

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015615.D
 Acq On : 10 Apr 2020 12:55
 Operator : JC/SP
 Sample : VX0410WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 00:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1193777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1795745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1632221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	882851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	780805	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	5.47	113	578027	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.70	98	2105924	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.12	95	849288	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	196766	18.709	ug/l	100
3) Chloromethane	1.31	50	234270	17.491	ug/l	98
4) Vinyl Chloride	1.39	62	234290	19.050	ug/l	100
5) Bromomethane	1.63	94	148149	21.527	ug/l	98
6) Chloroethane	1.72	64	149453	19.594	ug/l	100
7) Trichlorofluoromethane	1.92	101	335702	20.354	ug/l	97
8) Diethyl Ether	2.17	74	135986	19.547	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212702	19.782	ug/l	97
10) Methyl Iodide	2.49	142	261905	18.067	ug/l	98
11) Tert butyl alcohol	3.01	59	299839	74.402	ug/l	99
12) 1,1-Dichloroethene	2.36	96	212661	18.869	ug/l	95
13) Acrolein	2.27	56	104337	45.449	ug/l	99
14) Allyl chloride	2.71	41	470662	17.872	ug/l	96
15) Acrylonitrile	3.11	53	703225	91.500	ug/l	99
16) Acetone	2.42	43	801045	110.741	ug/l	99
17) Carbon Disulfide	2.55	76	574256	16.702	ug/l	98
18) Methyl Acetate	2.75	43	341549	18.500	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	821440	18.792	ug/l	100
20) Methylene Chloride	2.84	84	252171	18.664	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	232217	18.565	ug/l	97
22) Diisopropyl ether	3.83	45	893363	19.144	ug/l	97
23) Vinyl Acetate	3.78	43	3977869	94.150	ug/l	99
24) 1,1-Dichloroethane	3.67	63	450621	18.341	ug/l	99
25) 2-Butanone	4.64	43	1101240	94.665	ug/l	98
26) 2,2-Dichloropropane	4.56	77	416632	20.659	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	278046	19.214	ug/l	98
28) Bromochloromethane	4.98	49	206390	17.594	ug/l	98
29) Tetrahydrofuran	5.09	42	660573	88.329	ug/l	99
30) Chloroform	5.18	83	449999	19.037	ug/l	97
31) Cyclohexane	5.56	56	404144	18.961	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	415005	19.400	ug/l	100
36) 1,1-Dichloropropene	5.78	75	333347	20.147	ug/l	98
37) Ethyl Acetate	4.80	43	409319	18.999	ug/l	99
38) Carbon Tetrachloride	5.76	117	363167	20.265	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 00:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	399816	20.958	ug/l	96
40) Benzene	6.12	78	966591	19.943	ug/l	99
41) Methacrylonitrile	5.01	41	237690	19.875	ug/l	99
42) 1,2-Dichloroethane	6.17	62	402845	20.692	ug/l	99
43) Isopropyl Acetate	6.42	43	700443	19.260	ug/l	100
44) Trichloroethene	7.19	130	273734	20.709	ug/l	94
45) 1,2-Dichloropropane	7.50	63	257513	19.422	ug/l	100
46) Dibromomethane	7.64	93	172502	19.834	ug/l	97
47) Bromodichloromethane	7.88	83	364081	19.646	ug/l	96
48) Methyl methacrylate	7.75	41	347187	19.112	ug/l	99
49) 1,4-Dioxane	7.72	88	110855	327.125	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2047349	99.335	ug/l	99
52) Toluene	8.77	92	621365	20.794	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	413431	19.021	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	440841	19.911	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	256070	20.917	ug/l	95
56) Ethyl methacrylate	9.16	69	420354	19.483	ug/l	99
57) 1,3-Dichloropropane	9.36	76	440495	19.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1032065	98.343	ug/l	100
59) 2-Hexanone	9.47	43	1591169	102.257	ug/l	100
60) Dibromochloromethane	9.57	129	297018	20.190	ug/l	99
61) 1,2-Dibromoethane	9.65	107	263524	19.796	ug/l	96
64) Tetrachloroethene	9.32	164	257884	20.936	ug/l	97
65) Chlorobenzene	10.12	112	677779	20.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	264919	20.371	ug/l	99
67) Ethyl Benzene	10.24	91	1197089	20.735	ug/l	99
68) m/p-Xylenes	10.34	106	912864	42.463	ug/l	99
69) o-Xylene	10.68	106	445559	20.974	ug/l	100
70) Styrene	10.70	104	757105	20.253	ug/l	99
71) Bromoform	10.84	173	219920	18.577	ug/l #	96
73) Isopropylbenzene	11.00	105	1178984	20.381	ug/l	98
74) N-amyl acetate	10.88	43	600311	18.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	386512	19.472	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	455061	25.065	ug/l	84
77) Bromobenzene	11.24	156	316407	20.506	ug/l	96
78) n-propylbenzene	11.34	91	1348834	20.392	ug/l	99
79) 2-Chlorotoluene	11.40	91	812398	20.038	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1015242	20.550	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	133978	17.707	ug/l	97
82) 4-Chlorotoluene	11.50	91	965290	20.310	ug/l	99
83) tert-Butylbenzene	11.76	119	1004907	20.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1018200	20.225	ug/l	97
85) sec-Butylbenzene	11.93	105	1162441	20.829	ug/l	99
86) p-Isopropyltoluene	12.05	119	1098149	21.195	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	553063	20.022	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	557137	19.802	ug/l	98
89) n-Butylbenzene	12.37	91	967327	20.661	ug/l	99
90) Hexachloroethane	12.58	117	185421	18.387	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	546474	20.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94110	16.798	ug/l	97

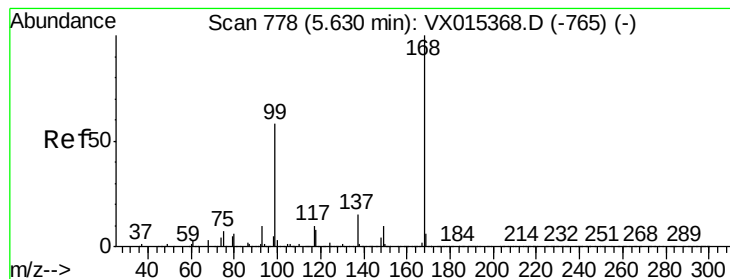
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
Data File : VX015615.D
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 11 00:30:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	446026	20.860	ug/l	97
94) Hexachlorobutadiene	13.77	225	199701	19.616	ug/l	98
95) Naphthalene	13.82	128	1310305	20.089	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	413801	20.100	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

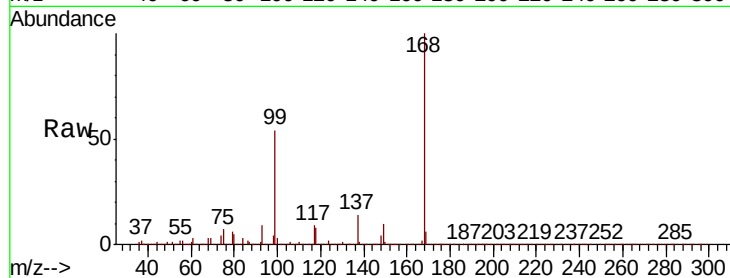
ClientSampleId :

Tot Ion:168 Resp: 1193777

Ion Ratio Lower Upper

168 100

99 54.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

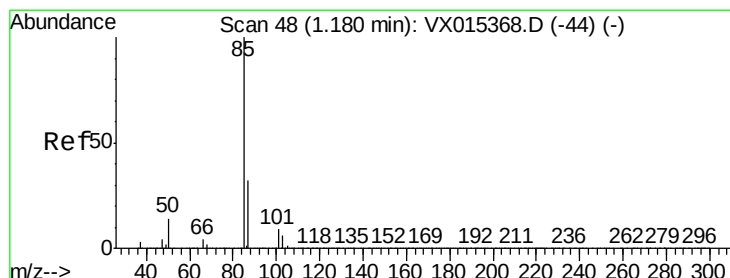
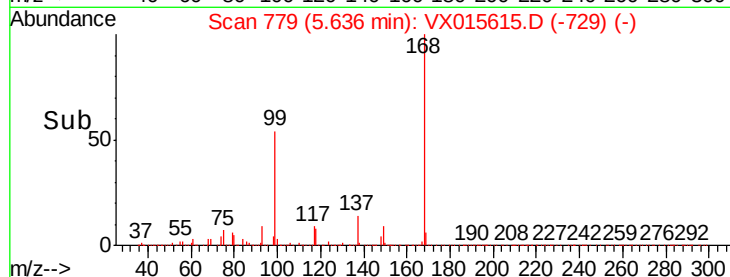
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.709 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015615.D

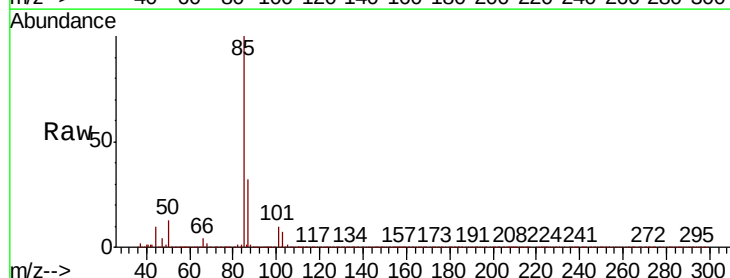
Acq: 10 Apr 2020 12:55

Tgt Ion: 85 Resp: 196766

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

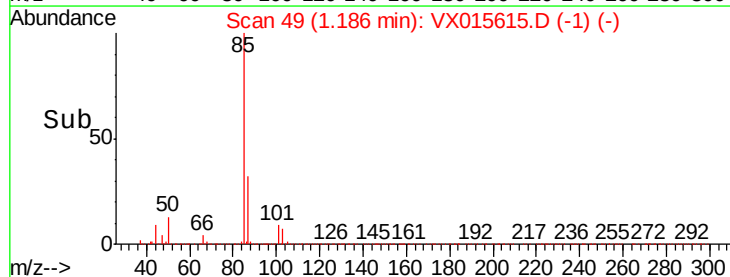
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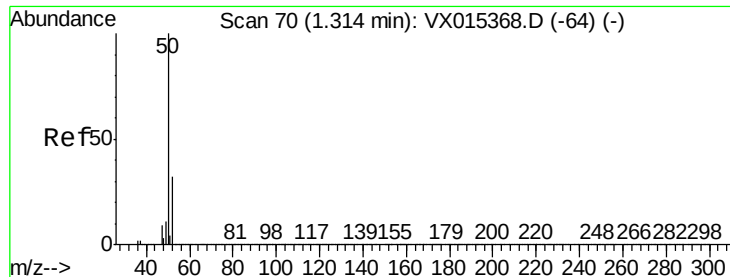
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0

Time-->

1.15 1.20 1.25

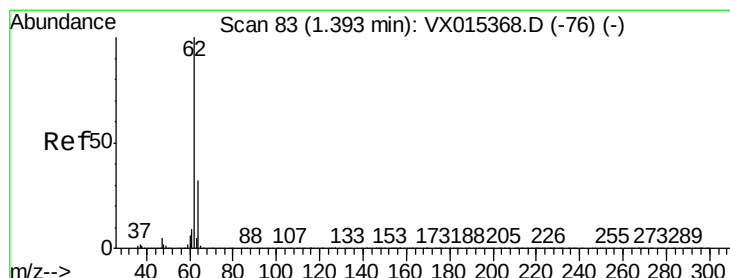
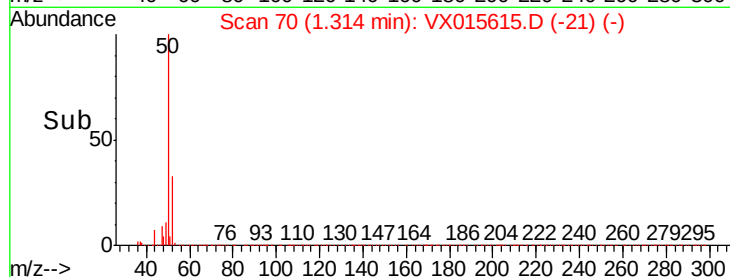
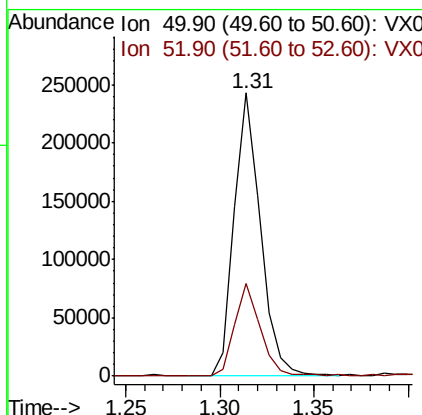
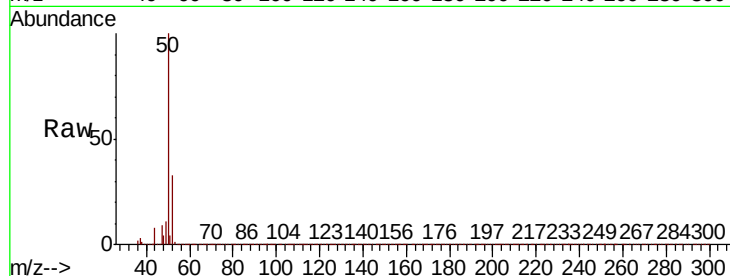




#3
Chloromethane
Concen: 17.491 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

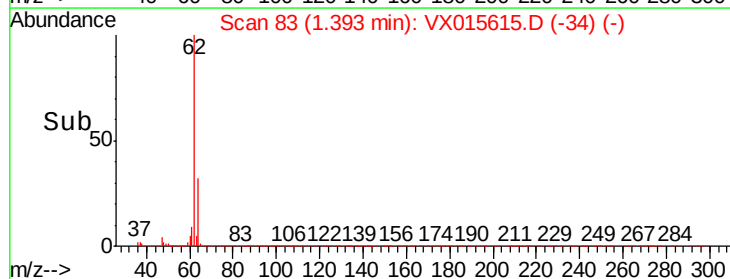
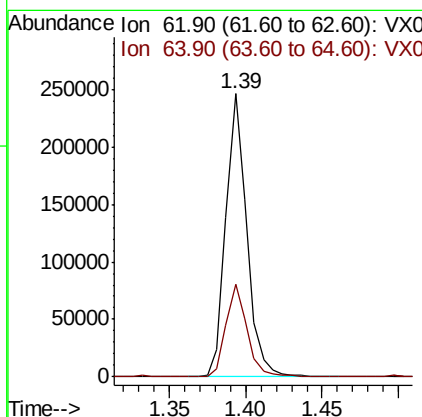
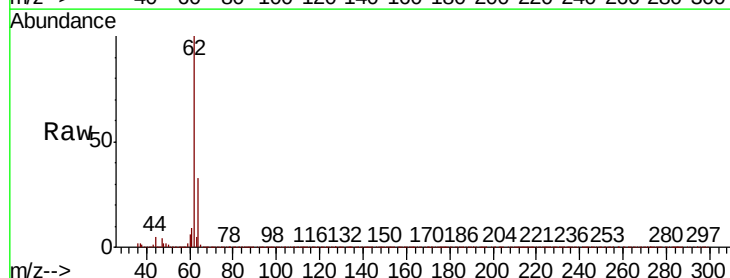
Instrument :
MSVOA_X
ClientSampleId :

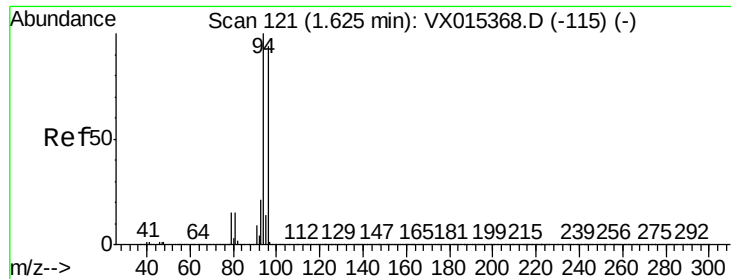
Tot Ion: 50 Resp: 234270
Ion Ratio Lower Upper
50 100
52 32.6 25.3 37.9



#4
Vinyl Chloride
Concen: 19.050 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion: 62 Resp: 234290
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5

Bromomethane

Concen: 21.527 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

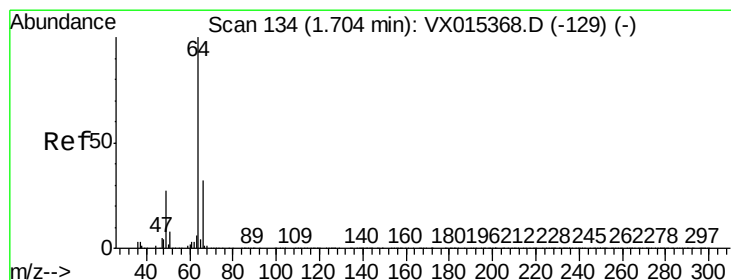
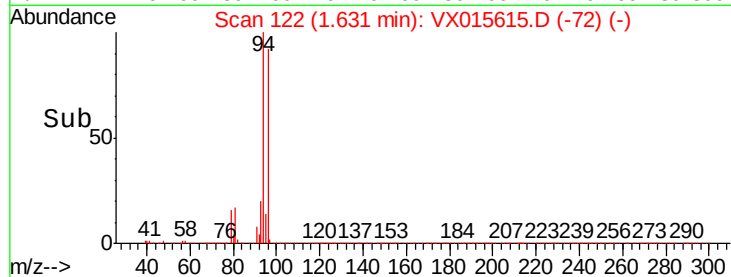
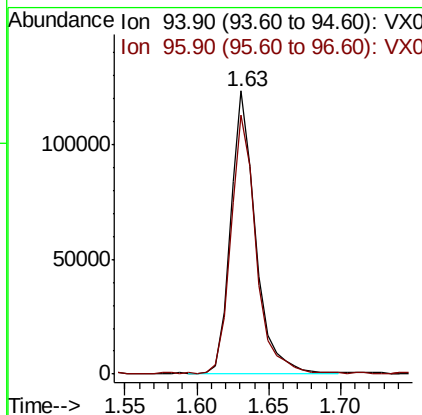
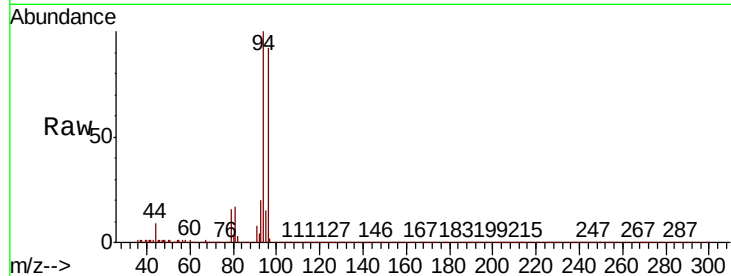
ClientSampled :

Tot Ion: 94 Resp: 148149

Ion Ratio Lower Upper

94 100

96 91.5 74.8 112.2



#6

Chloroethane

Concen: 19.594 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015615.D

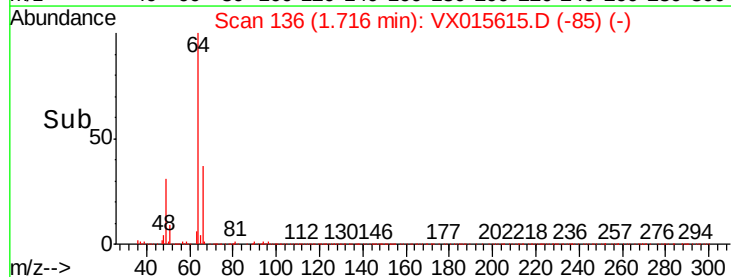
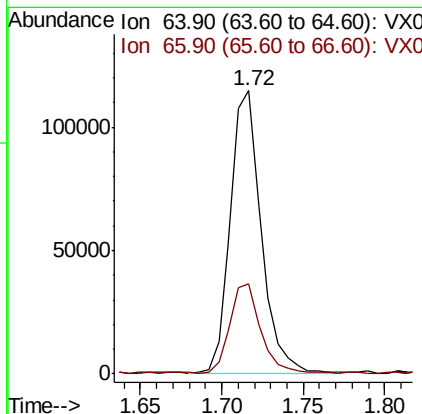
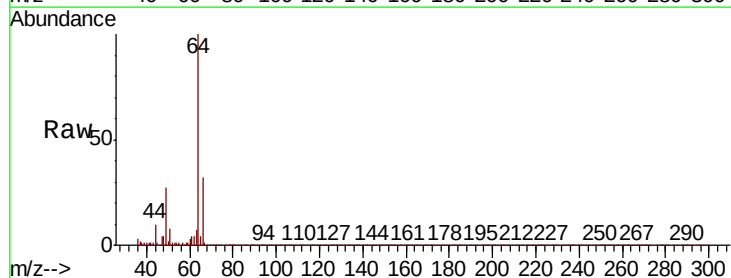
Acq: 10 Apr 2020 12:55

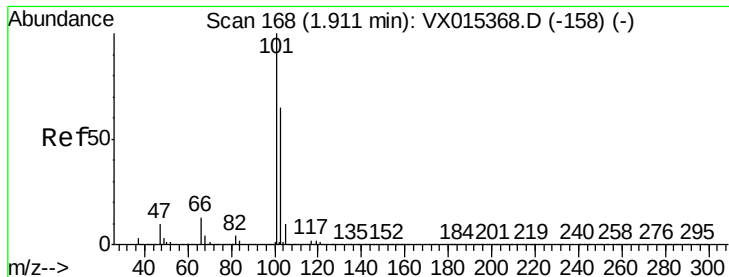
Tgt Ion: 64 Resp: 149453

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.2



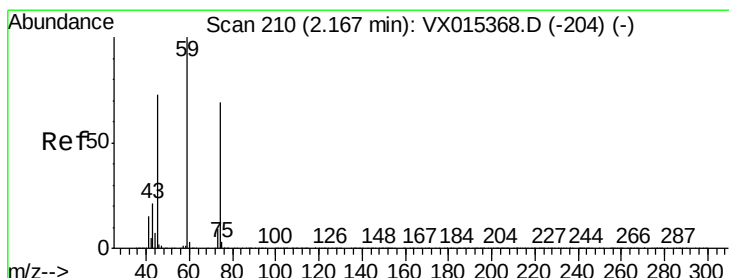
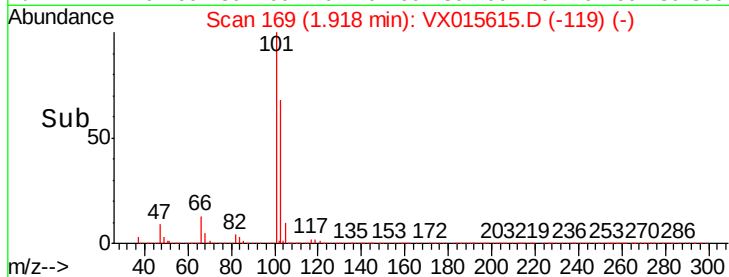
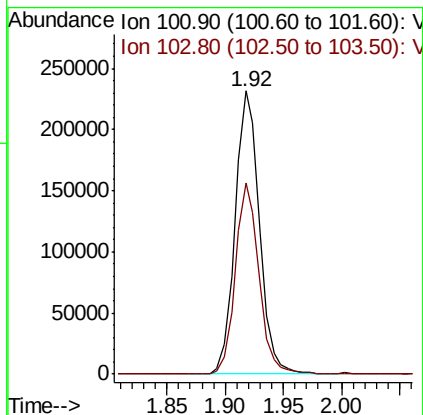
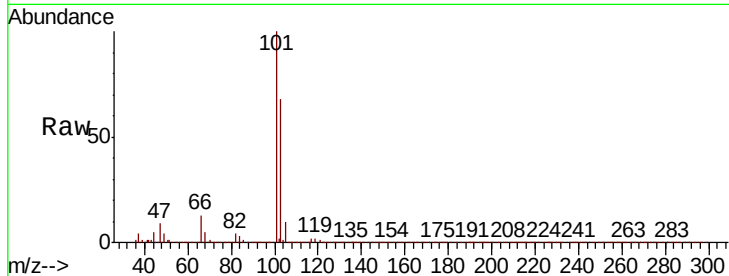


#7

Trichlorofluoromethane
Concen: 20.354 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :

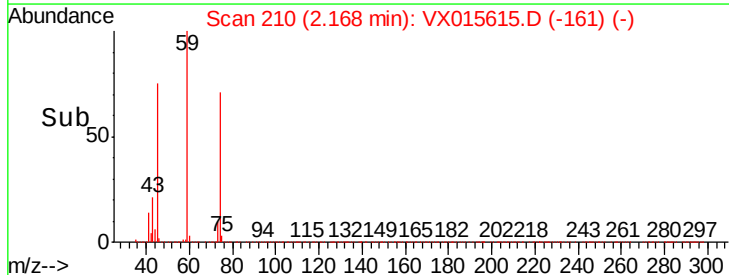
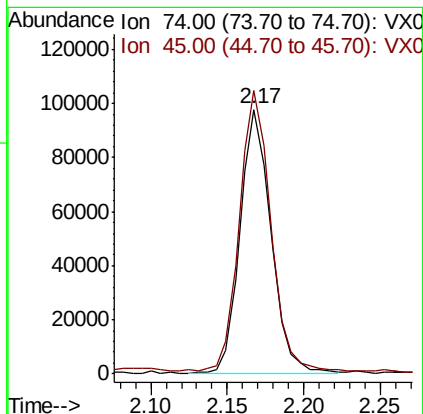
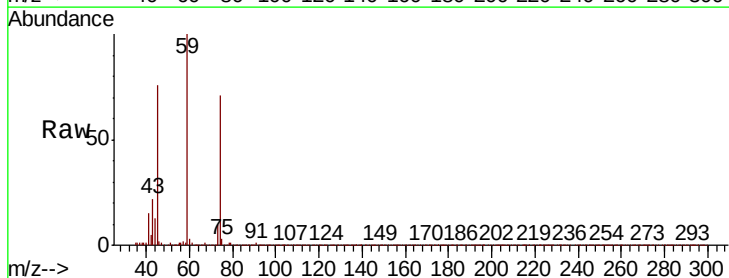
Tot Ion:101 Resp: 335702
Ion Ratio Lower Upper
101 100
103 67.6 52.3 78.5

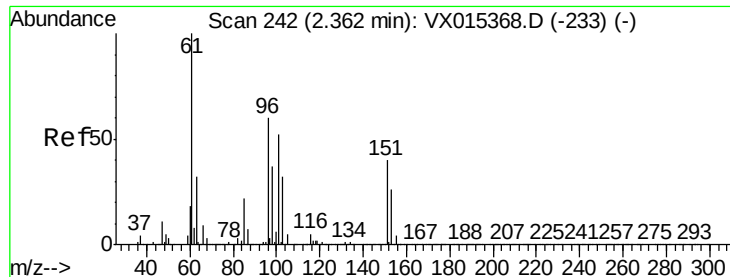


#8

Diethyl Ether
Concen: 19.547 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion: 74 Resp: 135986
Ion Ratio Lower Upper
74 100
45 108.1 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.782 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

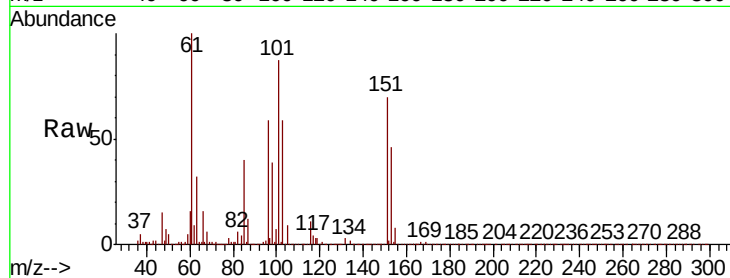
Tot Ion:101 Resp: 212702

Ion Ratio Lower Upper

101 100

85 45.7 35.0 52.4

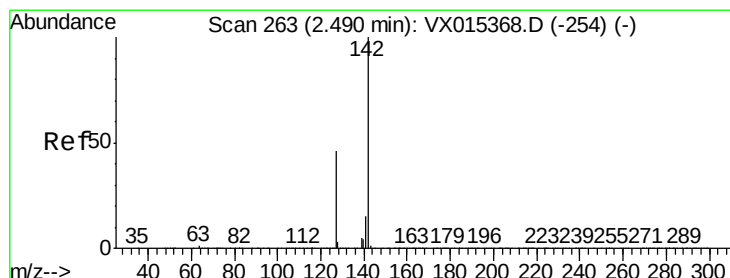
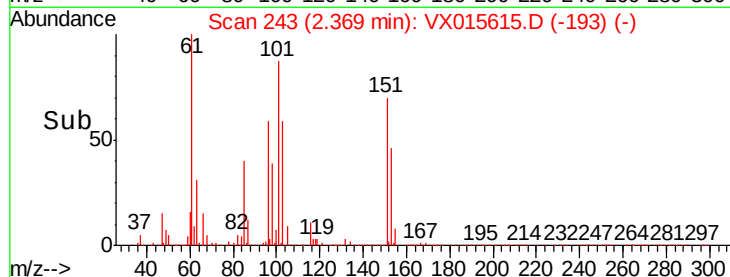
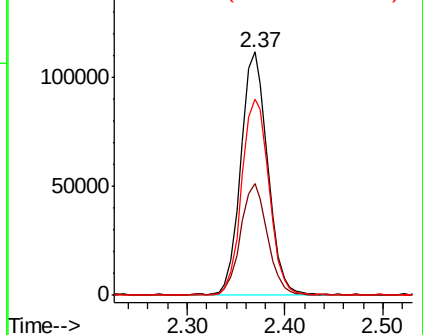
151 82.3 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.067 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

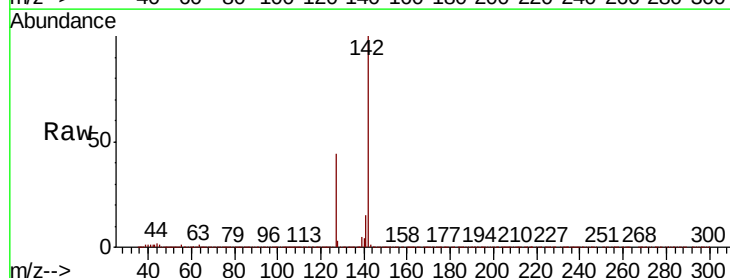
Tgt Ion:142 Resp: 261905

Ion Ratio Lower Upper

142 100

127 46.0 35.9 53.9

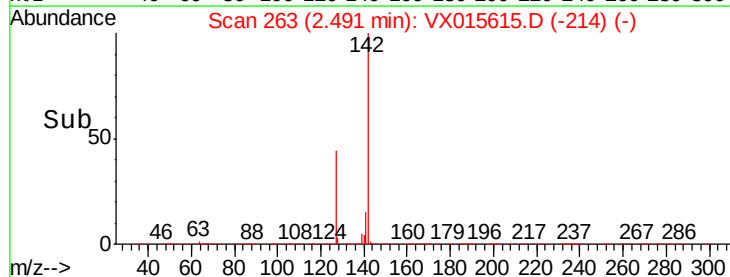
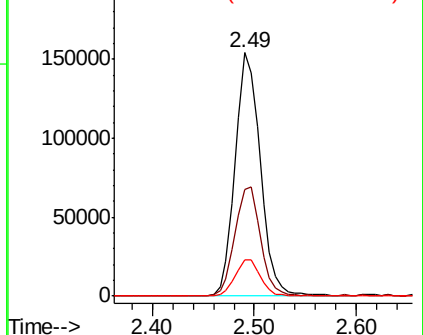
141 15.0 11.6 17.4

