

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041320\
 Data File : VX015642.D
 Acq On : 13 Apr 2020 14:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 13 17:23:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1292531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1853747	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	1708835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	922630	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	755678	41.45	ug/l	0.00
Spiked Amount						
			Recovery	=	82.90%	
35) Dibromofluoromethane	5.46	113	590998	49.87	ug/l	-0.01
Spiked Amount						
			Recovery	=	99.74%	
50) Toluene-d8	8.70	98	2162481	49.57	ug/l	0.00
Spiked Amount						
			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.12	95	868992	49.01	ug/l	0.00
Spiked Amount						
			Recovery	=	98.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	553774	48.630	ug/l	99
3) Chloromethane	1.31	50	635188	43.801	ug/l	99
4) Vinyl Chloride	1.39	62	672604	50.511	ug/l	97
5) Bromomethane	1.63	94	306999	50.018	ug/l	98
6) Chloroethane	1.71	64	411682	49.849	ug/l	99
7) Trichlorofluoromethane	1.91	101	938007	52.527	ug/l	99
8) Diethyl Ether	2.17	74	382815	50.824	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	632820	54.359	ug/l	97
10) Methyl Iodide	2.49	142	773571	49.286	ug/l	98
11) Tert butyl alcohol	3.01	59	811436	185.965	ug/l	100
12) 1,1-Dichloroethene	2.36	96	616227	50.499	ug/l	98
13) Acrolein	2.27	56	237154	95.412	ug/l	100
14) Allyl chloride	2.70	41	1317940	46.222	ug/l	98
15) Acrylonitrile	3.11	53	1877732	225.654	ug/l	99
16) Acetone	2.42	43	1710957	218.460	ug/l	99
17) Carbon Disulfide	2.55	76	1644951	44.189	ug/l	100
18) Methyl Acetate	2.75	43	931118	46.581	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	2261157	47.777	ug/l	99
20) Methylene Chloride	2.83	84	670660	45.845	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	659173	48.673	ug/l	98
22) Diisopropyl ether	3.82	45	2457832	48.646	ug/l	99
23) Vinyl Acetate	3.78	43	10662360	233.080	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1262106	47.444	ug/l	99
25) 2-Butanone	4.63	43	2736597	217.270	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1164465	53.329	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	770251	49.160	ug/l	99
28) Bromochloromethane	4.98	49	555300	43.721	ug/l	96
29) Tetrahydrofuran	5.09	42	1743004	215.259	ug/l	98
30) Chloroform	5.17	83	1250244	48.850	ug/l	94
31) Cyclohexane	5.54	56	1162421	50.371	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	1154556	49.847	ug/l	100
36) 1,1-Dichloropropene	5.77	75	956958	56.027	ug/l	99
37) Ethyl Acetate	4.79	43	1085007	48.787	ug/l	100
38) Carbon Tetrachloride	5.75	117	1023603	55.331	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1180967	59.967	ug/l	98
40) Benzene	6.11	78	2720448	54.373	ug/l	99
41) Methacrylonitrile	5.00	41	641586	51.969	ug/l	99
42) 1,2-Dichloroethane	6.16	62	1052485	52.370	ug/l	99
43) Isopropyl Acetate	6.41	43	1898906	50.580	ug/l	99
44) Trichloroethene	7.18	130	773954	56.720	ug/l	94
45) 1,2-Dichloropropane	7.49	63	735249	53.719	ug/l	98
46) Dibromomethane	7.64	93	480980	53.571	ug/l	95
47) Bromodichloromethane	7.87	83	1037623	54.238	ug/l	99
48) Methyl methacrylate	7.75	41	946983	50.500	ug/l	97
49) 1,4-Dioxane	7.72	88	330100	943.621	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	5339313	250.951	ug/l	99
52) Toluene	8.76	92	1755079	56.897	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1208079	53.843	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1253985	54.865	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	701085	55.475	ug/l	98
56) Ethyl methacrylate	9.16	69	1168416	52.460	ug/l	97
57) 1,3-Dichloropropane	9.36	76	1221611	53.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2176305	200.886	ug/l	99
59) 2-Hexanone	9.47	43	4066388	253.150	ug/l	98
60) Dibromochloromethane	9.56	129	855075	56.306	ug/l	100
61) 1,2-Dibromoethane	9.65	107	738586	53.748	ug/l	98
64) Tetrachloroethene	9.32	164	728581	56.496	ug/l	95
65) Chlorobenzene	10.12	112	1907933	55.985	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	767006	56.336	ug/l	99
67) Ethyl Benzene	10.23	91	3420042	56.583	ug/l	99
68) m/p-Xylenes	10.34	106	2565185	113.973	ug/l	96
69) o-Xylene	10.68	106	1255854	56.467	ug/l	97
70) Styrene	10.70	104	2190662	55.975	ug/l	98
71) Bromoform	10.84	173	682223	55.044	ug/l #	100
73) Isopropylbenzene	11.00	105	3406047	56.342	ug/l	99
74) N-amyl acetate	10.88	43	1635580	48.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	1046693	50.459	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1277380	67.326	ug/l	83
77) Bromobenzene	11.24	156	909487	56.402	ug/l	94
78) n-propylbenzene	11.34	91	3882966	56.173	ug/l	99
79) 2-Chlorotoluene	11.40	91	2286614	53.969	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2894597	56.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	397649	50.289	ug/l	98
82) 4-Chlorotoluene	11.50	91	2722694	54.816	ug/l	98
83) tert-Butylbenzene	11.76	119	2878690	57.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2957891	56.221	ug/l	100
85) sec-Butylbenzene	11.93	105	3351012	57.455	ug/l	99
86) p-Isopropyltoluene	12.05	119	3212164	59.325	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1663175	57.615	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1634907	55.602	ug/l	99
89) n-Butylbenzene	12.37	91	2908454	59.442	ug/l	99
90) Hexachloroethane	12.58	117	566247	53.731	ug/l	91
91) 1,2-Dichlorobenzene	12.37	146	1580130	55.933	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	252694	43.161	ug/l	93

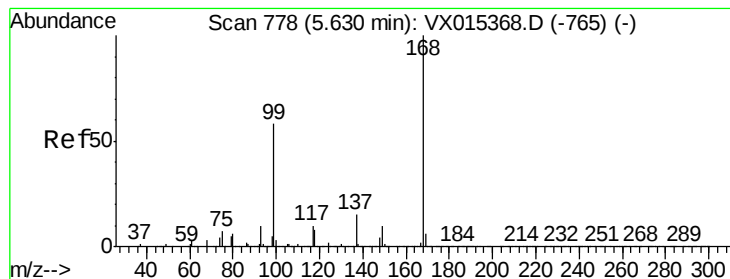
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1309789	58.615	ug/l	99
94) Hexachlorobutadiene	13.77	225	633800	59.573	ug/l	96
95) Naphthalene	13.82	128	3727239	54.682	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1277622	59.385	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 777

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

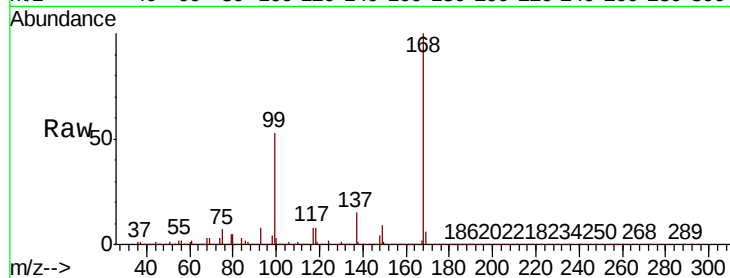
VSTDCCC050

Tot Ion:168 Resp: 1292531

Ion Ratio Lower Upper

168 100

99 53.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

400000

300000

200000

100000

0

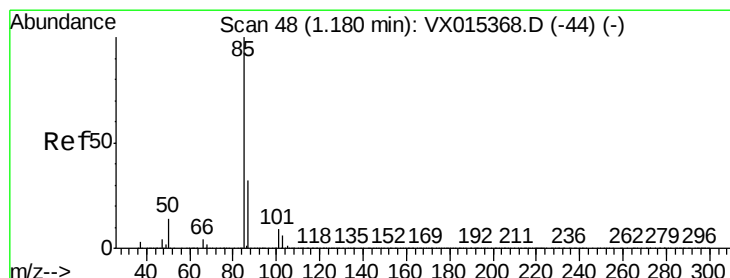
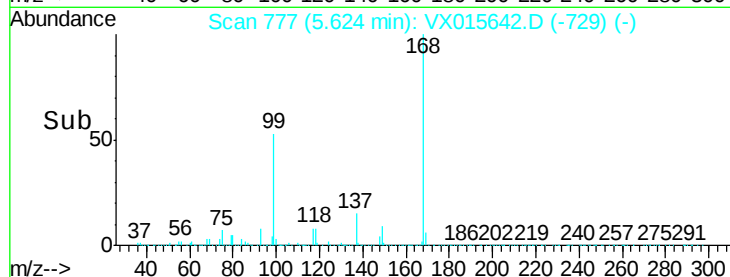
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.630 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015642.D

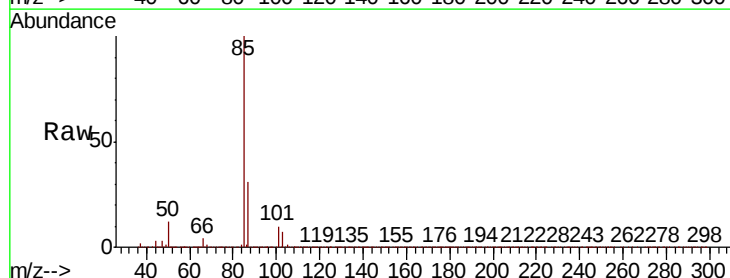
Acq: 13 Apr 2020 14:37

Tgt Ion: 85 Resp: 553774

Ion Ratio Lower Upper

85 100

87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600000

500000

400000

300000

200000

100000

0

1.10

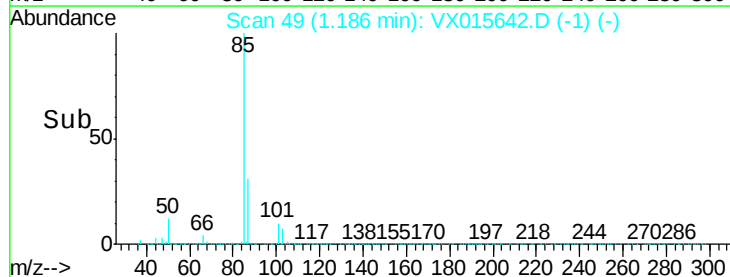
1.15

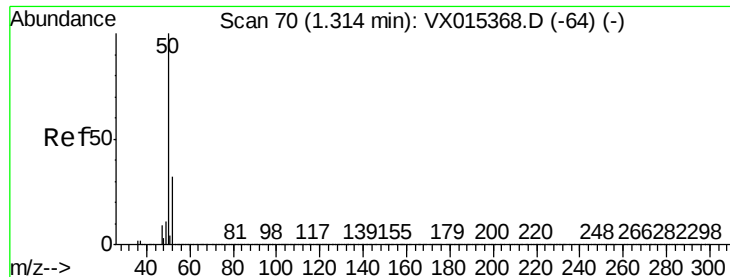
1.20

1.25

1.30

Time-->

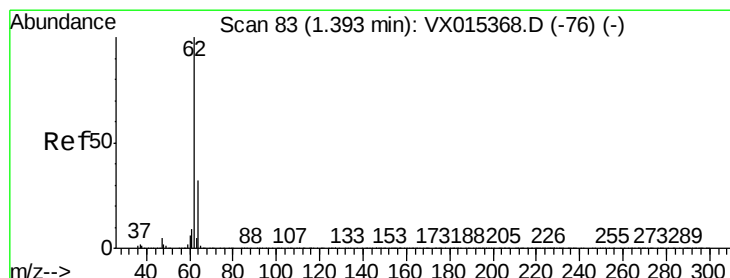
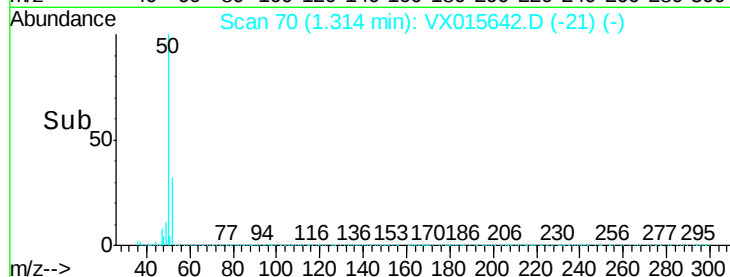
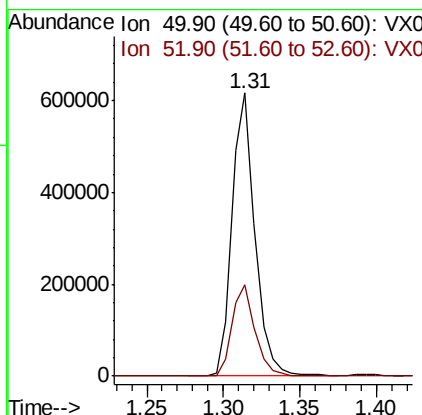
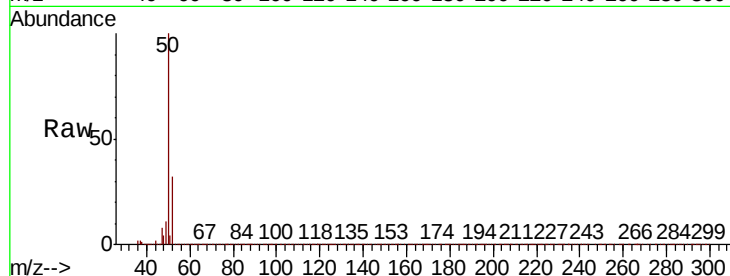




#3
Chloromethane
Concen: 43.801 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

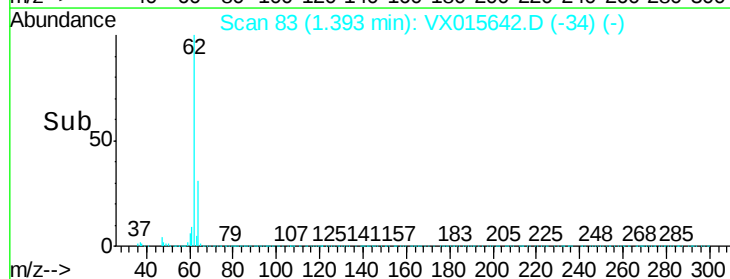
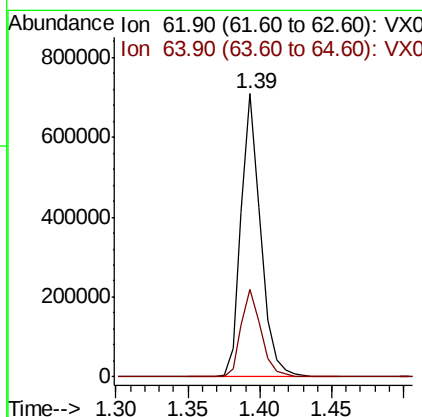
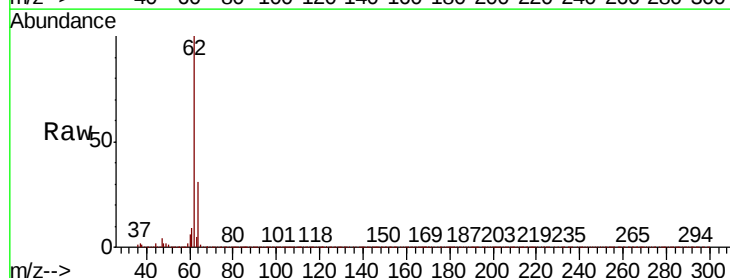
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

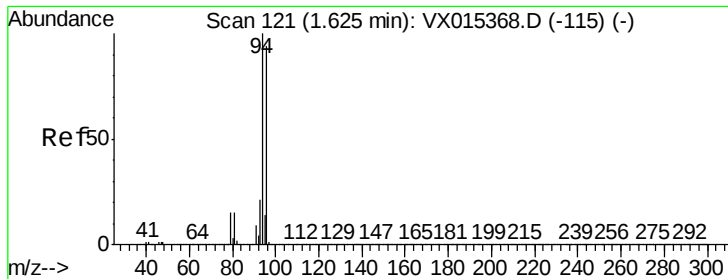
Tot Ion: 50 Resp: 635188
Ion Ratio Lower Upper
50 100
52 32.1 25.3 37.9



#4
Vinyl Chloride
Concen: 50.511 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 62 Resp: 672604
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0





#5

Bromomethane

Concen: 50.018 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

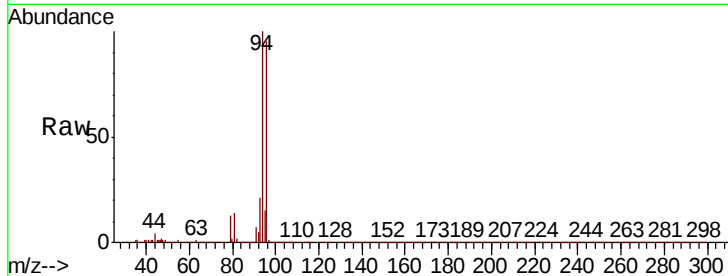
VSTDCCC050

Tot Ion: 94 Resp: 306999

Ion Ratio Lower Upper

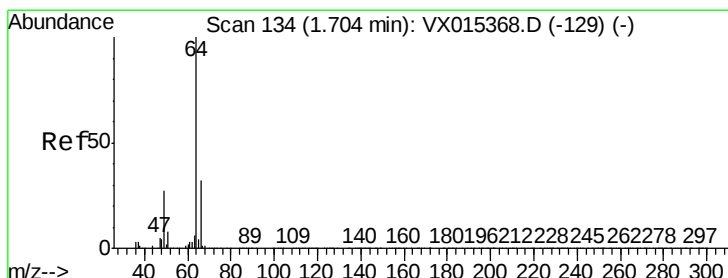
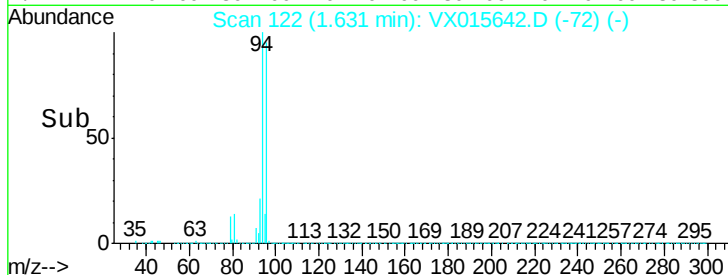
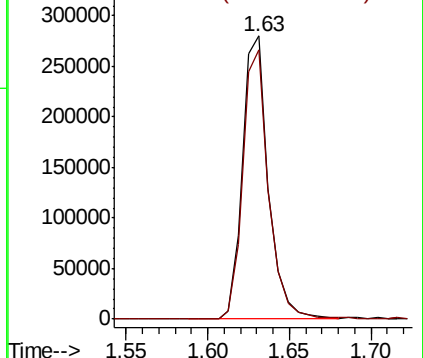
94 100

96 95.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.849 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015642.D

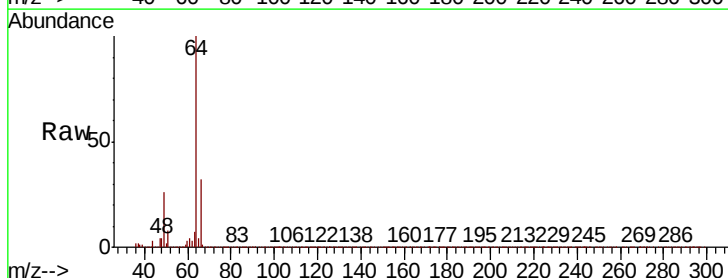
Acq: 13 Apr 2020 14:37

Tgt Ion: 64 Resp: 411682

Ion Ratio Lower Upper

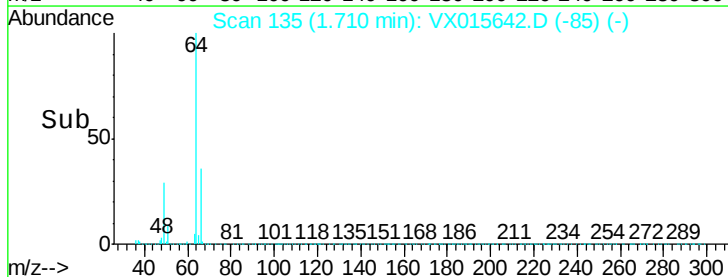
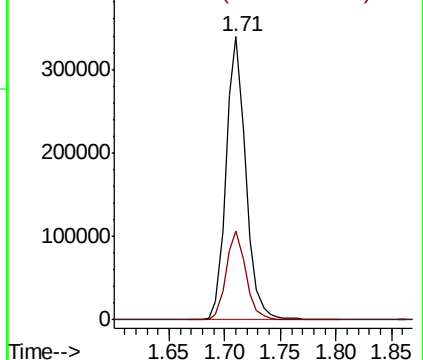
64 100

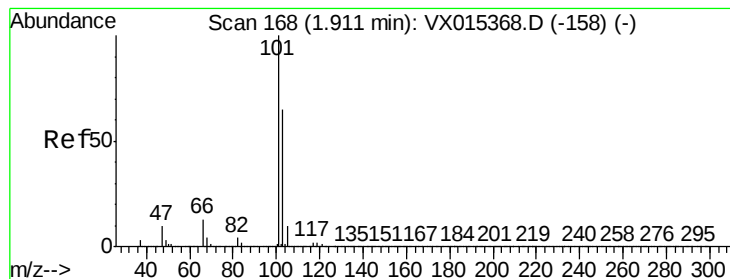
66 31.4 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



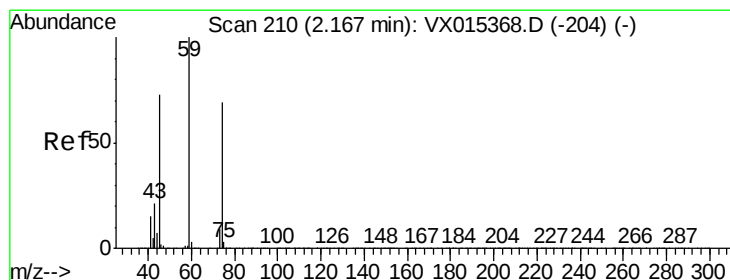
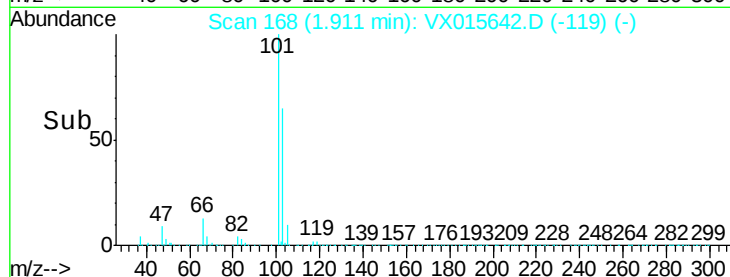
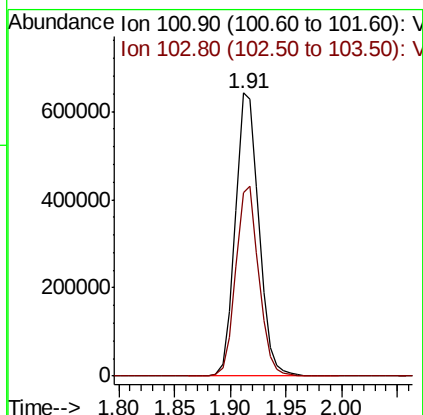
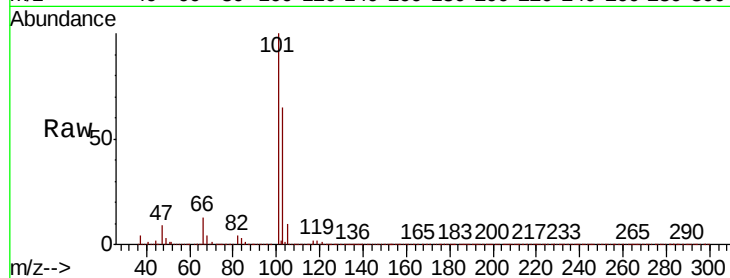


#7

Trichlorofluoromethane
Concen: 52.527 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
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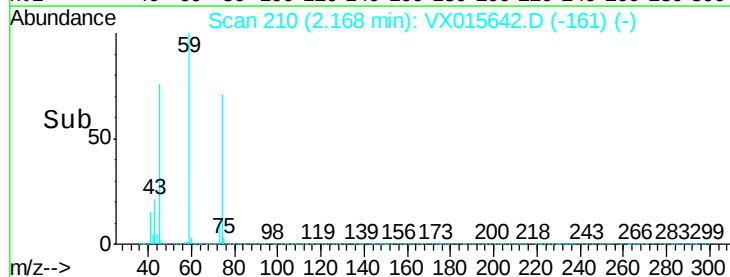
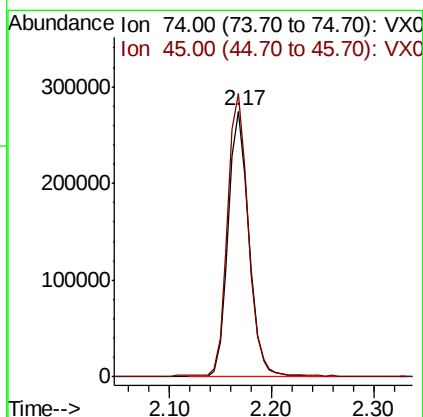
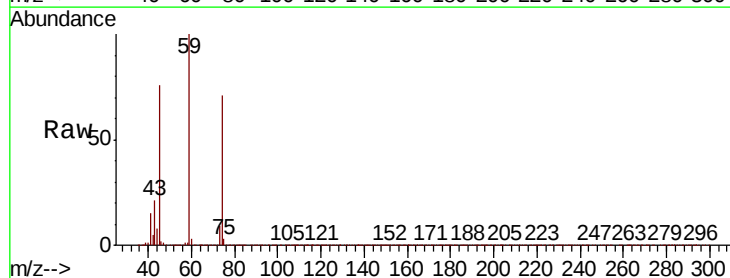
Tot Ion:101 Resp: 938007
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

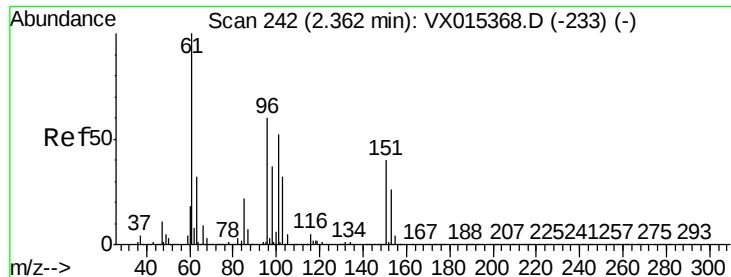


#8

Diethyl Ether
Concen: 50.824 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 74 Resp: 382815
Ion Ratio Lower Upper
74 100
45 106.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.359 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

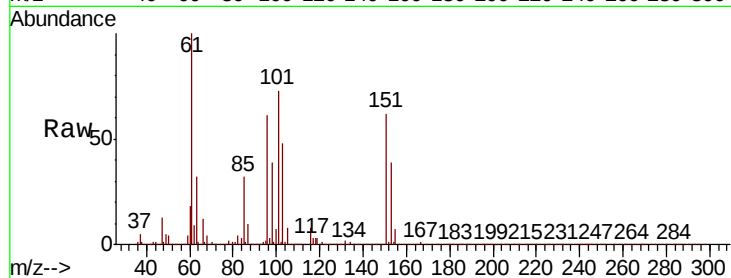
Tot Ion:101 Resp: 632820

Ion Ratio Lower Upper

101 100

85 43.6 35.0 52.4

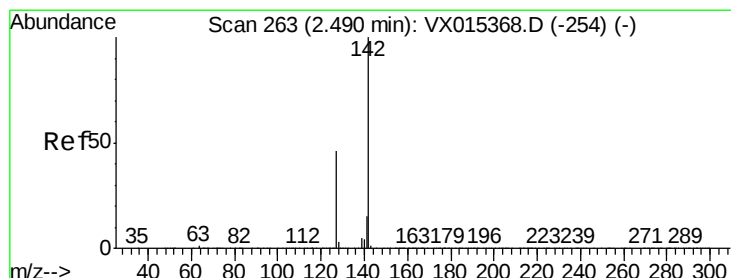
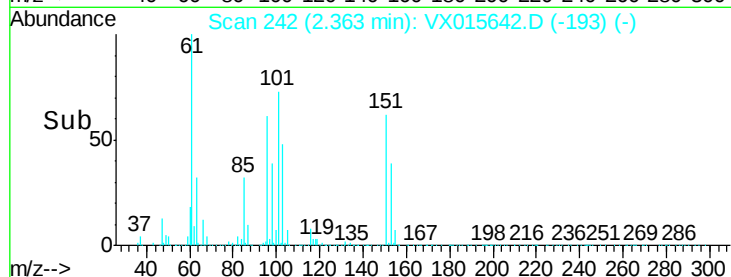
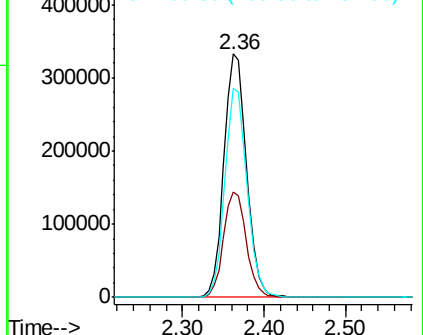
151 84.3 64.1 96.1



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: 49.286 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

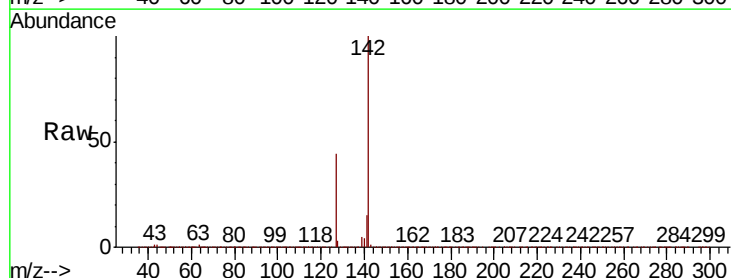
Tgt Ion:142 Resp: 773571

Ion Ratio Lower Upper

142 100

127 43.7 35.9 53.9

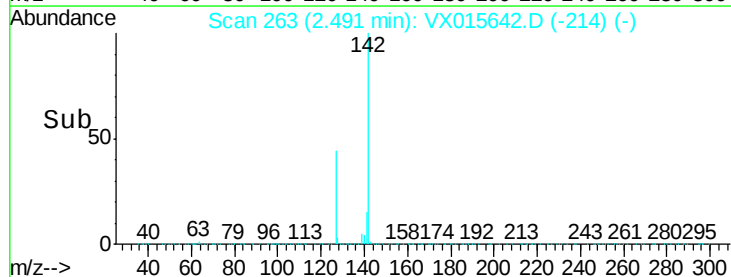
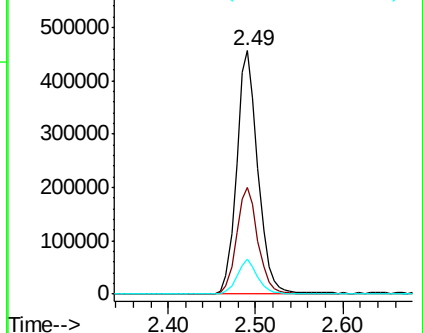
141 13.8 11.6 17.4

