

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015639.D
 Acq On : 10 Apr 2020 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 00:37:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1062420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1635102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1545498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	823357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	733046	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	5.47	113	554499	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.70	98	2020760	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.12	95	838608	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	444975	47.539	ug/l	99
3) Chloromethane	1.31	50	543147	45.566	ug/l	98
4) Vinyl Chloride	1.39	62	547326	50.006	ug/l	100
5) Bromomethane	1.62	94	292484	59.509	ug/l	99
6) Chloroethane	1.71	64	349438	51.477	ug/l	99
7) Trichlorofluoromethane	1.92	101	772491	52.627	ug/l	98
8) Diethyl Ether	2.17	74	317975	51.359	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	486331	50.824	ug/l	98
10) Methyl Iodide	2.49	142	526058	40.775	ug/l	98
11) Tert butyl alcohol	3.01	59	714758	199.287	ug/l	98
12) 1,1-Dichloroethene	2.36	96	487206	48.573	ug/l	96
13) Acrolein	2.27	56	277437	135.794	ug/l	98
14) Allyl chloride	2.71	41	1051548	44.867	ug/l	98
15) Acrylonitrile	3.12	53	1601968	234.211	ug/l	99
16) Acetone	2.42	43	1481020	230.058	ug/l	99
17) Carbon Disulfide	2.55	76	1316243	43.017	ug/l	99
18) Methyl Acetate	2.75	43	792997	48.263	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1858261	47.768	ug/l	100
20) Methylene Chloride	2.83	84	562511	46.781	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	529505	47.567	ug/l	97
22) Diisopropyl ether	3.83	45	2020006	48.640	ug/l	96
23) Vinyl Acetate	3.79	43	8876687	236.074	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1038474	47.493	ug/l	99
25) 2-Butanone	4.64	43	2353754	227.350	ug/l	99
26) 2,2-Dichloropropane	4.56	77	769640	42.882	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	622580	48.341	ug/l	99
28) Bromochloromethane	4.99	49	510091	48.860	ug/l	94
29) Tetrahydrofuran	5.09	42	1522206	228.708	ug/l	99
30) Chloroform	5.18	83	1033954	49.149	ug/l	97
31) Cyclohexane	5.55	56	926954	48.868	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	937900	49.263	ug/l	100
36) 1,1-Dichloropropene	5.78	75	766794	50.897	ug/l	100
37) Ethyl Acetate	4.80	43	935924	47.711	ug/l	100
38) Carbon Tetrachloride	5.76	117	827793	50.730	ug/l	94

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 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	885254	50.962	ug/l	99
40) Benzene	6.12	78	2232691	50.592	ug/l	98
41) Methacrylonitrile	5.00	41	531296	48.790	ug/l	99
42) 1,2-Dichloroethane	6.17	62	892788	50.364	ug/l	99
43) Isopropyl Acetate	6.42	43	1584090	47.836	ug/l	99
44) Trichloroethene	7.19	130	617367	51.294	ug/l	96
45) 1,2-Dichloropropane	7.49	63	600052	49.704	ug/l	98
46) Dibromomethane	7.64	93	401531	50.703	ug/l	97
47) Bromodichloromethane	7.88	83	841726	49.881	ug/l	100
48) Methyl methacrylate	7.75	41	803520	48.579	ug/l	98
49) 1,4-Dioxane	7.72	88	286773	929.386	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4655830	248.088	ug/l	99
52) Toluene	8.77	92	1439283	52.899	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	941692	47.582	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	985335	48.875	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	584117	52.400	ug/l	95
56) Ethyl methacrylate	9.16	69	979367	49.852	ug/l	99
57) 1,3-Dichloropropane	9.36	76	998979	49.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2419318	253.179	ug/l	99
59) 2-Hexanone	9.48	43	3530909	249.208	ug/l	99
60) Dibromochloromethane	9.57	129	685050	51.142	ug/l	99
61) 1,2-Dibromoethane	9.65	107	608427	50.196	ug/l	95
64) Tetrachloroethene	9.32	164	573002	49.128	ug/l	96
65) Chlorobenzene	10.12	112	1559411	50.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	617287	50.131	ug/l	99
67) Ethyl Benzene	10.24	91	2784813	50.943	ug/l	99
68) m/p-Xylenes	10.34	106	2099522	103.142	ug/l	98
69) o-Xylene	10.68	106	1010795	50.252	ug/l	99
70) Styrene	10.70	104	1806989	51.052	ug/l	98
71) Bromoform	10.84	173	547250	48.820	ug/l #	99
73) Isopropylbenzene	11.00	105	2735697	50.710	ug/l	100
74) N-amyl acetate	10.88	43	1370130	45.664	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	899390	48.585	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1067400	63.042	ug/l	83
77) Bromobenzene	11.24	156	738551	51.324	ug/l	95
78) n-propylbenzene	11.35	91	3097838	50.218	ug/l	99
79) 2-Chlorotoluene	11.40	91	1877280	49.650	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2339867	50.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	301744	42.761	ug/l	98
82) 4-Chlorotoluene	11.50	91	2209061	49.838	ug/l	100
83) tert-Butylbenzene	11.76	119	2322652	51.610	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2360651	50.279	ug/l	98
85) sec-Butylbenzene	11.93	105	2707039	52.010	ug/l	99
86) p-Isopropyltoluene	12.05	119	2514773	52.045	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1298781	50.417	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1309141	49.891	ug/l	99
89) n-Butylbenzene	12.37	91	2197573	50.328	ug/l	99
90) Hexachloroethane	12.58	117	445517	47.372	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	1294376	51.343	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	224126	42.897	ug/l	95

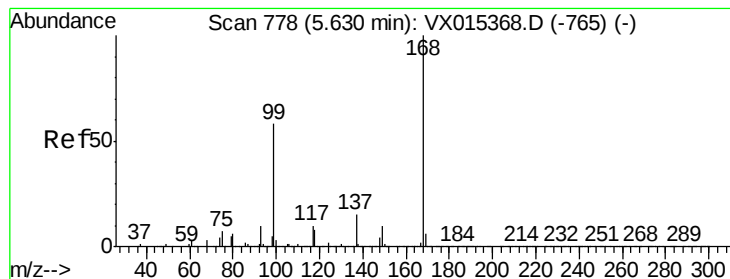
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1017429	51.021	ug/l	97
94) Hexachlorobutadiene	13.77	225	459686	48.417	ug/l	98
95) Naphthalene	13.82	128	3116031	51.227	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	998113	51.987	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

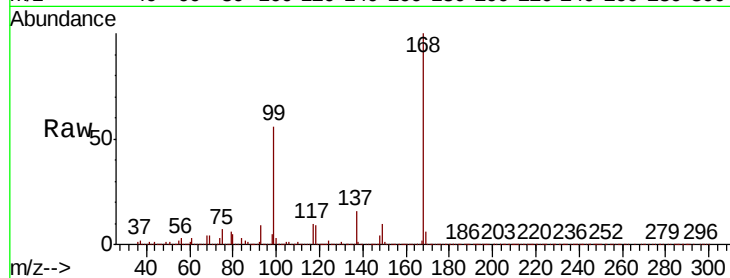
ClientSampled :

Tot Ion:168 Resp: 1062420

Ion Ratio Lower Upper

168 100

99 55.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

200000

100000

0

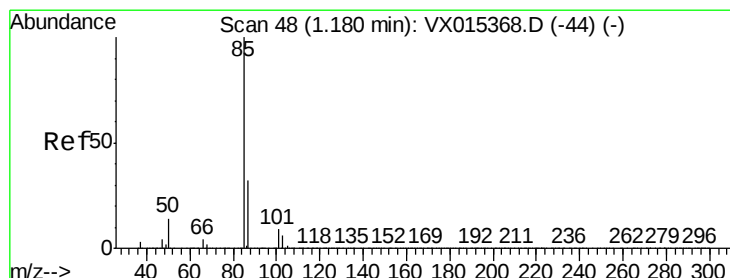
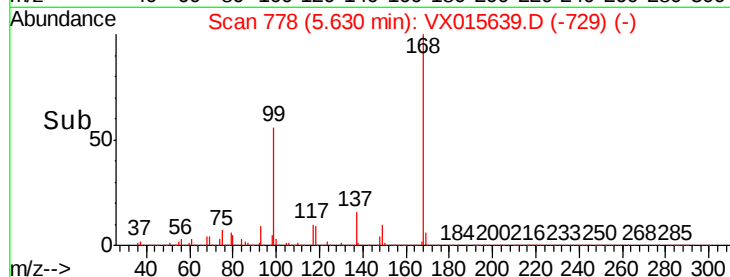
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.539 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015639.D

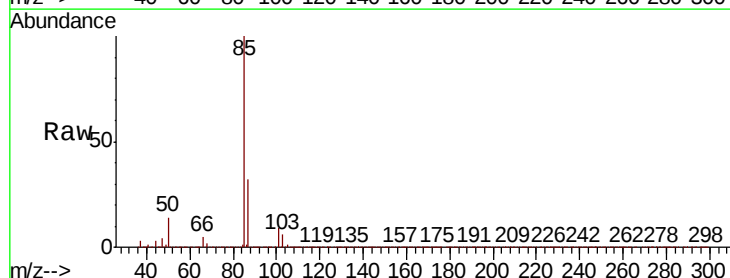
Acq: 10 Apr 2020 21:58

Tgt Ion: 85 Resp: 444975

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

300000

200000

100000

0

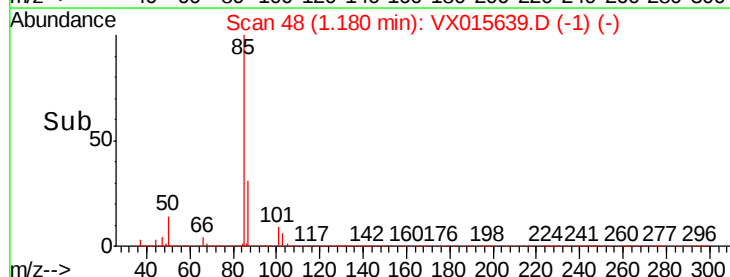
1.10

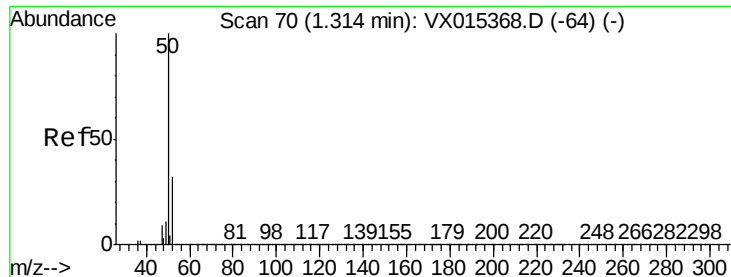
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 45.566 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

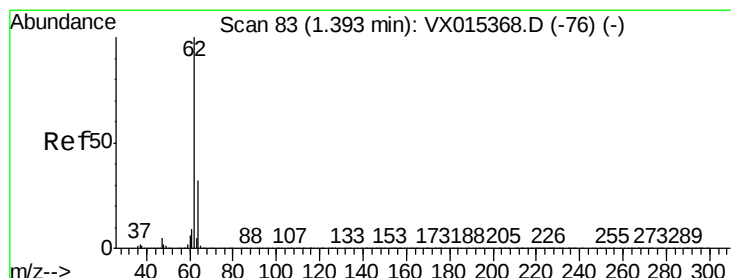
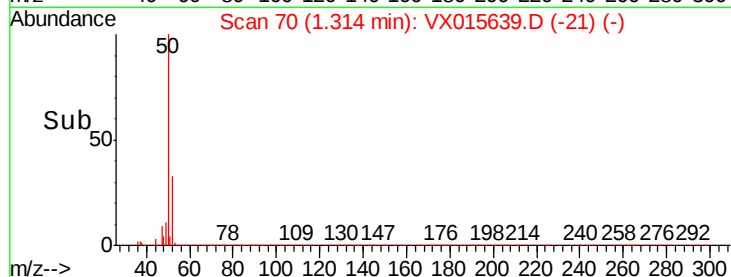
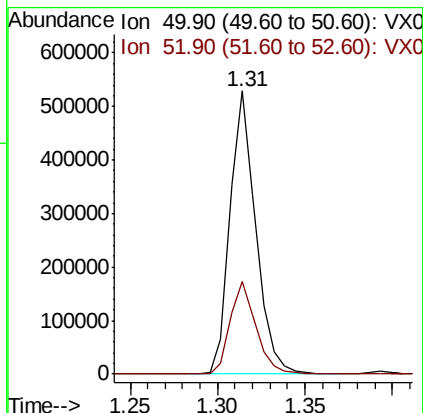
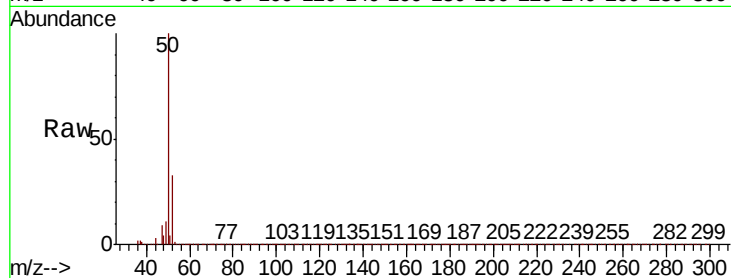
ClientSampleId :

Tot Ion: 50 Resp: 543147

Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



#4

Vinyl Chloride

Concen: 50.006 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015639.D

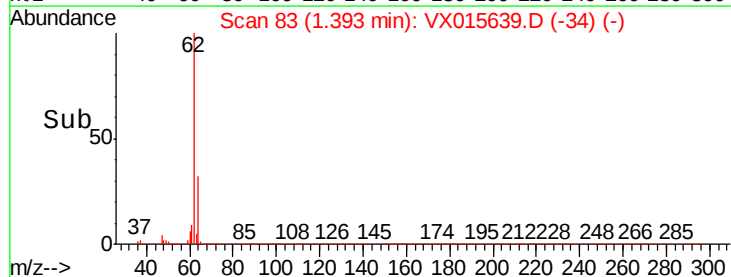
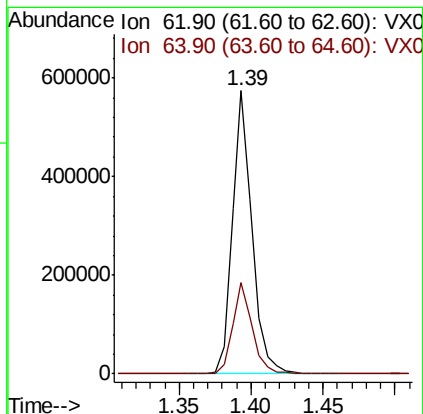
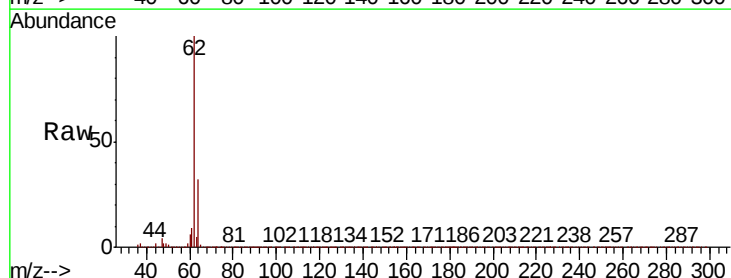
Acq: 10 Apr 2020 21:58

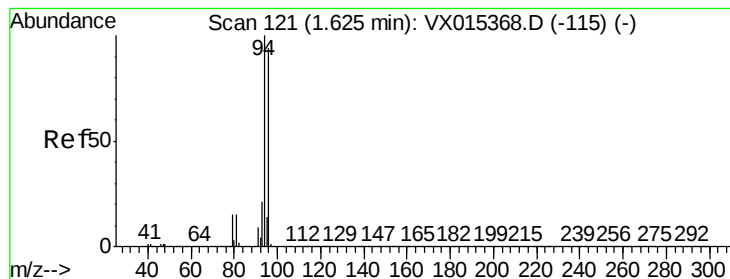
Tgt Ion: 62 Resp: 547326

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 59.509 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

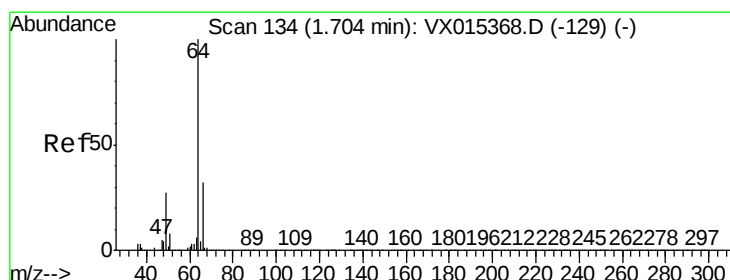
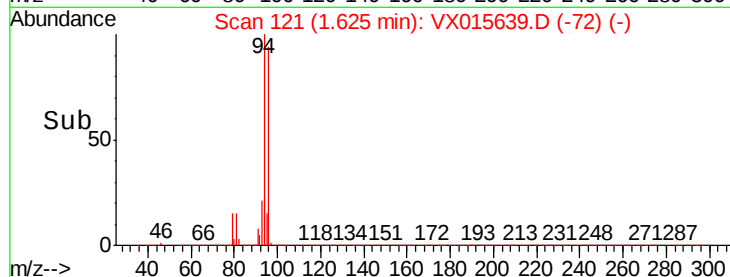
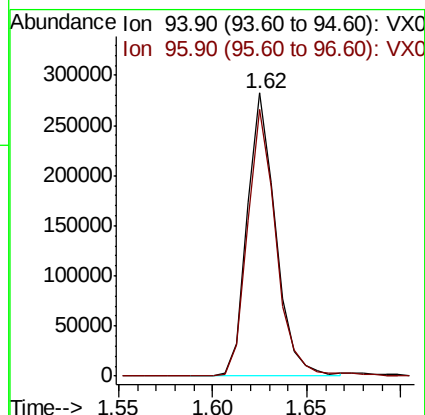
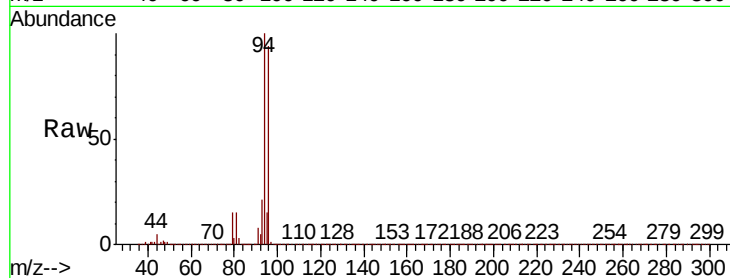
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 292484

Ion Ratio Lower Upper

94 100

96 94.1 74.8 112.2



#6

Chloroethane

Concen: 51.477 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015639.D

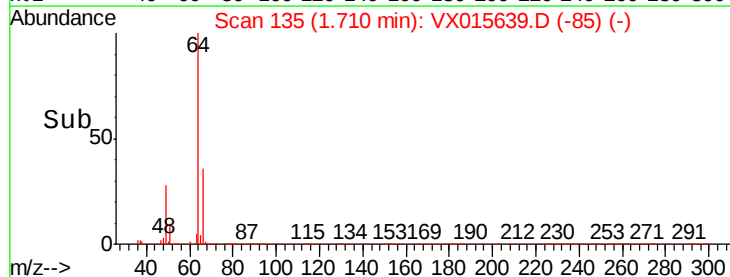
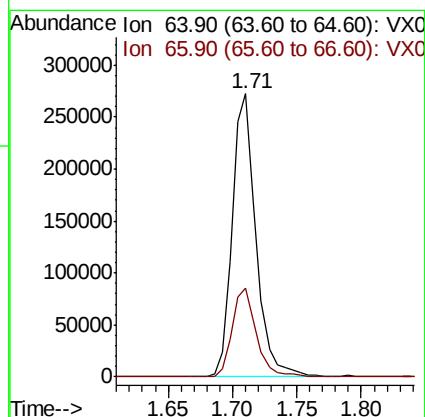
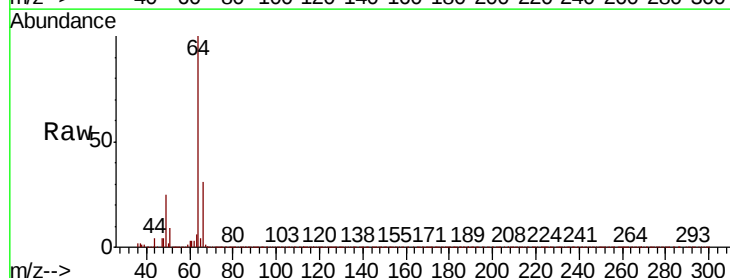
Acq: 10 Apr 2020 21:58

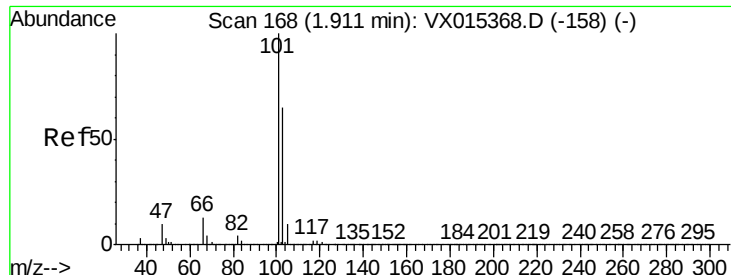
Tgt Ion: 64 Resp: 349438

Ion Ratio Lower Upper

64 100

66 31.4 25.4 38.2



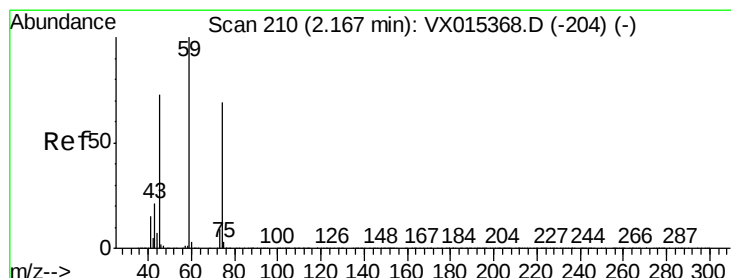
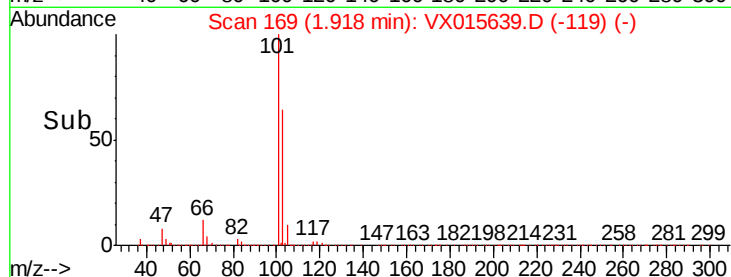
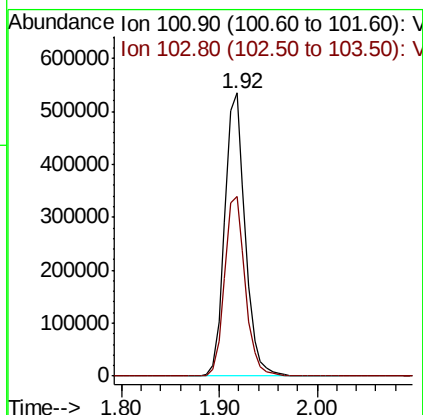
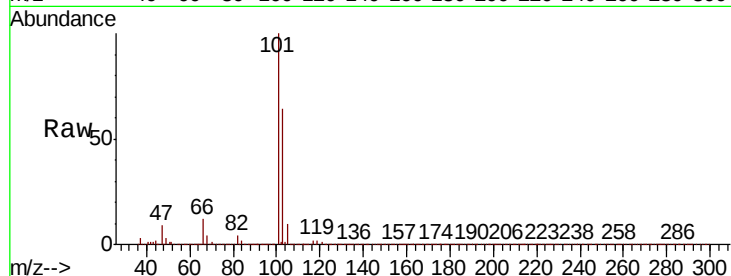


#7

Trichlorofluoromethane
Concen: 52.627 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :

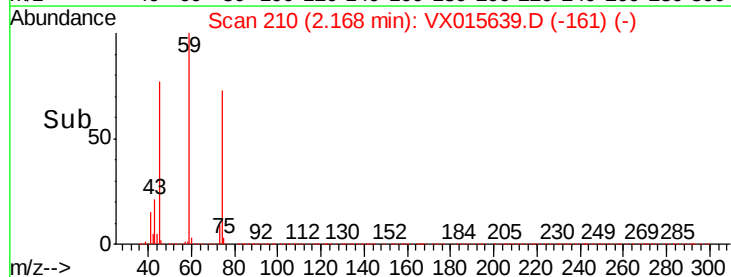
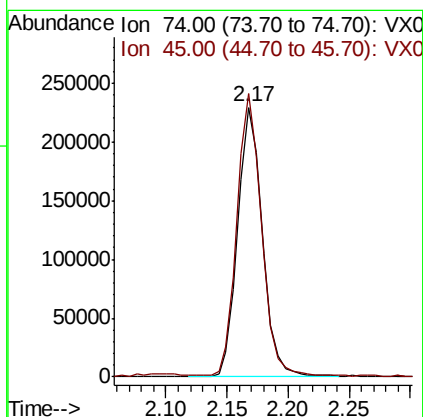
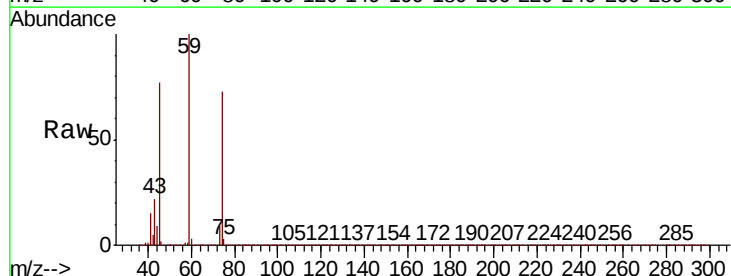
Tot Ion:101 Resp: 772491
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

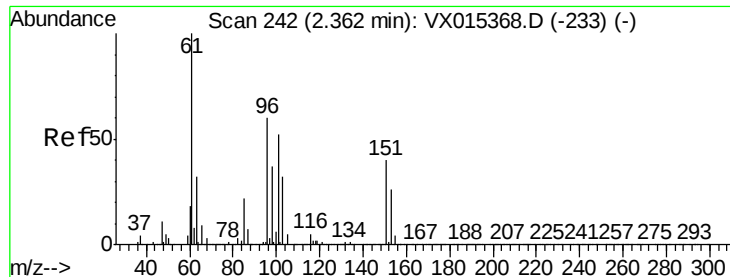


#8

Diethyl Ether
Concen: 51.359 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 74 Resp: 317975
Ion Ratio Lower Upper
74 100
45 104.1 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.824 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

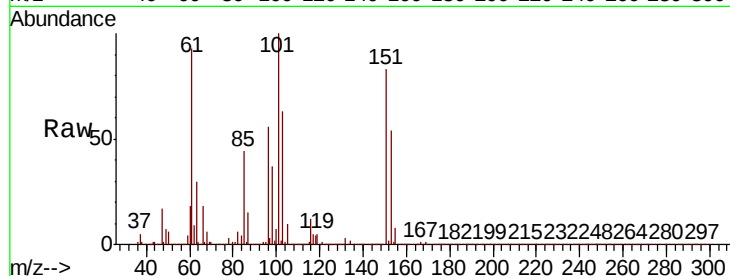
Tot Ion:101 Resp: 486331

Ion Ratio Lower Upper

101 100

85 43.3 35.0 52.4

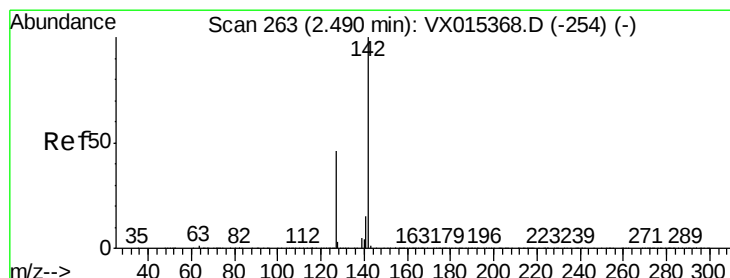
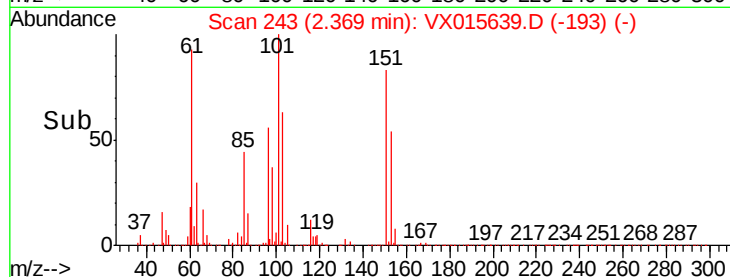
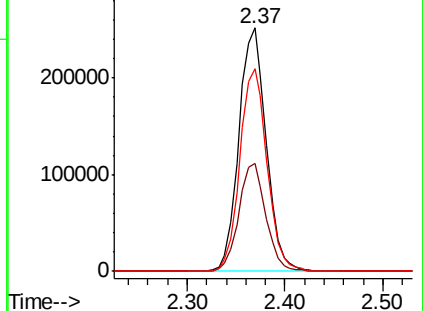
151 83.2 64.1 96.1



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: 40.775 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

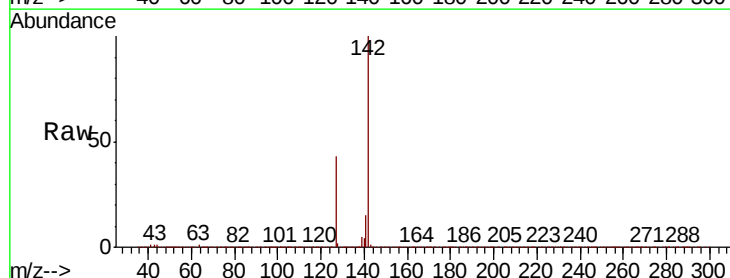
Tgt Ion:142 Resp: 526058

Ion Ratio Lower Upper

142 100

127 43.2 35.9 53.9

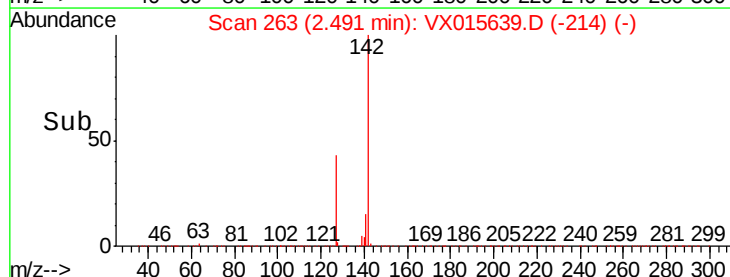
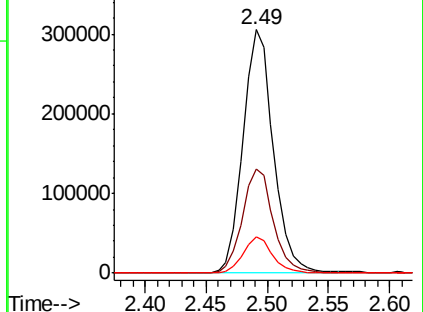
141 14.6 11.6 17.4

