

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015786.D
 Acq On : 21 Apr 2020 11:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 21 16:18:33 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	5.63	168	1009778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1475183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1340664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	755108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	590672	41.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.94%	
35) Dibromofluoromethane	5.47	113	470307	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.70	98	1746167	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.12	95	705469	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	401702	45.154	ug/l	99
3) Chloromethane	1.31	50	423289	37.362	ug/l	99
4) Vinyl Chloride	1.39	62	501550	48.212	ug/l	98
5) Bromomethane	1.62	94	147986	27.167	ug/l	99
6) Chloroethane	1.70	64	317845	49.264	ug/l	99
7) Trichlorofluoromethane	1.91	101	708994	50.820	ug/l	99
8) Diethyl Ether	2.17	74	289561	49.208	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	487340	53.584	ug/l	97
10) Methyl Iodide	2.49	142	347119	28.308	ug/l	98
11) Tert butyl alcohol	3.01	59	646809	189.744	ug/l	100
12) 1,1-Dichloroethene	2.36	96	462574	48.522	ug/l	97
13) Acrolein	2.27	56	404360	208.236	ug/l	99
14) Allyl chloride	2.70	41	1004041	45.074	ug/l	99
15) Acrylonitrile	3.11	53	1540580	236.978	ug/l	100
16) Acetone	2.42	43	2031493	332.019	ug/l	98
17) Carbon Disulfide	2.55	76	1246420	42.859	ug/l	99
18) Methyl Acetate	2.75	43	772548	49.470	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1780300	48.150	ug/l	99
20) Methylene Chloride	2.83	84	541430	47.375	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	506692	47.890	ug/l	97
22) Diisopropyl ether	3.83	45	1941897	49.197	ug/l	93
23) Vinyl Acetate	3.78	43	8398907	235.012	ug/l	100
24) 1,1-Dichloroethane	3.67	63	994499	47.853	ug/l	99
25) 2-Butanone	4.64	43	2521556	256.255	ug/l	99
26) 2,2-Dichloropropane	4.55	77	888159	52.065	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	613183	50.094	ug/l	98
28) Bromochloromethane	4.98	49	422696	42.599	ug/l	94
29) Tetrahydrofuran	5.09	42	1412293	223.256	ug/l	98
30) Chloroform	5.18	83	974604	48.743	ug/l	94
31) Cyclohexane	5.55	56	859729	47.686	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	865266	47.817	ug/l	99
36) 1,1-Dichloropropene	5.77	75	730515	53.745	ug/l	99
37) Ethyl Acetate	4.80	43	865357	48.896	ug/l	99
38) Carbon Tetrachloride	5.76	117	765499	51.998	ug/l	96

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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)
39) Methylcyclohexane	7.44	83	854429	54.520	ug/l	97
40) Benzene	6.12	78	2138994	53.723	ug/l	97
41) Methacrylonitrile	5.00	41	510135	51.925	ug/l	98
42) 1,2-Dichloroethane	6.16	62	806461	50.426	ug/l	97
43) Isopropyl Acetate	6.41	43	1490157	49.878	ug/l	98
44) Trichloroethene	7.19	130	615610	56.693	ug/l	90
45) 1,2-Dichloropropane	7.49	63	585356	53.742	ug/l	97
46) Dibromomethane	7.64	93	380978	53.322	ug/l	95
47) Bromodichloromethane	7.87	83	799780	52.533	ug/l	98
48) Methyl methacrylate	7.75	41	744133	49.866	ug/l	96
49) 1,4-Dioxane	7.72	88	247565	889.295	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4388642	259.202	ug/l	99
52) Toluene	8.77	92	1380891	56.255	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	920493	51.553	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	966451	53.136	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	559551	55.638	ug/l	99
56) Ethyl methacrylate	9.16	69	936991	52.865	ug/l	95
57) 1,3-Dichloropropane	9.36	76	966495	53.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1754413	203.501	ug/l	99
59) 2-Hexanone	9.47	43	3479279	272.184	ug/l	98
60) Dibromochloromethane	9.57	129	662868	54.851	ug/l	100
61) 1,2-Dibromoethane	9.65	107	592628	54.193	ug/l	99
64) Tetrachloroethene	9.32	164	538758	53.249	ug/l	94
65) Chlorobenzene	10.12	112	1546625	57.846	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	603580	56.507	ug/l	99
67) Ethyl Benzene	10.24	91	2696500	56.864	ug/l	97
68) m/p-Xylenes	10.34	106	2037430	115.384	ug/l	97
69) o-Xylene	10.68	106	995039	57.026	ug/l	98
70) Styrene	10.70	104	1759168	57.294	ug/l	98
71) Bromoform	10.84	173	518417	53.314	ug/l #	98
73) Isopropylbenzene	11.00	105	2681074	54.189	ug/l	100
74) N-amyl acetate	10.88	43	1299953	47.241	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	872805	51.411	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1017941	65.554	ug/l	83
77) Bromobenzene	11.24	156	721739	54.689	ug/l	94
78) n-propylbenzene	11.35	91	3051674	53.941	ug/l	99
79) 2-Chlorotoluene	11.41	91	1833342	52.871	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	2278687	53.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	305653	47.230	ug/l	96
82) 4-Chlorotoluene	11.50	91	2157382	53.071	ug/l	99
83) tert-Butylbenzene	11.76	119	2269872	54.996	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2325739	54.013	ug/l	99
85) sec-Butylbenzene	11.93	105	2645342	55.418	ug/l	100
86) p-Isopropyltoluene	12.05	119	2507142	56.577	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1325659	56.111	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1352371	56.197	ug/l	99
89) n-Butylbenzene	12.37	91	2217452	55.373	ug/l	98
90) Hexachloroethane	12.58	117	428921	49.729	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	1248485	53.998	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	203052	42.376	ug/l	89

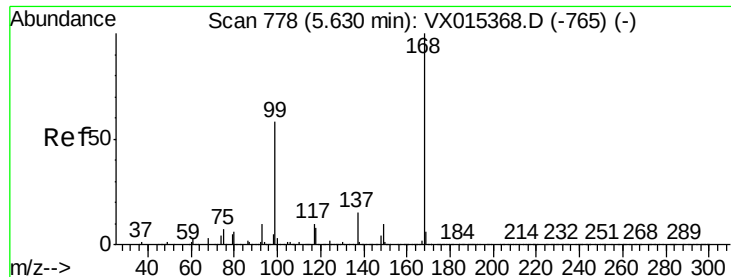
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1083832	59.263	ug/l	96
94) Hexachlorobutadiene	13.77	225	452477	51.965	ug/l	97
95) Naphthalene	13.82	128	2947659	52.839	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1025052	58.215	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

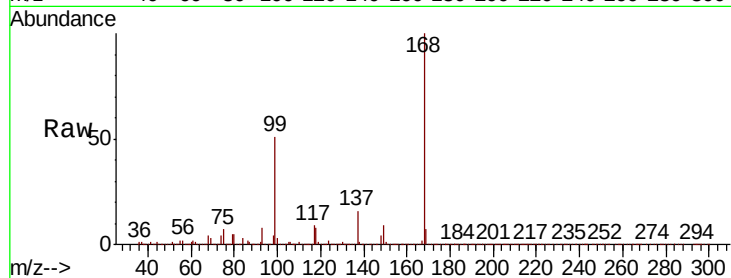
VSTDCCC050

Tot Ion:168 Resp: 1009778

Ion Ratio Lower Upper

168 100

99 50.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

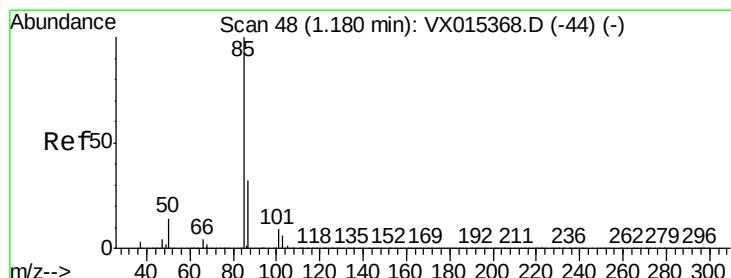
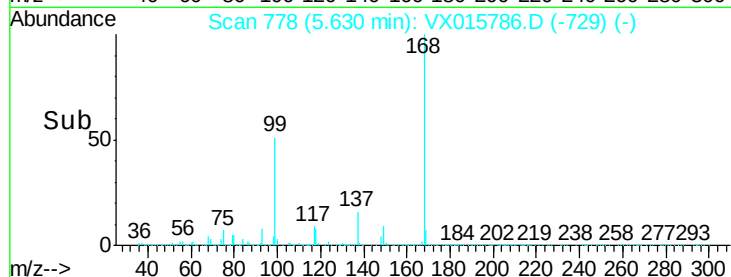
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.154 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015786.D

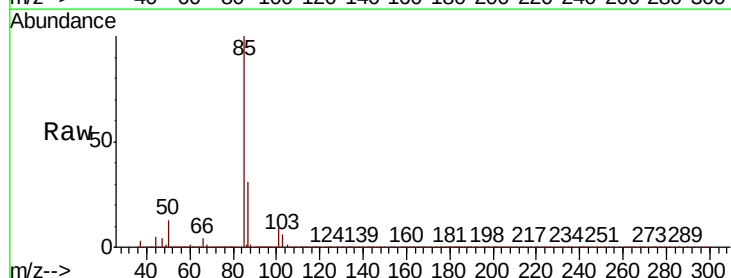
Acq: 21 Apr 2020 11:44

Tgt Ion: 85 Resp: 401702

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

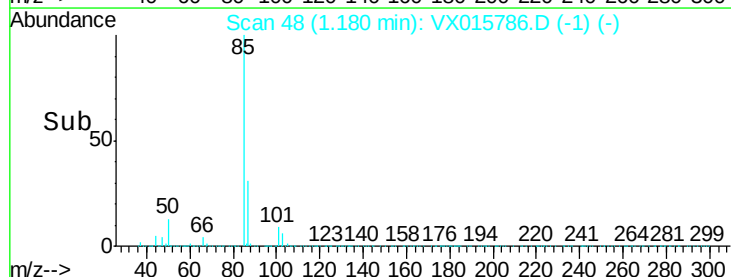
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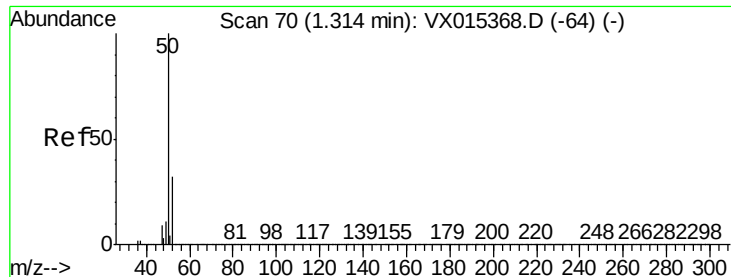
100000

0

1.10 1.15 1.20 1.25

Time-->

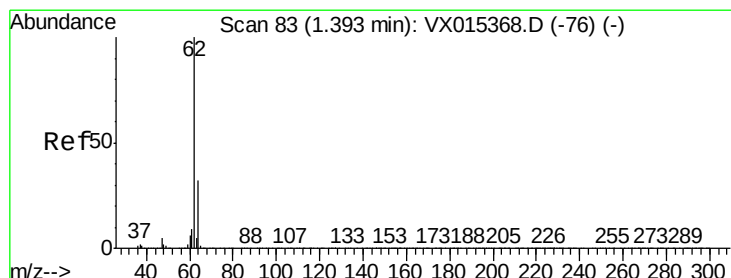
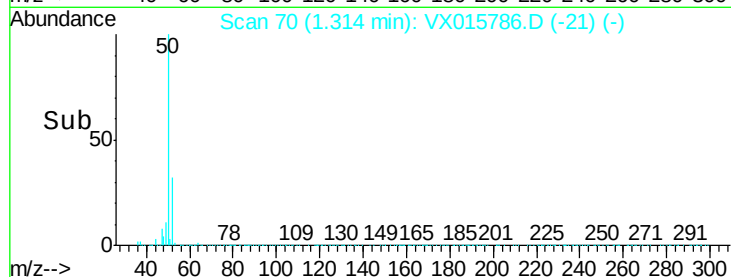
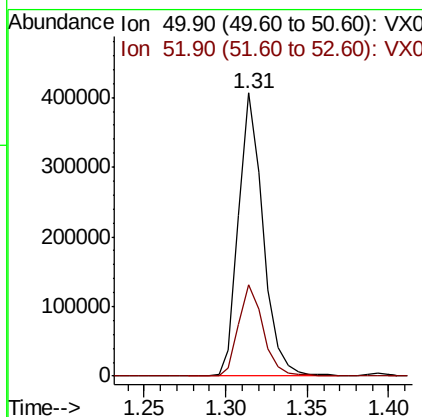
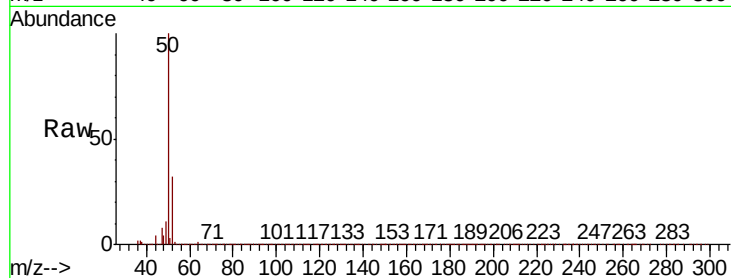




#3
Chloromethane
Concen: 37.362 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

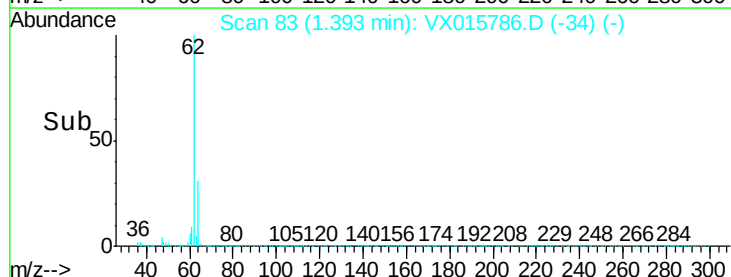
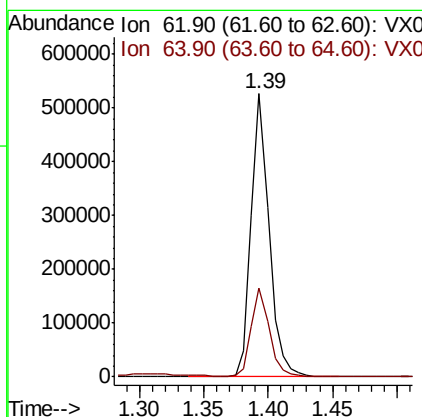
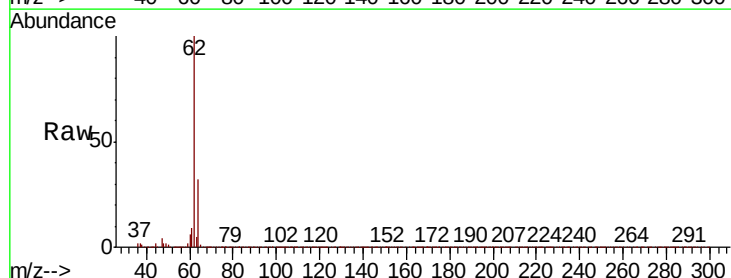
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

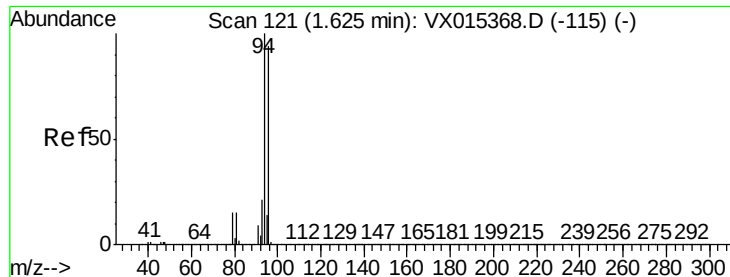
Tot Ion: 50 Resp: 423289
Ion Ratio Lower Upper
50 100
52 32.2 25.3 37.9



#4
Vinyl Chloride
Concen: 48.212 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 62 Resp: 501550
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5

Bromomethane

Concen: 27.167 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

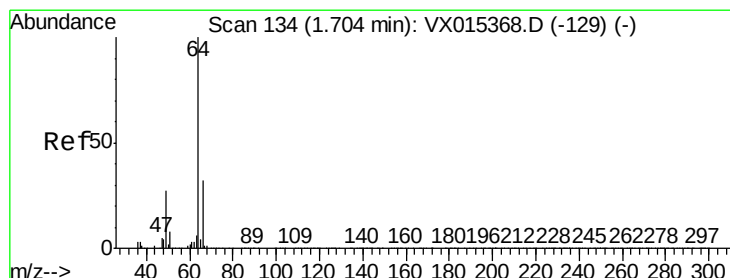
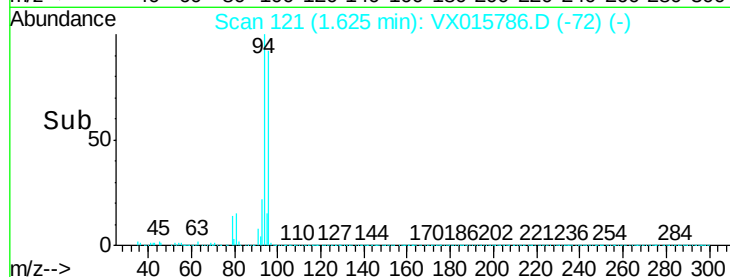
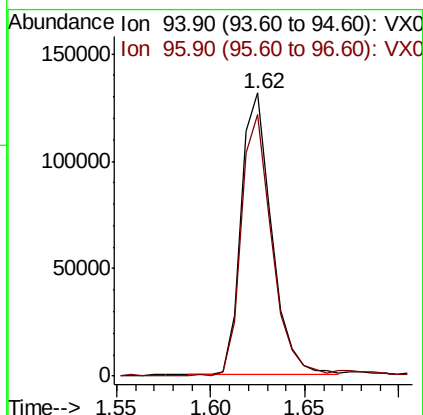
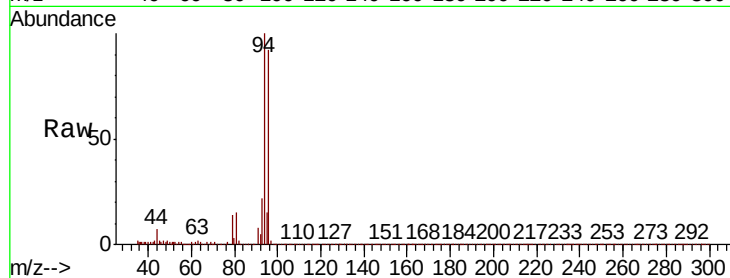
VSTDCCC050

Tot Ion: 94 Resp: 147986

Ion Ratio Lower Upper

94 100

96 92.3 74.8 112.2



#6

Chloroethane

Concen: 49.264 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015786.D

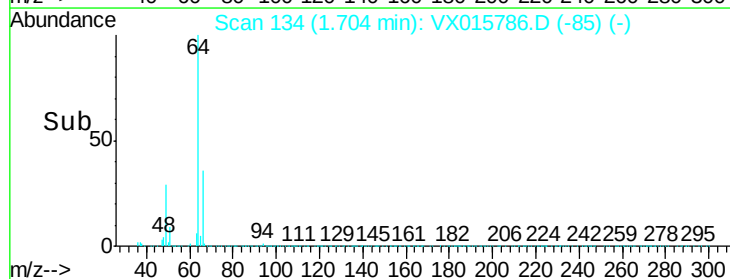
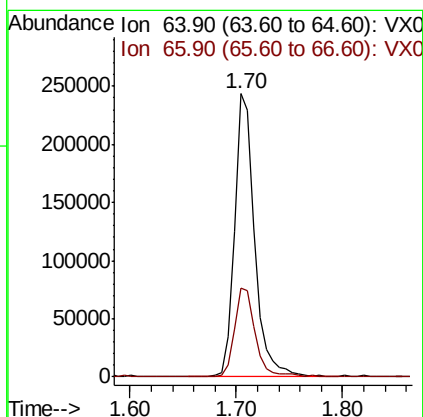
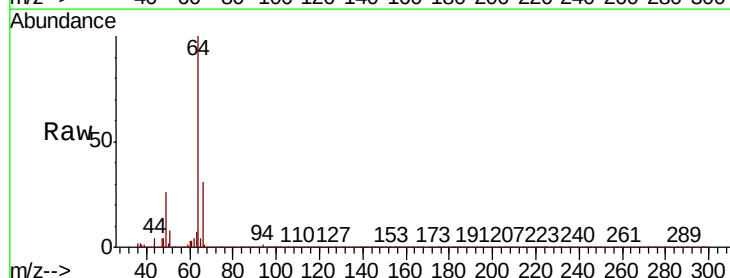
Acq: 21 Apr 2020 11:44

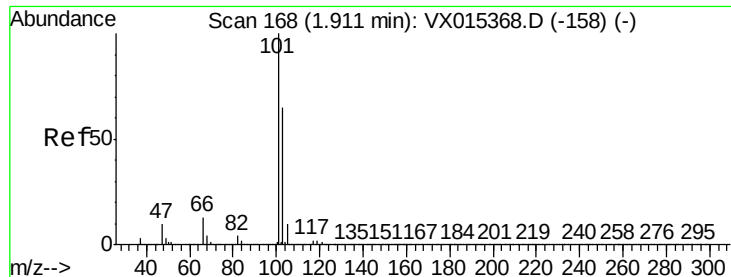
Tgt Ion: 64 Resp: 317845

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.2



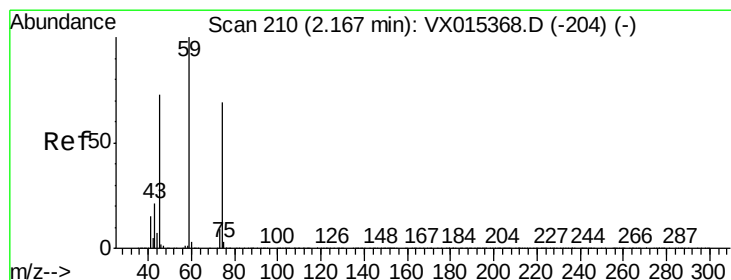
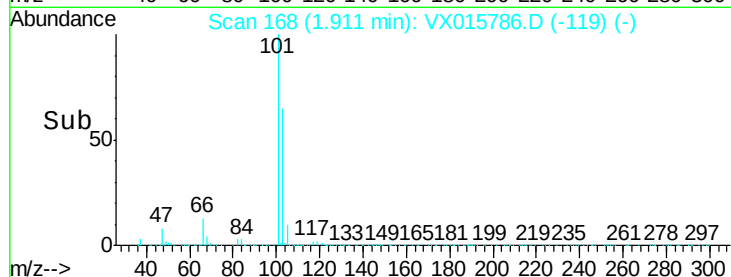
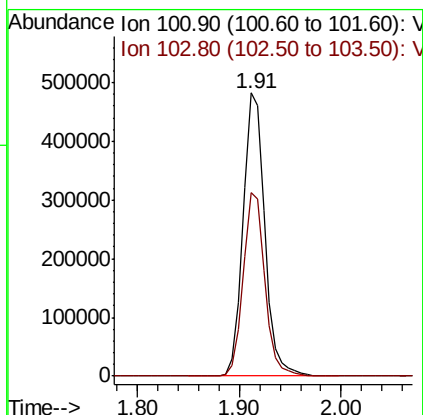
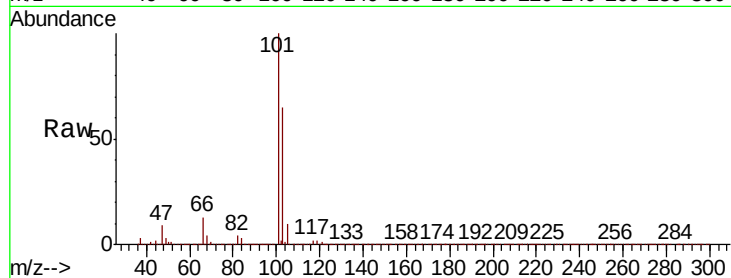


#7

Trichlorofluoromethane
Concen: 50.820 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

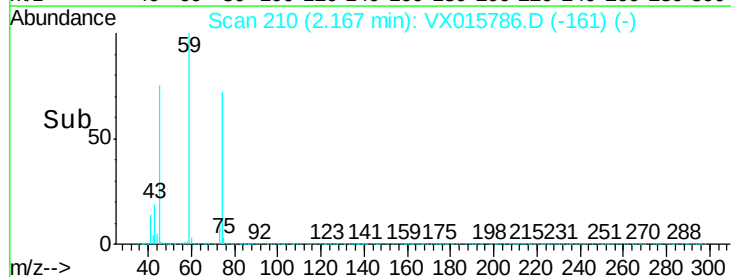
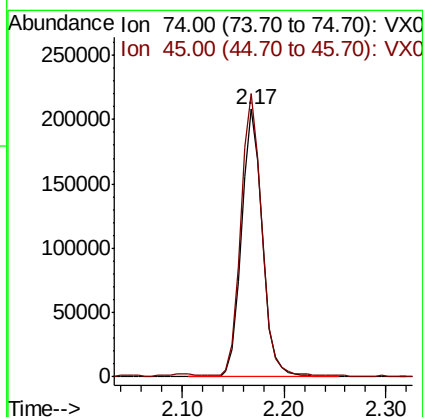
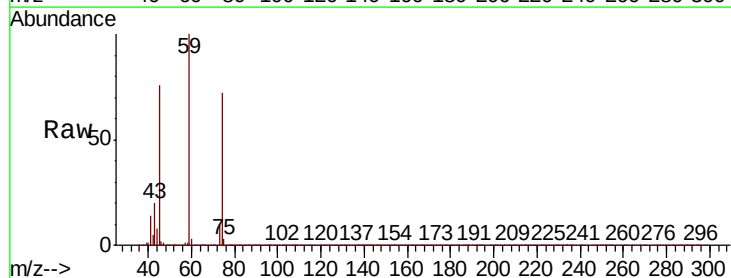
Tot Ion:101 Resp: 708994
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5

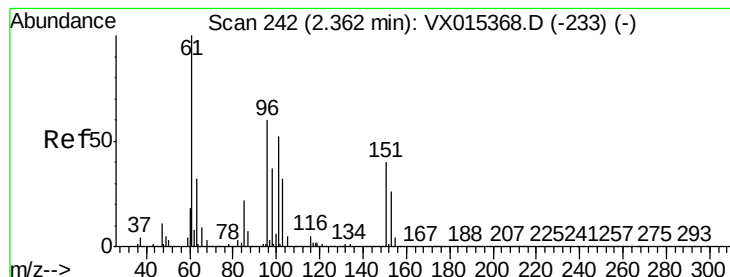


#8

Diethyl Ether
Concen: 49.208 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 74 Resp: 289561
Ion Ratio Lower Upper
74 100
45 105.4 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.584 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

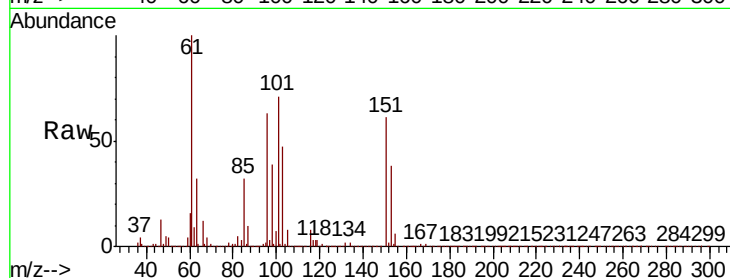
Tot Ion:101 Resp: 487340

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.4

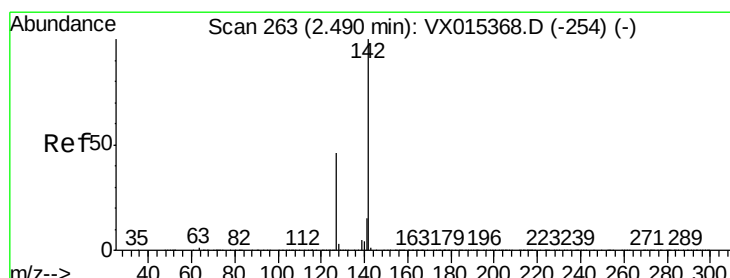
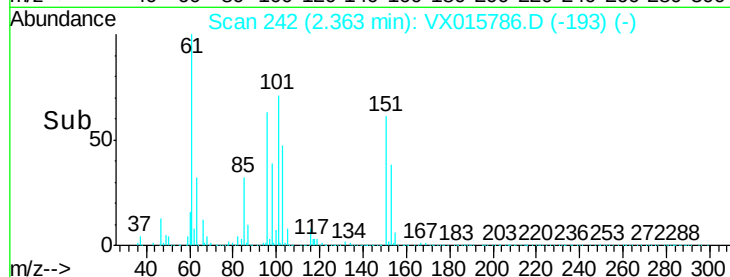
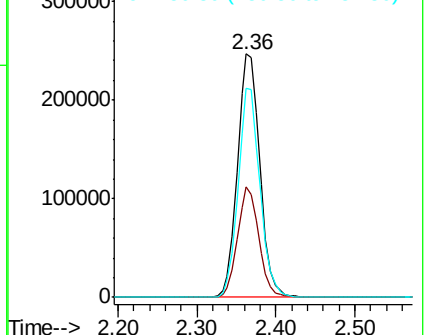
151 83.8 64.1 96.1



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: 28.308 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

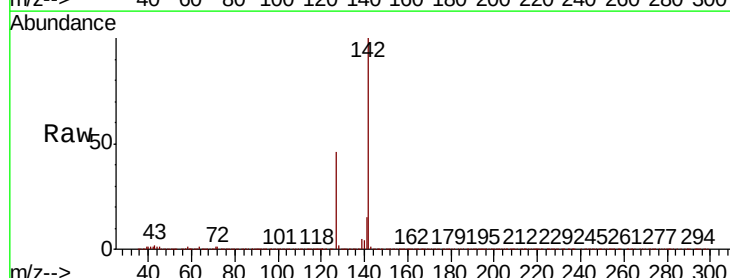
Tgt Ion:142 Resp: 347119

Ion Ratio Lower Upper

142 100

127 43.5 35.9 53.9

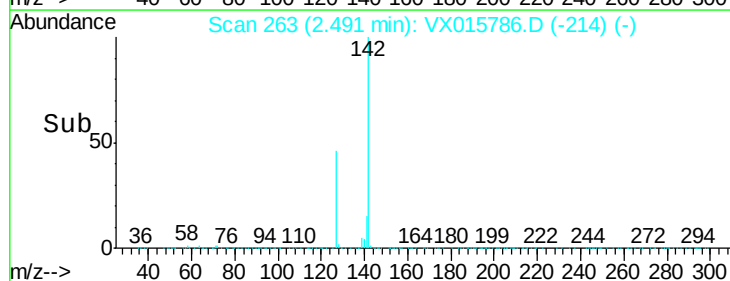
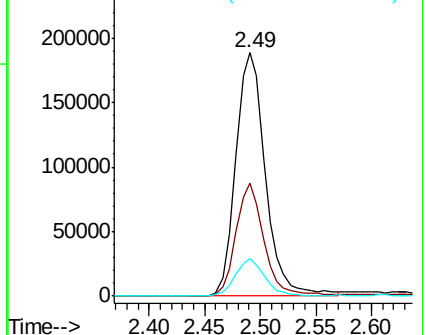
141 15.1 11.6 17.4