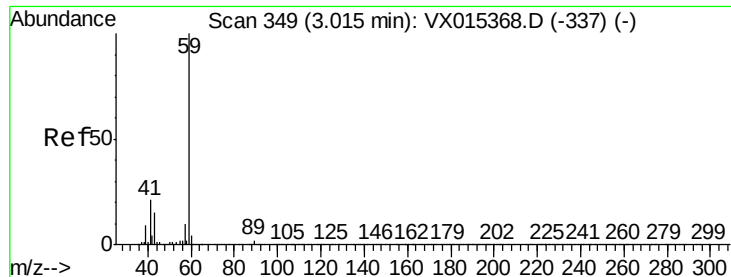


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



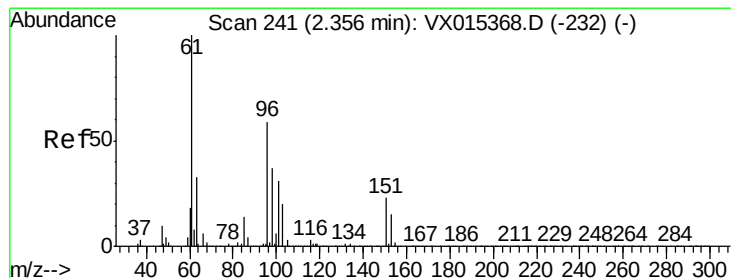
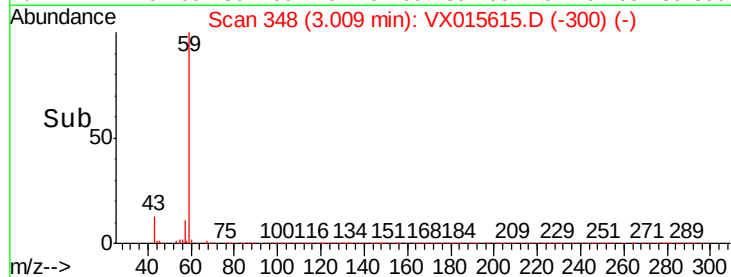
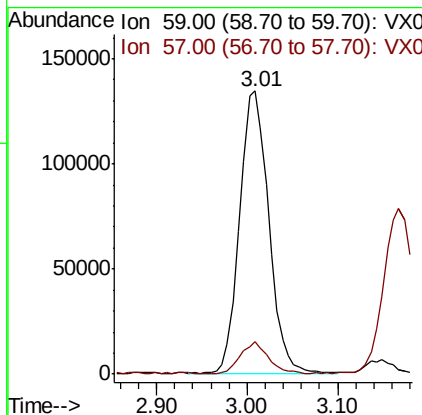
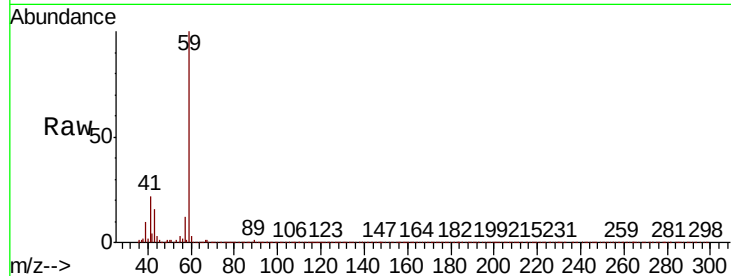


#11

Tert butyl alcohol
 Concen: 74.402 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :

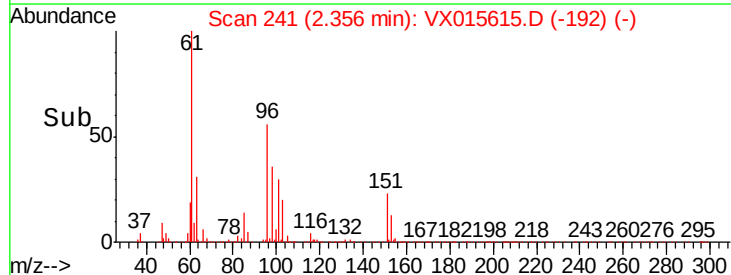
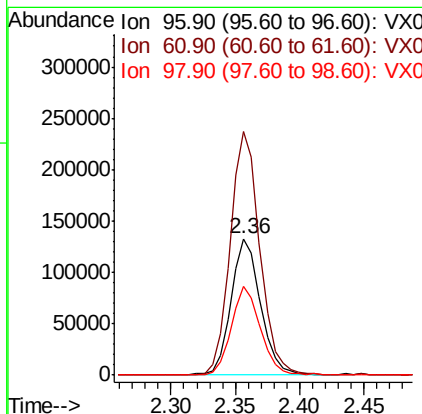
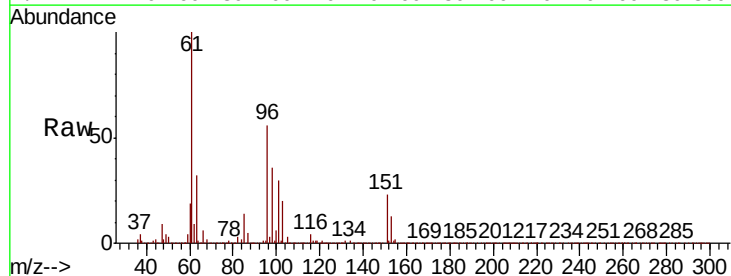
Tot Ion: 59 Resp: 299839
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.1 12.1

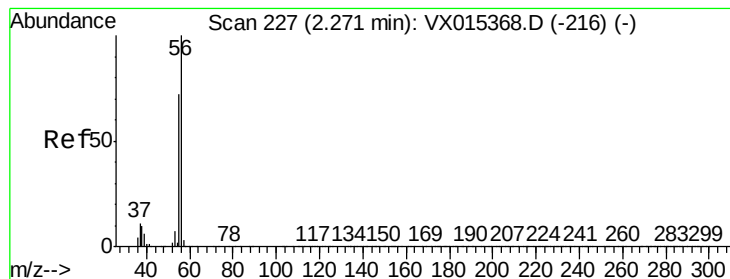


#12

1,1-Dichloroethene
 Concen: 18.869 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion: 96 Resp: 212661
 Ion Ratio Lower Upper
 96 100
 61 178.1 135.7 203.5
 98 64.5 50.6 75.8





#13

Acrolein

Concen: 45.449 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

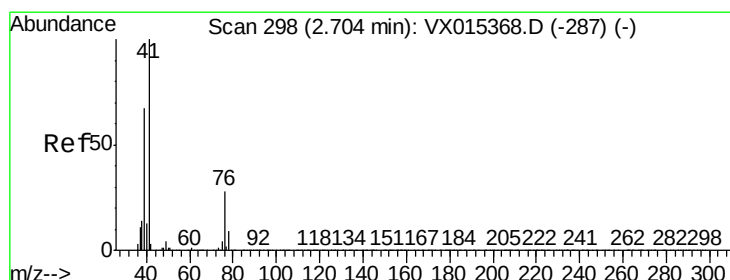
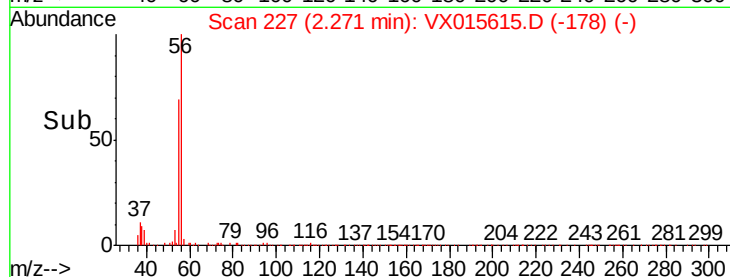
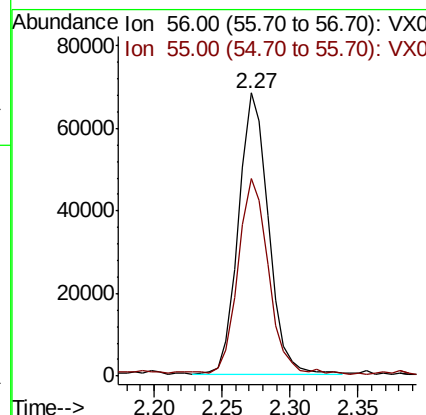
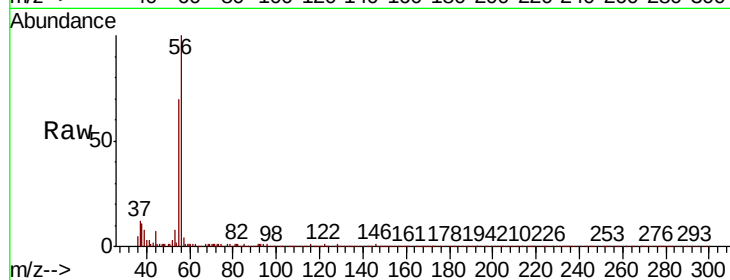
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 104337

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 17.872 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

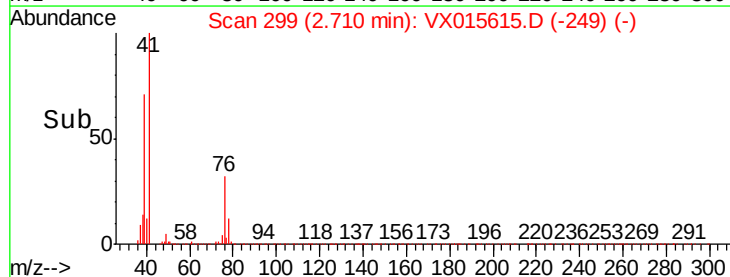
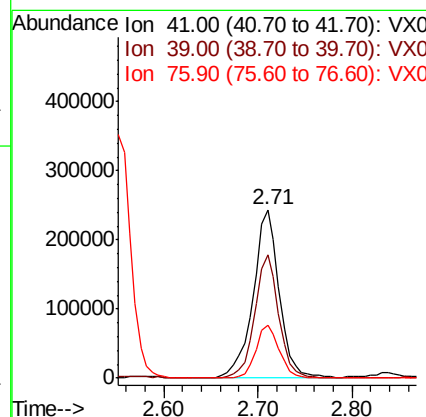
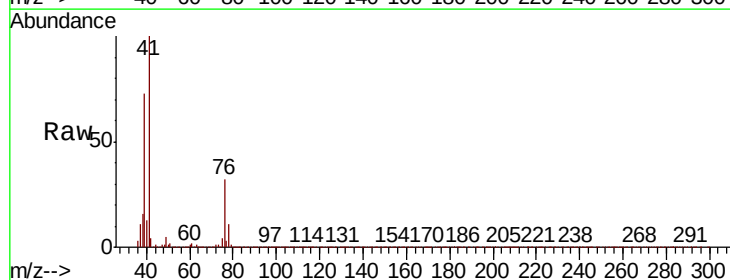
Tgt Ion: 41 Resp: 470662

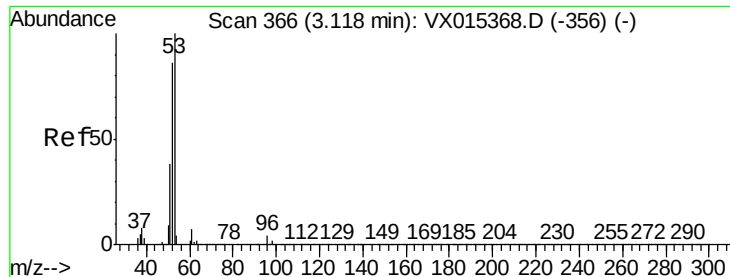
Ion Ratio Lower Upper

41 100

39 67.5 51.4 77.0

76 28.6 21.8 32.8

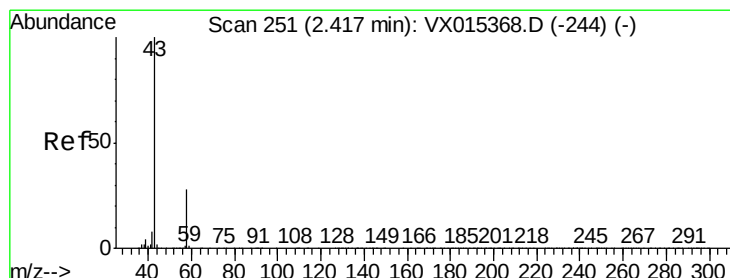
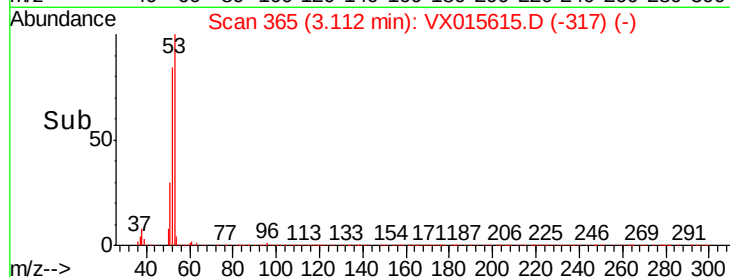
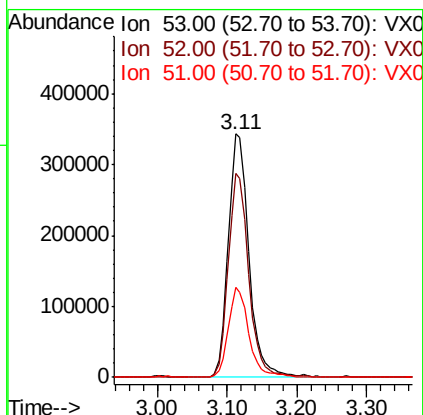
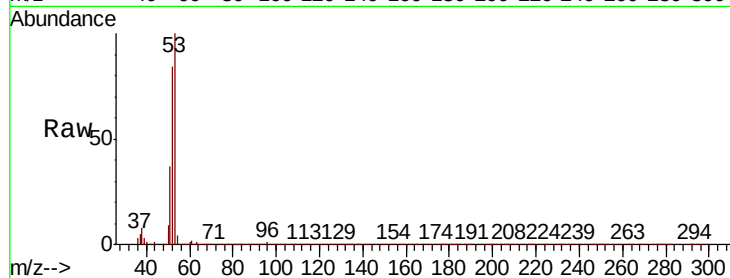




#15
 Acrylonitrile
 Concen: 91.500 ug/l
 RT: 3.11 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

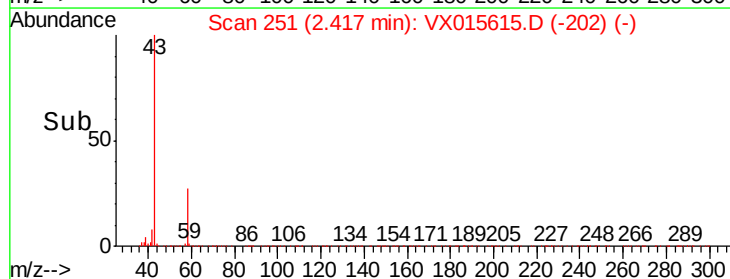
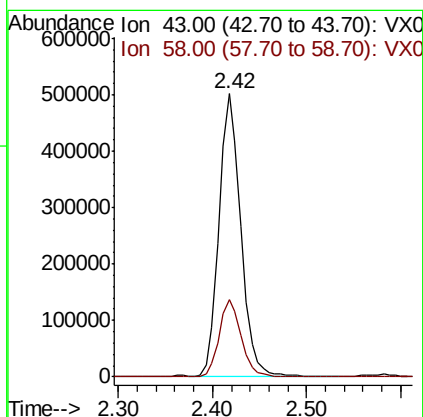
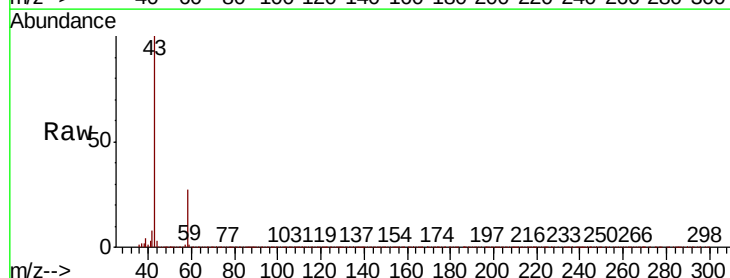
Instrument :
 MSVOA_X
 ClientSampleId :

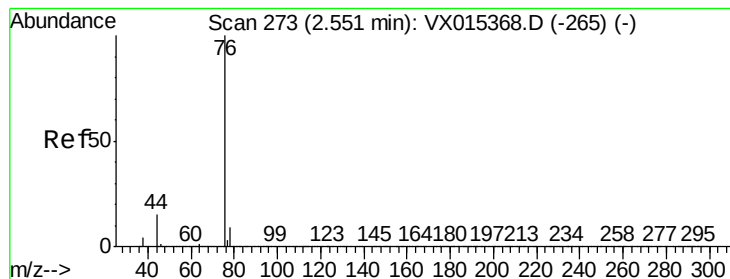
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.8	100.2
51	37.2	29.5	44.3



#16
 Acetone
 Concen: 110.741 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.1	33.1





#17

Carbon Disulfide

Concen: 16.702 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

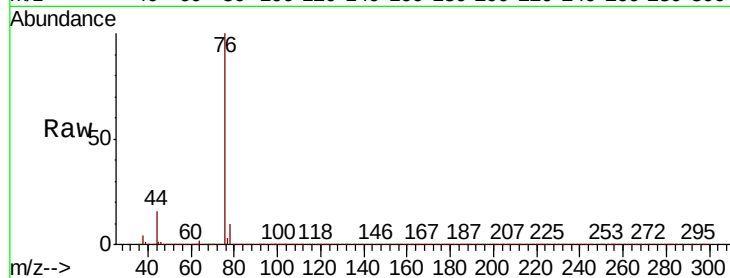
ClientSampleId :

Tot Ion: 76 Resp: 574256

Ion Ratio Lower Upper

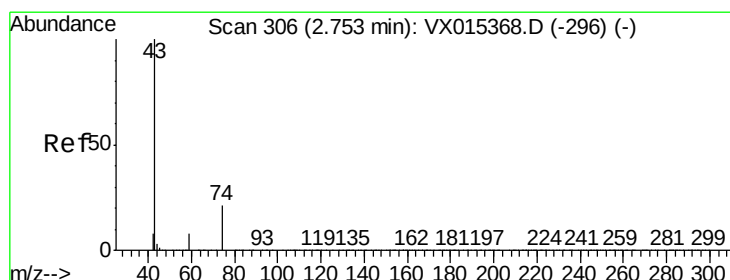
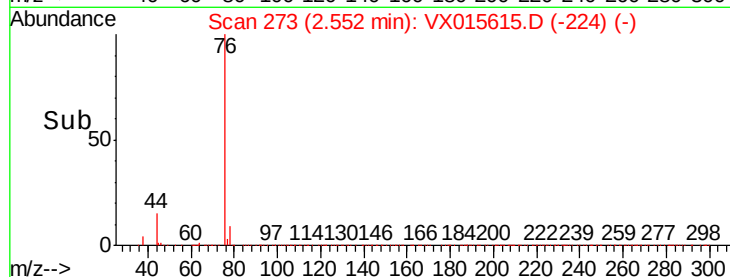
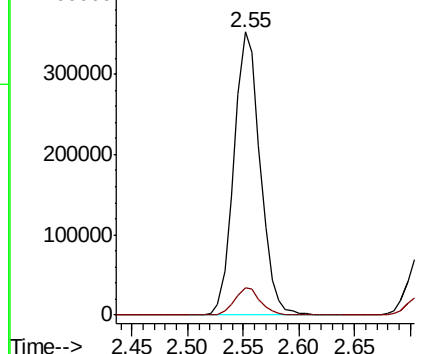
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.500 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015615.D

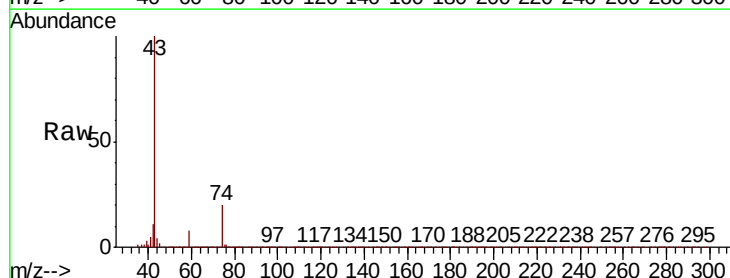
Acq: 10 Apr 2020 12:55

Tgt Ion: 43 Resp: 341549

Ion Ratio Lower Upper

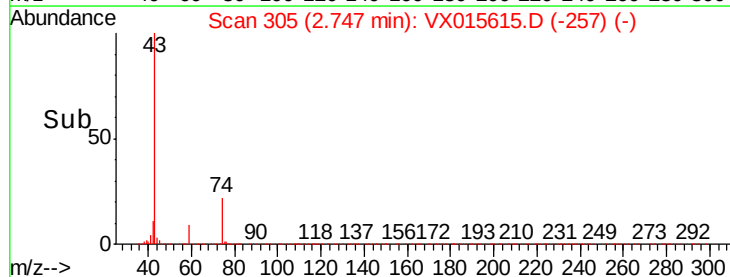
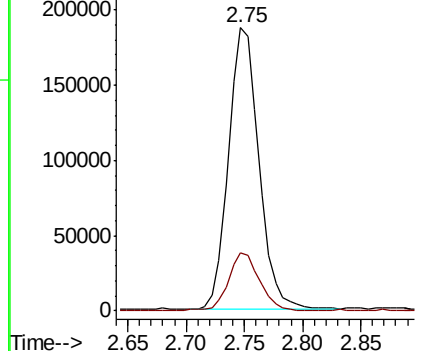
43 100

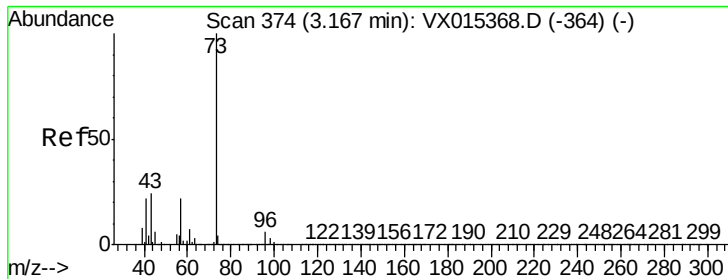
74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

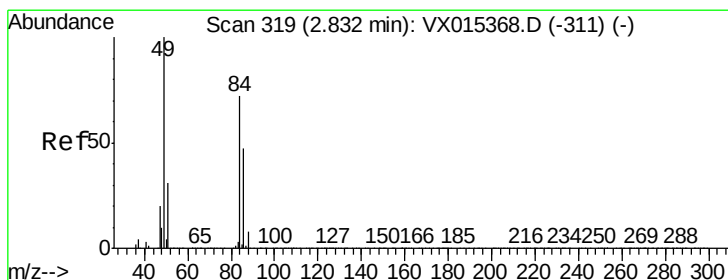
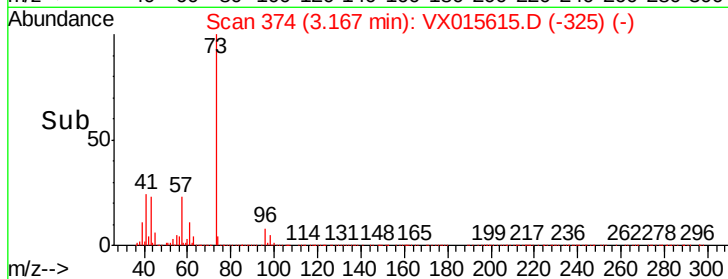
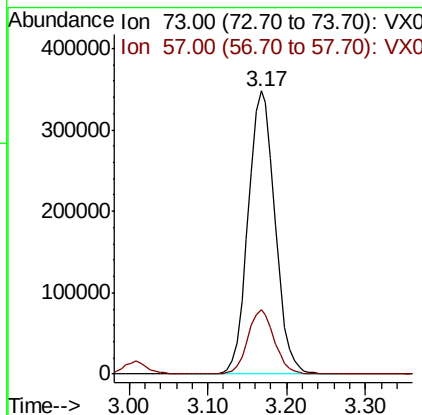
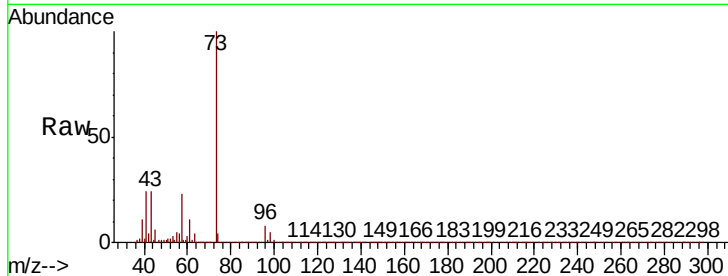




#19
Methyl tert-butyl Ether
Concen: 18.792 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

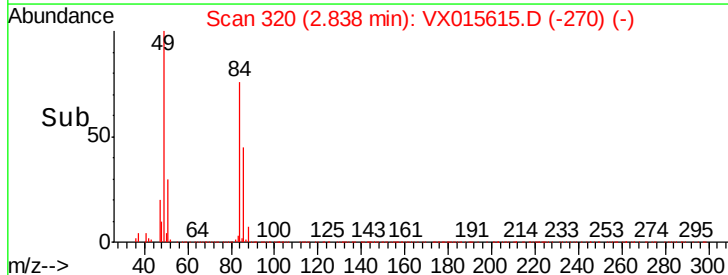
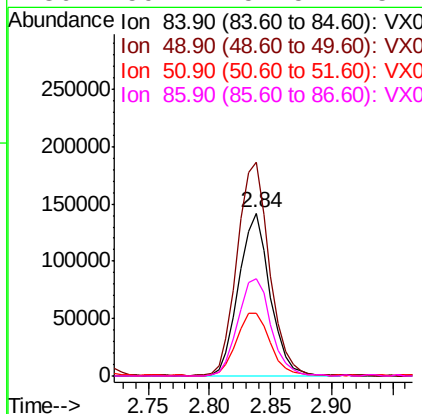
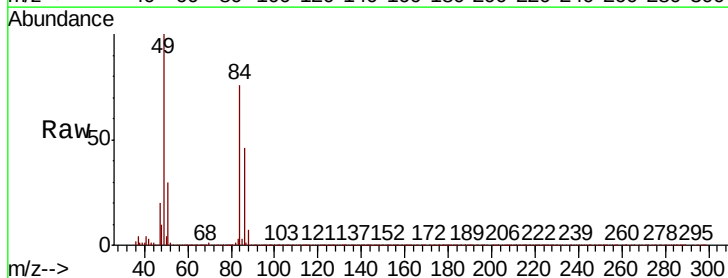
Instrument :
MSVOA_X
ClientSampleId :

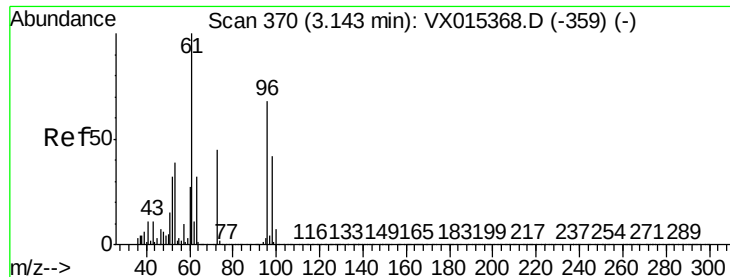
Tot Ion: 73 Resp: 821440
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 18.664 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion: 84 Resp: 252171
Ion Ratio Lower Upper
84 100
49 130.8 111.3 166.9
51 38.6 34.0 51.0
86 59.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.565 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

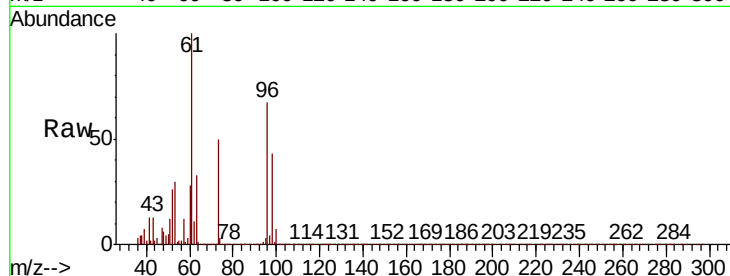
Tot Ion: 96 Resp: 232217

Ion Ratio Lower Upper

96 100

61 149.2 116.9 175.3

98 64.5 48.6 73.0

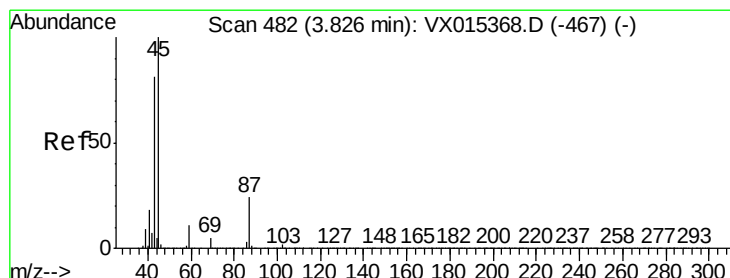
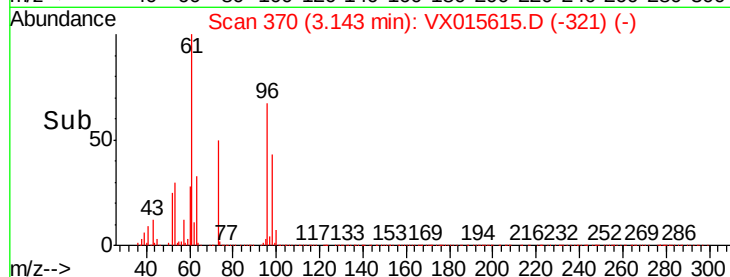
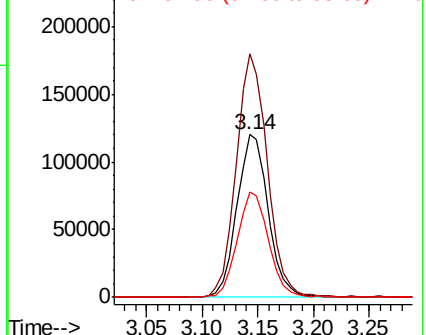


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.144 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion: 45 Resp: 893363

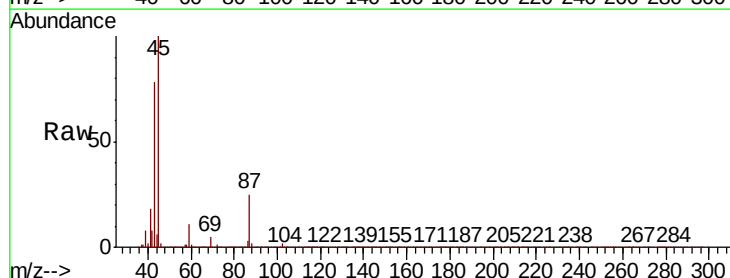
Ion Ratio Lower Upper

45 100

43 77.1 64.7 97.1

87 25.3 19.4 29.0

59 10.7 8.7 13.1



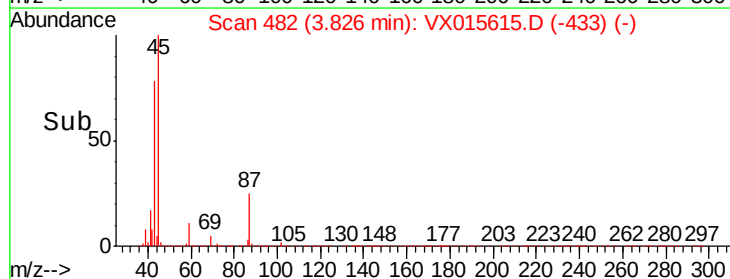
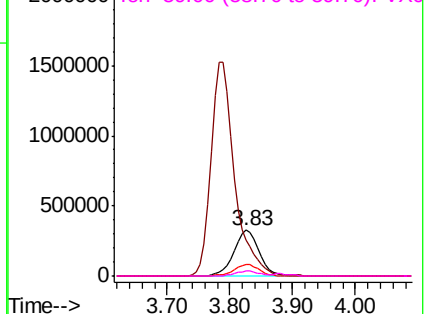
Abundance

