

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032620\
 Data File : VX015356.D
 Acq On : 26 Mar 2020 13:16
 Operator : JC/SP
 Sample : VX0326WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 07:48:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	193956	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1087894	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	989722	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	463639	30.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.97%
60) 4-Bromofluorobenzene	11.12	95	516491	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.70	98	1256425	29.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	155450	16.783	ug/l 99
3) Chloromethane	1.31	50	190886	16.699	ug/l 99
4) Vinyl Chloride	1.39	62	192062	17.465	ug/l 98
5) Bromomethane	1.64	94	115841	19.788	ug/l 96
6) Chloroethane	1.72	64	116545	16.987	ug/l 94
7) Trichlorofluoromethane	1.92	101	275922	17.557	ug/l 96
8) Diethyl Ether	2.17	74	114110	18.872	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	190045	18.278	ug/l 99
10) 1,1-Dichloroethene	2.36	96	188010	17.802	ug/l 98
11) Methyl Iodide	2.49	142	246823	17.587	ug/l 97
12) Methyl Acetate	2.75	43	285258	18.459	ug/l 97
13) Acrolein	2.28	56	183557	91.306	ug/l 97
14) Acrylonitrile	3.12	53	607677	91.850	ug/l 99
15) Acetone	2.42	58	162351	96.505	ug/l 95
16) Carbon Disulfide	2.55	76	550278	17.824	ug/l 98
17) Allyl chloride	2.71	41	426668	17.894	ug/l 97
18) Methylene Chloride	2.83	84	218236	18.405	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	206304	18.058	ug/l 98
20) Diisopropyl ether	3.82	45	792839	18.539	ug/l 94
21) 1,1-Dichloroethane	3.67	63	393037	18.005	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	236387	17.961	ug/l 99
23) tert-Butyl Alcohol	3.04	59	314594	96.672	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	735673	18.762	ug/l 100
25) Chloroform	5.17	83	392108	18.172	ug/l 99
26) Cyclohexane	5.55	56	366889	17.590	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	295753	18.095	ug/l 99
30) 2-Butanone	4.64	43	918141	93.707	ug/l 98
31) 2,2-Dichloropropane	4.55	77	364610	18.538	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	360112	18.058	ug/l 99
33) Carbon Tetrachloride	5.75	117	328607	18.082	ug/l 99
34) Benzene	6.11	78	860745	18.272	ug/l 98
35) Methacrylonitrile	5.00	41	205976	18.538	ug/l 96
36) 1,2-Dichloroethane	6.16	62	341842	18.780	ug/l # 92
37) Trichloroethene	7.19	130	242337	18.270	ug/l 98
38) Methylcyclohexane	7.44	83	365704	18.252	ug/l 97
39) 1,2-Dichloropropane	7.49	63	233059	18.420	ug/l 99
40) Dibromomethane	7.64	93	150577	17.879	ug/l 96

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 ClientSampleId :

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	335930	18.354	ug/l	99
42) Vinyl Acetate	3.78	43	3627469	97.710	ug/l	100
43) Ethyl Acetate	4.79	43	363082	17.036	ug/l	99
44) Isopropyl Acetate	6.41	43	629494	18.353	ug/l	99
45) 1,4-Dioxane	7.74	88	119696	378.812	ug/l	99
46) Methyl methacrylate	7.75	41	314483	18.373	ug/l	99
47) n-amyl Acetate	10.88	43	532665	18.011	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	387219	18.326	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	405155	18.577	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	223705	18.509	ug/l	98
51) Ethyl methacrylate	9.16	69	376130	18.095	ug/l	100
52) 1,3-Dichloropropane	9.36	76	388304	18.601	ug/l	99
53) Dibromochloromethane	9.56	129	276925	18.587	ug/l	98
54) 1,2-Dibromoethane	9.65	107	239416	18.461	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	978424	99.661	ug/l	100
56) Bromoform	10.84	173	226392	18.480	ug/l #	95
58) 4-Methyl-2-Pentanone	8.62	43	1799370	94.994	ug/l	100
59) 2-Hexanone	9.47	43	1350809	93.739	ug/l	100
61) Tetrachloroethene	9.32	164	237520	18.671	ug/l	100
62) Toluene	8.76	91	930256	18.557	ug/l	100
64) Chlorobenzene	10.12	112	589603	18.293	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	242458	18.409	ug/l	98
66) Ethyl Benzene	10.24	91	1047109	18.284	ug/l	99
67) m/p-Xylenes	10.34	106	816581	37.673	ug/l	97
68) o-Xylene	10.68	106	386750	18.254	ug/l	99
69) Styrene	10.70	104	673048	18.234	ug/l	100
70) Isopropylbenzene	11.00	105	1046628	18.634	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	336914	18.508	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	410179	24.081	ug/l	83
73) Bromobenzene	11.24	156	275105	18.247	ug/l	98
74) n-propylbenzene	11.34	91	1215614	18.869	ug/l	99
75) 2-Chlorotoluene	11.40	91	713821	18.218	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	902422	18.710	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	132684	18.076	ug/l	95
78) 4-Chlorotoluene	11.49	91	848166	18.711	ug/l	100
79) tert-butylbenzene	11.76	119	887519	18.410	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	910256	18.629	ug/l	100
81) sec-Butylbenzene	11.93	105	1036074	18.736	ug/l	100
82) p-Isopropyltoluene	12.05	119	971542	18.640	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	494964	18.257	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	495947	18.331	ug/l	98
85) n-Butylbenzene	12.37	91	881254	18.970	ug/l	100
86) Hexachloroethane	12.58	117	184099	18.276	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	482782	18.253	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	87264	18.199	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	387102	18.168	ug/l	98
90) Hexachlorobutadiene	13.77	225	212661	18.947	ug/l	99
91) Naphthalene	13.82	128	1136329	18.418	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	374767	17.706	ug/l	97

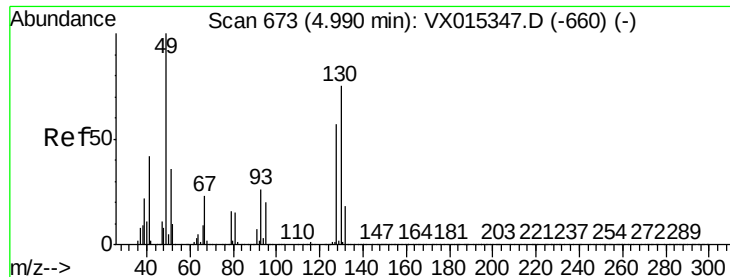
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

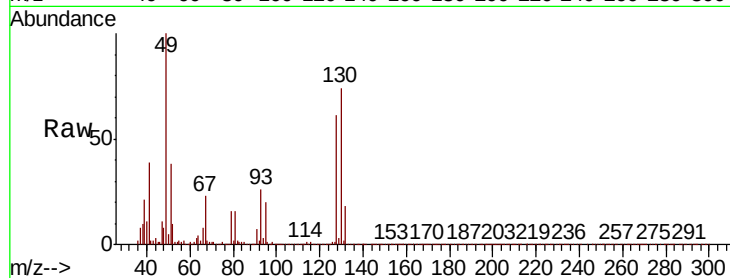
Delta R.T. -0.01 min

Lab File: VX015356.D

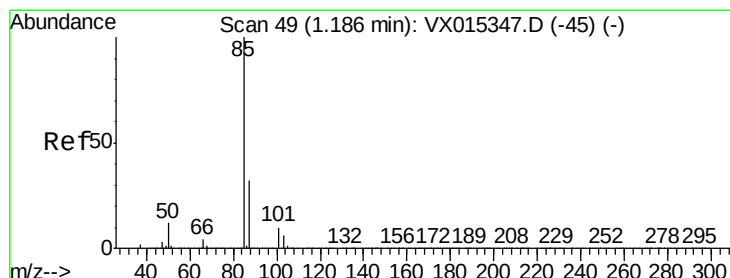
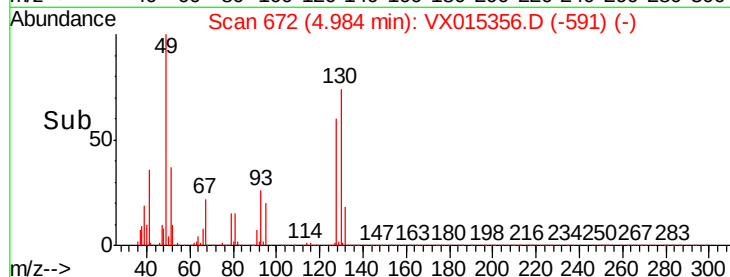
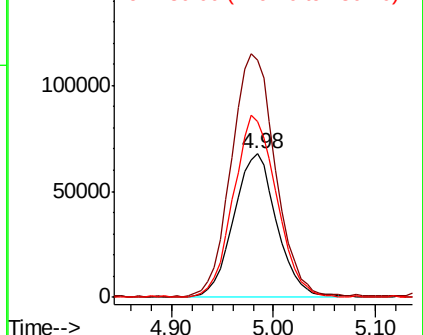
Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	128	Resp:	193956
Ion	Ratio	Lower	Upper
128	100		
49	175.8	0.0	428.0
130	130.4	0.0	324.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 16.783 ug/l

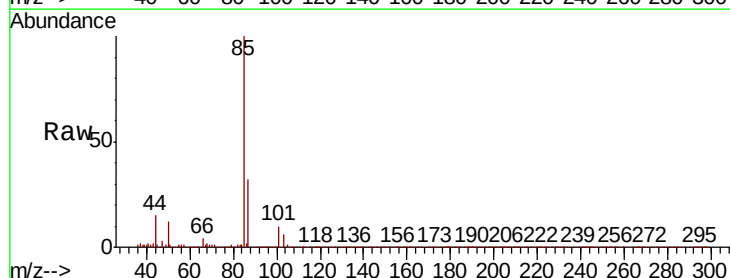
RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

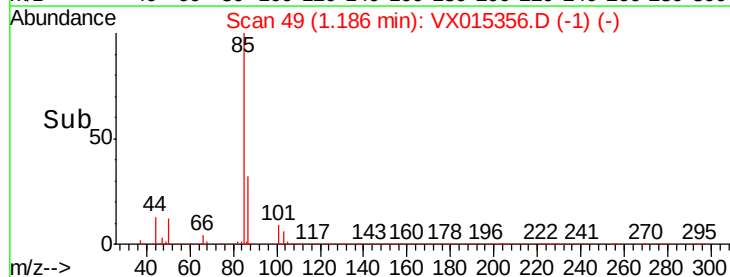
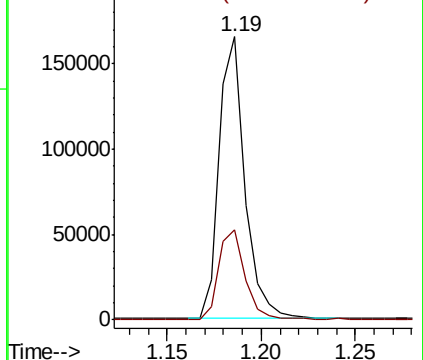
Lab File: VX015356.D

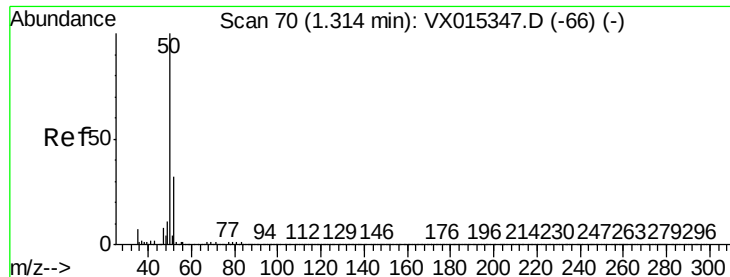
Acq: 26 Mar 2020 13:16

Tgt Ion:	85	Resp:	155450
Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.3	48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 16.699 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

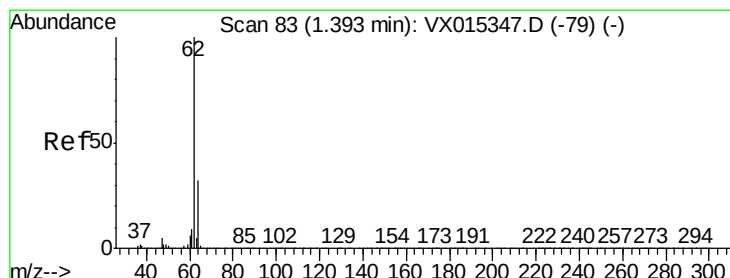
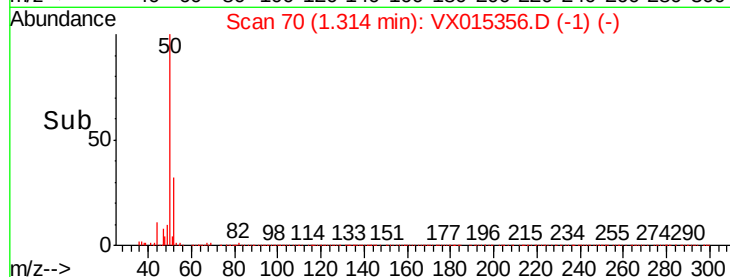
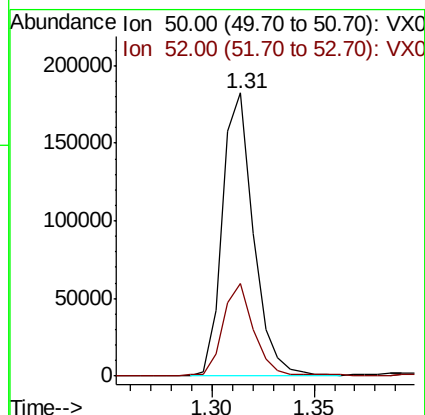
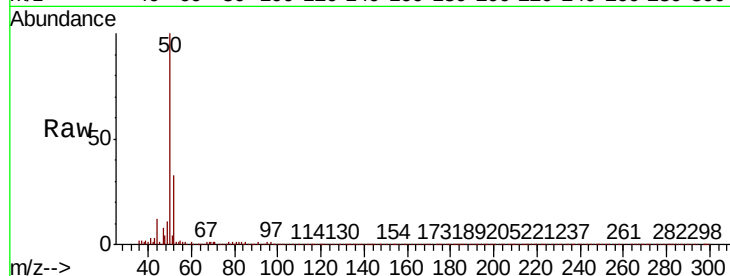
ClientSampleId :

Tot Ion: 50 Resp: 190886

Ion Ratio Lower Upper

50 100

52 32.2 25.5 38.3



#4

Vinyl Chloride

Concen: 17.465 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015356.D

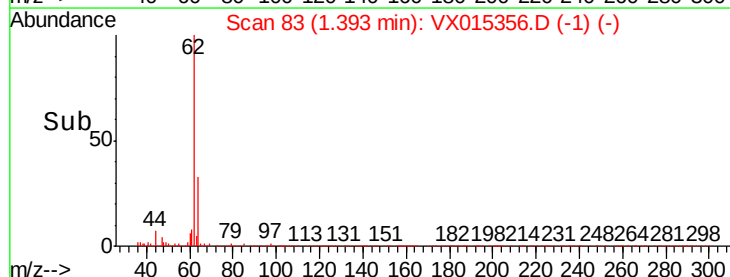
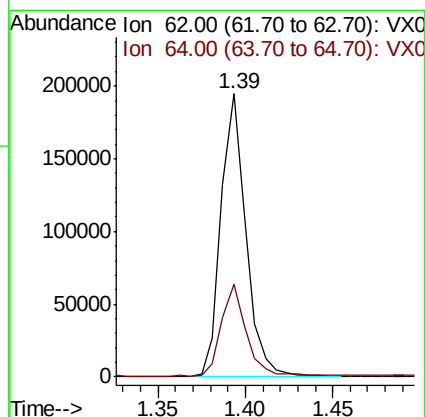
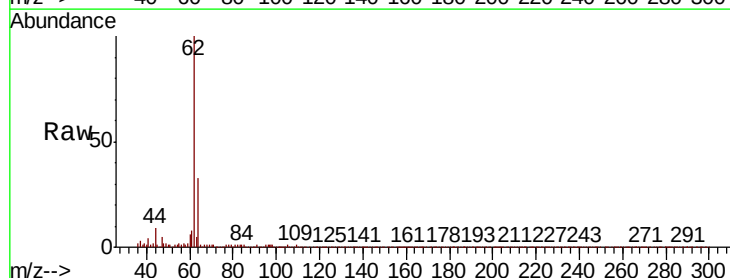
Acq: 26 Mar 2020 13:16

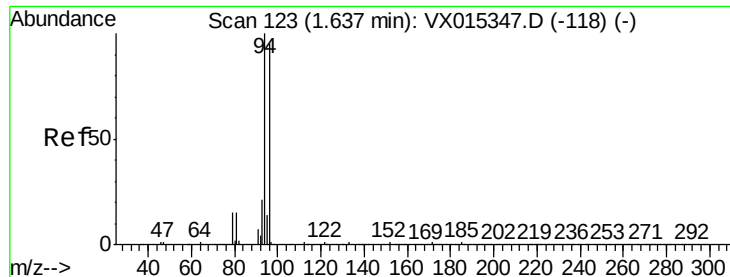
Tgt Ion: 62 Resp: 192062

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





#5

Bromomethane

Concen: 19.788 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

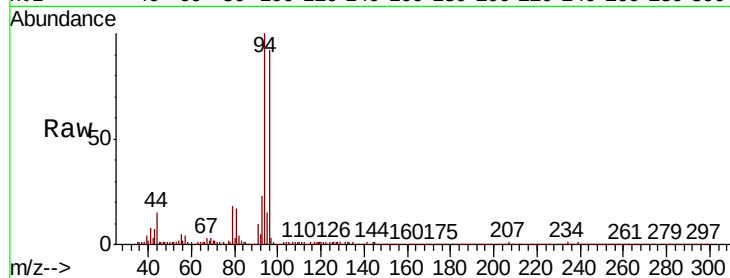
ClientSampleId :

Tot Ion: 94 Resp: 115841

Ion Ratio Lower Upper

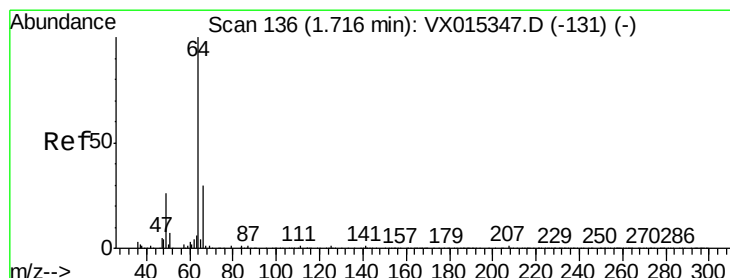
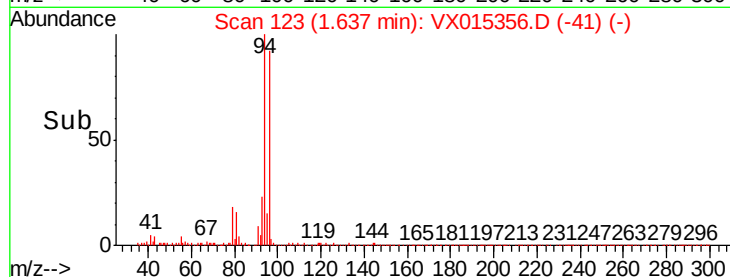
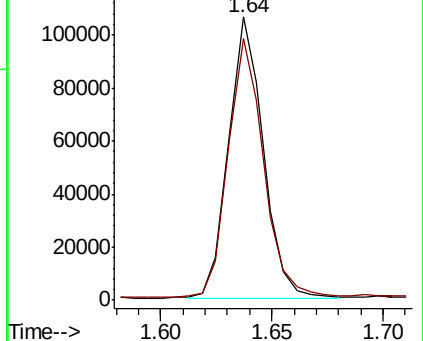
94 100

96 91.4 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.987 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015356.D

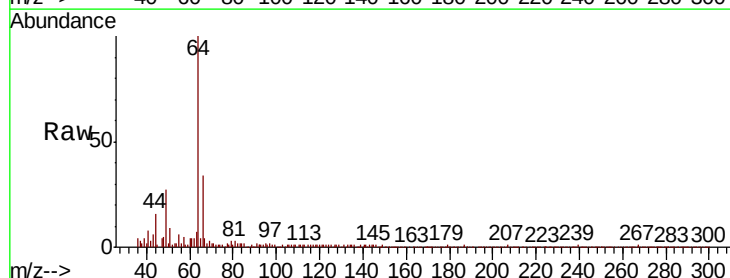
Acq: 26 Mar 2020 13:16

Tgt Ion: 64 Resp: 116545

Ion Ratio Lower Upper

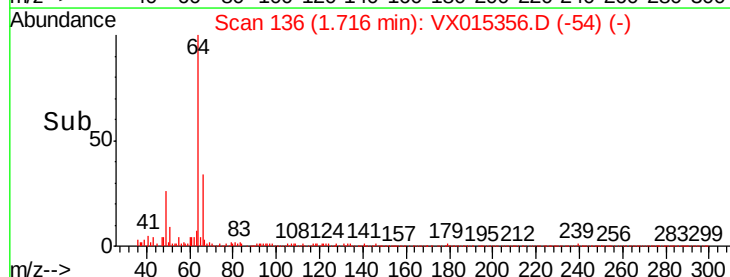
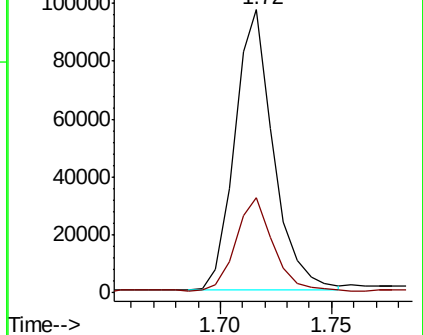
64 100

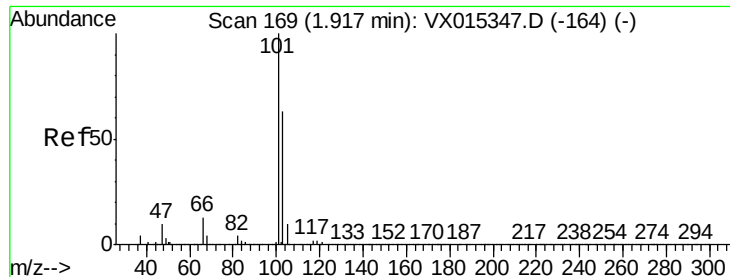
66 33.5 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



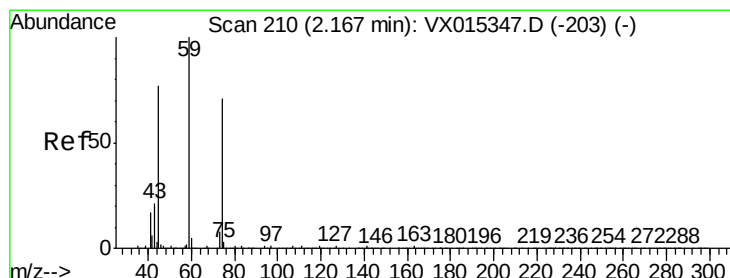
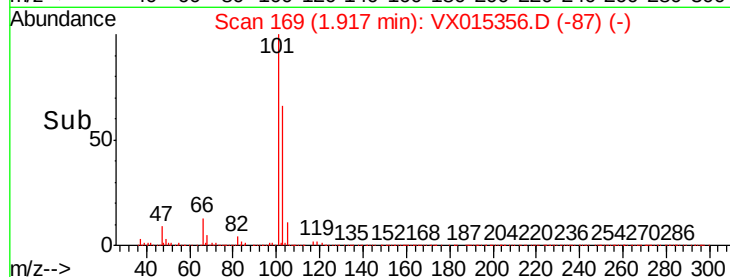
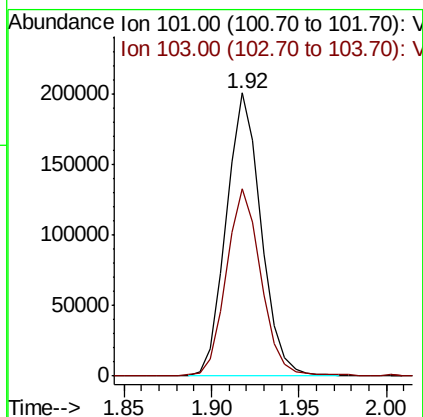
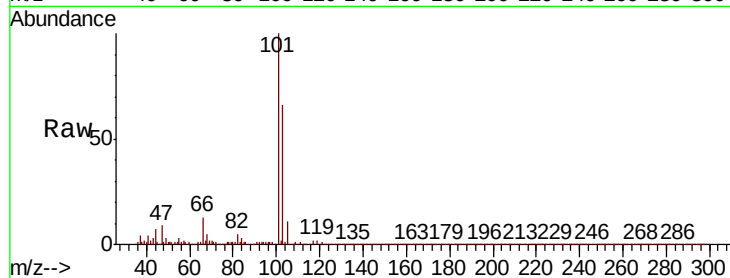


#7

Trichlorofluoromethane
Concen: 17.557 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015356.D
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Instrument :
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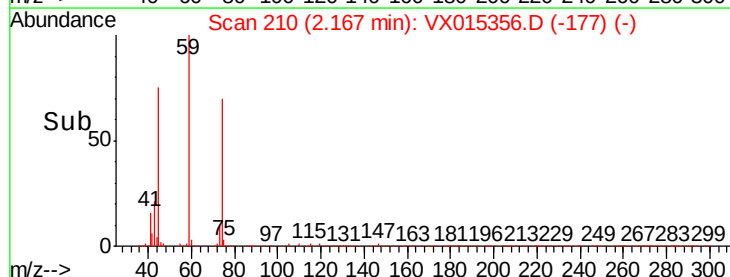
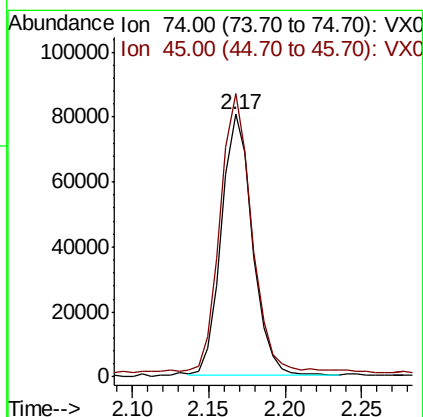
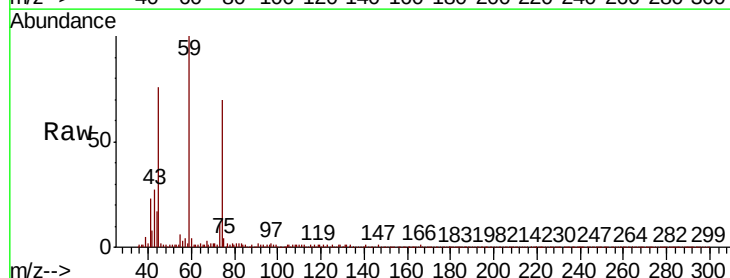
Tot Ion:101 Resp: 275922
Ion Ratio Lower Upper
101 100
103 65.7 49.9 74.9

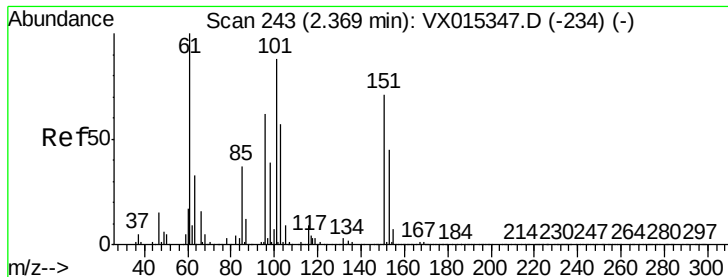


#8

Diethyl Ether
Concen: 18.872 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 74 Resp: 114110
Ion Ratio Lower Upper
74 100
45 107.7 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.278 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

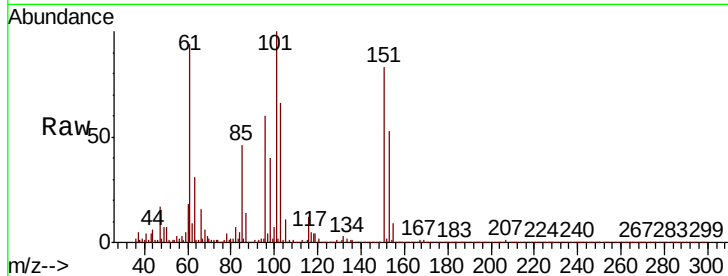
Tot Ion: 101 Resp: 190045

Ion Ratio Lower Upper

101 100

85 44.2 0.0 85.8

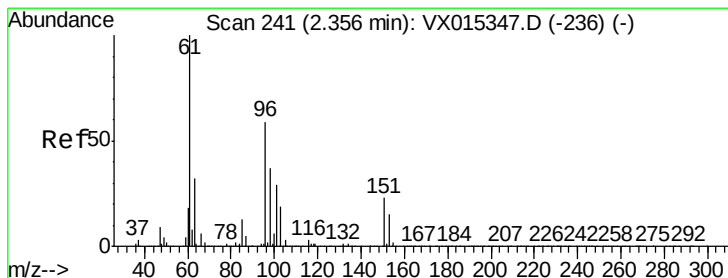
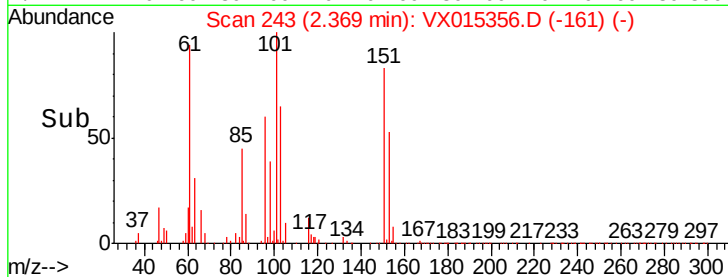
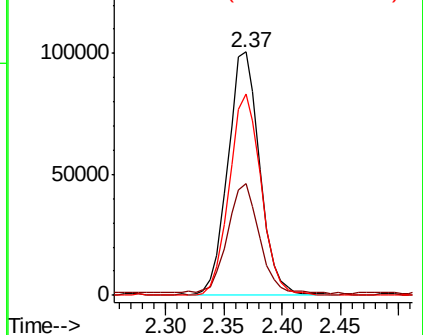
151 83.1 0.0 164.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.802 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

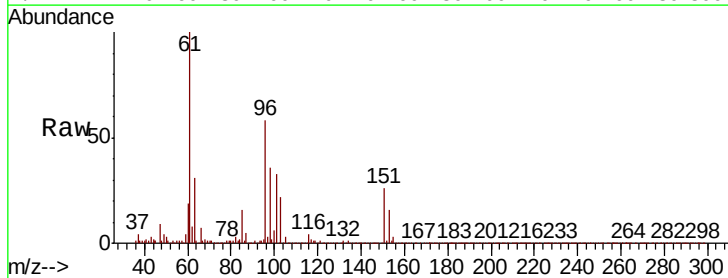
Tgt Ion: 96 Resp: 188010

Ion Ratio Lower Upper

96 100

61 171.8 135.5 203.3

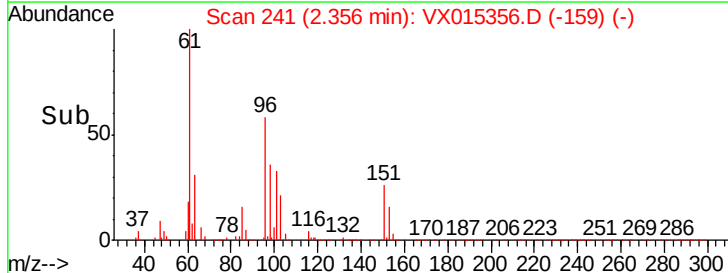
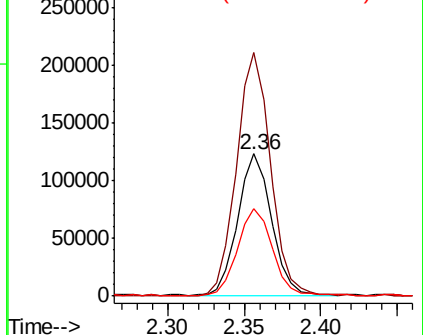
98 61.6 50.2 75.2