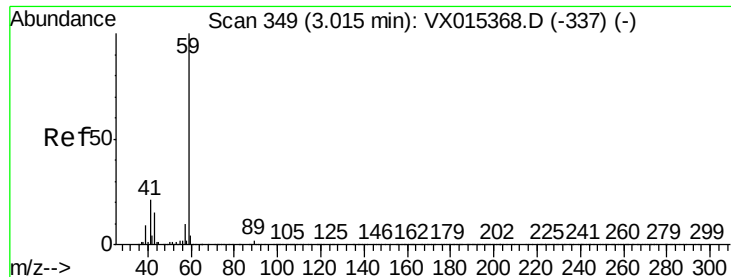


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



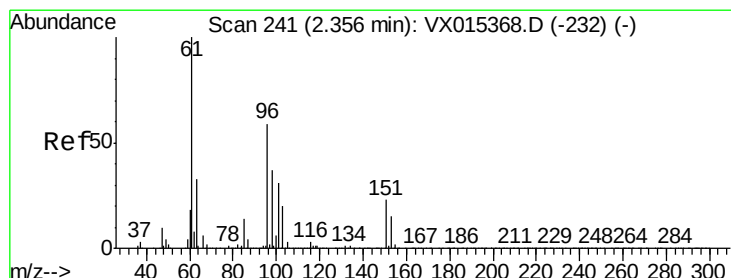
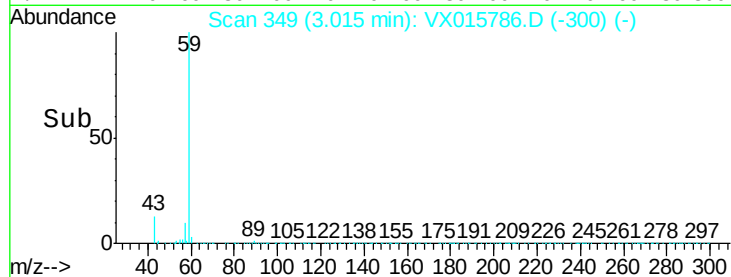
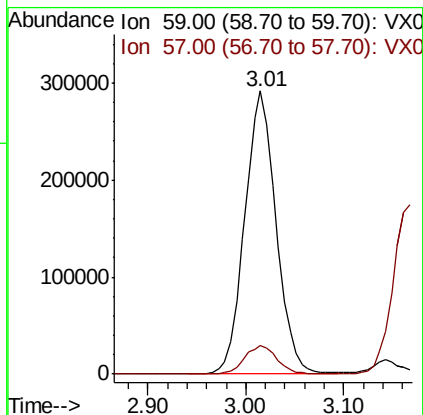
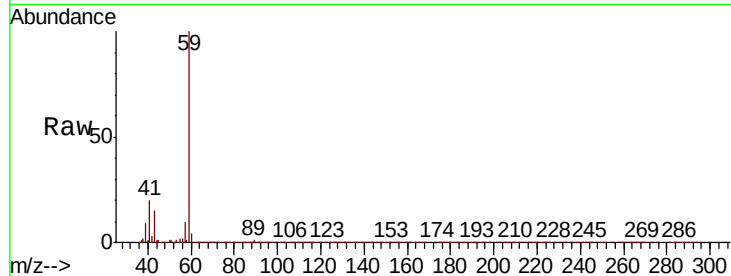


#11

Tert butyl alcohol
Concen: 189.744 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

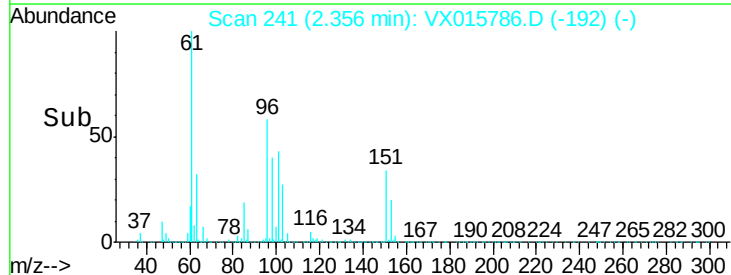
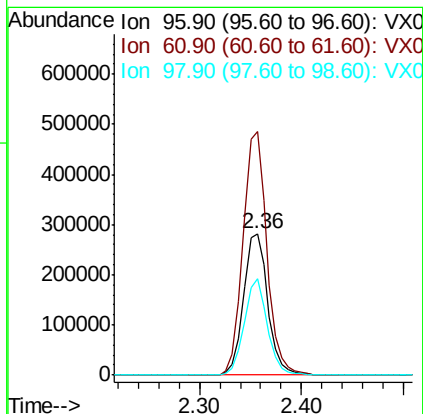
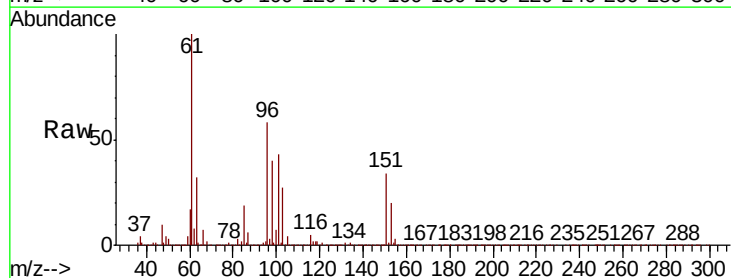
Tot Ion: 59 Resp: 646809
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

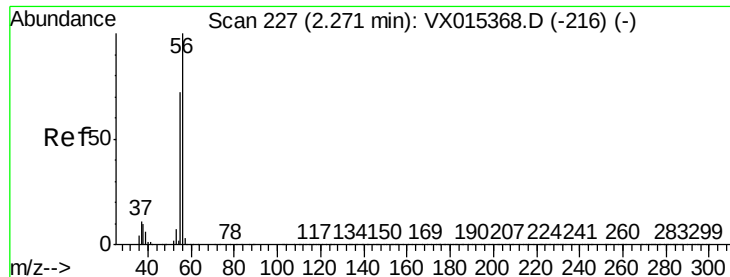


#12

1,1-Dichloroethene
Concen: 48.522 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 96 Resp: 462574
Ion Ratio Lower Upper
96 100
61 171.9 135.7 203.5
98 68.1 50.6 75.8

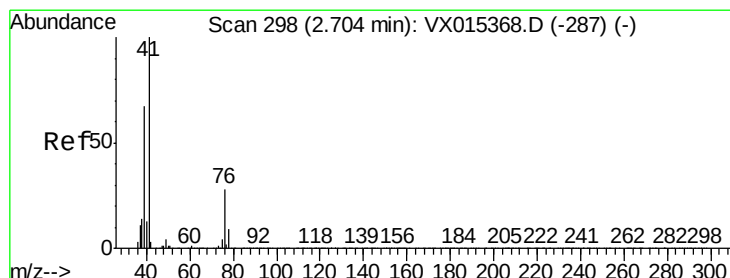
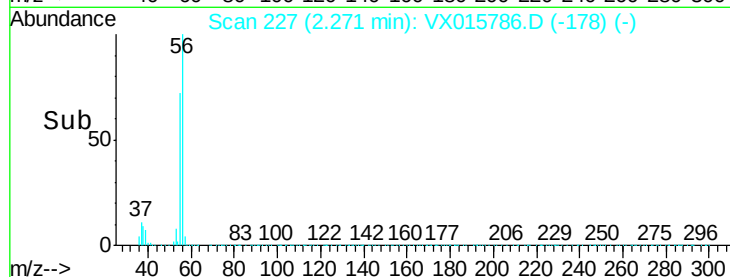
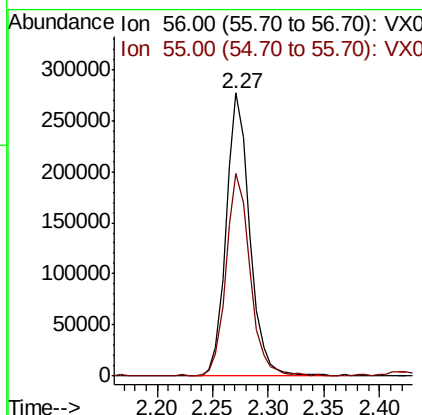
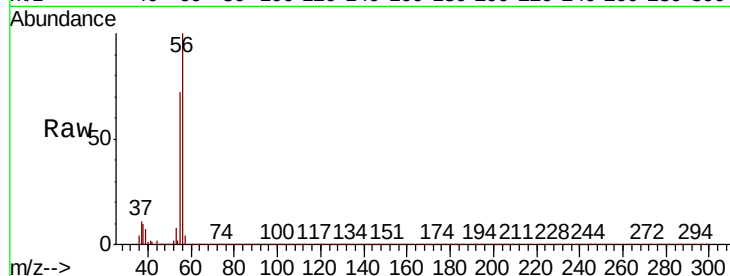




#13
Acrolein
Concen: 208.236 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

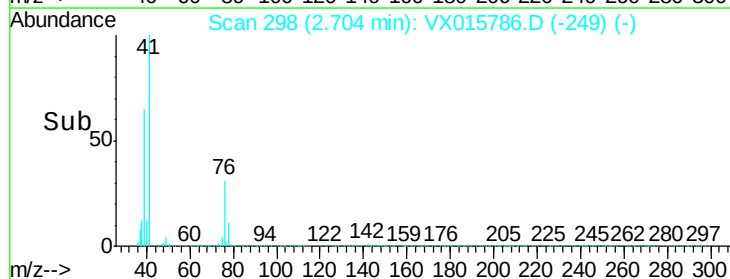
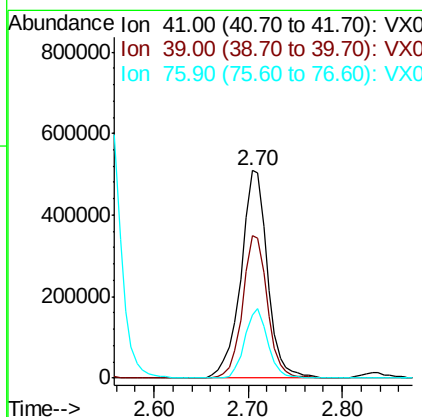
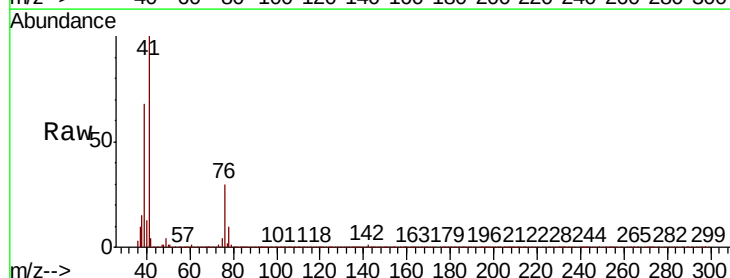
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

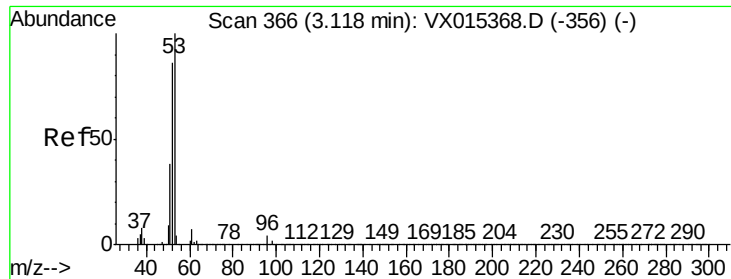
Tot Ion: 56 Resp: 404360
Ion Ratio Lower Upper
56 100
55 72.3 57.0 85.4



#14
Allyl chloride
Concen: 45.074 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 41 Resp: 1004041
Ion Ratio Lower Upper
41 100
39 64.5 51.4 77.0
76 29.0 21.8 32.8





#15

Acrylonitrile

Concen: 236.978 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

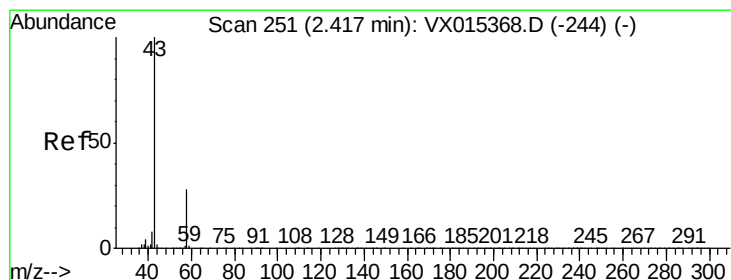
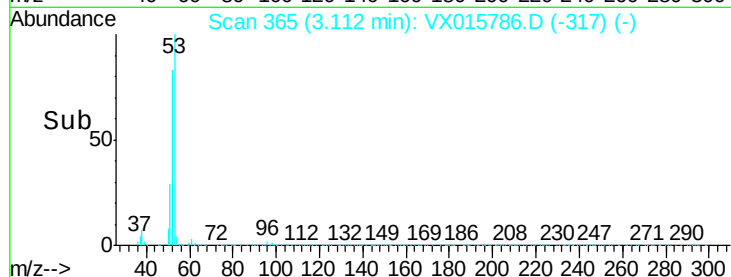
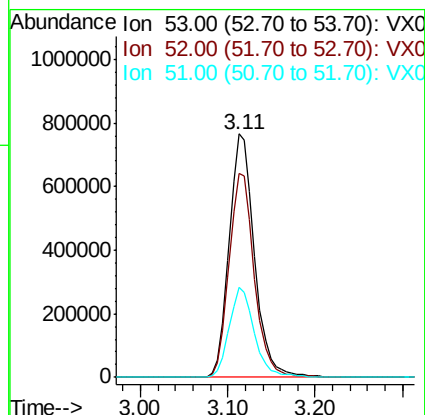
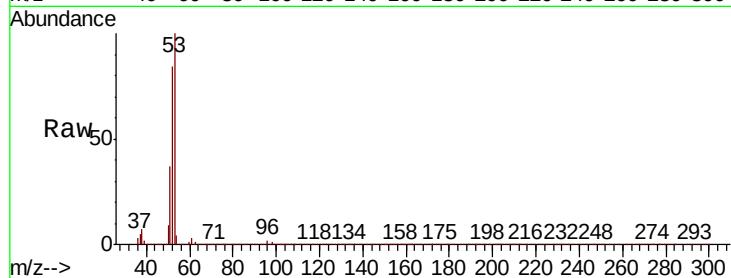
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1540580

Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.8	100.2
51	36.7	29.5	44.3



#16

Acetone

Concen: 332.019 ug/l

RT: 2.42 min Scan# 251

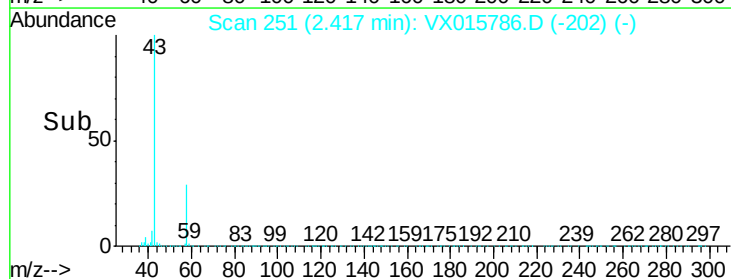
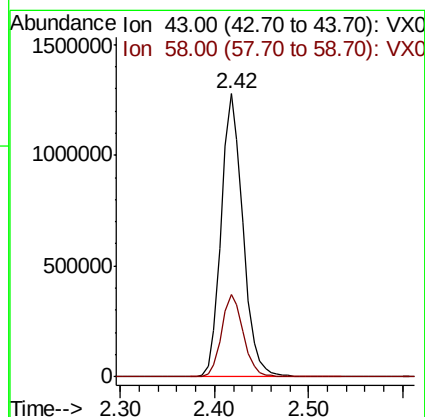
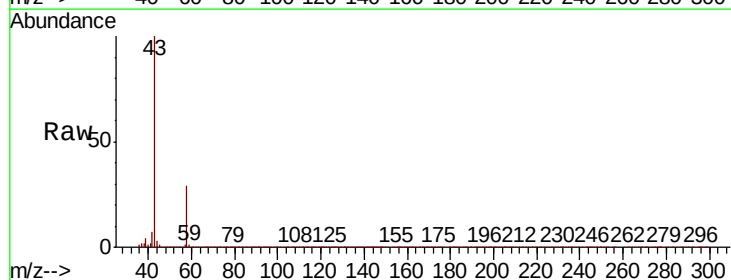
Delta R.T. 0.00 min

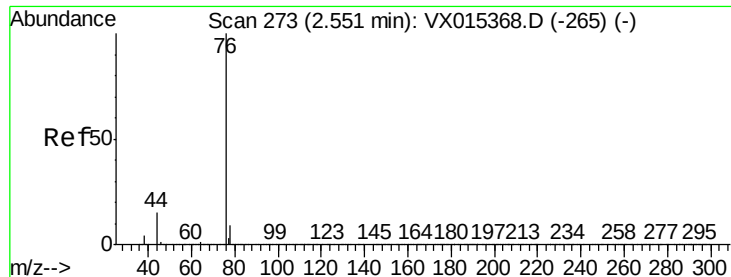
Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tgt Ion: 43 Resp: 2031493

Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.1	33.1





#17

Carbon Disulfide

Concen: 42.859 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

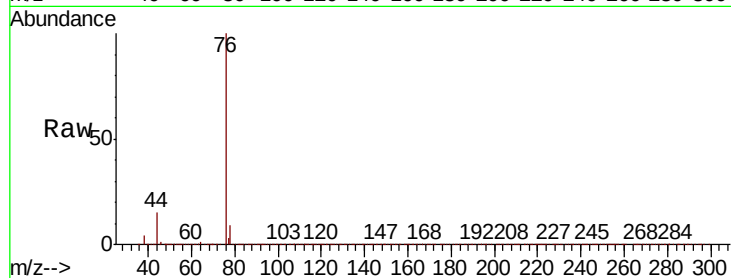
VSTDCCC050

Tot Ion: 76 Resp: 1246420

Ion Ratio Lower Upper

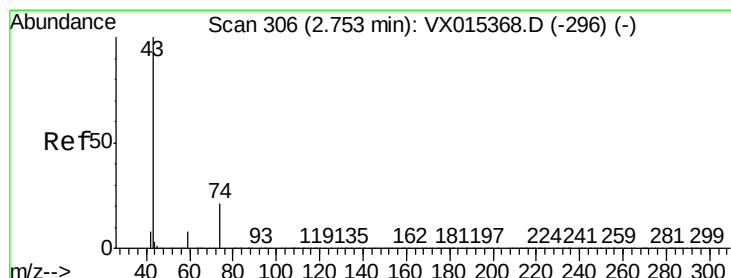
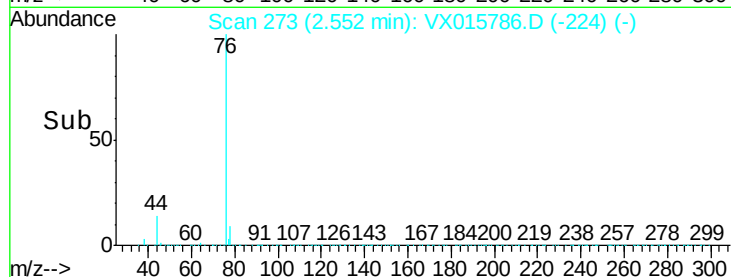
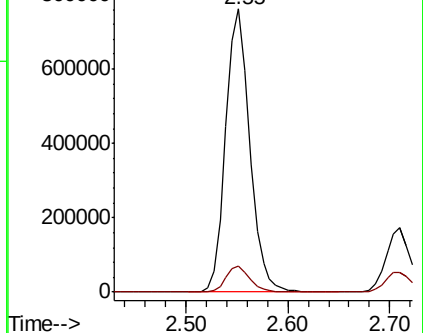
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.470 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015786.D

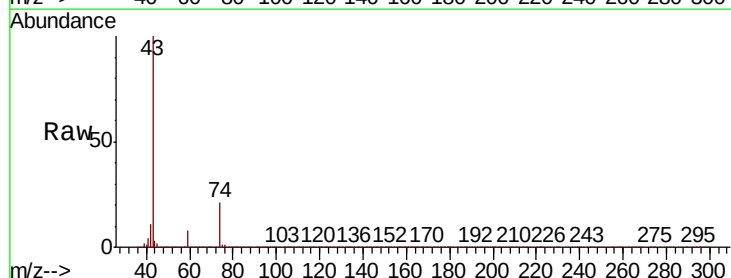
Acq: 21 Apr 2020 11:44

Tgt Ion: 43 Resp: 772548

Ion Ratio Lower Upper

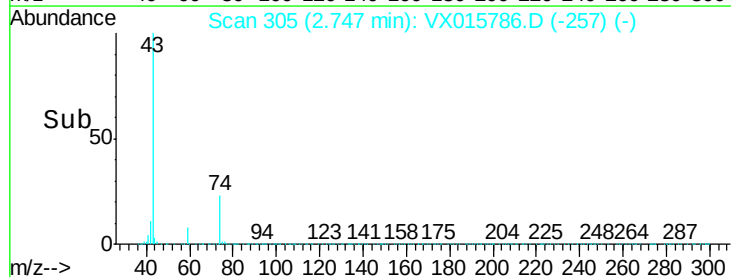
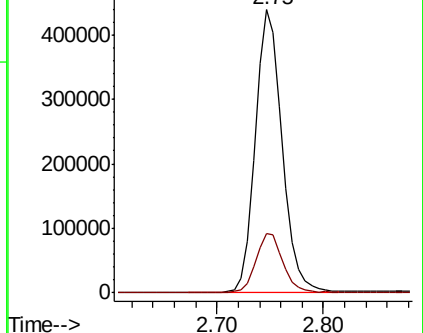
43 100

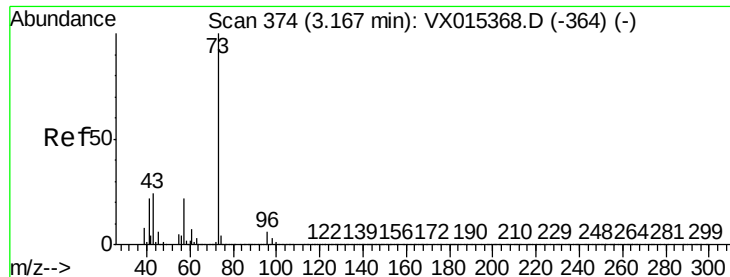
74 21.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether
 Concen: 48.150 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

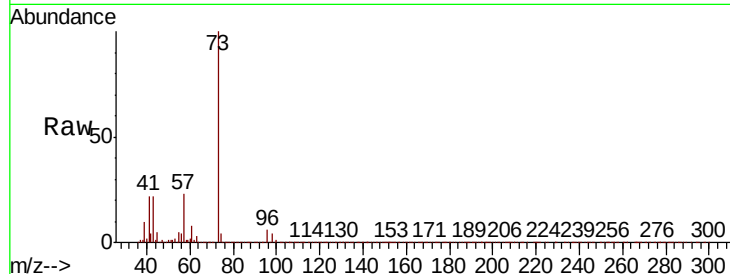
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 1780300

Ion Ratio Lower Upper

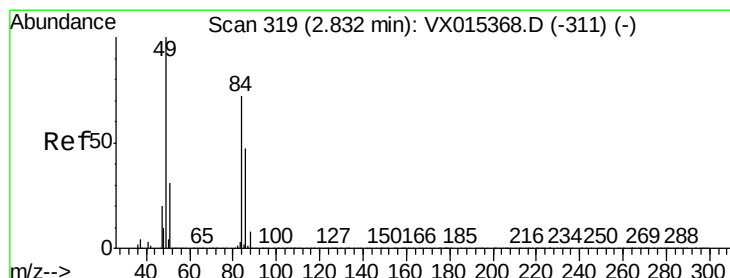
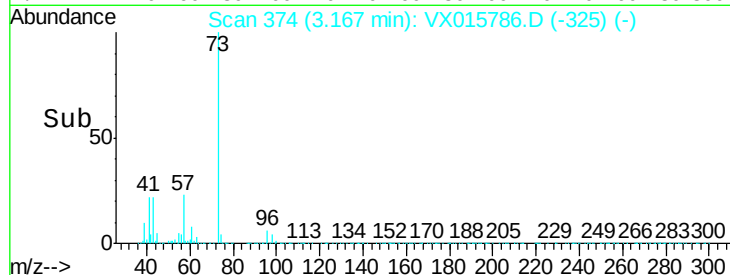
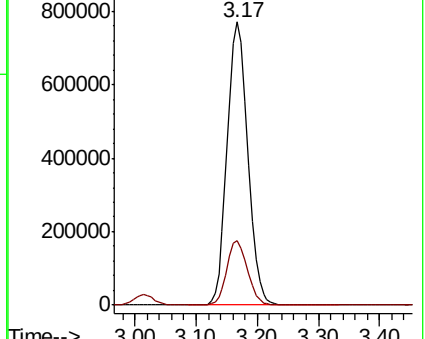
73 100

57 22.7 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride
 Concen: 47.375 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion: 84 Resp: 541430

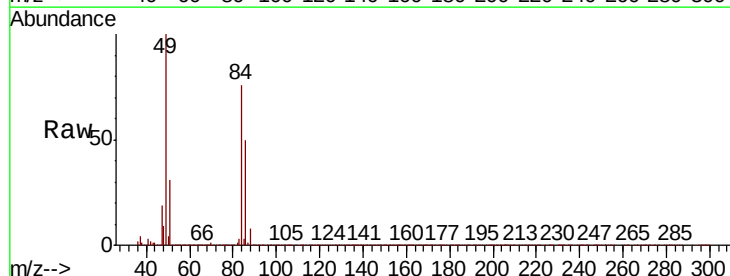
Ion Ratio Lower Upper

84 100

49 130.9 111.3 166.9

51 39.9 34.0 51.0

86 65.4 52.5 78.7

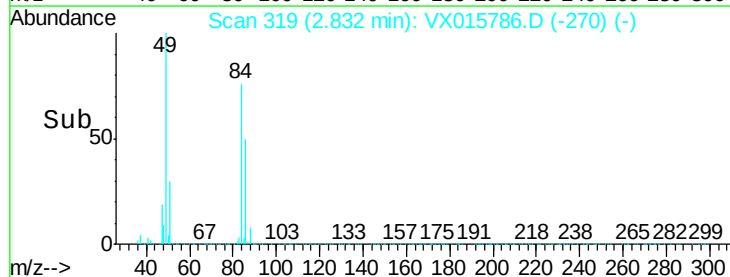
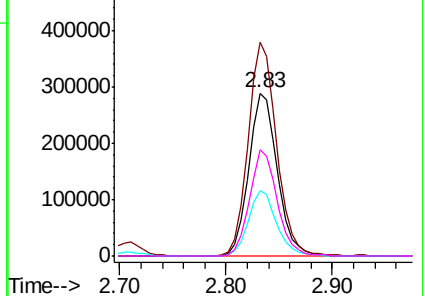


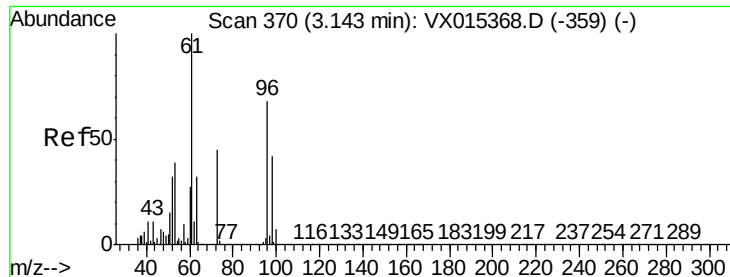
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 47.890 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

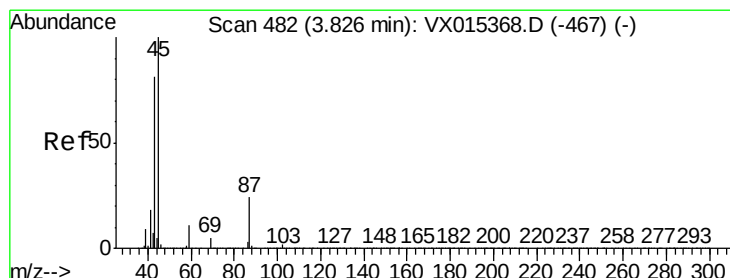
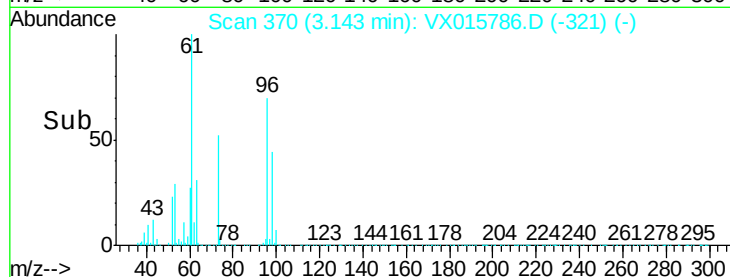
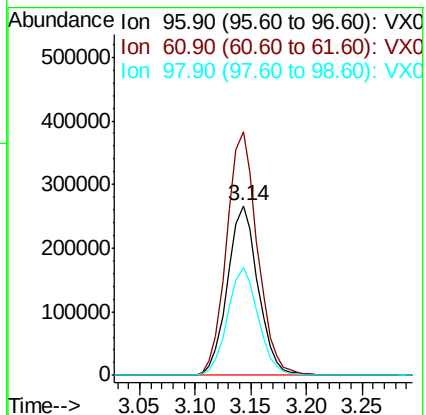
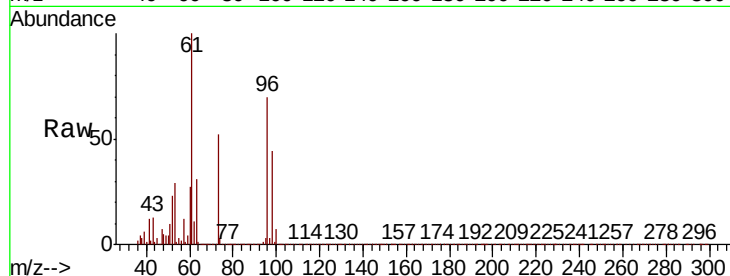
Tot Ion: 96 Resp: 506692

Ion Ratio Lower Upper

96 100

61 143.5 116.9 175.3

98 63.5 48.6 73.0



#22

Diisopropyl ether

Concen: 49.197 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tgt Ion: 45 Resp: 1941897

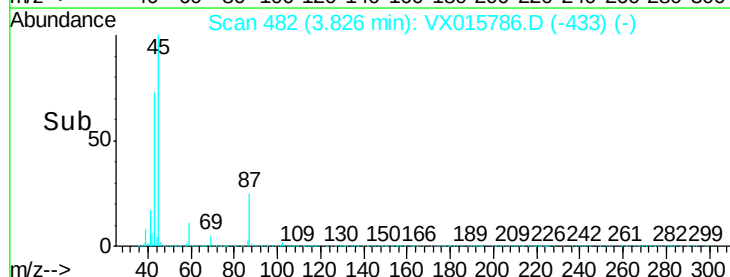
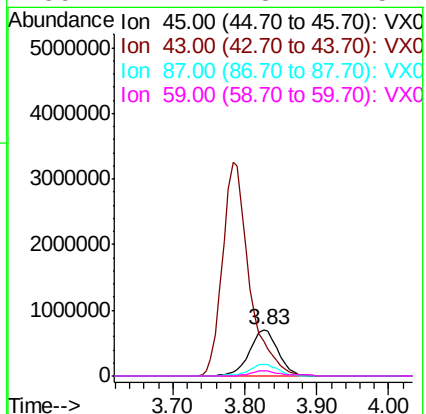
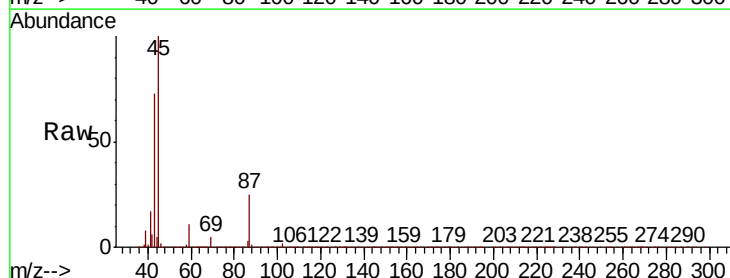
Ion Ratio Lower Upper

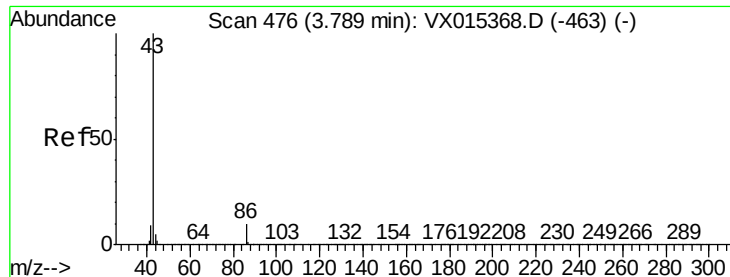
45 100

43 73.2 64.7 97.1

87 25.4 19.4 29.0

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 235.012 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