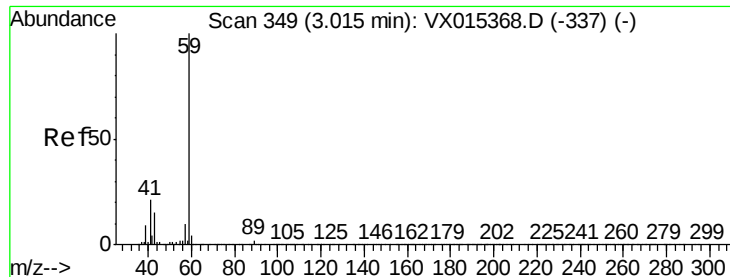


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

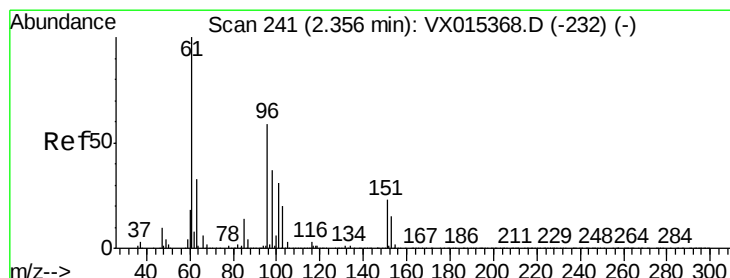
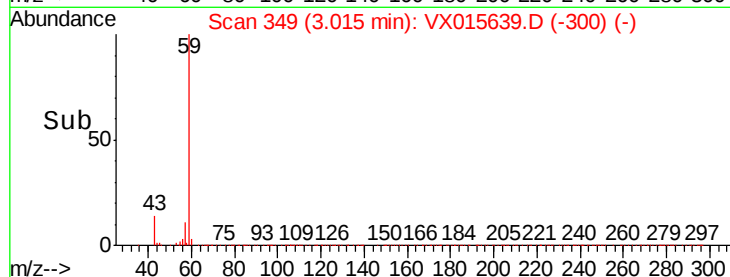
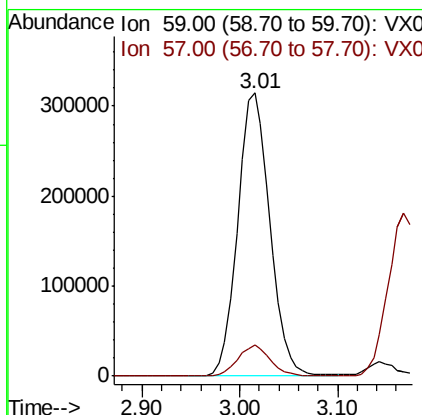
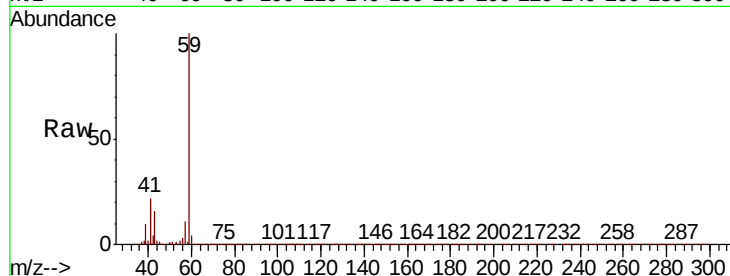




#11
Tert butyl alcohol
Concen: 199.287 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

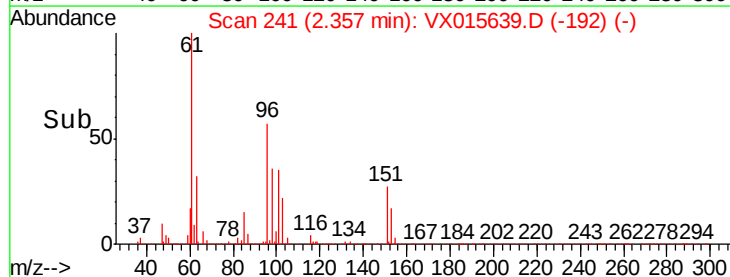
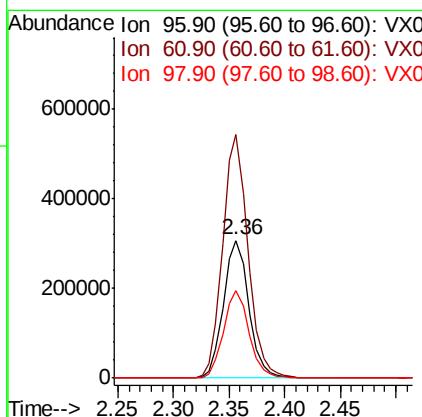
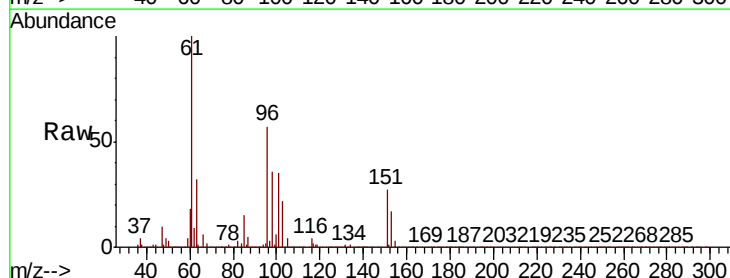
Instrument :
MSVOA_X
ClientSampleId :

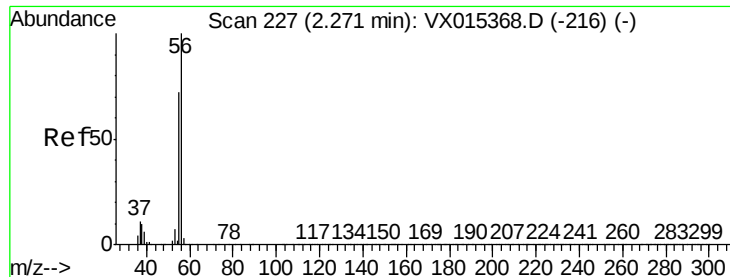
Tot Ion: 59 Resp: 714758
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.573 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 96 Resp: 487206
Ion Ratio Lower Upper
96 100
61 176.6 135.7 203.5
98 63.8 50.6 75.8





#13

Acrolein

Concen: 135.794 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

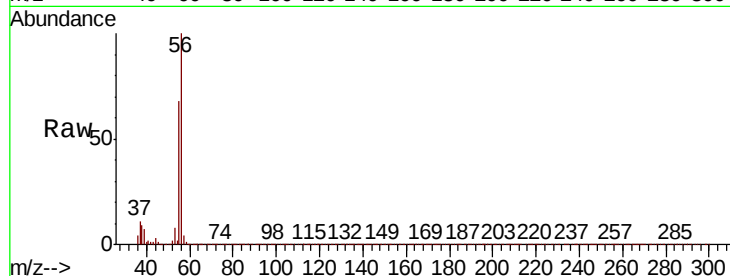
ClientSampleId :

Tot Ion: 56 Resp: 277437

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

200000

150000

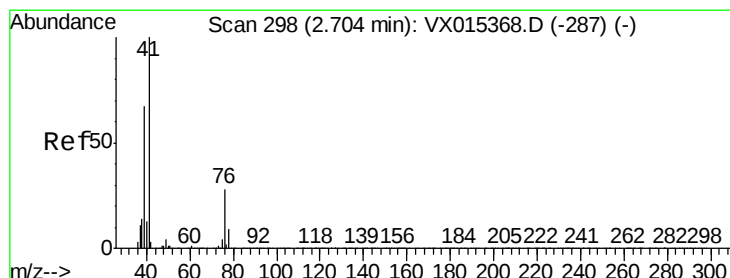
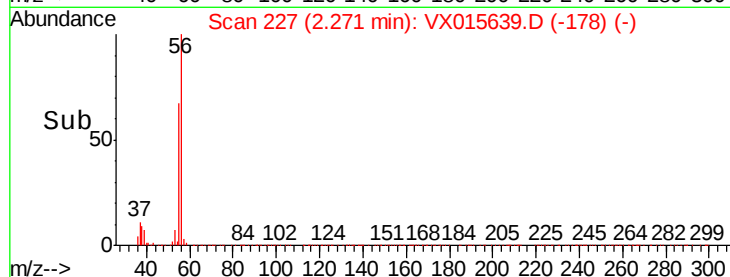
100000

50000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 44.867 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

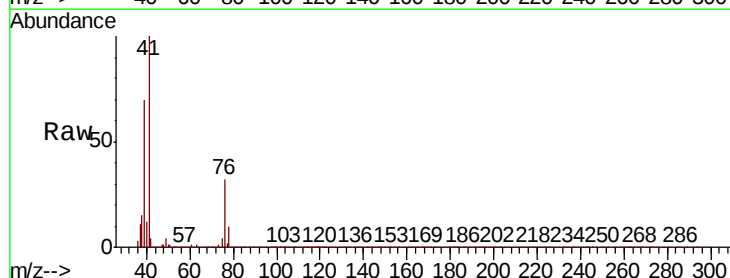
Tgt Ion: 41 Resp: 1051548

Ion Ratio Lower Upper

41 100

39 66.0 51.4 77.0

76 28.2 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

600000

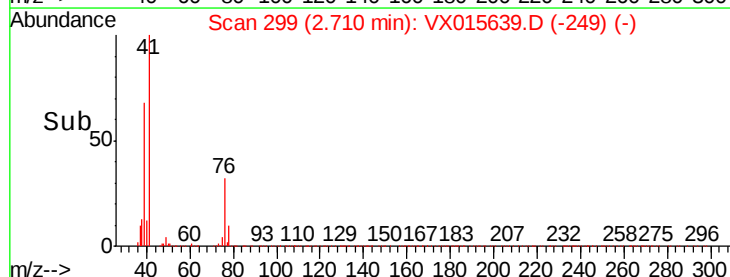
400000

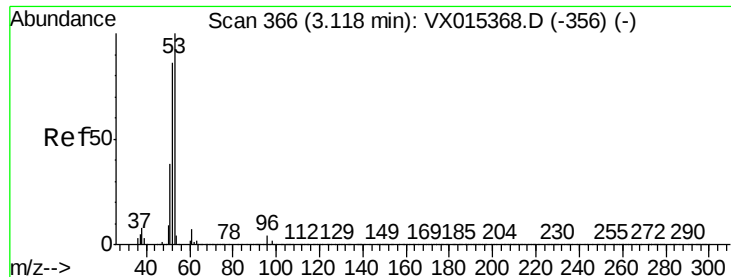
200000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 234.211 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

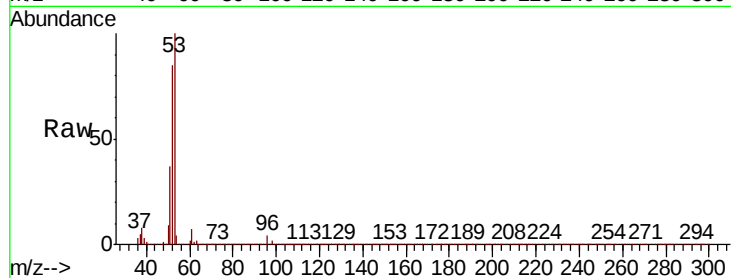
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 1601968

Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.8	100.2
51	37.4	29.5	44.3

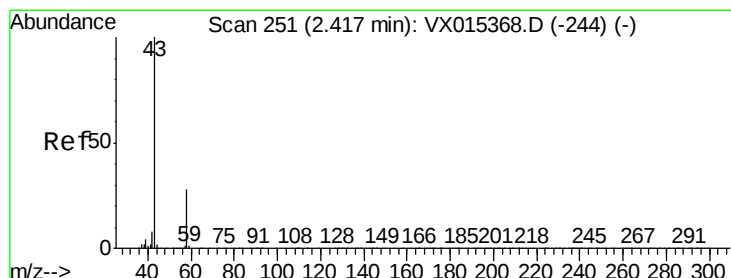
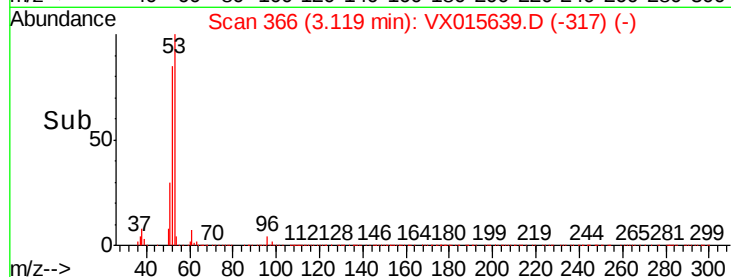
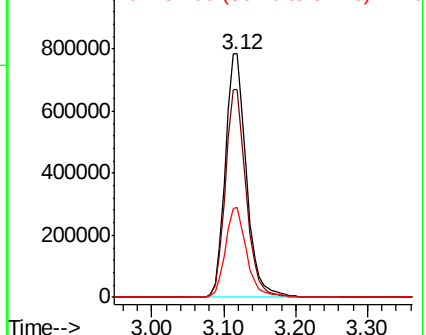


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 230.058 ug/l

RT: 2.42 min Scan# 251

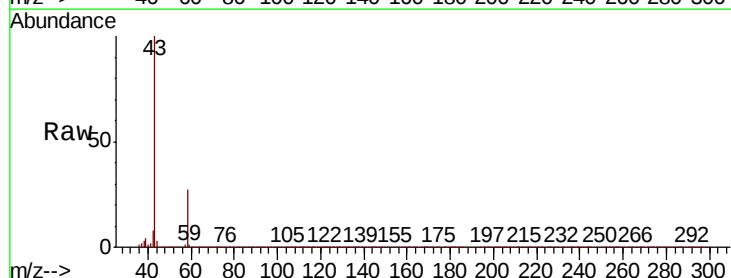
Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Tgt Ion: 43 Resp: 1481020

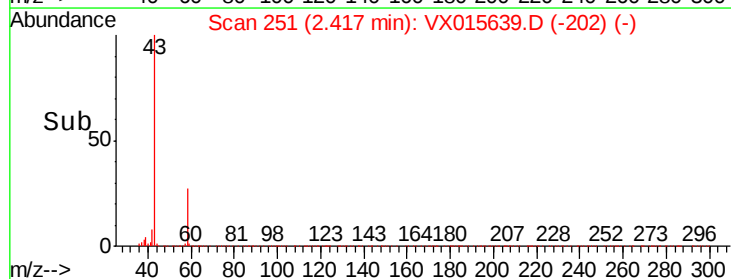
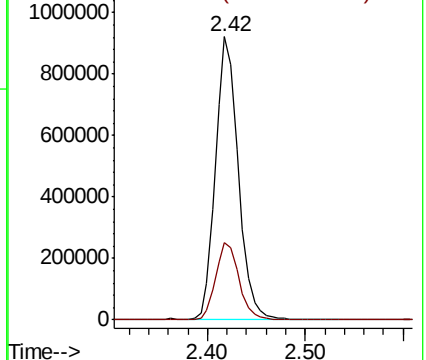
Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.1	33.1

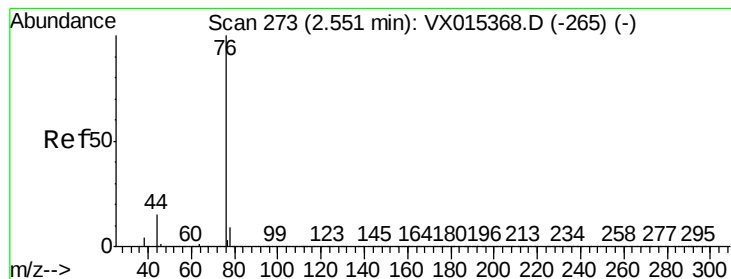


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.017 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

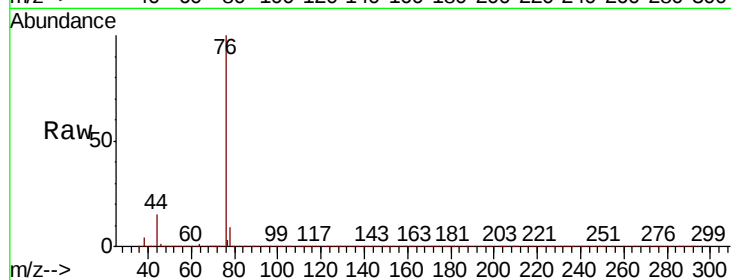
ClientSampleId :

Tot Ion: 76 Resp: 1316243

Ion Ratio Lower Upper

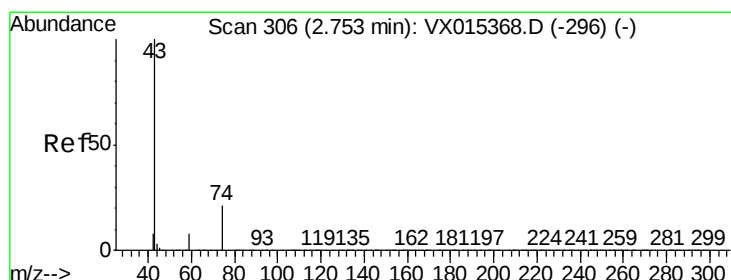
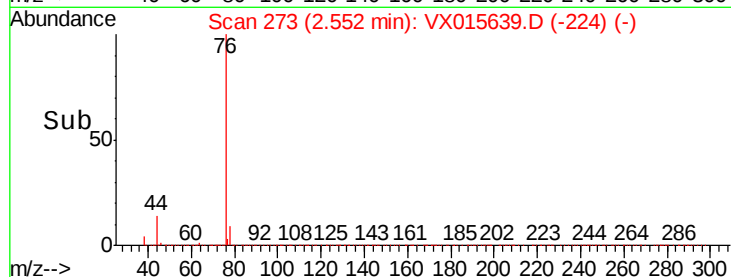
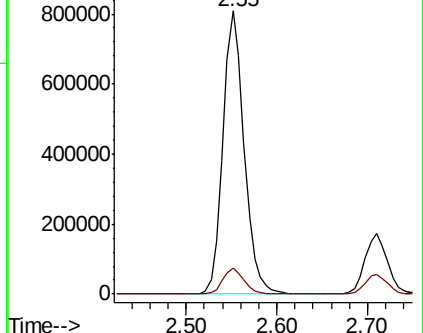
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.263 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015639.D

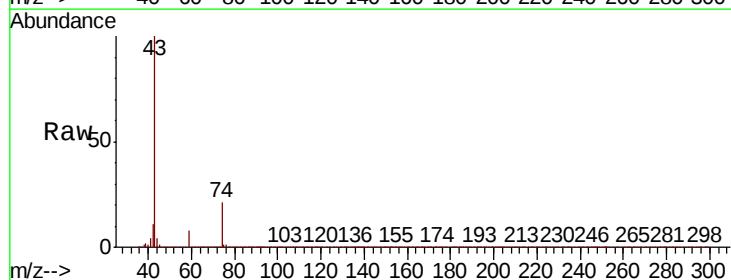
Acq: 10 Apr 2020 21:58

Tgt Ion: 43 Resp: 792997

Ion Ratio Lower Upper

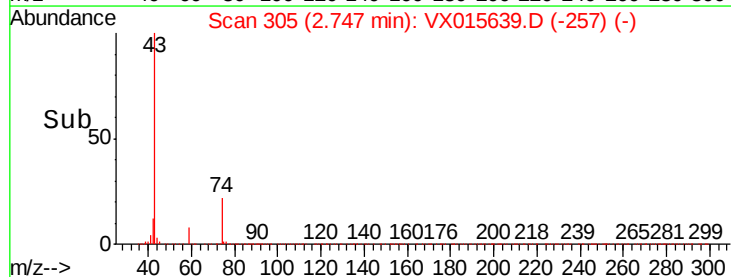
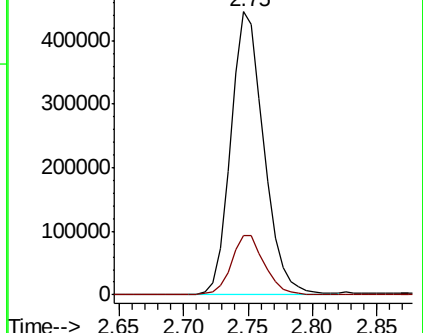
43 100

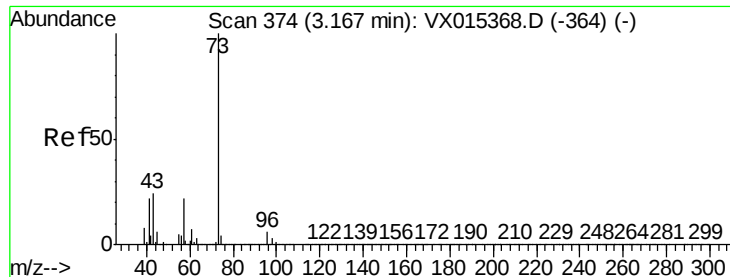
74 21.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



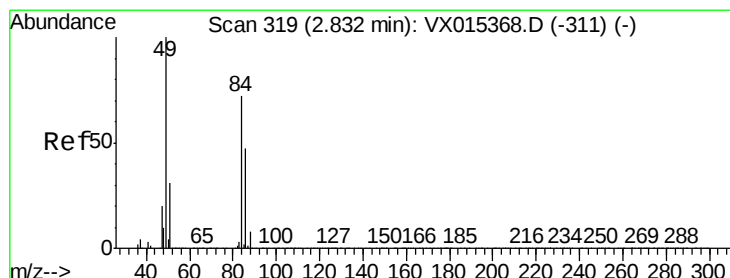
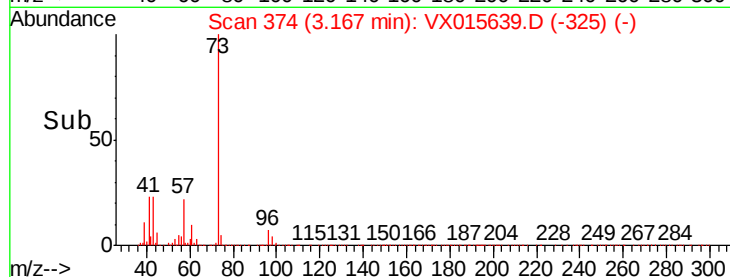
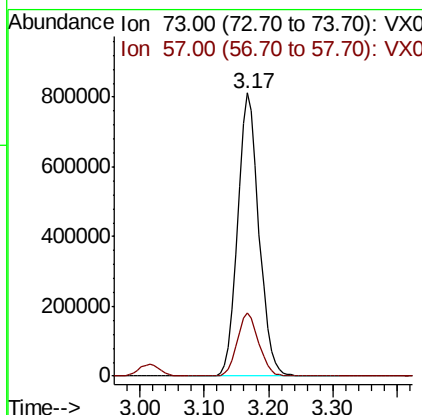
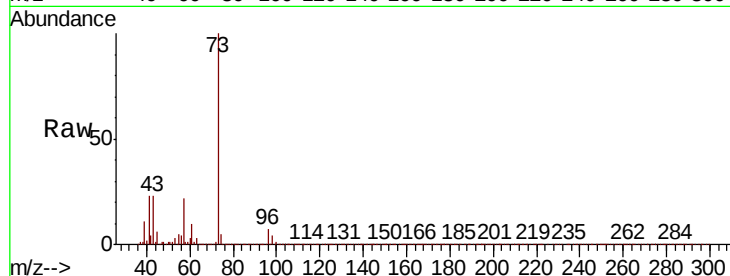


#19

Methyl tert-butyl Ether
 Concen: 47.768 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :

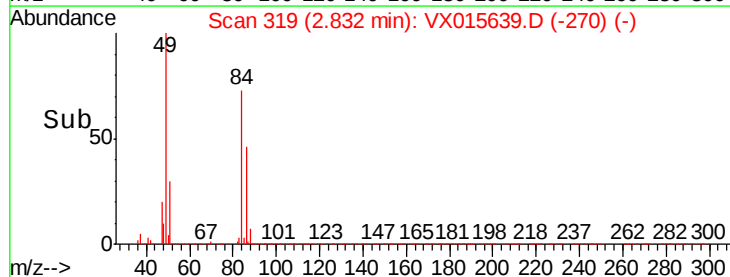
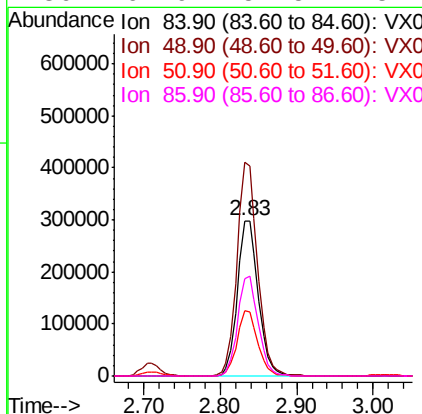
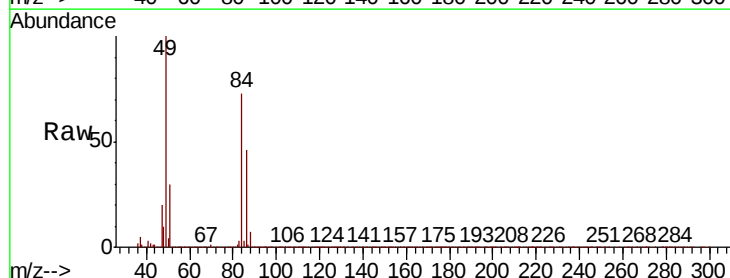
Tot Ion: 73 Resp: 1858261
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.9 26.9

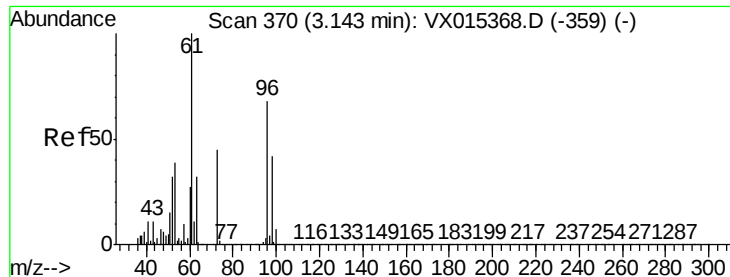


#20

Methylene Chloride
 Concen: 46.781 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Tgt Ion: 84 Resp: 562511
 Ion Ratio Lower Upper
 84 100
 49 137.6 111.3 166.9
 51 41.8 34.0 51.0
 86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.567 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

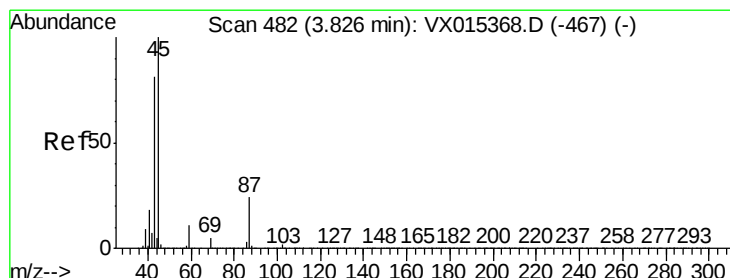
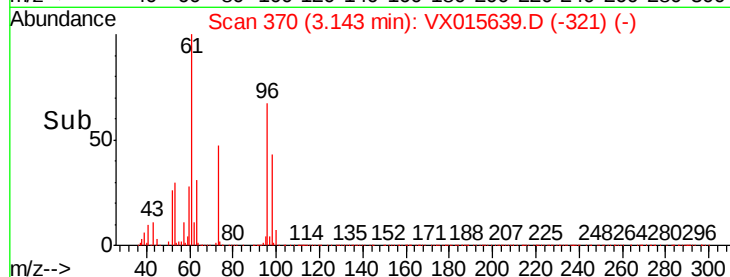
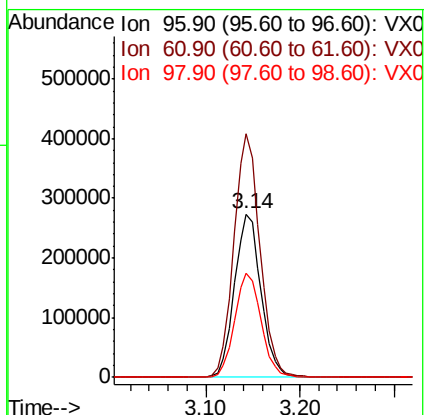
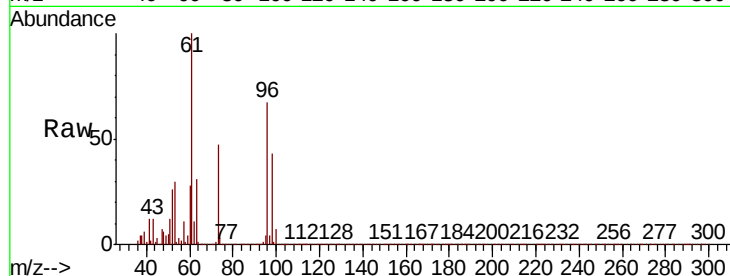
Tot Ion: 96 Resp: 529505

Ion Ratio Lower Upper

96 100

61 149.2 116.9 175.3

98 64.0 48.6 73.0



#22

Diisopropyl ether

Concen: 48.640 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Tgt Ion: 45 Resp: 2020006

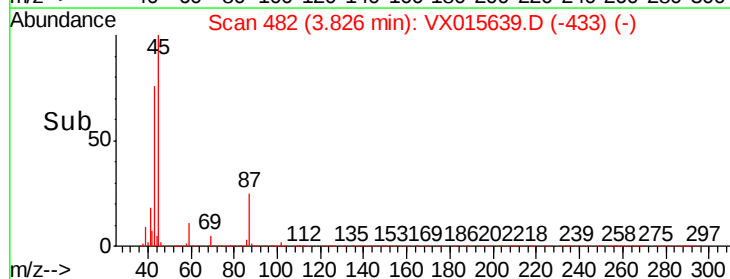
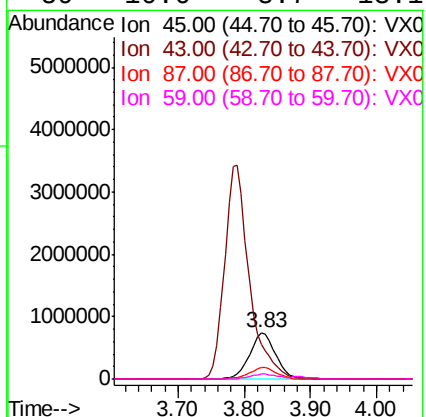
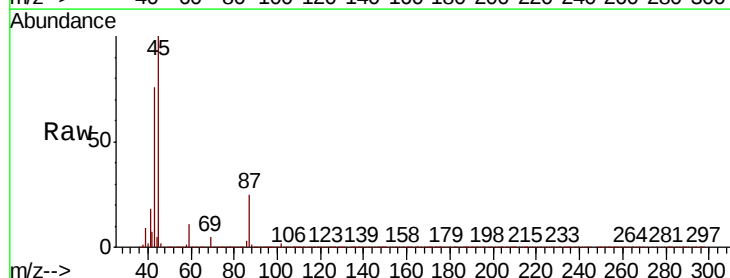
Ion Ratio Lower Upper

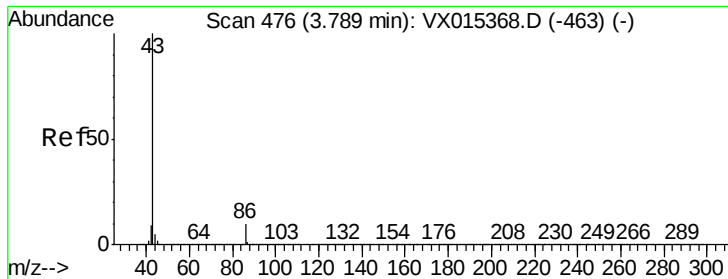
45 100

43 75.9 64.7 97.1

87 24.7 19.4 29.0

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 236.074 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

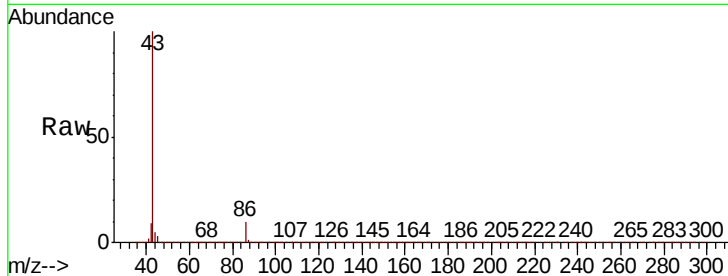
Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 8876687