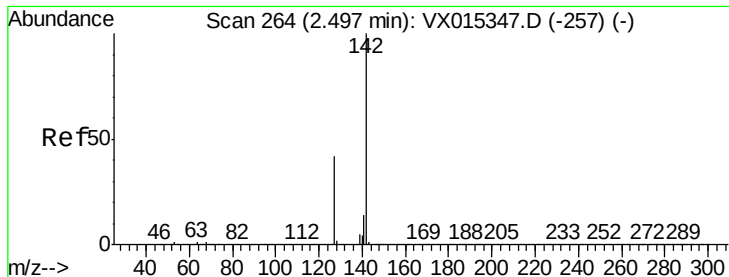


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

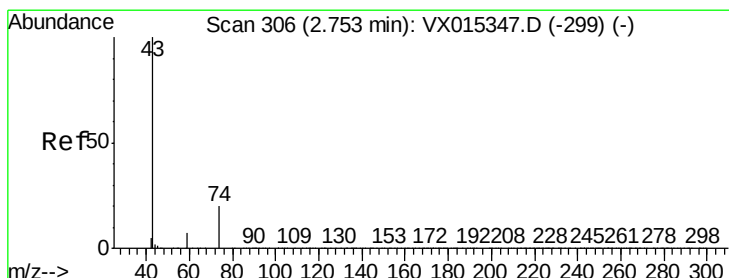
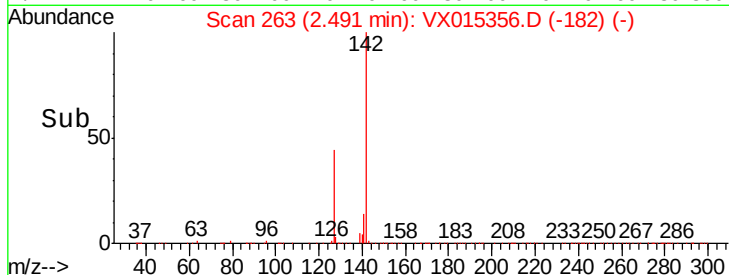
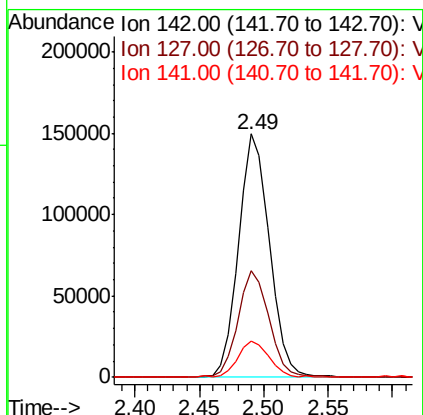
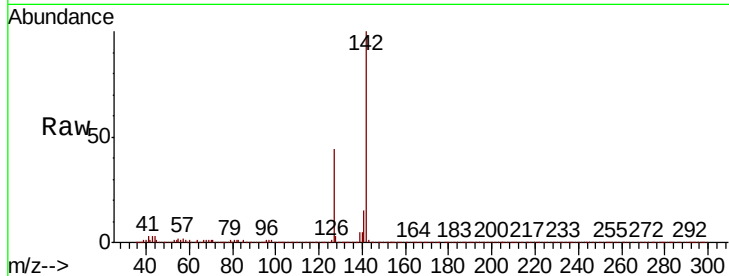




#11
Methvl Iodide
Concen: 17.587 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

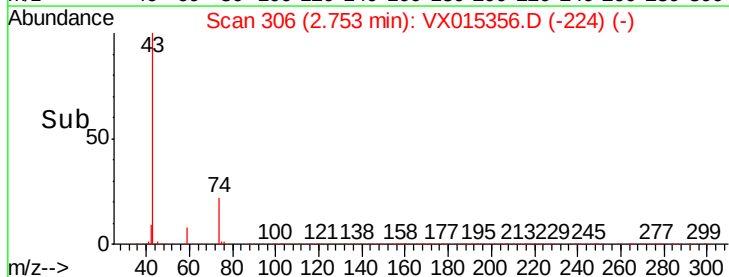
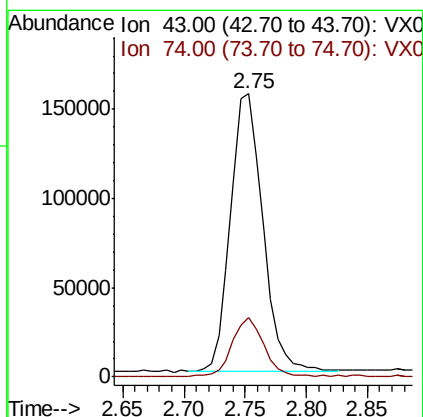
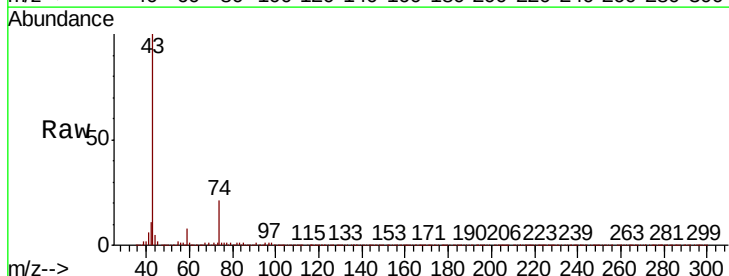
Instrument :
MSVOA_X
ClientSampleId :

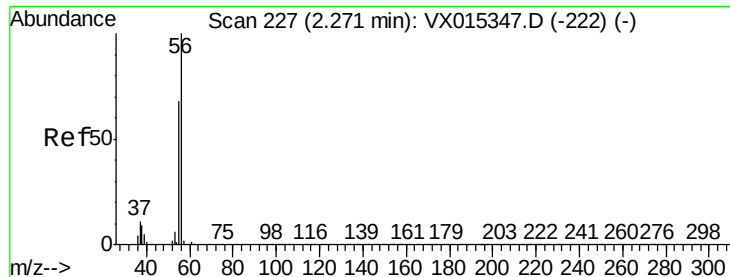
Tot Ion:142 Resp: 246823
Ion Ratio Lower Upper
142 100
127 43.9 21.0 63.0
141 14.3 6.9 20.7



#12
Methyl Acetate
Concen: 18.459 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 43 Resp: 285258
Ion Ratio Lower Upper
43 100
74 21.1 15.8 23.6

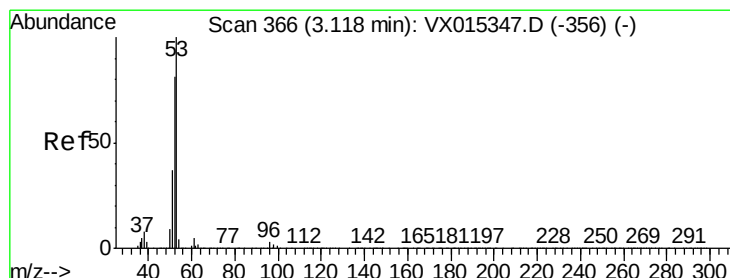
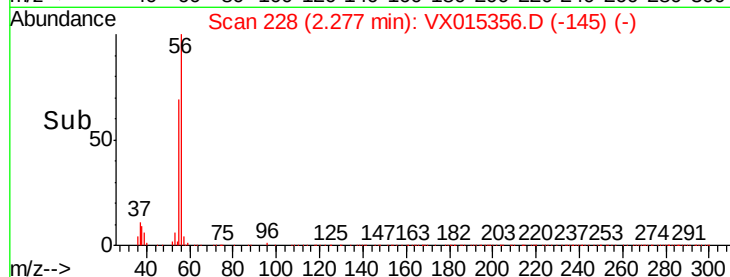
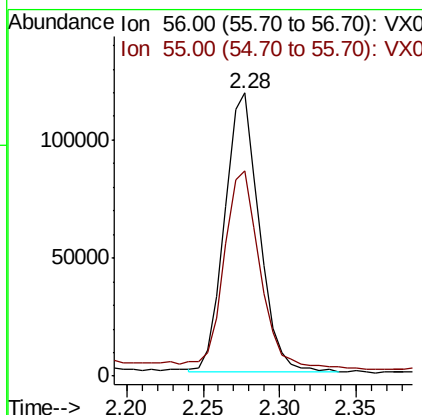
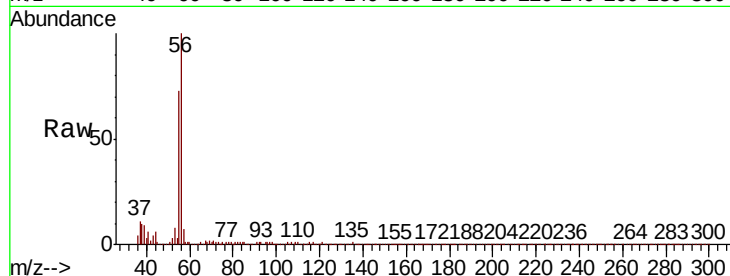




#13
Acrolein
Concen: 91.306 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

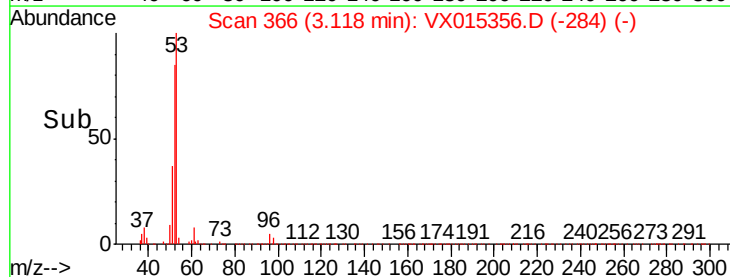
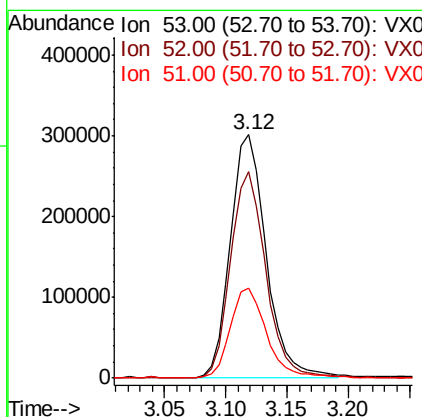
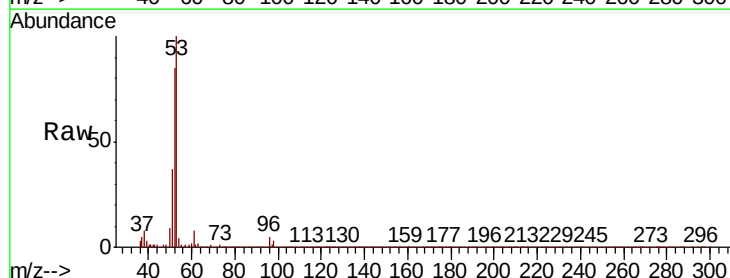
Instrument :
MSVOA_X
ClientSampleId :

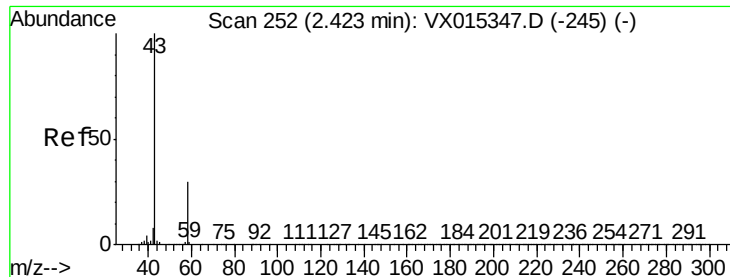
Tot Ion: 56 Resp: 183557
Ion Ratio Lower Upper
56 100
55 69.1 53.5 80.3



#14
Acrylonitrile
Concen: 91.850 ug/l
RT: 3.12 min Scan# 366
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 53 Resp: 607677
Ion Ratio Lower Upper
53 100
52 83.7 41.0 123.2
51 37.3 18.4 55.4





#15

Acetone

Concen: 96.505 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

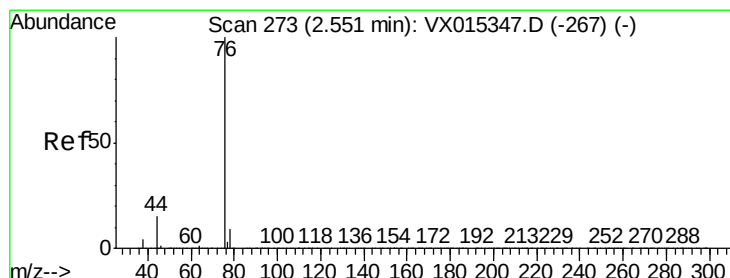
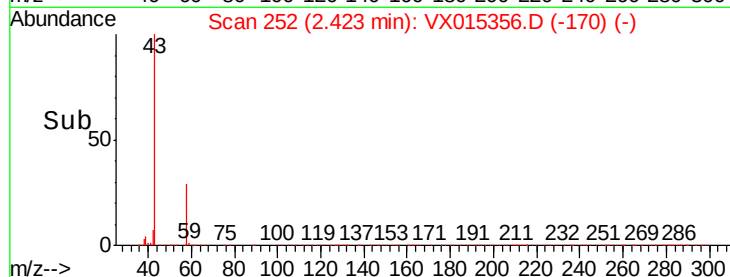
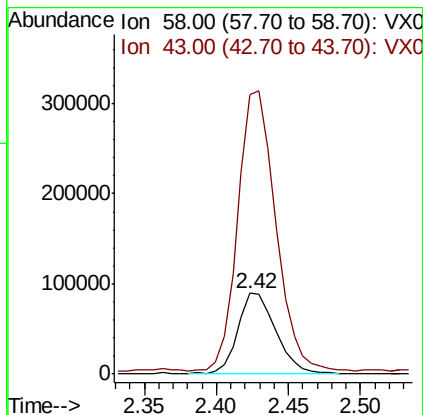
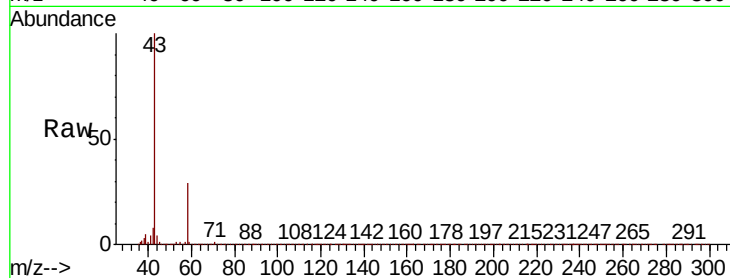
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 162351

Ion Ratio Lower Upper

58 100

43 344.5 267.8 401.8



#16

Carbon Disulfide

Concen: 17.824 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015356.D

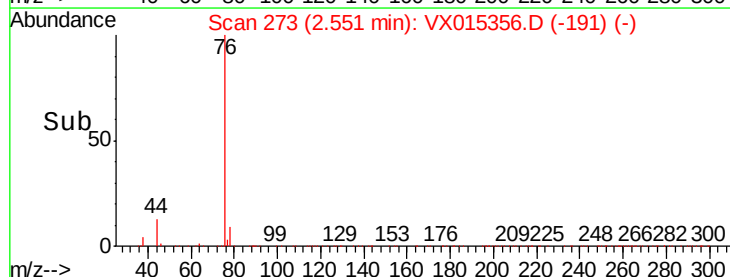
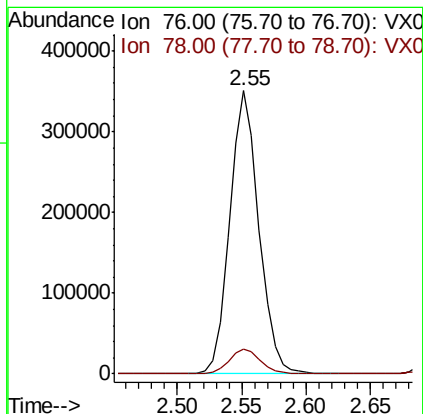
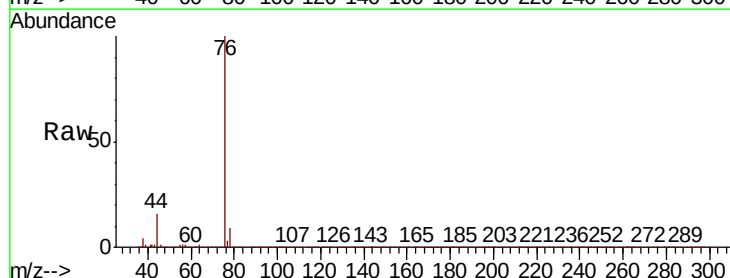
Acq: 26 Mar 2020 13:16

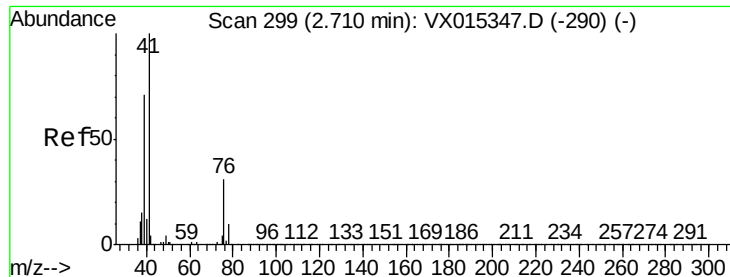
Tgt Ion: 76 Resp: 550278

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

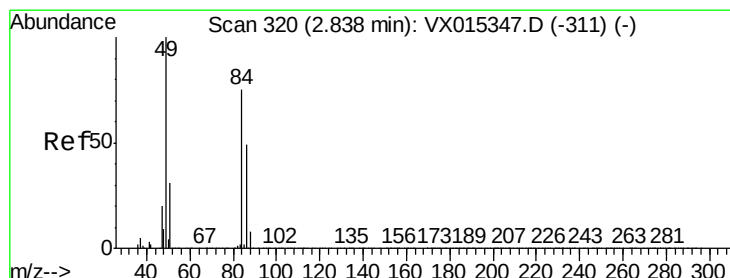
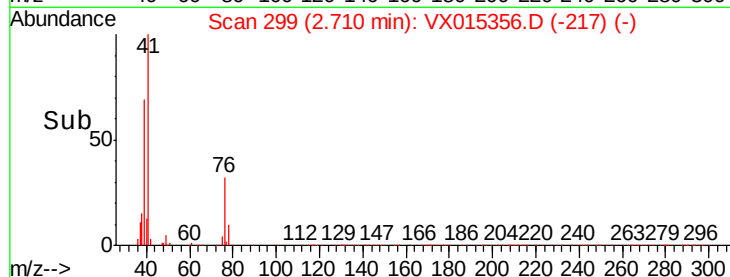
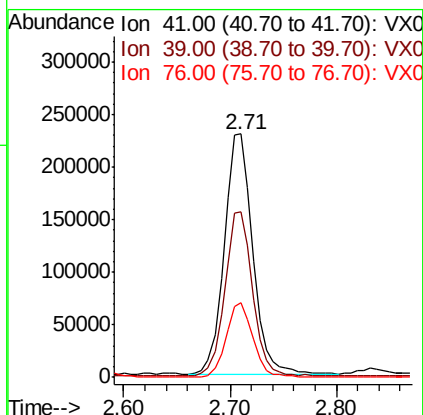
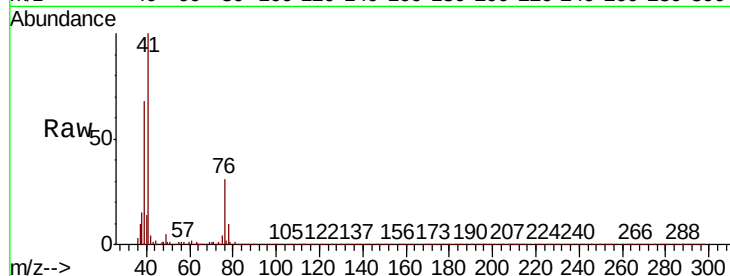




#17
Allvl chloride
Concen: 17.894 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

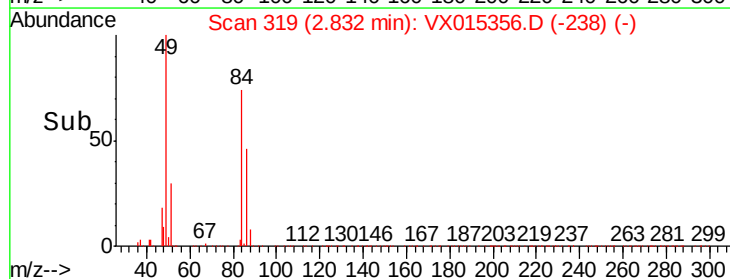
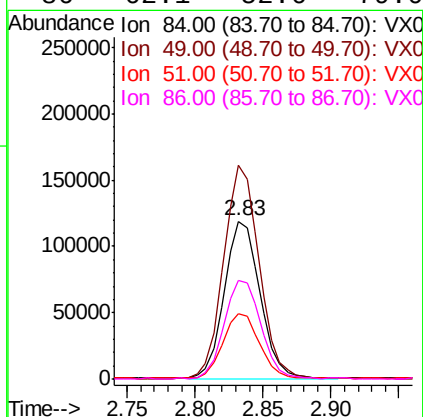
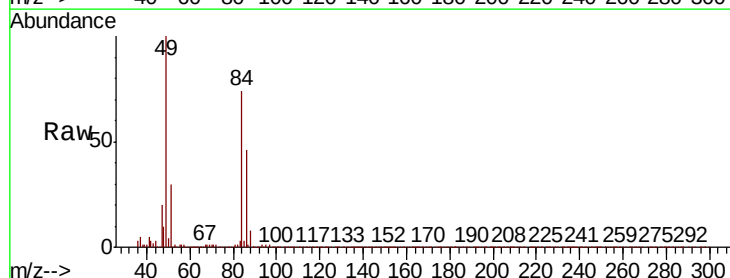
Instrument :
MSVOA_X
ClientSampleId :

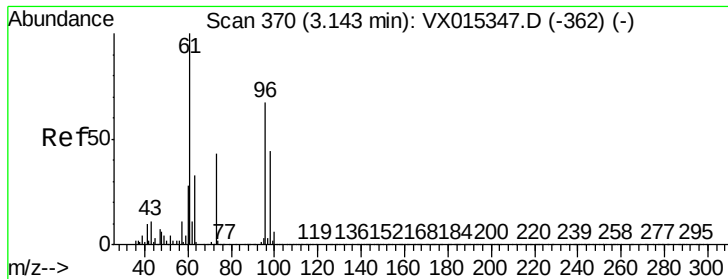
Tot Ion: 41 Resp: 426668
Ion Ratio Lower Upper
41 100
39 68.4 35.6 106.8
76 31.3 15.4 46.4



#18
Methylene Chloride
Concen: 18.405 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 84 Resp: 218236
Ion Ratio Lower Upper
84 100
49 135.5 107.0 160.4
51 40.5 33.4 50.0
86 62.1 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 18.058 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

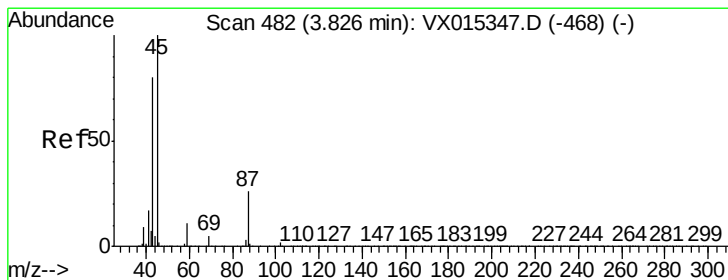
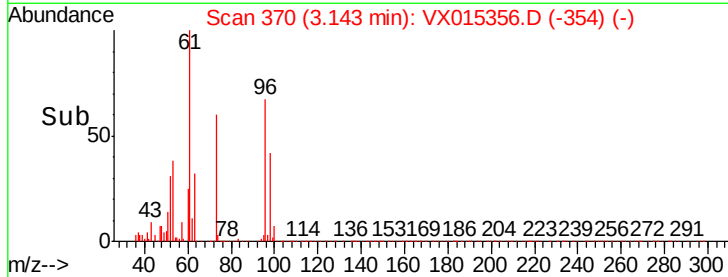
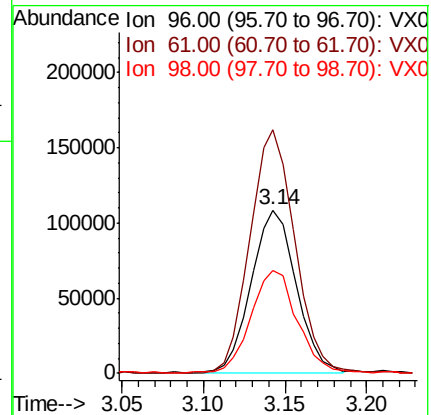
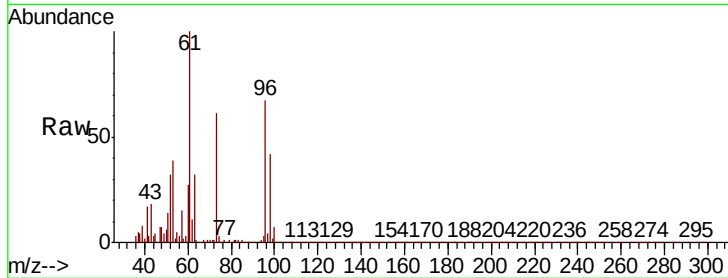
Tot Ion: 96 Resp: 206304

Ion Ratio Lower Upper

96 100

61 149.7 118.2 177.2

98 62.1 51.9 77.9



#20

Diisopropyl ether

Concen: 18.539 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Tgt Ion: 45 Resp: 792839

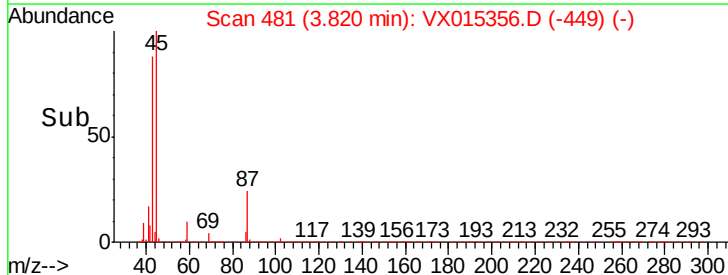
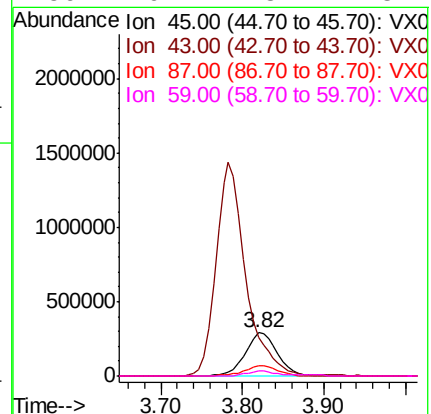
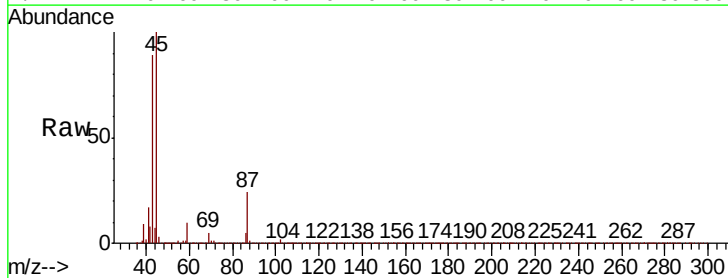
Ion Ratio Lower Upper

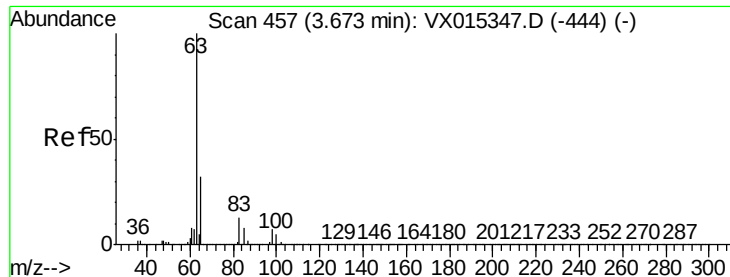
45 100

43 87.4 64.4 96.6

87 24.3 20.4 30.6

59 10.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.005 ug/l

RT: 3.67 min Scan# 457

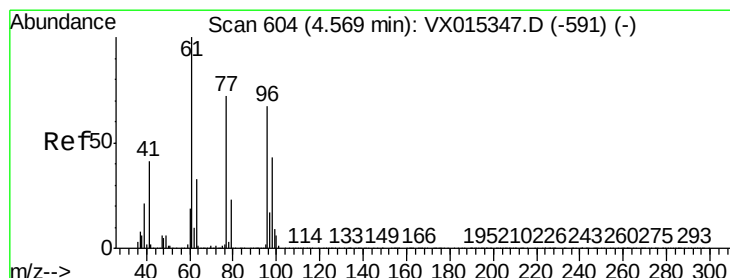
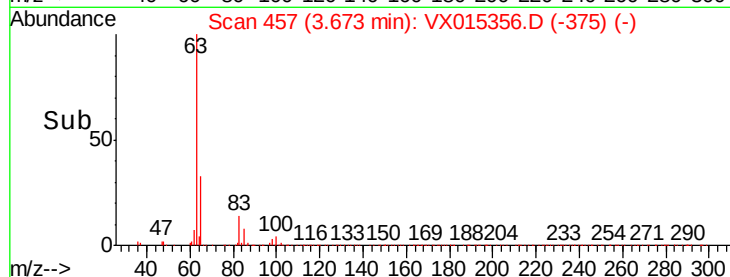
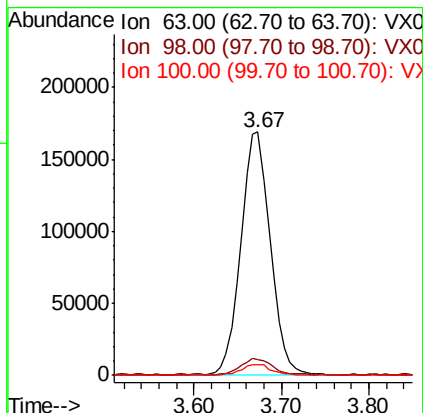
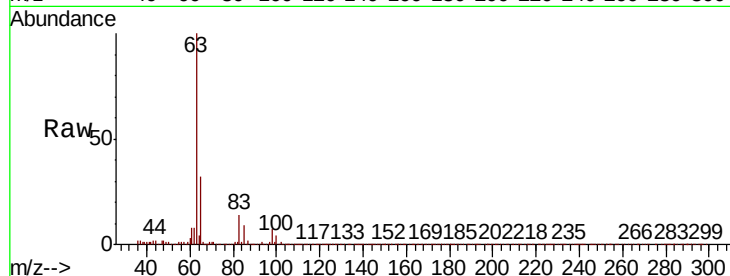
Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	393037
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.3	9.9
100	4.2	2.3	6.8