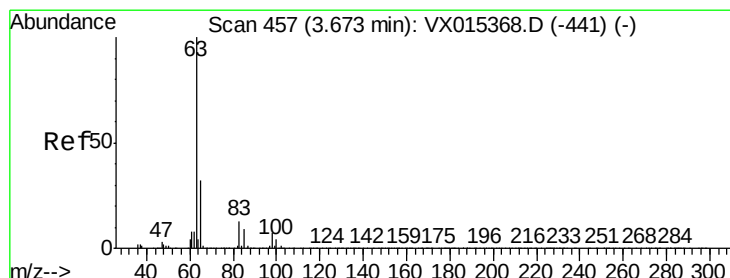
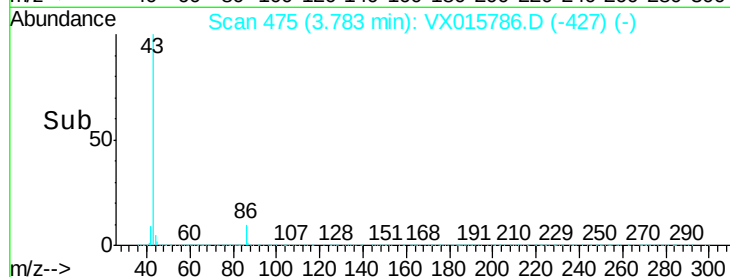
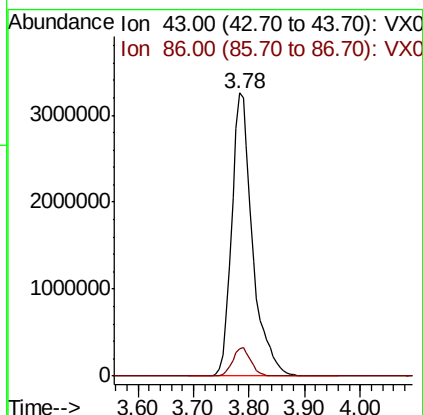
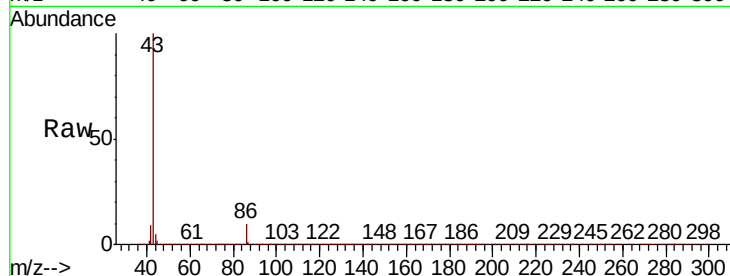
VSTDCCC050

Tot Ion: 43 Resp: 8398907

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.6



#24

1,1-Dichloroethane

Concen: 47.853 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

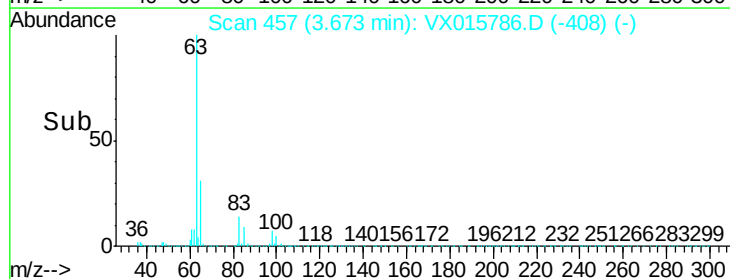
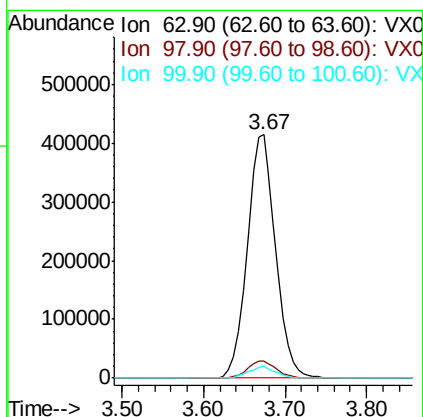
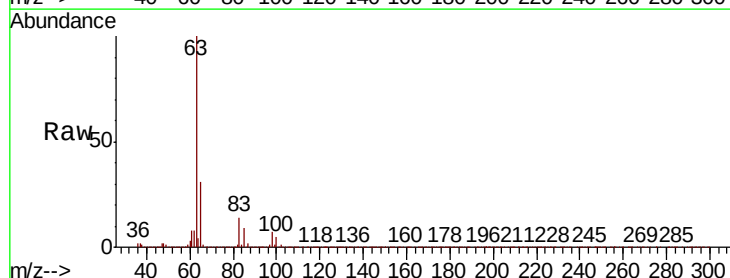
Tgt Ion: 63 Resp: 994499

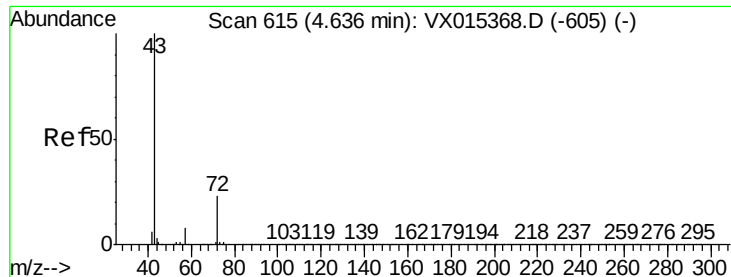
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.8 2.1 6.5

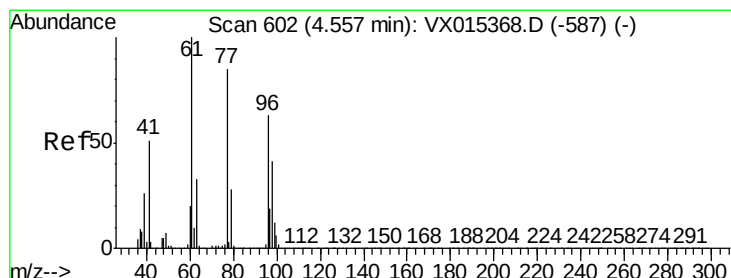
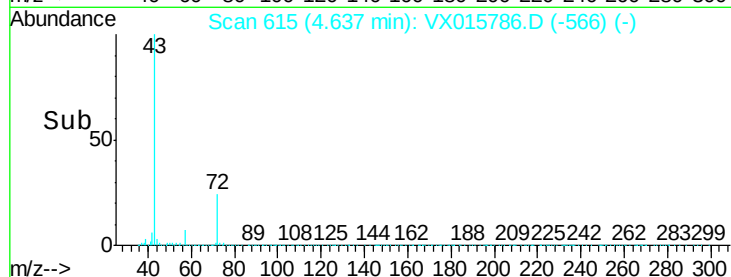
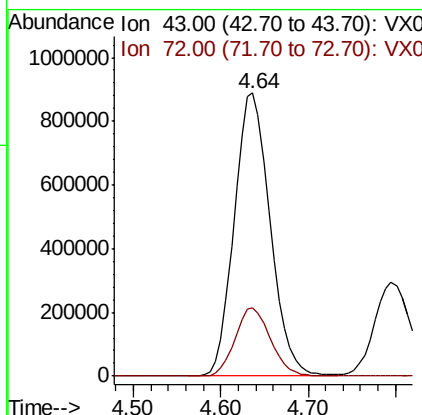
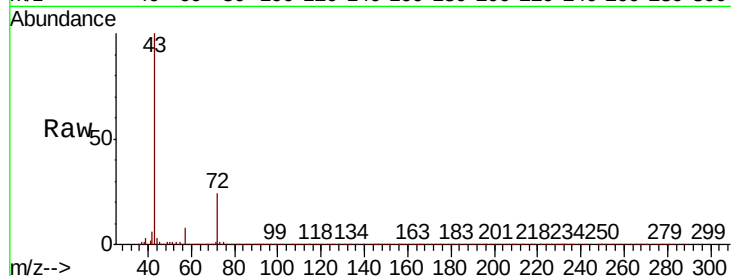




#25
2-Butanone
Concen: 256.255 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

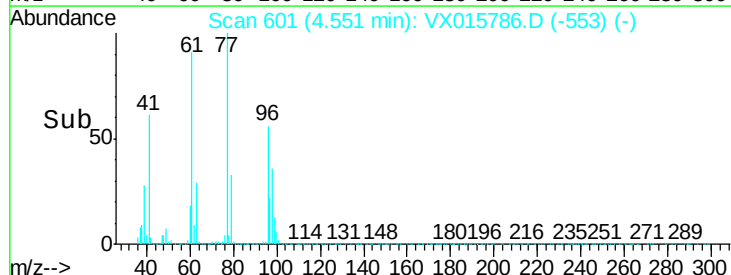
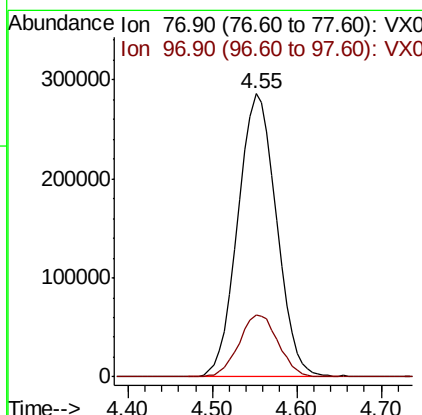
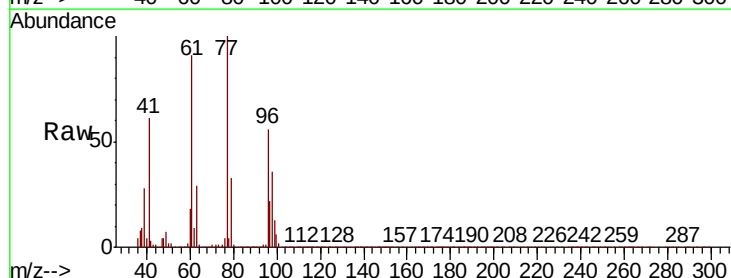
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

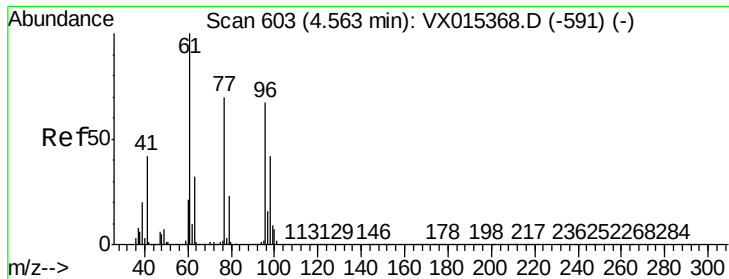
Tot Ion: 43 Resp: 2521556
Ion Ratio Lower Upper
43 100
72 24.1 19.0 28.4



#26
2,2-Dichloropropane
Concen: 52.065 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 77 Resp: 888159
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8



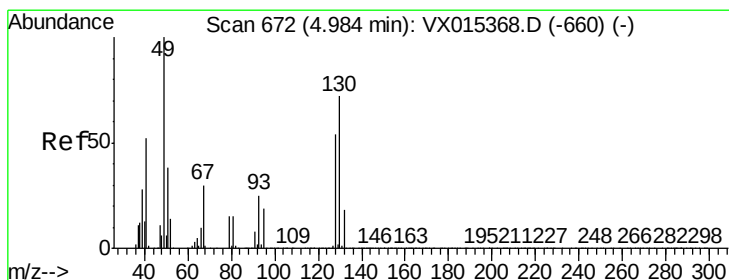
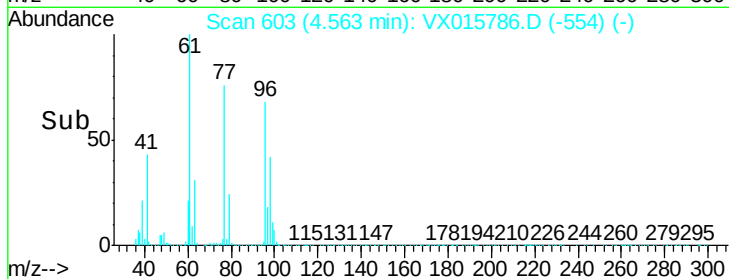
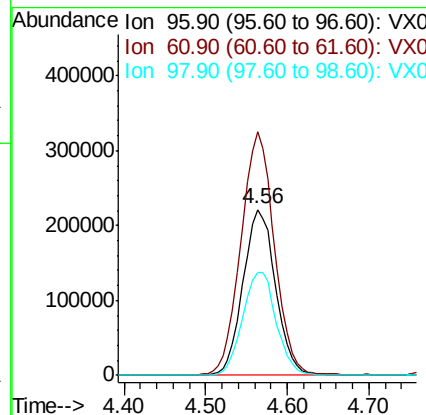
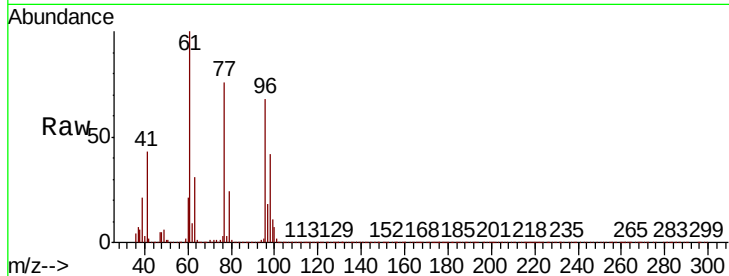


#27

cis-1,2-Dichloroethene
Concen: 50.094 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

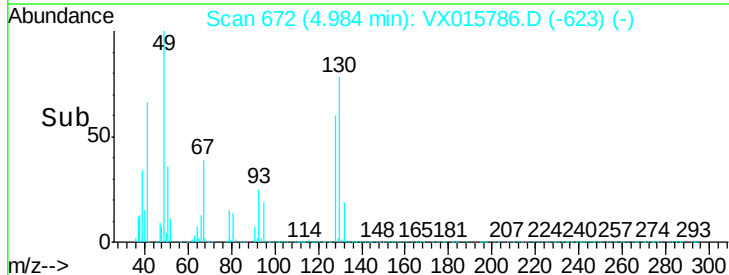
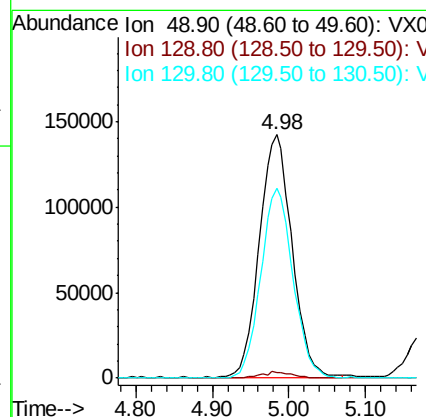
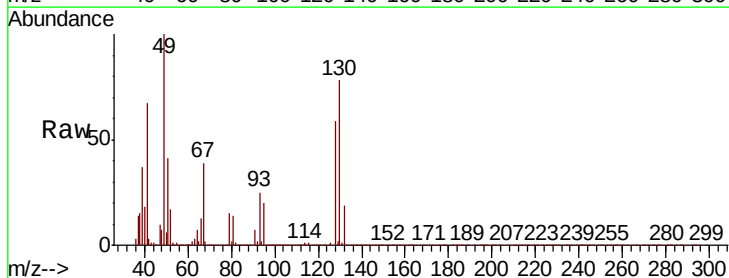
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	308.4
98	64.0	0.0	129.2

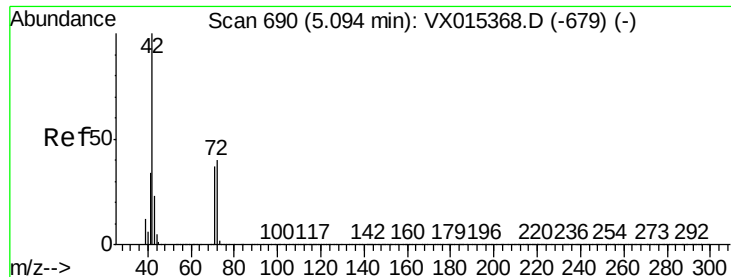


#28

Bromochloromethane
Concen: 42.599 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	77.0	57.7	86.5





#29

Tetrahydrofuran

Concen: 223.256 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

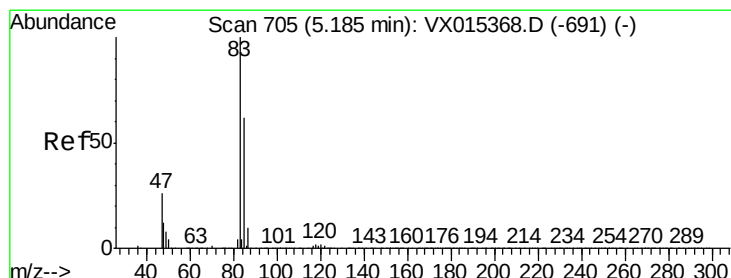
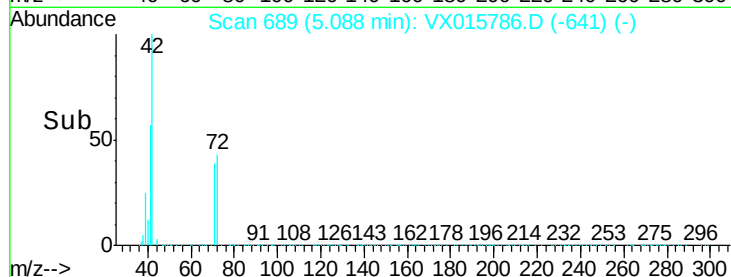
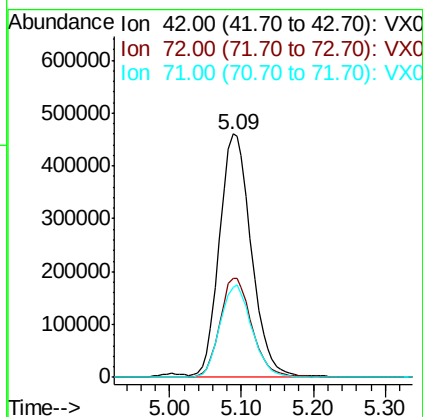
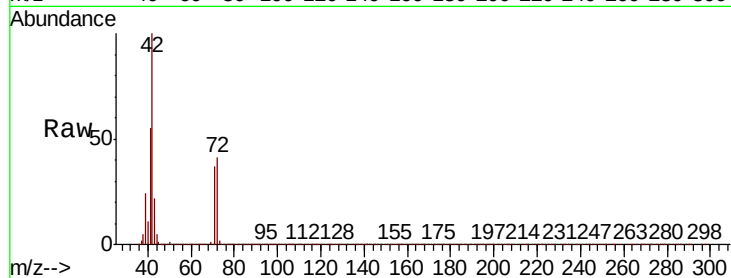
Tot Ion: 42 Resp: 1412293

Ion Ratio Lower Upper

42 100

72 41.4 31.7 47.5

71 37.8 29.6 44.4



#30

Chloroform

Concen: 48.743 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015786.D

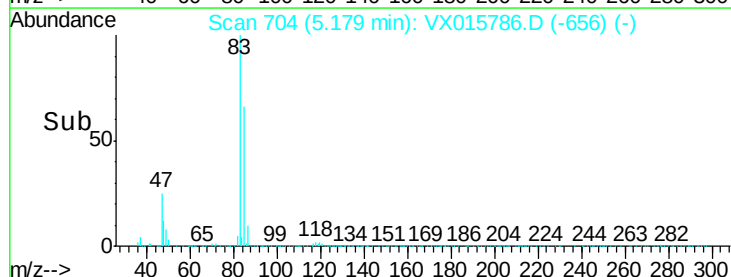
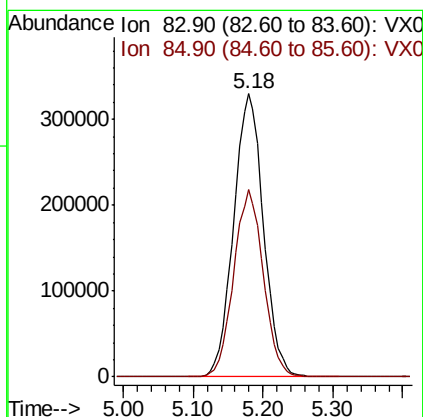
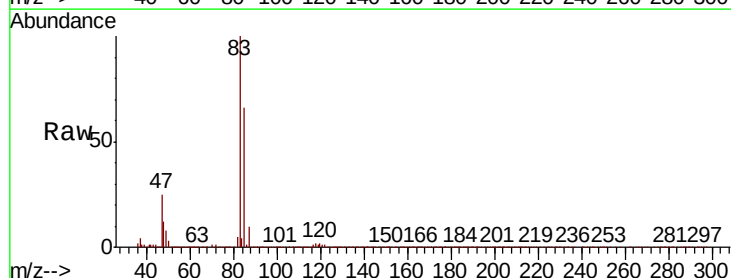
Acq: 21 Apr 2020 11:44

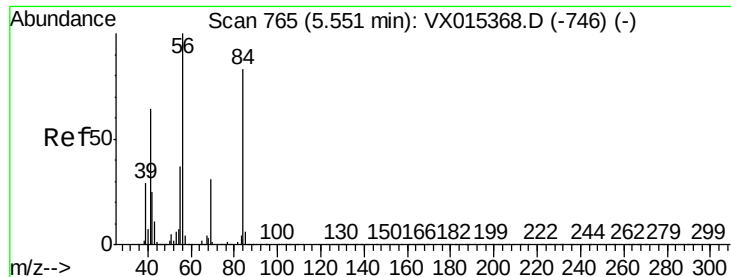
Tgt Ion: 83 Resp: 974604

Ion Ratio Lower Upper

83 100

85 66.2 49.5 74.3





#31

Cyclohexane

Concen: 47.686 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

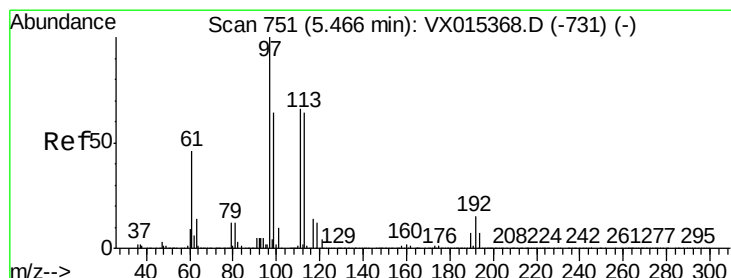
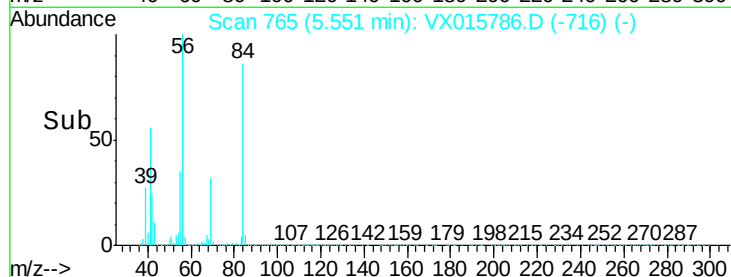
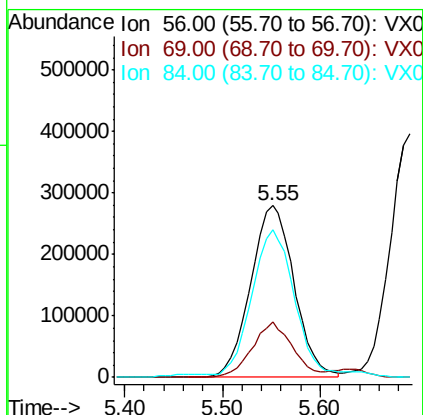
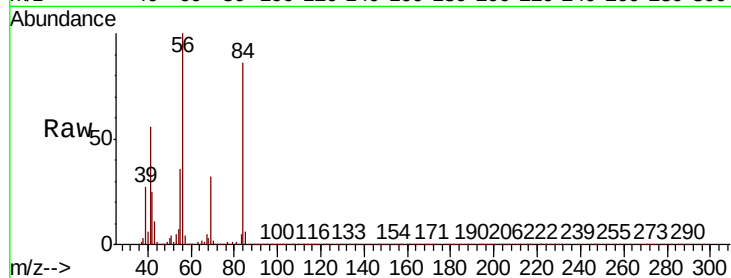
Tot Ion: 56 Resp: 859729

Ion Ratio Lower Upper

56 100

69 32.1 24.6 36.8

84 84.3 66.1 99.1



#32

1,1,1-Trichloroethane

Concen: 47.817 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

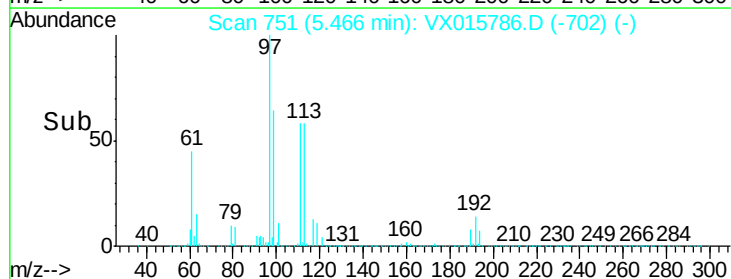
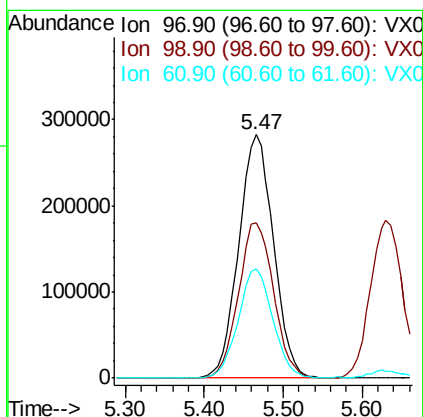
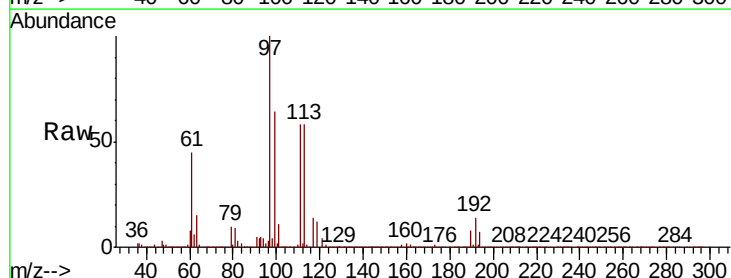
Tgt Ion: 97 Resp: 865266

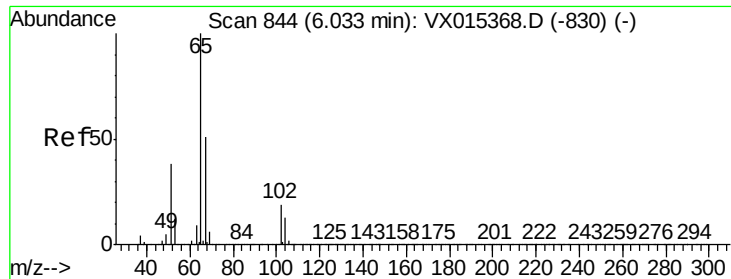
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 44.9 36.1 54.1

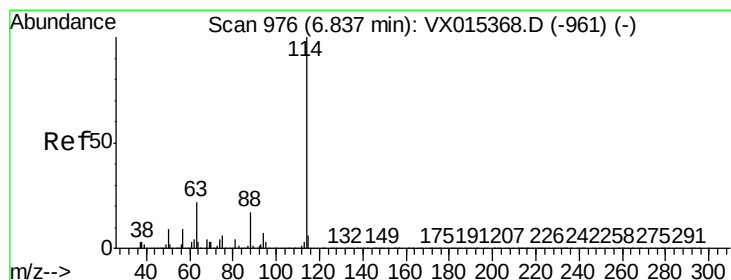
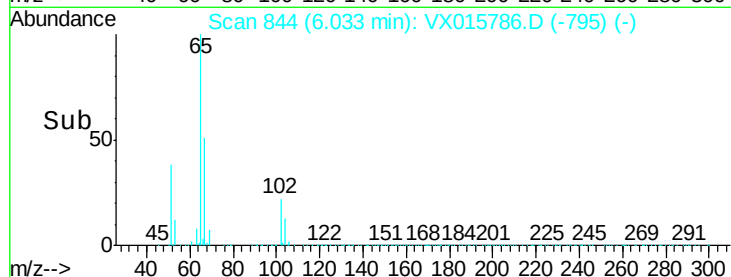
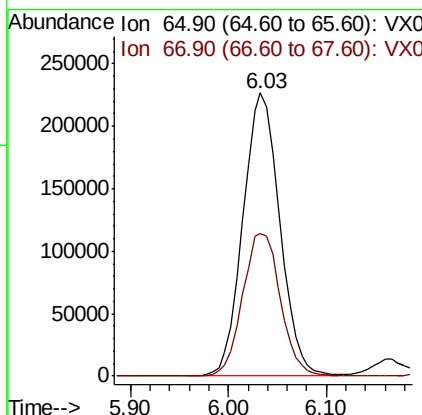
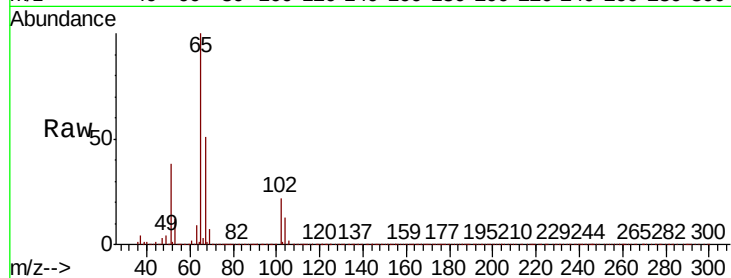




#33
 1,2-Dichloroethane-d4
 Concen: 41.475 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

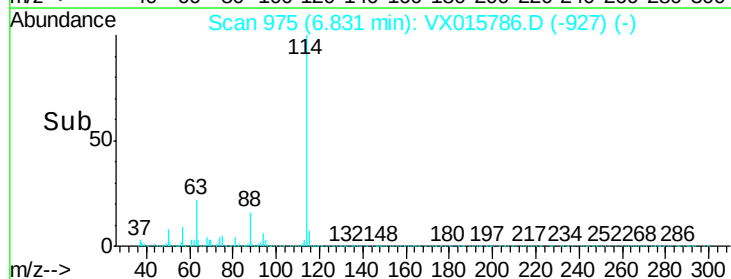
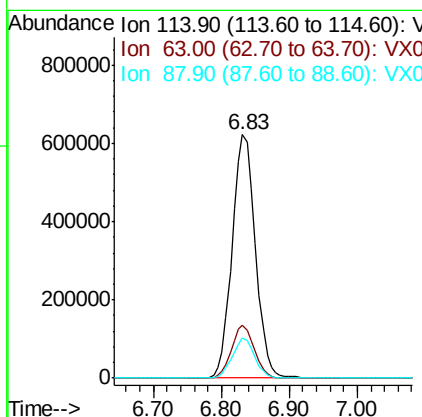
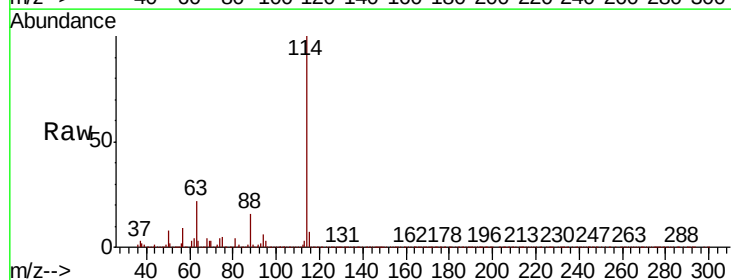
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

