

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\
 Data File : VX015156.D
 Acq On : 10 Mar 2020 09:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 07:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	346623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	515143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	198953	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.48	113	164665	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	629587	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	226593	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	149167	49.145	ug/l	99
3) Chloromethane	1.32	50	213849	49.738	ug/l	100
4) Vinyl Chloride	1.41	62	216383	49.632	ug/l	98
5) Bromomethane	1.64	94	129467	48.303	ug/l	99
6) Chloroethane	1.72	64	133536	51.060	ug/l	97
7) Trichlorofluoromethane	1.92	101	256910	49.524	ug/l	99
8) Diethyl Ether	2.18	74	113425	48.273	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	166988	51.164	ug/l	99
10) Methyl Iodide	2.50	142	162294	44.013	ug/l	98
11) Tert butyl alcohol	3.04	59	162991	228.448	ug/l	99
12) 1,1-Dichloroethene	2.37	96	160079	47.524	ug/l	99
13) Acrolein	2.28	56	157516	234.925	ug/l	99
14) Allyl chloride	2.72	41	292408	49.786	ug/l	99
15) Acrylonitrile	3.13	53	437519	246.236	ug/l	100
16) Acetone	2.44	43	468052	281.048	ug/l	96
17) Carbon Disulfide	2.56	76	438625	46.890	ug/l	99
18) Methyl Acetate	2.76	43	190279	46.727	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	537373	51.052	ug/l	100
20) Methylene Chloride	2.85	84	186211	47.778	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	179650	49.949	ug/l	98
22) Diisopropyl ether	3.84	45	609223	52.064	ug/l	92
23) Vinyl Acetate	3.80	43	2532125	263.247	ug/l	99
24) 1,1-Dichloroethane	3.69	63	324712	49.998	ug/l	100
25) 2-Butanone	4.65	43	642523	263.533	ug/l	100
26) 2,2-Dichloropropane	4.57	77	266520	51.695	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	205302	50.880	ug/l	99
28) Bromochloromethane	5.00	49	150800	50.992	ug/l	99
29) Tetrahydrofuran	5.11	42	380204	241.916	ug/l	98
30) Chloroform	5.20	83	322076	50.882	ug/l	100
31) Cyclohexane	5.57	56	291354	50.296	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	273048	52.037	ug/l	98
36) 1,1-Dichloropropene	5.79	75	246141	51.686	ug/l	99
37) Ethyl Acetate	4.81	43	239359	54.184	ug/l	100
38) Carbon Tetrachloride	5.77	117	239497	53.278	ug/l	98

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Quant Time: Mar 11 07:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	303615	54.599	ug/l	99
40) Benzene	6.13	78	732369	51.834	ug/l	100
41) Methacrylonitrile	5.02	41	132364	49.884	ug/l	98
42) 1,2-Dichloroethane	6.18	62	256328	52.828	ug/l	98
43) Isopropyl Acetate	6.43	43	399154	51.363	ug/l	99
44) Trichloroethene	7.20	130	202369	51.430	ug/l	95
45) 1,2-Dichloropropane	7.50	63	192886	52.742	ug/l	99
46) Dibromomethane	7.65	93	123283	51.735	ug/l	99
47) Bromodichloromethane	7.89	83	255072	54.129	ug/l	99
48) Methyl methacrylate	7.76	41	202365	51.163	ug/l	99
49) 1,4-Dioxane	7.73	88	84739	990.891	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1221608	265.866	ug/l	100
52) Toluene	8.78	92	464464	53.764	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	276772	55.181	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	310394	54.740	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	186405	52.423	ug/l	99
56) Ethyl methacrylate	9.17	69	282467	55.693	ug/l	98
57) 1,3-Dichloropropane	9.36	76	316184	52.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	761856	275.733	ug/l	100
59) 2-Hexanone	9.48	43	947943	278.347	ug/l	99
60) Dibromochloromethane	9.57	129	199943	53.529	ug/l	100
61) 1,2-Dibromoethane	9.67	107	193052	51.690	ug/l	100
64) Tetrachloroethene	9.33	164	208254	52.233	ug/l	99
65) Chlorobenzene	10.13	112	497461	51.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	186558	51.104	ug/l	99
67) Ethyl Benzene	10.25	91	892854	54.311	ug/l	99
68) m/p-Xylenes	10.35	106	683908	109.342	ug/l	99
69) o-Xylene	10.69	106	324085	54.118	ug/l	99
70) Styrene	10.71	104	571778	55.686	ug/l	99
71) Bromoform	10.85	173	148740	52.542	ug/l	100
73) Isopropylbenzene	11.01	105	874983	53.517	ug/l	100
74) N-amyl acetate	10.89	43	347127	50.379	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	268299	49.240	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	307114	60.156	ug/l	80
77) Bromobenzene	11.25	156	228521	50.153	ug/l	100
78) n-propylbenzene	11.35	91	1017999	54.500	ug/l	99
79) 2-Chlorotoluene	11.42	91	598283	53.634	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	747482	54.920	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	89985	50.023	ug/l	98
82) 4-Chlorotoluene	11.51	91	700601	53.161	ug/l	100
83) tert-Butylbenzene	11.76	119	706606	53.692	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	745888	54.551	ug/l	99
85) sec-Butylbenzene	11.94	105	880442	55.420	ug/l	100
86) p-Isopropyltoluene	12.06	119	816049	55.753	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	412249	51.467	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	414058	50.069	ug/l	99
89) n-Butylbenzene	12.39	91	738718	56.746	ug/l	100
90) Hexachloroethane	12.59	117	144501	52.220	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	407354	51.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	54346	49.809	ug/l	97

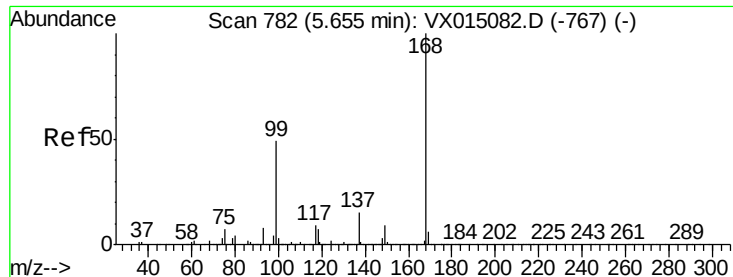
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	296636	53.662	ug/l	98
94) Hexachlorobutadiene	13.78	225	146424	51.619	ug/l	97
95) Naphthalene	13.83	128	836411	49.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	298573	54.135	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

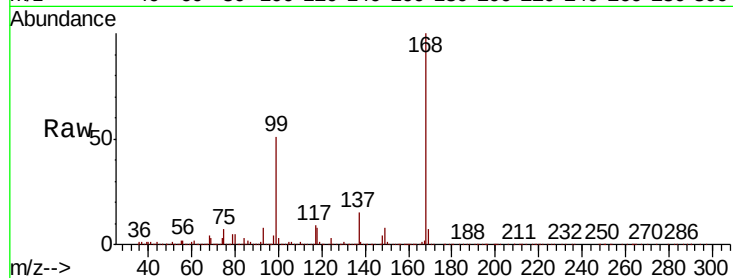
ClientSampleId :

Tot Ion:168 Resp: 346623

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

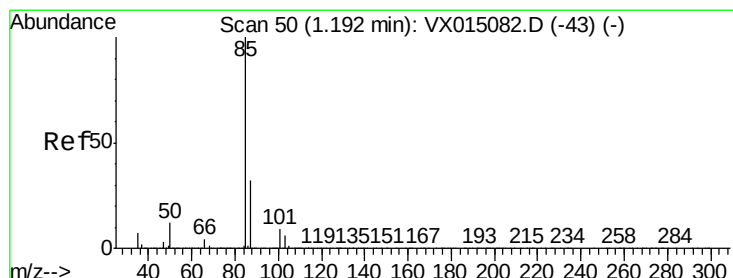
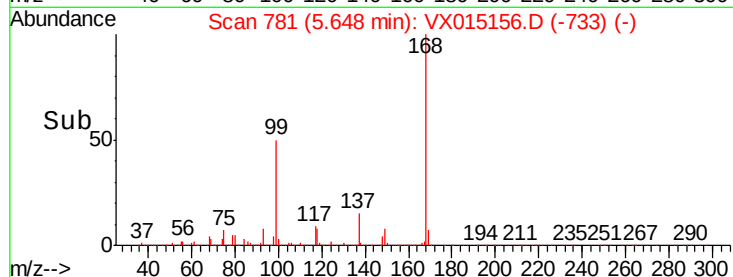
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.145 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015156.D

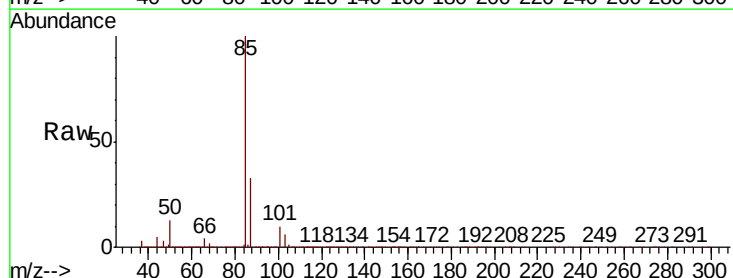
Acq: 10 Mar 2020 09:11

Tgt Ion: 85 Resp: 149167

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

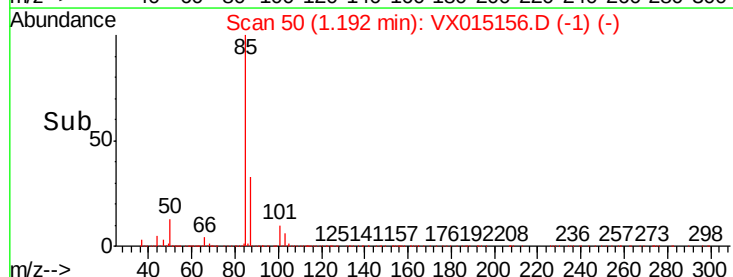
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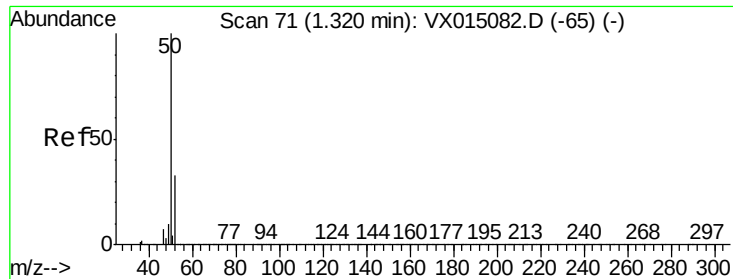
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.738 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

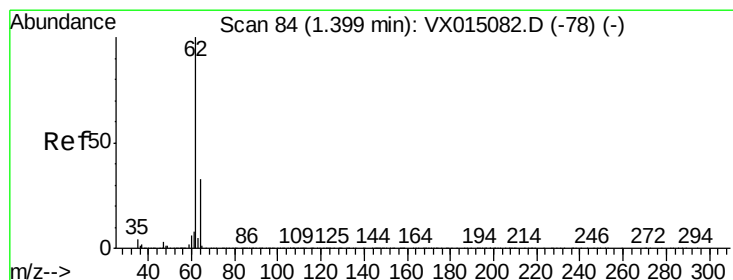
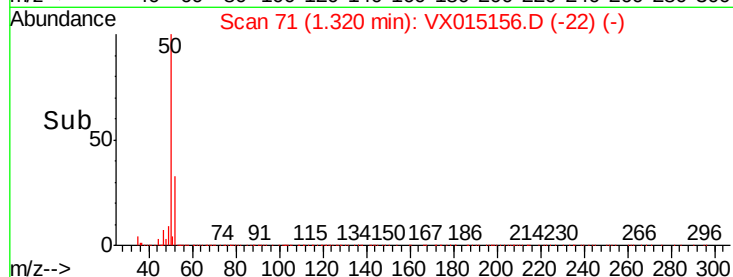
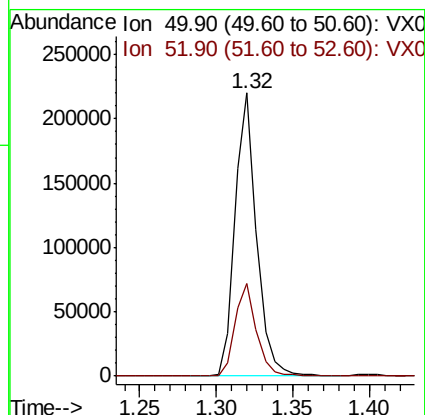
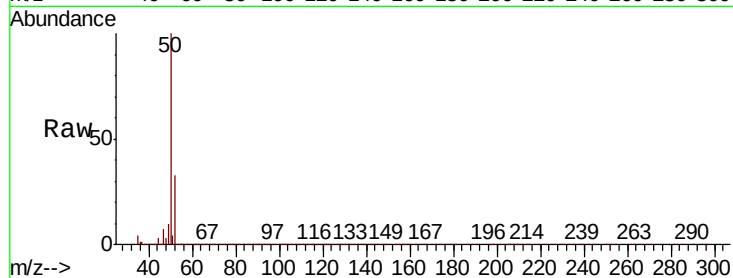
ClientSampleId :

Tot Ion: 50 Resp: 213849

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 49.632 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015156.D

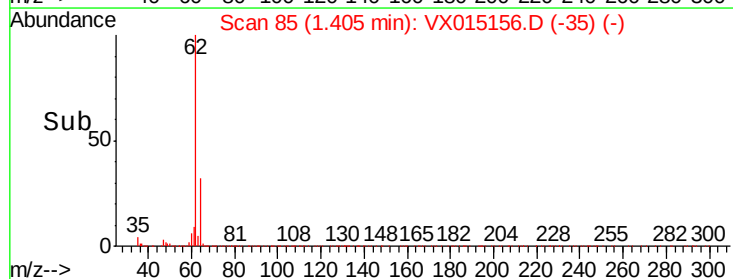
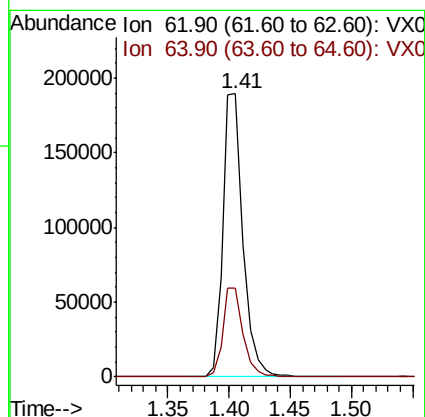
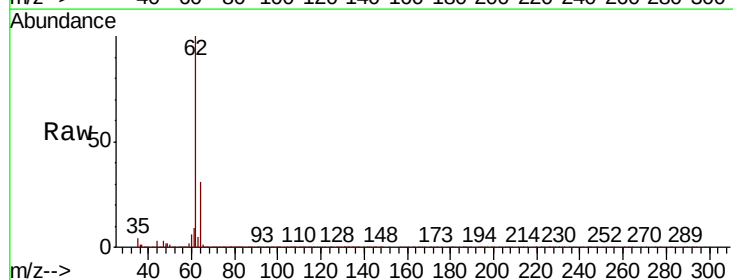
Acq: 10 Mar 2020 09:11

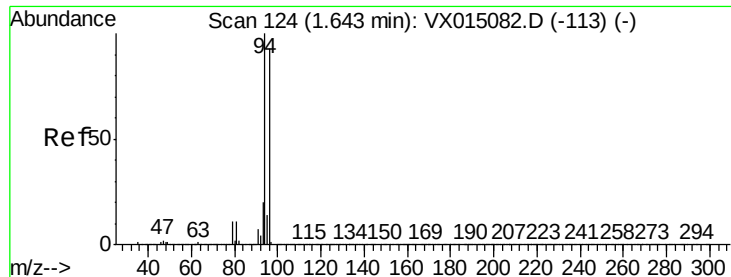
Tgt Ion: 62 Resp: 216383

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 48.303 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

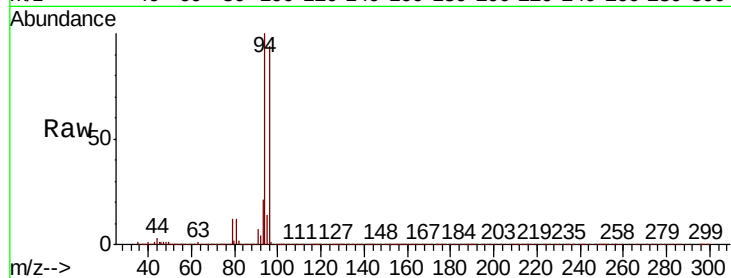
ClientSampleId :

Tot Ion: 94 Resp: 129467

Ion Ratio Lower Upper

94 100

96 94.2 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

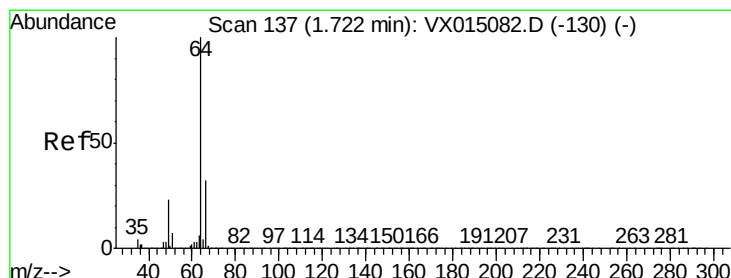
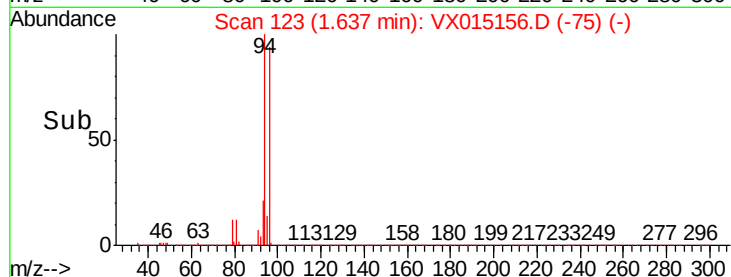
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 51.060 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015156.D

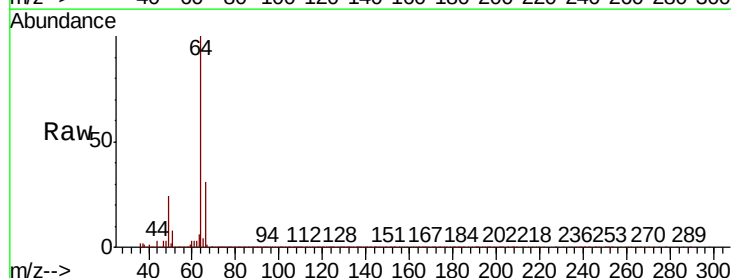
Acq: 10 Mar 2020 09:11

Tgt Ion: 64 Resp: 133536

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

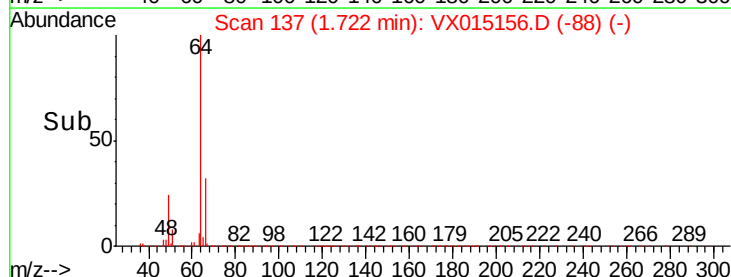
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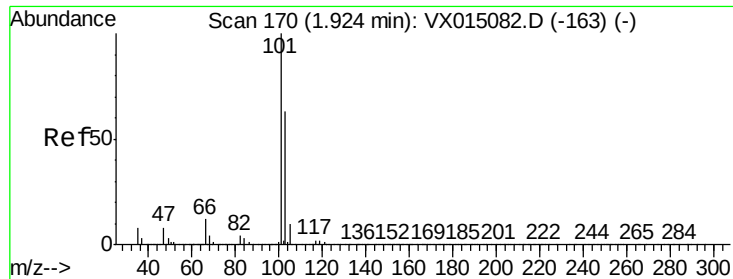
40000

20000

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Time-->



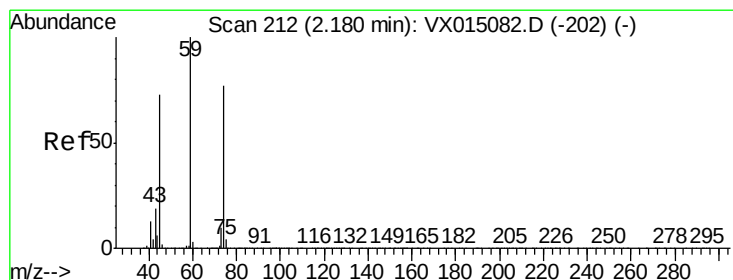
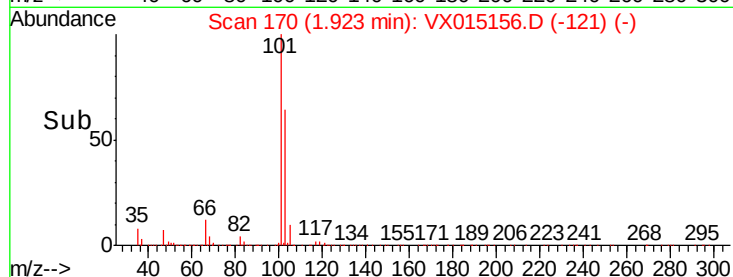
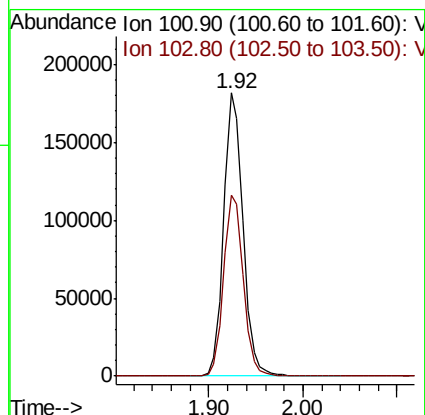
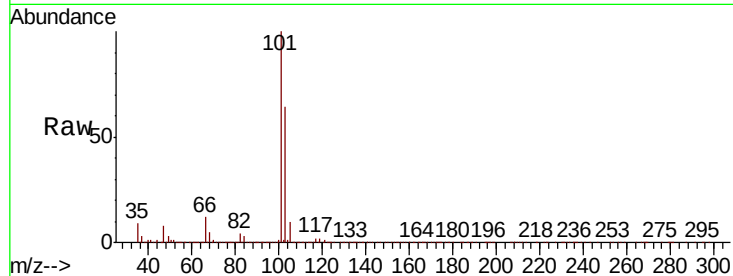


#7

Trichlorofluoromethane
 Concen: 49.524 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :

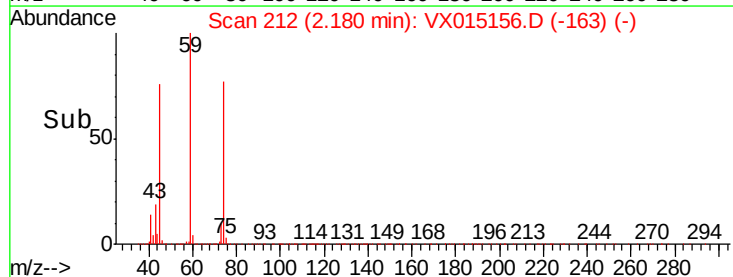
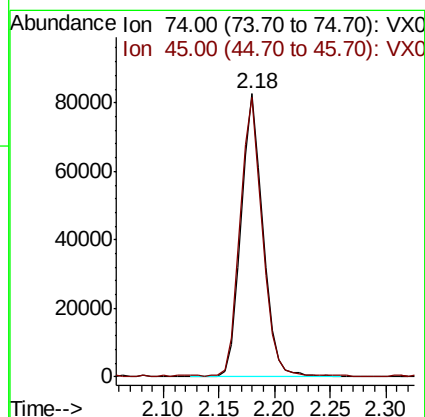
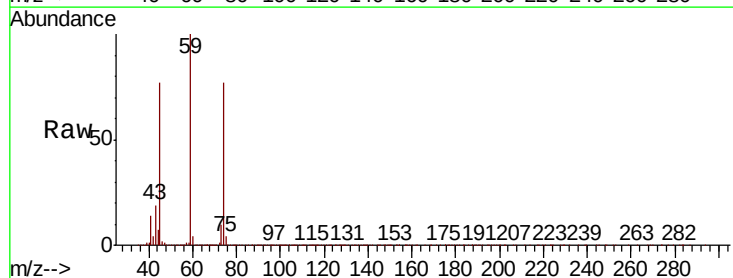
Tot Ion:101 Resp: 256910
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.4 75.6

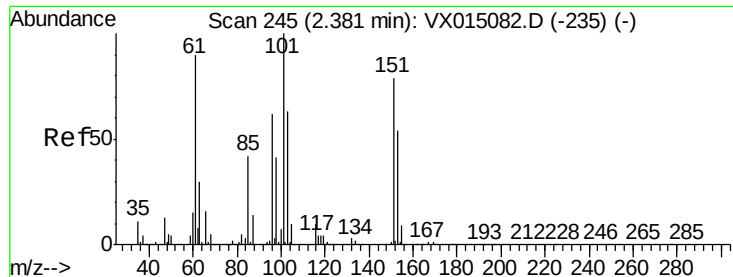


#8

Diethyl Ether
 Concen: 48.273 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion: 74 Resp: 113425
 Ion Ratio Lower Upper
 74 100
 45 98.9 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.164 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampled :

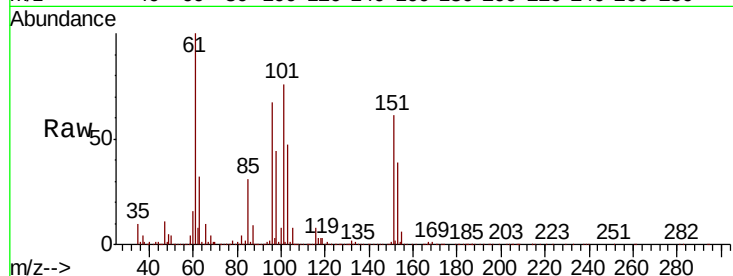
Tot Ion:101 Resp: 166988

Ion Ratio Lower Upper

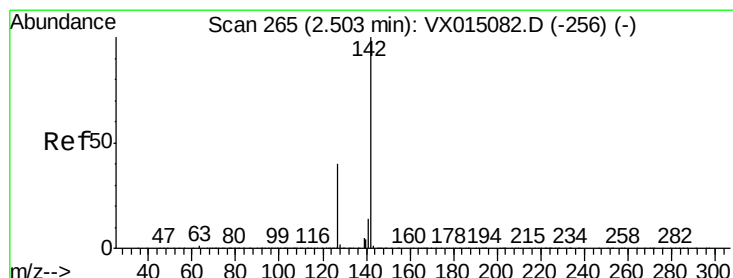
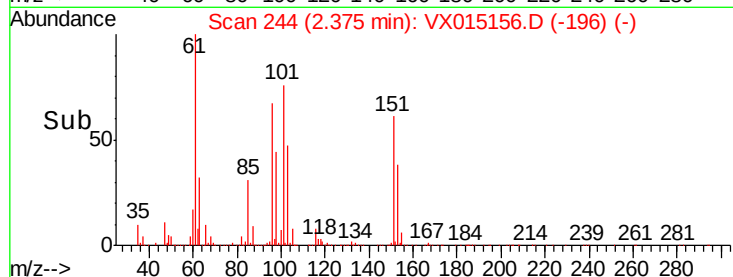
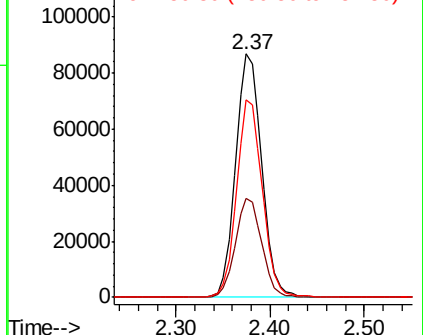
101 100

85 41.3 33.7 50.5

151 80.6 64.0 96.0



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: 44.013 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

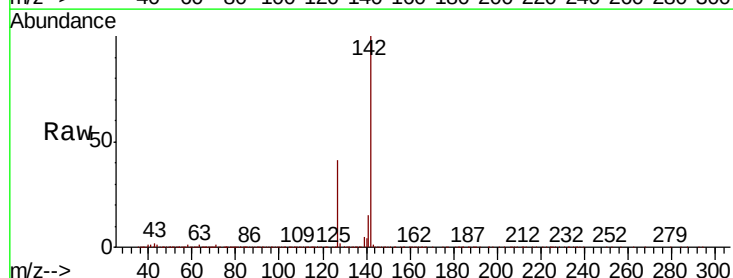
Tgt Ion:142 Resp: 162294

Ion Ratio Lower Upper

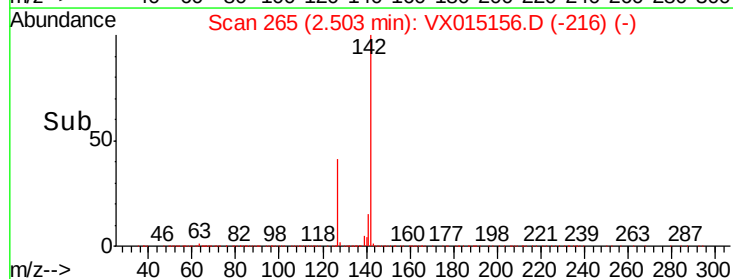
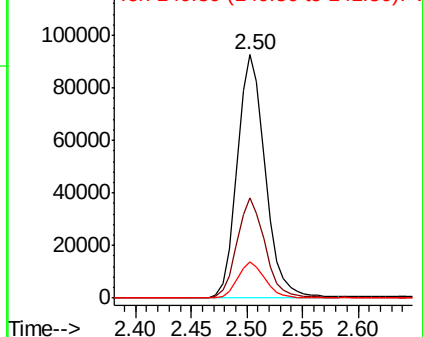
142 100

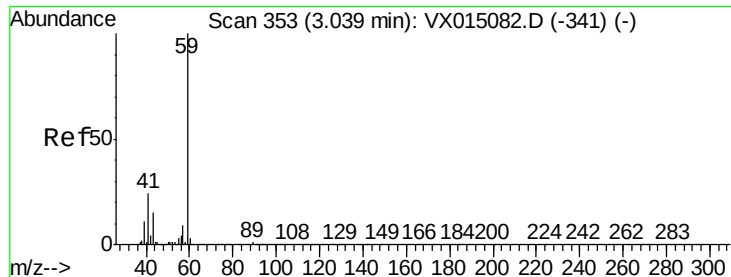
127 40.9 31.7 47.5

141 14.7 11.3 16.9



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



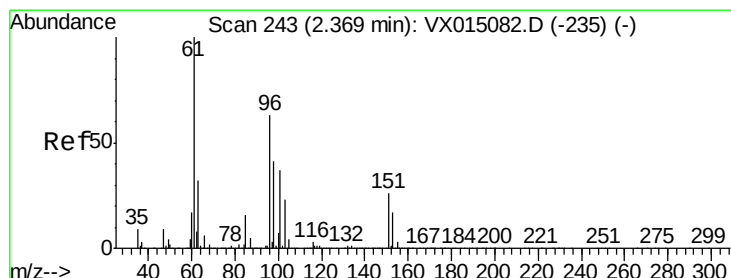
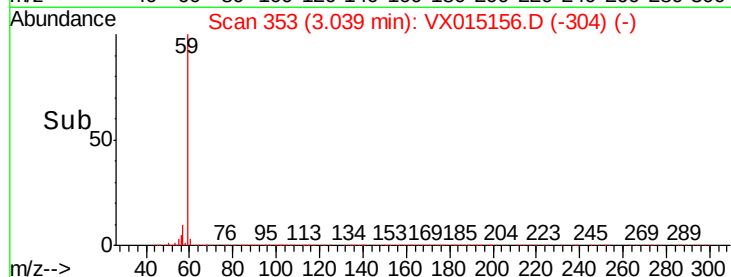
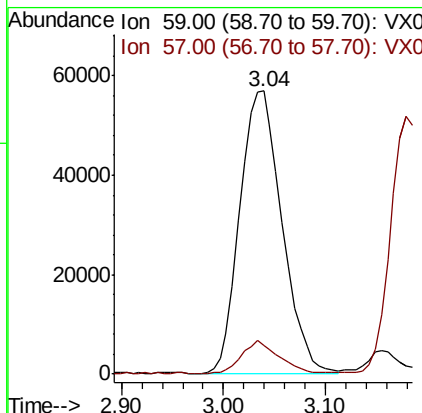
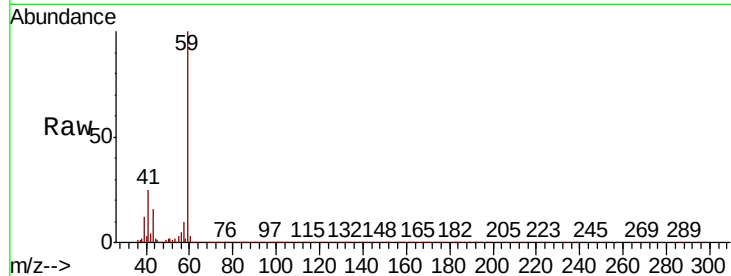