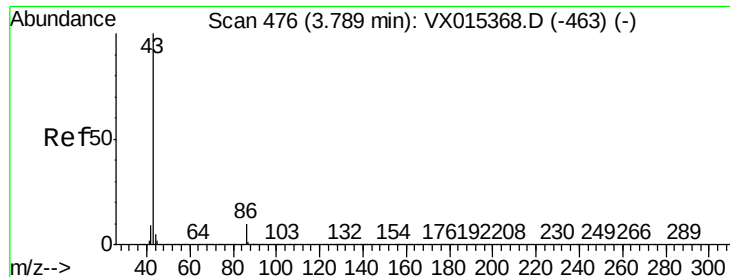
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

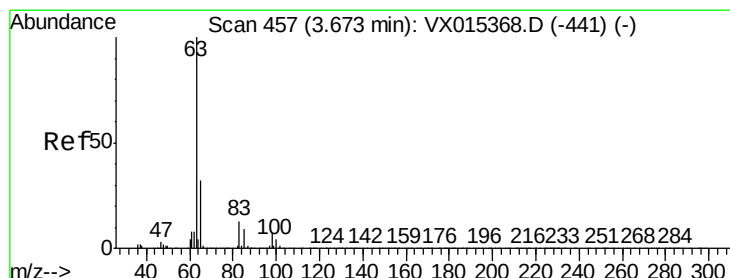
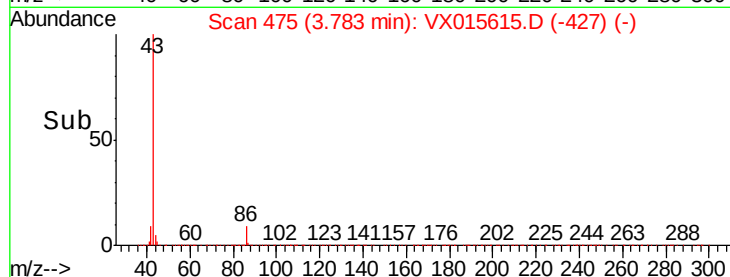
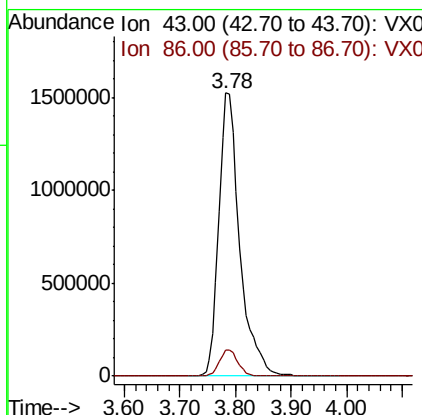
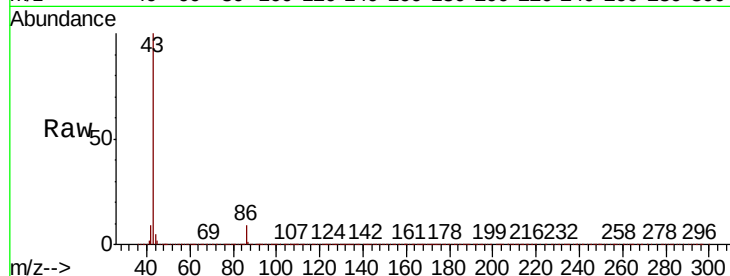




#23
 Vinyl Acetate
 Concen: 94.150 ug/l
 RT: 3.78 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

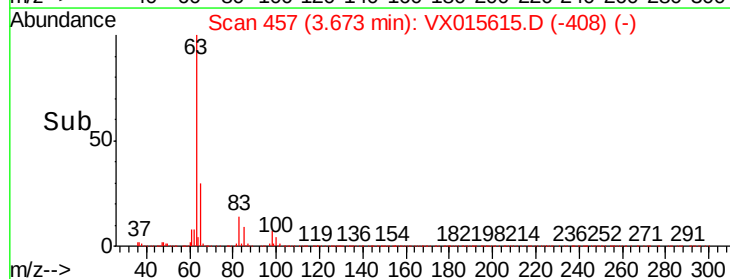
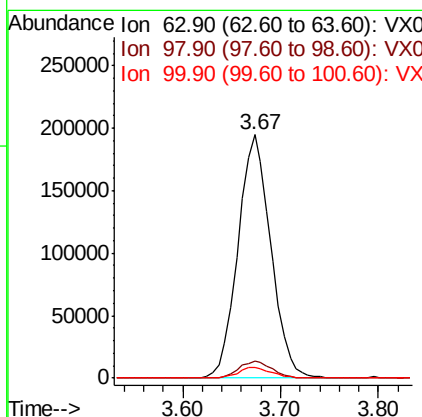
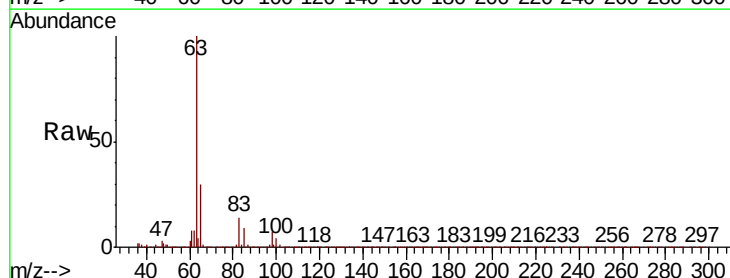
Instrument :
 MSVOA_X
 ClientSampleId :

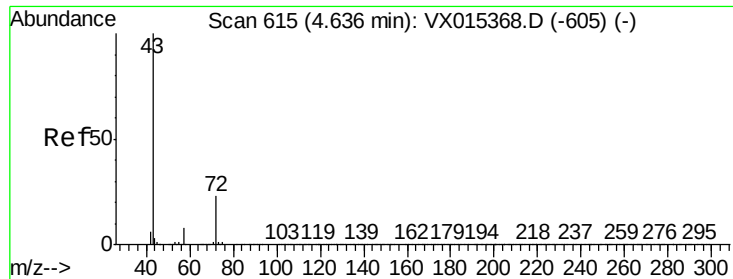
Tot Ion: 43 Resp: 3977869
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 18.341 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion: 63 Resp: 450621
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.1 2.1 6.5

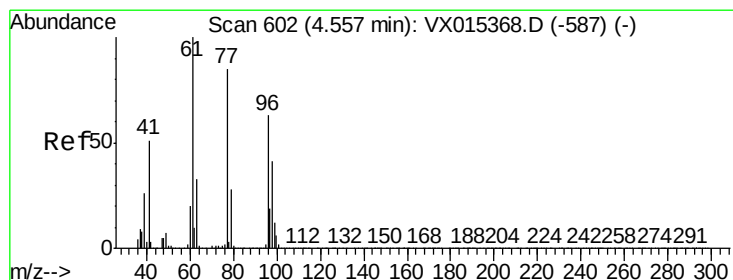
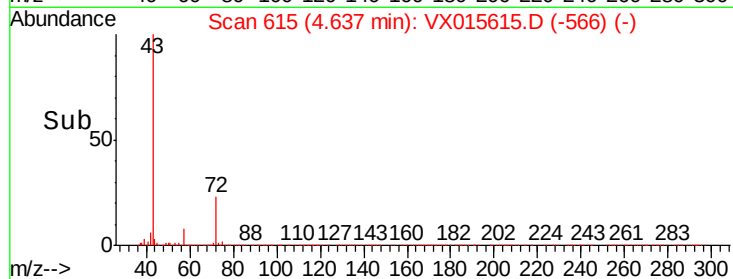
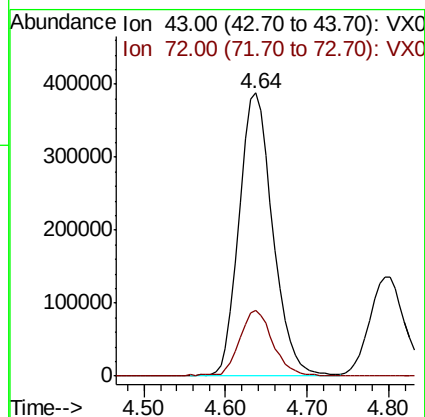
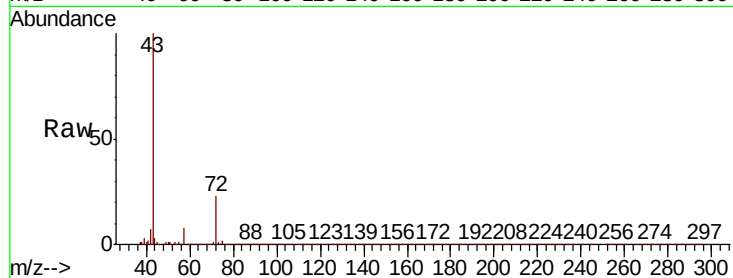




#25
2-Butanone
Concen: 94.665 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

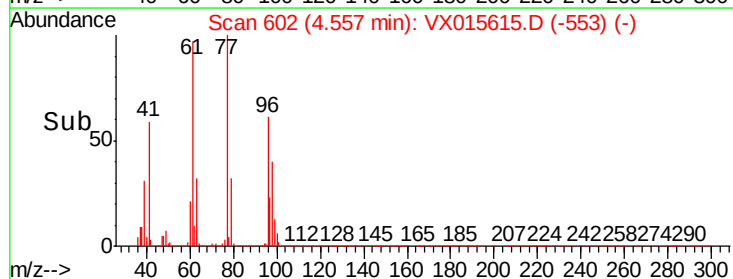
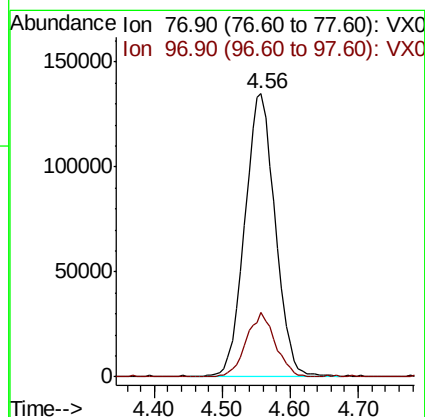
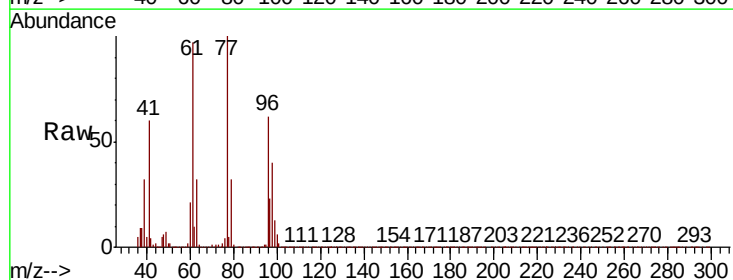
Instrument :
MSVOA_X
ClientSampled :

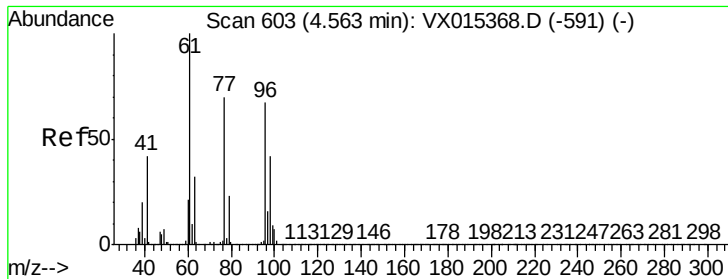
Tot Ion: 43 Resp: 1101240
Ion Ratio Lower Upper
43 100
72 22.9 19.0 28.4



#26
2,2-Dichloropropane
Concen: 20.659 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion: 77 Resp: 416632
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8



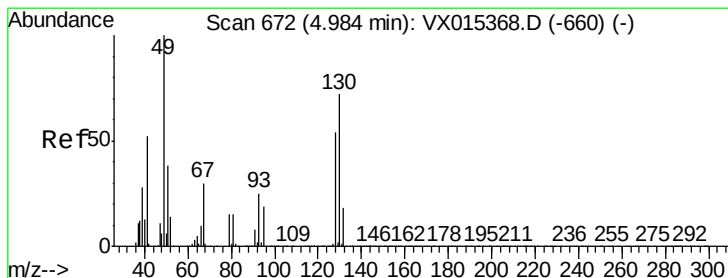
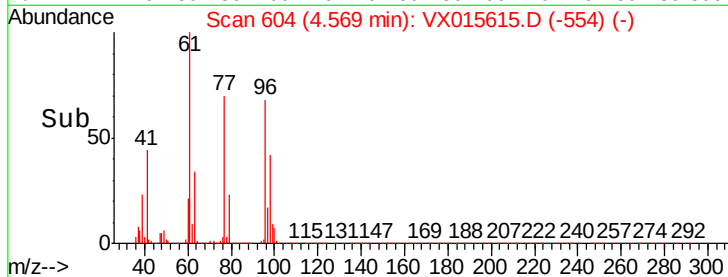
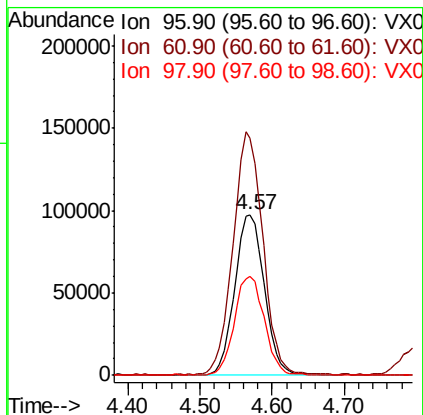
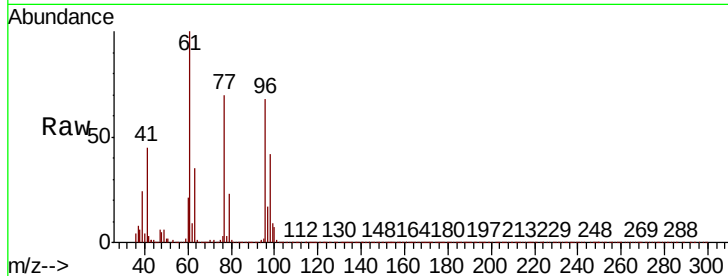


#27

cis-1,2-Dichloroethene
 Concen: 19.214 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :

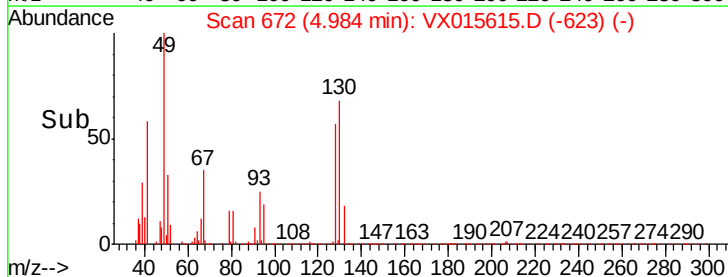
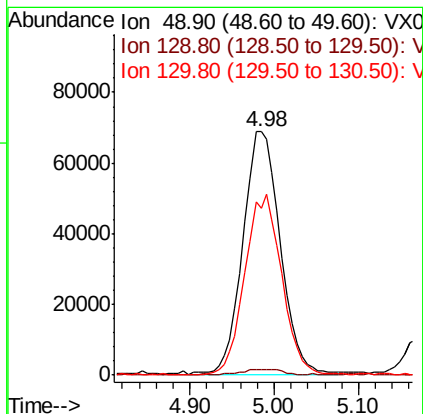
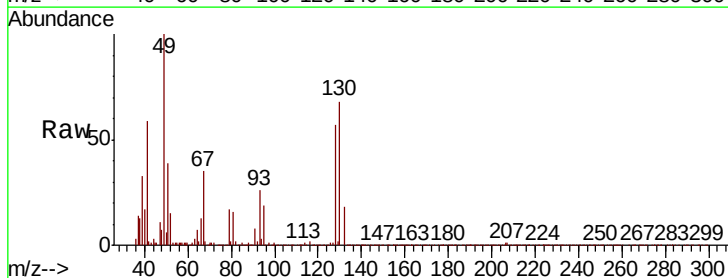
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	308.4
98	61.7	0.0	129.2

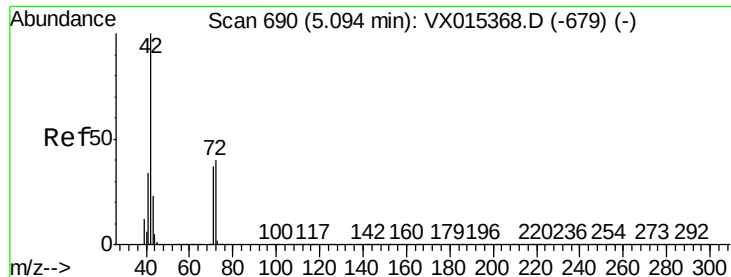


#28

Bromochloromethane
 Concen: 17.594 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	74.1	57.7	86.5





#29

Tetrahydrofuran

Concen: 88.329 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

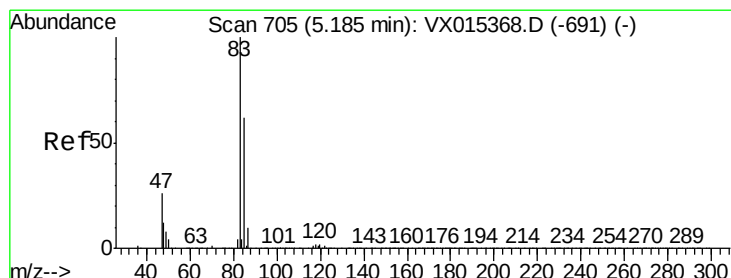
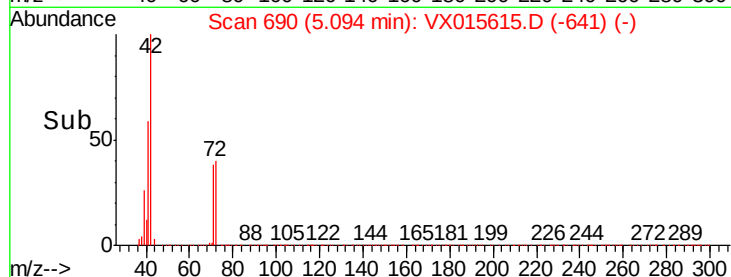
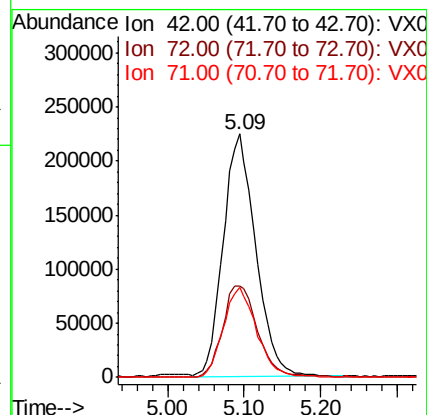
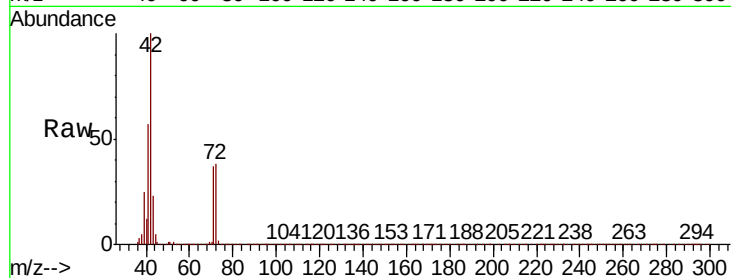
Tot Ion: 42 Resp: 660573

Ion Ratio Lower Upper

42 100

72 40.3 31.7 47.5

71 37.3 29.6 44.4



#30

Chloroform

Concen: 19.037 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015615.D

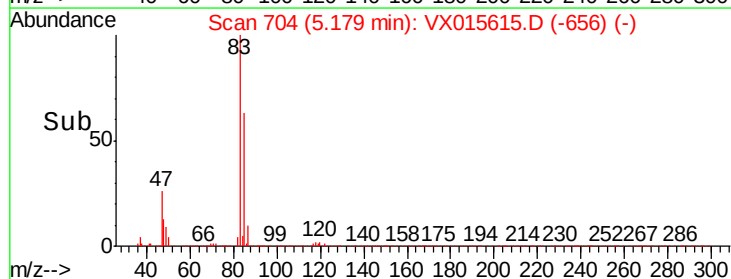
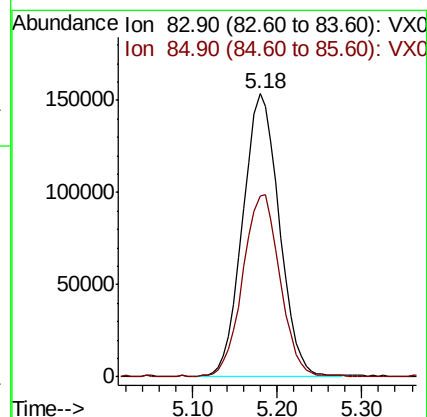
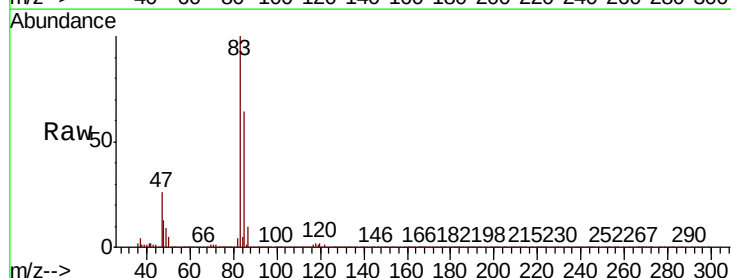
Acq: 10 Apr 2020 12:55

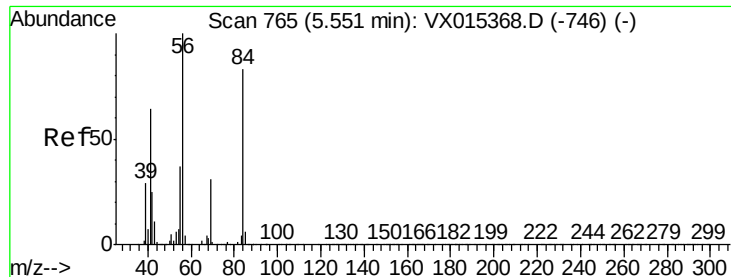
Tgt Ion: 83 Resp: 449999

Ion Ratio Lower Upper

83 100

85 64.0 49.5 74.3

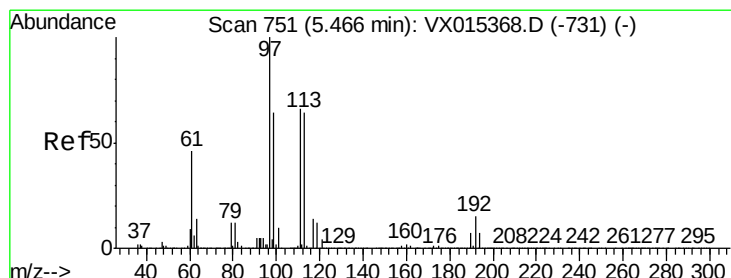
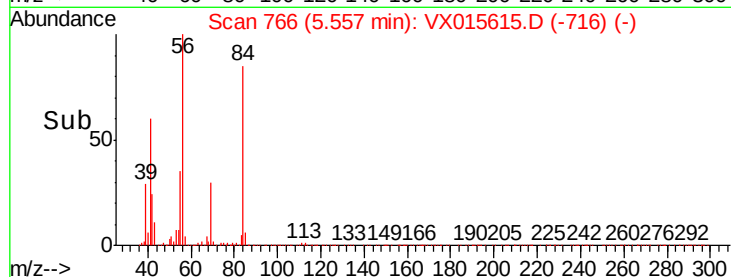
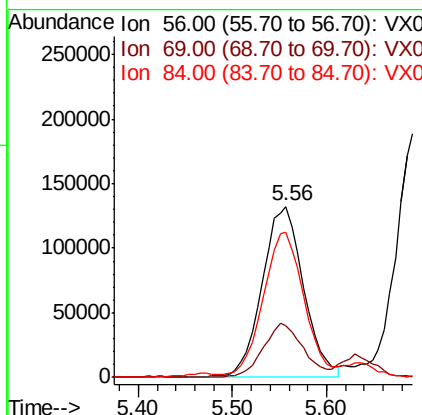
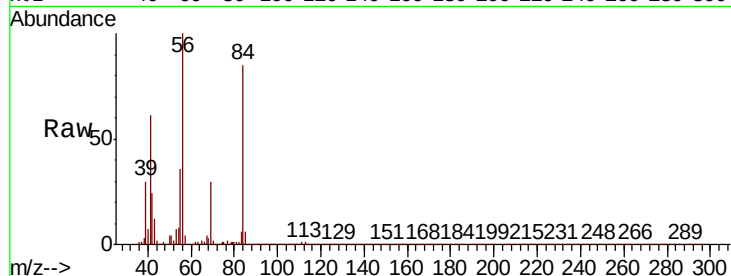




#31
Cyclohexane
Concen: 18.961 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

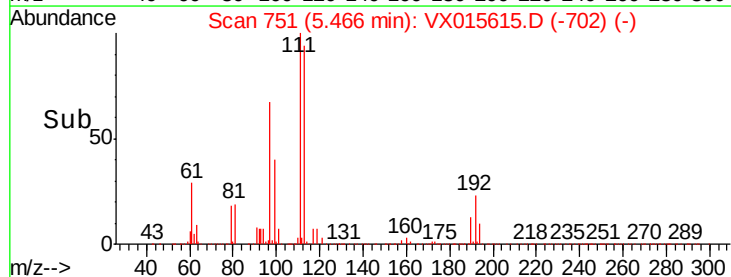
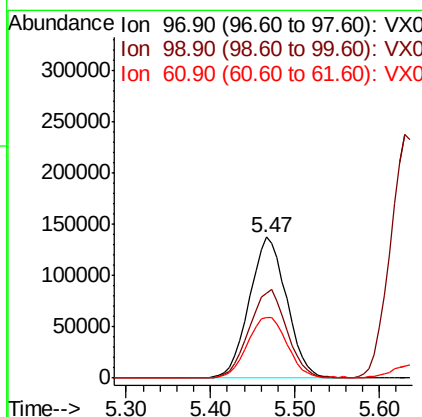
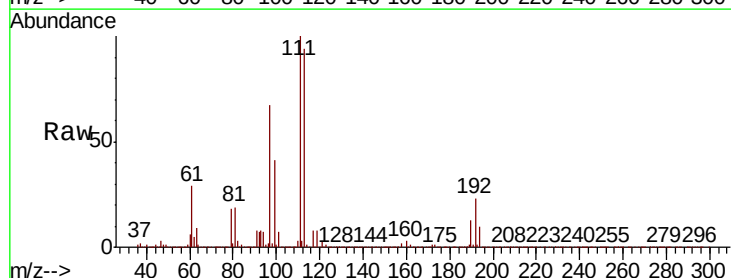
Instrument :
MSVOA_X
ClientSampled :

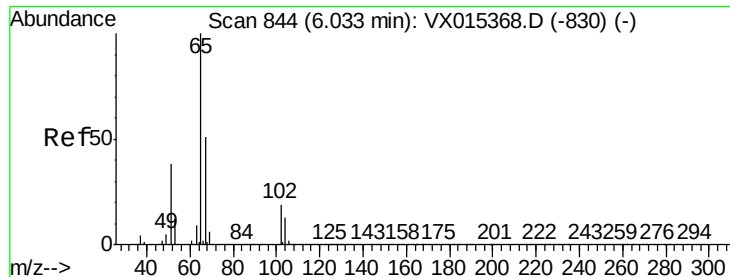
Tot Ion: 56 Resp: 404144
Ion Ratio Lower Upper
56 100
69 29.5 24.6 36.8
84 84.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 19.400 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion: 97 Resp: 415005
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 45.0 36.1 54.1

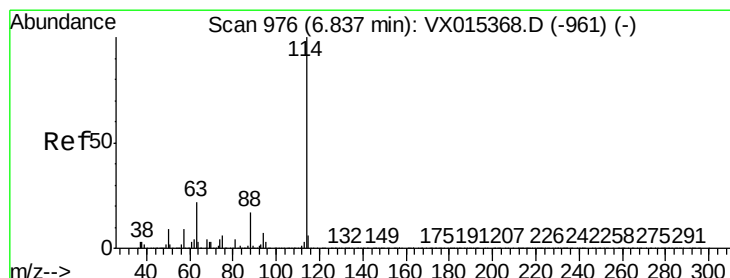
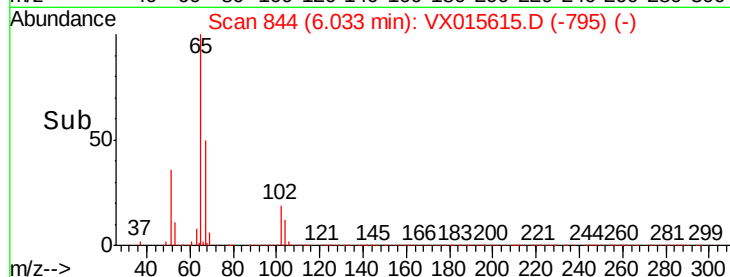
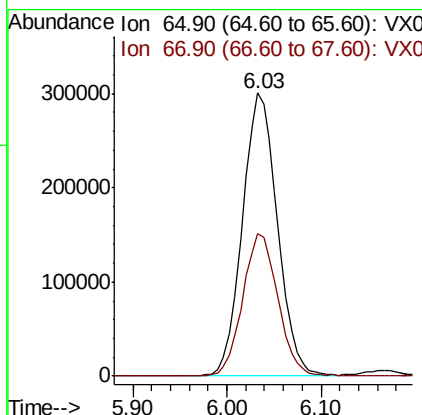
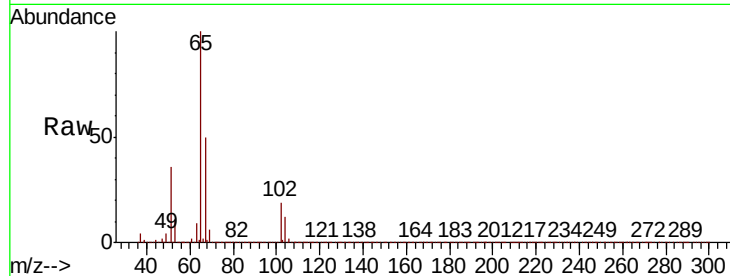




#33
 1,2-Dichloroethane-d4
 Concen: 46.375 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

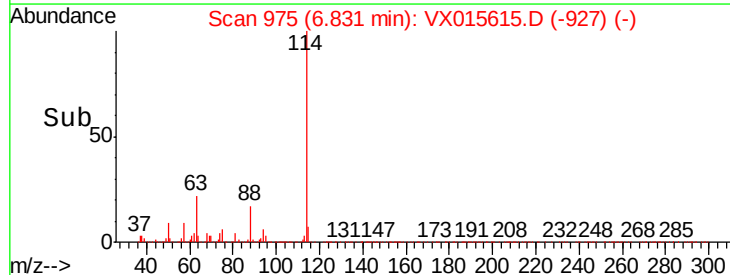
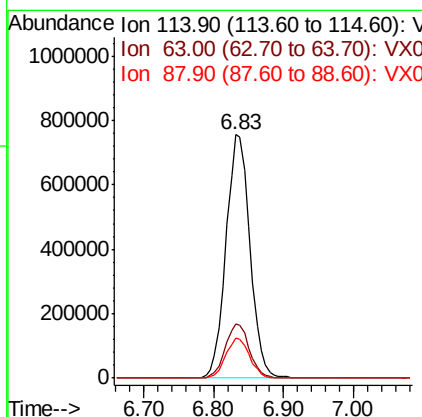
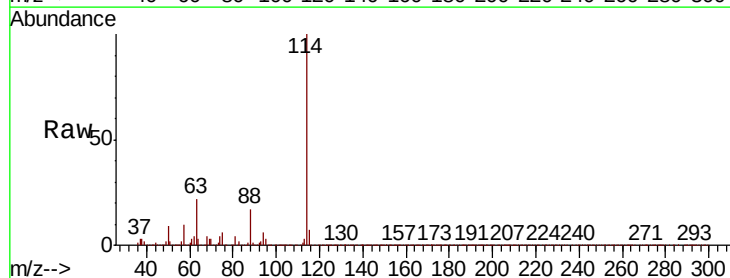
Instrument :
 MSVOA_X
 ClientSampleId :

