

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015158.D
 Acq On : 10 Mar 2020 10:14
 Operator : JC/SP
 Sample : VX0310WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 07:25:10 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	343826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	515218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	478015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	206946	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.48	113	171909	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.71	98	658800	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	11.13	95	233065	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	59016	19.602	ug/l	99
3) Chloromethane	1.32	50	80642	18.909	ug/l	99
4) Vinyl Chloride	1.41	62	84266	19.485	ug/l	99
5) Bromomethane	1.64	94	51481	19.363	ug/l	95
6) Chloroethane	1.72	64	52172	20.111	ug/l	95
7) Trichlorofluoromethane	1.93	101	103338	20.082	ug/l	95
8) Diethyl Ether	2.18	74	46892	20.119	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65257	20.157	ug/l	97
10) Methyl Iodide	2.50	142	57241	15.650	ug/l	99
11) Tert butyl alcohol	3.03	59	70566	99.710	ug/l	98
12) 1,1-Dichloroethene	2.37	96	64006	19.156	ug/l	93
13) Acrolein	2.28	56	65343	98.248	ug/l	100
14) Allyl chloride	2.72	41	112991	19.395	ug/l	99
15) Acrylonitrile	3.13	53	177389	100.647	ug/l	98
16) Acetone	2.44	43	173982	105.320	ug/l	99
17) Carbon Disulfide	2.56	76	168061	18.112	ug/l	99
18) Methyl Acetate	2.76	43	81062	20.068	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	206531	19.781	ug/l	98
20) Methylene Chloride	2.85	84	73046	18.894	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	69274	19.417	ug/l	97
22) Diisopropyl ether	3.84	45	234084	20.167	ug/l	99
23) Vinyl Acetate	3.80	43	967164	101.367	ug/l	98
24) 1,1-Dichloroethane	3.69	63	125093	19.418	ug/l	99
25) 2-Butanone	4.66	43	248897	102.916	ug/l	98
26) 2,2-Dichloropropane	4.57	77	97800	19.124	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	76434	19.097	ug/l	98
28) Bromochloromethane	5.00	49	58075	19.797	ug/l	96
29) Tetrahydrofuran	5.12	42	151819	97.385	ug/l	98
30) Chloroform	5.20	83	126516	20.150	ug/l	99
31) Cyclohexane	5.57	56	109774	19.104	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	104136	20.008	ug/l	97
36) 1,1-Dichloropropene	5.79	75	92521	19.425	ug/l	98
37) Ethyl Acetate	4.82	43	94154	21.311	ug/l	97
38) Carbon Tetrachloride	5.77	117	87512	19.465	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111081	19.973	ug/l	99
40) Benzene	6.14	78	283388	20.054	ug/l	98
41) Methacrylonitrile	5.03	41	52903	19.935	ug/l	96
42) 1,2-Dichloroethane	6.18	62	102210	21.062	ug/l	98
43) Isopropyl Acetate	6.43	43	156247	20.103	ug/l	99
44) Trichloroethene	7.20	130	78747	20.010	ug/l	95
45) 1,2-Dichloropropane	7.50	63	74718	20.428	ug/l	100
46) Dibromomethane	7.65	93	48303	20.267	ug/l	97
47) Bromodichloromethane	7.89	83	95891	20.346	ug/l	99
48) Methyl methacrylate	7.76	41	75392	19.058	ug/l	98
49) 1,4-Dioxane	7.74	88	33085	386.822	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	482704	105.039	ug/l	100
52) Toluene	8.78	92	176643	20.444	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	102356	20.404	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	115509	20.368	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	72230	20.310	ug/l	99
56) Ethyl methacrylate	9.17	69	103774	20.458	ug/l	99
57) 1,3-Dichloropropane	9.37	76	122452	20.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	271713	98.325	ug/l	100
59) 2-Hexanone	9.48	43	360430	105.819	ug/l	100
60) Dibromochloromethane	9.57	129	74620	19.975	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74526	19.952	ug/l	100
64) Tetrachloroethene	9.33	164	79442	20.100	ug/l	97
65) Chlorobenzene	10.14	112	190845	19.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	71559	19.775	ug/l	98
67) Ethyl Benzene	10.25	91	334204	20.508	ug/l	100
68) m/p-Xylenes	10.35	106	255287	41.174	ug/l	99
69) o-Xylene	10.70	106	122050	20.560	ug/l	100
70) Styrene	10.71	104	206677	20.305	ug/l	100
71) Bromoform	10.85	173	55823	19.893	ug/l #	100
73) Isopropylbenzene	11.01	105	329550	20.774	ug/l	100
74) N-amyl acetate	10.89	43	130603	19.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	107212	20.279	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	114724	23.160	ug/l	82
77) Bromobenzene	11.25	156	87584	19.811	ug/l	98
78) n-propylbenzene	11.35	91	377941	20.854	ug/l	99
79) 2-Chlorotoluene	11.42	91	223979	20.694	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	276573	20.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31173	17.860	ug/l	89
82) 4-Chlorotoluene	11.51	91	260982	20.410	ug/l	100
83) tert-Butylbenzene	11.76	119	258699	20.260	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	275501	20.767	ug/l	99
85) sec-Butylbenzene	11.94	105	321126	20.833	ug/l	100
86) p-Isopropyltoluene	12.06	119	295987	20.842	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	155377	19.992	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	153101	19.081	ug/l	99
89) n-Butylbenzene	12.38	91	255629	20.238	ug/l	100
90) Hexachloroethane	12.59	117	51249	19.088	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	150563	19.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20880	19.723	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

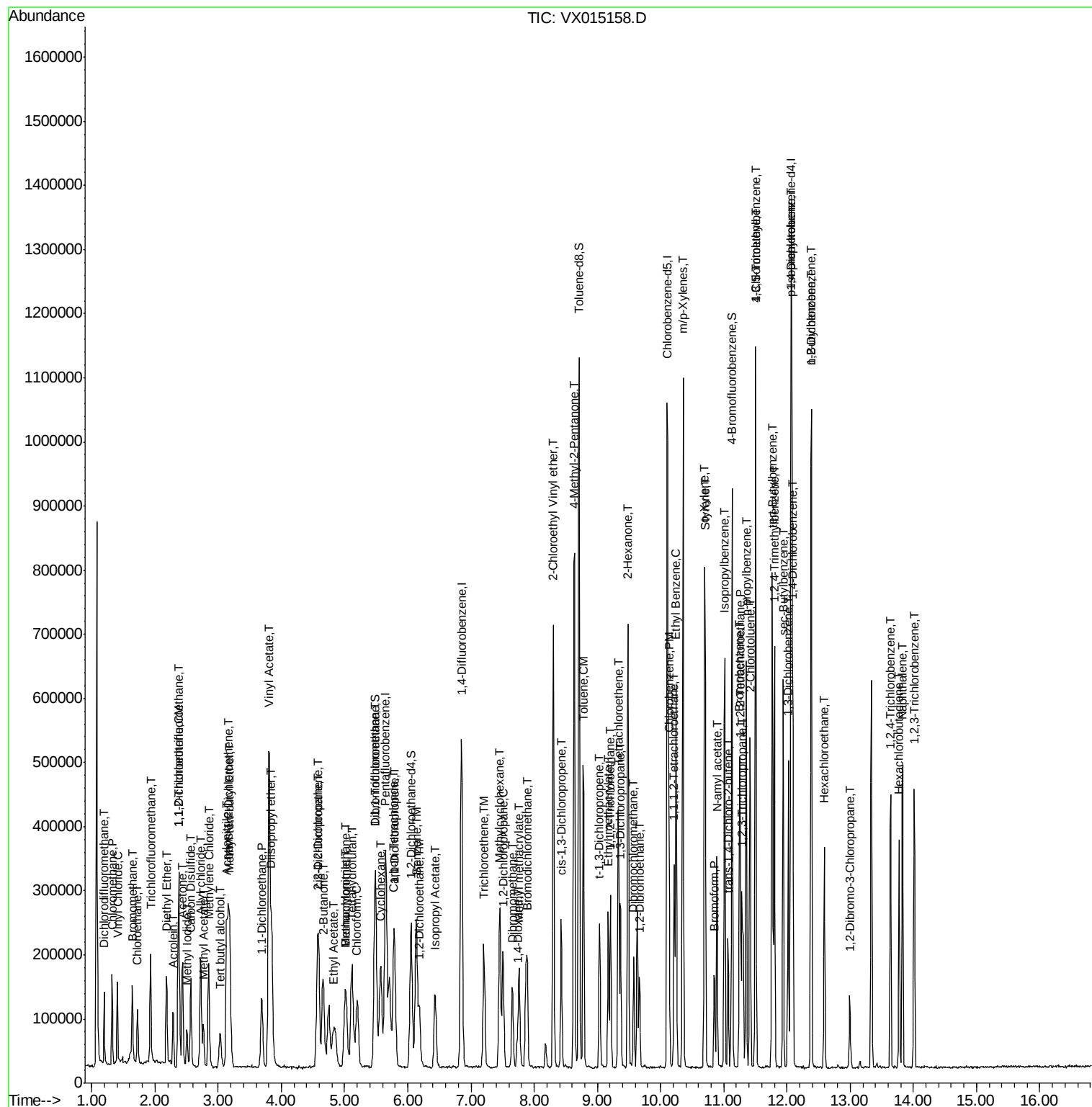
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	105857	19.737	ug/l	99
94) Hexachlorobutadiene	13.78	225	52880	19.213	ug/l	99
95) Naphthalene	13.83	128	293261	18.754	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	106359	19.875	ug/l	98

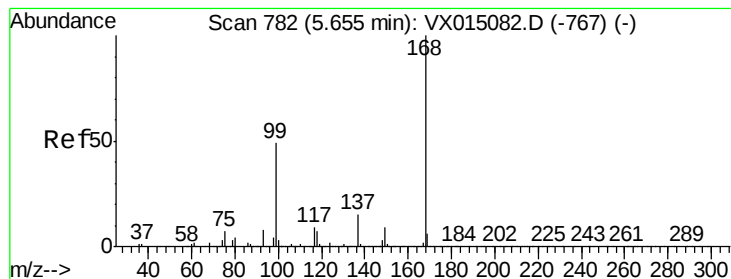
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

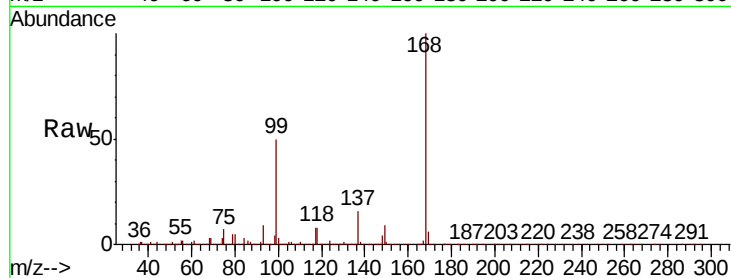
ClientSampleId :

Tot Ion:168 Resp: 343826

Ion Ratio Lower Upper

168 100

99 50.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

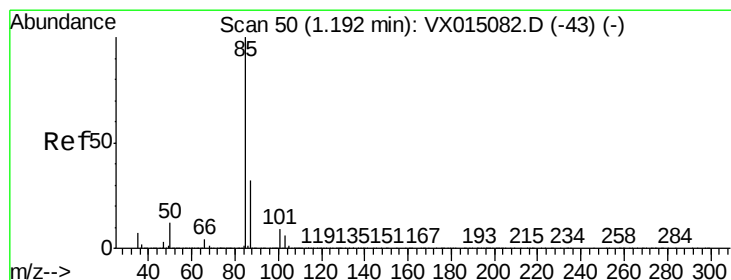
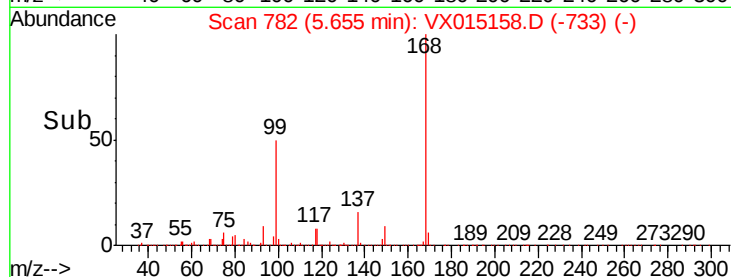
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.602 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015158.D

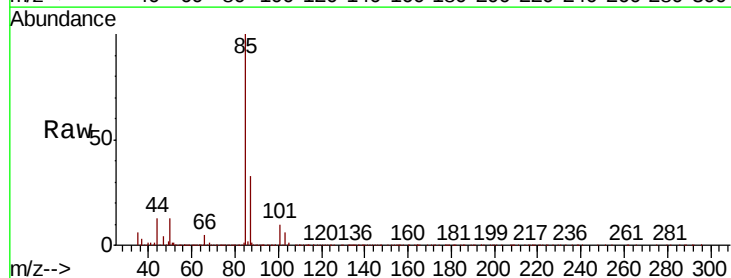
Acq: 10 Mar 2020 10:14

Tgt Ion: 85 Resp: 59016

Ion Ratio Lower Upper

85 100

87 32.6 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

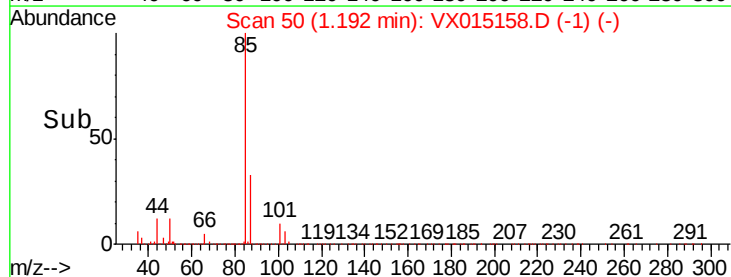
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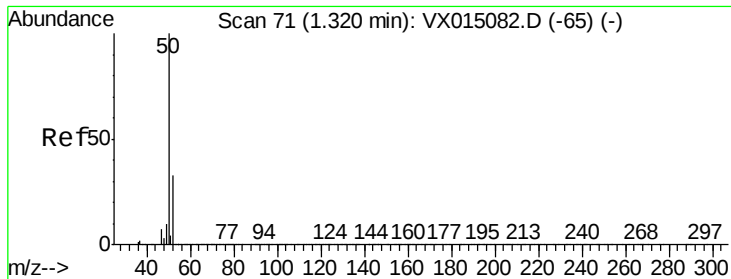
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.909 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

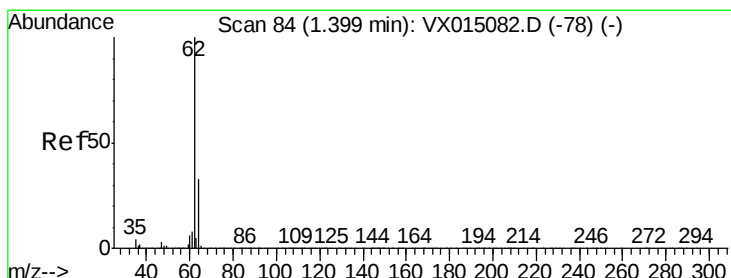
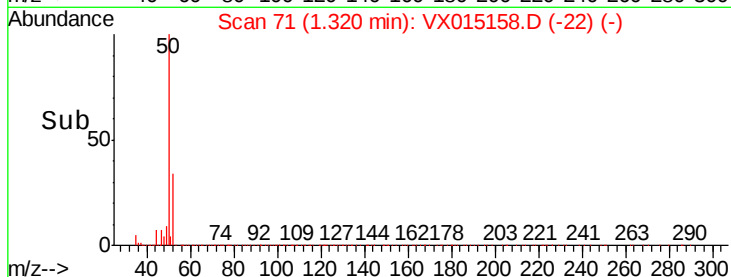
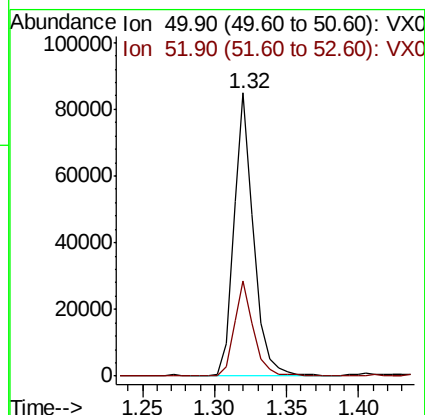
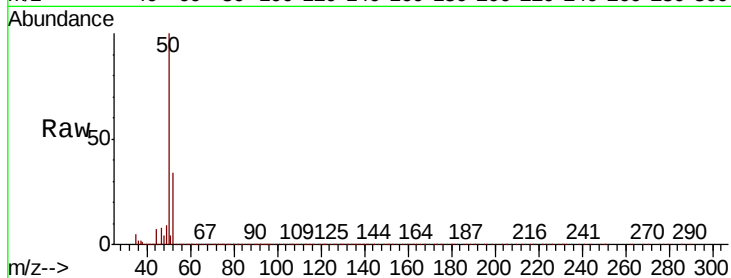
ClientSampleId :

Tot Ion: 50 Resp: 80642

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 19.485 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015158.D

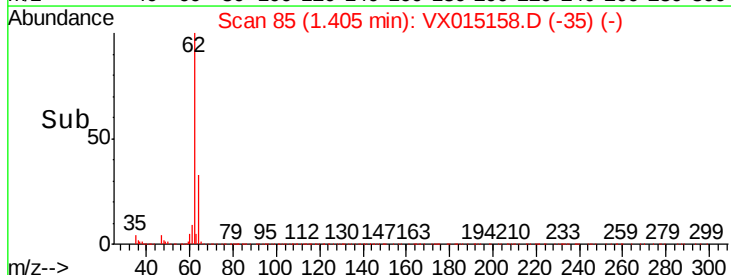
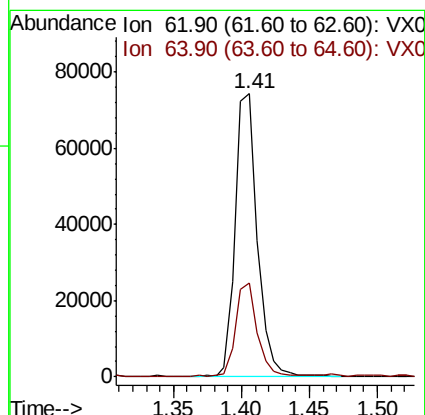
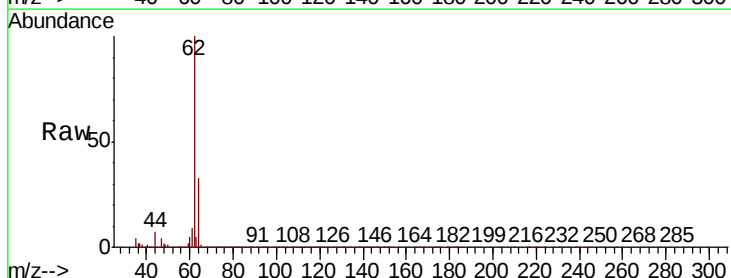
Acq: 10 Mar 2020 10:14

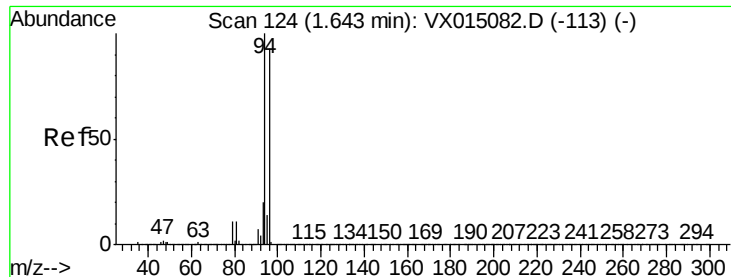
Tgt Ion: 62 Resp: 84266

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 19.363 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

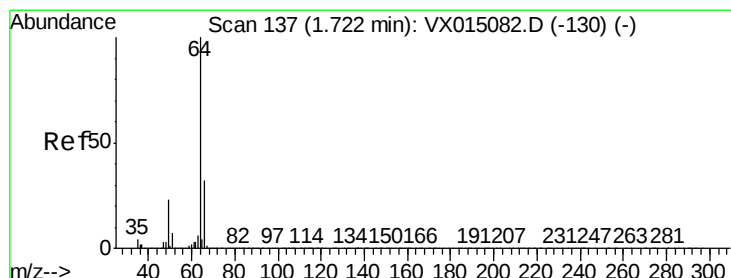
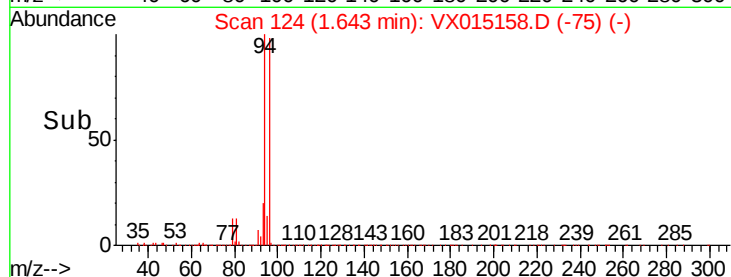
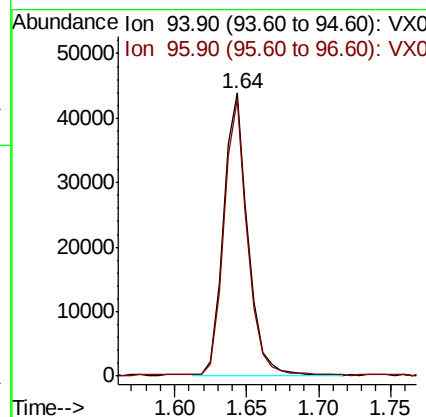
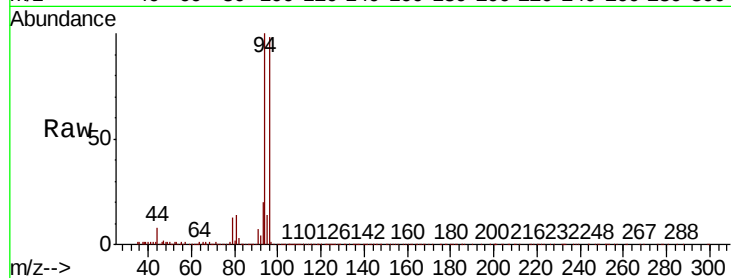
ClientSampleId :

Tot Ion: 94 Resp: 51481

Ion Ratio Lower Upper

94 100

96 97.9 74.6 111.8



#6

Chloroethane

Concen: 20.111 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015158.D

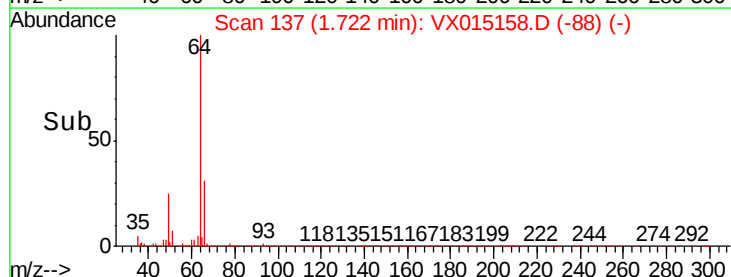
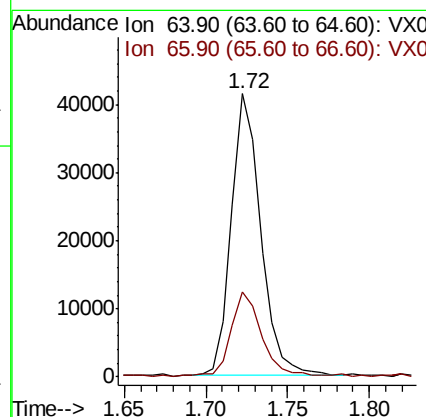
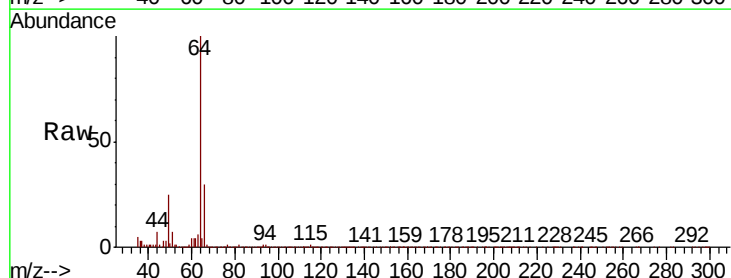
Acq: 10 Mar 2020 10:14

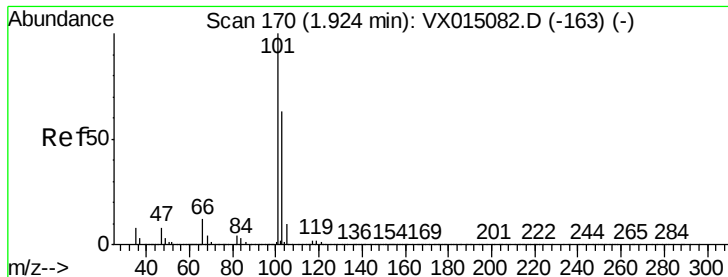
Tgt Ion: 64 Resp: 52172

Ion Ratio Lower Upper

64 100

66 29.6 25.8 38.8



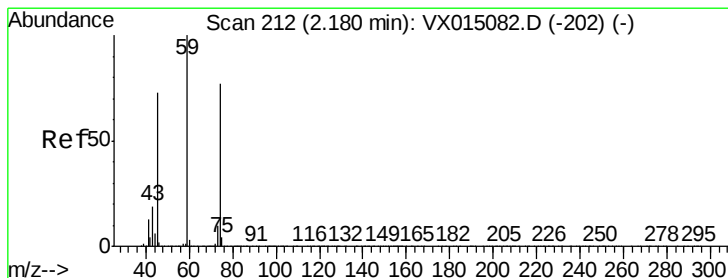
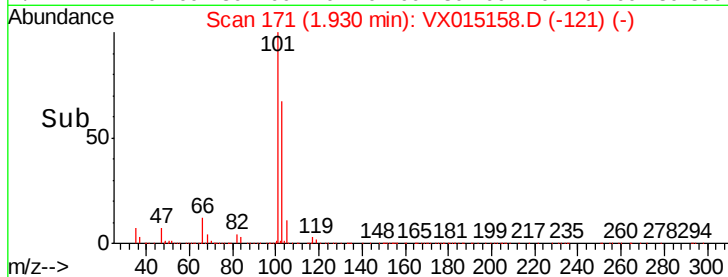
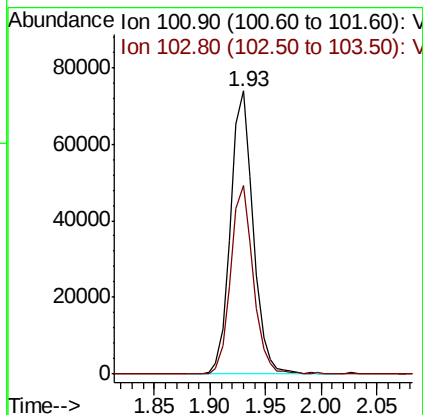
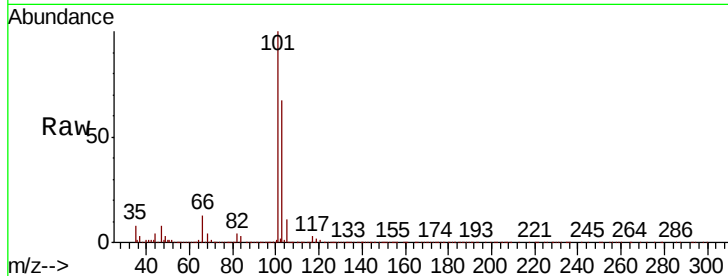