#11

Tert butyl alcohol
 Concen: 228.448 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :

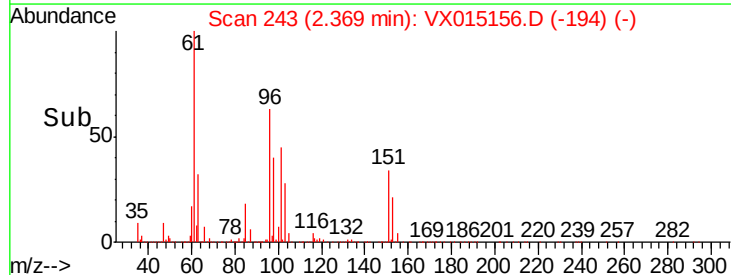
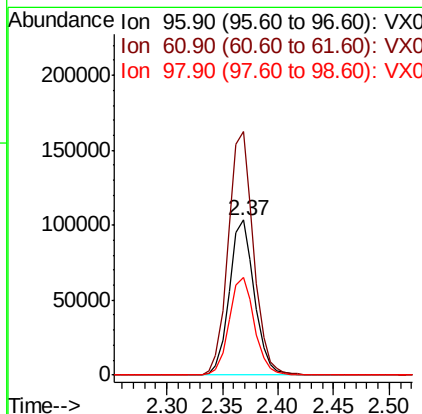
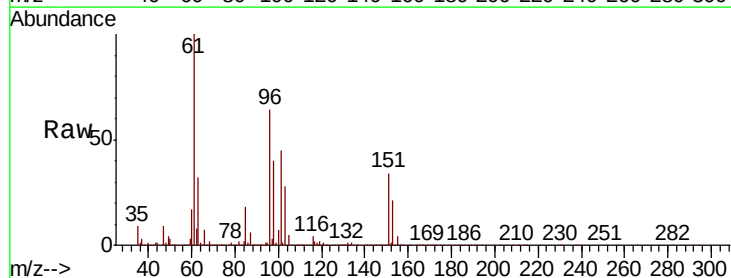
Tot Ion: 59 Resp: 162991
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

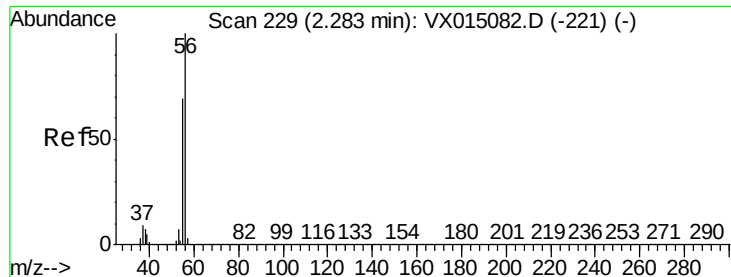


#12

1,1-Dichloroethene
 Concen: 47.524 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion: 96 Resp: 160079
 Ion Ratio Lower Upper
 96 100
 61 157.4 126.2 189.4
 98 62.7 51.4 77.0

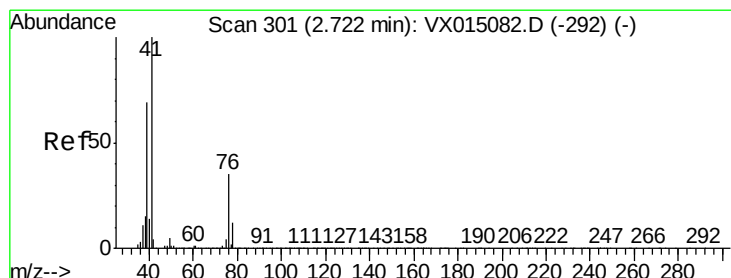
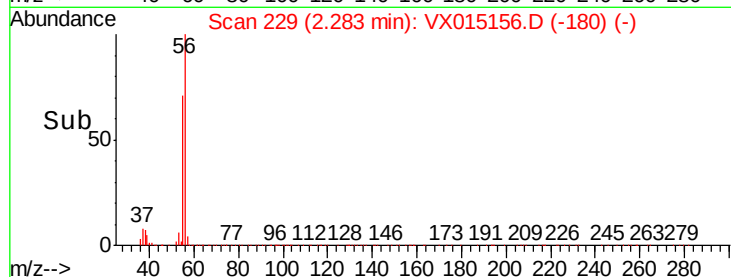
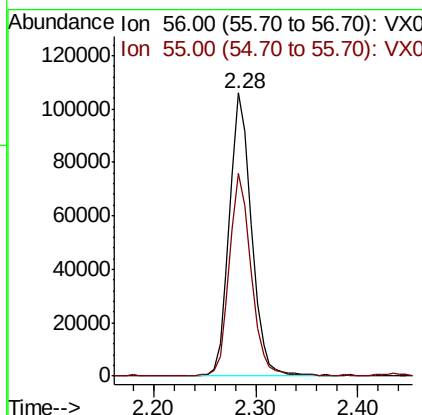
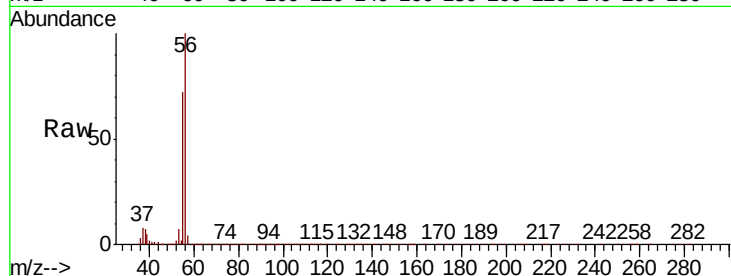




#13
Acrolein
Concen: 234.925 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

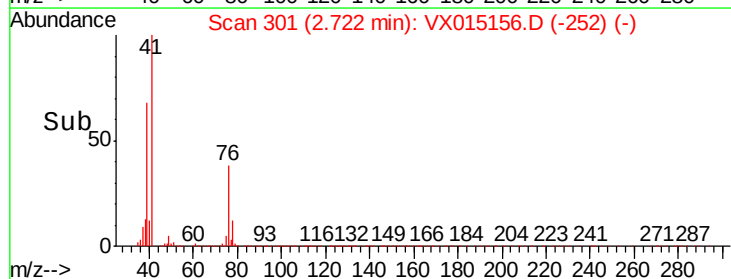
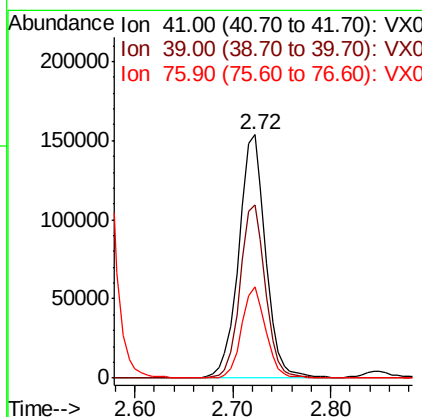
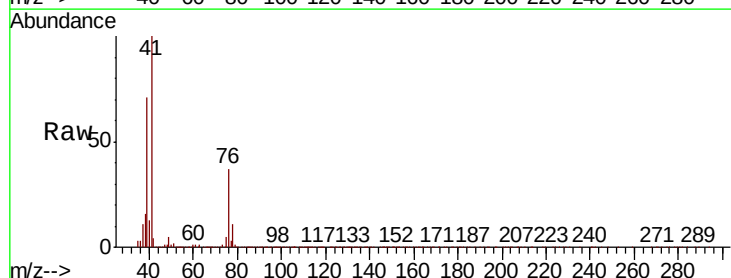
Instrument :
MSVOA_X
ClientSampleId :

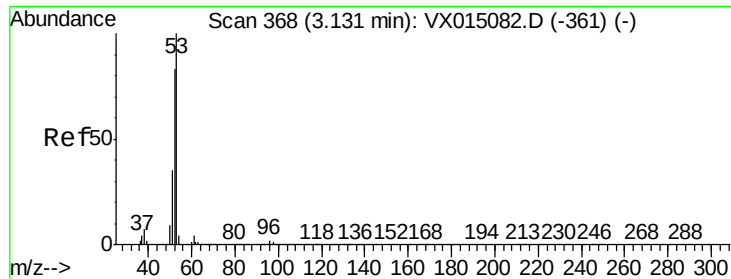
Tot Ion: 56 Resp: 157516
Ion Ratio Lower Upper
56 100
55 70.4 55.4 83.0



#14
Allyl chloride
Concen: 49.786 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion: 41 Resp: 292408
Ion Ratio Lower Upper
41 100
39 67.1 52.9 79.3
76 33.3 26.8 40.2

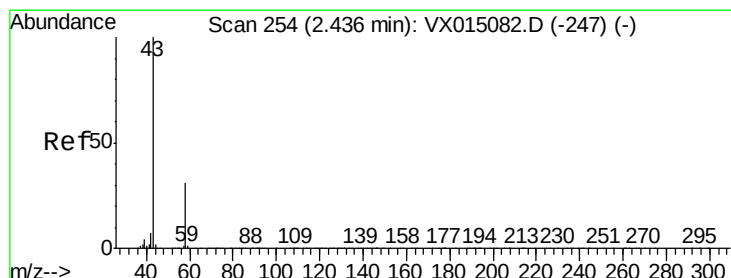
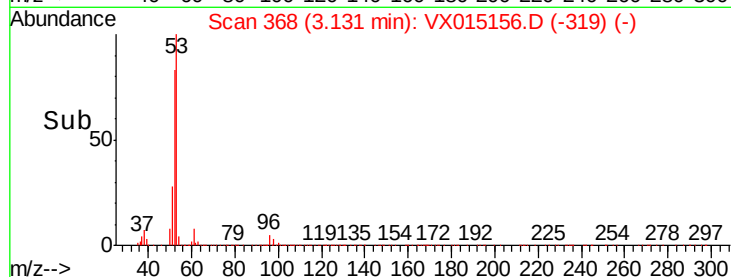
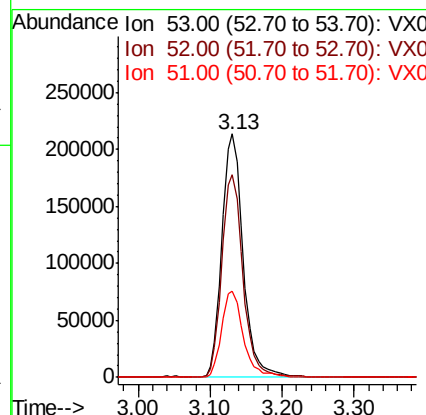
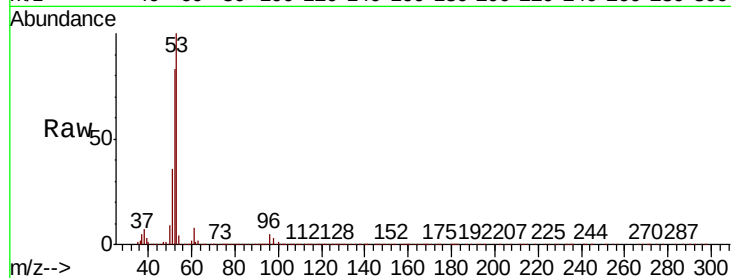




#15
 Acrylonitrile
 Concen: 246.236 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

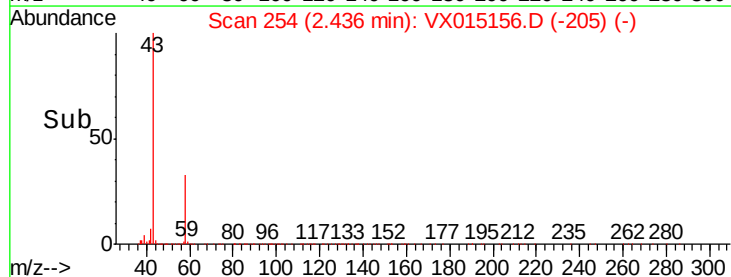
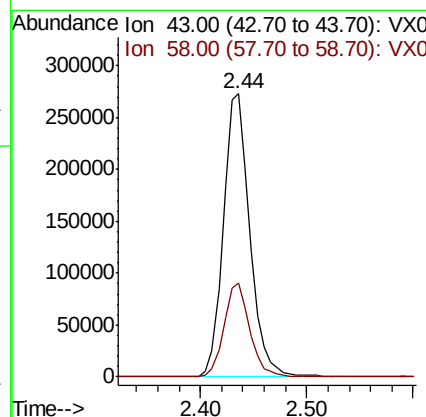
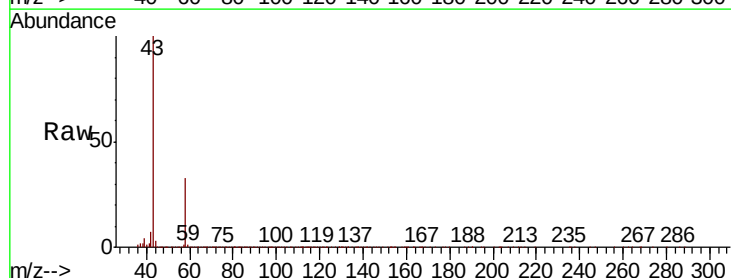
Instrument :
 MSVOA_X
 ClientSampleId :

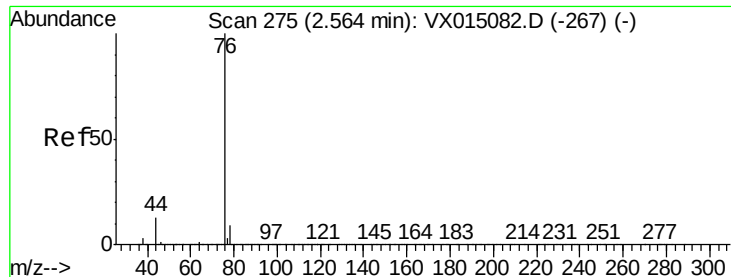
Tot Ion: 53 Resp: 437519
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.6 100.0
 51 36.1 29.0 43.6



#16
 Acetone
 Concen: 281.048 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion: 43 Resp: 468052
 Ion Ratio Lower Upper
 43 100
 58 33.1 24.8 37.2

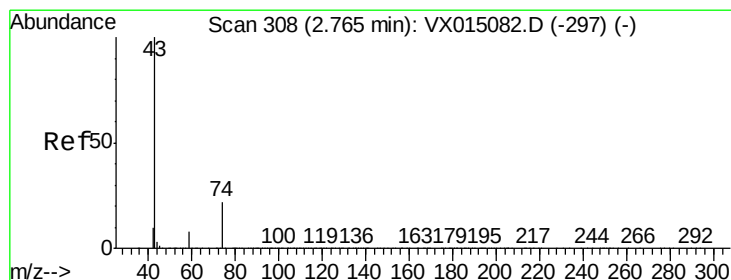
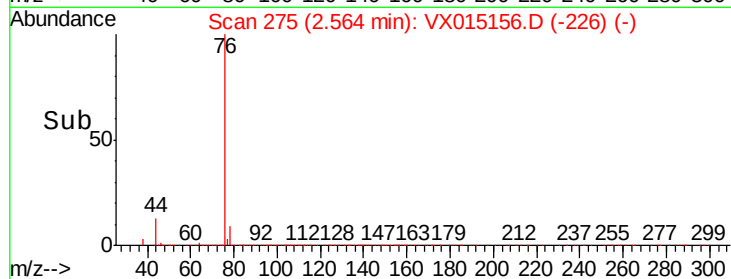
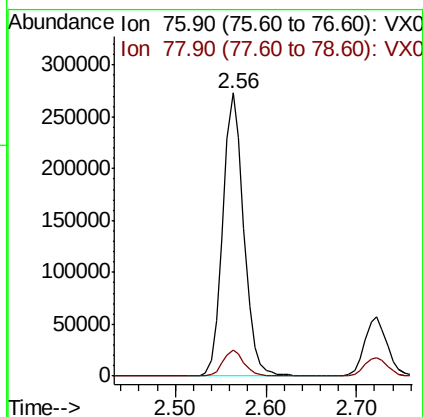
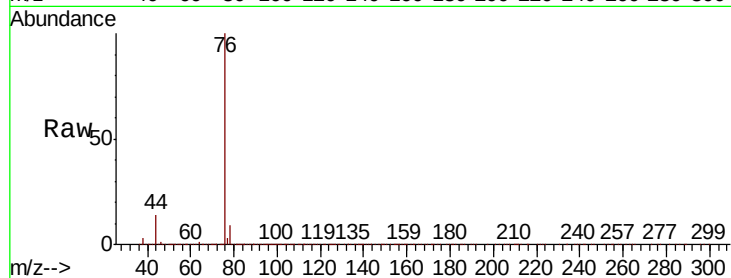




#17
Carbon Disulfide
Concen: 46.890 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

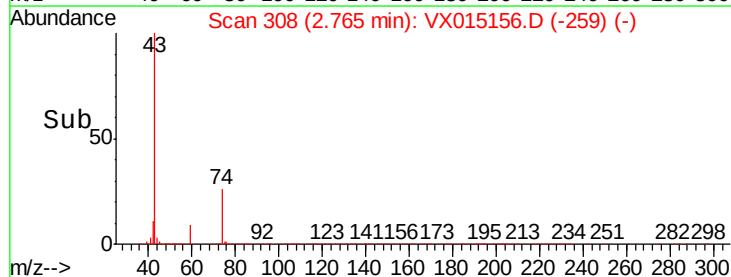
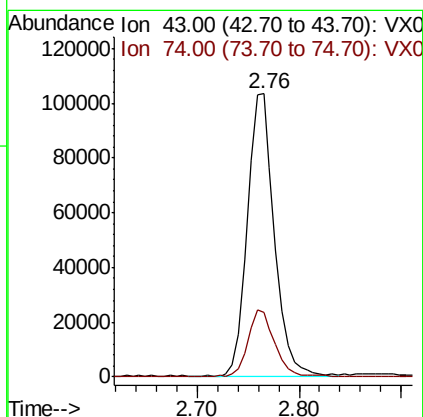
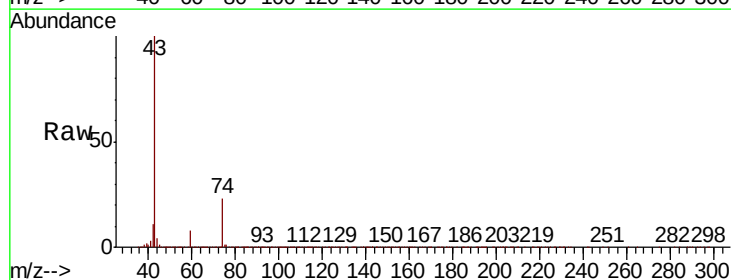
Instrument :
MSVOA_X
ClientSampleId :

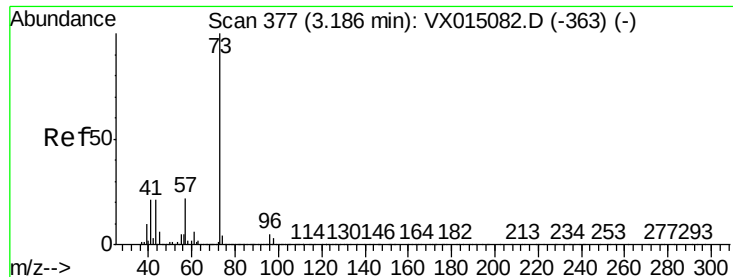
Tot Ion: 76 Resp: 438625
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 46.727 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion: 43 Resp: 190279
Ion Ratio Lower Upper
43 100
74 23.4 18.8 28.2

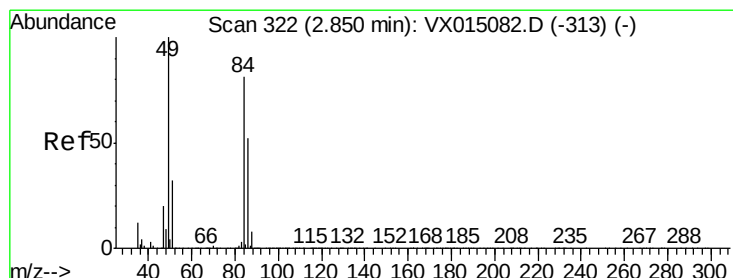
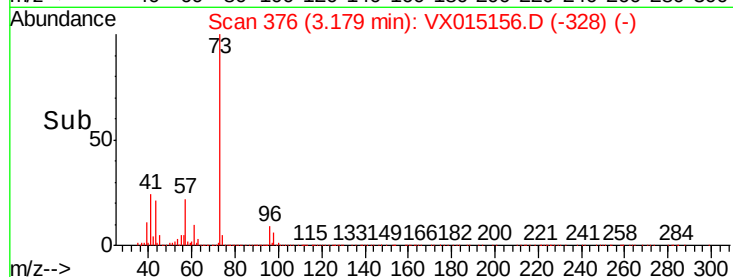
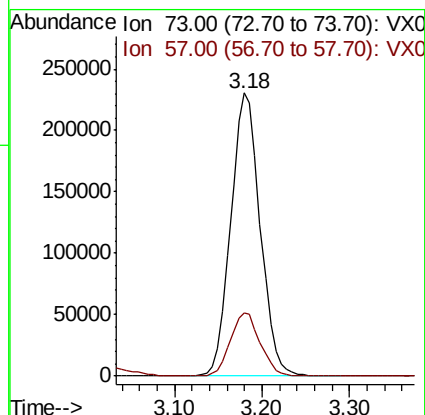
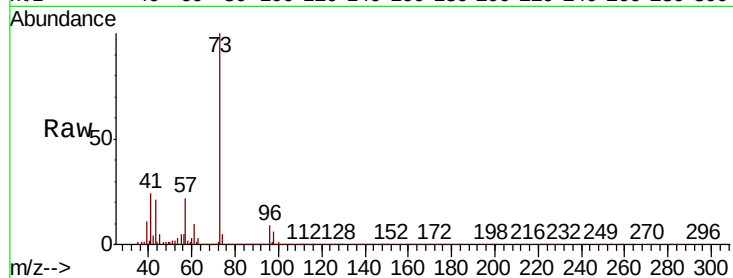




#19
Methyl tert-butyl Ether
Concen: 51.052 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

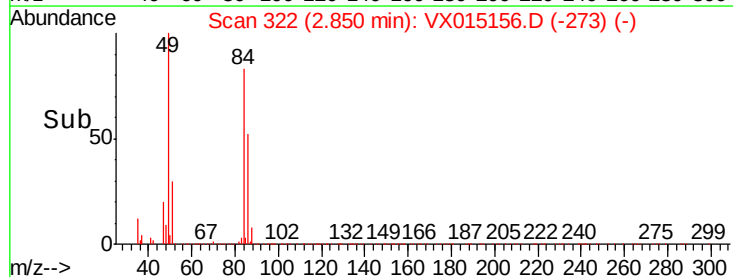
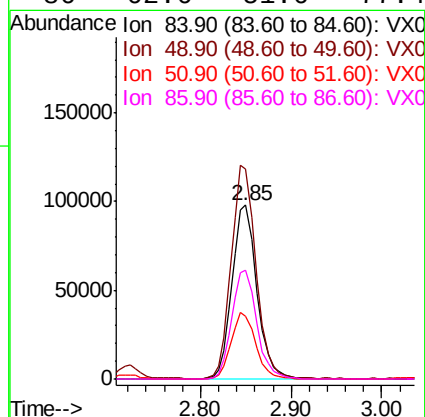
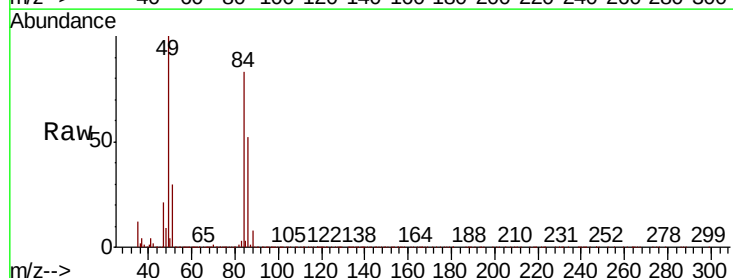
Instrument :
MSVOA_X
ClientSampleId :

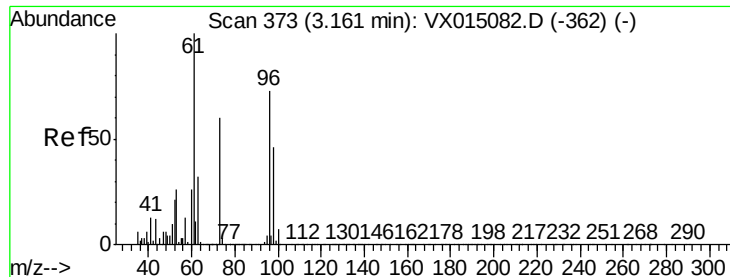
Tot Ion: 73 Resp: 537373
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.6



#20
Methylene Chloride
Concen: 47.778 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion: 84 Resp: 186211
Ion Ratio Lower Upper
84 100
49 120.7 99.4 149.2
51 36.0 31.5 47.3
86 62.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.949 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

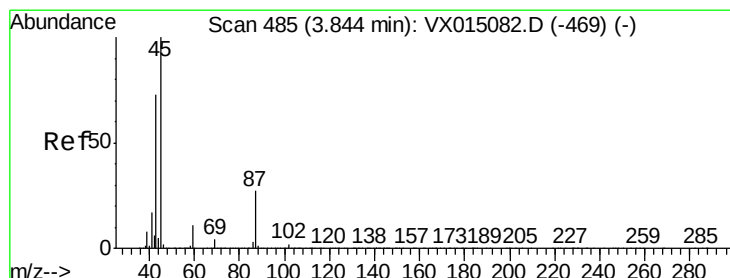
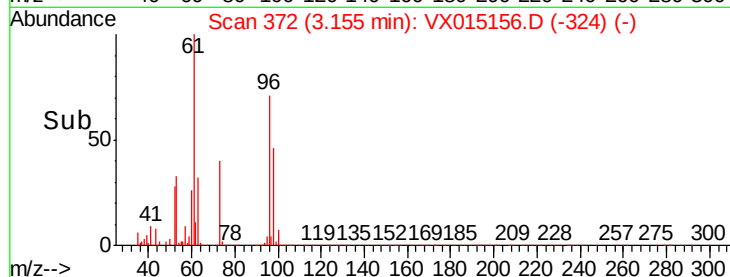
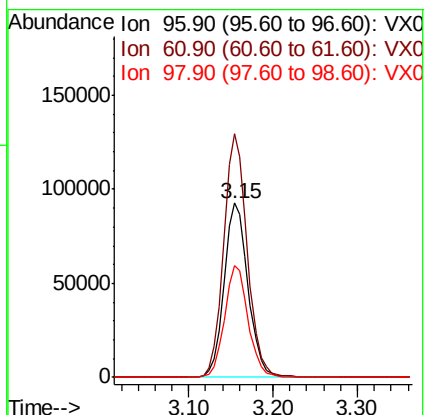
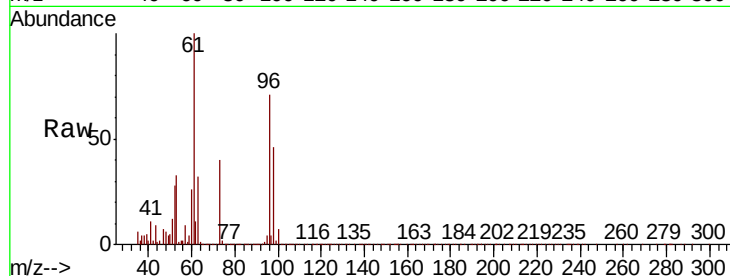
Tot Ion: 96 Resp: 179650

Ion Ratio Lower Upper

96 100

61 139.8 109.9 164.9

98 64.6 50.2 75.2



#22

Diisopropyl ether

Concen: 52.064 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Tgt Ion: 45 Resp: 609223

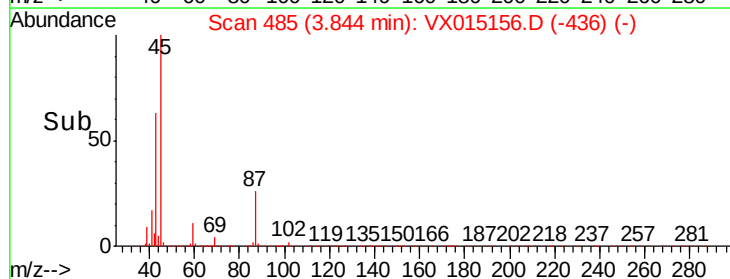
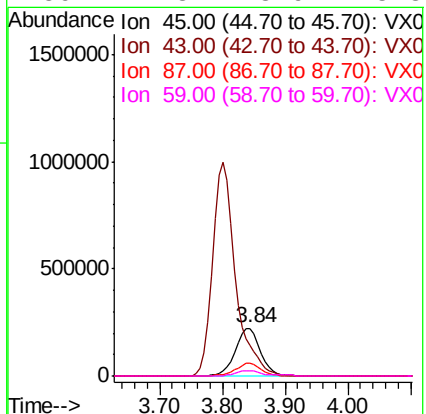
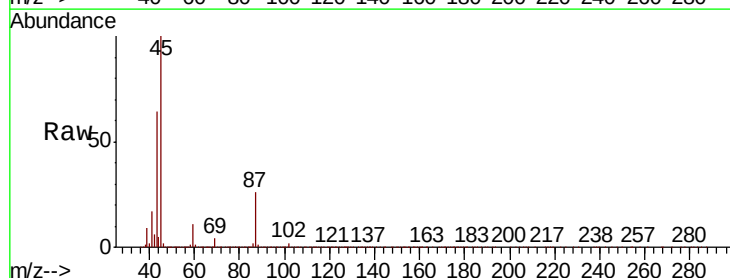
Ion Ratio Lower Upper

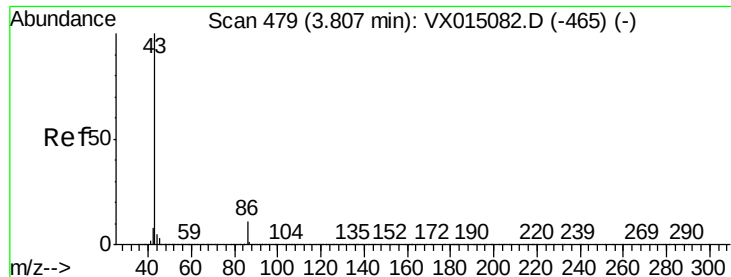
45 100

43 63.4 58.2 87.2

87 26.0 21.2 31.8

59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 263.247 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

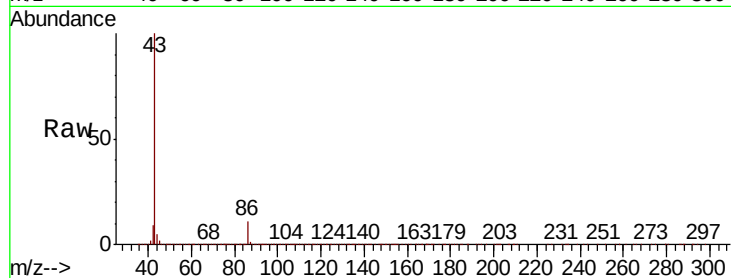
ClientSampleId :