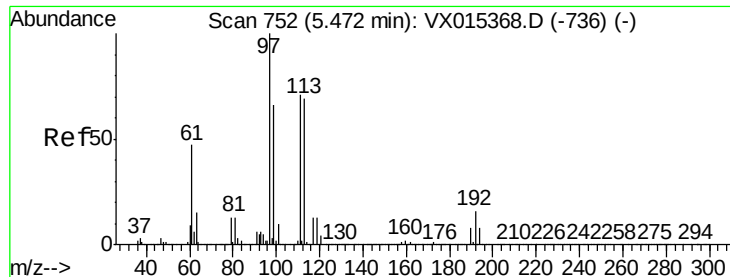
Tot Ion: 65 Resp: 780805
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion: 114 Resp: 1795745
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.2
 88 16.7 0.0 33.8

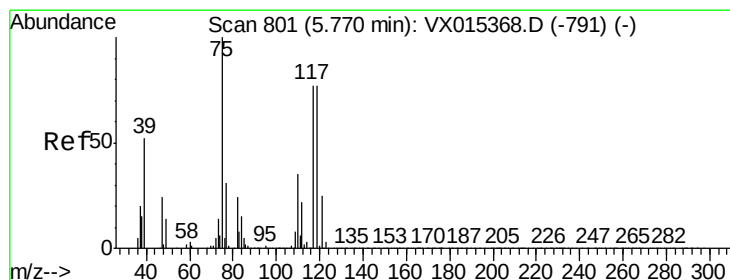
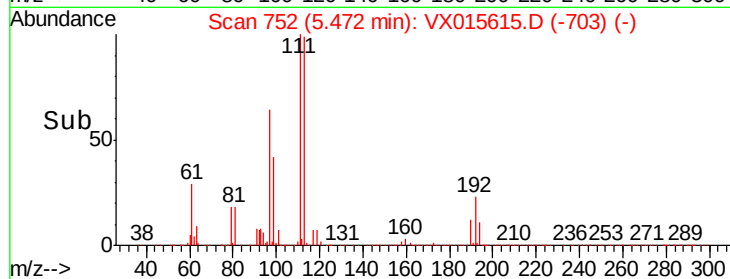
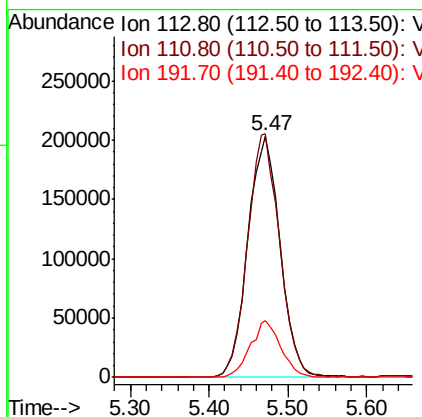
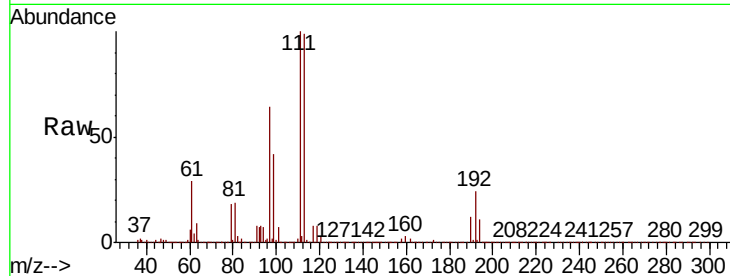




#35
 Dibromofluoromethane
 Concen: 50.356 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

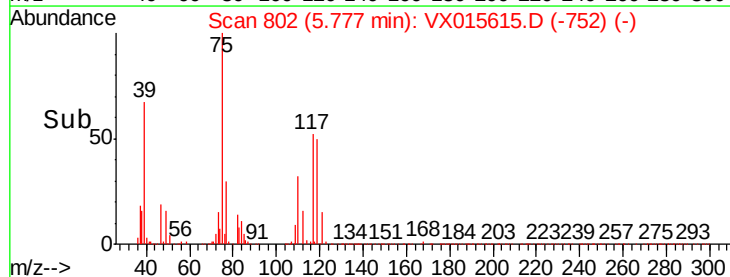
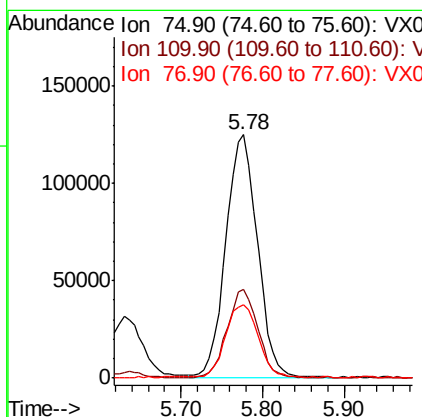
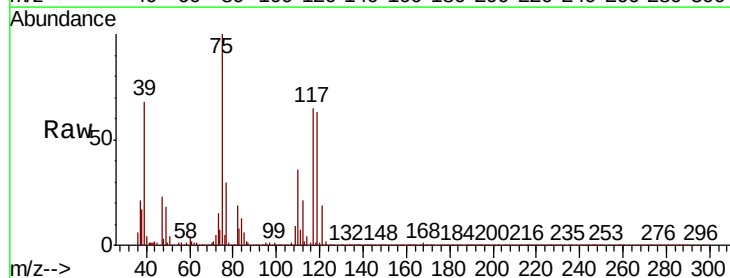
Instrument :
 MSVOA_X
 ClientSampleId :

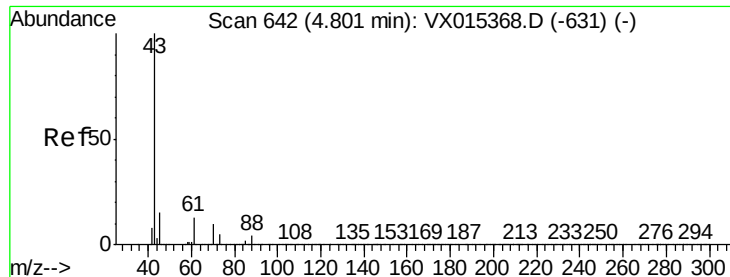
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.5	122.3
192	22.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 20.147 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.1	51.3
77	31.0	24.6	36.8

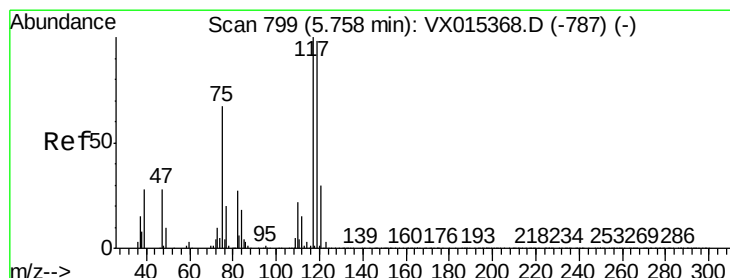
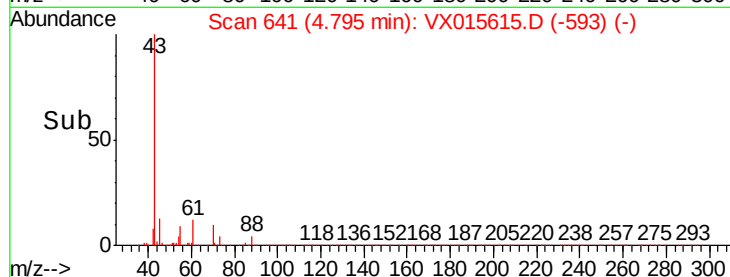
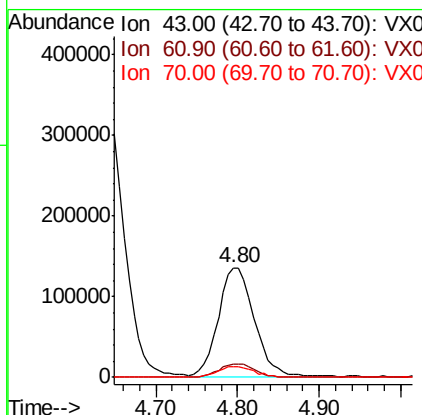
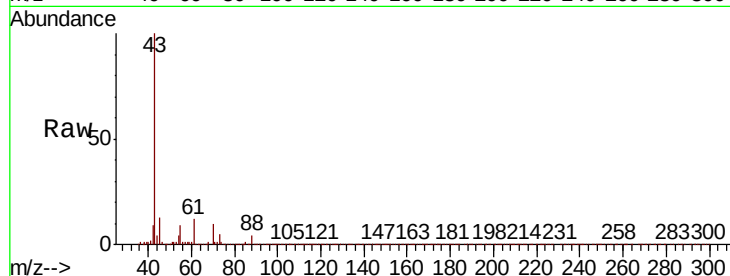




#37
Ethyl Acetate
Concen: 18.999 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

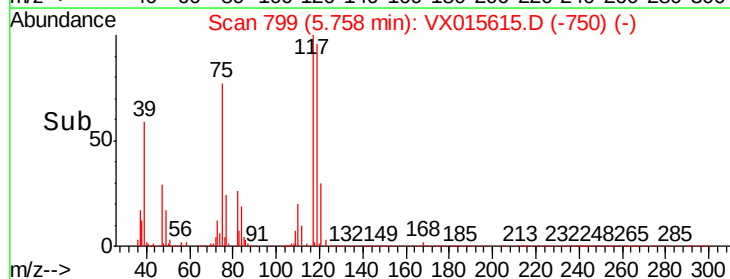
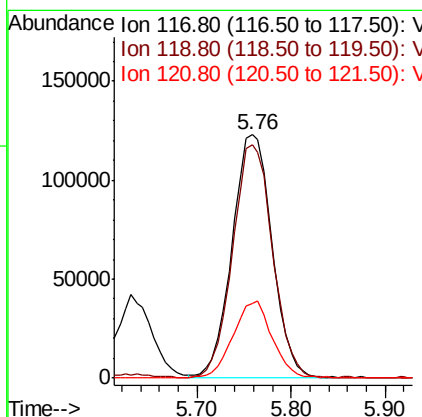
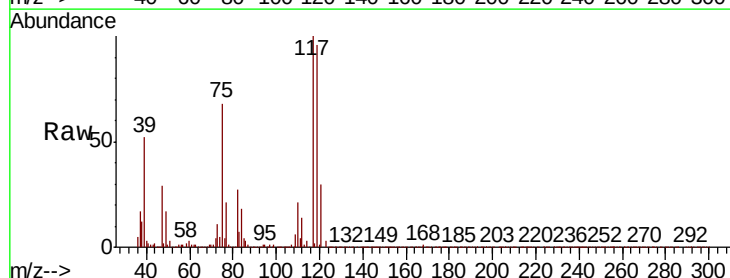
Instrument :
MSVOA_X
ClientSampleId :

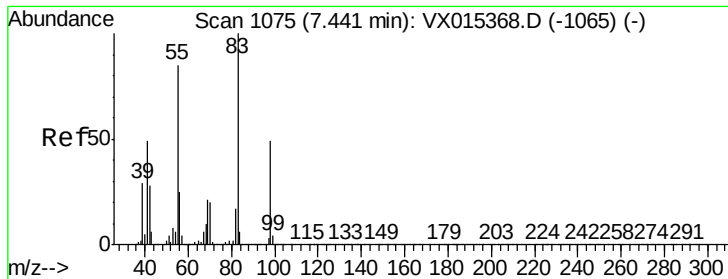
Tot Ion:	43	Resp:	409319
Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.9	14.9
70	10.5	8.1	12.1



#38
Carbon Tetrachloride
Concen: 20.265 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion:	117	Resp:	363167
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.0	117.0
121	30.3	23.8	35.8

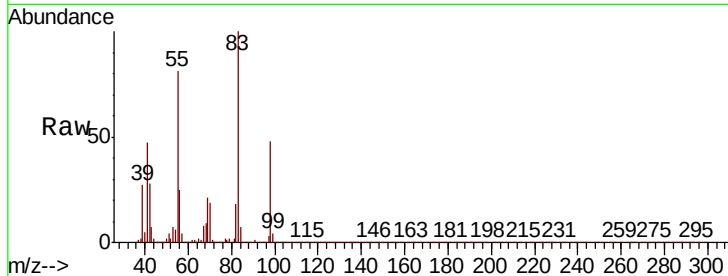




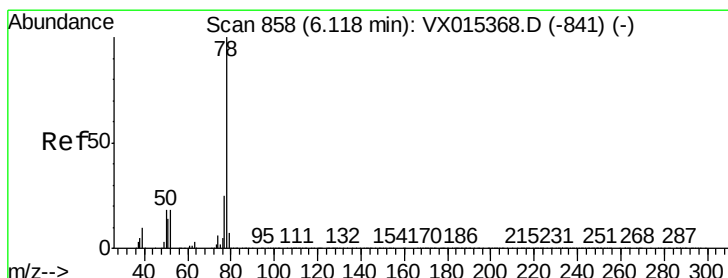
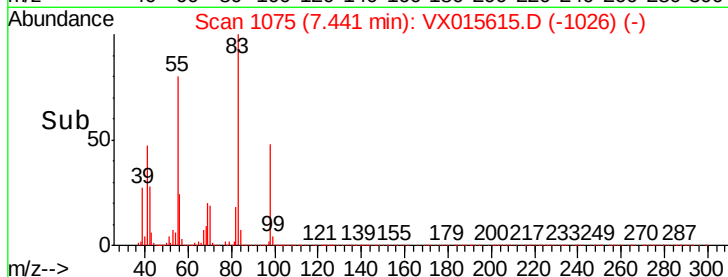
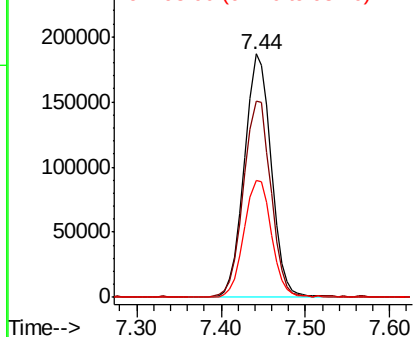
#39
Methylvlcyclohexane
Concen: 20.958 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	67.8	101.6
98	47.8	39.3	58.9

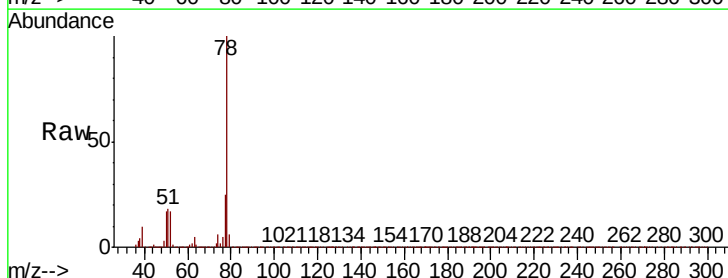


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

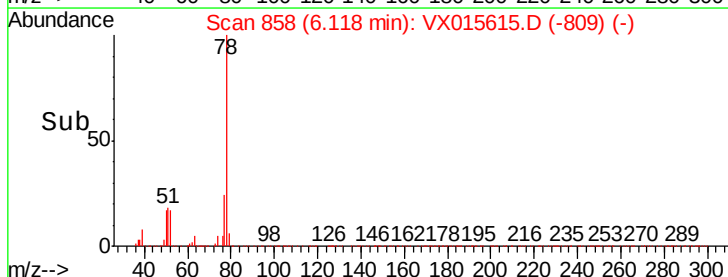
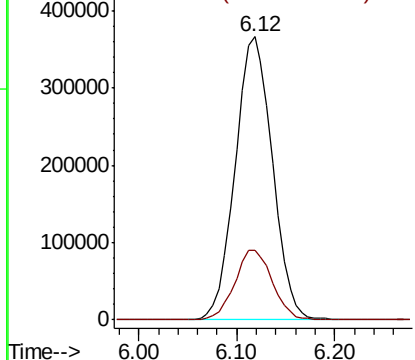


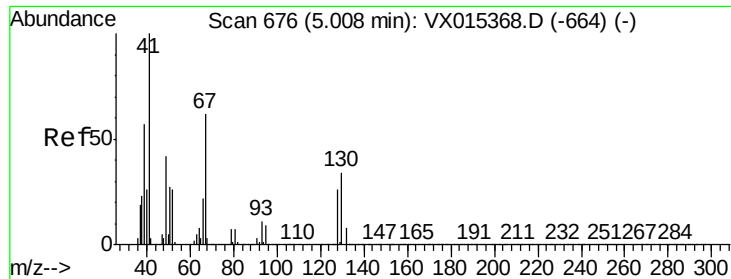
#40
Benzene
Concen: 19.943 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.8	29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

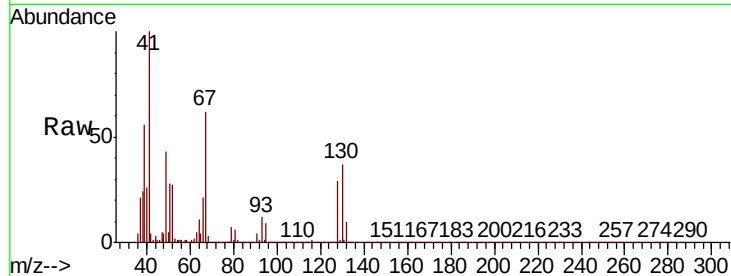




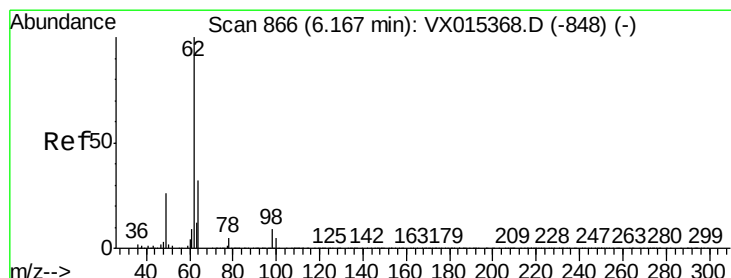
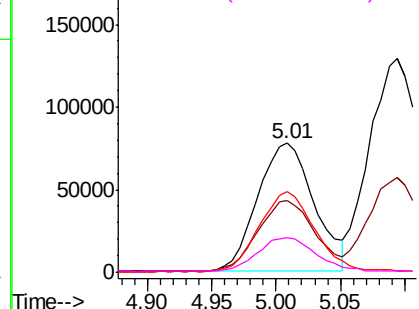
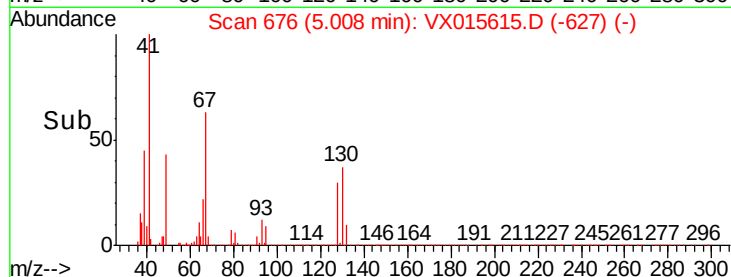
#41
Methacrylonitrile
Concen: 19.875 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	237690
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.5	66.7
67	62.9	48.9	73.3
52	27.5	21.8	32.6

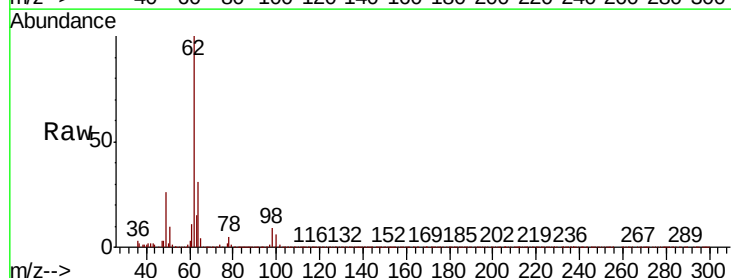


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

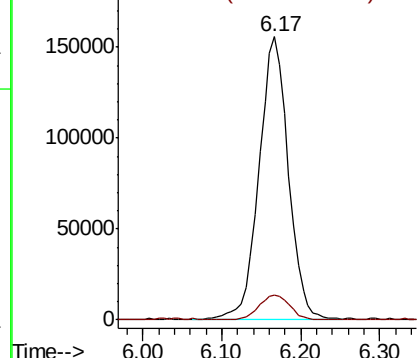
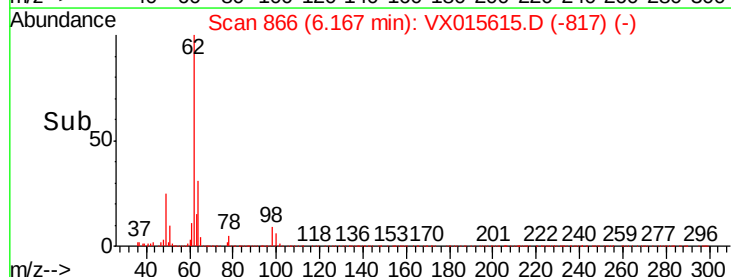


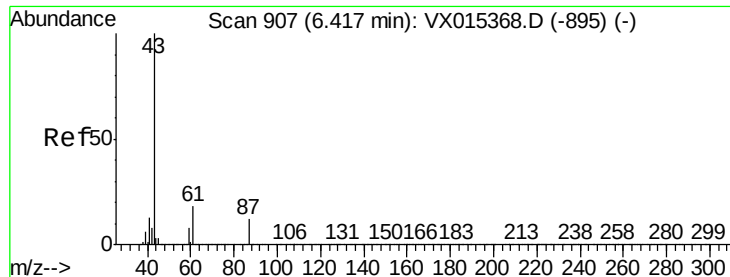
#42
1,2-Dichloroethane
Concen: 20.692 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion:	62	Resp:	402845
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 19.260 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

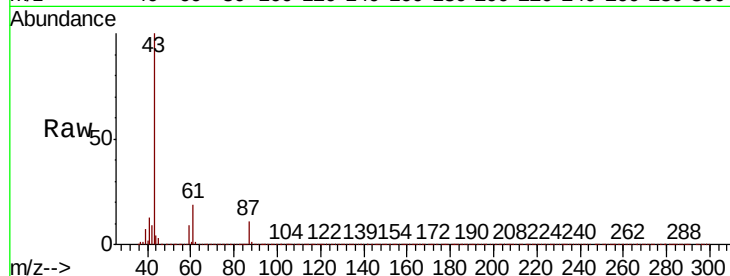
Tot Ion: 43 Resp: 700443

Ion Ratio Lower Upper

43 100

61 18.5 14.8 22.2

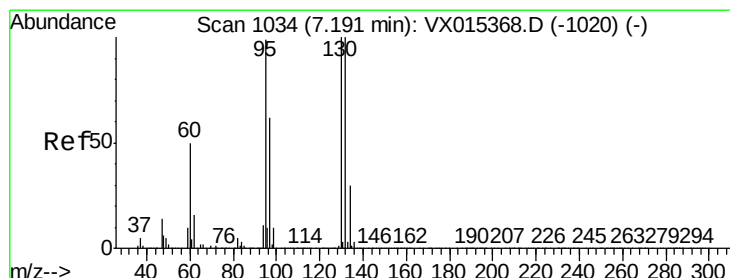
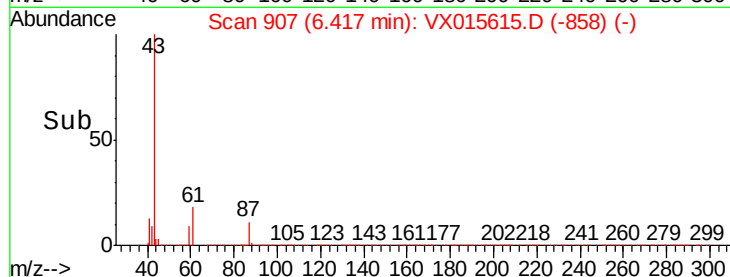
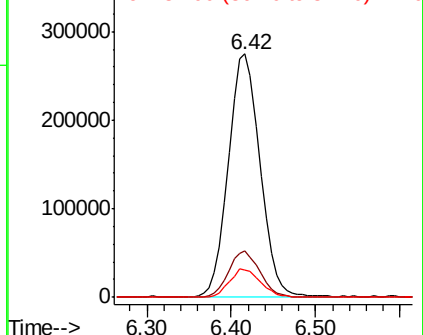
87 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.709 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015615.D

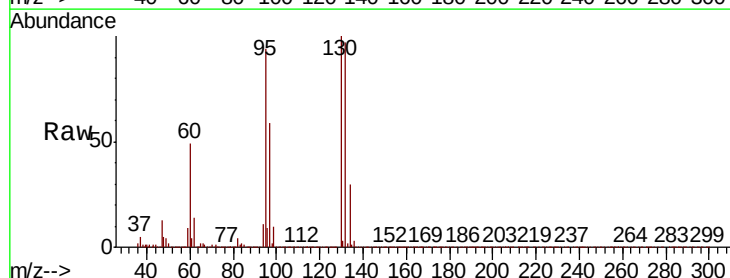
Acq: 10 Apr 2020 12:55

Tgt Ion:130 Resp: 273734

Ion Ratio Lower Upper

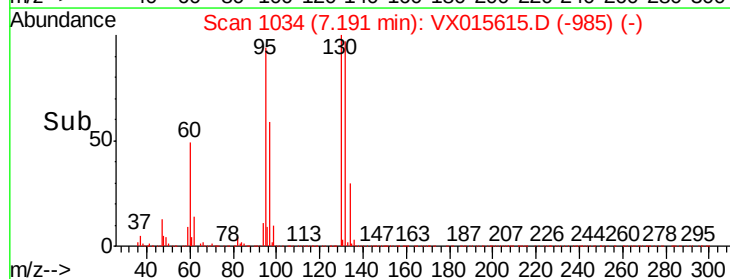
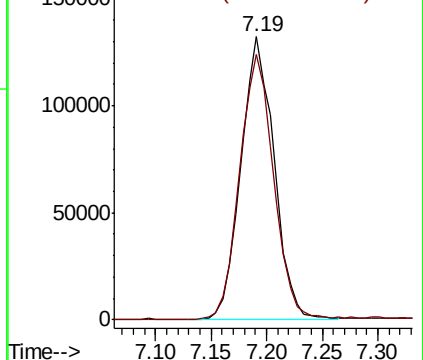
130 100

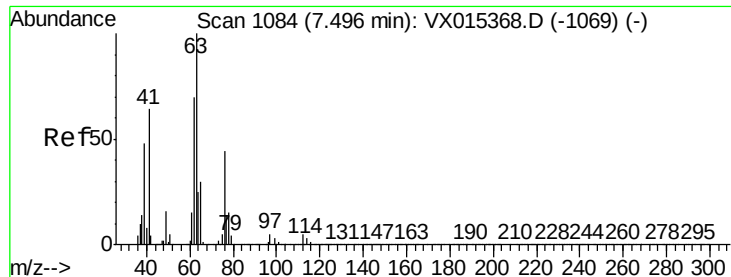
95 93.3 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

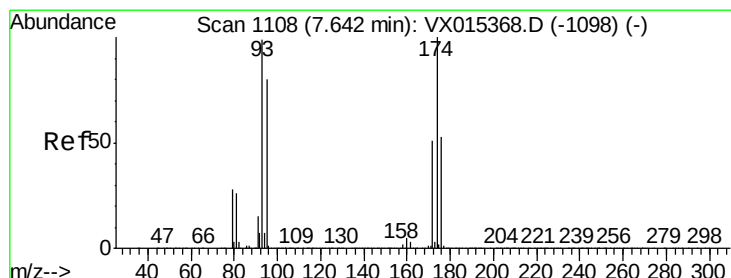
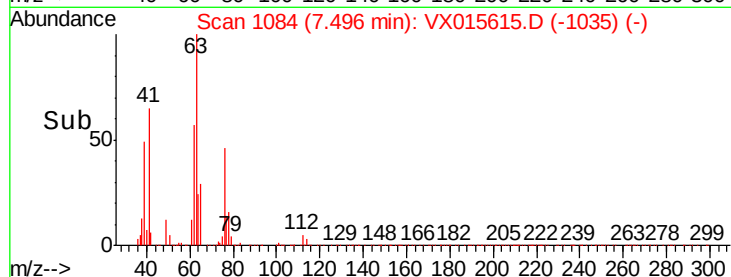
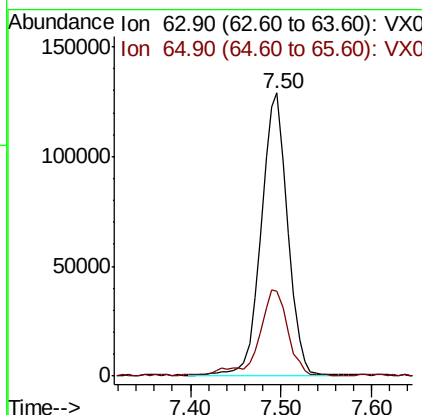
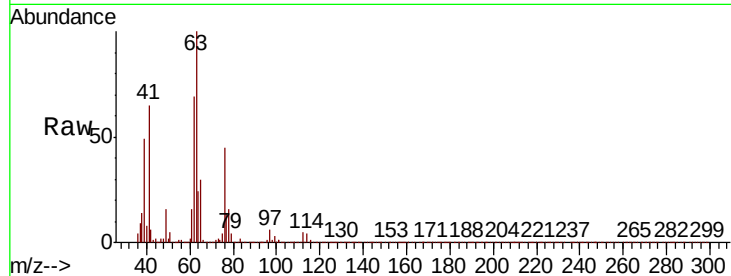




#45
 1,2-Dichloropropane
 Concen: 19.422 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

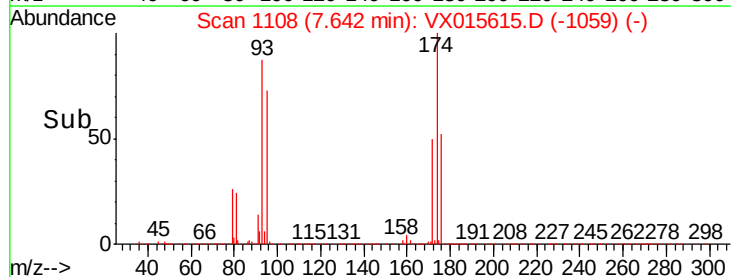
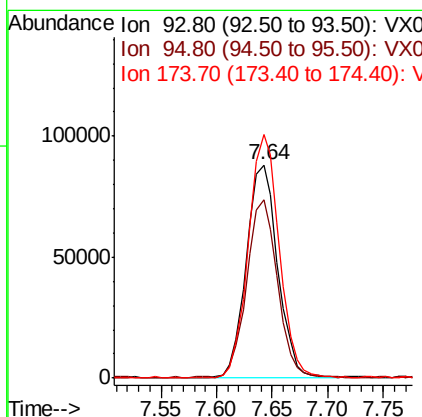
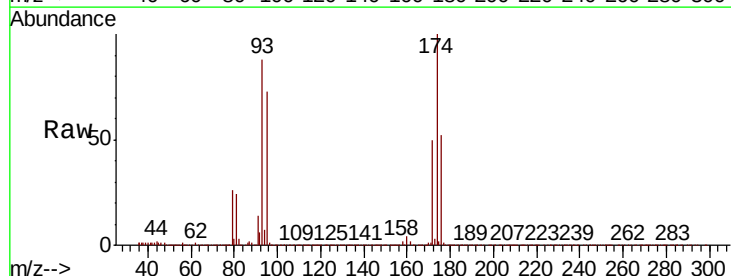
Instrument :
 MSVOA_X
 ClientSampled :