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

4000000

3000000

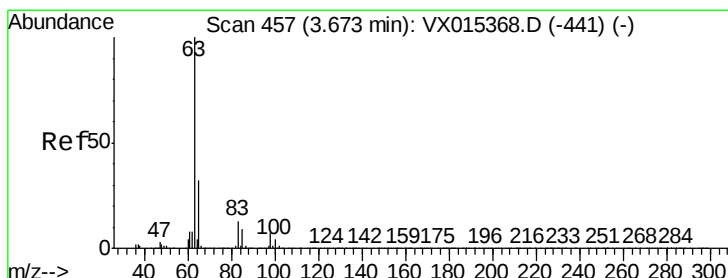
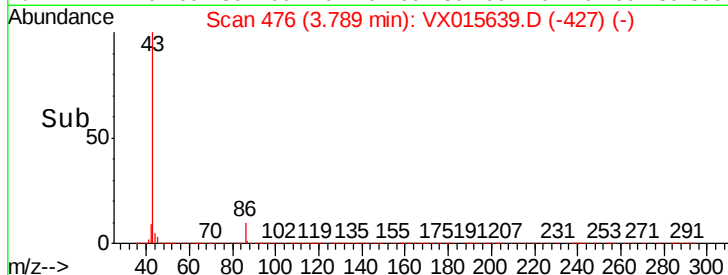
2000000

1000000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.493 ug/l

RT: 3.67 min Scan# 457

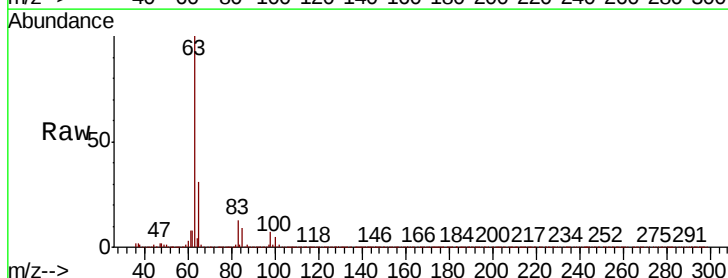
Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Tgt Ion: 63 Resp: 1038474

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.8
100	4.6	2.1	6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

600000

500000

400000

300000

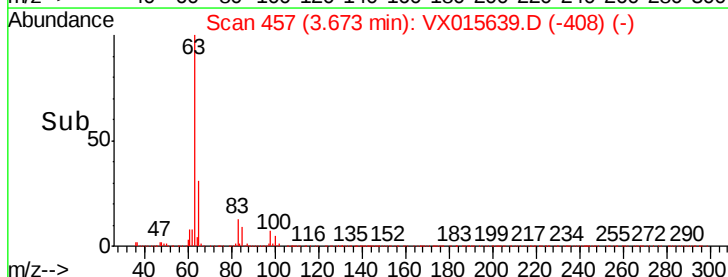
200000

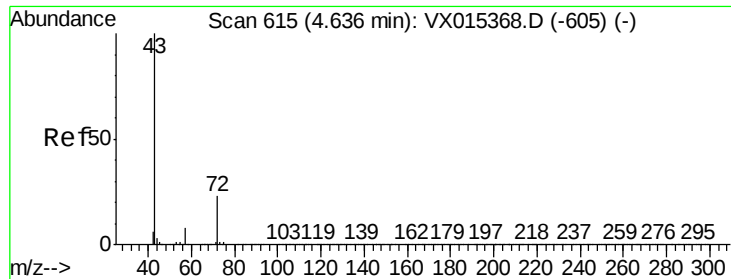
100000

0

Time-->

3.60 3.70 3.80

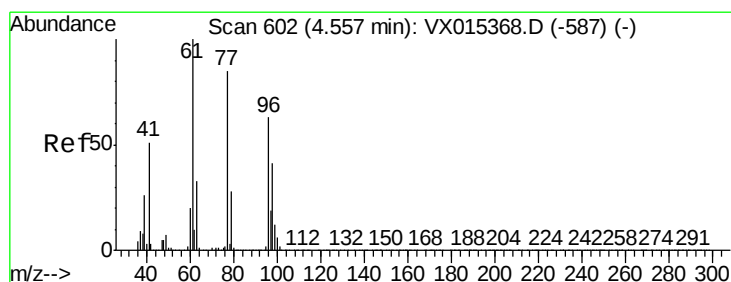
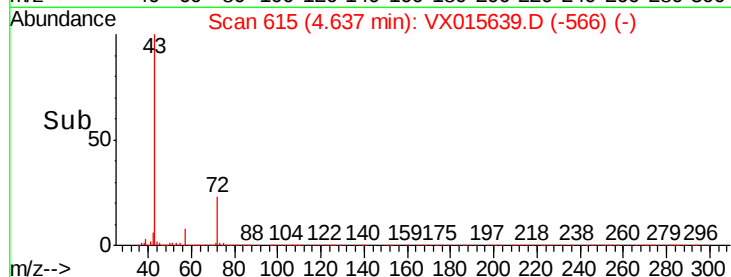
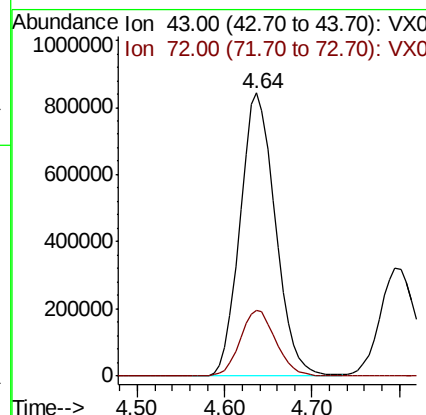
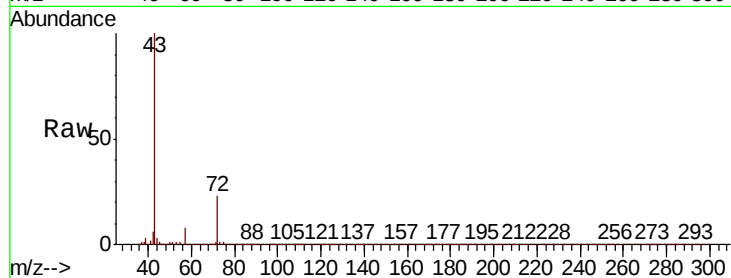




#25
2-Butanone
Concen: 227.350 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

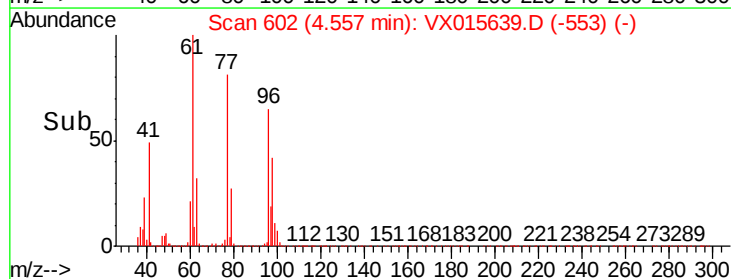
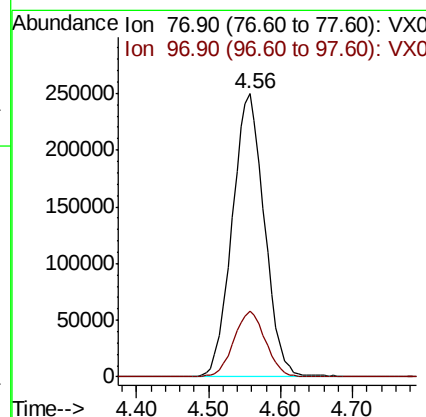
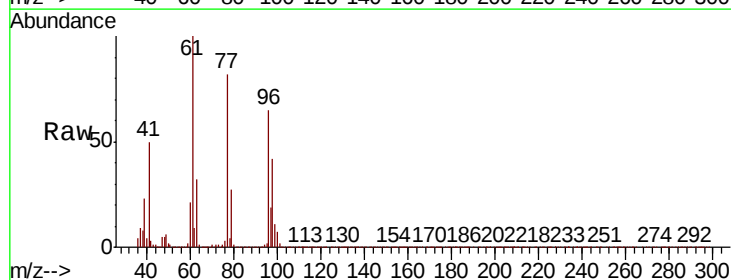
Instrument :
MSVOA_X
ClientSampleId :

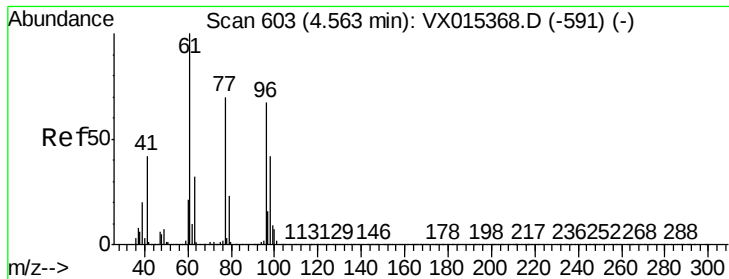
Tot Ion: 43 Resp: 2353754
Ion Ratio Lower Upper
43 100
72 23.2 19.0 28.4



#26
2,2-Dichloropropane
Concen: 42.882 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 77 Resp: 769640
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8



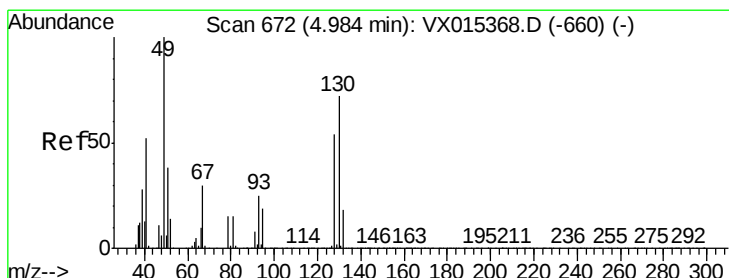
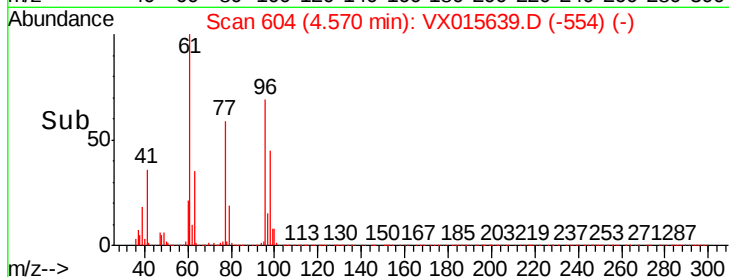
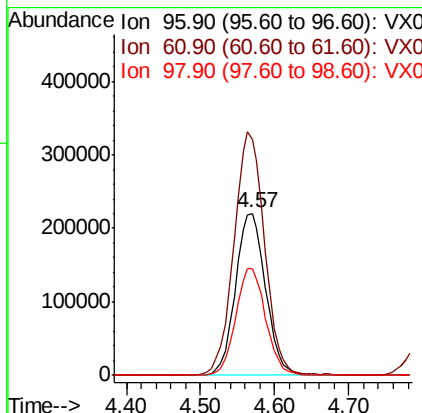
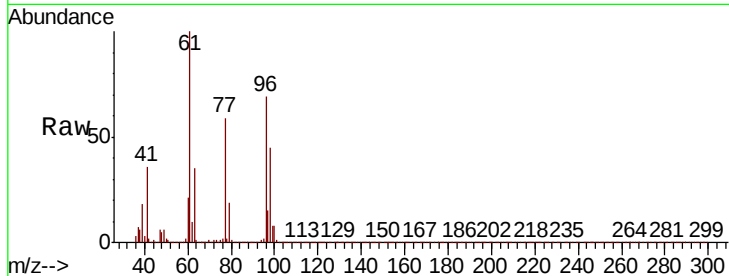


#27

cis-1,2-Dichloroethene
Concen: 48.341 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Instrument :
MSVOA_X
ClientSampled :

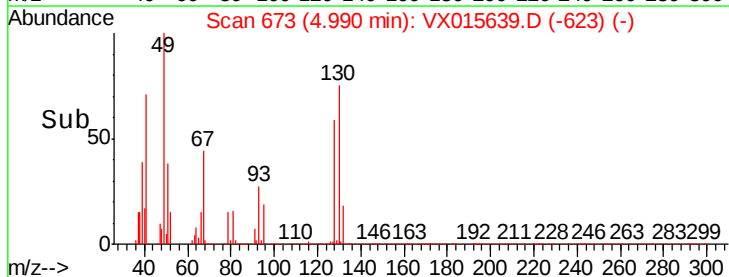
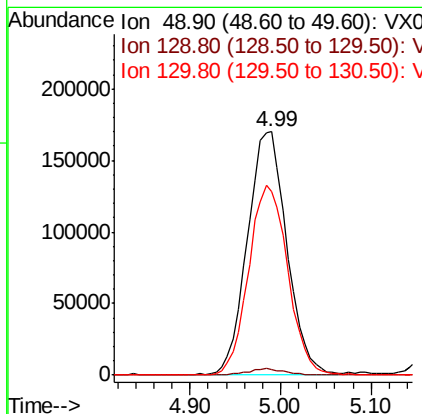
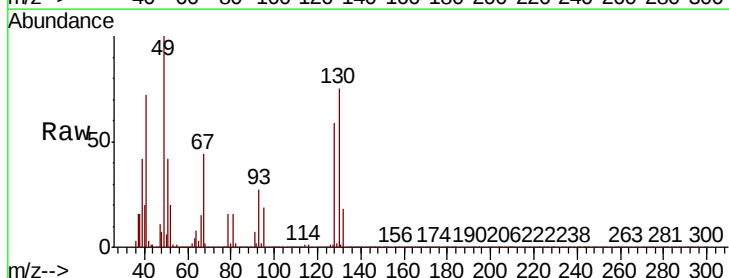
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	308.4
98	65.8	0.0	129.2

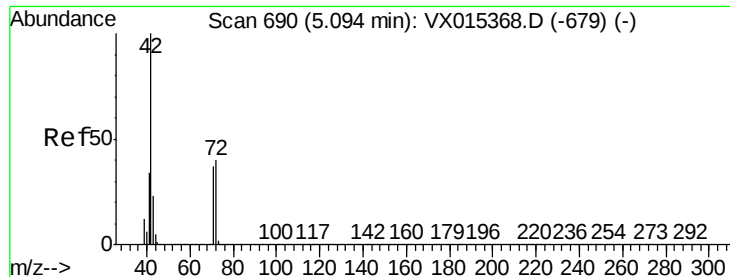


#28

Bromochloromethane
Concen: 48.860 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	77.2	57.7	86.5





#29

Tetrahydrofuran

Concen: 228.708 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :

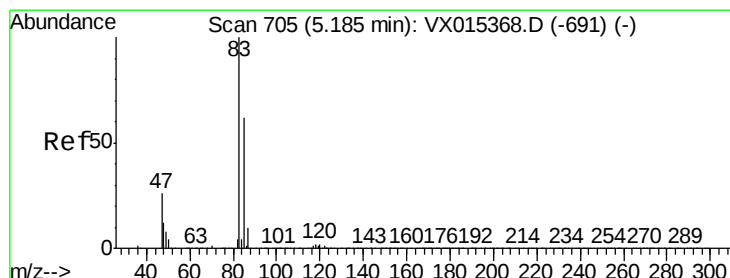
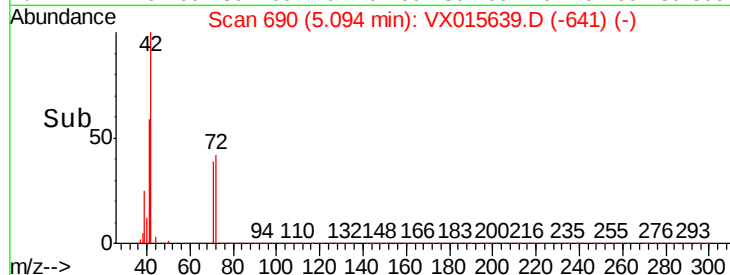
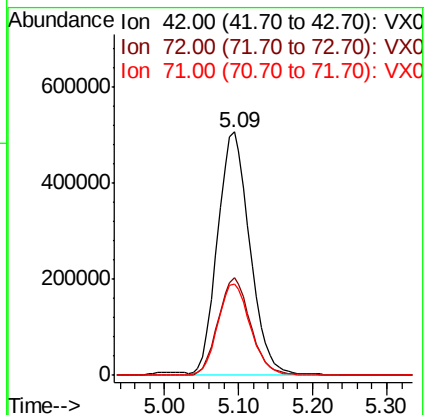
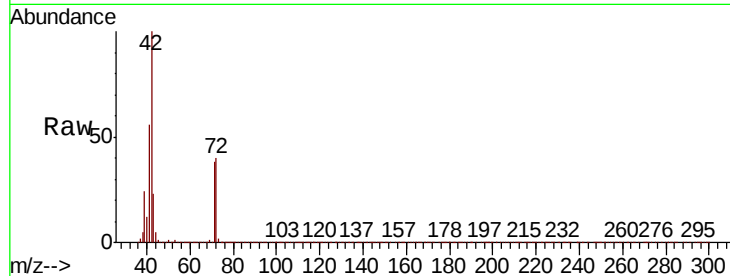
Tot Ion: 42 Resp: 1522206

Ion Ratio Lower Upper

42 100

72 40.3 31.7 47.5

71 37.9 29.6 44.4



#30

Chloroform

Concen: 49.149 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015639.D

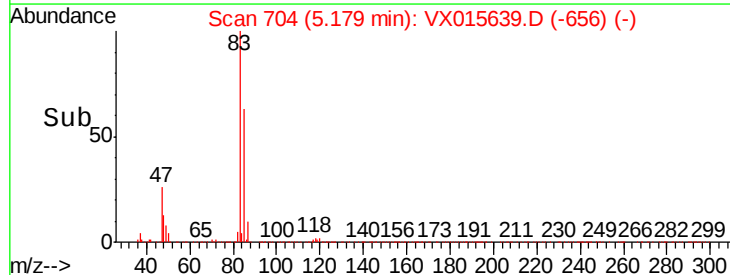
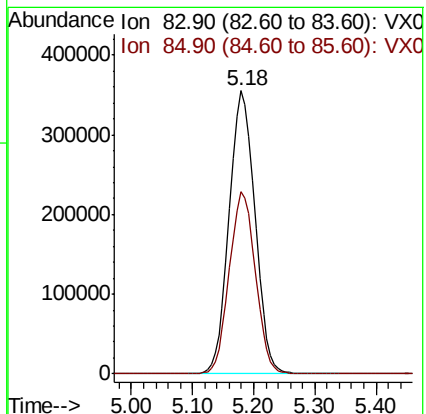
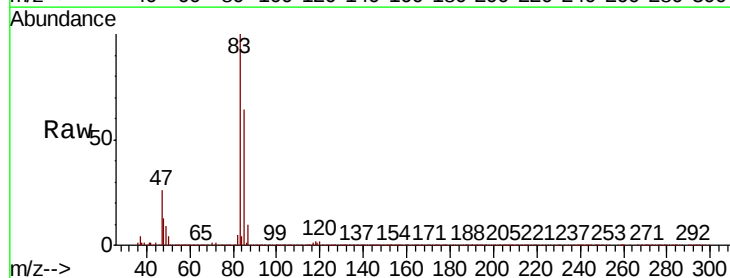
Acq: 10 Apr 2020 21:58

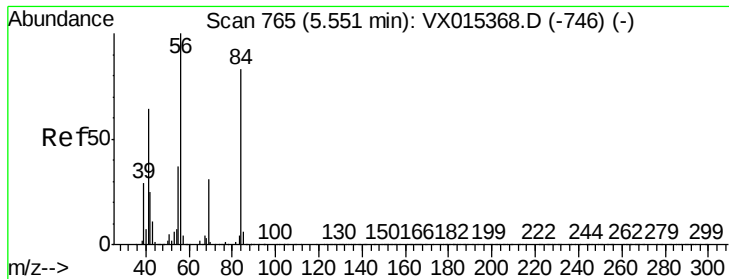
Tgt Ion: 83 Resp: 1033954

Ion Ratio Lower Upper

83 100

85 64.1 49.5 74.3

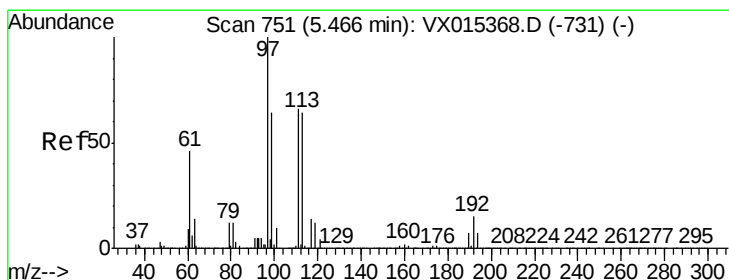
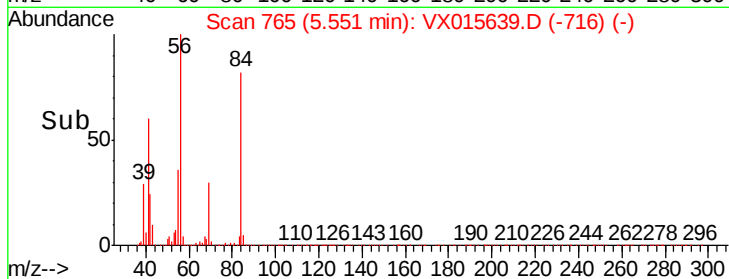
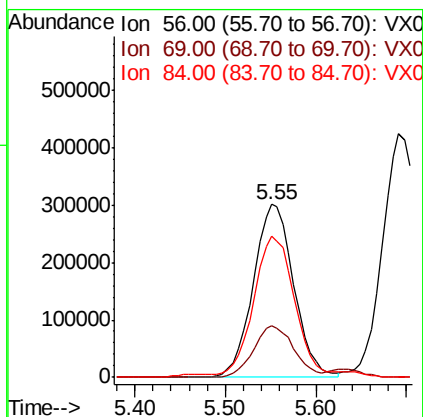
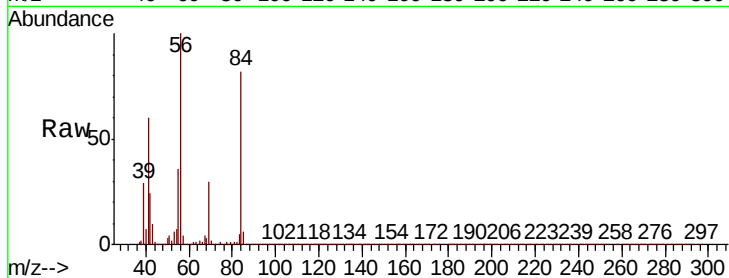




#31
Cyclohexane
Concen: 48.868 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

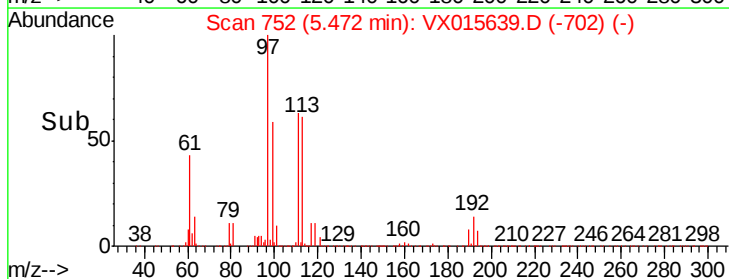
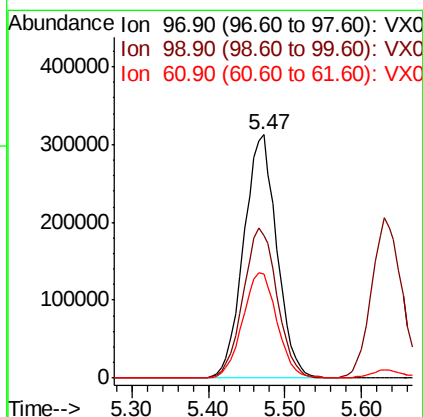
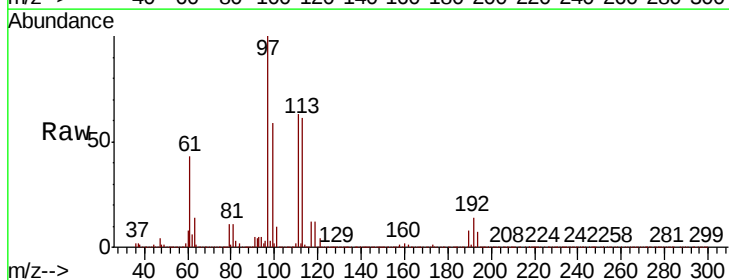
Instrument :
MSVOA_X
ClientSampleId :

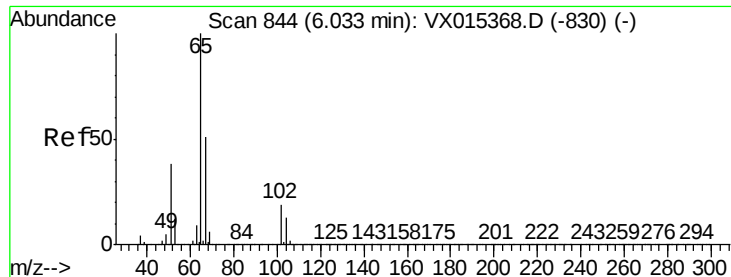
Tot Ion: 56 Resp: 926954
Ion Ratio Lower Upper
56 100
69 30.1 24.6 36.8
84 80.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 49.263 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 97 Resp: 937900
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 44.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.921 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

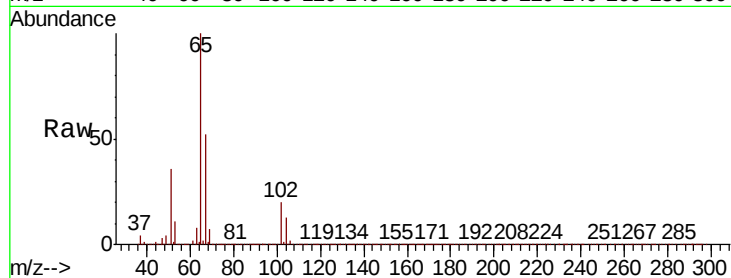
ClientSampleId :

Tot Ion: 65 Resp: 733046

Ion Ratio Lower Upper

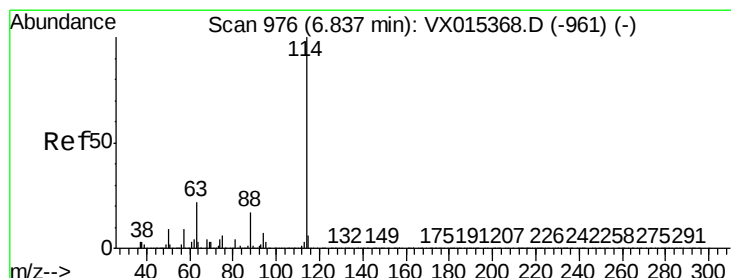
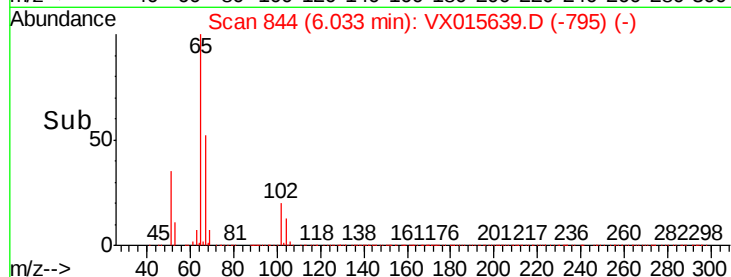
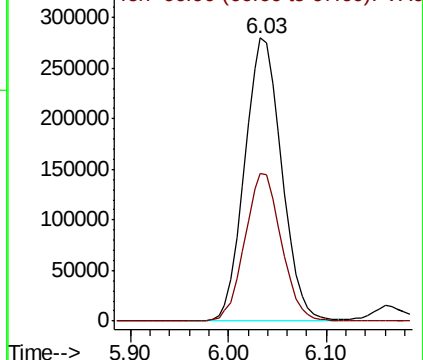
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

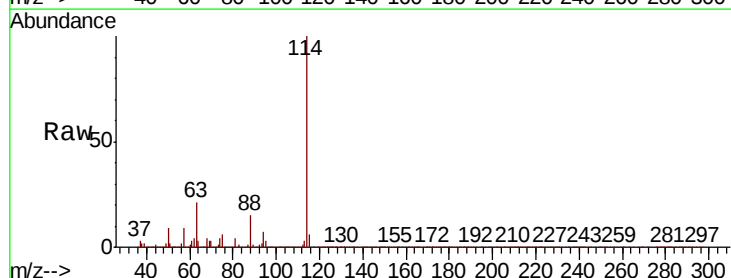
Tgt Ion: 114 Resp: 1635102

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

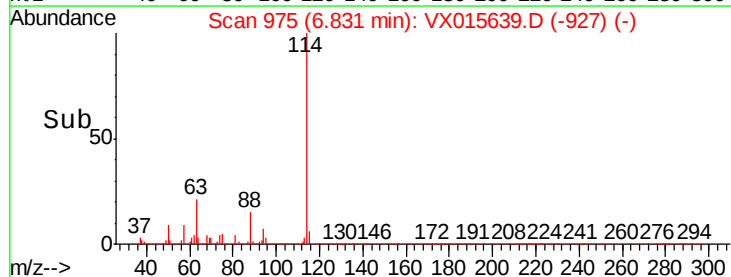
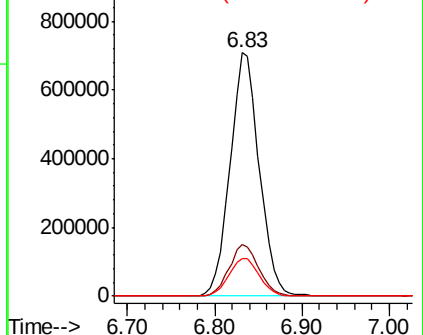
88 15.4 0.0 33.8

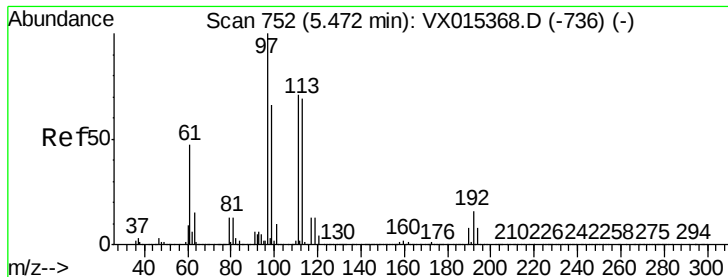


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

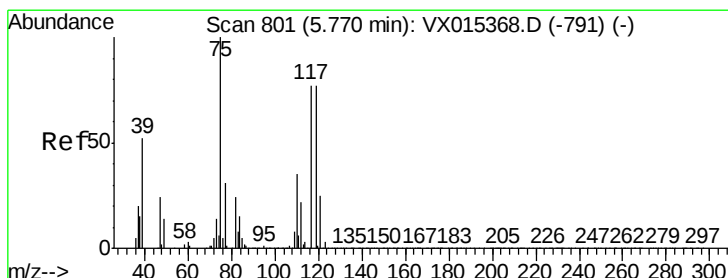
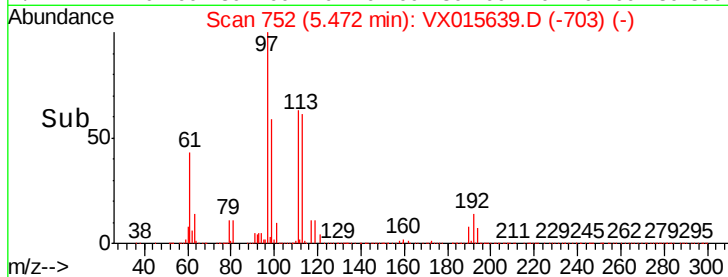
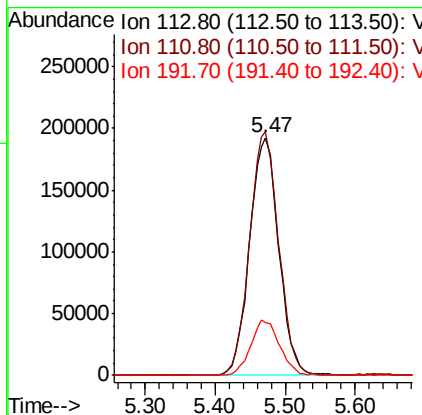
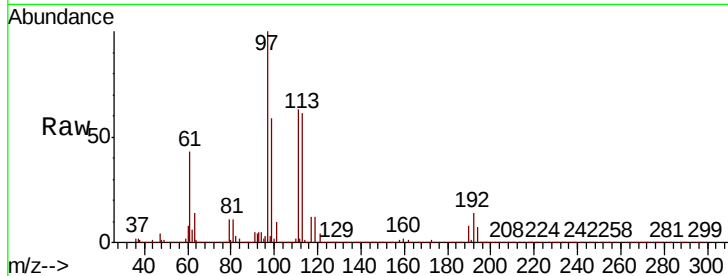