Tot Ion: 43 Resp: 2532125

Ion Ratio Lower Upper

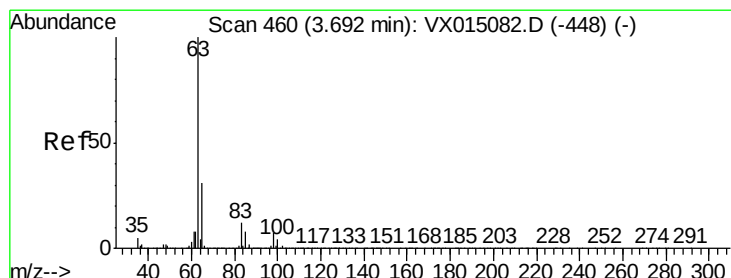
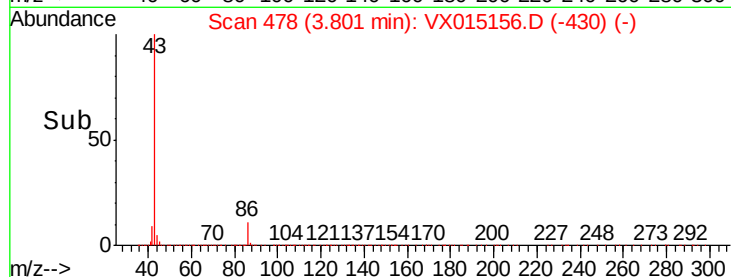
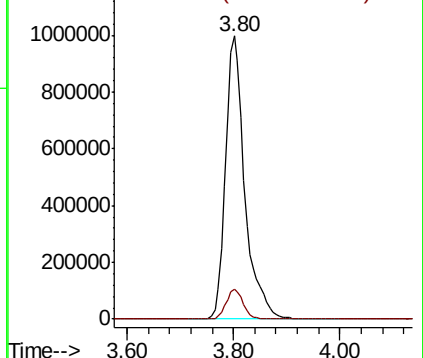
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.998 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

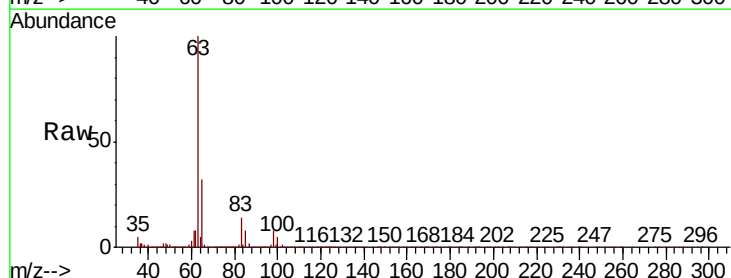
Tgt Ion: 63 Resp: 324712

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

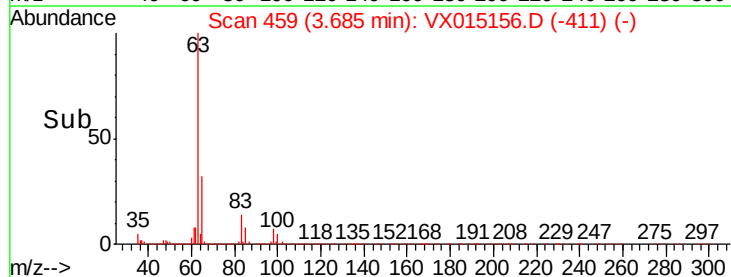
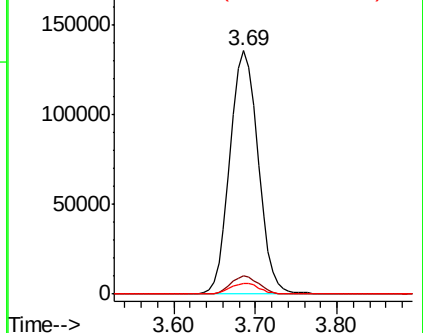
100 4.5 2.1 6.5

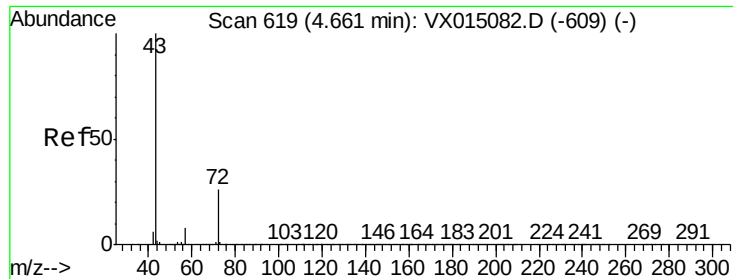


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 263.533 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

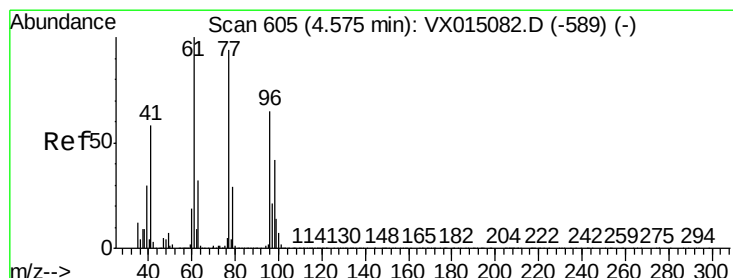
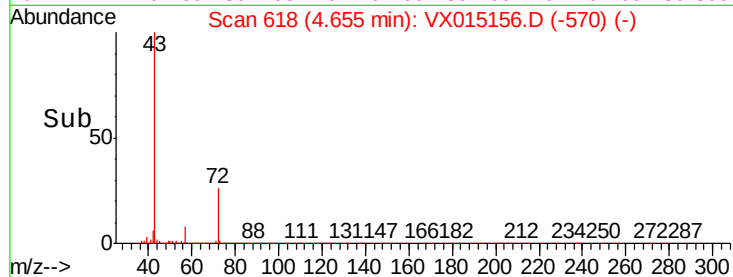
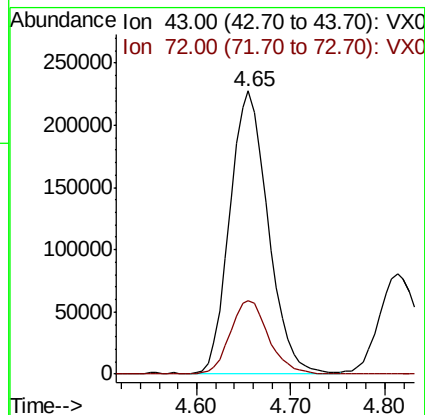
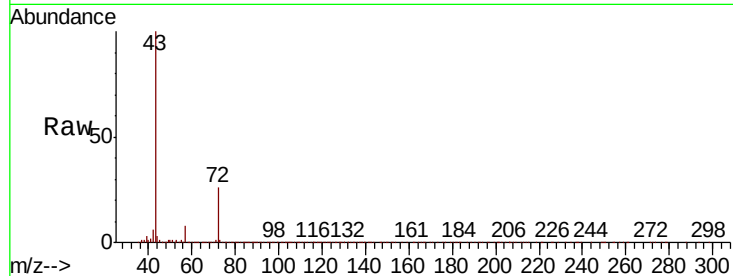
ClientSampleId :

Tot Ion: 43 Resp: 642523

Ion Ratio Lower Upper

43 100

72 25.8 20.6 30.8



#26

2,2-Dichloropropane

Concen: 51.695 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015156.D

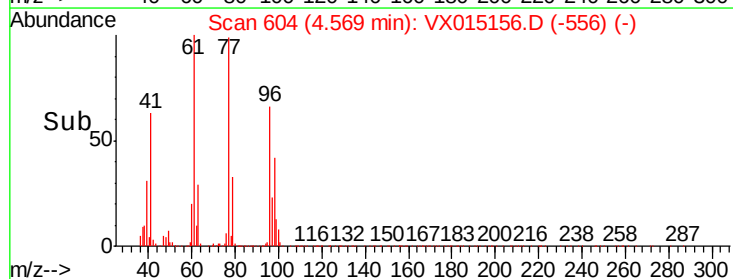
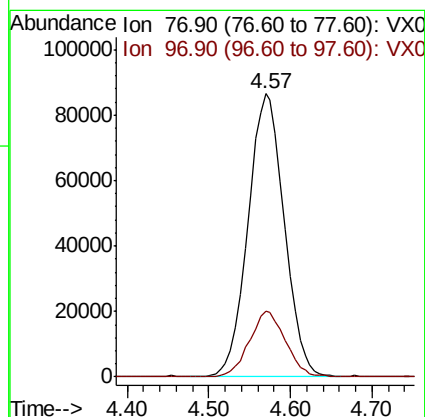
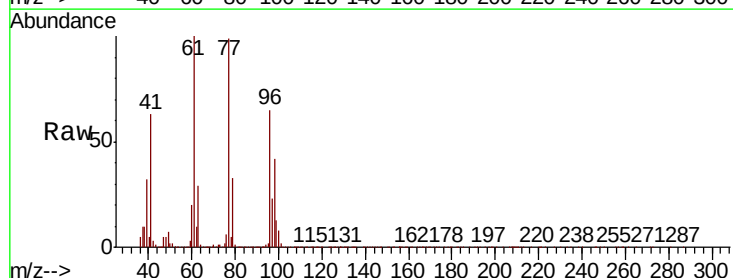
Acq: 10 Mar 2020 09:11

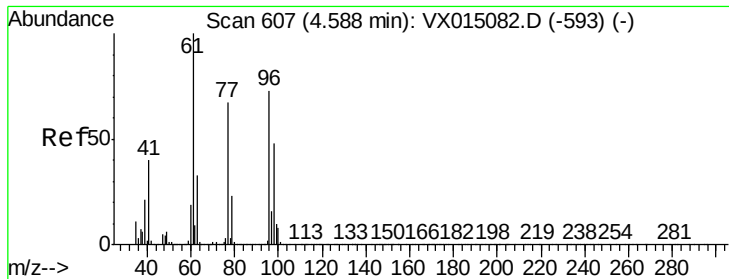
Tgt Ion: 77 Resp: 266520

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.4



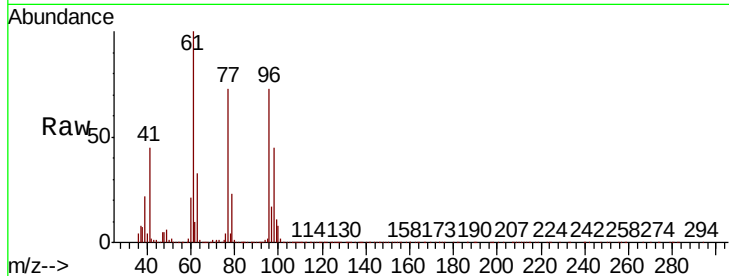


#27

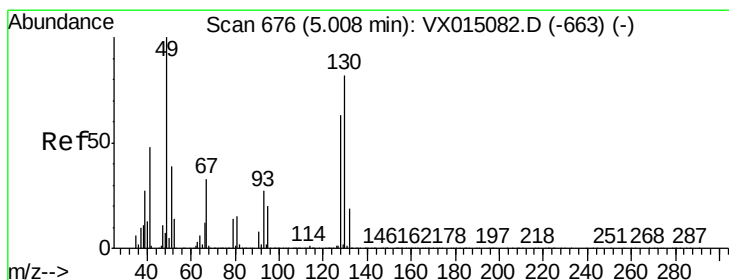
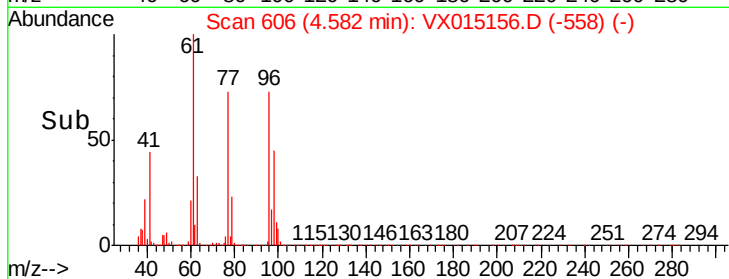
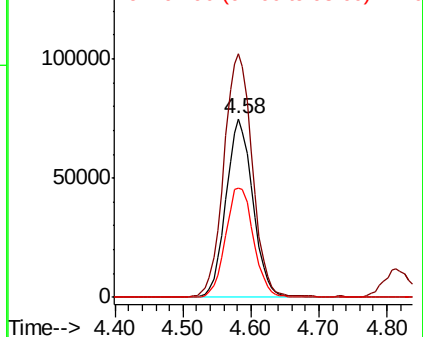
cis-1,2-Dichloroethene
Concen: 50.880 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.8
98	63.6	0.0	128.4



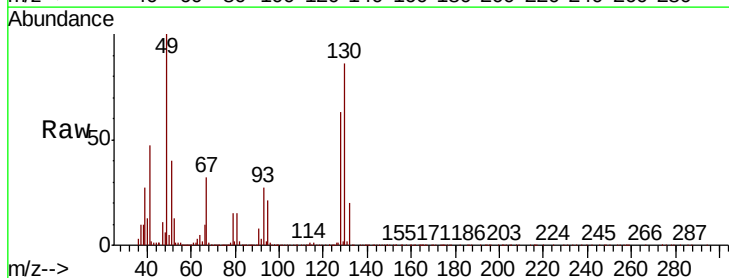
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



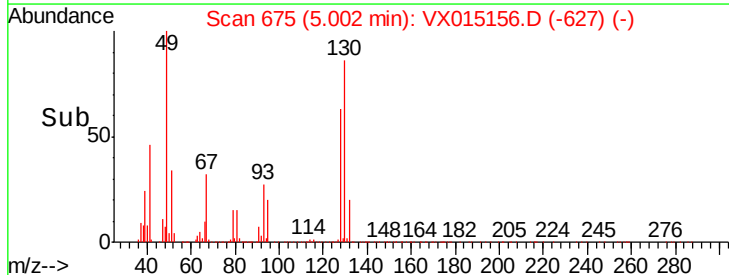
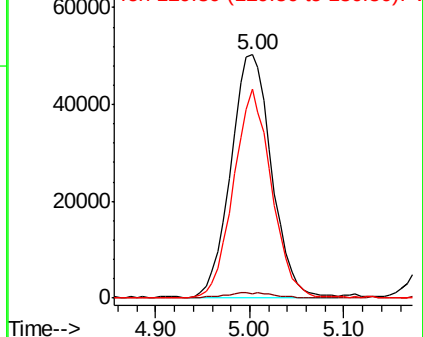
#28

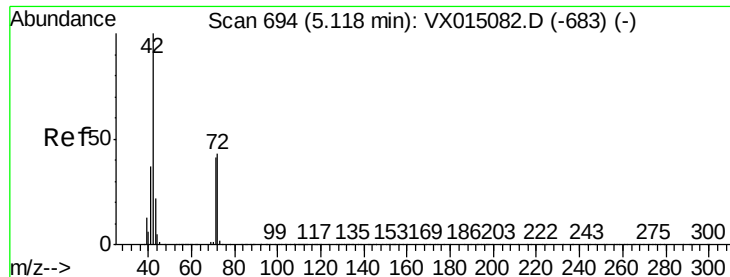
Bromochloromethane
Concen: 50.992 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	80.2	65.0	97.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 241.916 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

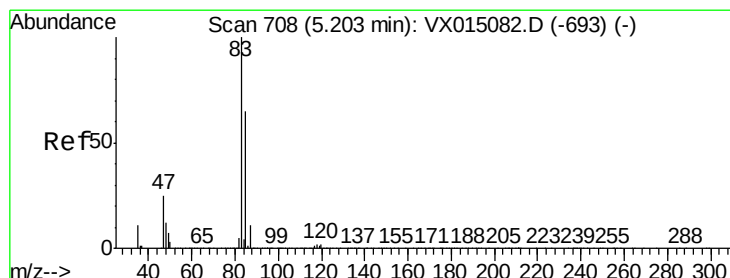
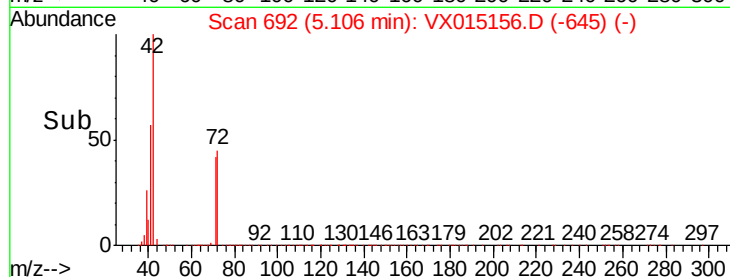
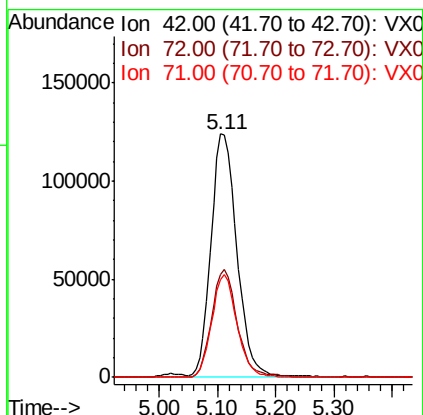
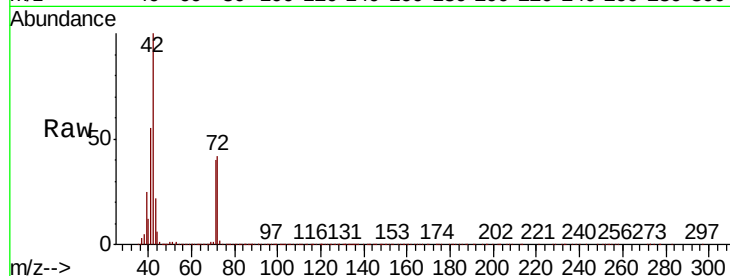
Tot Ion: 42 Resp: 380204

Ion Ratio Lower Upper

42 100

72 43.9 36.4 54.6

71 41.2 33.3 49.9



#30

Chloroform

Concen: 50.882 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015156.D

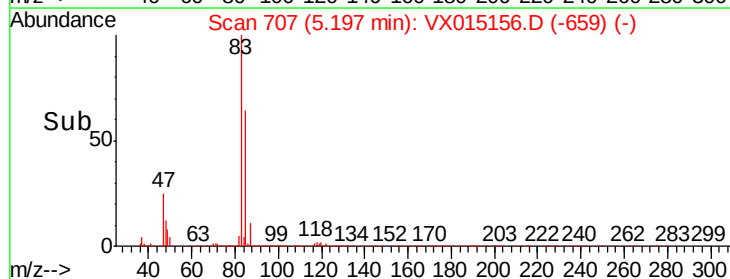
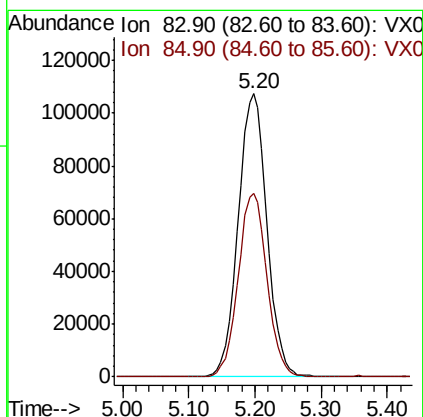
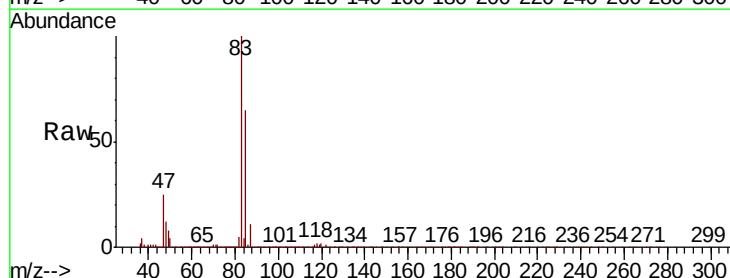
Acq: 10 Mar 2020 09:11

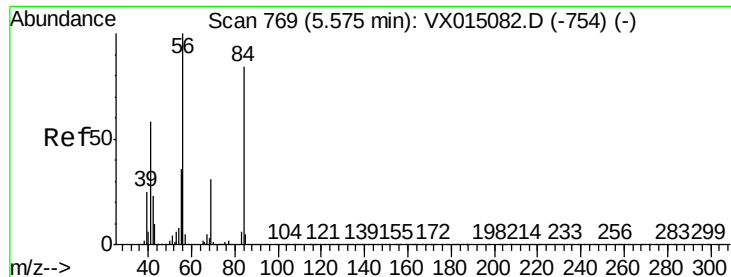
Tgt Ion: 83 Resp: 322076

Ion Ratio Lower Upper

83 100

85 64.8 52.0 78.0

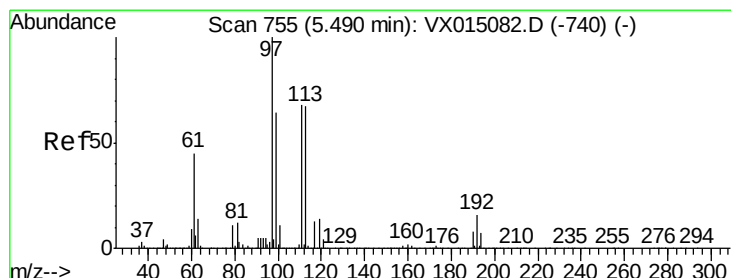
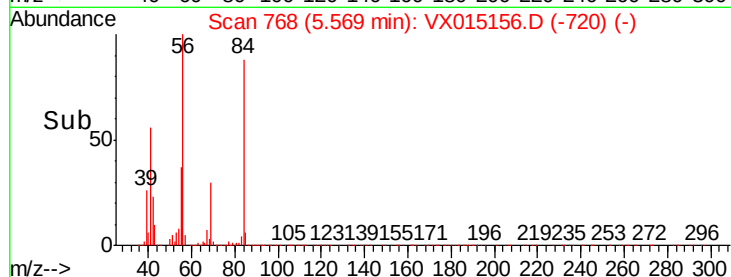
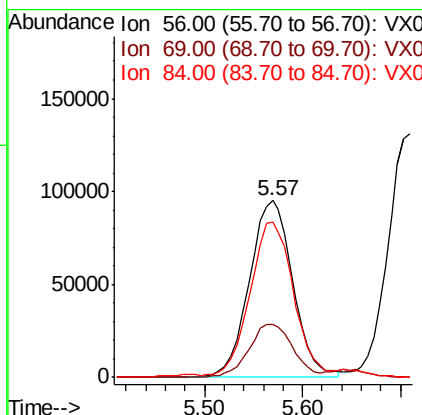
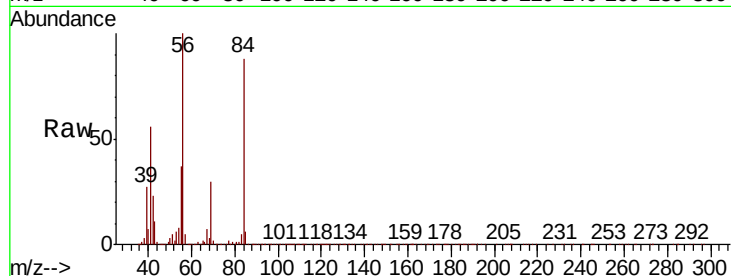




#31
Cyclohexane
Concen: 50.296 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

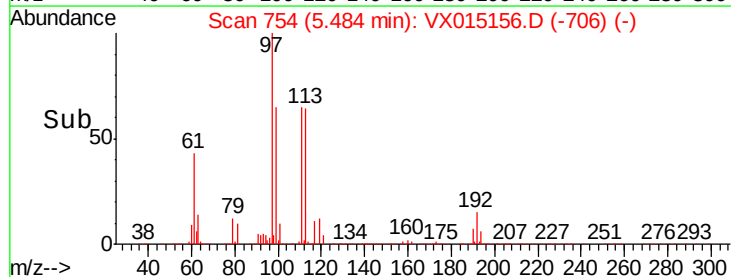
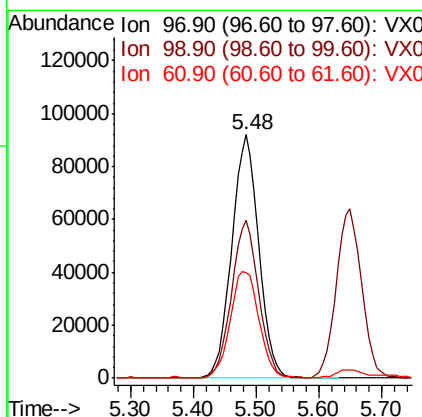
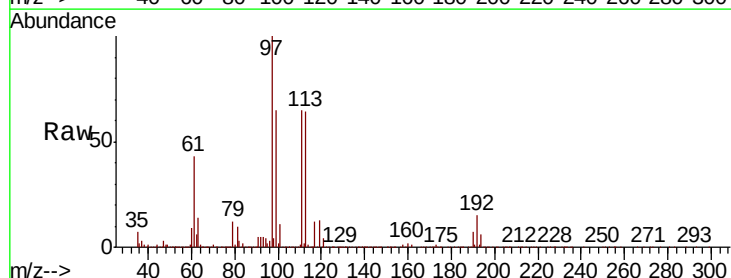
Instrument :
MSVOA_X
ClientSampleId :

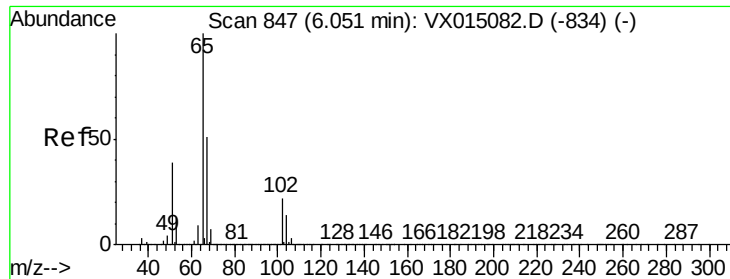
Tot Ion: 56 Resp: 291354
Ion Ratio Lower Upper
56 100
69 29.6 25.0 37.6
84 86.7 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 52.037 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion: 97 Resp: 273048
Ion Ratio Lower Upper
97 100
99 64.9 52.8 79.2
61 46.9 36.6 54.8

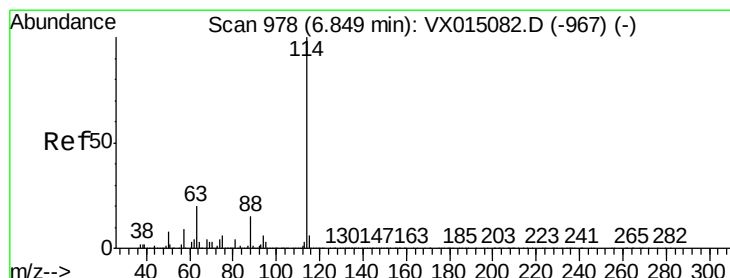
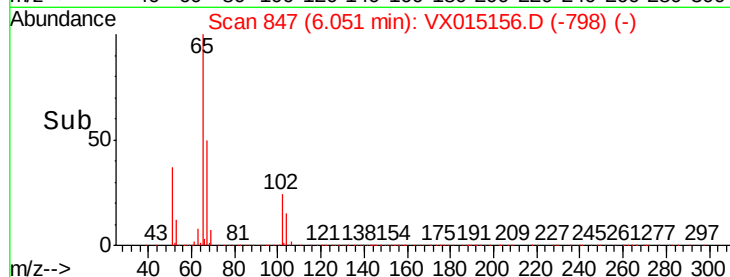
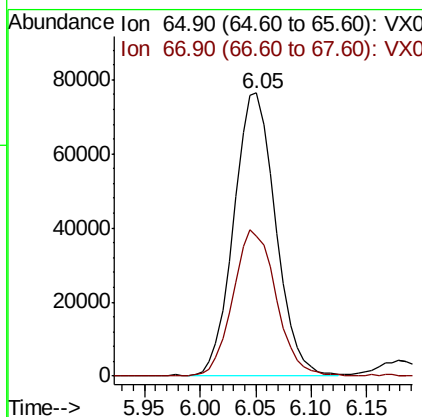
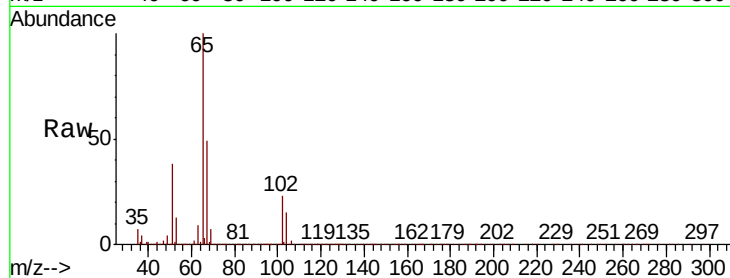




#33
 1,2-Dichloroethane-d4
 Concen: 48.381 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

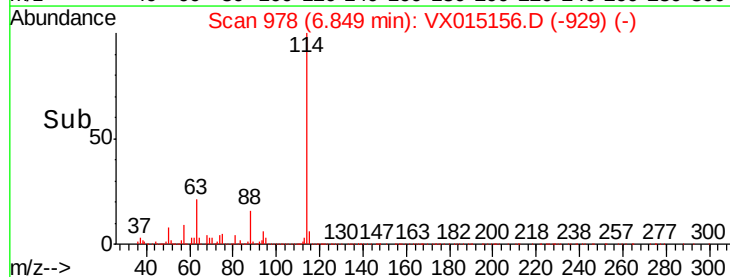
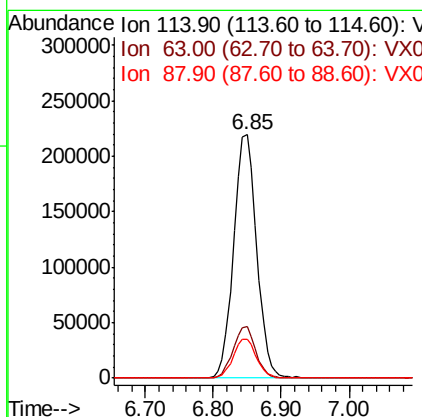
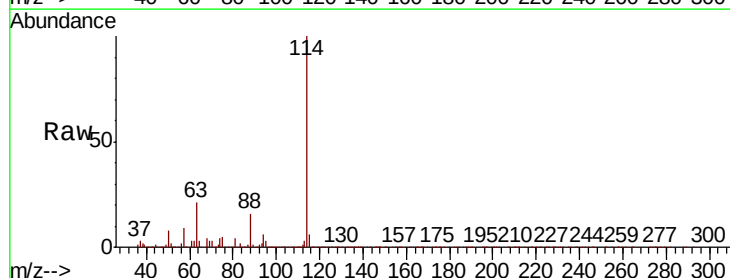
Instrument :
 MSVOA_X
 ClientSampled :

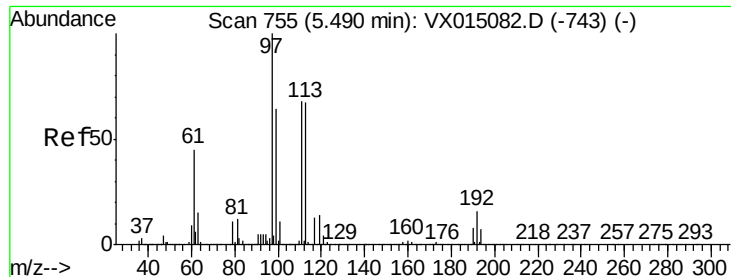
Tot Ion: 65 Resp: 198953
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion: 114 Resp: 515143
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.0
 88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.668 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :