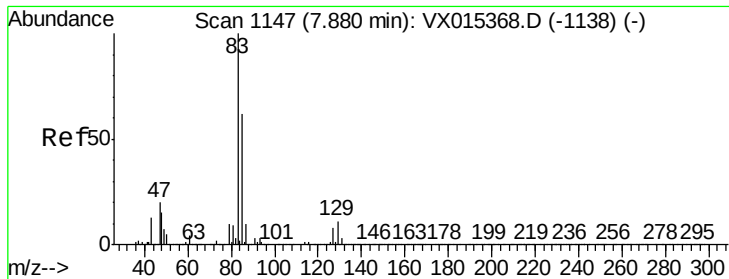
Tot Ion: 63 Resp: 257513
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9



#46
 Dibromomethane
 Concen: 19.834 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion: 93 Resp: 172502
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.8
 174 112.8 86.2 129.2

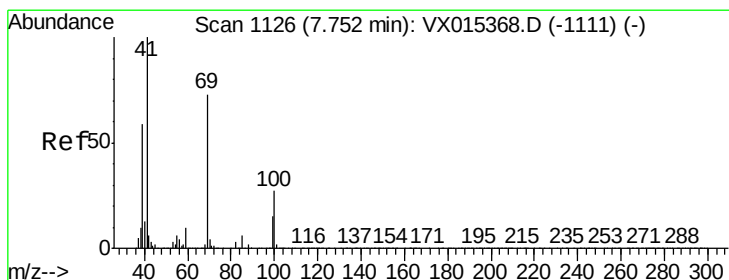
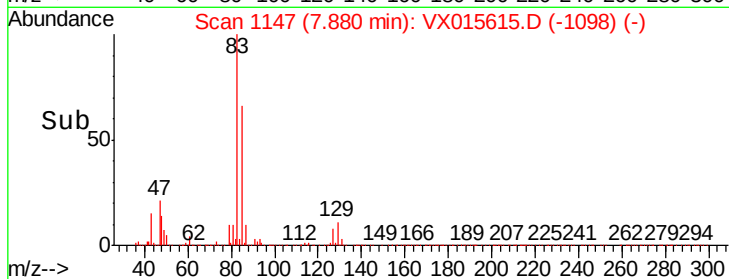
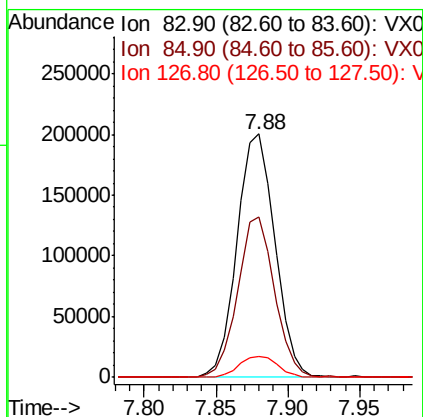
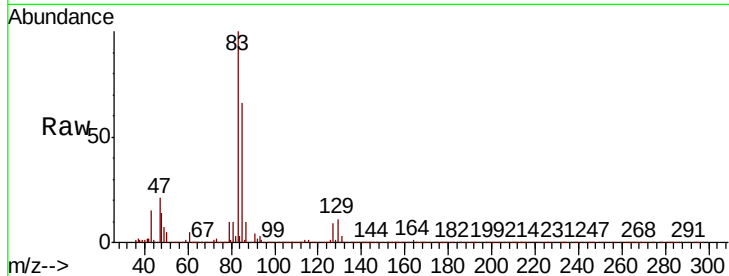




#47
Bromodichloromethane
Concen: 19.646 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

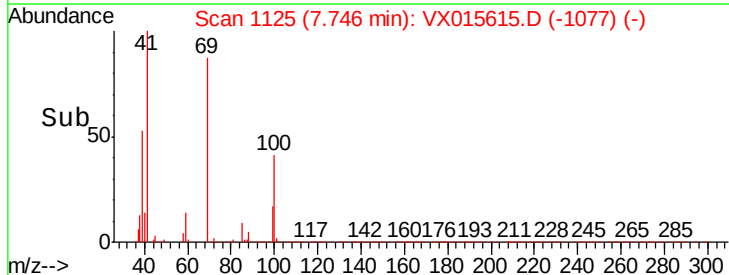
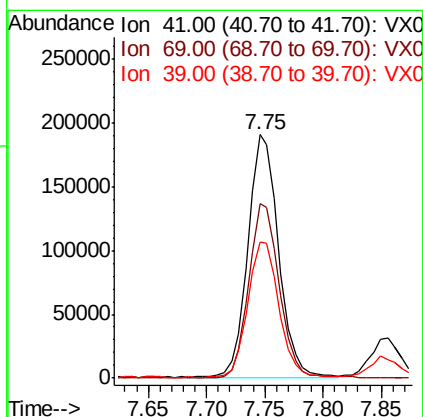
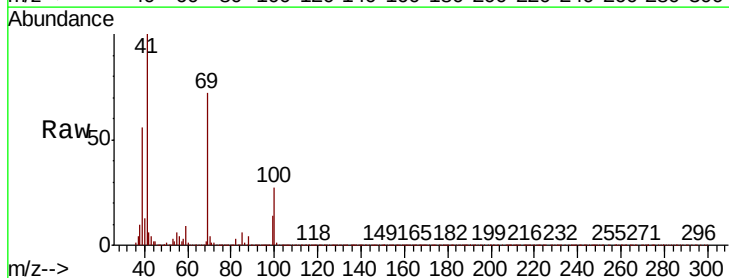
Instrument :
MSVOA_X
ClientSampled :

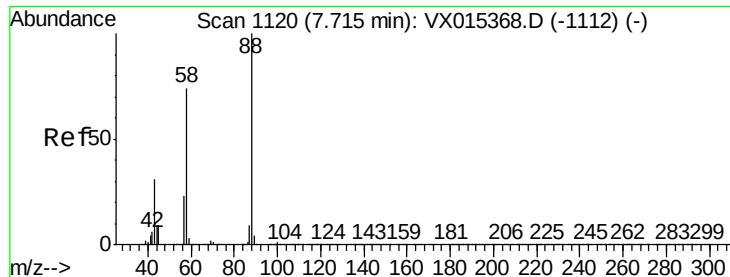
Tot Ion	83	Resp	364081
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.7	74.5
127	8.6	6.7	10.1



#48
Methyl methacrylate
Concen: 19.112 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	41	Resp	347187
Ion Ratio	Lower	Upper	
41	100		
69	71.8	56.7	85.1
39	57.1	46.5	69.7





#49

1,4-Dioxane

Concen: 327.125 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

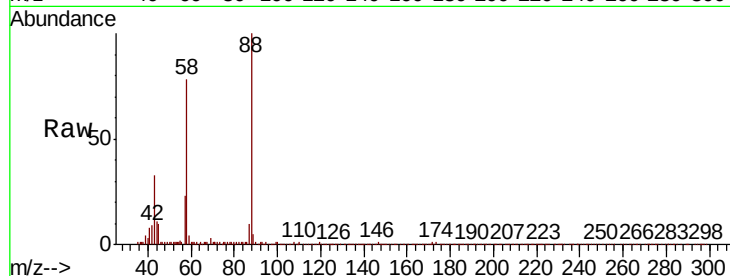
Tot Ion: 88 Resp: 110855

Ion Ratio Lower Upper

88 100

43 39.0 30.1 45.1

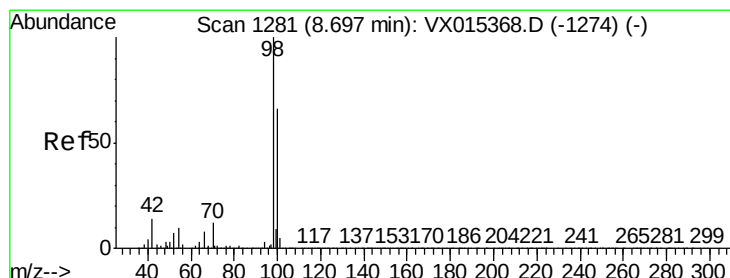
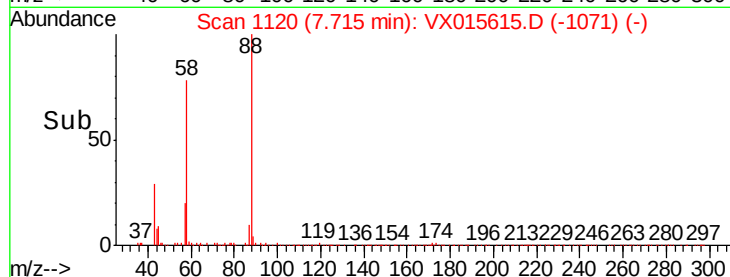
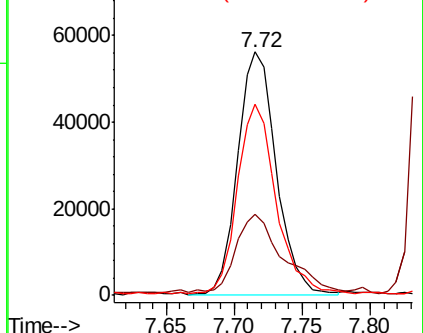
58 78.2 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.830 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015615.D

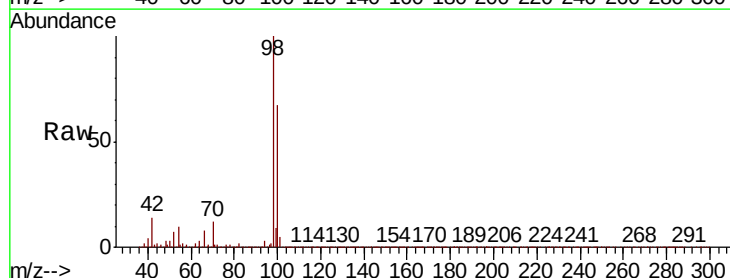
Acq: 10 Apr 2020 12:55

Tgt Ion: 98 Resp: 2105924

Ion Ratio Lower Upper

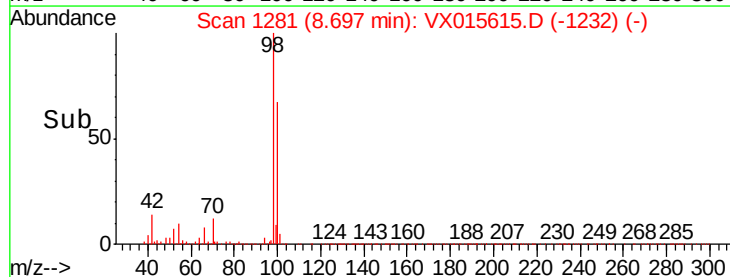
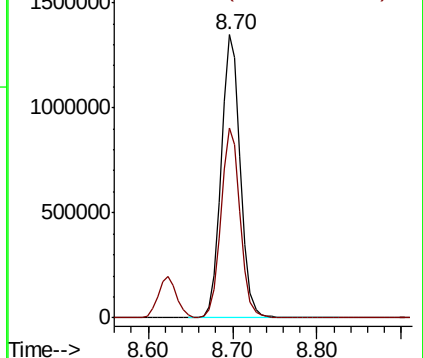
98 100

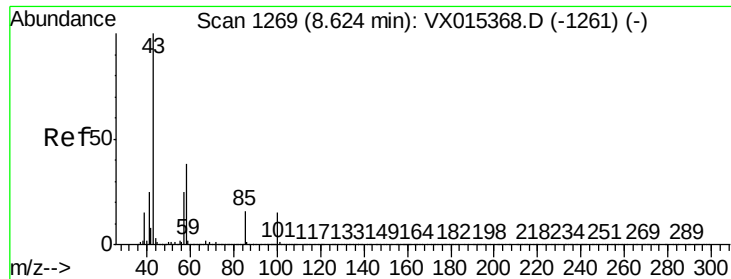
100 67.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 99.335 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

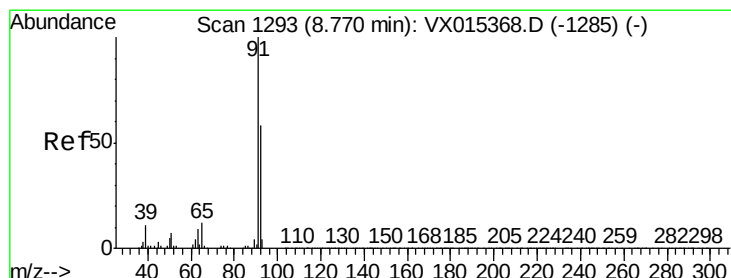
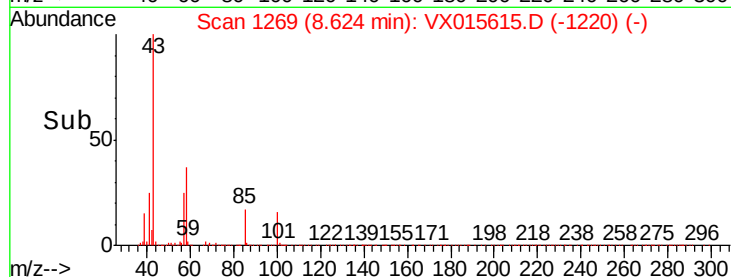
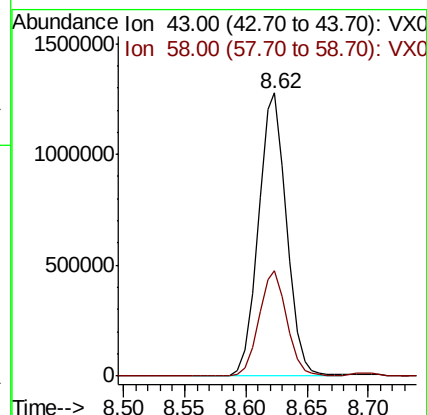
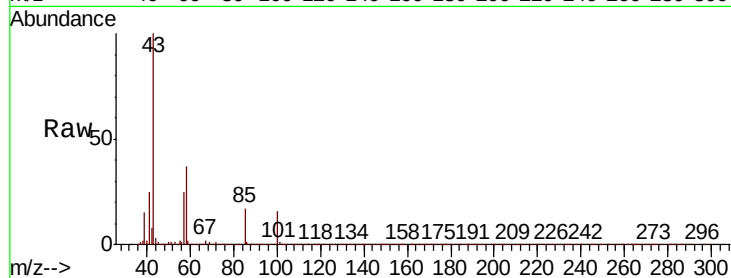
ClientSampled :

Tot Ion: 43 Resp: 2047349

Ion Ratio Lower Upper

43 100

58 36.7 29.7 44.5



#52

Toluene

Concen: 20.794 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015615.D

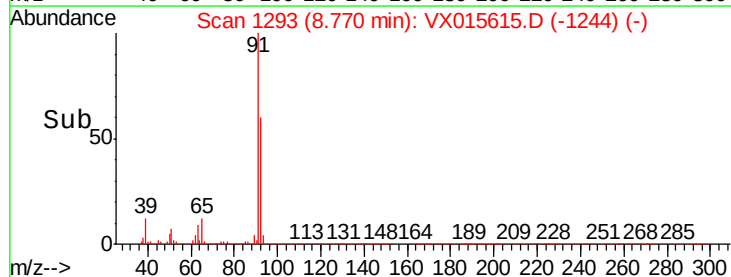
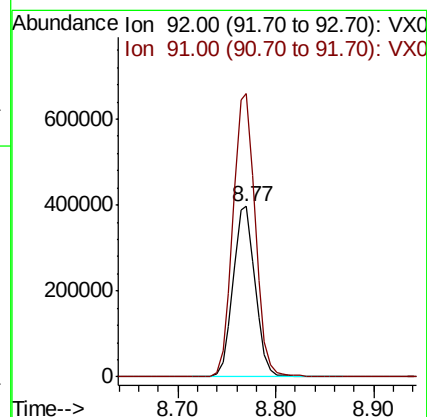
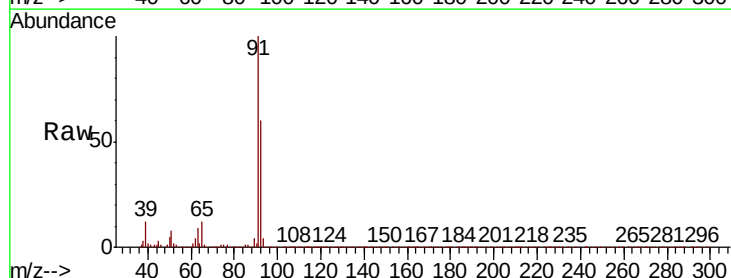
Acq: 10 Apr 2020 12:55

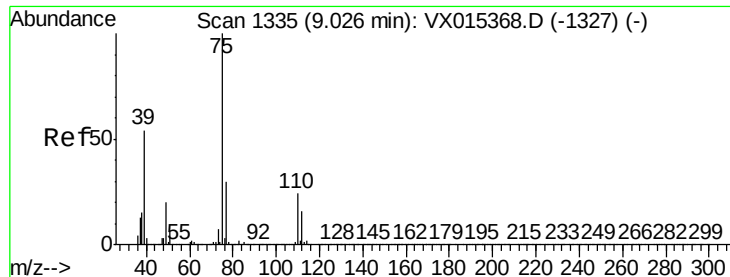
Tgt Ion: 92 Resp: 621365

Ion Ratio Lower Upper

92 100

91 167.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.021 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

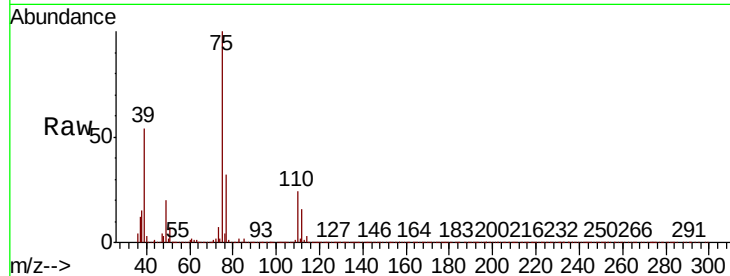
ClientSampleId :

Tot Ion: 75 Resp: 413431

Ion Ratio Lower Upper

75 100

77 31.8 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

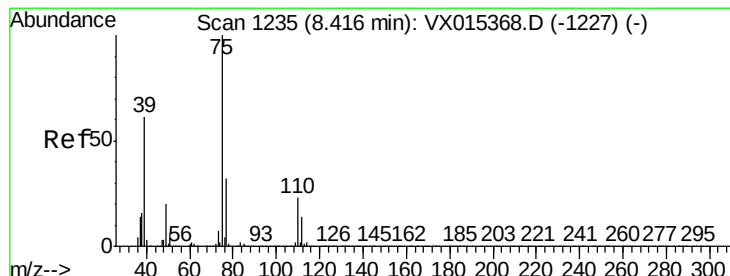
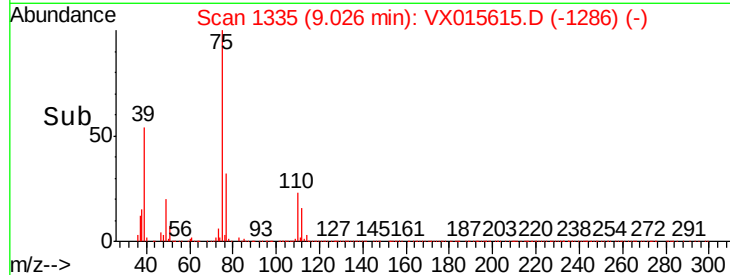
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.911 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

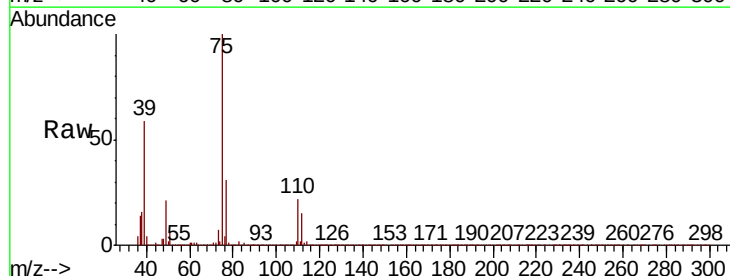
Tgt Ion: 75 Resp: 440841

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 59.0 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

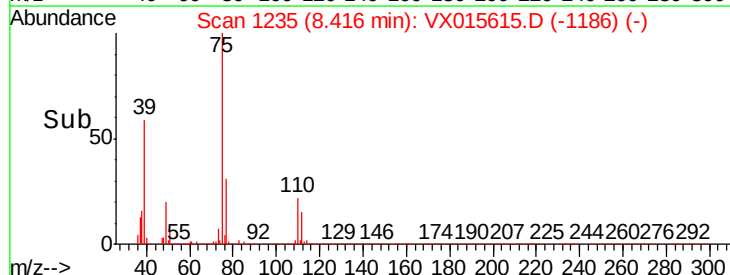
300000

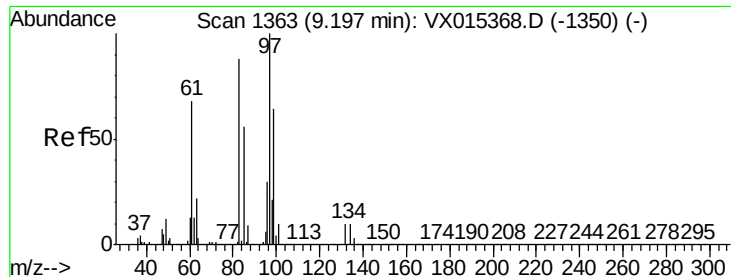
200000

100000

0

Time-->

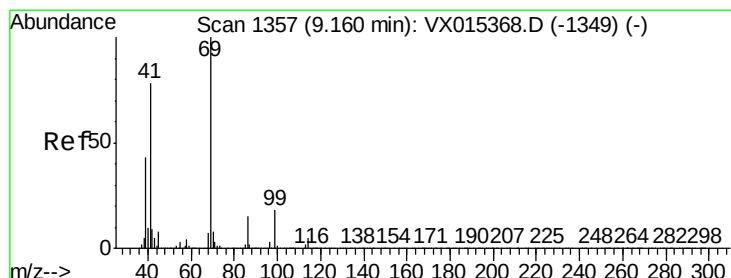
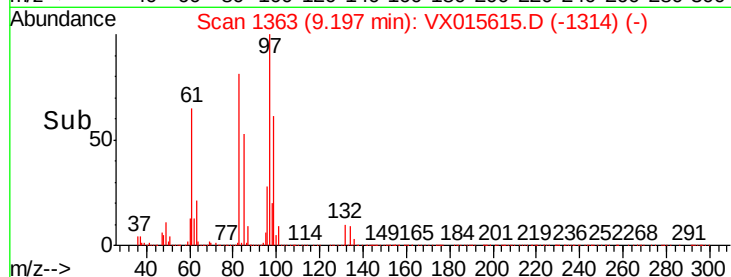
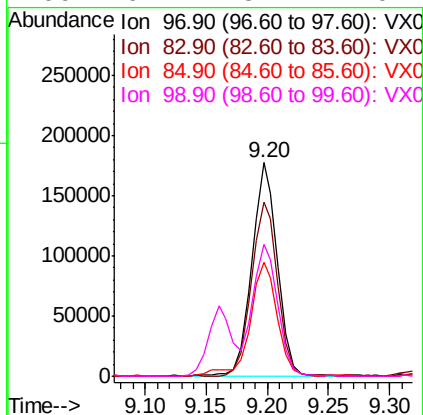
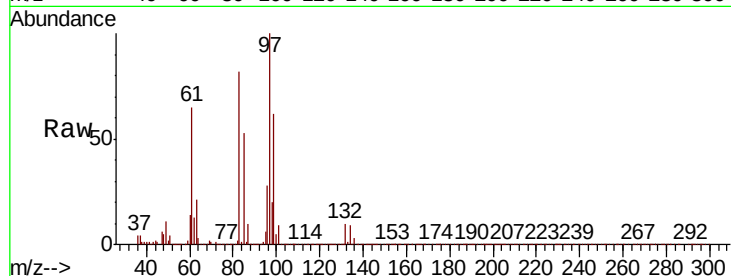




#55
 1,1,2-Trichloroethane
 Concen: 20.917 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

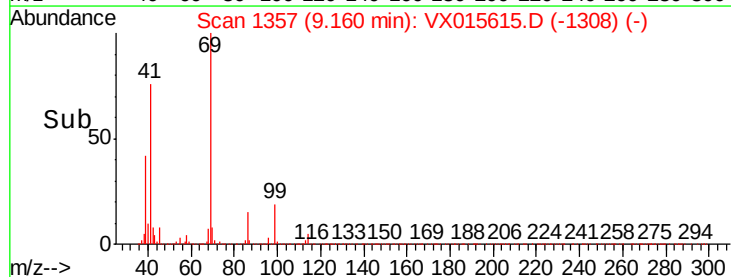
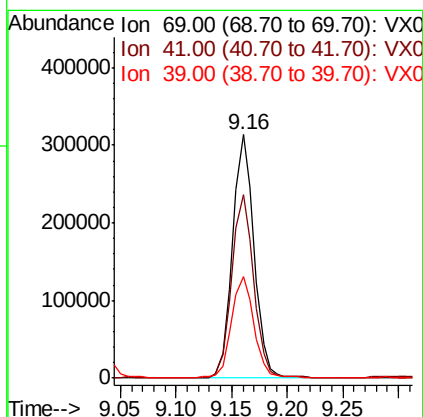
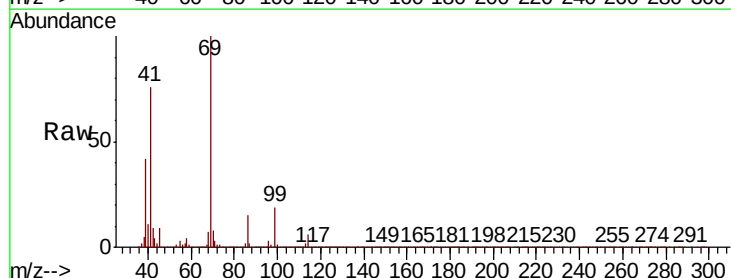
Instrument :
 MSVOA_X
 ClientSampled :

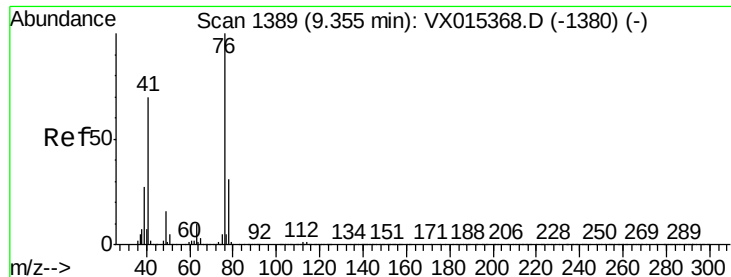
Tot Ion:	97	Resp:	256070
Ion	Ratio	Lower	Upper
97	100		
83	81.4	70.2	105.4
85	53.4	44.7	67.1
99	61.4	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 19.483 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion:	69	Resp:	420354
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.6	92.4
39	43.2	34.0	51.0





#57

1,3-Dichloropropane

Concen: 19.971 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

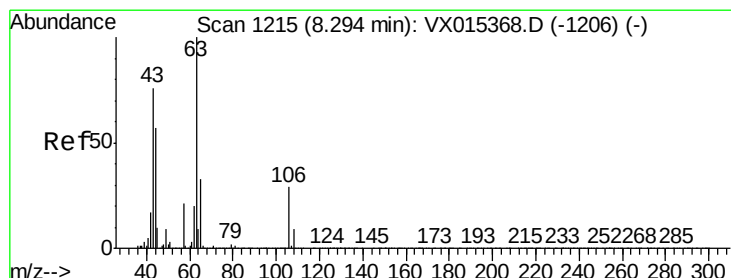
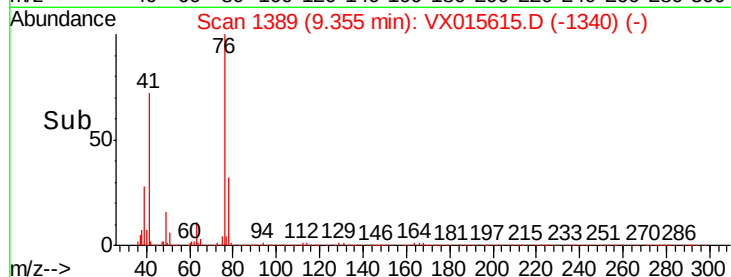
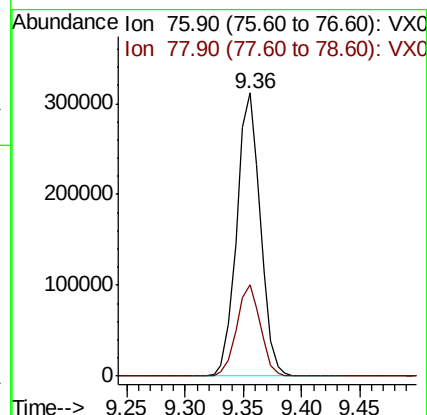
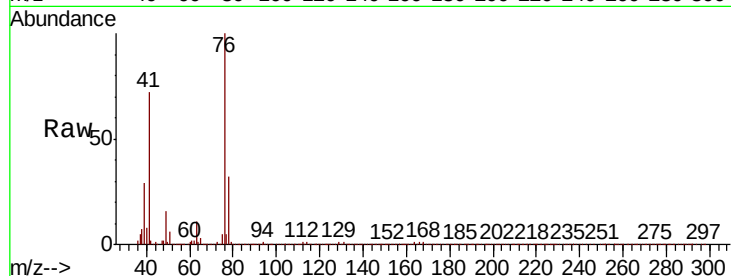
ClientSampleId :

Tot Ion: 76 Resp: 440495

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.343 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015615.D

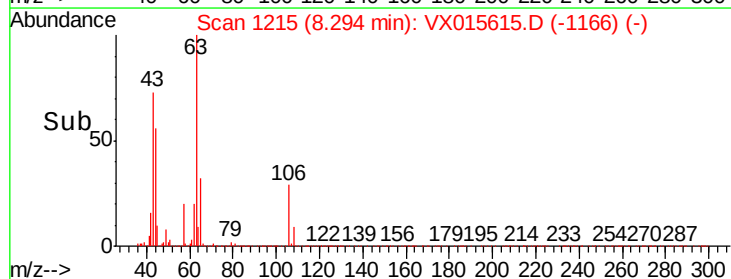
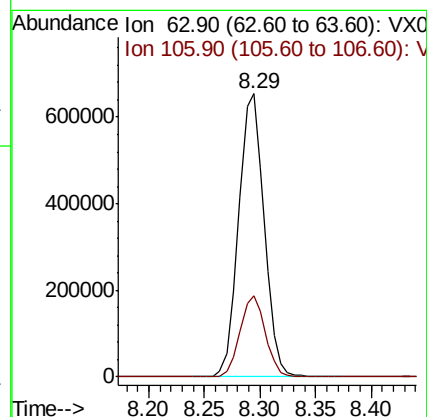
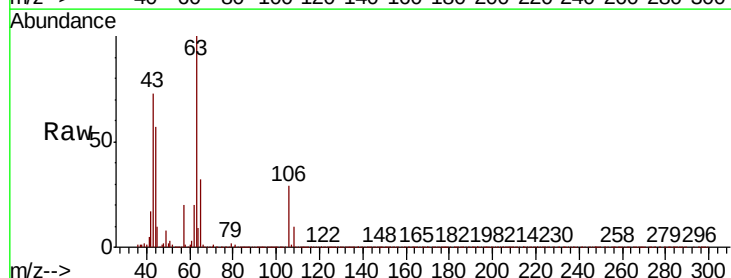
Acq: 10 Apr 2020 12:55