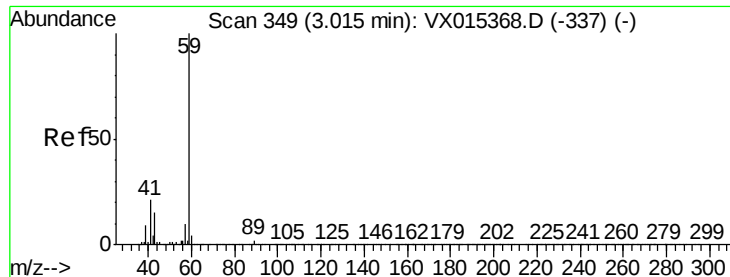


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



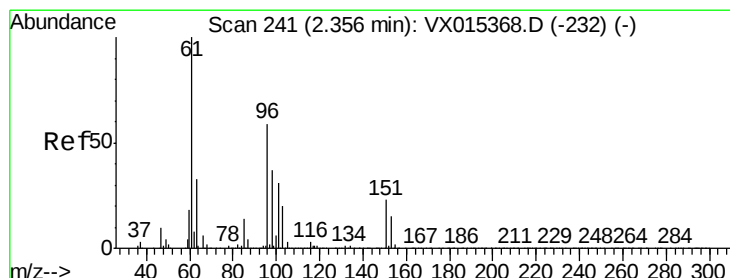
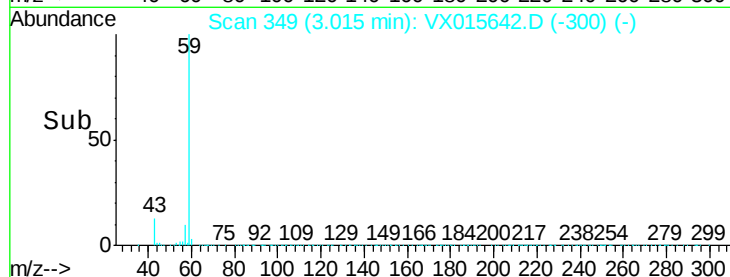
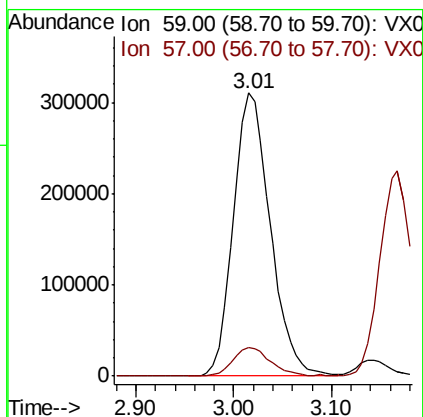
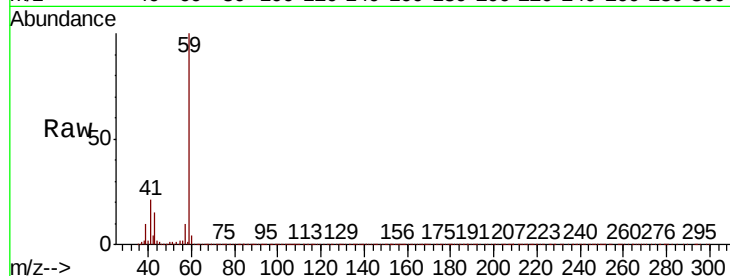


#11

Tert butyl alcohol
Concen: 185.965 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

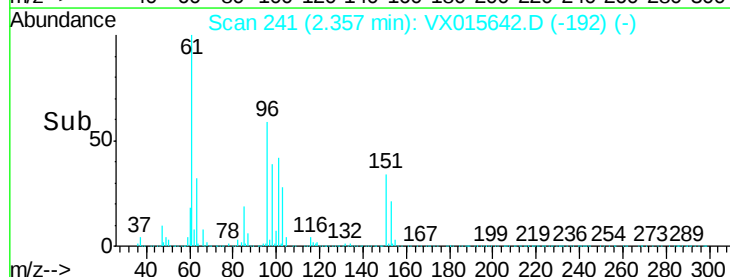
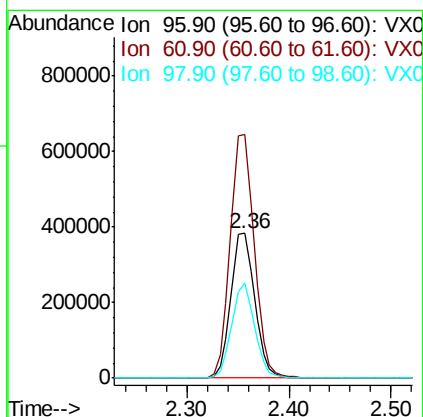
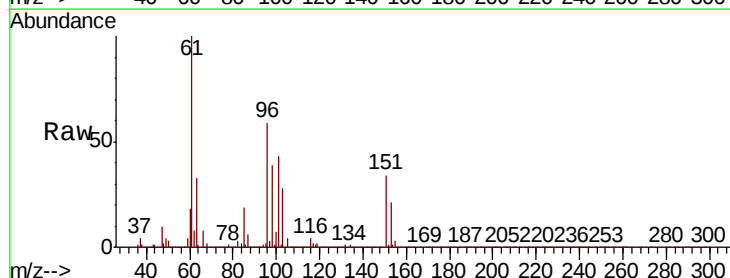
Tot Ion: 59 Resp: 811436
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

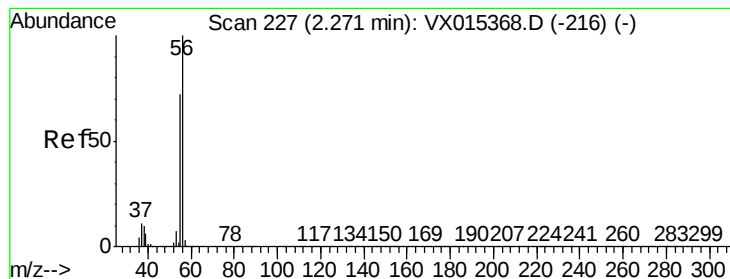


#12

1,1-Dichloroethene
Concen: 50.499 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 96 Resp: 616227
Ion Ratio Lower Upper
96 100
61 168.2 135.7 203.5
98 65.5 50.6 75.8





#13

Acrolein

Concen: 95.412 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

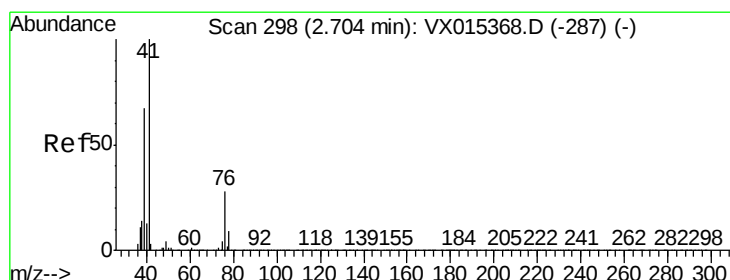
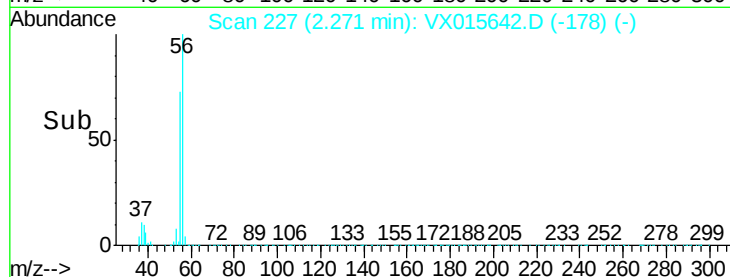
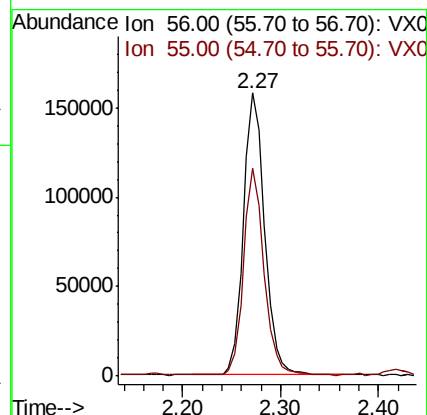
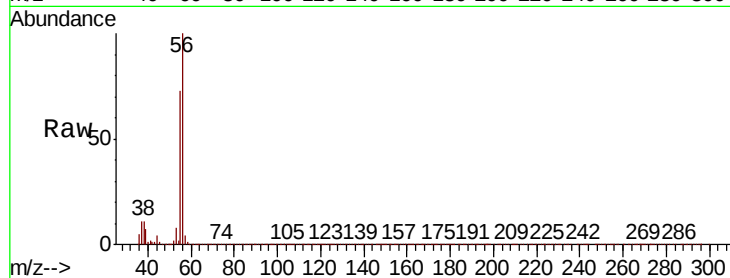
VSTDCCC050

Tot Ion: 56 Resp: 237154

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 46.222 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

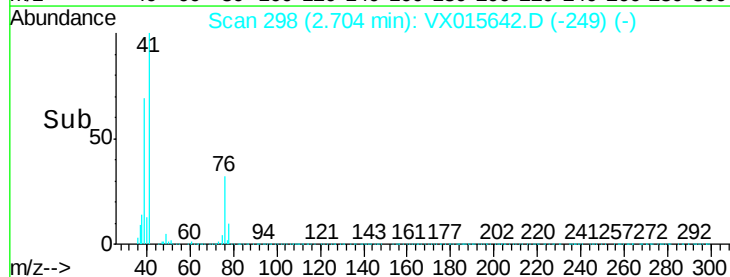
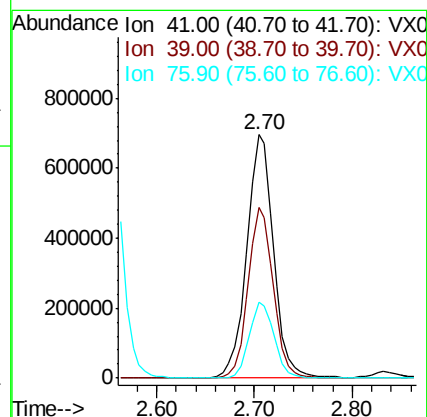
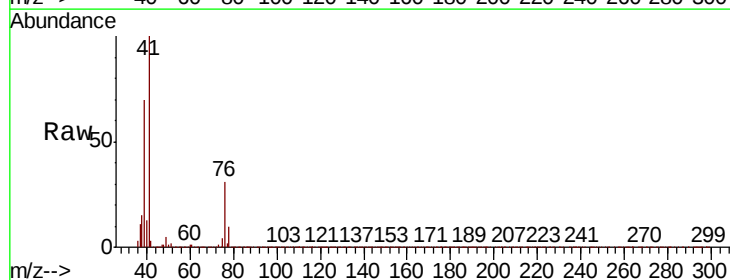
Tgt Ion: 41 Resp: 1317940

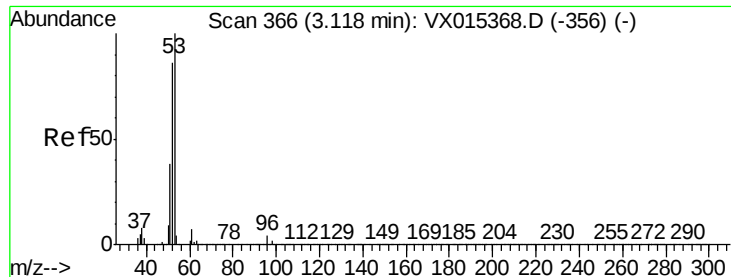
Ion Ratio Lower Upper

41 100

39 65.8 51.4 77.0

76 28.9 21.8 32.8





#15

Acrylonitrile

Concen: 225.654 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

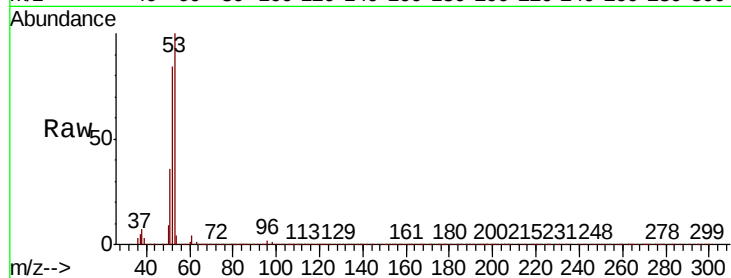
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1877732

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.8	100.2
51	36.9	29.5	44.3

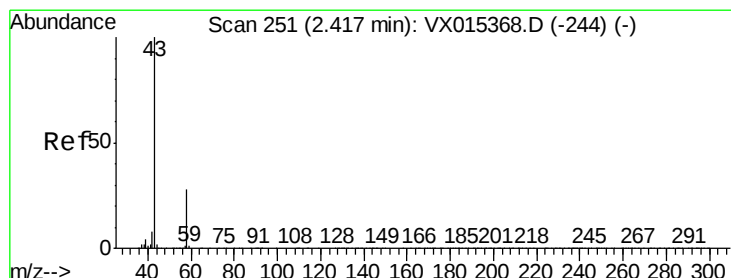
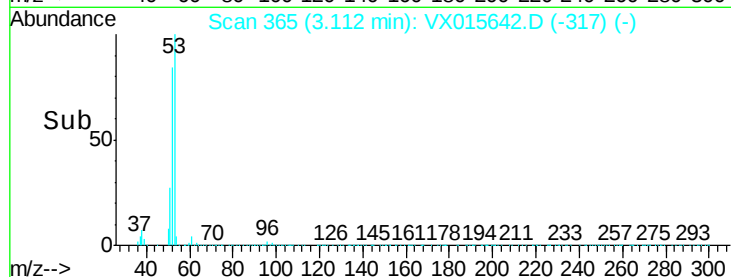
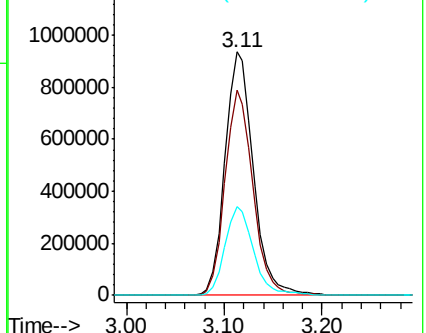


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 218.460 ug/l

RT: 2.42 min Scan# 251

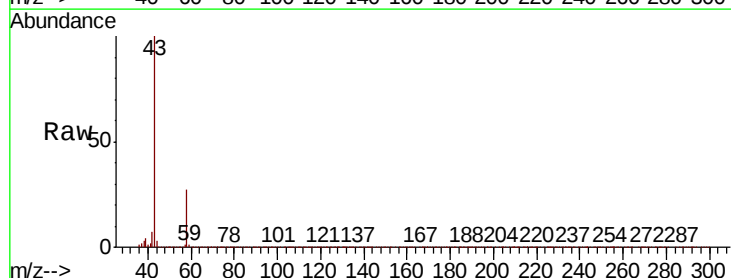
Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion: 43 Resp: 1710957

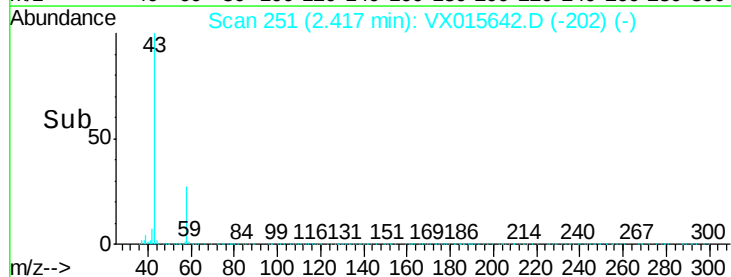
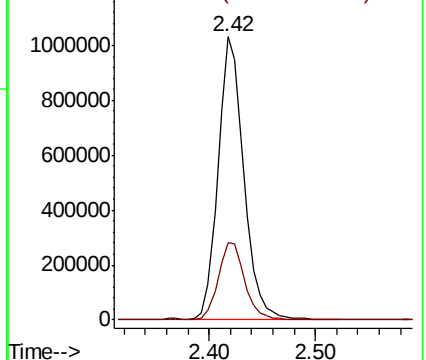
Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.1	33.1

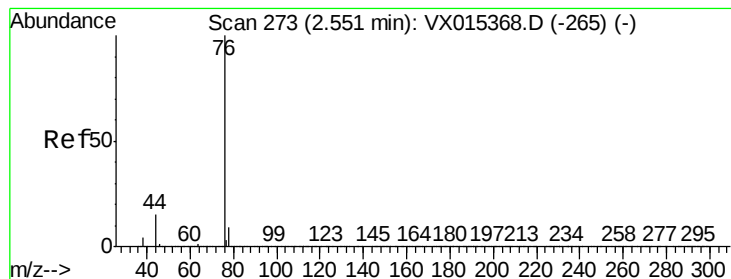


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.189 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

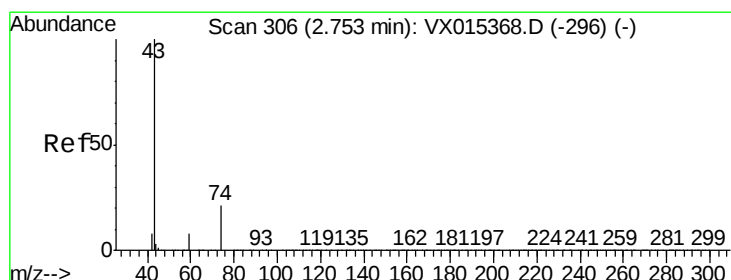
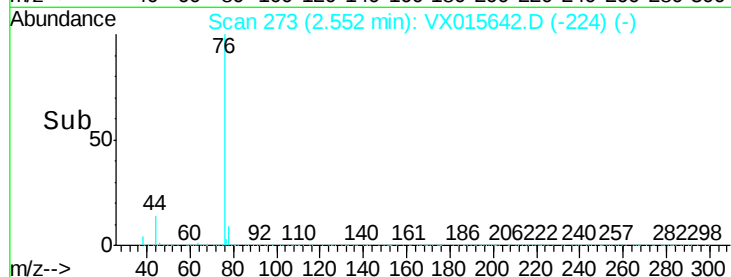
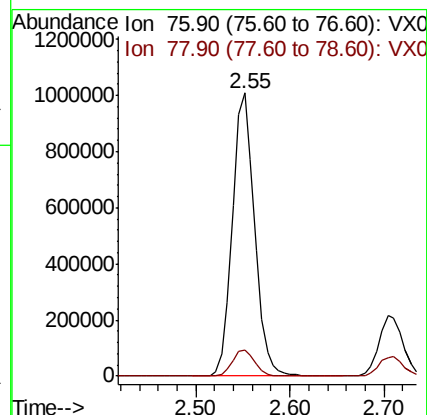
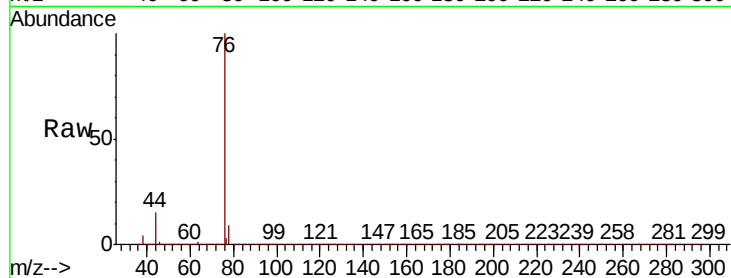
VSTDCCC050

Tot Ion: 76 Resp: 1644951

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 46.581 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015642.D

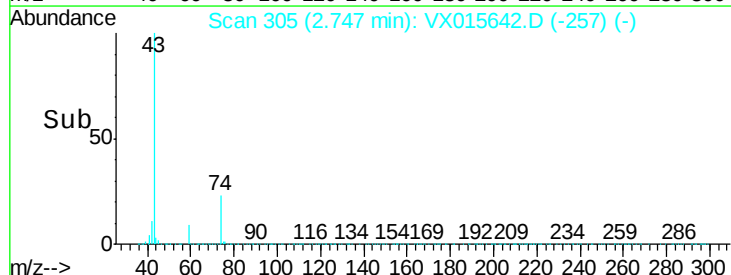
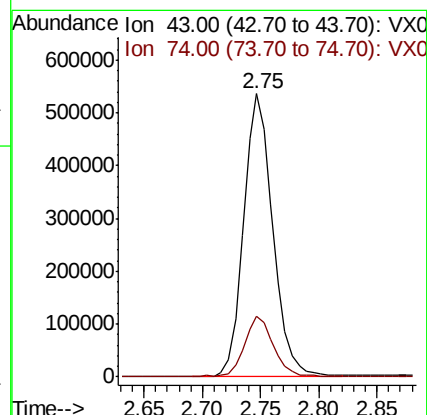
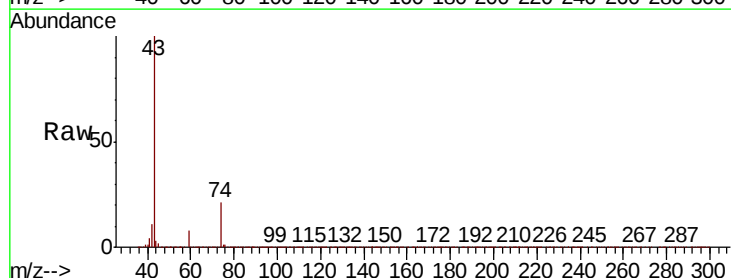
Acq: 13 Apr 2020 14:37

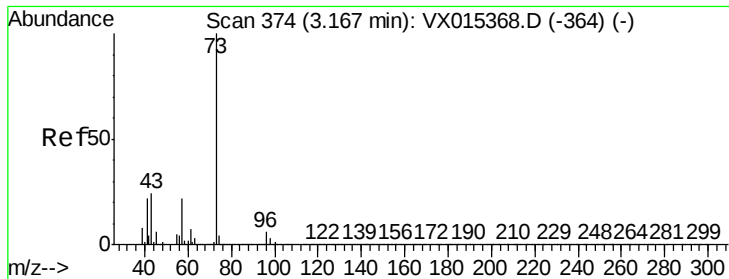
Tgt Ion: 43 Resp: 931118

Ion Ratio Lower Upper

43 100

74 21.6 16.5 24.7

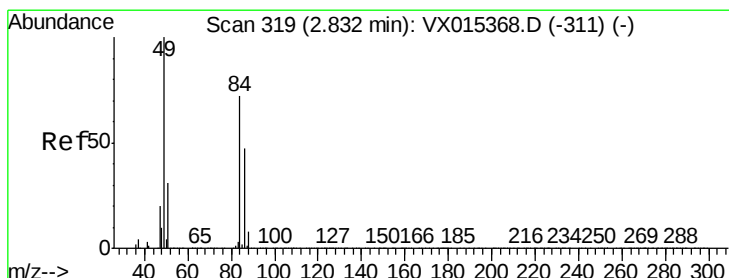
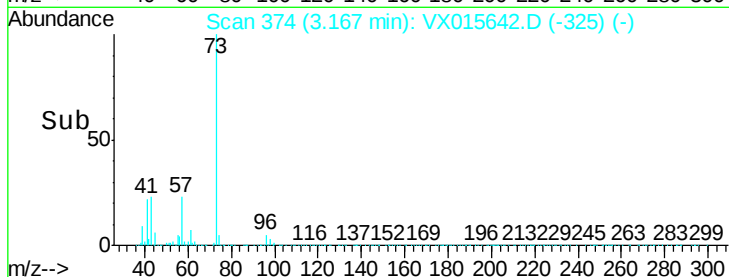
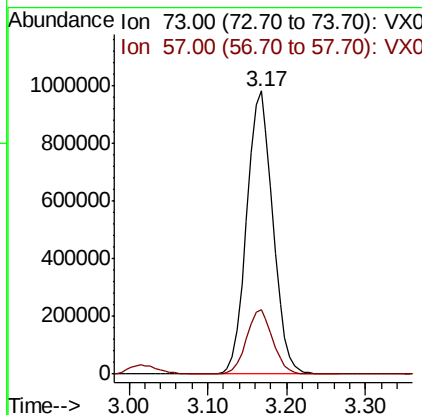
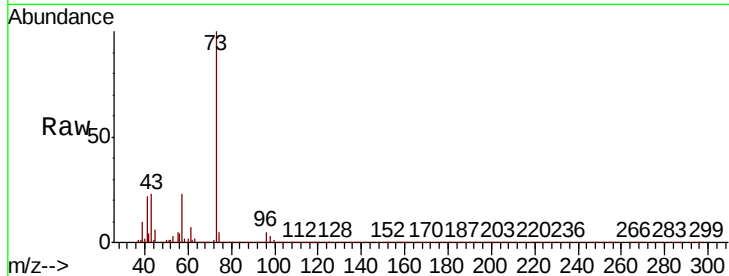




#19
Methyl tert-butyl Ether
Concen: 47.777 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

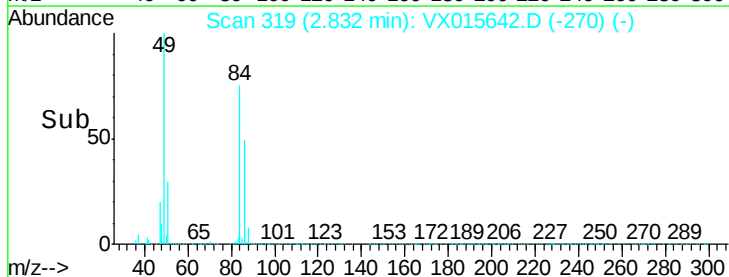
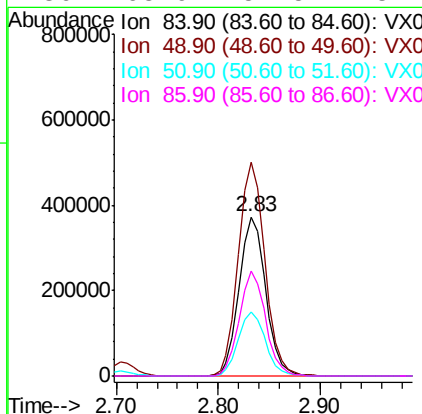
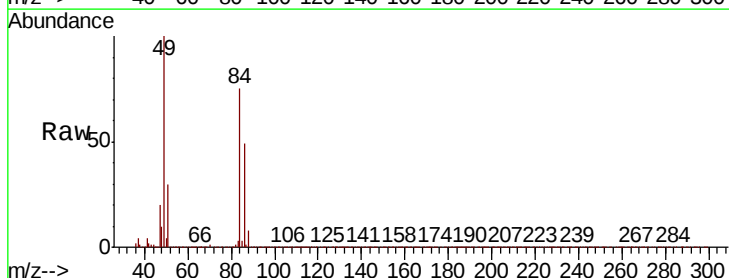
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

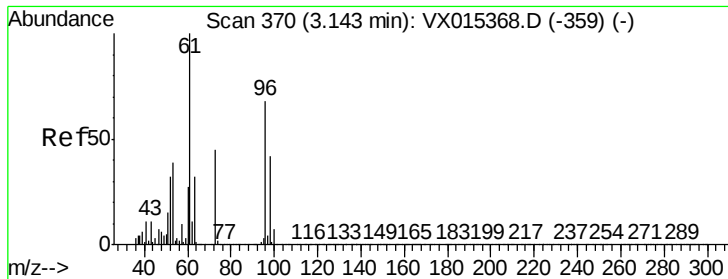
Tot Ion: 73 Resp: 2261157
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9



#20
Methylene Chloride
Concen: 45.845 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 84 Resp: 670660
Ion Ratio Lower Upper
84 100
49 134.2 111.3 166.9
51 39.9 34.0 51.0
86 65.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.673 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

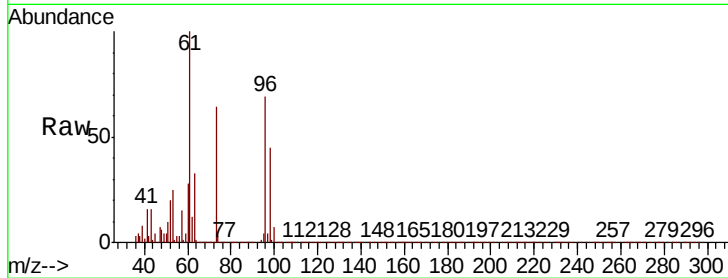
Tot Ion: 96 Resp: 659173

Ion Ratio Lower Upper

96 100

61 144.9 116.9 175.3

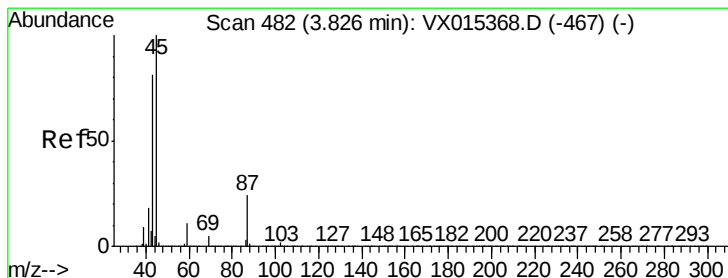
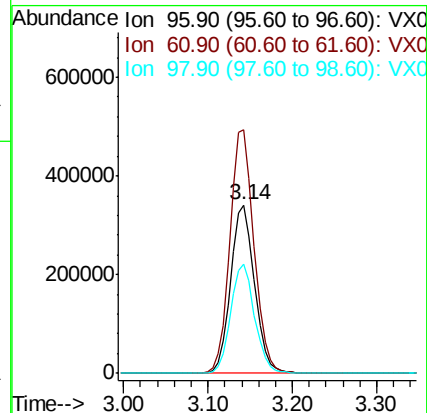
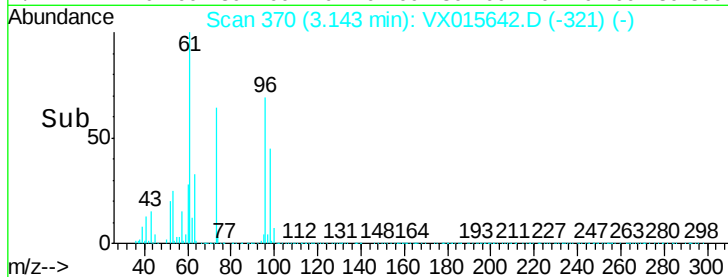
98 64.9 48.6 73.0



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: 48.646 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion: 45 Resp: 2457832

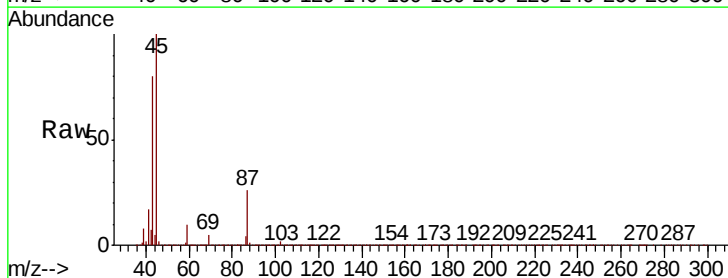
Ion Ratio Lower Upper

45 100

43 80.0 64.7 97.1

87 25.6 19.4 29.0

59 10.3 8.7 13.1

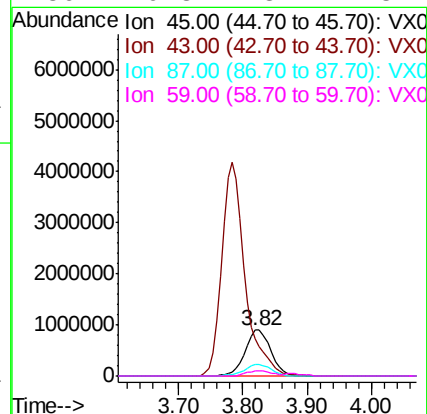
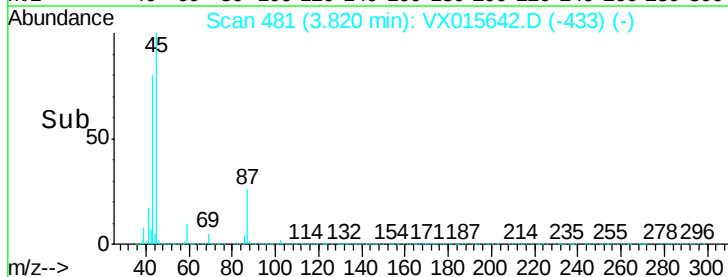