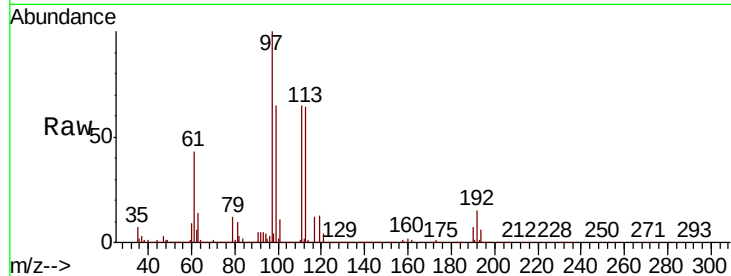
Tot Ion:113 Resp: 164665

Ion Ratio Lower Upper

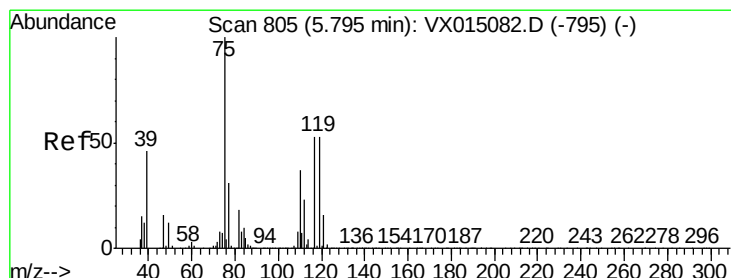
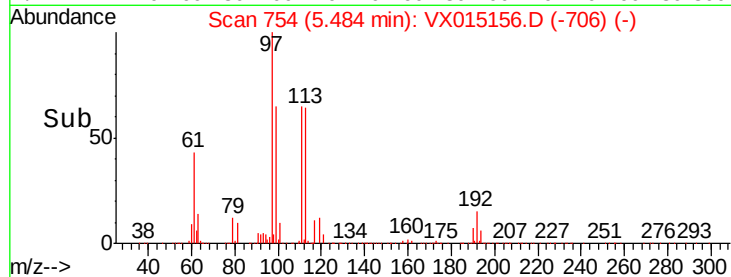
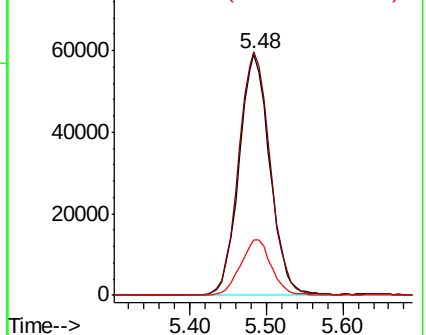
113 100

111 103.3 82.6 123.8

192 23.3 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.686 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

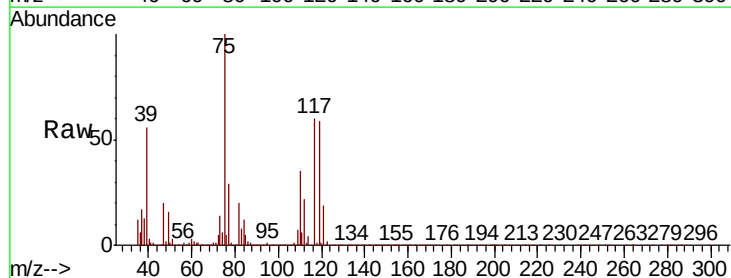
Tgt Ion: 75 Resp: 246141

Ion Ratio Lower Upper

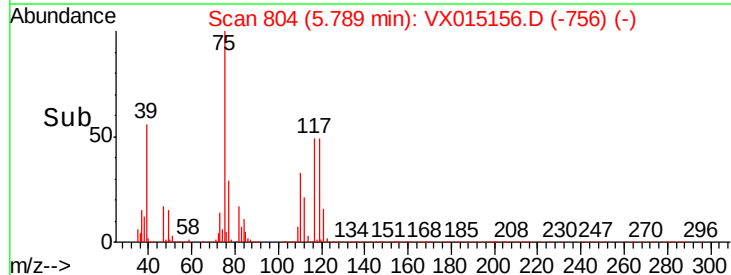
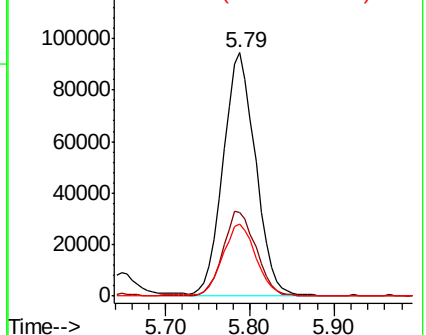
75 100

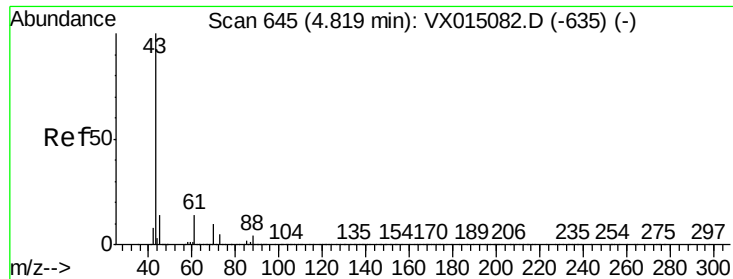
110 35.8 17.9 53.8

77 30.3 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

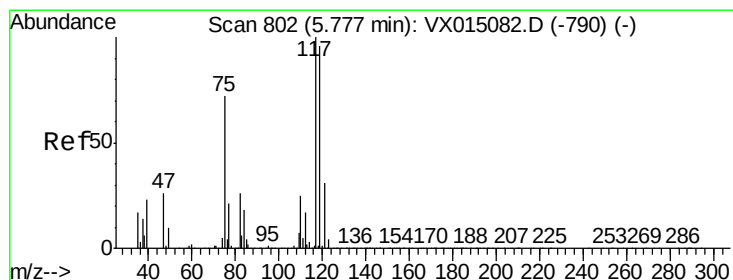
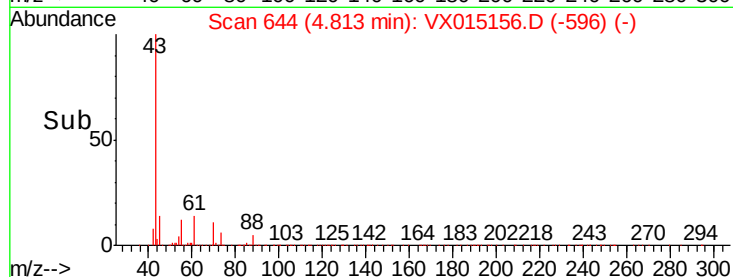
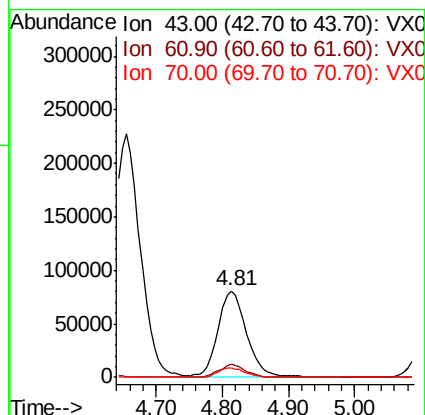
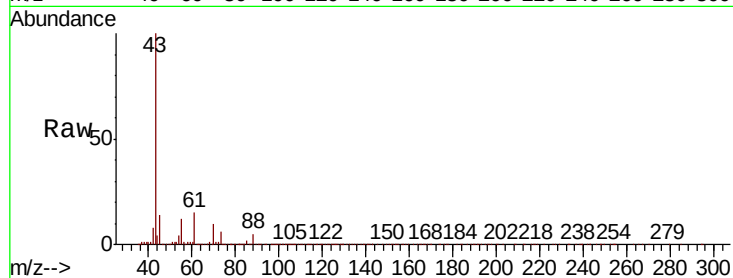




#37
Ethyl Acetate
Concen: 54.184 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

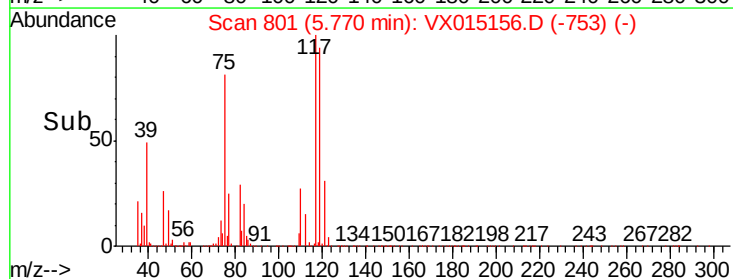
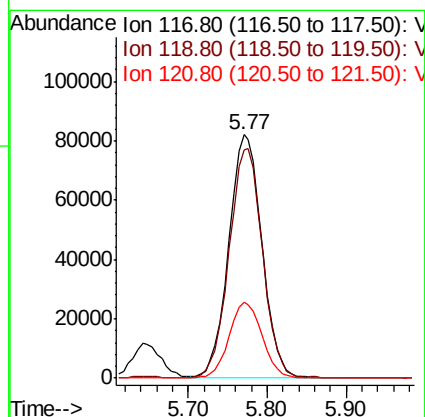
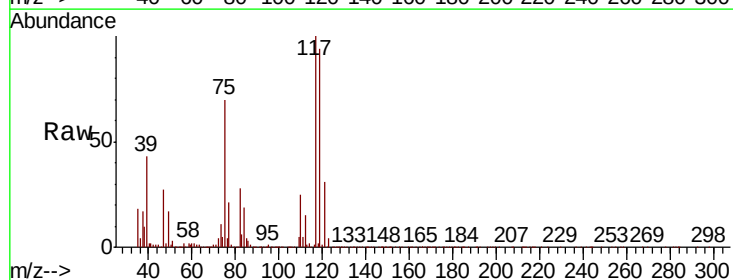
Instrument :
MSVOA_X
ClientSampled :

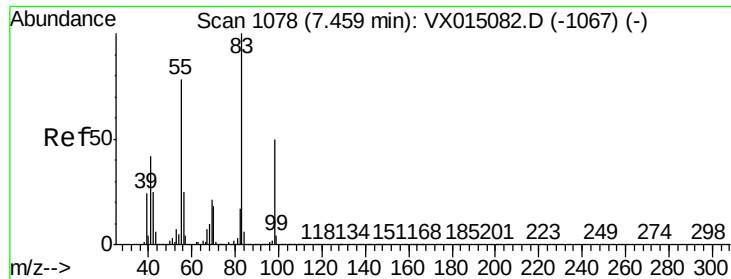
Tot Ion: 43 Resp: 239359
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 53.278 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion: 117 Resp: 239497
Ion Ratio Lower Upper
117 100
119 93.8 76.9 115.3
121 31.3 24.6 37.0

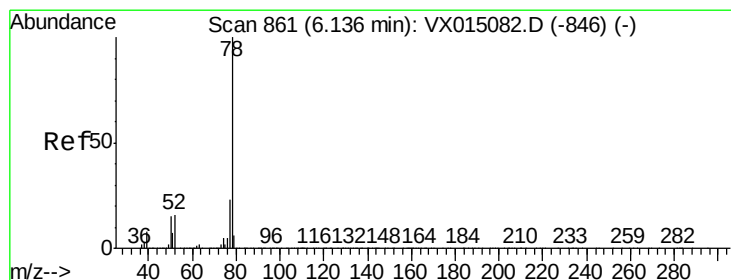
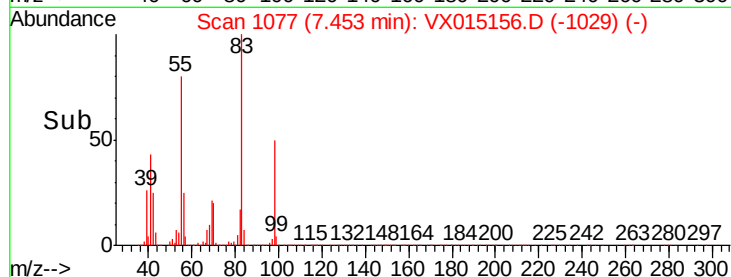
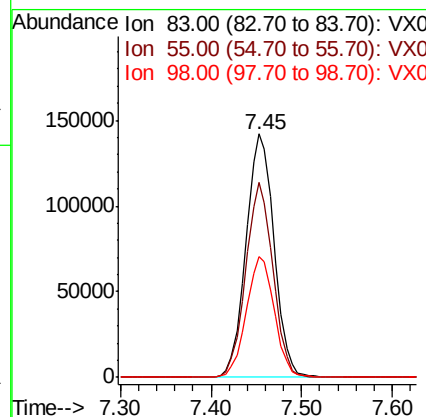
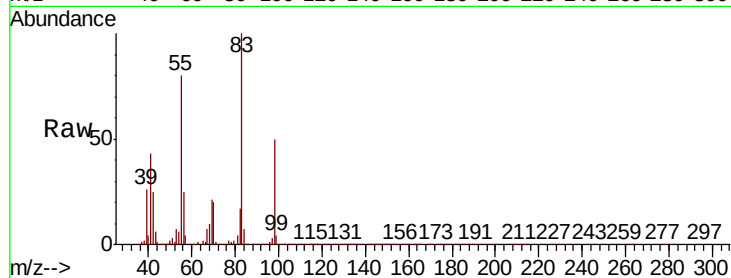




#39
Methylvlcyclohexane
Concen: 54.599 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

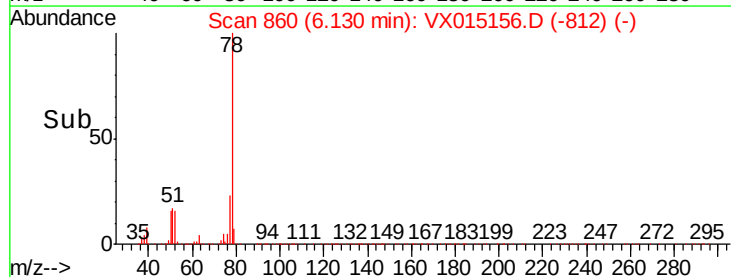
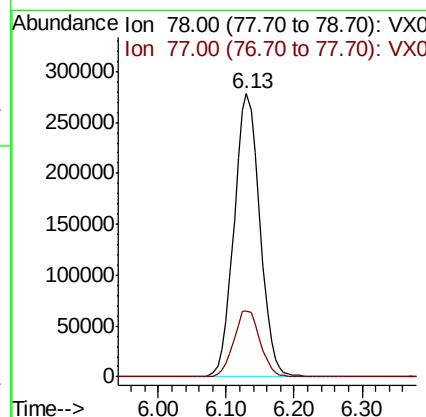
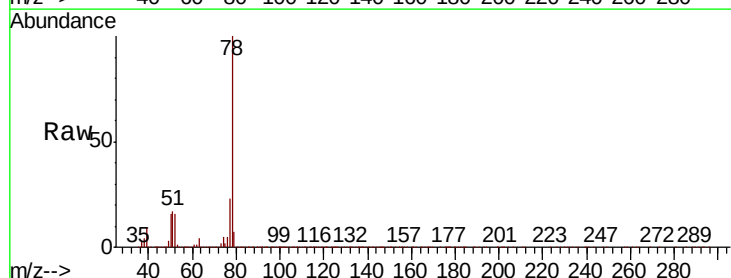
Instrument :
MSVOA_X
ClientSampleId :

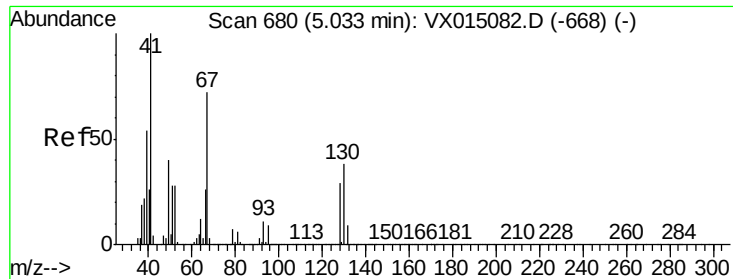
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	62.4	93.6
98	49.6	39.7	59.5



#40
Benzene
Concen: 51.834 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0

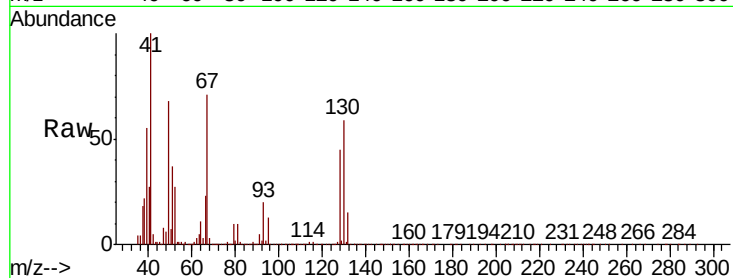




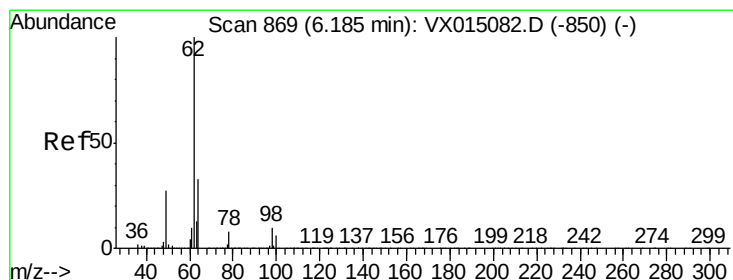
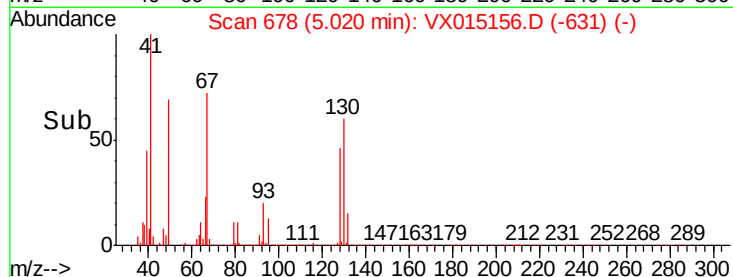
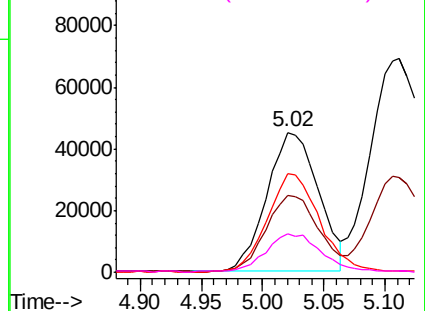
#41
Methacrylonitrile
Concen: 49.884 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	132364
Ion	Ratio	Lower	Upper
41	100		
39	56.7	43.9	65.9
67	71.4	57.8	86.8
52	28.9	22.6	34.0

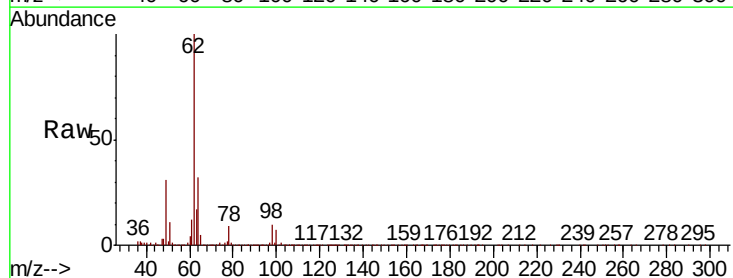


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

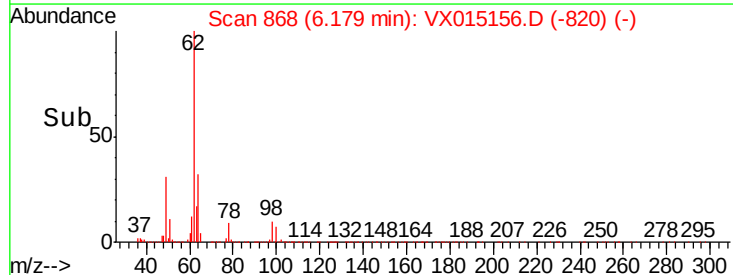
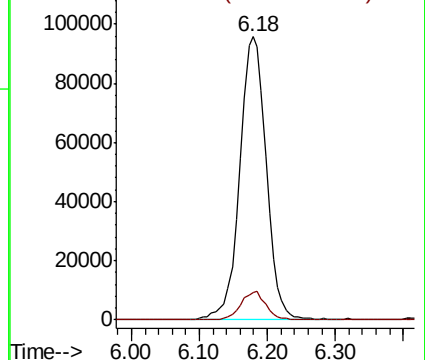


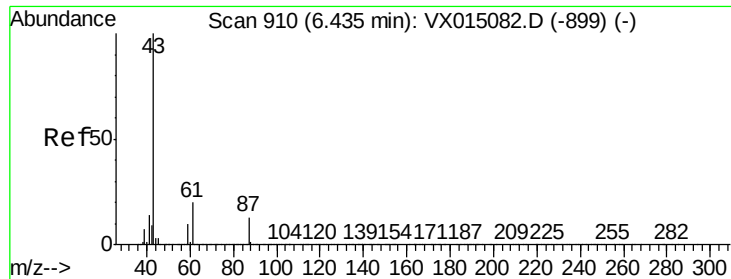
#42
1,2-Dichloroethane
Concen: 52.828 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion:	62	Resp:	256328
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 51.363 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

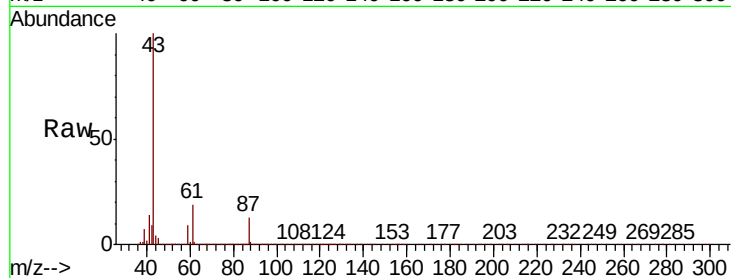
Tot Ion: 43 Resp: 399154

Ion Ratio Lower Upper

43 100

61 19.7 16.1 24.1

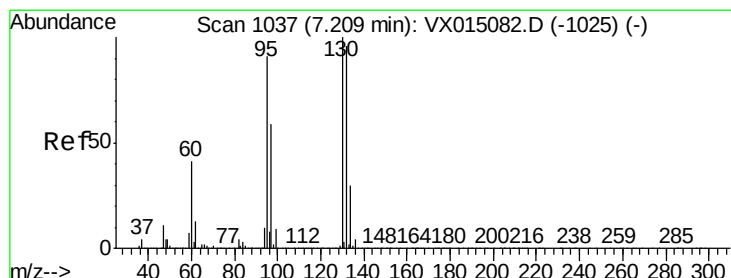
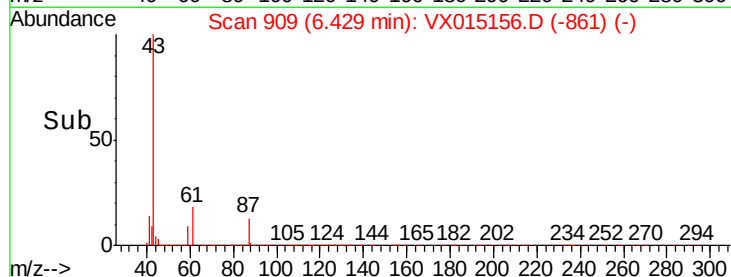
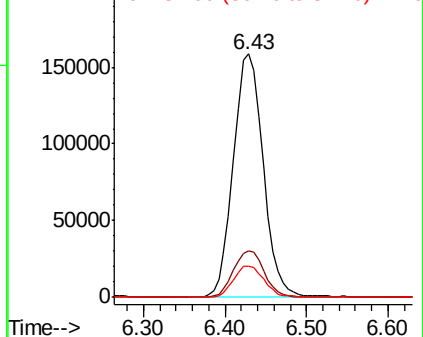
87 13.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.430 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015156.D

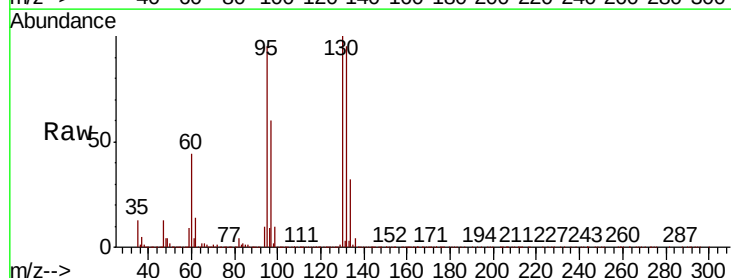
Acq: 10 Mar 2020 09:11

Tgt Ion: 130 Resp: 202369

Ion Ratio Lower Upper

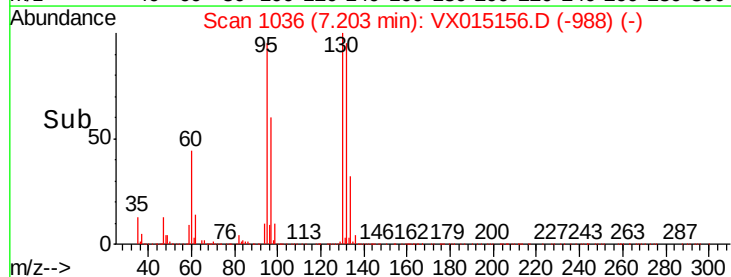
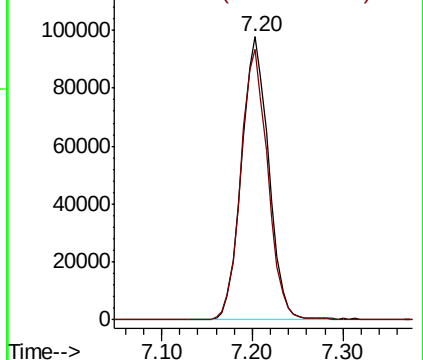
130 100

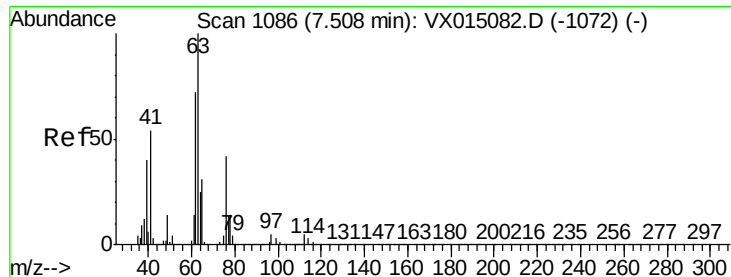
95 95.3 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

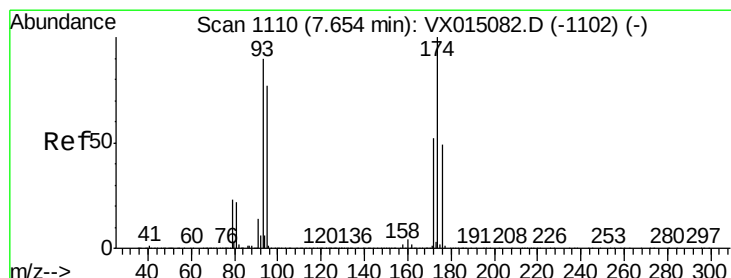
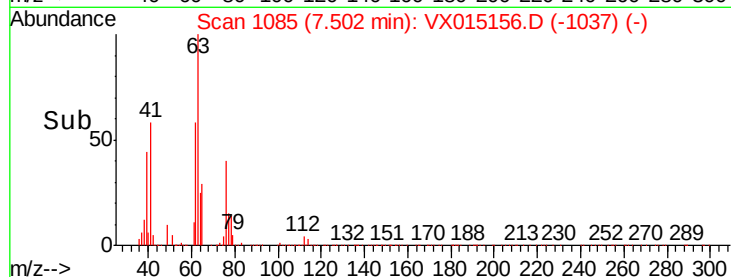
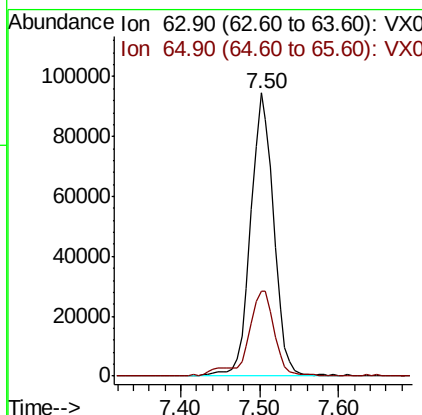
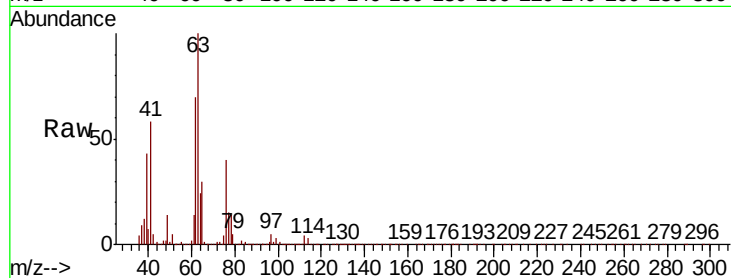




#45
 1,2-Dichloropropane
 Concen: 52.742 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

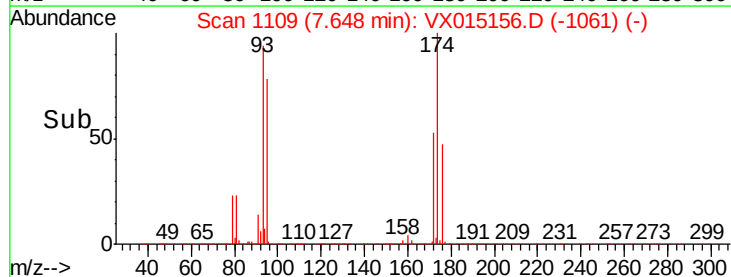
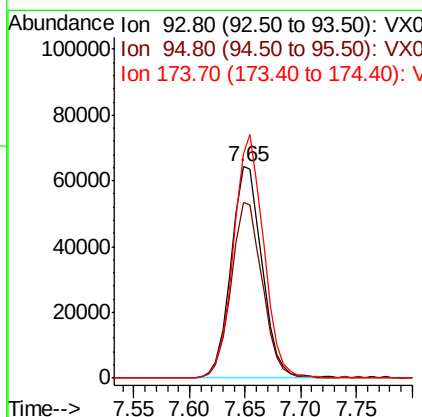
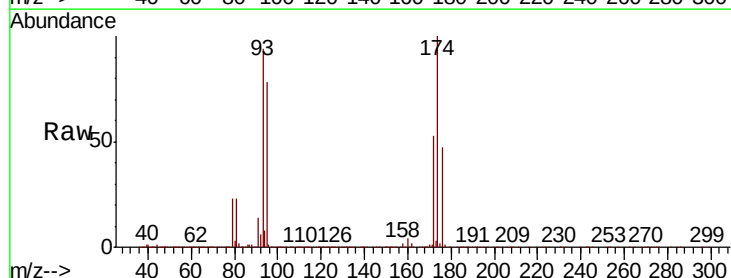
Instrument :
 MSVOA_X
 ClientSampleId :

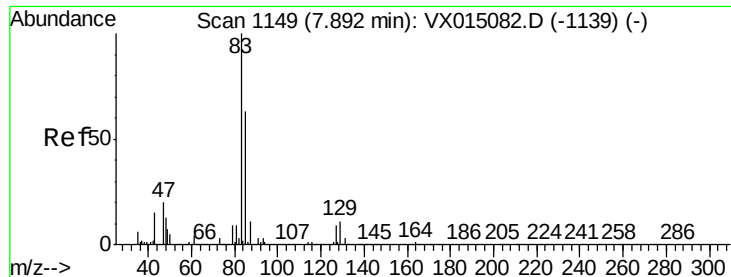
Tot Ion: 63 Resp: 192886
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 36.8



#46
 Dibromomethane
 Concen: 51.735 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion: 93 Resp: 123283
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.8 101.8
 174 112.5 91.0 136.4