#7

Trichlorofluoromethane
 Concen: 20.082 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :

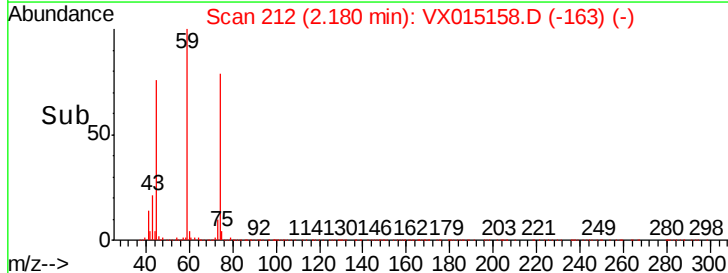
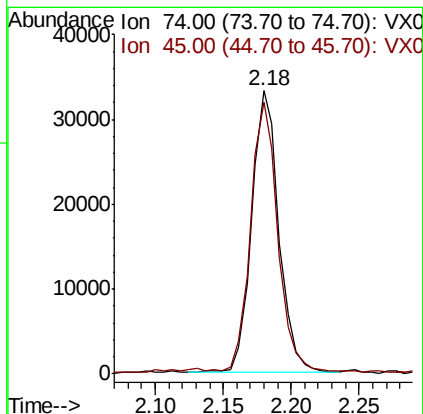
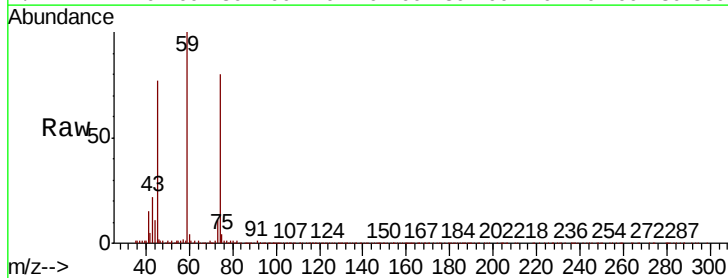
Tot Ion:101 Resp: 103338
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.4 75.6

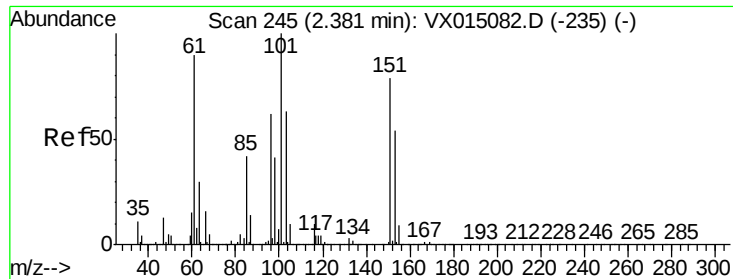


#8

Diethyl Ether
 Concen: 20.119 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion: 74 Resp: 46892
 Ion Ratio Lower Upper
 74 100
 45 96.3 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.157 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

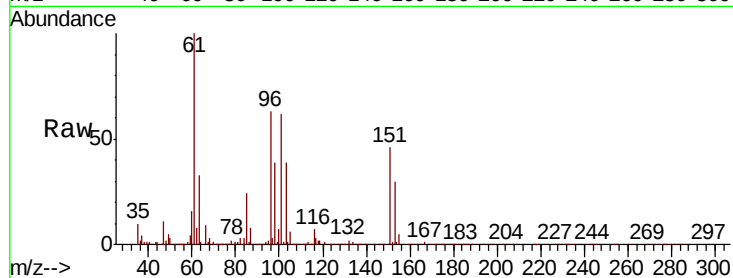
Tot Ion:101 Resp: 65257

Ion Ratio Lower Upper

101 100

85 41.1 33.7 50.5

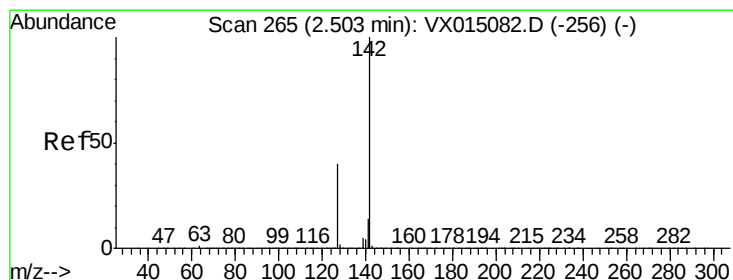
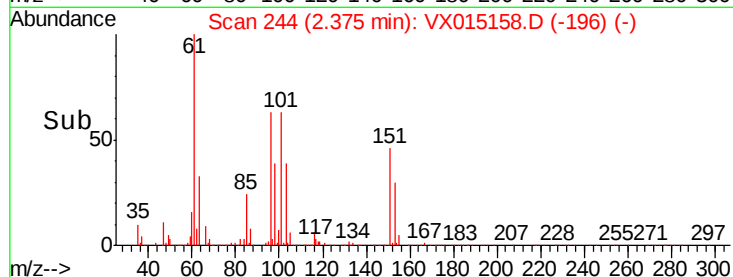
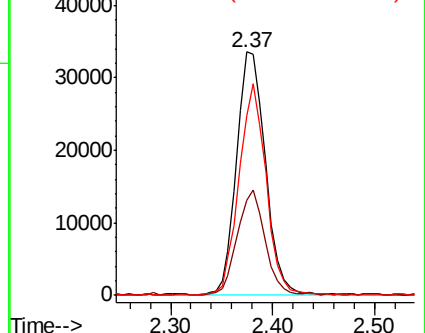
151 82.8 64.0 96.0



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: 15.650 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

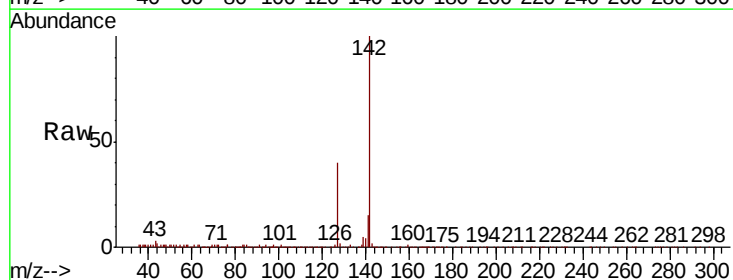
Tgt Ion:142 Resp: 57241

Ion Ratio Lower Upper

142 100

127 40.6 31.7 47.5

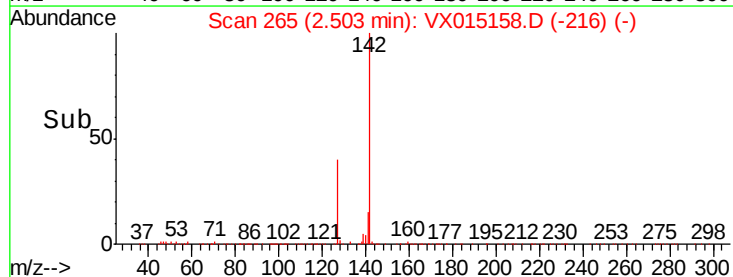
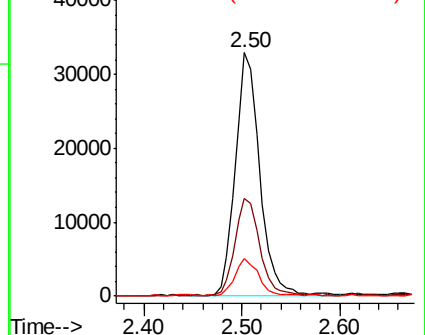
141 14.4 11.3 16.9

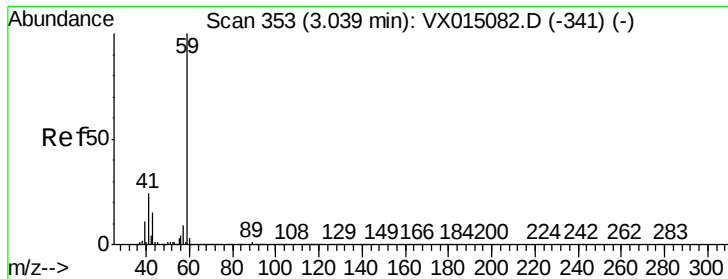


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

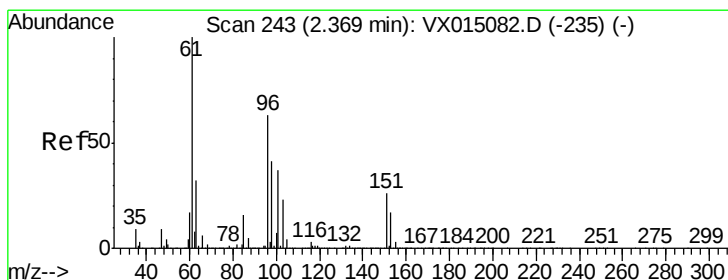
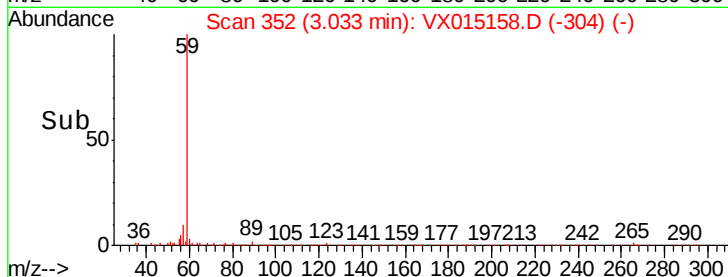
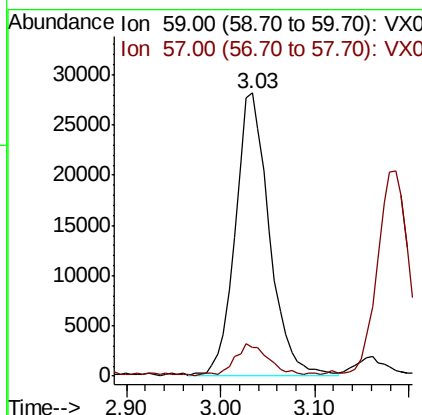
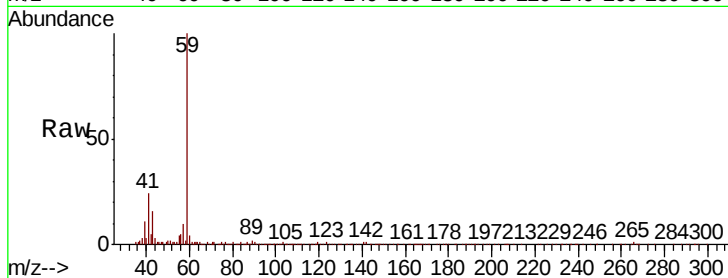




#11
Tert butyl alcohol
Concen: 99.710 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

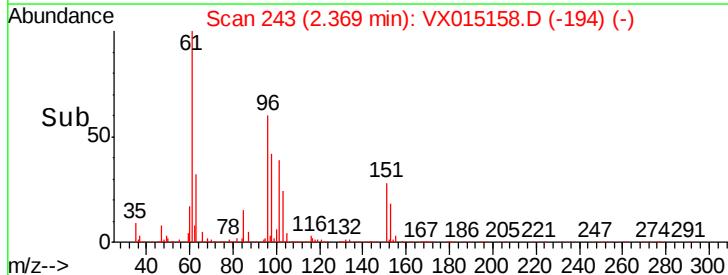
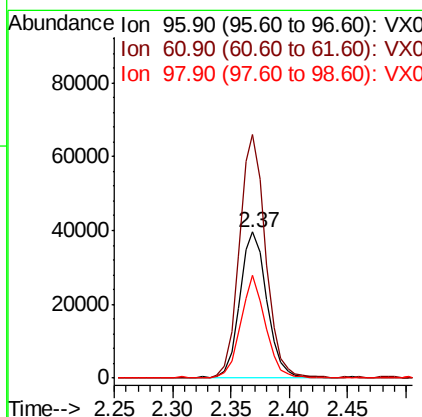
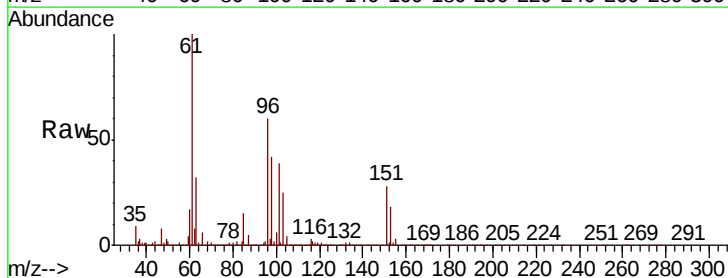
Instrument :
MSVOA_X
ClientSampleId :

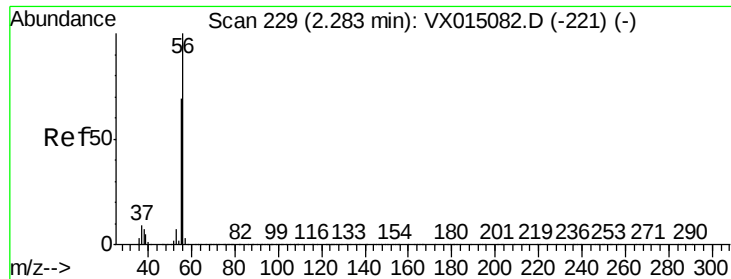
Tot Ion: 59 Resp: 70566
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.156 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 96 Resp: 64006
Ion Ratio Lower Upper
96 100
61 166.7 126.2 189.4
98 70.2 51.4 77.0

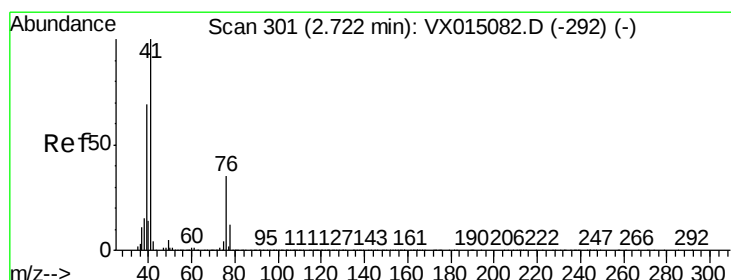
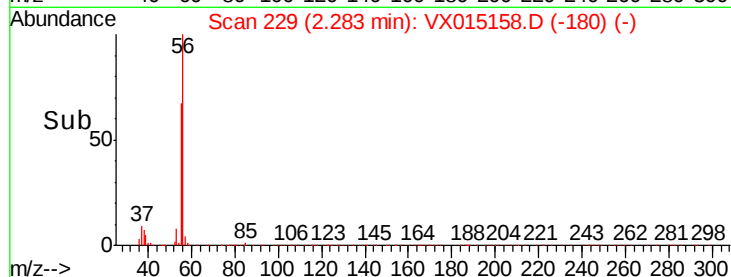
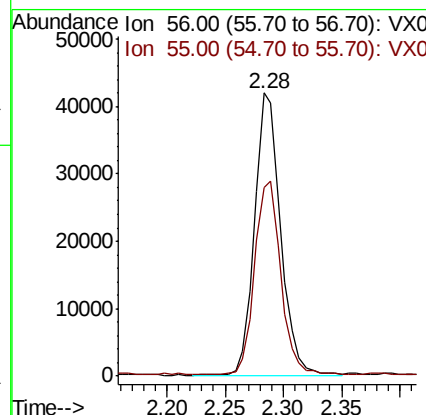
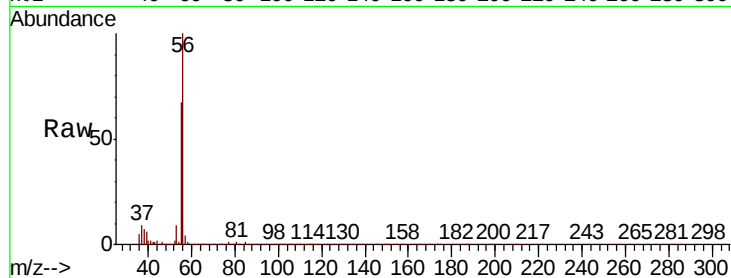




#13
Acrolein
Concen: 98.248 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

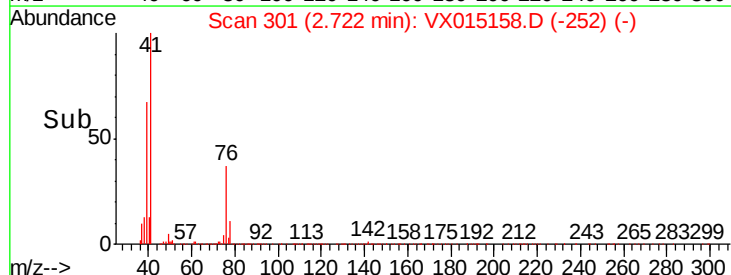
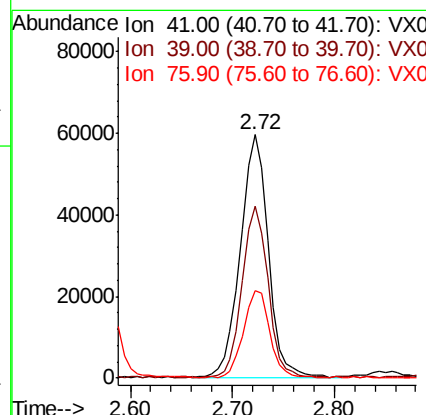
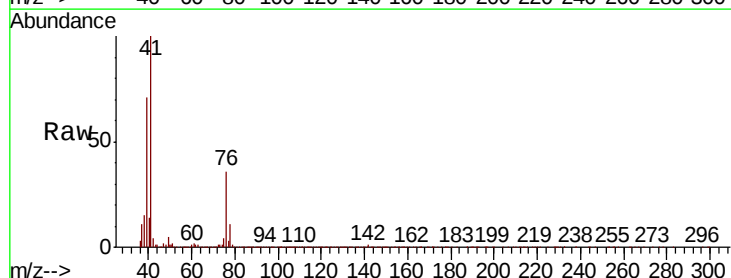
Instrument :
MSVOA_X
ClientSampleId :

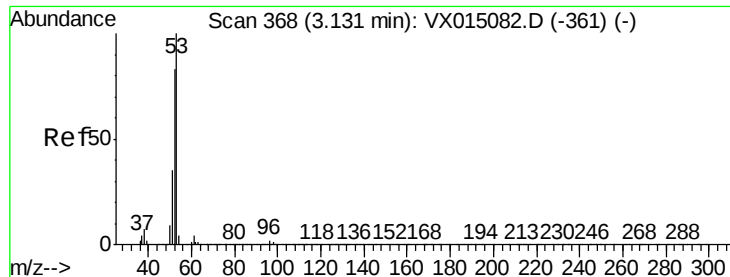
Tot Ion: 56 Resp: 65343
Ion Ratio Lower Upper
56 100
55 68.9 55.4 83.0



#14
Allyl chloride
Concen: 19.395 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 41 Resp: 112991
Ion Ratio Lower Upper
41 100
39 66.6 52.9 79.3
76 33.7 26.8 40.2

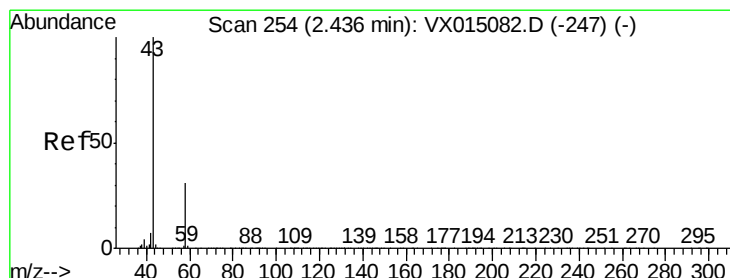
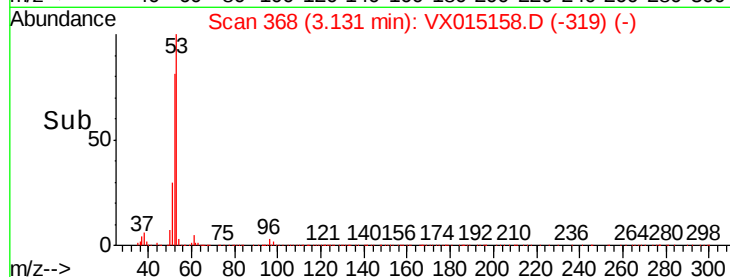
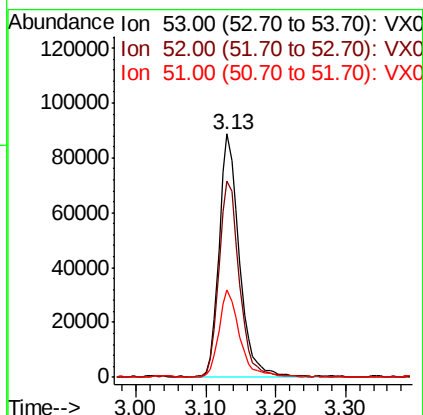
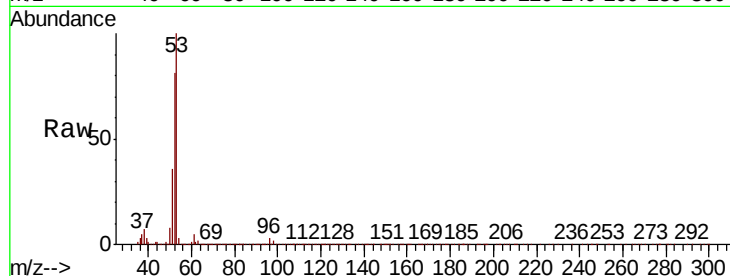




#15
 Acrylonitrile
 Concen: 100.647 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

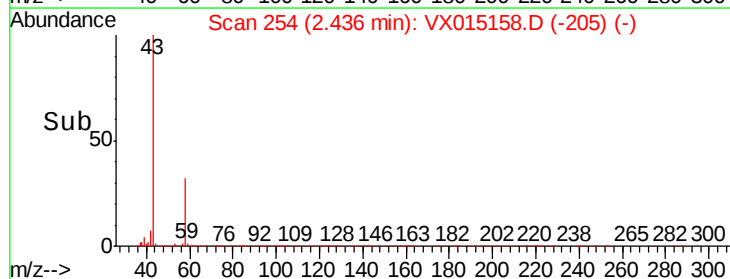
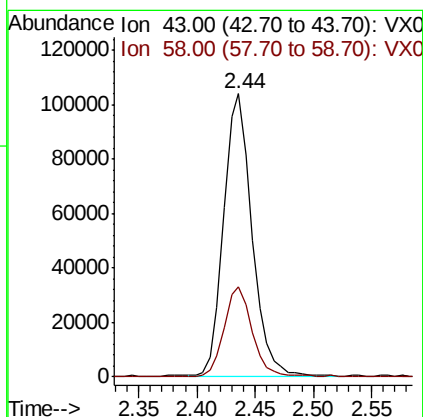
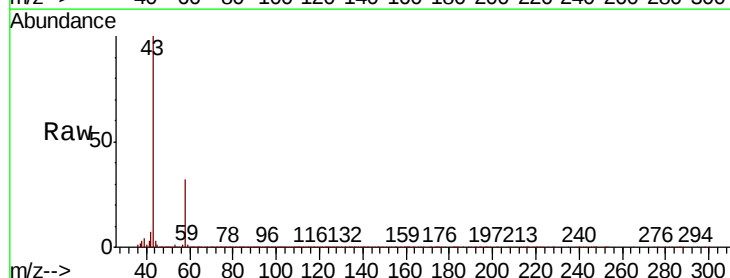
Instrument :
 MSVOA_X
 ClientSampleId :

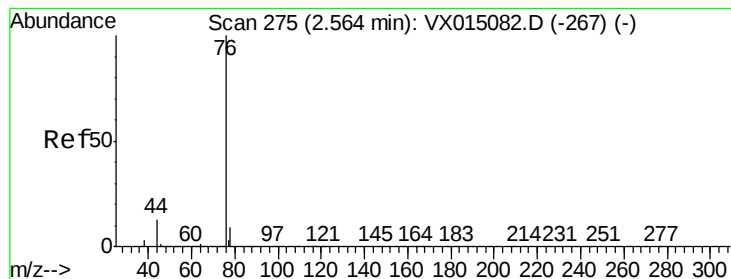
Tot Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.6	100.0
51	36.5	29.0	43.6



#16
 Acetone
 Concen: 105.320 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.8	37.2





#17

Carbon Disulfide

Concen: 18.112 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

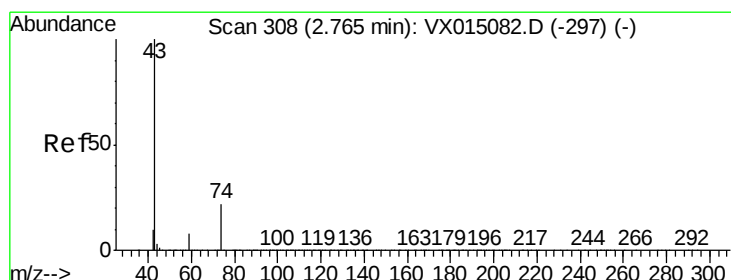
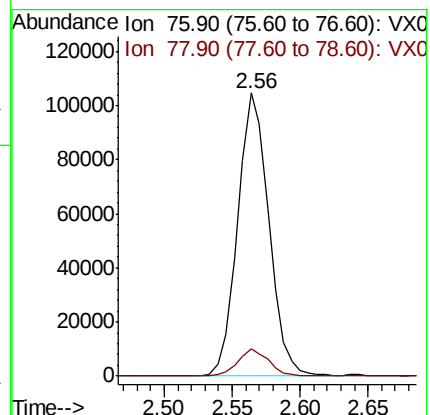
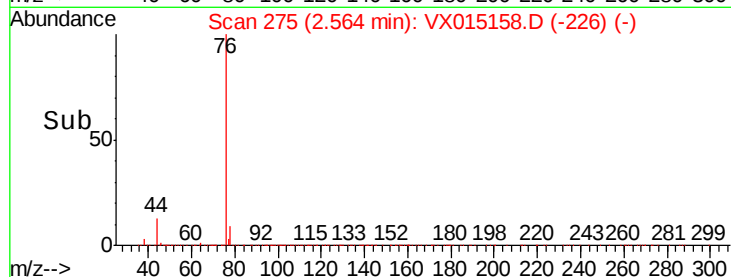
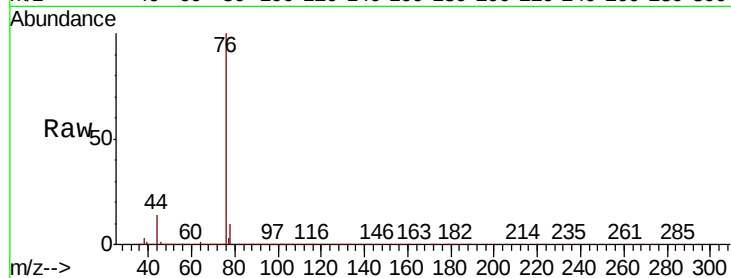
ClientSampleId :

