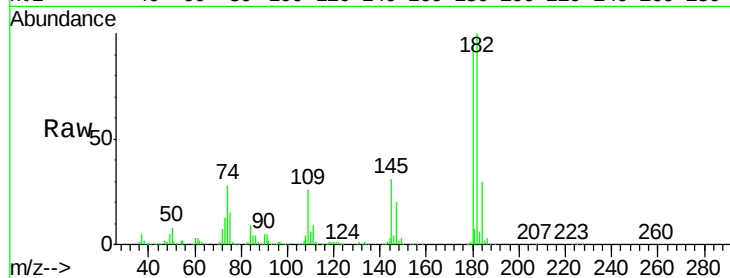
Tot Ion:180 Resp: 229694

Ion Ratio Lower Upper

180 100

182 99.6 48.6 145.9

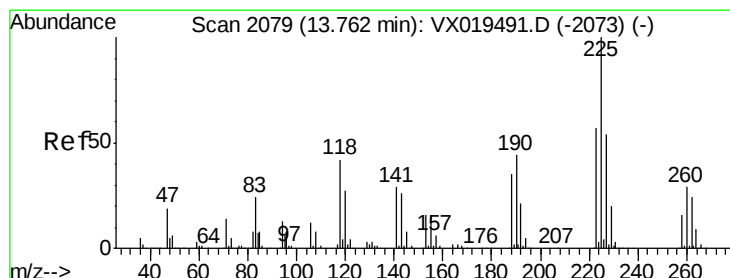
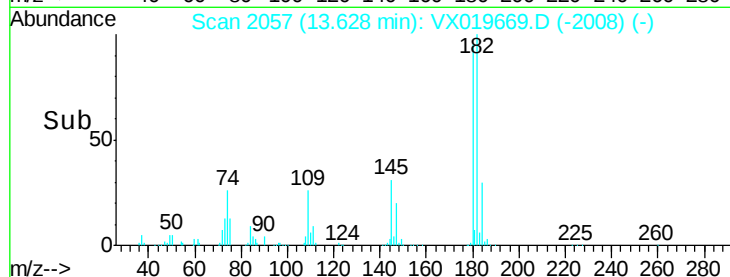
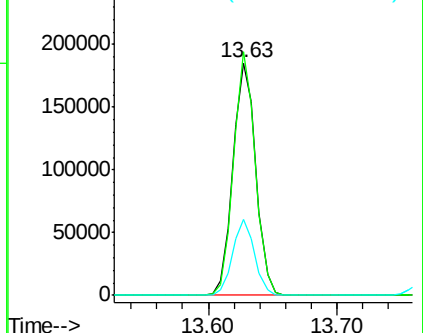
145 31.3 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.408 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019669.D

Acq: 30 Nov 2020 09:55

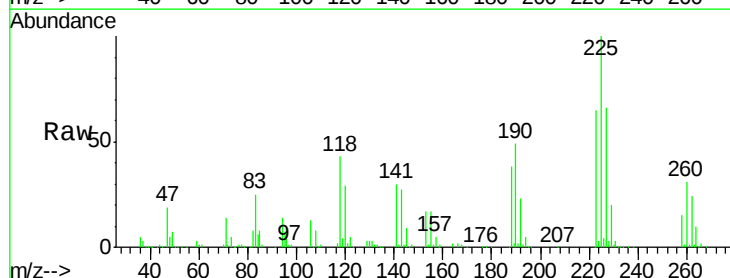
Tgt Ion:225 Resp: 98655

Ion Ratio Lower Upper

225 100

223 63.7 32.5 97.5

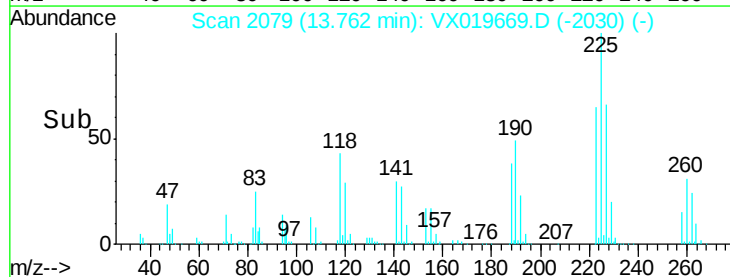
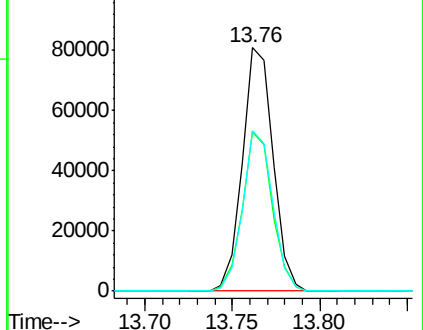
227 64.5 32.8 98.3