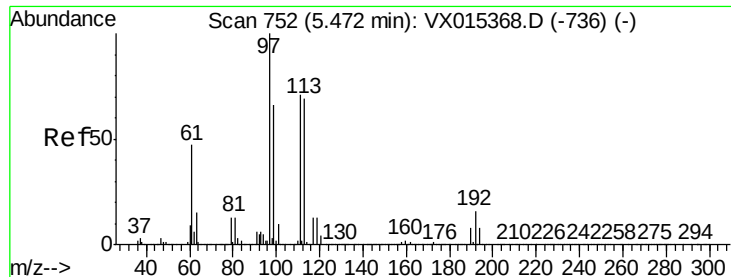
Tot Ion: 65 Resp: 590672
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion: 114 Resp: 1475183
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 16.2 0.0 33.8

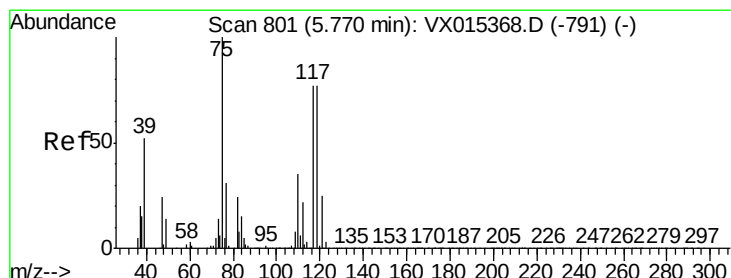
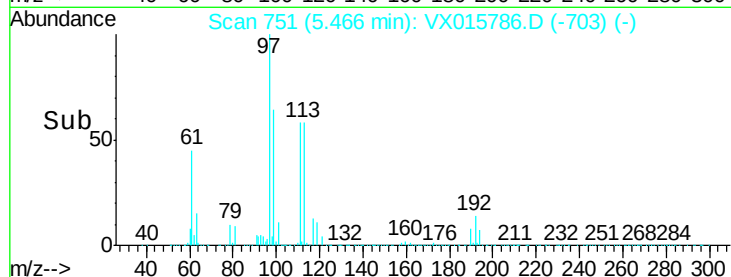
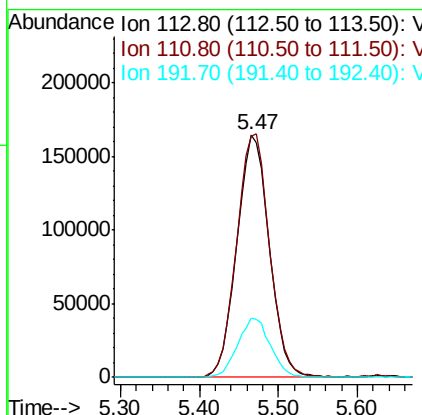
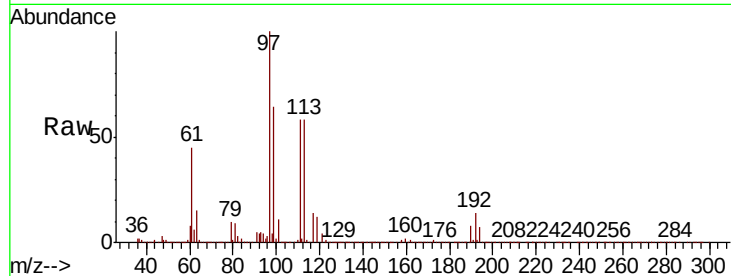




#35
 Dibromofluoromethane
 Concen: 49.875 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

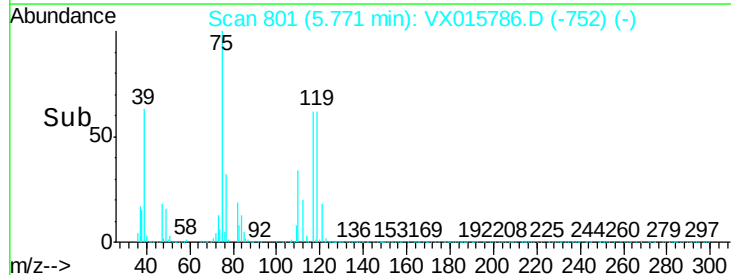
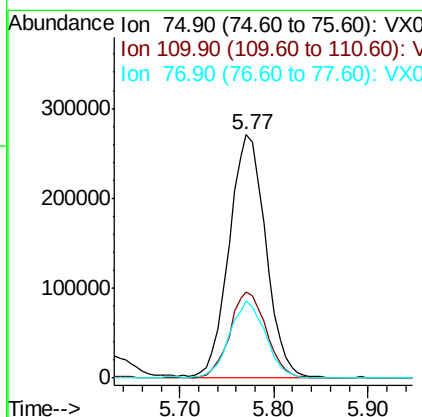
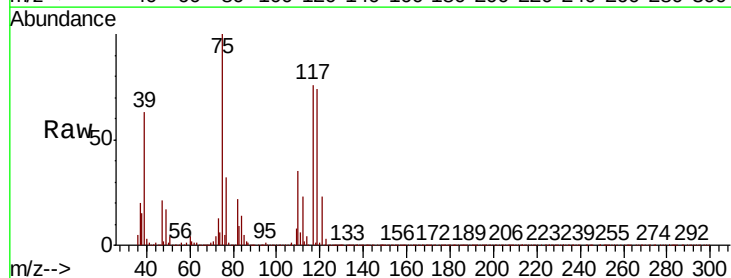
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

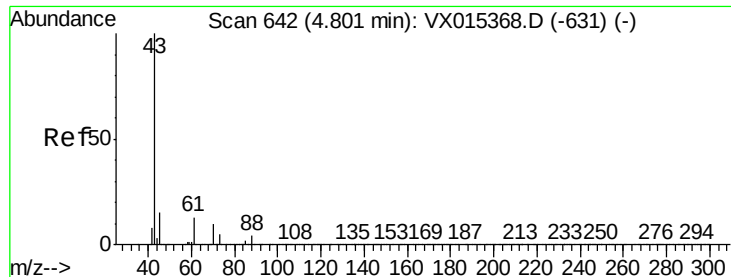
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	24.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 53.745 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.1	51.3
77	30.9	24.6	36.8

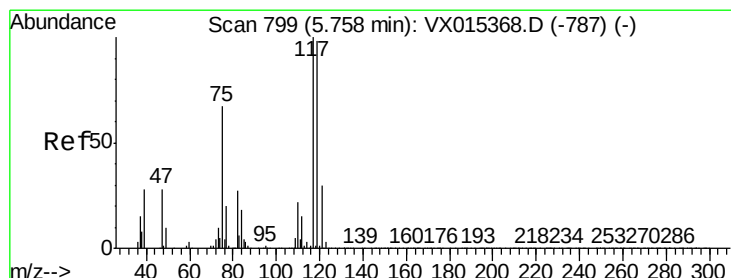
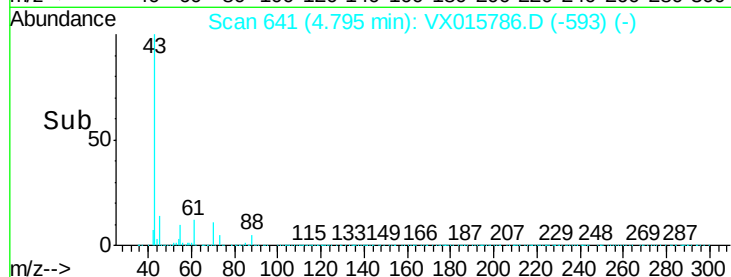
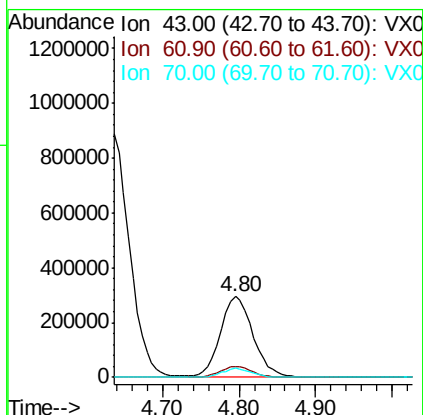
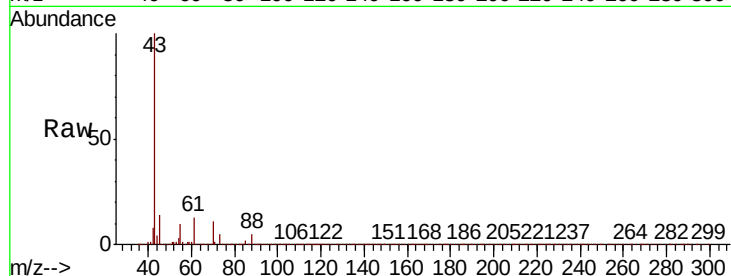




#37
Ethyl Acetate
Concen: 48.896 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

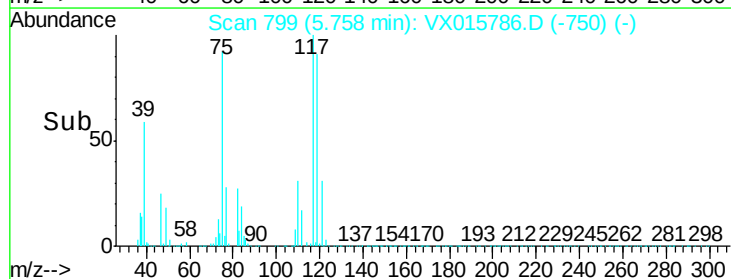
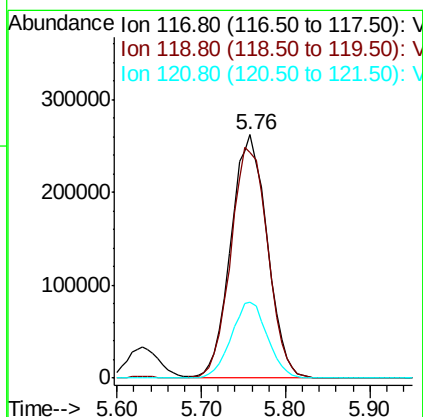
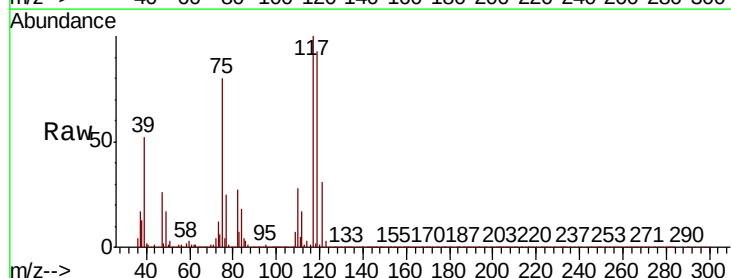
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

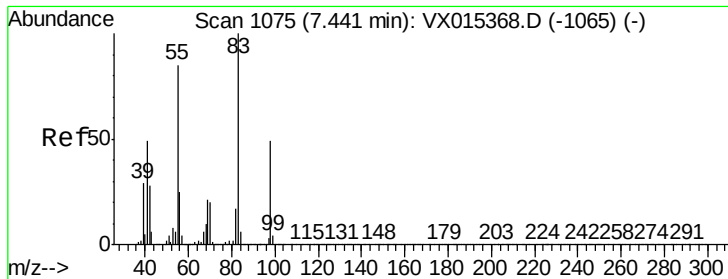
Tot Ion:	43	Resp:	865357
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.3	8.1	12.1



#38
Carbon Tetrachloride
Concen: 51.998 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:	117	Resp:	765499
Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.0	117.0
121	31.0	23.8	35.8

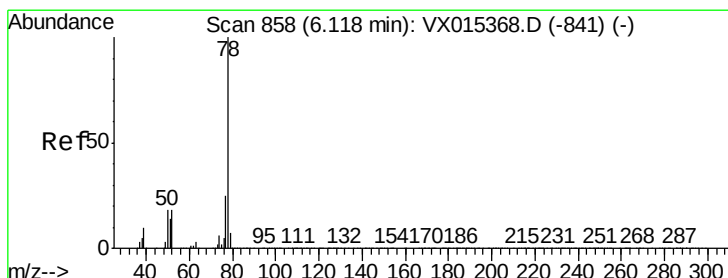
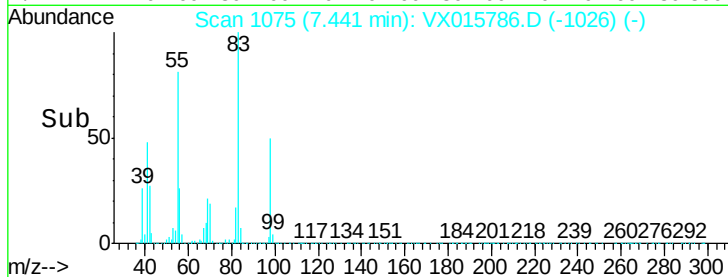
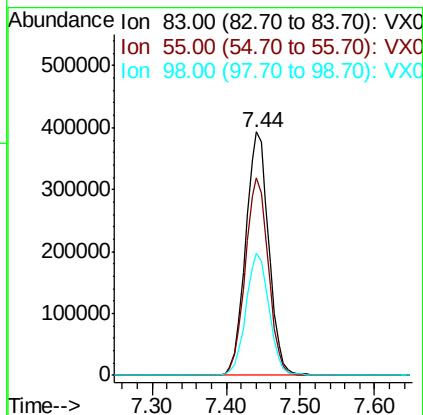
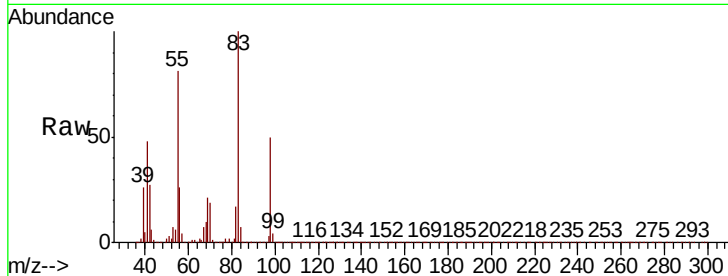




#39
Methylvlcyclohexane
Concen: 54.520 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

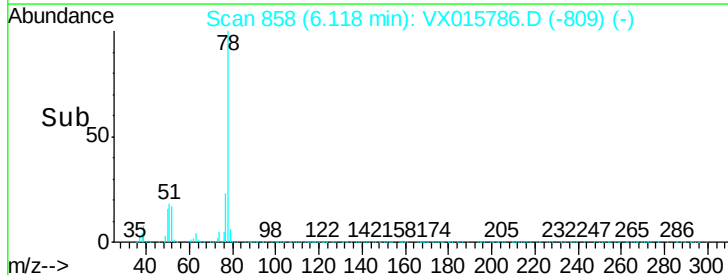
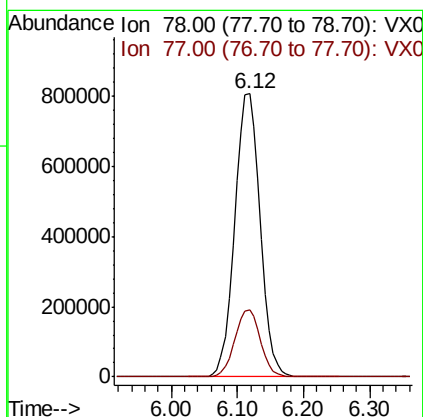
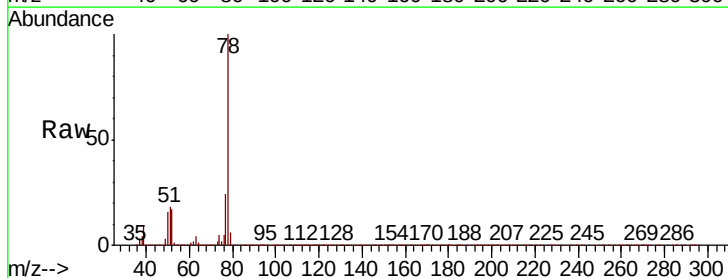
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

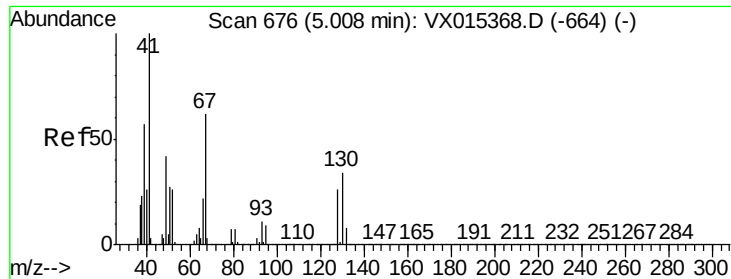
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	67.8	101.6
98	50.1	39.3	58.9



#40
Benzene
Concen: 53.723 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.8	29.8

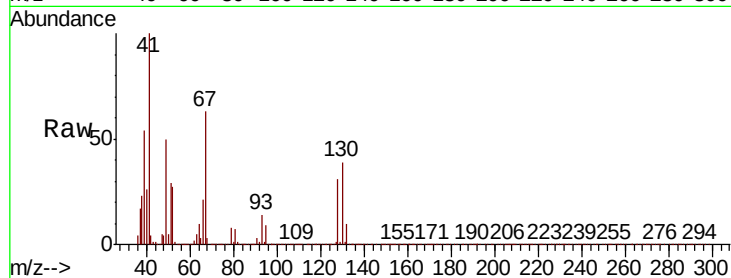




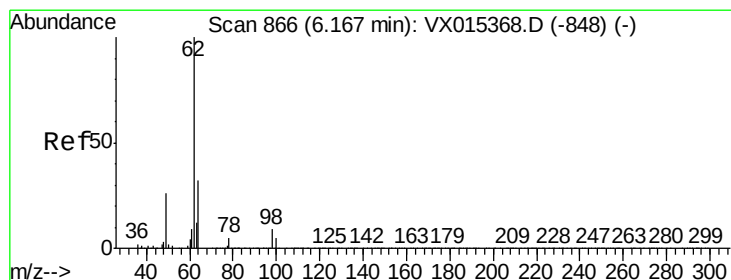
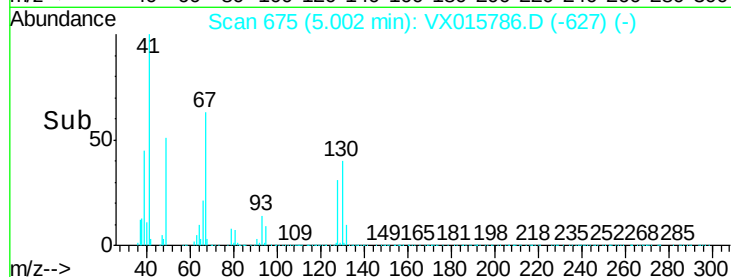
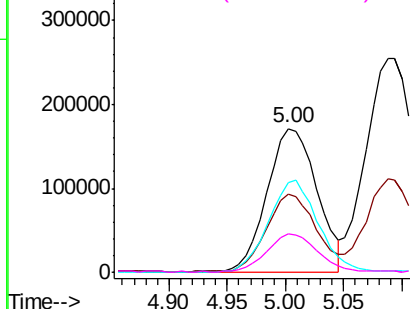
#41
Methacrylonitrile
Concen: 51.925 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	510135
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.5	66.7
67	63.6	48.9	73.3
52	26.6	21.8	32.6

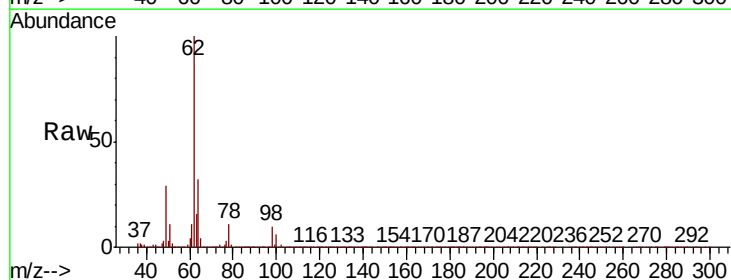


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

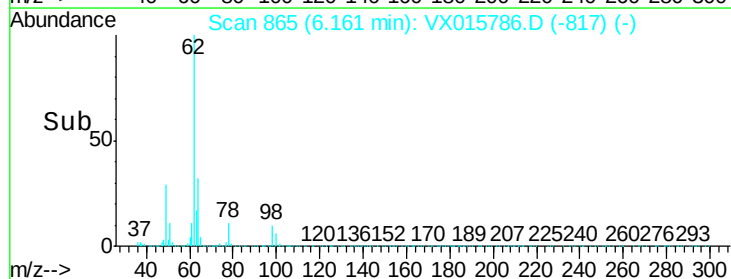
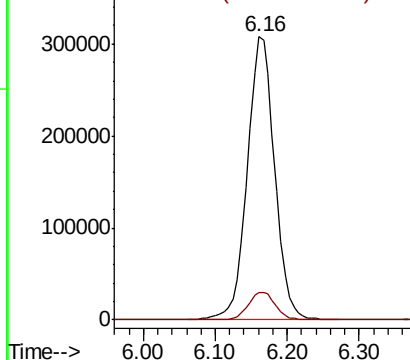


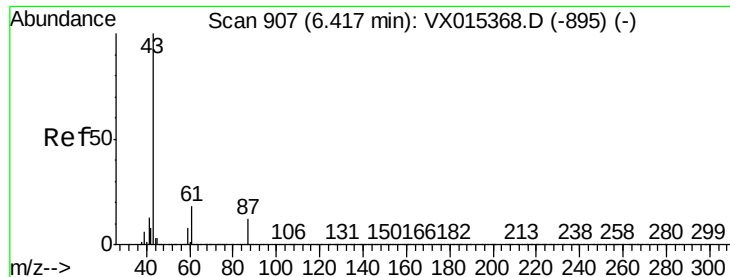
#42
1,2-Dichloroethane
Concen: 50.426 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:	62	Resp:	806461
Ion	Ratio	Lower	Upper
62	100		
98	9.8	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: 49.878 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

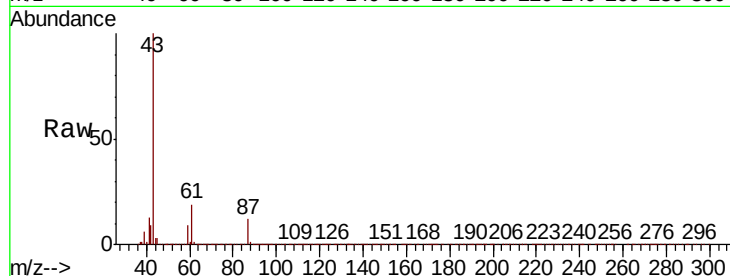
Tot Ion: 43 Resp: 1490157

Ion Ratio Lower Upper

43 100

61 19.2 14.8 22.2

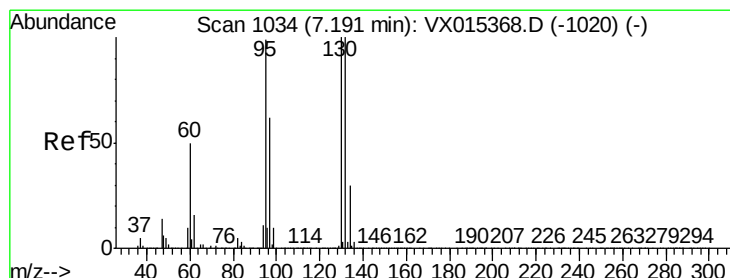
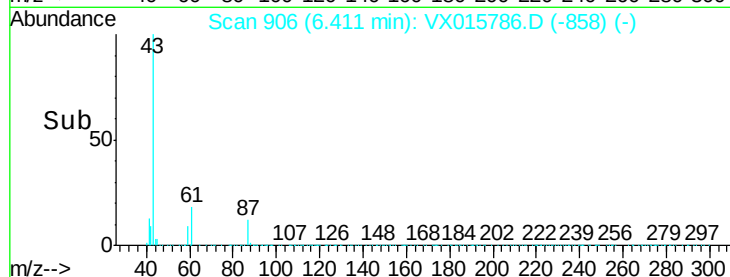
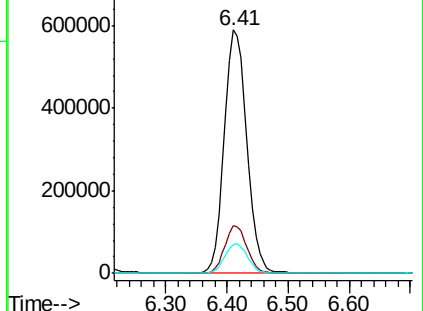
87 12.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 56.693 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015786.D

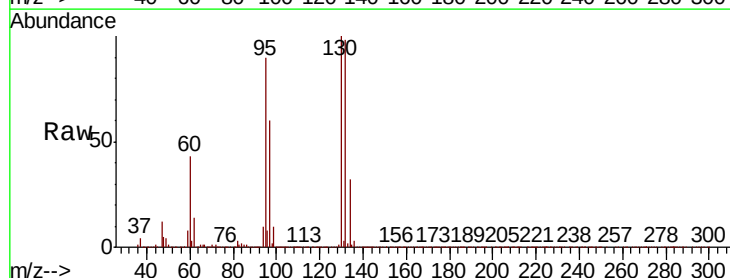
Acq: 21 Apr 2020 11:44

Tgt Ion: 130 Resp: 615610

Ion Ratio Lower Upper

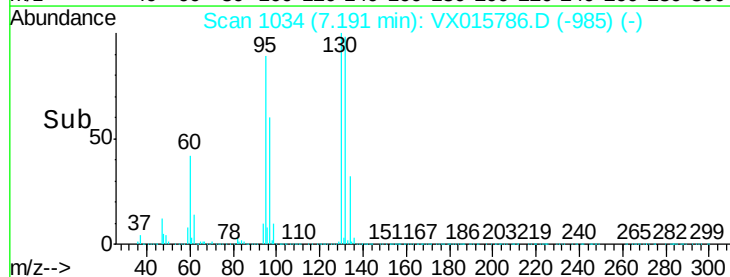
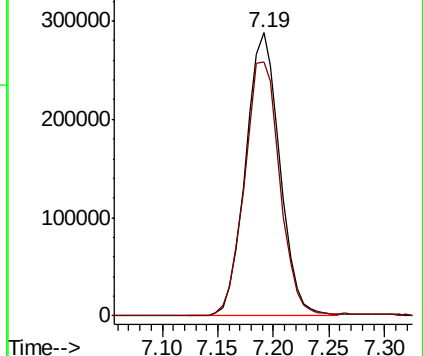
130 100

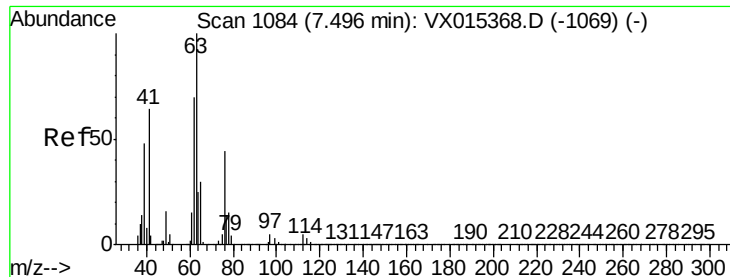
95 89.5 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

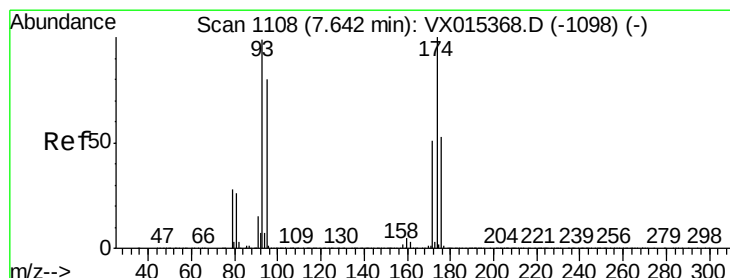
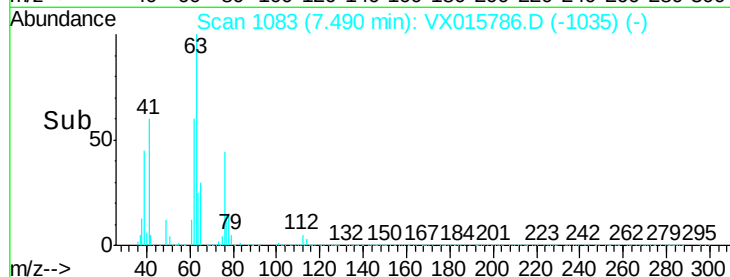
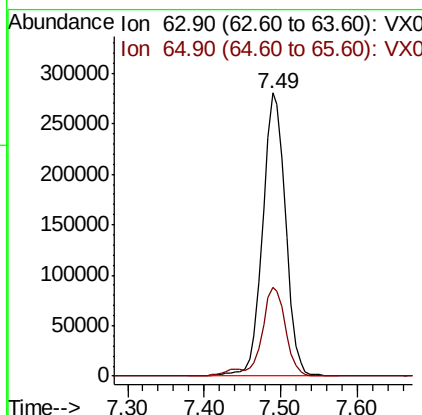
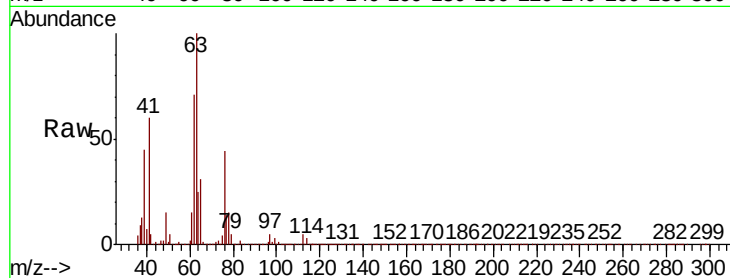




#45
 1,2-Dichloropropane
 Concen: 53.742 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

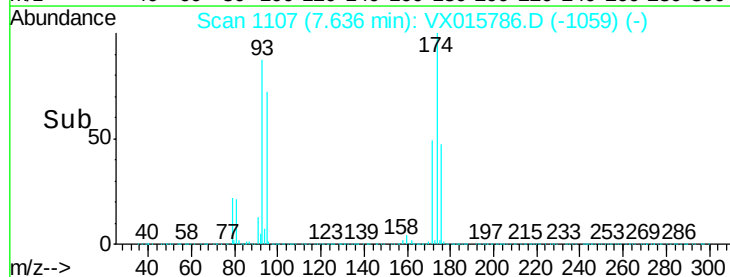
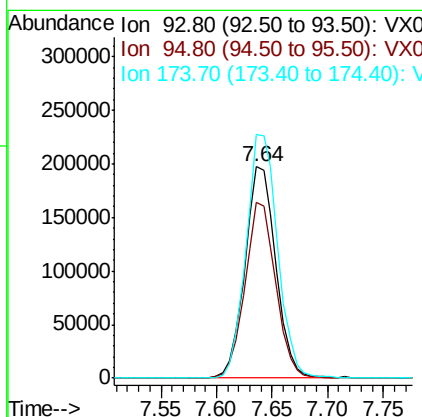
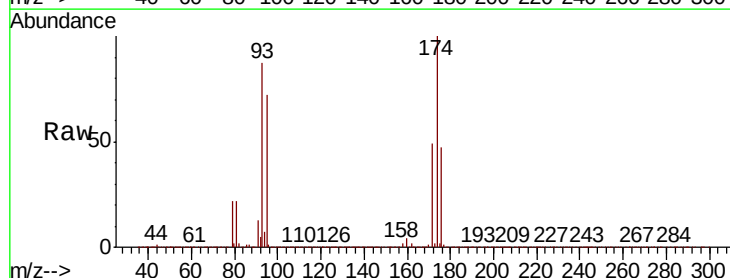
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

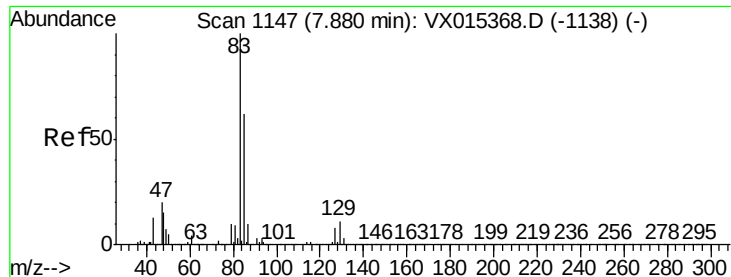
Tot Ion: 63 Resp: 585356
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.9 35.9