#35
 Dibromofluoromethane
 Concen: 53.052 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

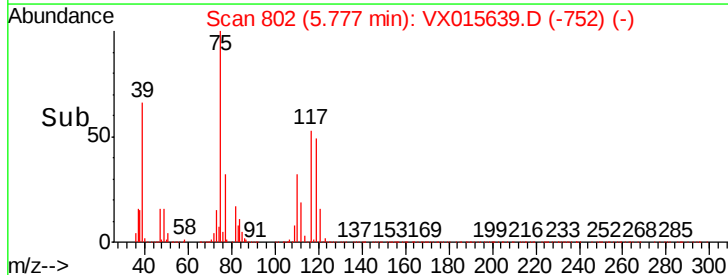
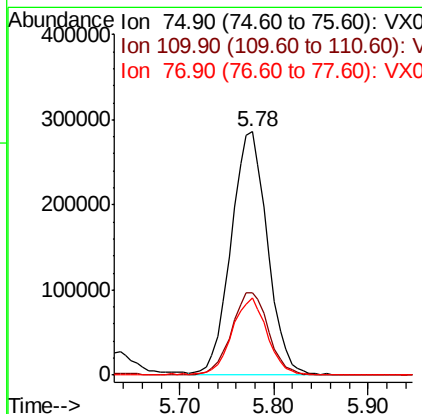
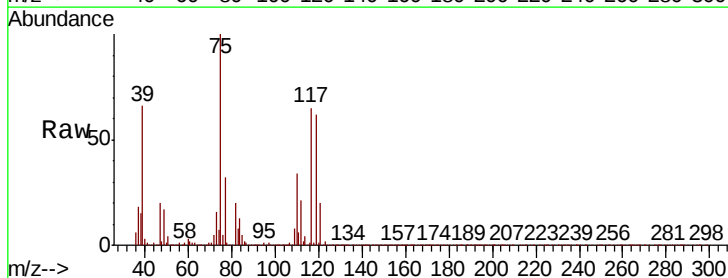
Instrument :
 MSVOA_X
 ClientSampleId :

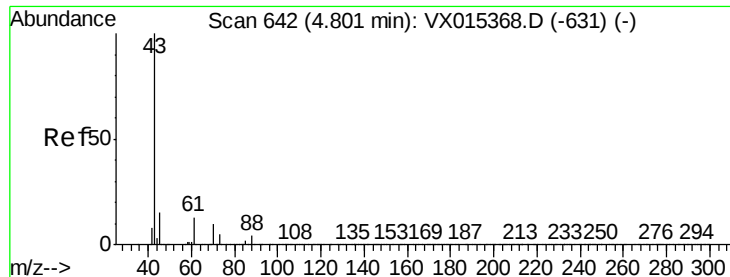
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	23.0	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 50.897 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.1	51.3
77	30.4	24.6	36.8

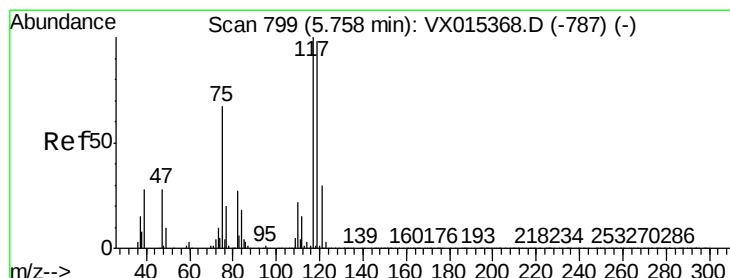
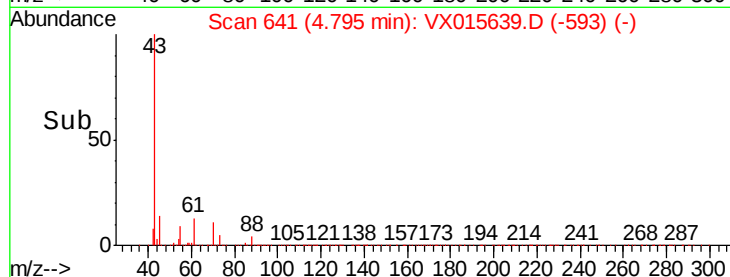
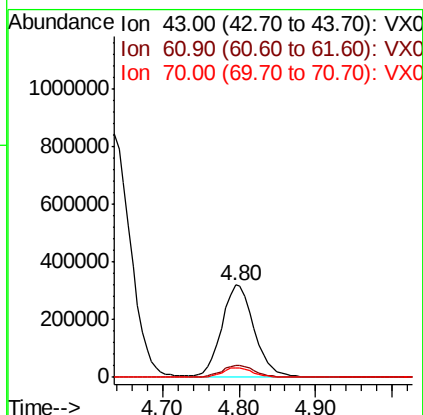
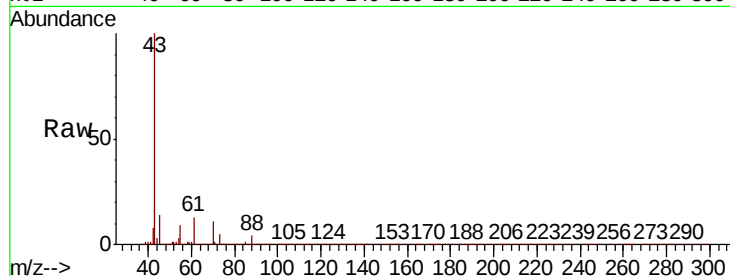




#37
Ethyl Acetate
Concen: 47.711 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

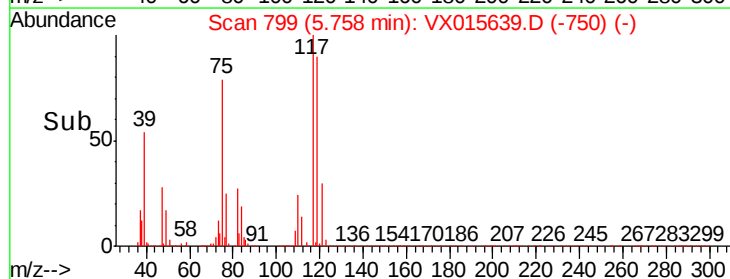
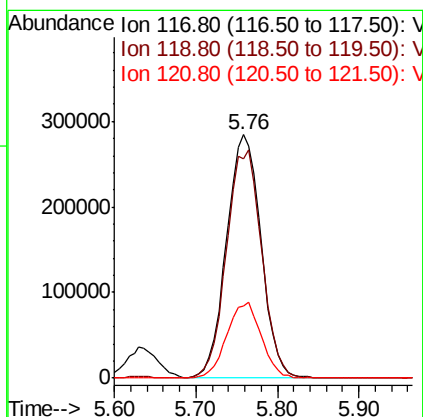
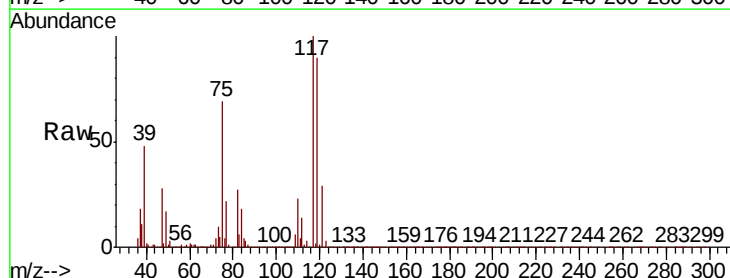
Instrument :
MSVOA_X
ClientSampled :

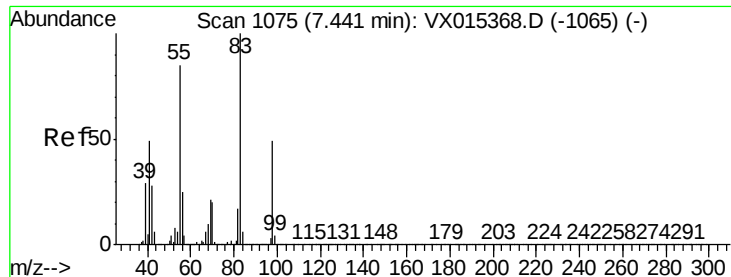
Tot Ion: 43 Resp: 935924
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.730 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 117 Resp: 827793
Ion Ratio Lower Upper
117 100
119 90.0 78.0 117.0
121 29.4 23.8 35.8

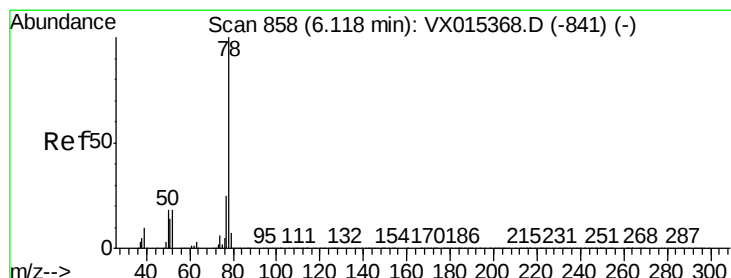
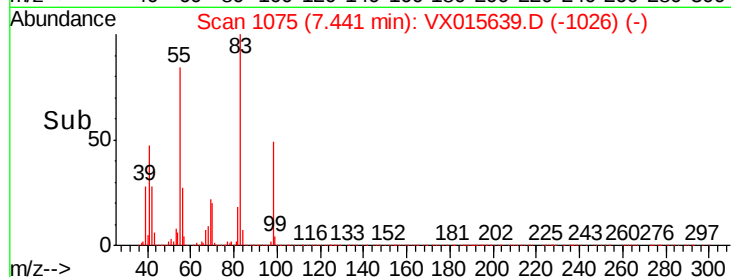
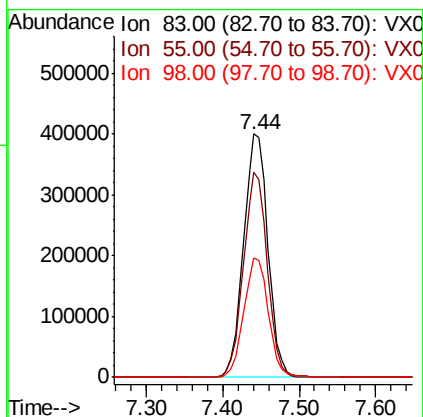
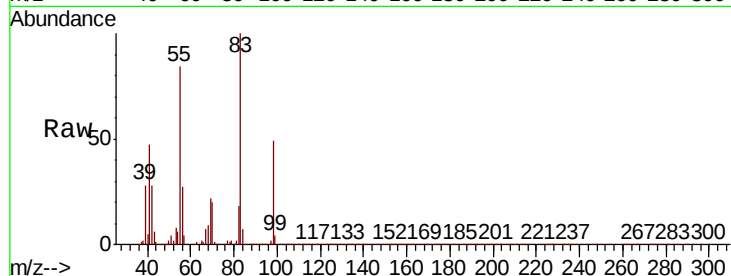




#39
Methvlcvclohexane
Concen: 50.962 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

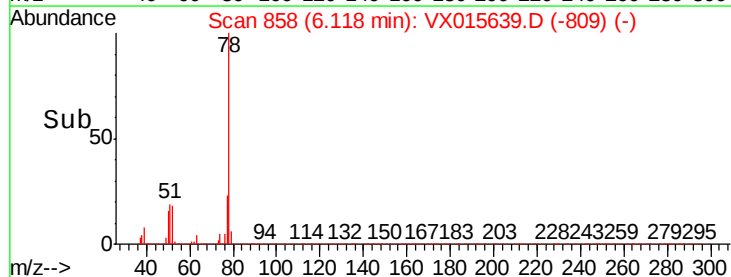
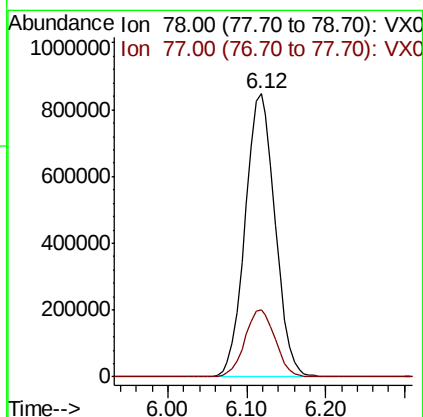
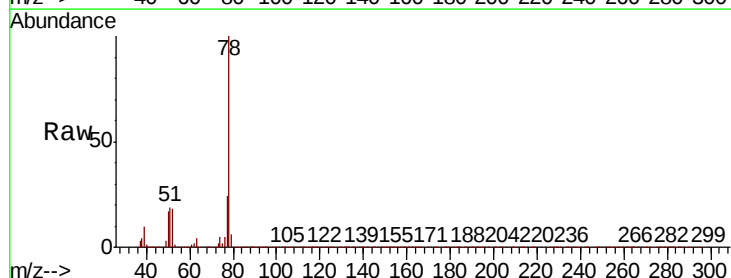
Instrument :
MSVOA_X
ClientSampleId :

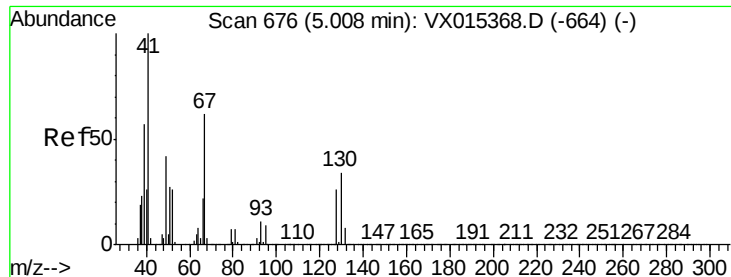
Tot Ion: 83 Resp: 885254
Ion Ratio Lower Upper
83 100
55 83.9 67.8 101.6
98 49.2 39.3 58.9



#40
Benzene
Concen: 50.592 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 78 Resp: 2232691
Ion Ratio Lower Upper
78 100
77 23.7 19.8 29.8

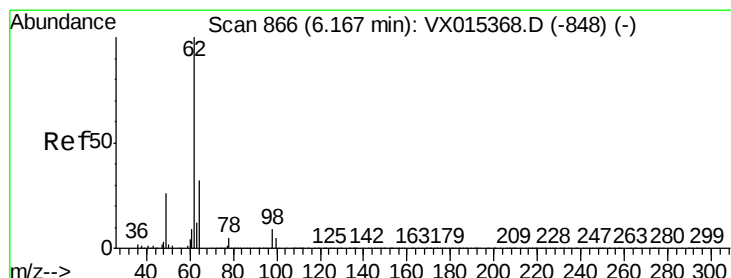
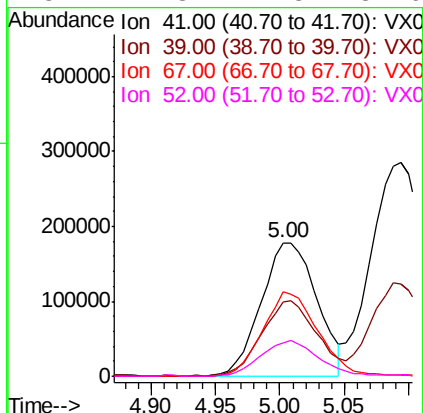
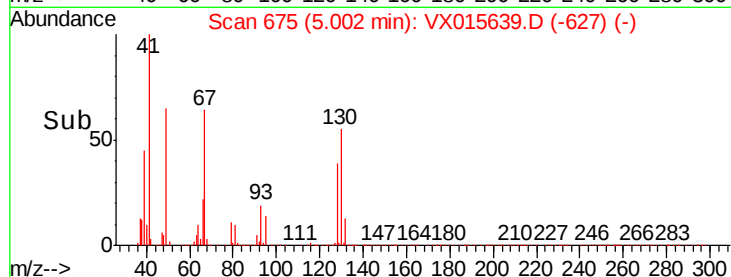
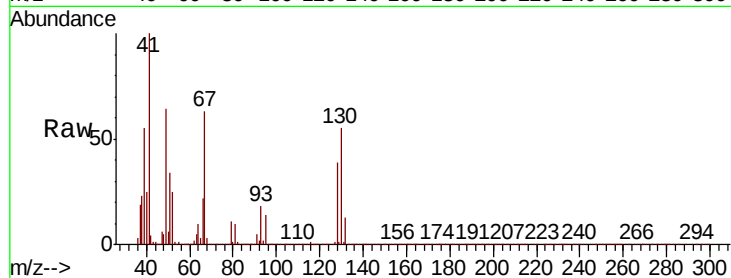




#41
Methacrylonitrile
Concen: 48.790 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

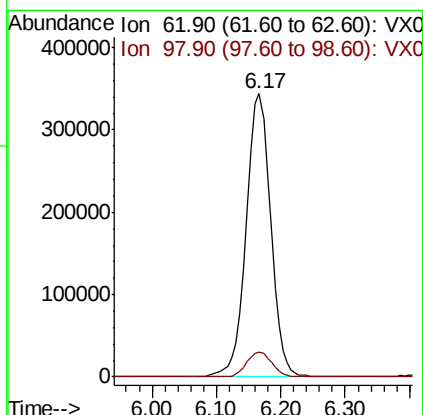
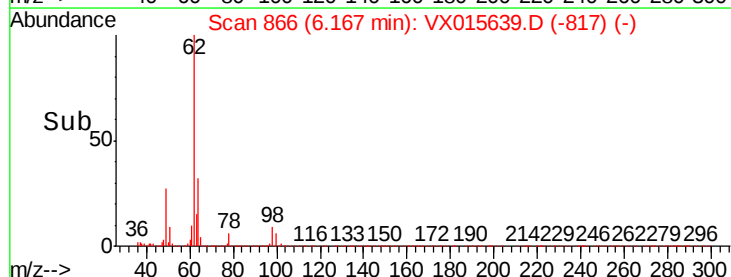
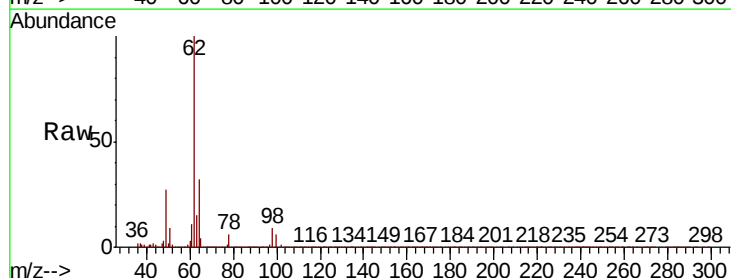
Instrument :
MSVOA_X
ClientSampleId :

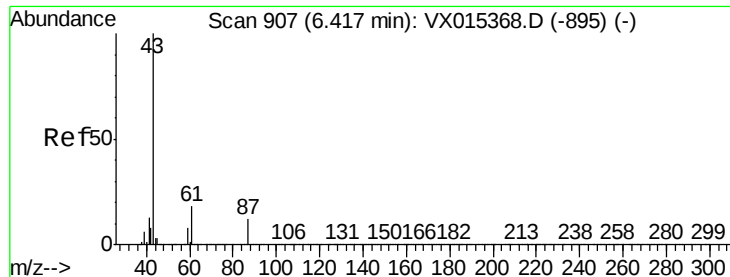
Tot Ion:	41	Resp:	531296
Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.5	66.7
67	62.9	48.9	73.3
52	27.3	21.8	32.6



#42
1,2-Dichloroethane
Concen: 50.364 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion:	62	Resp:	892788
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



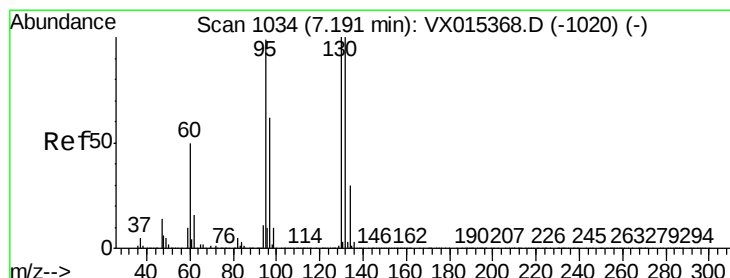
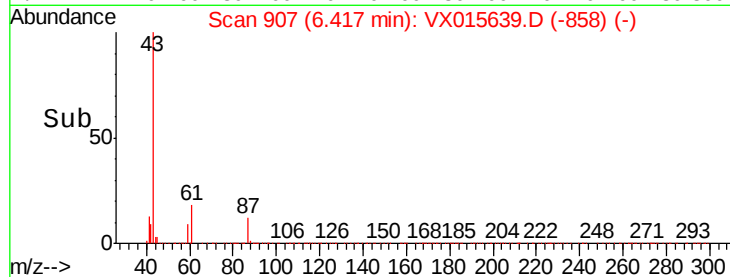
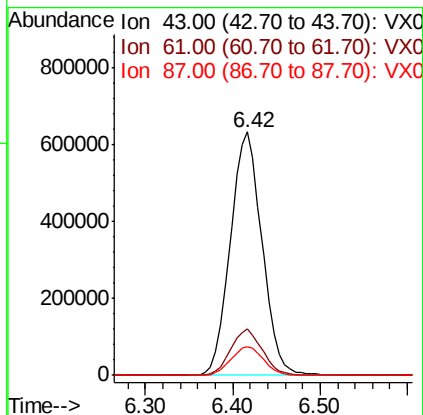
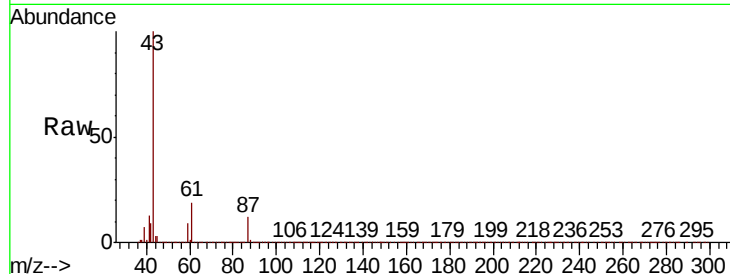


#43

Isopropyl Acetate
 Concen: 47.836 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :

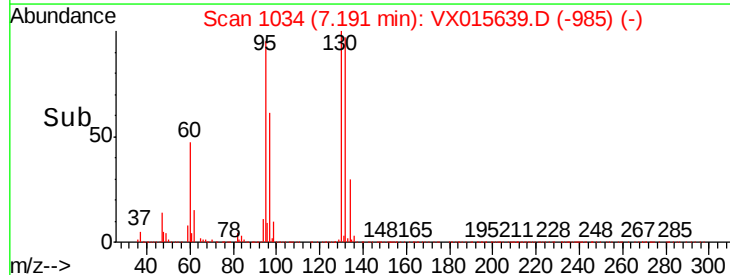
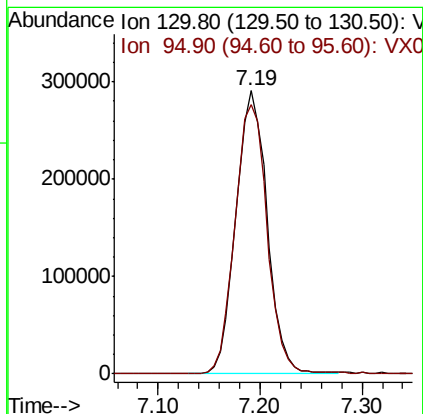
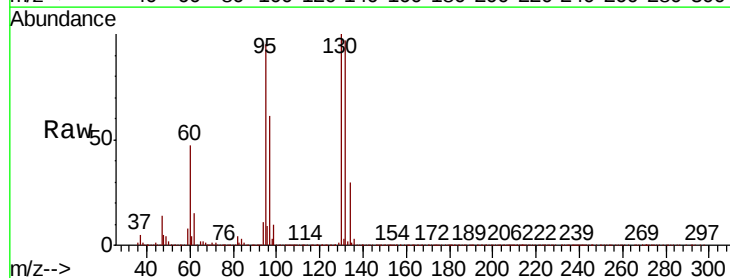
Tot Ion: 43 Resp: 1584090
 Ion Ratio Lower Upper
 43 100
 61 18.9 14.8 22.2
 87 11.8 9.4 14.0

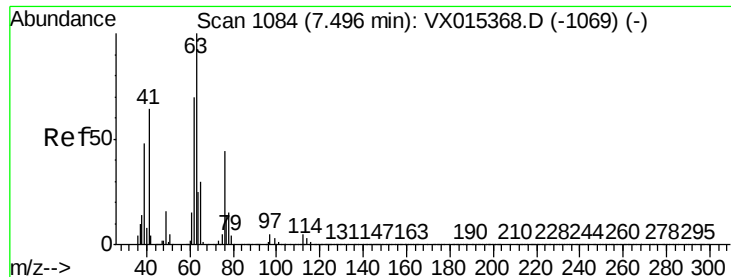


#44

Trichloroethene
 Concen: 51.294 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Tgt Ion: 130 Resp: 617367
 Ion Ratio Lower Upper
 130 100
 95 95.3 0.0 199.0





#45

1,2-Dichloropropane

Concen: 49.704 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

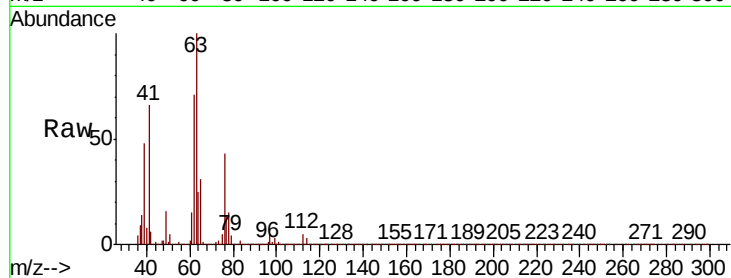
ClientSampleId :

Tot Ion: 63 Resp: 600052

Ion Ratio Lower Upper

63 100

65 31.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

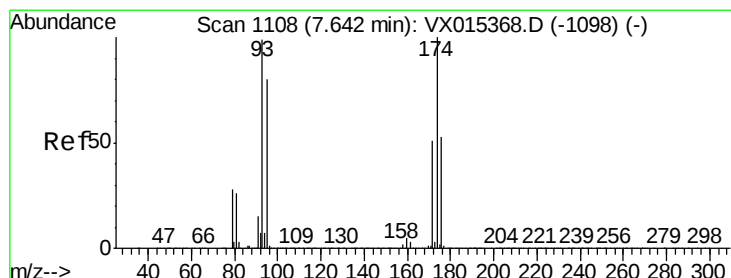
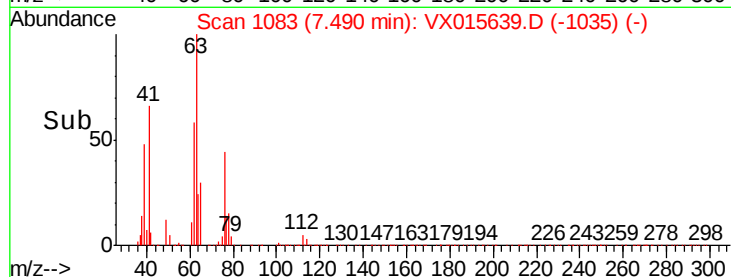
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 50.703 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

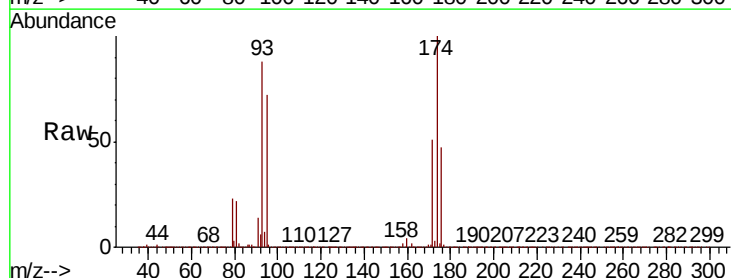
Tgt Ion: 93 Resp: 401531

Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

174 112.0 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

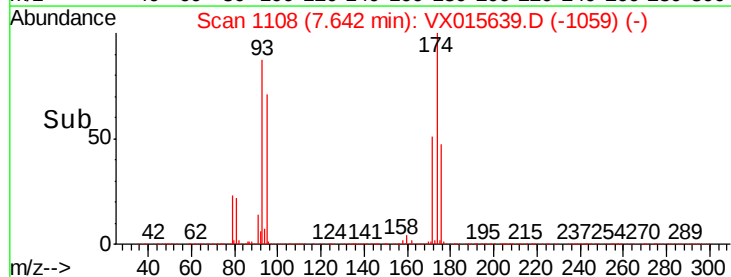
300000

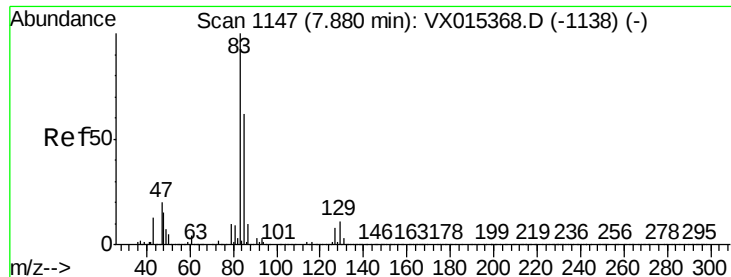
200000

100000

0

Time-->





#47

Bromodichloromethane

Concen: 49.881 ug/l

RT: 7.88 min Scan# 1147

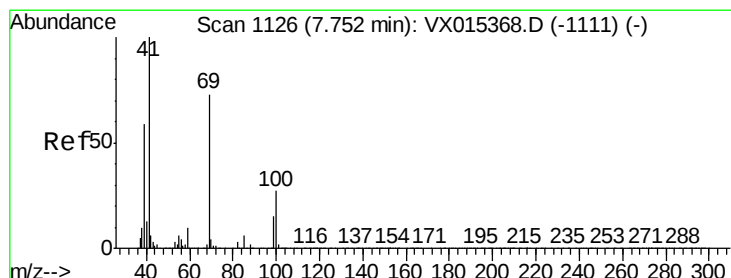
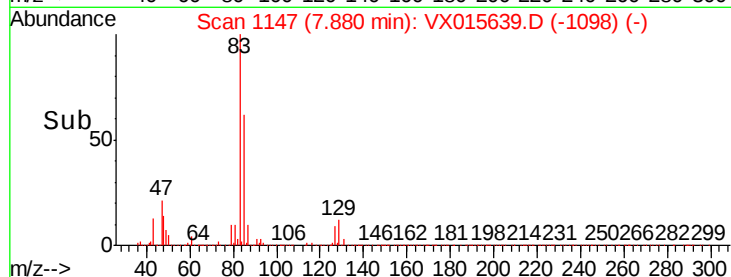
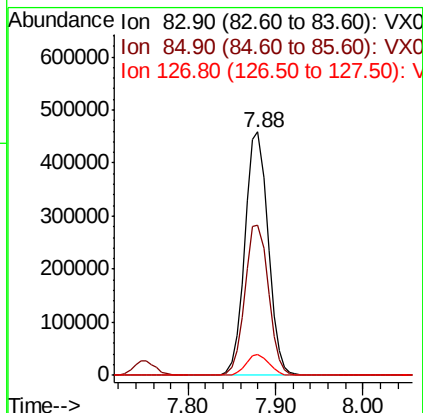
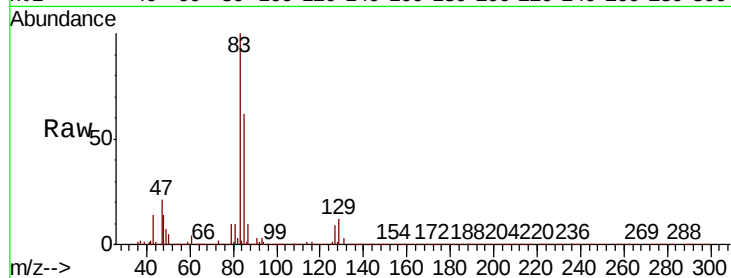
Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	841726
Ion	Ratio	Lower	Upper
83	100		
85	61.9	49.7	74.5
127	8.8	6.7	10.1