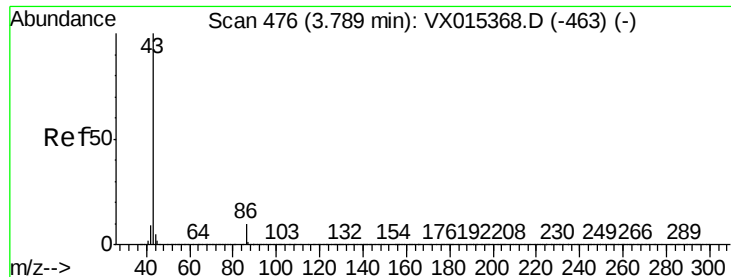
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 233.080 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

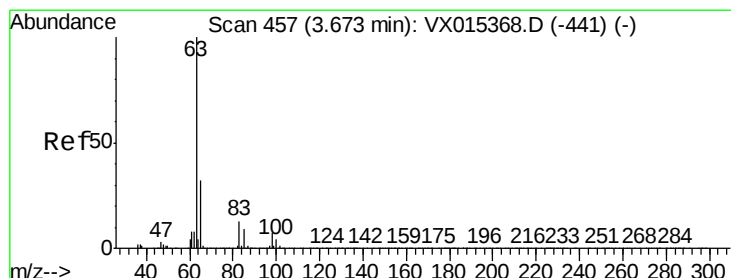
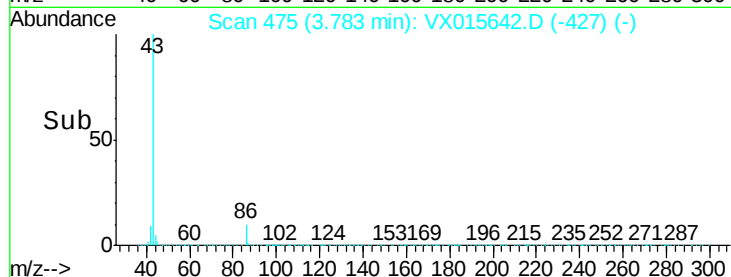
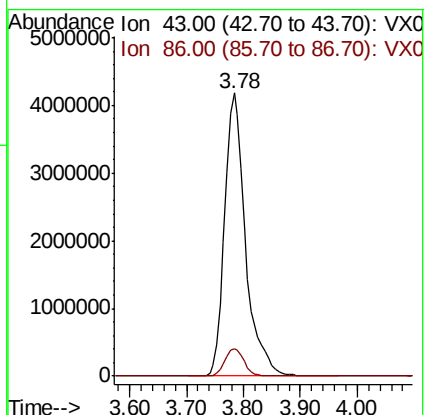
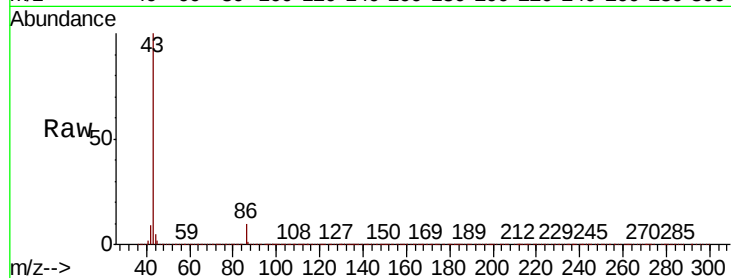
VSTDCCC050

Tot Ion: 43 Resp:10662360

Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.6



#24

1,1-Dichloroethane

Concen: 47.444 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

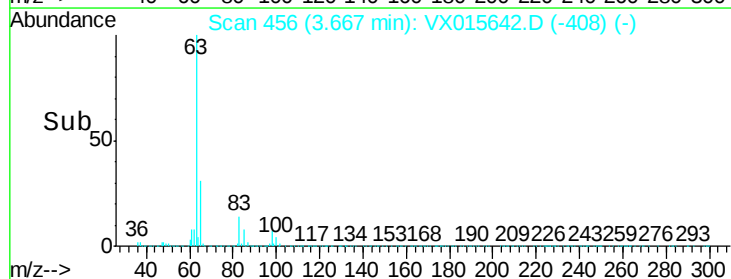
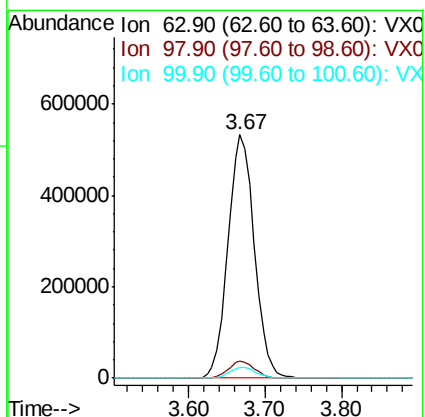
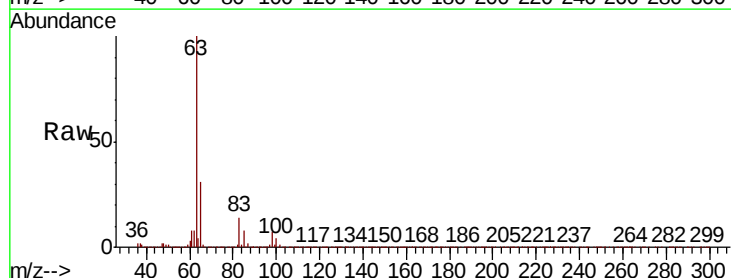
Tgt Ion: 63 Resp: 1262106

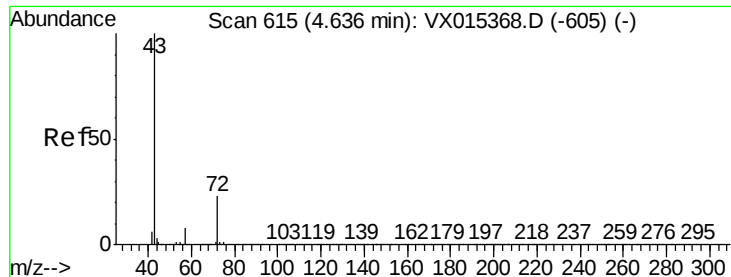
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.4 2.1 6.5

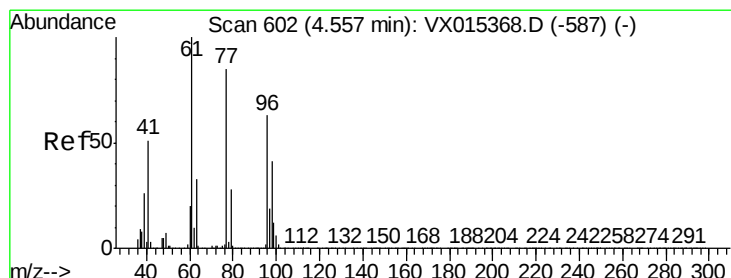
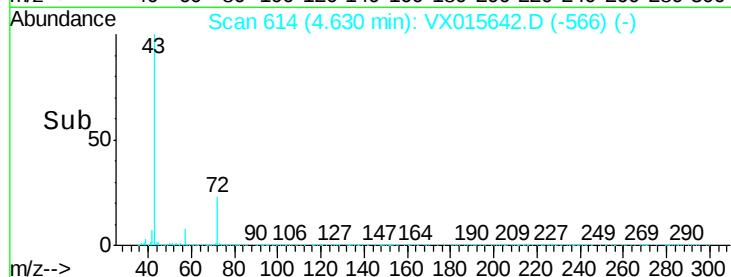
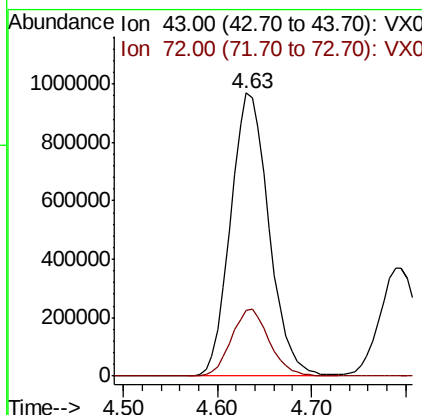
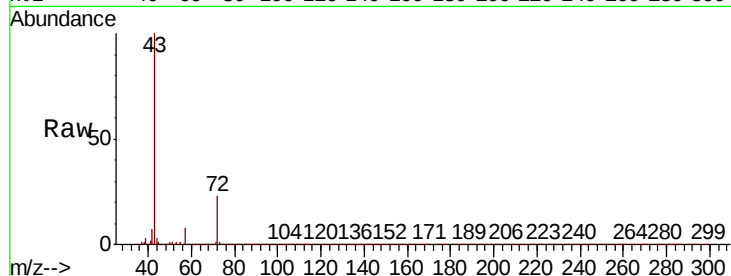




#25
2-Butanone
Concen: 217.270 ug/l
RT: 4.63 min Scan# 614
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

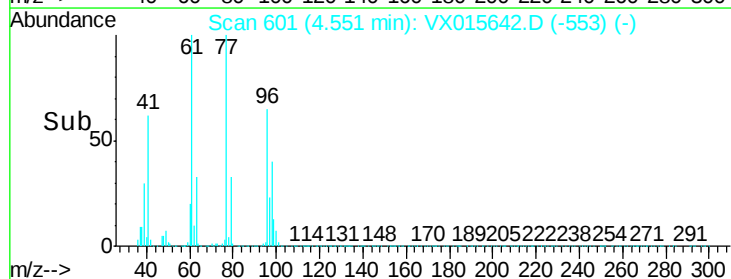
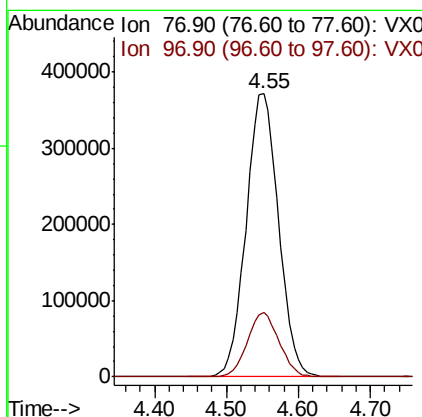
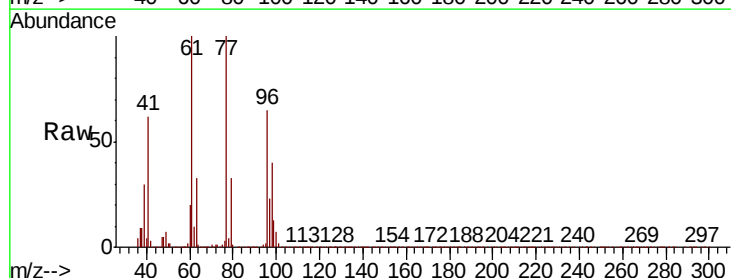
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

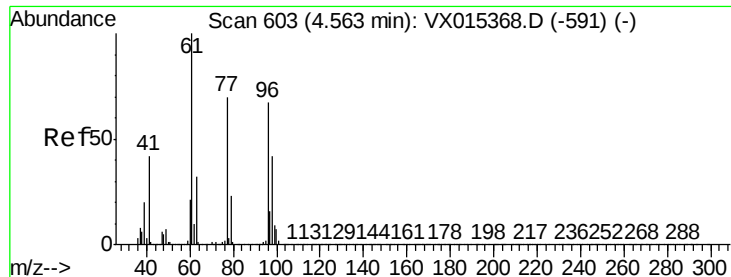
Tot Ion: 43 Resp: 2736597
Ion Ratio Lower Upper
43 100
72 23.3 19.0 28.4



#26
2,2-Dichloropropane
Concen: 53.329 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 77 Resp: 1164465
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8



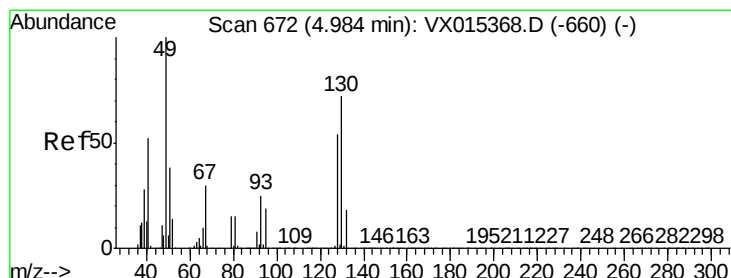
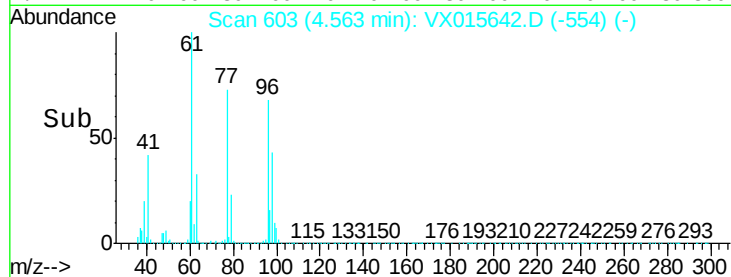
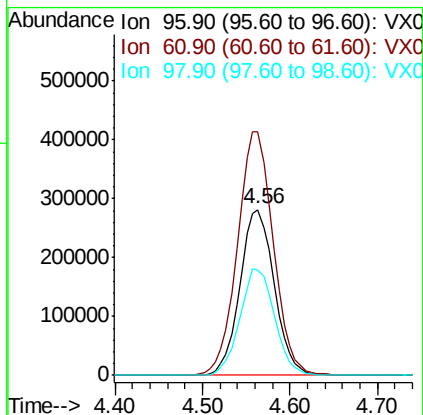
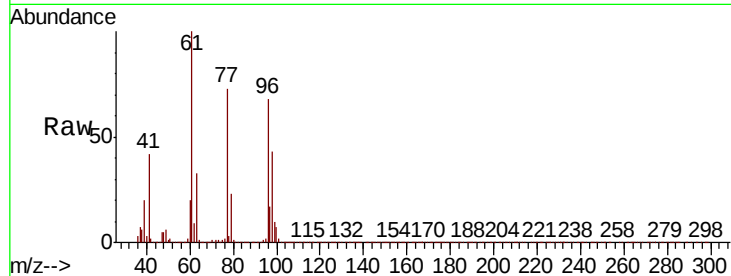


#27

cis-1,2-Dichloroethene
Concen: 49.160 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

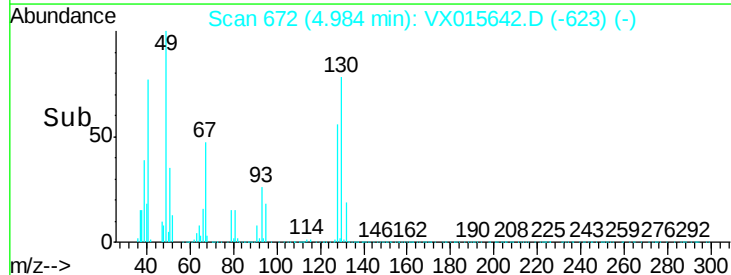
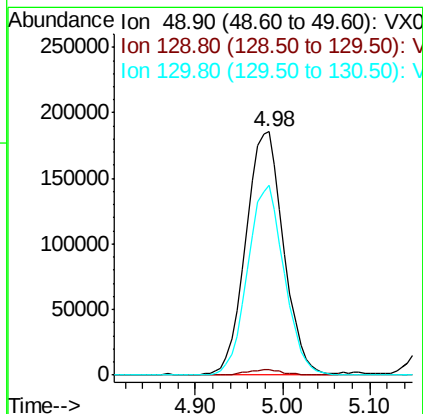
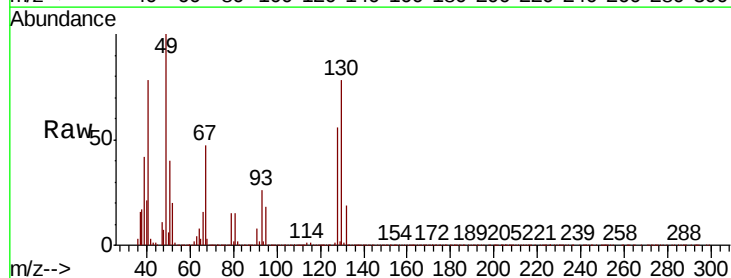
Tot Ion	96	Resp	770251
Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	308.4
98	65.0	0.0	129.2

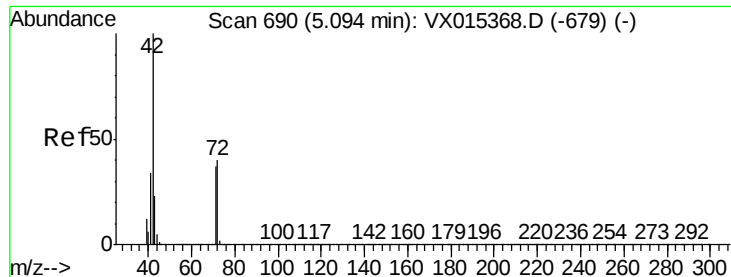


#28

Bromochloromethane
Concen: 43.721 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	49	Resp	555300
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	75.7	57.7	86.5





#29

Tetrahydrofuran

Concen: 215.259 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

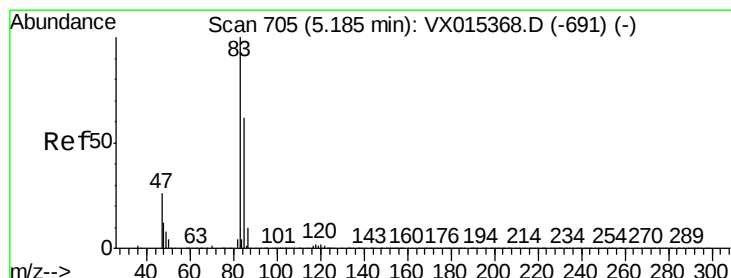
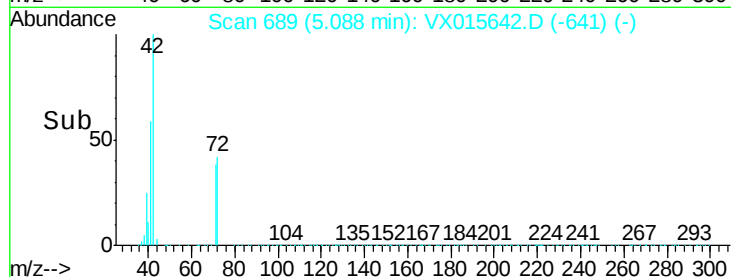
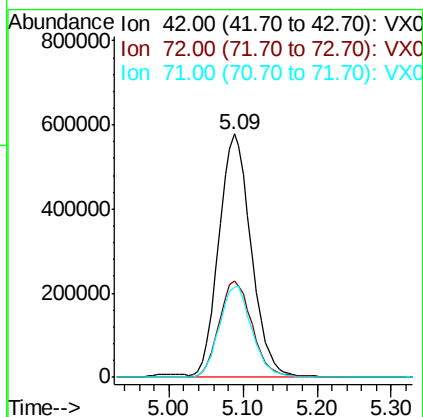
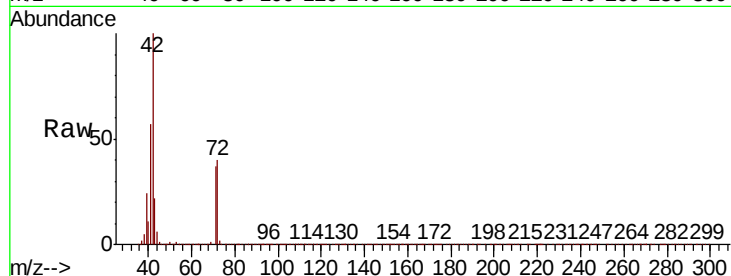
Tot Ion: 42 Resp: 1743004

Ion Ratio Lower Upper

42 100

72 41.0 31.7 47.5

71 37.7 29.6 44.4



#30

Chloroform

Concen: 48.850 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015642.D

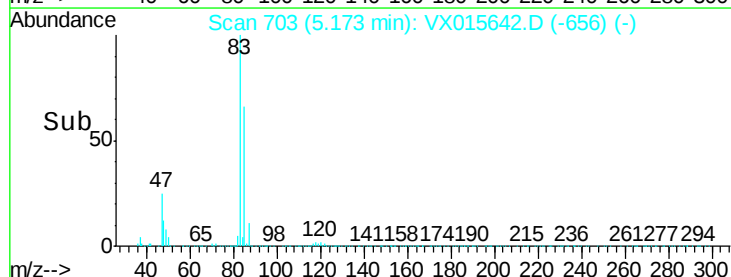
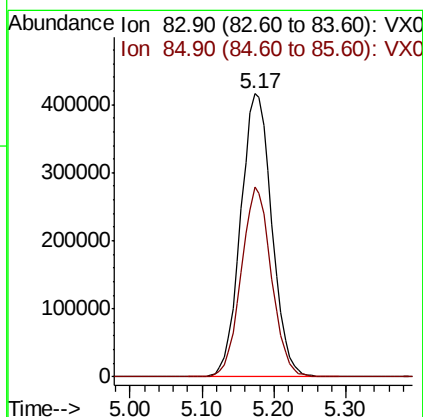
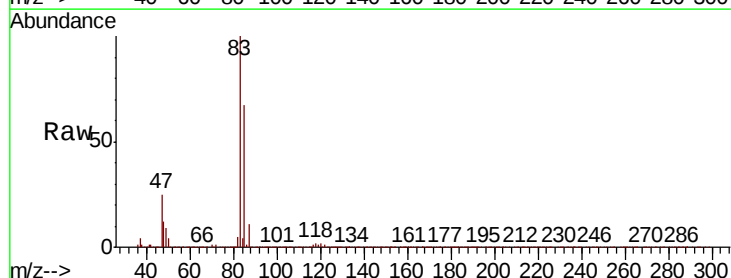
Acq: 13 Apr 2020 14:37

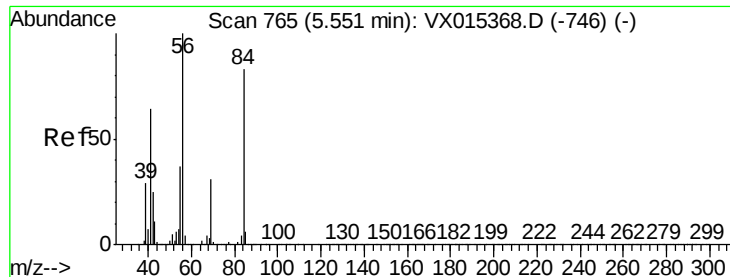
Tgt Ion: 83 Resp: 1250244

Ion Ratio Lower Upper

83 100

85 66.8 49.5 74.3

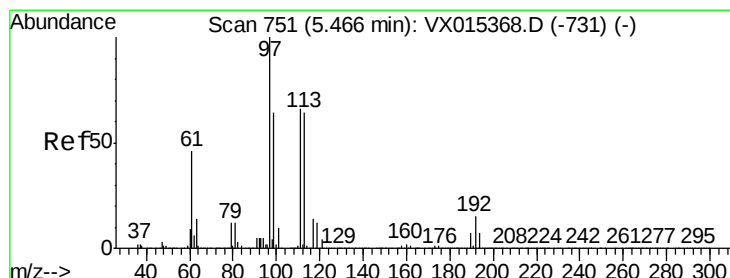
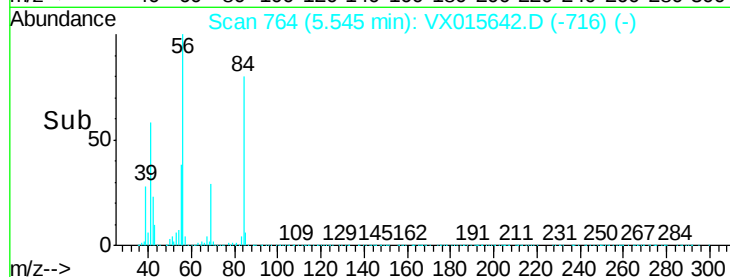
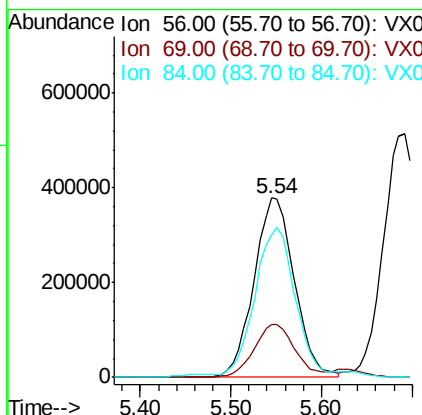
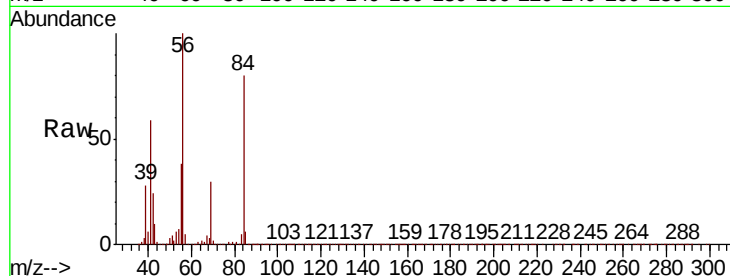




#31
Cyclohexane
Concen: 50.371 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

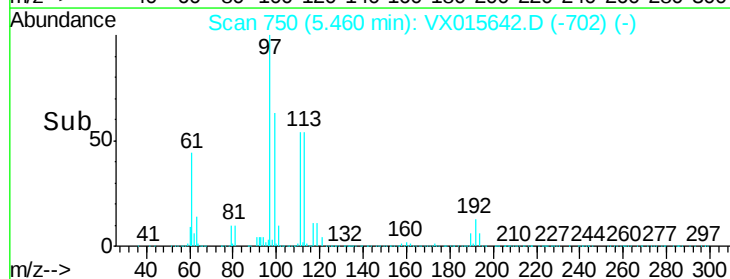
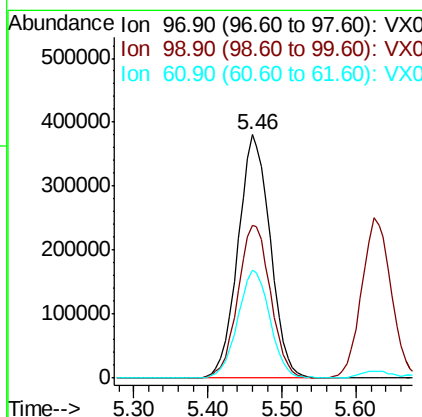
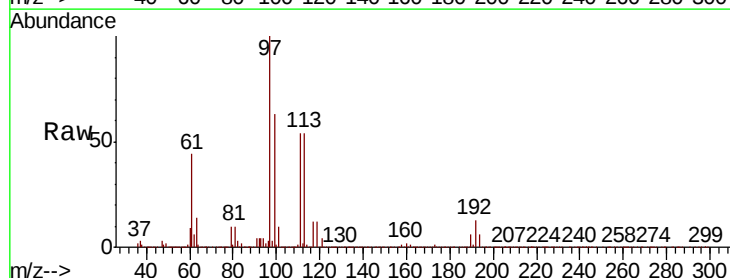
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

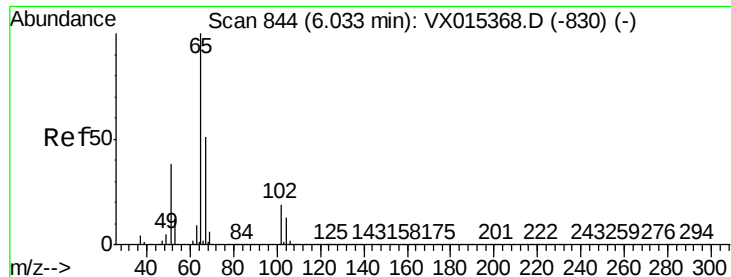
Tot Ion: 56 Resp: 1162421
Ion Ratio Lower Upper
56 100
69 29.5 24.6 36.8
84 78.4 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 49.847 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 97 Resp: 1154556
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 44.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 41.453 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

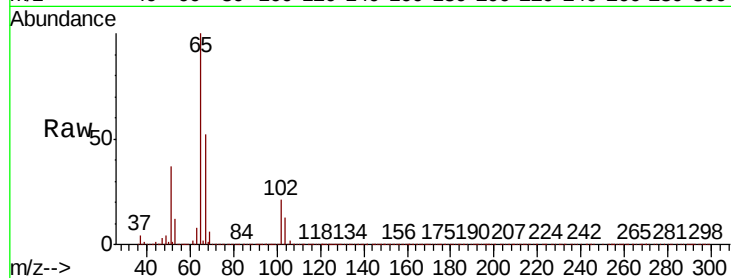
VSTDCCC050

Tot Ion: 65 Resp: 755678

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

200000

100000

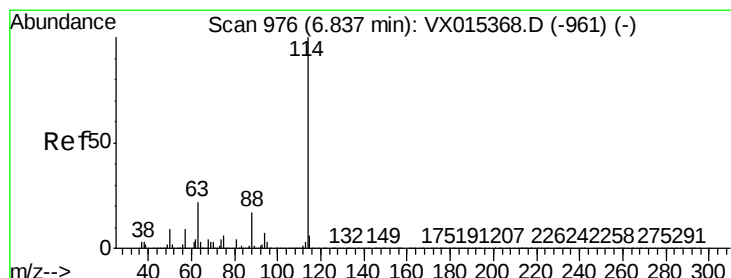
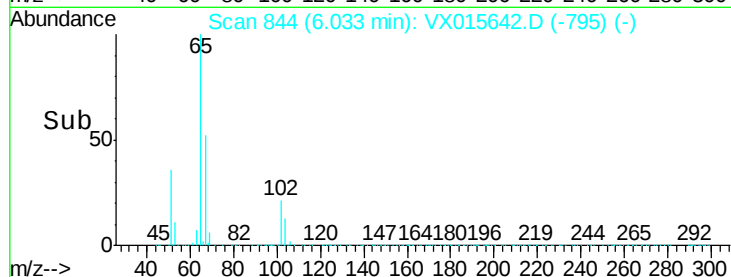
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 974