#46
 Dibromomethane
 Concen: 53.322 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion: 93 Resp: 380978
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 117.7 86.2 129.2





#47

Bromodichloromethane

Concen: 52.533 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

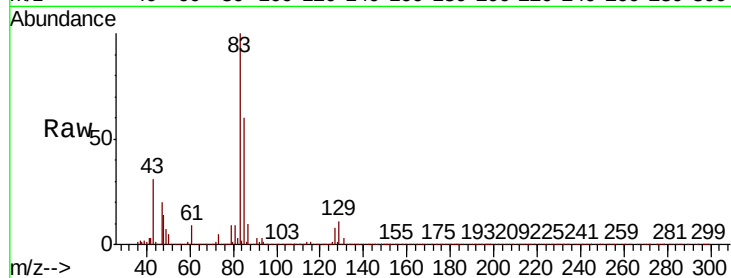
Tot Ion: 83 Resp: 799780

Ion Ratio Lower Upper

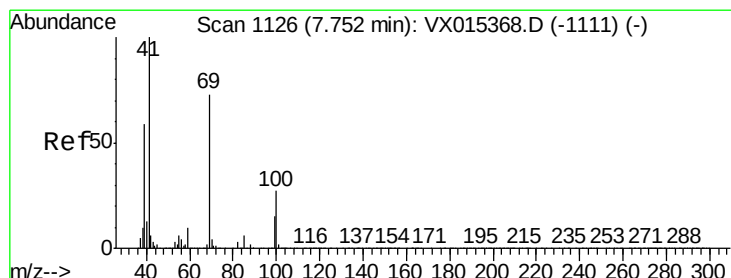
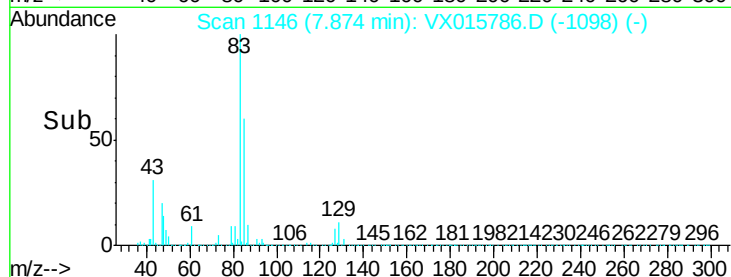
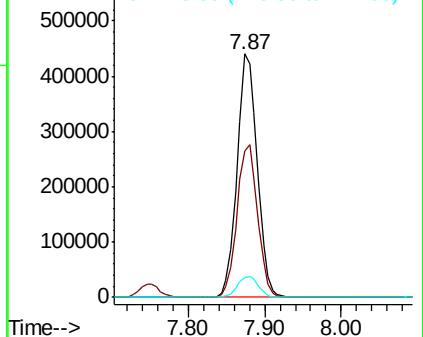
83 100

85 60.1 49.7 74.5

127 8.2 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: 49.866 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

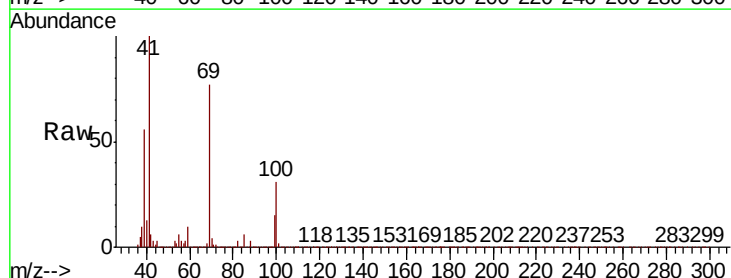
Tgt Ion: 41 Resp: 744133

Ion Ratio Lower Upper

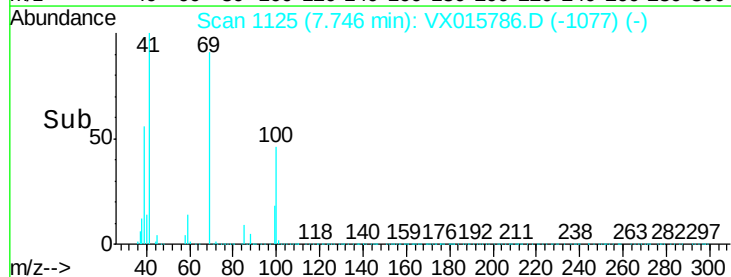
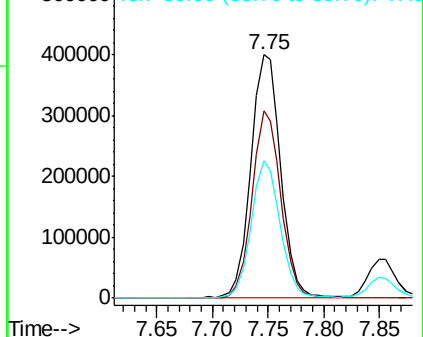
41 100

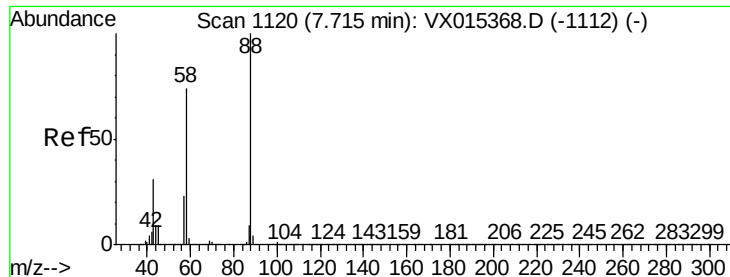
69 74.6 56.7 85.1

39 54.7 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: 889.295 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

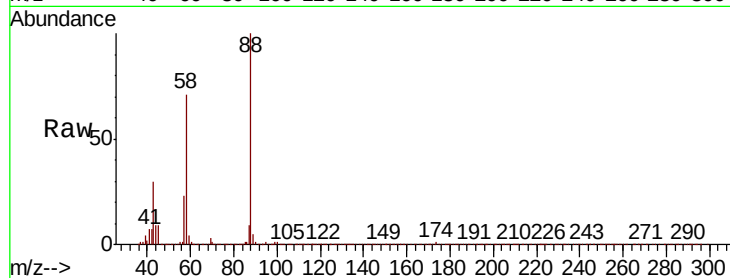
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 247565

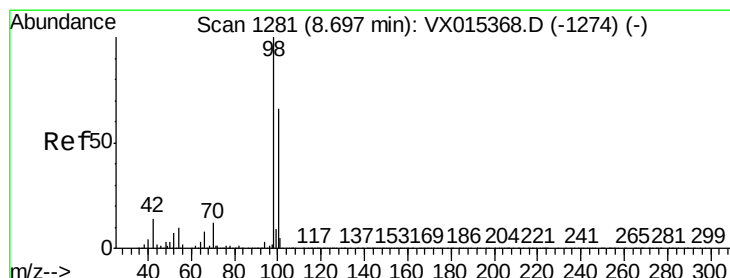
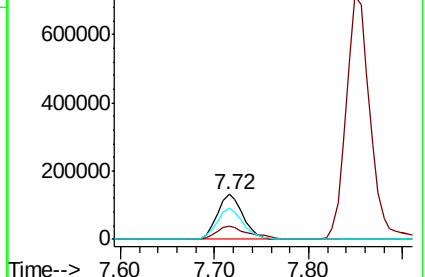
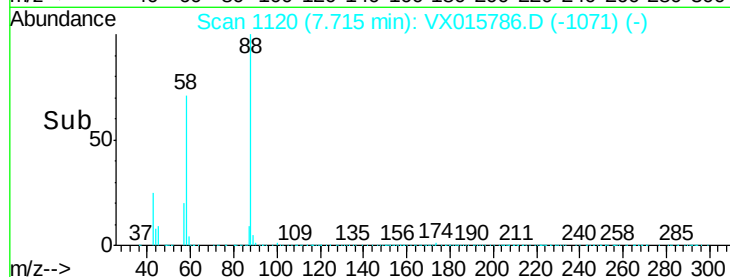
Ion	Ratio	Lower	Upper
88	100		
43	36.6	30.1	45.1
58	72.3	60.6	90.8



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: 50.296 ug/l

RT: 8.70 min Scan# 1281

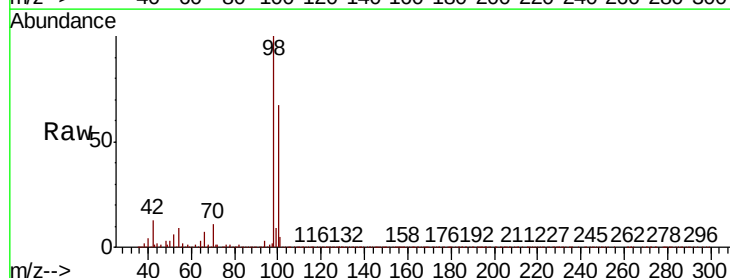
Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

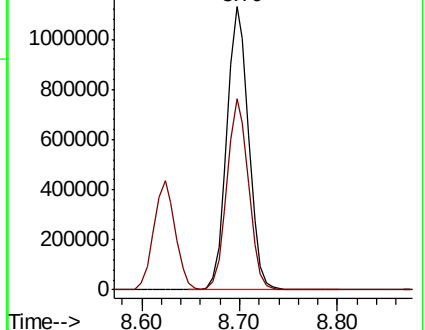
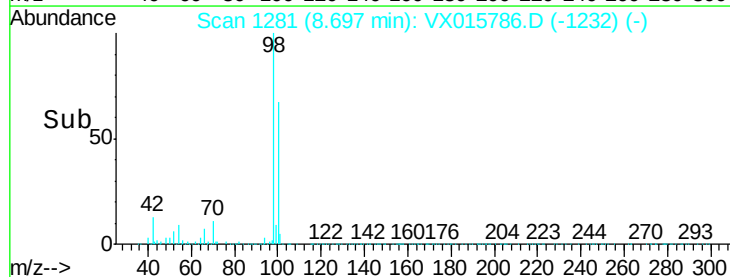
Tgt Ion: 98 Resp: 1746167

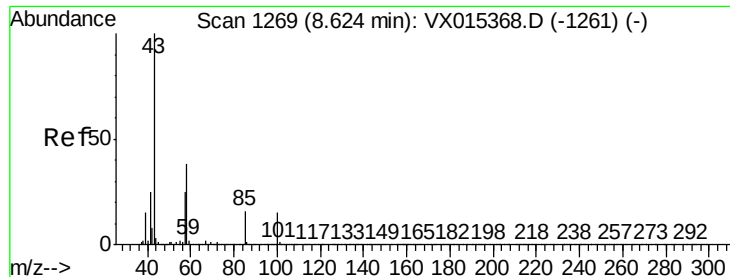
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.5	80.3



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: 259.202 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

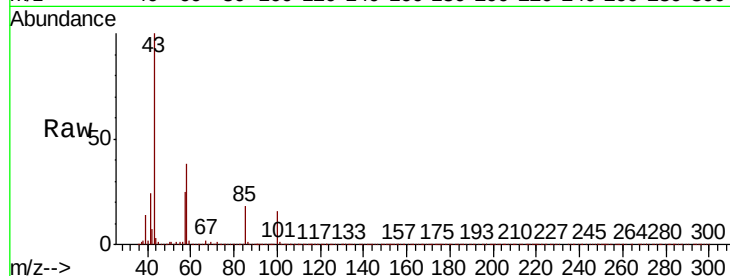
VSTDCCC050

Tot Ion: 43 Resp: 4388642

Ion Ratio Lower Upper

43 100

58 37.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

2500000

2000000

1500000

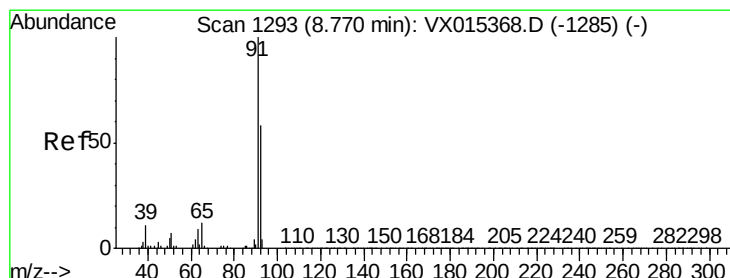
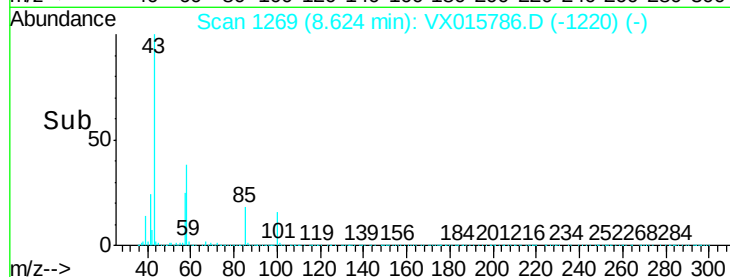
1000000

500000

0

8.50 8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 56.255 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015786.D

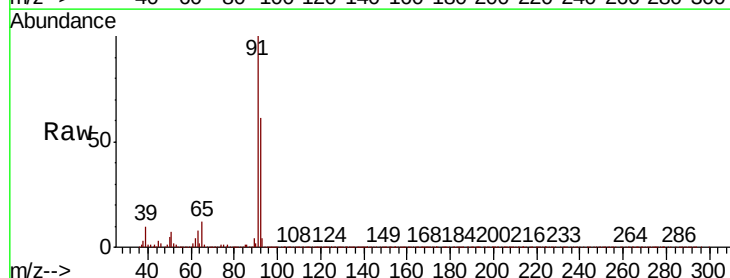
Acq: 21 Apr 2020 11:44

Tgt Ion: 92 Resp: 1380891

Ion Ratio Lower Upper

92 100

91 167.0 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1500000

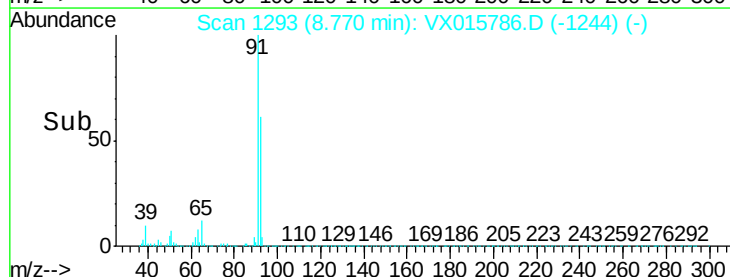
1000000

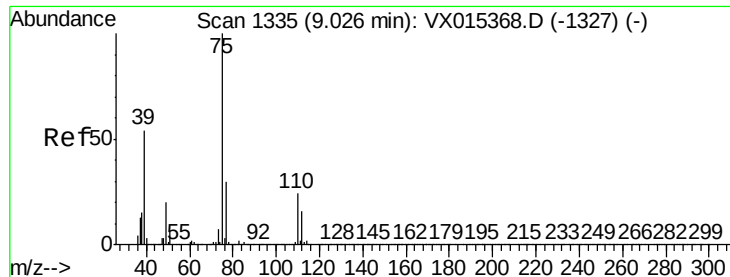
500000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.553 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

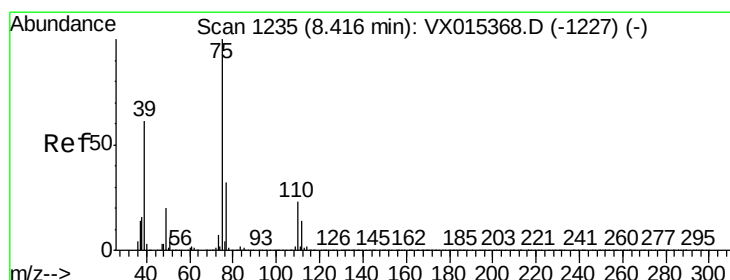
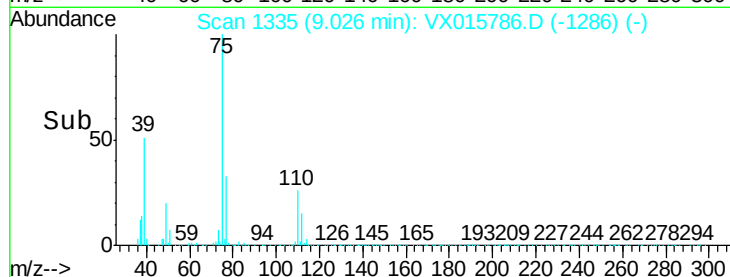
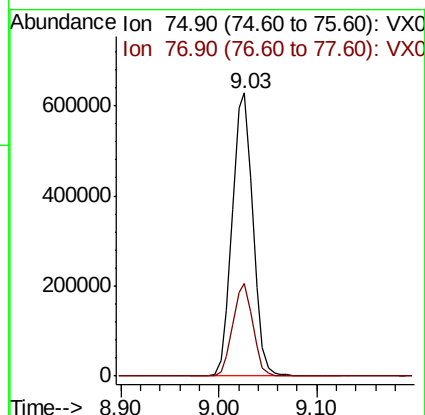
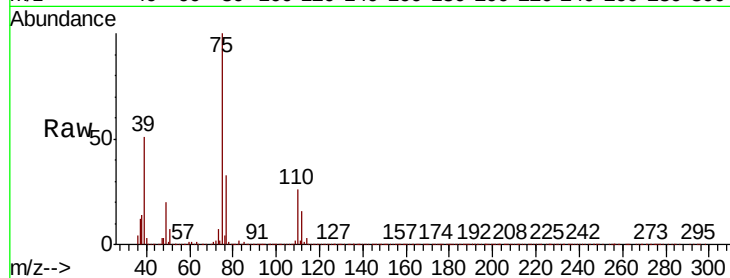
VSTDCCC050

Tot Ion: 75 Resp: 920493

Ion Ratio Lower Upper

75 100

77 32.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 53.136 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

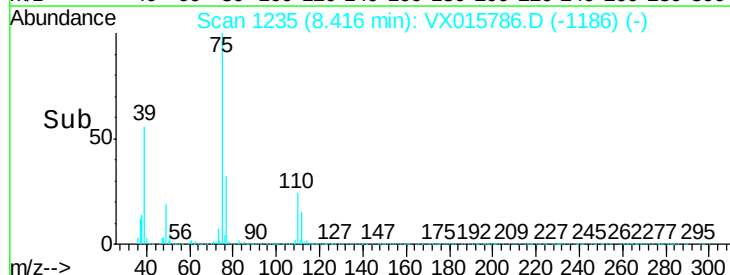
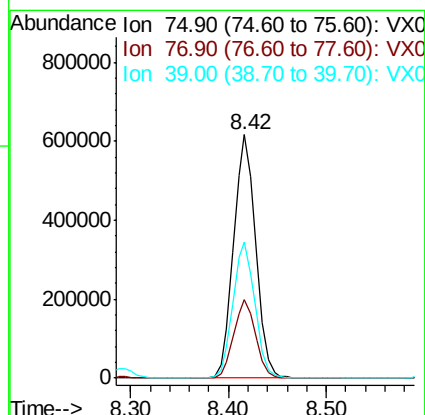
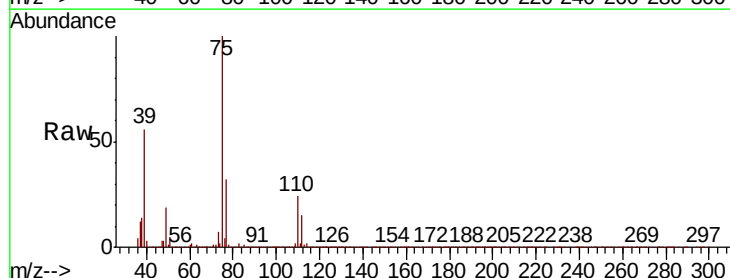
Tgt Ion: 75 Resp: 966451

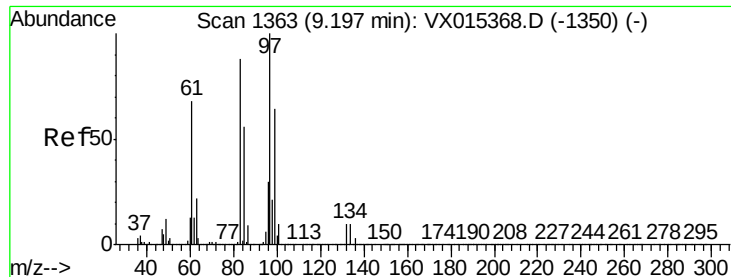
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 55.8 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 55.638 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

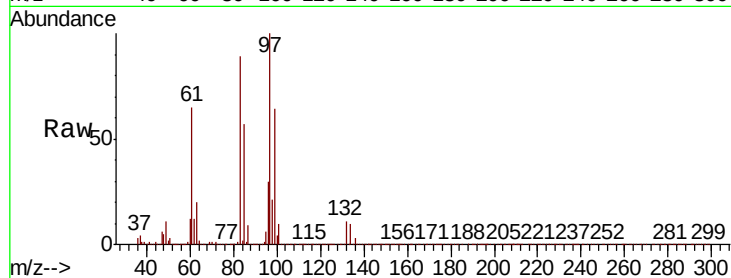
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 559551

Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.2	105.4
85	56.6	44.7	67.1
99	63.9	51.1	76.7

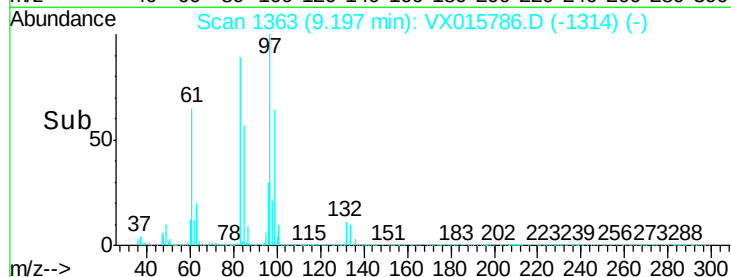


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



Time-->

9.10 9.20 9.30

400000

300000

200000

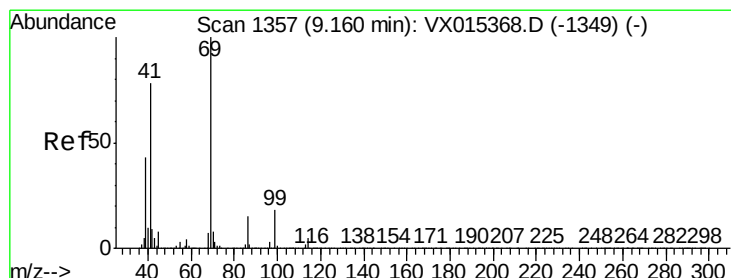
100000

0

9.20

0

0



#56

Ethyl methacrylate

Concen: 52.865 ug/l

RT: 9.16 min Scan# 1357

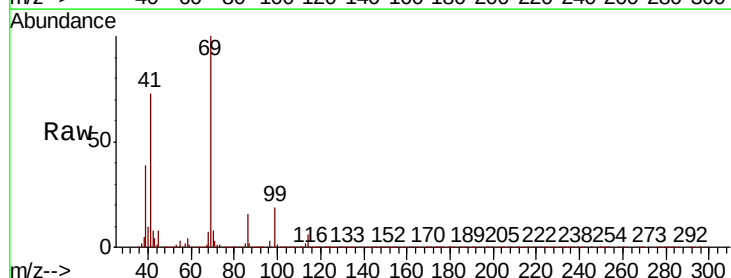
Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tgt Ion: 69 Resp: 936991

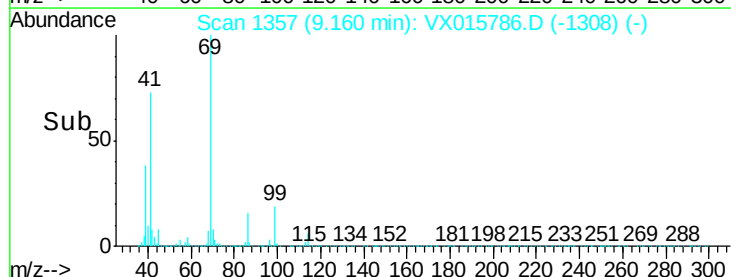
Ion	Ratio	Lower	Upper
69	100		
41	73.7	61.6	92.4
39	38.5	34.0	51.0



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



Time-->

9.10 9.15 9.20 9.25

800000

600000

400000

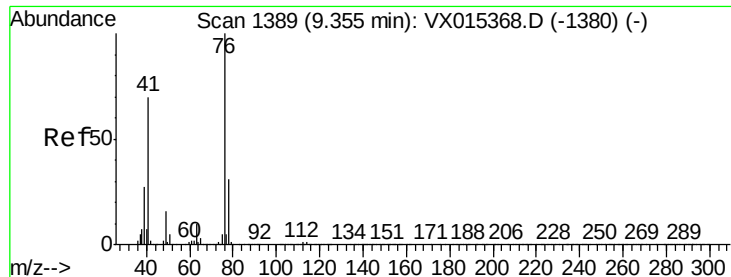
200000

0

9.16

0

0



#57

1,3-Dichloropropane

Concen: 53.340 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

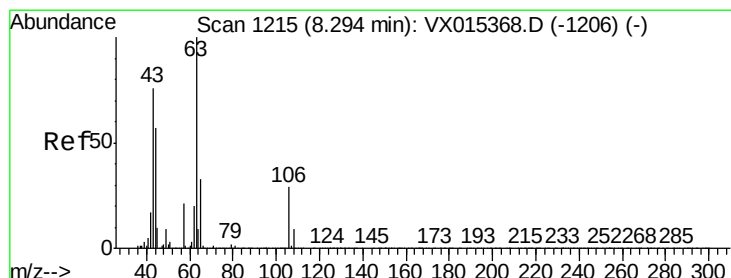
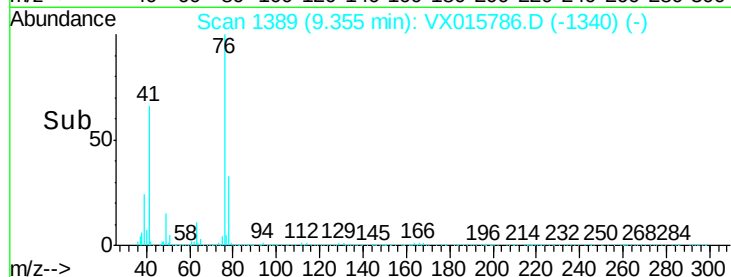
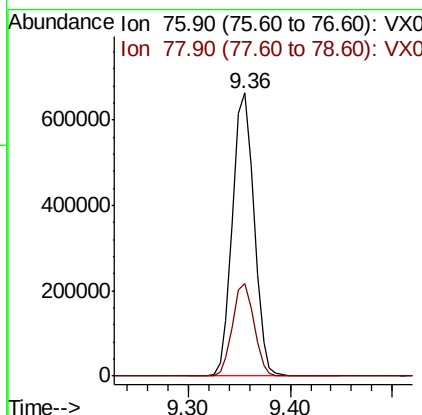
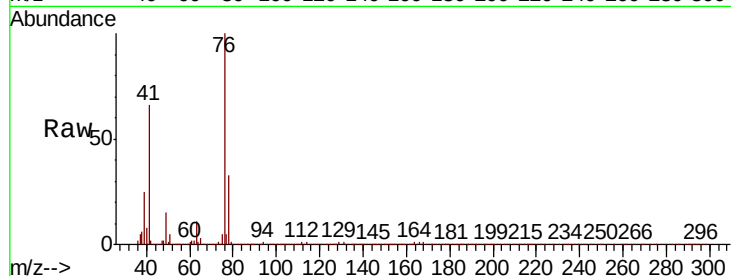
VSTDCCC050

Tot Ion: 76 Resp: 966495

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 203.501 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015786.D

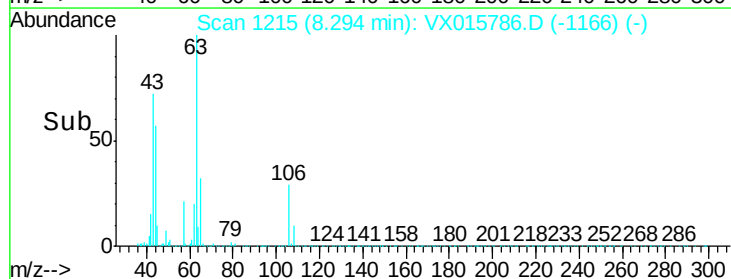
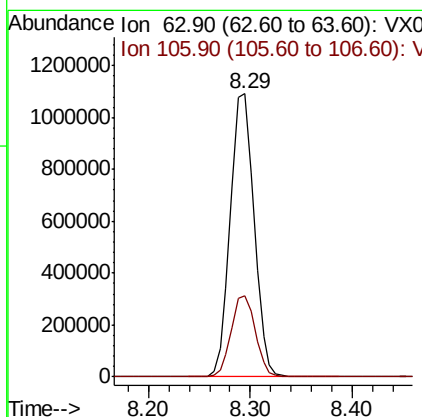
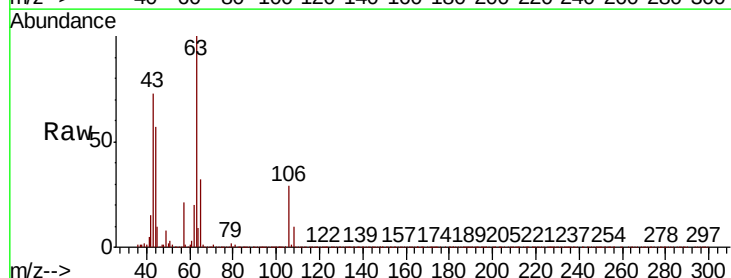
Acq: 21 Apr 2020 11:44

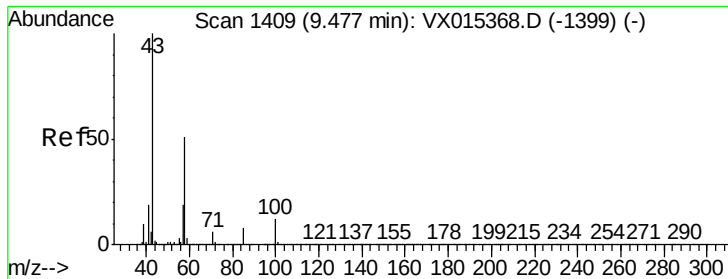
Tgt Ion: 63 Resp: 1754413

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1

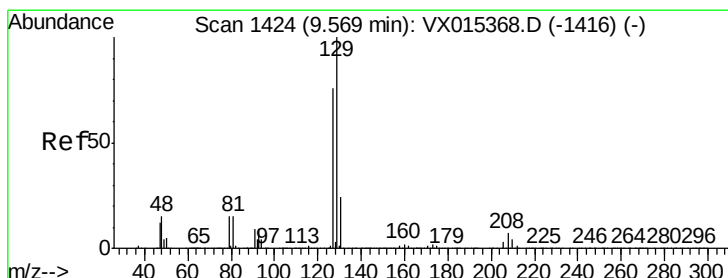
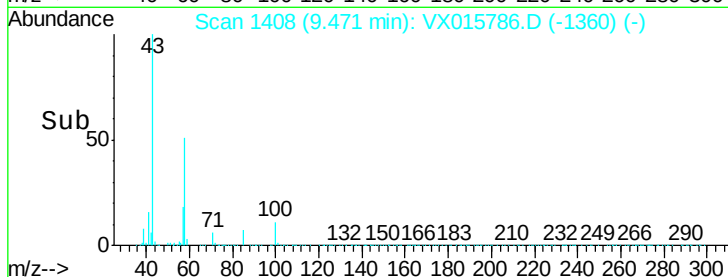
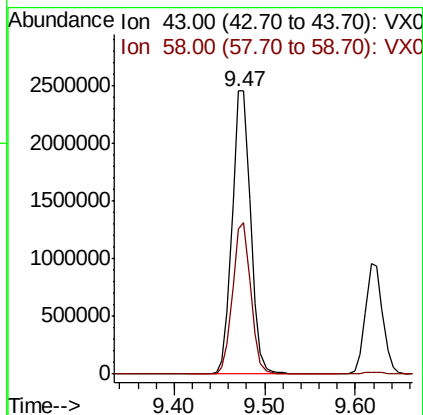
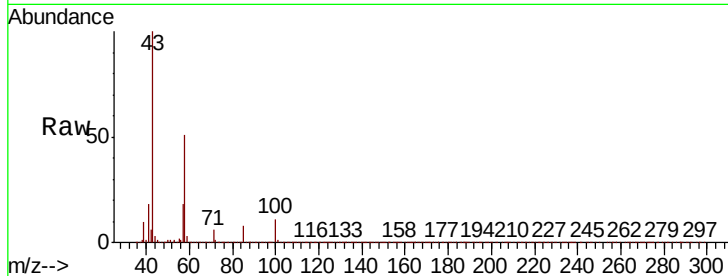