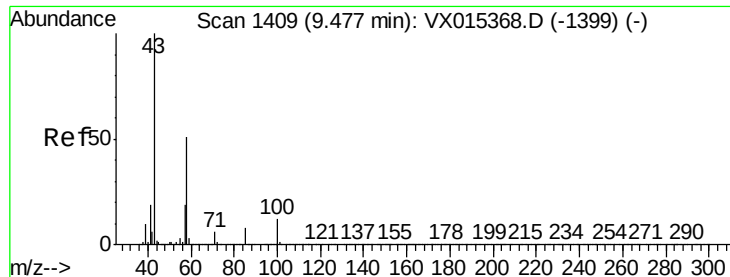
Tgt Ion: 63 Resp: 1032065

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1

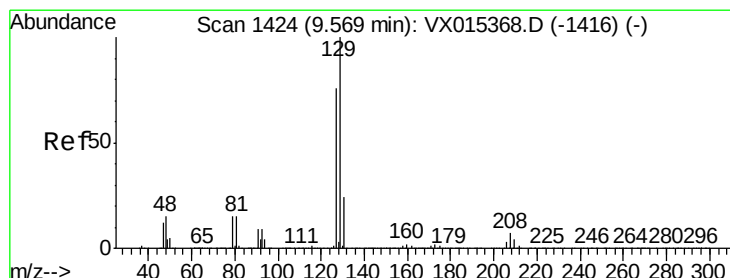
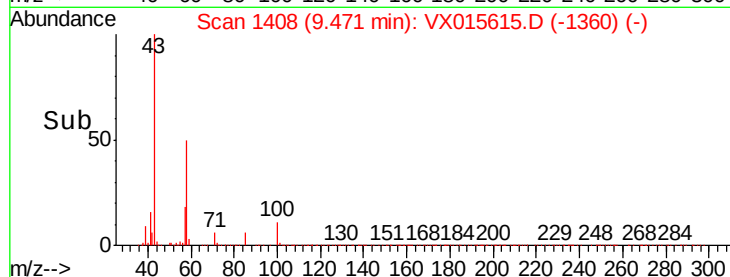
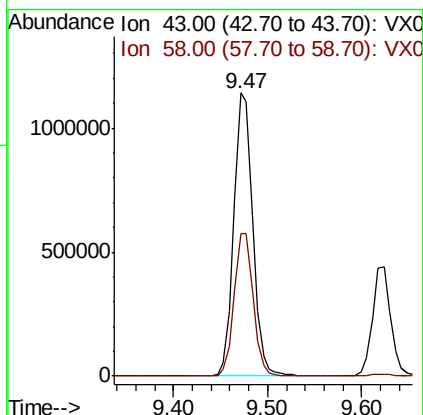
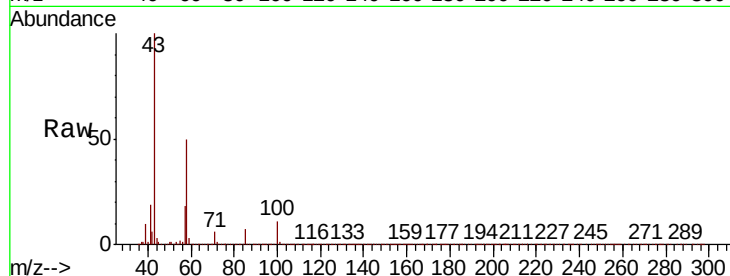




#59
2-Hexanone
Concen: 102.257 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

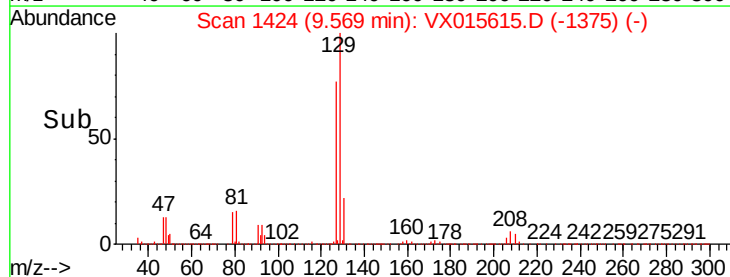
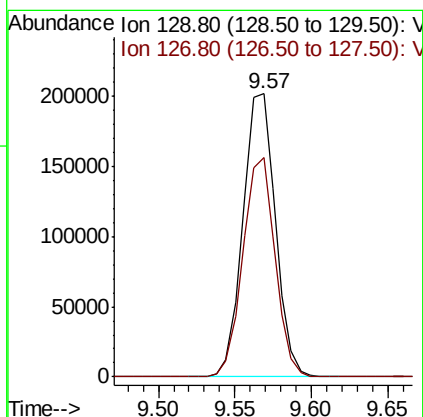
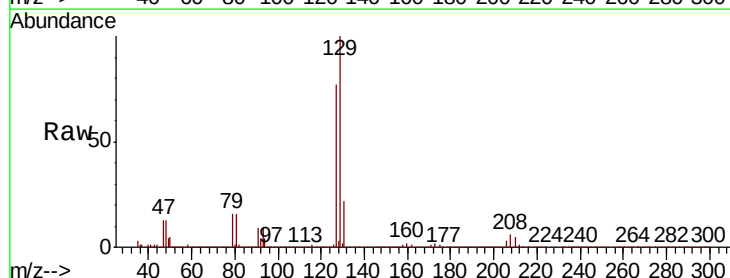
Instrument :
MSVOA_X
ClientSampleId :

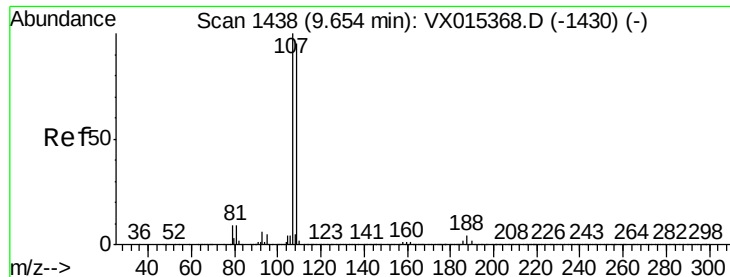
Tot Ion: 43 Resp: 1591169
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6



#60
Dibromochloromethane
Concen: 20.190 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion:129 Resp: 297018
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.796 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

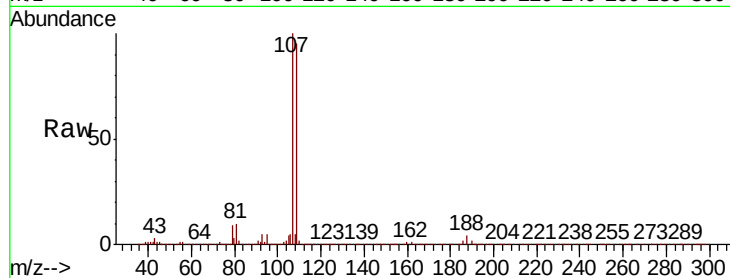
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 263524

Ion Ratio Lower Upper

107 100

109 97.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

150000

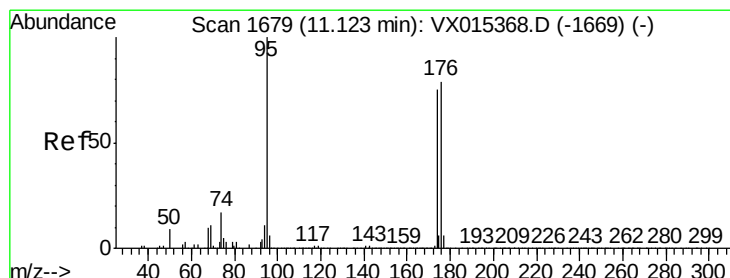
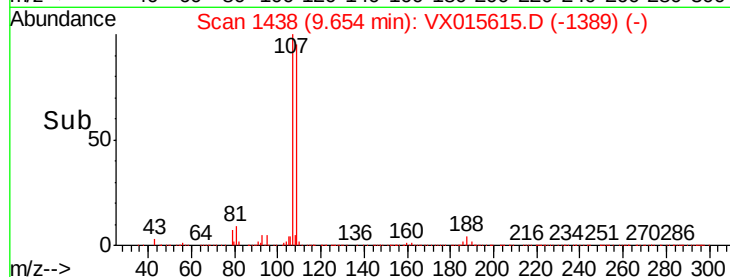
100000

50000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.448 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

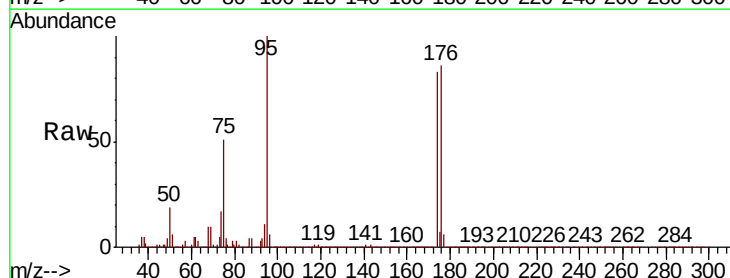
Tgt Ion: 95 Resp: 849288

Ion Ratio Lower Upper

95 100

174 86.0 0.0 158.6

176 82.3 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

600000

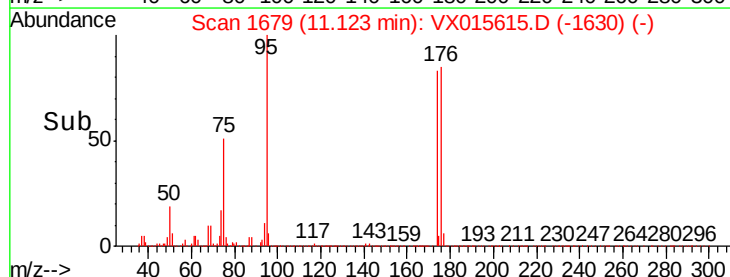
400000

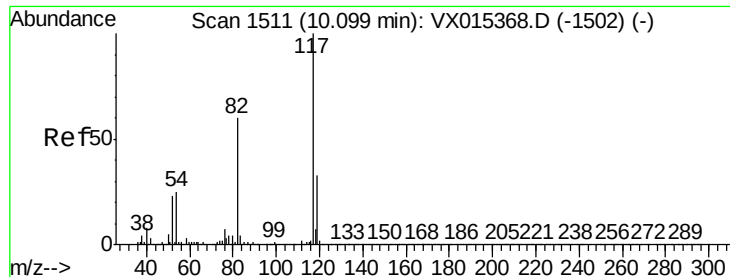
200000

0

Time-->

11.10 11.12 11.20

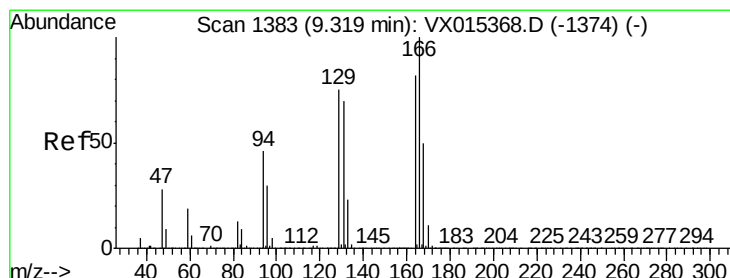
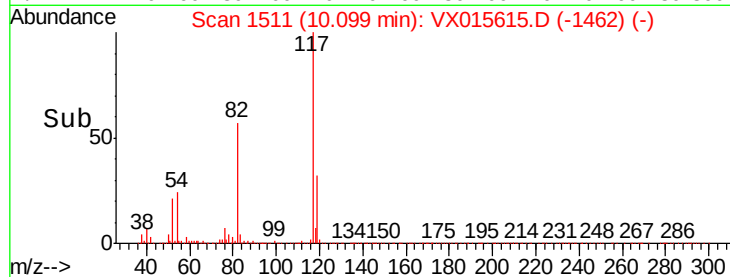
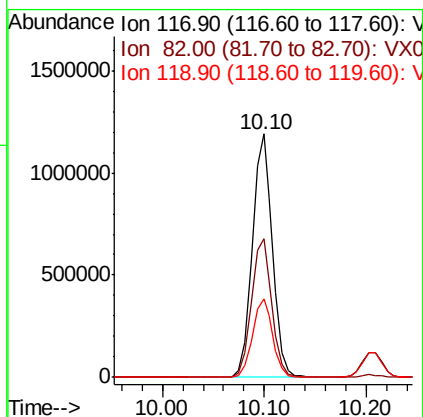
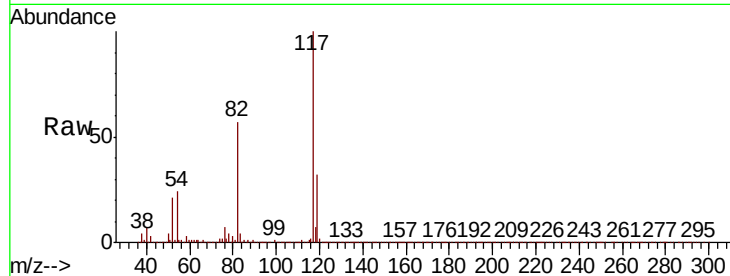




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

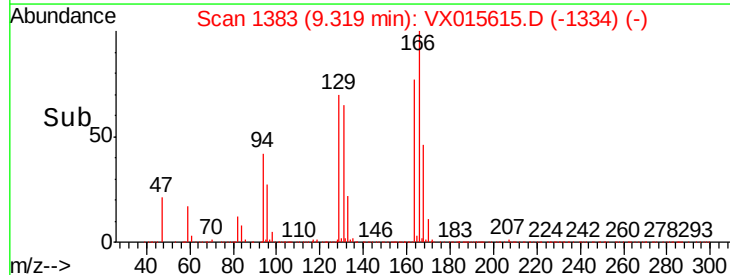
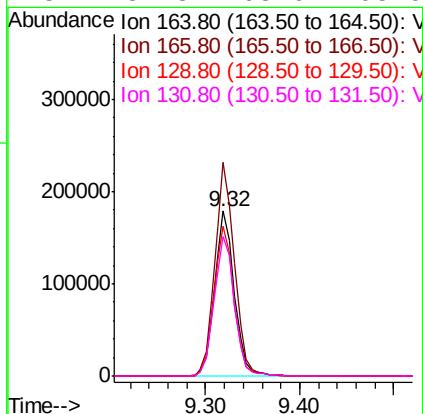
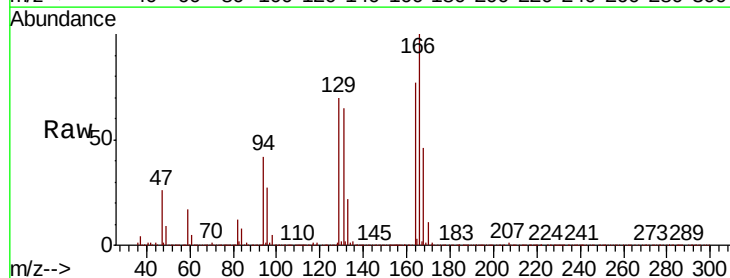
Instrument :
MSVOA_X
ClientSampleId :

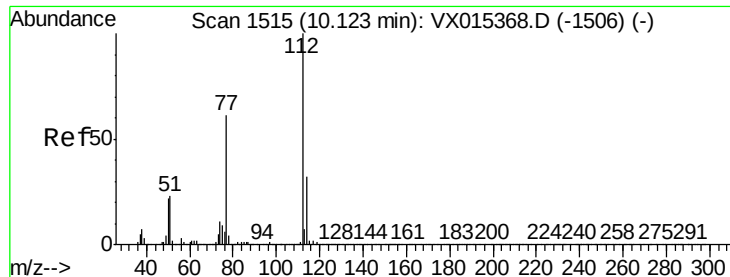
Tot Ion:117 Resp: 1632221
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.8
119 32.1 26.8 40.2



#64
Tetrachloroethene
Concen: 20.936 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion:164 Resp: 257884
Ion Ratio Lower Upper
164 100
166 129.7 97.8 146.6
129 91.2 73.0 109.4
131 84.8 68.6 103.0





#65

Chlorobenzene

Concen: 20.822 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

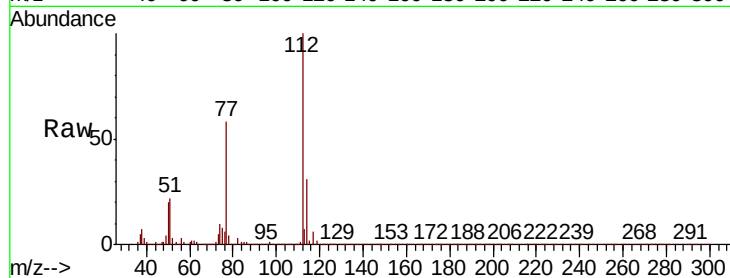
ClientSampled :

Tot Ion:112 Resp: 677779

Ion Ratio Lower Upper

112 100

114 31.2 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

600000

500000

400000

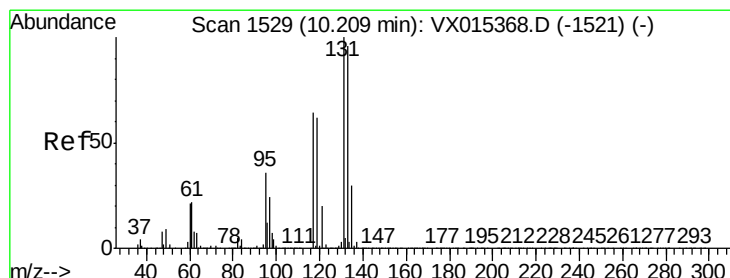
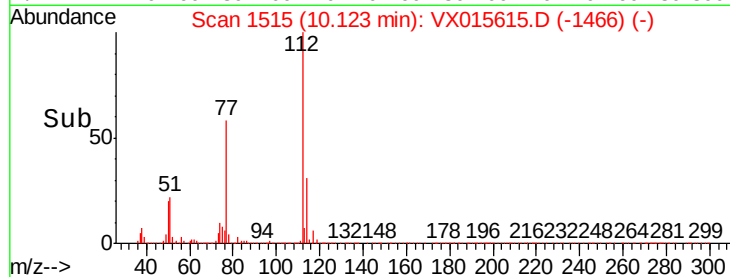
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.371 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

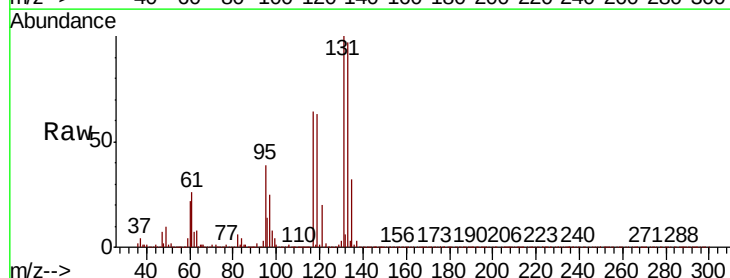
Tgt Ion:131 Resp: 264919

Ion Ratio Lower Upper

131 100

133 95.7 47.6 142.9

119 62.8 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

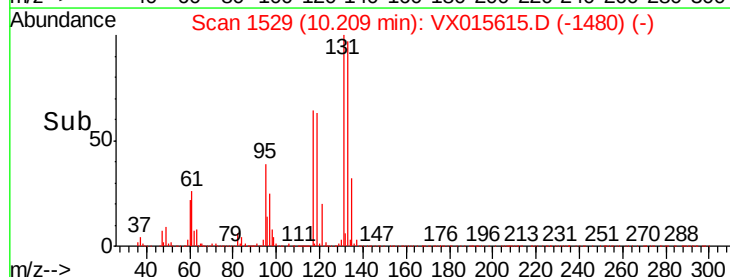
150000

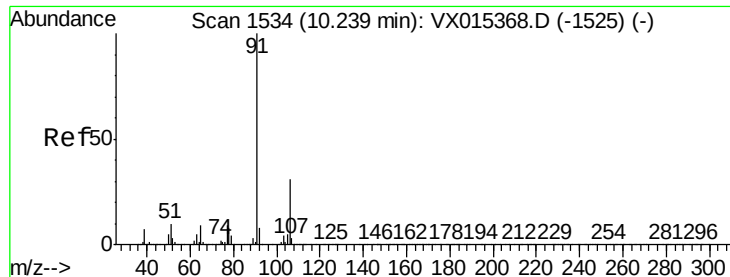
100000

50000

0

Time-->

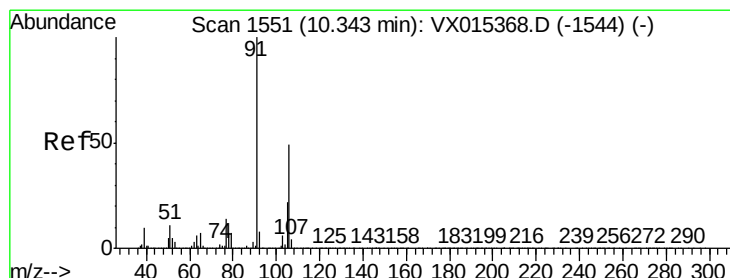
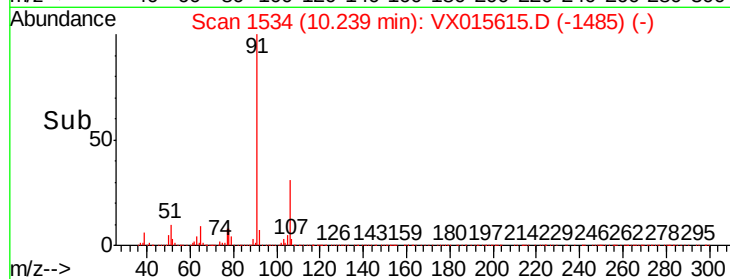
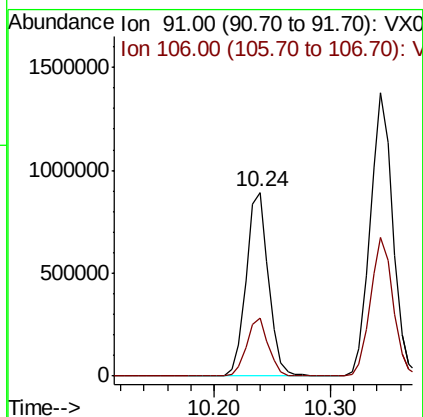
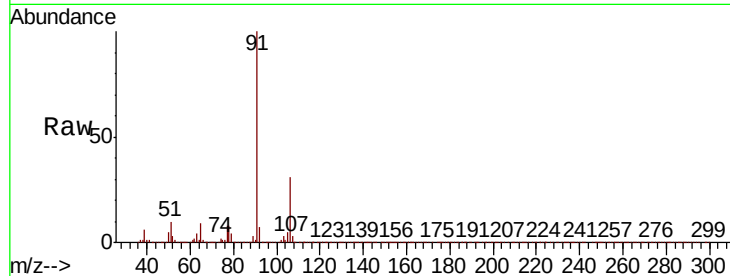




#67
Ethyl Benzene
Concen: 20.735 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

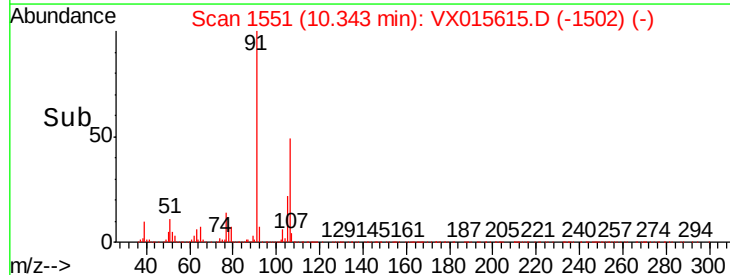
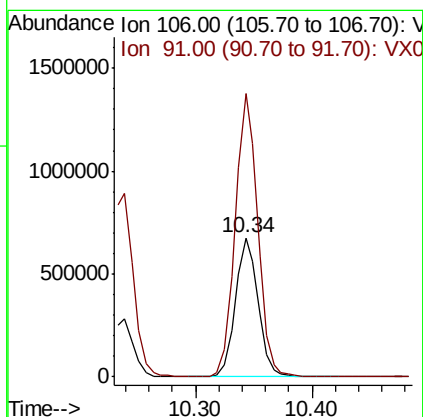
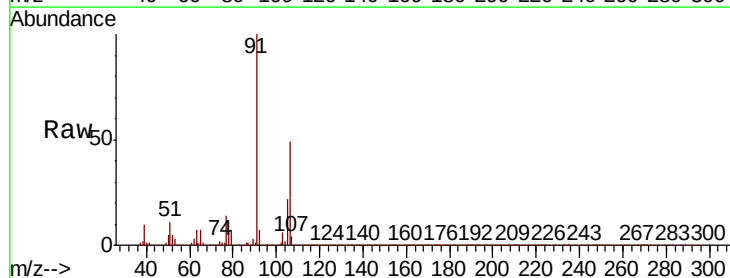
Instrument :
MSVOA_X
ClientSampled :

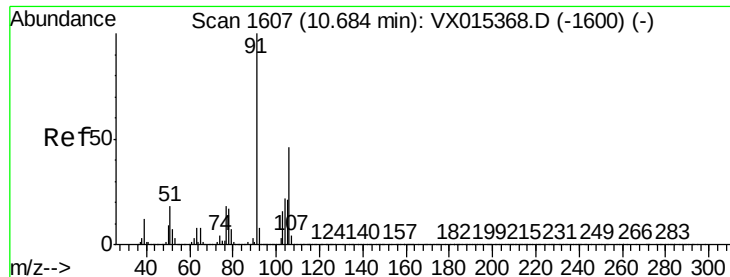
Tot Ion: 91 Resp: 1197089
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2



#68
m/p-Xylenes
Concen: 42.463 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion:106 Resp: 912864
Ion Ratio Lower Upper
106 100
91 203.1 163.4 245.0

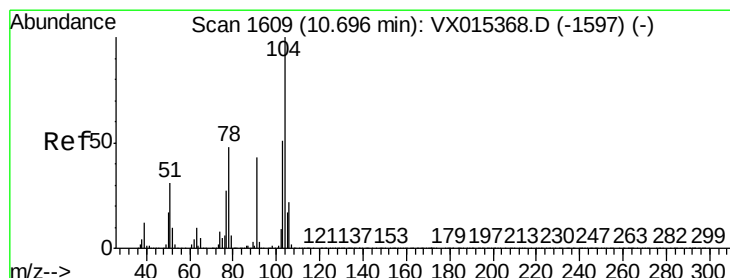
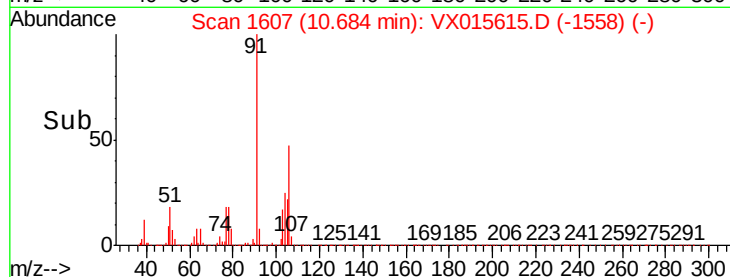
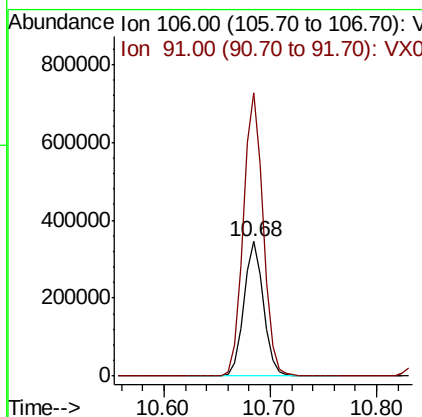
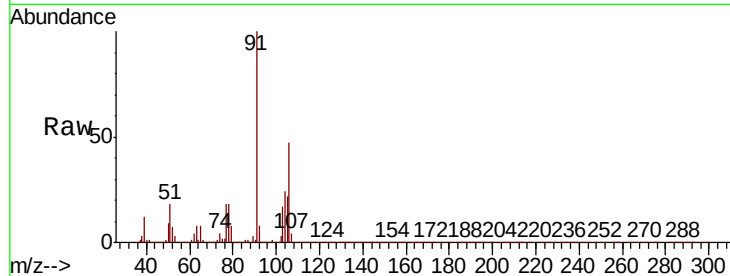




#69
o-Xylene
Concen: 20.974 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

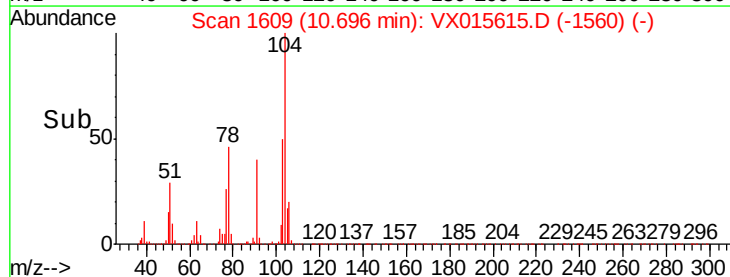
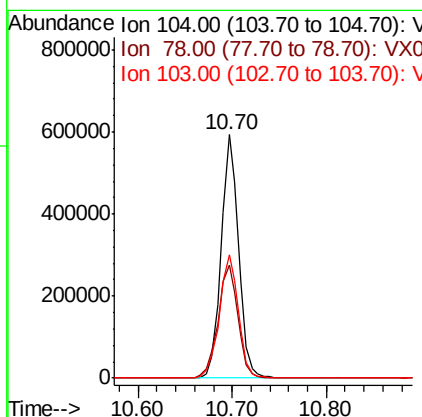
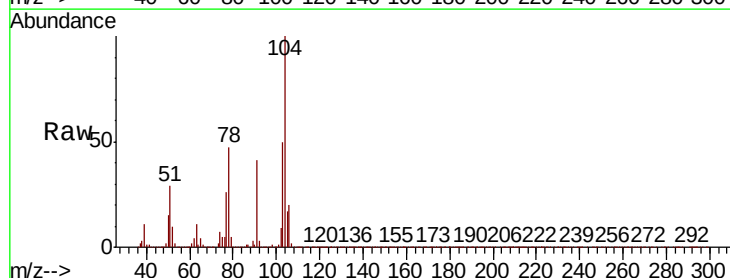
Instrument :
MSVOA_X
ClientSampled :

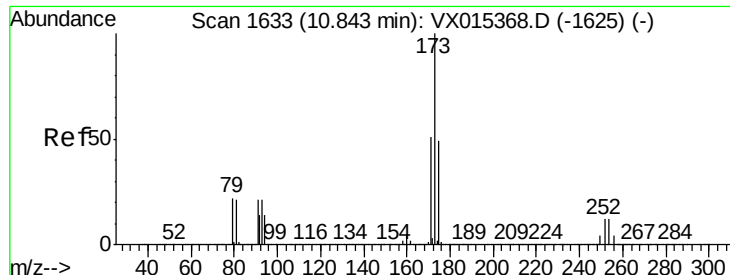
Tot Ion:106 Resp: 445559
Ion Ratio Lower Upper
106 100
91 214.0 107.1 321.3



#70
Styrene
Concen: 20.253 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion:104 Resp: 757105
Ion Ratio Lower Upper
104 100
78 53.1 42.0 63.0
103 55.6 43.4 65.0