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

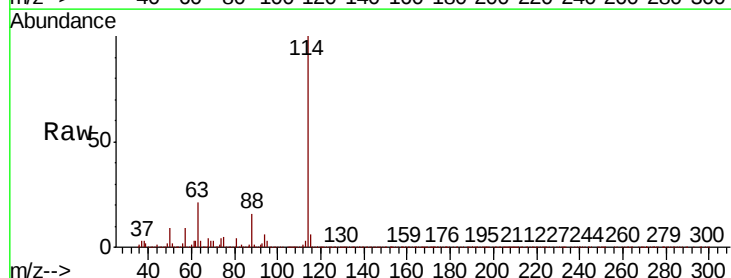
Tgt Ion: 114 Resp: 1853747

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

88 16.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

1000000

800000

600000

400000

200000

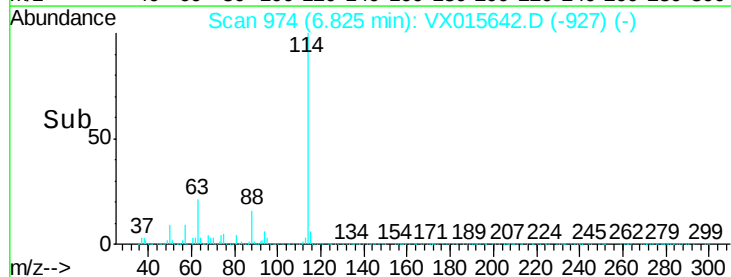
0

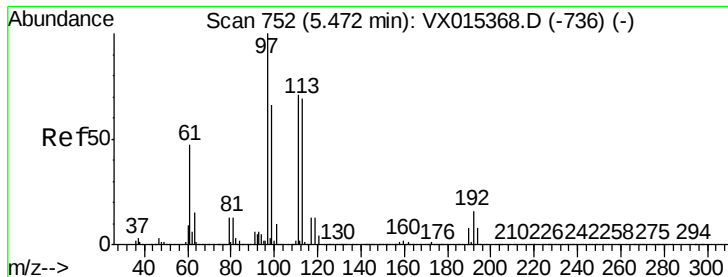
Time-->

6.70

6.80

6.90





#35

Dibromofluoromethane

Concen: 49.875 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

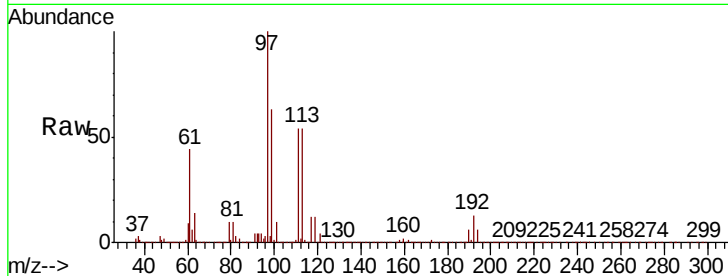
Tot Ion:113 Resp: 590998

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

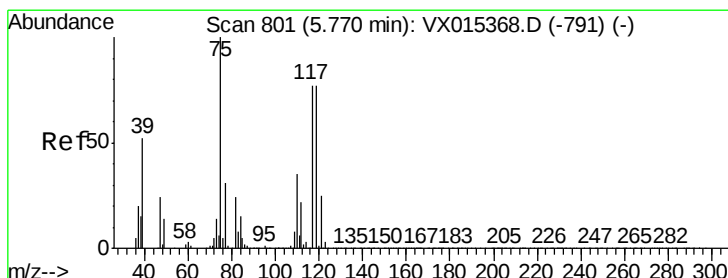
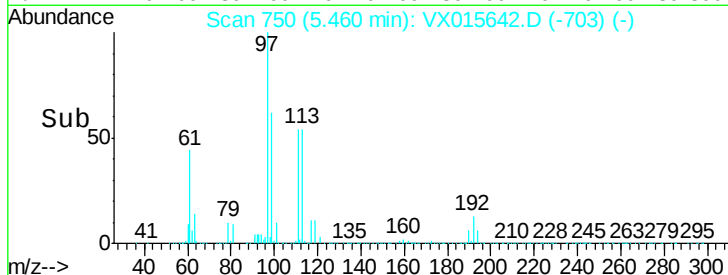
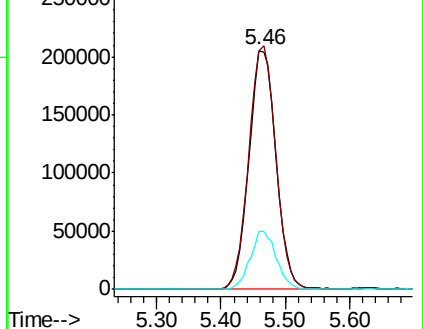
192 23.2 17.8 26.6



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: 56.027 ug/l

RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

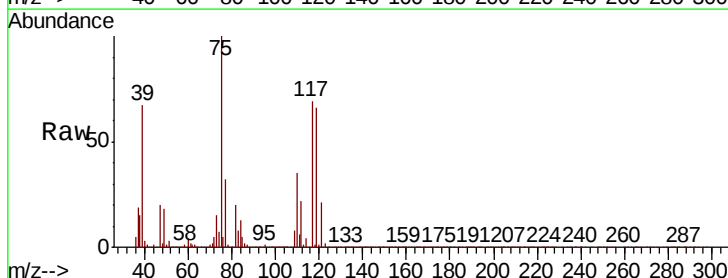
Tgt Ion: 75 Resp: 956958

Ion Ratio Lower Upper

75 100

110 35.3 17.1 51.3

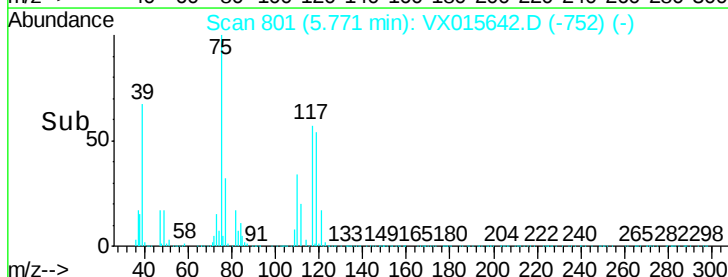
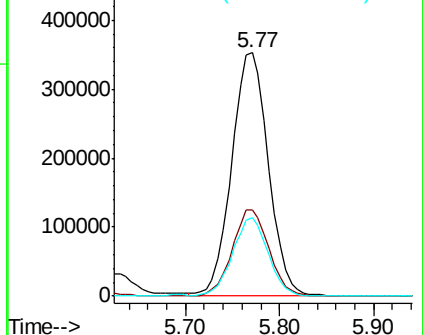
77 31.0 24.6 36.8



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: 48.787 ug/l

RT: 4.79 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

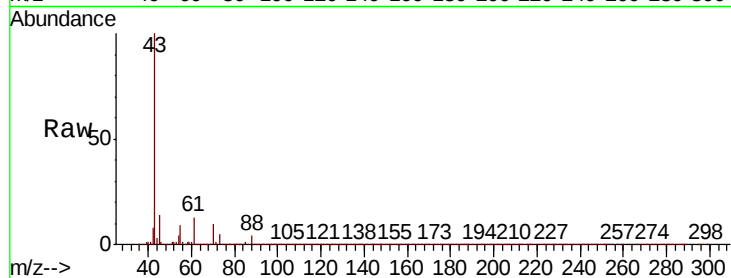
Tot Ion: 43 Resp: 1085007

Ion Ratio Lower Upper

43 100

61 12.5 9.9 14.9

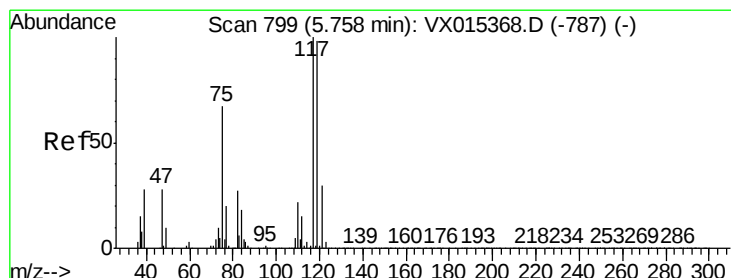
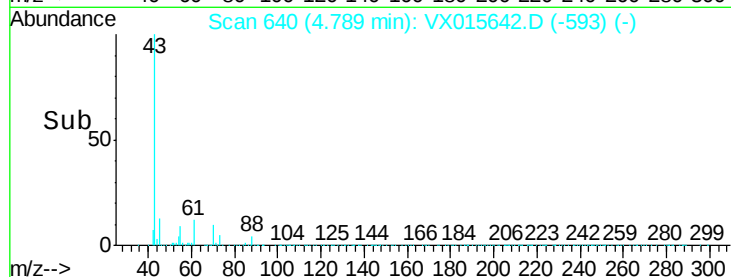
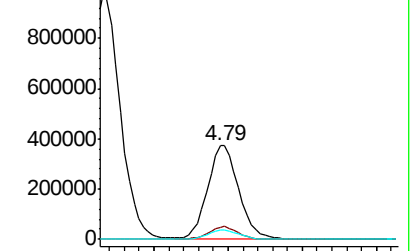
70 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX015368.D (-631) (-)

Ion 60.90 (60.60 to 61.60): VX015368.D (-631) (-)

Ion 70.00 (69.70 to 70.70): VX015368.D (-631) (-)



#38

Carbon Tetrachloride

Concen: 55.331 ug/l

RT: 5.75 min Scan# 798

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

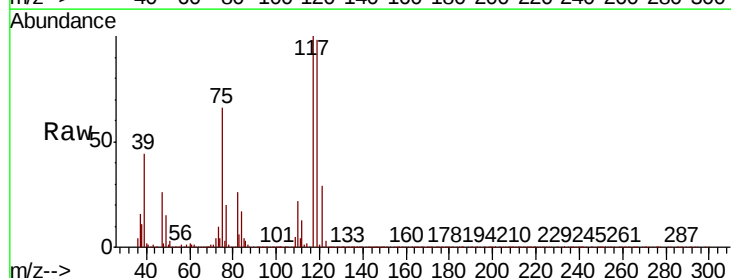
Tgt Ion: 117 Resp: 1023603

Ion Ratio Lower Upper

117 100

119 97.9 78.0 117.0

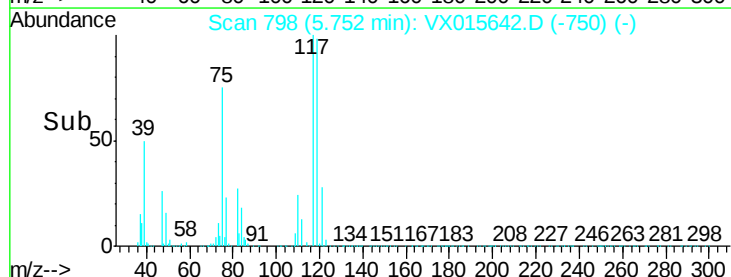
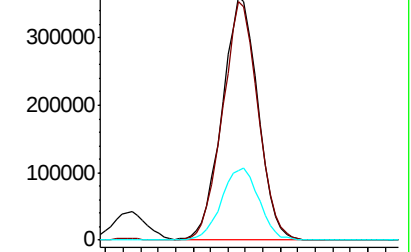
121 28.5 23.8 35.8

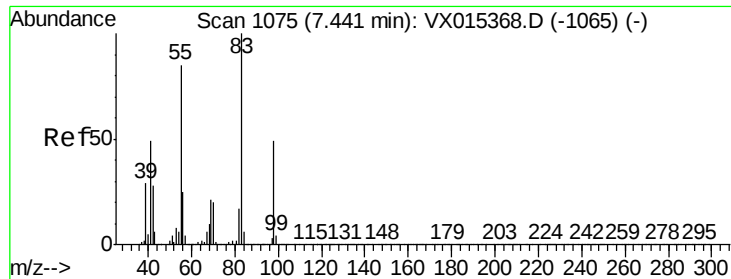


Abundance Ion 116.80 (116.50 to 117.50): VX015368.D (-787) (-)

Ion 118.80 (118.50 to 119.50): VX015368.D (-787) (-)

Ion 120.80 (120.50 to 121.50): VX015368.D (-787) (-)



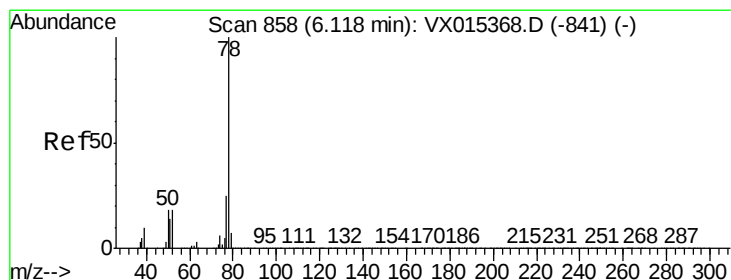
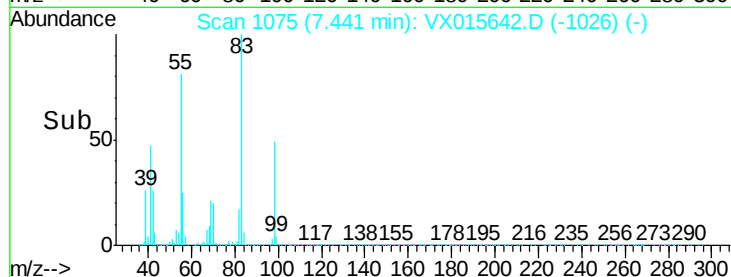
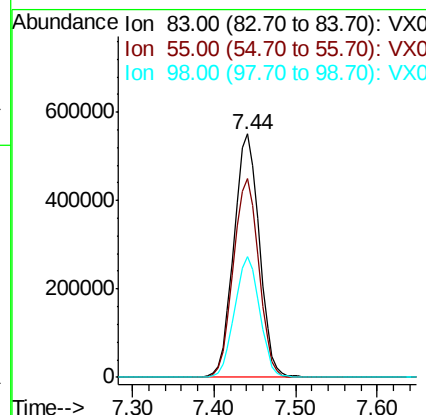
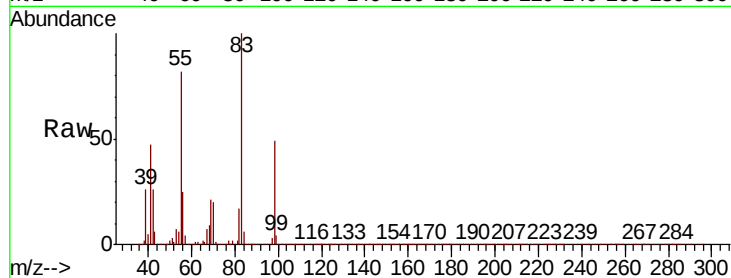


#39
Methvlcvclohexane
Concen: 59.967 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 1180967

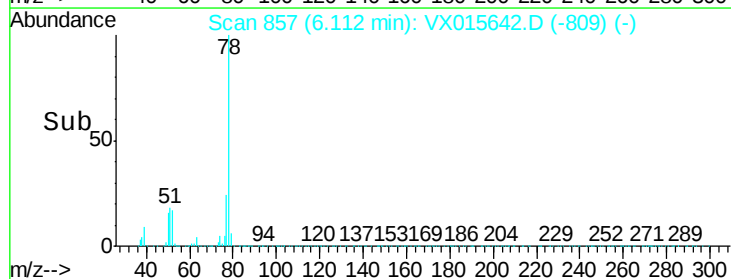
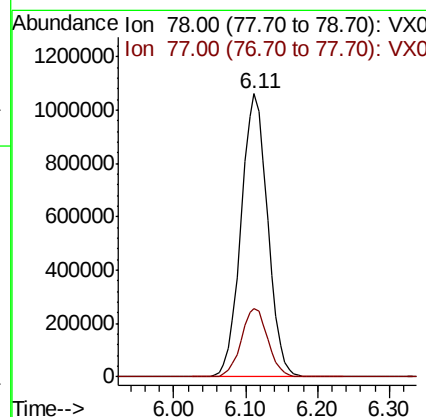
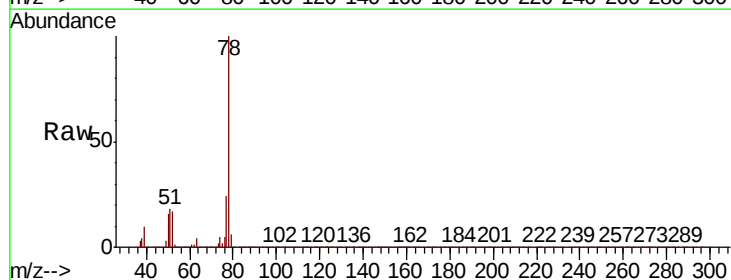
Ion	Ratio	Lower	Upper
83	100		
55	81.4	67.8	101.6
98	49.3	39.3	58.9

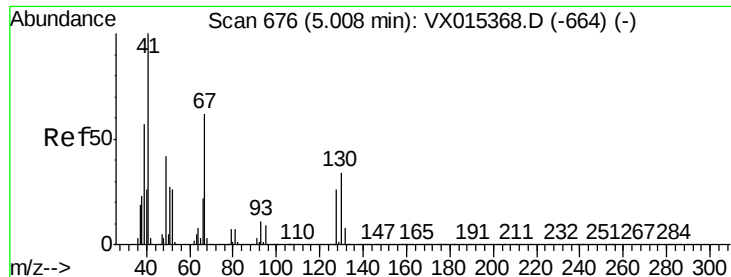


#40
Benzene
Concen: 54.373 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 78 Resp: 2720448

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.8

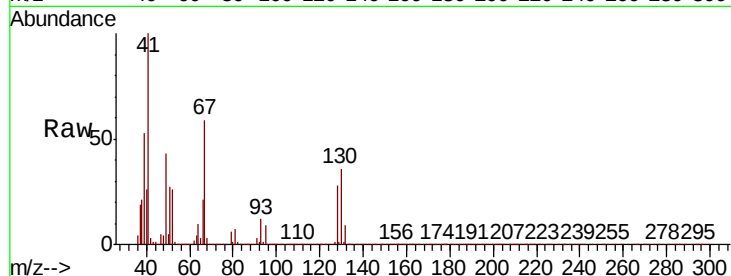




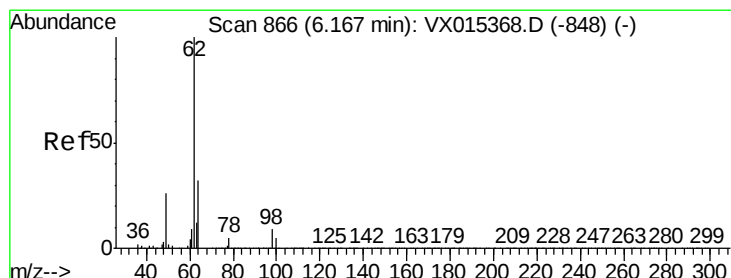
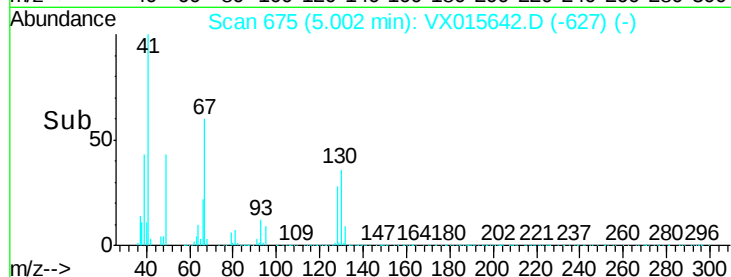
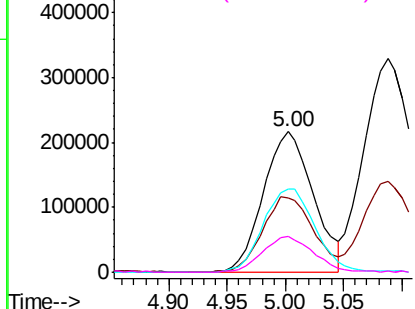
#41
Methacrylonitrile
Concen: 51.969 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	641586
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.5	66.7
67	61.6	48.9	73.3
52	25.6	21.8	32.6

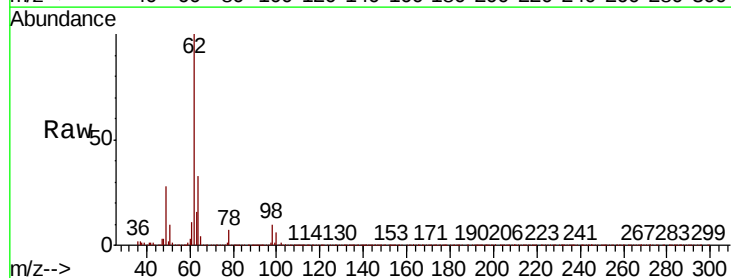


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

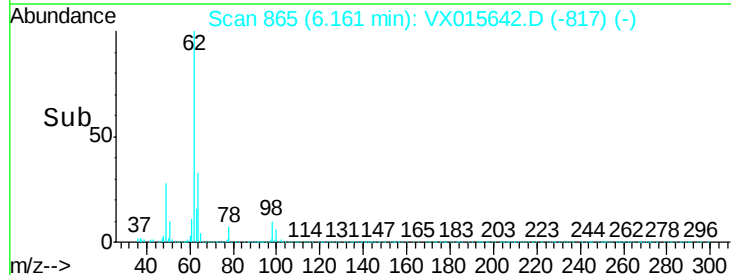
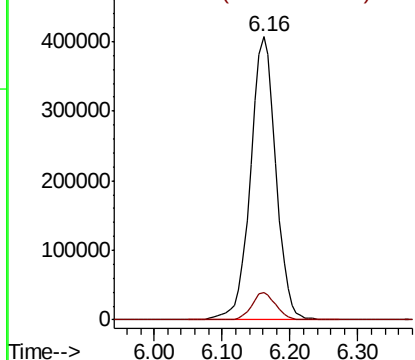


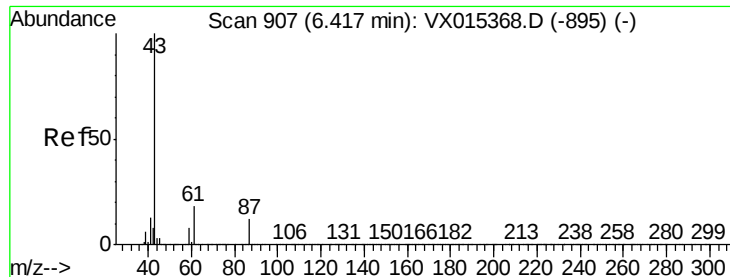
#42
1,2-Dichloroethane
Concen: 52.370 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:	62	Resp:	1052485
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6



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



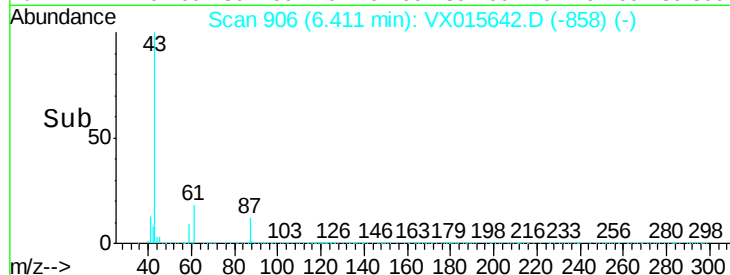
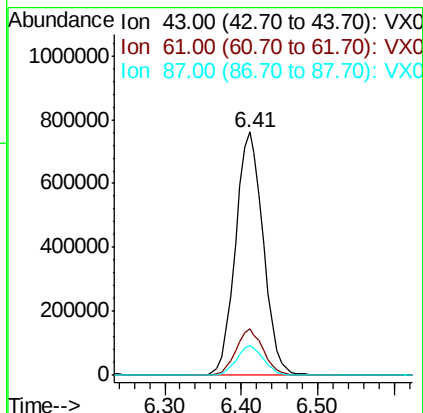
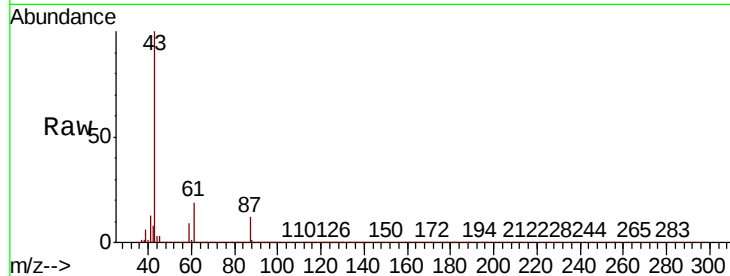


#43

Isopropyl Acetate
 Concen: 50.580 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

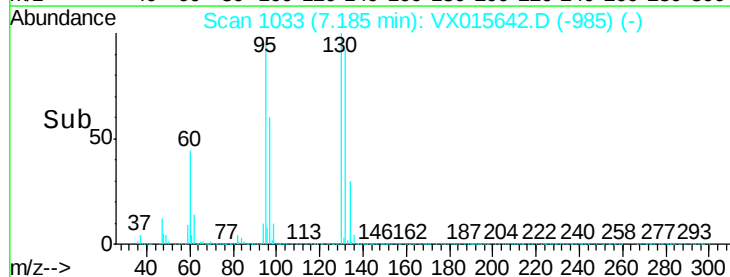
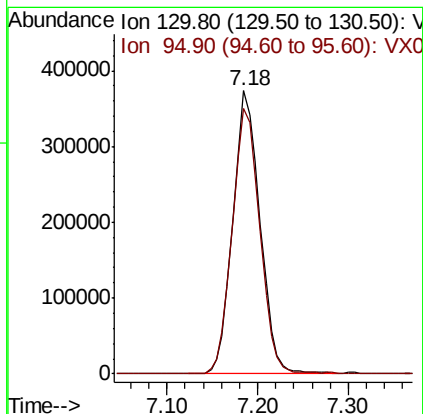
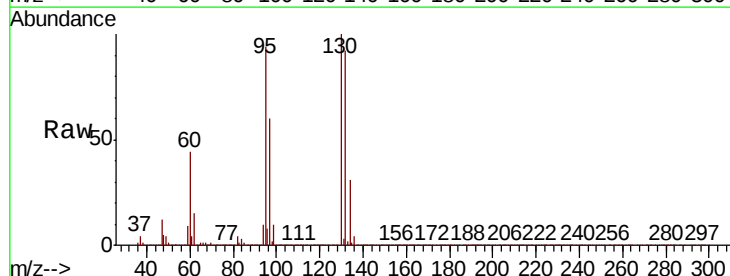
Tot Ion: 43 Resp: 1898906
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.8 22.2
 87 12.1 9.4 14.0

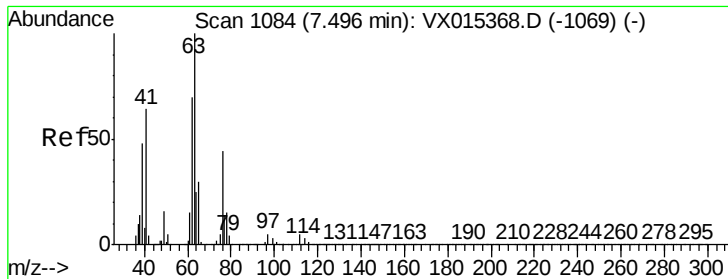


#44

Trichloroethene
 Concen: 56.720 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion: 130 Resp: 773954
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 199.0

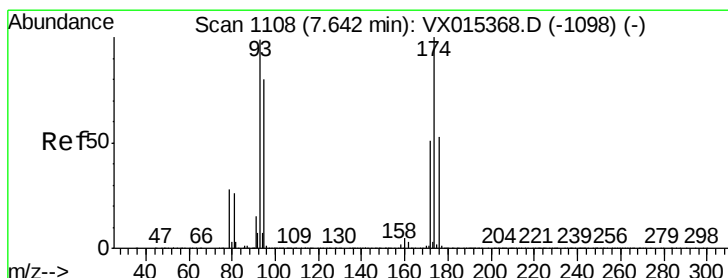
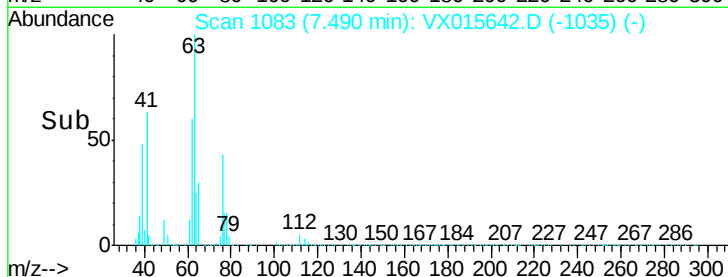
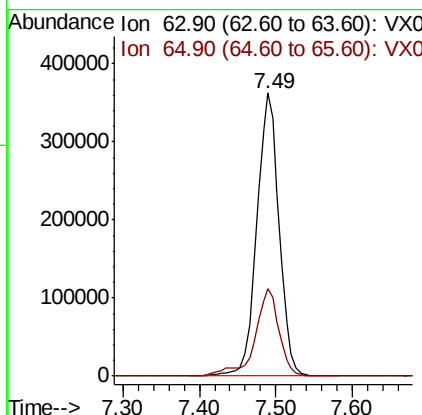
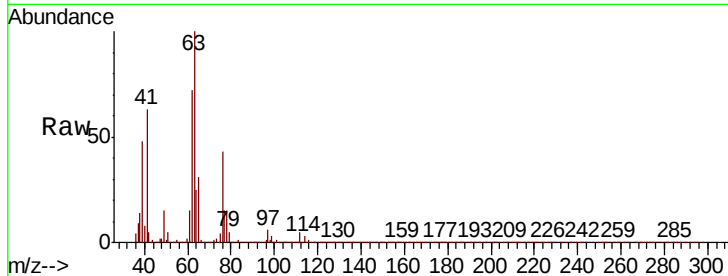




#45
 1,2-Dichloropropane
 Concen: 53.719 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

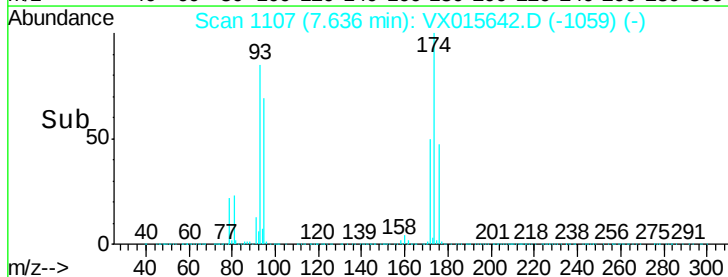
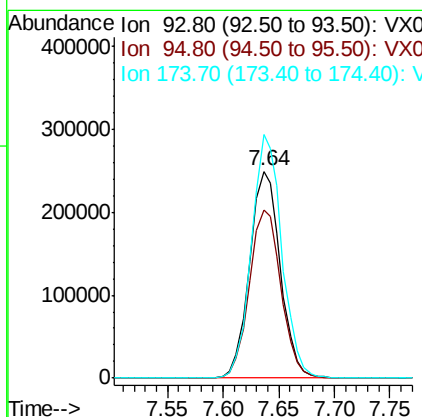
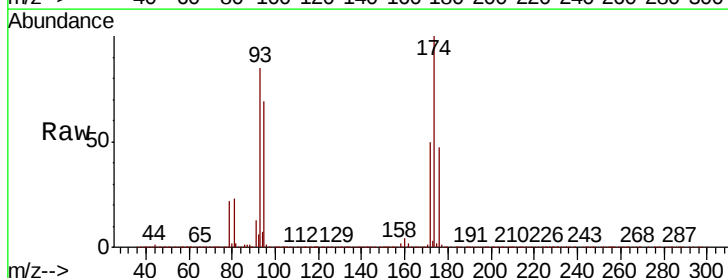
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

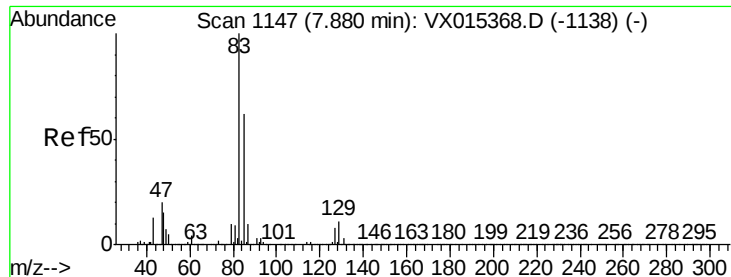
Tot Ion: 63 Resp: 735249
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.9 35.9



#46
 Dibromomethane
 Concen: 53.571 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion: 93 Resp: 480980
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.8
 174 116.3 86.2 129.2





#47

Bromodichloromethane

Concen: 54.238 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

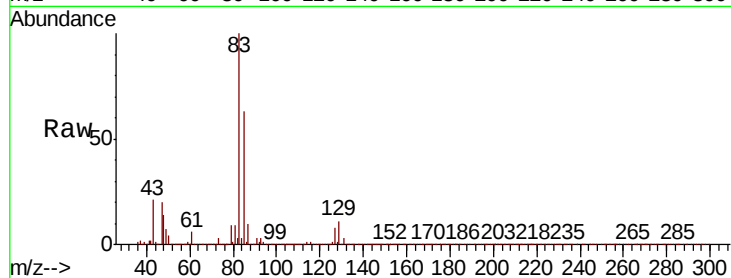
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 1037623

Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.7	74.5
127	8.4	6.7	10.1

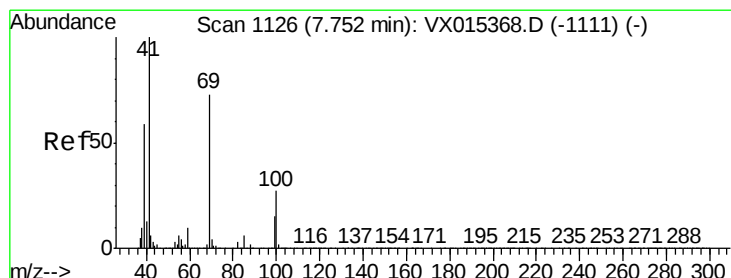
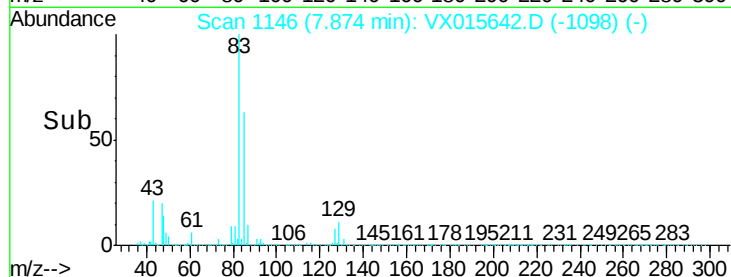
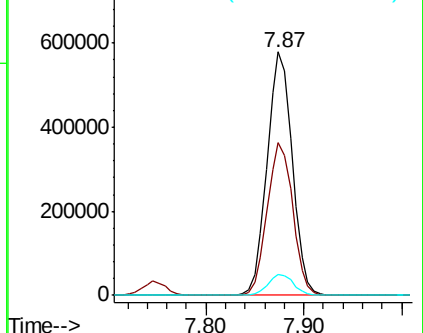


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.500 ug/l

RT: 7.75 min Scan# 1125

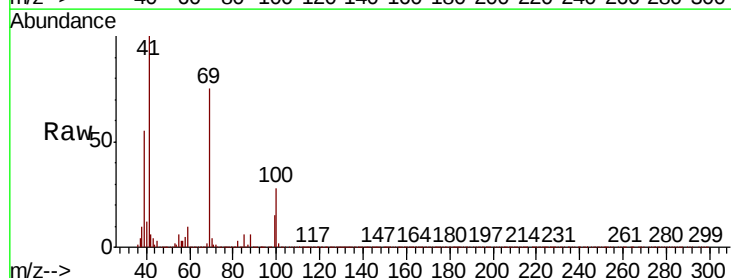
Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion: 41 Resp: 946983

Ion	Ratio	Lower	Upper
41	100		
69	72.9	56.7	85.1
39	56.1	46.5	69.7

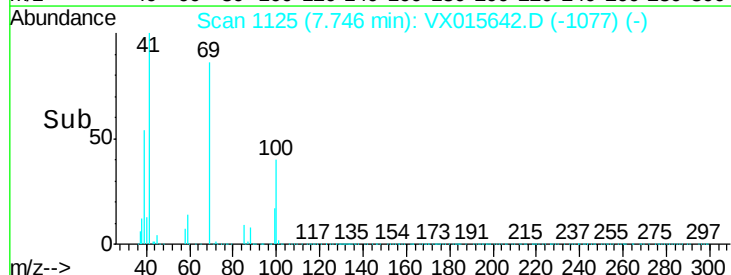
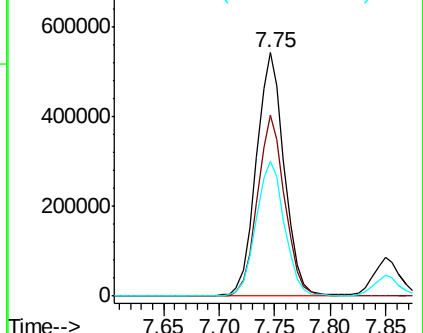


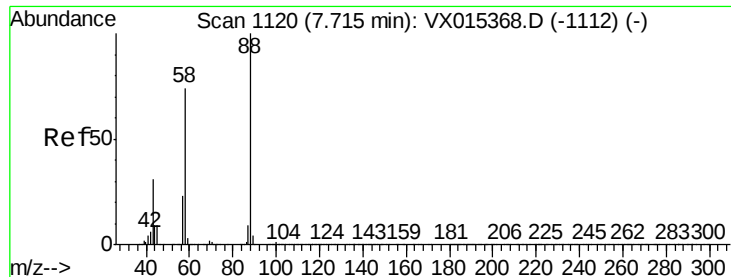
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 943.621 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

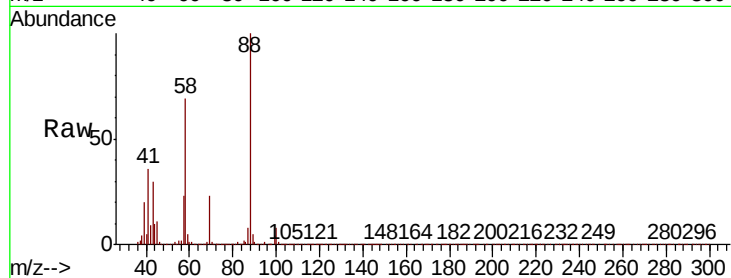
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 330100

Ion	Ratio	Lower	Upper
88	100		
43	36.6	30.1	45.1
58	72.6	60.6	90.8

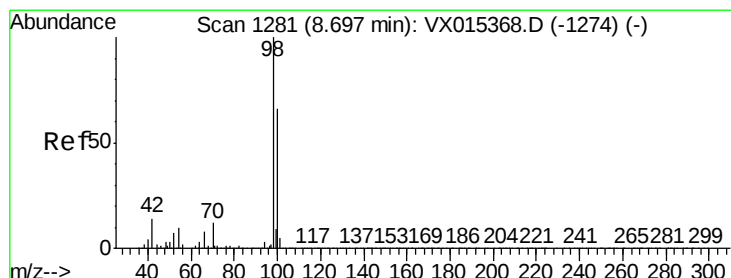
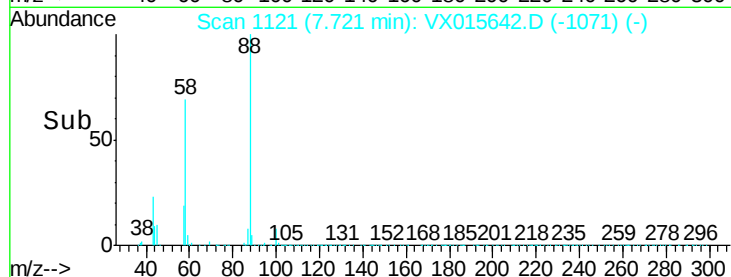
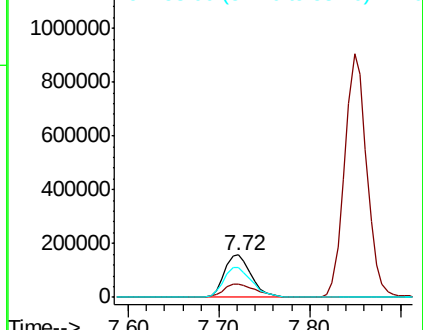


Abundance

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: 49.567 ug/l

RT: 8.70 min Scan# 1281

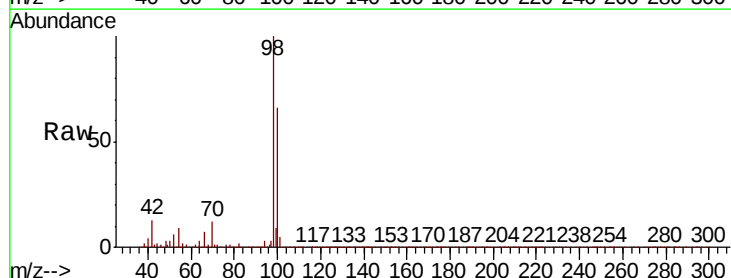
Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion: 98 Resp: 2162481

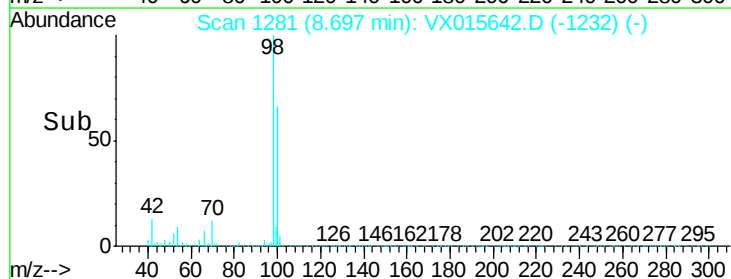
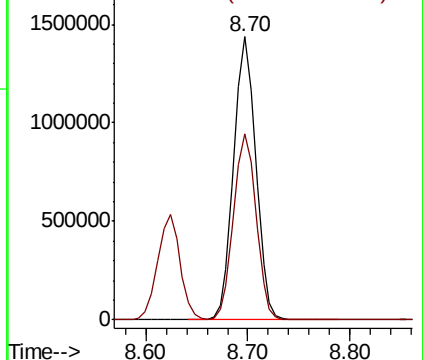
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3

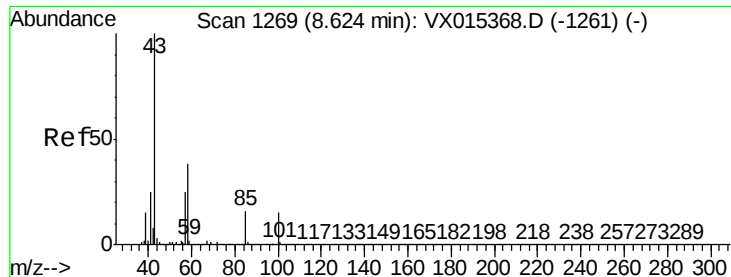


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

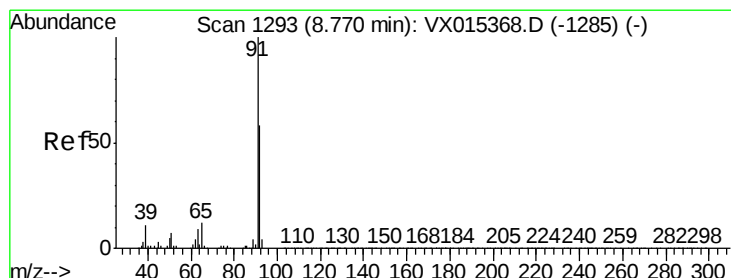
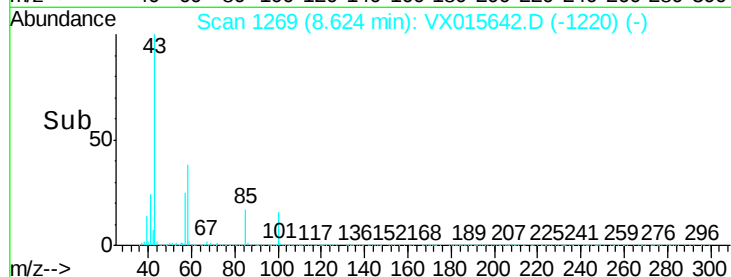
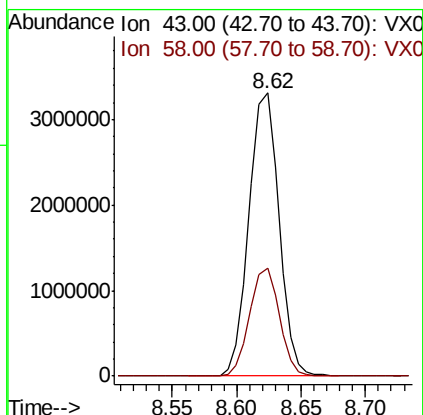
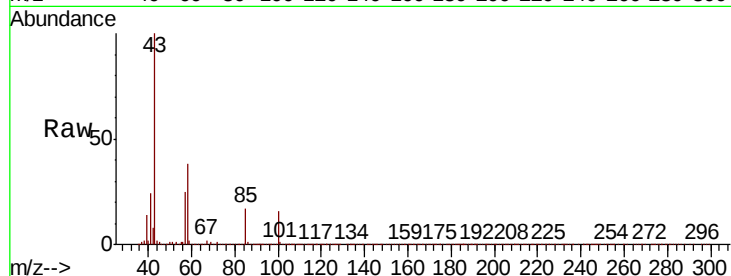




#51
4-Methyl-2-Pentanone
Concen: 250.951 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

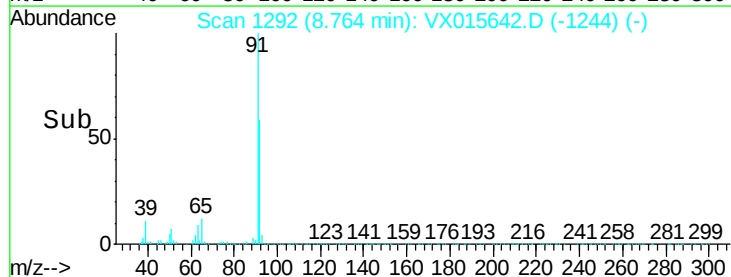
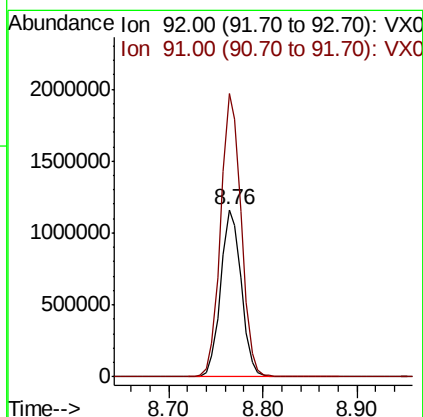
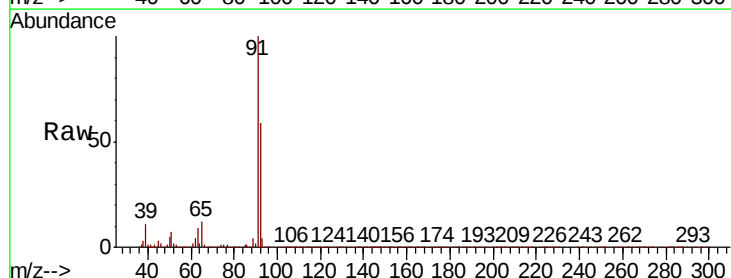
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 5339313
Ion Ratio Lower Upper
43 100
58 37.8 29.7 44.5



#52
Toluene
Concen: 56.897 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 92 Resp: 1755079
Ion Ratio Lower Upper
92 100
91 168.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.843 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

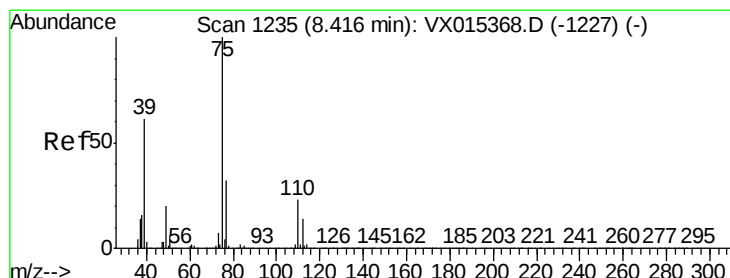
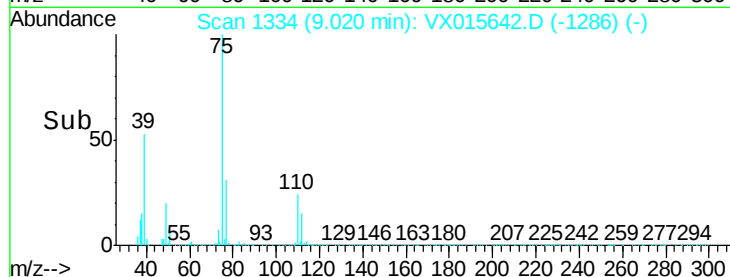
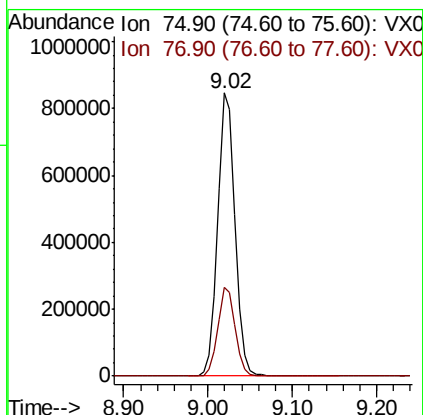
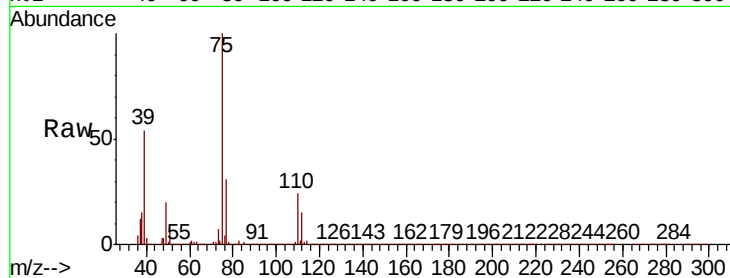
VSTDCCC050

Tot Ion: 75 Resp: 1208079

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 54.865 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

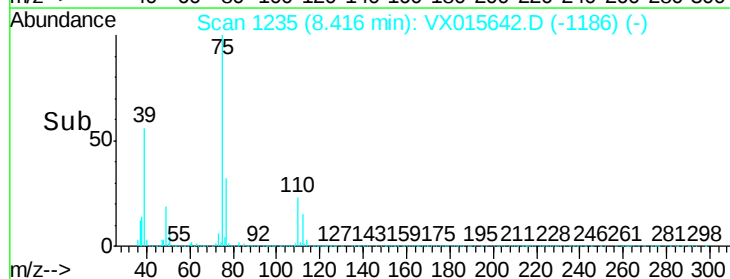
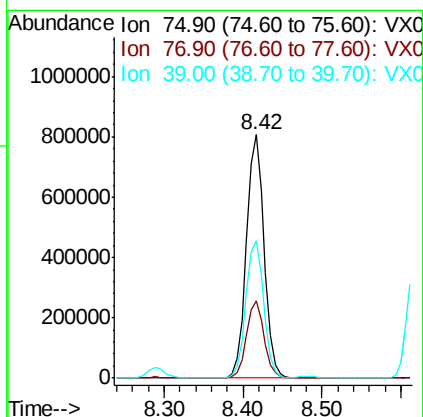
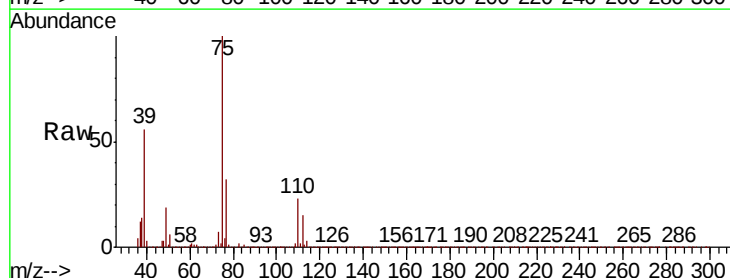
Tgt Ion: 75 Resp: 1253985

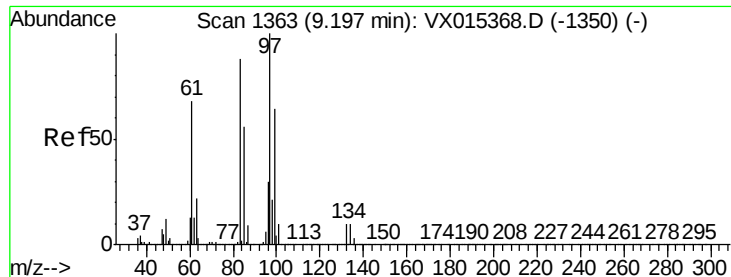
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 56.3 49.0 73.4

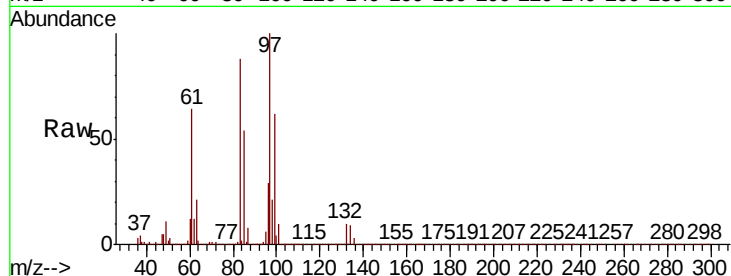




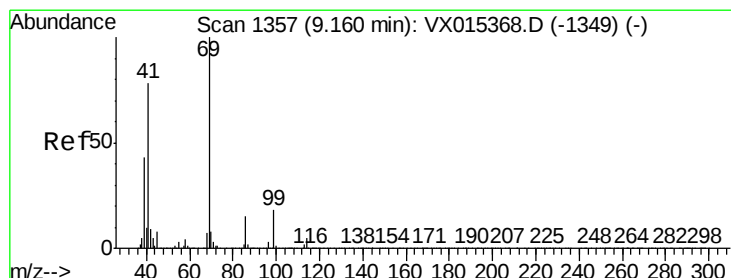
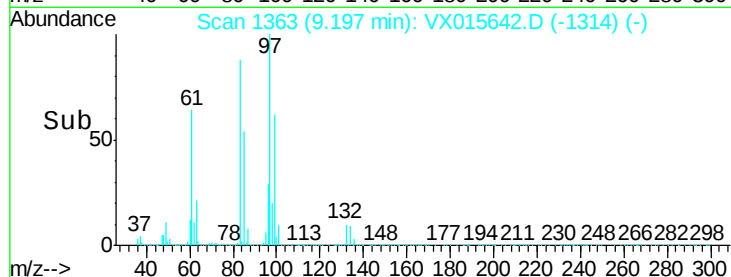
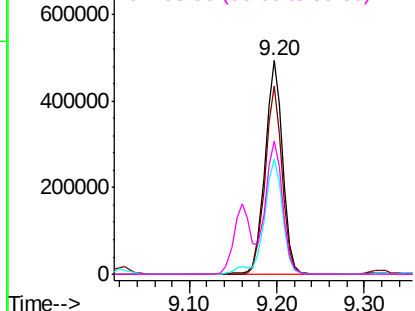
#55
1,1,2-Trichloroethane
Concen: 55.475 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	701085
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.2	105.4
85	53.8	44.7	67.1
99	62.1	51.1	76.7

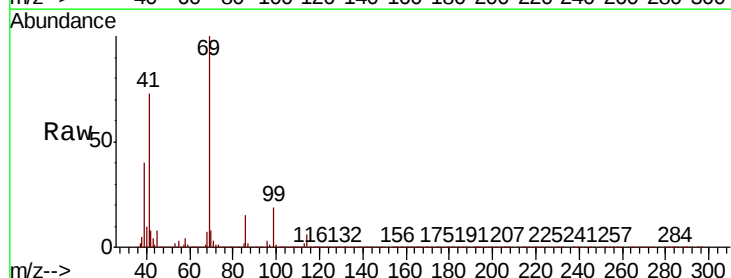


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

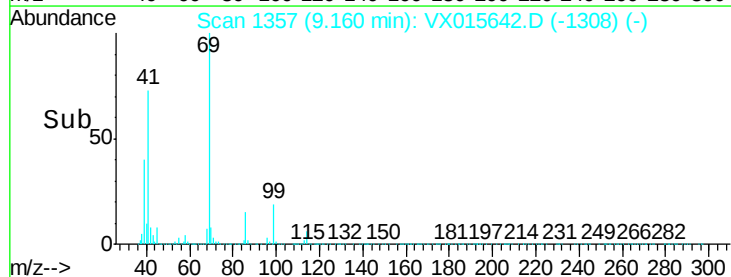
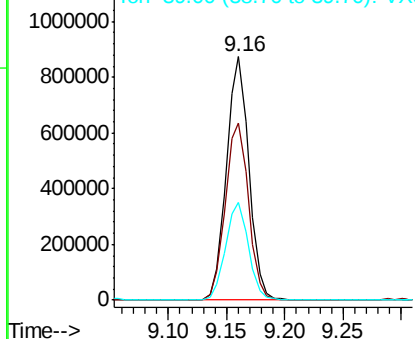


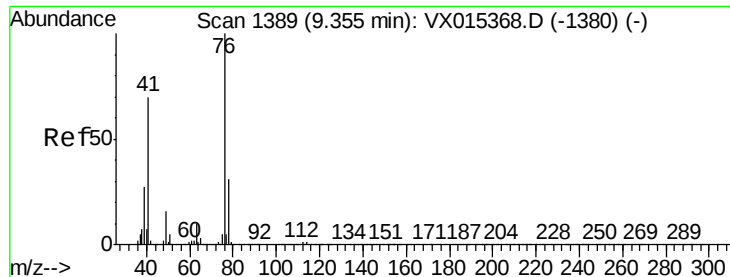
#56
Ethyl methacrylate
Concen: 52.460 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:	69	Resp:	1168416
Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.6	92.4
39	40.6	34.0	51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.651 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

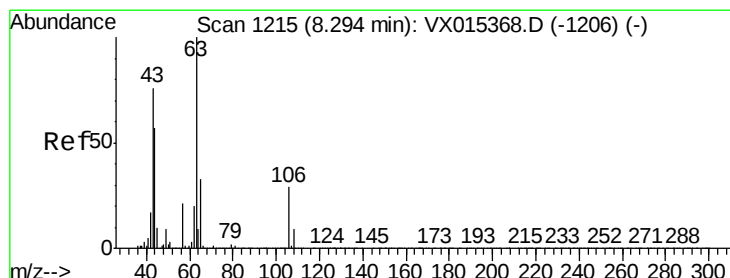
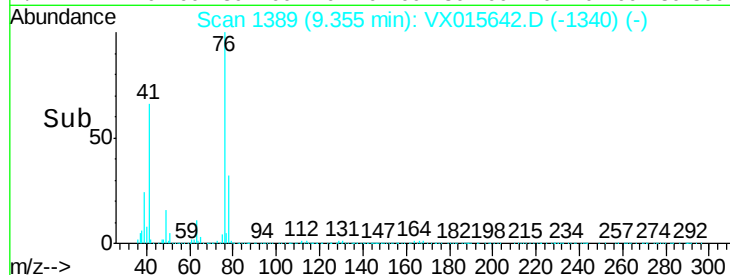
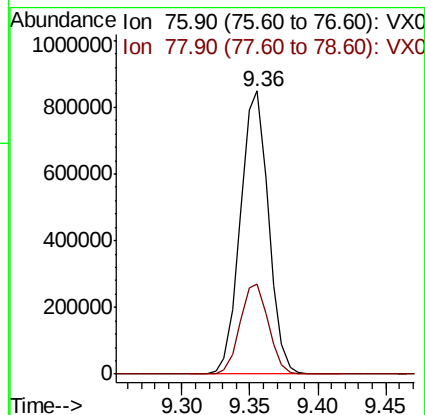
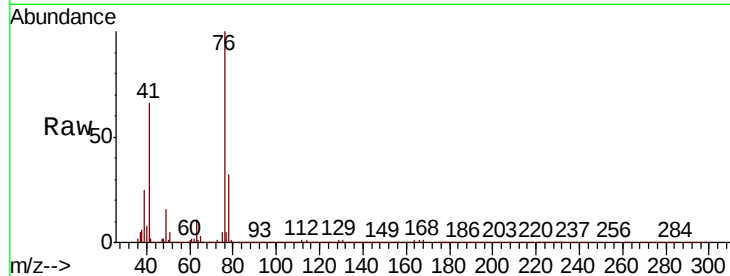
VSTDCCC050

Tot Ion: 76 Resp: 1221611

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 200.886 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015642.D

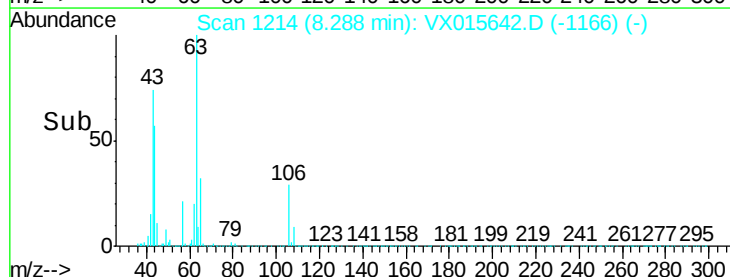
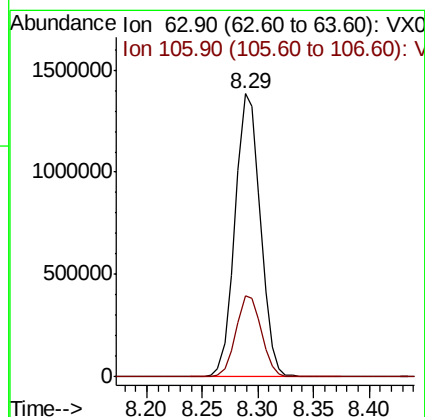
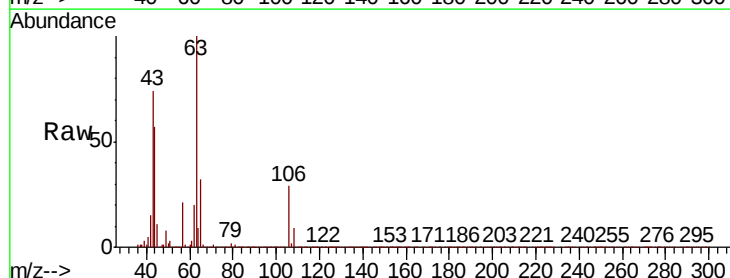
Acq: 13 Apr 2020 14:37

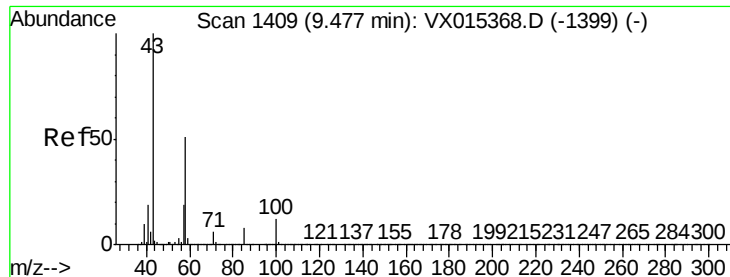
Tgt Ion: 63 Resp: 2176305

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1

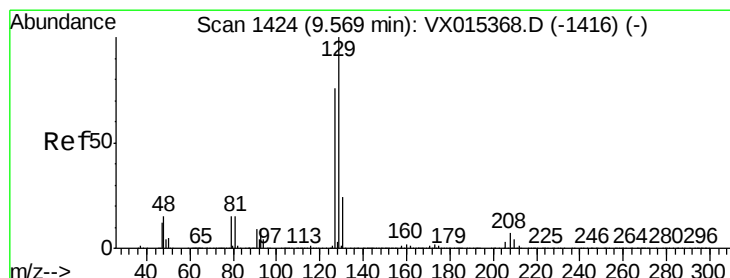
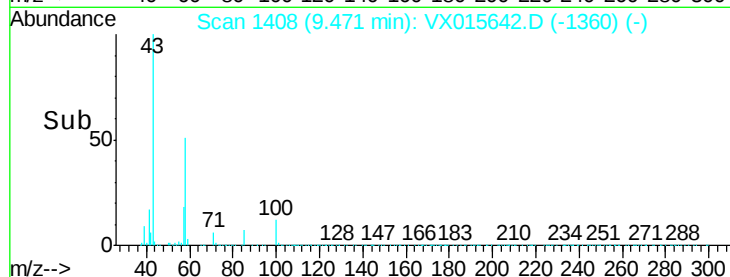
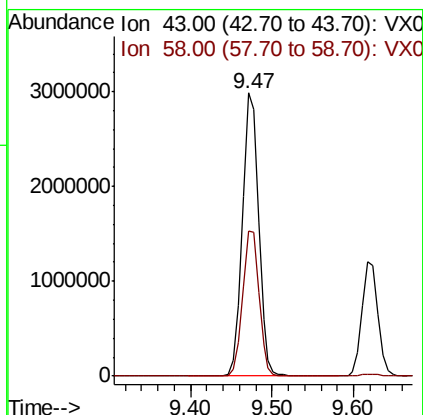
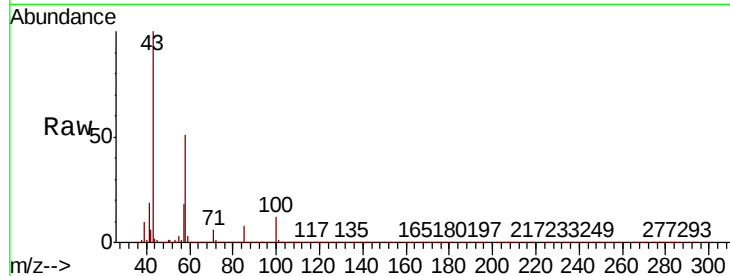