#22

cis-1,2-Dichloroethene

Concen: 17.961 ug/l

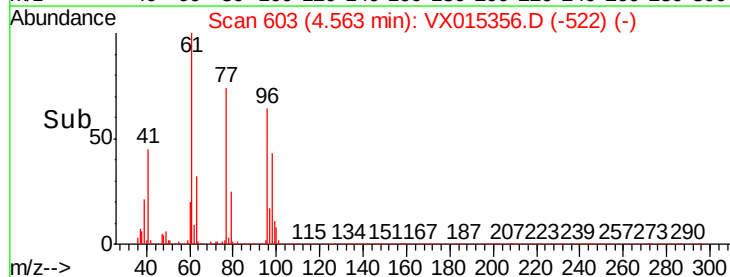
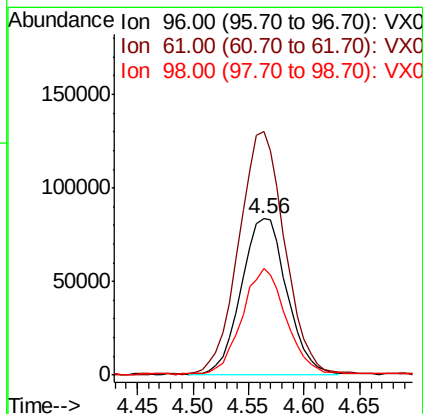
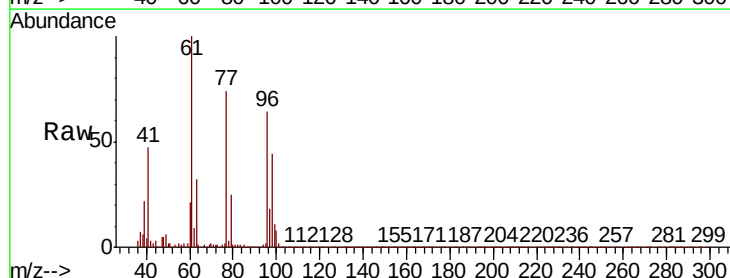
RT: 4.56 min Scan# 603

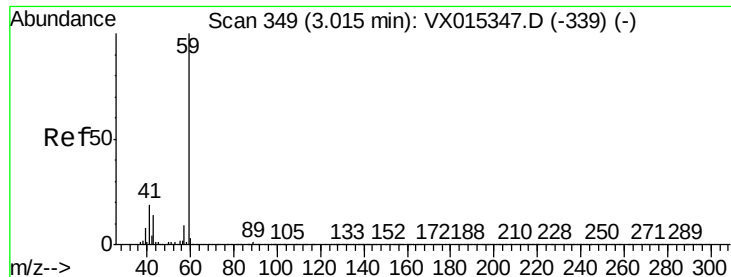
Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Tgt Ion:	96	Resp:	236387
Ion	Ratio	Lower	Upper
96	100		
61	157.7	127.2	190.8
98	65.6	51.8	77.6

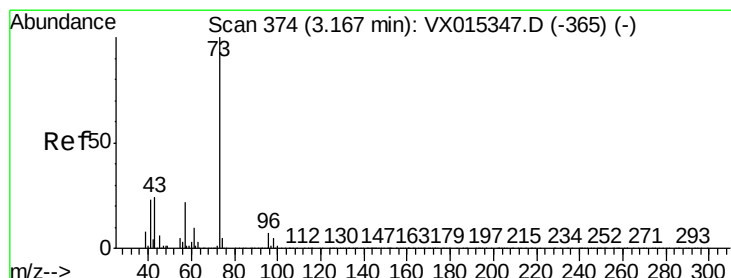
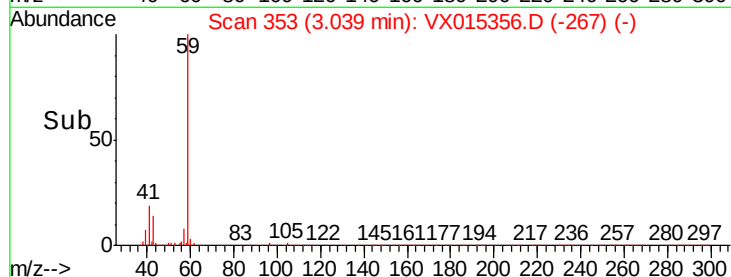
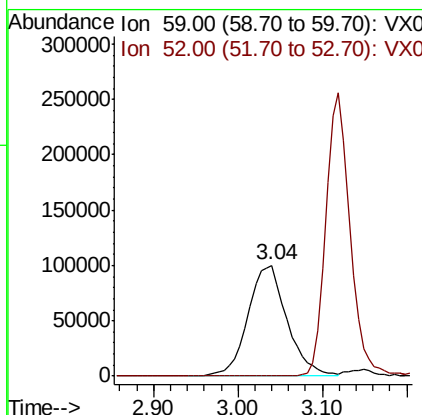
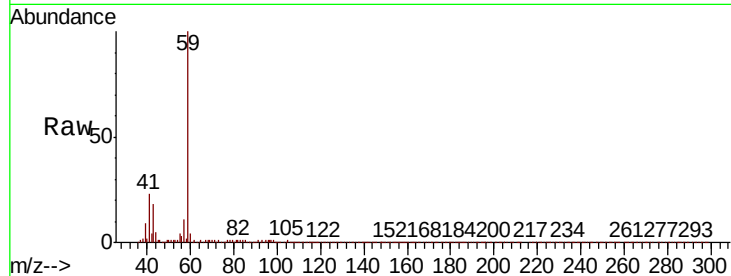




#23
tert-Butyl Alcohol
Concen: 96.672 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.02 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

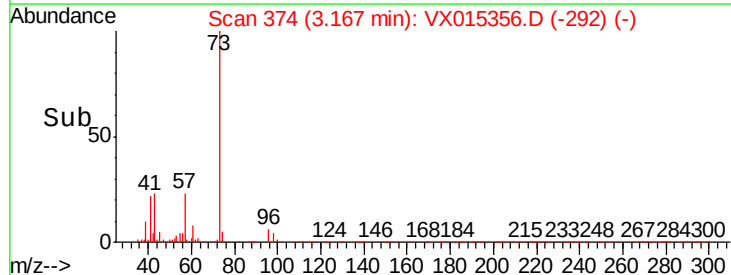
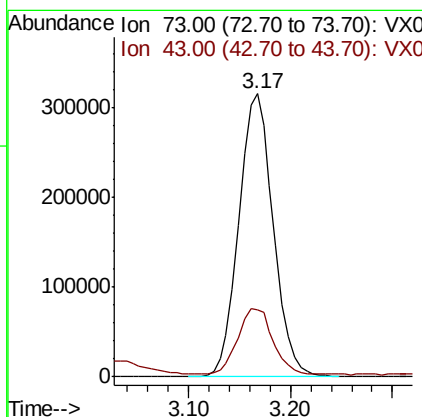
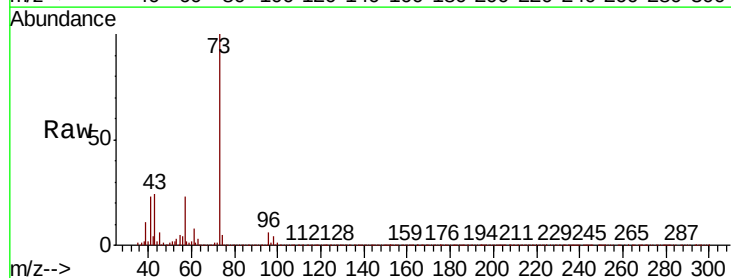
Instrument :
MSVOA_X
ClientSampled :

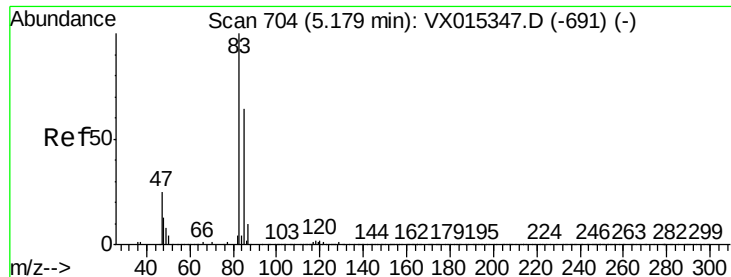
Tot Ion: 59 Resp: 314594
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 18.762 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 73 Resp: 735673
Ion Ratio Lower Upper
73 100
43 23.8 19.2 28.8

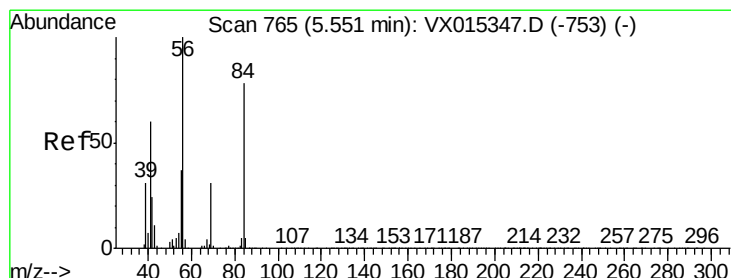
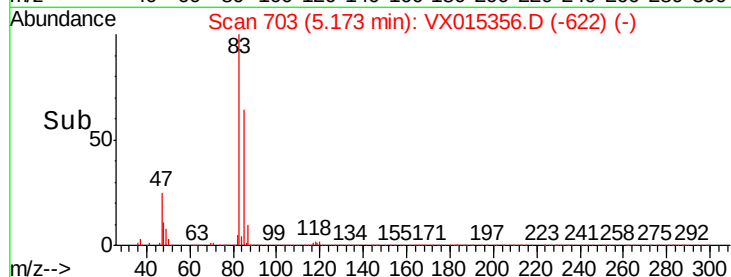
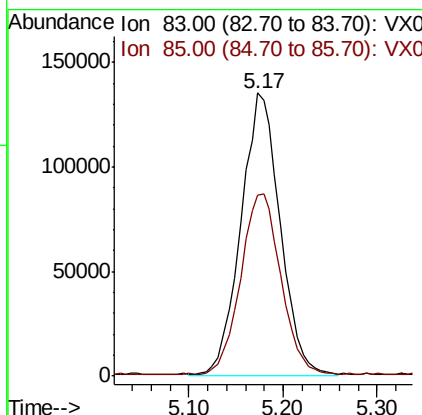
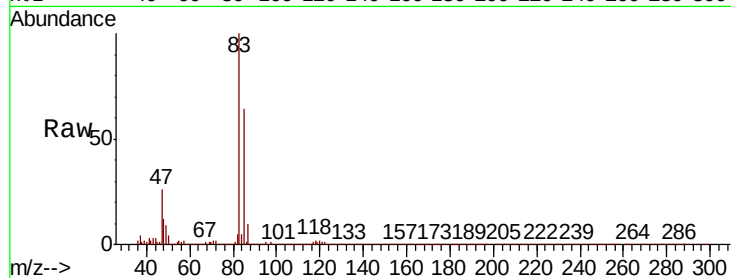




#25
Chloroform
Concen: 18.172 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

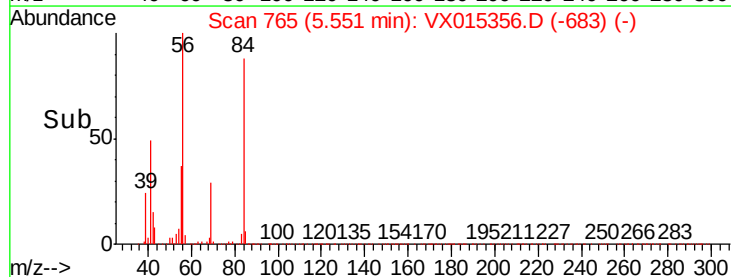
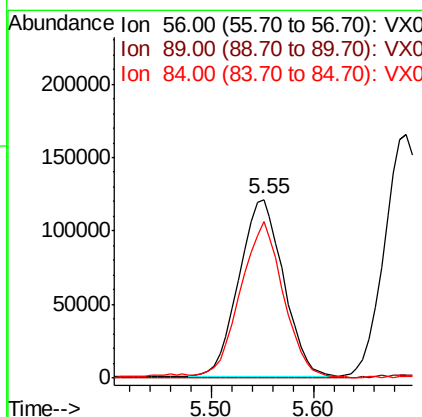
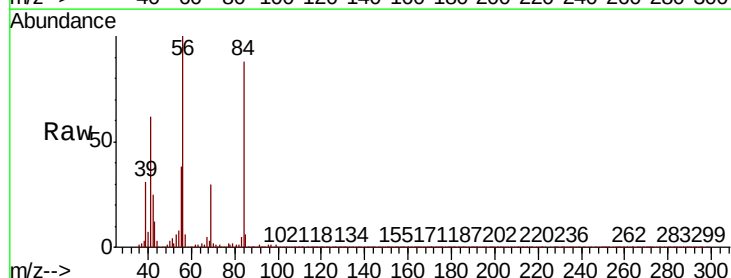
Instrument :
MSVOA_X
ClientSampleId :

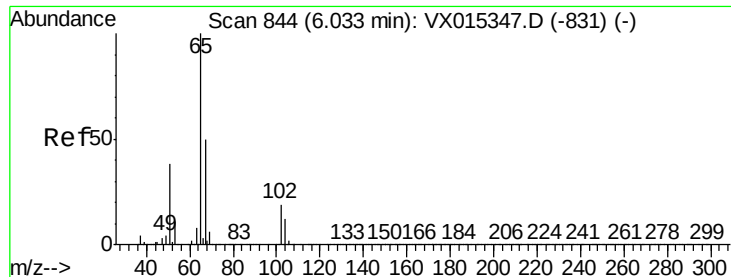
Tot Ion: 83 Resp: 392108
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7



#26
Cyclohexane
Concen: 17.590 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 56 Resp: 366889
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 83.9 66.1 99.1

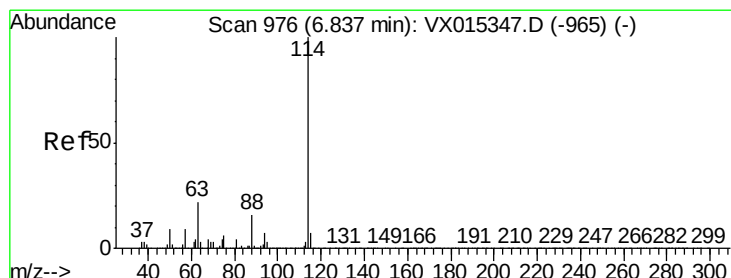
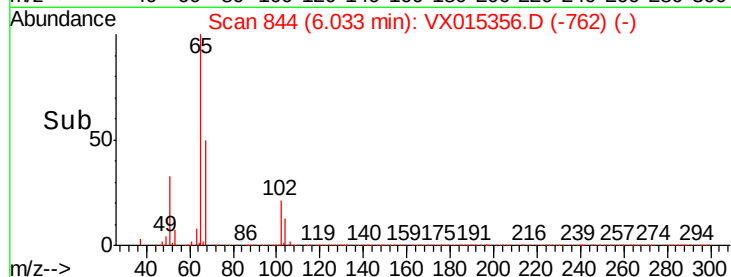
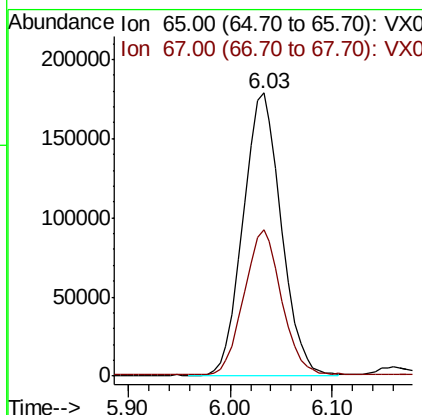
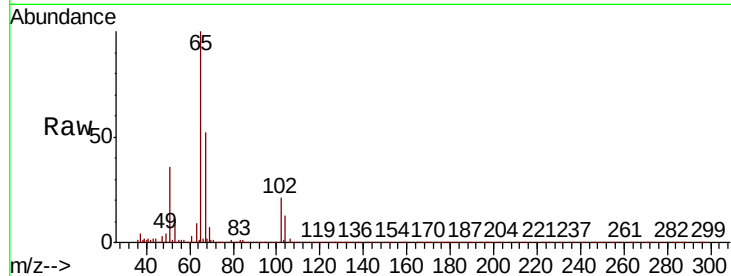




#27
 1,2-Dichloroethane-d4
 Concen: 30.591 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

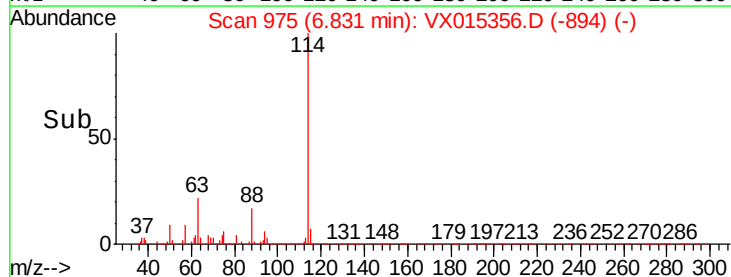
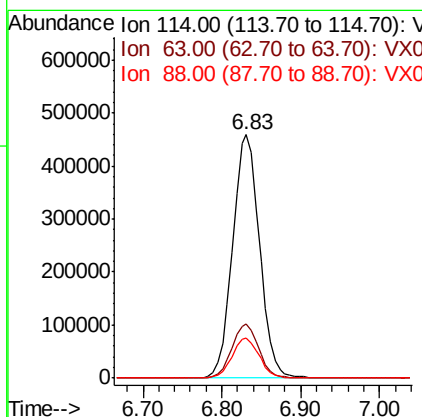
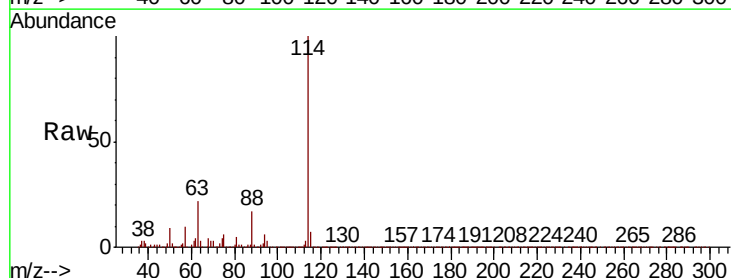
Instrument :
 MSVOA_X
 ClientSampleId :

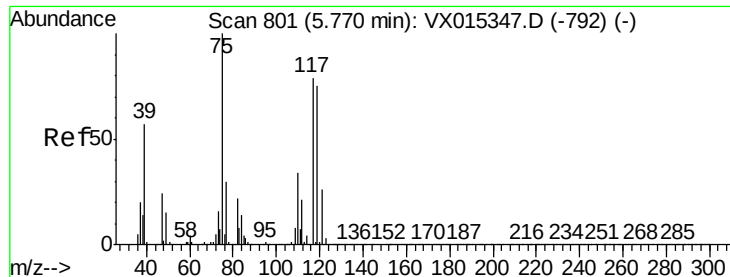
Tot Ion: 65 Resp: 463639
 Ion Ratio Lower Upper
 65 100
 67 50.5 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

Tgt Ion: 114 Resp: 1087894
 Ion Ratio Lower Upper
 114 100
 63 22.0 17.4 26.2
 88 16.4 12.9 19.3

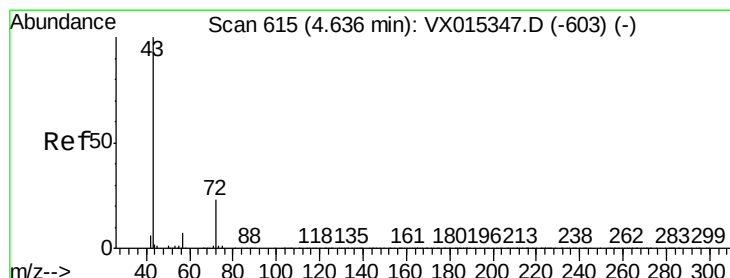
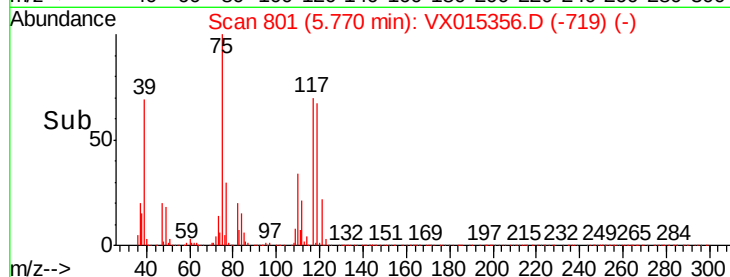
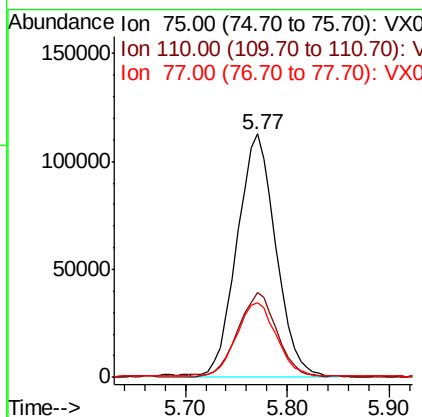
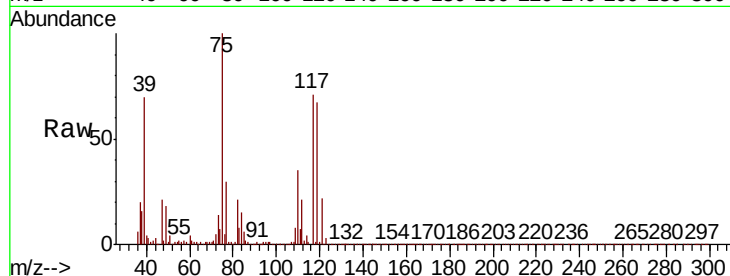




#29
 1,1-Dichloropropene
 Concen: 18.095 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

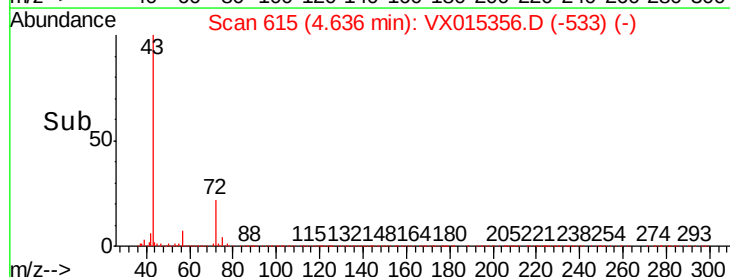
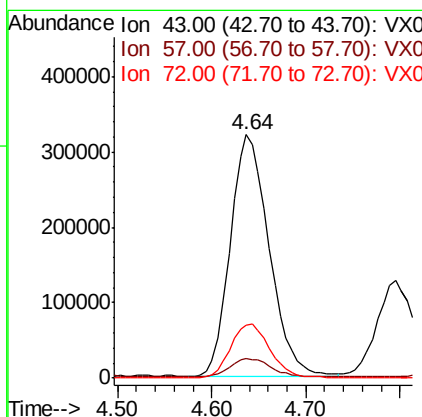
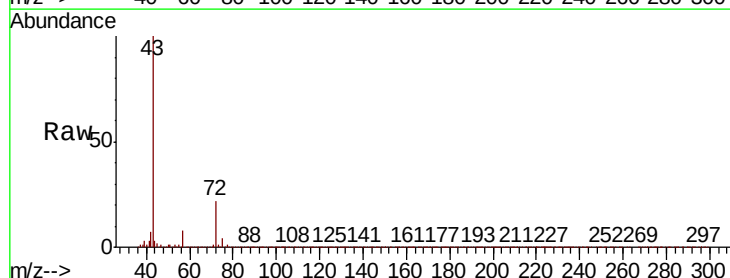
Instrument :
 MSVOA_X
 ClientSampled :

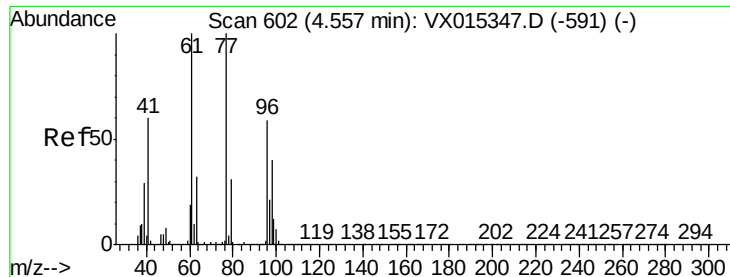
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	71.2
77	31.0	0.0	62.2



#30
 2-Butanone
 Concen: 93.707 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	5.9	8.9
72	22.1	18.6	27.8

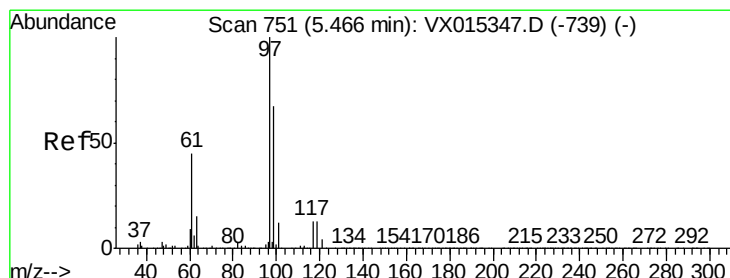
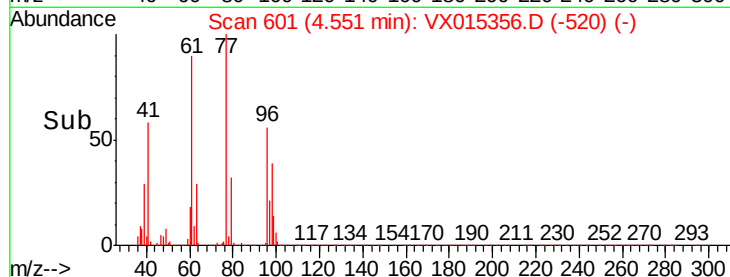
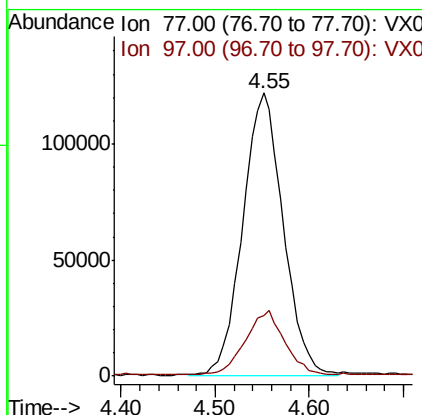
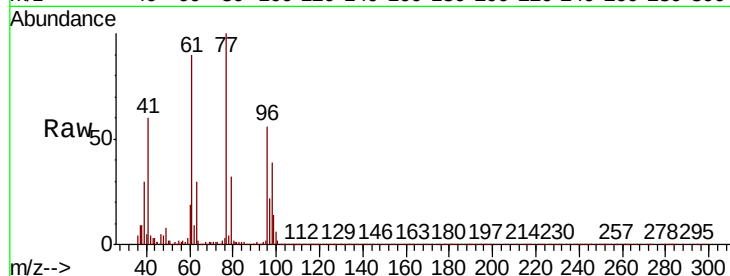




#31
 2,2-Dichloropropane
 Concen: 18.538 ug/l
 RT: 4.55 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

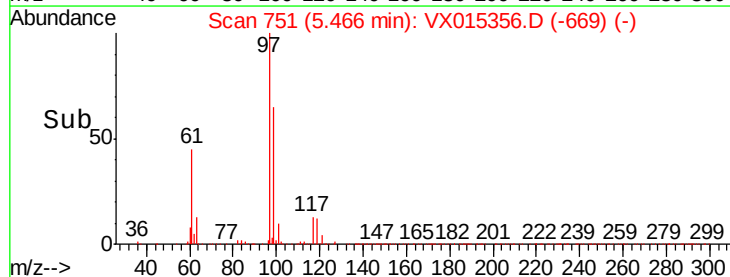
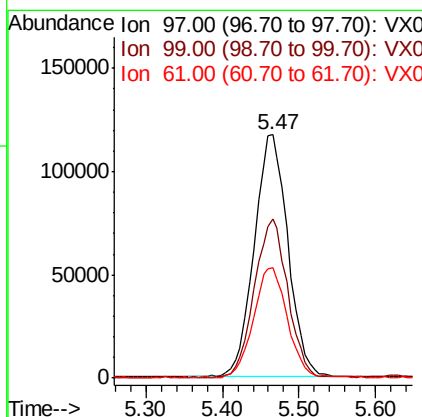
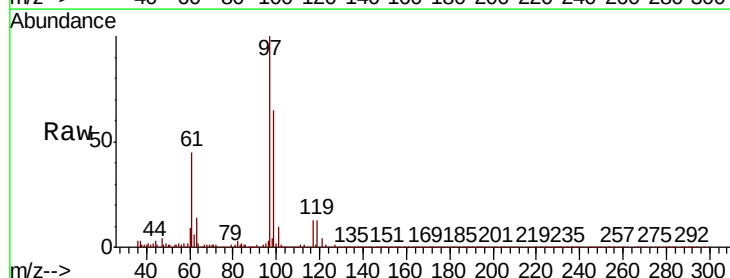
Instrument :
 MSVOA_X
 ClientSampleId :

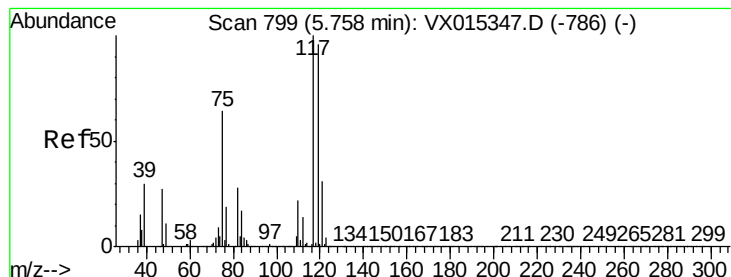
Tot Ion: 77 Resp: 364610
 Ion Ratio Lower Upper
 77 100
 97 22.1 17.8 26.8



#32
 1,1,1-Trichloroethane
 Concen: 18.058 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

Tgt Ion: 97 Resp: 360112
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.4
 61 45.4 35.8 53.8