Tot Ion: 76 Resp: 168061

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 20.068 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015158.D

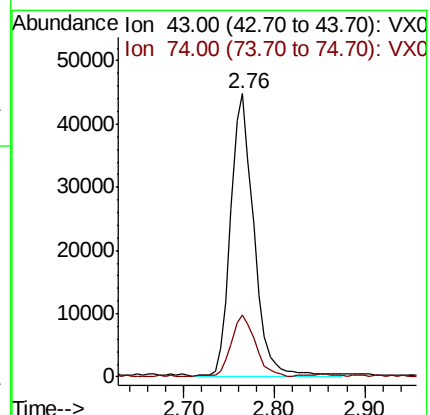
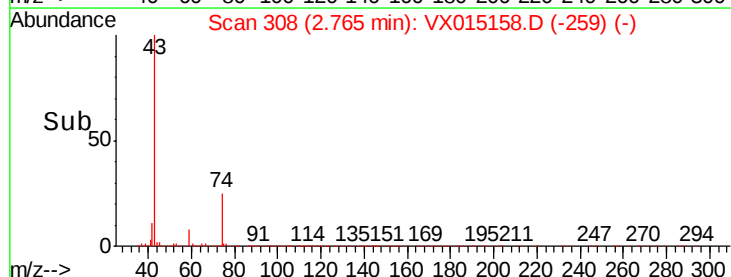
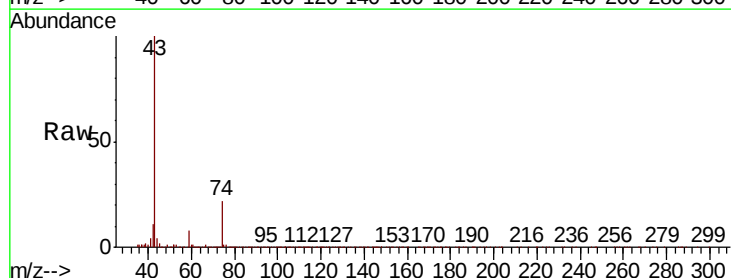
Acq: 10 Mar 2020 10:14

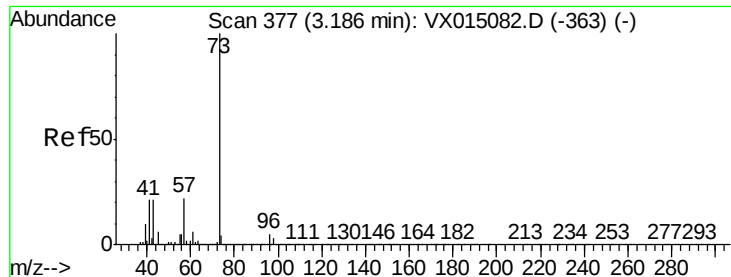
Tgt Ion: 43 Resp: 81062

Ion Ratio Lower Upper

43 100

74 22.3 18.8 28.2



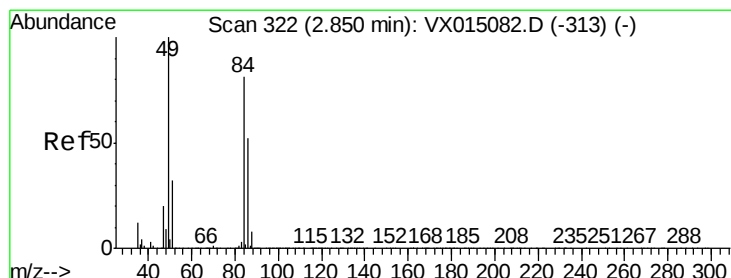
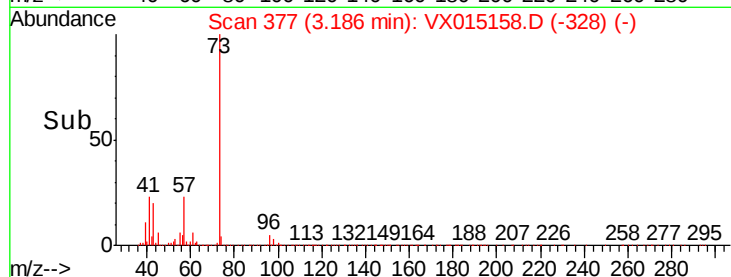
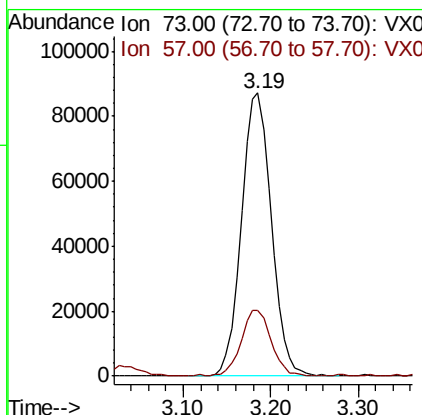
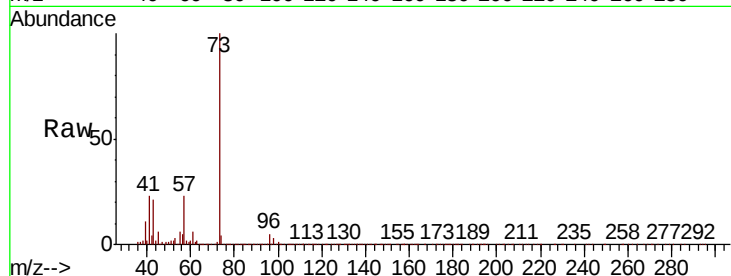


#19

Methyl tert-butyl Ether
 Concen: 19.781 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :

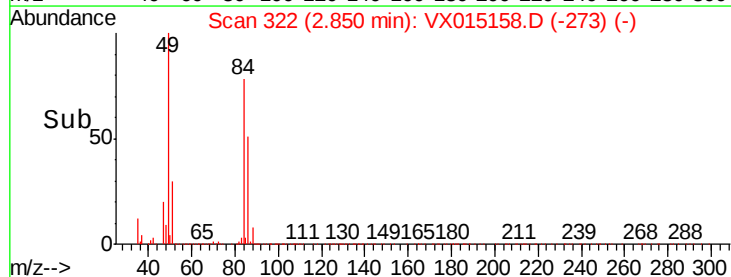
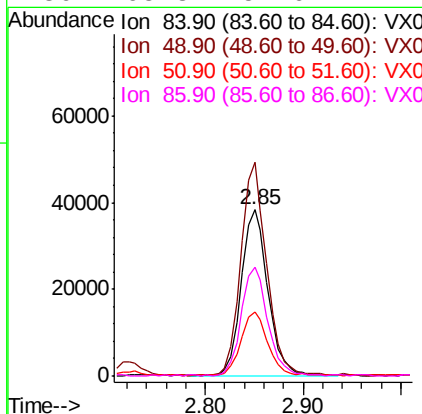
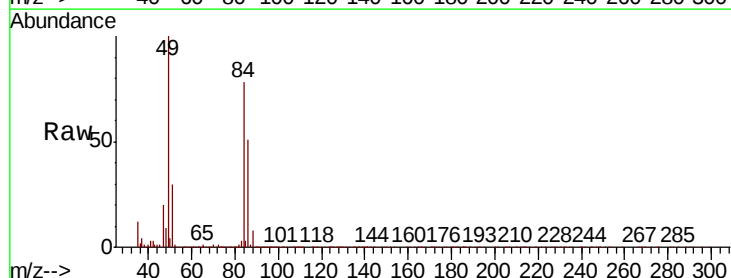
Tot Ion: 73 Resp: 206531
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.8 26.6

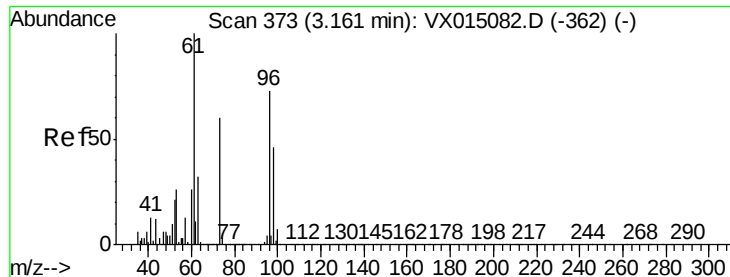


#20

Methylene Chloride
 Concen: 18.894 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion: 84 Resp: 73046
 Ion Ratio Lower Upper
 84 100
 49 127.7 99.4 149.2
 51 38.5 31.5 47.3
 86 65.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.417 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

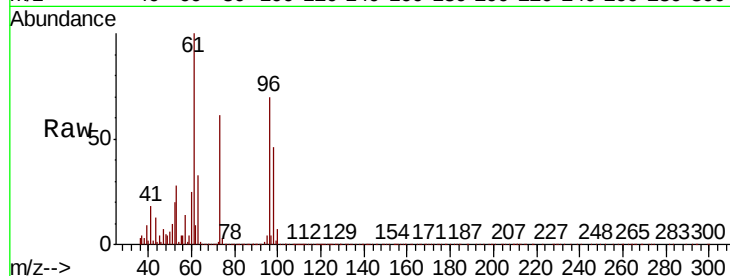
Tot Ion: 96 Resp: 69274

Ion Ratio Lower Upper

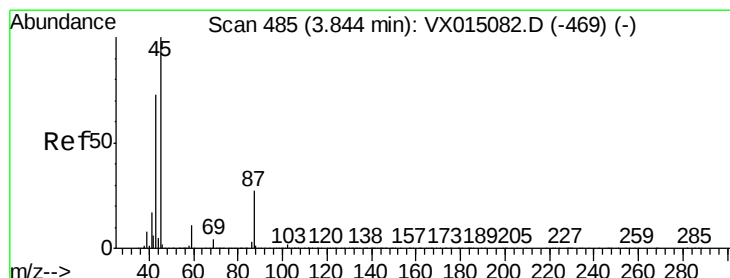
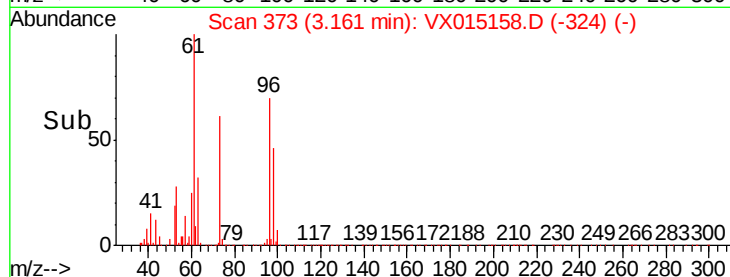
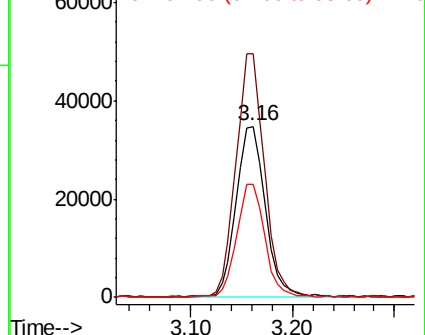
96 100

61 141.5 109.9 164.9

98 65.5 50.2 75.2



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



#22

Diisopropyl ether

Concen: 20.167 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion: 45 Resp: 234084

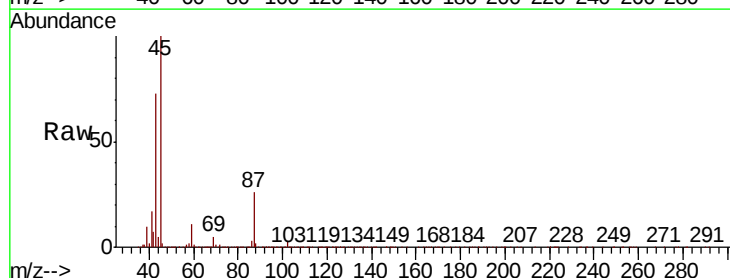
Ion Ratio Lower Upper

45 100

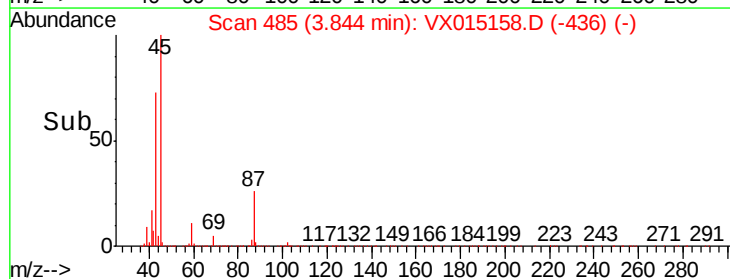
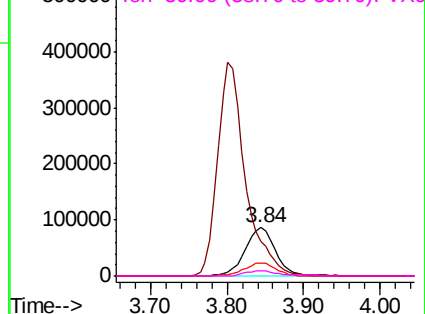
43 72.4 58.2 87.2

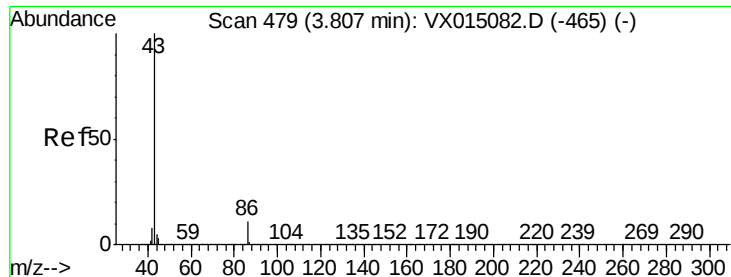
87 25.5 21.2 31.8

59 11.0 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.367 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

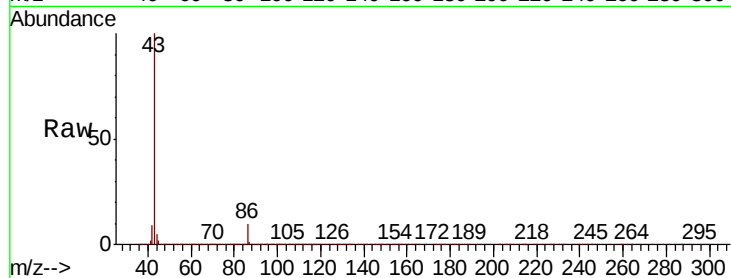
ClientSampleId :

Tot Ion: 43 Resp: 967164

Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

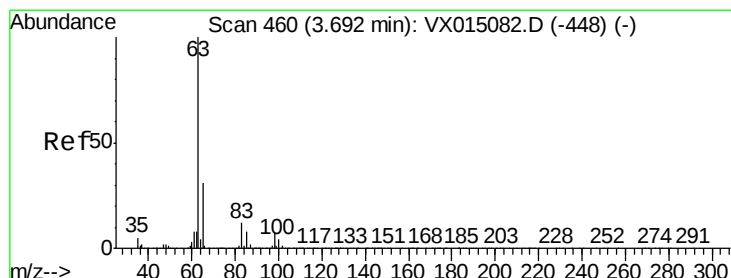
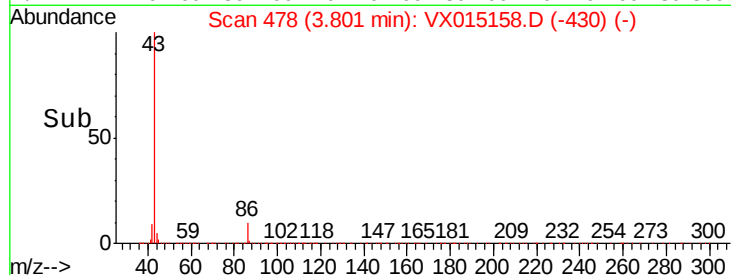
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.418 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

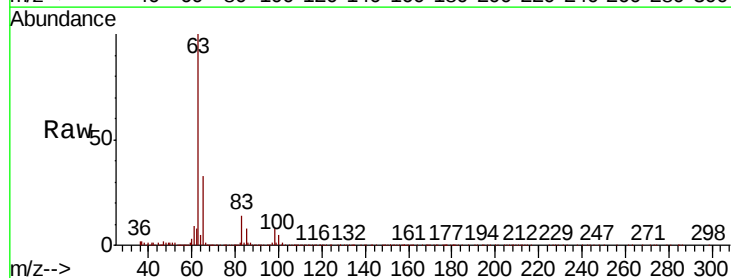
Tgt Ion: 63 Resp: 125093

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.9 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

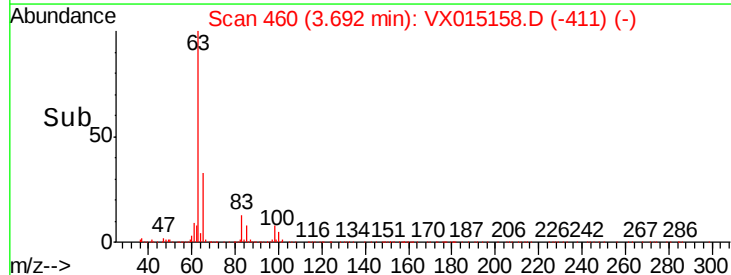
60000

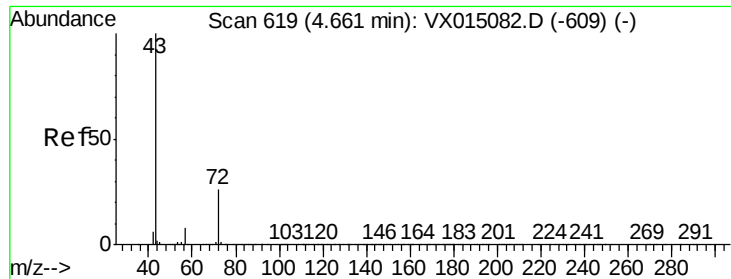
40000

20000

0

Time-->





#25

2-Butanone

Concen: 102.916 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

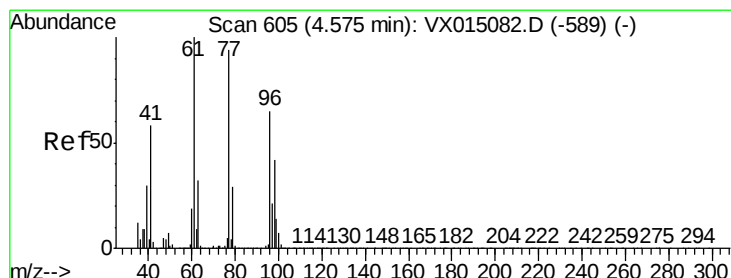
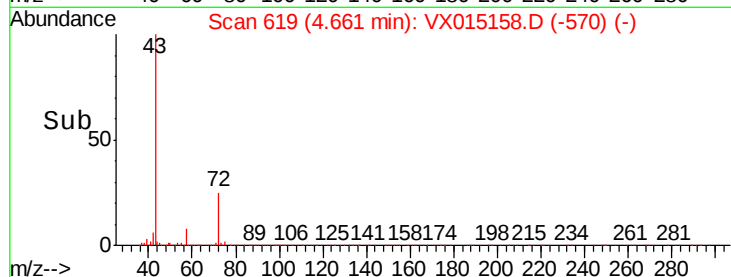
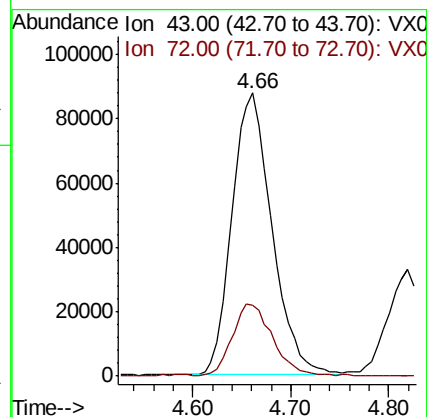
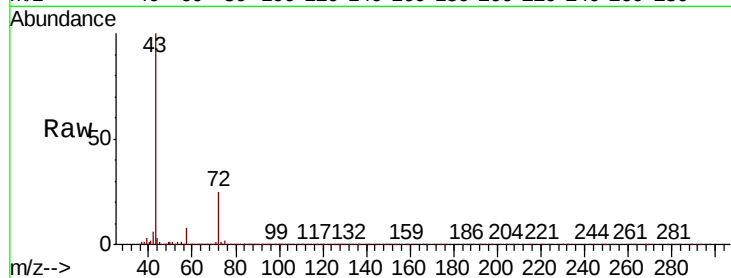
ClientSampleId :

Tot Ion: 43 Resp: 248897

Ion Ratio Lower Upper

43 100

72 24.8 20.6 30.8



#26

2,2-Dichloropropane

Concen: 19.124 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015158.D

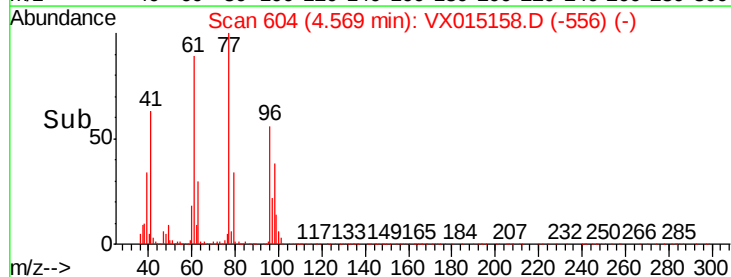
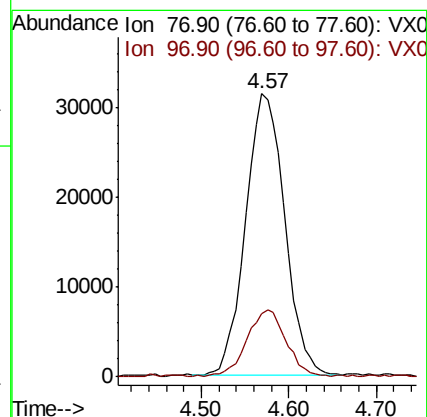
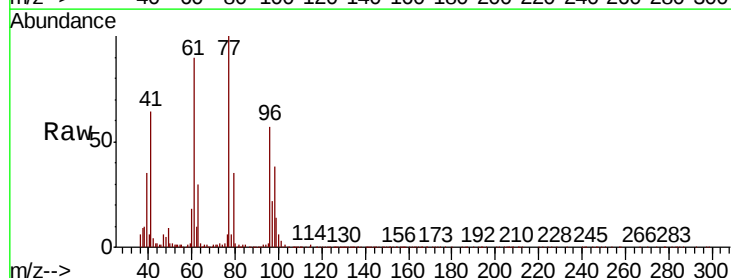
Acq: 10 Mar 2020 10:14

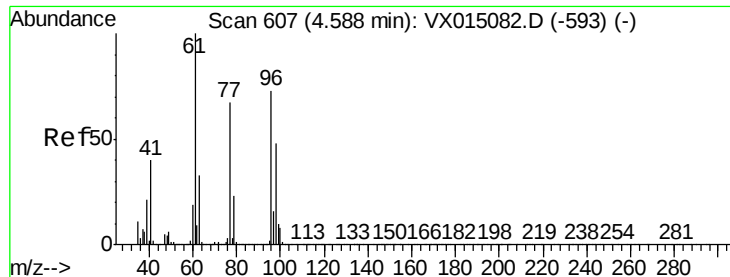
Tgt Ion: 77 Resp: 97800

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4



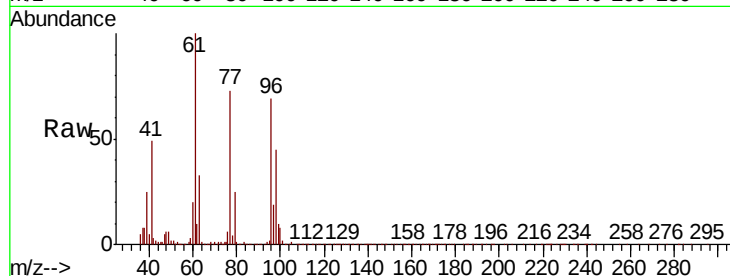


#27

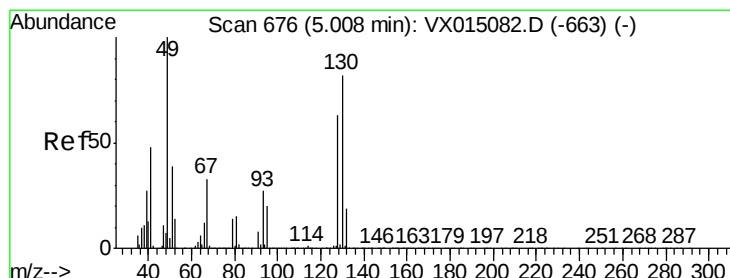
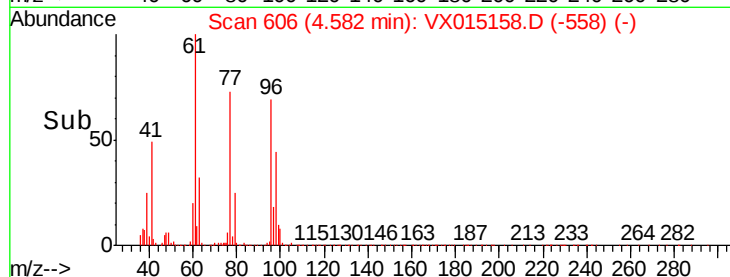
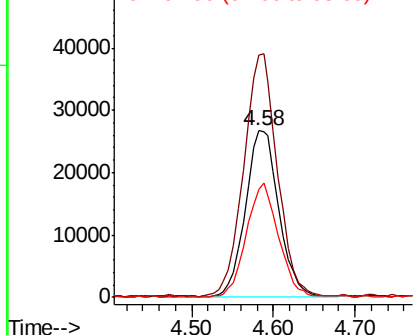
cis-1,2-Dichloroethene
Concen: 19.097 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 76434
Ion Ratio Lower Upper
96 100
61 145.8 0.0 286.8
98 64.7 0.0 128.4



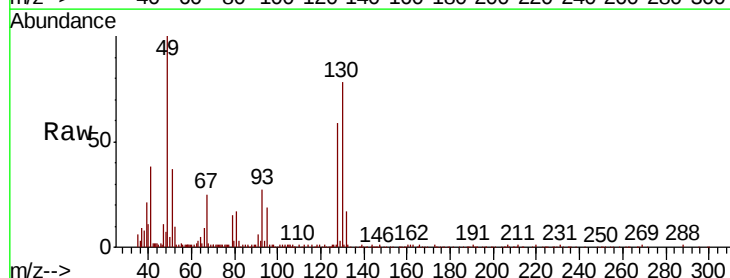
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