#59
2-Hexanone
Concen: 272.184 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

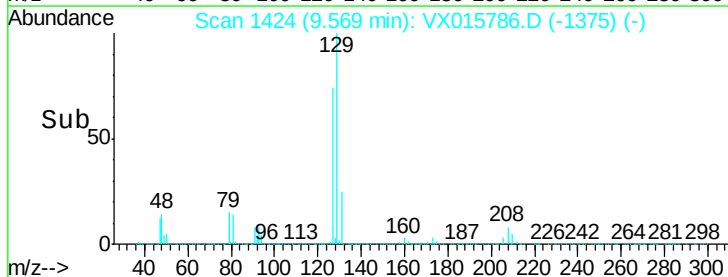
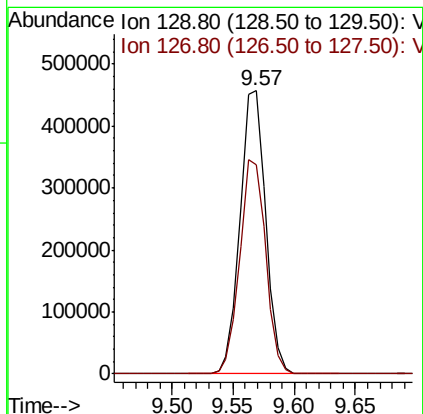
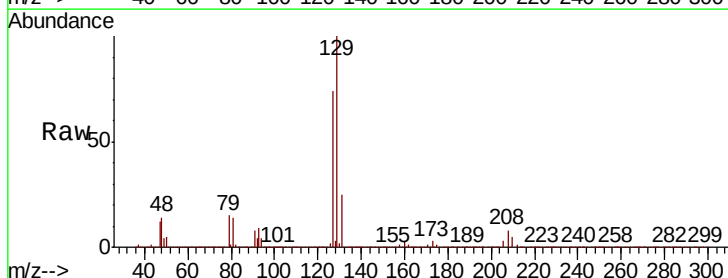
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

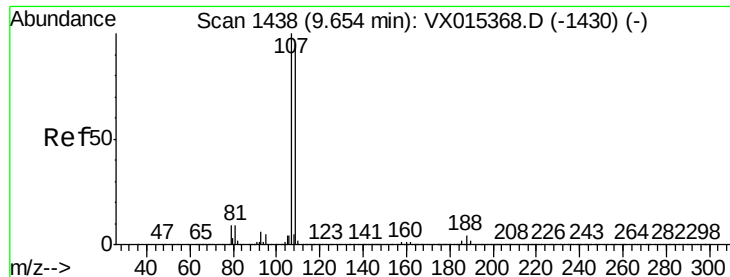
Tot Ion: 43 Resp: 3479279
Ion Ratio Lower Upper
43 100
58 52.6 25.6 76.6



#60
Dibromochloromethane
Concen: 54.851 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:129 Resp: 662868
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 54.193 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

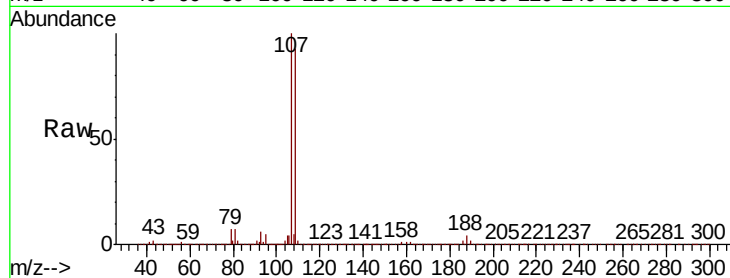
VSTDCCC050

Tot Ion: 107 Resp: 592628

Ion Ratio Lower Upper

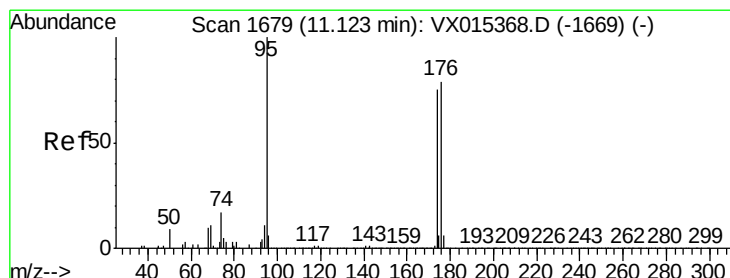
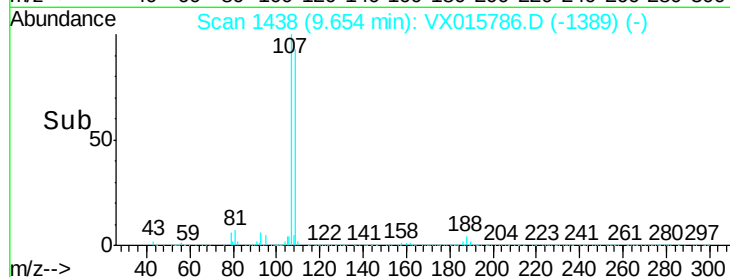
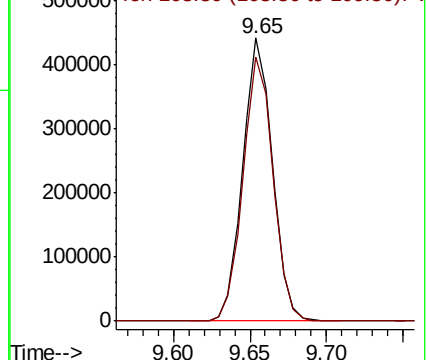
107 100

109 94.6 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.000 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

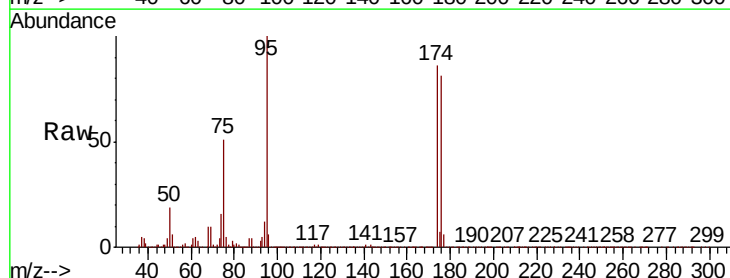
Tgt Ion: 95 Resp: 705469

Ion Ratio Lower Upper

95 100

174 86.4 0.0 158.6

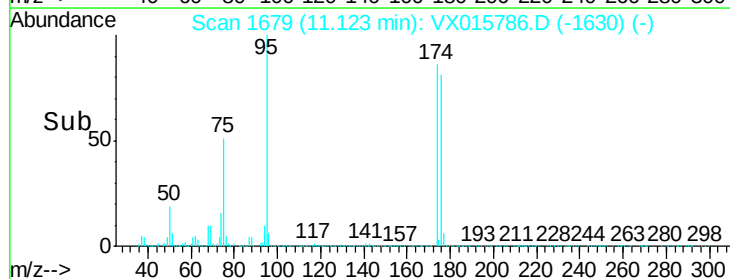
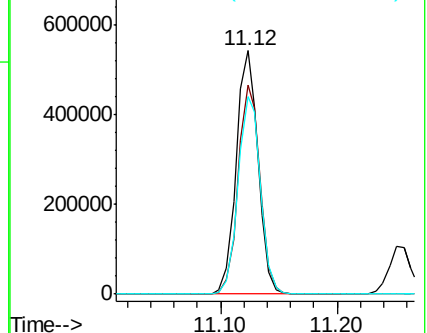
176 83.2 0.0 159.0

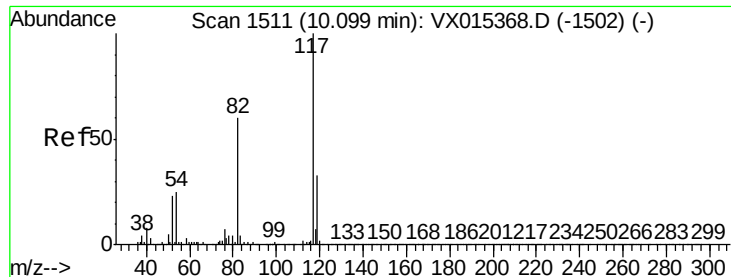


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

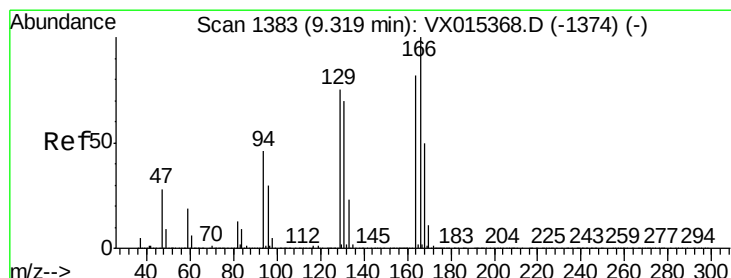
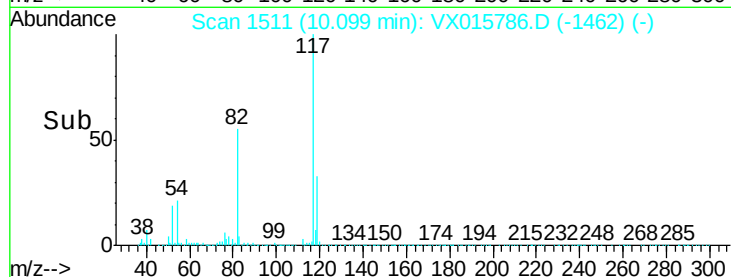
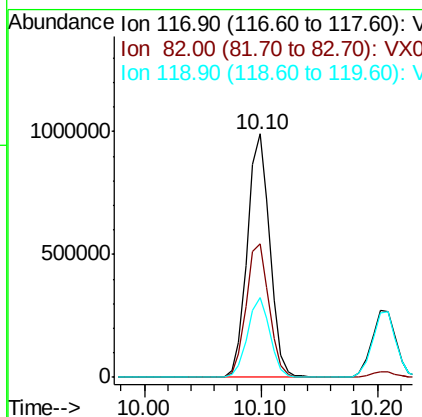
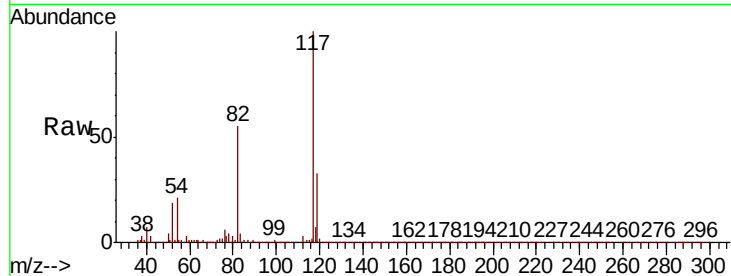




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

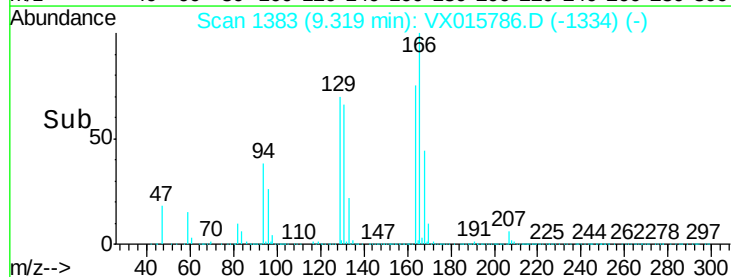
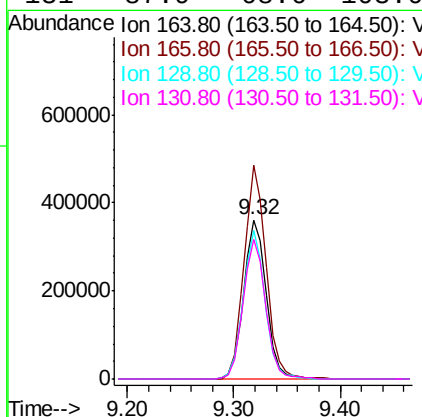
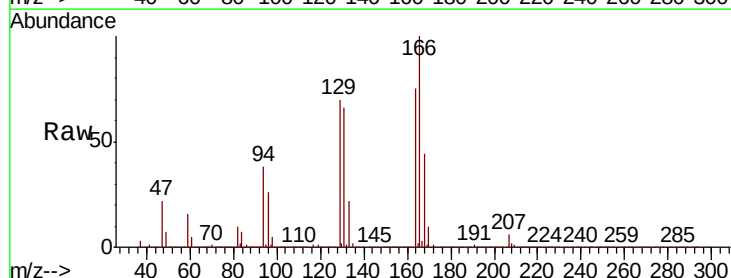
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

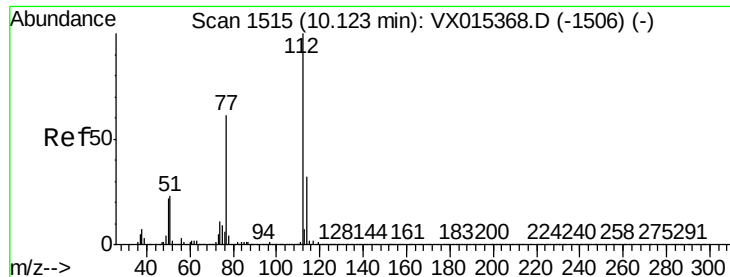
Tot Ion:117 Resp: 1340664
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.8
119 32.7 26.8 40.2



#64
Tetrachloroethene
Concen: 53.249 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:164 Resp: 538758
Ion Ratio Lower Upper
164 100
166 134.0 97.8 146.6
129 93.5 73.0 109.4
131 87.9 68.6 103.0

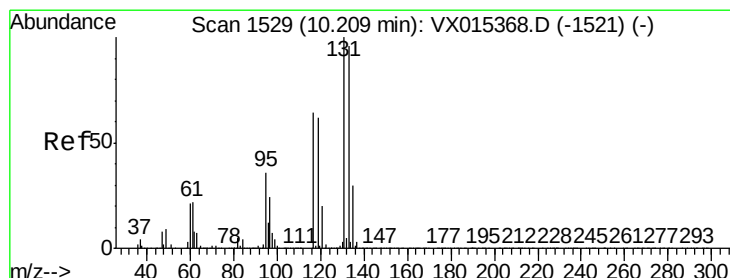
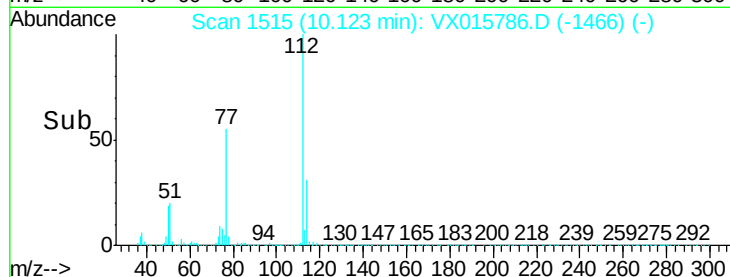
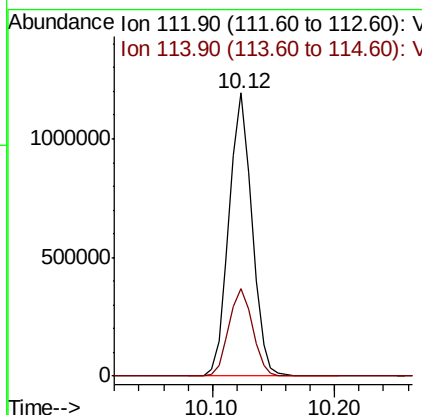
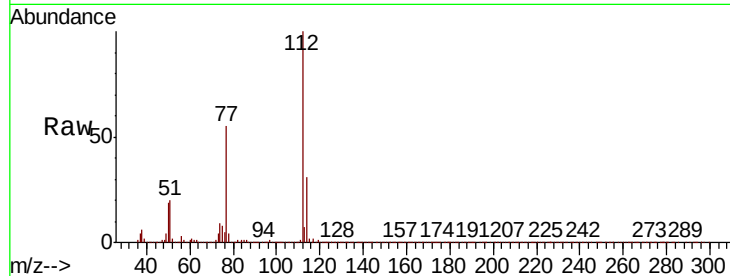




#65
Chlorobenzene
Concen: 57.846 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

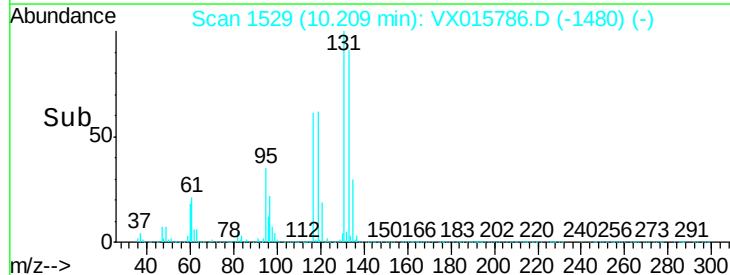
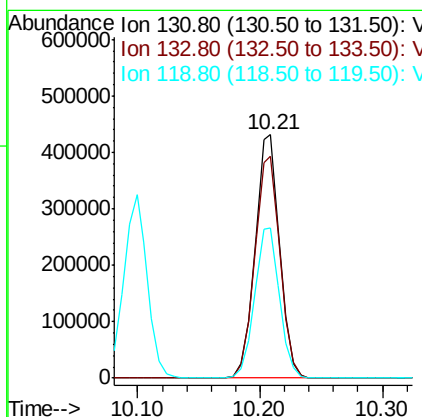
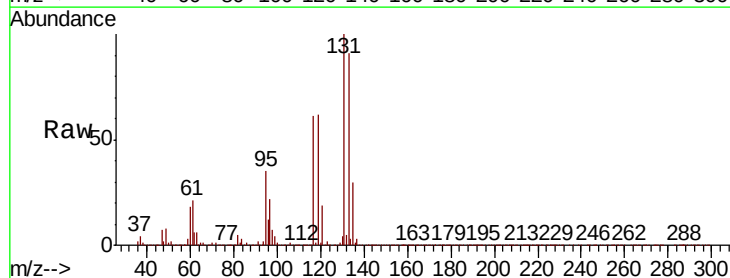
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

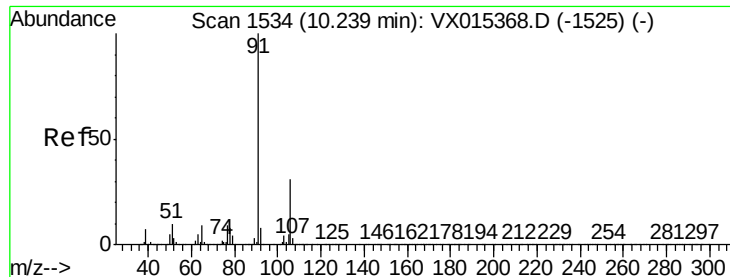
Tot Ion:112 Resp: 1546625
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.507 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:131 Resp: 603580
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 62.6 31.1 93.3

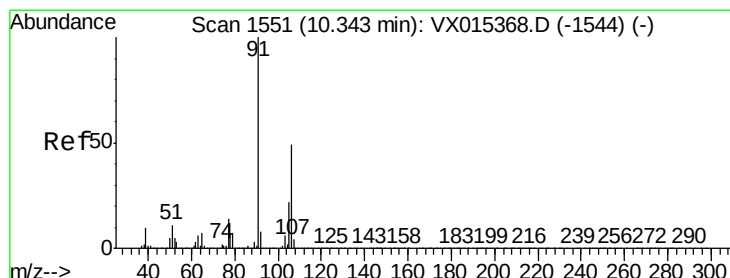
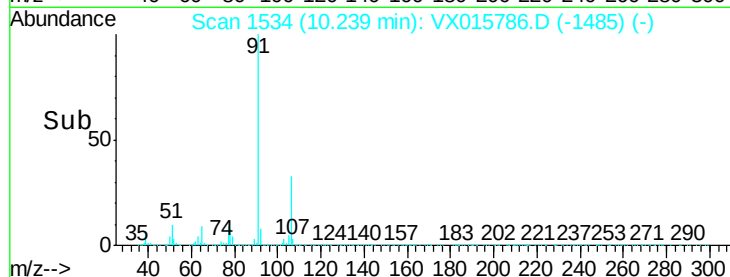
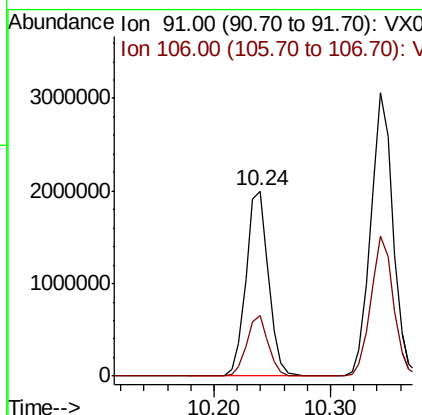
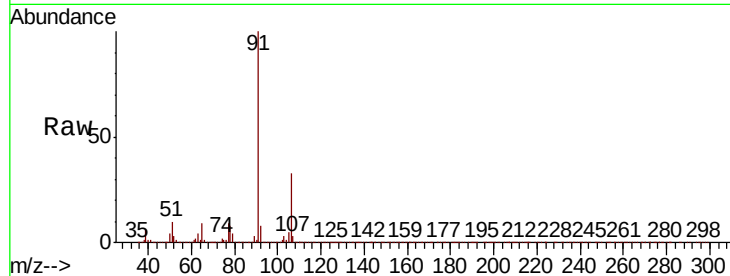




#67
Ethyl Benzene
Concen: 56.864 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

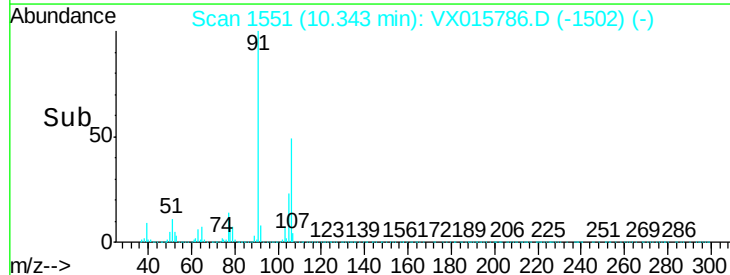
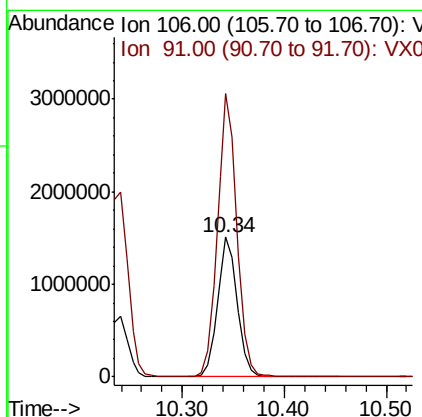
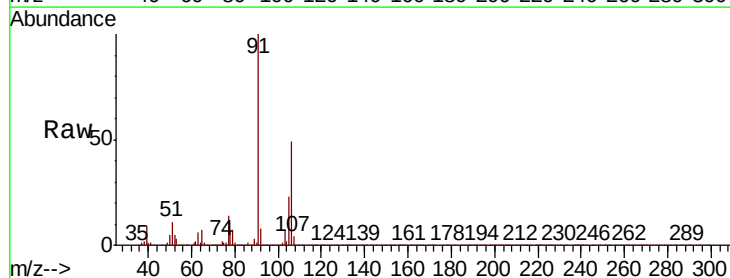
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

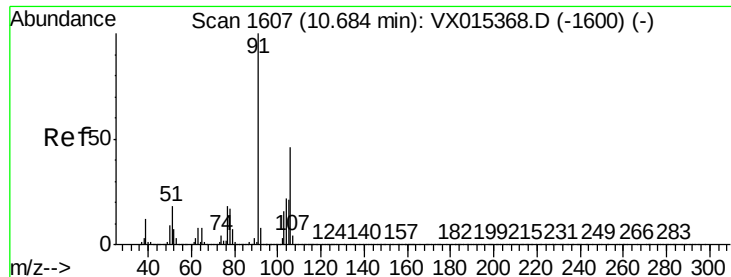
Tot Ion: 91 Resp: 2696500
Ion Ratio Lower Upper
91 100
106 32.6 24.8 37.2



#68
m/p-Xylenes
Concen: 115.384 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 106 Resp: 2037430
Ion Ratio Lower Upper
106 100
91 199.3 163.4 245.0

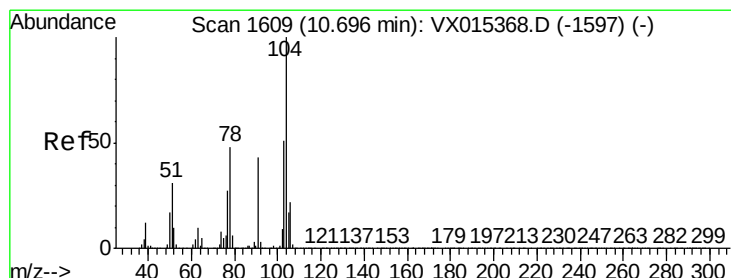
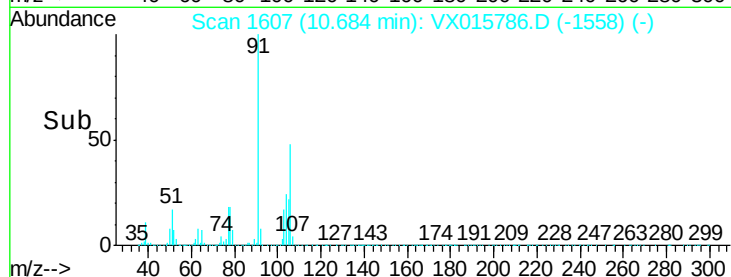
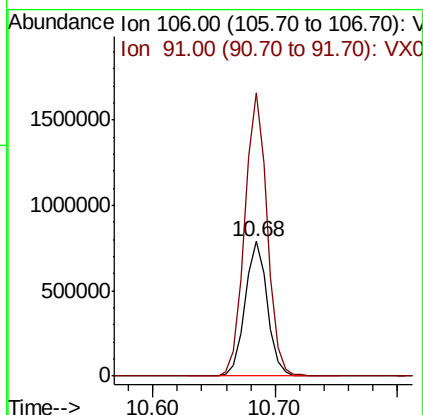
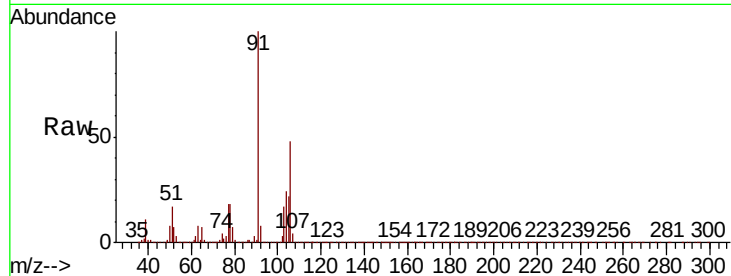




#69
o-Xylene
Concen: 57.026 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

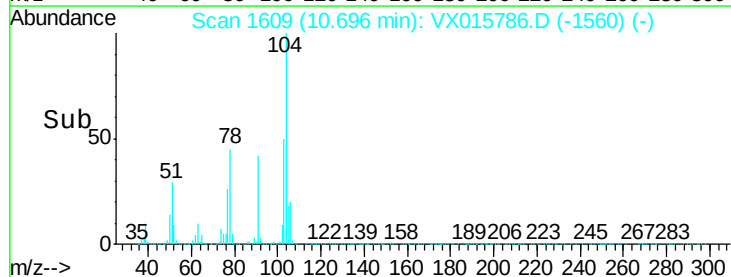
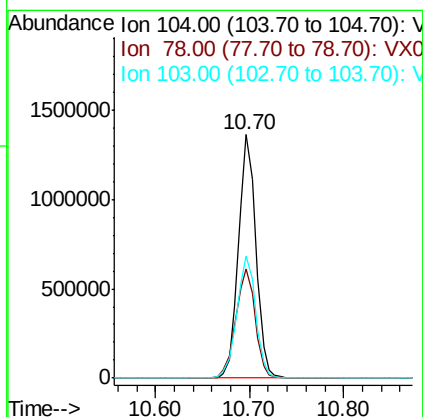
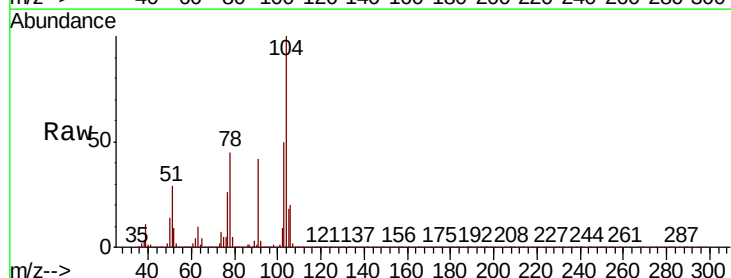
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

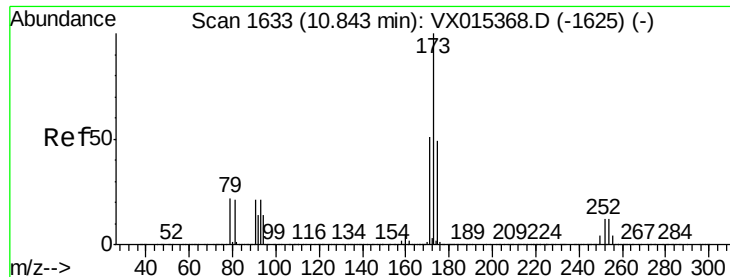
Tot Ion:106 Resp: 995039
Ion Ratio Lower Upper
106 100
91 211.2 107.1 321.3



#70
Styrene
Concen: 57.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:104 Resp: 1759168
Ion Ratio Lower Upper
104 100
78 49.7 42.0 63.0
103 53.9 43.4 65.0





#71

Bromoform

Concen: 53.314 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

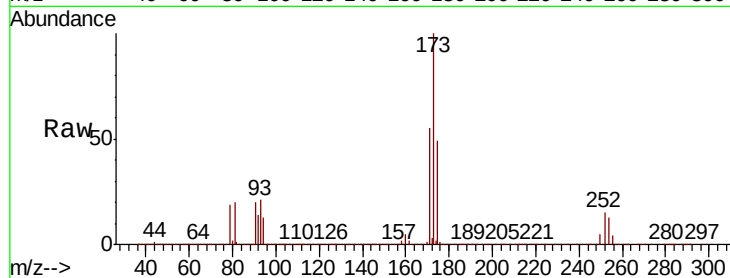
Tot Ion:173 Resp: 518417

Ion Ratio Lower Upper

173 100

175 49.5 23.9 71.7

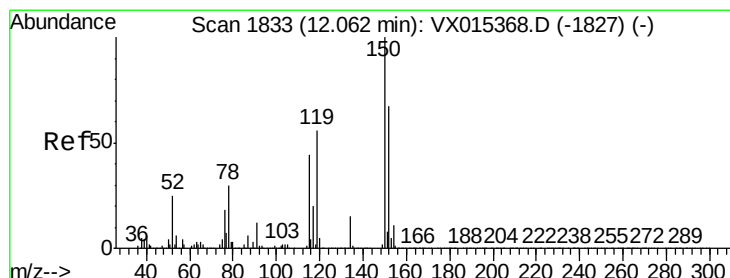
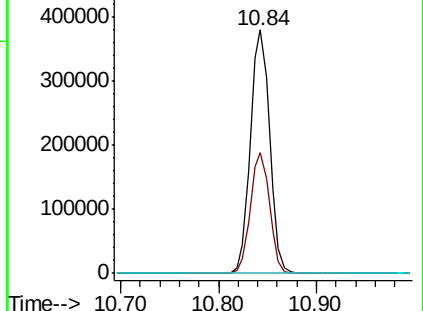
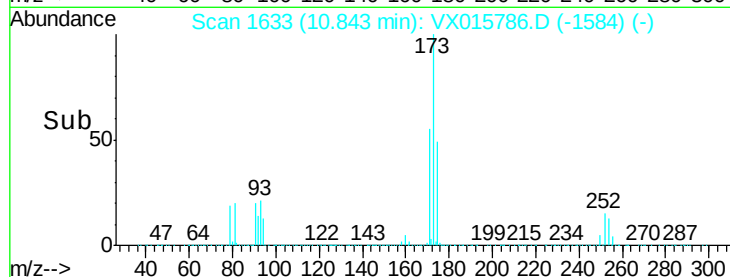
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