#33

Carbon Tetrachloride

Concen: 18.082 ug/l

RT: 5.75 min Scan# 798

Delta R.T. -0.01 min

Lab File: VX015356.D

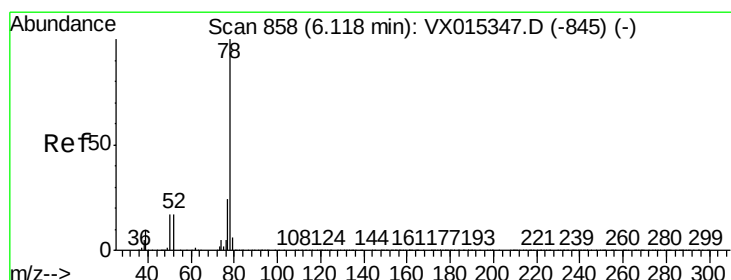
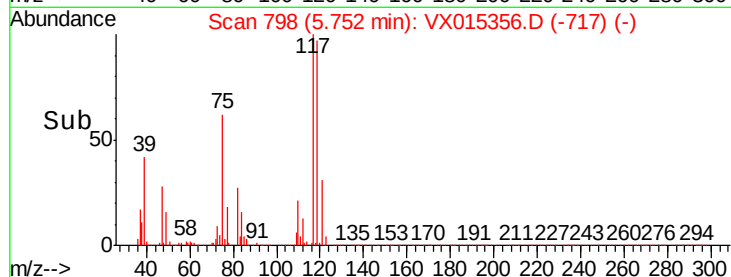
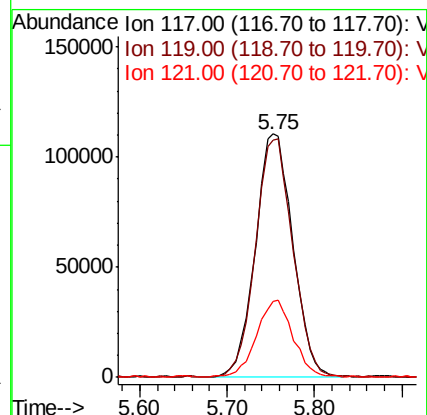
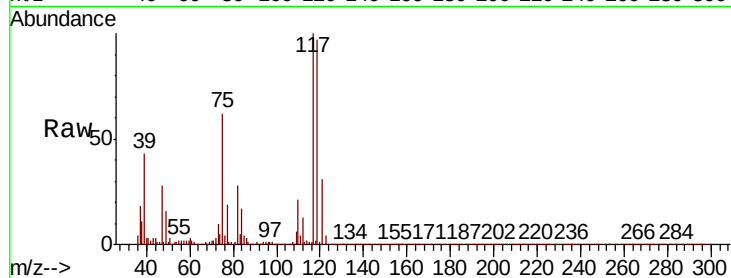
Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	117	Resp:	328607
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	114.8
121	31.1	25.0	37.4



#34

Benzene

Concen: 18.272 ug/l

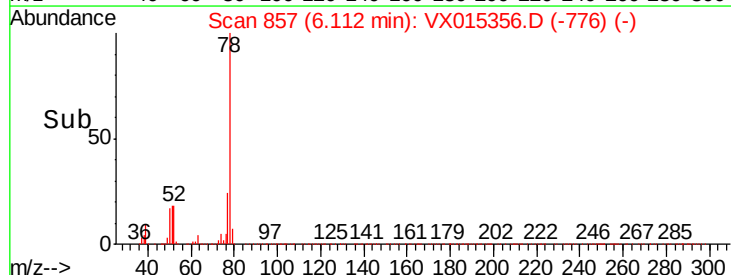
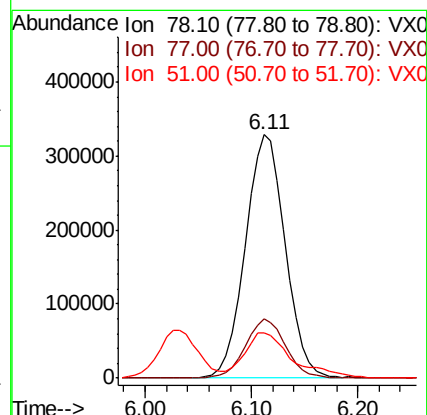
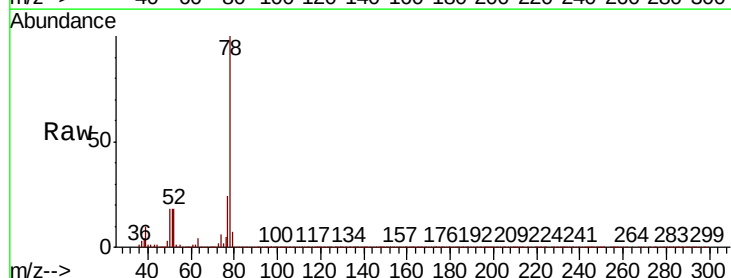
RT: 6.11 min Scan# 857

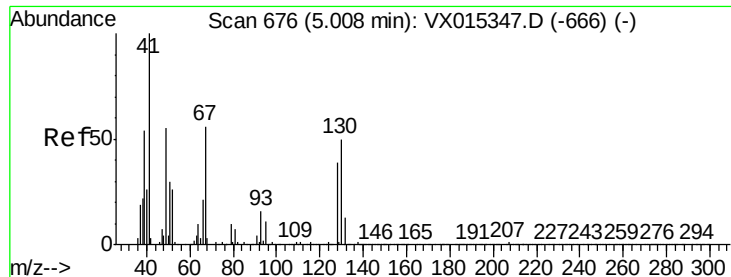
Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Tgt Ion:	78	Resp:	860745
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.2
51	16.7	14.6	21.8

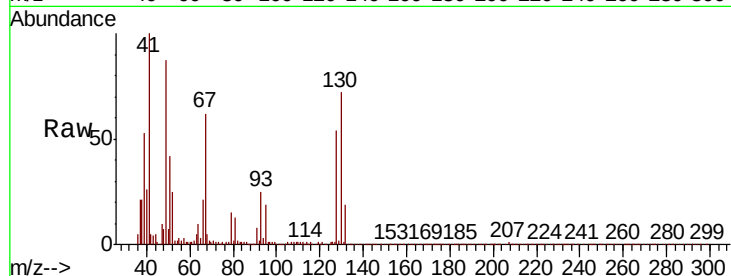




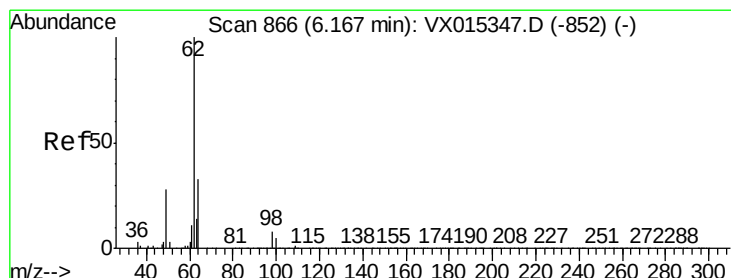
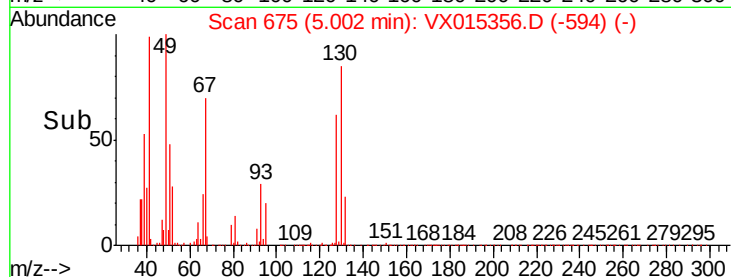
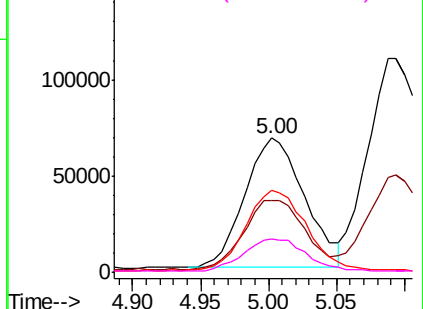
#35
Methacrylonitrile
Concen: 18.538 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	205976
Ion	Ratio	Lower	Upper
41	100		
39	53.1	27.0	81.0
67	61.3	28.2	84.6
52	24.7	12.8	38.3

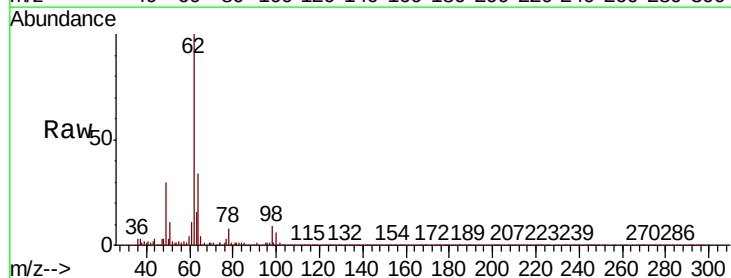


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

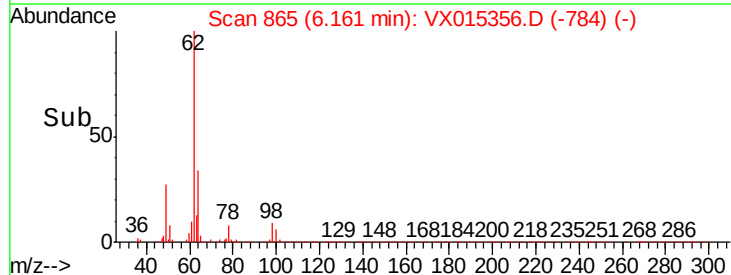
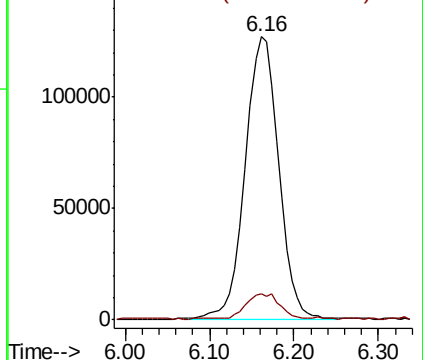


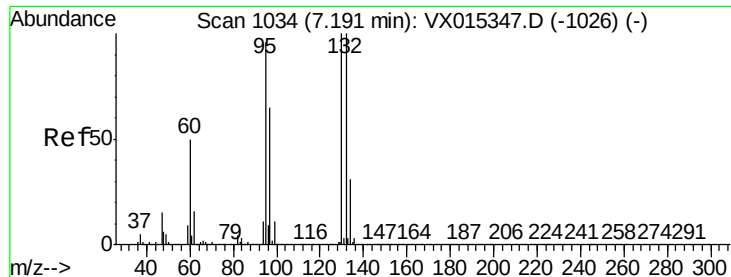
#36
1,2-Dichloroethane
Concen: 18.780 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion:	62	Resp:	341842
Ion	Ratio	Lower	Upper
62	100		
98	5.6	6.9	10.3#



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

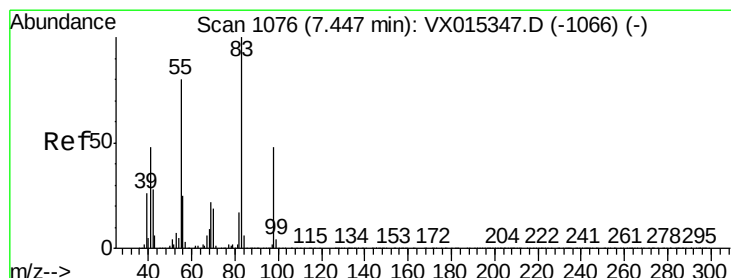
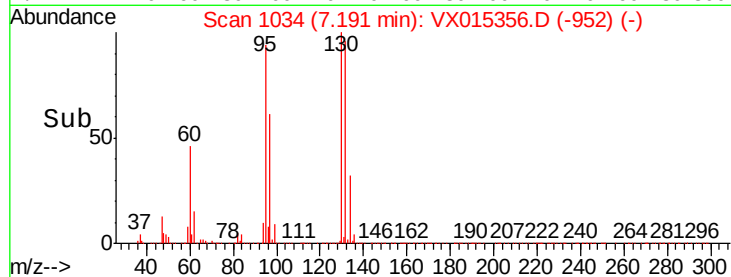
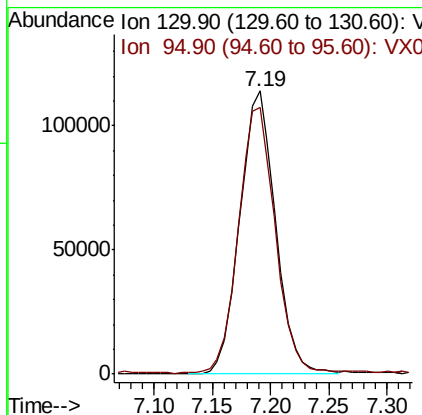
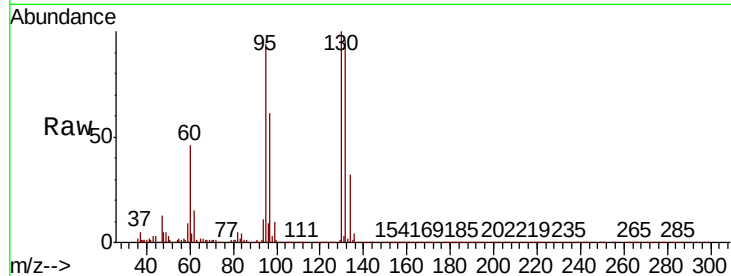




#37
 Trichloroethene
 Concen: 18.270 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

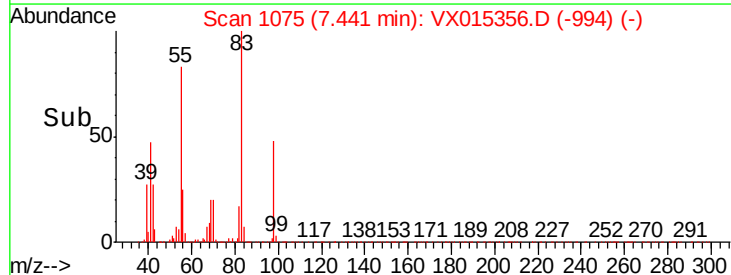
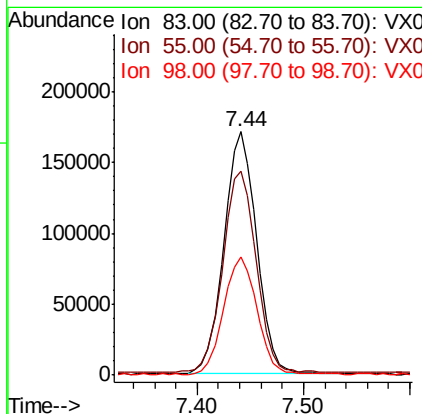
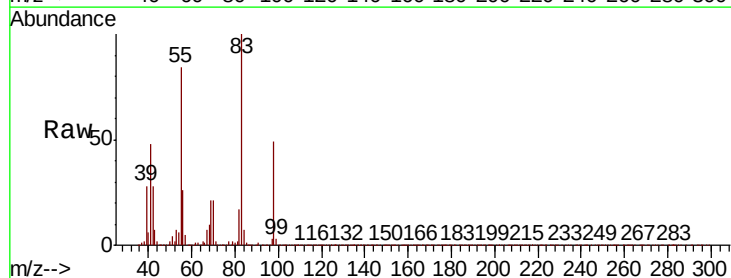
Instrument :
 MSVOA_X
 ClientSampleId :

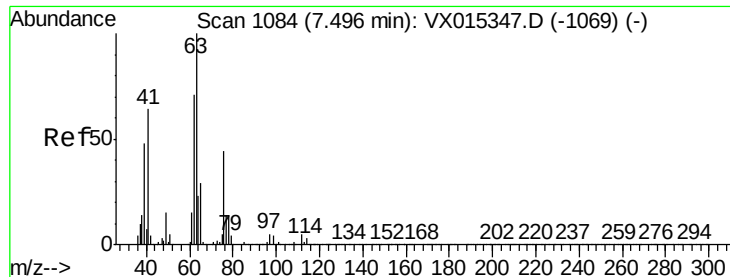
Tot Ion:130 Resp: 242337
 Ion Ratio Lower Upper
 130 100
 95 93.9 76.4 114.6



#38
 Methylcyclohexane
 Concen: 18.252 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

Tgt Ion: 83 Resp: 365704
 Ion Ratio Lower Upper
 83 100
 55 85.2 41.3 124.1
 98 49.7 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.420 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

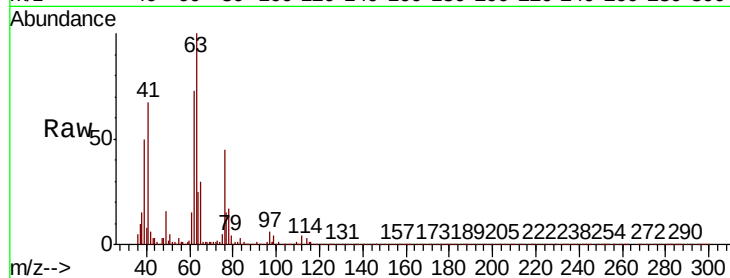
ClientSampleId :

Tot Ion: 63 Resp: 233059

Ion Ratio Lower Upper

63 100

65 29.3 23.0 34.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

120000

100000

80000

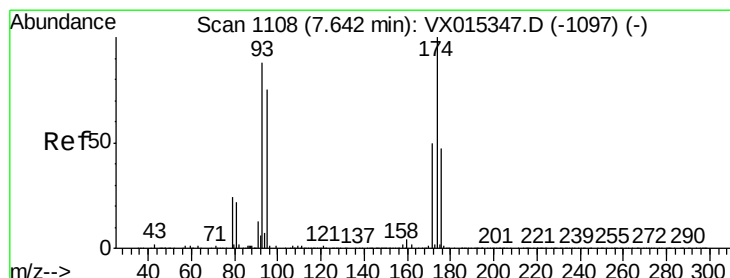
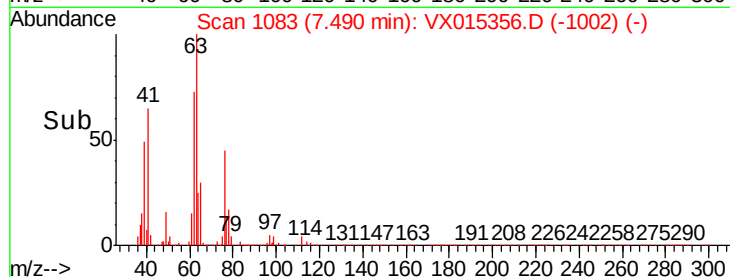
60000

40000

20000

0

Time-->



#40

Dibromomethane

Concen: 17.879 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

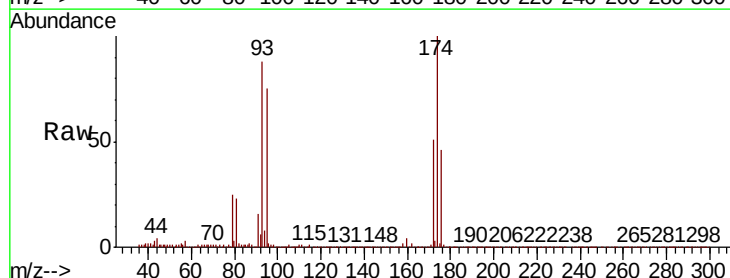
Tgt Ion: 93 Resp: 150577

Ion Ratio Lower Upper

93 100

95 85.2 0.0 166.4

174 117.9 0.0 225.4



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

120000

100000

80000

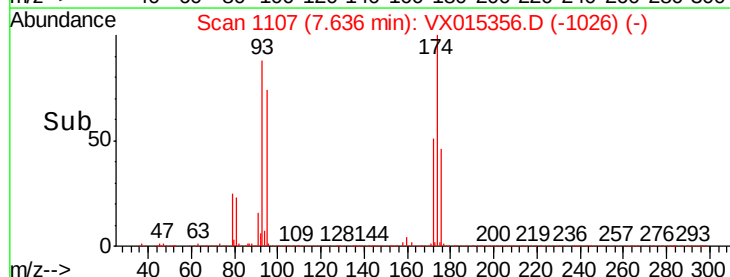
60000

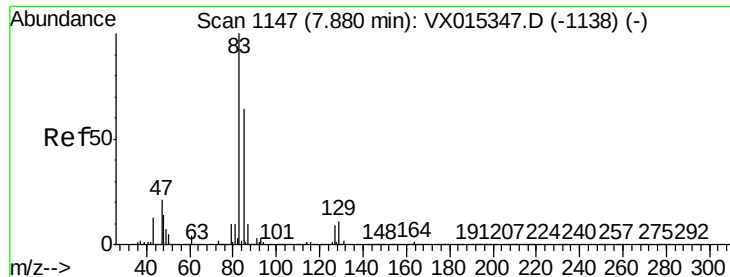
40000

20000

0

Time-->





#41

Bromodichloromethane

Concen: 18.354 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

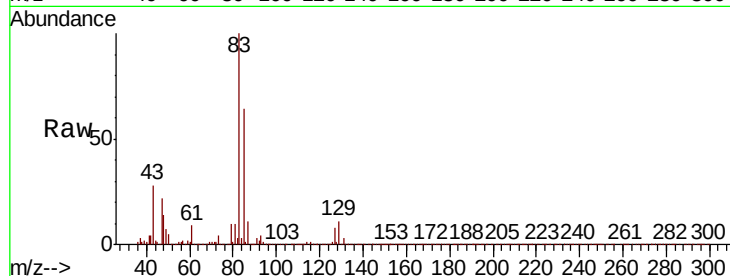
Tot Ion: 83 Resp: 335930

Ion Ratio Lower Upper

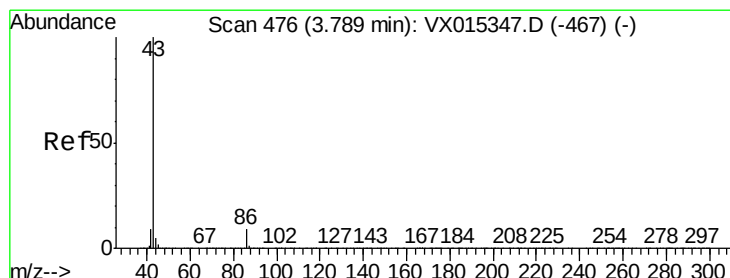
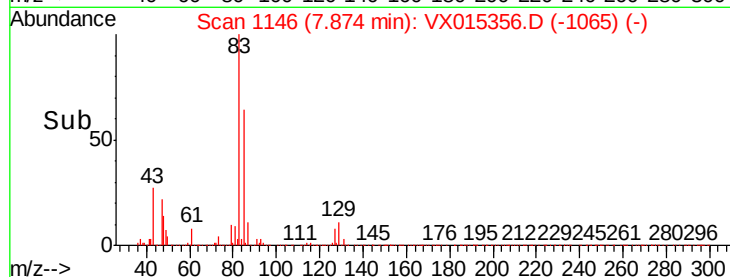
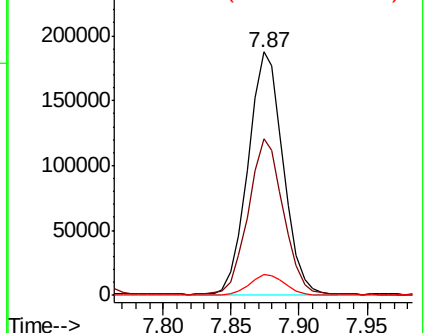
83 100

85 64.0 51.6 77.4

127 8.4 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 97.710 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015356.D

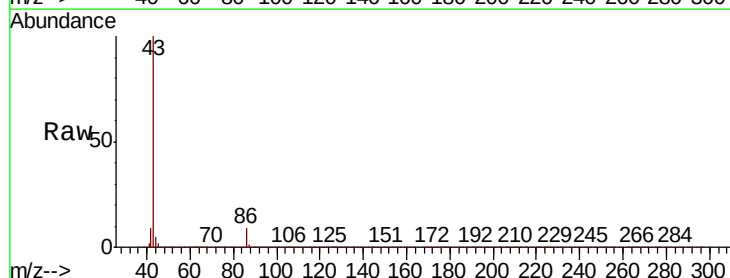
Acq: 26 Mar 2020 13:16

Tgt Ion: 43 Resp: 3627469

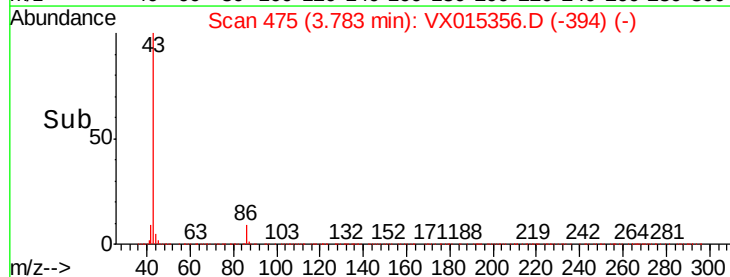
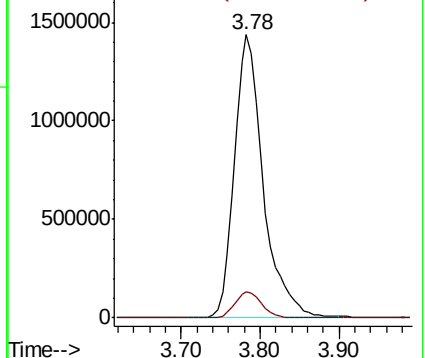
Ion Ratio Lower Upper

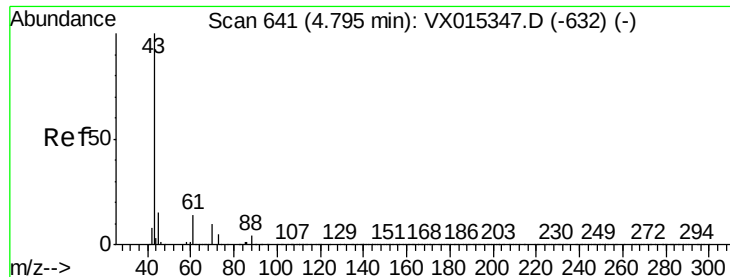
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

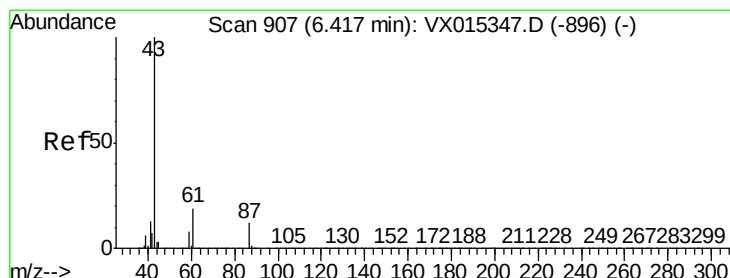
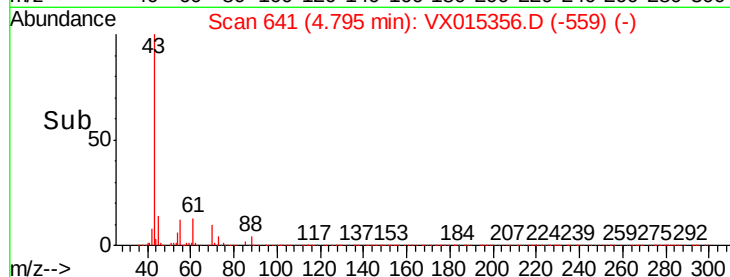
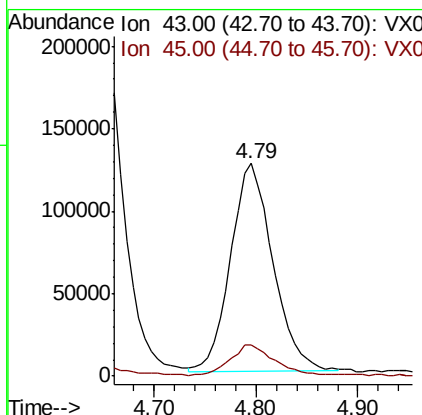
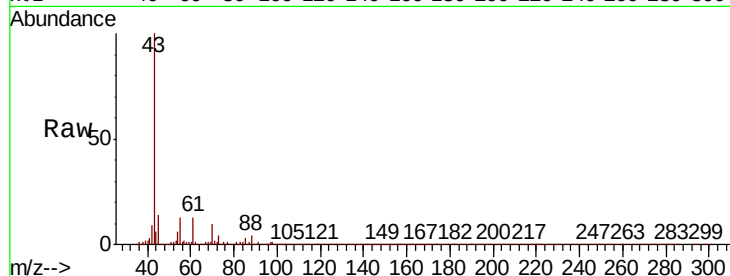




#43
Ethyl Acetate
Concen: 17.036 ug/l
RT: 4.79 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

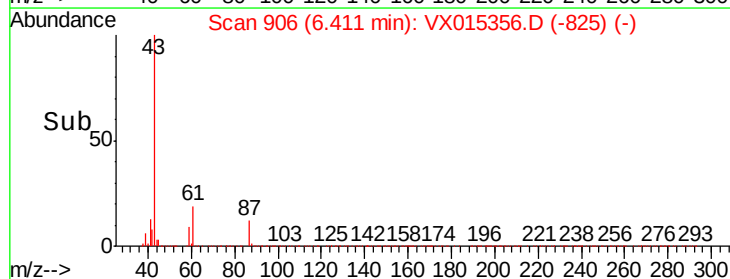
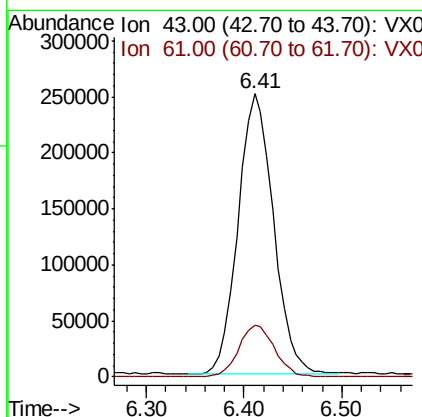
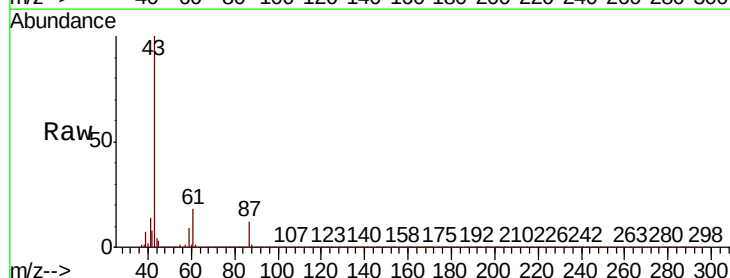
Instrument :
MSVOA_X
ClientSampleId :

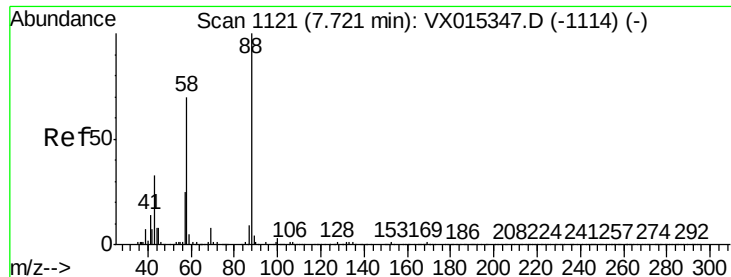
Tot Ion: 43 Resp: 363082
Ion Ratio Lower Upper
43 100
45 14.8 12.2 18.4



#44
Isopropyl Acetate
Concen: 18.353 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 43 Resp: 629494
Ion Ratio Lower Upper
43 100
61 18.8 14.6 22.0





#45

1,4-Dioxane

Concen: 378.812 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.02 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