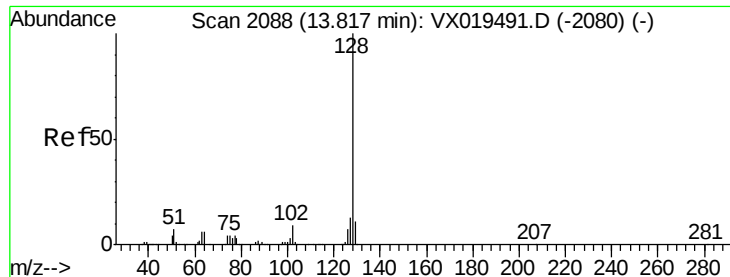


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

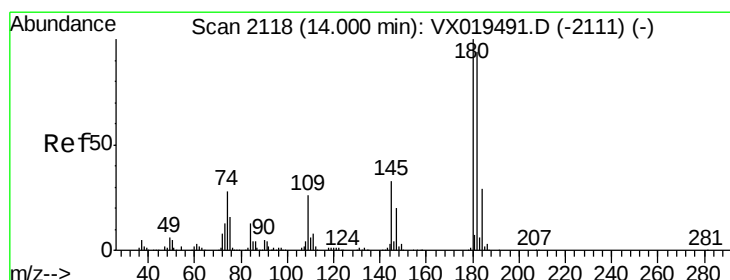
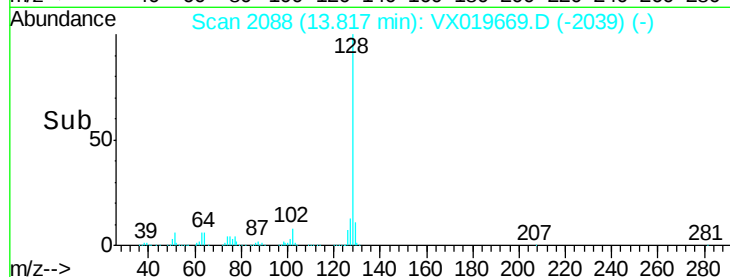
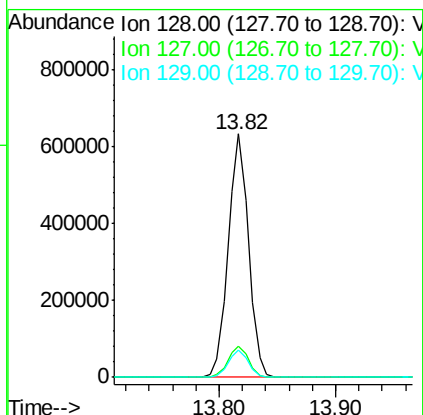
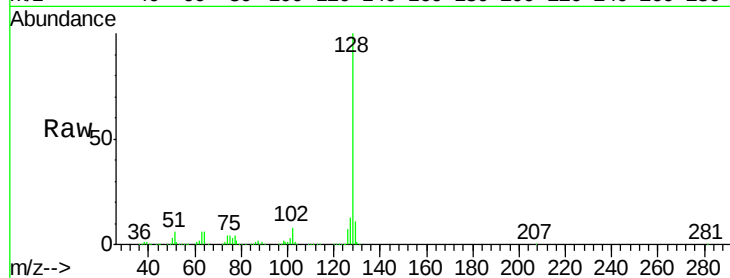




#95
Naphthalene
Concen: 47.611 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 765335
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.890 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019669.D
Acq: 30 Nov 2020 09:55

Tgt Ion:180 Resp: 232529
Ion Ratio Lower Upper
180 100
182 93.9 48.1 144.3
145 32.6 16.6 49.8