#47

Bromodichloromethane

Concen: 54.129 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

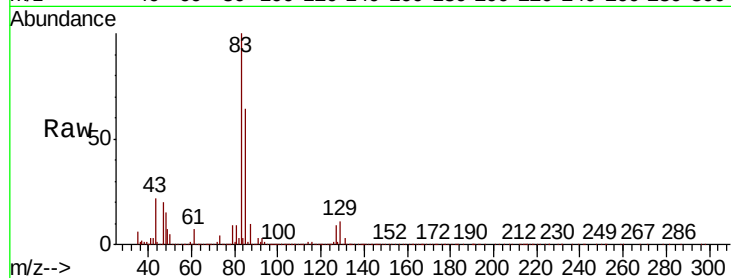
Tot Ion: 83 Resp: 255072

Ion Ratio Lower Upper

83 100

85 64.2 50.6 75.8

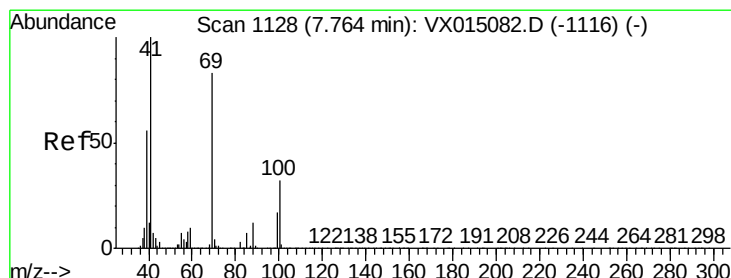
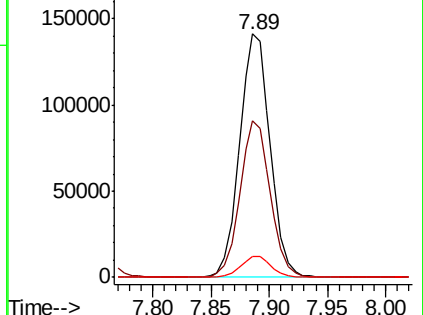
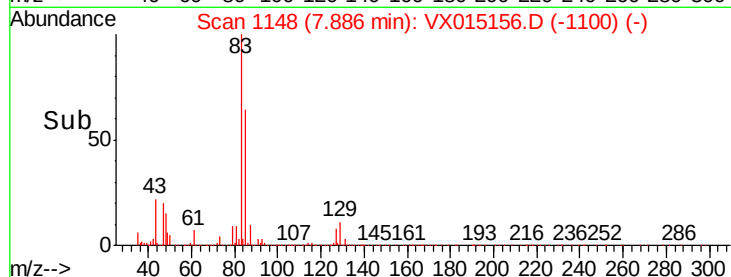
127 8.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.163 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

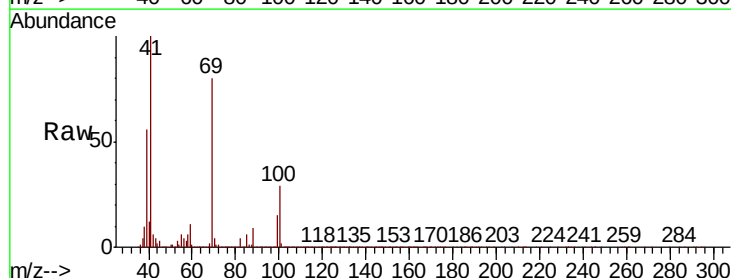
Tgt Ion: 41 Resp: 202365

Ion Ratio Lower Upper

41 100

69 80.8 65.4 98.2

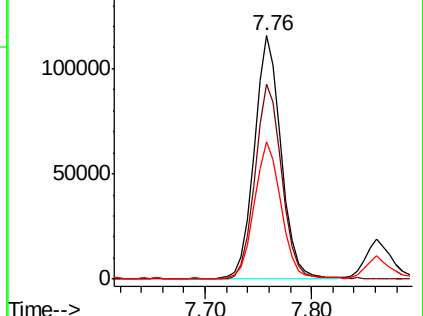
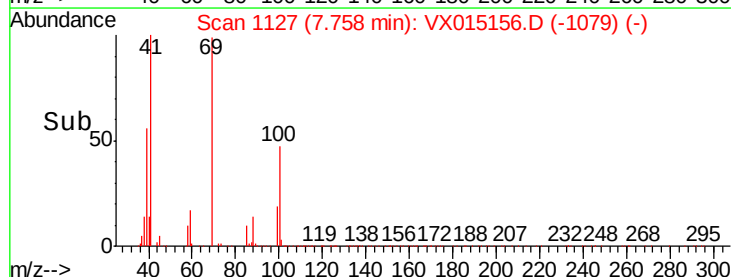
39 56.4 44.6 67.0

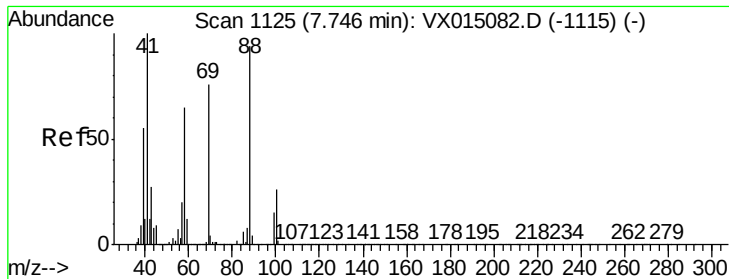


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

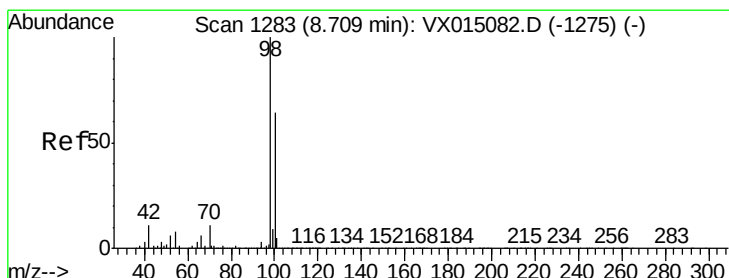
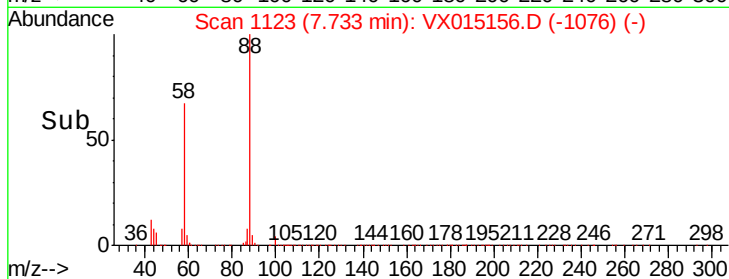
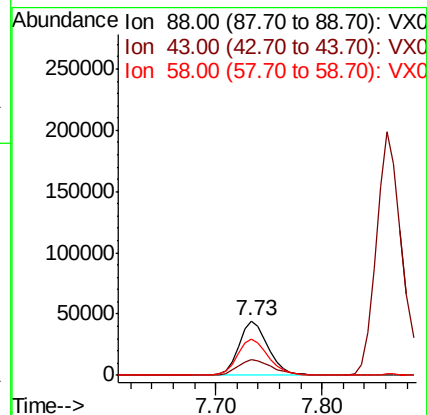
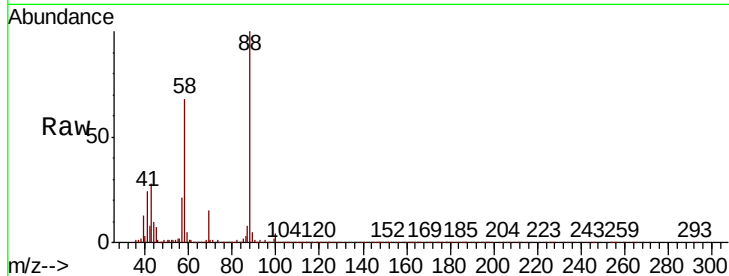




#49
1,4-Dioxane
Concen: 990.891 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

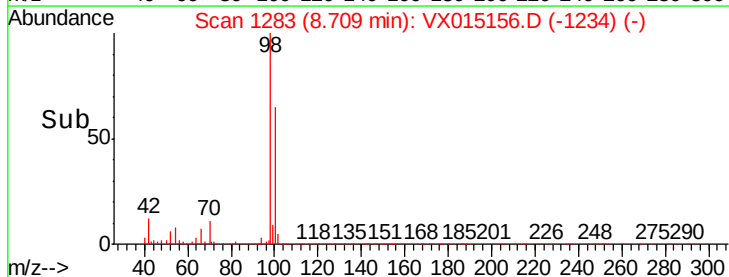
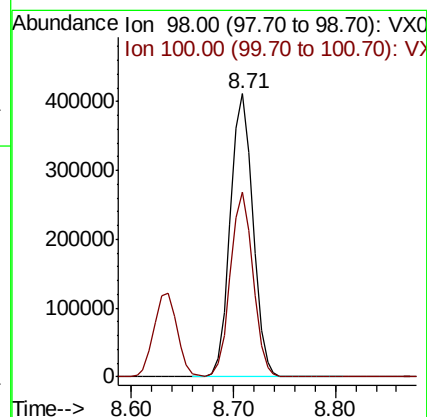
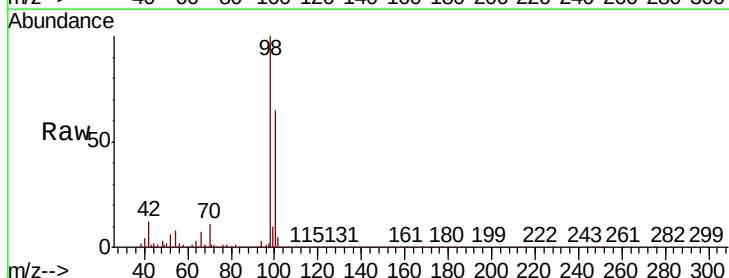
Instrument :
MSVOA_X
ClientSampled :

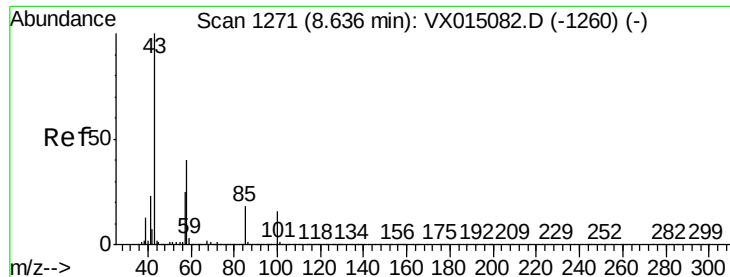
Tot Ion: 88 Resp: 84739
Ion Ratio Lower Upper
88 100
43 36.0 27.0 40.4
58 69.6 55.6 83.4



#50
Toluene-d8
Concen: 50.929 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion: 98 Resp: 629587
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 265.866 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

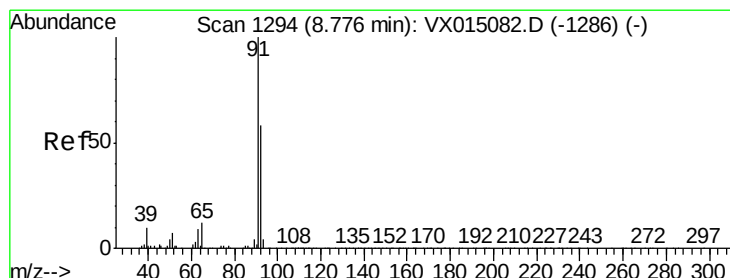
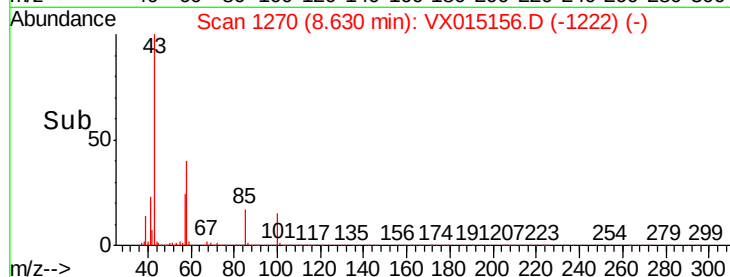
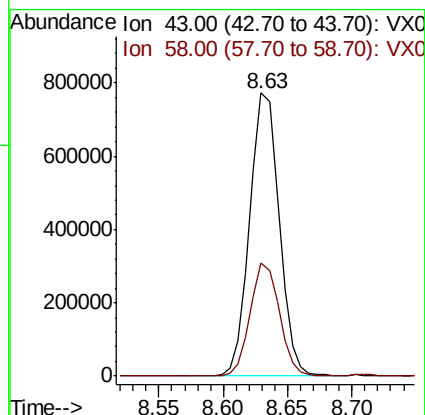
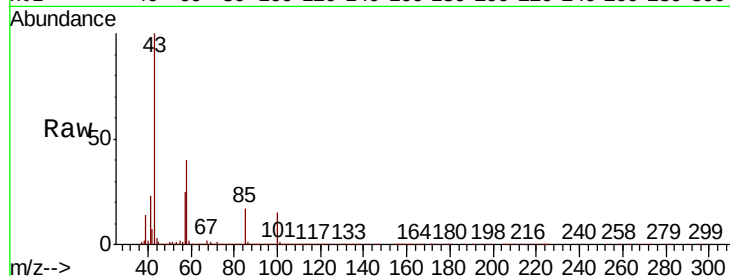
ClientSampleId :

Tot Ion: 43 Resp: 1221608

Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4



#52

Toluene

Concen: 53.764 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015156.D

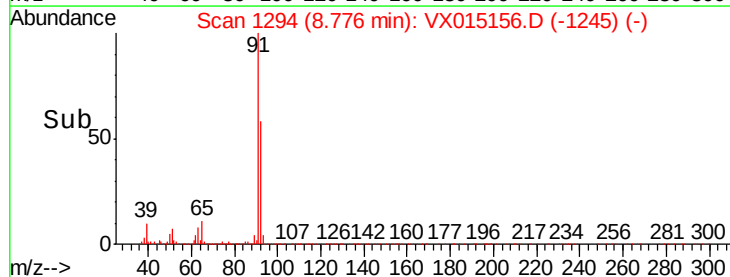
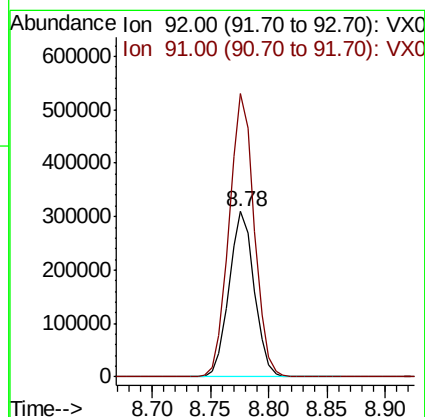
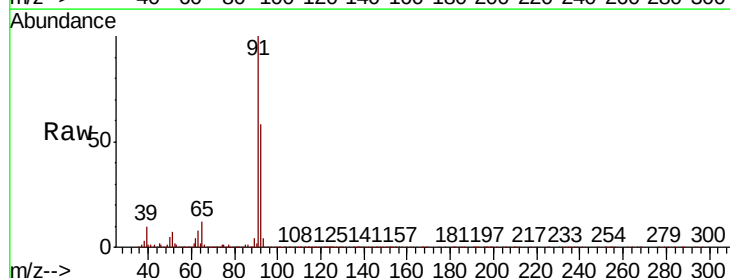
Acq: 10 Mar 2020 09:11

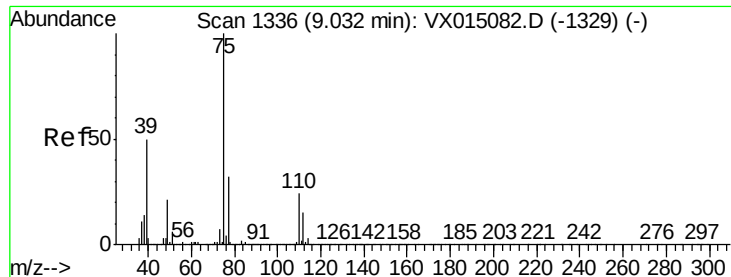
Tgt Ion: 92 Resp: 464464

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 55.181 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

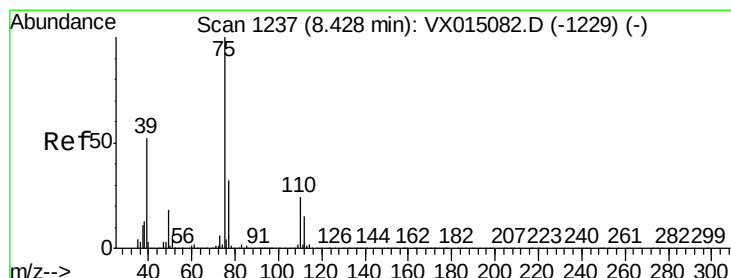
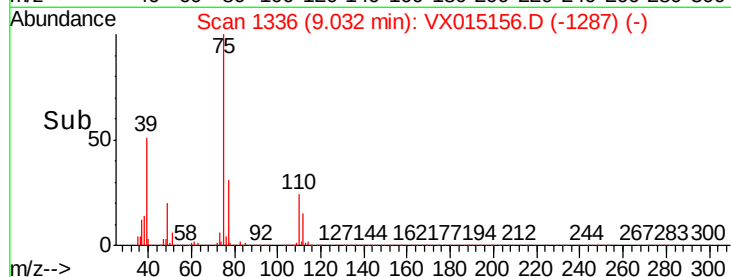
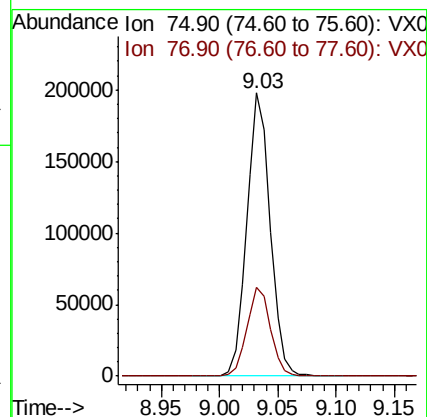
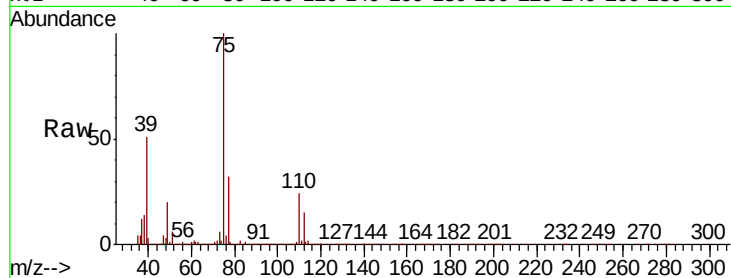
ClientSampleId :

Tot Ion: 75 Resp: 276772

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.740 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

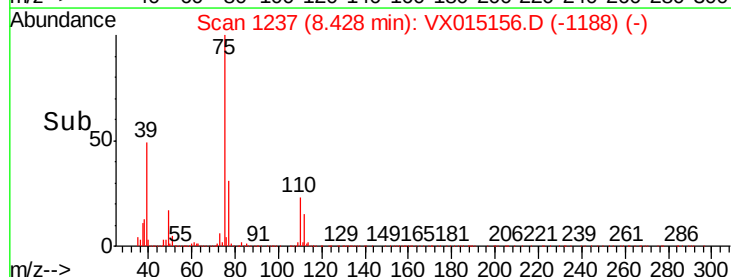
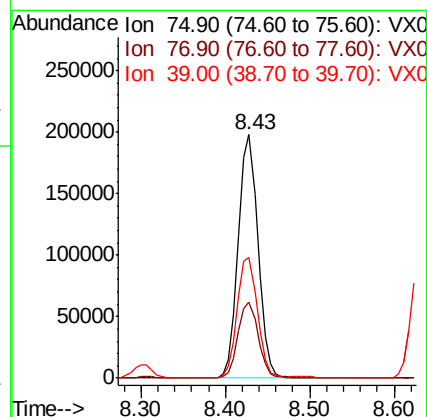
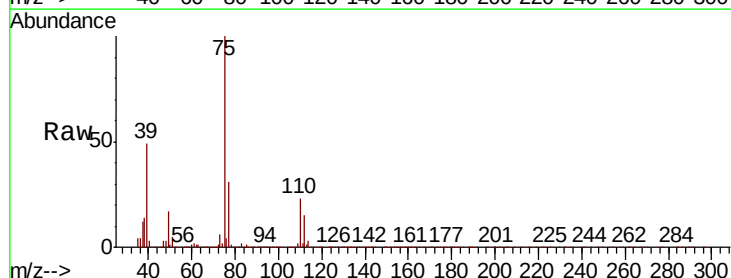
Tgt Ion: 75 Resp: 310394

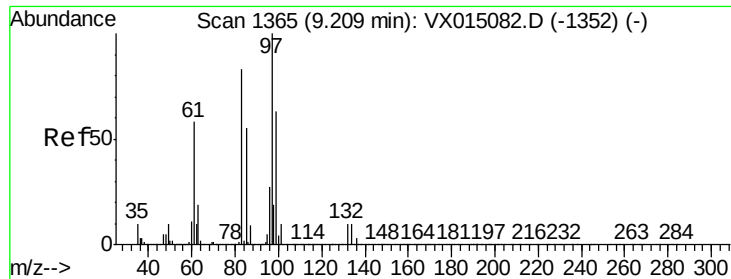
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 49.2 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 52.423 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 186405

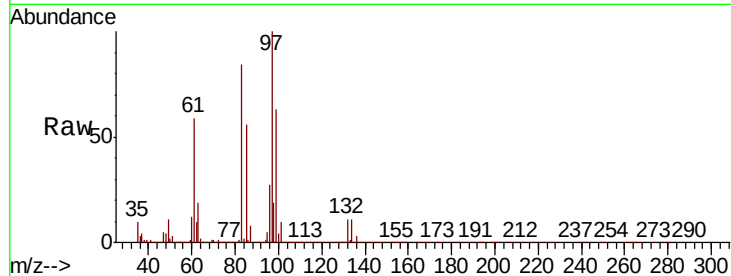
Ion Ratio Lower Upper

97 100

83 83.7 66.4 99.6

85 55.7 43.5 65.3

99 63.4 50.7 76.1

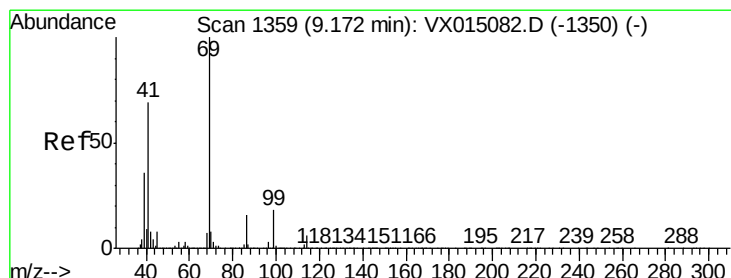
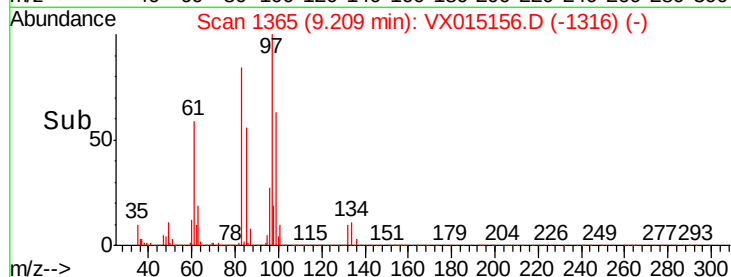
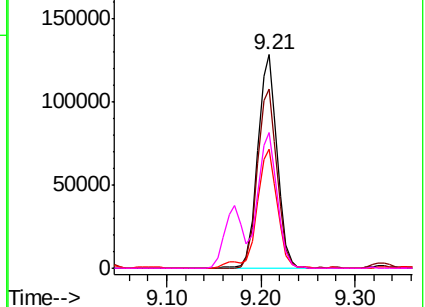


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.693 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

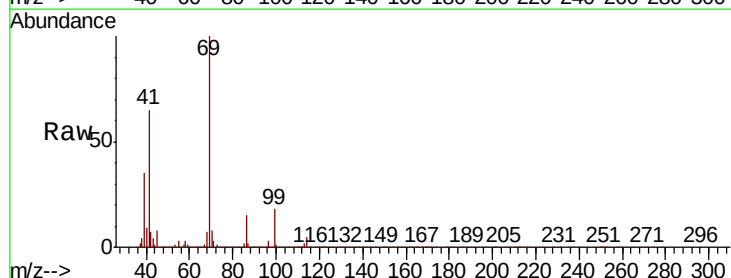
Tgt Ion: 69 Resp: 282467

Ion Ratio Lower Upper

69 100

41 68.1 55.8 83.8

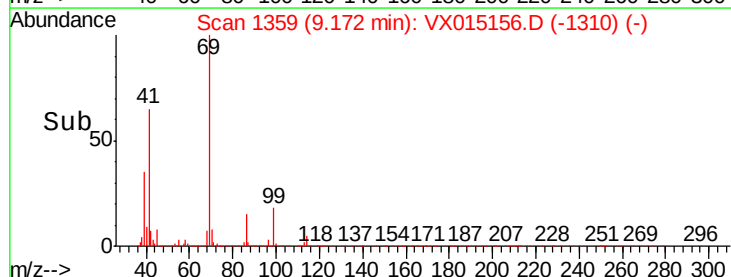
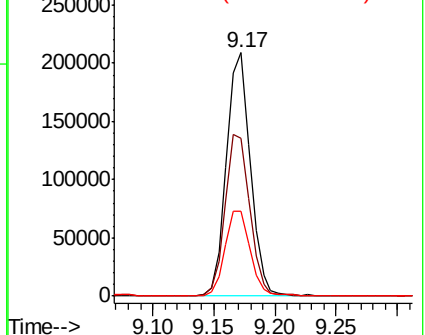
39 37.1 29.4 44.2

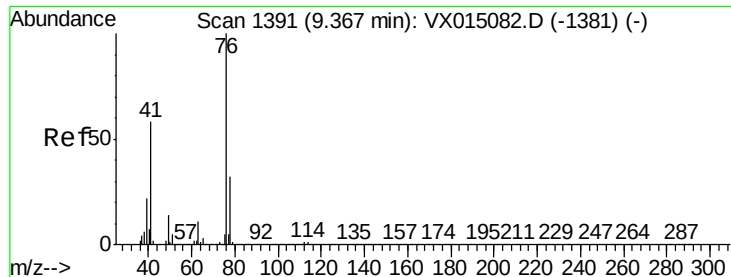


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.855 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

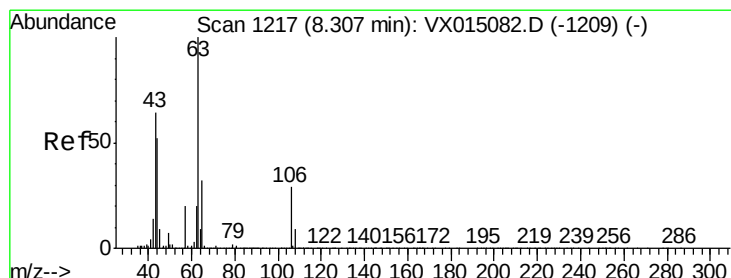
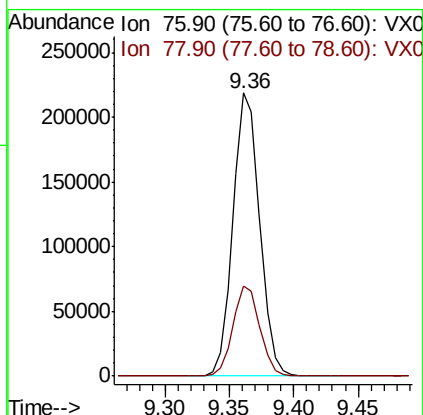
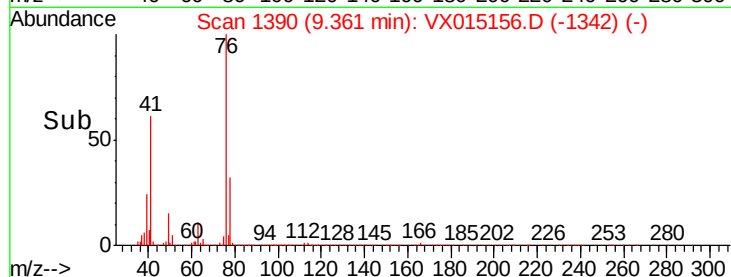
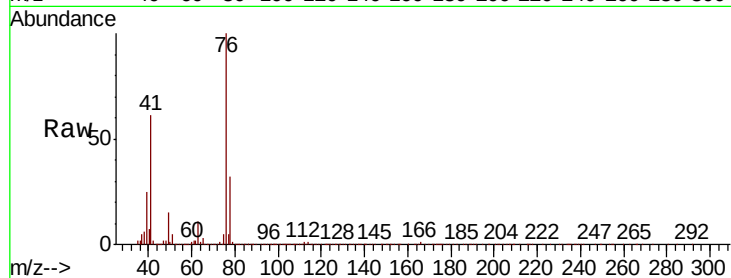
ClientSampleId :

Tot Ion: 76 Resp: 316184

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 275.733 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015156.D

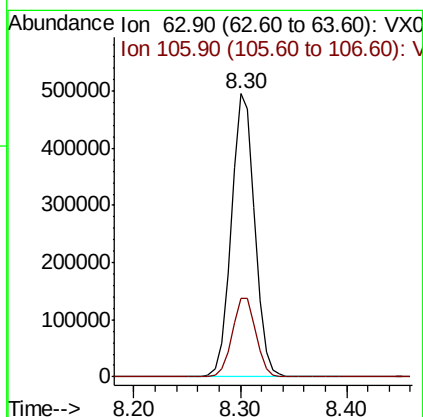
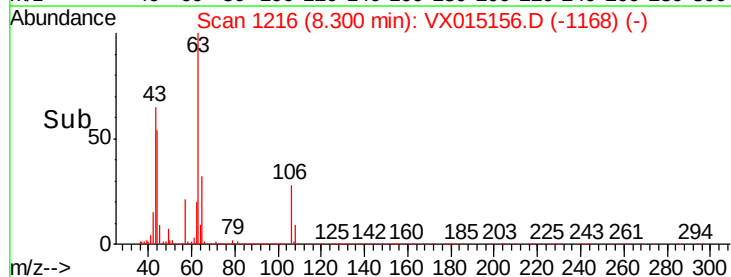
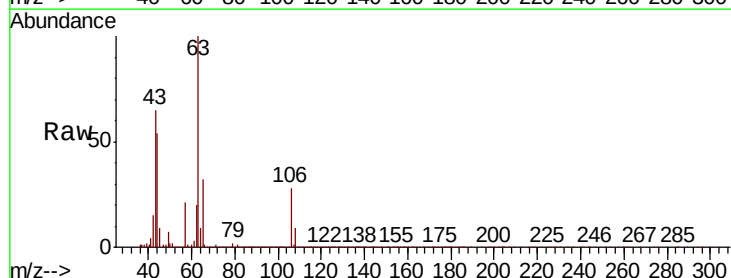
Acq: 10 Mar 2020 09:11

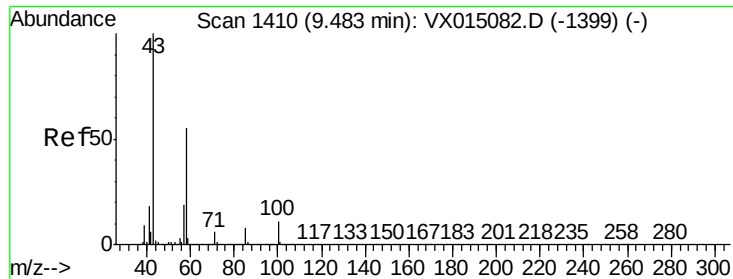
Tgt Ion: 63 Resp: 761856

Ion Ratio Lower Upper

63 100

106 28.3 22.8 34.2

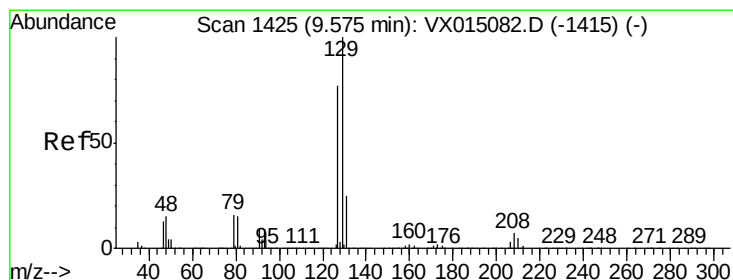
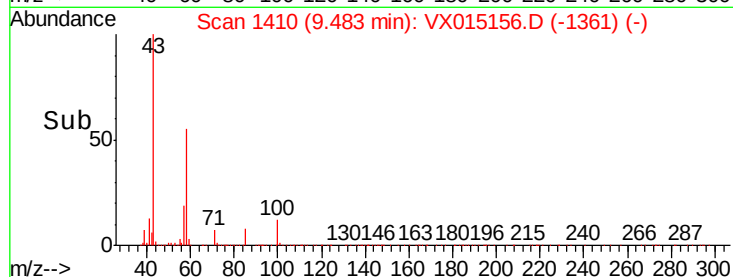
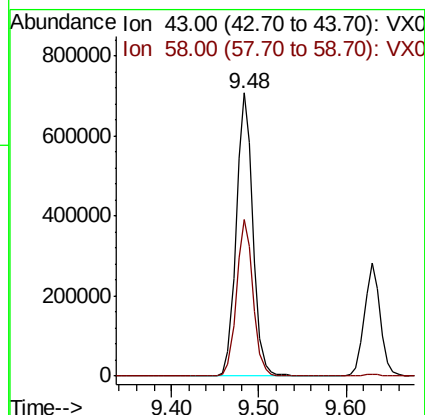
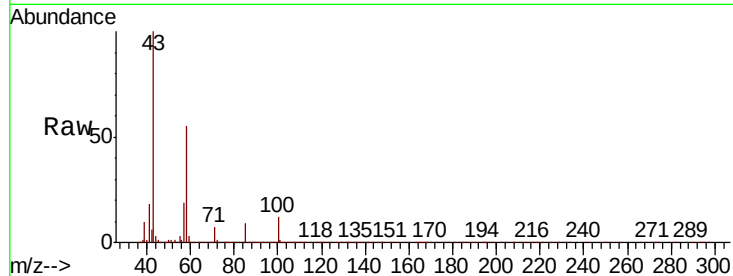