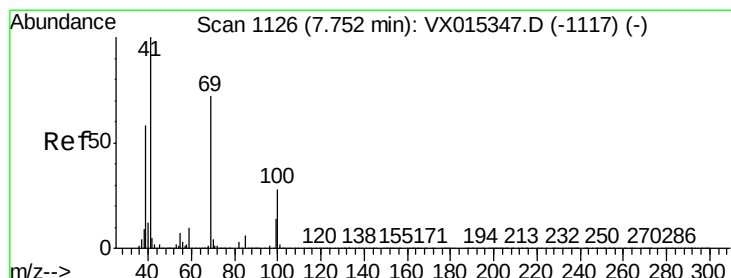
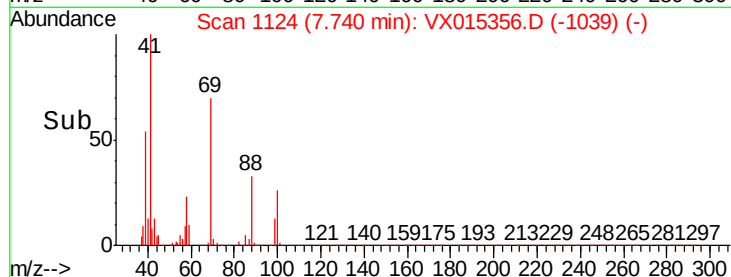
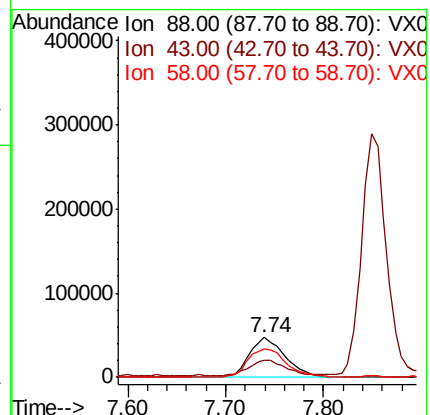
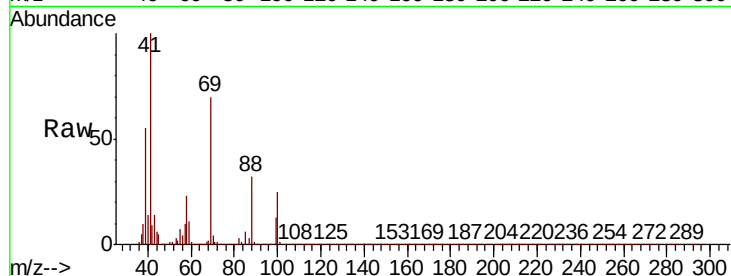
Tot Ion: 88 Resp: 119696

Ion Ratio Lower Upper

88 100

43 38.8 32.1 48.1

58 74.8 59.4 89.0



#46

Methyl methacrylate

Concen: 18.373 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

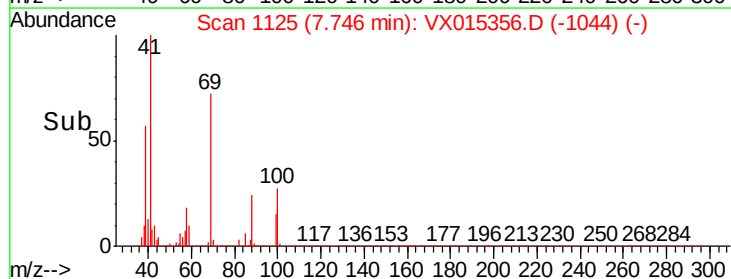
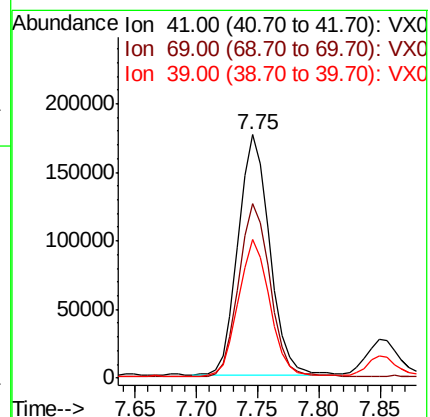
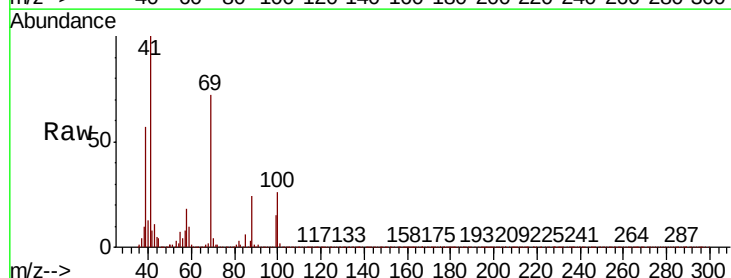
Tgt Ion: 41 Resp: 314483

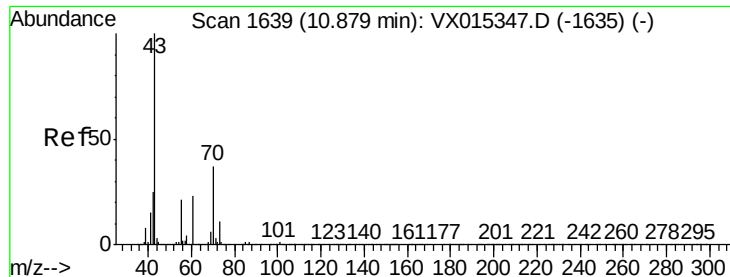
Ion Ratio Lower Upper

41 100

69 71.9 35.8 107.4

39 57.1 28.9 86.8





#47

n-amvl Acetate

Concen: 18.011 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

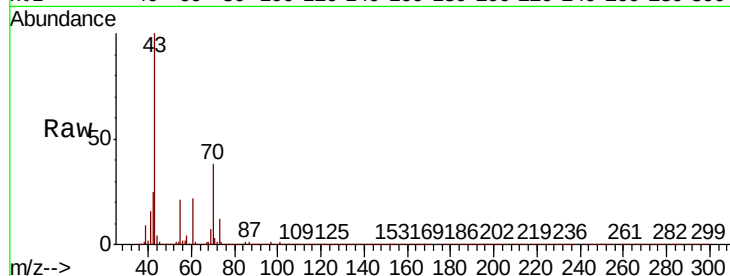
ClientSampled :

Tot Ion: 43 Resp: 532665

Ion Ratio Lower Upper

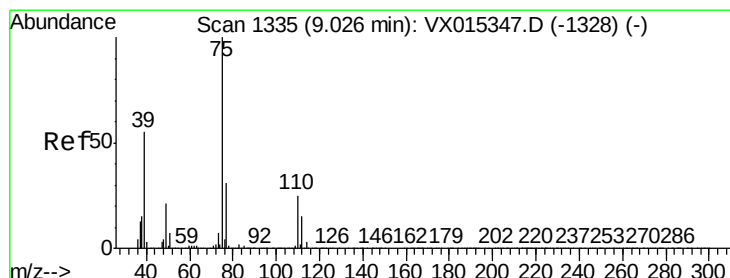
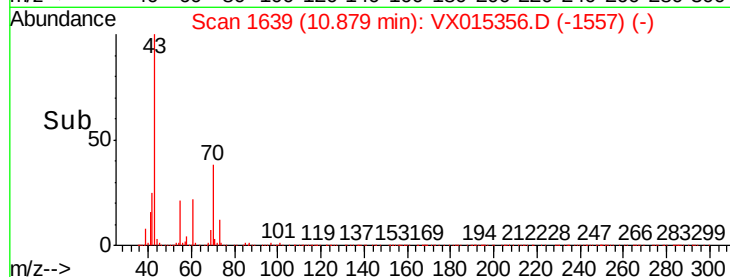
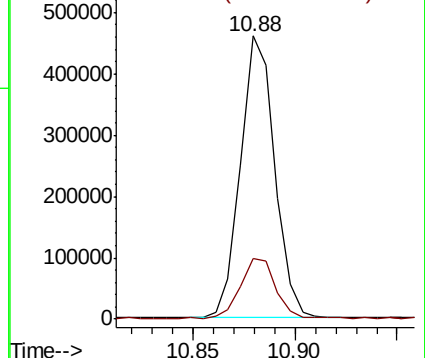
43 100

55 21.4 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.326 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015356.D

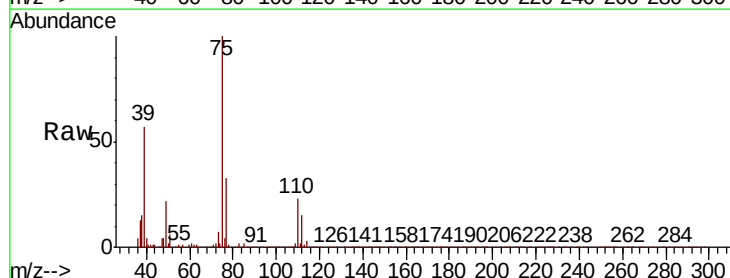
Acq: 26 Mar 2020 13:16

Tgt Ion: 75 Resp: 387219

Ion Ratio Lower Upper

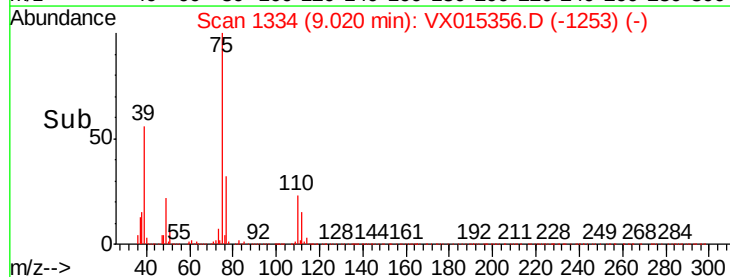
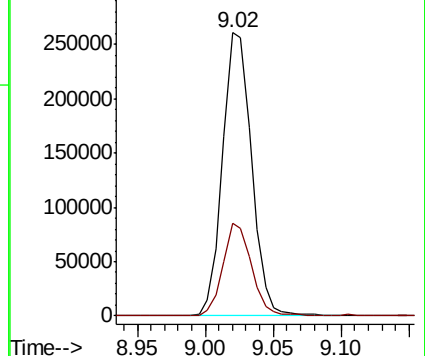
75 100

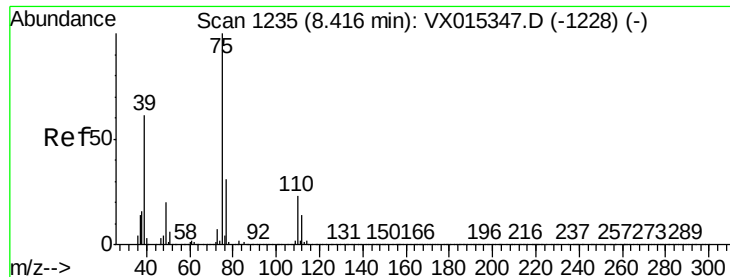
77 32.4 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



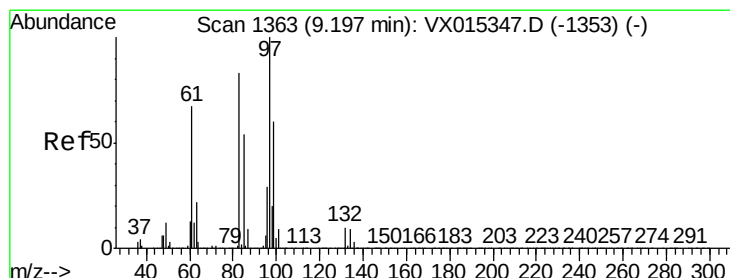
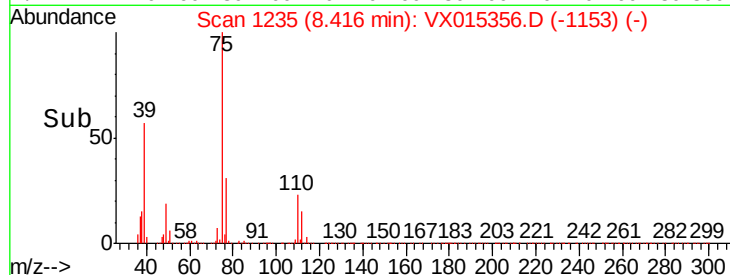
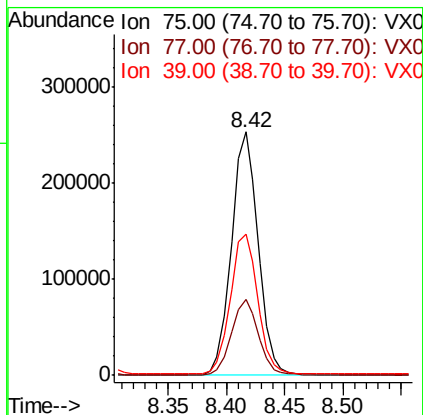
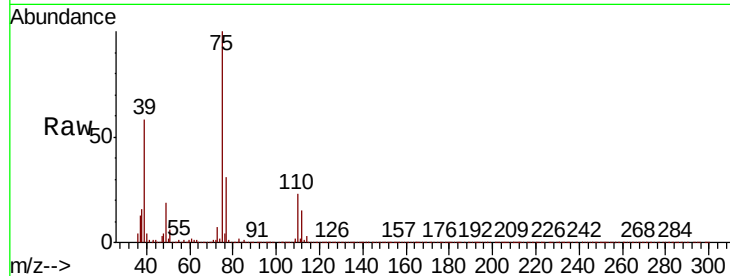


#49

cis-1,3-Dichloropropene
Concen: 18.577 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

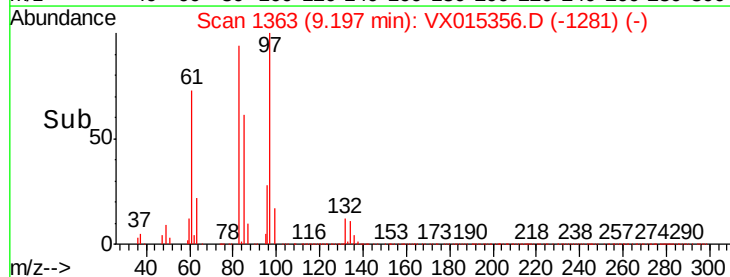
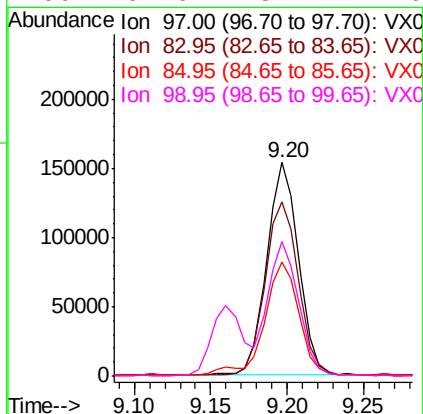
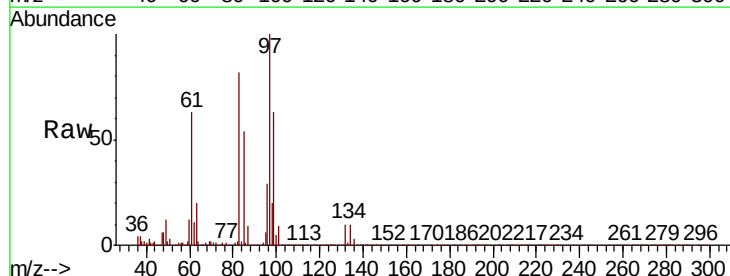
Tot Ion:	75	Resp:	405155
Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	57.3	48.9	73.3

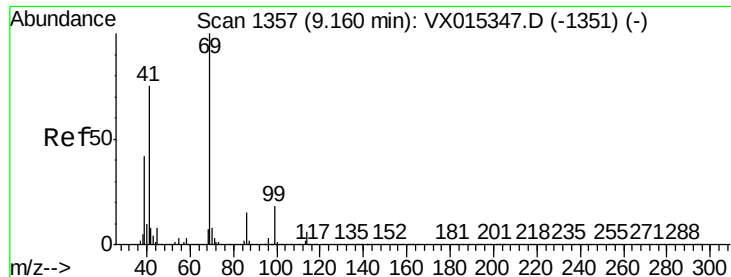


#50

1,1,2-Trichloroethane
Concen: 18.509 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion:	97	Resp:	223705
Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.8	100.2
85	53.2	43.3	64.9
99	62.6	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.095 ug/l

RT: 9.16 min Scan# 1357

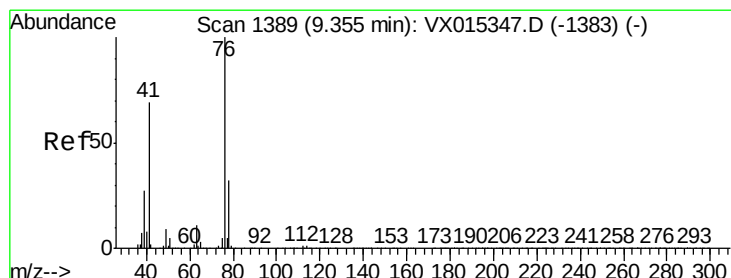
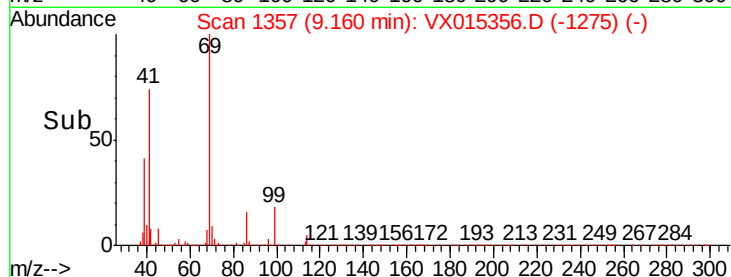
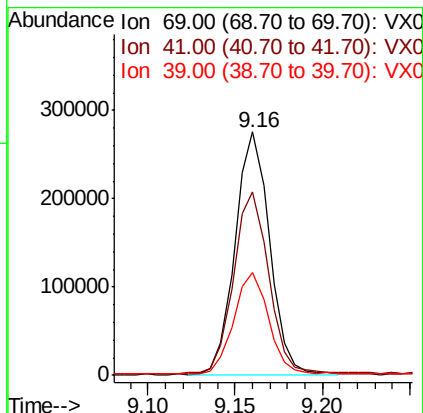
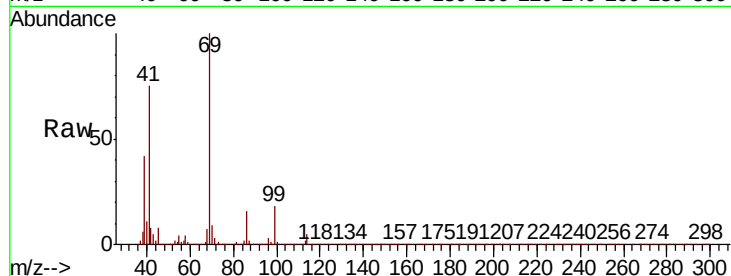
Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69	Resp:	376130
Ion	Ratio	Lower	Upper
69	100		
41	74.5	37.4	112.2
39	41.6	21.1	63.1



#52

1,3-Dichloropropane

Concen: 18.601 ug/l

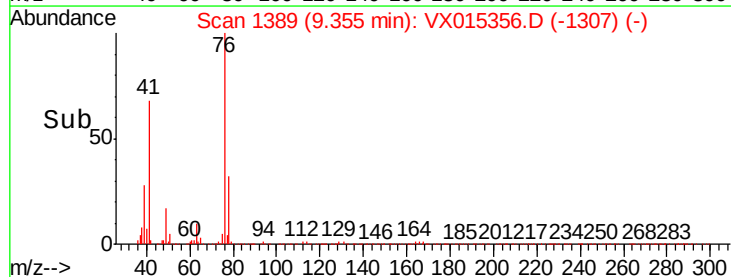
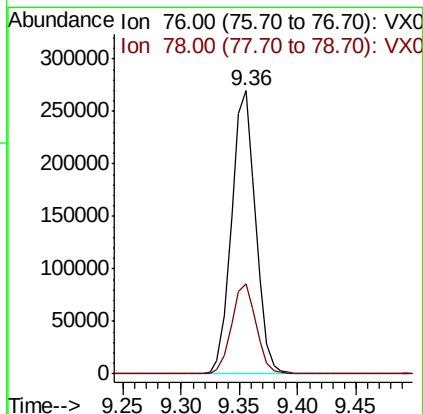
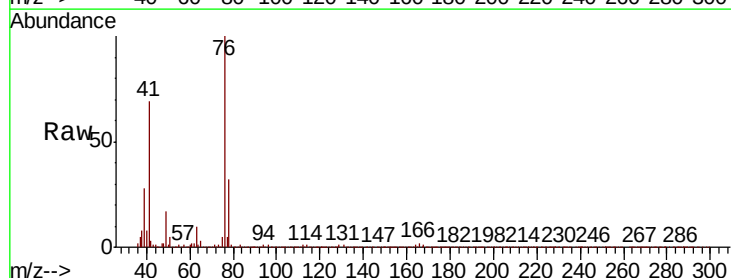
RT: 9.36 min Scan# 1389

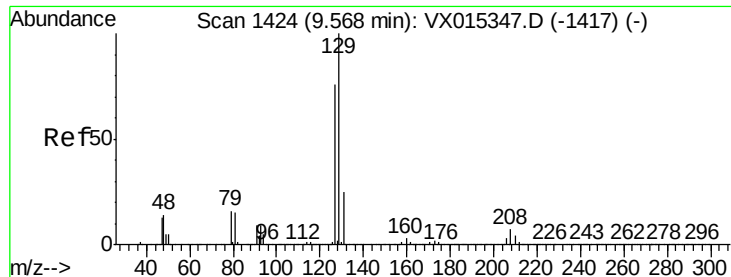
Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Tgt Ion:	76	Resp:	388304
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	63.2





#53

Dibromochloromethane

Concen: 18.587 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

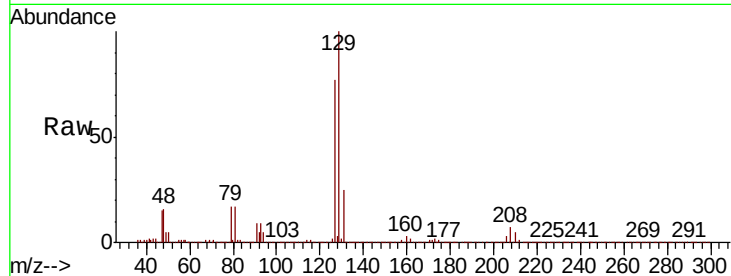
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 276925

Ion Ratio Lower Upper

129 100

127 75.5 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

200000

150000

100000

50000

0

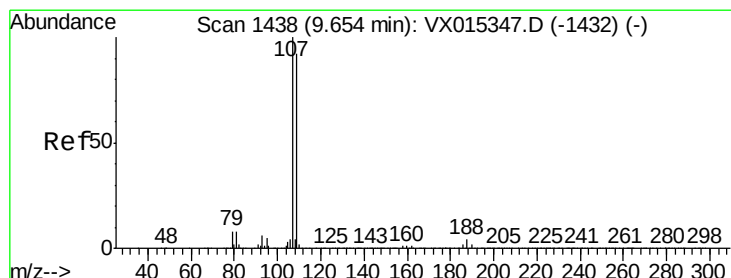
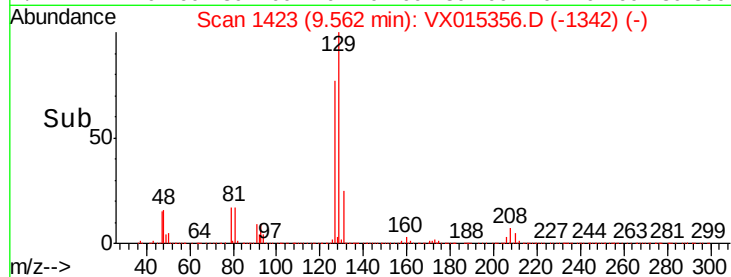
9.56

9.55

9.60

9.65

Time-->



#54

1,2-Dibromoethane

Concen: 18.461 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015356.D

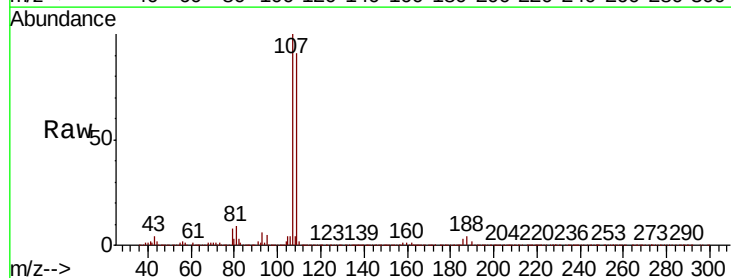
Acq: 26 Mar 2020 13:16

Tgt Ion:107 Resp: 239416

Ion Ratio Lower Upper

107 100

109 93.1 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

200000

150000

100000

50000

0

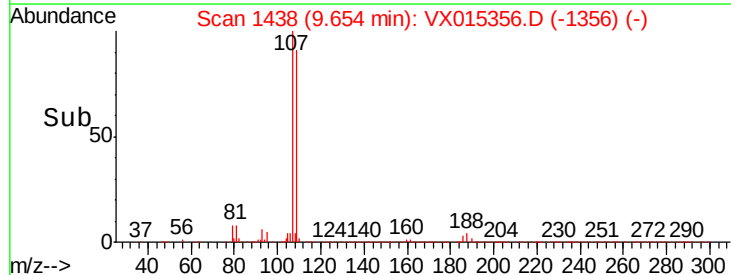
9.65

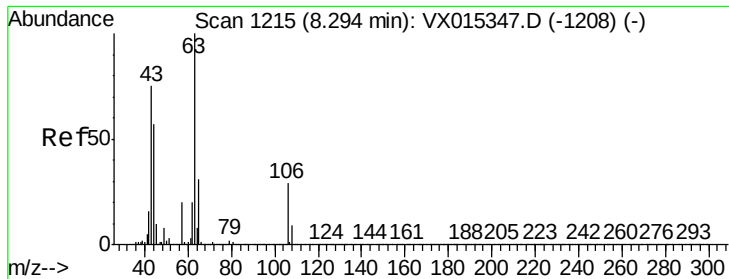
9.60

9.70

9.75

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 99.661 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

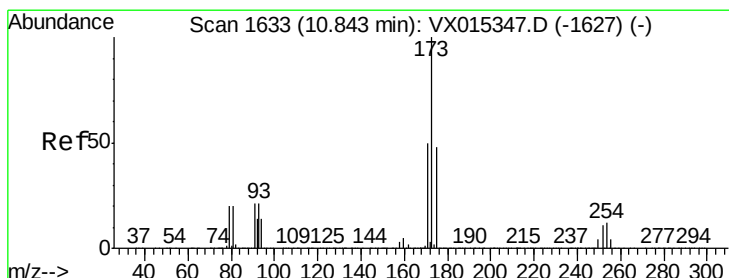
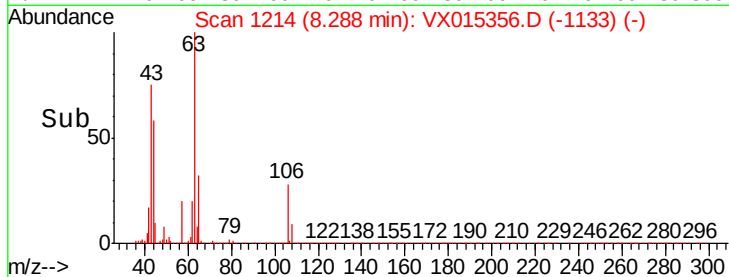
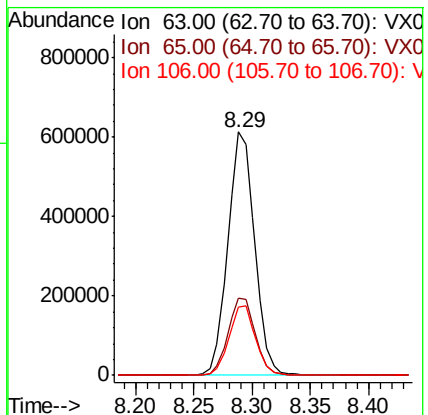
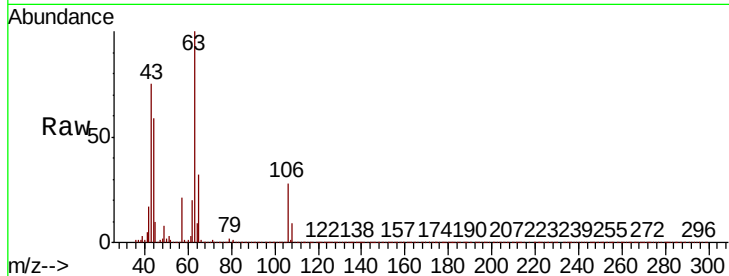
Tot Ion: 63 Resp: 978424

Ion Ratio Lower Upper

63 100

65 31.8 25.5 38.3

106 28.5 23.1 34.7



#56

Bromoform

Concen: 18.480 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

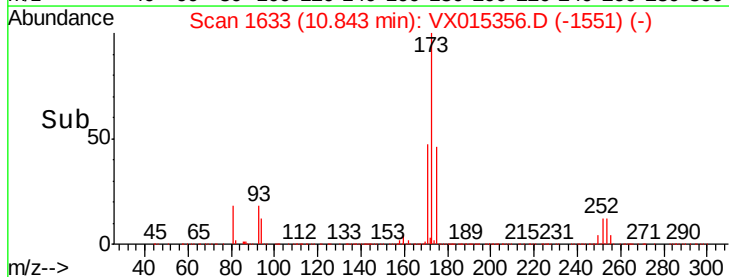
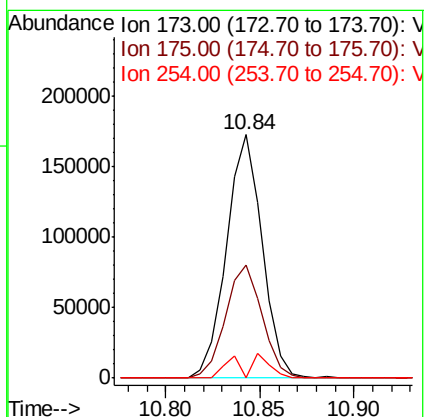
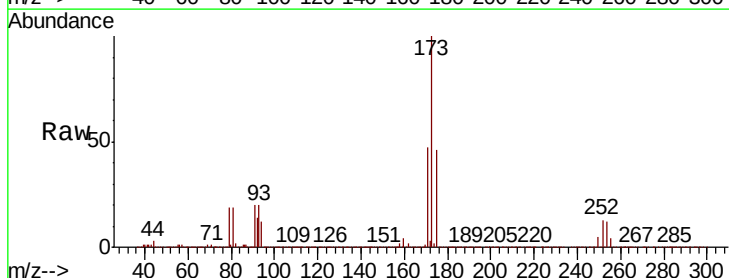
Tgt Ion: 173 Resp: 226392