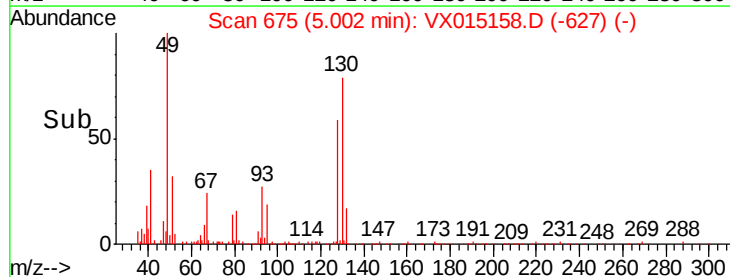
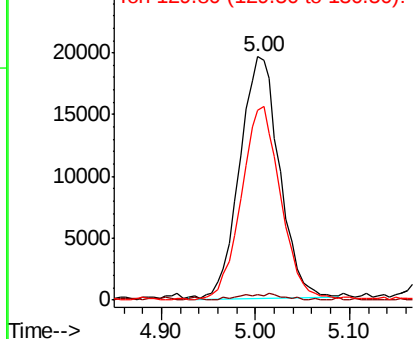
#28

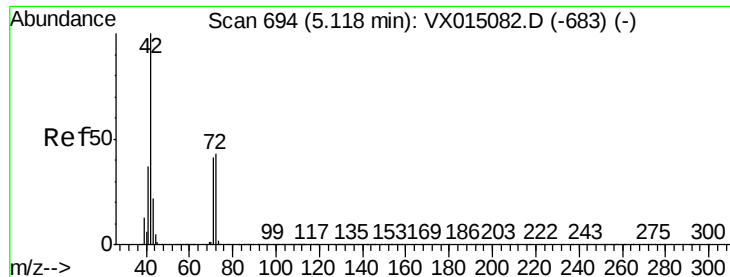
Bromochloromethane
Concen: 19.797 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 49 Resp: 58075
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.4
130 78.0 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

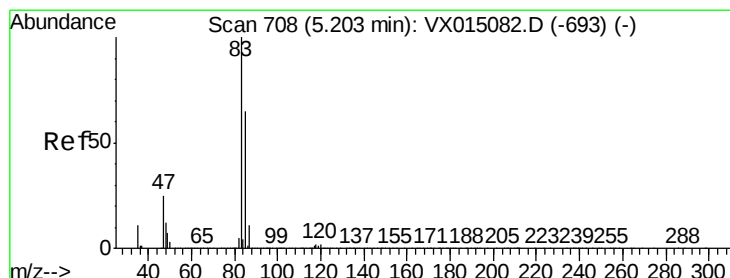
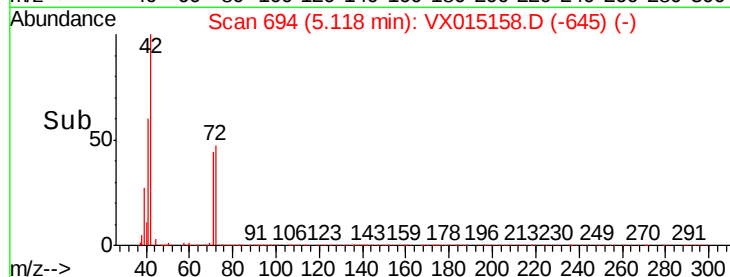
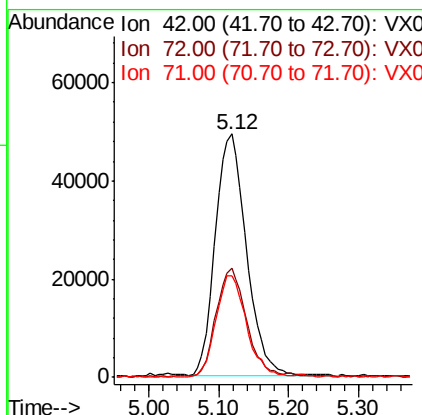
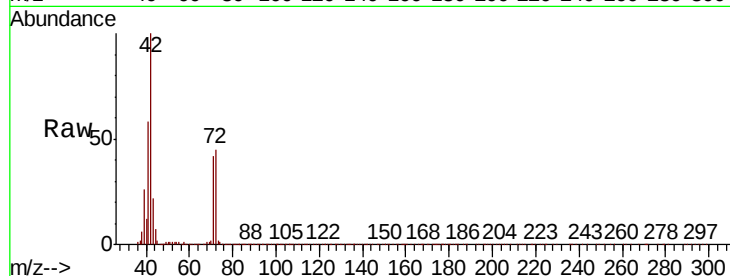




#29
Tetrahydrofuran
Concen: 97.385 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

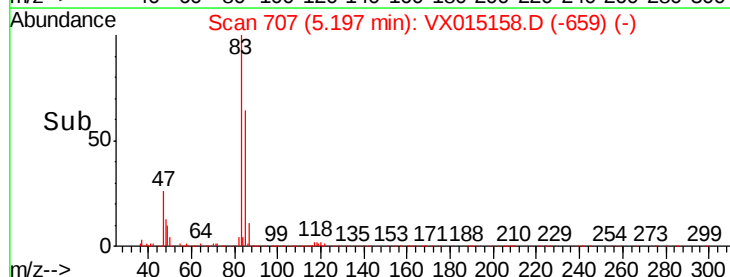
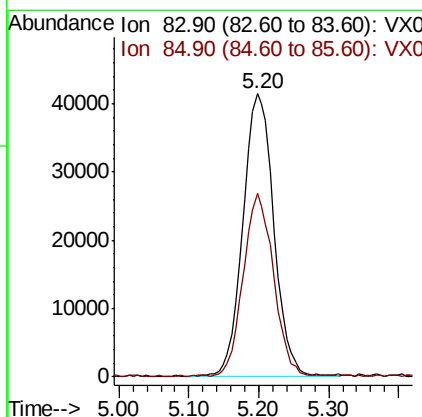
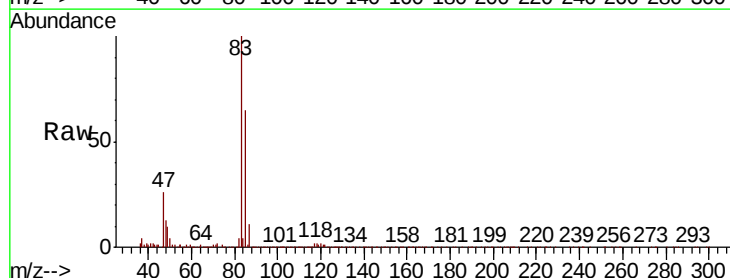
Instrument :
MSVOA_X
ClientSampleId :

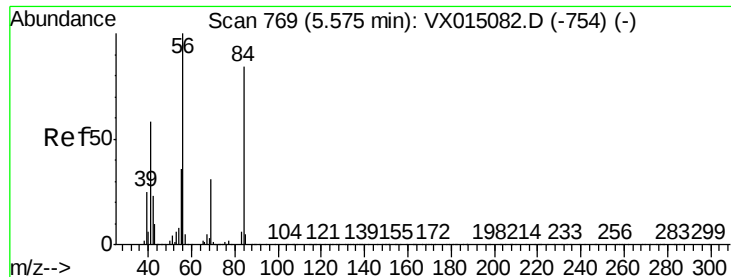
Tot Ion: 42 Resp: 151819
Ion Ratio Lower Upper
42 100
72 43.7 36.4 54.6
71 41.3 33.3 49.9



#30
Chloroform
Concen: 20.150 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 83 Resp: 126516
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0

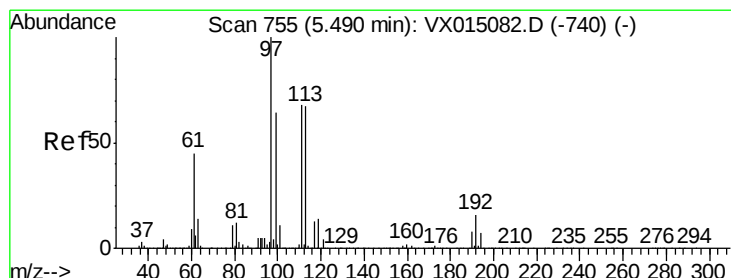
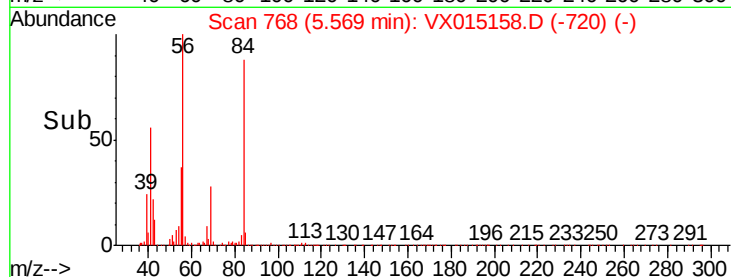
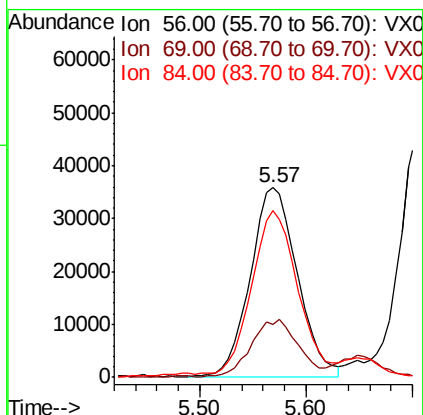
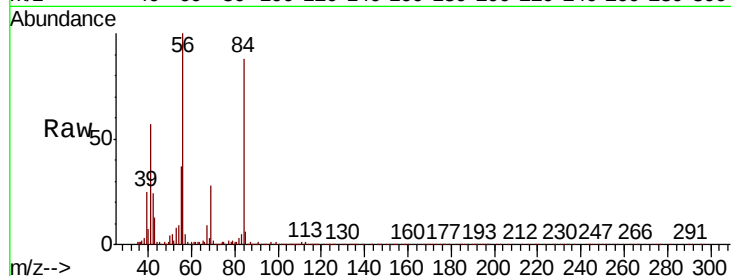




#31
Cyclohexane
Concen: 19.104 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

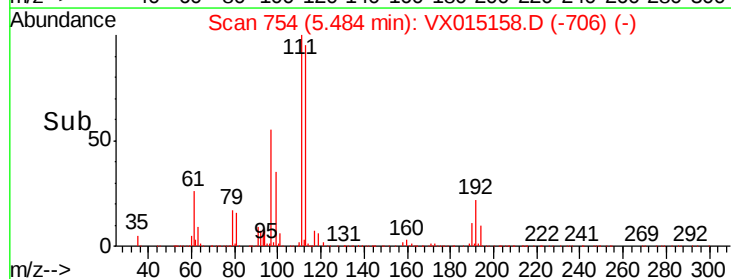
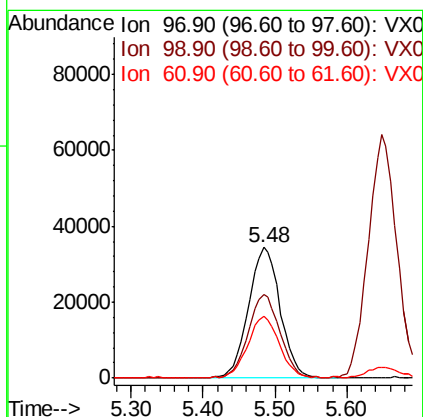
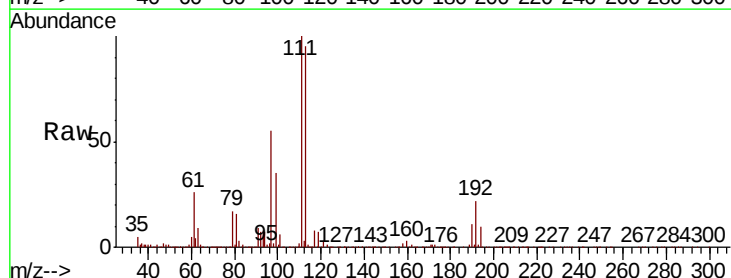
Instrument :
MSVOA_X
ClientSampleId :

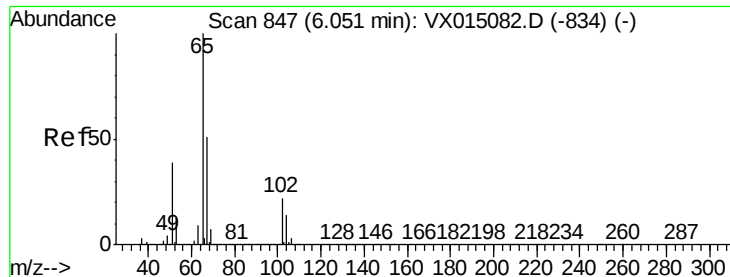
Tot Ion: 56 Resp: 109774
Ion Ratio Lower Upper
56 100
69 27.2 25.0 37.6
84 86.1 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 20.008 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 97 Resp: 104136
Ion Ratio Lower Upper
97 100
99 64.8 52.8 79.2
61 48.6 36.6 54.8

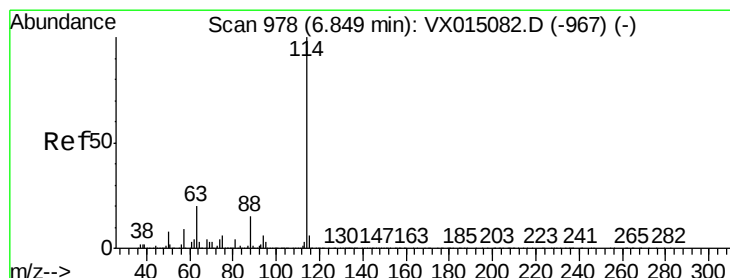
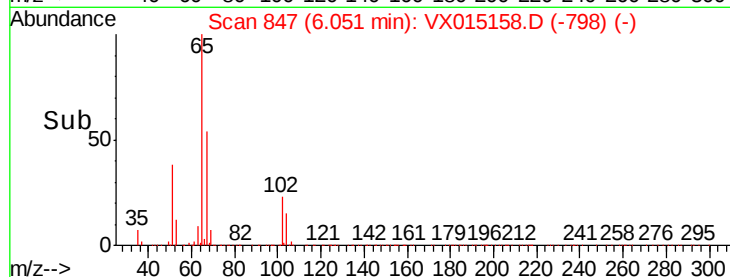
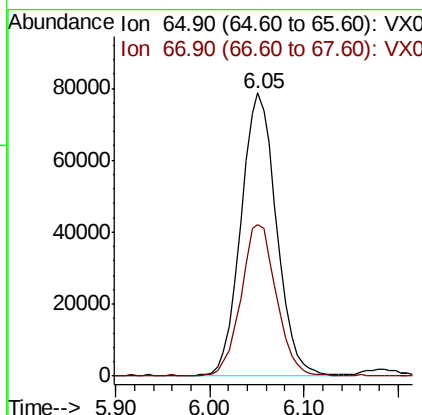
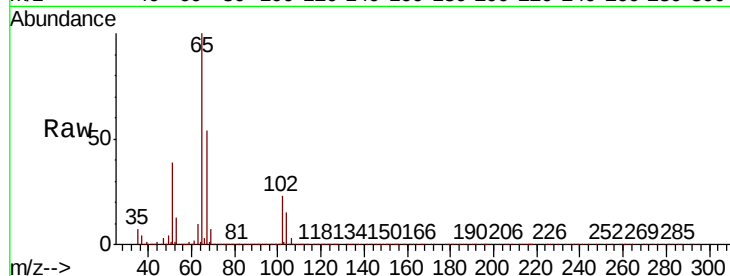




#33
 1,2-Dichloroethane-d4
 Concen: 50.734 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

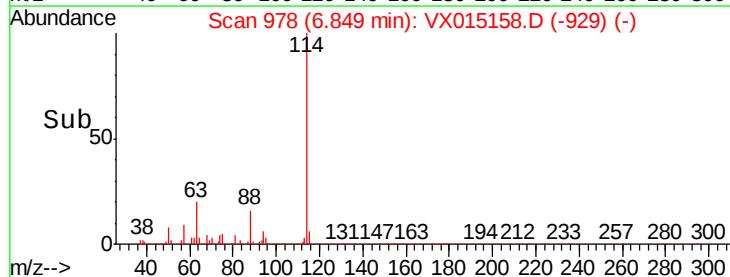
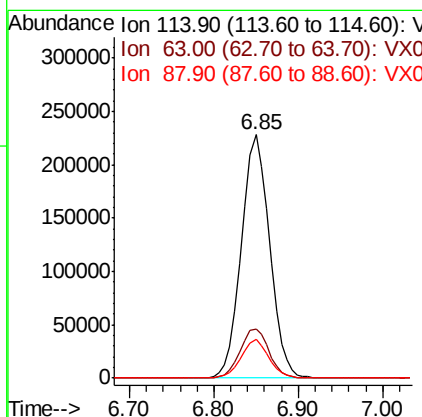
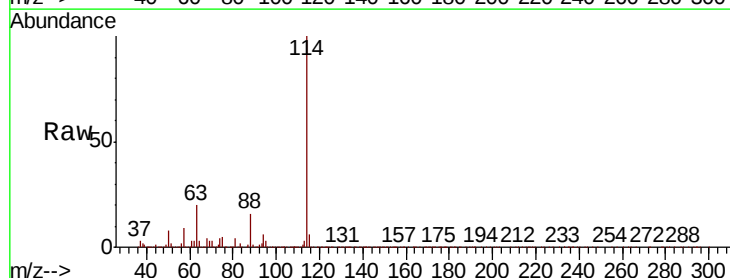
Instrument :
 MSVOA_X
 ClientSampleId :

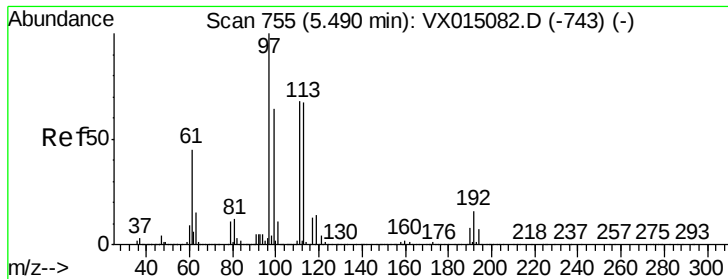
Tot Ion: 65 Resp: 206946
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion: 114 Resp: 515218
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.7 0.0 30.6

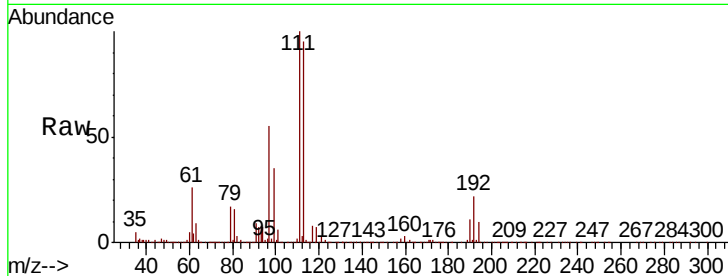




#35
 Dibromofluoromethane
 Concen: 52.889 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	23.1	18.6	28.0

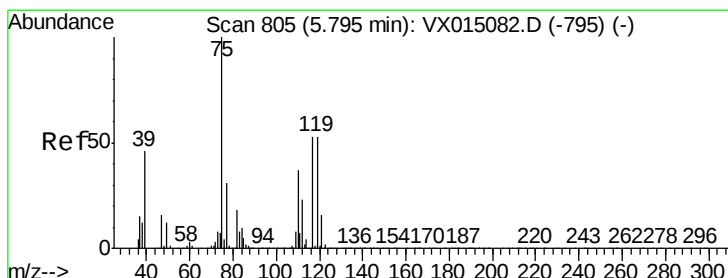
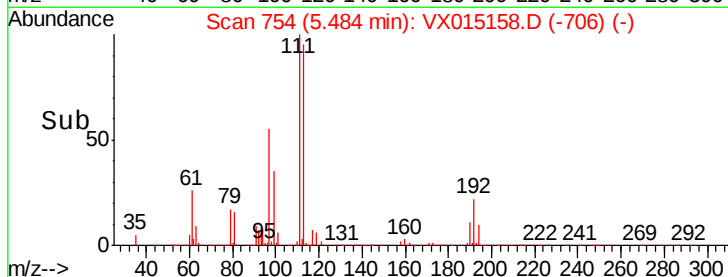
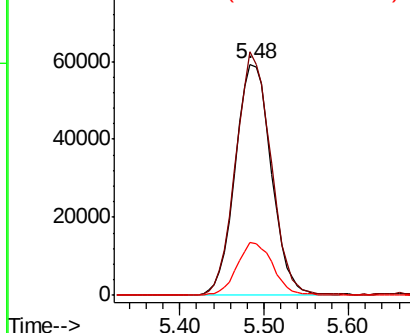


Abundance

Ion 112.80 (112.50 to 113.50): V

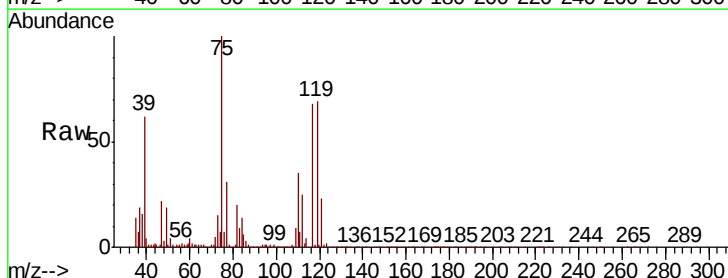
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.425 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.9	53.8
77	30.3	24.8	37.2

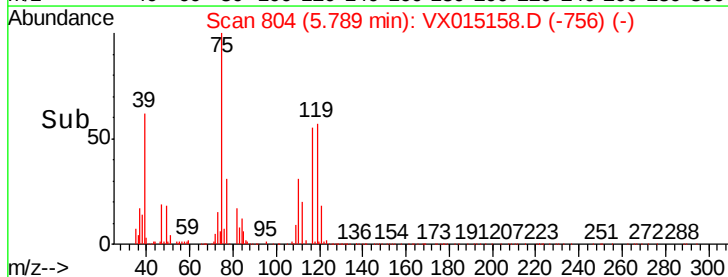
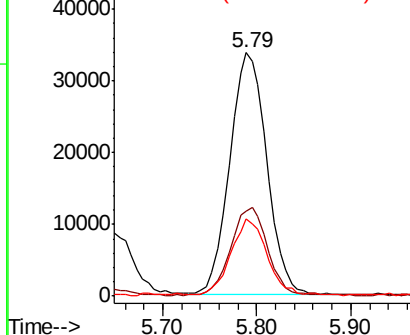


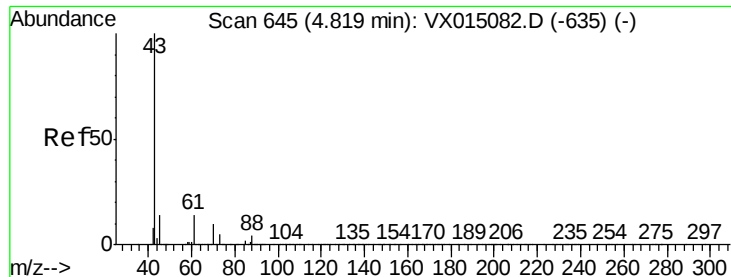
Abundance

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

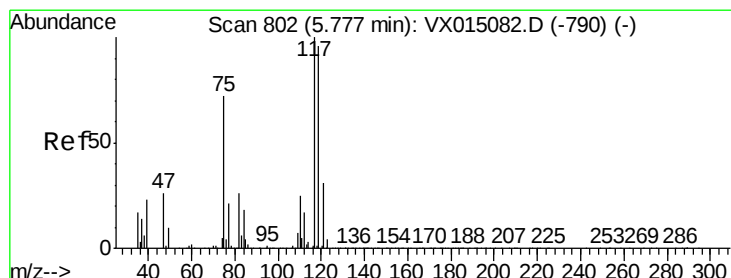
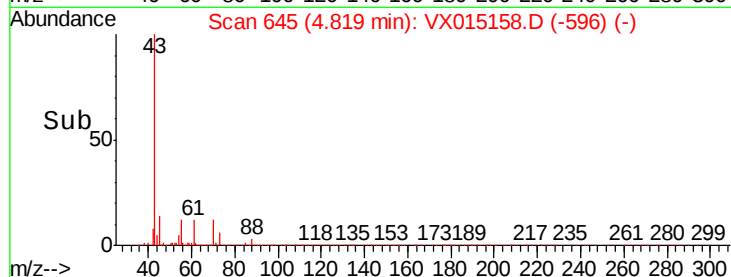
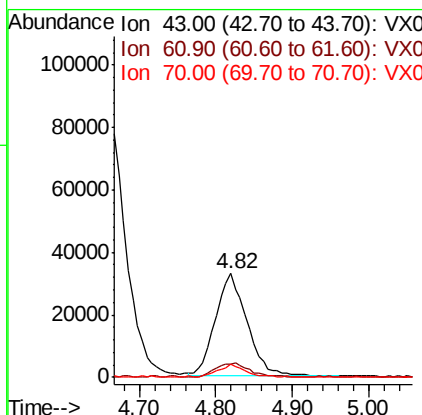
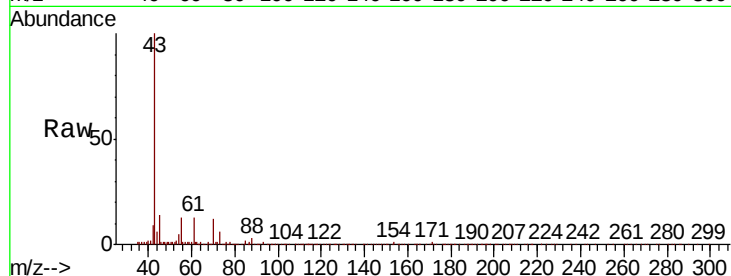




#37
Ethyl Acetate
Concen: 21.311 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