#59
2-Hexanone
Concen: 253.150 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

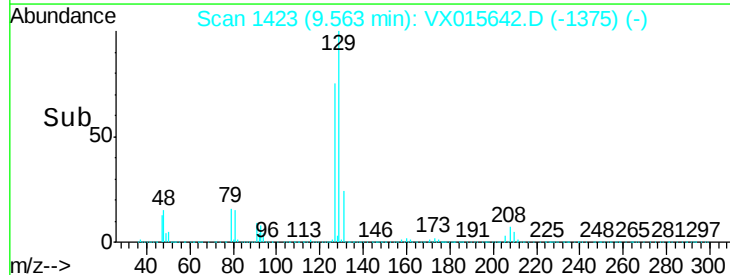
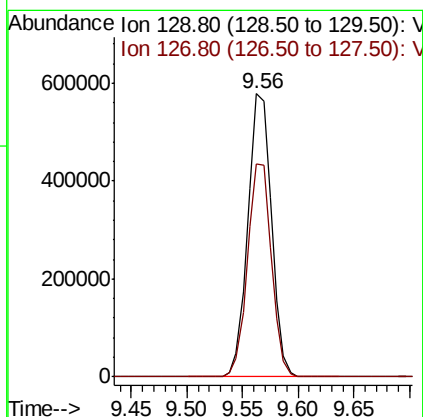
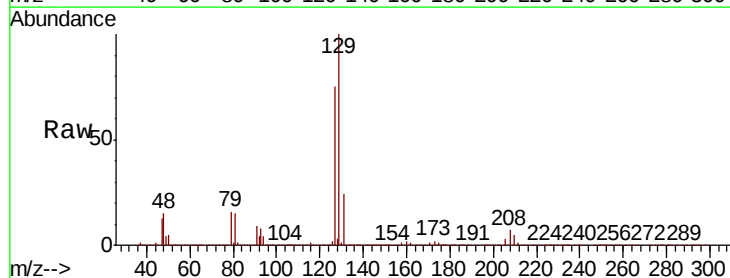
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

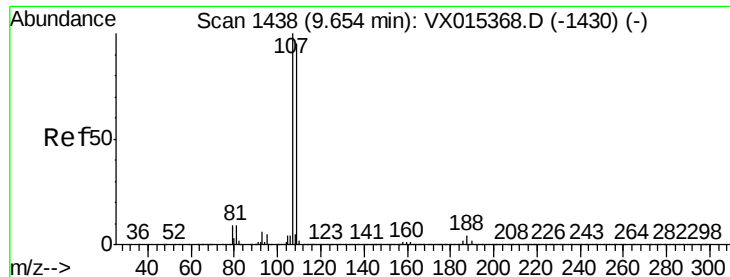
Tot Ion: 43 Resp: 4066388
Ion Ratio Lower Upper
43 100
58 52.3 25.6 76.6



#60
Dibromochloromethane
Concen: 56.306 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 129 Resp: 855075
Ion Ratio Lower Upper
129 100
127 76.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 53.748 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

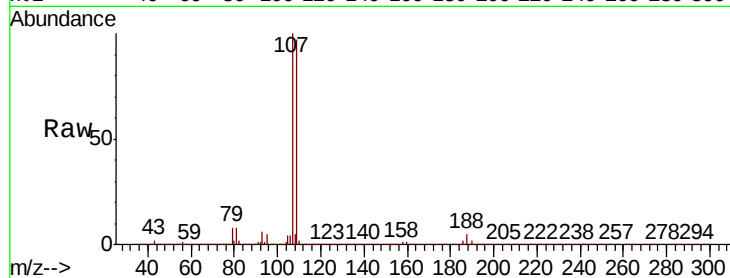
VSTDCCC050

Tot Ion: 107 Resp: 738586

Ion Ratio Lower Upper

107 100

109 95.8 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

600000

500000

400000

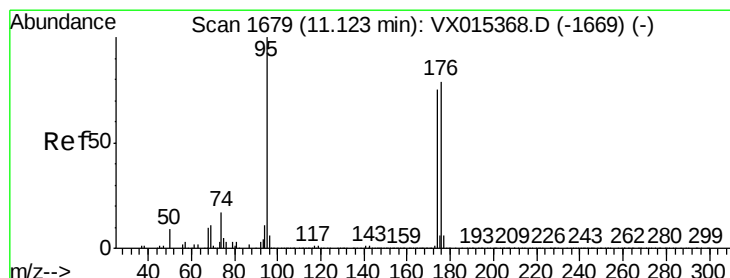
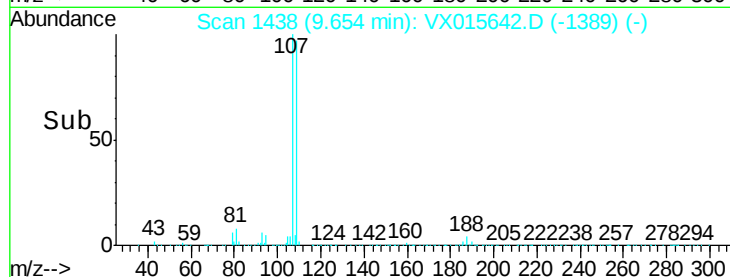
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.012 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

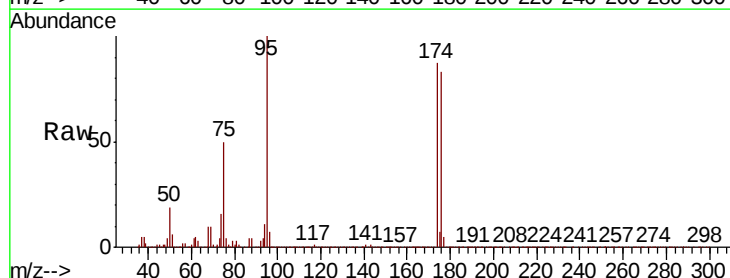
Tgt Ion: 95 Resp: 868992

Ion Ratio Lower Upper

95 100

174 88.6 0.0 158.6

176 84.8 0.0 159.0



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

800000

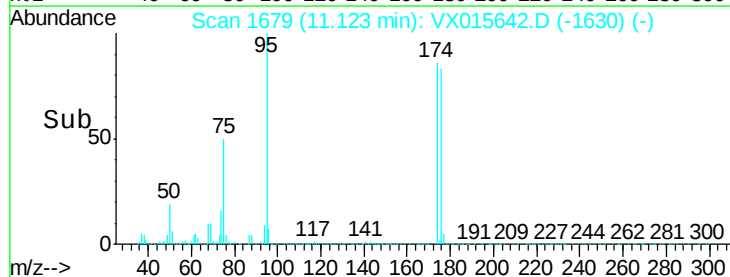
600000

400000

200000

0

Time--> 11.10 11.20

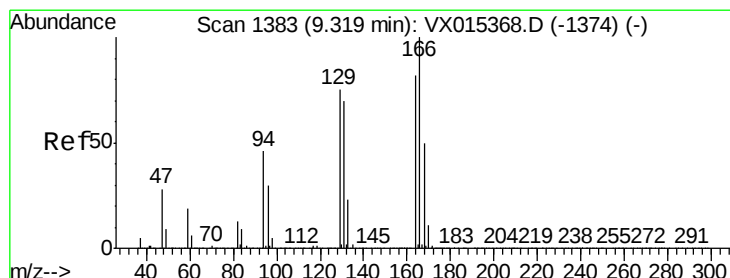
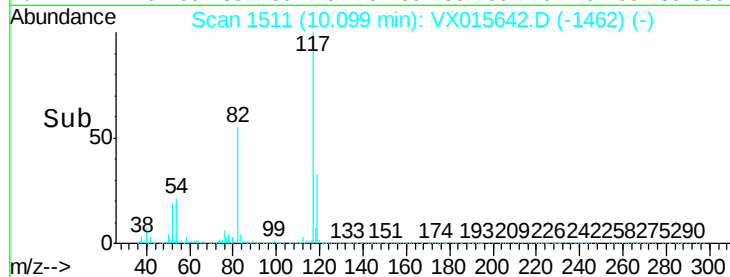
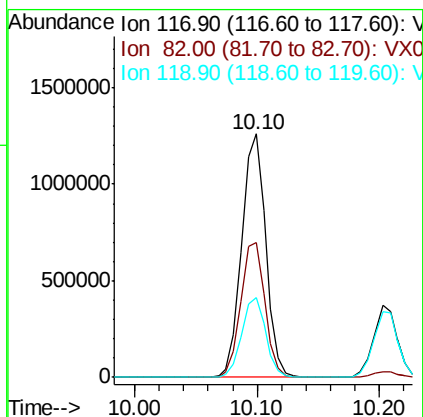
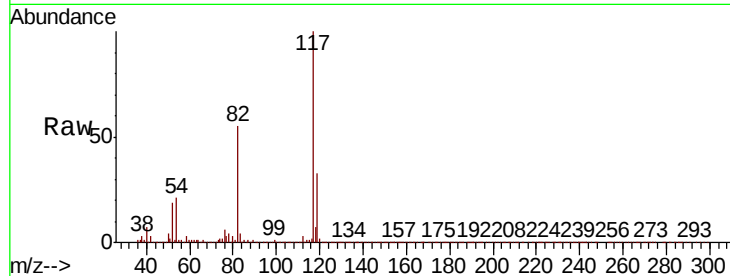




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

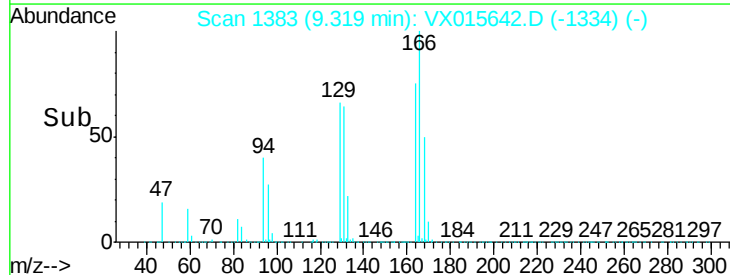
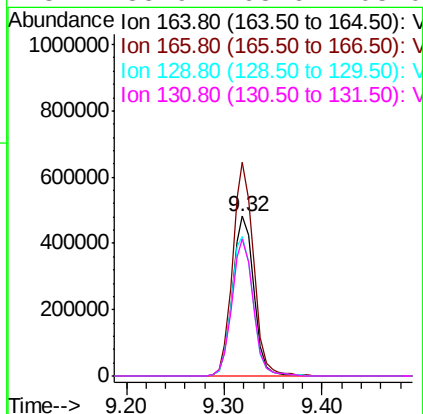
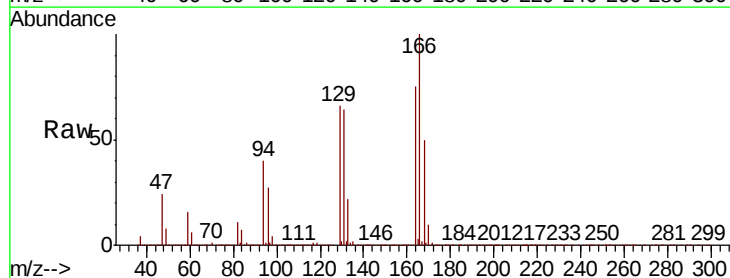
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

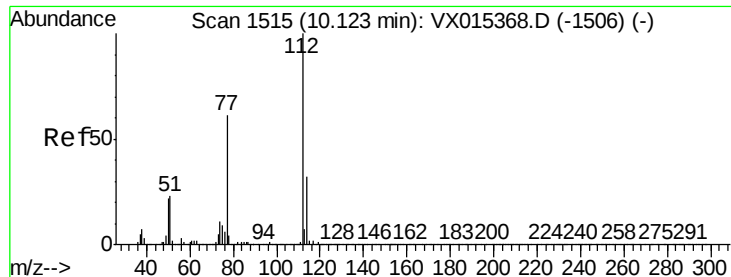
Tot Ion:117 Resp: 1708835
Ion Ratio Lower Upper
117 100
82 55.4 47.8 71.8
119 32.9 26.8 40.2



#64
Tetrachloroethene
Concen: 56.496 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:164 Resp: 728581
Ion Ratio Lower Upper
164 100
166 134.0 97.8 146.6
129 88.0 73.0 109.4
131 85.9 68.6 103.0

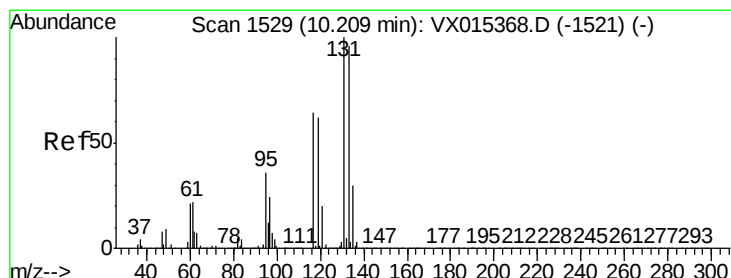
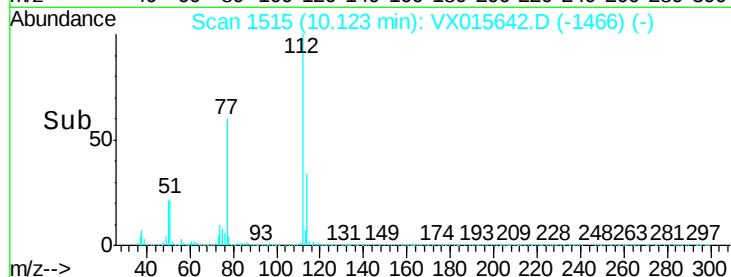
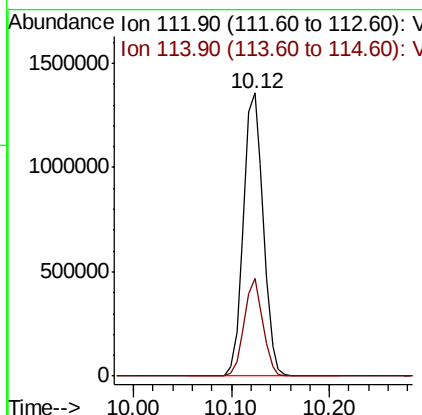
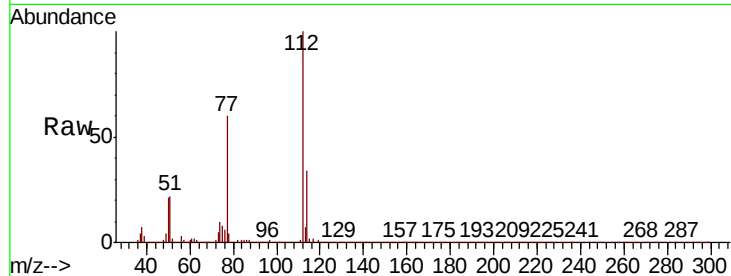




#65
Chlorobenzene
Concen: 55.985 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

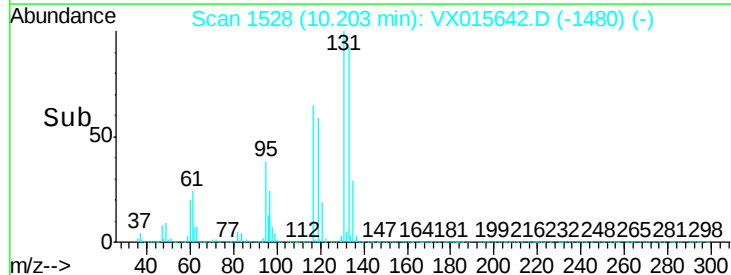
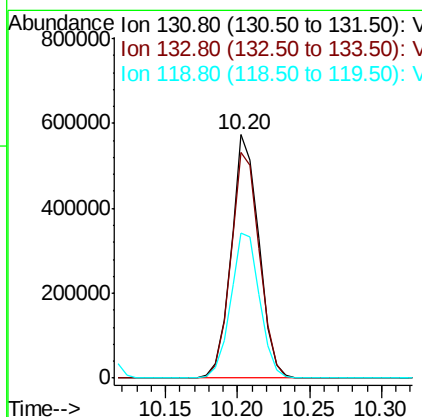
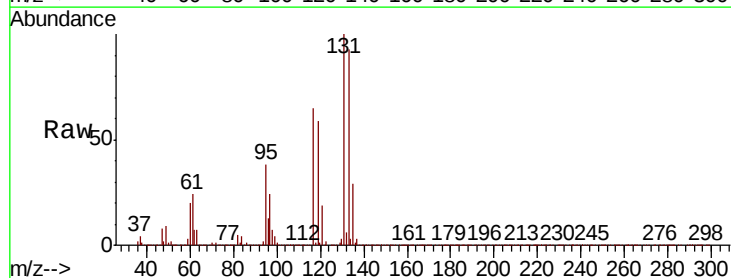
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

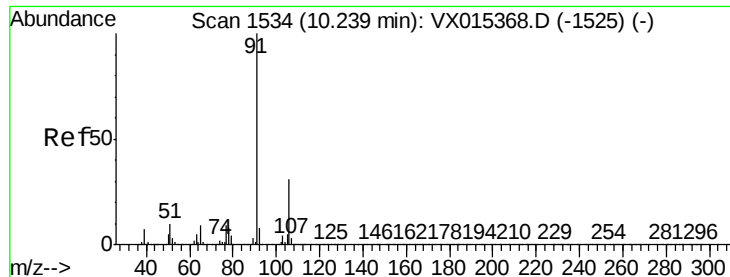
Tot Ion:112 Resp: 1907933
Ion Ratio Lower Upper
112 100
114 34.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.336 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:131 Resp: 767006
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 62.5 31.1 93.3





#67

Ethyl Benzene

Concen: 56.583 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

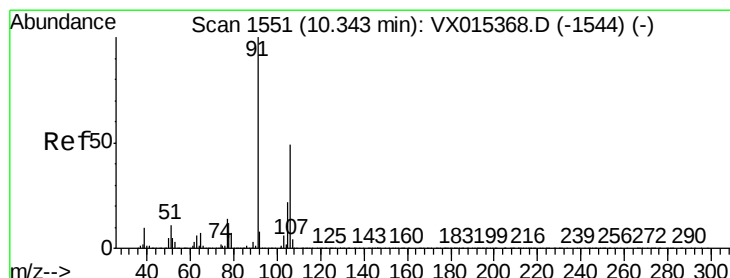
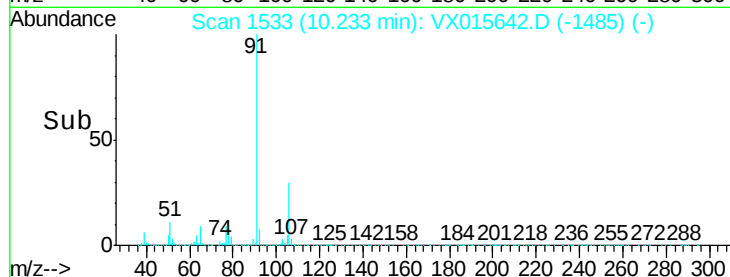
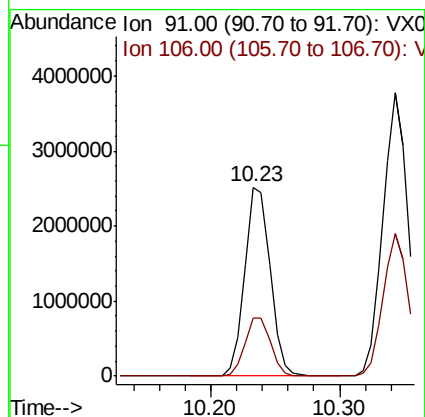
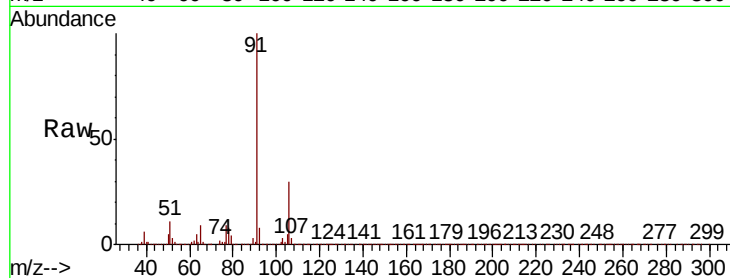
VSTDCCC050

Tot Ion: 91 Resp: 3420042

Ion Ratio Lower Upper

91 100

106 30.5 24.8 37.2



#68

m/p-Xylenes

Concen: 113.973 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015642.D

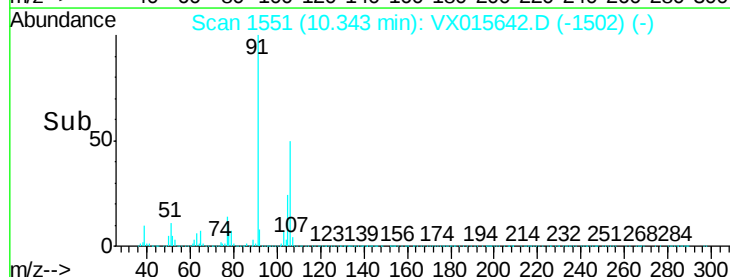
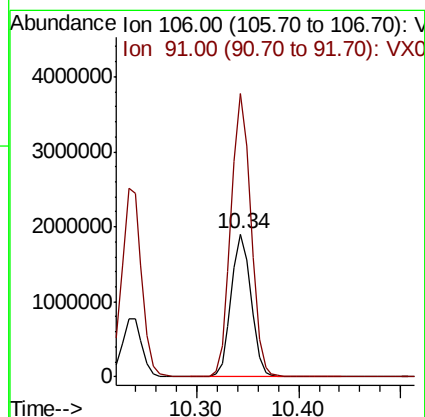
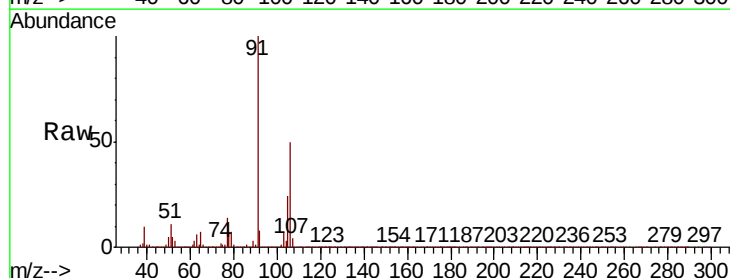
Acq: 13 Apr 2020 14:37

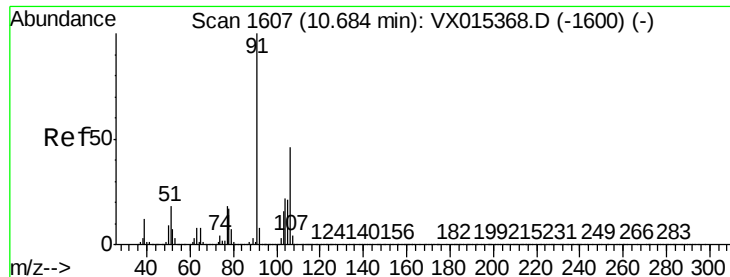
Tgt Ion: 106 Resp: 2565185

Ion Ratio Lower Upper

106 100

91 198.5 163.4 245.0

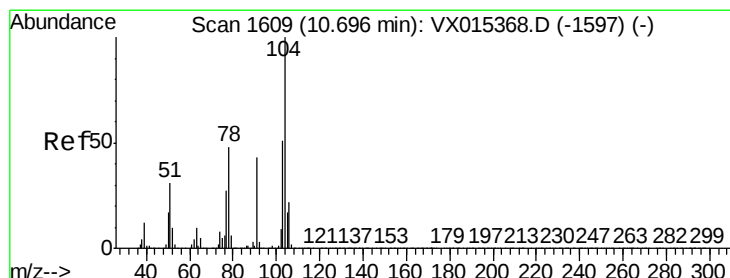
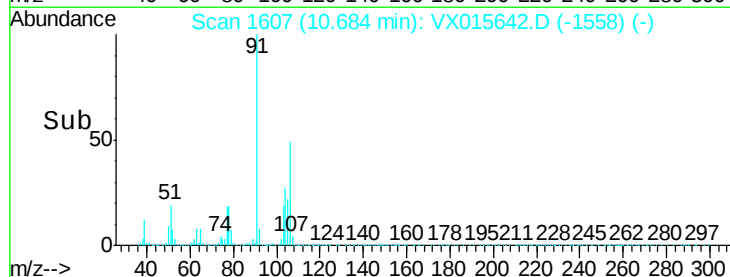
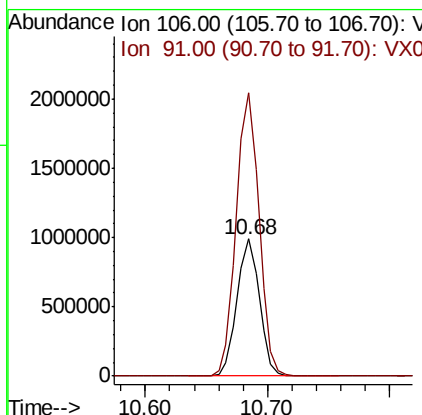
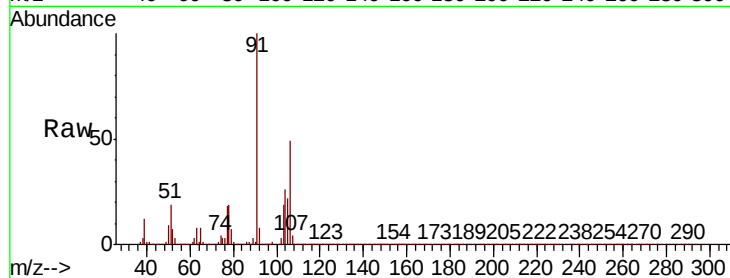




#69
o-Xylene
Concen: 56.467 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

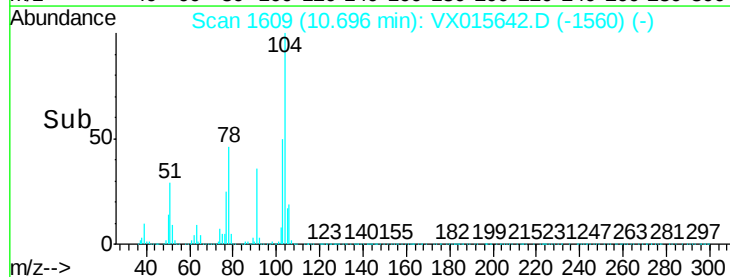
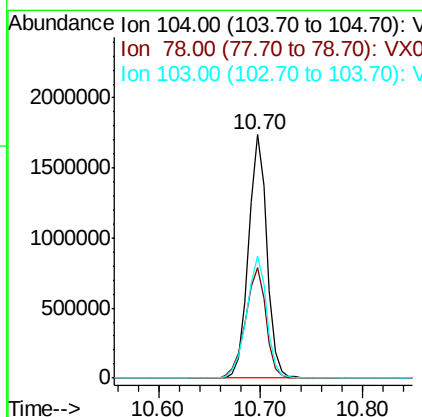
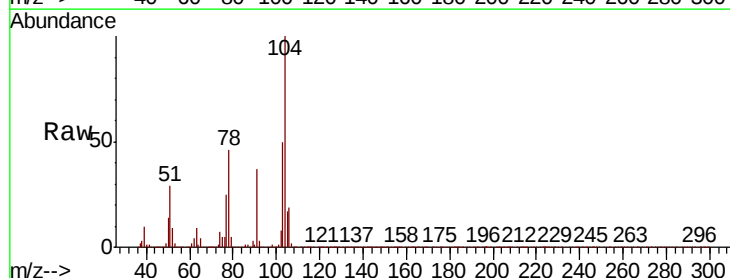
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

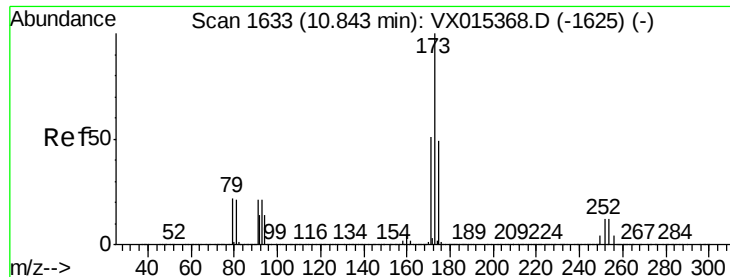
Tot Ion:106 Resp: 1255854
Ion Ratio Lower Upper
106 100
91 209.6 107.1 321.3



#70
Styrene
Concen: 55.975 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:104 Resp: 2190662
Ion Ratio Lower Upper
104 100
78 50.4 42.0 63.0
103 54.7 43.4 65.0

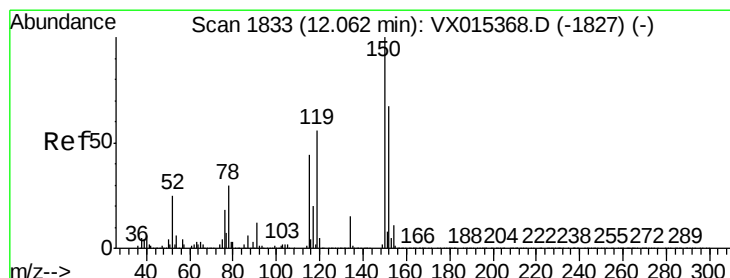
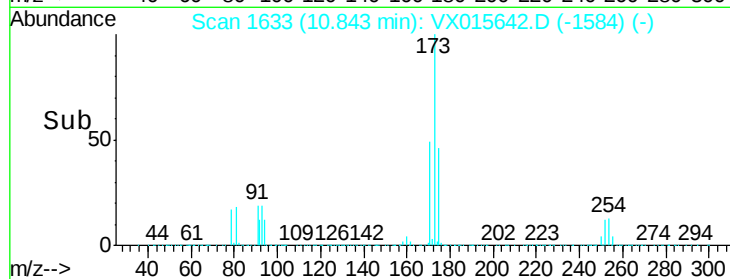
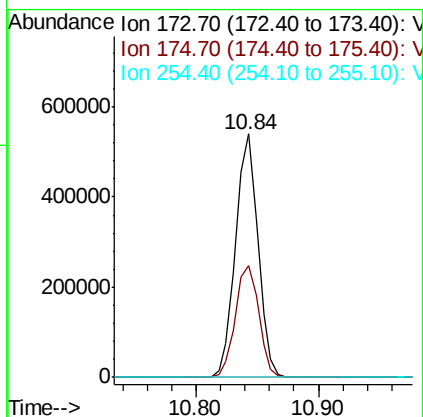
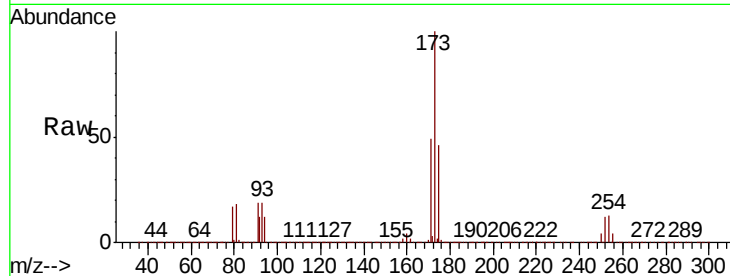