#59
2-Hexanone
Concen: 278.347 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

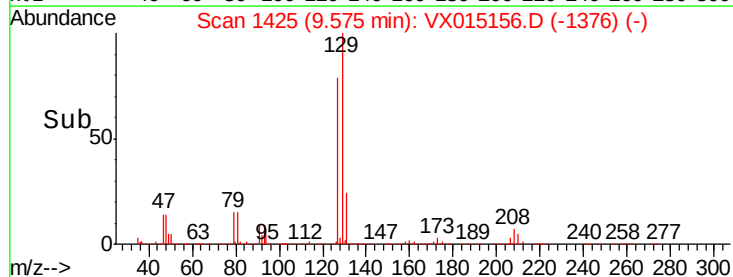
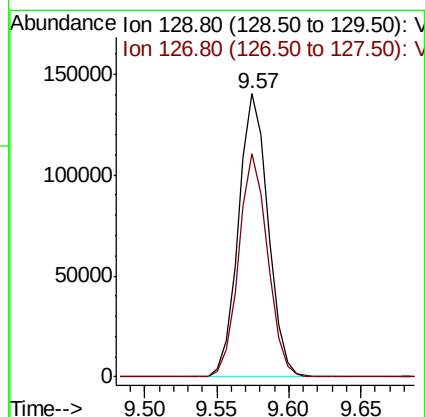
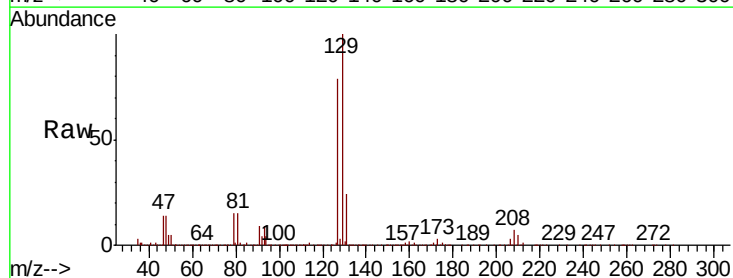
Instrument :
MSVOA_X
ClientSampleId :

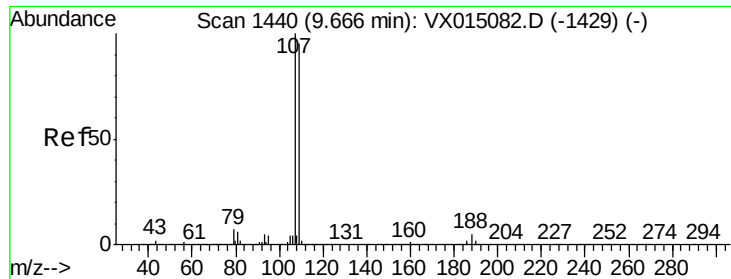
Tot Ion: 43 Resp: 947943
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 53.529 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion: 129 Resp: 199943
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.690 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

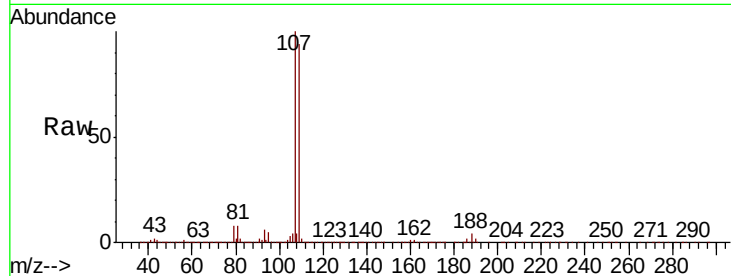
ClientSampleId :

Tot Ion:107 Resp: 193052

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

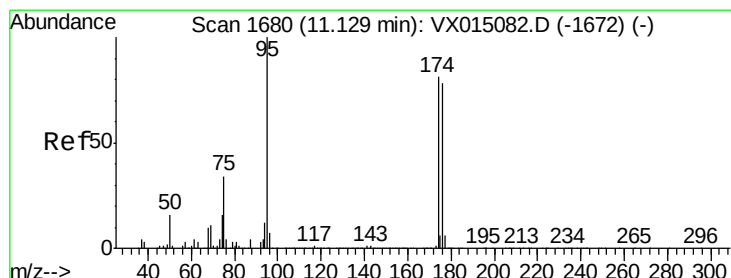
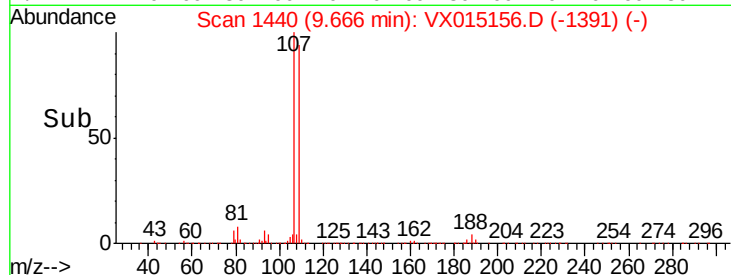
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.388 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

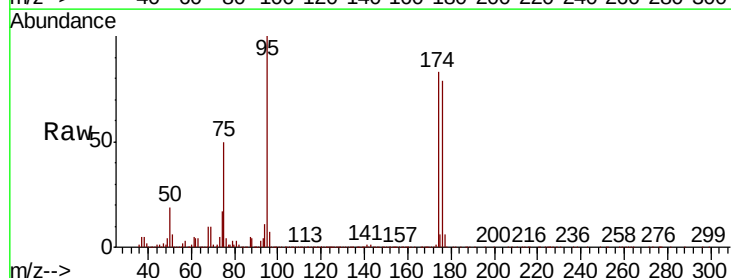
Tgt Ion: 95 Resp: 226593

Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.6

176 85.0 0.0 170.2



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

250000

200000

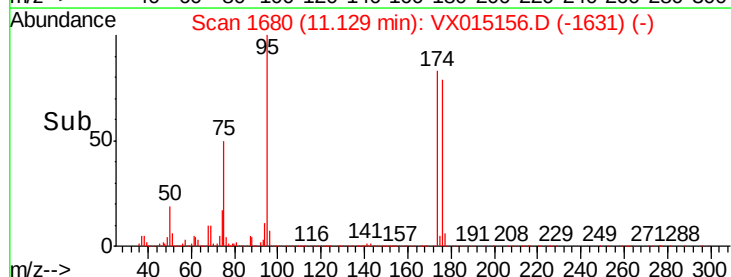
150000

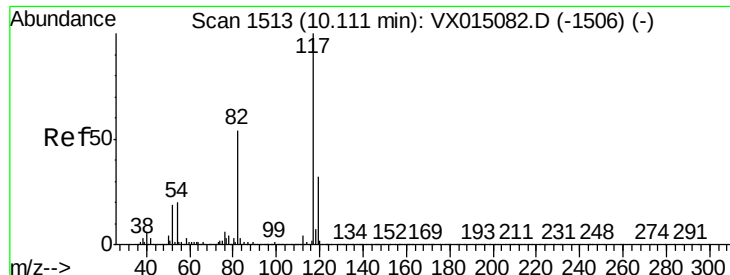
100000

50000

0

Time--> 11.10 11.20

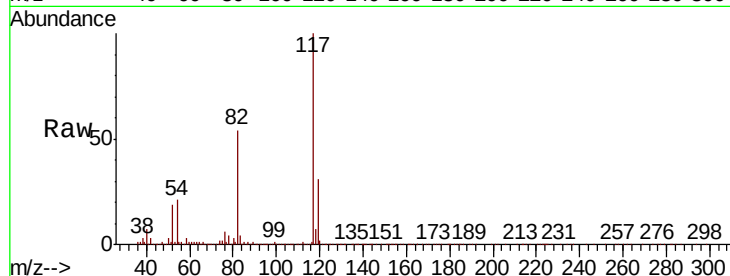




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.3	64.9
119	30.8	25.8	38.8

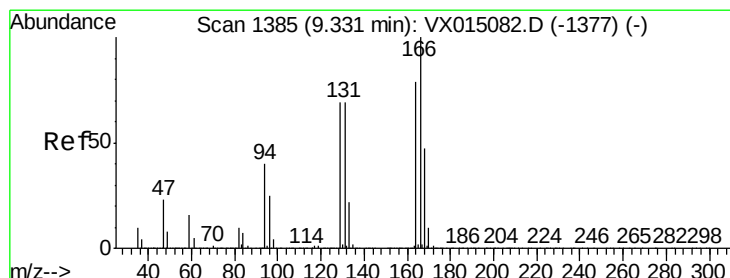
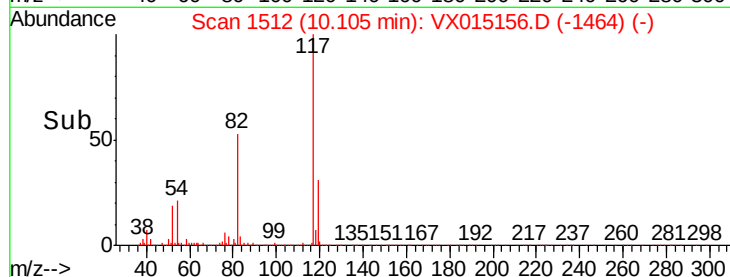
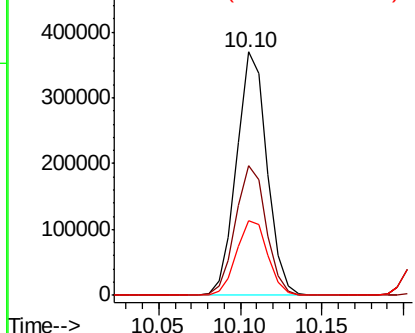


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.233 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	101.1	151.7
129	86.4	69.4	104.0
131	86.5	69.8	104.8

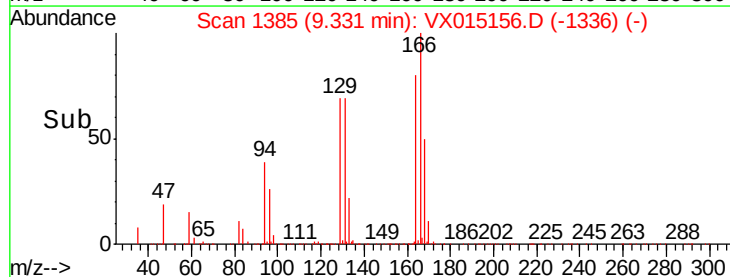
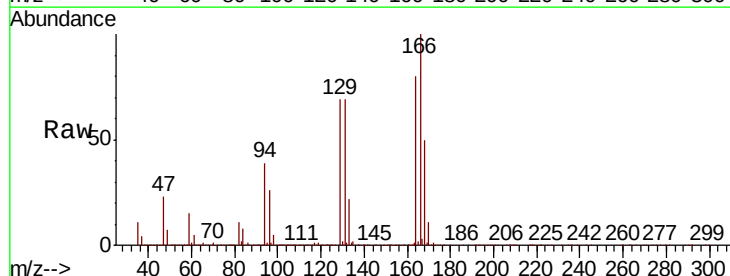
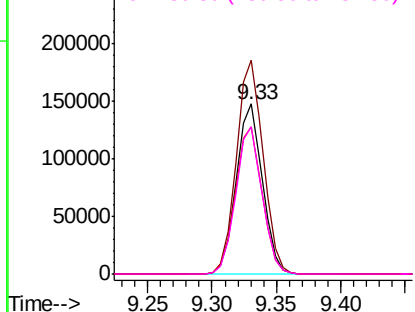
Abundance

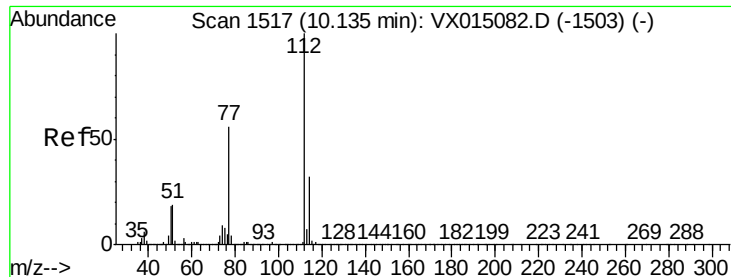
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 51.384 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

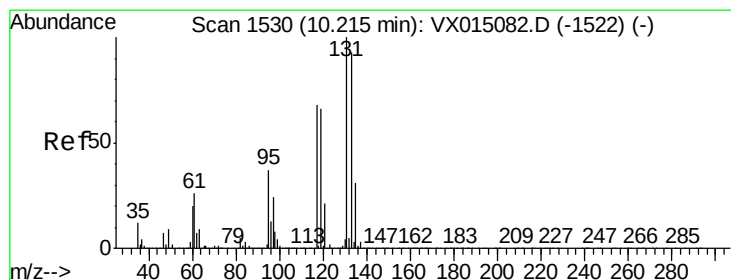
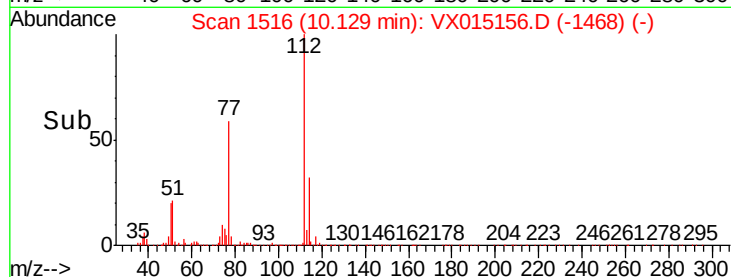
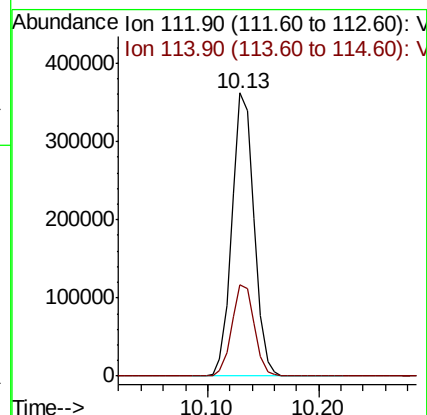
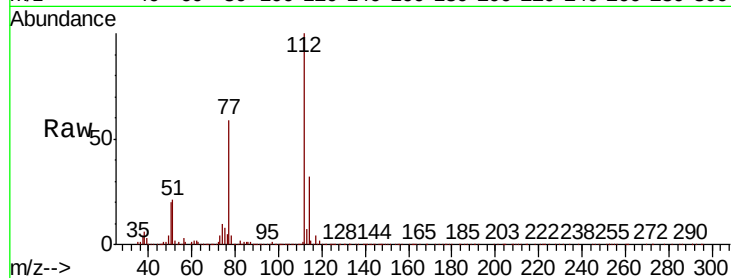
ClientSampleId :

Tot Ion:112 Resp: 497461

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.104 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

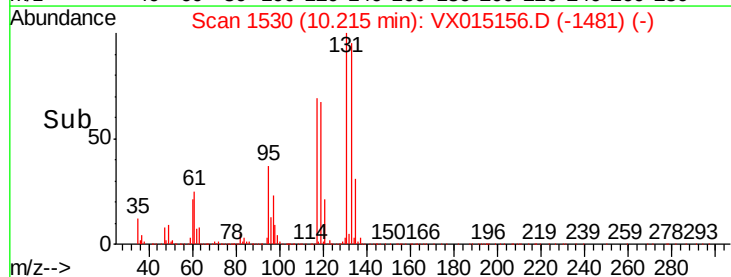
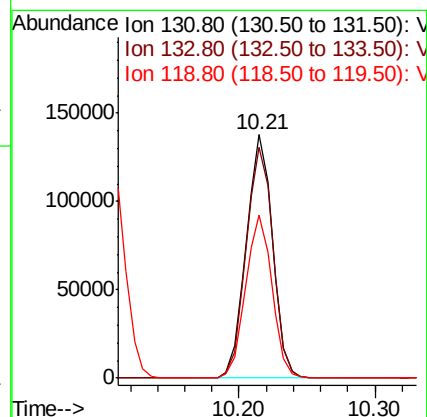
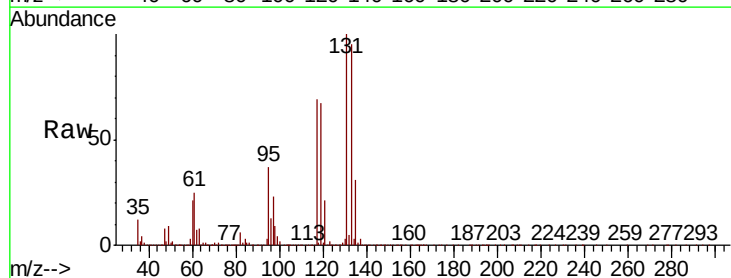
Tgt Ion:131 Resp: 186558

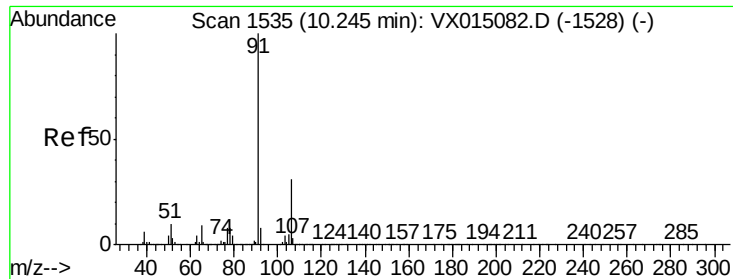
Ion Ratio Lower Upper

131 100

133 96.7 47.5 142.5

119 66.6 33.4 100.1





#67

Ethyl Benzene

Concen: 54.311 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

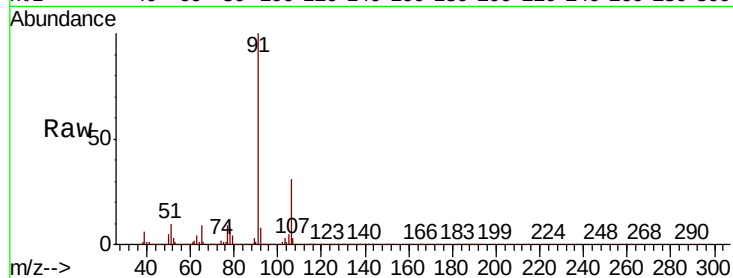
ClientSampleId :

Tot Ion: 91 Resp: 892854

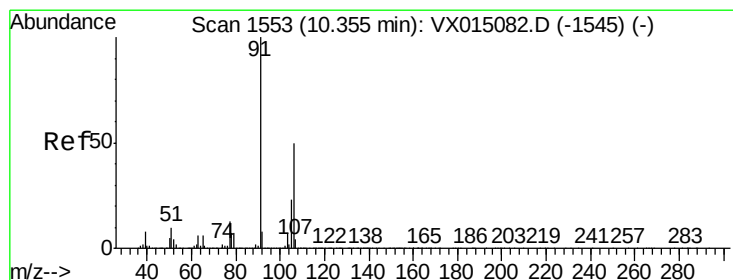
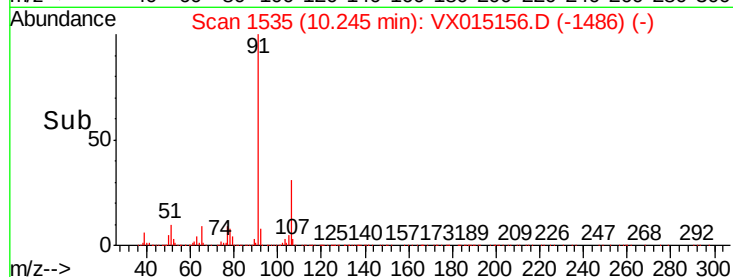
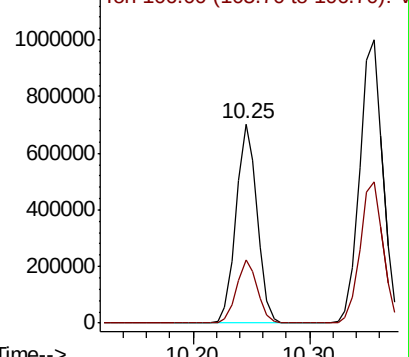
Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1528) (-)



#68

m/p-Xylenes

Concen: 109.342 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015156.D

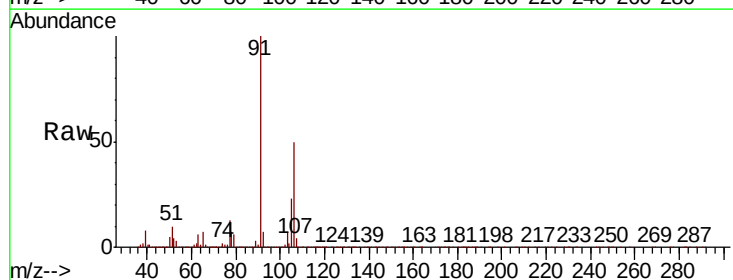
Acq: 10 Mar 2020 09:11

Tgt Ion: 106 Resp: 683908

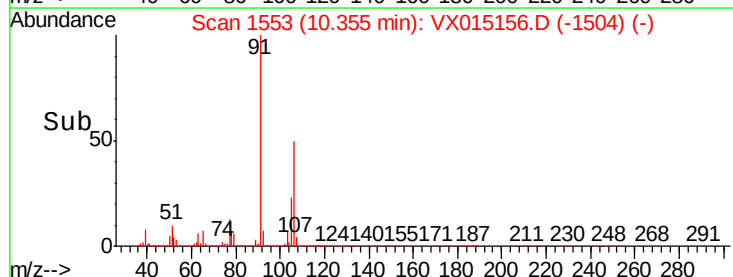
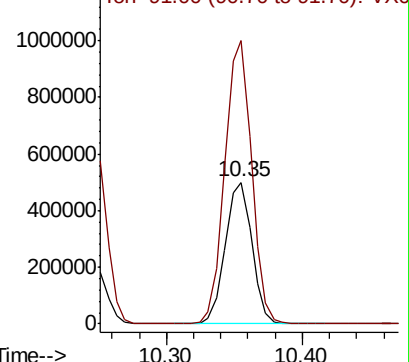
Ion Ratio Lower Upper

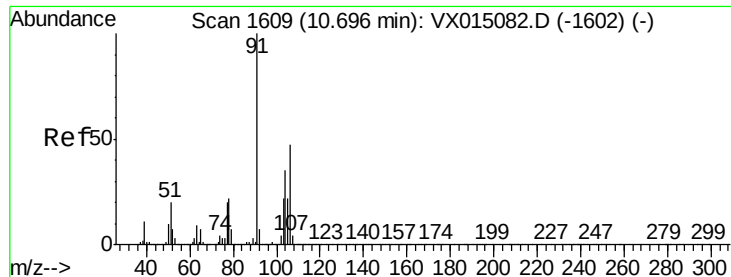
106 100

91 200.8 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VX015082.D (-1545) (-)

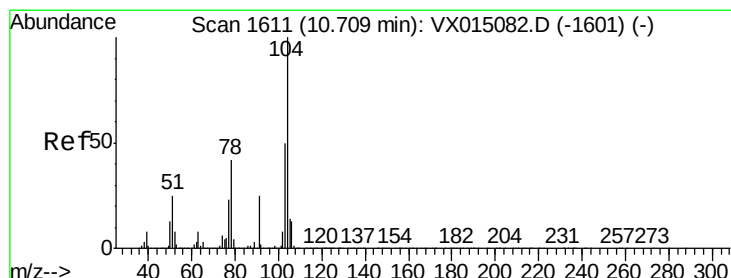
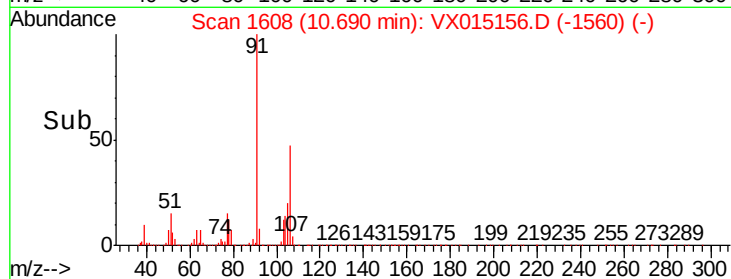
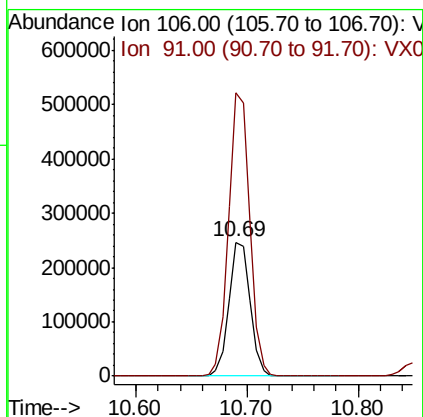
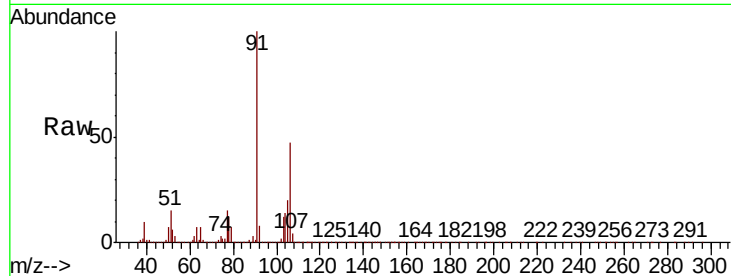




#69
o-Xylene
Concen: 54.118 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

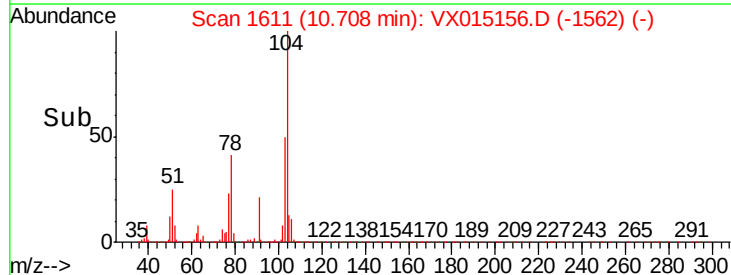
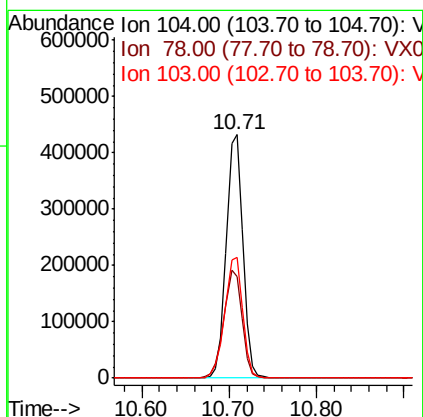
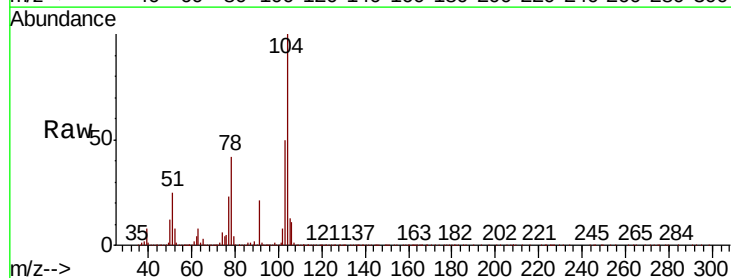
Instrument :
MSVOA_X
ClientSampled :

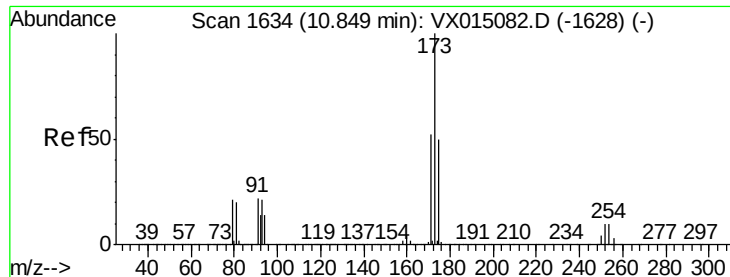
Tot Ion:106 Resp: 324085
Ion Ratio Lower Upper
106 100
91 211.5 105.4 316.1



#70
Styrene
Concen: 55.686 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion:104 Resp: 571778
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 53.1 43.7 65.5

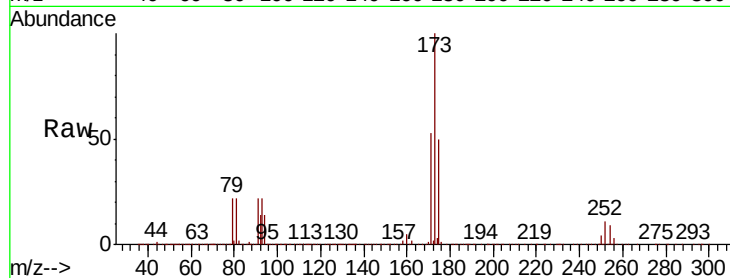




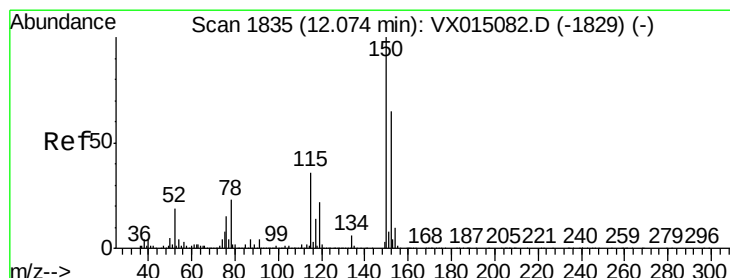
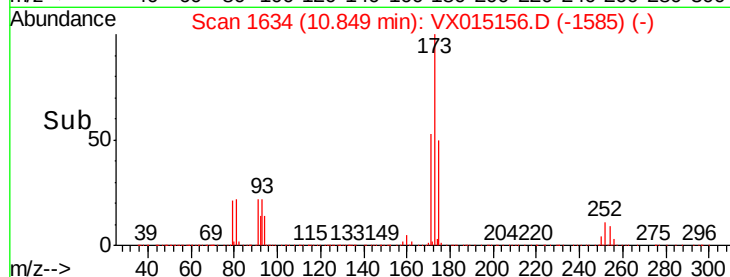
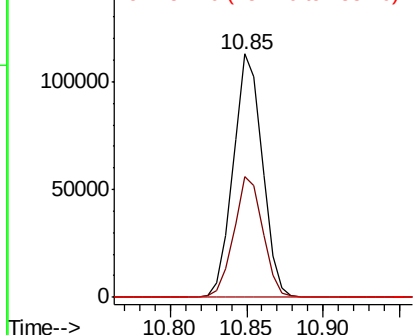
#71
Bromoform
Concen: 52.542 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.9	74.7
254	0.2	0.2	0.2