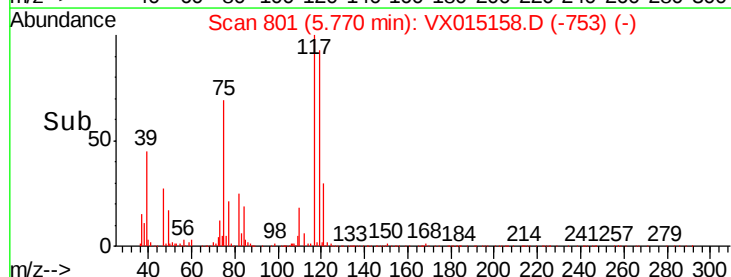
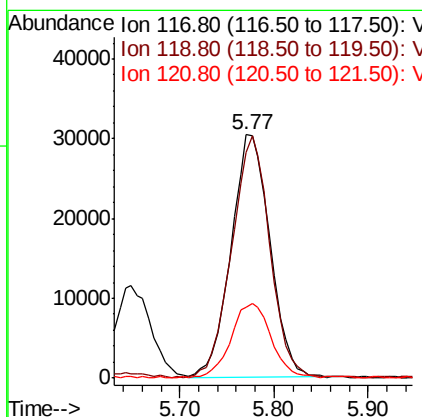
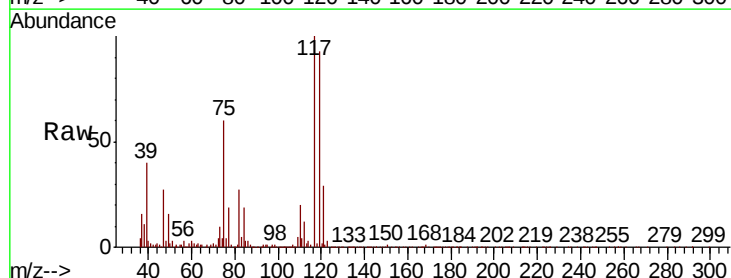
Instrument :
MSVOA_X
ClientSampleId :

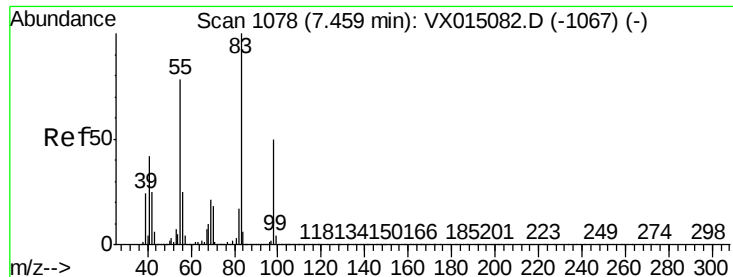
Tot Ion: 43 Resp: 94154
Ion Ratio Lower Upper
43 100
61 15.5 11.0 16.4
70 9.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.465 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 117 Resp: 87512
Ion Ratio Lower Upper
117 100
119 92.9 76.9 115.3
121 29.1 24.6 37.0

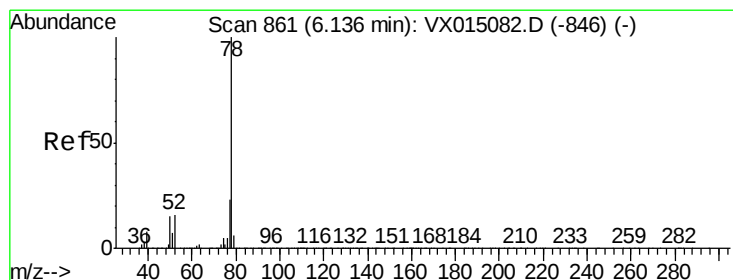
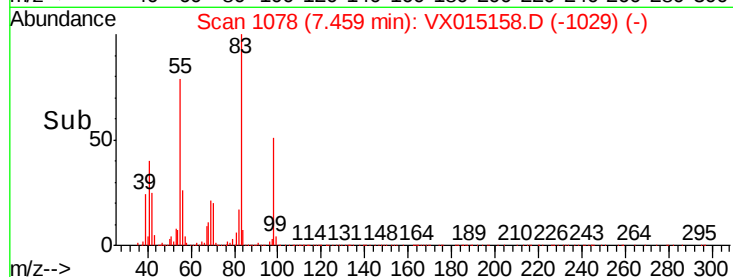
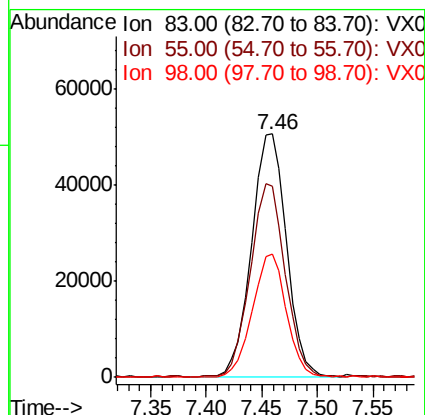
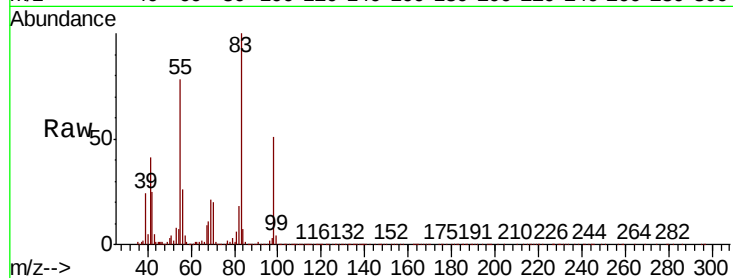




#39
Methvlcvclohexane
Concen: 19.973 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

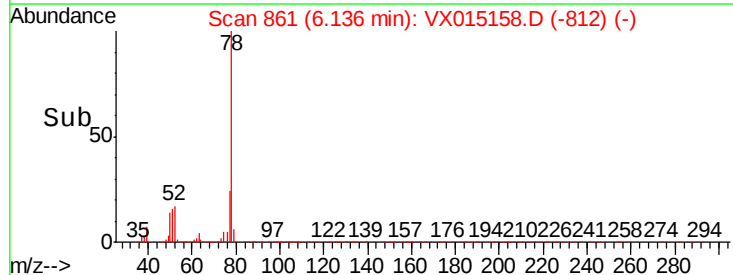
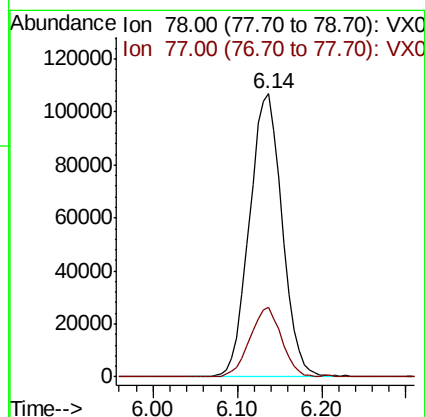
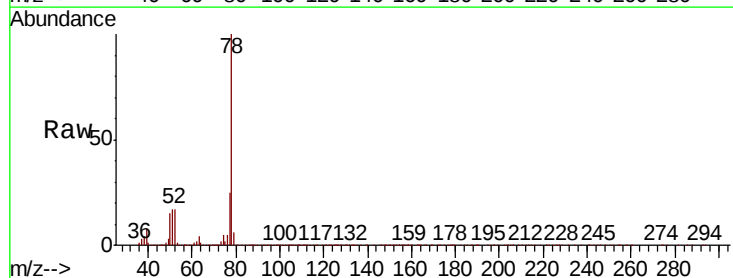
Instrument :
MSVOA_X
ClientSampleId :

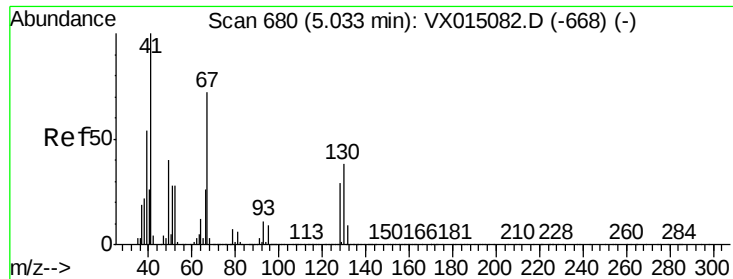
Tot Ion: 83 Resp: 111081
Ion Ratio Lower Upper
83 100
55 78.2 62.4 93.6
98 50.7 39.7 59.5



#40
Benzene
Concen: 20.054 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 78 Resp: 283388
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

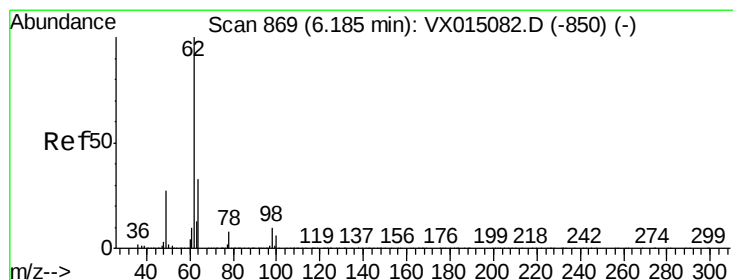
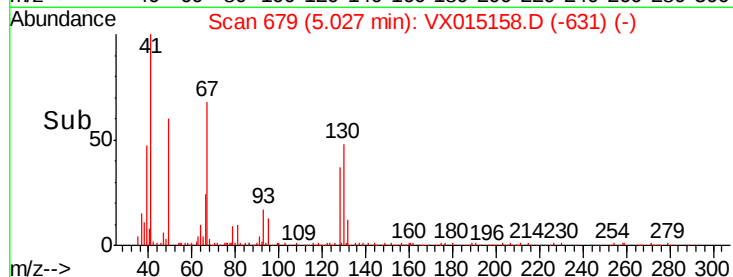
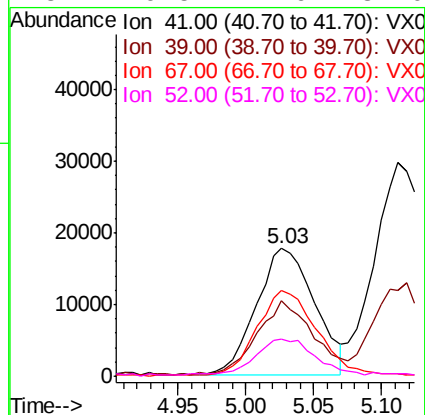
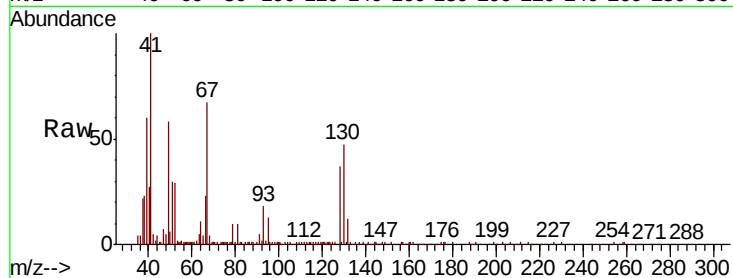




#41
Methacrylonitrile
Concen: 19.935 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

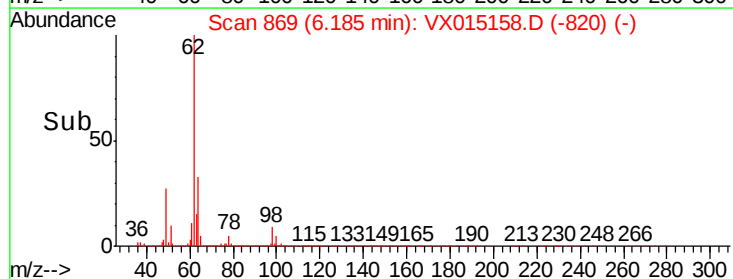
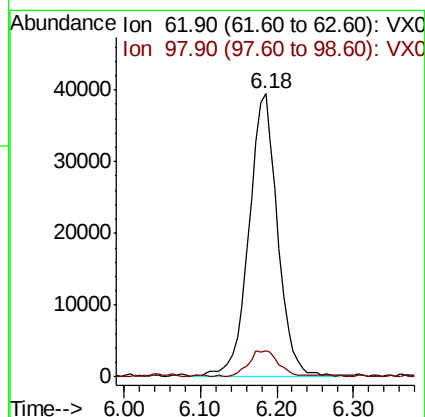
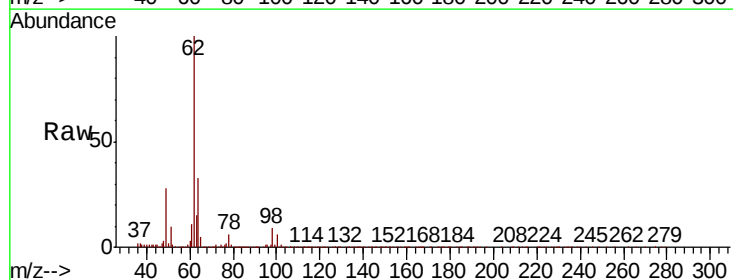
Instrument :
MSVOA_X
ClientSampleId :

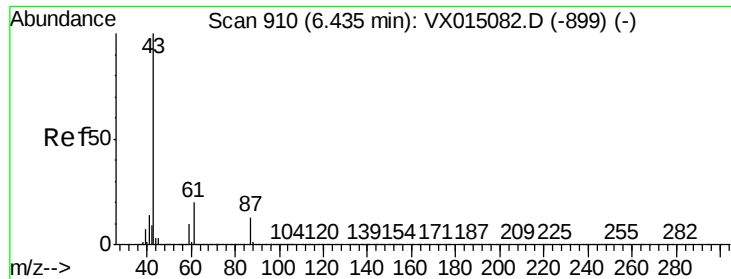
Tot Ion:	41	Resp:	52903
Ion	Ratio	Lower	Upper
41	100		
39	57.8	43.9	65.9
67	68.4	57.8	86.8
52	29.5	22.6	34.0



#42
1,2-Dichloroethane
Concen: 21.062 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion:	62	Resp:	102210
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6



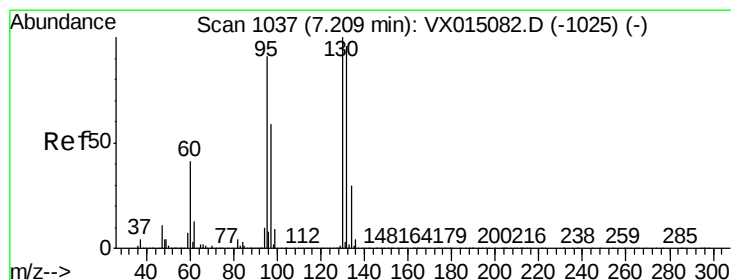
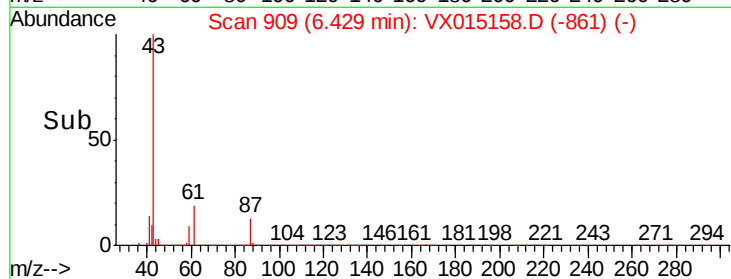
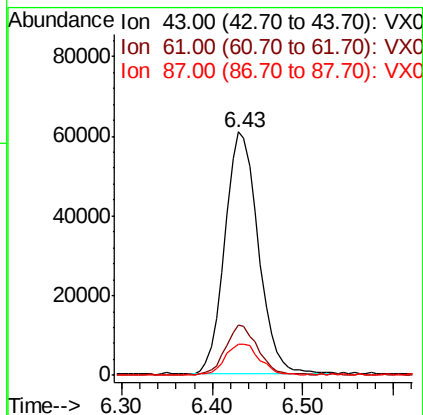
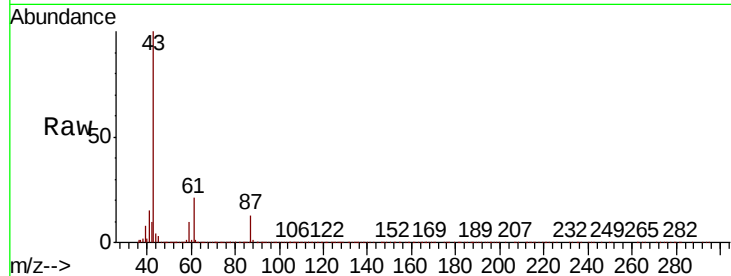


#43

Isopropyl Acetate
 Concen: 20.103 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :

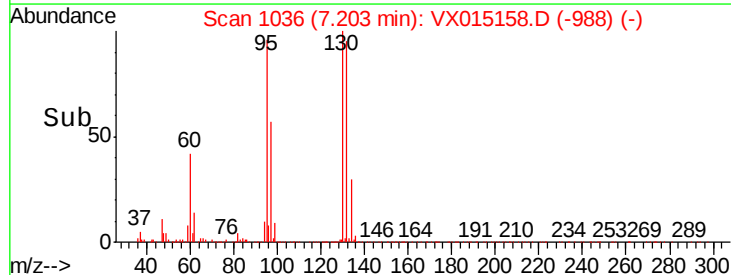
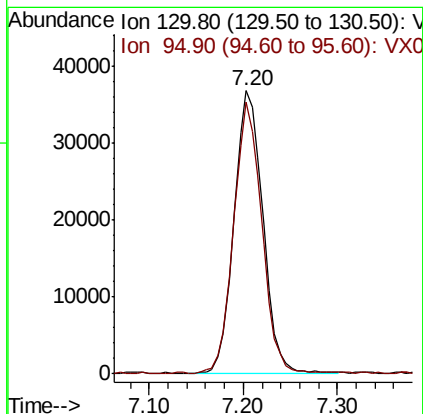
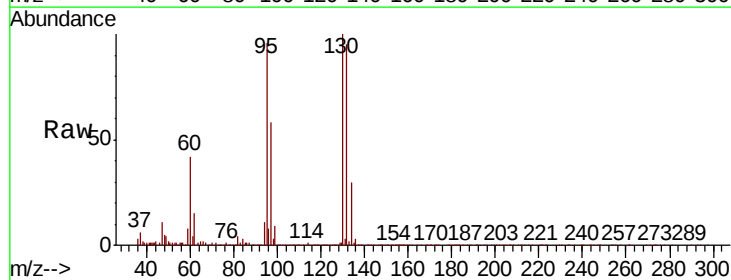
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	13.0	10.6	16.0

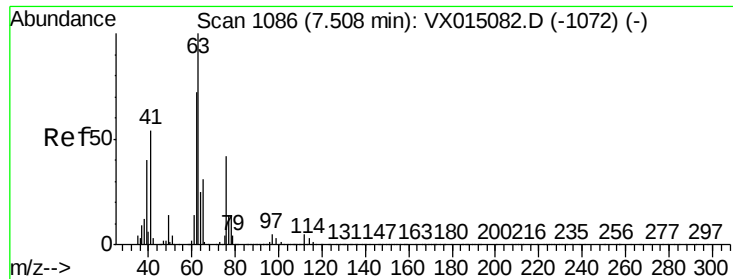


#44

Trichloroethene
 Concen: 20.010 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	181.2

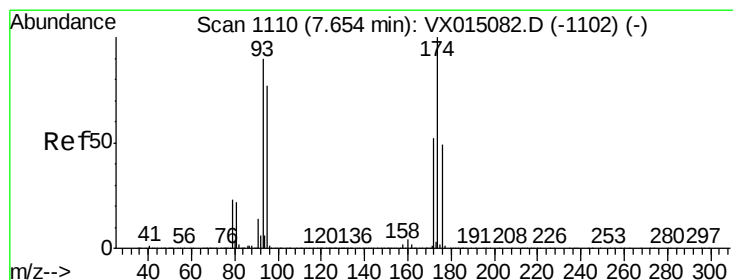
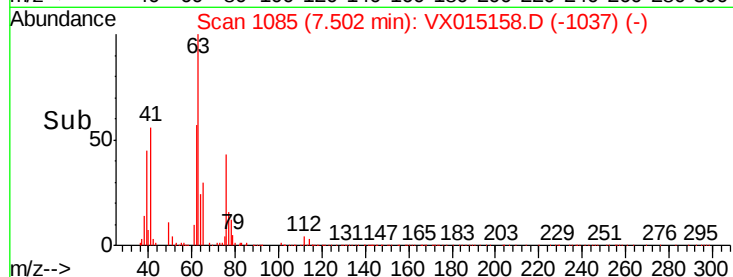
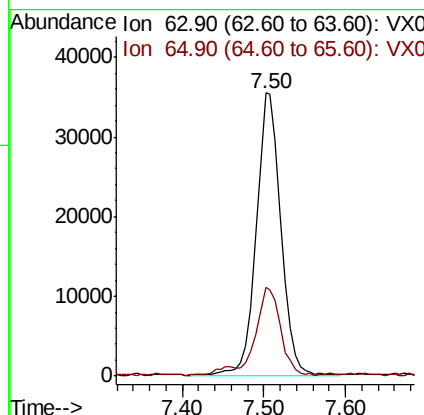
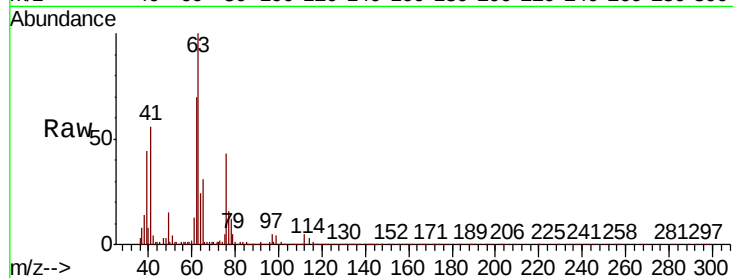




#45
 1,2-Dichloropropane
 Concen: 20.428 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

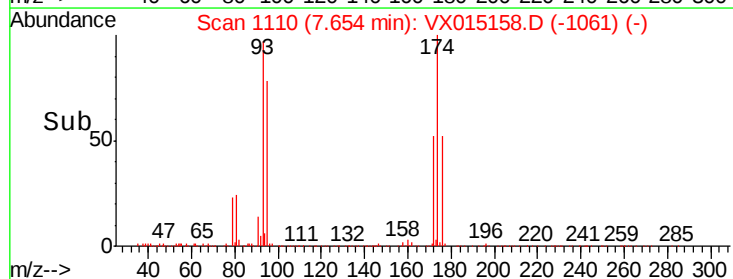
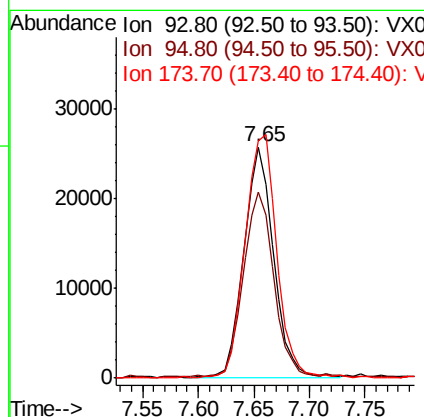
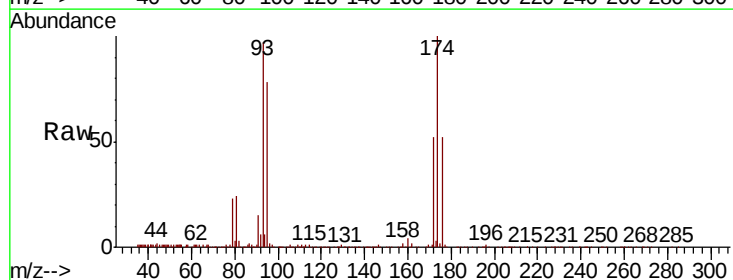
Instrument :
 MSVOA_X
 ClientSampleId :

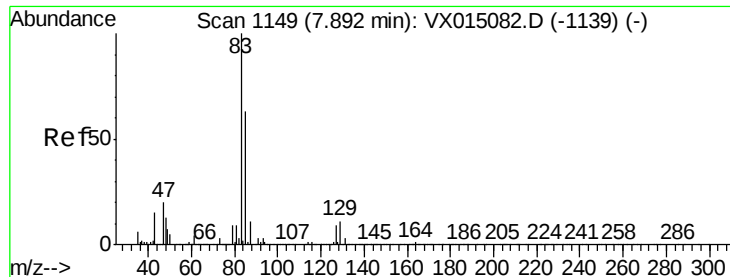
Tot Ion: 63 Resp: 74718
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 20.267 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion: 93 Resp: 48303
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.8 101.8
 174 110.5 91.0 136.4





#47

Bromodichloromethane

Concen: 20.346 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :

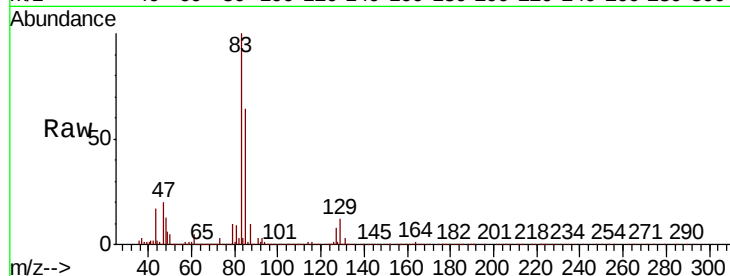
Tot Ion: 83 Resp: 95891

Ion Ratio Lower Upper

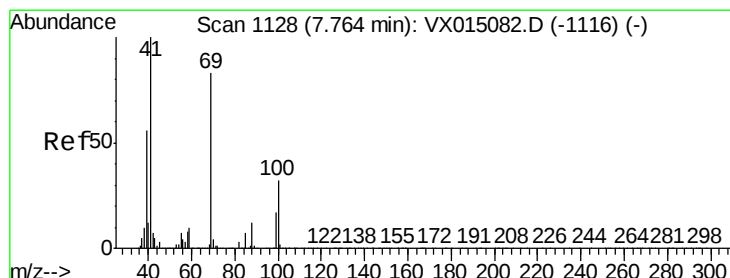
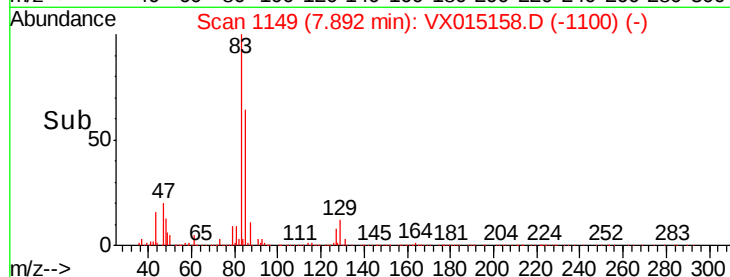
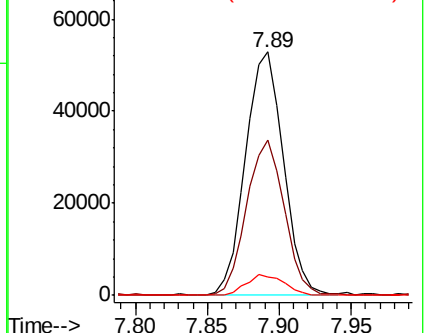
83 100

85 63.4 50.6 75.8

127 7.4 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: 19.058 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