#71
Bromoform
Concen: 55.044 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

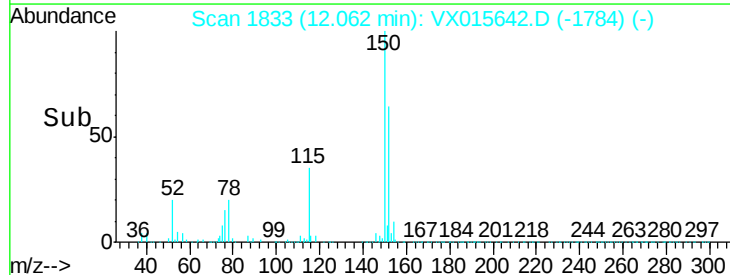
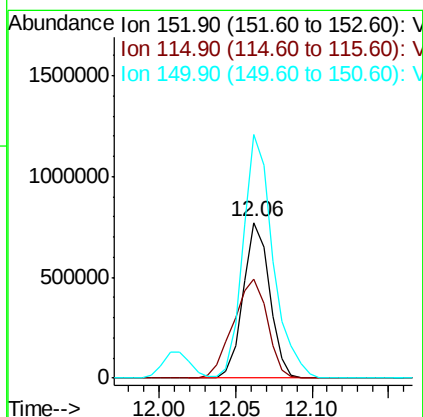
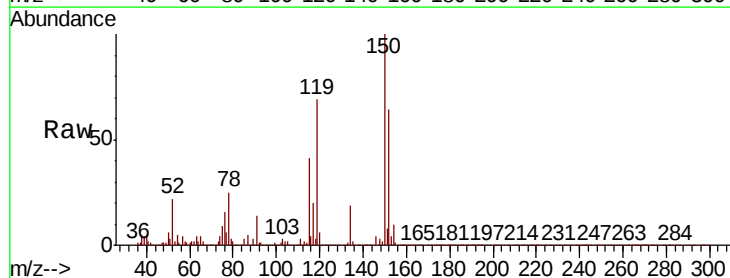
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

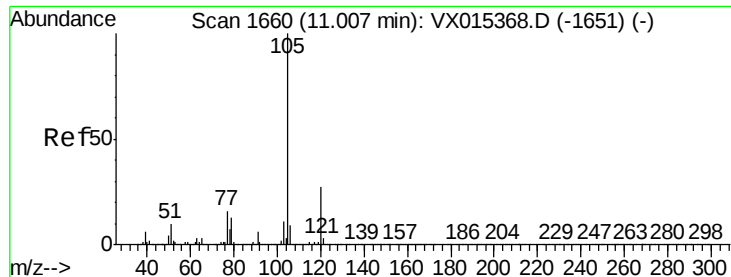
Tot Ion:173 Resp: 682223
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:152 Resp: 922630
Ion Ratio Lower Upper
152 100
115 82.0 39.0 116.9
150 176.7 0.0 340.8





#73

Isopropylbenzene

Concen: 56.342 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

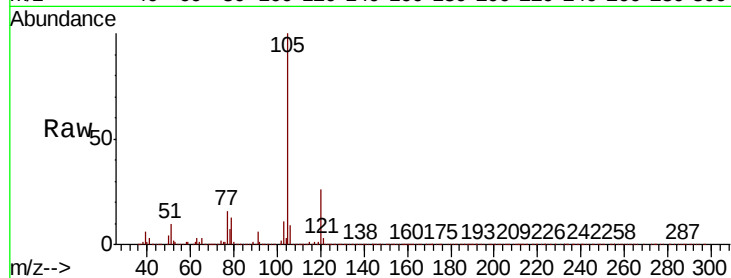
VSTDCCC050

Tot Ion:105 Resp: 3406047

Ion Ratio Lower Upper

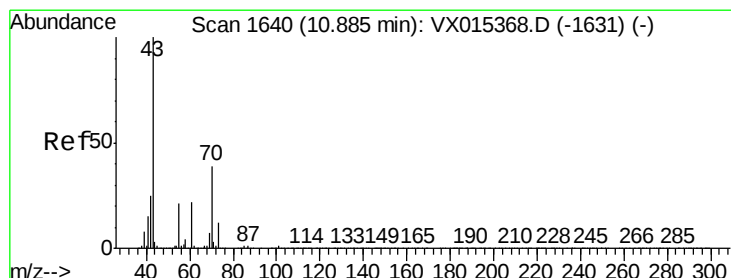
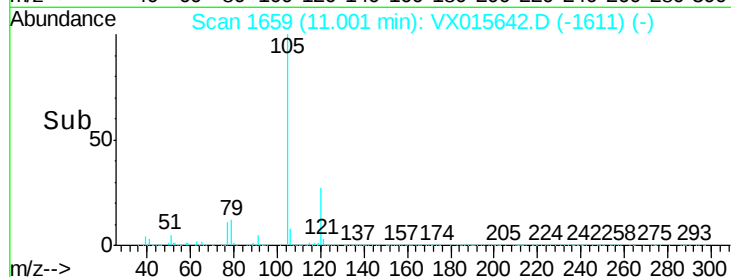
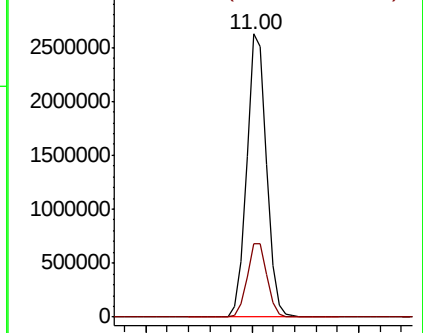
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.645 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion: 43 Resp: 1635580

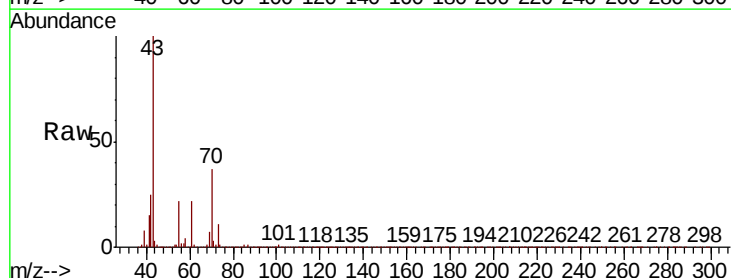
Ion Ratio Lower Upper

43 100

70 39.0 30.2 45.4

55 21.9 16.8 25.2

61 22.6 18.2 27.2

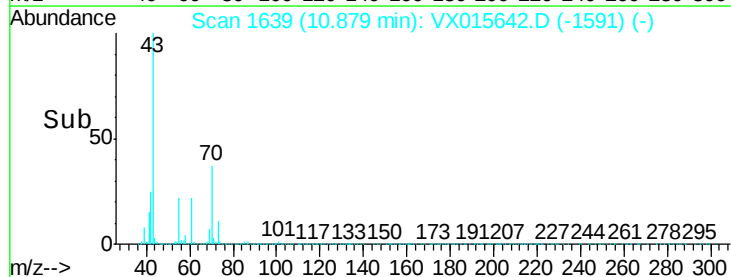
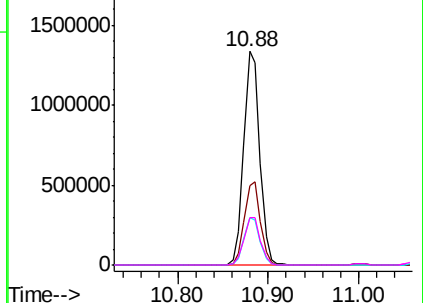


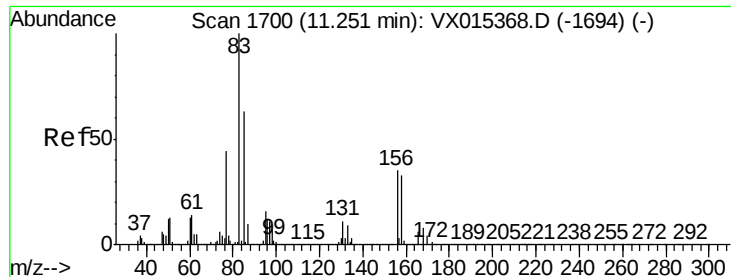
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.459 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

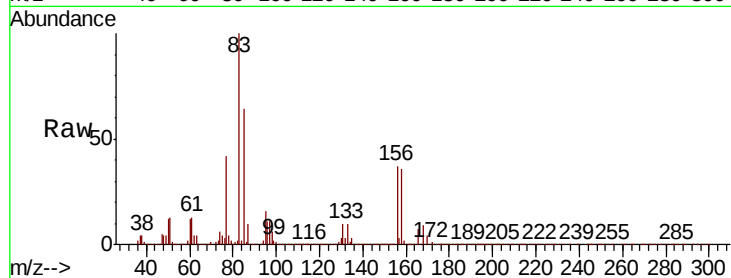
Tot Ion: 83 Resp: 1046693

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

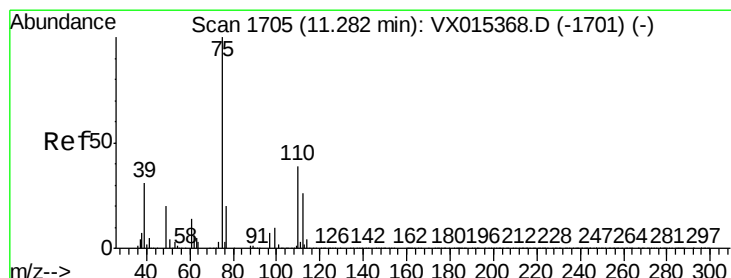
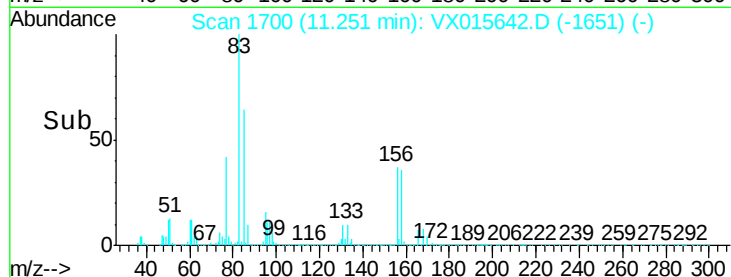
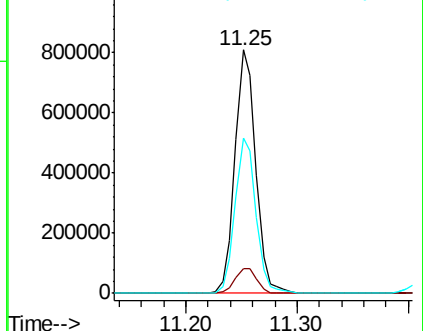
85 64.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.326 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015642.D

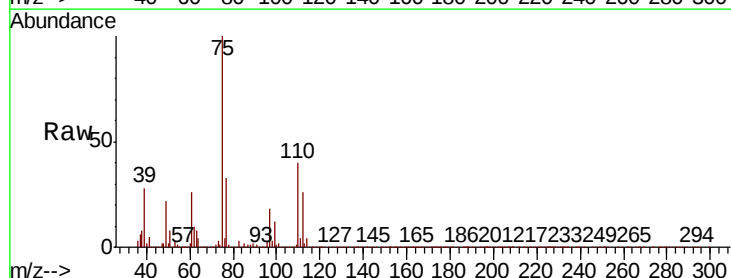
Acq: 13 Apr 2020 14:37

Tgt Ion: 75 Resp: 1277380

Ion Ratio Lower Upper

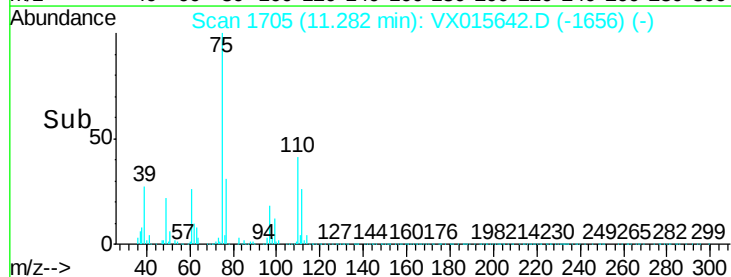
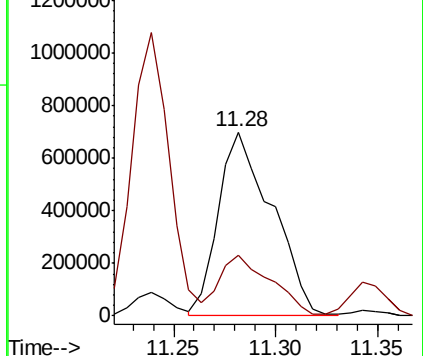
75 100

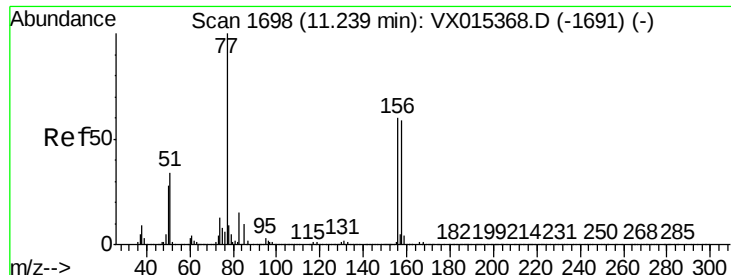
77 31.7 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 56.402 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

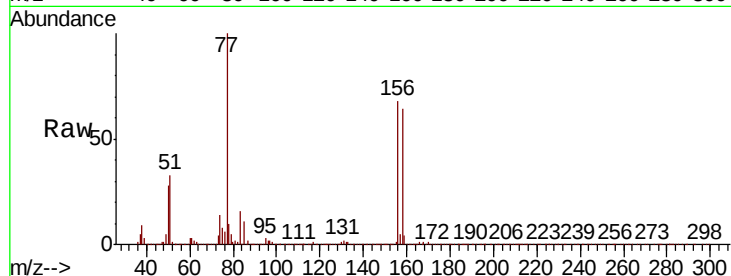
Tot Ion:156 Resp: 909487

Ion Ratio Lower Upper

156 100

77 151.5 82.2 246.5

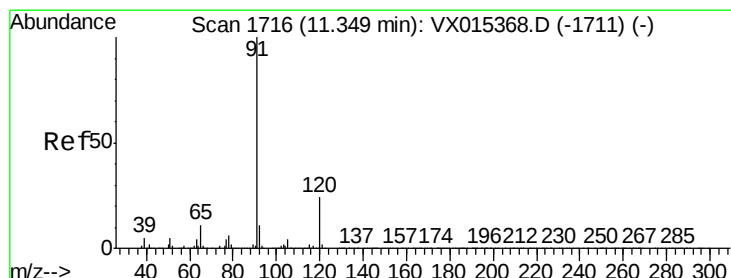
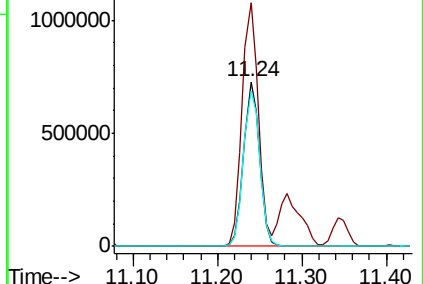
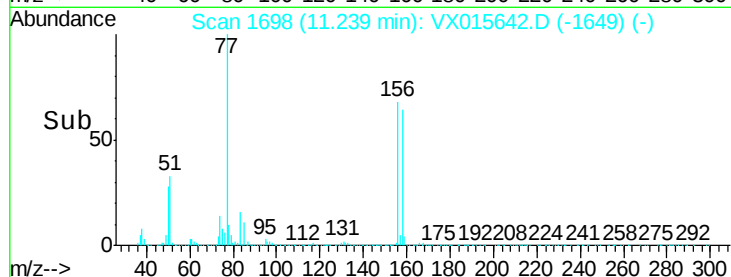
158 97.4 49.3 147.9



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: 56.173 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015642.D

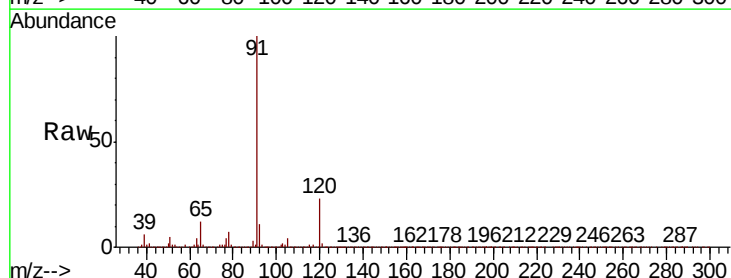
Acq: 13 Apr 2020 14:37

Tgt Ion: 91 Resp: 3882966

Ion Ratio Lower Upper

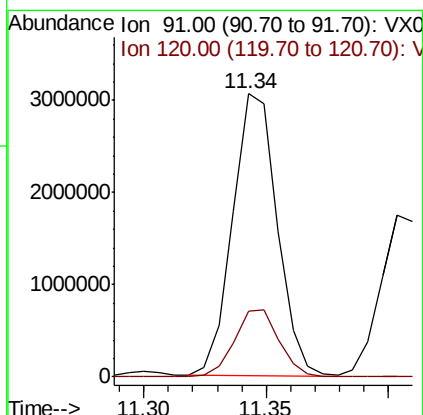
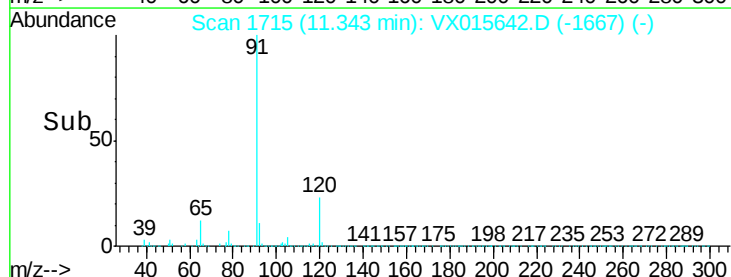
91 100

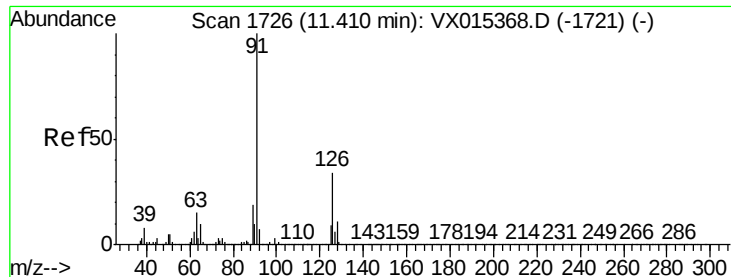
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

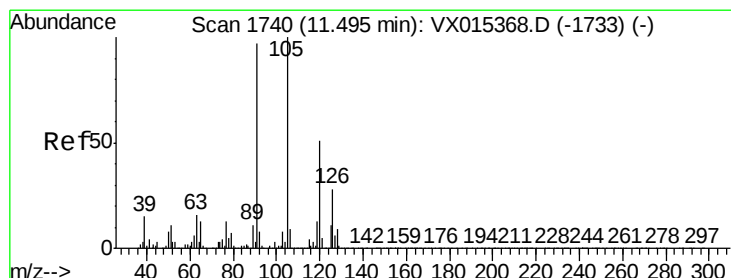
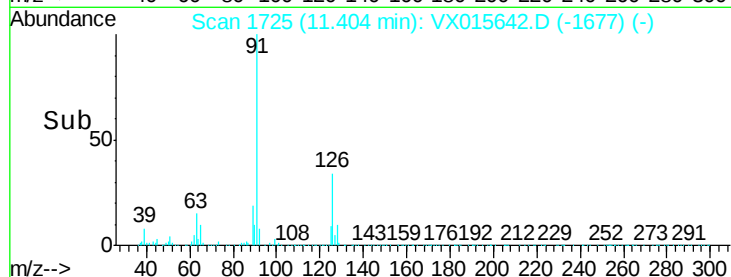
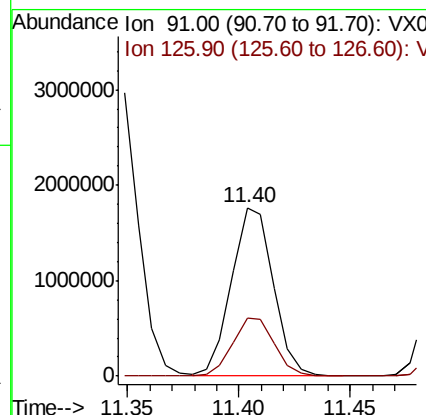
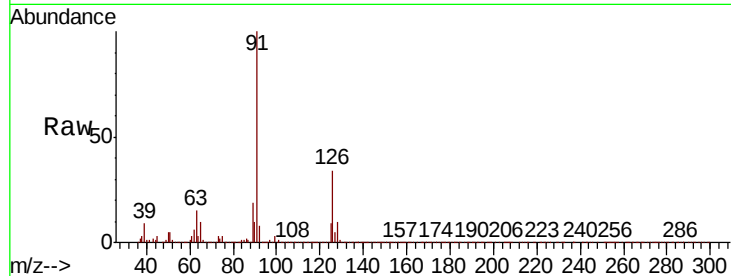




#79
 2-Chlorotoluene
 Concen: 53.969 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

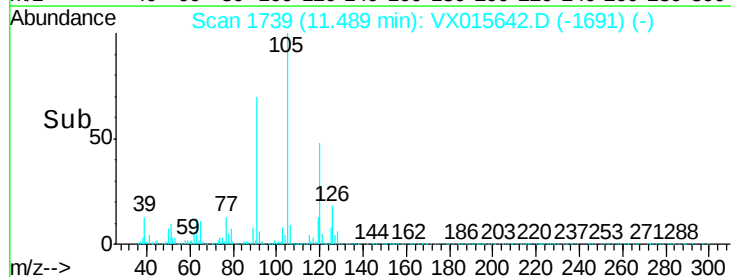
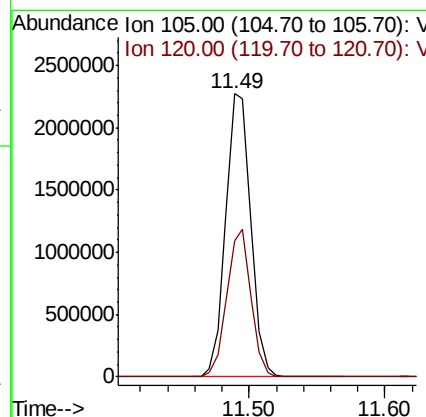
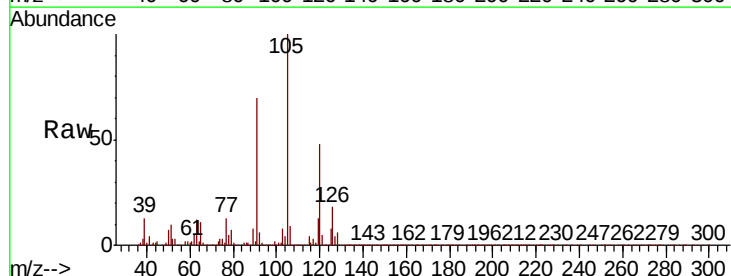
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

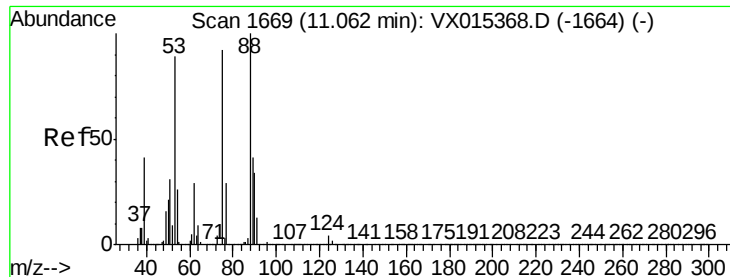
Tot Ion: 91 Resp: 2286614
 Ion Ratio Lower Upper
 91 100
 126 34.9 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 56.066 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion: 105 Resp: 2894597
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.289 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

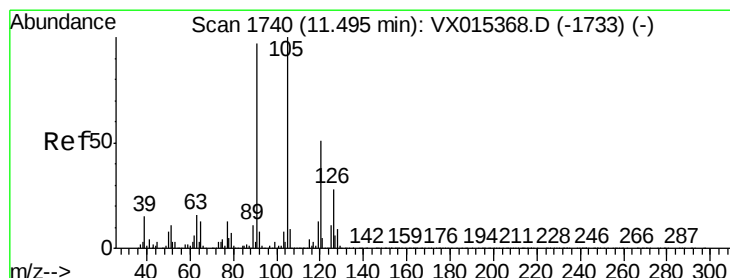
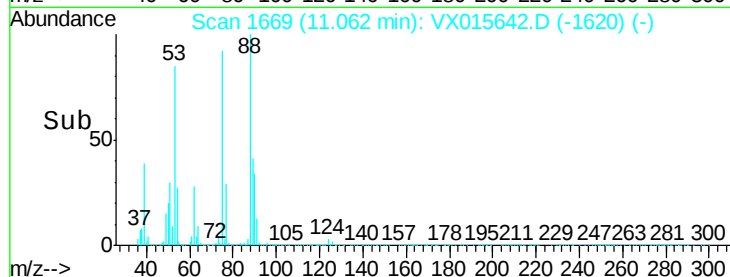
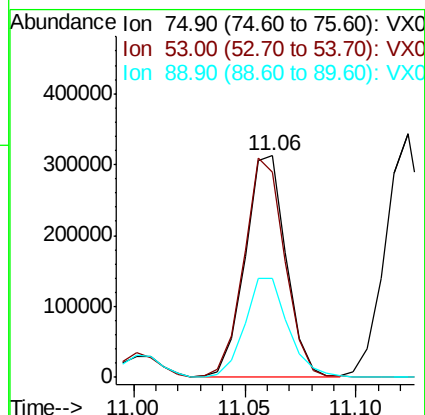
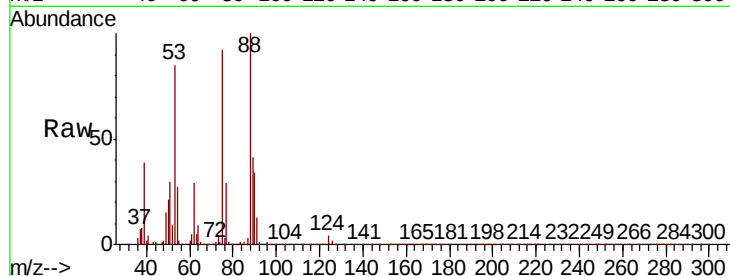
Tot Ion: 75 Resp: 397649

Ion Ratio Lower Upper

75 100

53 99.1 80.1 120.1

89 48.1 36.1 54.1



#82

4-Chlorotoluene

Concen: 54.816 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015642.D

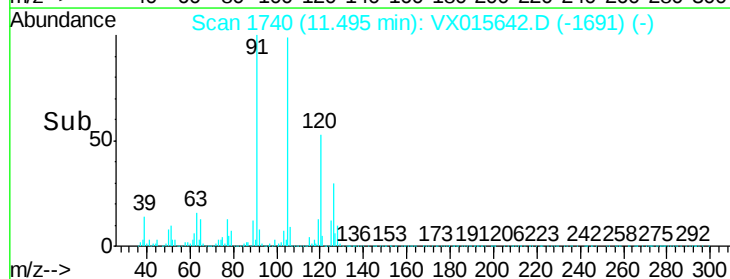
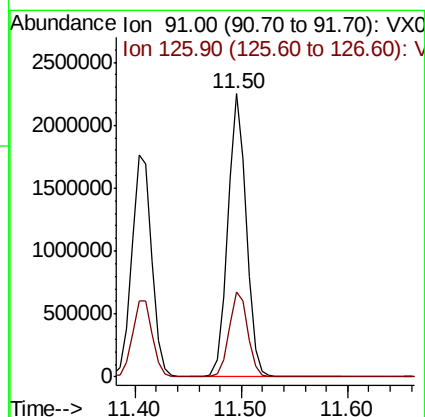
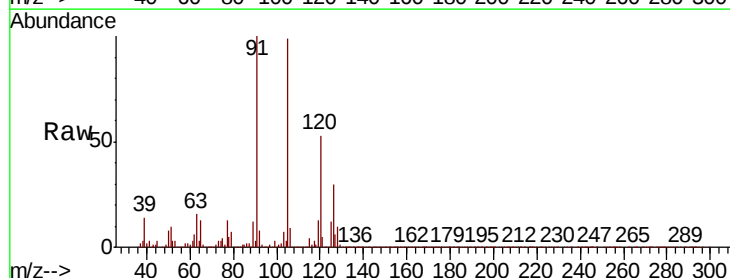
Acq: 13 Apr 2020 14:37

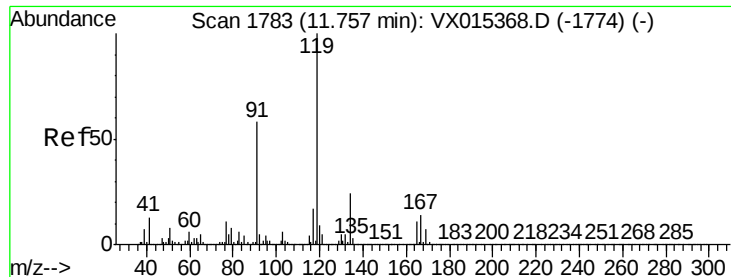
Tgt Ion: 91 Resp: 2722694

Ion Ratio Lower Upper

91 100

126 30.3 14.7 44.1

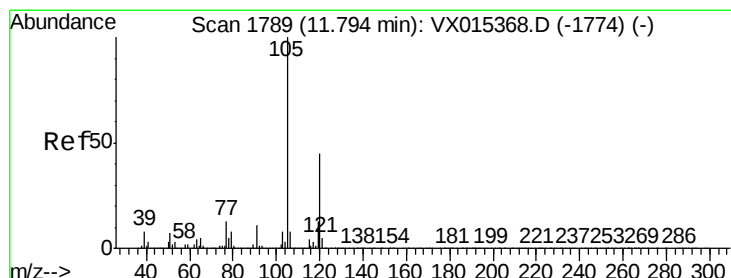
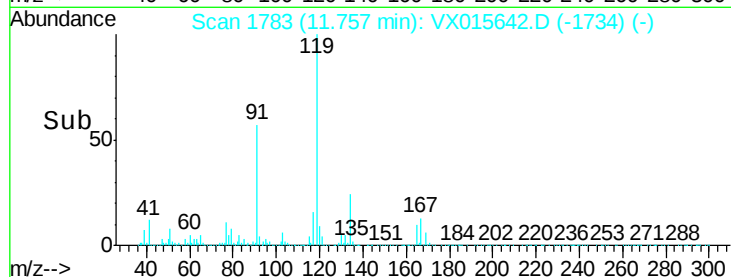
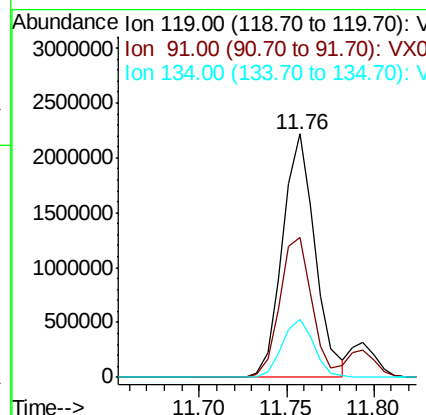
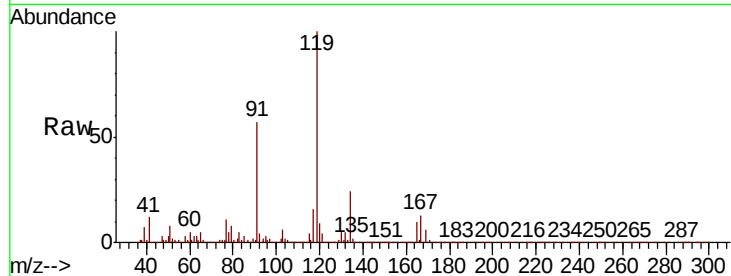