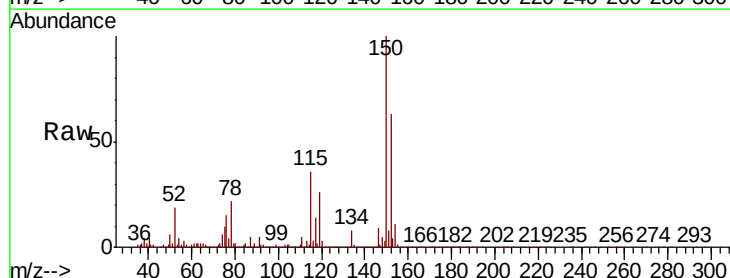


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

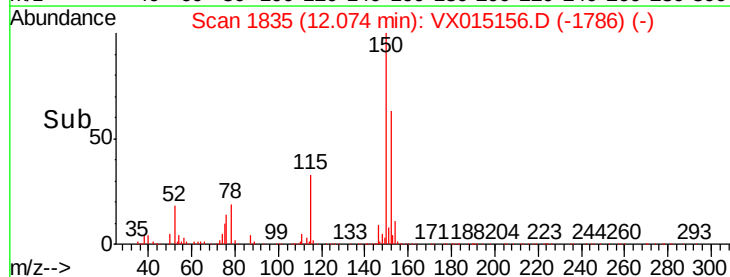
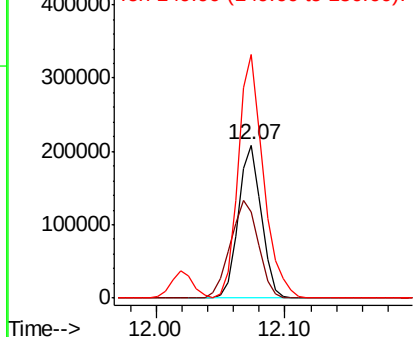


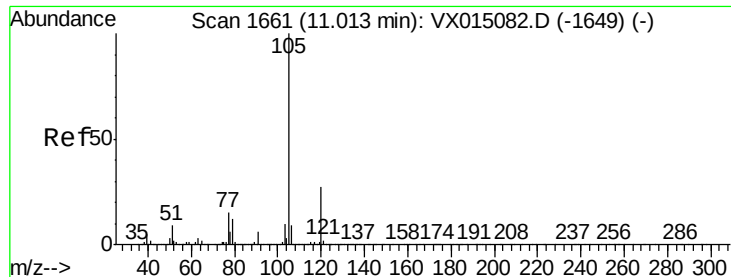
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.9	38.2	114.6
150	175.3	0.0	343.8



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: 53.517 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

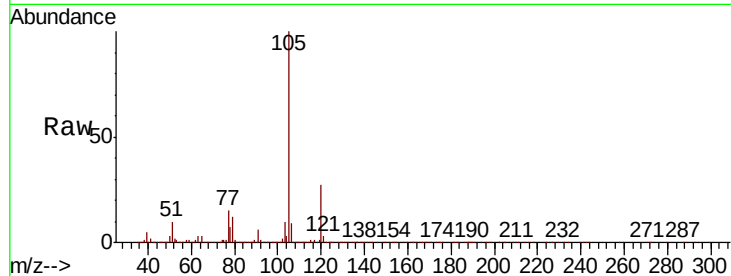
ClientSampleId :

Tot Ion:105 Resp: 874983

Ion Ratio Lower Upper

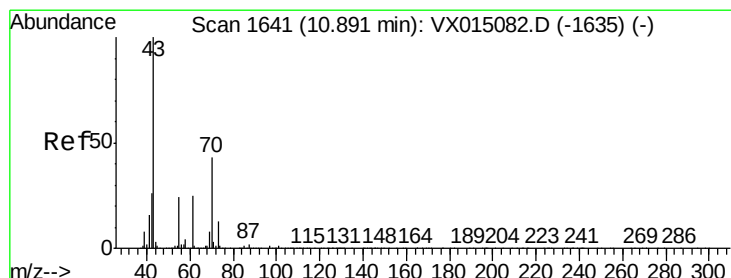
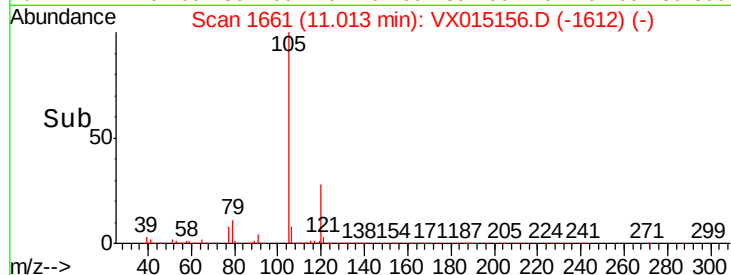
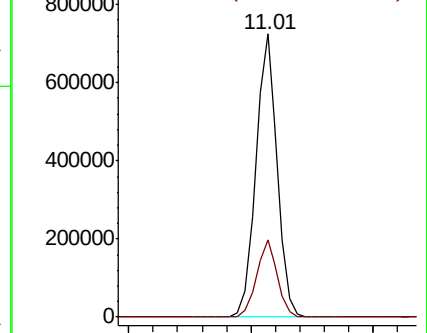
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.379 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Tgt Ion: 43 Resp: 347127

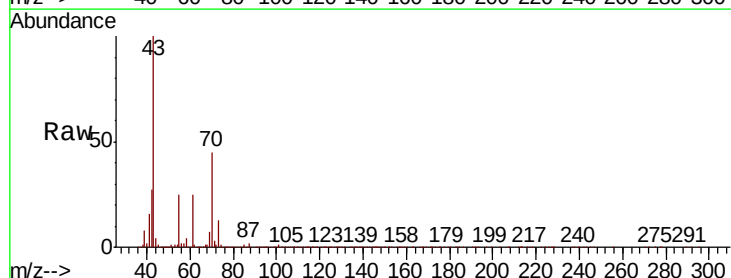
Ion Ratio Lower Upper

43 100

70 43.4 34.7 52.1

55 24.3 19.4 29.0

61 25.1 19.0 28.6

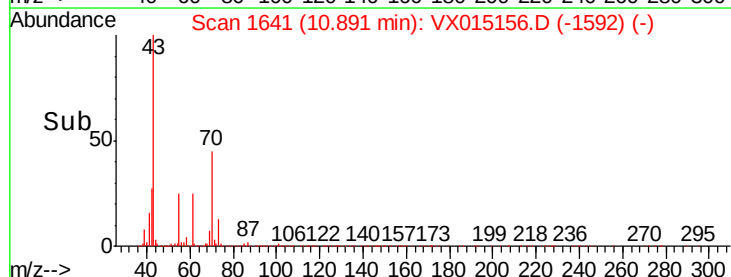
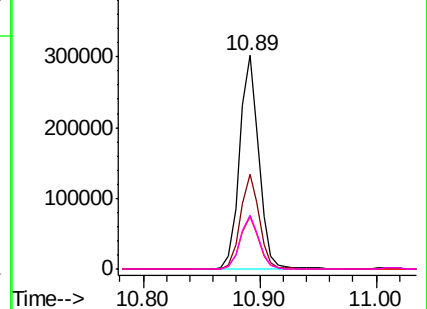


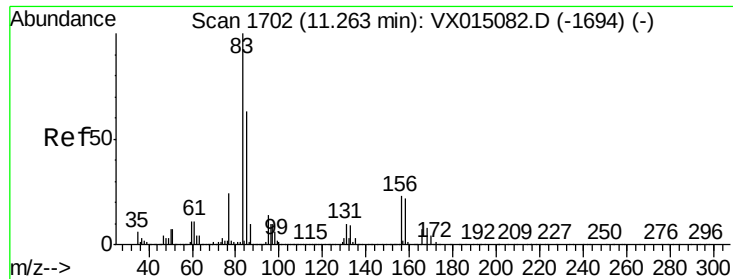
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.240 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

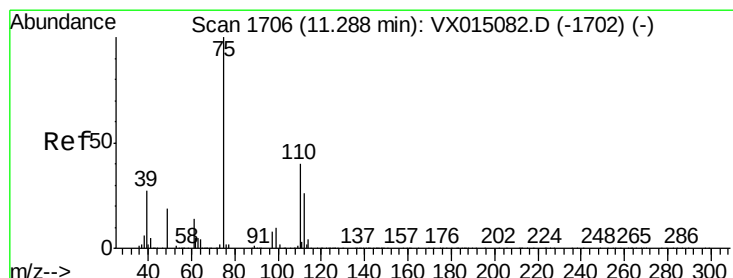
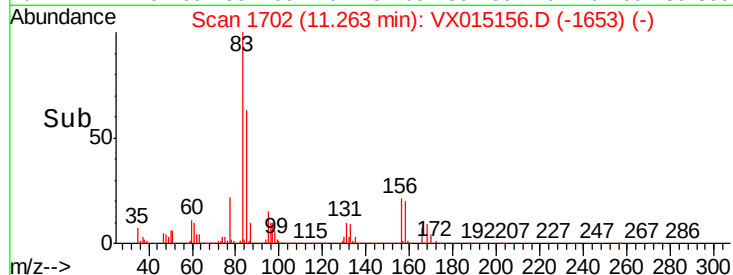
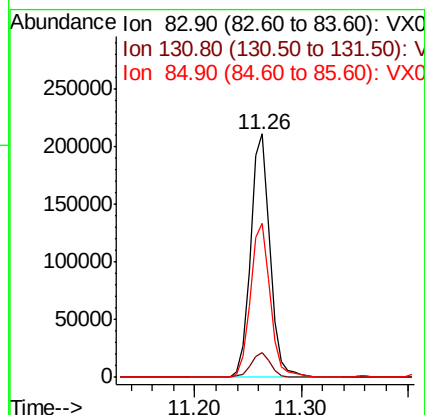
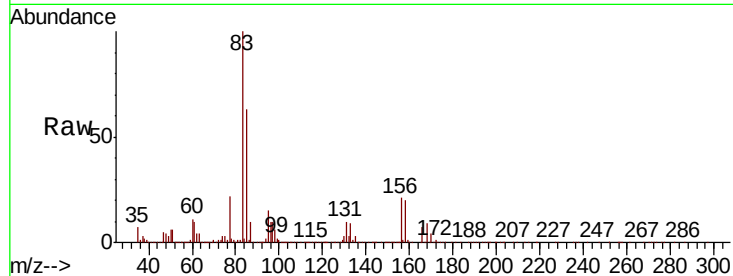
Tot Ion: 83 Resp: 268299

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 60.156 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015156.D

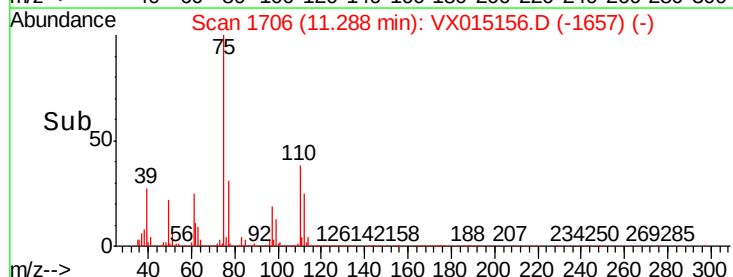
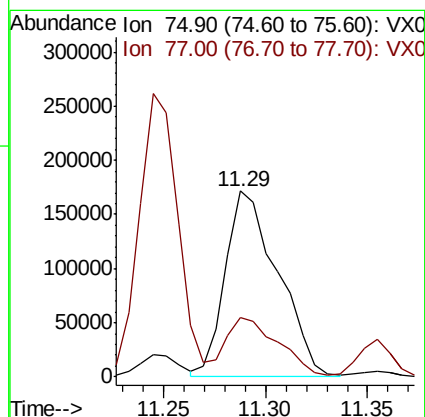
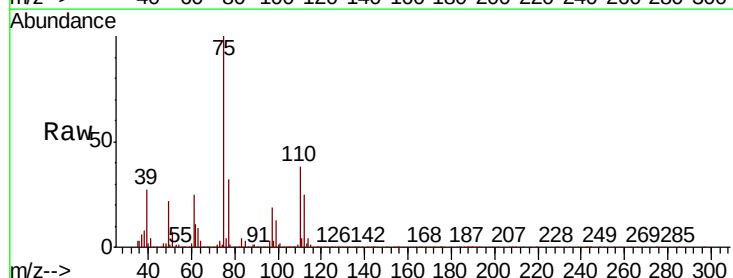
Acq: 10 Mar 2020 09:11

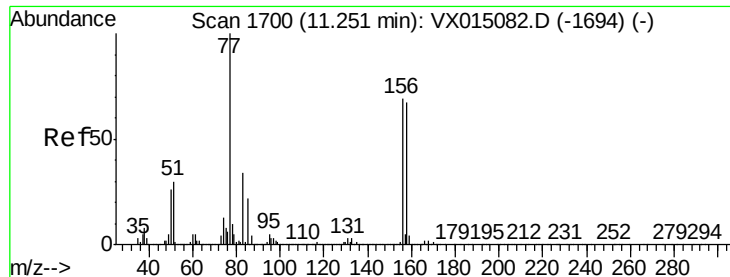
Tgt Ion: 75 Resp: 307114

Ion Ratio Lower Upper

75 100

77 32.3 22.6 67.8





#77

Bromobenzene

Concen: 50.153 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

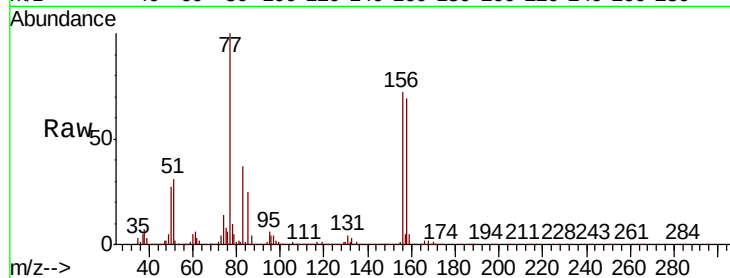
Tot Ion:156 Resp: 228521

Ion Ratio Lower Upper

156 100

77 150.3 75.3 225.9

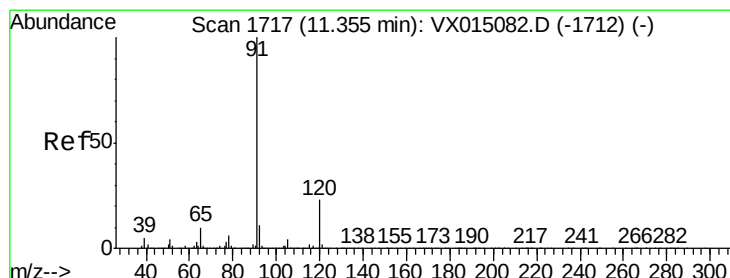
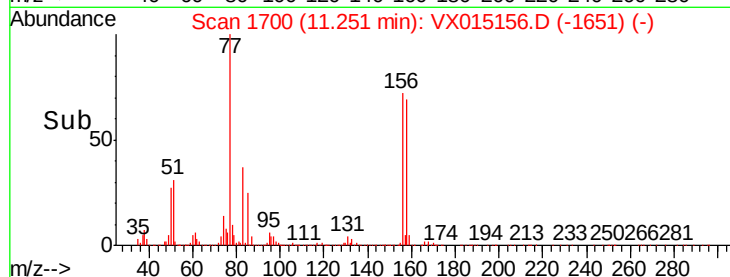
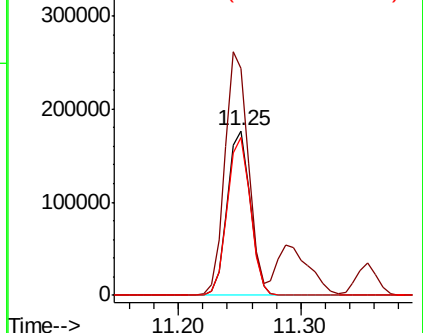
158 96.6 48.5 145.6



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: 54.500 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015156.D

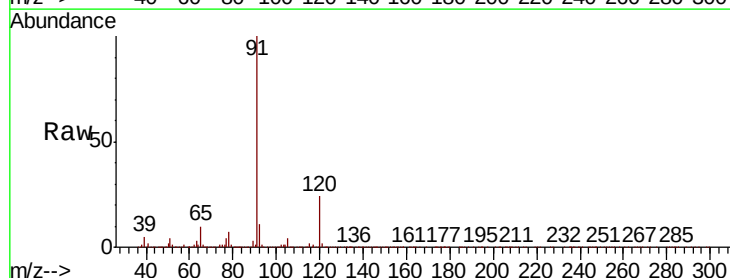
Acq: 10 Mar 2020 09:11

Tgt Ion: 91 Resp: 1017999

Ion Ratio Lower Upper

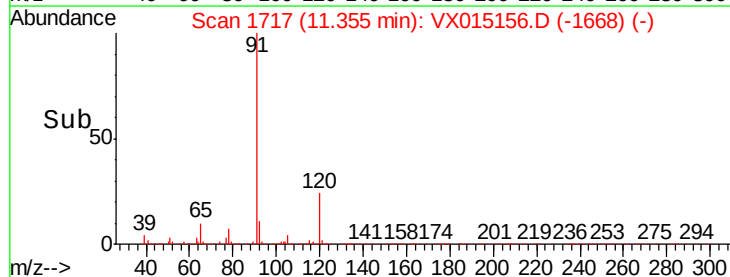
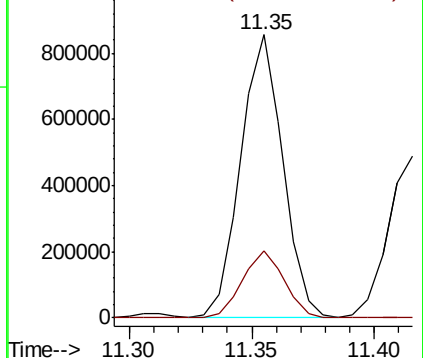
91 100

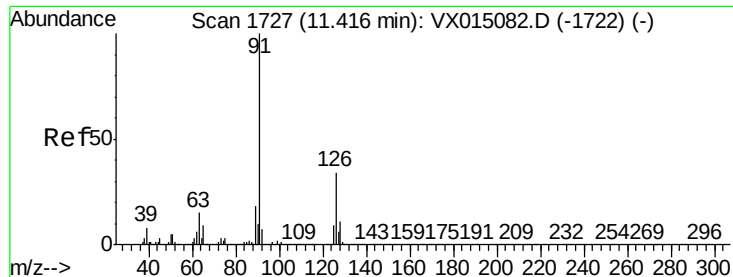
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.634 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

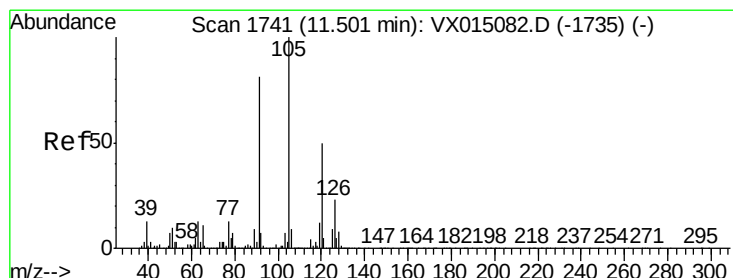
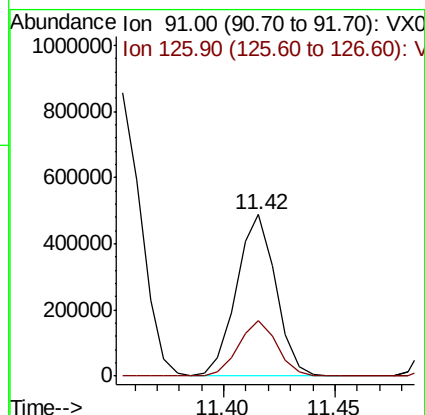
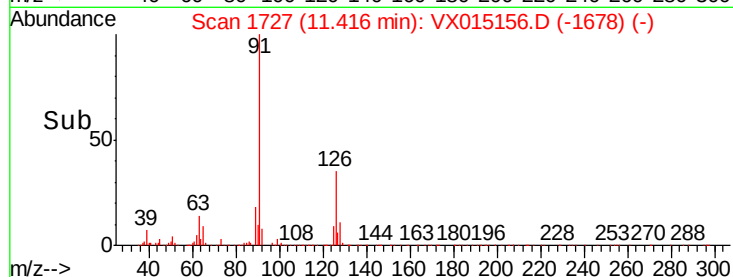
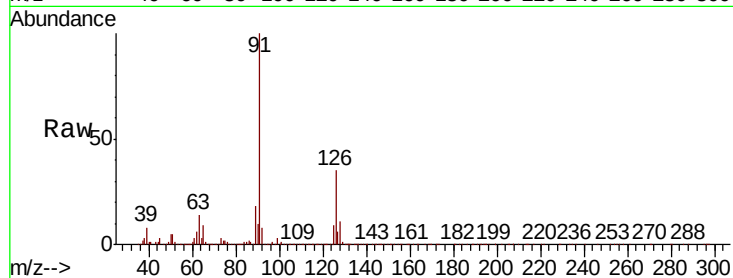
ClientSampleId :

Tot Ion: 91 Resp: 598283

Ion Ratio Lower Upper

91 100

126 34.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 54.920 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015156.D

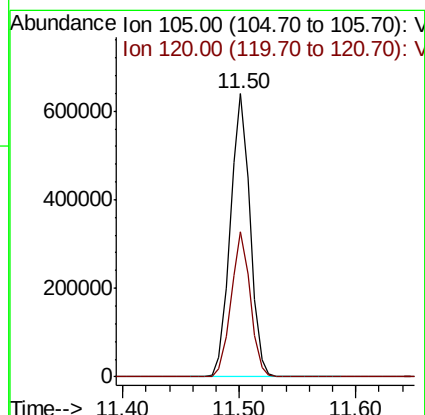
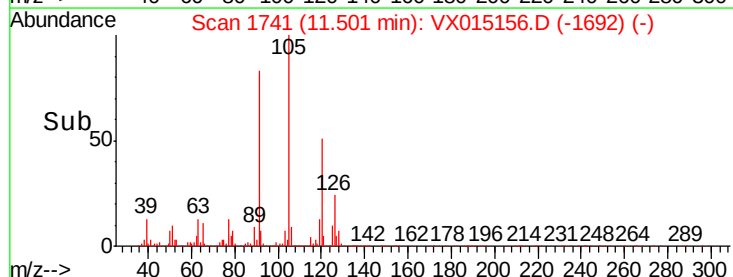
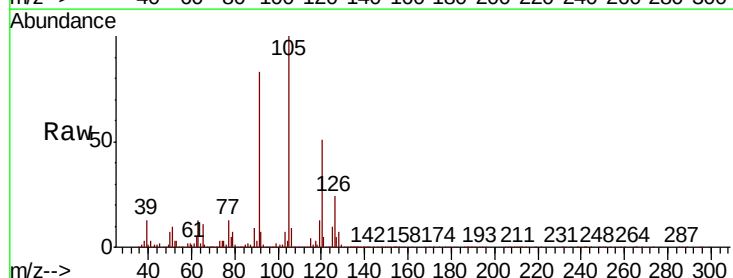
Acq: 10 Mar 2020 09:11

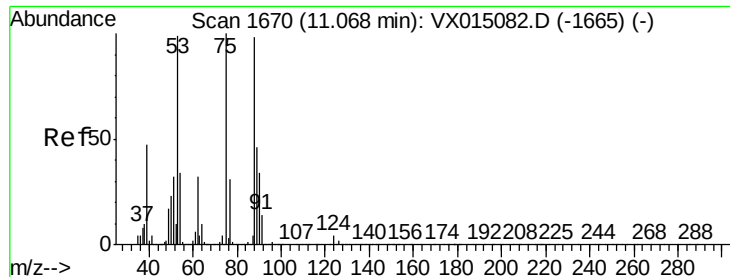
Tgt Ion: 105 Resp: 747482

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.4

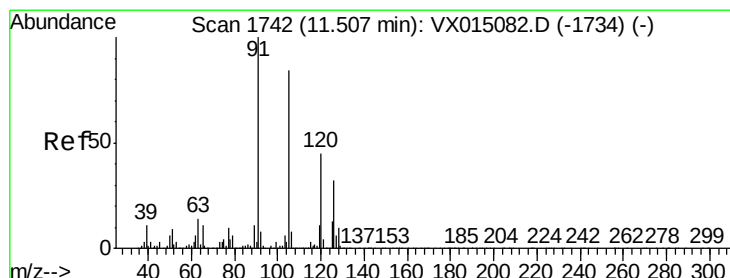
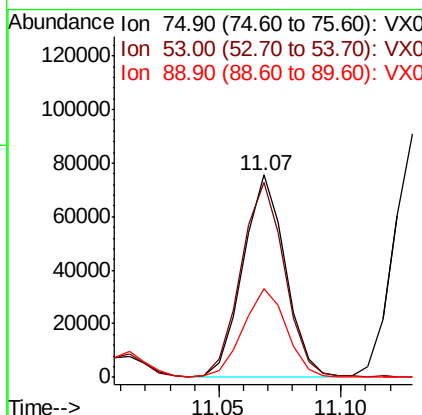
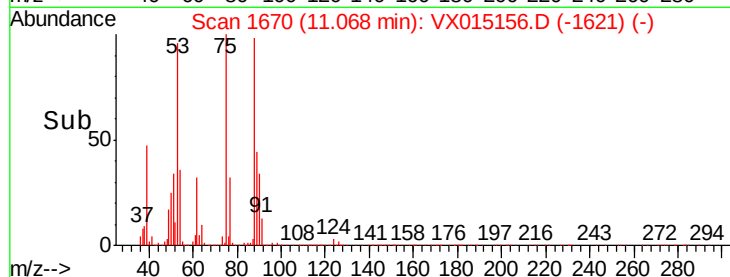
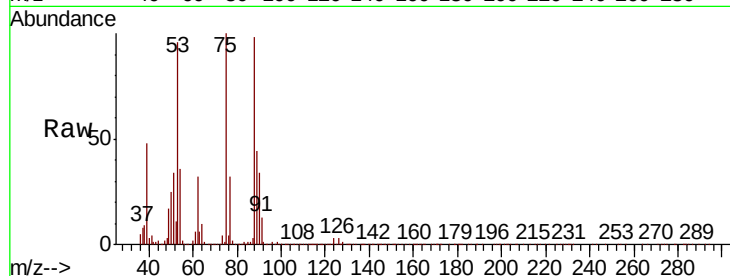




#81
trans-1,4-Dichloro-2-butene
Concen: 50.023 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

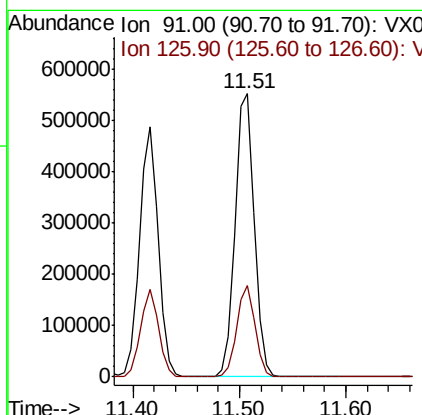
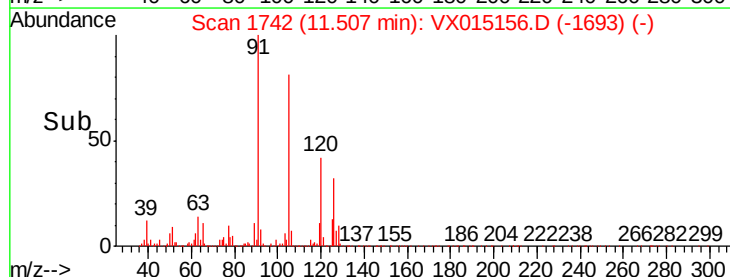
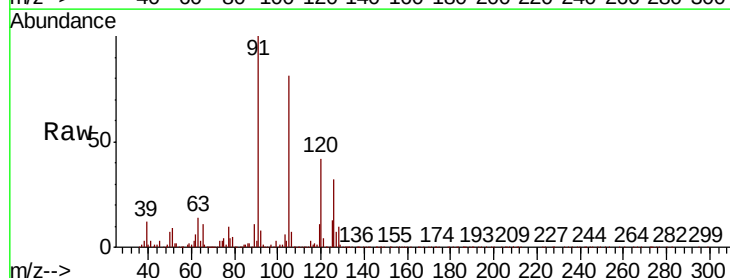
Instrument :
MSVOA_X
ClientSampleId :

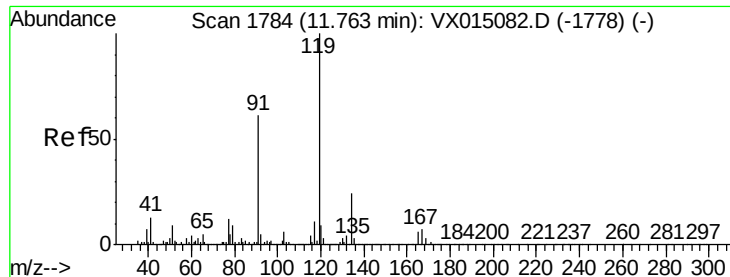
Tot Ion: 75 Resp: 89985
Ion Ratio Lower Upper
75 100
53 99.8 77.9 116.9
89 45.8 36.2 54.2



#82
4-Chlorotoluene
Concen: 53.161 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion: 91 Resp: 700601
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2

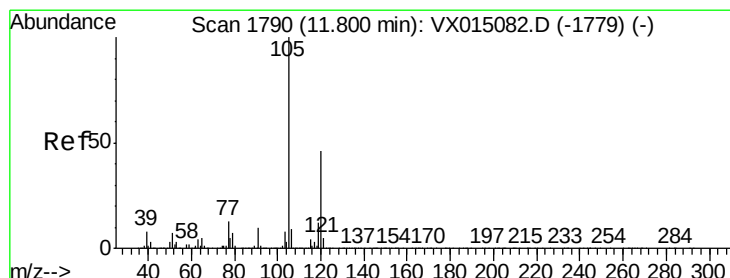
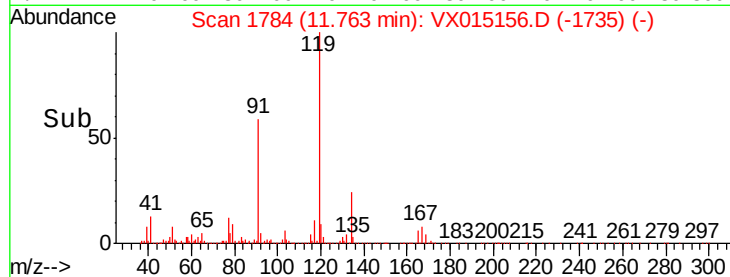
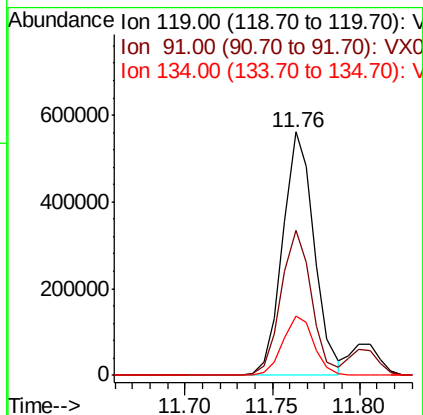
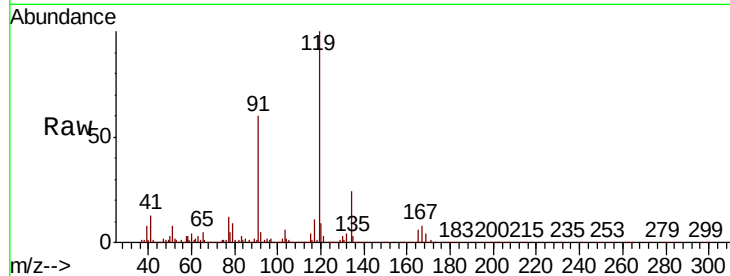




#83
 tert-Butylbenzene
 Concen: 53.692 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