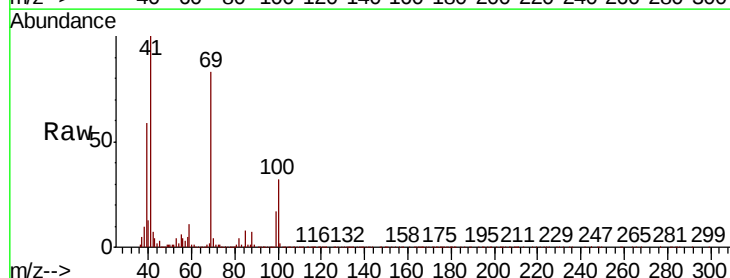
Tgt Ion: 41 Resp: 75392

Ion Ratio Lower Upper

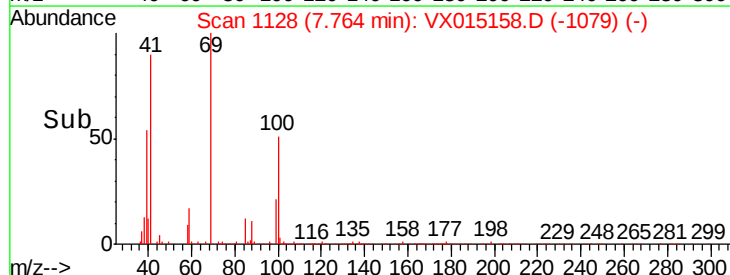
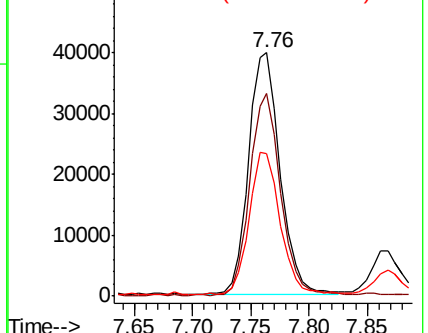
41 100

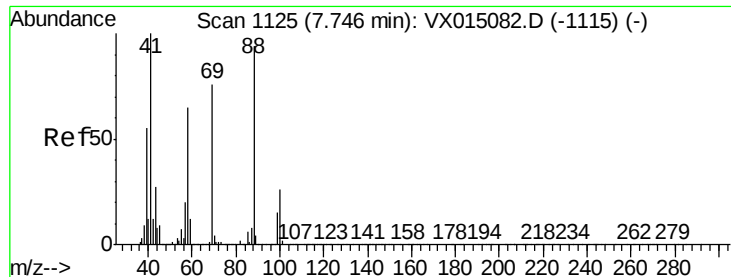
69 81.1 65.4 98.2

39 57.9 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

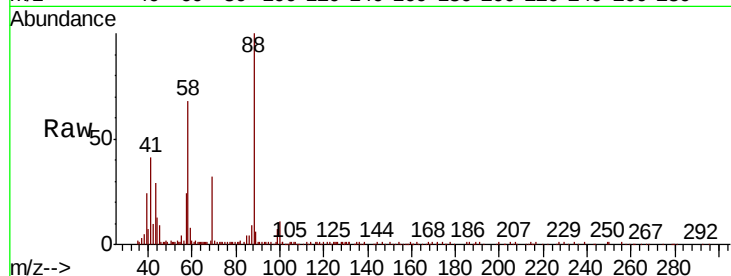




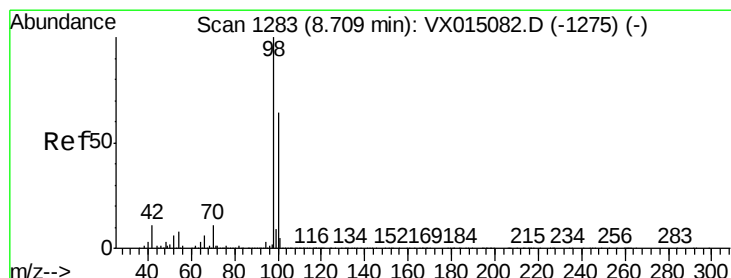
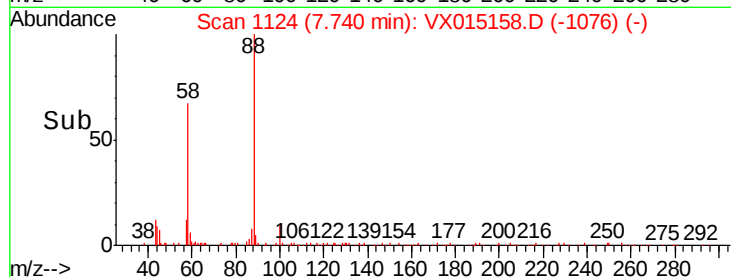
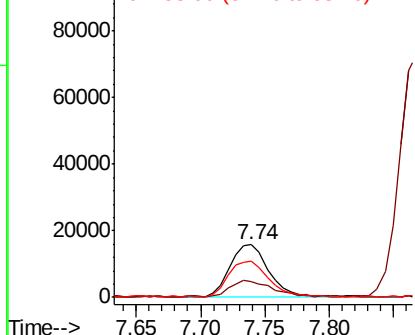
#49
1,4-Dioxane
Concen: 386.822 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 33085
Ion Ratio Lower Upper
88 100
43 33.7 27.0 40.4
58 72.5 55.6 83.4

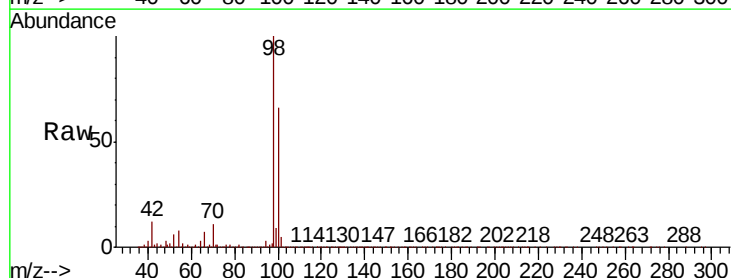


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

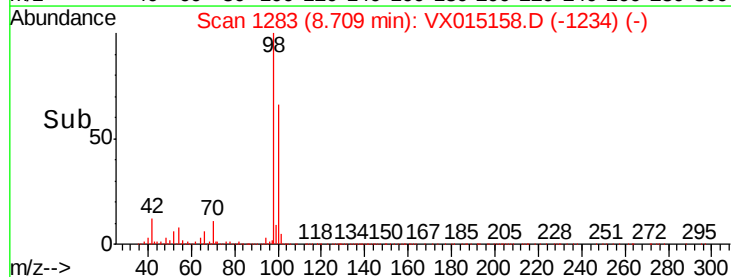
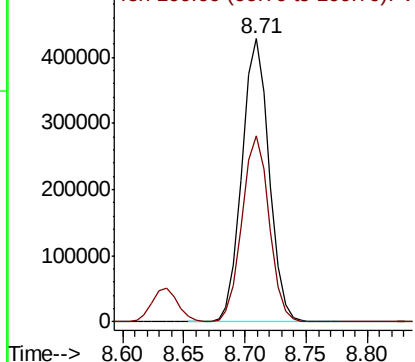


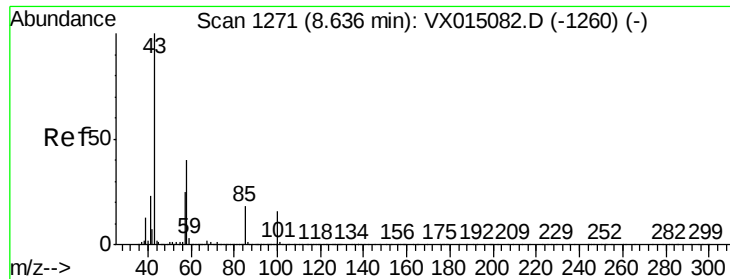
#50
Toluene-d8
Concen: 53.284 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 98 Resp: 658800
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 105.039 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

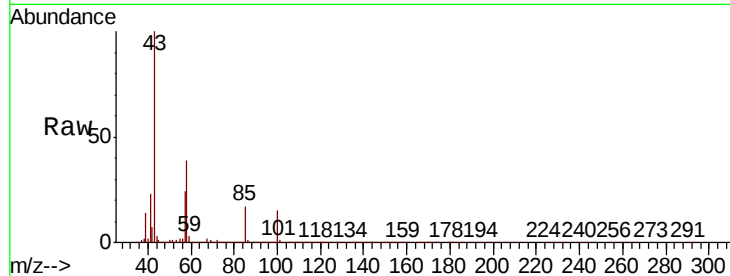
ClientSampleId :

Tot Ion: 43 Resp: 482704

Ion Ratio Lower Upper

43 100

58 39.4 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

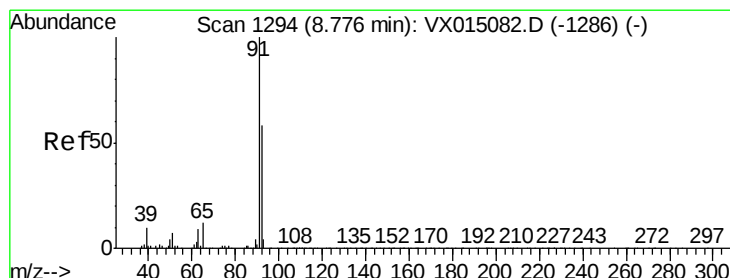
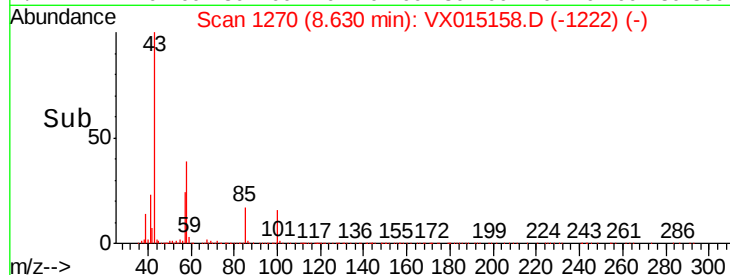
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.444 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015158.D

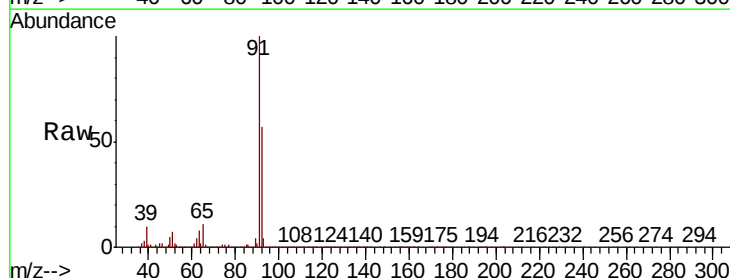
Acq: 10 Mar 2020 10:14

Tgt Ion: 92 Resp: 176643

Ion Ratio Lower Upper

92 100

91 172.4 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

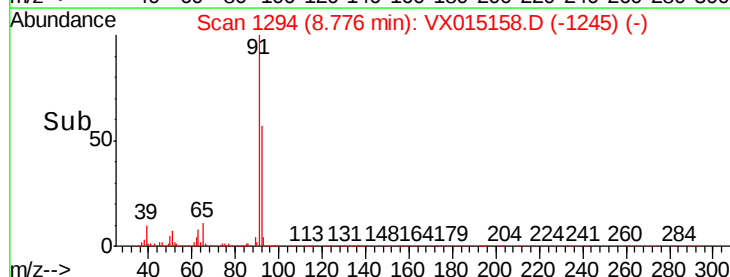
150000

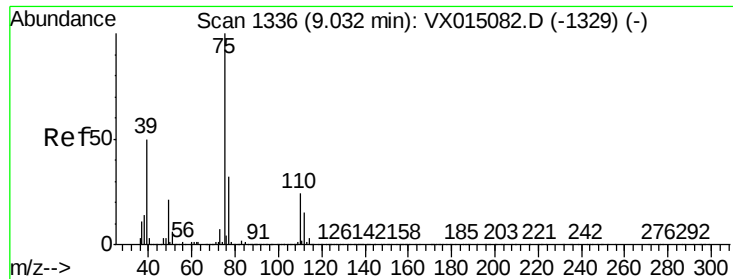
100000

50000

0

Time-->

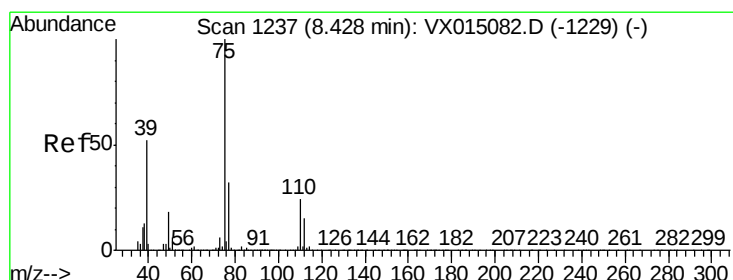
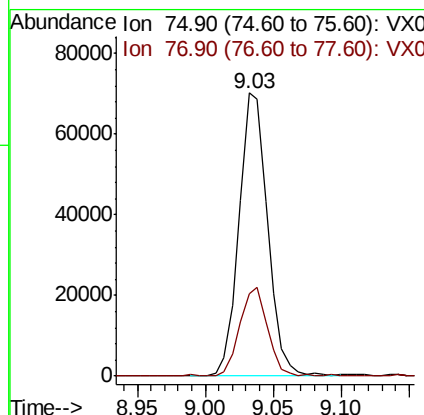
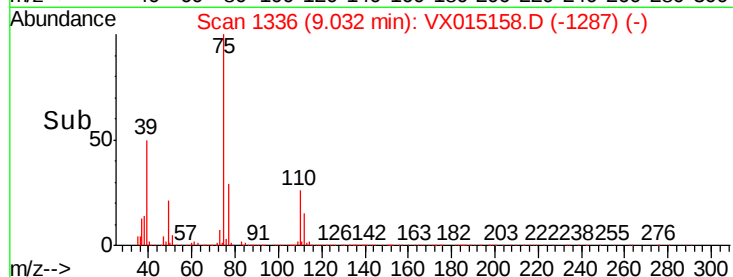
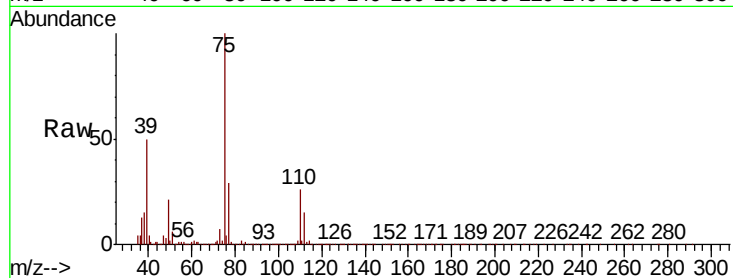




#53
t-1,3-Dichloropropene
Concen: 20.404 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

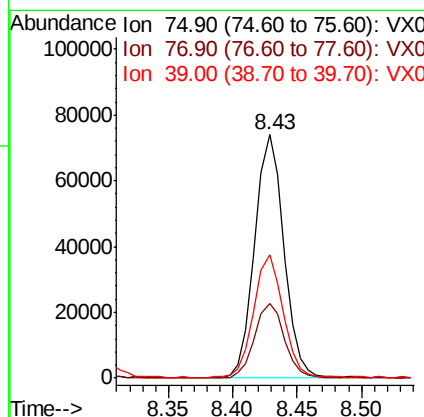
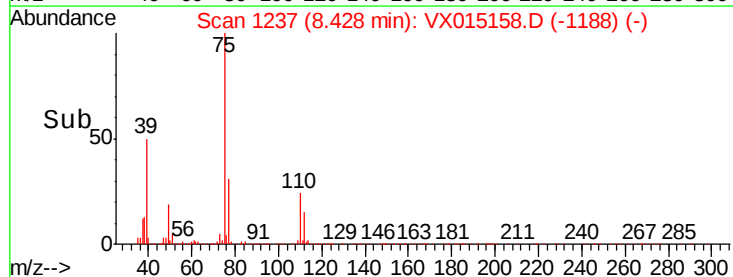
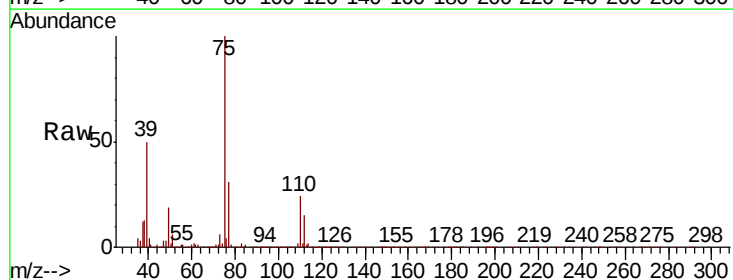
Instrument :
MSVOA_X
ClientSampleId :

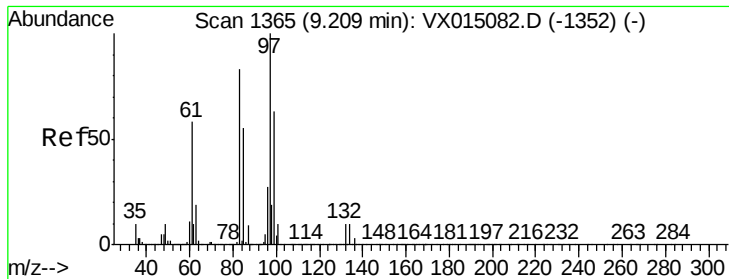
Tot Ion: 75 Resp: 102356
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.368 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 75 Resp: 115509
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
39 50.3 41.3 61.9

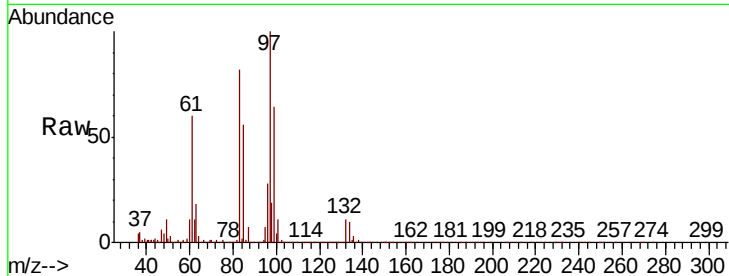




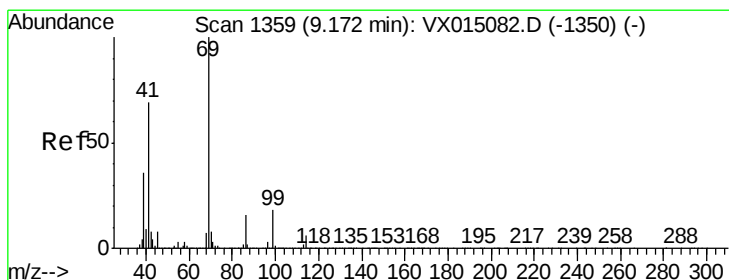
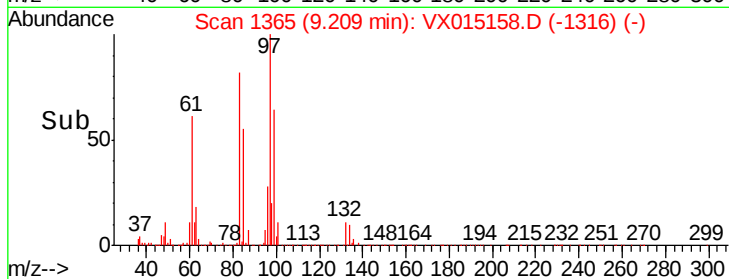
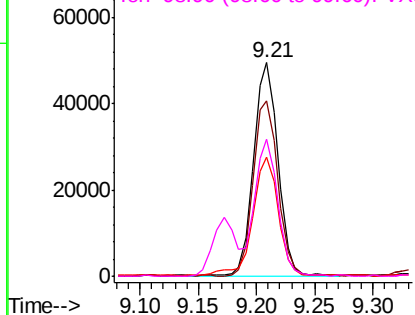
#55
 1,1,2-Trichloroethane
 Concen: 20.310 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	72230
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.4	99.6
85	55.5	43.5	65.3
99	64.2	50.7	76.1

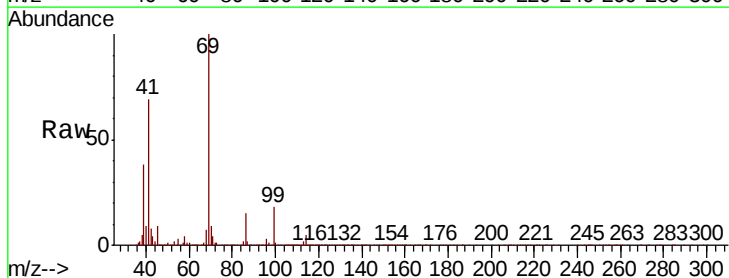


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

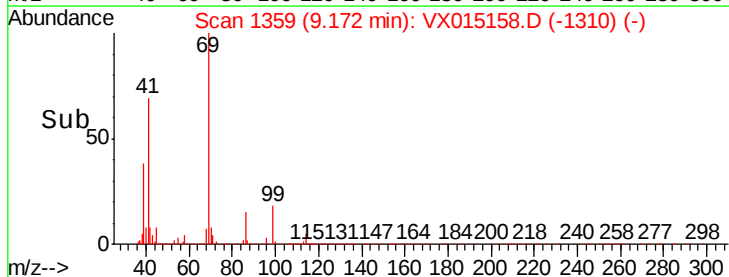
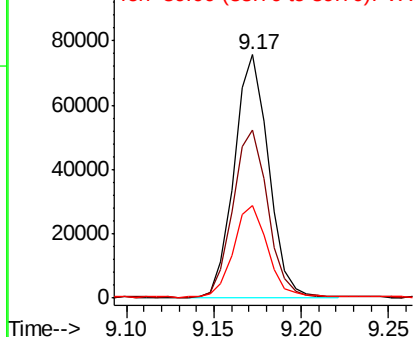


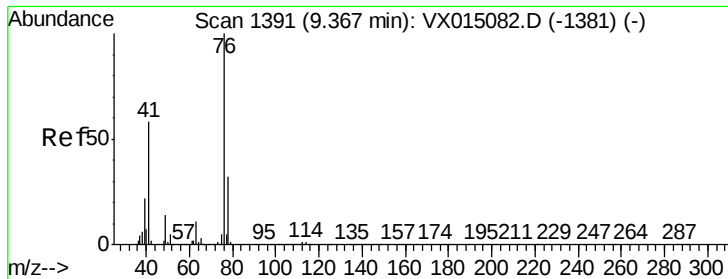
#56
 Ethyl methacrylate
 Concen: 20.458 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion:	69	Resp:	103774
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.8
39	37.5	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: 20.467 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

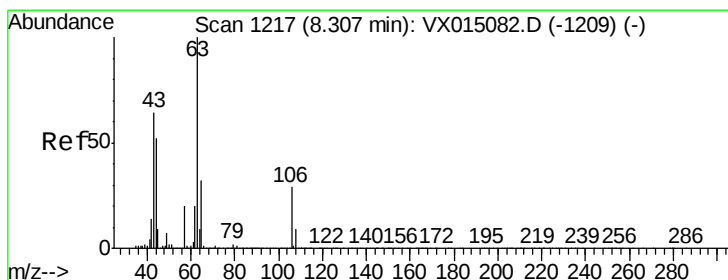
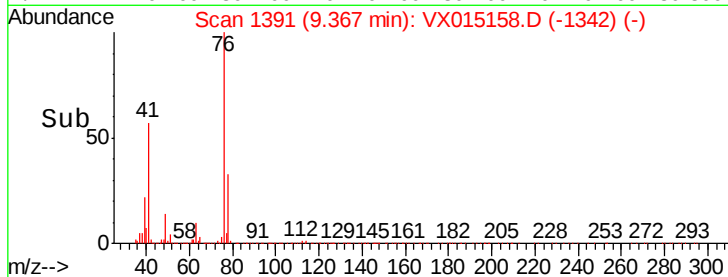
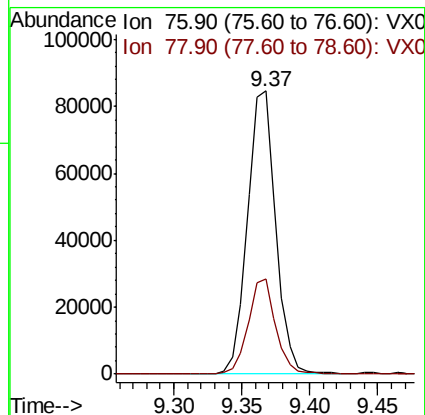
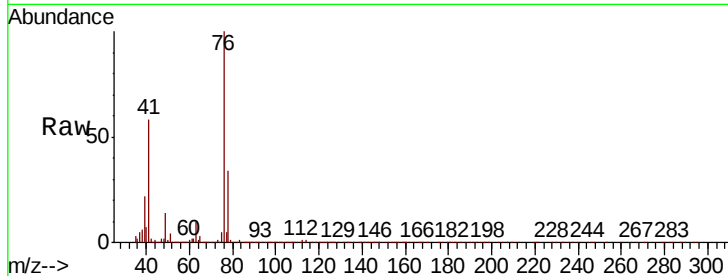
ClientSampleId :

Tot Ion: 76 Resp: 122452

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.325 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015158.D

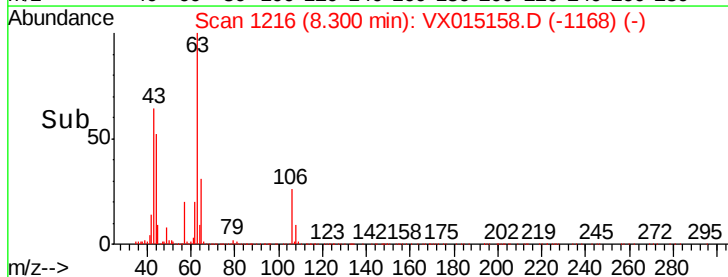
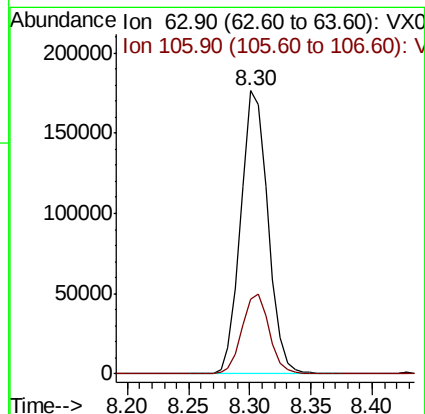
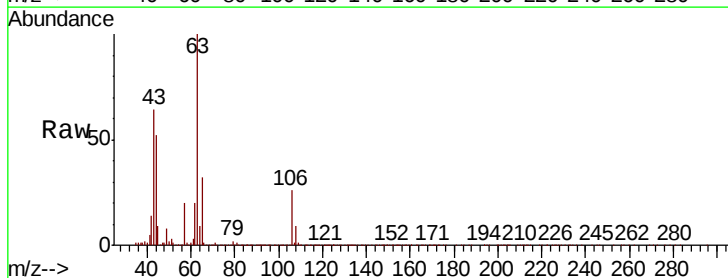
Acq: 10 Mar 2020 10:14