#83
 tert-Butylbenzene
 Concen: 57.083 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

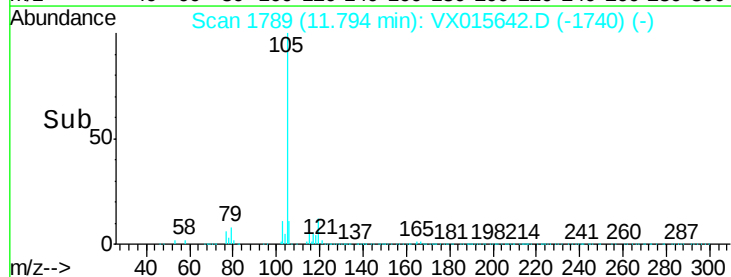
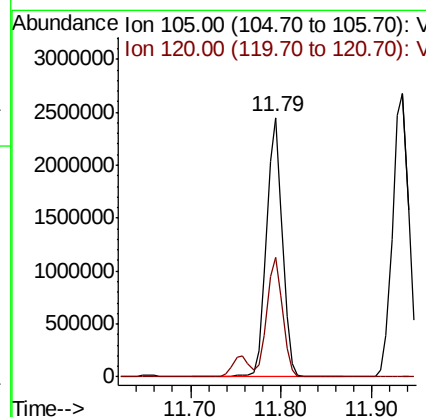
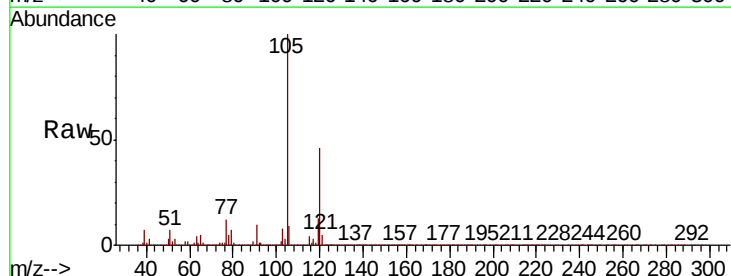
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

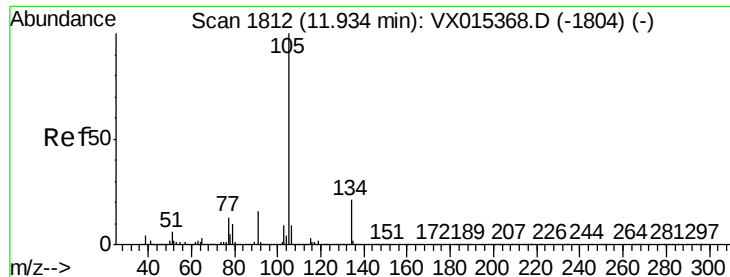
Tot Ion:119 Resp: 2878690
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.6 85.8
 134 23.3 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 56.221 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion:105 Resp: 2957891
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 57.455 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

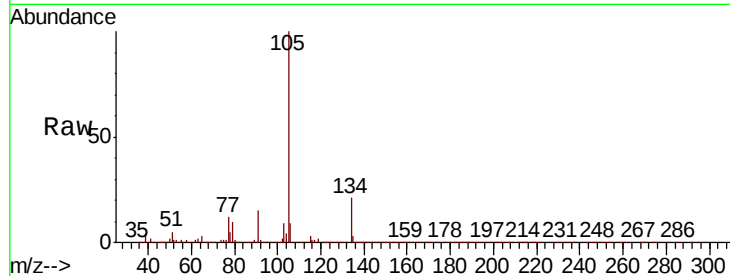
VSTDCCC050

Tot Ion:105 Resp: 3351012

Ion Ratio Lower Upper

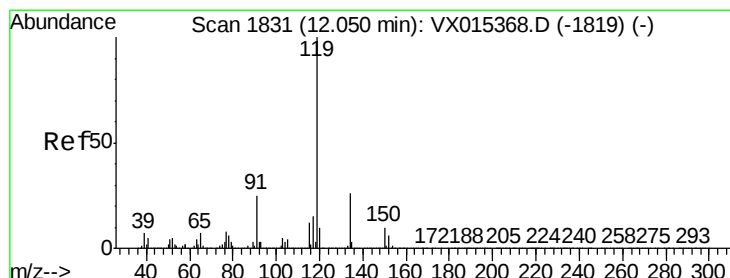
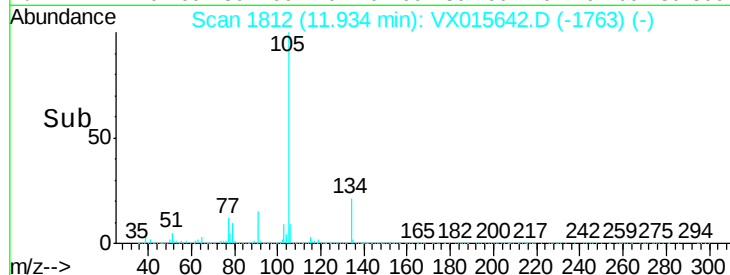
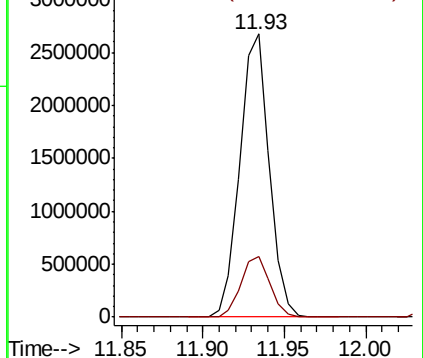
105 100

134 21.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.325 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

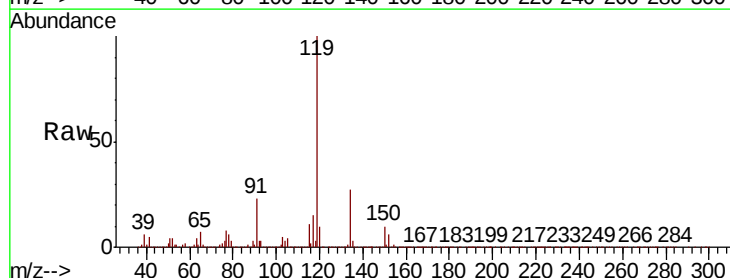
Tgt Ion:119 Resp: 3212164

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

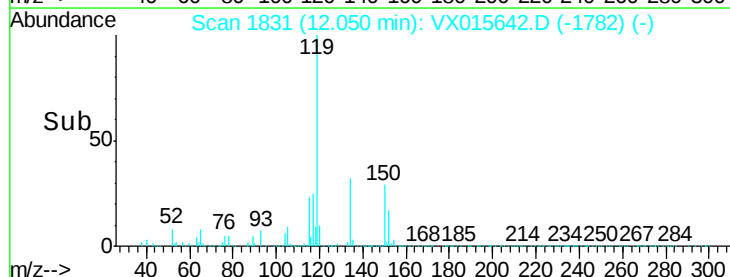
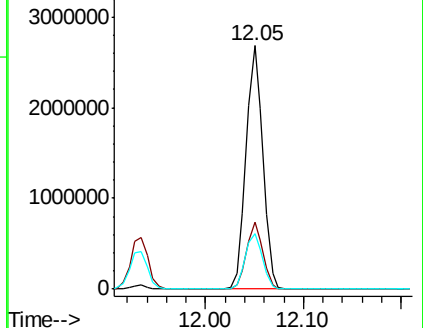
91 23.3 12.4 37.4

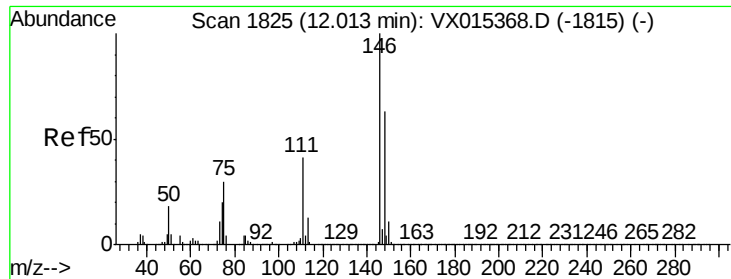


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

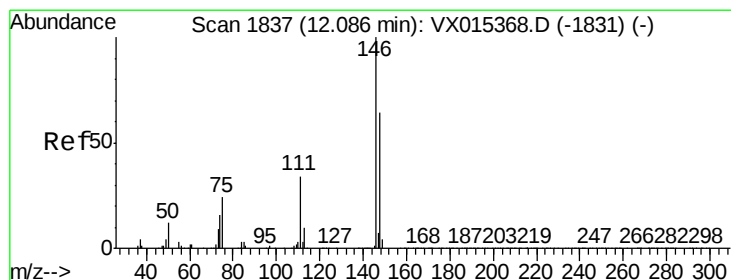
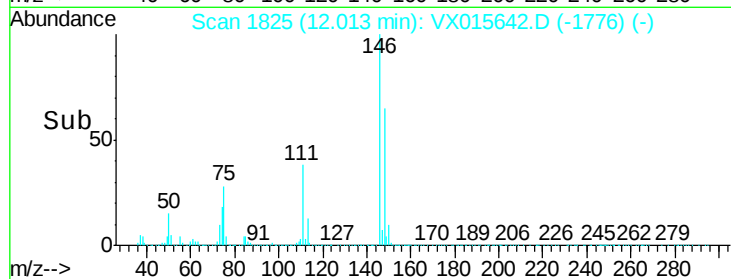
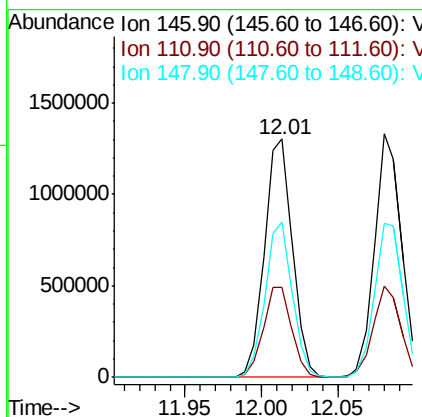
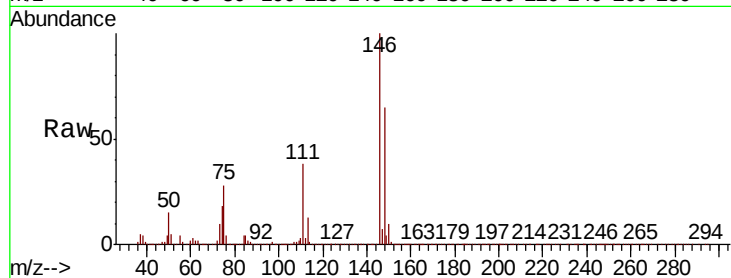




#87
 1,3-Dichlorobenzene
 Concen: 57.615 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

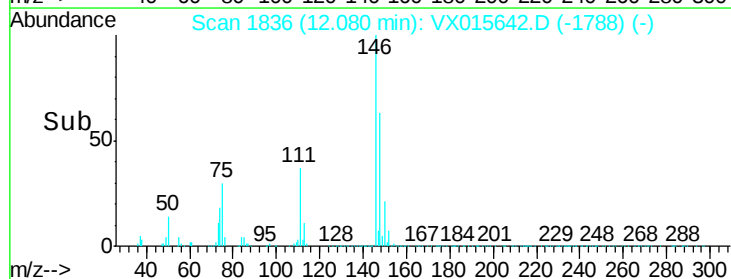
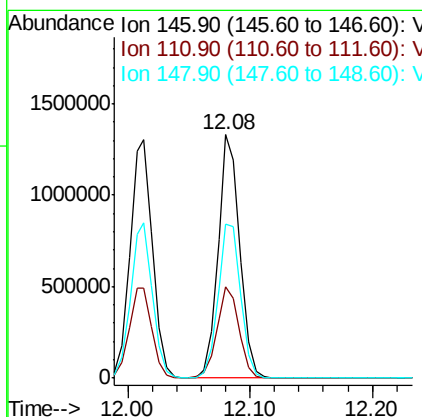
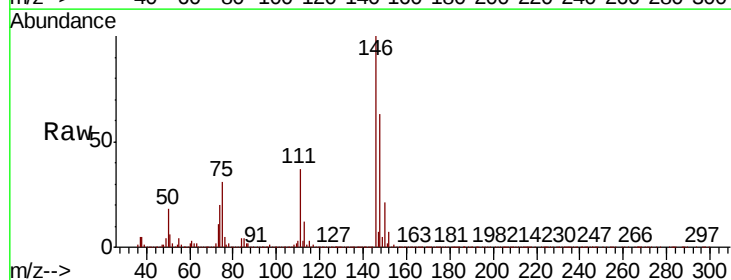
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

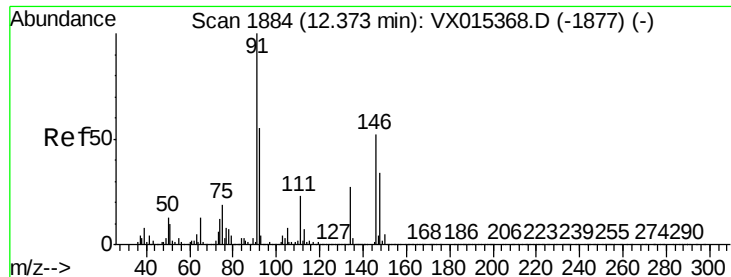
Tot Ion:146 Resp: 1663175
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.3 60.9
 148 63.7 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 55.602 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion:146 Resp: 1634907
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 66.5 32.4 97.2





#89

n-Butylbenzene

Concen: 59.442 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

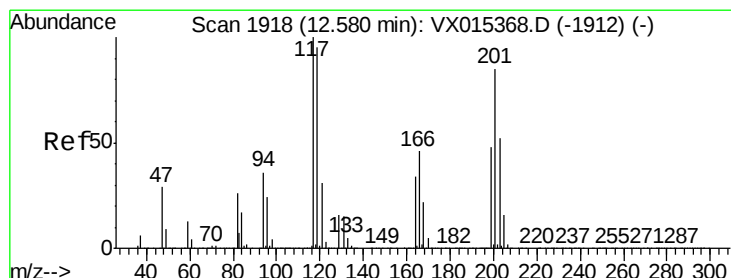
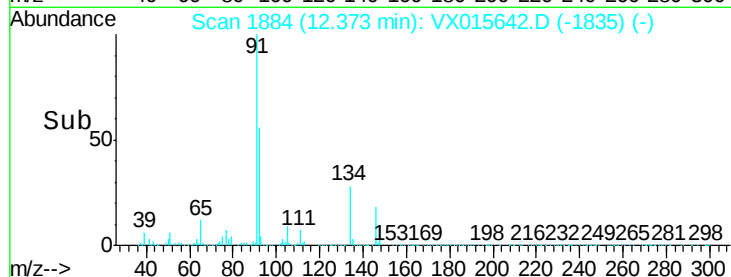
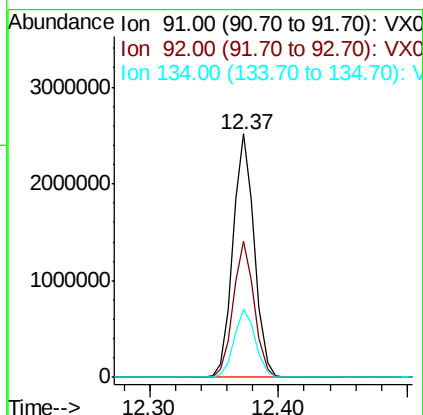
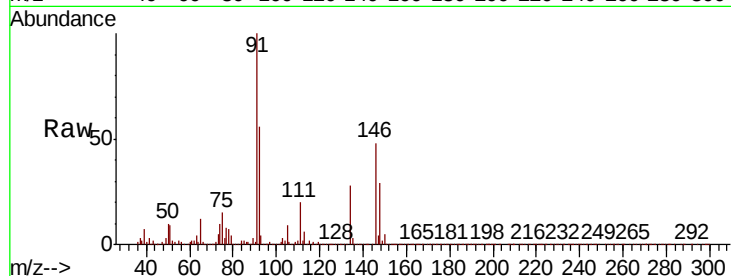
Tot Ion: 91 Resp: 2908454

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.5

134 28.0 13.4 40.2



#90

Hexachloroethane

Concen: 53.731 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015642.D

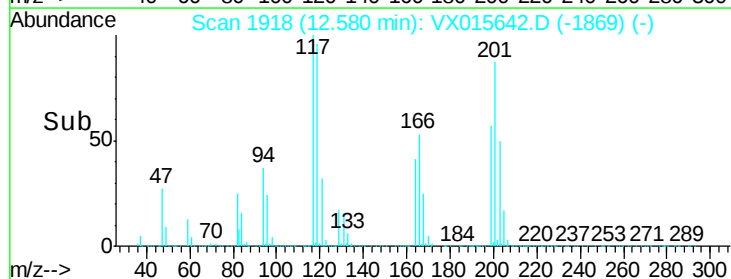
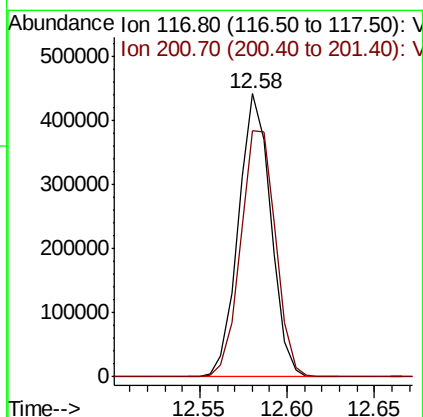
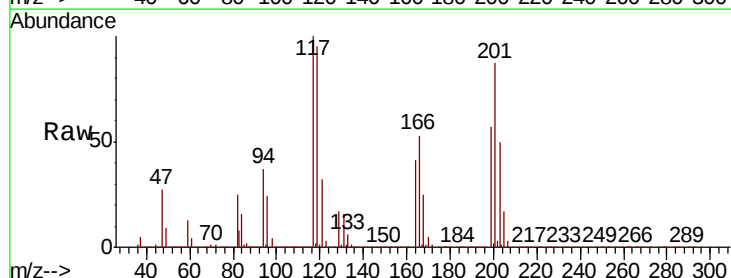
Acq: 13 Apr 2020 14:37

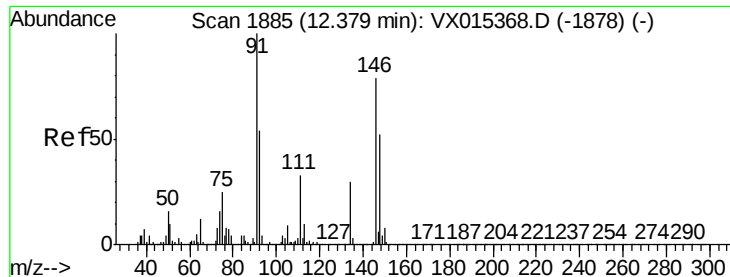
Tgt Ion: 117 Resp: 566247

Ion Ratio Lower Upper

117 100

201 93.7 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 55.933 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

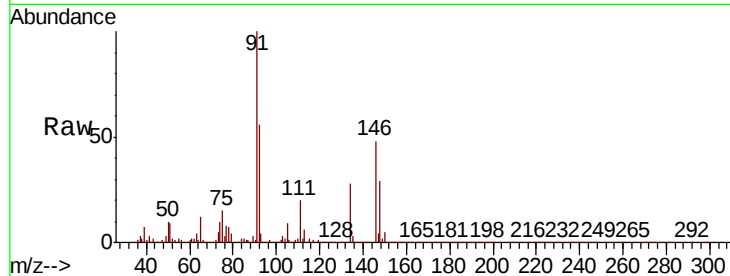
Tot Ion:146 Resp: 1580130

Ion Ratio Lower Upper

146 100

111 40.5 21.0 63.0

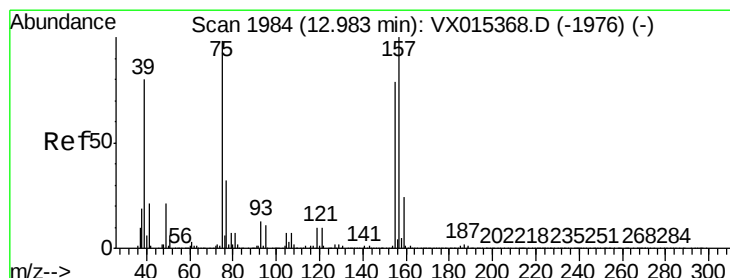
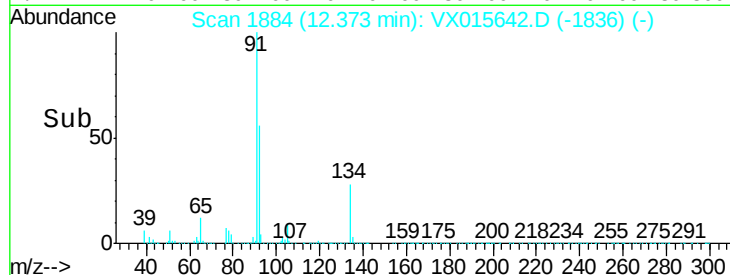
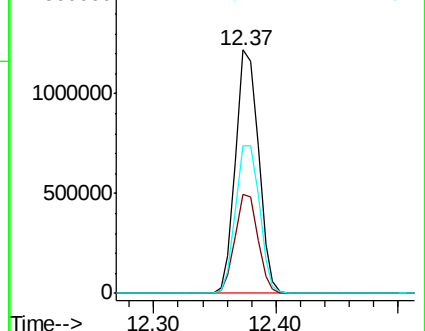
148 63.2 32.4 97.0



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: 43.161 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

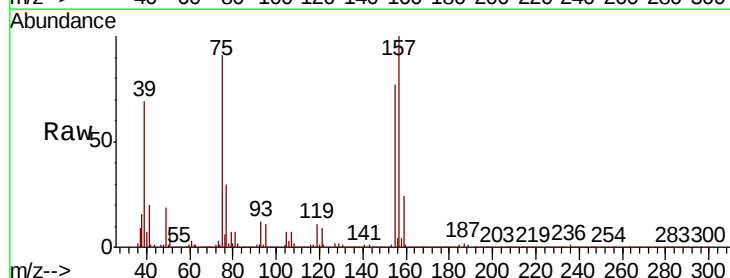
Tgt Ion: 75 Resp: 252694

Ion Ratio Lower Upper

75 100

155 89.8 42.8 128.4

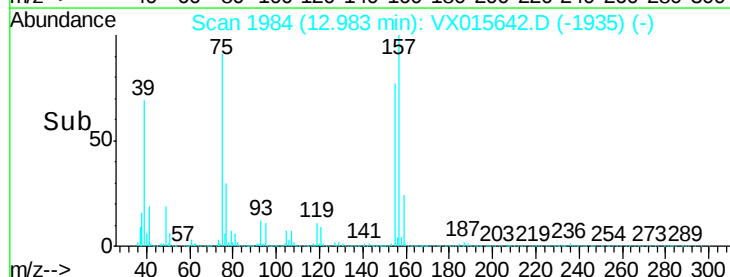
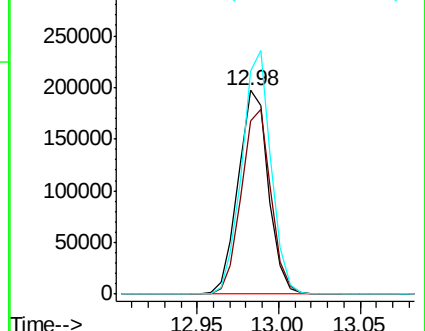
157 116.4 53.4 160.3

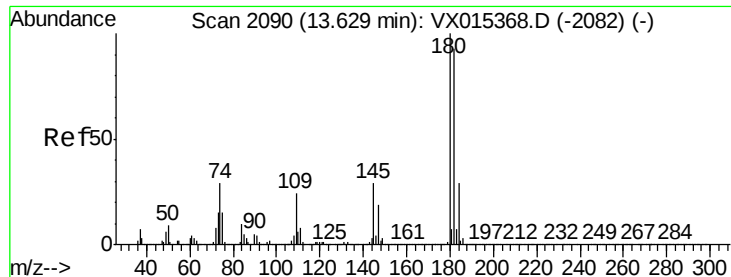


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

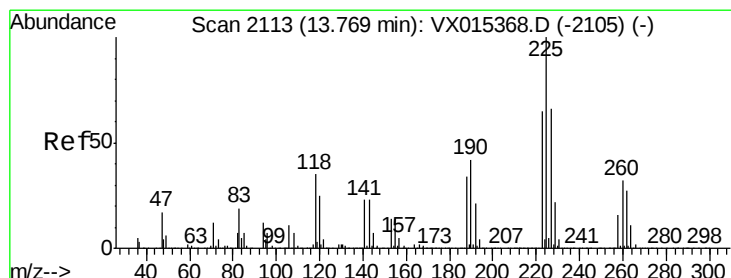
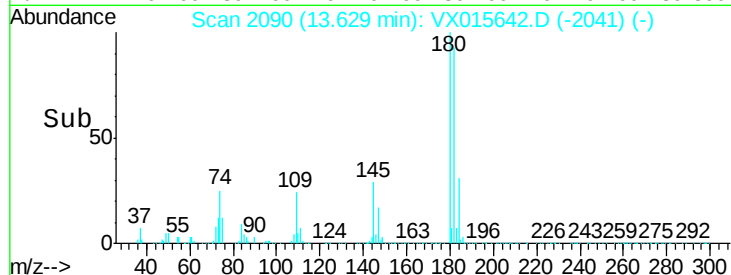
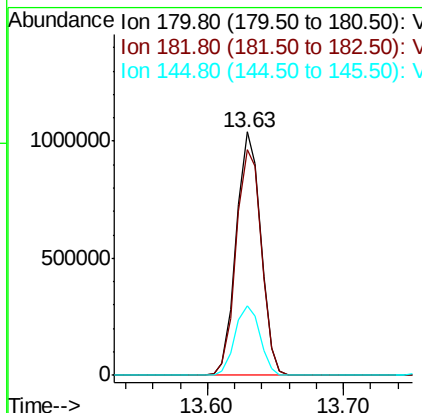
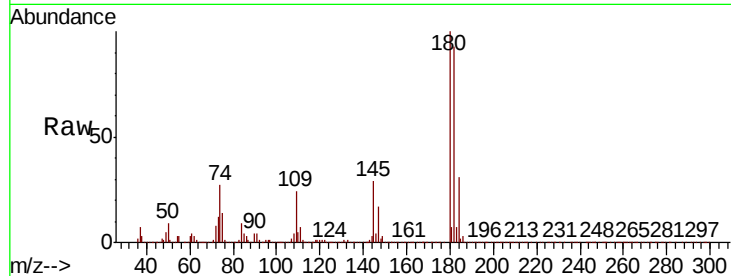




#93
 1,2,4-Trichlorobenzene
 Concen: 58.615 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

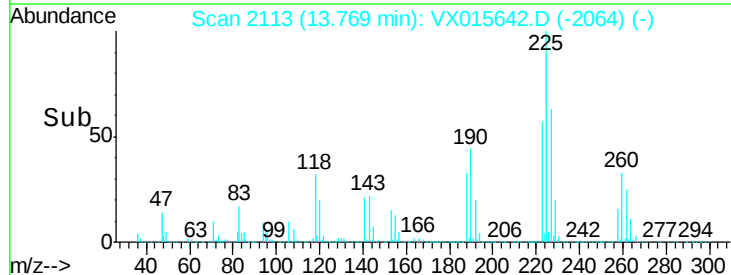
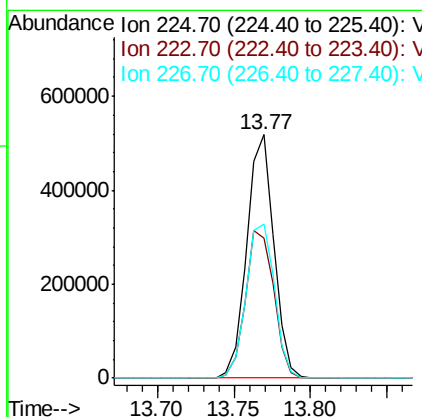
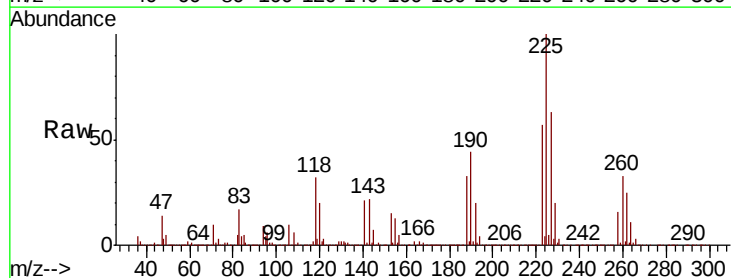
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 1309789
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.7
 145 29.0 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 59.573 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion:225 Resp: 633800
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.7
 227 66.7 30.4 91.3

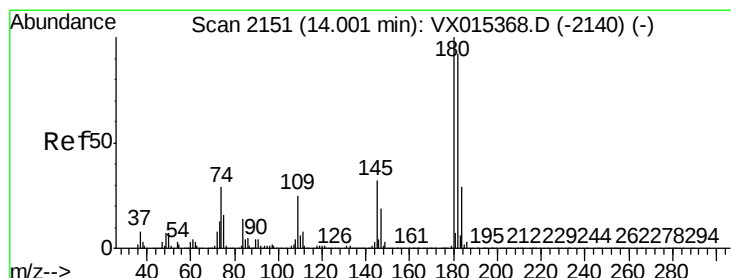
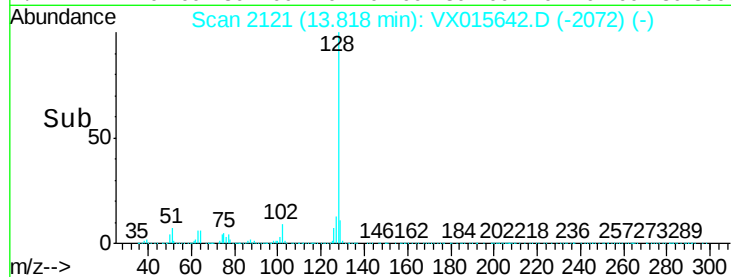
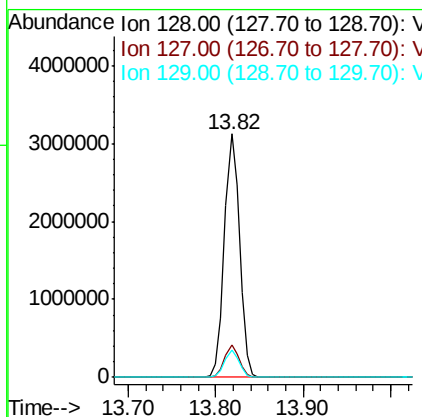
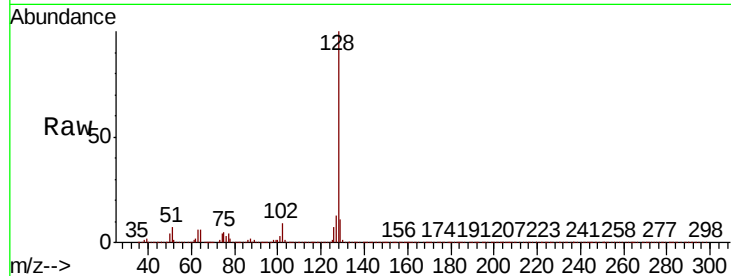




#95
Naphthalene
Concen: 54.682 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 3727239
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 59.385 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:180 Resp: 1277622
Ion Ratio Lower Upper
180 100
182 95.4 46.7 140.0
145 31.1 15.8 47.3