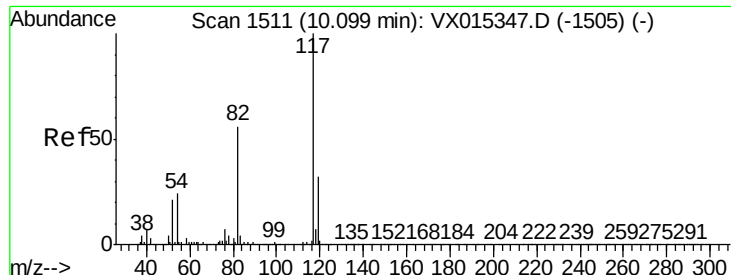
Ion Ratio Lower Upper

173 100

175 47.5 39.0 58.4

254 4.9 9.4 14.2#

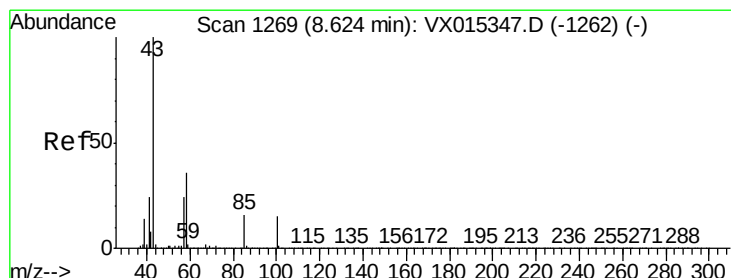
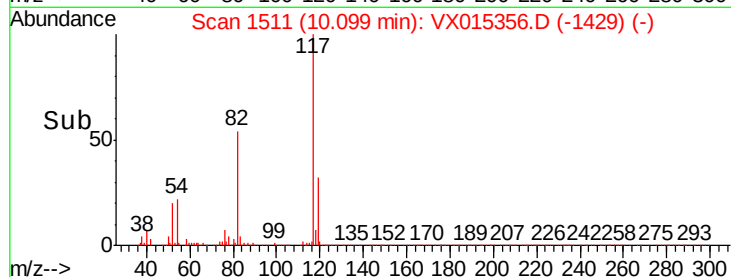
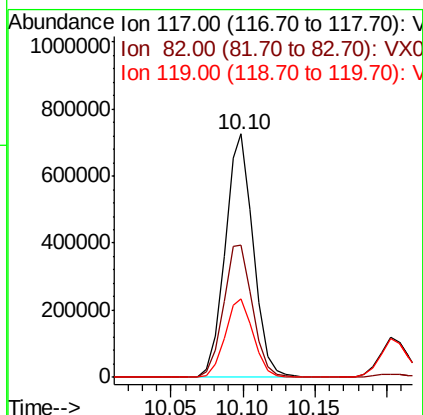
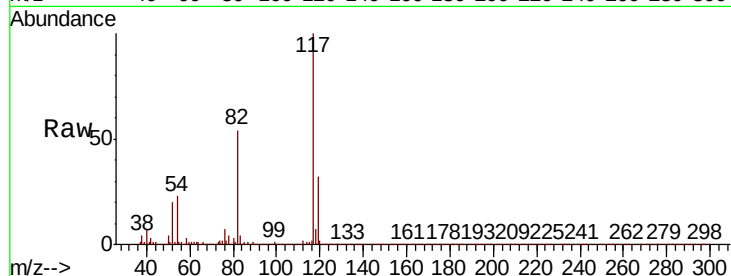




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

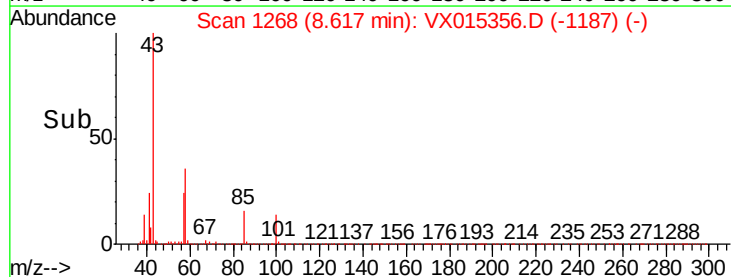
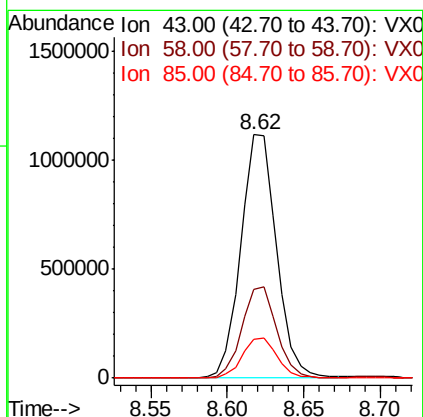
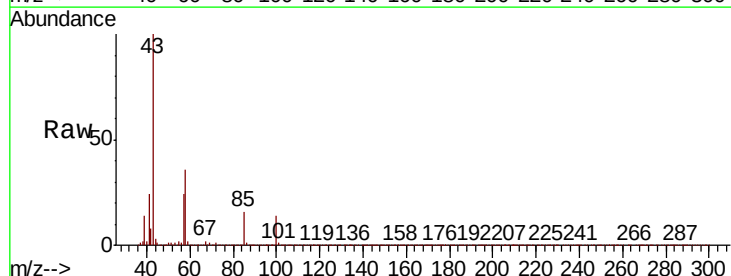
Instrument :
MSVOA_X
ClientSampleId :

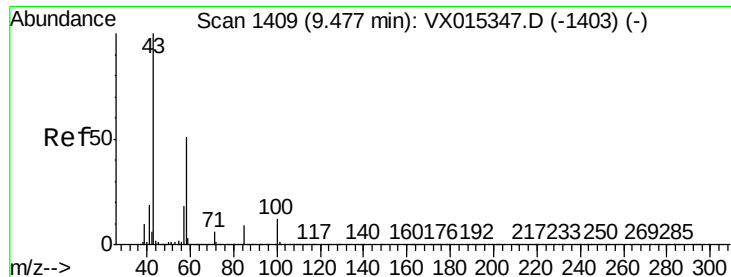
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.0	67.6
119	32.3	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 94.994 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.0
85	16.4	13.0	19.4

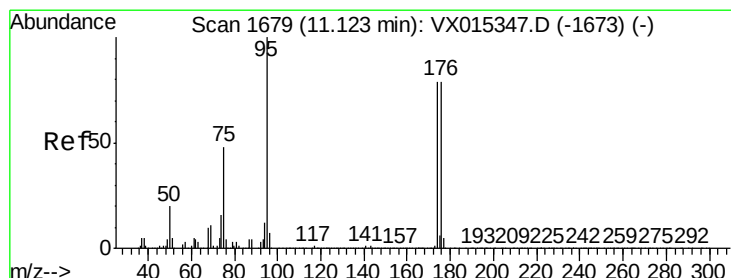
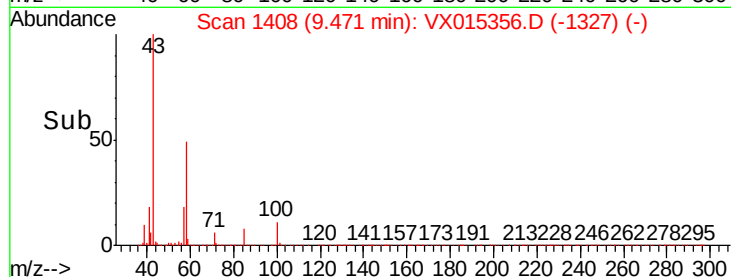
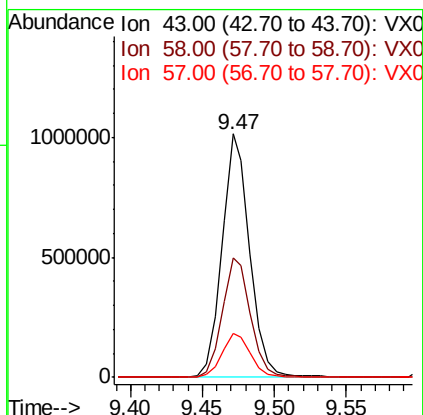
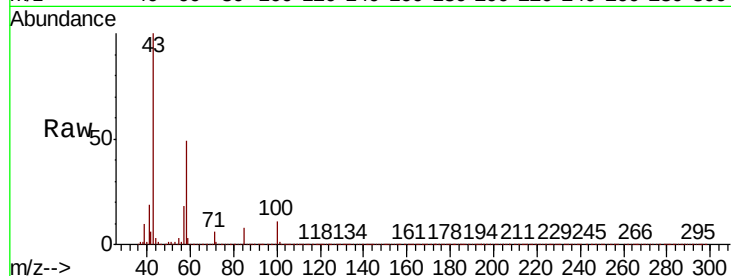




#59
2-Hexanone
Concen: 93.739 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

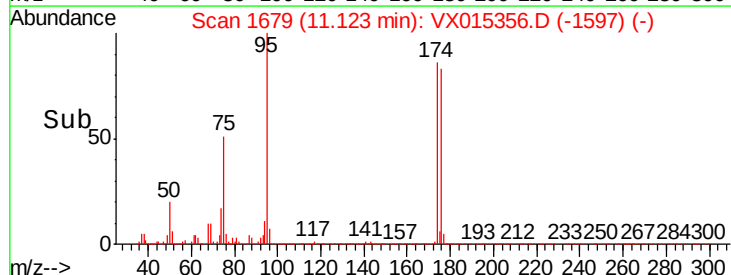
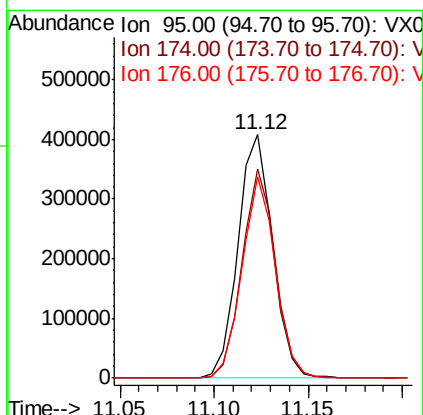
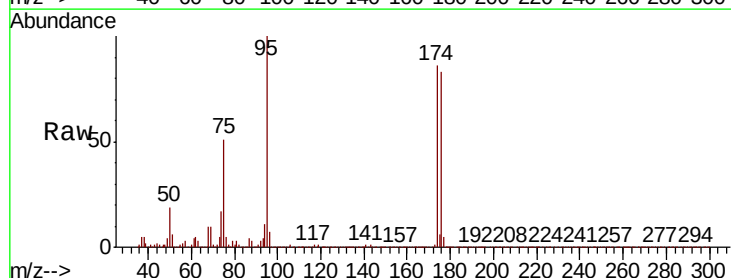
Instrument :
MSVOA_X
ClientSampled :

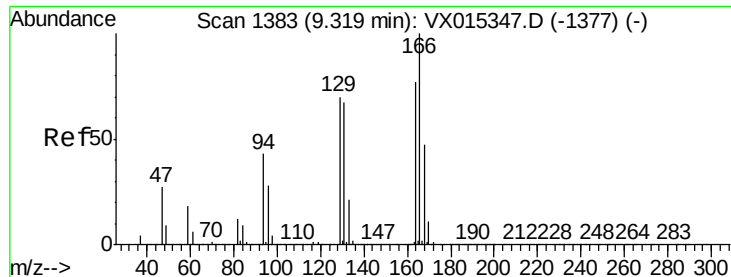
Tot Ion: 43 Resp: 1350809
Ion Ratio Lower Upper
43 100
58 50.5 40.2 60.4
57 18.2 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.493 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 95 Resp: 516491
Ion Ratio Lower Upper
95 100
174 83.3 66.4 99.6
176 79.7 64.1 96.1





#61

Tetrachloroethene

Concen: 18.671 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 237520

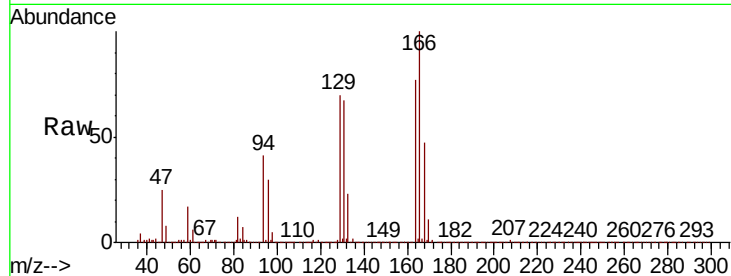
Ion Ratio Lower Upper

164 100

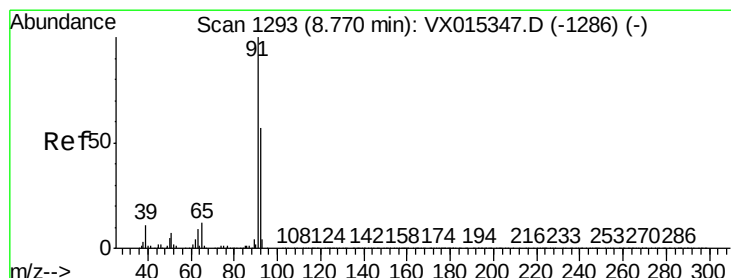
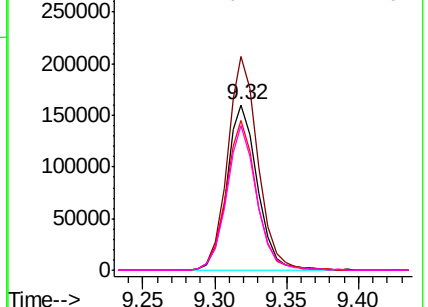
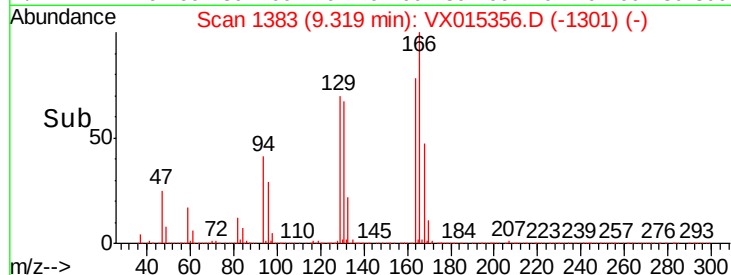
166 129.0 103.6 155.4

129 90.3 72.6 108.8

131 86.8 69.8 104.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.557 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015356.D

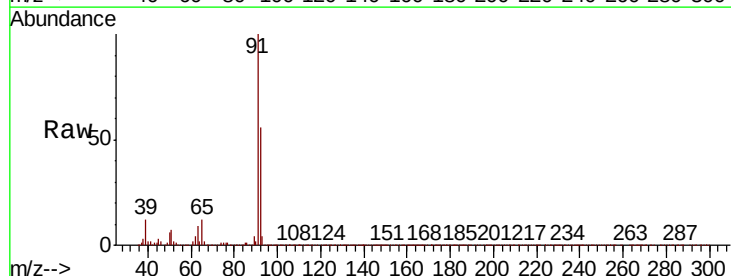
Acq: 26 Mar 2020 13:16

Tgt Ion: 91 Resp: 930256

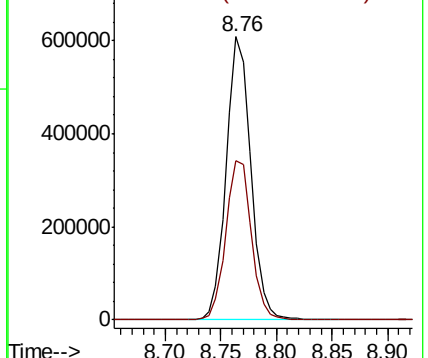
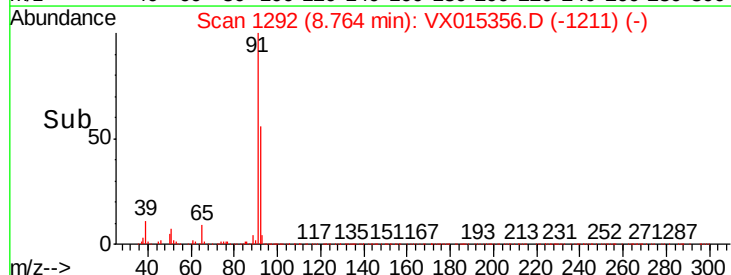
Ion Ratio Lower Upper

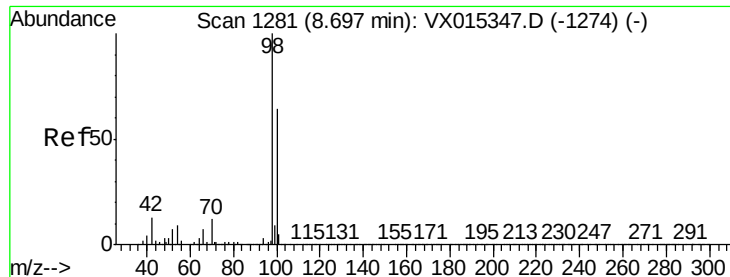
91 100

92 58.6 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.880 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

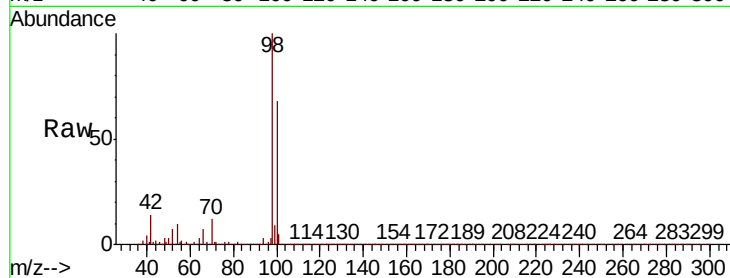
ClientSampleId :

Tot Ion: 98 Resp: 1256425

Ion Ratio Lower Upper

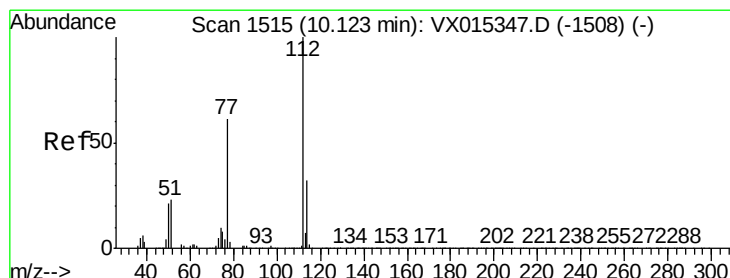
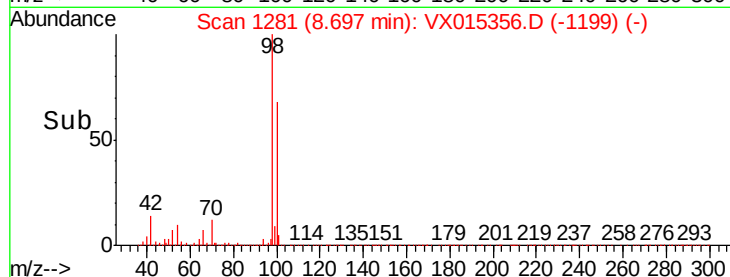
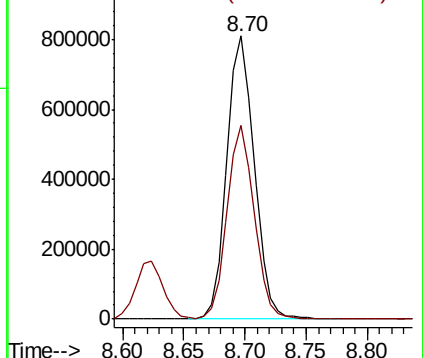
98 100

100 67.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#64

Chlorobenzene

Concen: 18.293 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015356.D

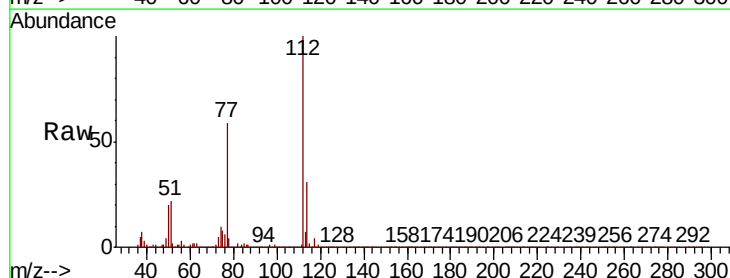
Acq: 26 Mar 2020 13:16

Tgt Ion: 112 Resp: 589603

Ion Ratio Lower Upper

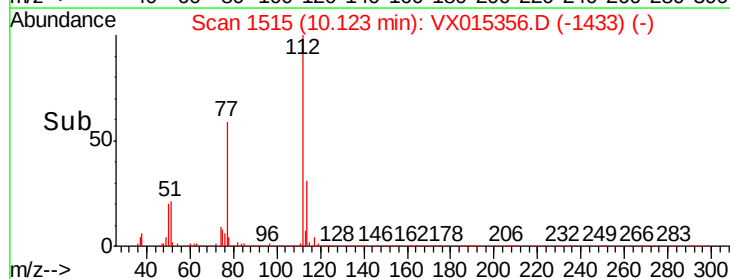
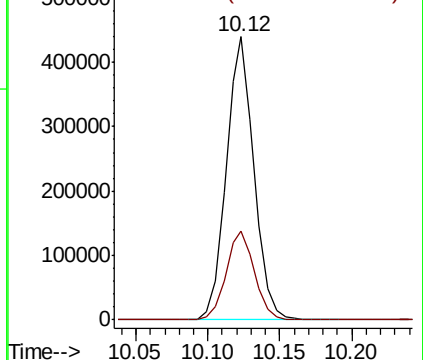
112 100

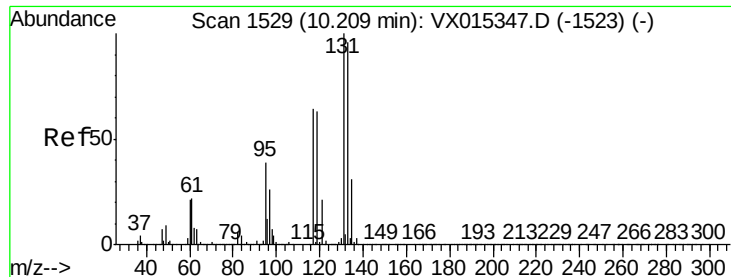
114 31.3 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 18.409 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

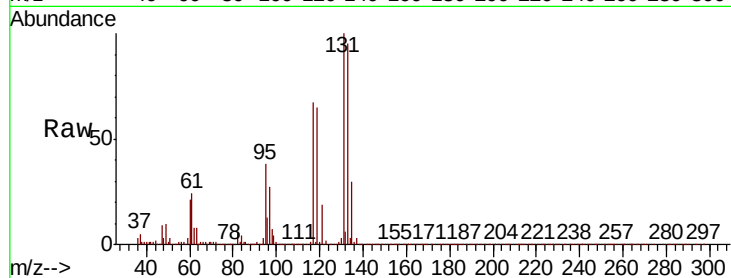
Tot Ion:131 Resp: 242458

Ion Ratio Lower Upper

131 100

133 95.0 0.0 193.6

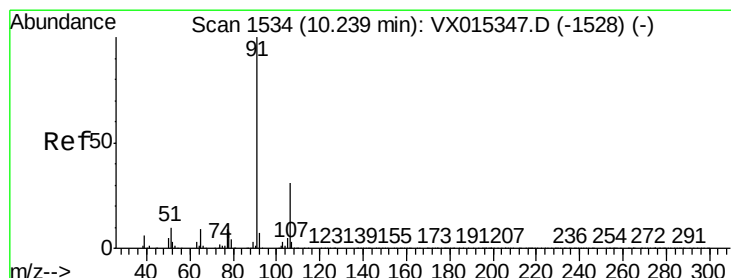
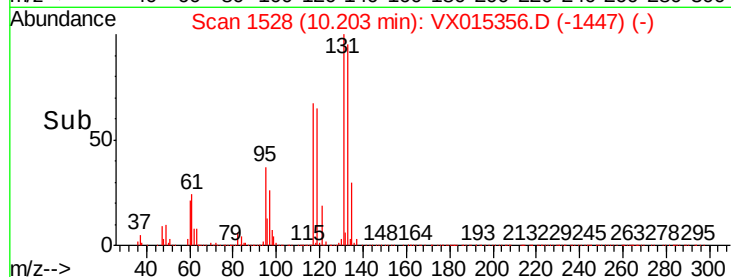
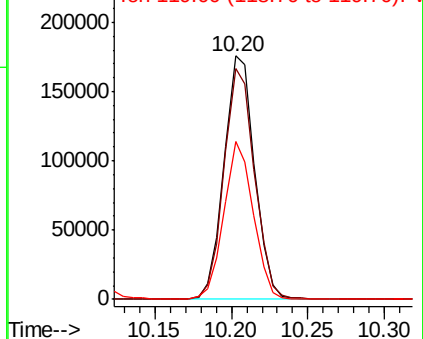
119 62.8 0.0 128.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.284 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015356.D

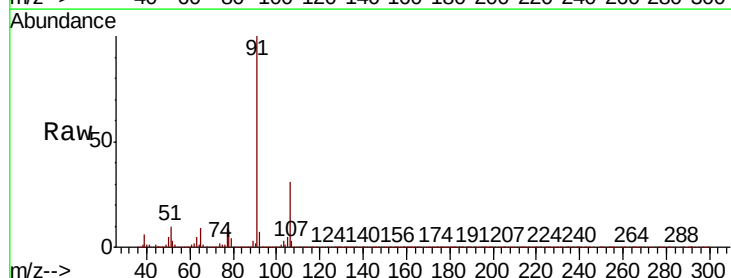
Acq: 26 Mar 2020 13:16

Tgt Ion: 91 Resp: 1047109

Ion Ratio Lower Upper

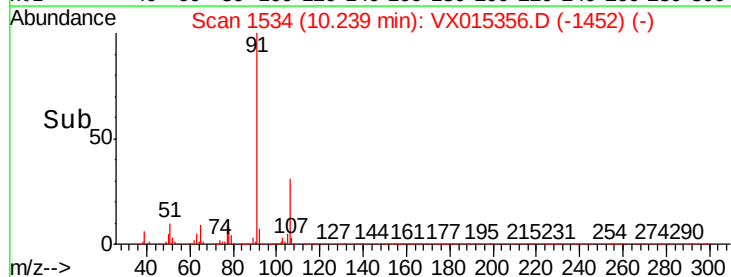
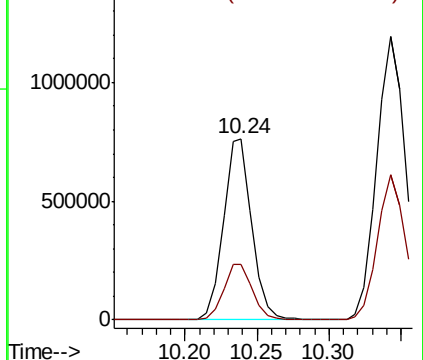
91 100

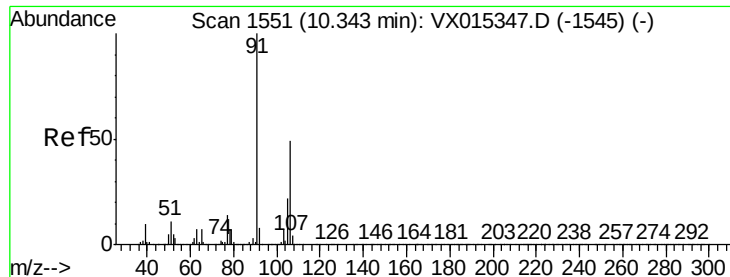
106 30.6 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.673 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

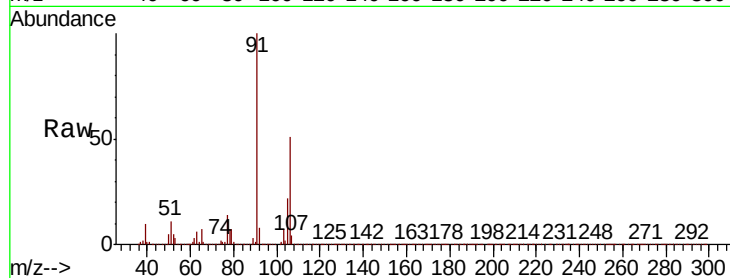
ClientSampled :

Tot Ion:106 Resp: 816581

Ion Ratio Lower Upper

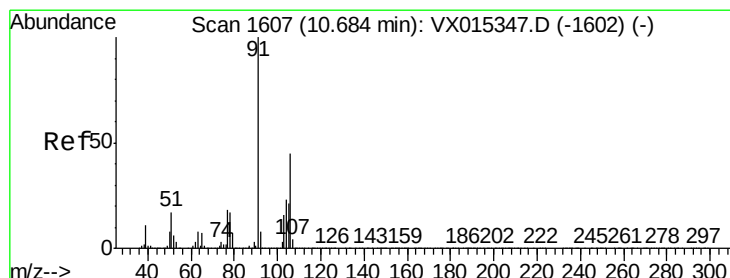
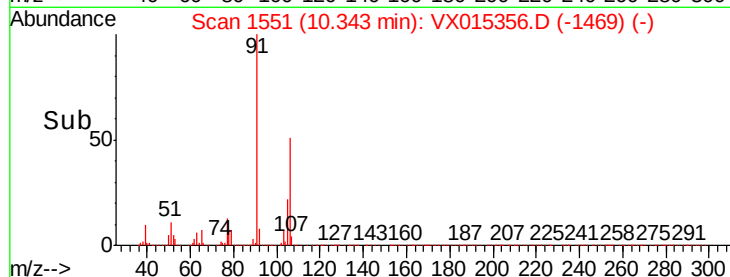
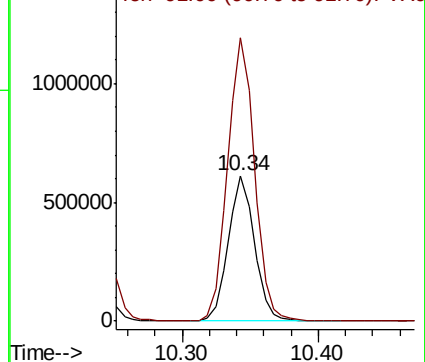
106 100

91 201.2 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.254 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015356.D

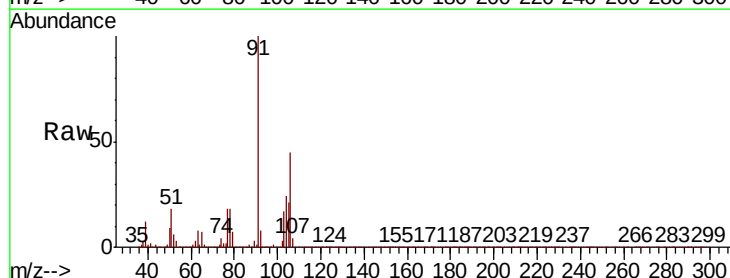
Acq: 26 Mar 2020 13:16

Tgt Ion:106 Resp: 386750

Ion Ratio Lower Upper

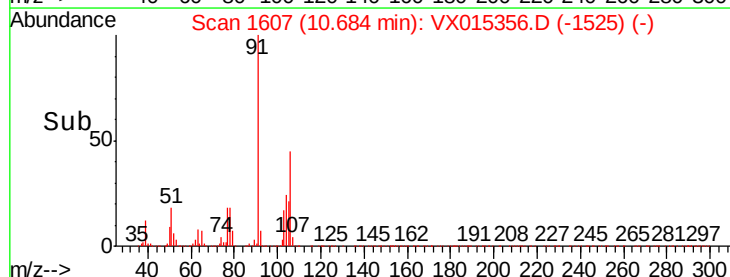
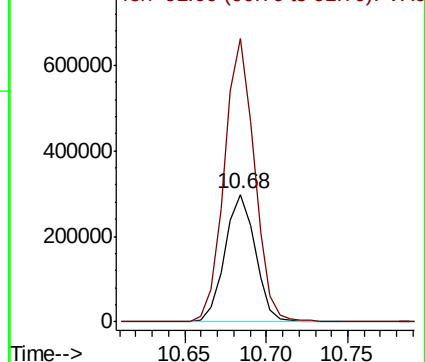
106 100