#48

Methyl methacrylate

Concen: 48.579 ug/l

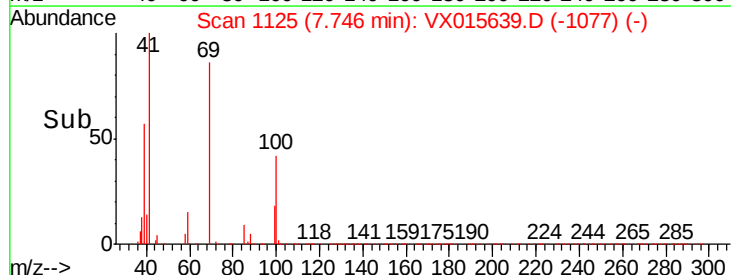
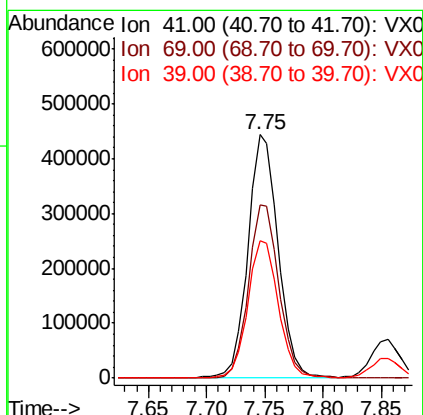
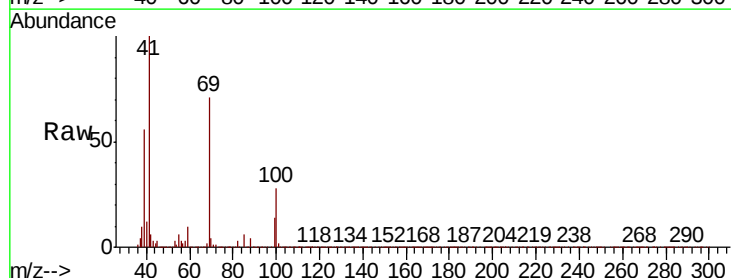
RT: 7.75 min Scan# 1125

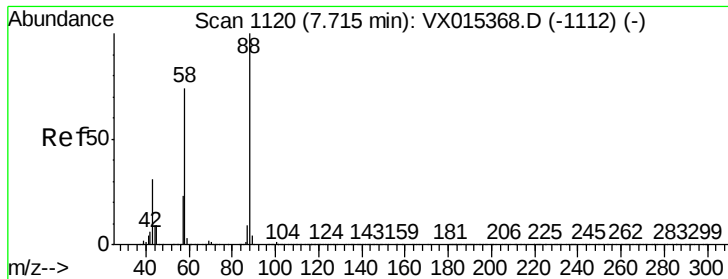
Delta R.T. -0.01 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Tgt Ion:	41	Resp:	803520
Ion	Ratio	Lower	Upper
41	100		
69	71.8	56.7	85.1
39	56.6	46.5	69.7





#49

1,4-Dioxane

Concen: 929.386 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

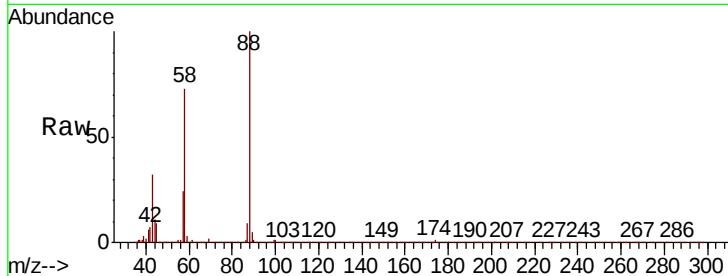
Tot Ion: 88 Resp: 286773

Ion Ratio Lower Upper

88 100

43 37.4 30.1 45.1

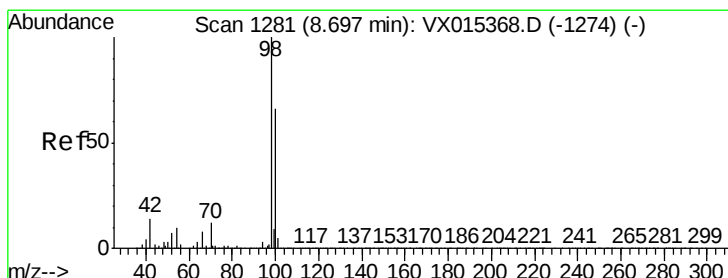
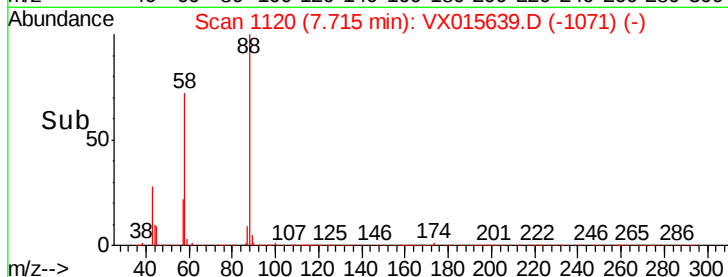
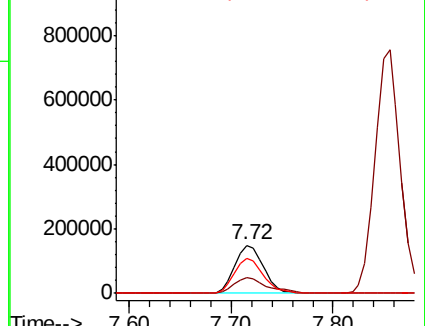
58 74.9 60.6 90.8



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: 52.512 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015639.D

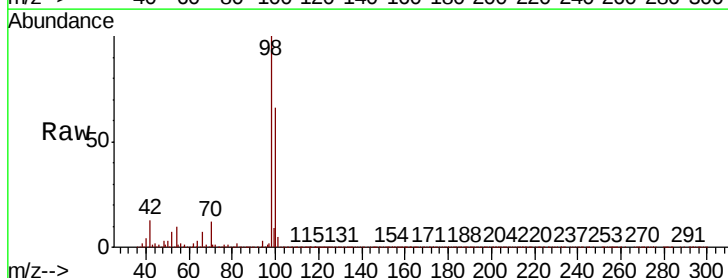
Acq: 10 Apr 2020 21:58

Tgt Ion: 98 Resp: 2020760

Ion Ratio Lower Upper

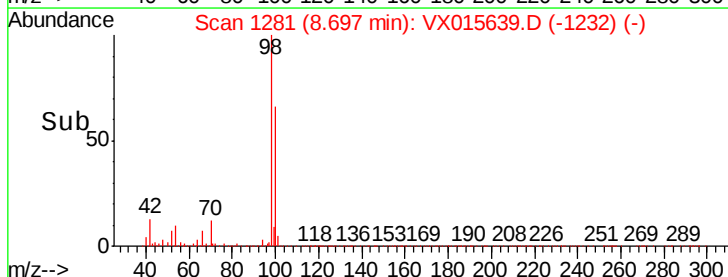
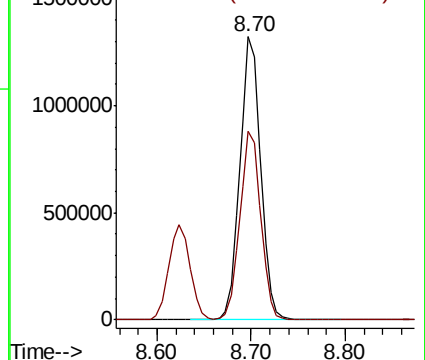
98 100

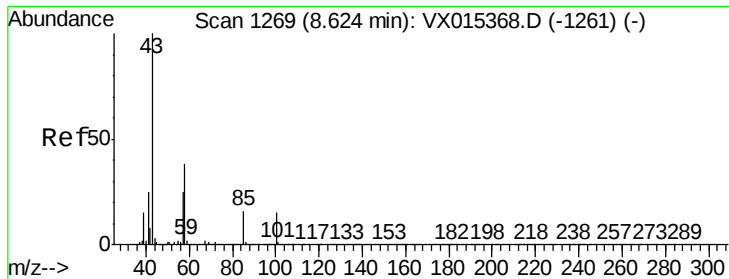
100 67.4 53.5 80.3



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: 248.088 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

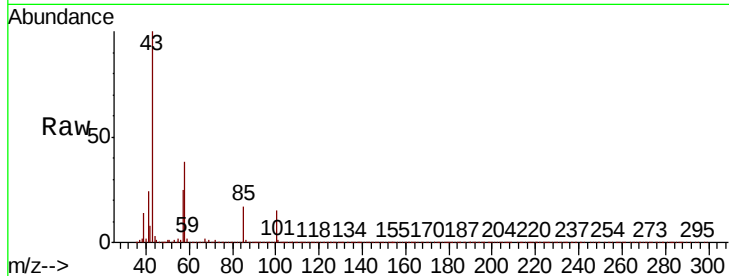
ClientSampleId :

Tot Ion: 43 Resp: 4655830

Ion Ratio Lower Upper

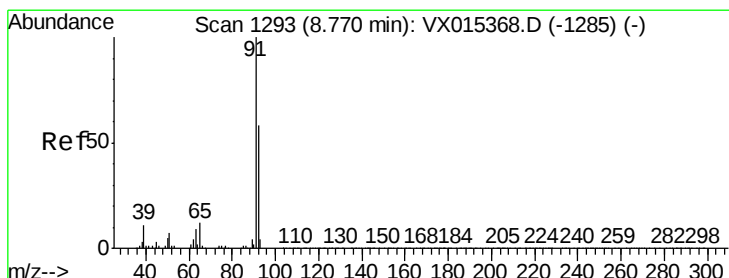
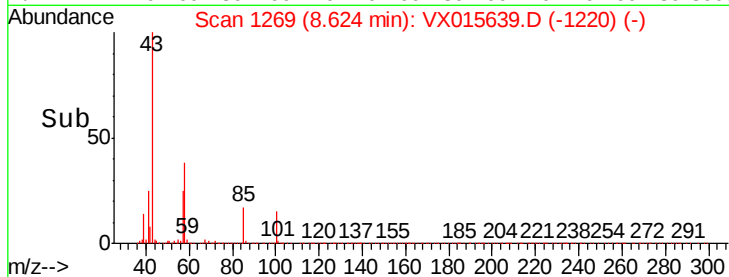
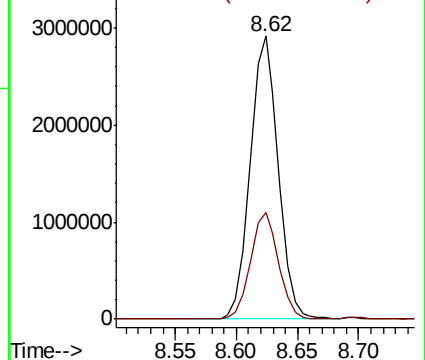
43 100

58 37.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.899 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015639.D

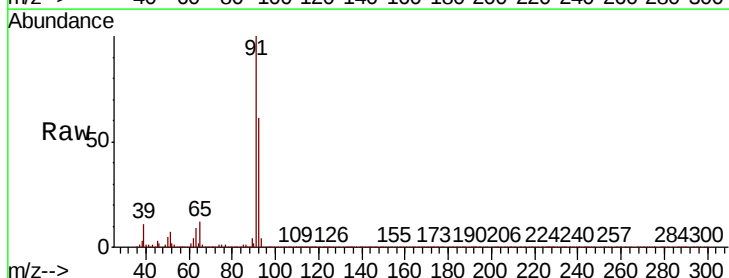
Acq: 10 Apr 2020 21:58

Tgt Ion: 92 Resp: 1439283

Ion Ratio Lower Upper

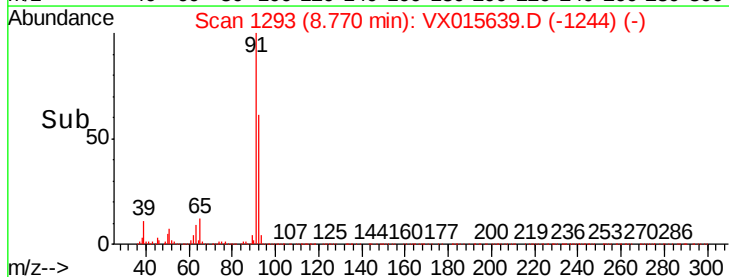
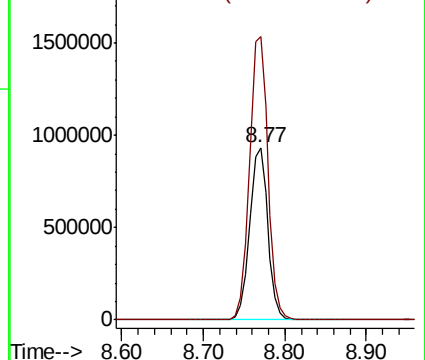
92 100

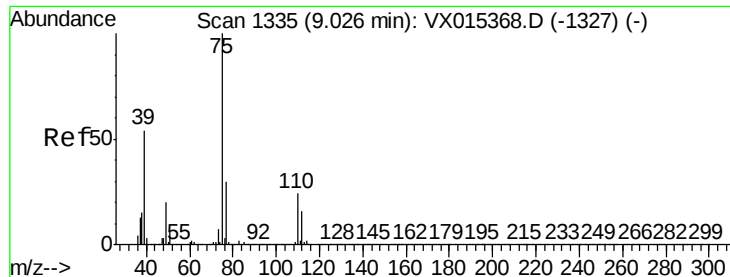
91 167.5 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

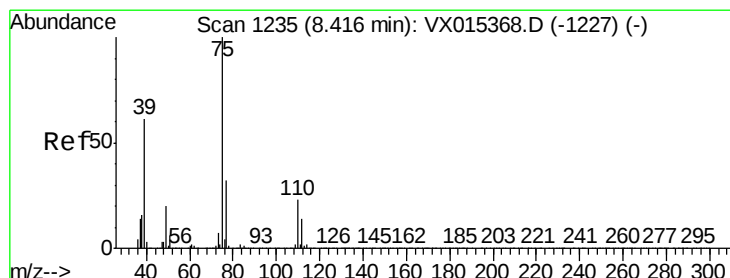
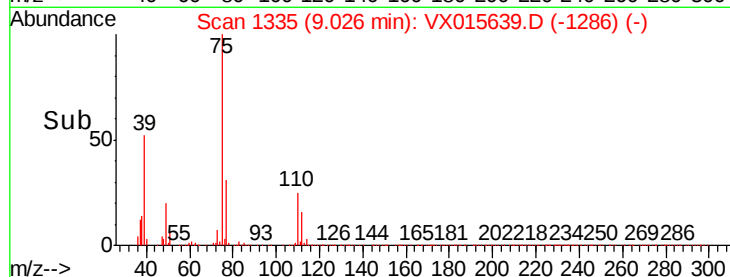
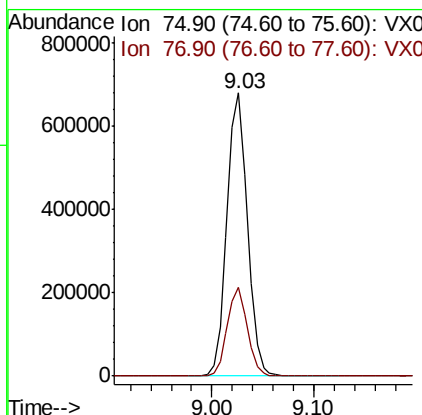
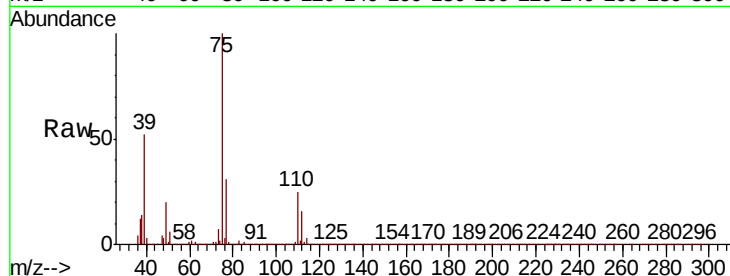




#53
t-1,3-Dichloropropene
Concen: 47.582 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

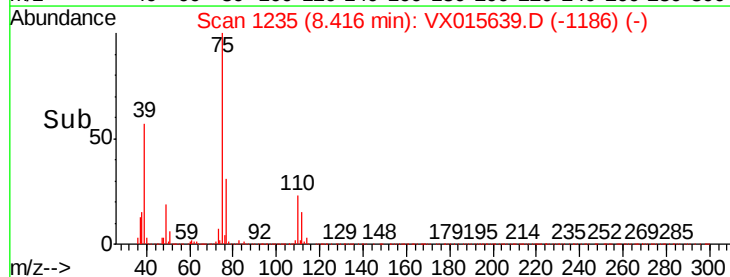
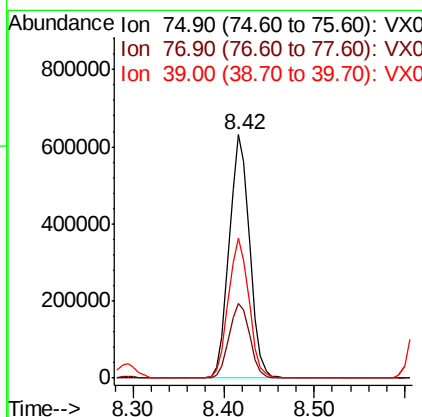
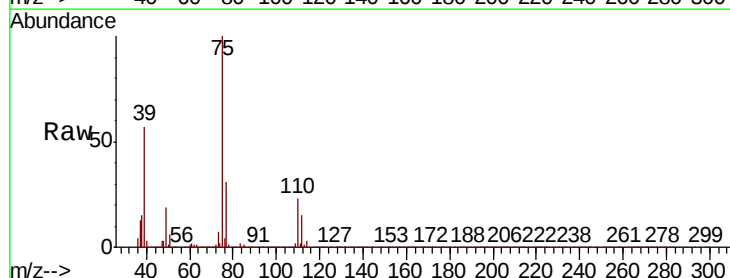
Instrument :
MSVOA_X
ClientSampleId :

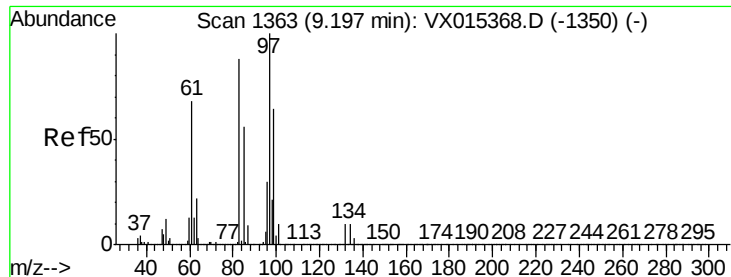
Tot Ion: 75 Resp: 941692
Ion Ratio Lower Upper
75 100
77 31.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.875 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 75 Resp: 985335
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6
39 57.3 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 52.400 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

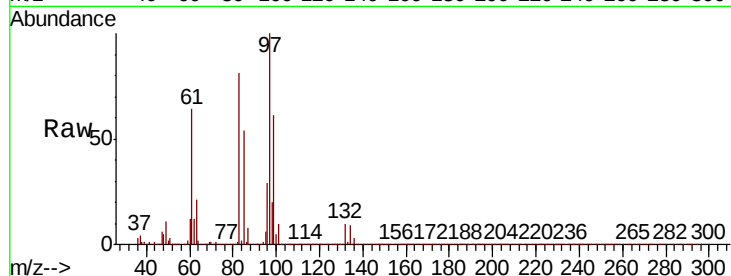
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 584117

Ion	Ratio	Lower	Upper
97	100		
83	80.8	70.2	105.4
85	53.8	44.7	67.1
99	60.4	51.1	76.7



Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.20

400000

300000

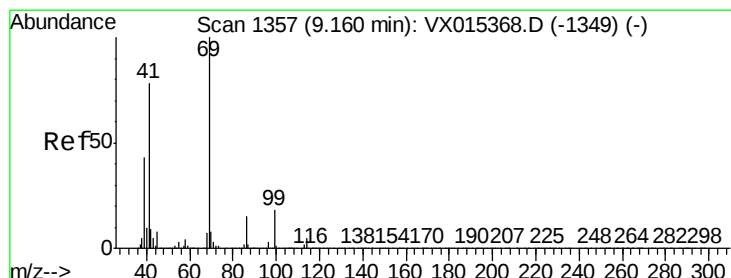
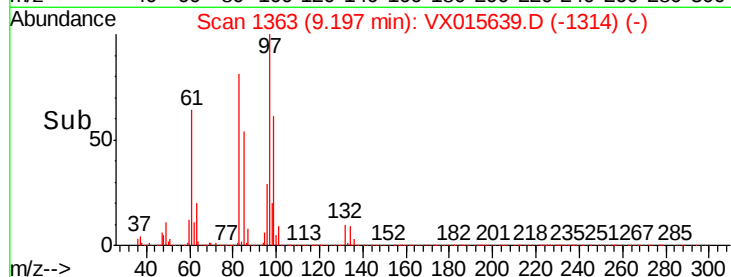
200000

100000

0

9.10 9.20 9.30

Time-->



#56

Ethyl methacrylate

Concen: 49.852 ug/l

RT: 9.16 min Scan# 1357

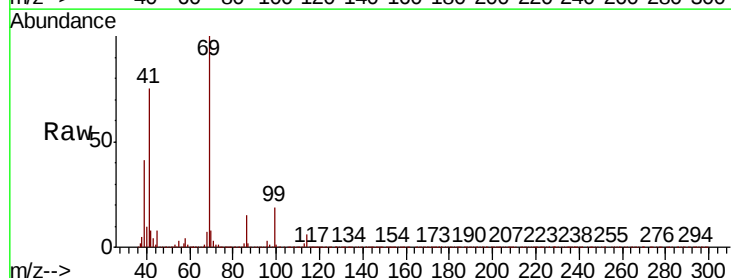
Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Tgt Ion: 69 Resp: 979367

Ion	Ratio	Lower	Upper
69	100		
41	75.9	61.6	92.4
39	41.5	34.0	51.0



Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.16

800000

600000

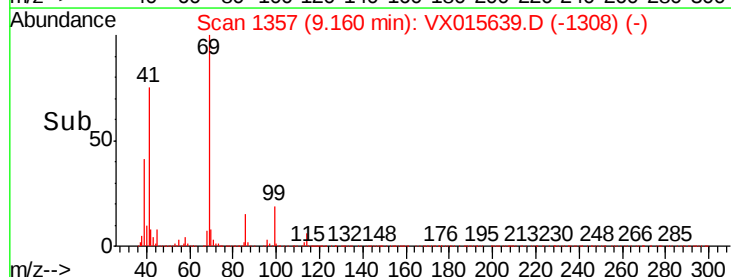
400000

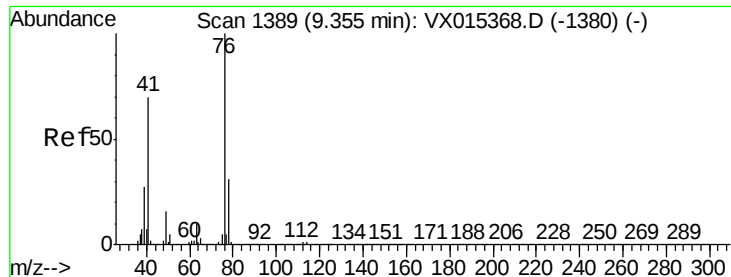
200000

0

9.10 9.15 9.20 9.25

Time-->





#57

1,3-Dichloropropane

Concen: 49.740 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

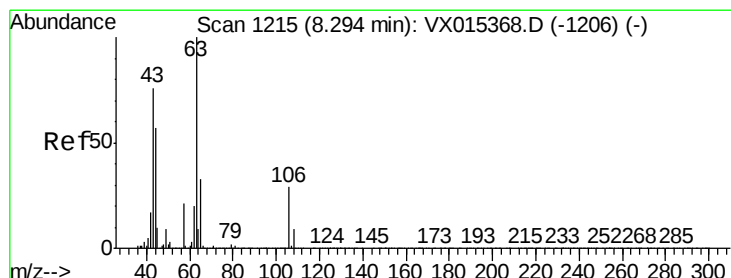
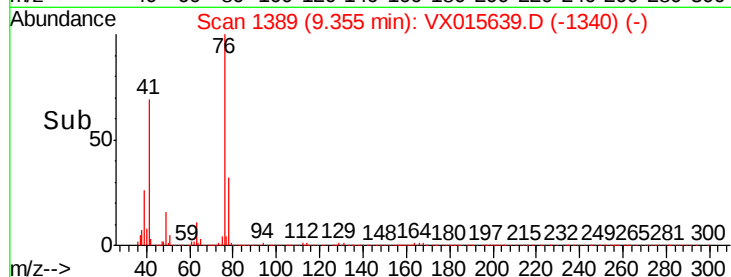
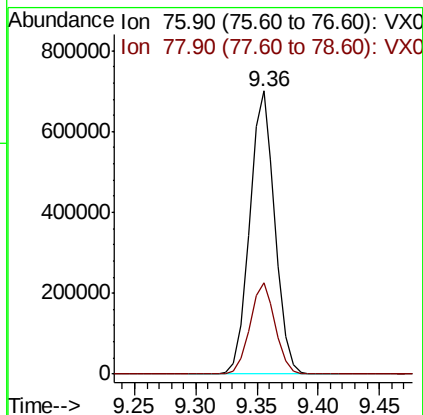
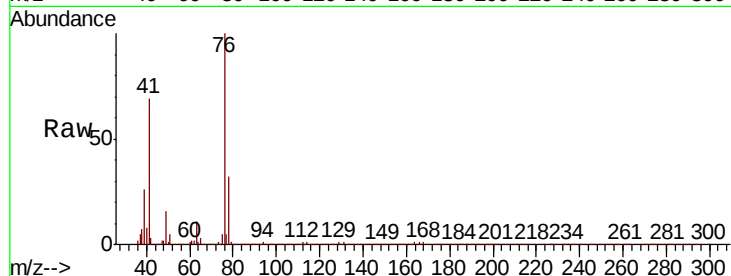
ClientSampleId :

Tot Ion: 76 Resp: 998979

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 253.179 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015639.D

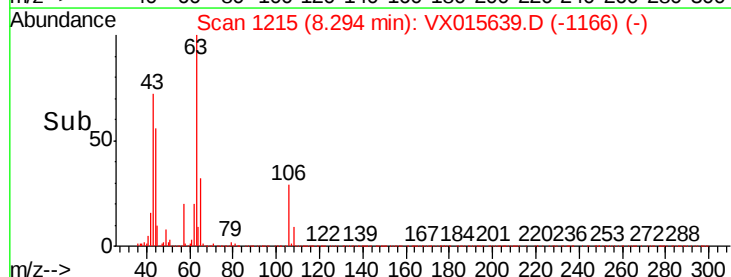
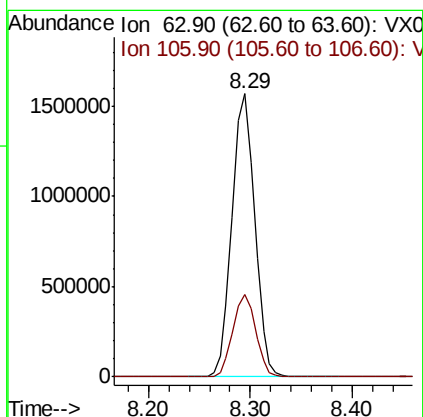
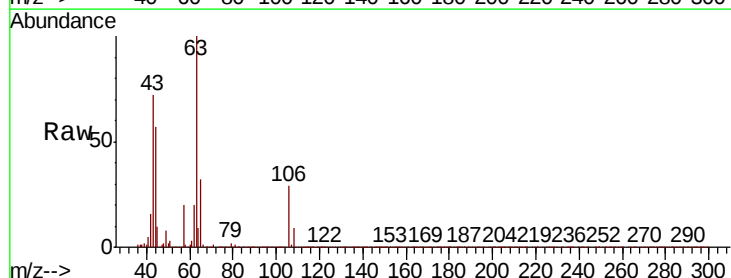
Acq: 10 Apr 2020 21:58

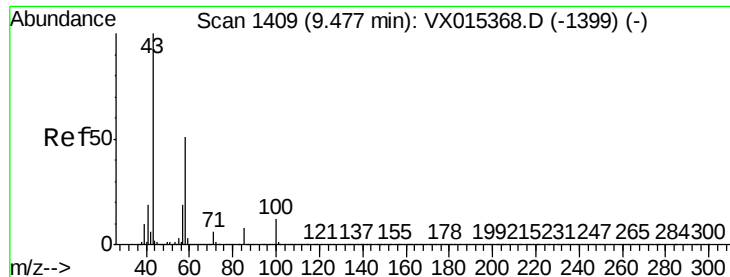
Tgt Ion: 63 Resp: 2419318

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1

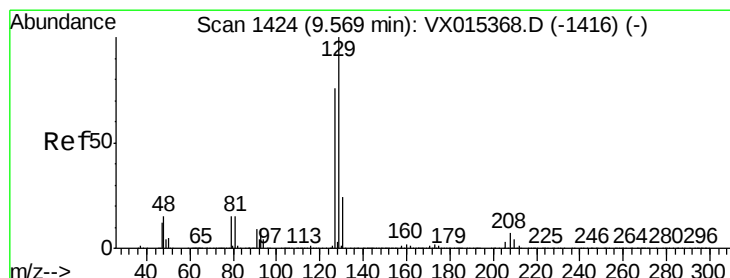
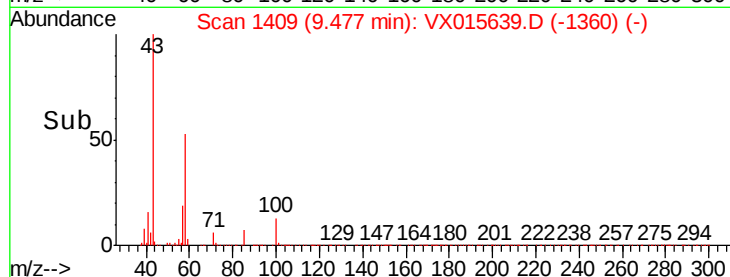
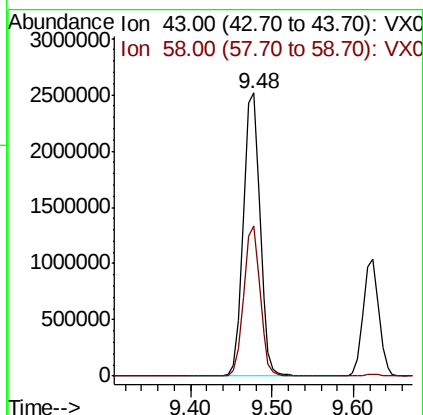
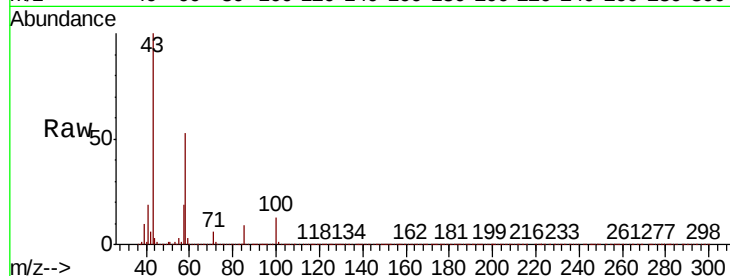




#59
2-Hexanone
Concen: 249.208 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