#71

Bromoform

Concen: 18.577 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

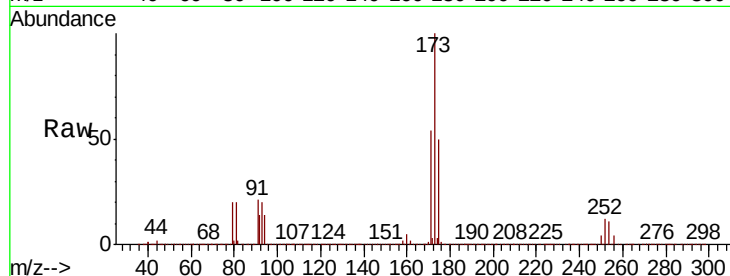
Tot Ion:173 Resp: 219920

Ion Ratio Lower Upper

173 100

175 50.5 23.9 71.7

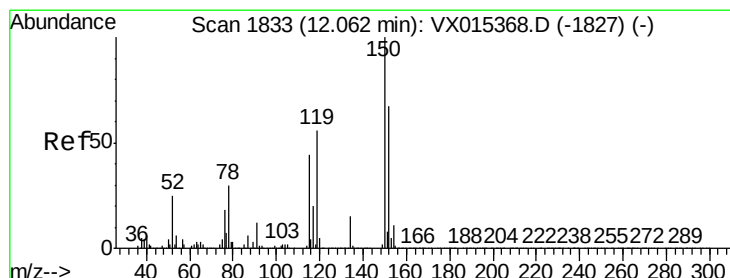
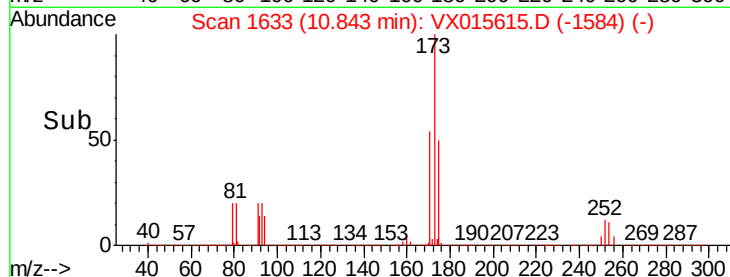
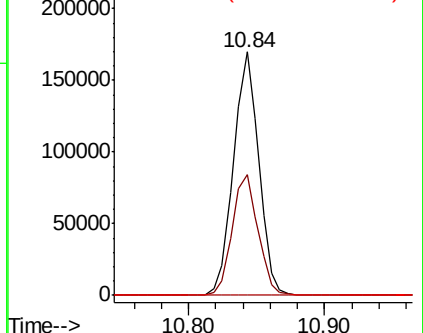
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

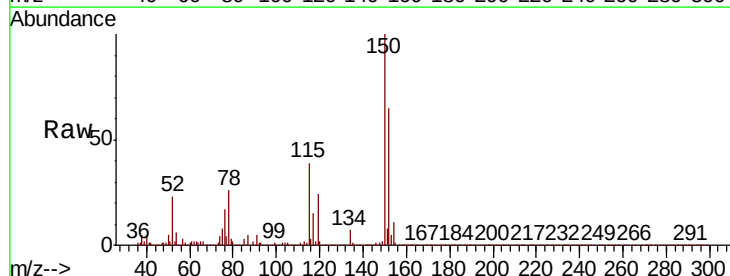
Tgt Ion:152 Resp: 882851

Ion Ratio Lower Upper

152 100

115 66.1 39.0 116.9

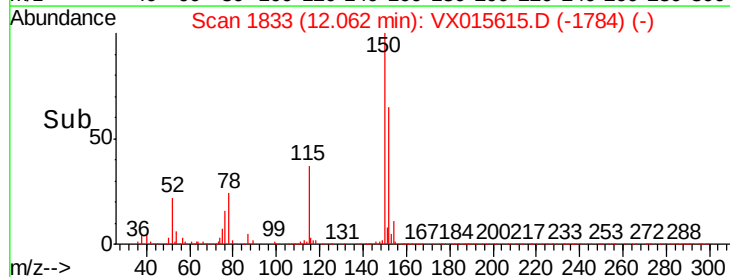
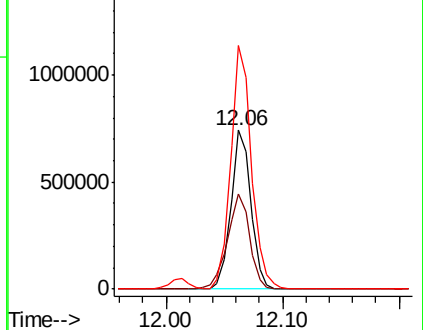
150 159.7 0.0 340.8

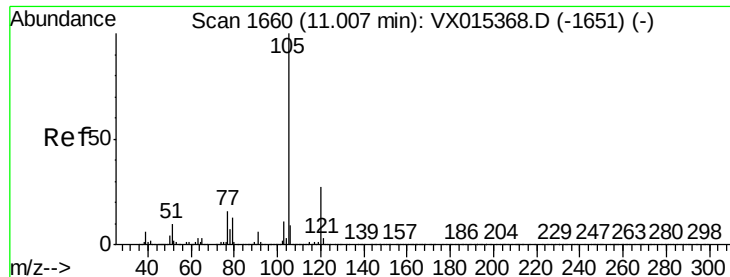


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.381 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

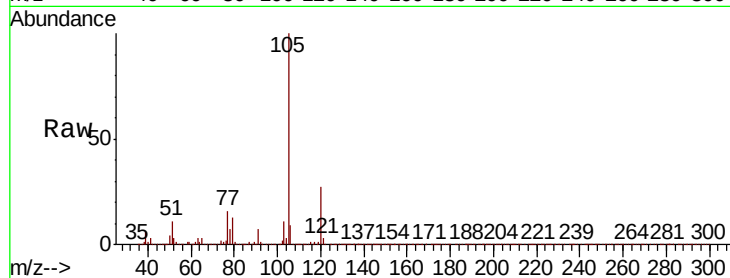
ClientSampleId :

Tot Ion:105 Resp: 1178984

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

800000

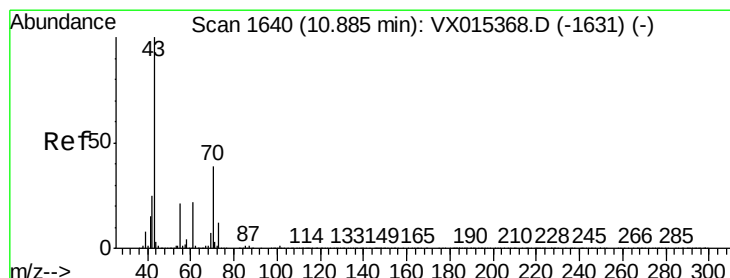
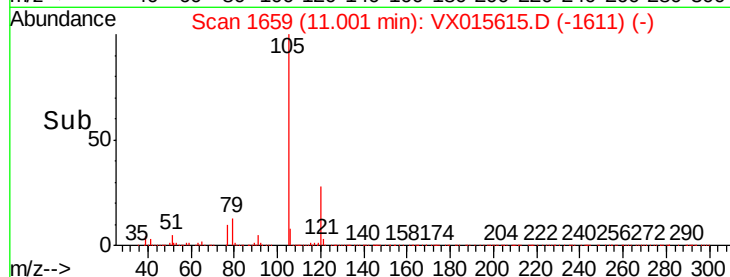
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.659 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion: 43 Resp: 600311

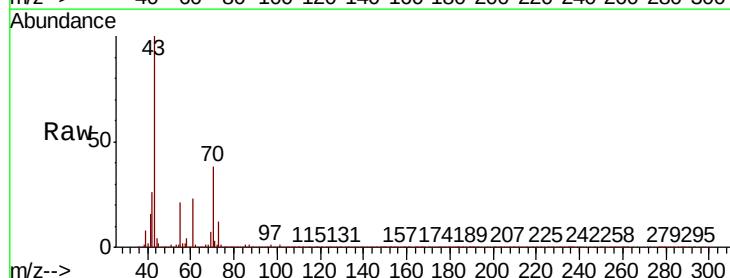
Ion Ratio Lower Upper

43 100

70 38.6 30.2 45.4

55 21.8 16.8 25.2

61 22.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

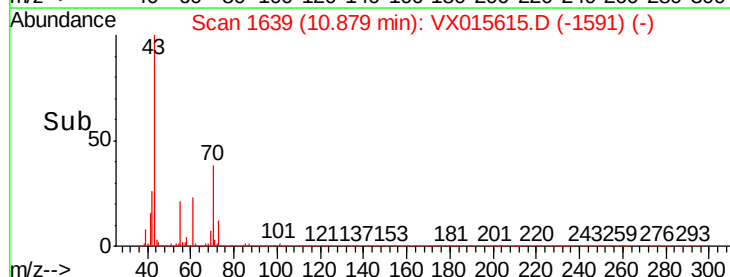
600000

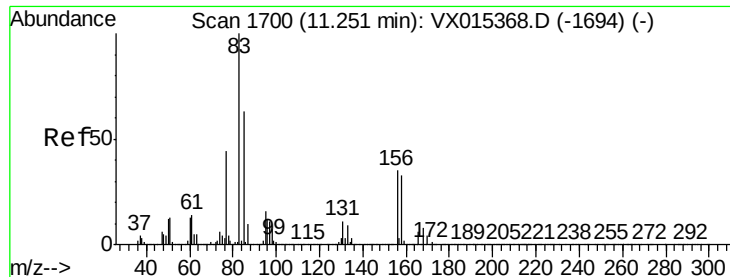
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.472 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

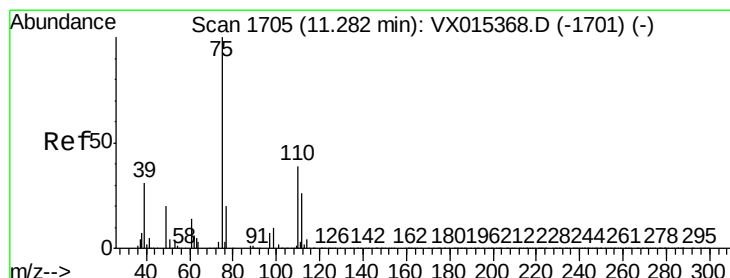
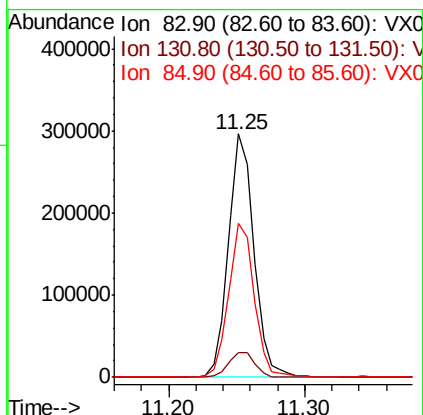
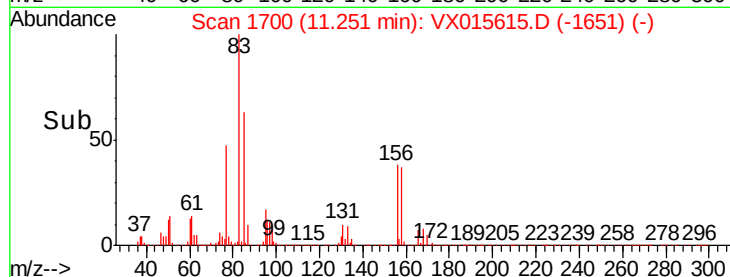
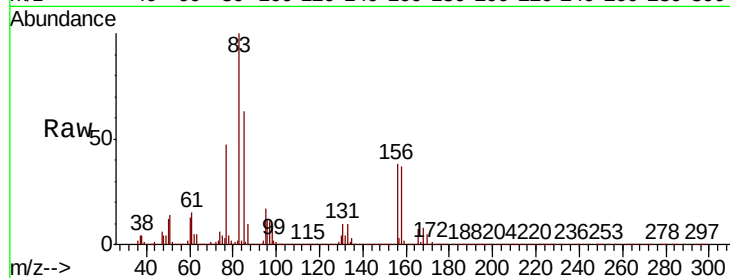
Tot Ion: 83 Resp: 386512

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 25.065 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015615.D

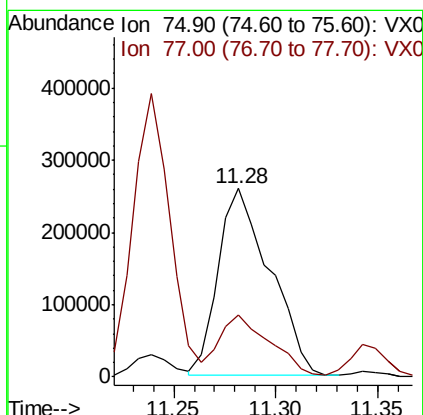
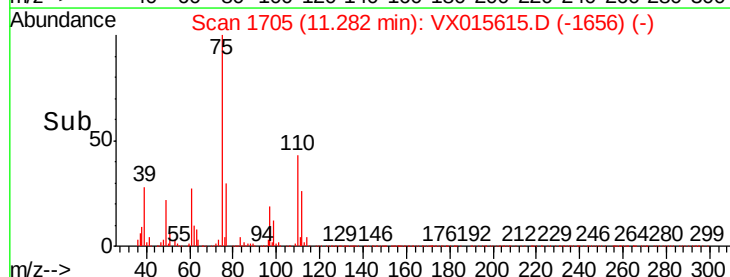
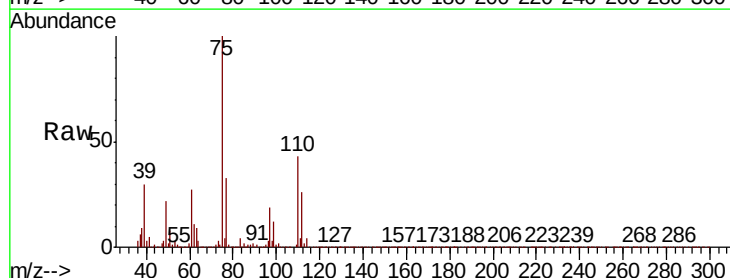
Acq: 10 Apr 2020 12:55

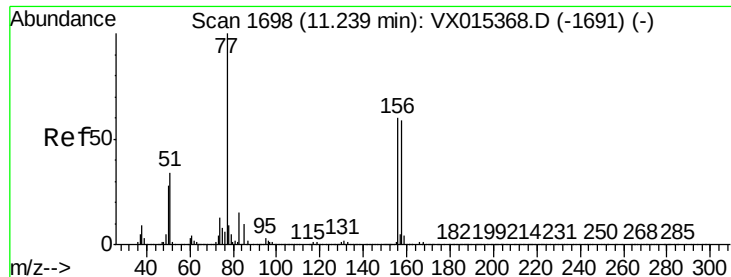
Tgt Ion: 75 Resp: 455061

Ion Ratio Lower Upper

75 100

77 32.4 21.2 63.6





#77

Bromobenzene

Concen: 20.506 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

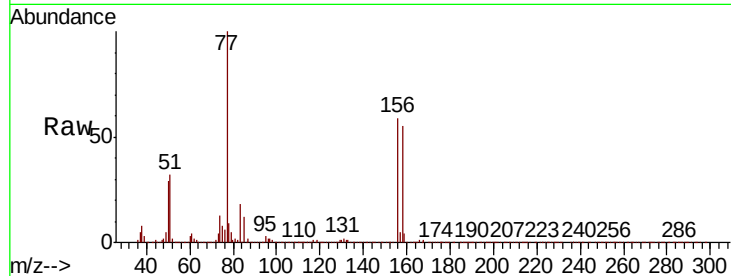
Tot Ion:156 Resp: 316407

Ion Ratio Lower Upper

156 100

77 157.3 82.2 246.5

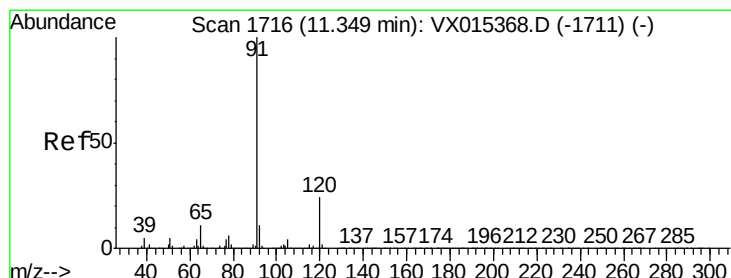
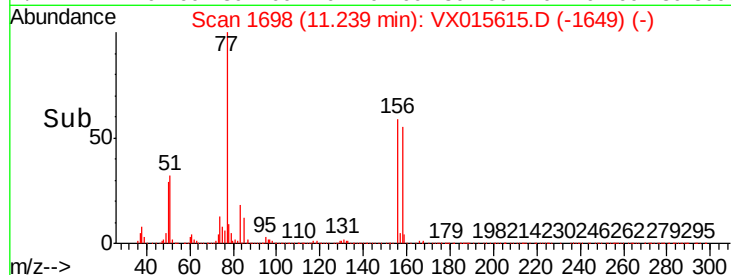
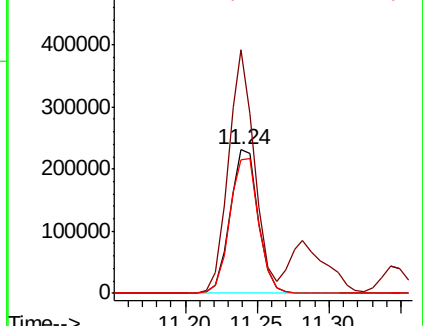
158 96.4 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.392 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015615.D

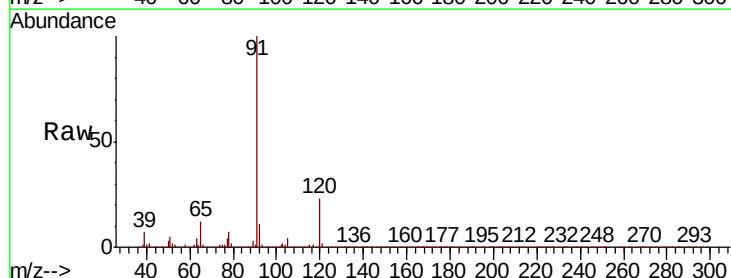
Acq: 10 Apr 2020 12:55

Tgt Ion: 91 Resp: 1348834

Ion Ratio Lower Upper

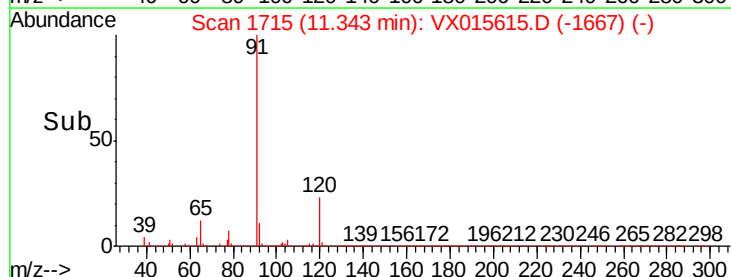
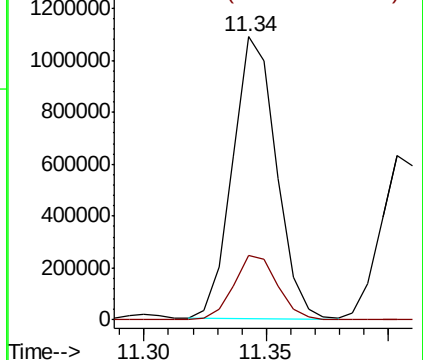
91 100

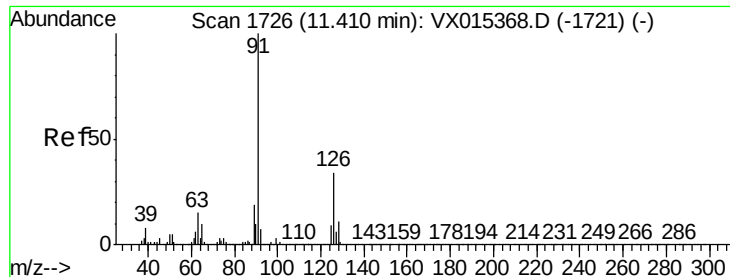
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.038 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

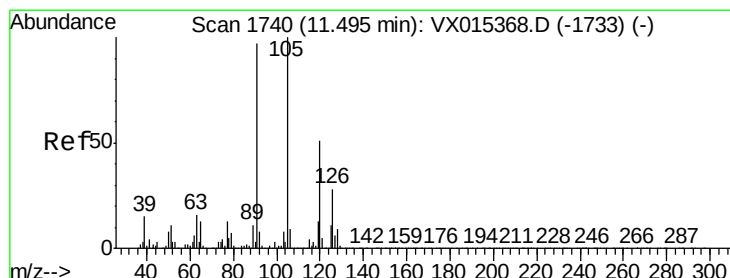
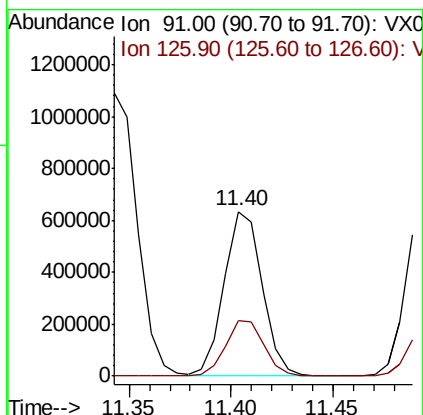
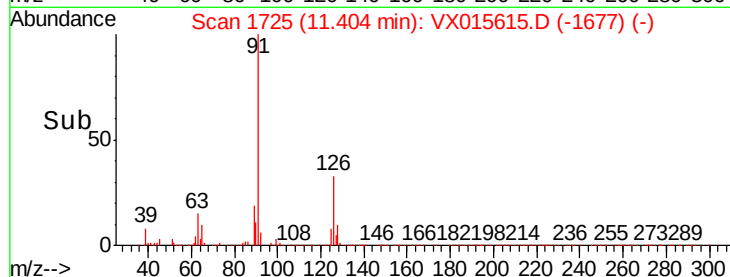
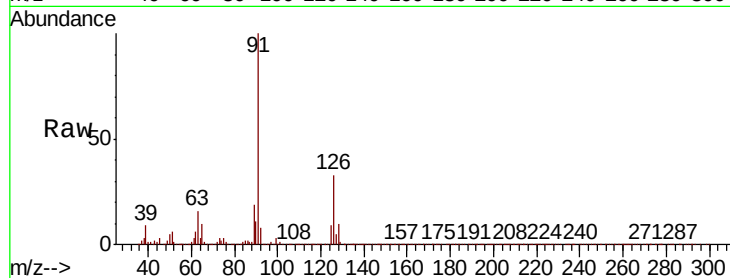
ClientSampleId :

Tot Ion: 91 Resp: 812398

Ion Ratio Lower Upper

91 100

126 34.1 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 20.550 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015615.D

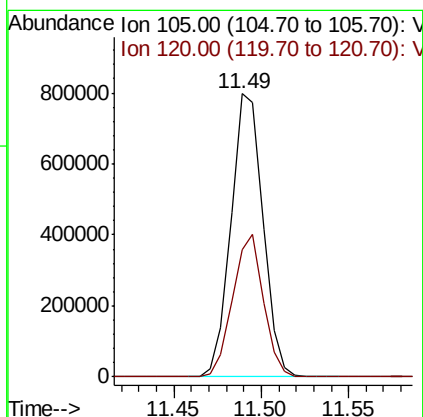
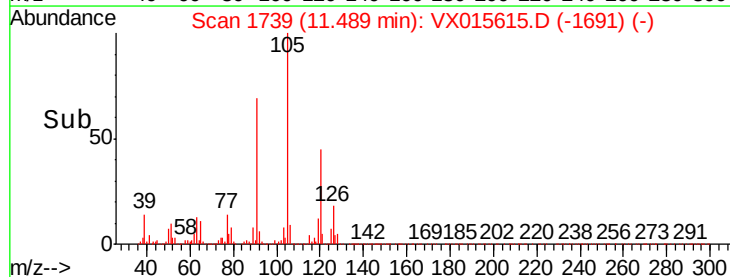
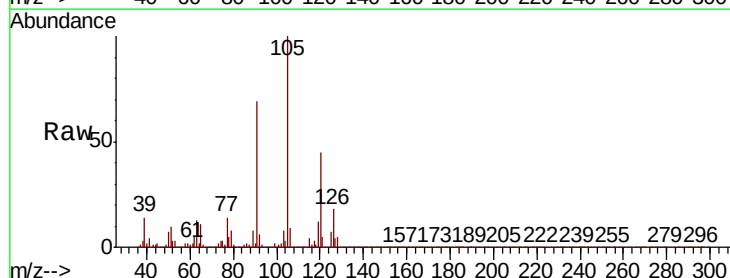
Acq: 10 Apr 2020 12:55

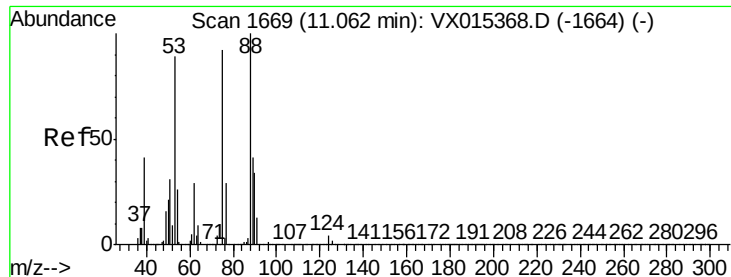
Tgt Ion: 105 Resp: 1015242

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.707 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

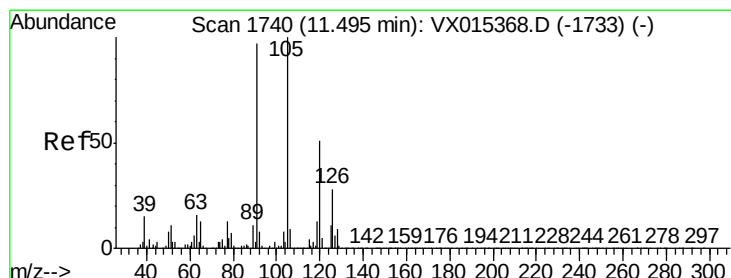
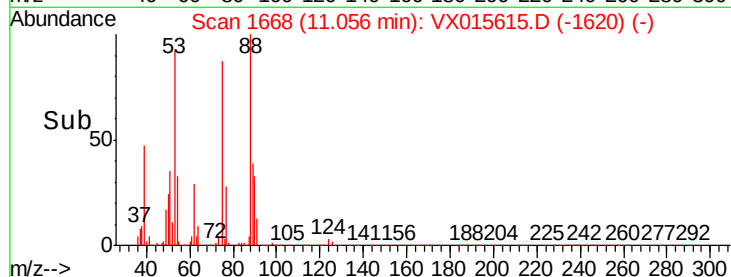
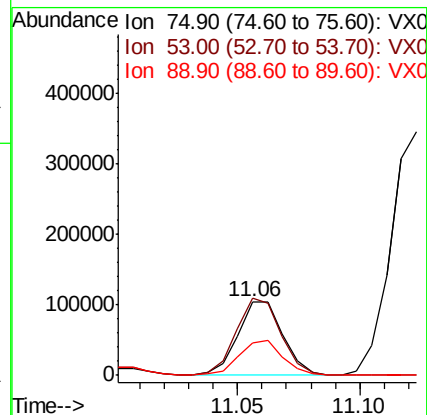
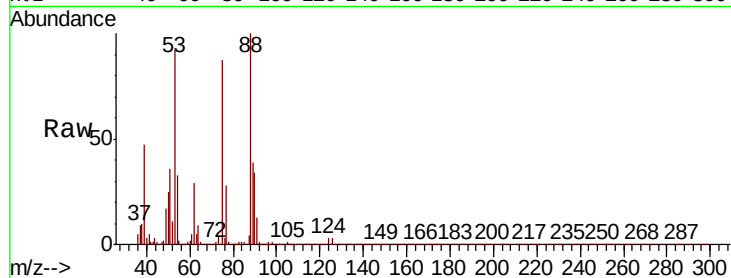
Tot Ion: 75 Resp: 133978

Ion Ratio Lower Upper

75 100

53 103.2 80.1 120.1

89 46.7 36.1 54.1



#82

4-Chlorotoluene

Concen: 20.310 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015615.D

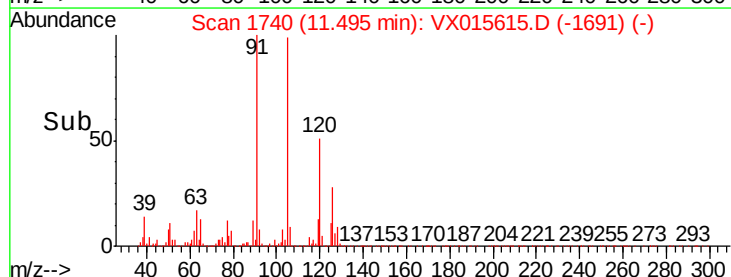
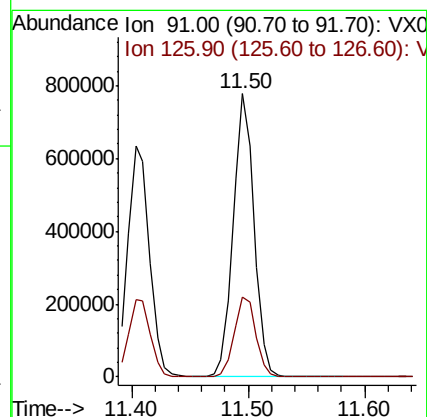
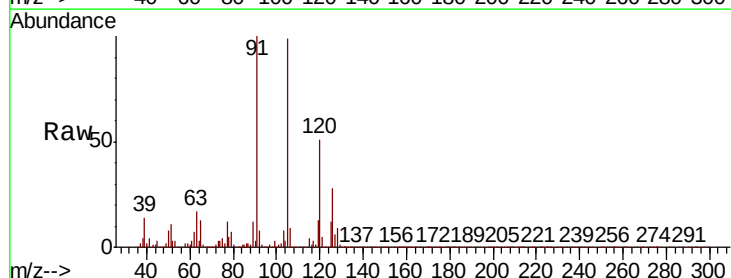
Acq: 10 Apr 2020 12:55

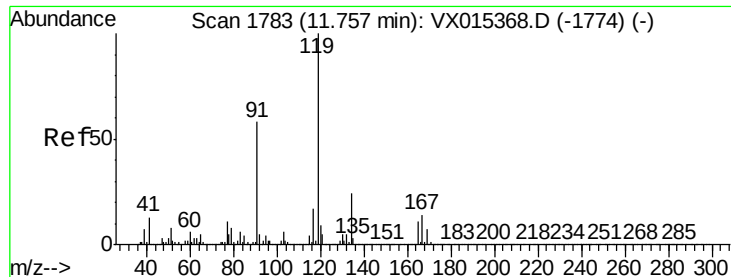
Tgt Ion: 91 Resp: 965290

Ion Ratio Lower Upper

91 100

126 29.7 14.7 44.1



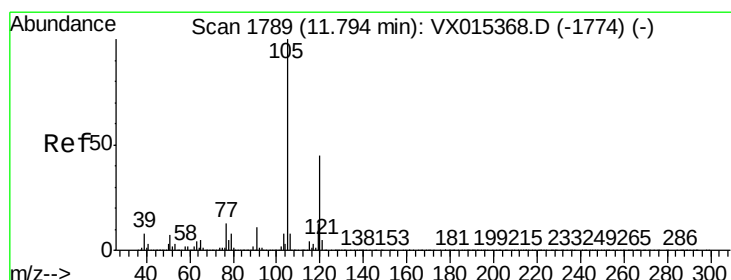
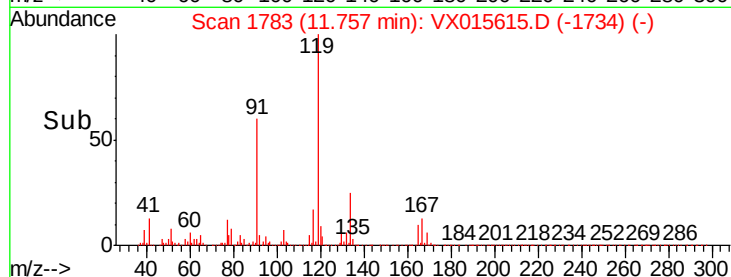
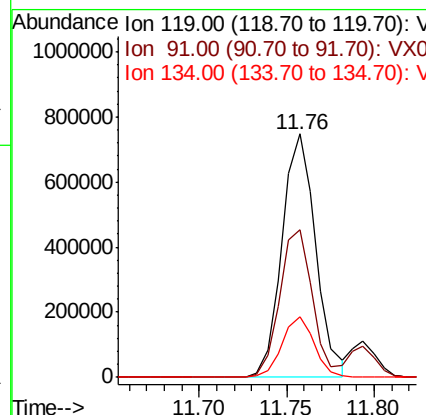
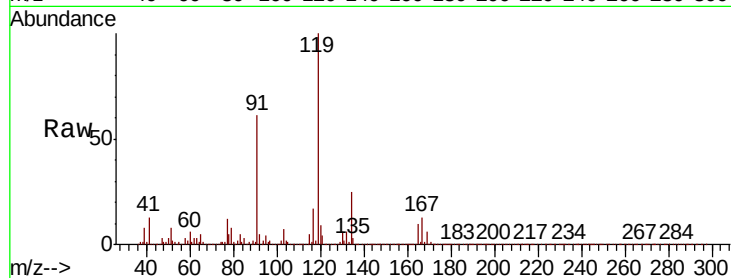