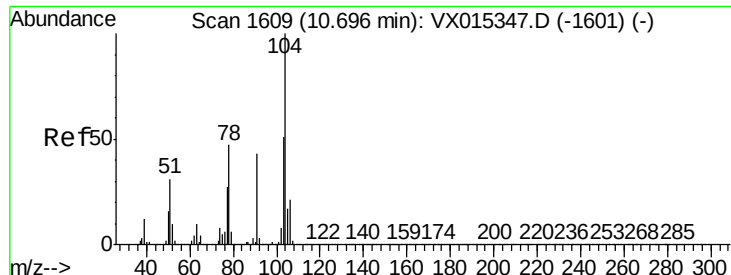
91 219.6 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

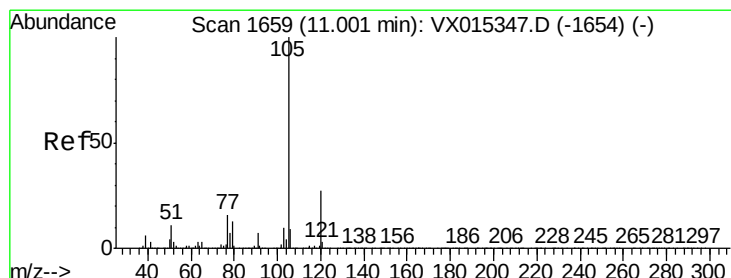
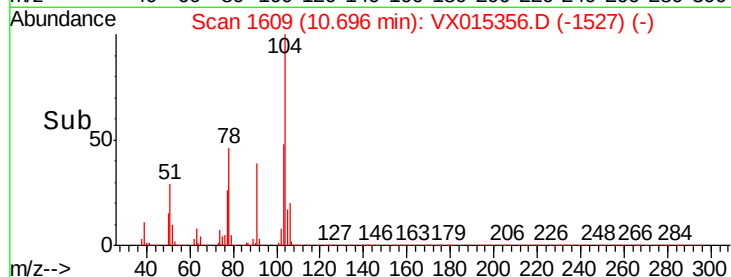
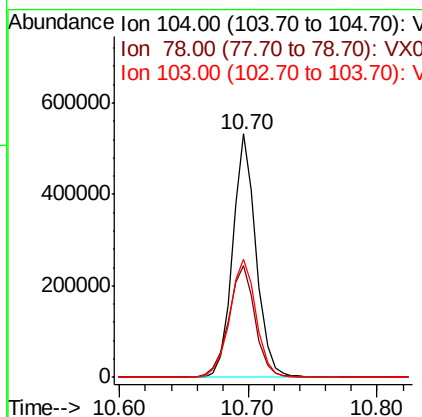
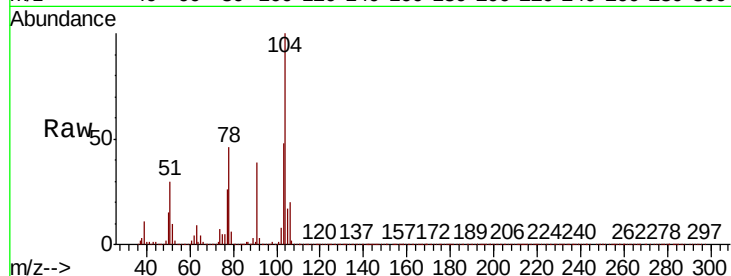




#69
Stvrene
Concen: 18.234 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

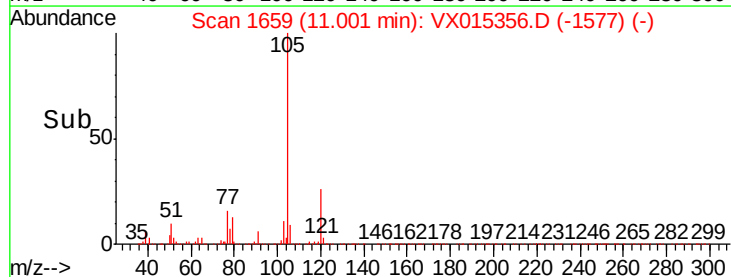
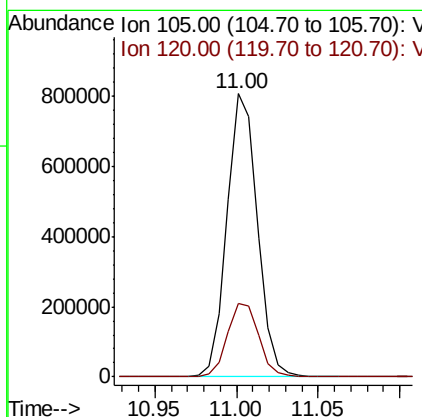
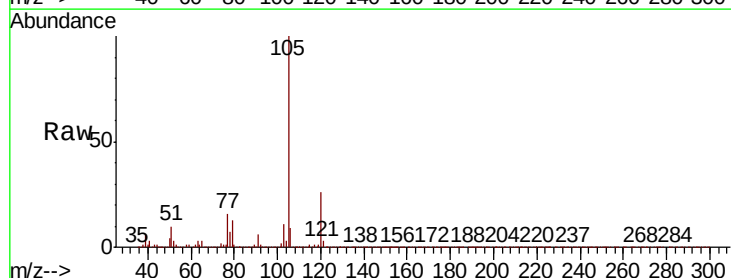
Instrument :
MSVOA_X
ClientSampleId :

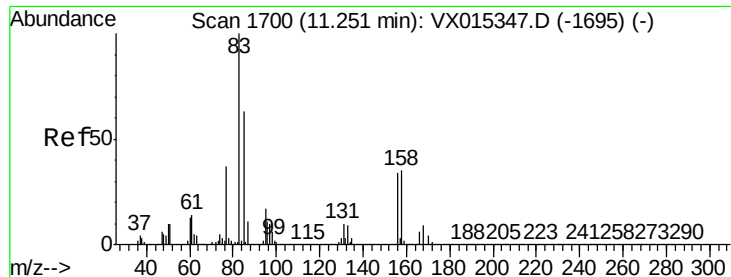
Tot Ion:104 Resp: 673048
Ion Ratio Lower Upper
104 100
78 52.1 41.5 62.3
103 54.7 43.4 65.2



#70
Isopropylbenzene
Concen: 18.634 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion:105 Resp: 1046628
Ion Ratio Lower Upper
105 100
120 26.7 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.508 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

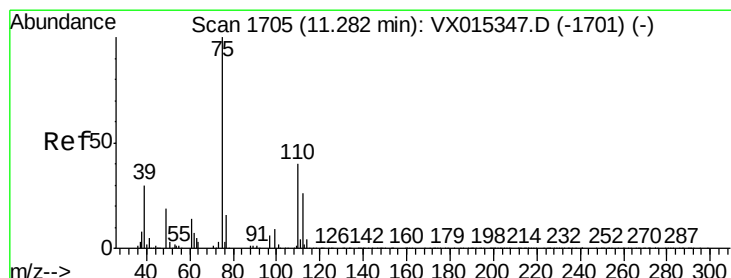
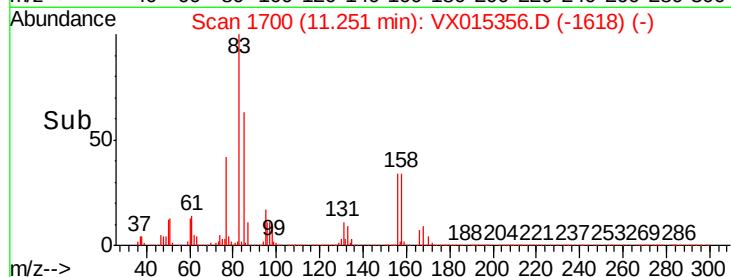
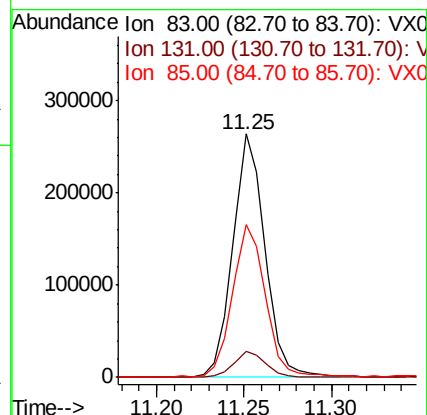
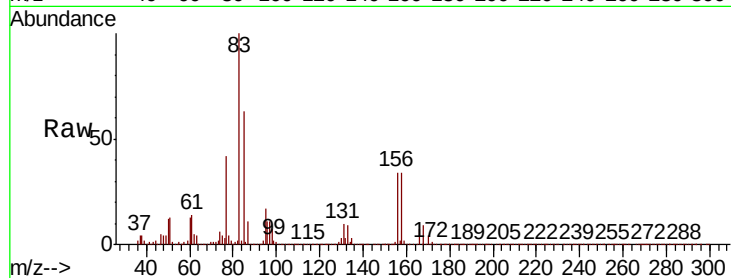
Tot Ion: 83 Resp: 336914

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 63.8 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 24.081 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015356.D

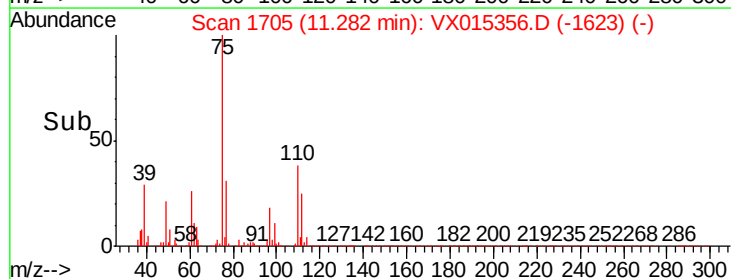
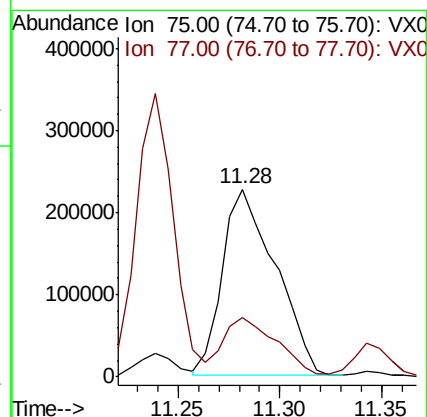
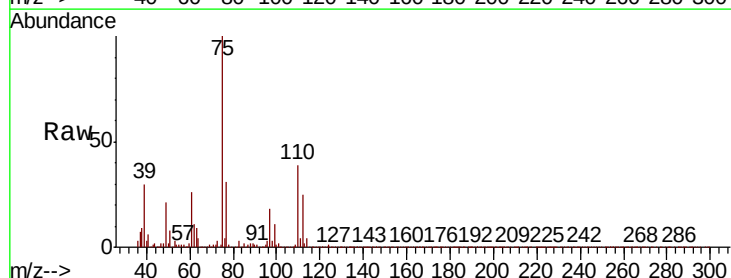
Acq: 26 Mar 2020 13:16

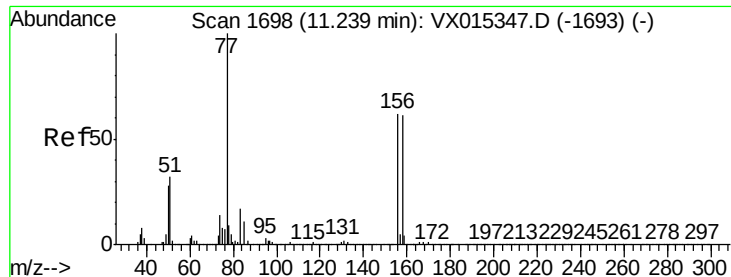
Tgt Ion: 75 Resp: 410179

Ion Ratio Lower Upper

75 100

77 29.5 0.0 80.0





#73

Bromobenzene

Concen: 18.247 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

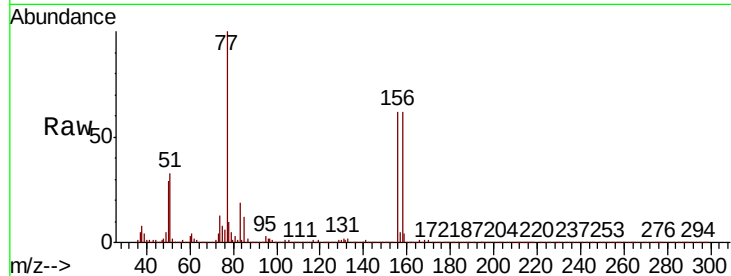
Tot Ion:156 Resp: 275105

Ion Ratio Lower Upper

156 100

77 159.0 0.0 324.4

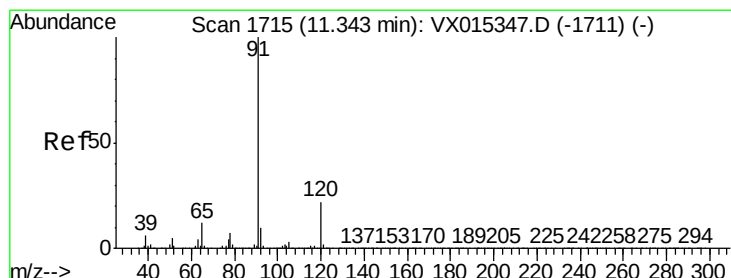
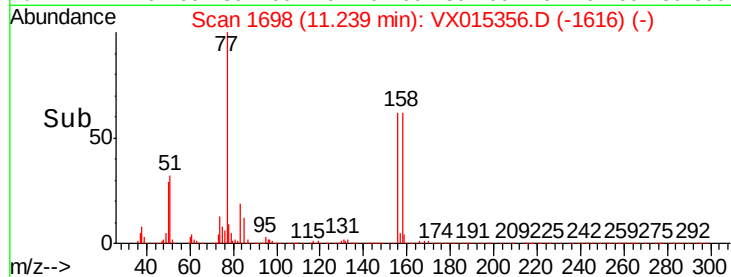
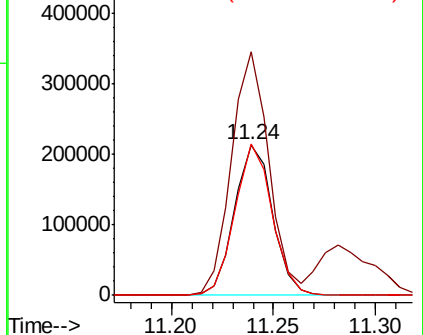
158 98.6 0.0 200.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.869 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015356.D

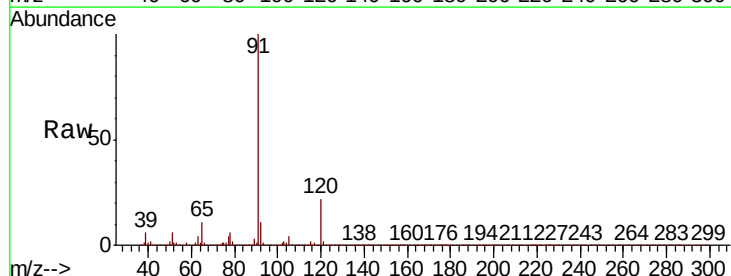
Acq: 26 Mar 2020 13:16

Tgt Ion: 91 Resp: 1215614

Ion Ratio Lower Upper

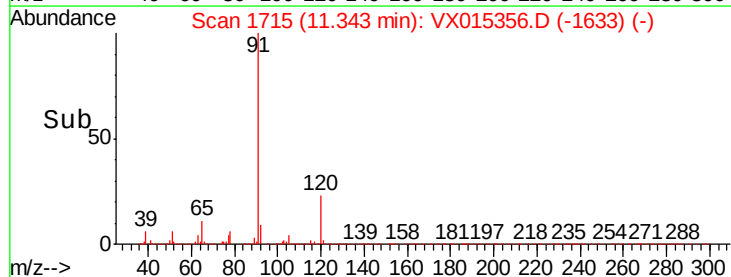
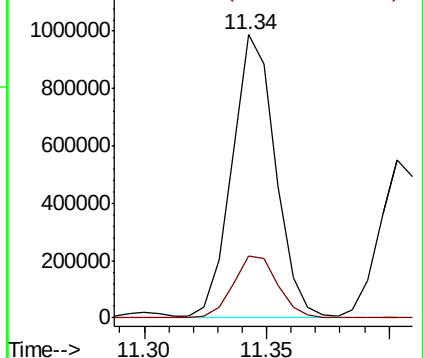
91 100

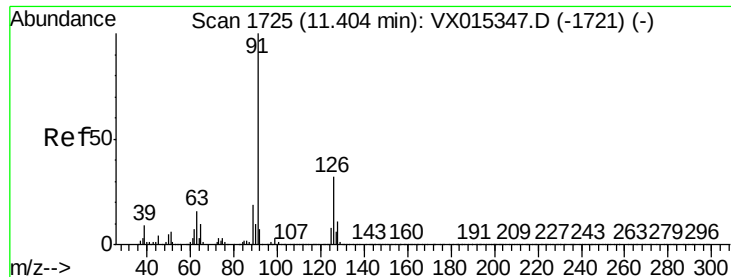
120 22.6 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

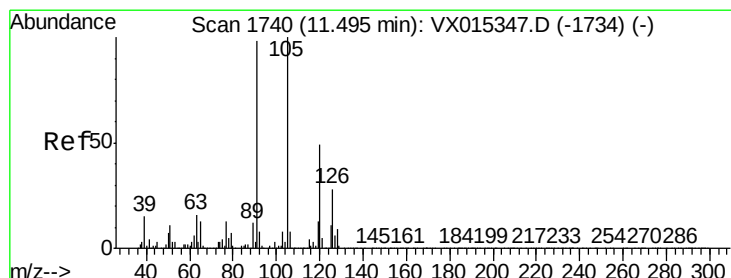
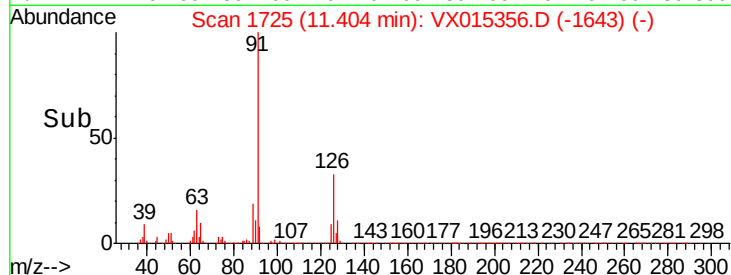
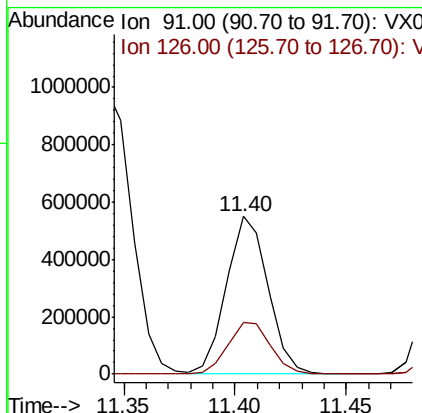
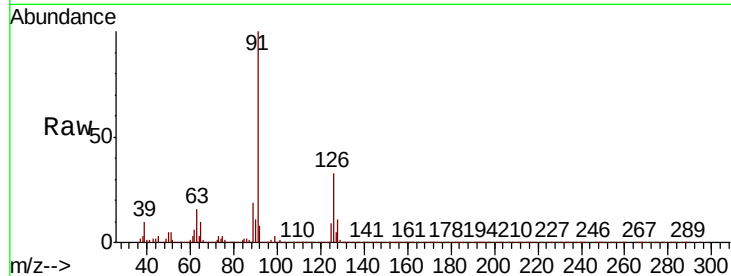




#75
 2-Chlorotoluene
 Concen: 18.218 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

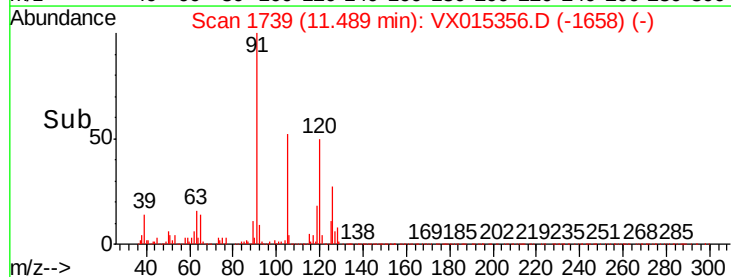
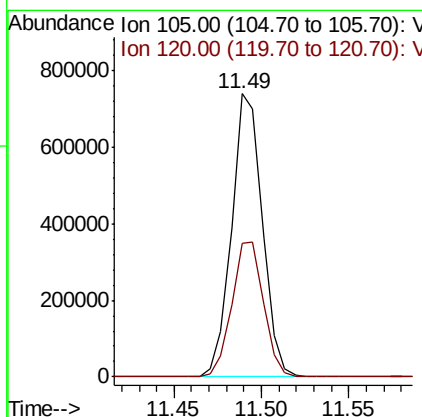
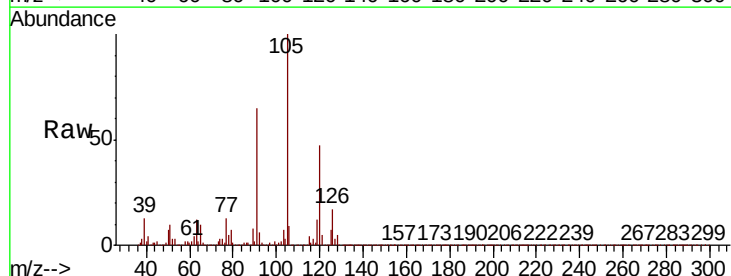
Instrument :
 MSVOA_X
 ClientSampleId :

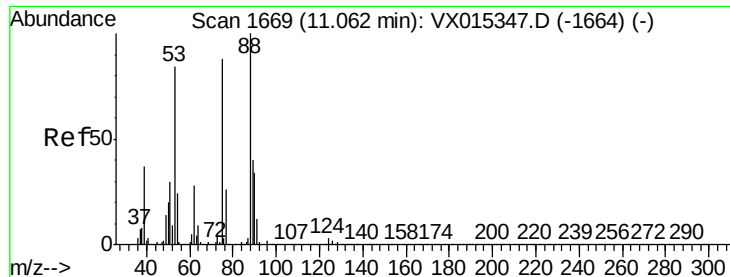
Tot Ion: 91 Resp: 713821
 Ion Ratio Lower Upper
 91 100
 126 33.7 0.0 65.2



#76
 1,3,5-Trimethylbenzene
 Concen: 18.710 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

Tgt Ion: 105 Resp: 902422
 Ion Ratio Lower Upper
 105 100
 120 49.0 0.0 98.0



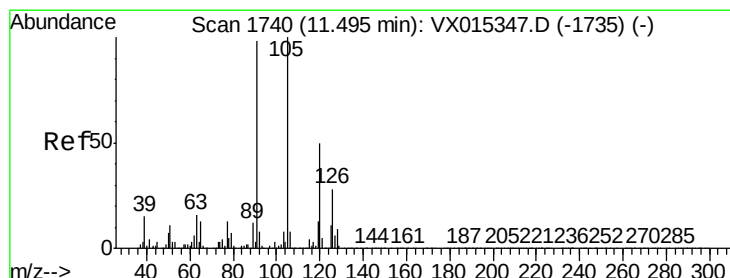
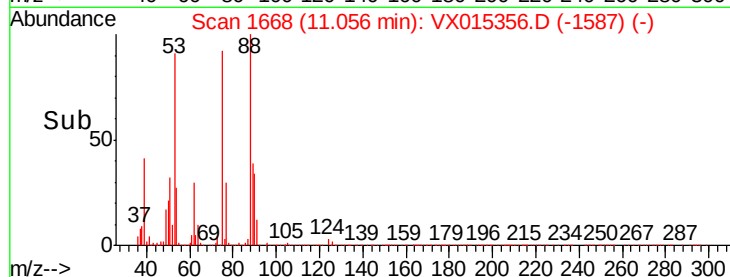
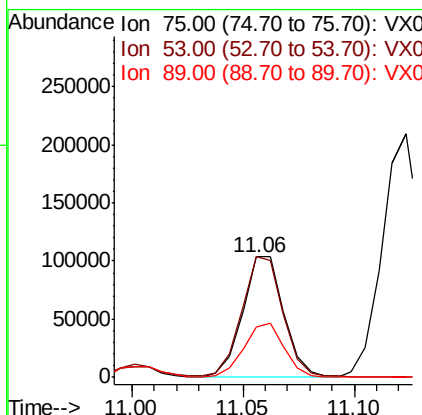
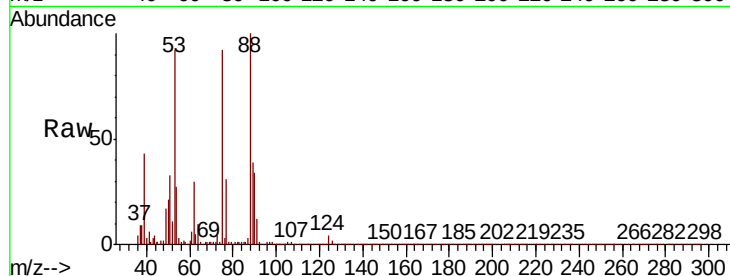


#77
t-1,4-Dichloro-2-butene
Concen: 18.076 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 132684

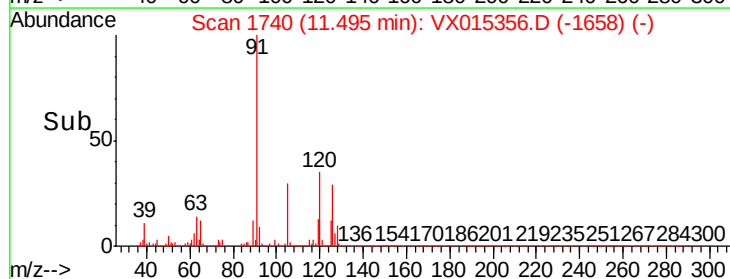
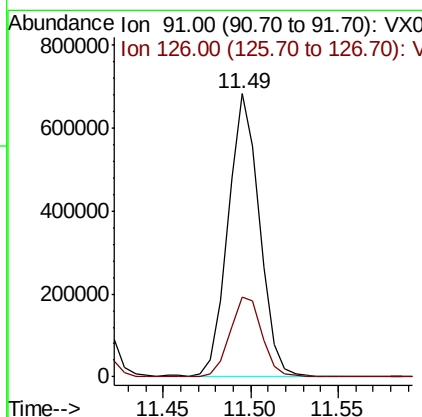
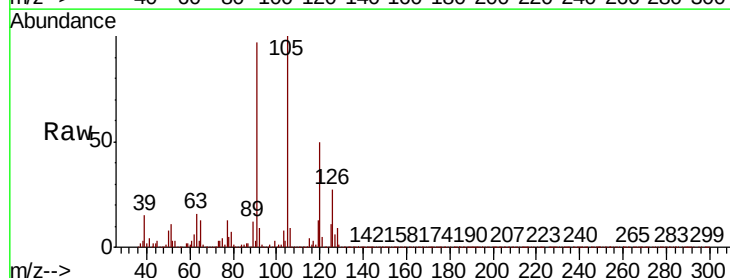
Ion	Ratio	Lower	Upper
75	100		
53	99.6	47.5	142.6
89	42.2	22.8	68.3

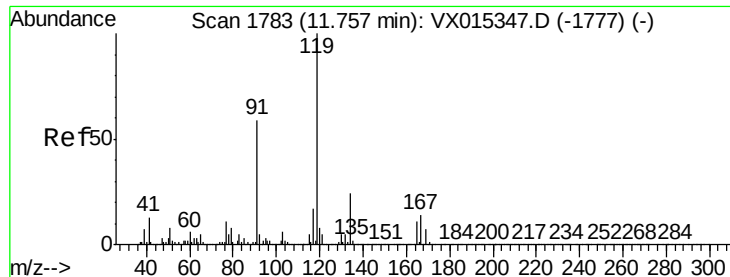


#78
4-Chlorotoluene
Concen: 18.711 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion: 91 Resp: 848166

Ion	Ratio	Lower	Upper
91	100		
126	28.8	0.0	57.8

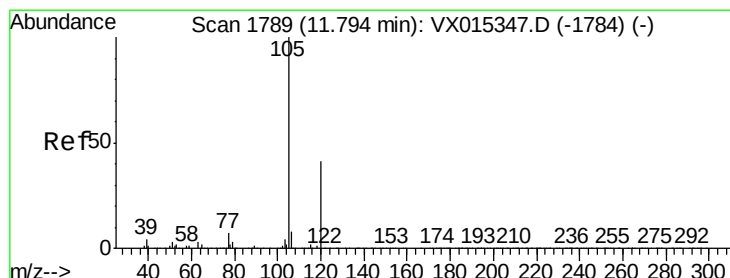
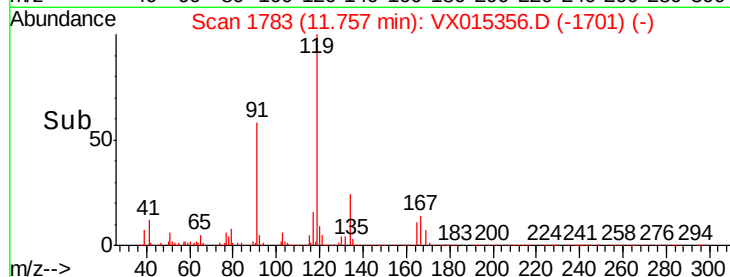
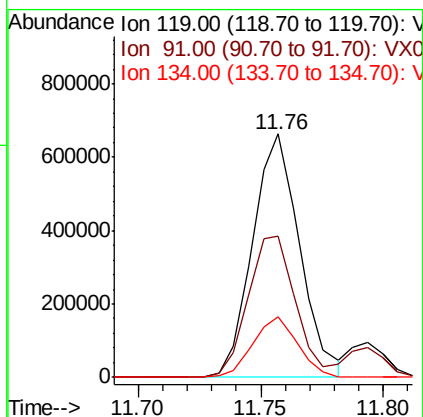
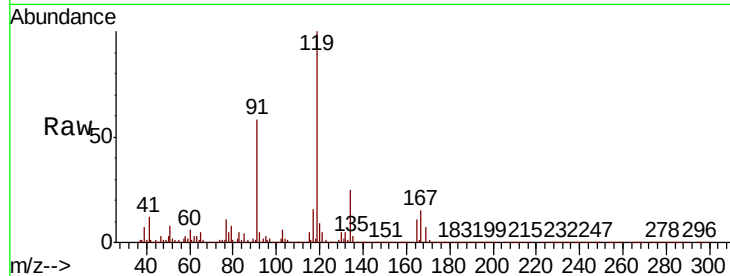




#79
tert-butylbenzene
Concen: 18.410 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