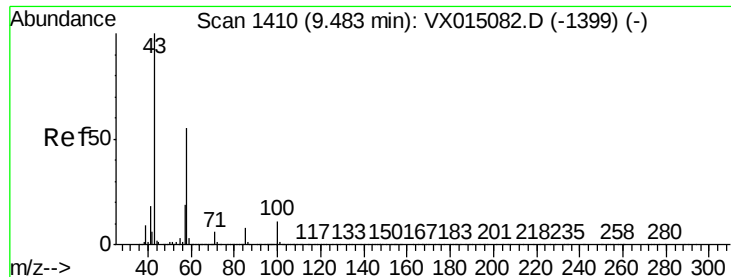
Tgt Ion: 63 Resp: 271713

Ion Ratio Lower Upper

63 100

106 28.4 22.8 34.2

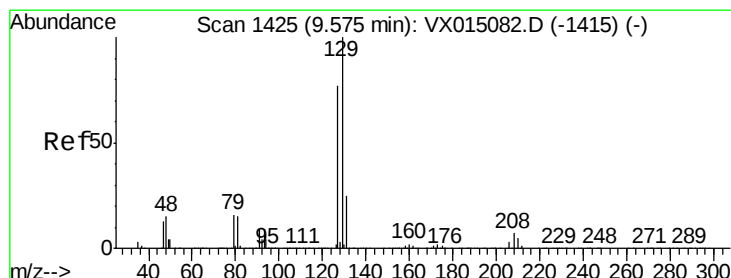
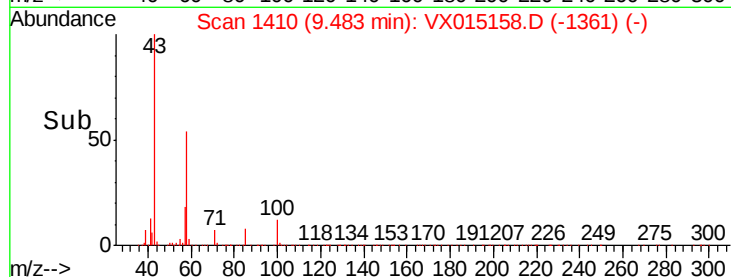
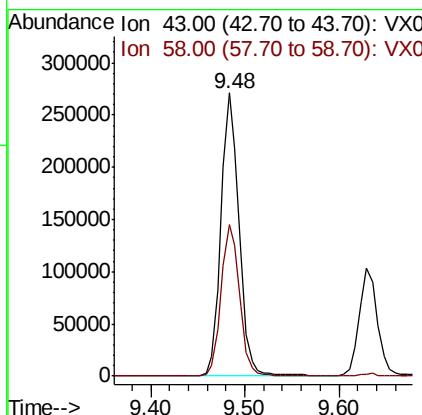
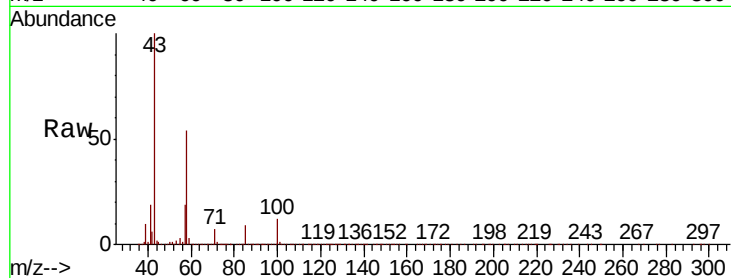




#59
2-Hexanone
Concen: 105.819 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

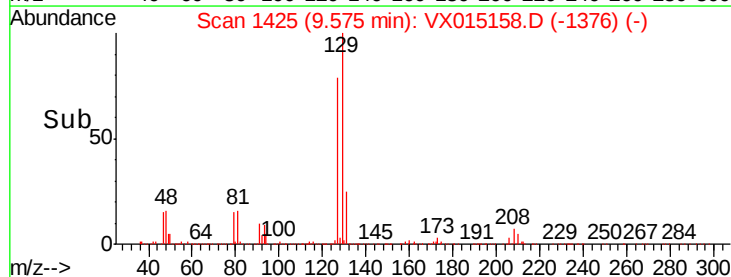
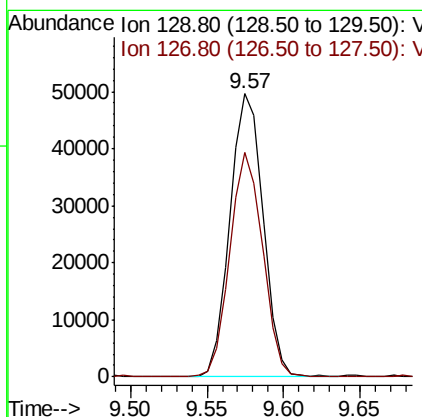
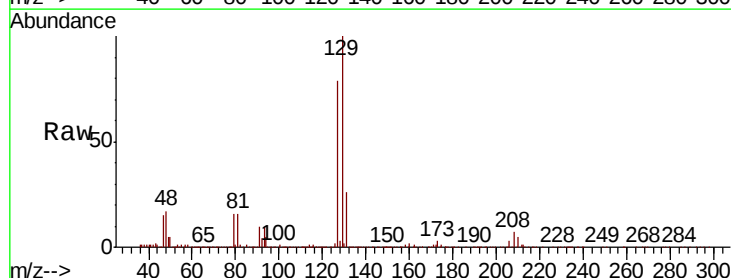
Instrument :
MSVOA_X
ClientSampleId :

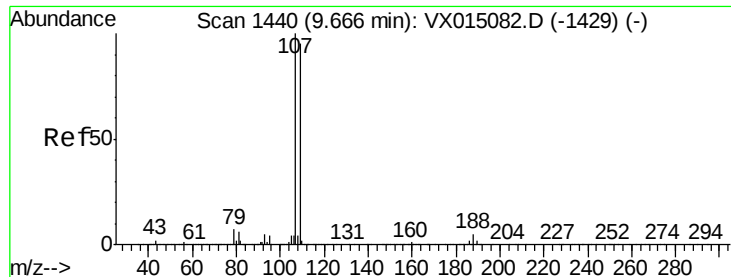
Tot Ion: 43 Resp: 360430
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 19.975 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 129 Resp: 74620
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.952 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

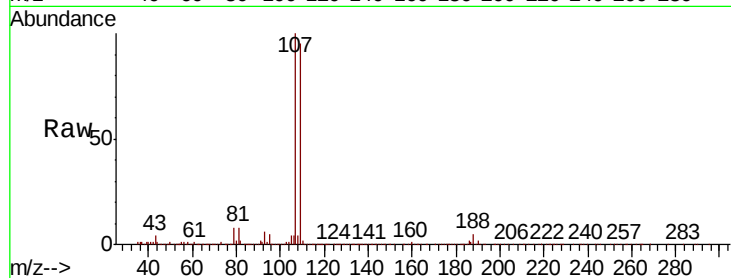
ClientSampleId :

Tot Ion:107 Resp: 74526

Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

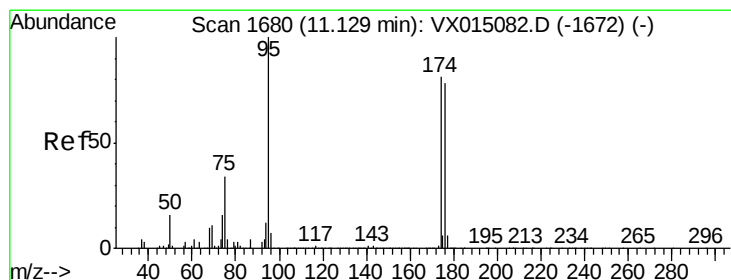
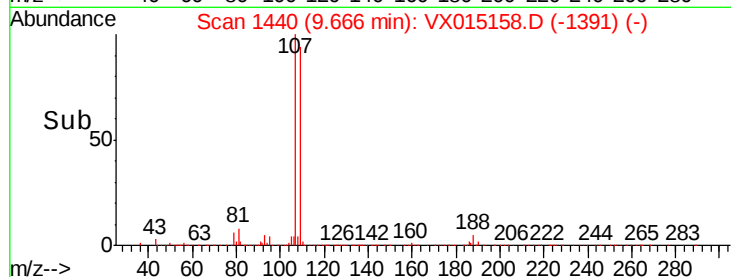
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.848 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

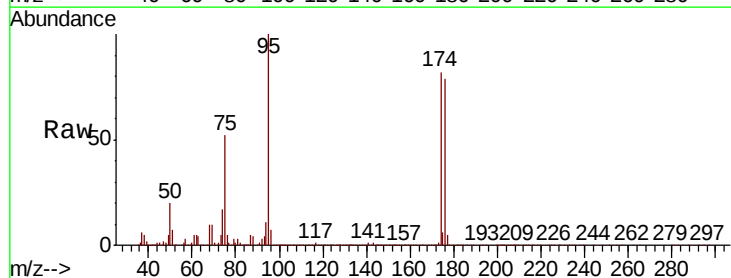
Tgt Ion: 95 Resp: 233065

Ion Ratio Lower Upper

95 100

174 88.3 0.0 177.6

176 85.6 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

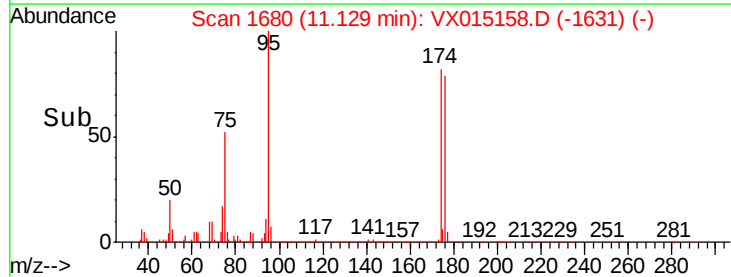
100000

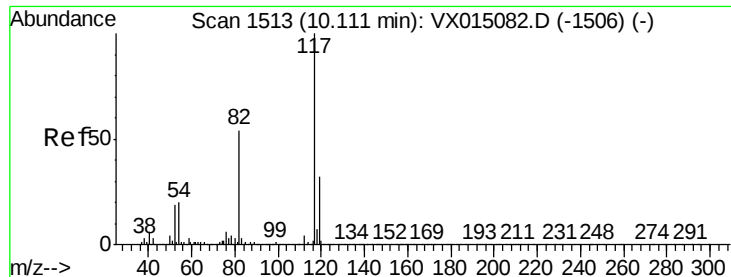
50000

0

11.00 11.10 11.20

Time-->

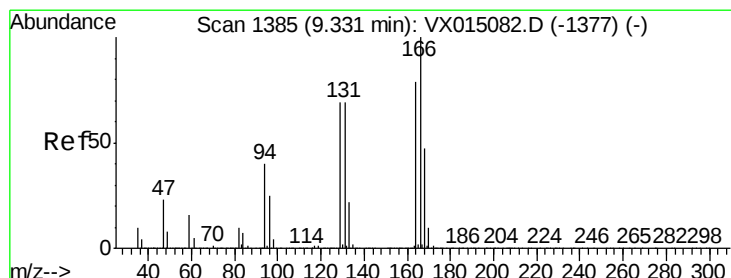
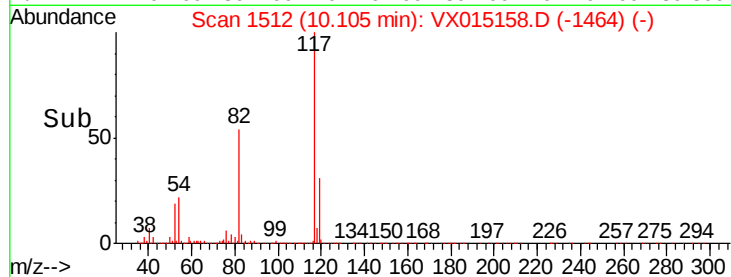
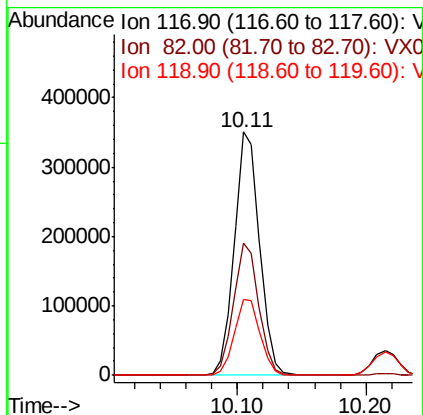
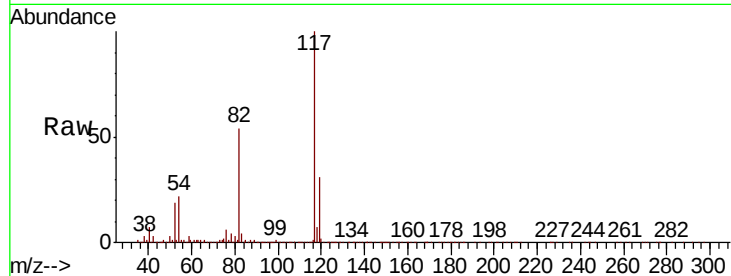




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

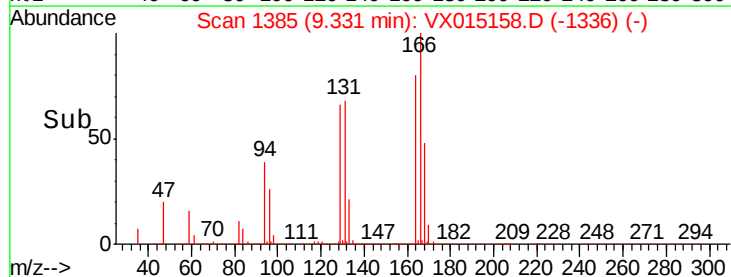
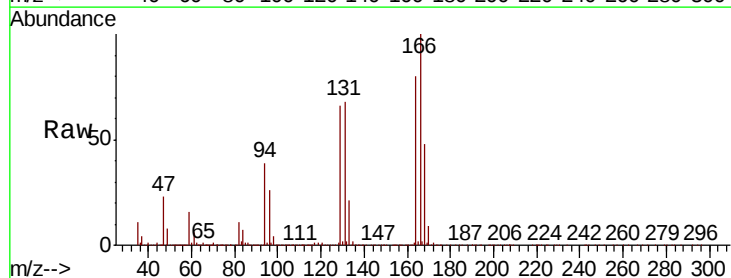
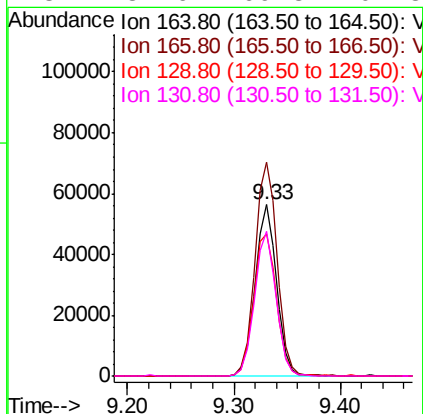
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.3	64.9
119	31.0	25.8	38.8



#64
Tetrachloroethene
Concen: 20.100 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.1	151.7
129	82.4	69.4	104.0
131	84.6	69.8	104.8





#65

Chlorobenzene

Concen: 19.886 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

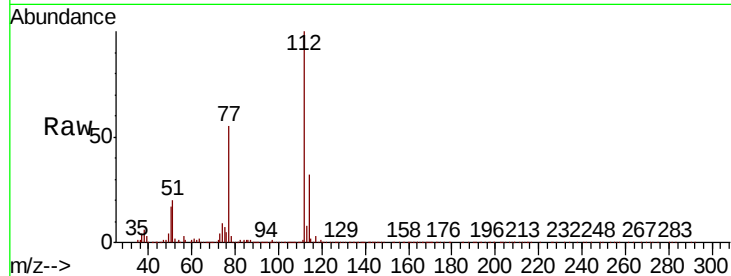
ClientSampleId :

Tot Ion:112 Resp: 190845

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

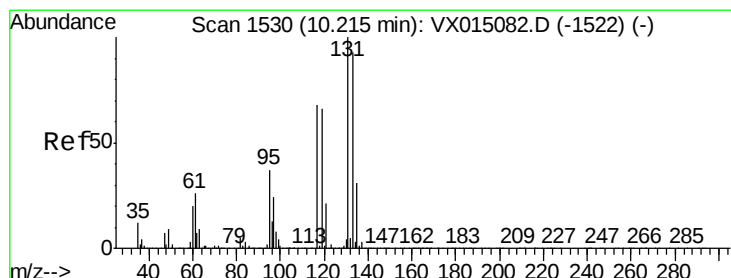
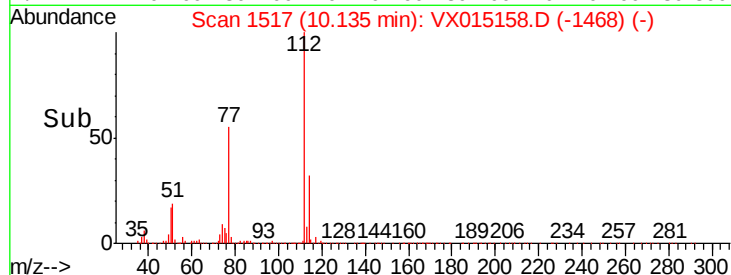
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.775 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

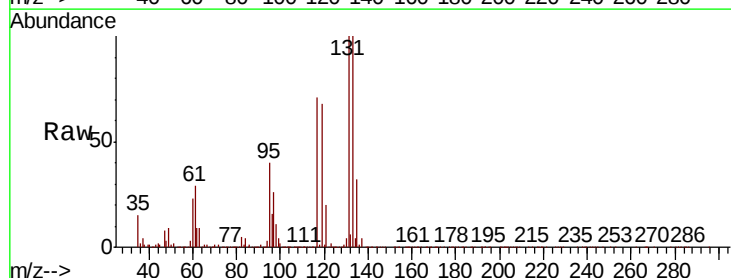
Tgt Ion:131 Resp: 71559

Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.5

119 64.1 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

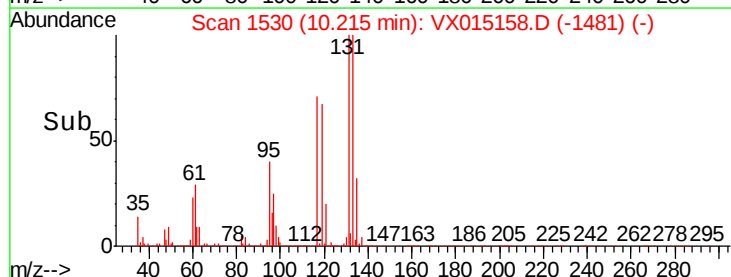
150000

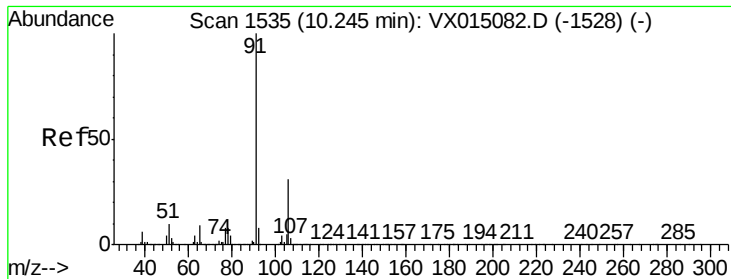
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.508 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

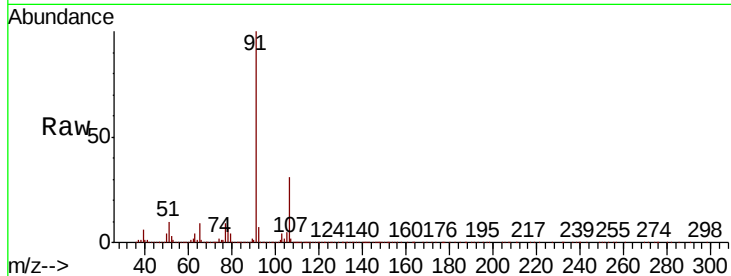
ClientSampleId :

Tot Ion: 91 Resp: 334204

Ion Ratio Lower Upper

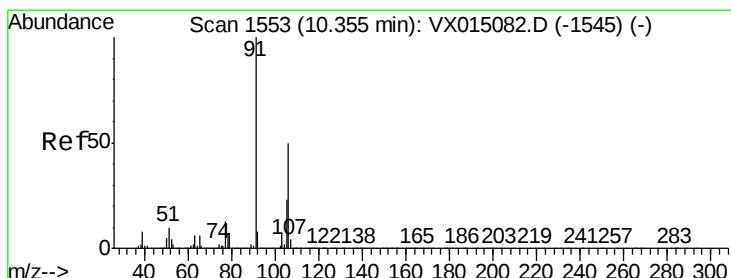
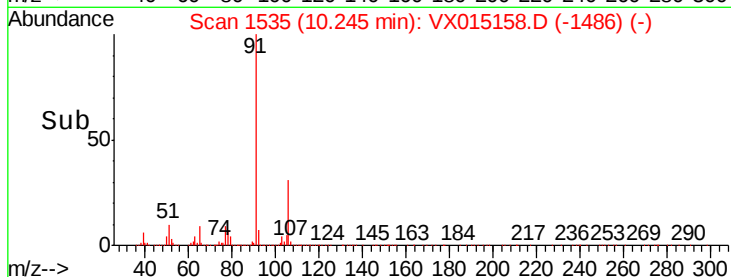
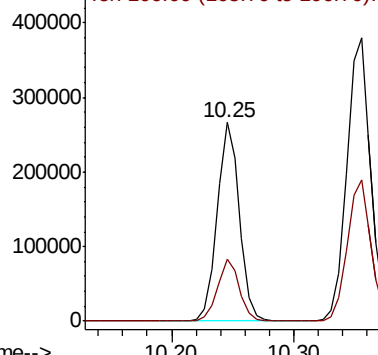
91 100

106 31.2 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.174 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015158.D

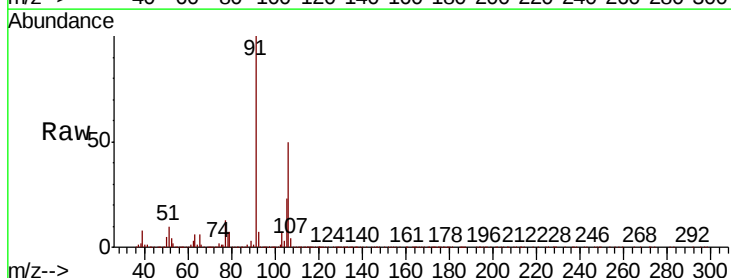
Acq: 10 Mar 2020 10:14

Tgt Ion: 106 Resp: 255287

Ion Ratio Lower Upper

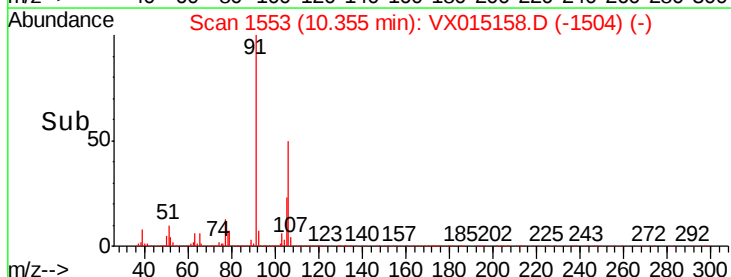
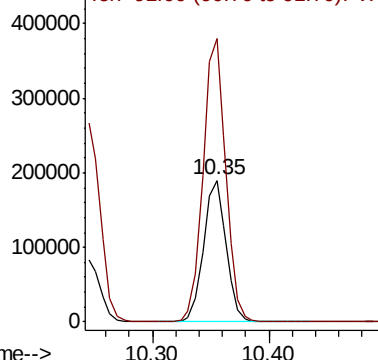
106 100

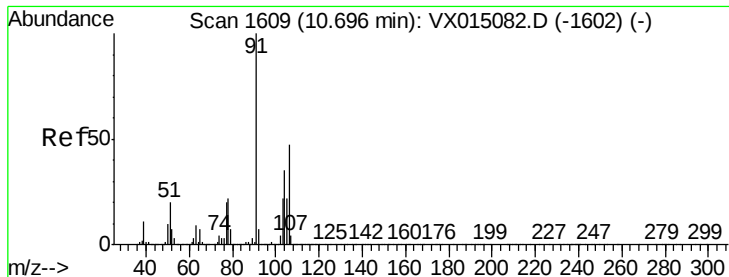
91 200.6 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

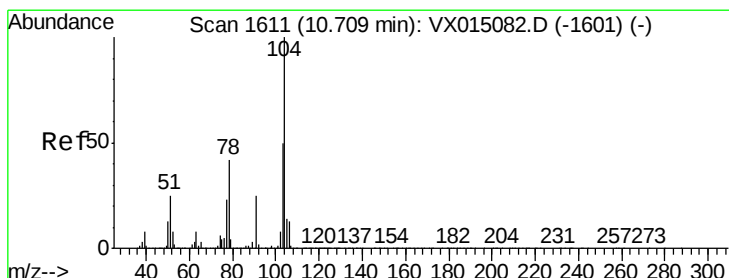
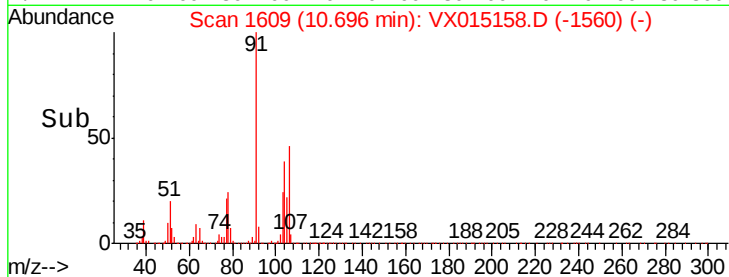
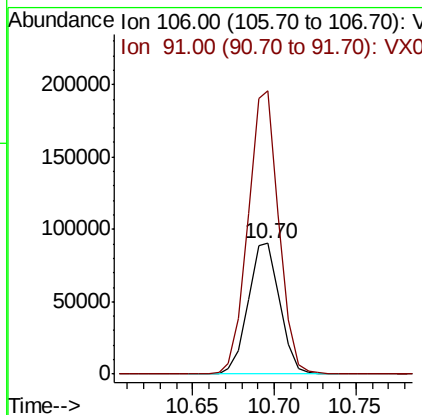
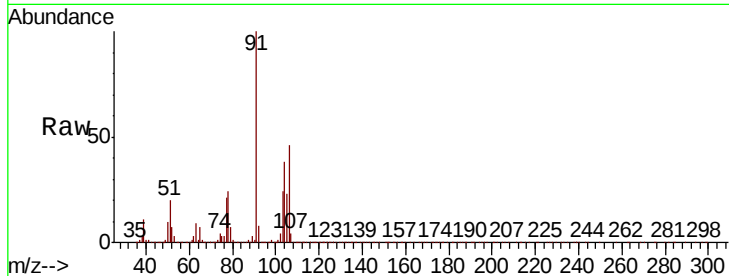




#69
o-Xylene
Concen: 20.560 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