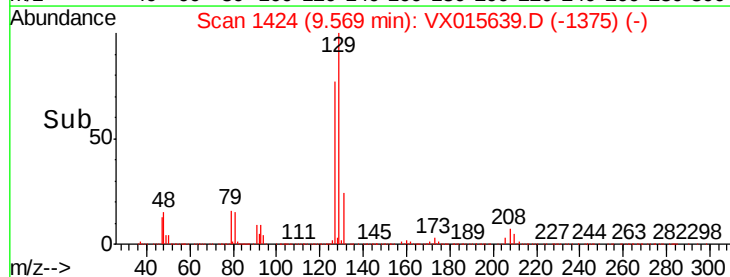
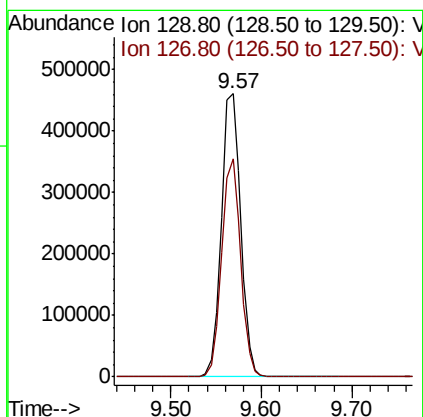
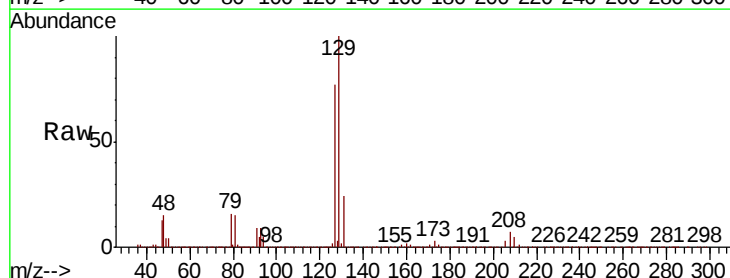
Instrument :
MSVOA_X
ClientSampled :

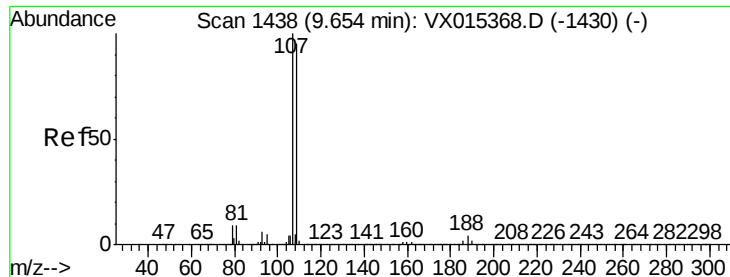
Tot Ion: 43 Resp: 3530909
Ion Ratio Lower Upper
43 100
58 52.0 25.6 76.6



#60
Dibromochloromethane
Concen: 51.142 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 129 Resp: 685050
Ion Ratio Lower Upper
129 100
127 75.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.196 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

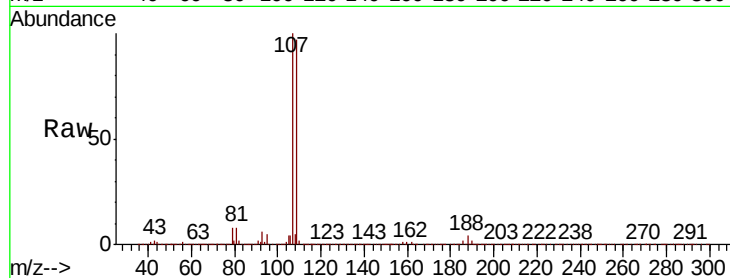
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 608427

Ion Ratio Lower Upper

107 100

109 98.1 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

400000

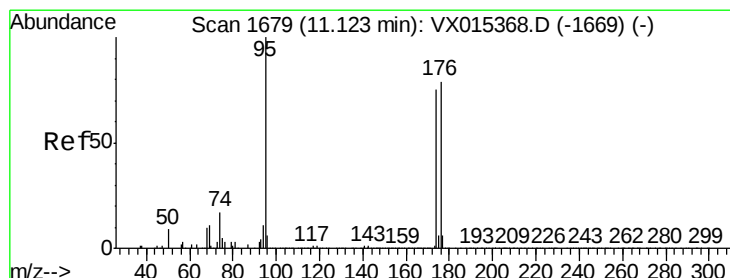
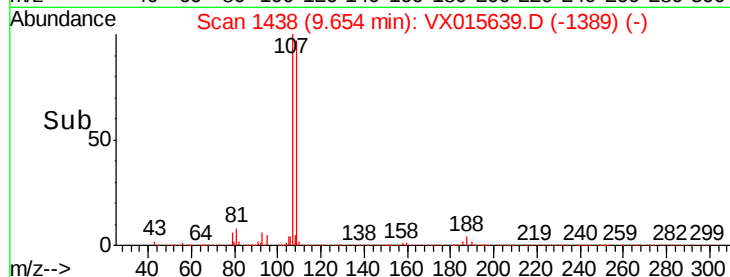
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 53.623 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

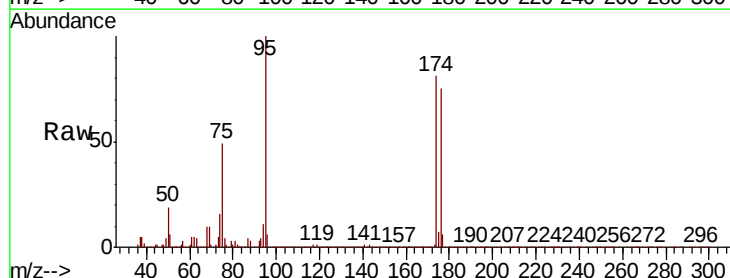
Tgt Ion: 95 Resp: 838608

Ion Ratio Lower Upper

95 100

174 85.0 0.0 158.6

176 81.3 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

11.12

800000

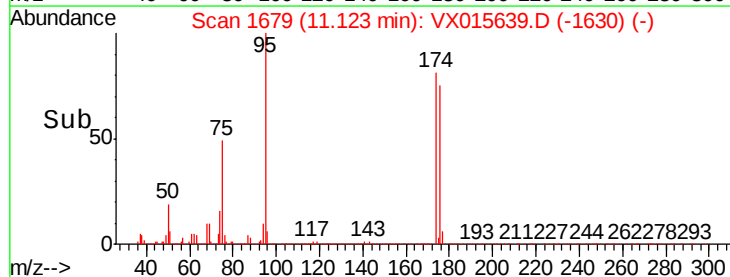
600000

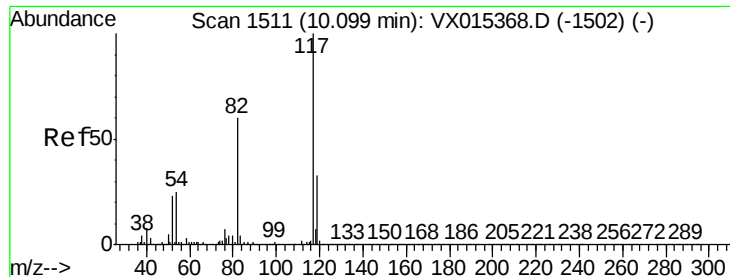
400000

200000

0

Time--> 11.00 11.10 11.20

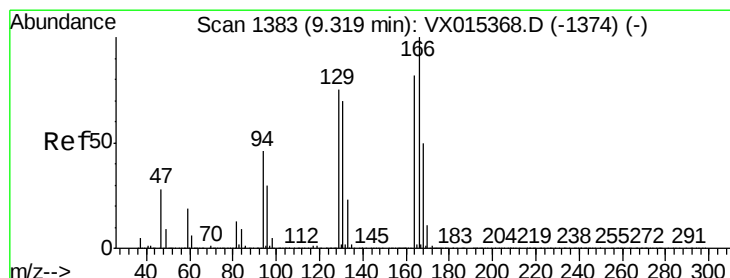
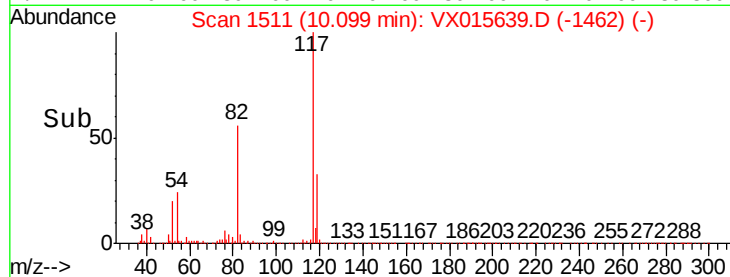
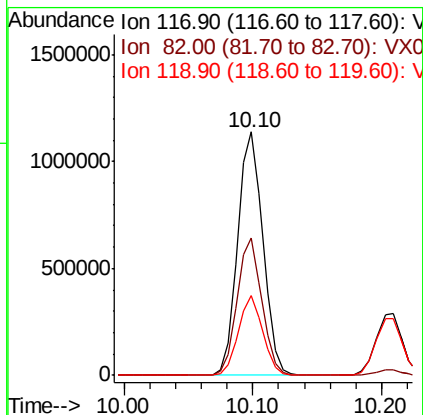
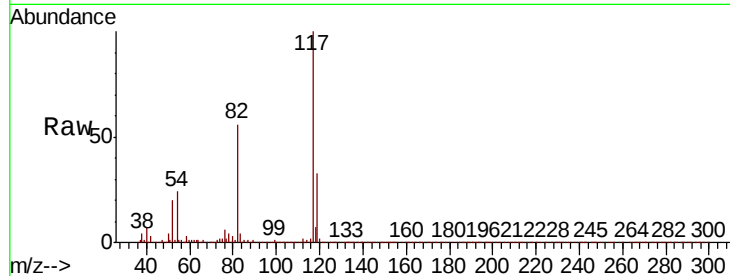




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

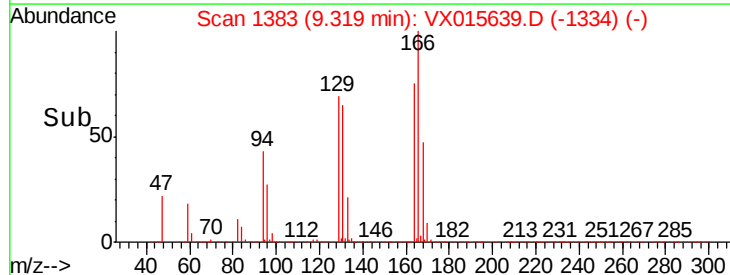
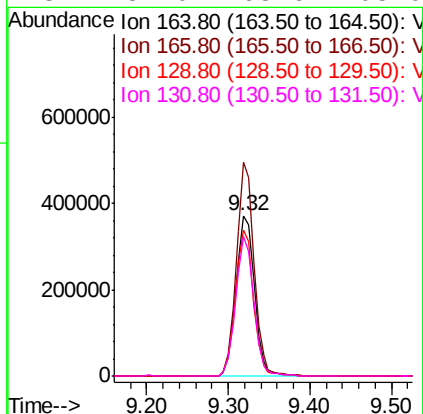
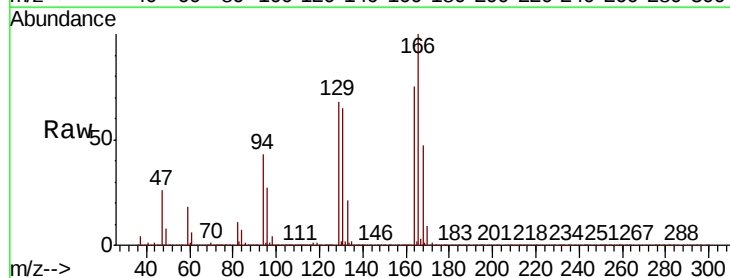
Instrument :
MSVOA_X
ClientSampleId :

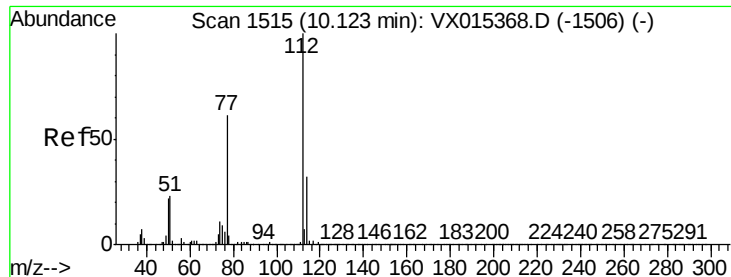
Tot Ion:117 Resp: 1545498
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.8
119 33.0 26.8 40.2



#64
Tetrachloroethene
Concen: 49.128 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion:164 Resp: 573002
Ion Ratio Lower Upper
164 100
166 133.0 97.8 146.6
129 91.1 73.0 109.4
131 87.0 68.6 103.0





#65

Chlorobenzene

Concen: 50.594 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

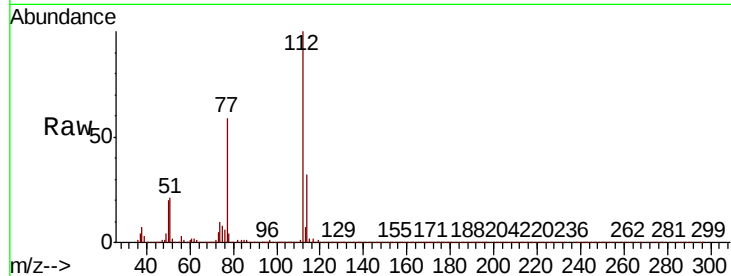
ClientSampled :

Tot Ion:112 Resp: 1559411

Ion Ratio Lower Upper

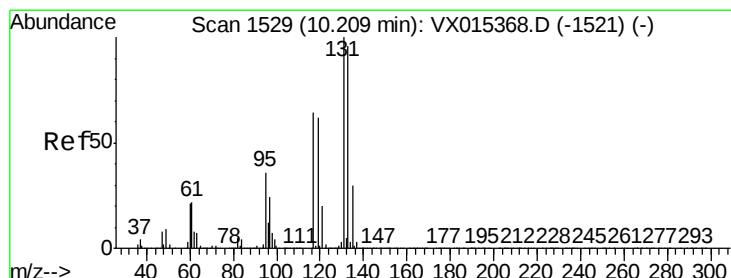
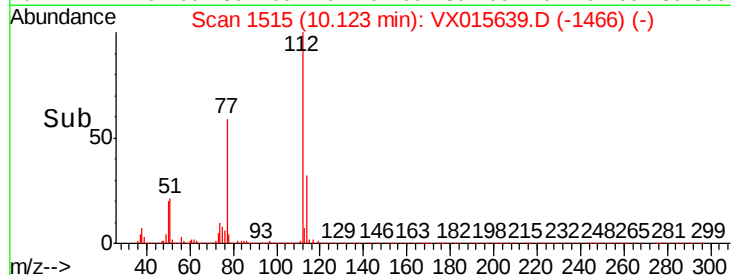
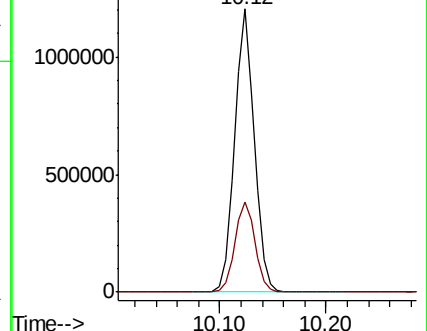
112 100

114 31.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.131 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

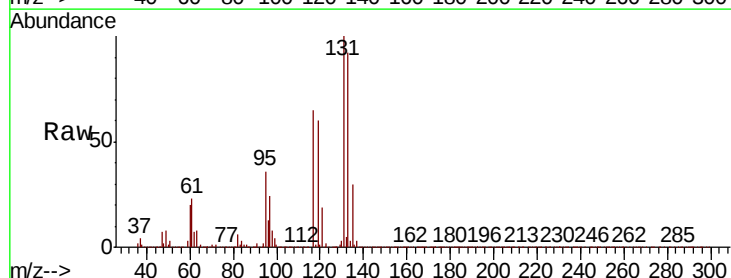
Tgt Ion:131 Resp: 617287

Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.9

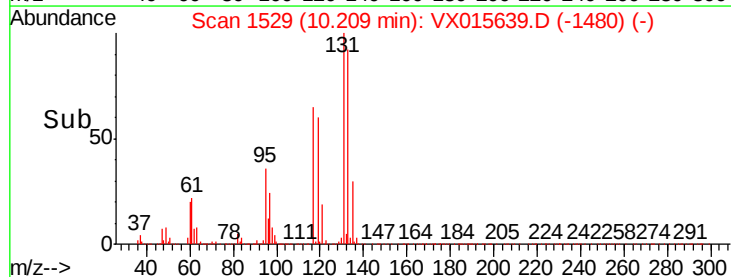
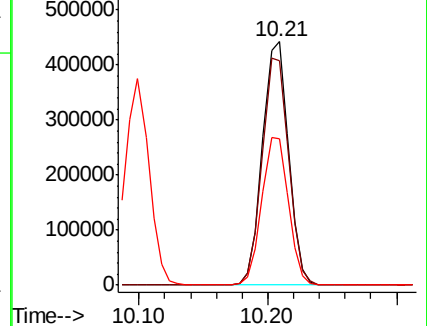
119 61.8 31.1 93.3

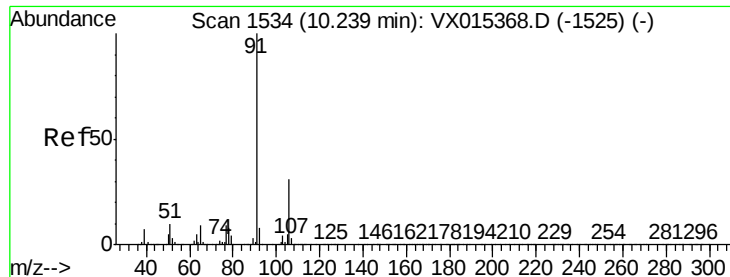


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.943 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

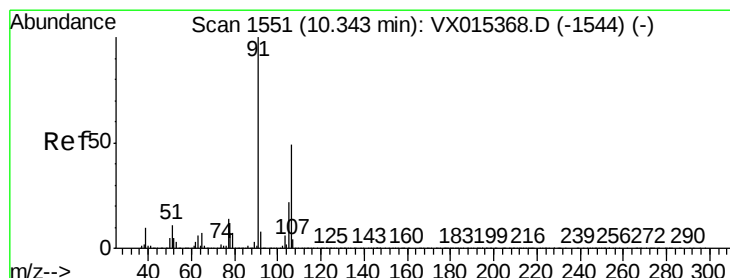
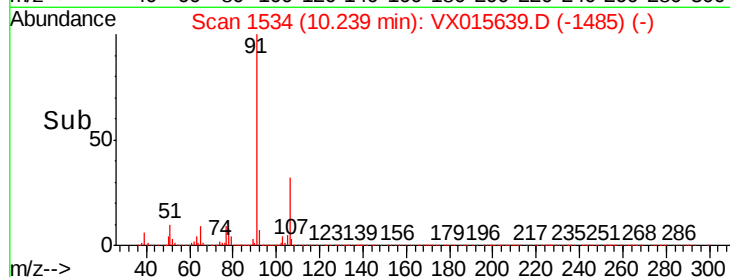
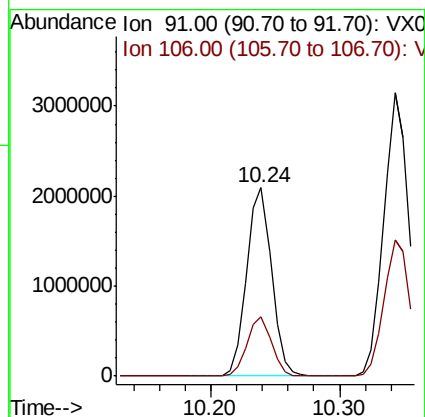
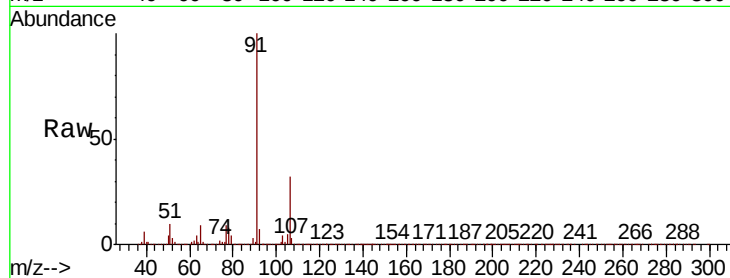
ClientSampleId :

Tot Ion: 91 Resp: 2784813

Ion Ratio Lower Upper

91 100

106 31.6 24.8 37.2



#68

m/p-Xylenes

Concen: 103.142 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015639.D

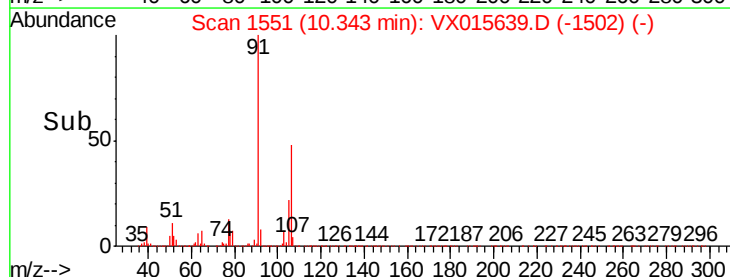
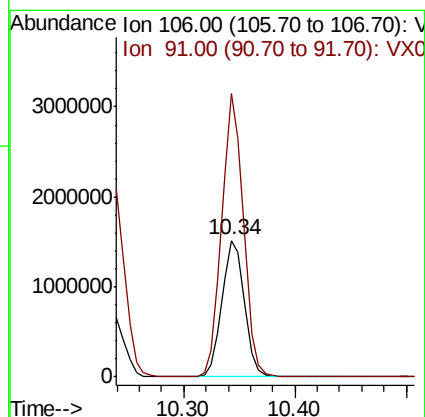
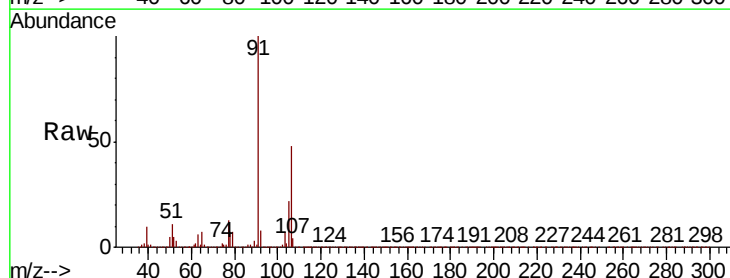
Acq: 10 Apr 2020 21:58

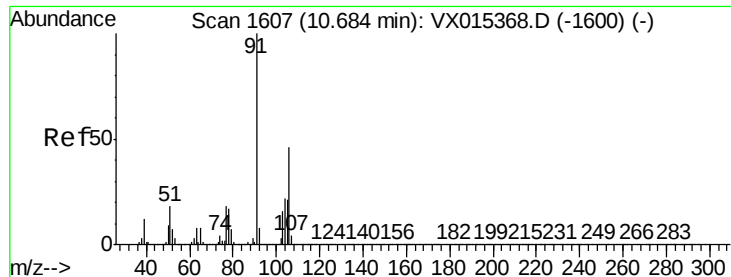
Tgt Ion: 106 Resp: 2099522

Ion Ratio Lower Upper

106 100

91 201.5 163.4 245.0

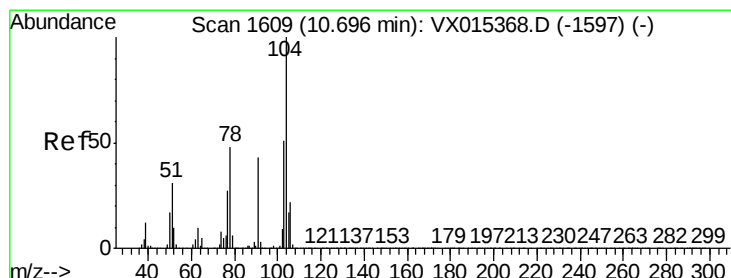
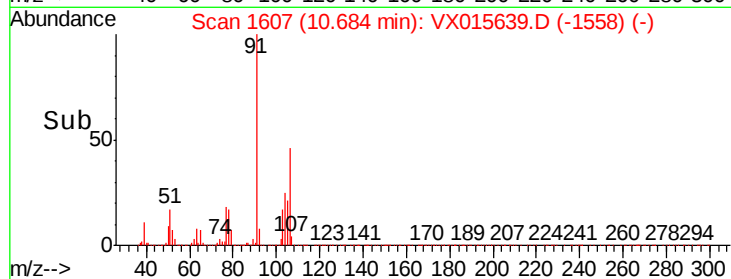
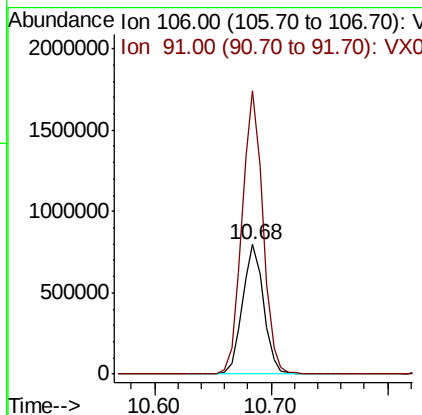
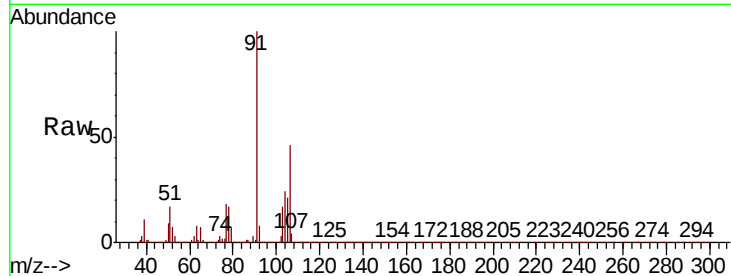




#69
o-Xylene
Concen: 50.252 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

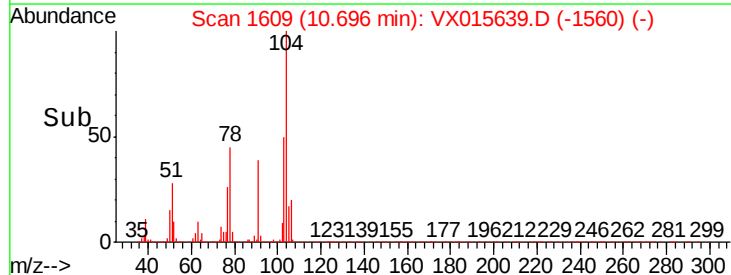
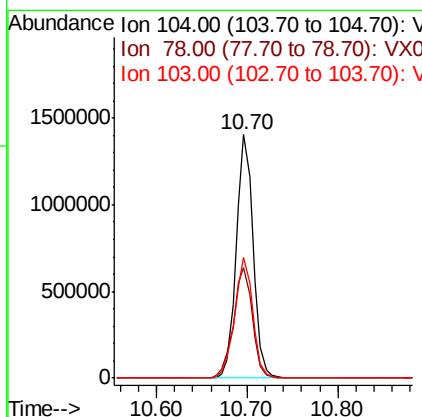
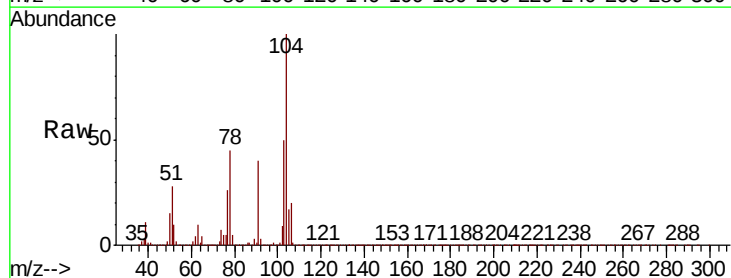
Instrument :
MSVOA_X
ClientSampleId :

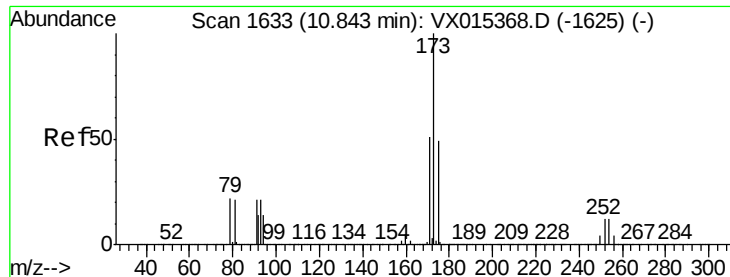
Tot Ion:106 Resp: 1010795
Ion Ratio Lower Upper
106 100
91 215.7 107.1 321.3



#70
Styrene
Concen: 51.052 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion:104 Resp: 1806989
Ion Ratio Lower Upper
104 100
78 50.9 42.0 63.0
103 53.1 43.4 65.0





#71

Bromoform

Concen: 48.820 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

ClientSampled :

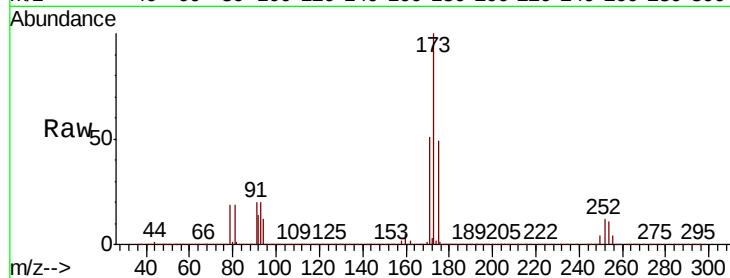
Tot Ion:173 Resp: 547250

Ion Ratio Lower Upper

173 100

175 46.9 23.9 71.7

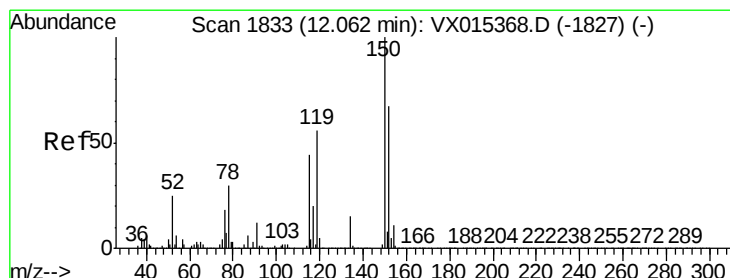
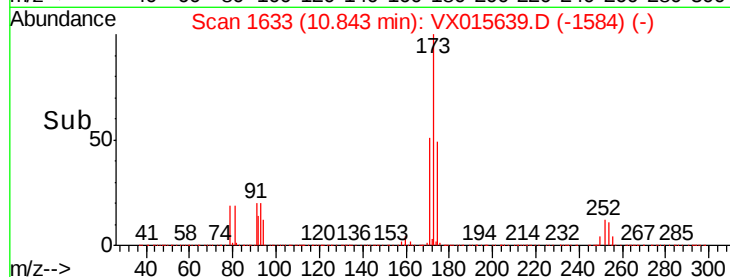
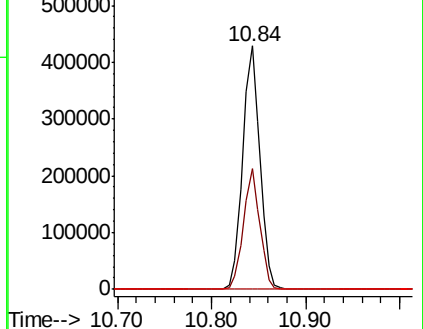
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