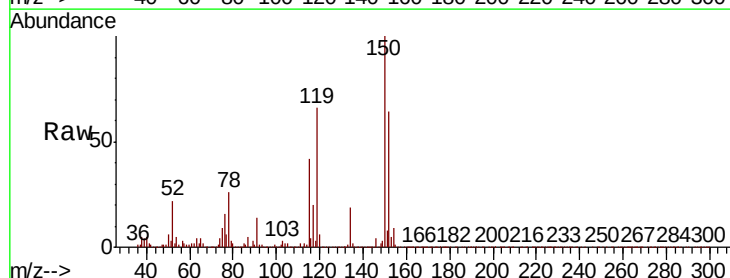
Tgt Ion:152 Resp: 755108

Ion Ratio Lower Upper

152 100

115 79.5 39.0 116.9

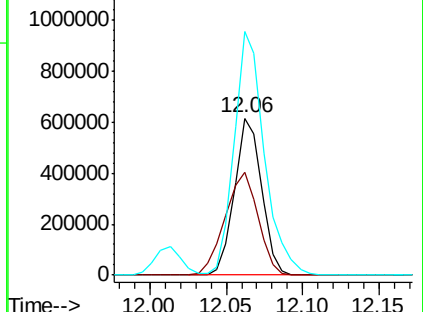
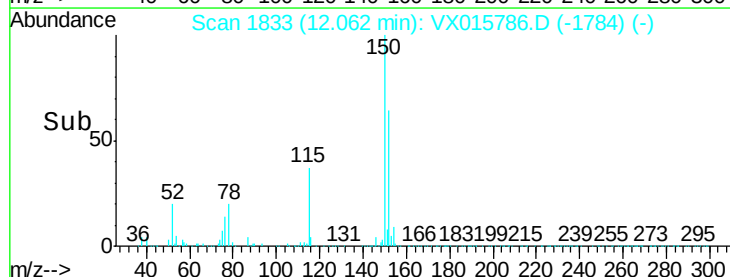
150 172.7 0.0 340.8

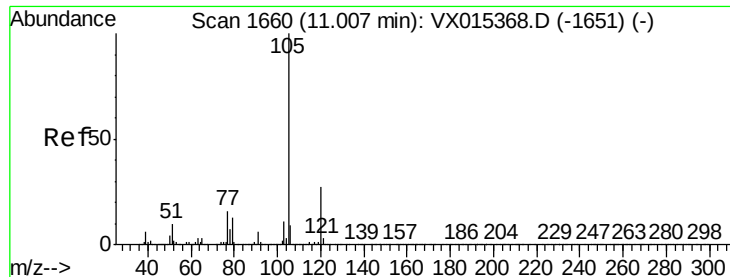


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.189 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

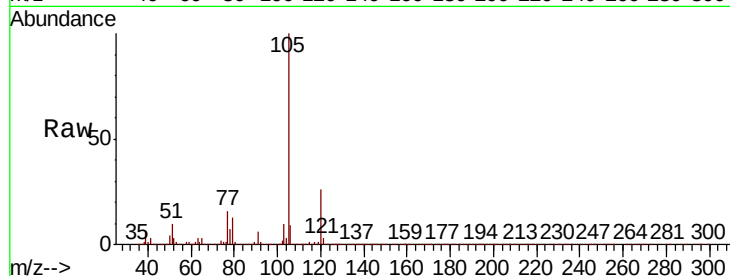
VSTDCCC050

Tot Ion:105 Resp: 2681074

Ion Ratio Lower Upper

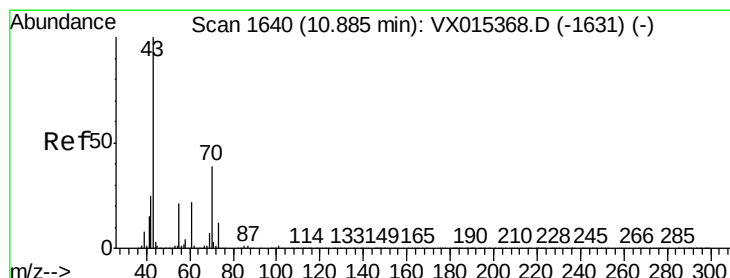
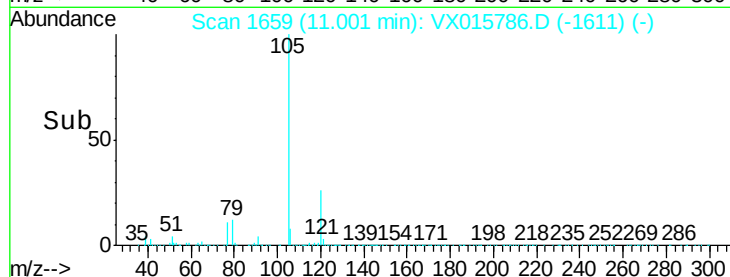
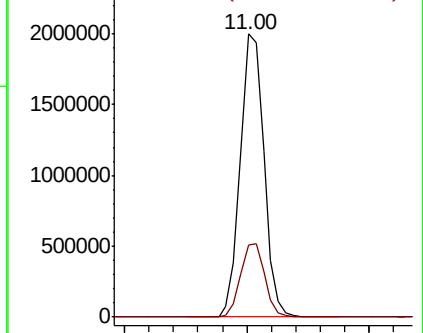
105 100

120 26.4 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: 47.241 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tgt Ion: 43 Resp: 1299953

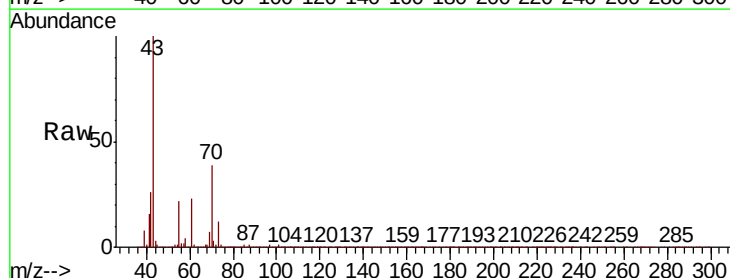
Ion Ratio Lower Upper

43 100

70 40.2 30.2 45.4

55 22.3 16.8 25.2

61 23.2 18.2 27.2

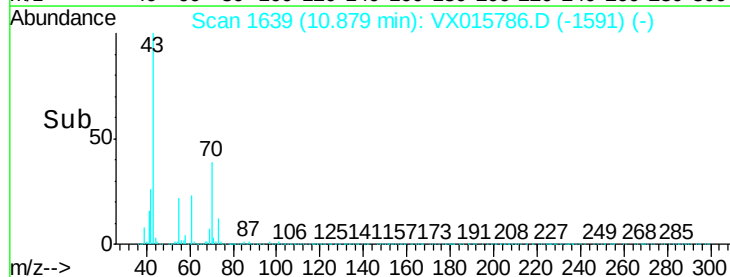
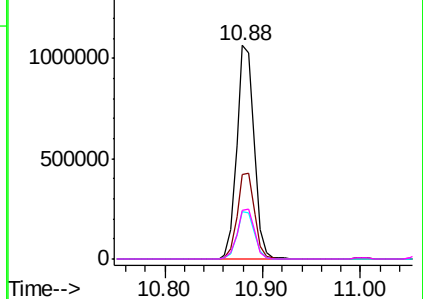


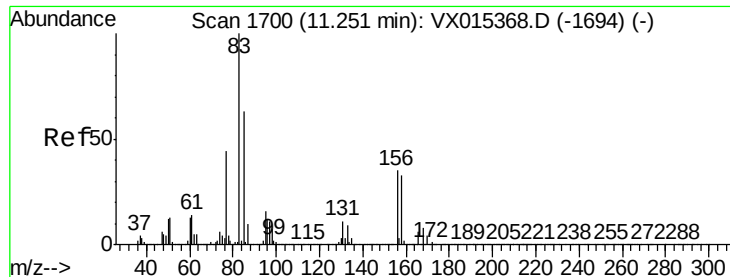
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.411 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

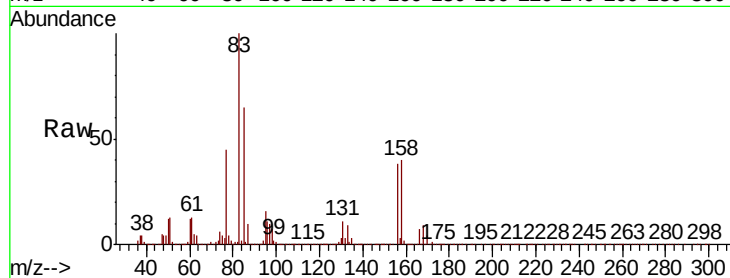
Tot Ion: 83 Resp: 872805

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

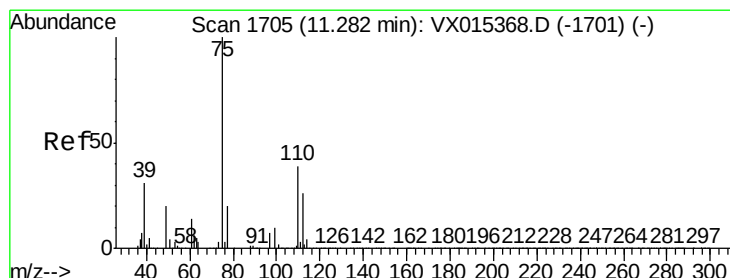
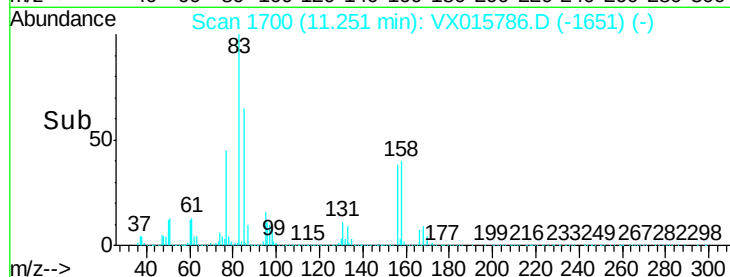
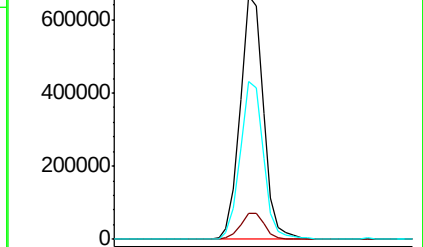
85 64.8 32.0 96.0



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: 65.554 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015786.D

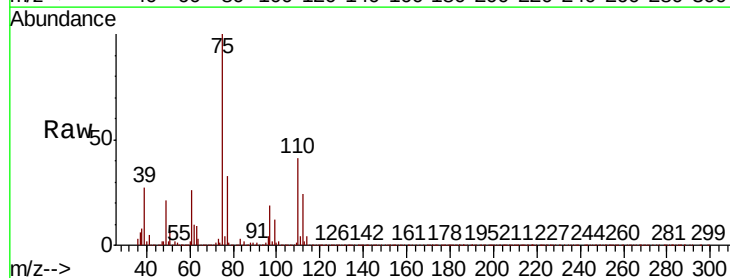
Acq: 21 Apr 2020 11:44

Tgt Ion: 75 Resp: 1017941

Ion Ratio Lower Upper

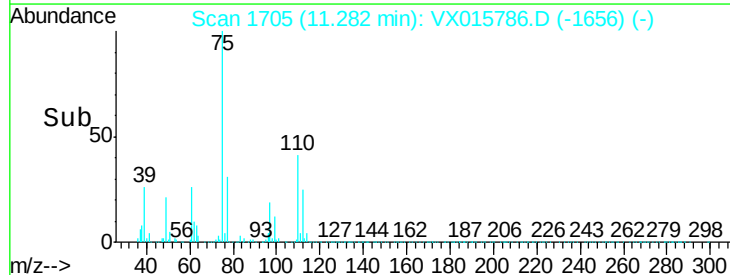
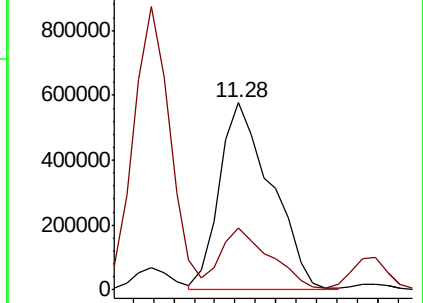
75 100

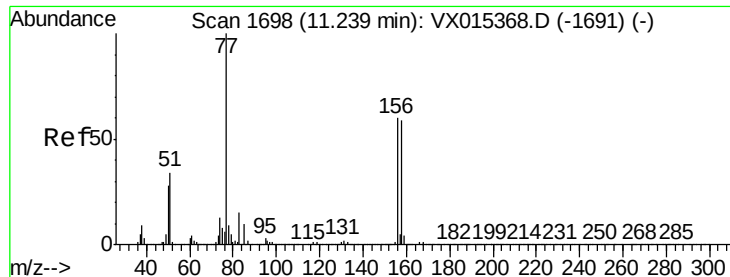
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.689 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

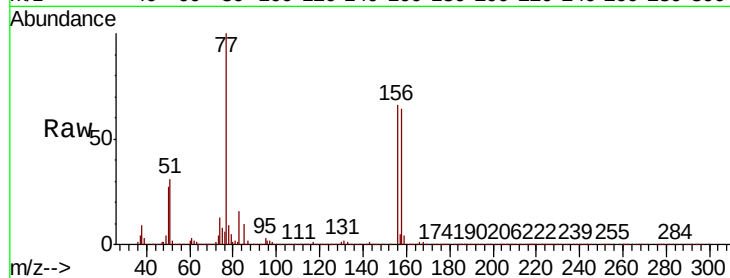
Tot Ion:156 Resp: 721739

Ion Ratio Lower Upper

156 100

77 151.2 82.2 246.5

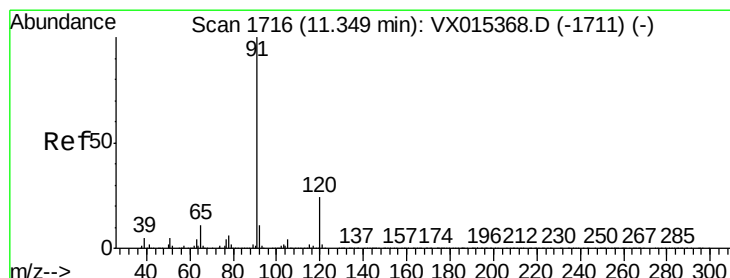
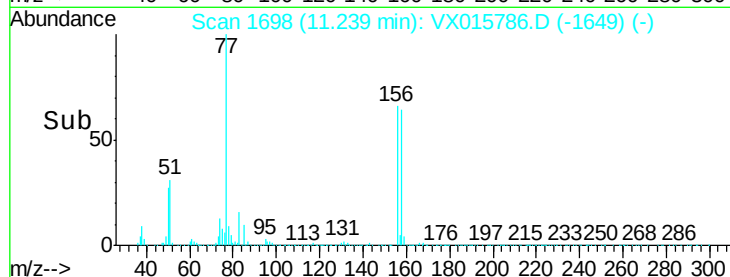
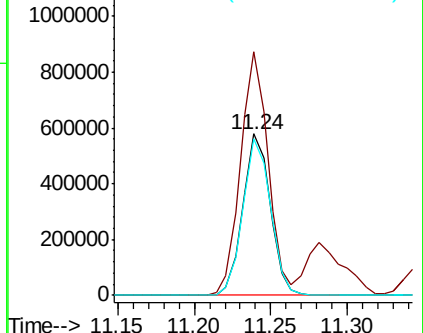
158 98.3 49.3 147.9



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: 53.941 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015786.D

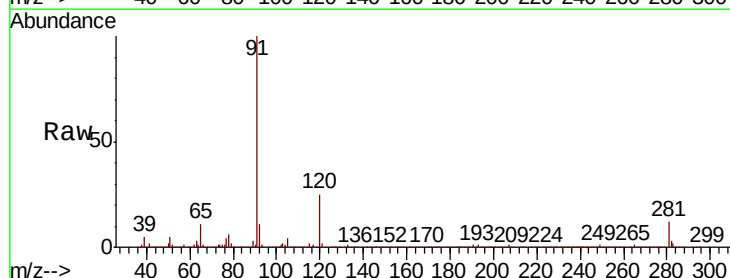
Acq: 21 Apr 2020 11:44

Tgt Ion: 91 Resp: 3051674

Ion Ratio Lower Upper

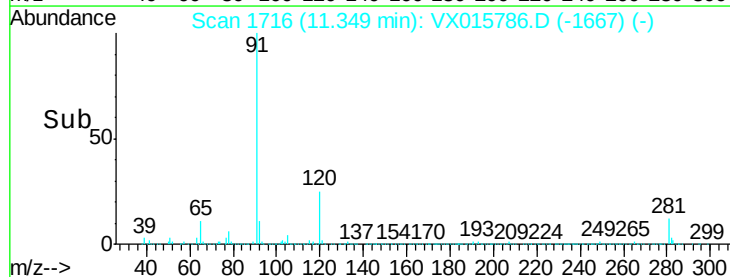
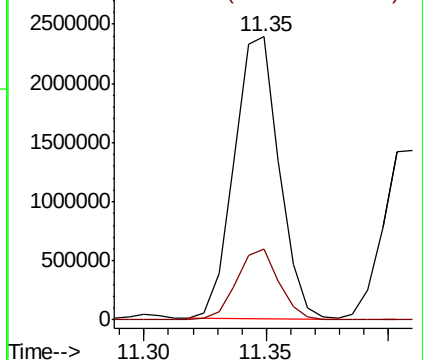
91 100

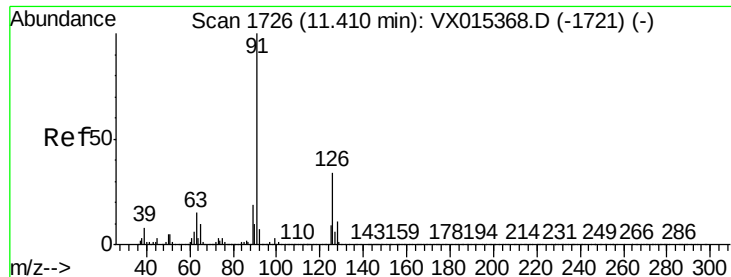
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.871 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

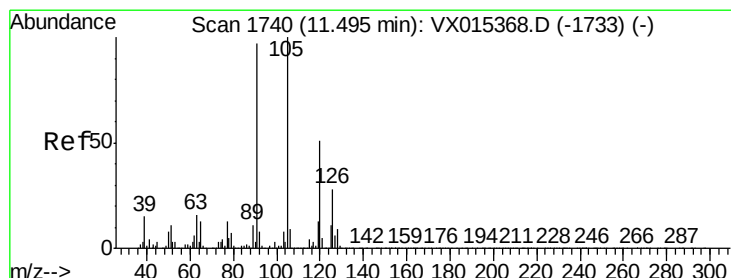
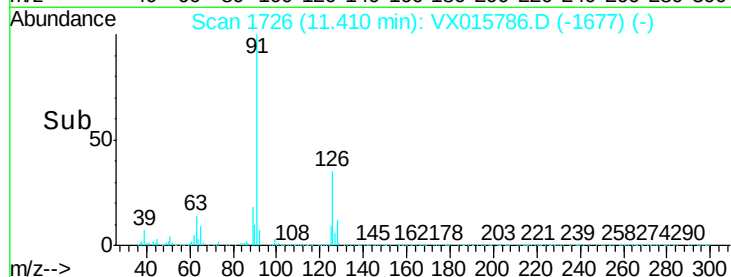
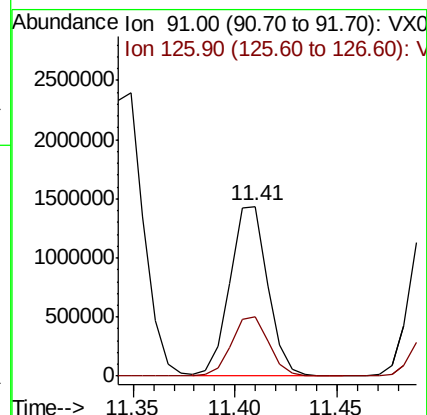
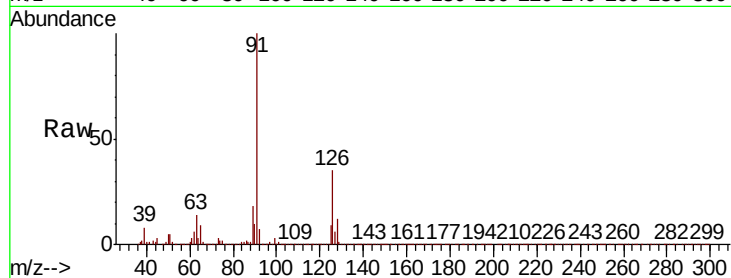
VSTDCCC050

Tot Ion: 91 Resp: 1833342

Ion Ratio Lower Upper

91 100

126 34.5 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 53.928 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015786.D

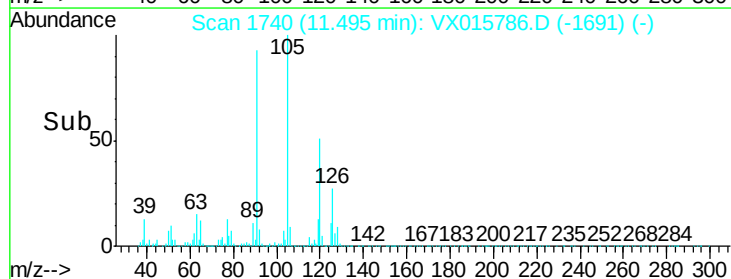
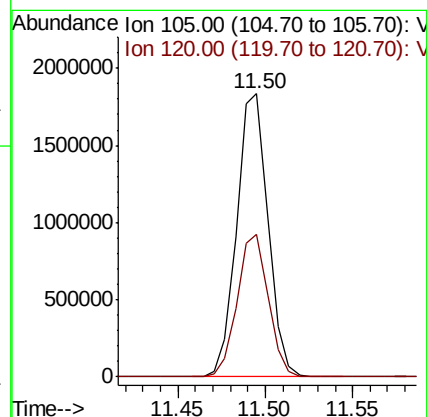
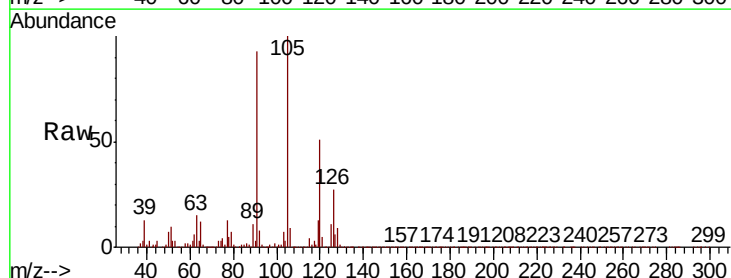
Acq: 21 Apr 2020 11:44

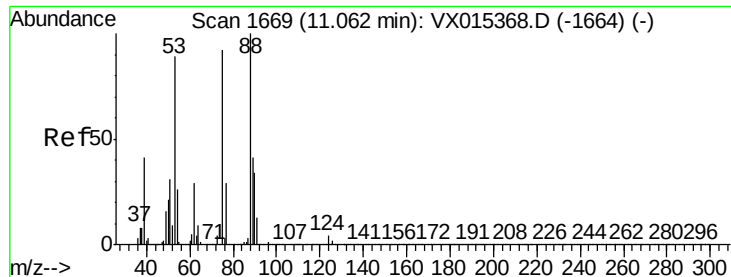
Tgt Ion: 105 Resp: 2278687

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4

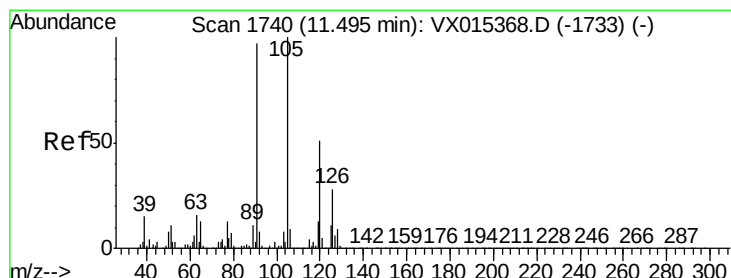
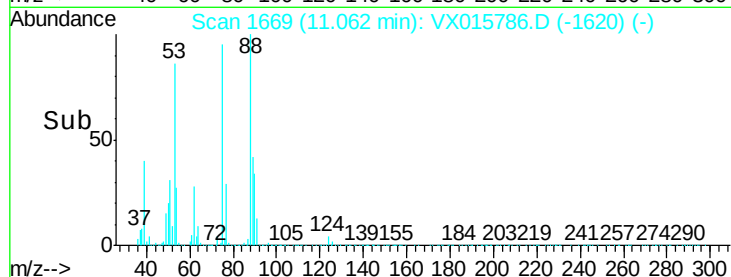
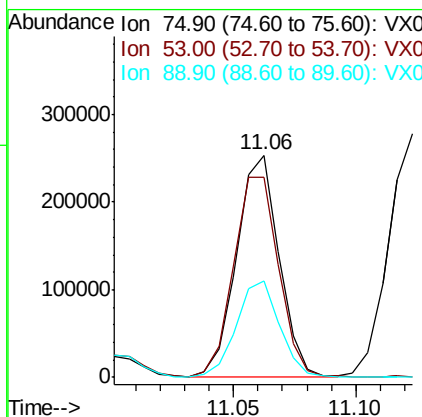
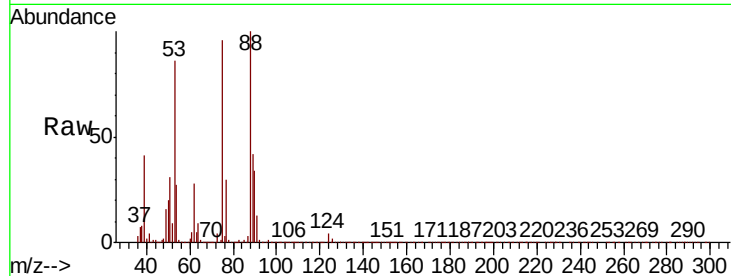




#81
trans-1,4-Dichloro-2-butene
Concen: 47.230 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

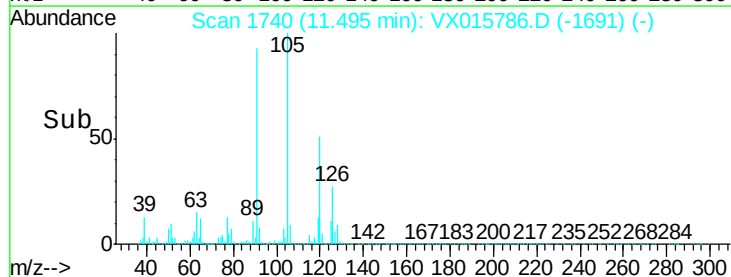
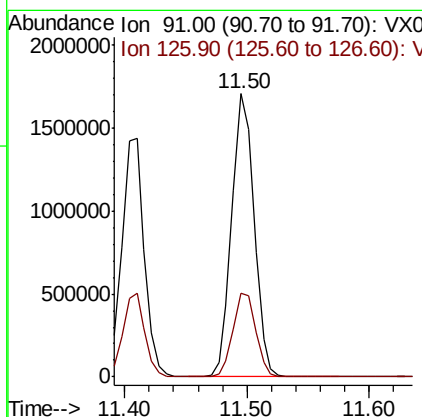
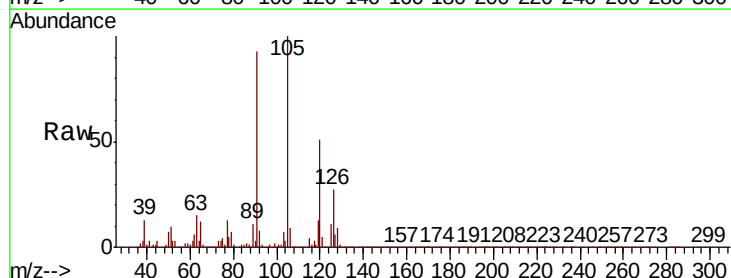
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

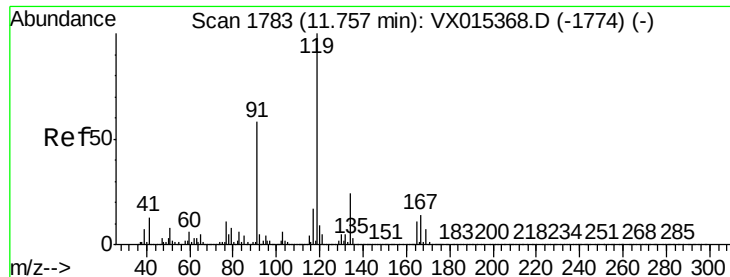
Tot Ion: 75 Resp: 305653
Ion Ratio Lower Upper
75 100
53 95.6 80.1 120.1
89 44.3 36.1 54.1



#82
4-Chlorotoluene
Concen: 53.071 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 91 Resp: 2157382
Ion Ratio Lower Upper
91 100
126 30.2 14.7 44.1

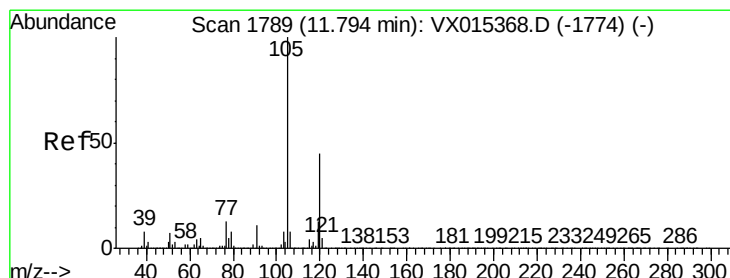
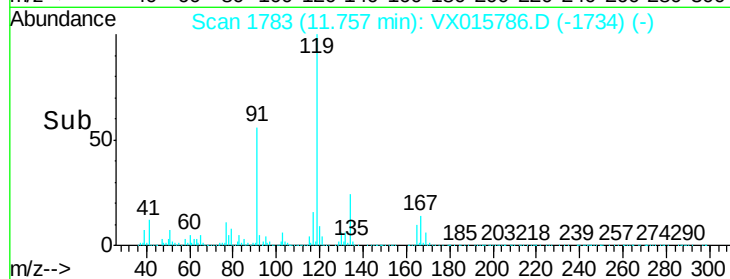
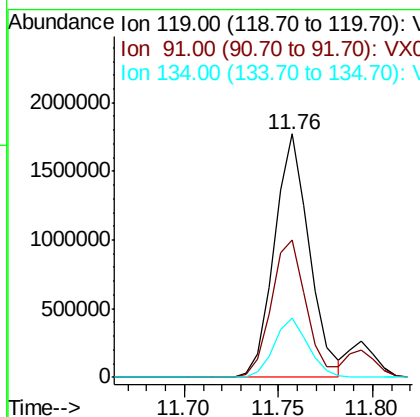
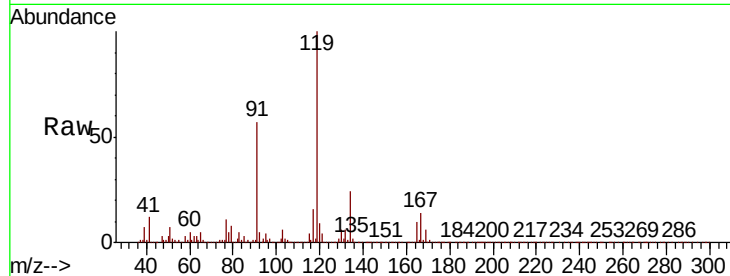