#83
 tert-Butylbenzene
 Concen: 20.825 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 1004907

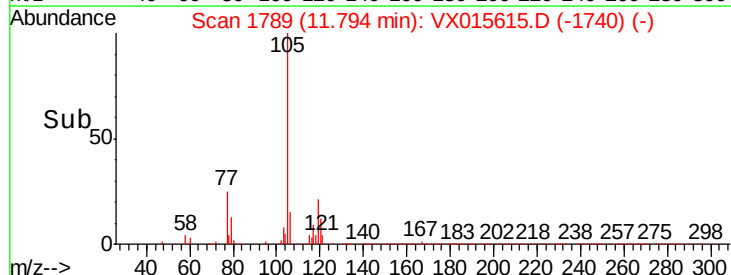
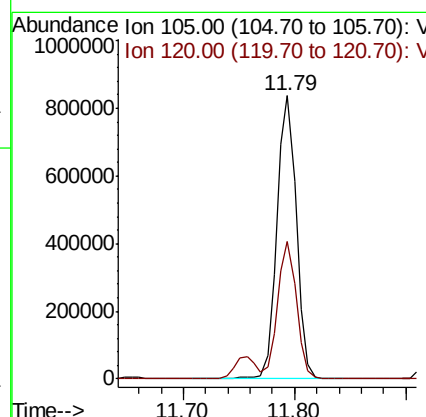
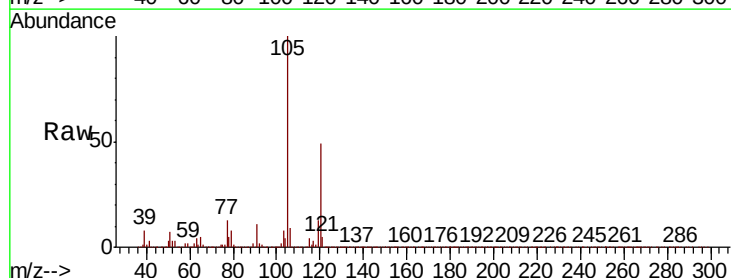
Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.6	85.8
134	23.4	11.8	35.3

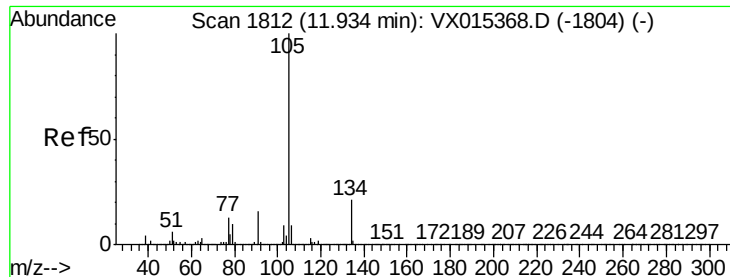


#84
 1,2,4-Trimethylbenzene
 Concen: 20.225 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion:105 Resp: 1018200

Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.829 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

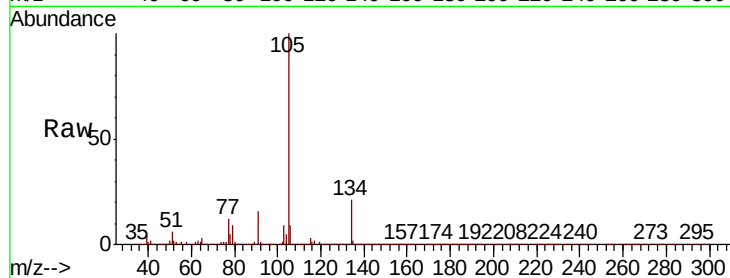
ClientSampleId :

Tot Ion:105 Resp: 1162441

Ion Ratio Lower Upper

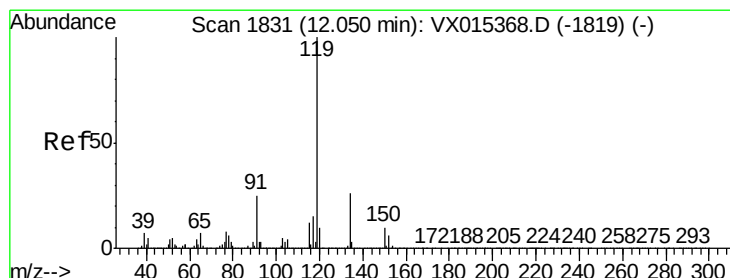
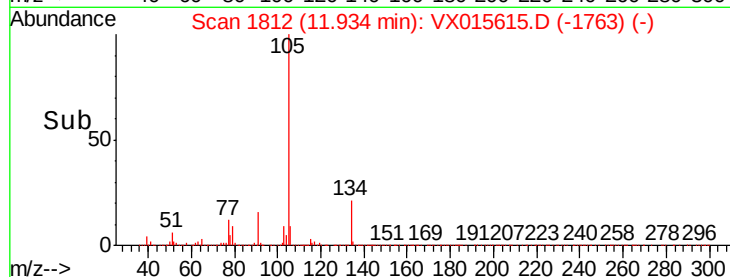
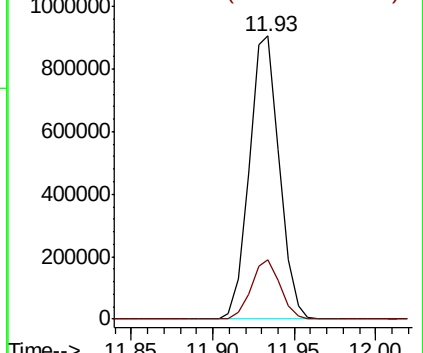
105 100

134 20.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.195 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

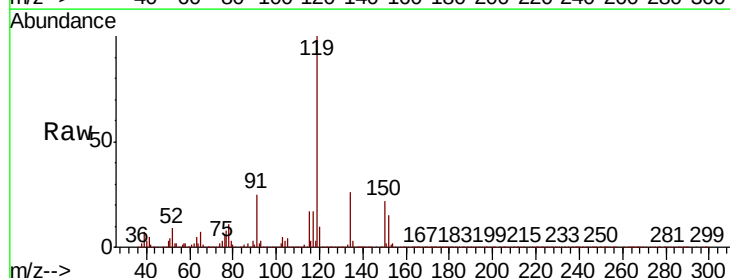
Tgt Ion:119 Resp: 1098149

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

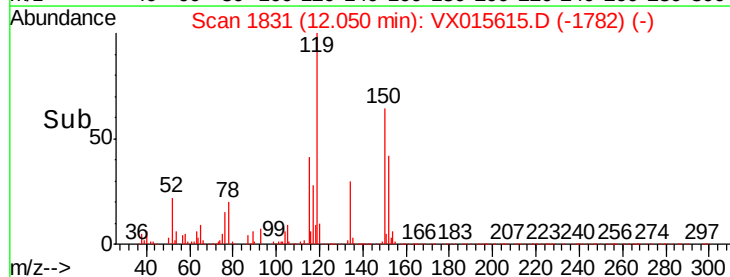
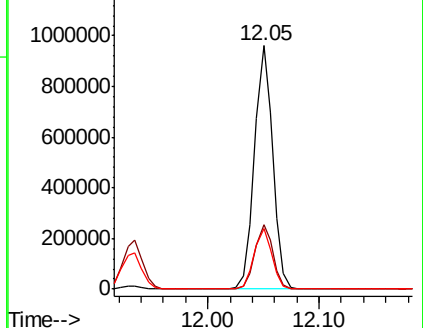
91 24.4 12.4 37.4

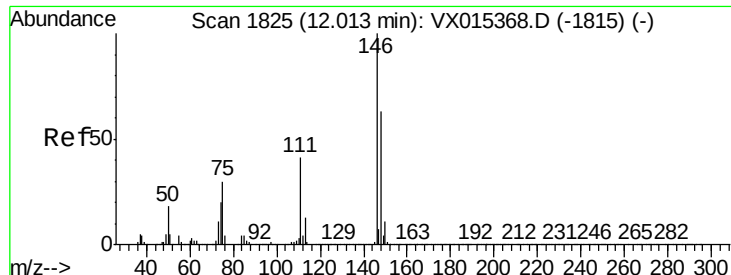


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

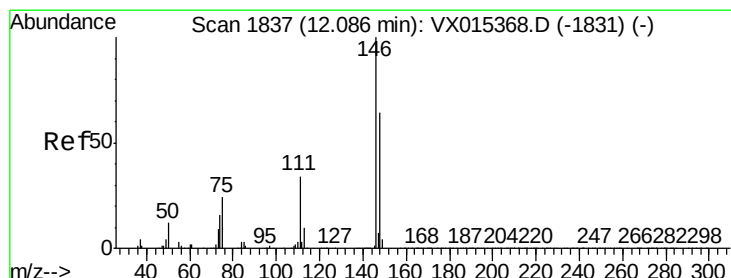
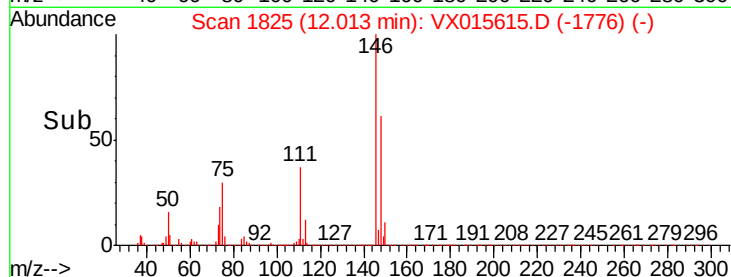
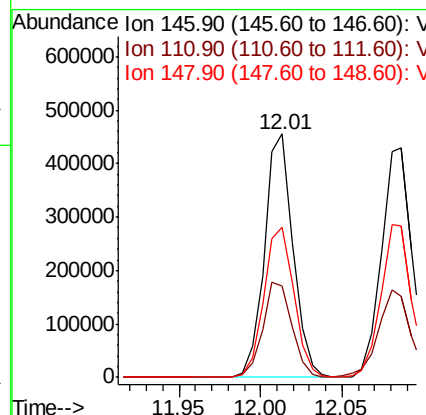
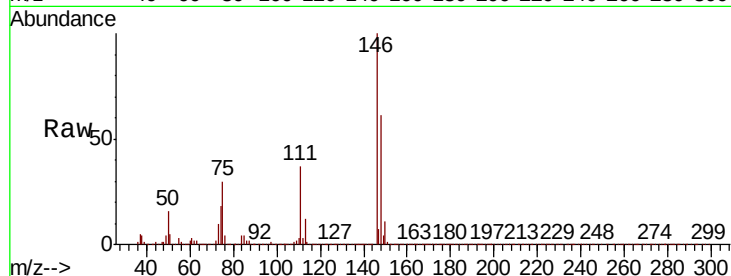




#87
 1,3-Dichlorobenzene
 Concen: 20.022 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

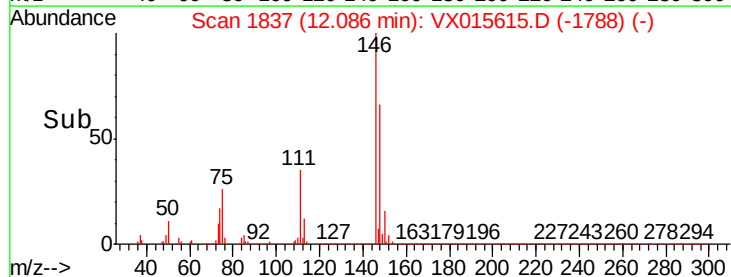
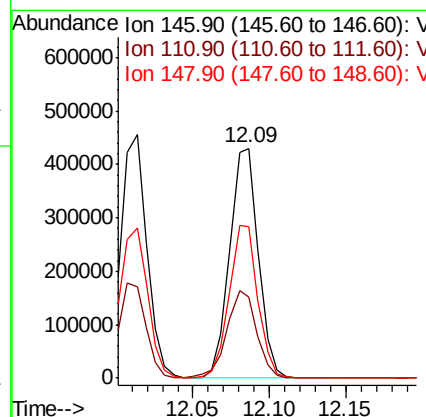
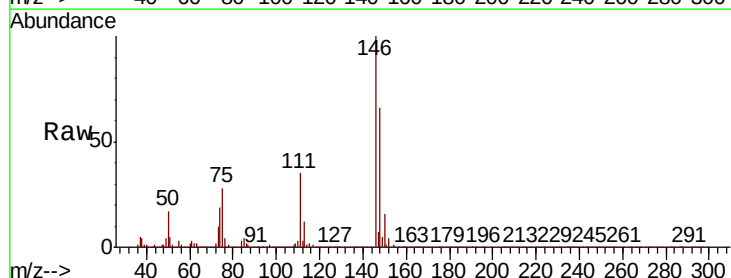
Instrument :
 MSVOA_X
 ClientSampleId :

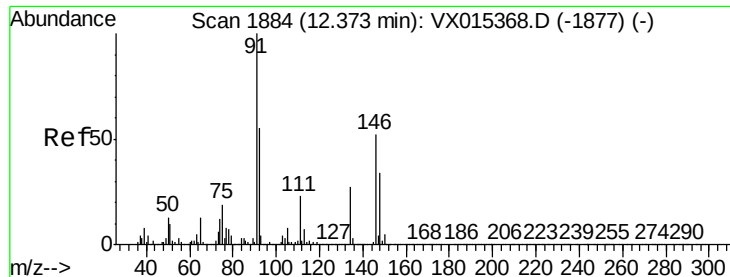
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.9
148	64.5	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.802 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.5
148	66.0	32.4	97.2





#89

n-Butylbenzene

Concen: 20.661 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampled :

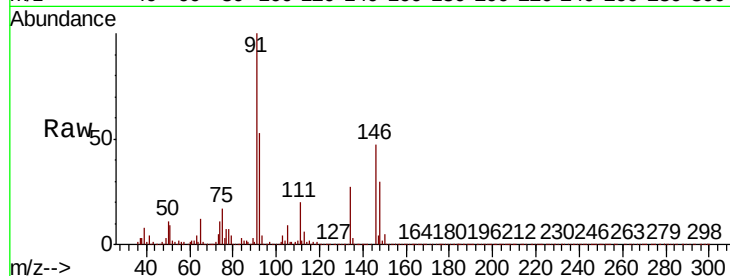
Tot Ion: 91 Resp: 967327

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.5

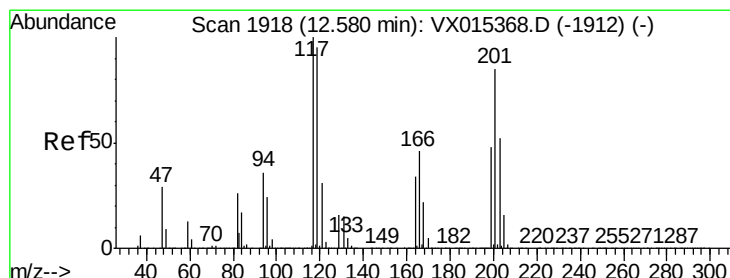
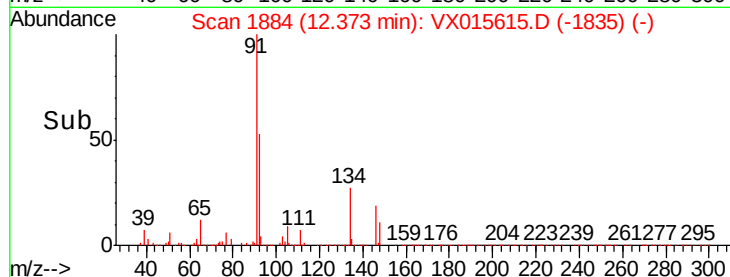
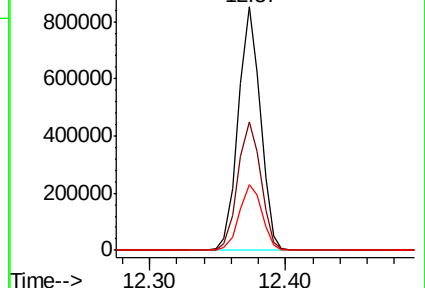
134 27.7 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.387 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015615.D

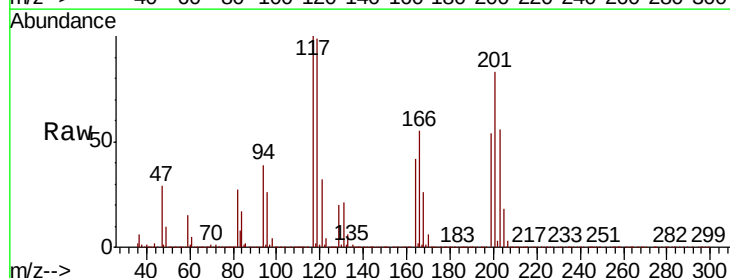
Acq: 10 Apr 2020 12:55

Tgt Ion: 117 Resp: 185421

Ion Ratio Lower Upper

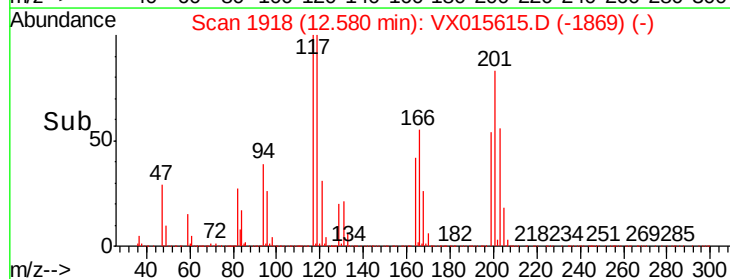
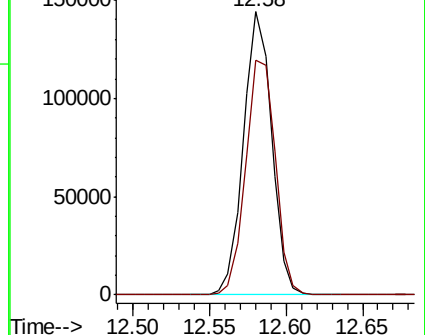
117 100

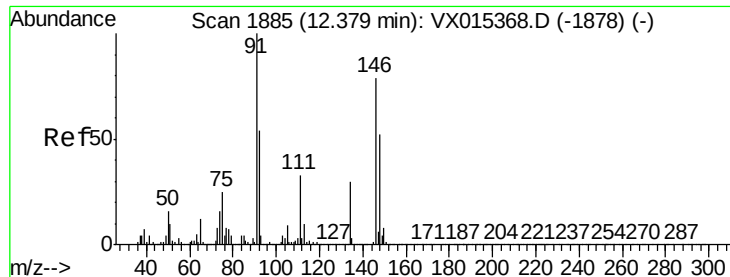
201 87.3 42.6 128.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.216 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

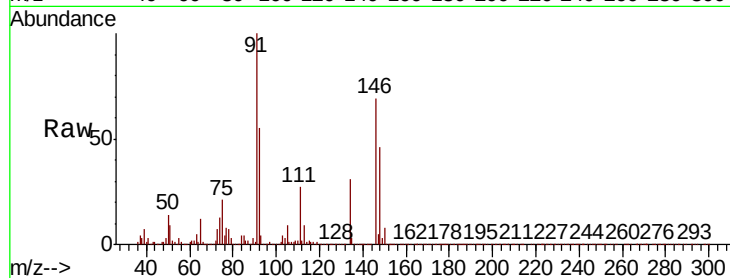
Tot Ion:146 Resp: 546474

Ion Ratio Lower Upper

146 100

111 41.4 21.0 63.0

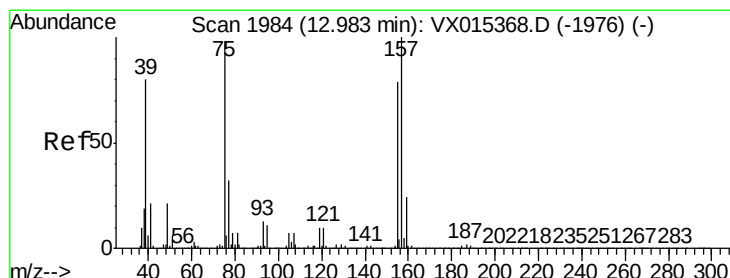
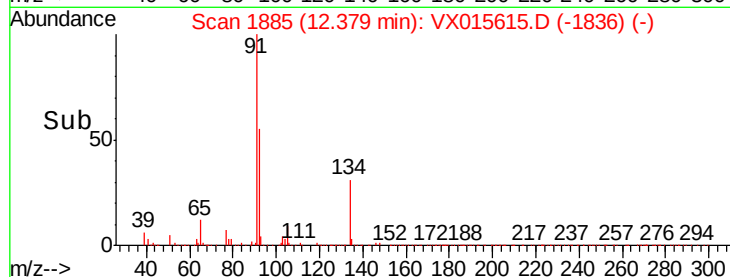
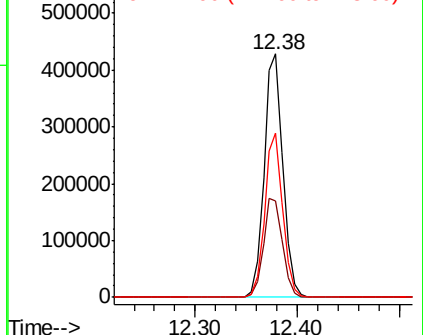
148 64.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.798 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

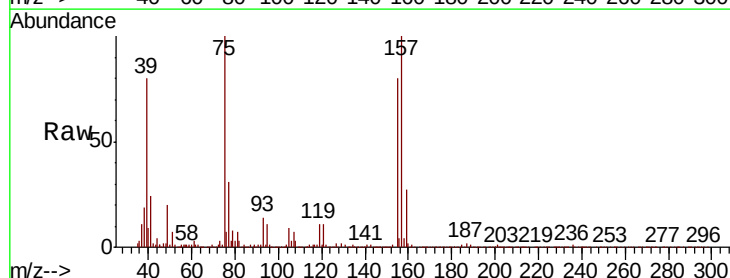
Tgt Ion: 75 Resp: 94110

Ion Ratio Lower Upper

75 100

155 86.5 42.8 128.4

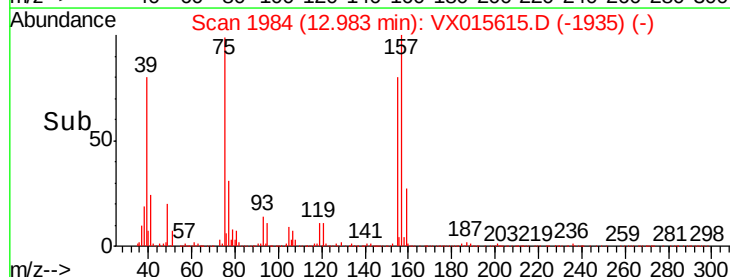
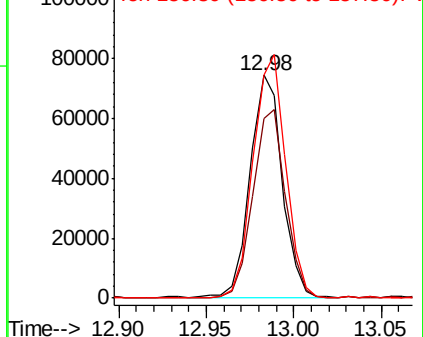
157 110.9 53.4 160.3

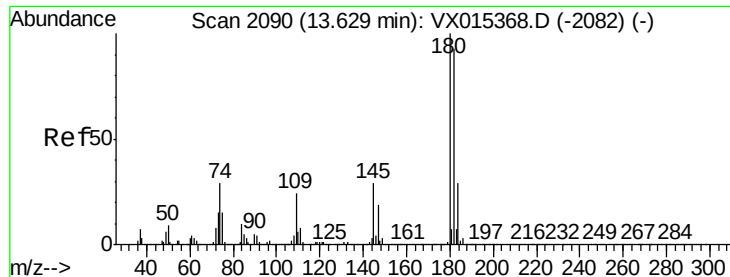


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

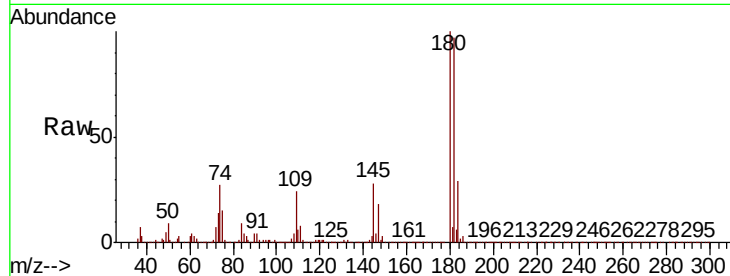




#93
 1,2,4-Trichlorobenzene
 Concen: 20.860 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.9	140.7
145	28.8	14.9	44.5

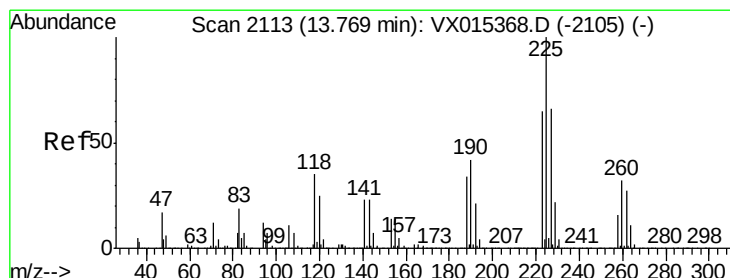
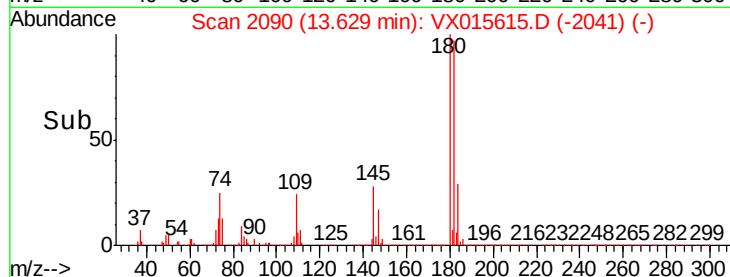
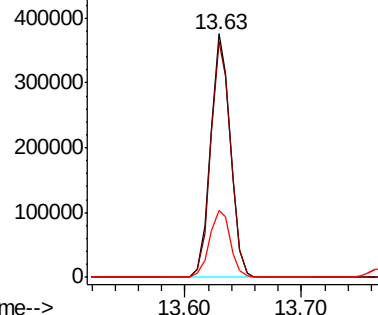


Abundance

Ion 179.80 (179.50 to 180.50): V

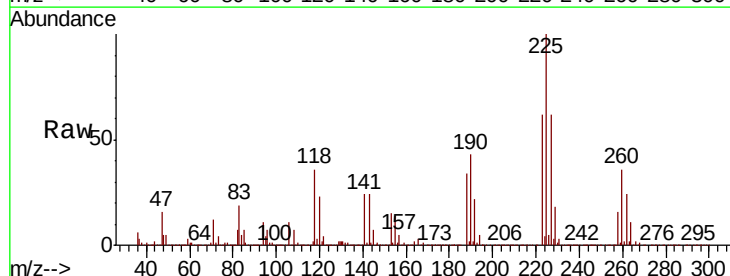
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.616 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	63.2	30.4	91.3

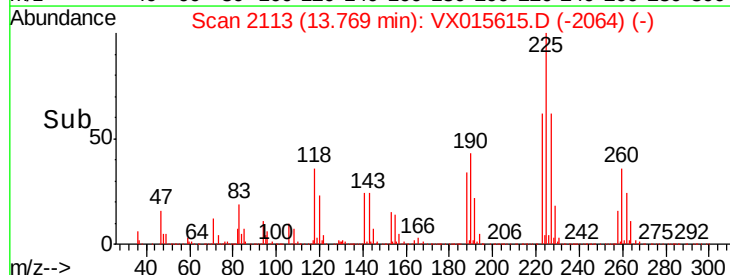
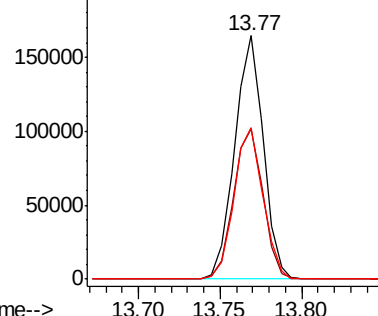


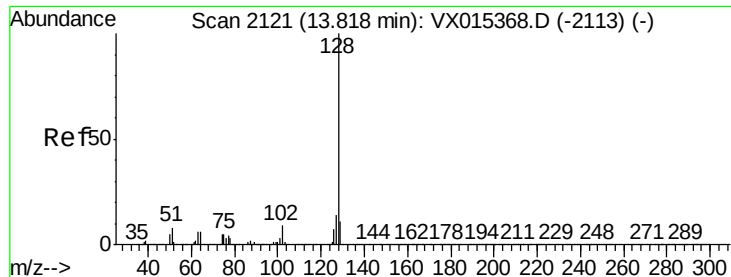
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

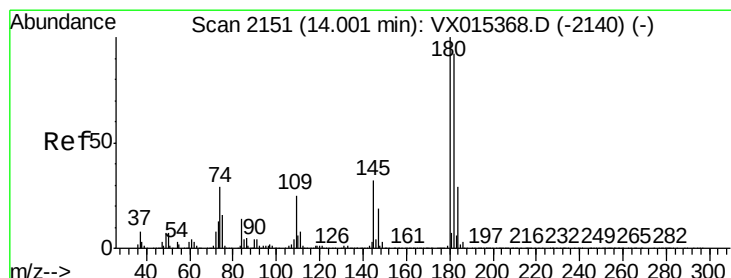
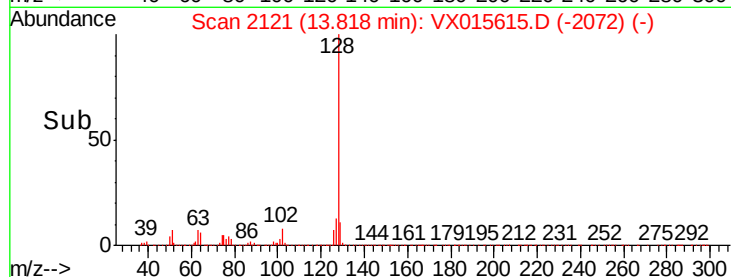
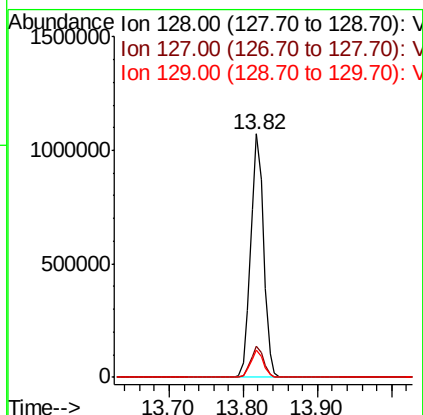
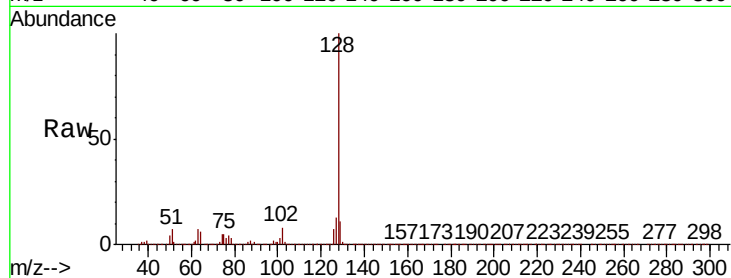




#95
Naphthalene
Concen: 20.089 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1310305
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.100 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion:180 Resp: 413801
Ion Ratio Lower Upper
180 100
182 98.4 46.7 140.0
145 32.4 15.8 47.3