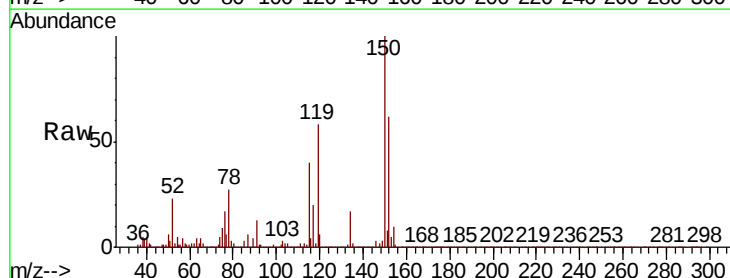
Tgt Ion:152 Resp: 823357

Ion Ratio Lower Upper

152 100

115 77.4 39.0 116.9

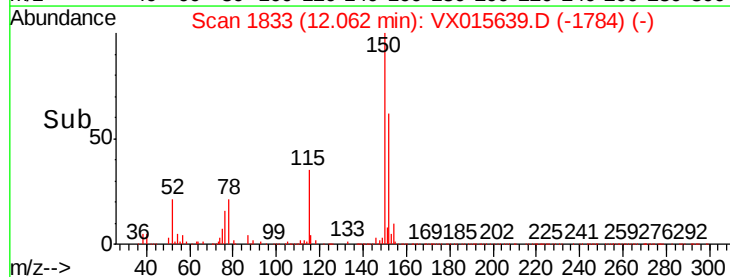
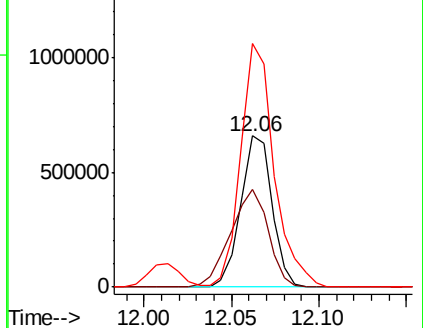
150 172.0 0.0 340.8

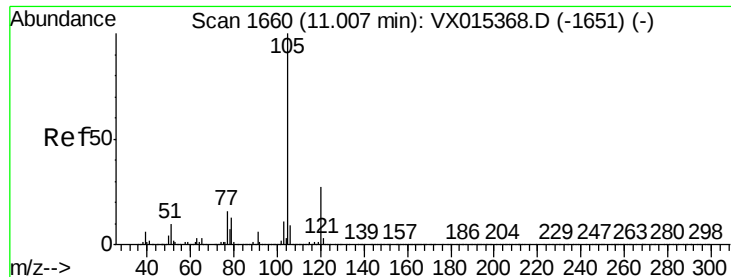


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.710 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

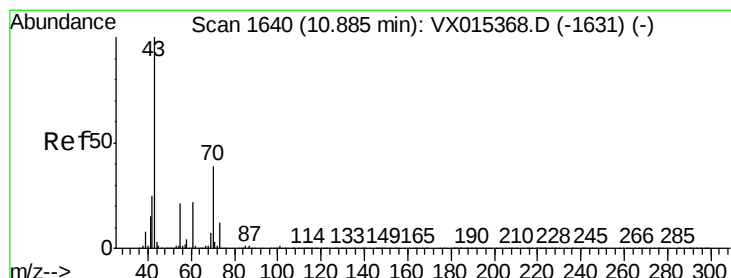
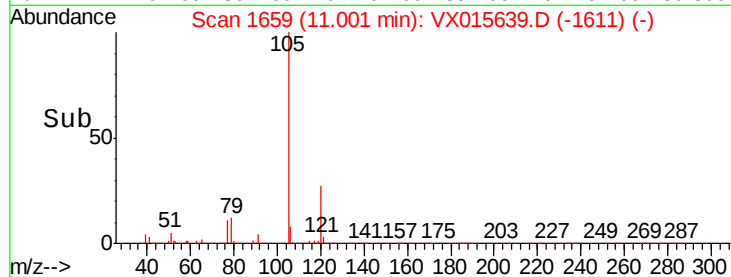
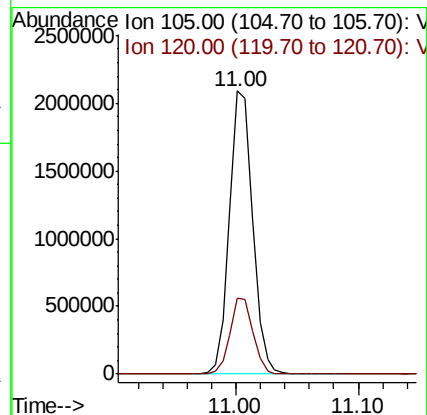
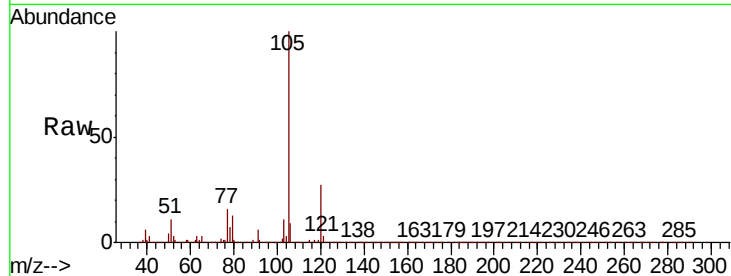
ClientSampleId :

Tot Ion:105 Resp: 2735697

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 45.664 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Tgt Ion: 43 Resp: 1370130

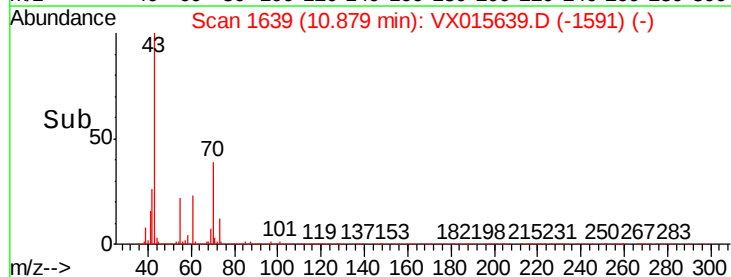
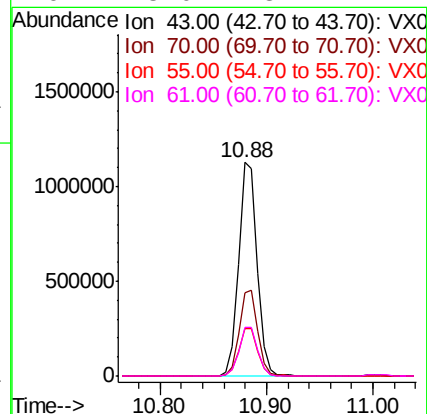
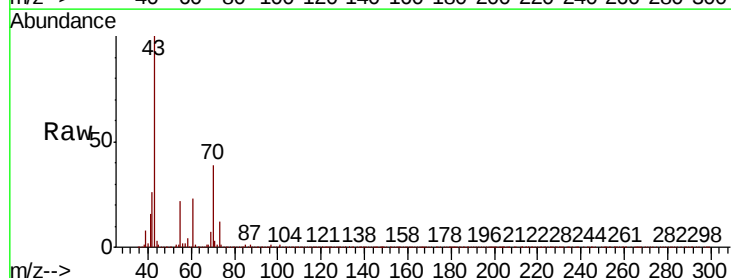
Ion Ratio Lower Upper

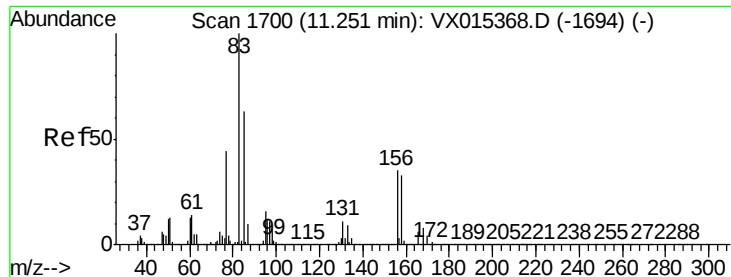
43 100

70 40.0 30.2 45.4

55 22.5 16.8 25.2

61 23.0 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.585 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

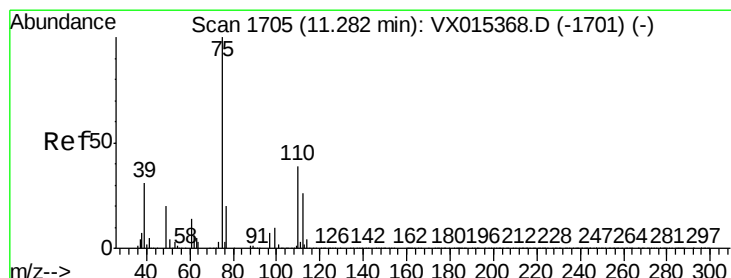
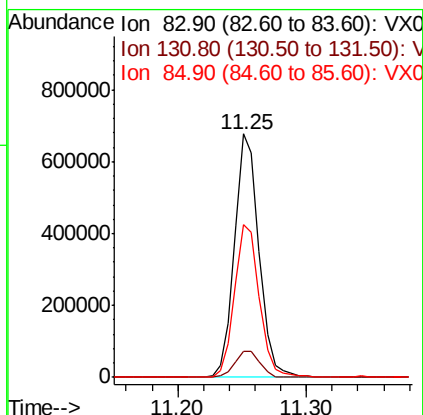
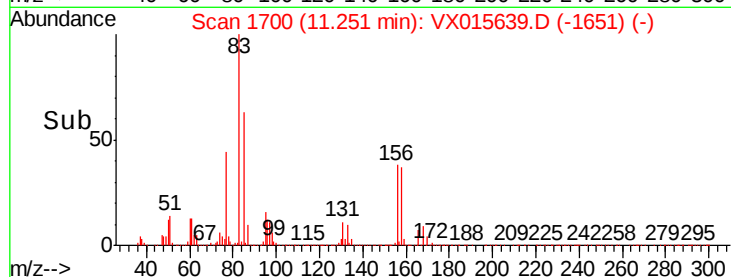
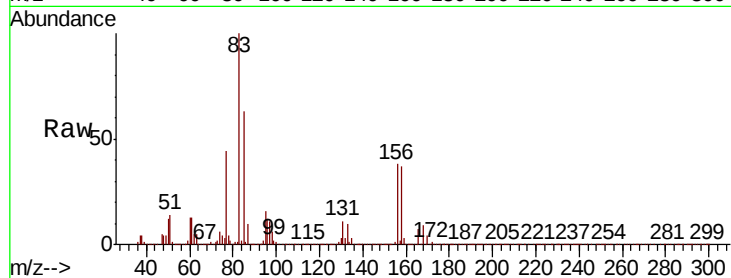
Tot Ion: 83 Resp: 899390

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 63.042 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015639.D

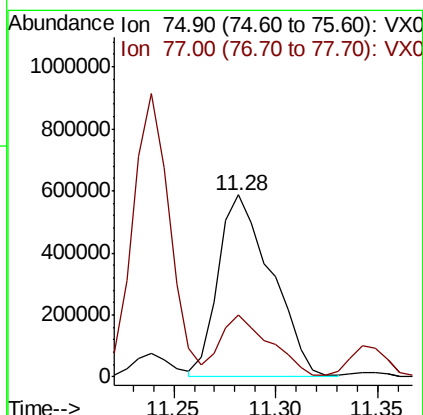
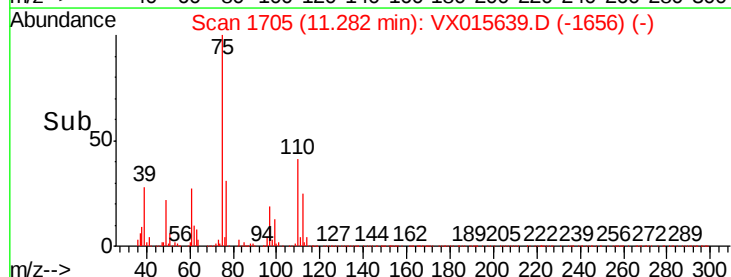
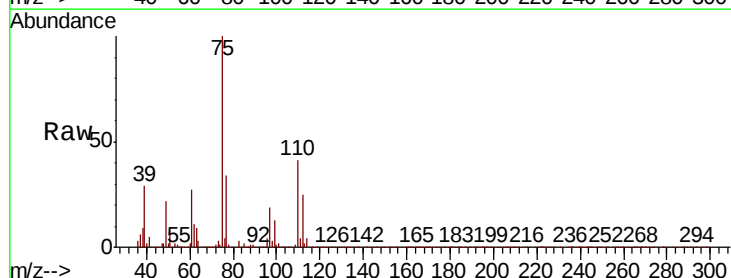
Acq: 10 Apr 2020 21:58

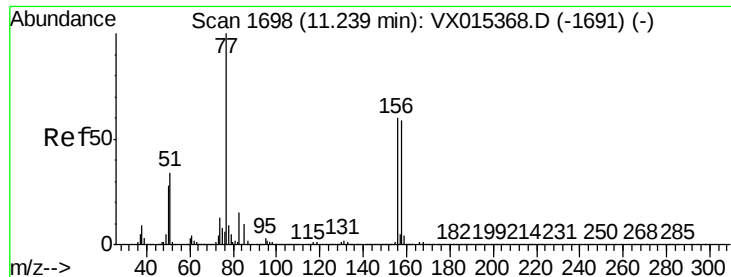
Tgt Ion: 75 Resp: 1067400

Ion Ratio Lower Upper

75 100

77 31.7 21.2 63.6





#77

Bromobenzene

Concen: 51.324 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

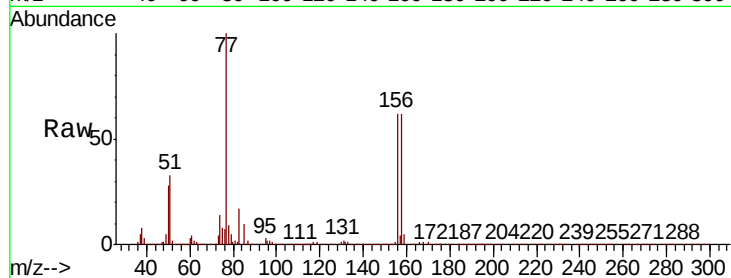
Tot Ion:156 Resp: 738551

Ion Ratio Lower Upper

156 100

77 154.5 82.2 246.5

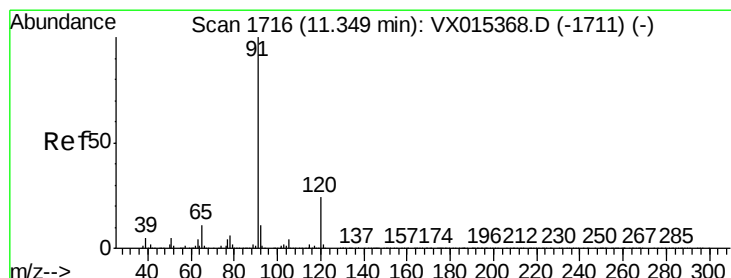
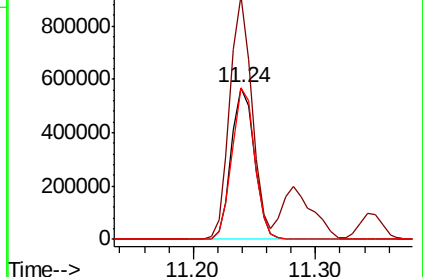
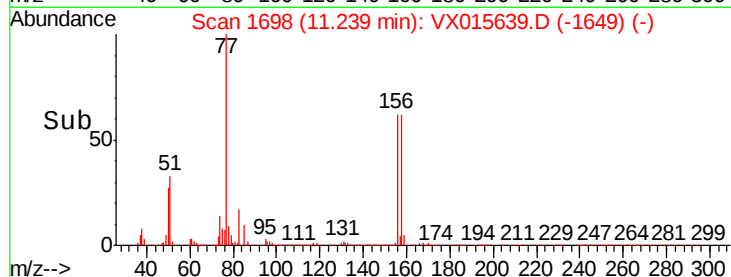
158 98.3 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.218 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015639.D

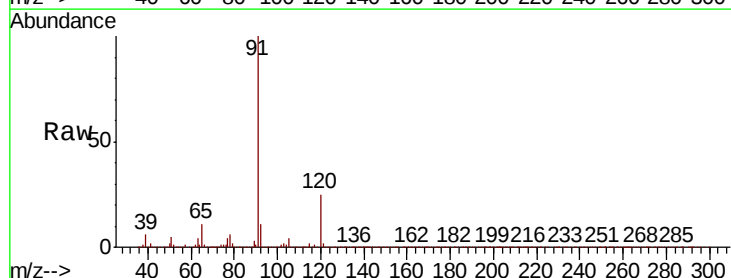
Acq: 10 Apr 2020 21:58

Tgt Ion: 91 Resp: 3097838

Ion Ratio Lower Upper

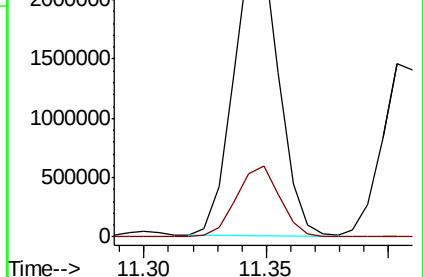
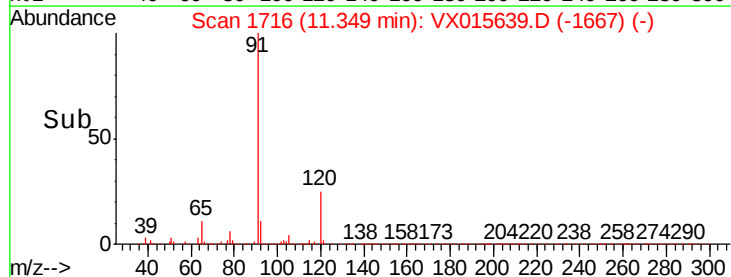
91 100

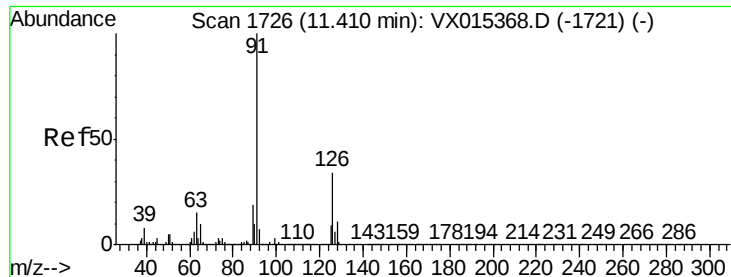
120 24.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.650 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

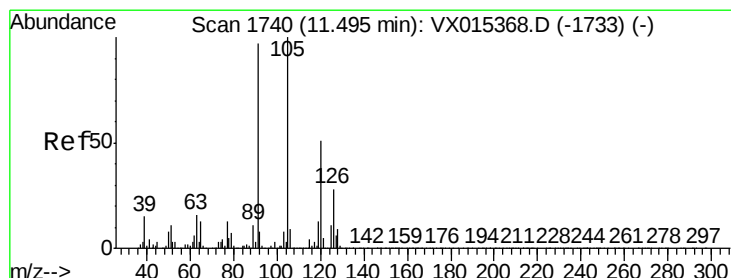
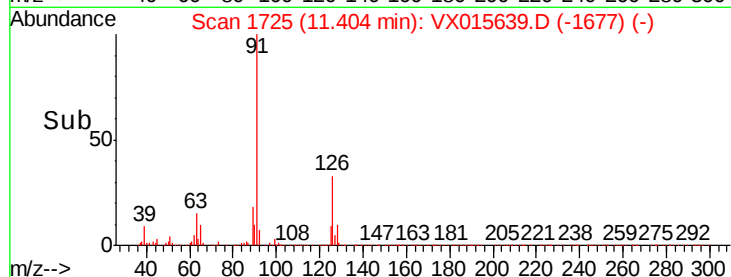
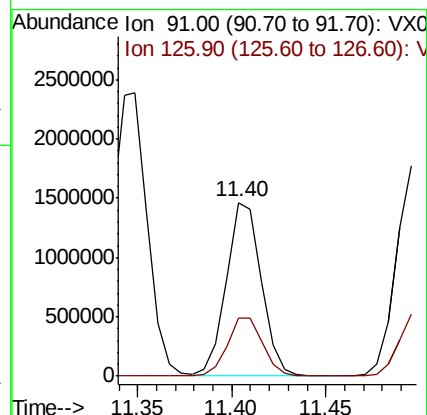
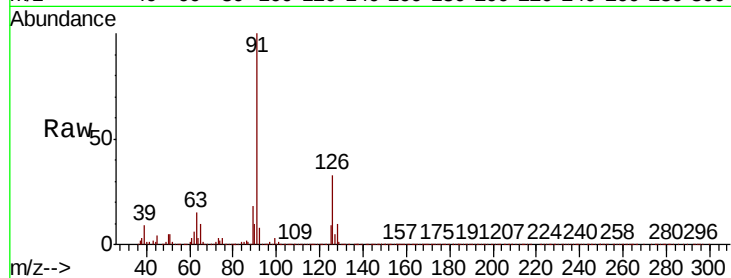
ClientSampleId :

Tot Ion: 91 Resp: 1877280

Ion Ratio Lower Upper

91 100

126 34.0 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 50.786 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015639.D

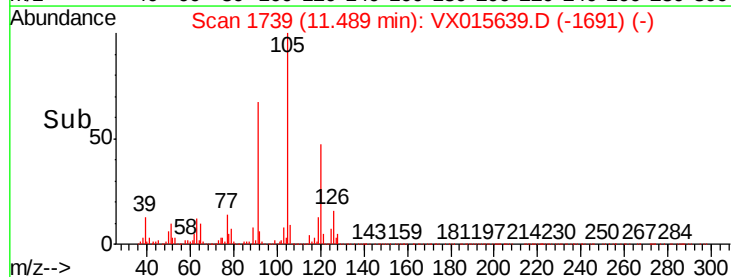
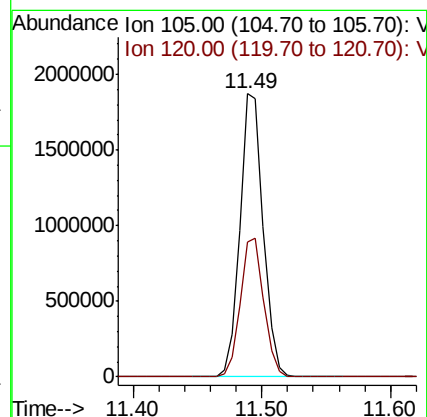
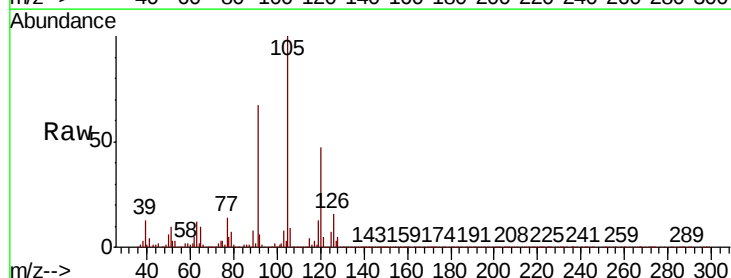
Acq: 10 Apr 2020 21:58

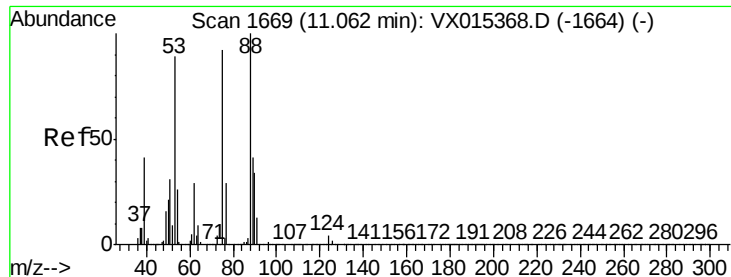
Tgt Ion: 105 Resp: 2339867

Ion Ratio Lower Upper

105 100

120 49.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 42.761 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

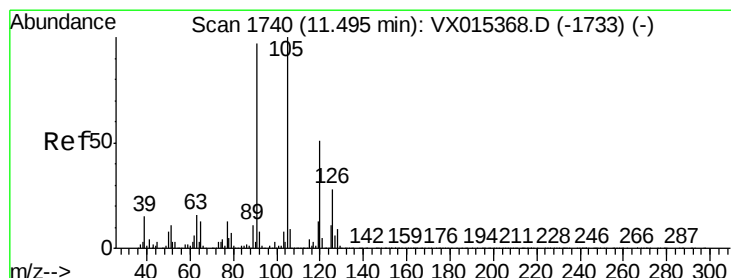
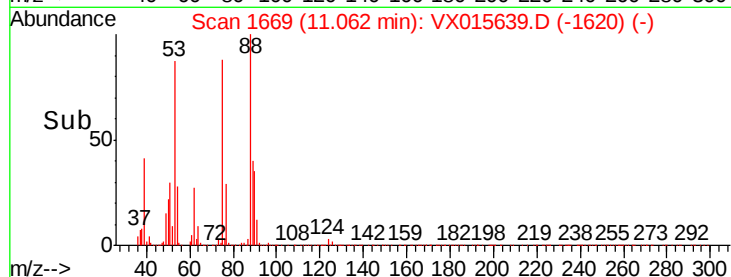
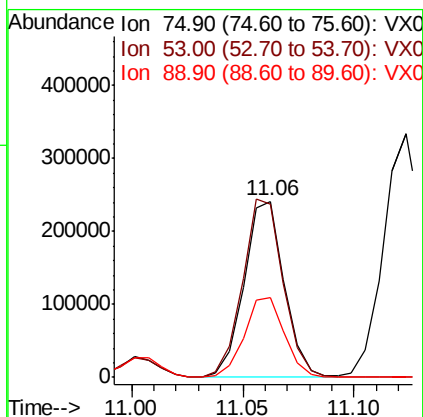
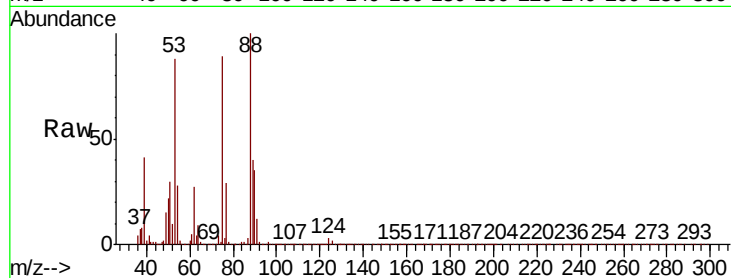
Tot Ion: 75 Resp: 301744

Ion Ratio Lower Upper

75 100

53 102.6 80.1 120.1

89 45.8 36.1 54.1



#82

4-Chlorotoluene

Concen: 49.838 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015639.D

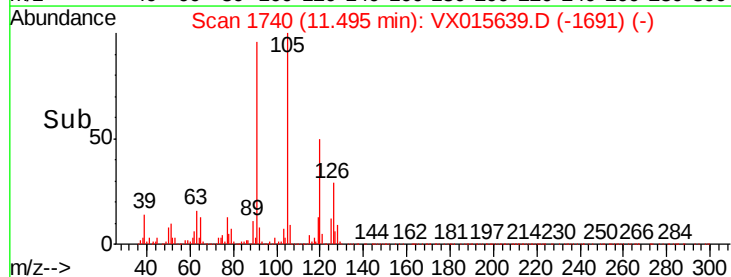
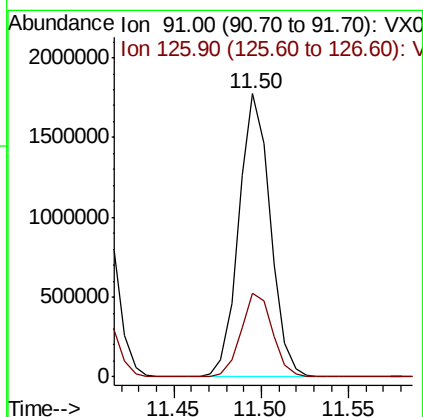
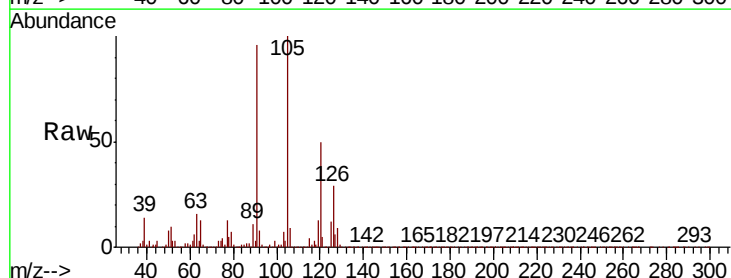
Acq: 10 Apr 2020 21:58

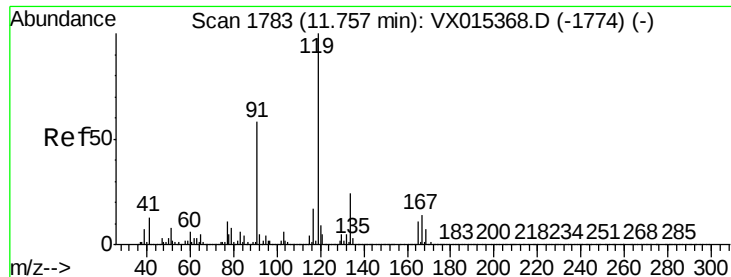
Tgt Ion: 91 Resp: 2209061

Ion Ratio Lower Upper

91 100

126 29.5 14.7 44.1



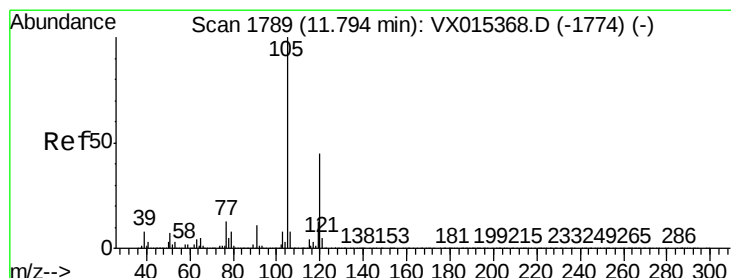
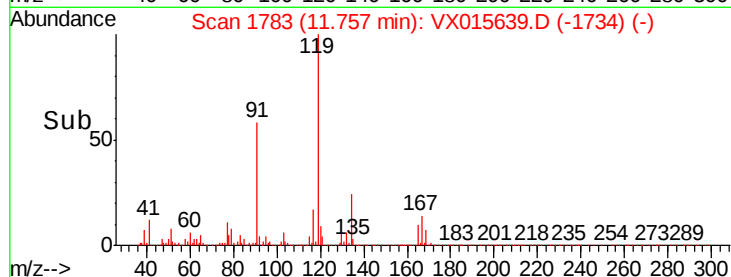
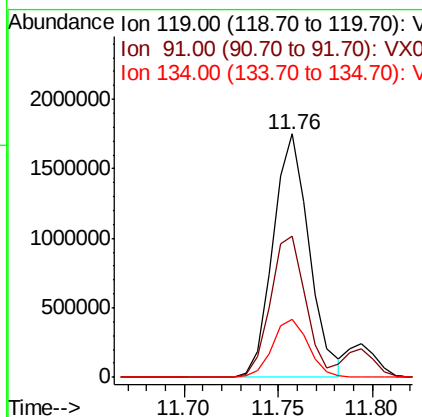
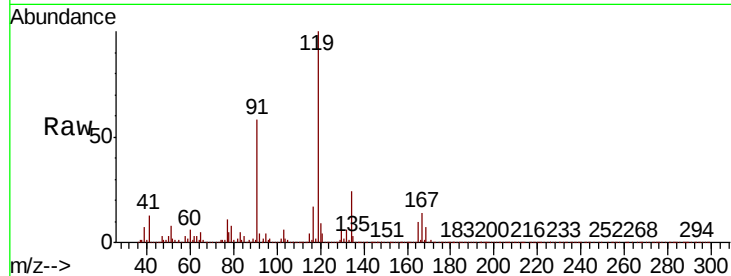


#83
 tert-Butylbenzene
 Concen: 51.610 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 2322652