#83
 tert-Butylbenzene
 Concen: 54.996 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

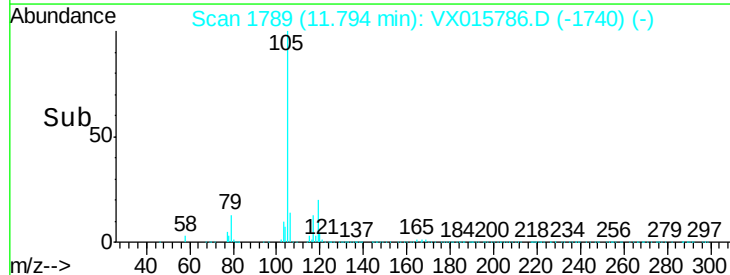
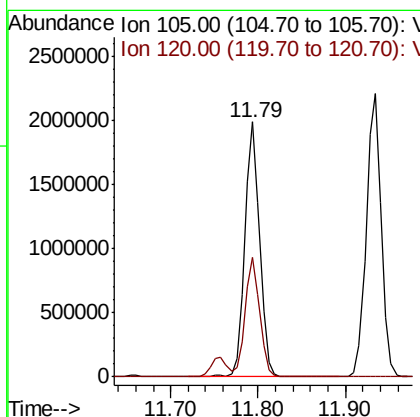
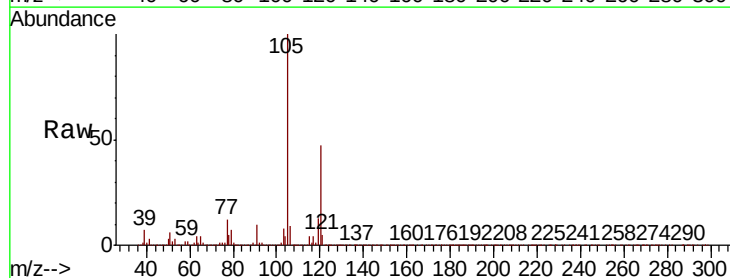
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

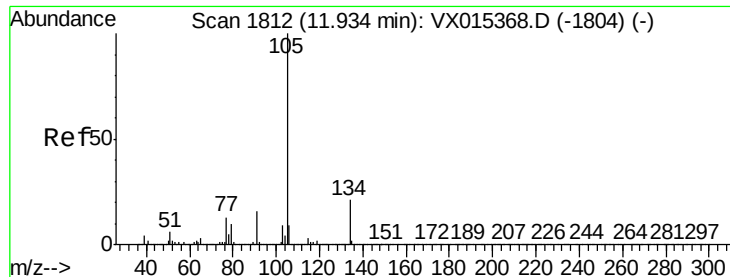
Tot Ion:119 Resp: 2269872
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.6 85.8
 134 23.8 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.013 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion:105 Resp: 2325739
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 55.418 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

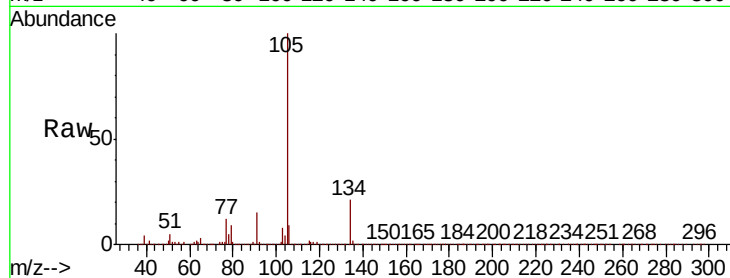
VSTDCCC050

Tot Ion:105 Resp: 2645342

Ion Ratio Lower Upper

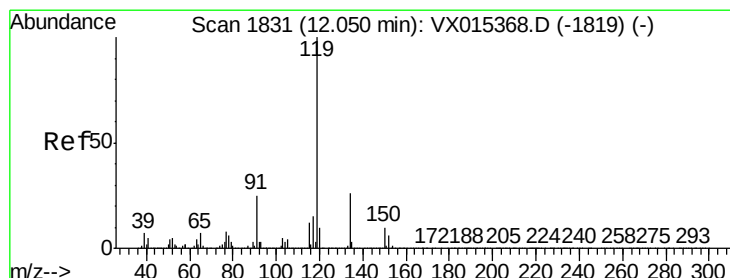
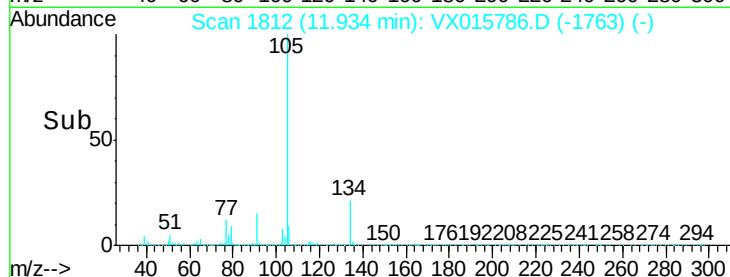
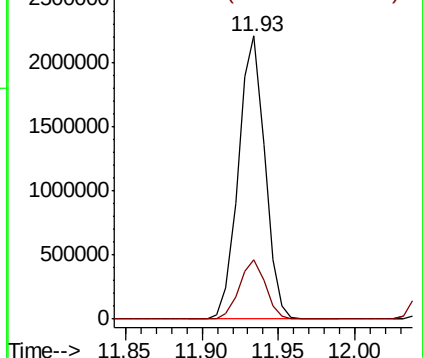
105 100

134 20.7 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: 56.577 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

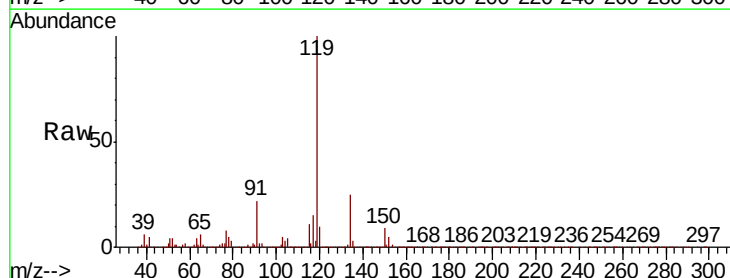
Tgt Ion:119 Resp: 2507142

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

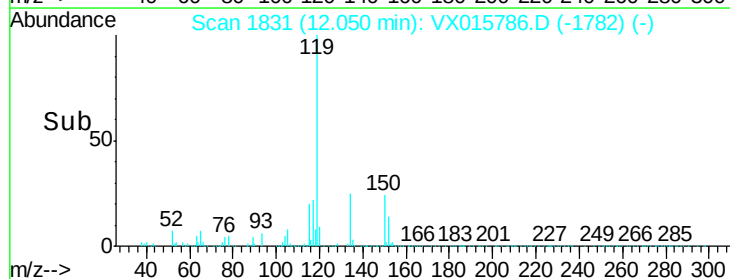
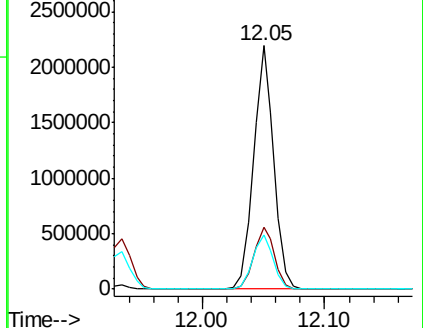
91 22.8 12.4 37.4

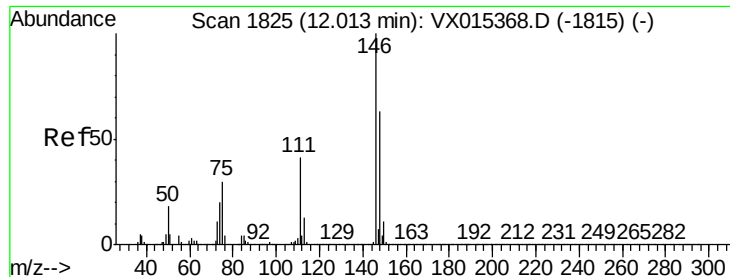


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

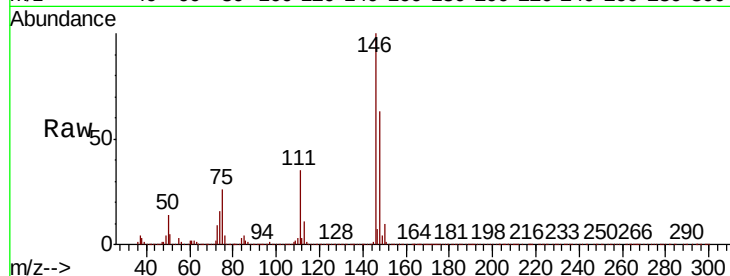




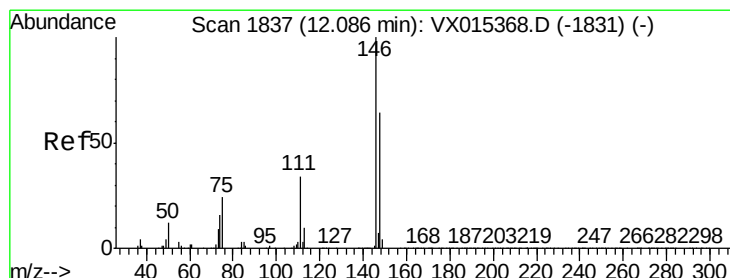
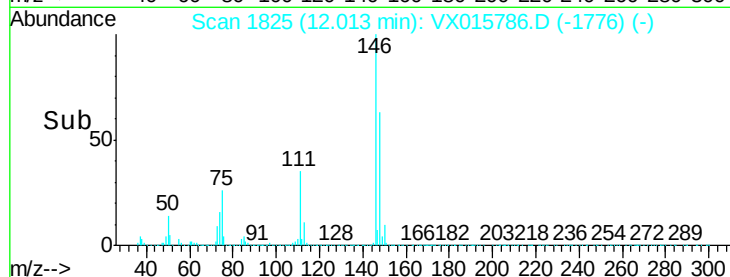
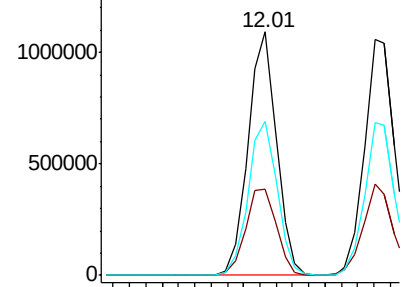
#87
 1,3-Dichlorobenzene
 Concen: 56.111 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 1325659
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.3 60.9
 148 64.3 31.3 93.9

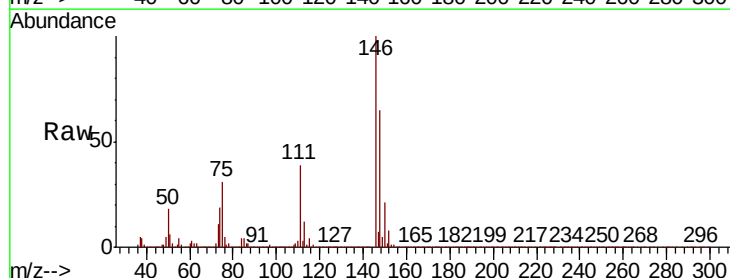


Abundance Ion 145.90 (145.60 to 146.60): V
 1500000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

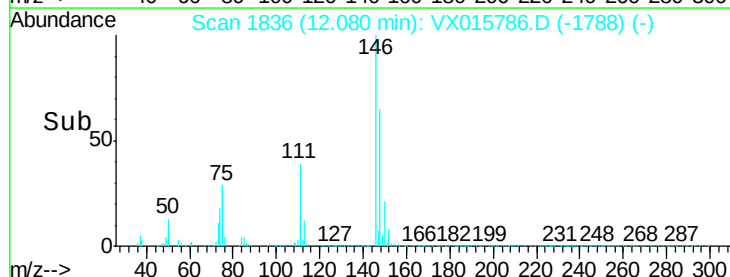
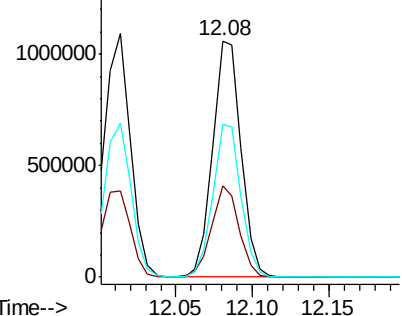


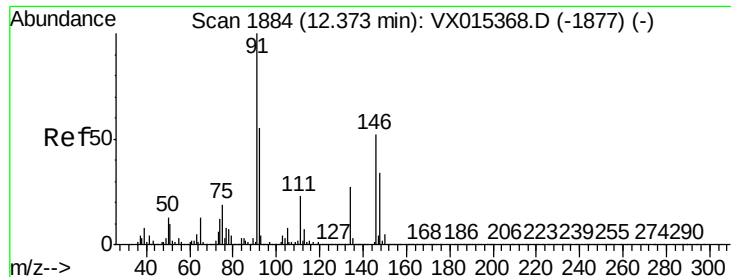
#88
 1,4-Dichlorobenzene
 Concen: 56.197 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion:146 Resp: 1352371
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.5
 148 64.1 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
 1500000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

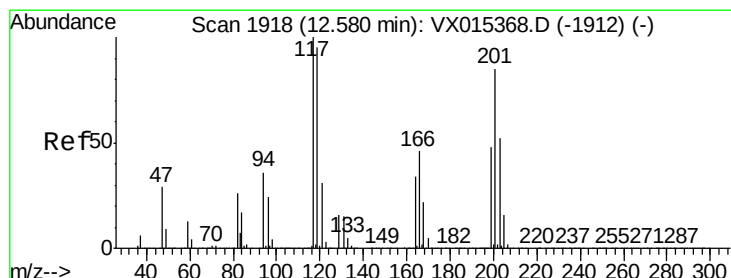
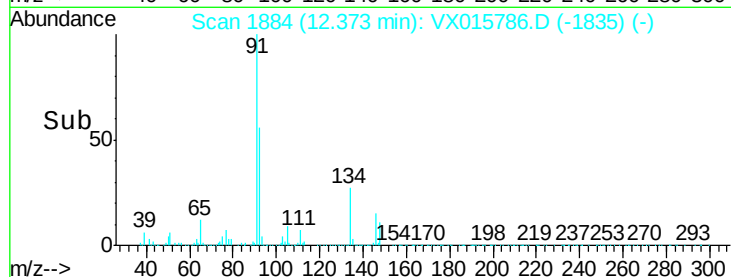
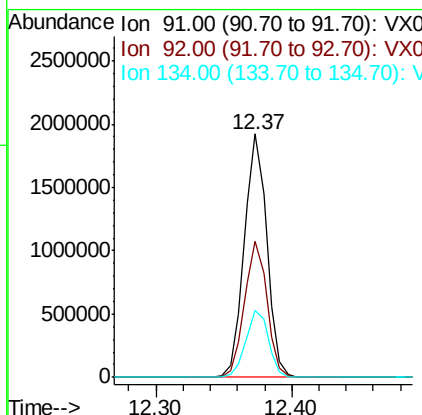
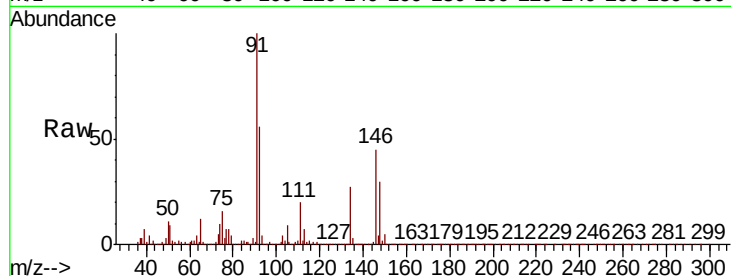




#89
n-Butylbenzene
Concen: 55.373 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

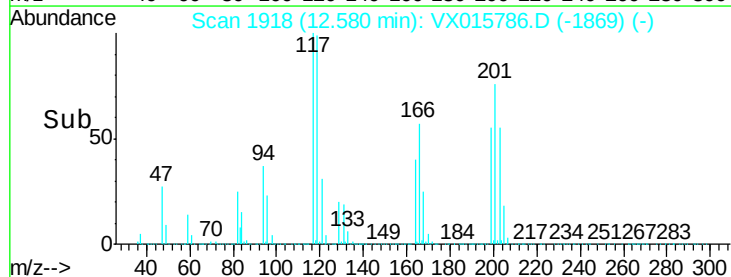
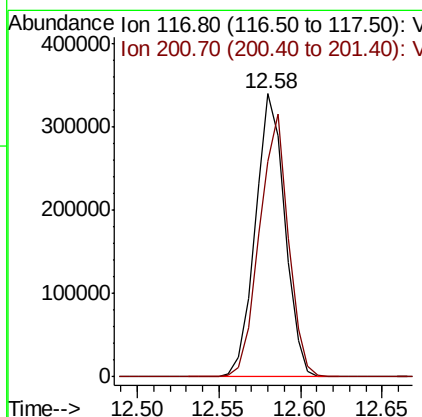
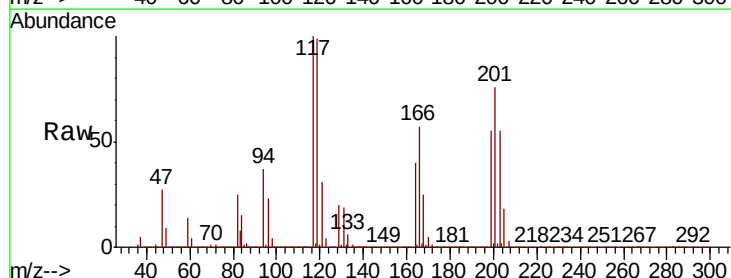
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

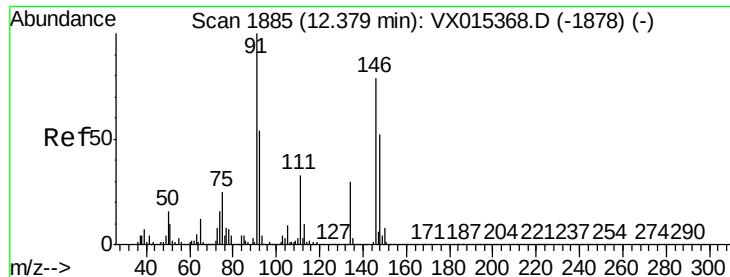
Tot Ion: 91 Resp: 2217452
Ion Ratio Lower Upper
91 100
92 55.7 27.2 81.5
134 27.9 13.4 40.2



#90
Hexachloroethane
Concen: 49.729 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 117 Resp: 428921
Ion Ratio Lower Upper
117 100
201 90.3 42.6 128.0

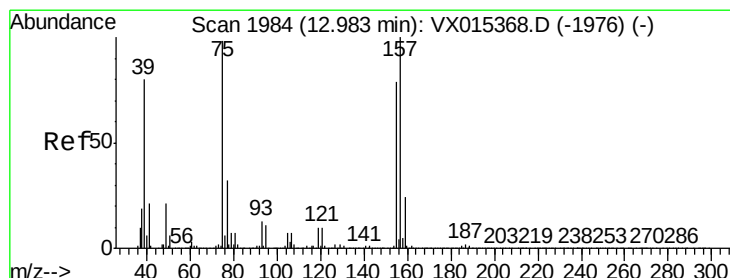
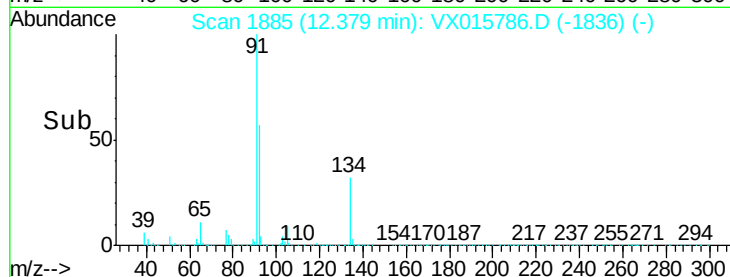
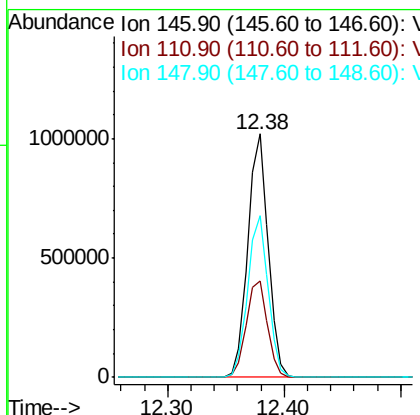
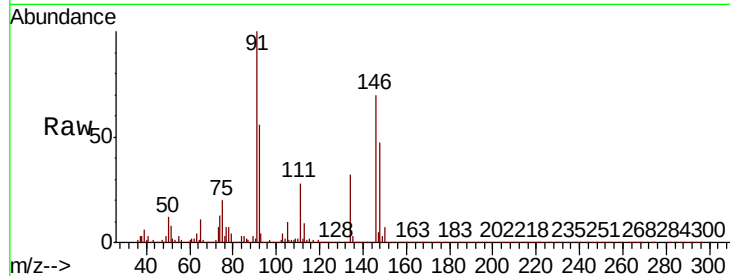




#91
 1,2-Dichlorobenzene
 Concen: 53.998 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

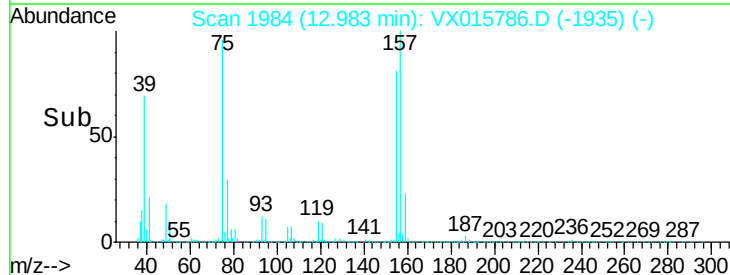
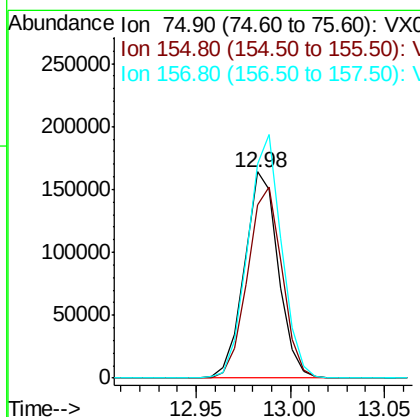
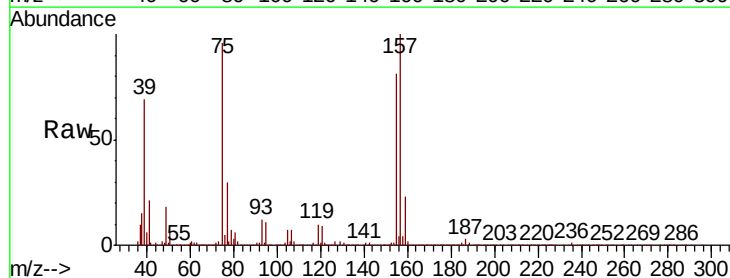
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

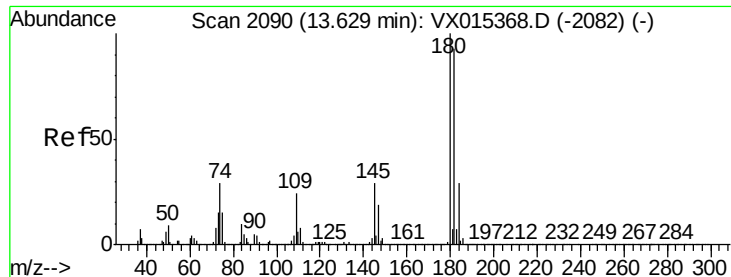
Tot Ion:146 Resp: 1248485
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.0 63.0
 148 66.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.376 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion: 75 Resp: 203052
 Ion Ratio Lower Upper
 75 100
 155 94.4 42.8 128.4
 157 118.7 53.4 160.3

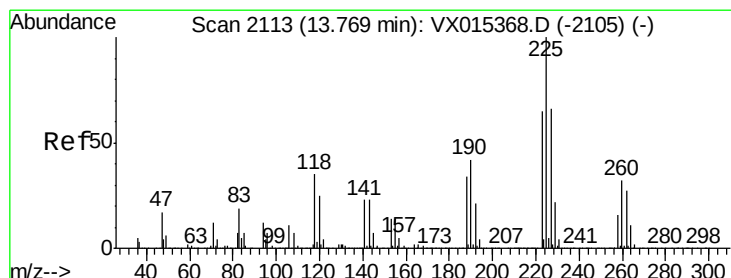
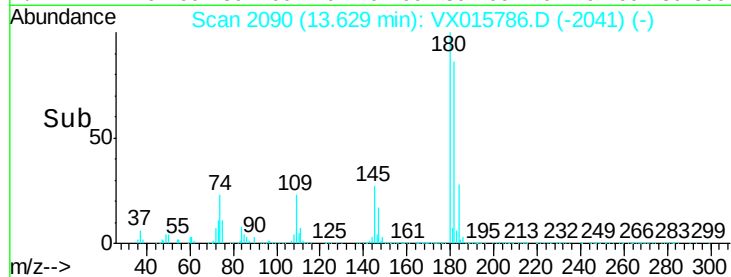
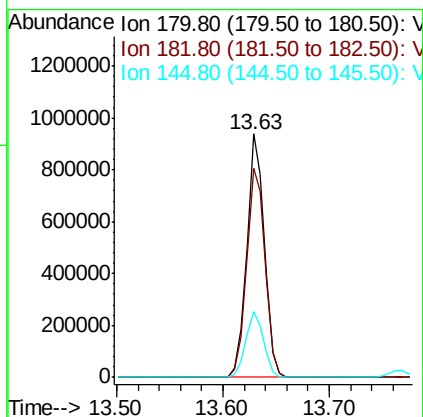
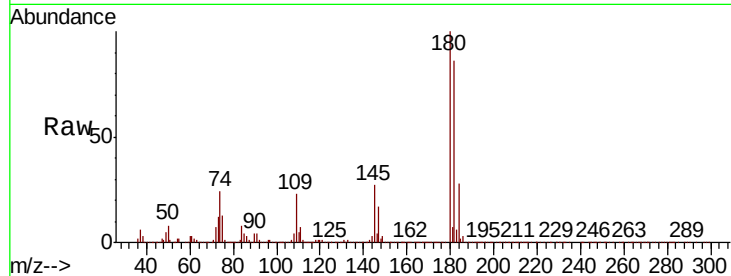




#93
 1,2,4-Trichlorobenzene
 Concen: 59.263 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

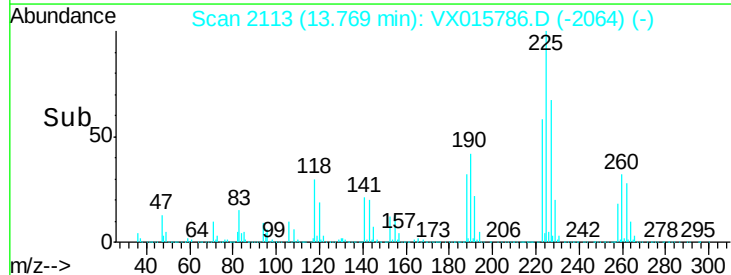
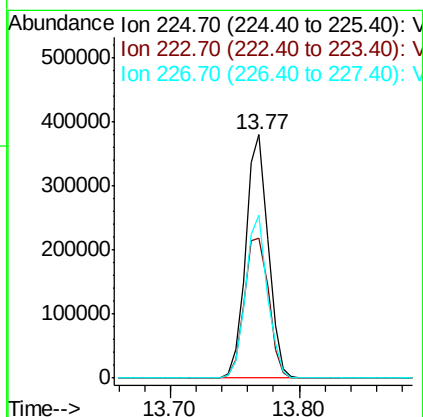
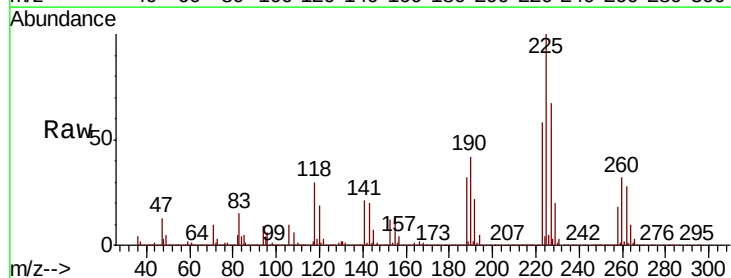
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

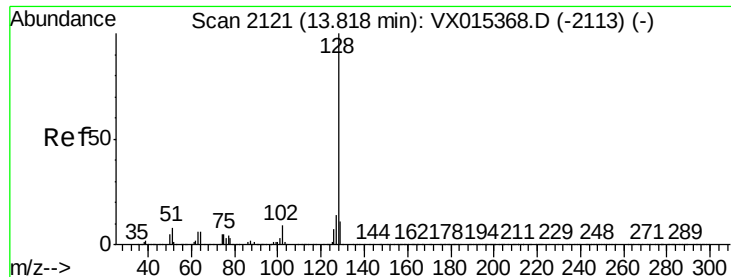
Tot Ion:180 Resp: 1083832
 Ion Ratio Lower Upper
 180 100
 182 90.2 46.9 140.7
 145 27.5 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 51.965 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion:225 Resp: 452477
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 65.4 30.4 91.3

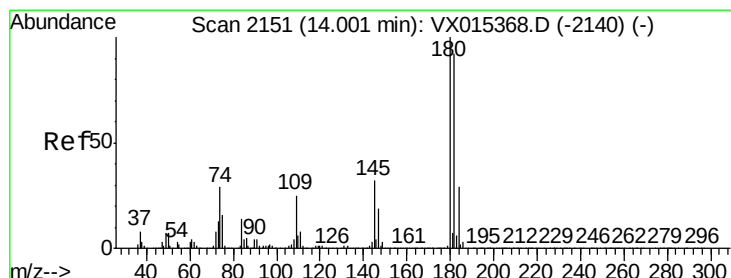
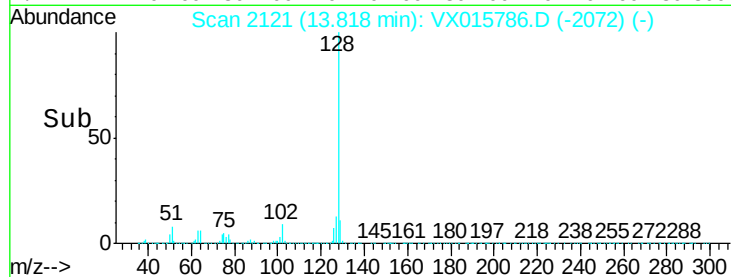
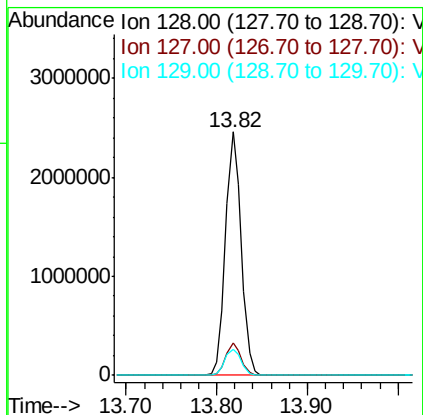
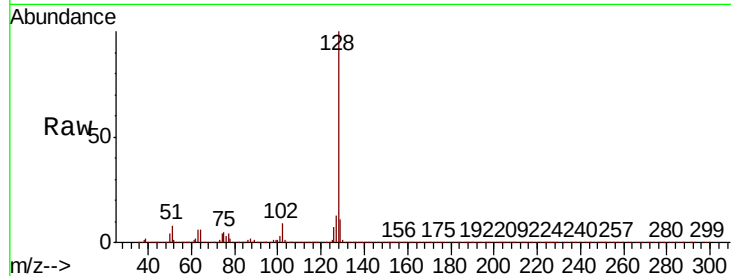




#95
Naphthalene
Concen: 52.839 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 2947659
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 58.215 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:180 Resp: 1025052
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.0
145 30.1 15.8 47.3