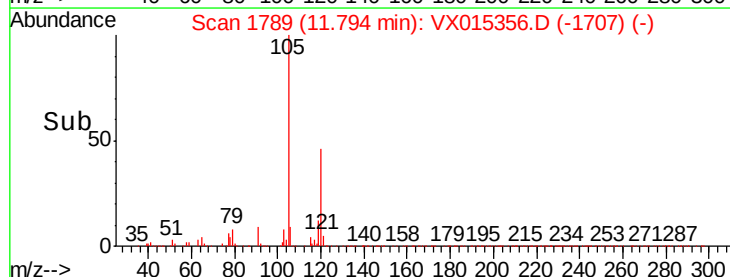
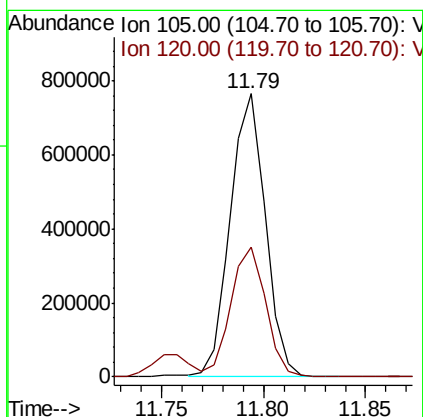
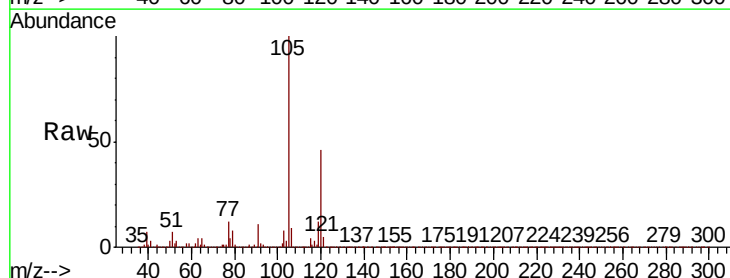
Instrument :
MSVOA_X
ClientSampled :

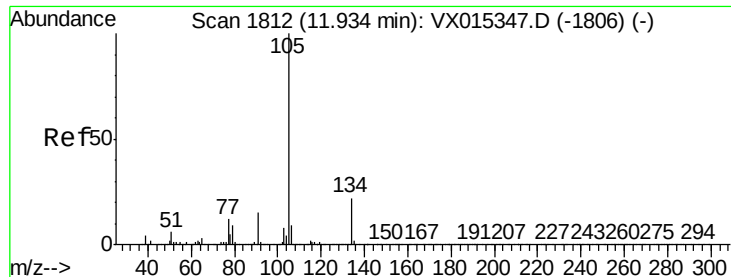
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	0.0	115.8
134	23.6	0.0	47.0



#80
1,2,4-Trimethylbenzene
Concen: 18.629 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	0.0	91.0





#81

sec-Butylbenzene

Concen: 18.736 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

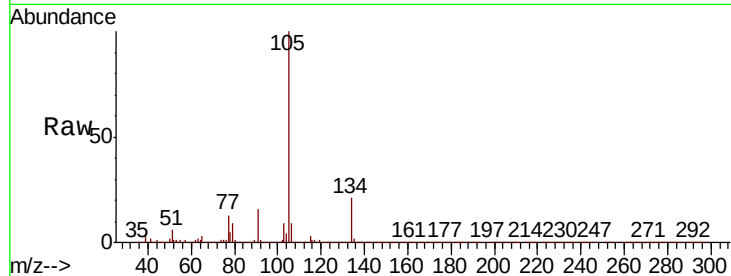
ClientSampleId :

Tot Ion:105 Resp: 1036074

Ion Ratio Lower Upper

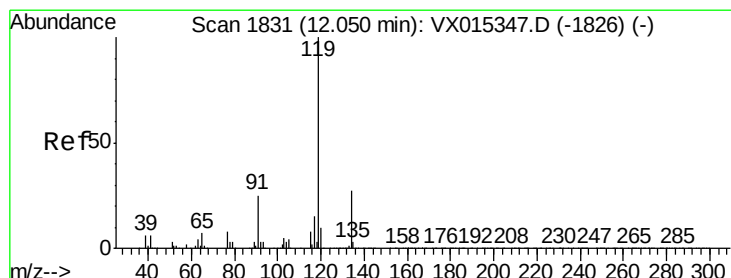
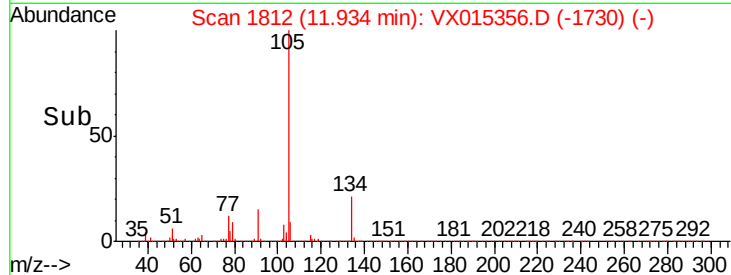
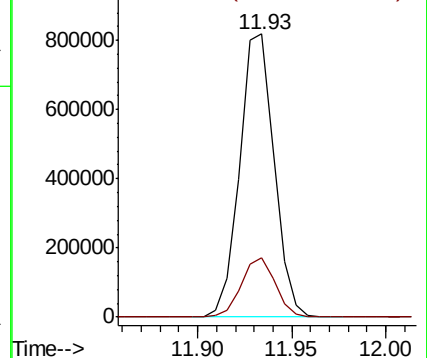
105 100

134 20.7 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.640 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

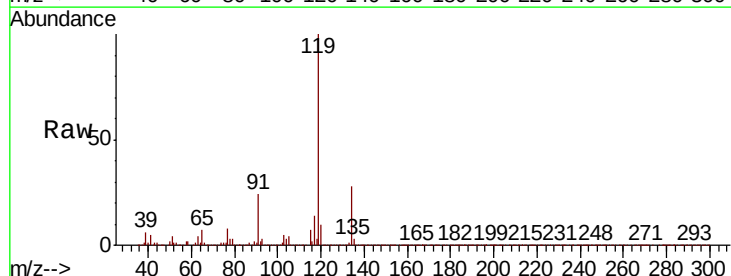
Tgt Ion:119 Resp: 971542

Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.2

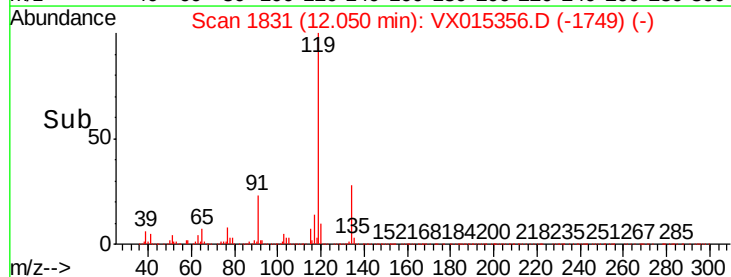
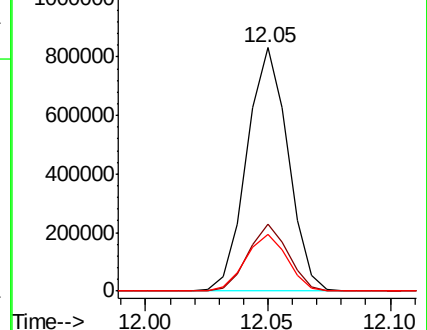
91 23.6 0.0 48.2

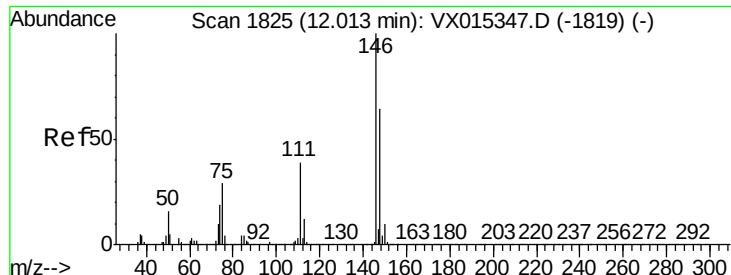


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 18.257 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

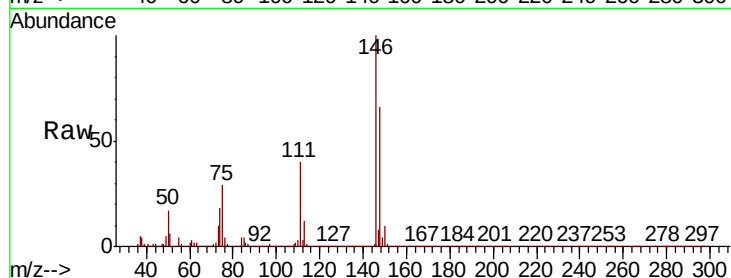
Tot Ion:146 Resp: 494964

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

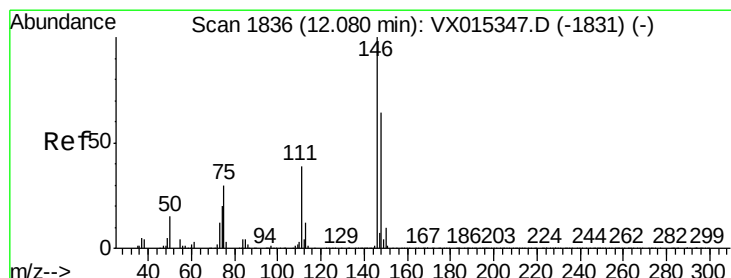
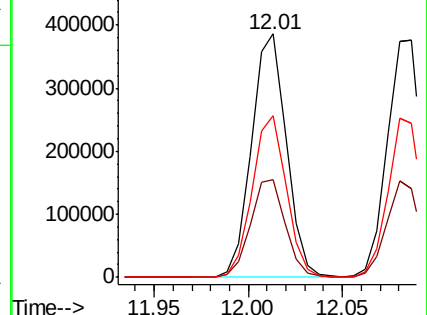
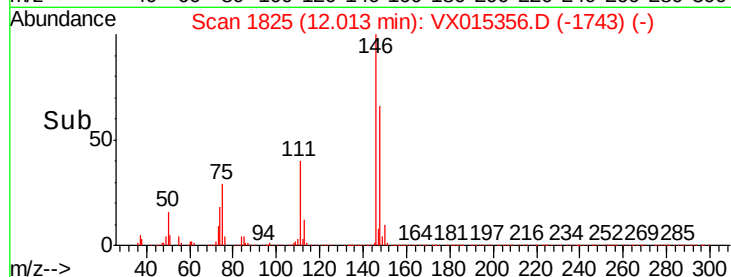
148 65.2 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.331 ug/l

RT: 12.09 min Scan# 1837

Delta R.T. 0.01 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

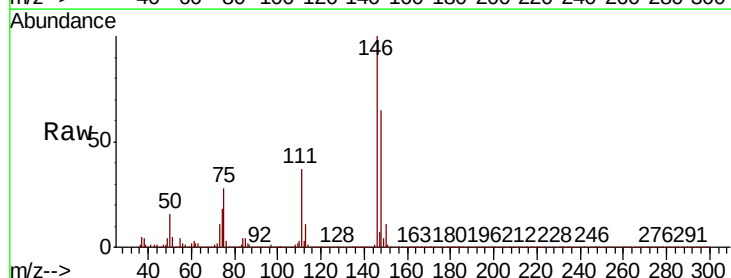
Tgt Ion:146 Resp: 495947

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.9

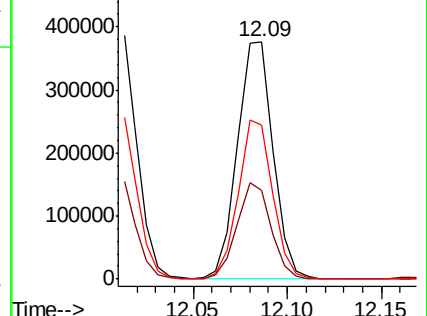
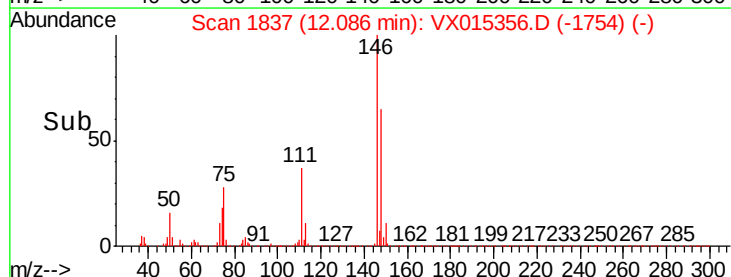
148 64.5 31.4 94.3

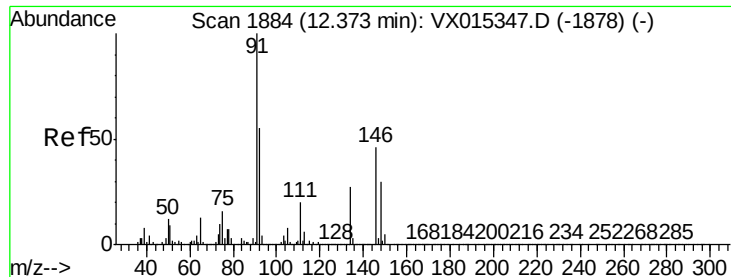


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.970 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :

MSVOA_X

ClientSampled :

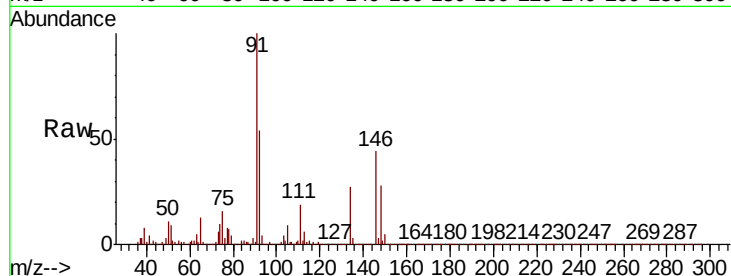
Tot Ion: 91 Resp: 881254

Ion Ratio Lower Upper

91 100

92 54.3 0.0 109.0

134 27.1 0.0 54.0

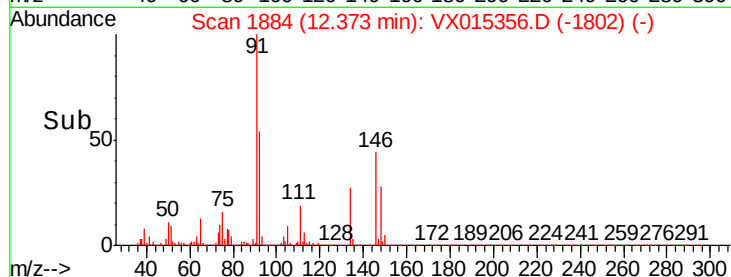


Abundance Ion 91.00 (90.70 to 91.70): VX015347.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX015347.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX015347.D (-1878) (-)

Time-->

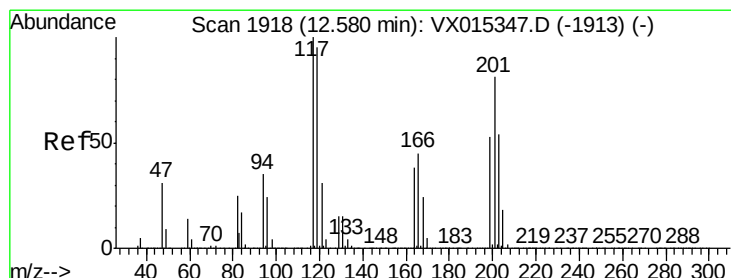


Abundance Ion 91.00 (90.70 to 91.70): VX015356.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX015356.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX015356.D (-1802) (-)

Time-->



#86

Hexachloroethane

Concen: 18.276 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015356.D

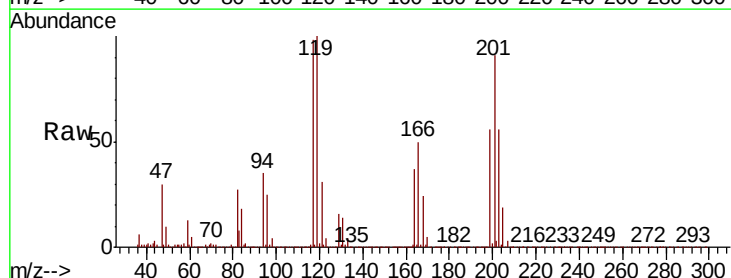
Acq: 26 Mar 2020 13:16

Tgt Ion: 117 Resp: 184099

Ion Ratio Lower Upper

117 100

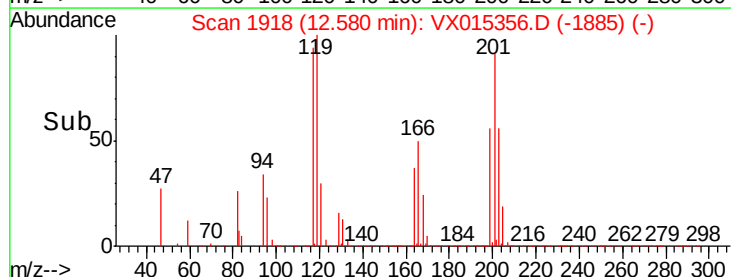
201 90.9 44.9 134.5



Abundance Ion 117.00 (116.70 to 117.70): VX015347.D (-1913) (-)

Ion 201.00 (200.70 to 201.70): VX015347.D (-1913) (-)

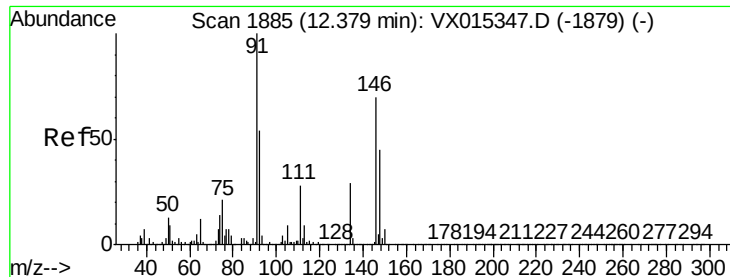
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VX015356.D (-1885) (-)

Ion 201.00 (200.70 to 201.70): VX015356.D (-1885) (-)

Time-->



#87

1,2-Dichlorobenzene

Concen: 18.253 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

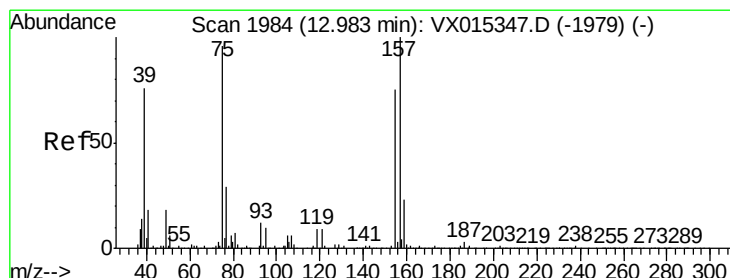
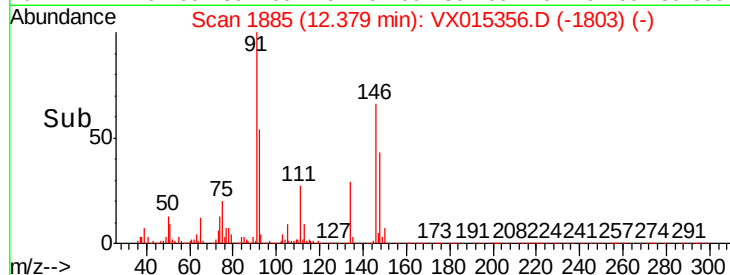
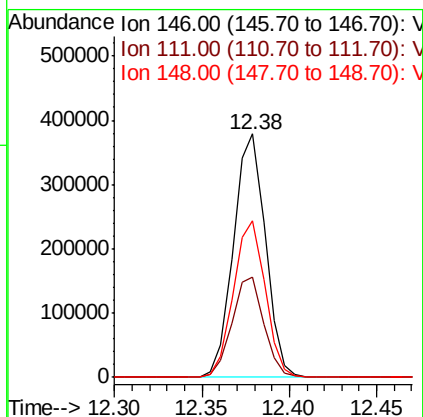
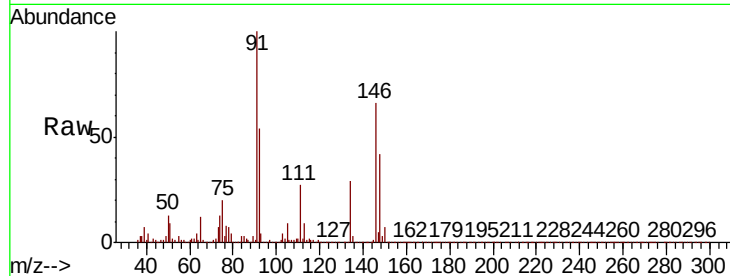
Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 482782

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	63.9	31.9	95.9



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.199 ug/l

RT: 12.98 min Scan# 1984

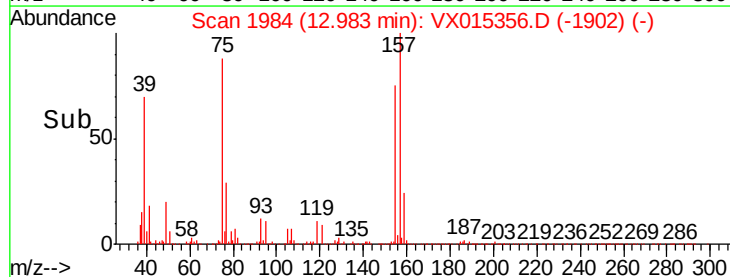
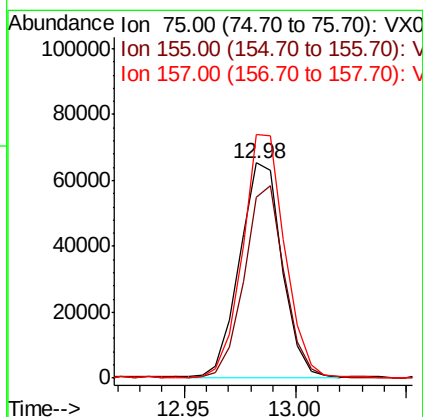
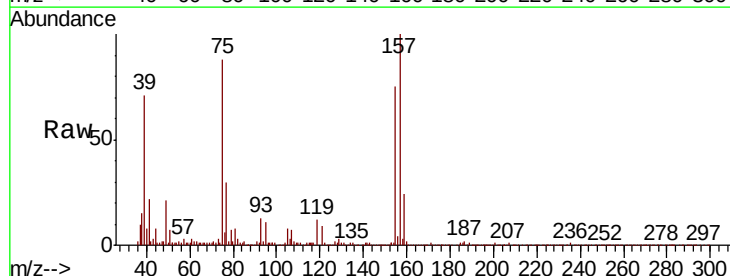
Delta R.T. 0.00 min

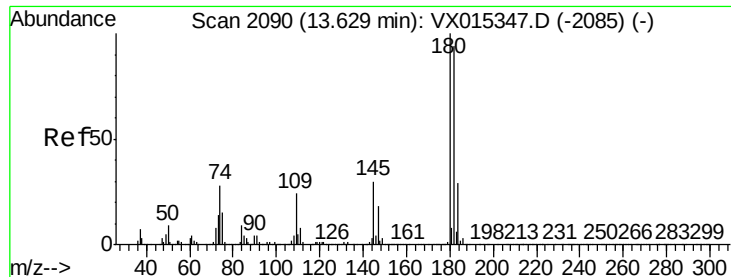
Lab File: VX015356.D

Acq: 26 Mar 2020 13:16

Tgt Ion: 75 Resp: 87264

Ion	Ratio	Lower	Upper
75	100		
155	84.6	67.7	101.5
157	113.1	88.5	132.7

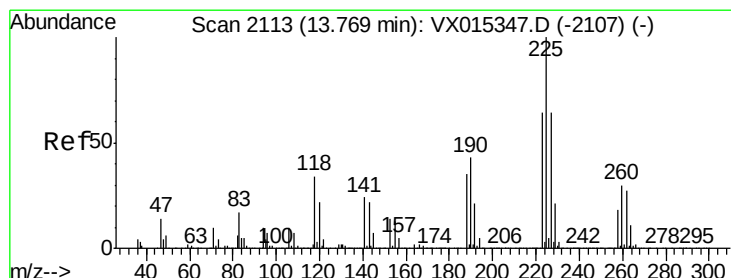
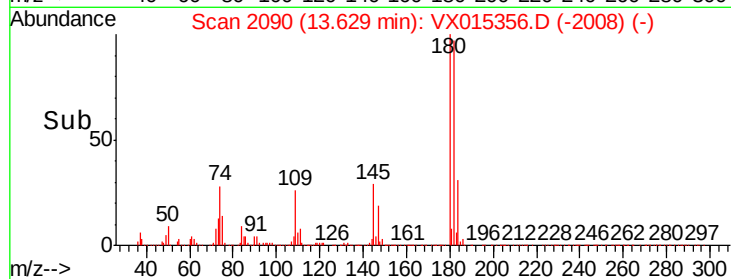
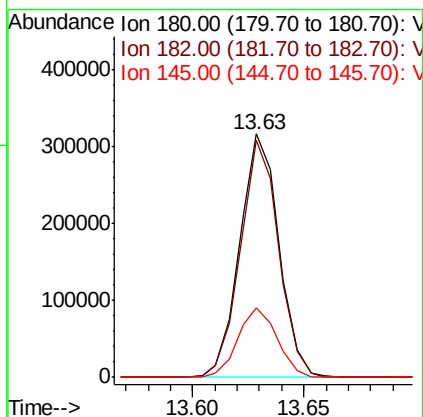
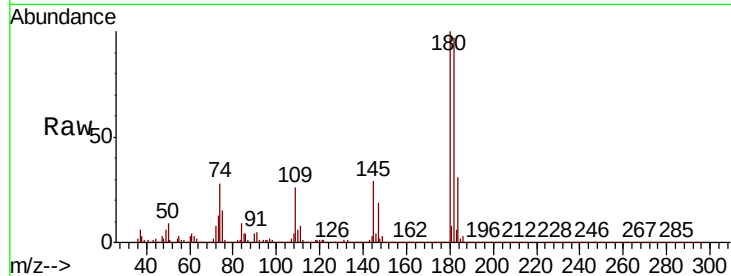




#89
 1,2,4-Trichlorobenzene
 Concen: 18.168 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

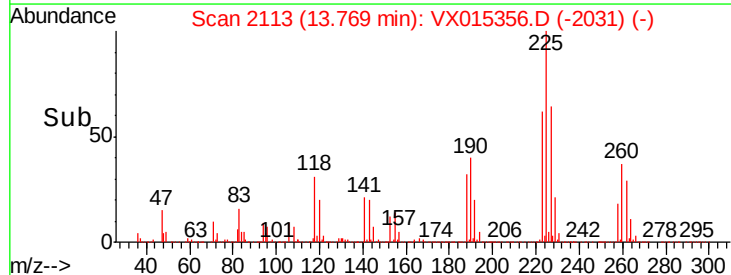
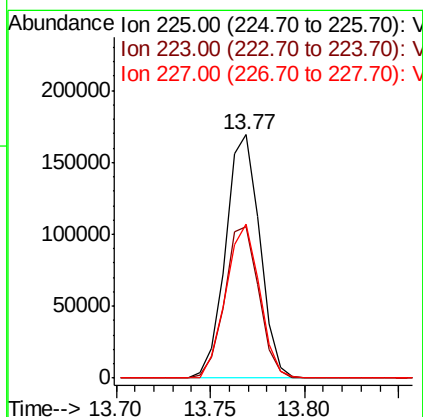
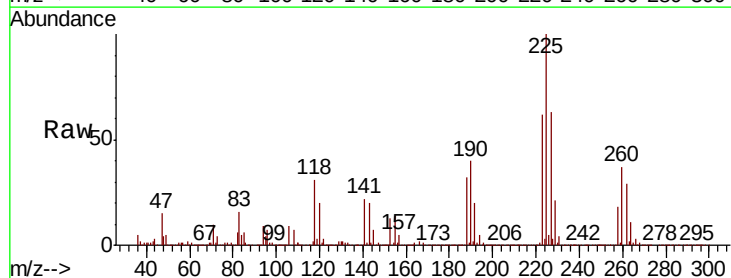
Instrument :
 MSVOA_X
 ClientSampleId :

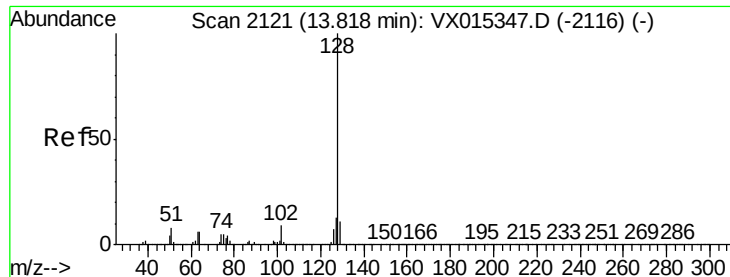
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	28.6	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 18.947 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015356.D
 Acq: 26 Mar 2020 13:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	127.0
227	62.4	0.0	126.8

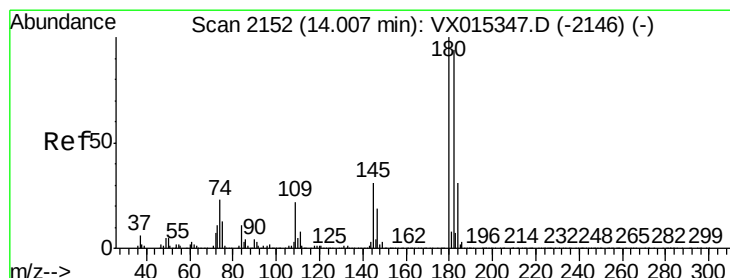
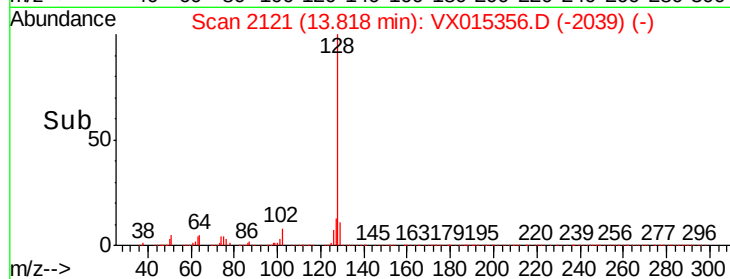
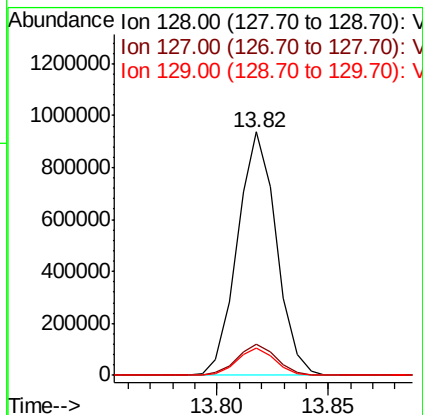
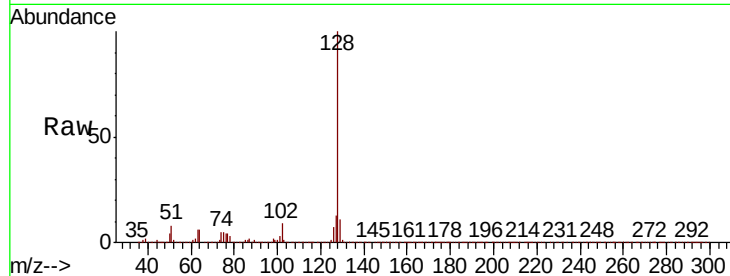




#91
Naphthalene
Concen: 18.418 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1136329
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 17.706 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015356.D
Acq: 26 Mar 2020 13:16

Tgt Ion:180 Resp: 374767
Ion Ratio Lower Upper
180 100
182 99.4 0.0 191.0
145 31.6 0.0 62.2