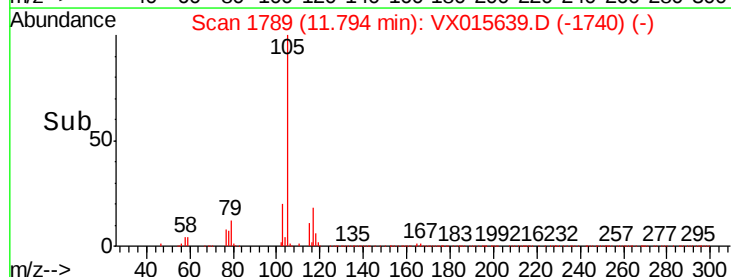
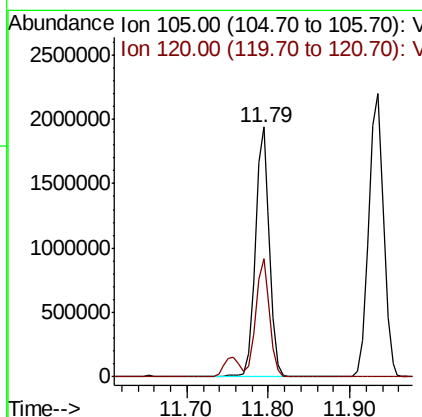
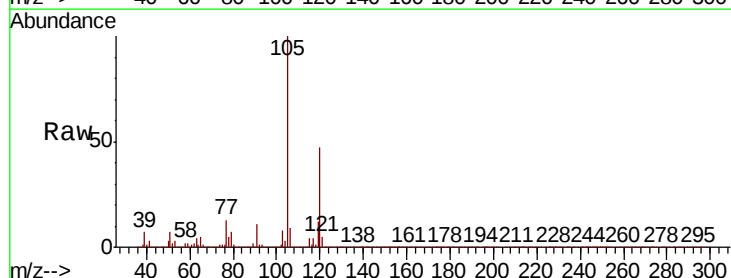
Ion	Ratio	Lower	Upper
119	100		
91	56.4	28.6	85.8
134	23.5	11.8	35.3

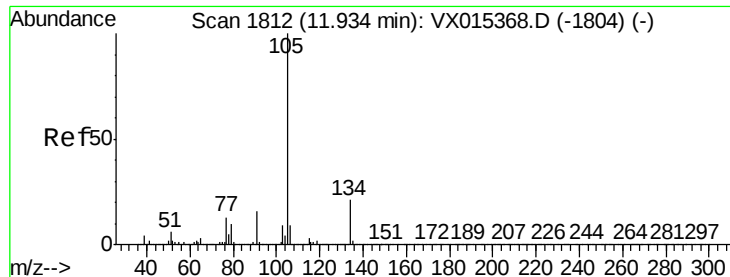


#84
 1,2,4-Trimethylbenzene
 Concen: 50.279 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Tgt Ion:105 Resp: 2360651

Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1





#85

sec-Butylbenzene

Concen: 52.010 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

Instrument :

MSVOA_X

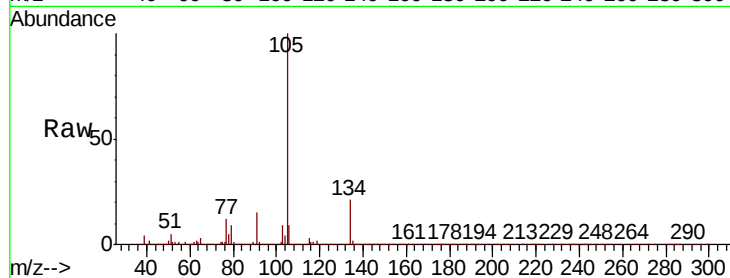
ClientSampleId :

Tot Ion:105 Resp: 2707039

Ion Ratio Lower Upper

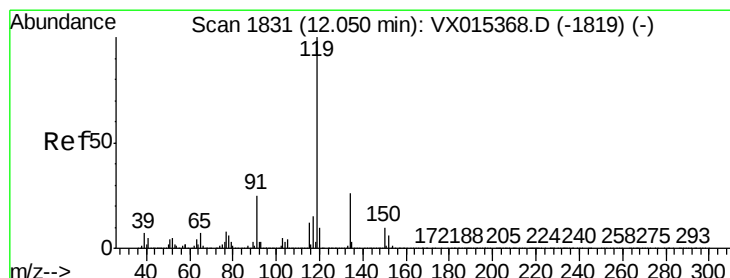
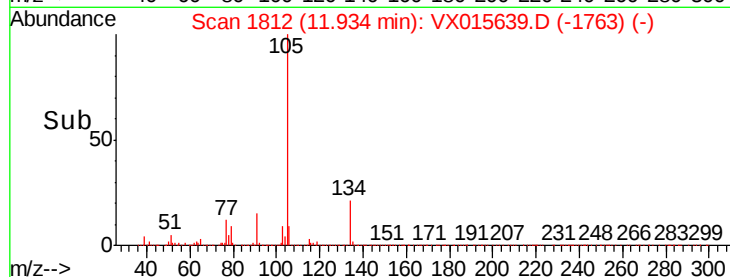
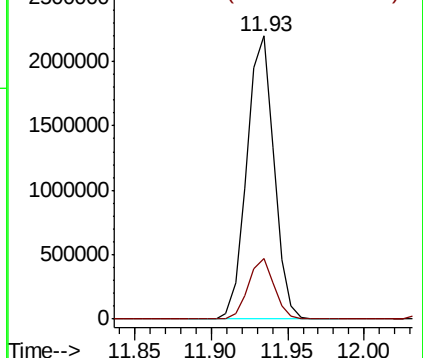
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.045 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015639.D

Acq: 10 Apr 2020 21:58

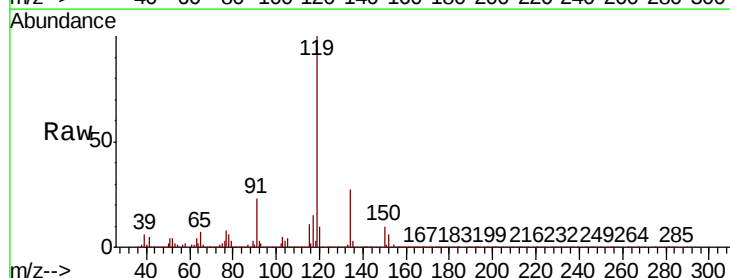
Tgt Ion:119 Resp: 2514773

Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

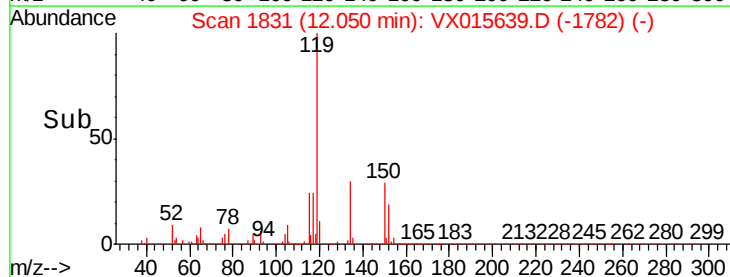
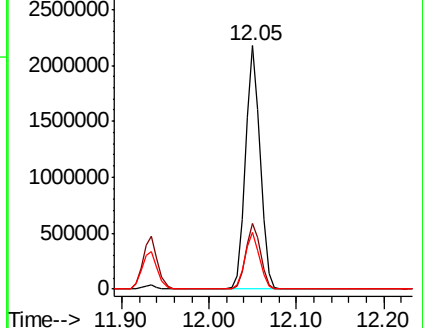
91 23.3 12.4 37.4

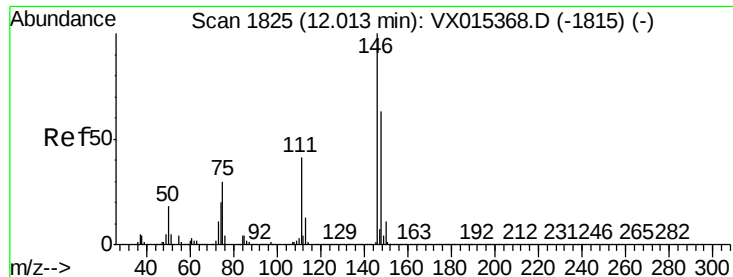


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

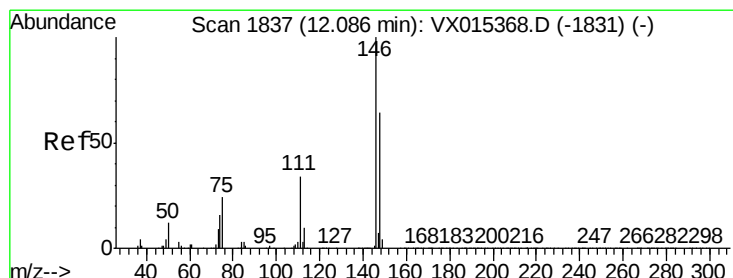
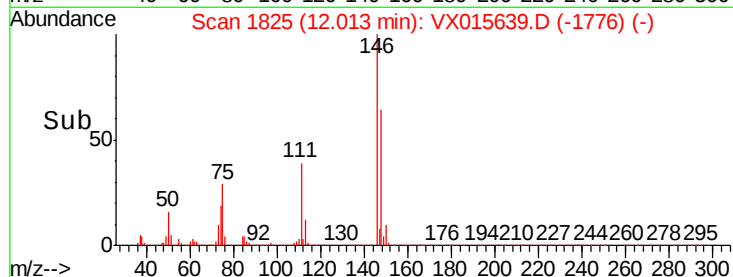
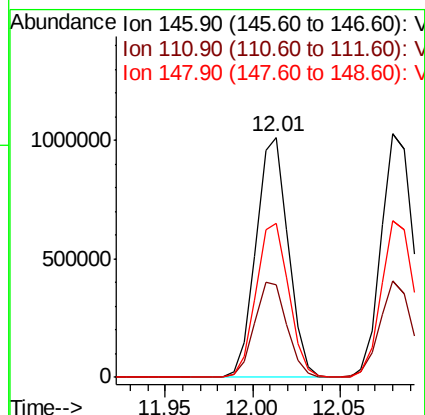
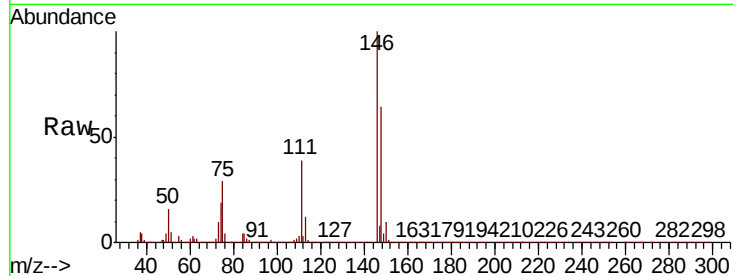




#87
 1,3-Dichlorobenzene
 Concen: 50.417 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

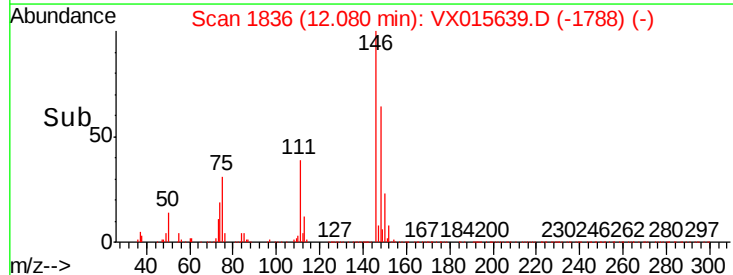
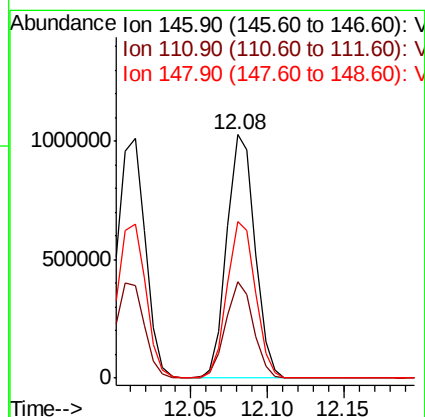
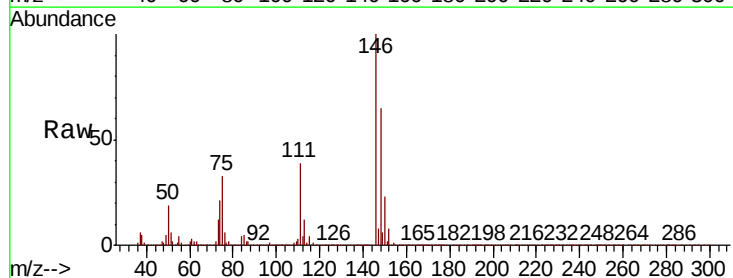
Instrument :
 MSVOA_X
 ClientSampleId :

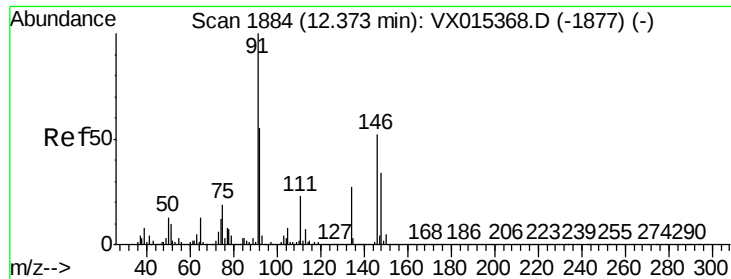
Tot Ion:146 Resp: 1298781
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.9
 148 65.3 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 49.891 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Tgt Ion:146 Resp: 1309141
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.5
 148 65.2 32.4 97.2

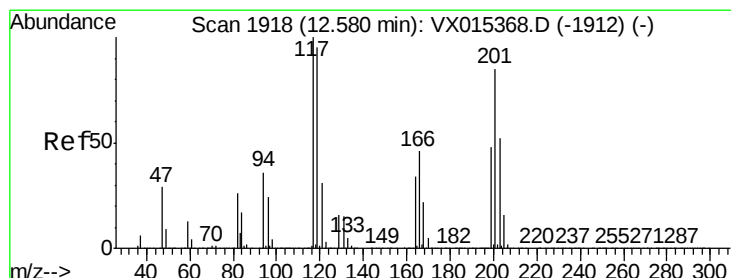
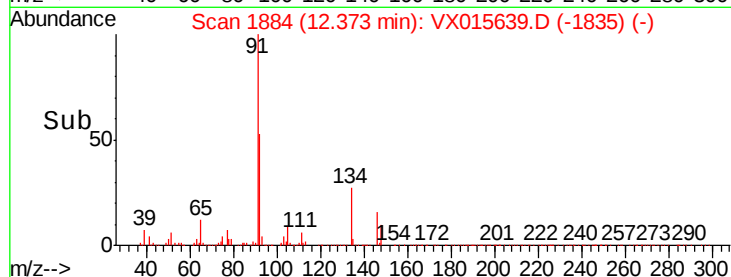
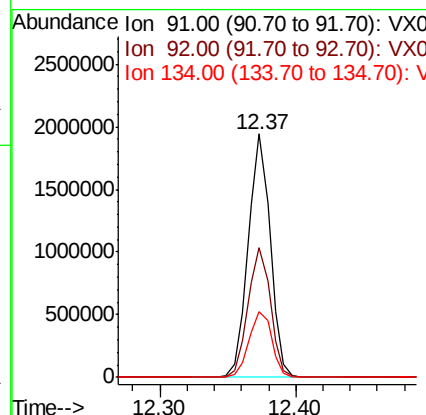
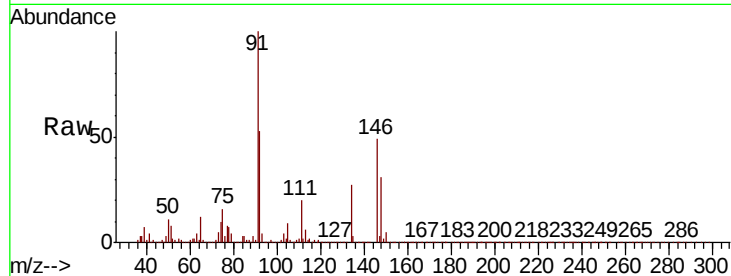




#89
n-Butylbenzene
Concen: 50.328 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

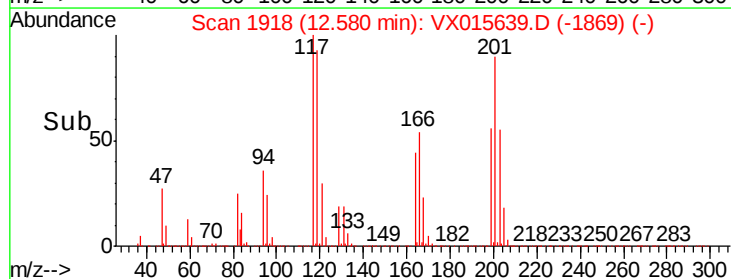
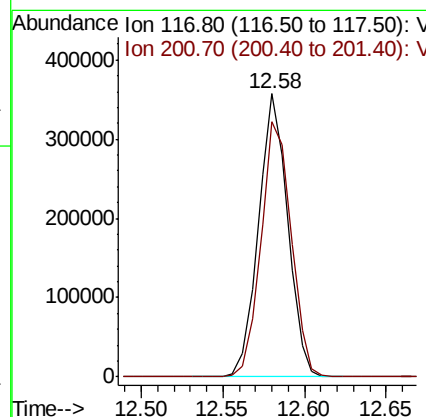
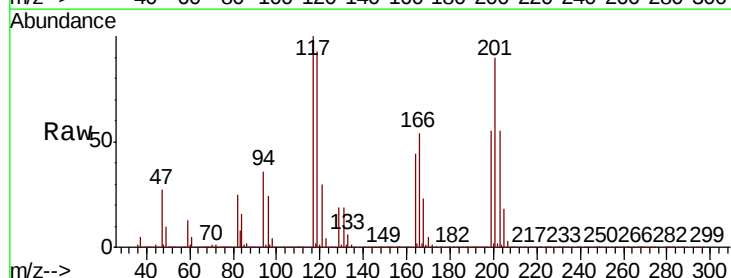
Instrument :
MSVOA_X
ClientSampled :

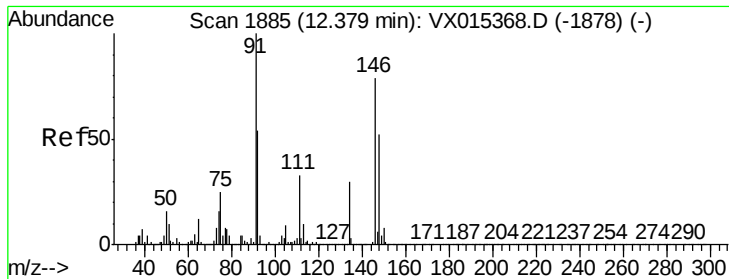
Tot Ion: 91 Resp: 2197573
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 28.0 13.4 40.2



#90
Hexachloroethane
Concen: 47.372 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion: 117 Resp: 445517
Ion Ratio Lower Upper
117 100
201 93.1 42.6 128.0

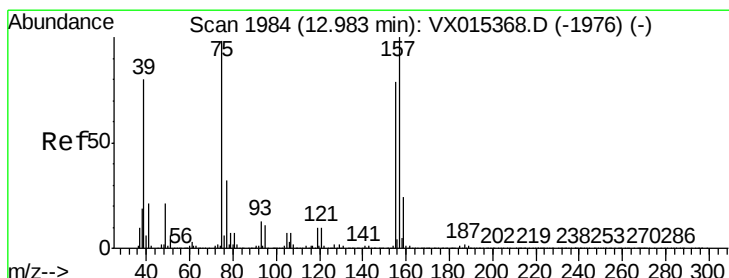
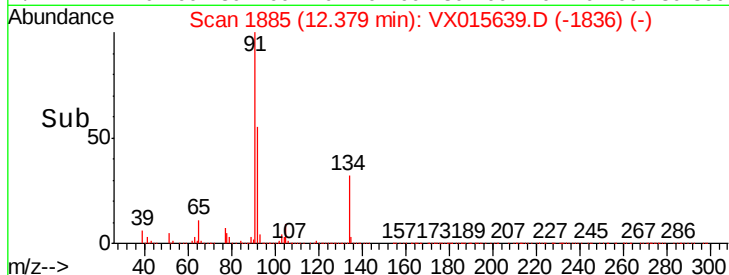
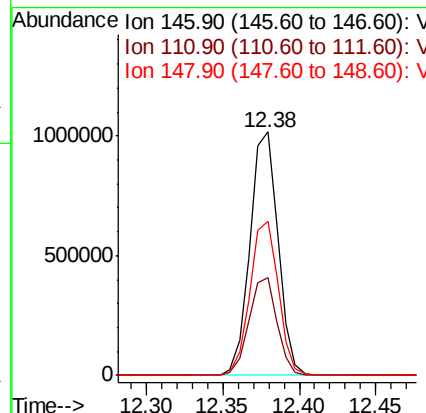
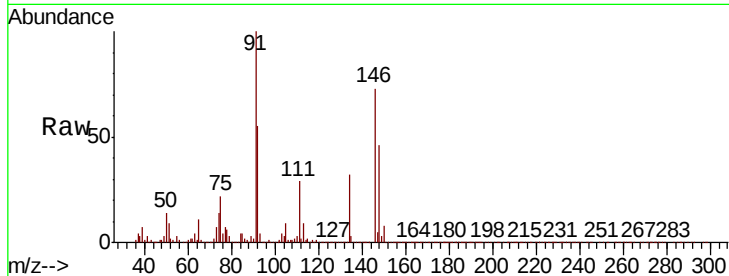




#91
 1,2-Dichlorobenzene
 Concen: 51.343 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

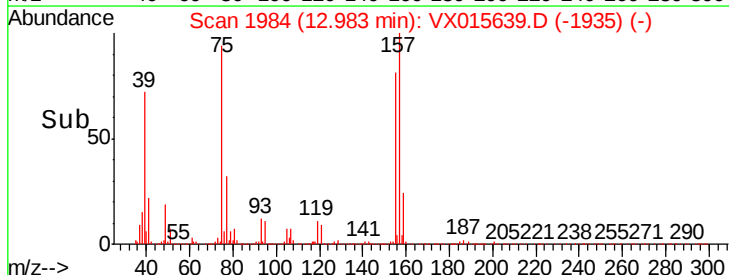
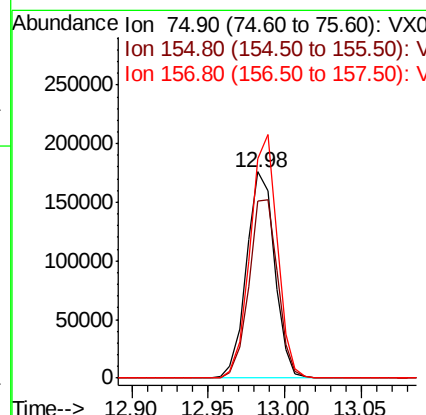
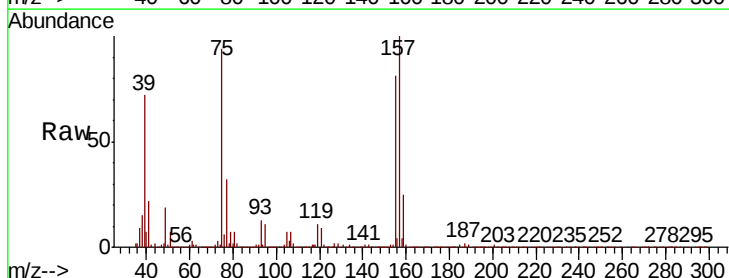
Instrument :
 MSVOA_X
 ClientSampleId :

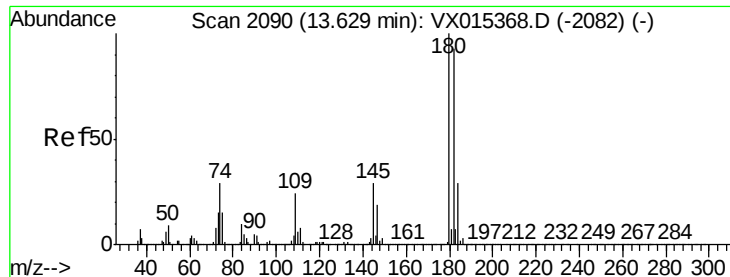
Tot Ion:146 Resp: 1294376
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.0 63.0
 148 64.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.897 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Tgt Ion: 75 Resp: 224126
 Ion Ratio Lower Upper
 75 100
 155 88.8 42.8 128.4
 157 114.0 53.4 160.3

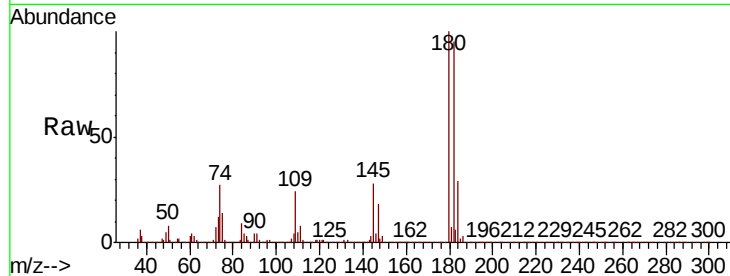




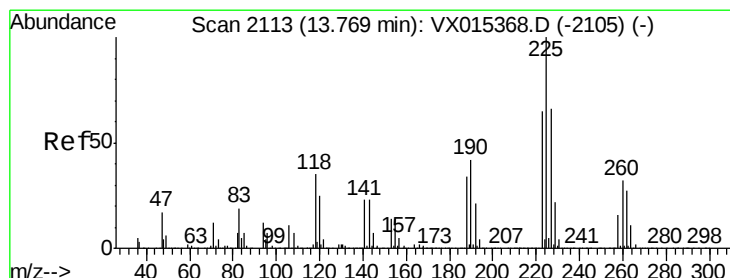
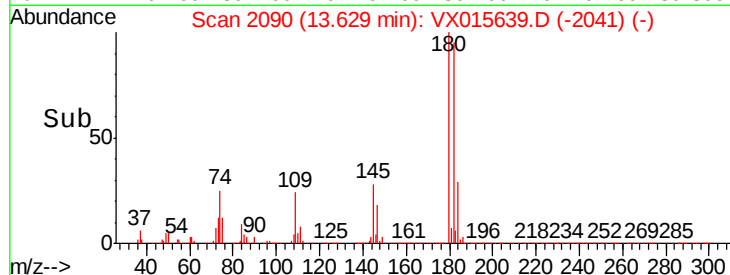
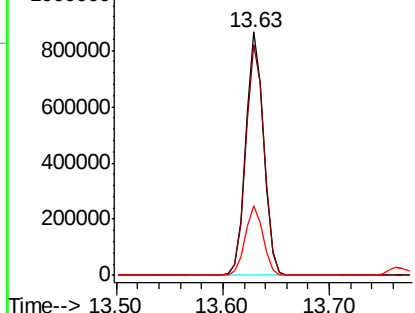
#93
 1,2,4-Trichlorobenzene
 Concen: 51.021 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 1017429
 Ion Ratio Lower Upper
 180 100
 182 97.1 46.9 140.7
 145 28.6 14.9 44.5

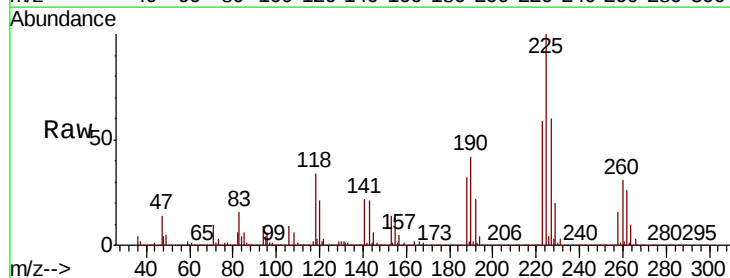


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

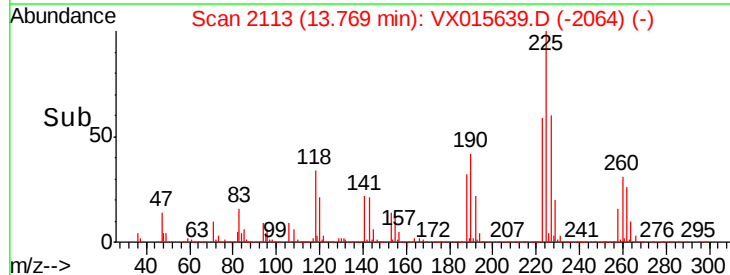
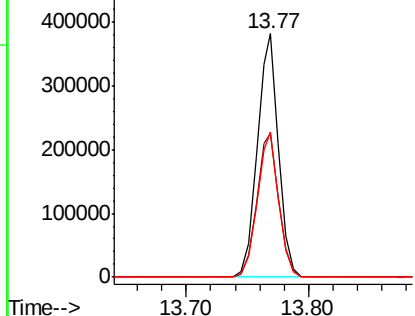


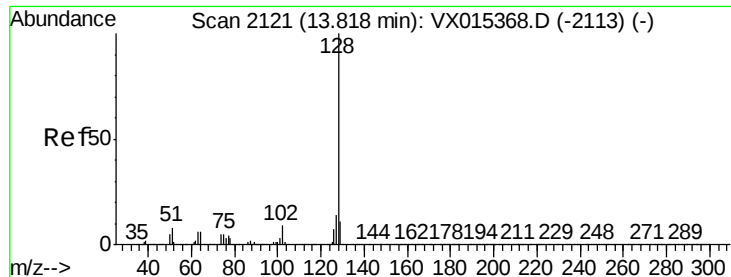
#94
 Hexachlorobutadiene
 Concen: 48.417 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015639.D
 Acq: 10 Apr 2020 21:58

Tgt Ion:225 Resp: 459686
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.9 95.7
 227 60.3 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

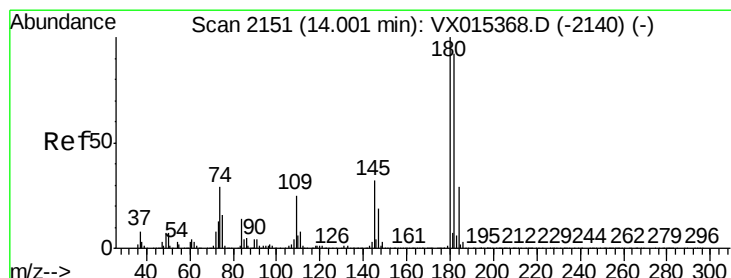
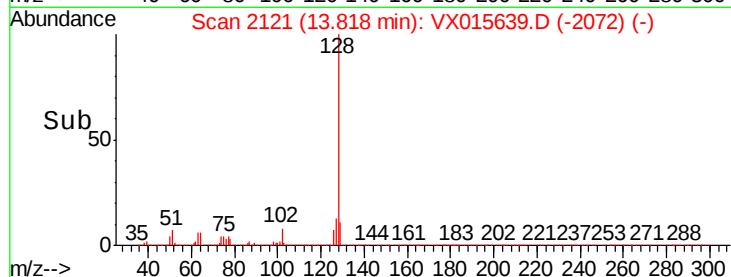
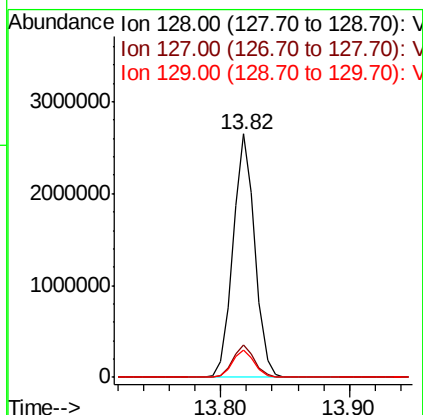
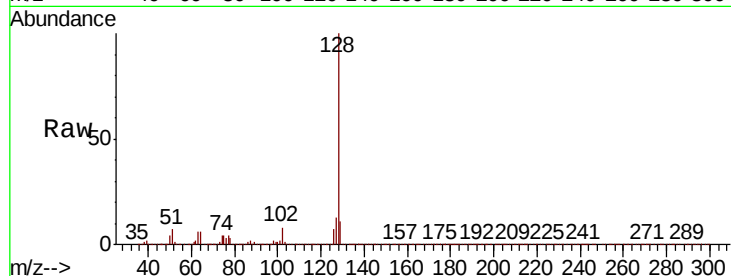




#95
Naphthalene
Concen: 51.227 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 3116031
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.987 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015639.D
Acq: 10 Apr 2020 21:58

Tgt Ion:180 Resp: 998113
Ion Ratio Lower Upper
180 100
182 97.7 46.7 140.0
145 31.9 15.8 47.3