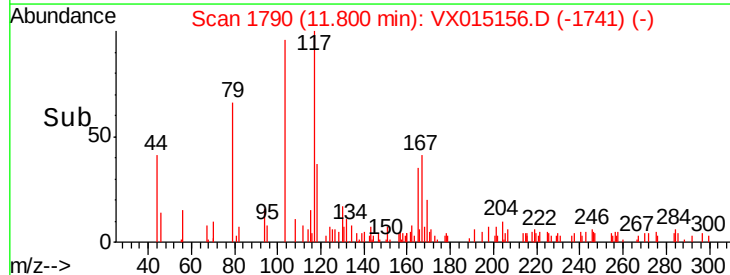
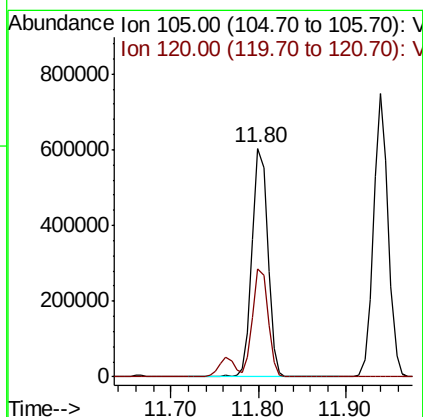
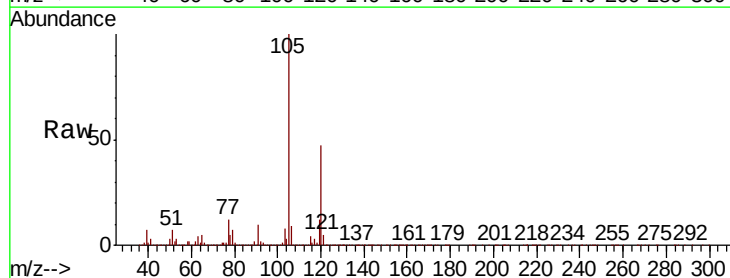
Instrument :
 MSVOA_X
 ClientSampleId :

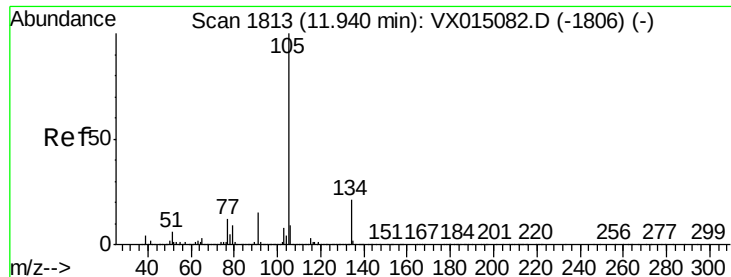
Tot Ion:119 Resp: 706606
 Ion Ratio Lower Upper
 119 100
 91 57.7 28.5 85.6
 134 24.1 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.551 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion:105 Resp: 745888
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.5





#85

sec-Butylbenzene

Concen: 55.420 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

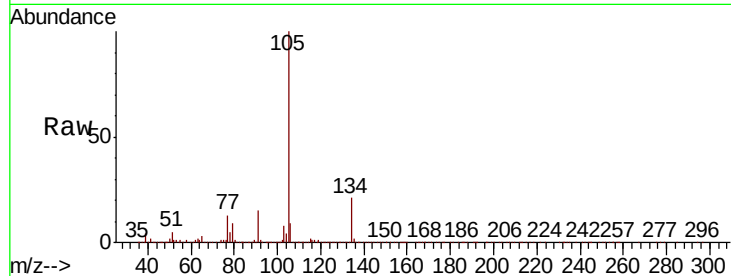
ClientSampleId :

Tot Ion:105 Resp: 880442

Ion Ratio Lower Upper

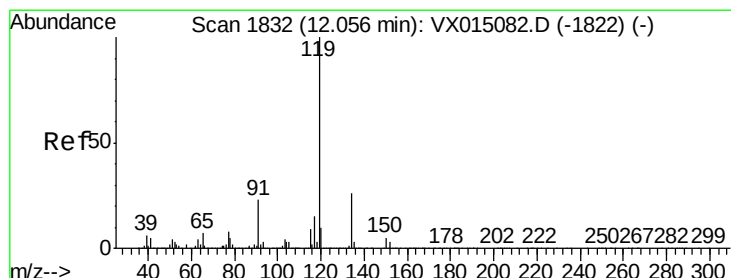
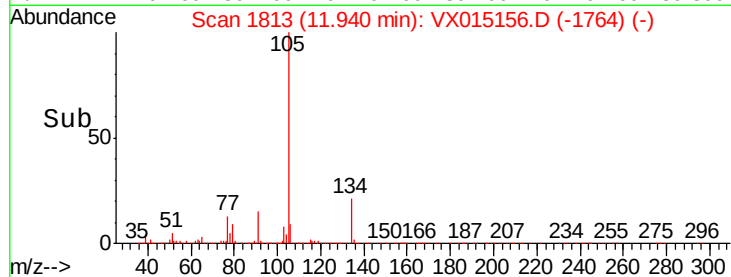
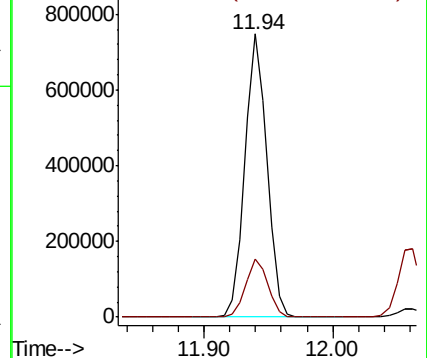
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.753 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

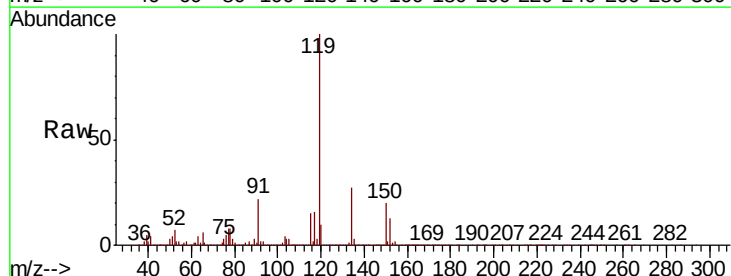
Tgt Ion:119 Resp: 816049

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

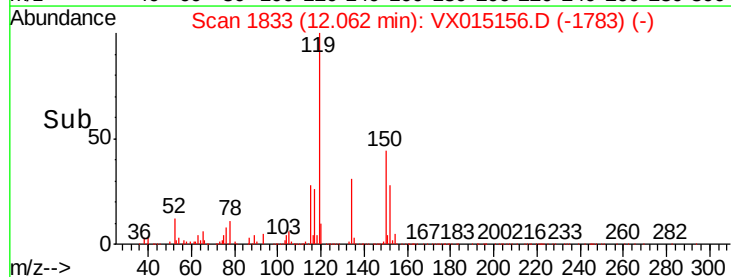
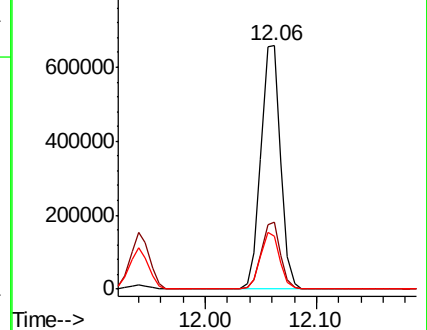
91 22.7 11.3 33.8

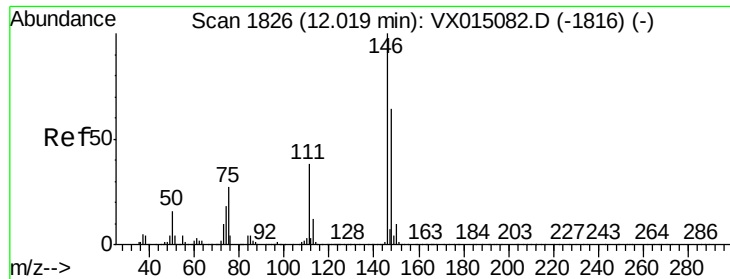


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

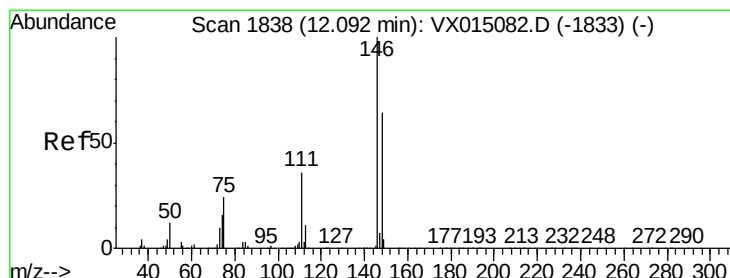
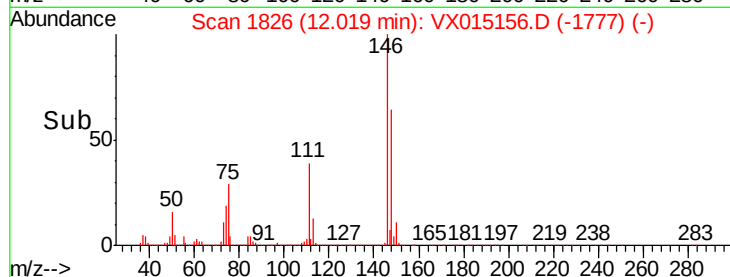
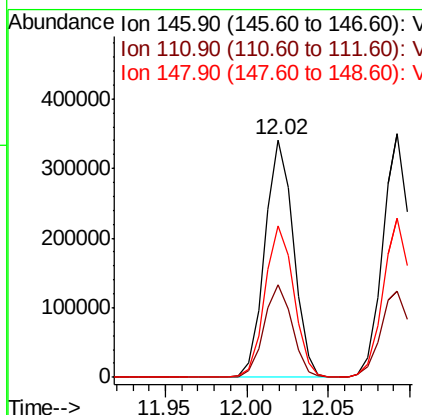
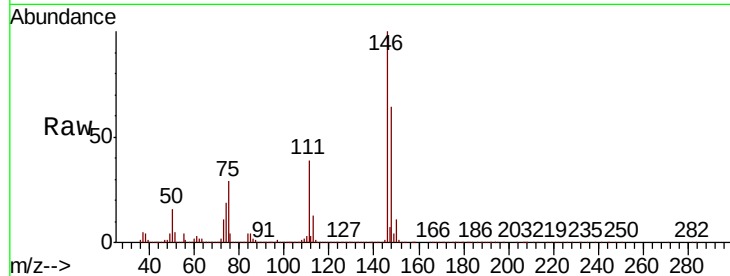




#87
 1,3-Dichlorobenzene
 Concen: 51.467 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

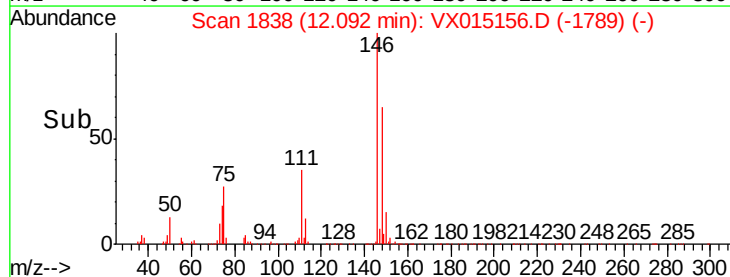
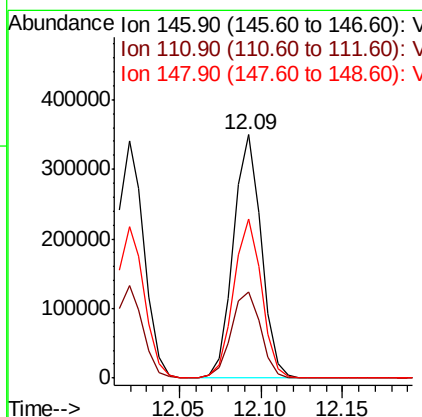
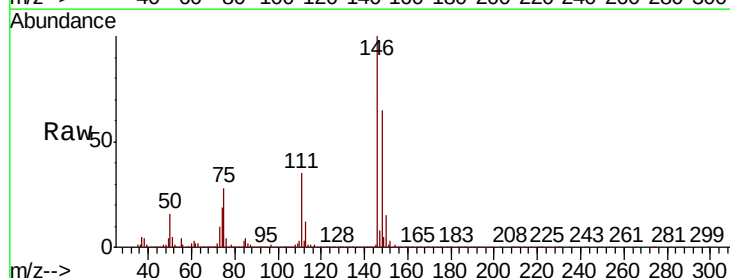
Instrument :
 MSVOA_X
 ClientSampled :

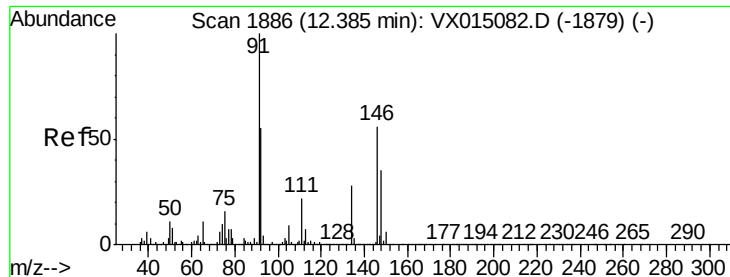
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.069 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	65.5	32.5	97.4





#89

n-Butylbenzene

Concen: 56.746 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA_X

ClientSampled :

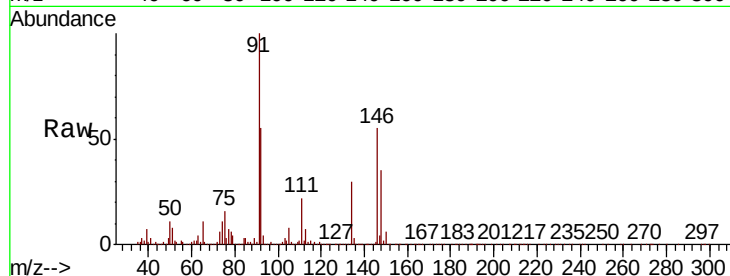
Tot Ion: 91 Resp: 738718

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

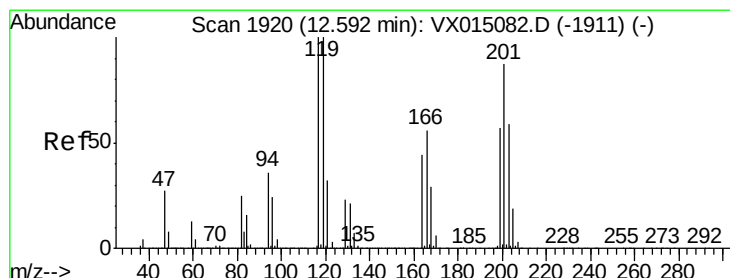
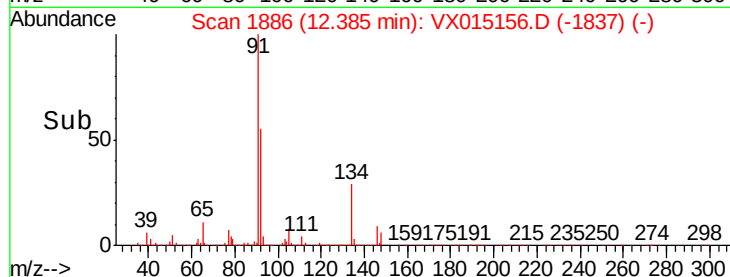
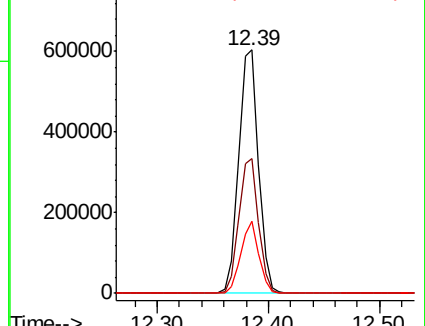
134 27.2 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX015082.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX015082.D (-1879) (-)



#90

Hexachloroethane

Concen: 52.220 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015156.D

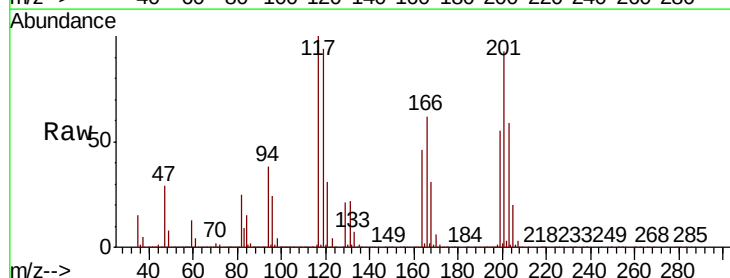
Acq: 10 Mar 2020 09:11

Tgt Ion: 117 Resp: 144501

Ion Ratio Lower Upper

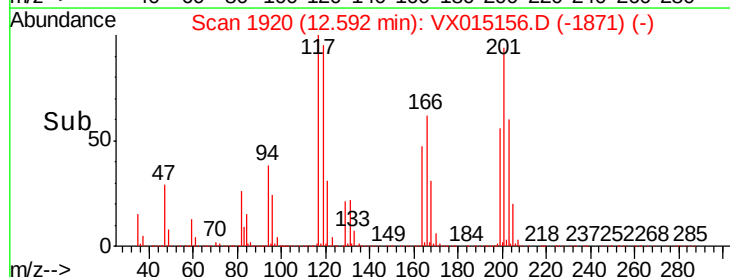
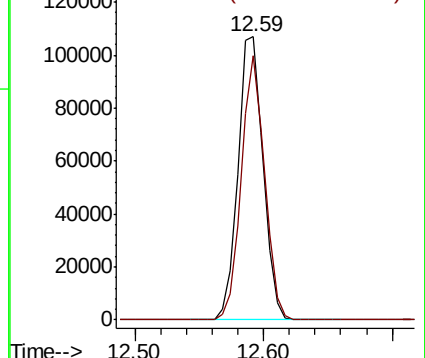
117 100

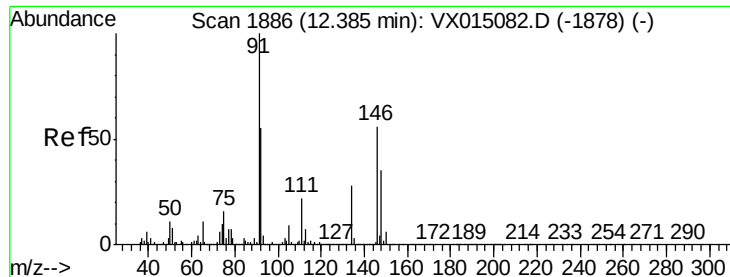
201 86.3 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): VX015082.D (-1911) (-)

Ion 200.70 (200.40 to 201.40): VX015082.D (-1911) (-)

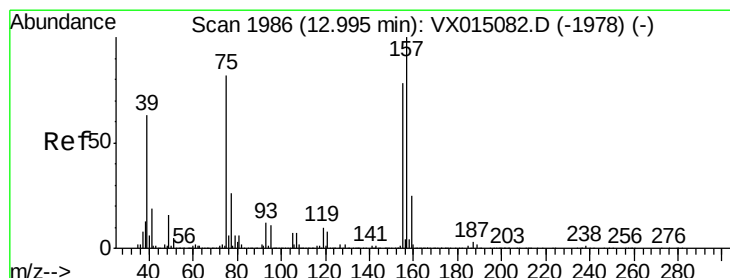
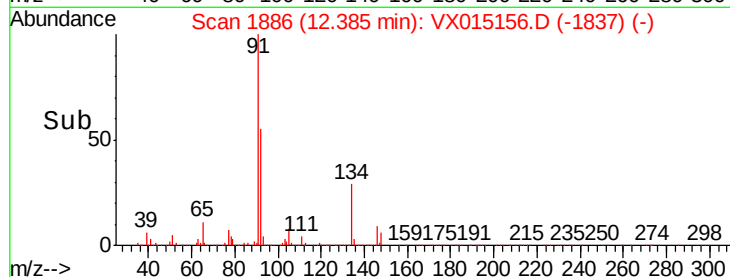
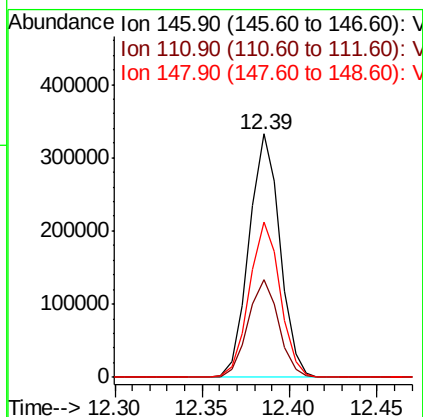
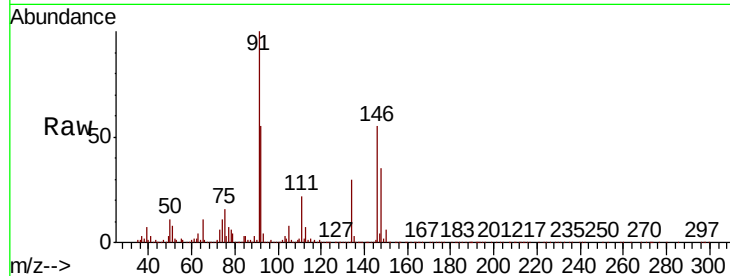




#91
 1,2-Dichlorobenzene
 Concen: 51.152 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

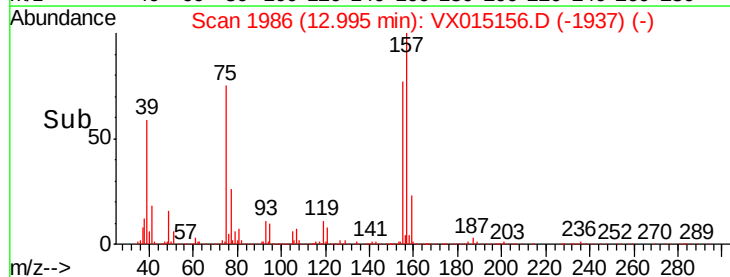
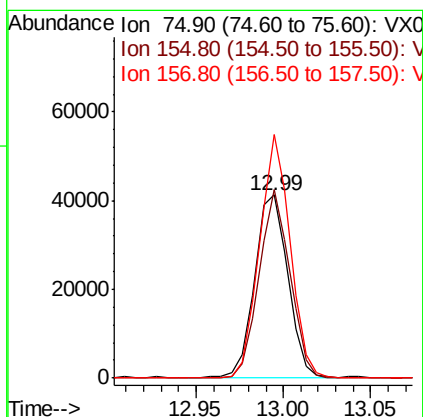
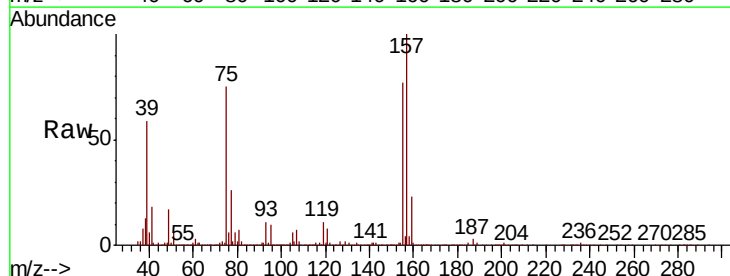
Instrument :
 MSVOA_X
 ClientSampleId :

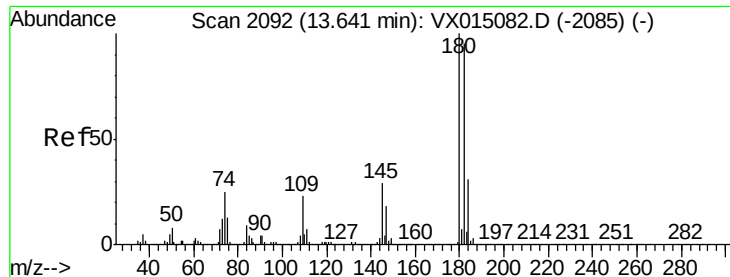
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	63.9	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.809 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	46.6	139.7
157	123.3	59.2	177.5

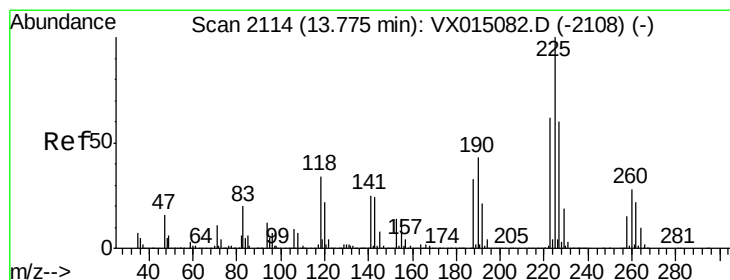
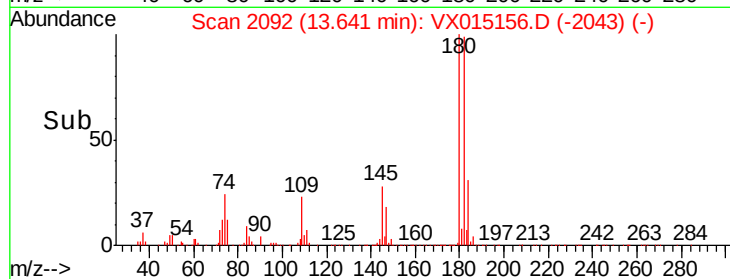
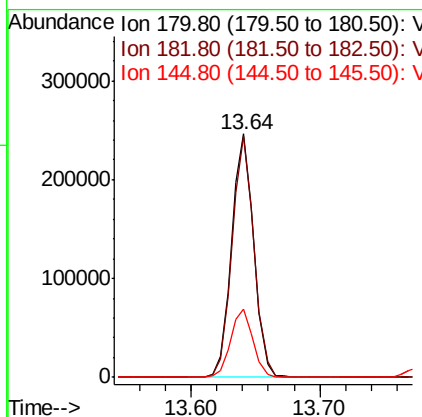
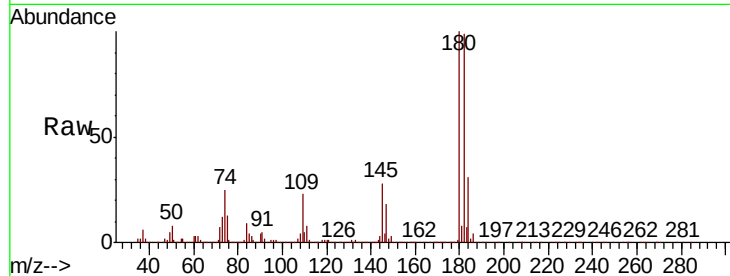




#93
 1,2,4-Trichlorobenzene
 Concen: 53.662 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

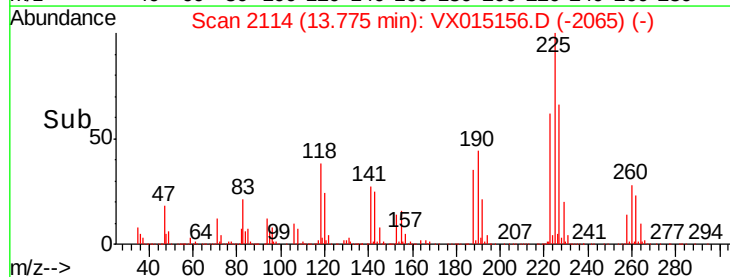
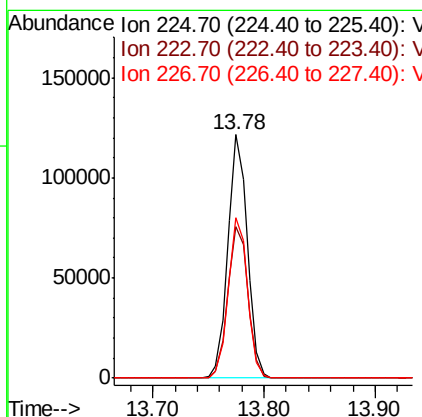
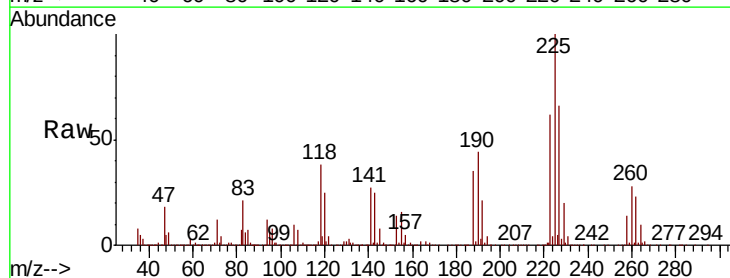
Instrument :
 MSVOA_X
 ClientSampleId :

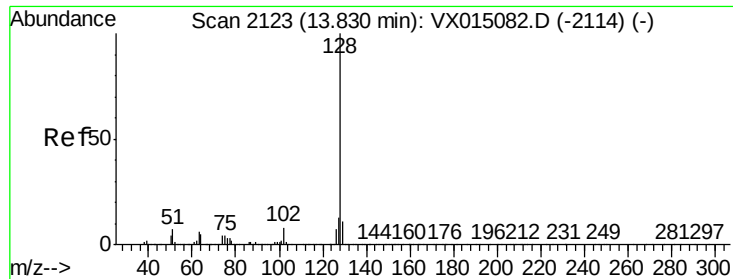
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.6	142.8
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 51.619 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015156.D
 Acq: 10 Mar 2020 09:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.3	93.9
227	65.1	31.1	93.2

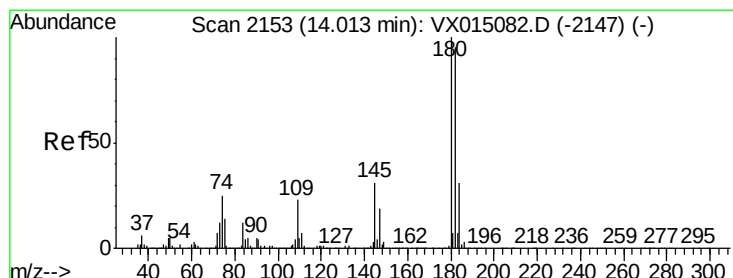
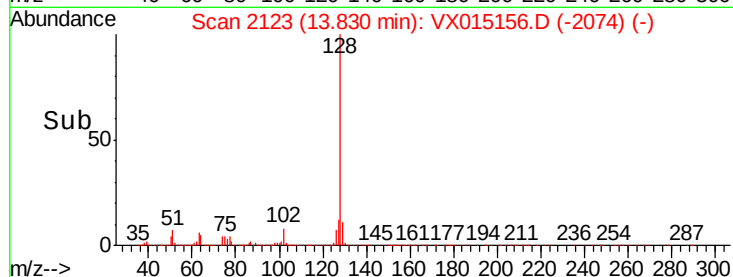
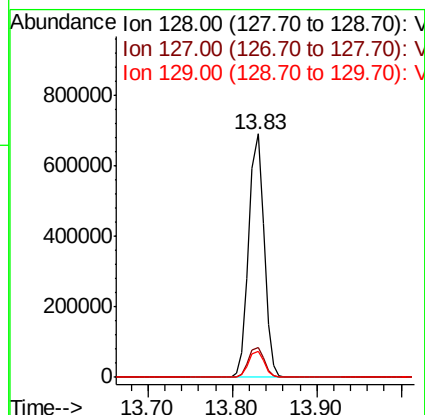
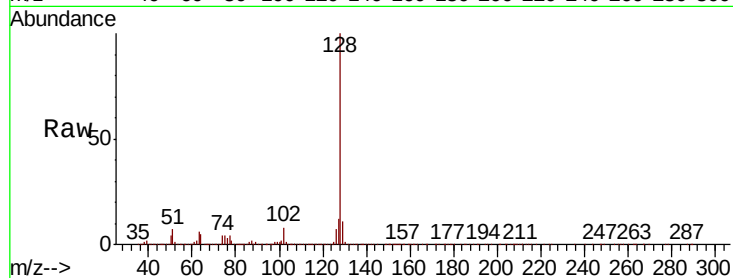




#95
Naphthalene
Concen: 49.389 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 836411
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.135 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015156.D
Acq: 10 Mar 2020 09:11

Tgt Ion:180 Resp: 298573
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.4
145 30.5 15.1 45.3