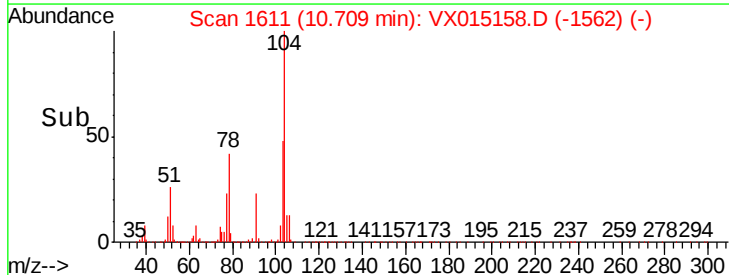
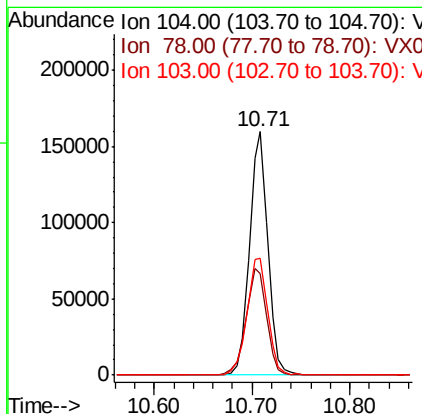
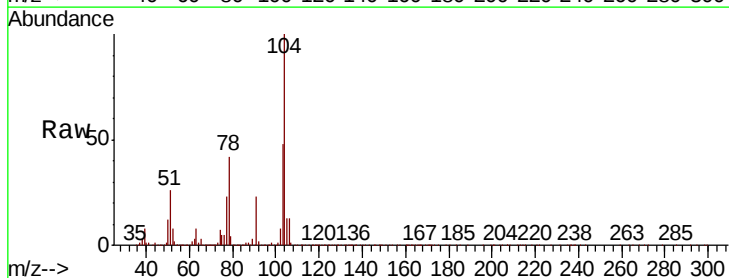
Instrument :
MSVOA_X
ClientSampled :

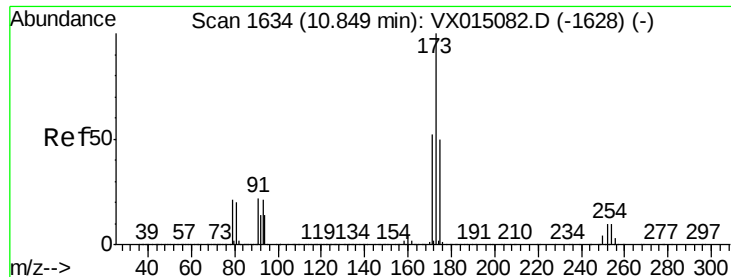
Tot Ion:106 Resp: 122050
Ion Ratio Lower Upper
106 100
91 210.1 105.4 316.1



#70
Styrene
Concen: 20.305 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion:104 Resp: 206677
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 54.4 43.7 65.5





#71

Bromoform

Concen: 19.893 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

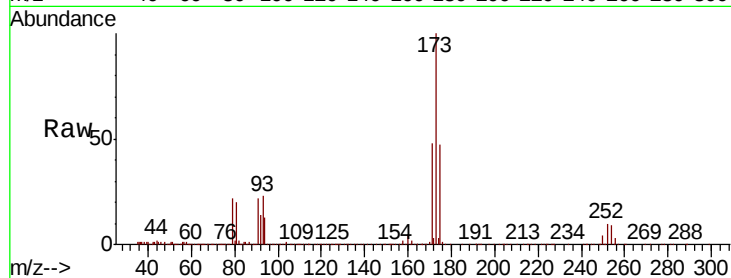
Tot Ion:173 Resp: 55823

Ion Ratio Lower Upper

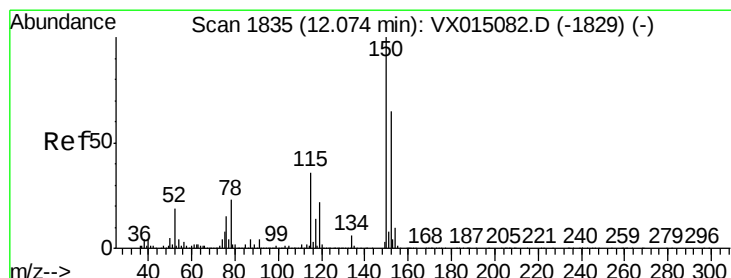
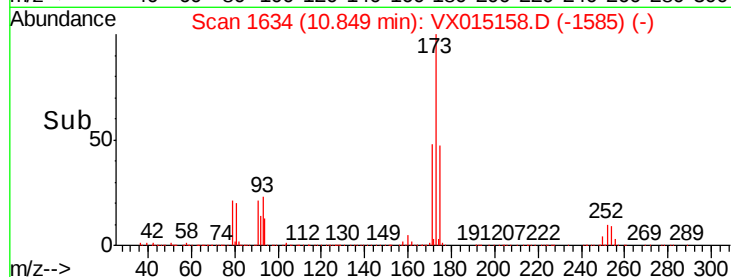
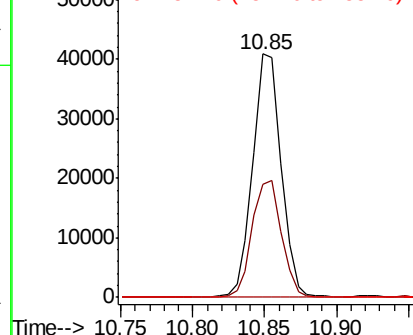
173 100

175 49.8 24.9 74.7

254 0.3 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: VX015158.D

Acq: 10 Mar 2020 10:14

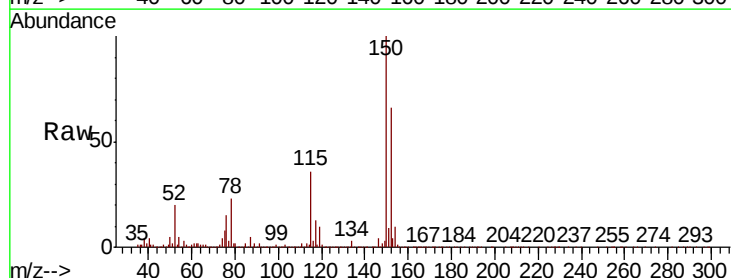
Tgt Ion:152 Resp: 248331

Ion Ratio Lower Upper

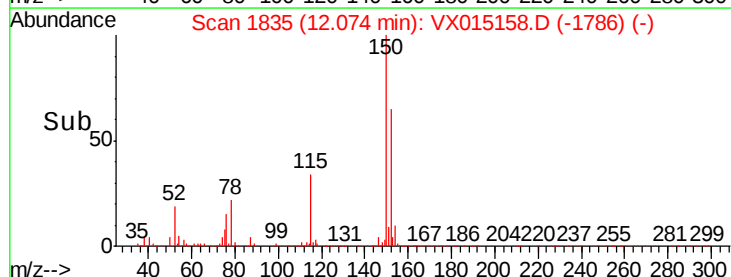
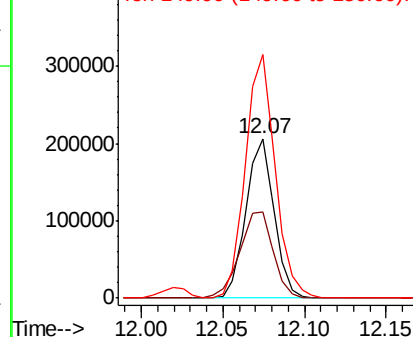
152 100

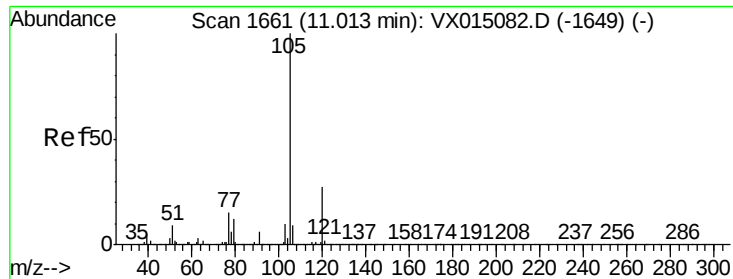
115 64.0 38.2 114.6

150 161.9 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: 20.774 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

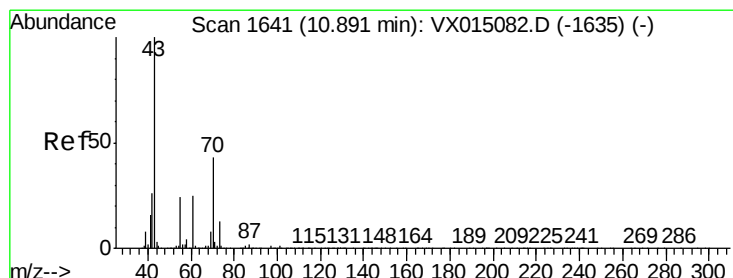
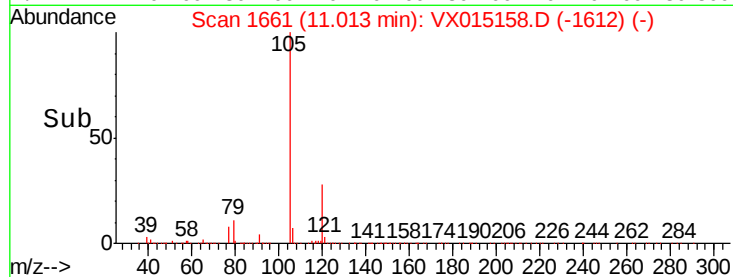
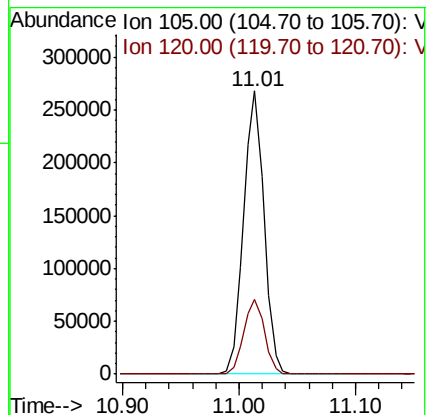
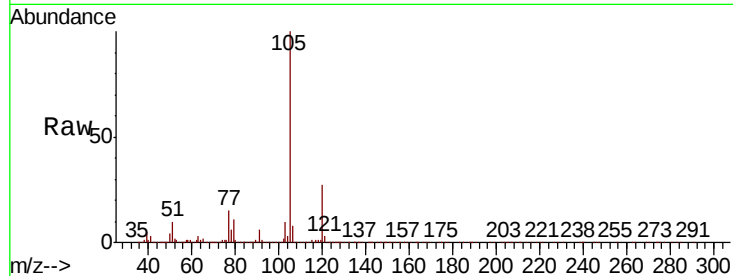
ClientSampleId :

Tot Ion:105 Resp: 329550

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.535 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion: 43 Resp: 130603

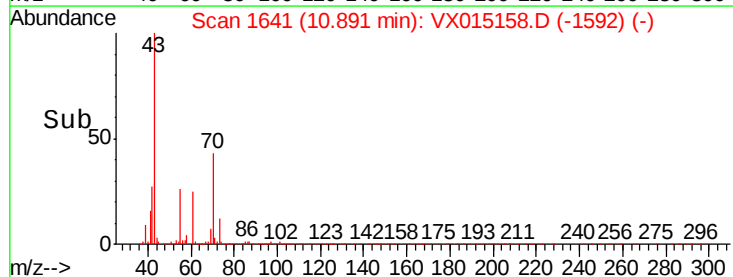
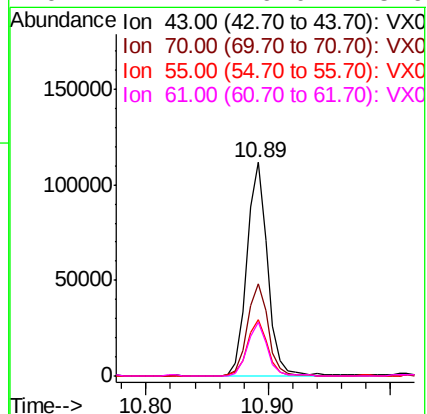
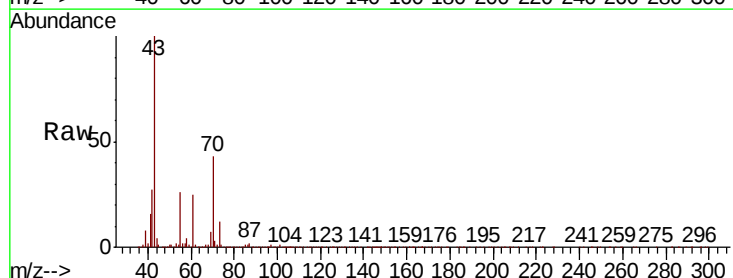
Ion Ratio Lower Upper

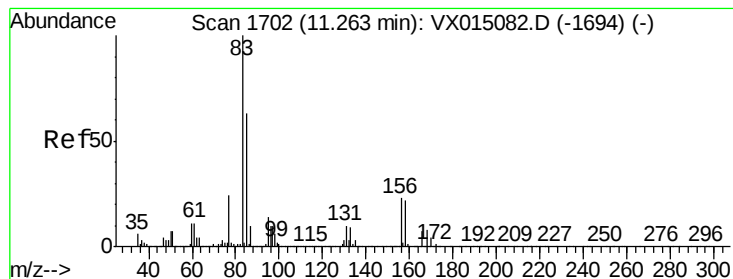
43 100

70 43.8 34.7 52.1

55 25.9 19.4 29.0

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.279 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampled :

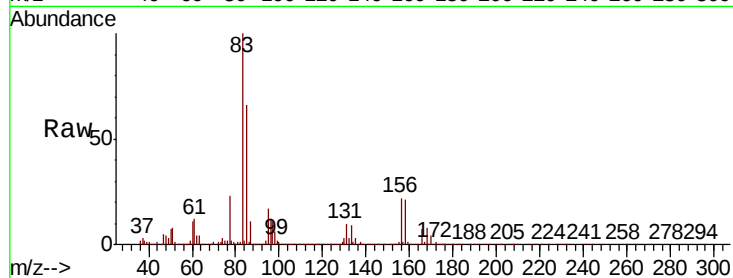
Tot Ion: 83 Resp: 107212

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

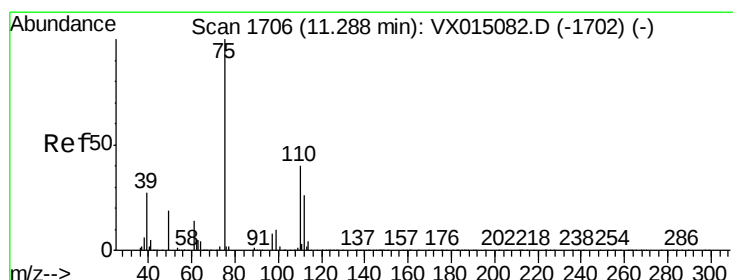
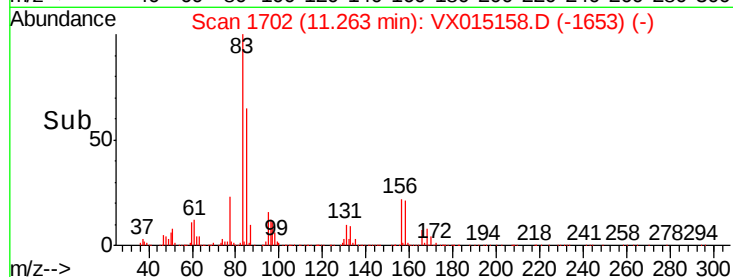
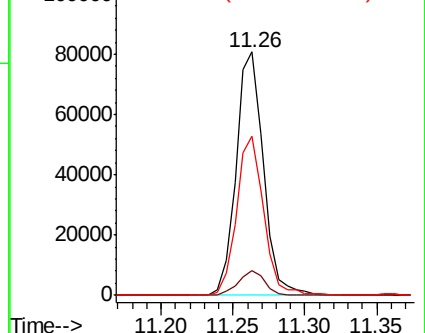
85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.160 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015158.D

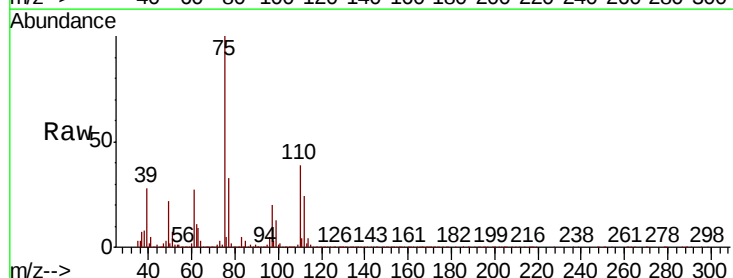
Acq: 10 Mar 2020 10:14

Tgt Ion: 75 Resp: 114724

Ion Ratio Lower Upper

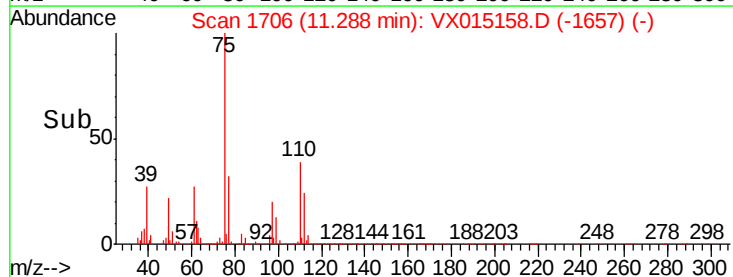
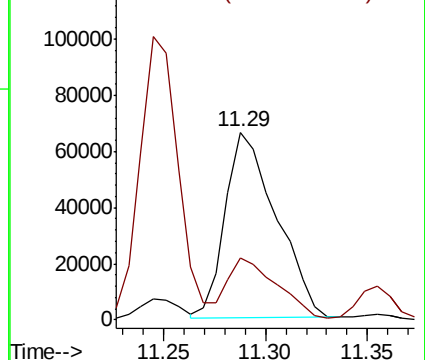
75 100

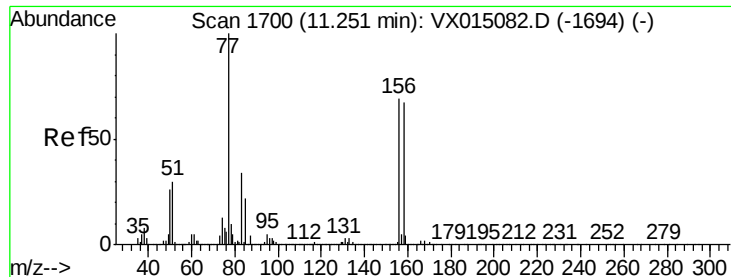
77 33.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.811 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

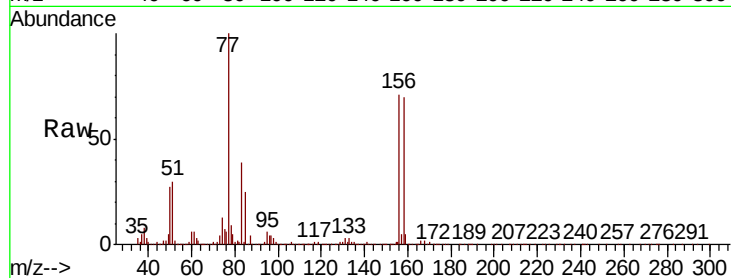
Tot Ion:156 Resp: 87584

Ion Ratio Lower Upper

156 100

77 148.7 75.3 225.9

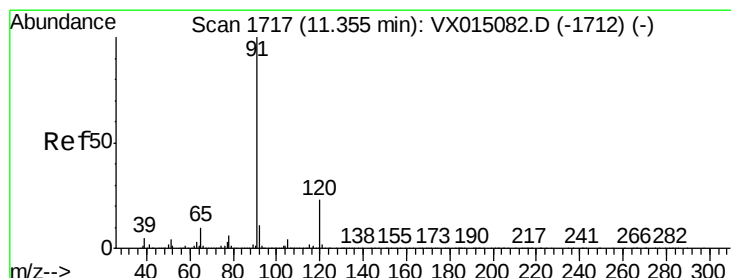
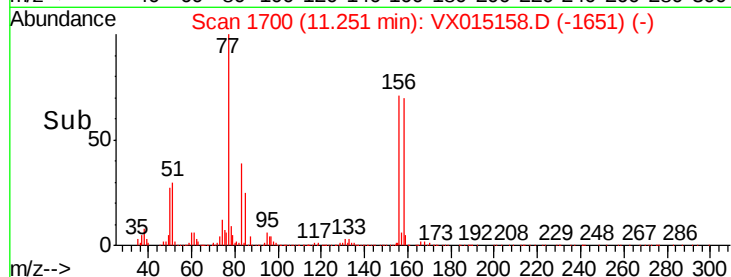
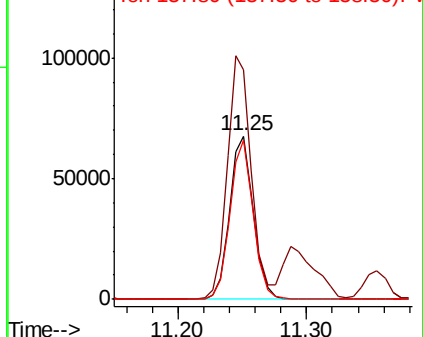
158 95.1 48.5 145.6



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: 20.854 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015158.D

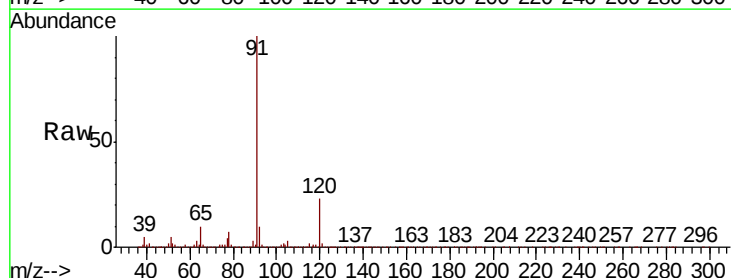
Acq: 10 Mar 2020 10:14

Tgt Ion: 91 Resp: 377941

Ion Ratio Lower Upper

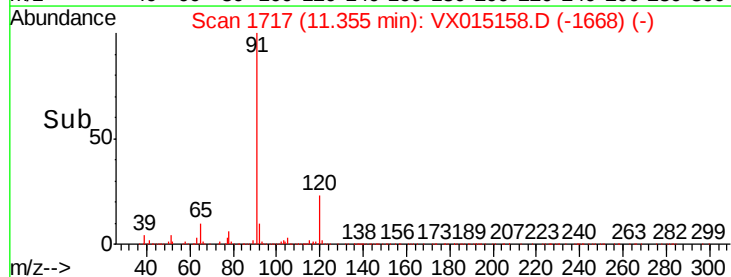
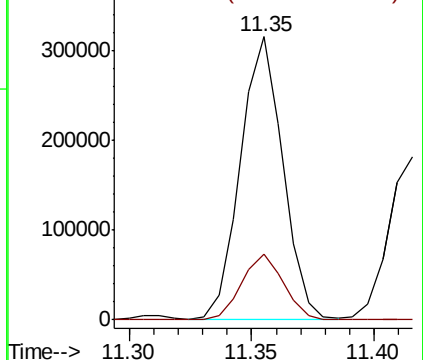
91 100

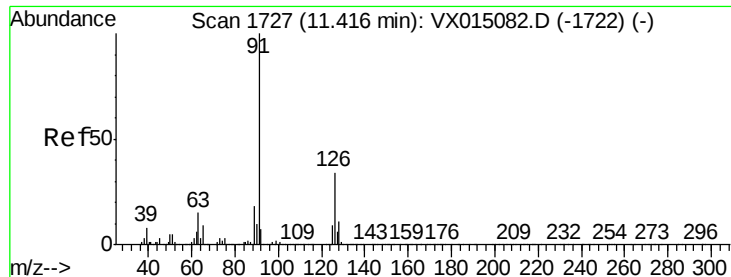
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.694 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

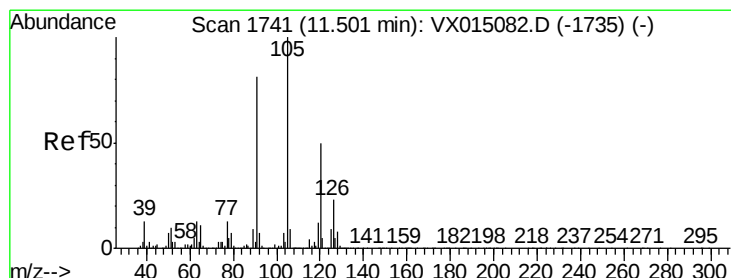
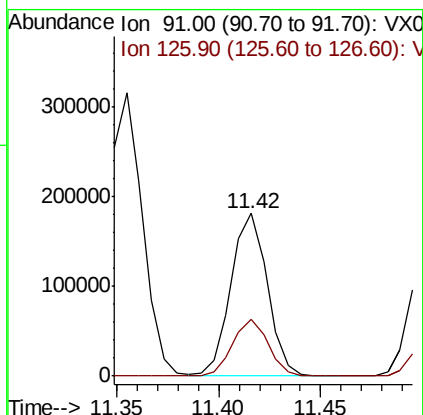
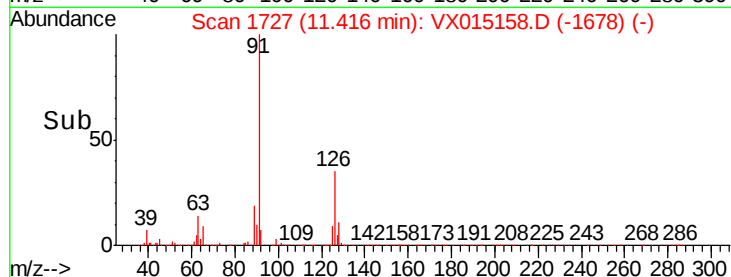
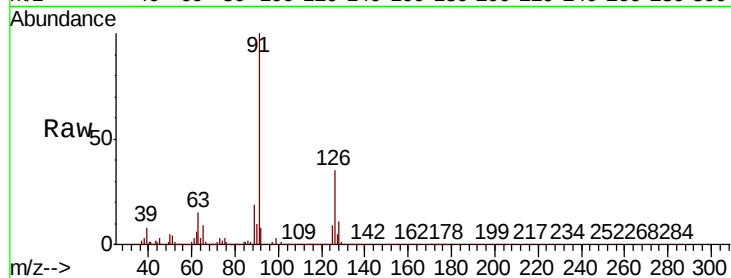
ClientSampleId :

Tot Ion: 91 Resp: 223979

Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 20.943 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015158.D

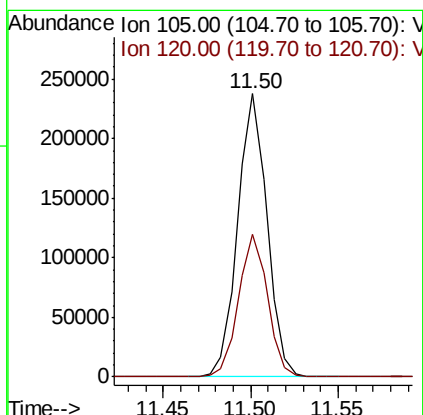
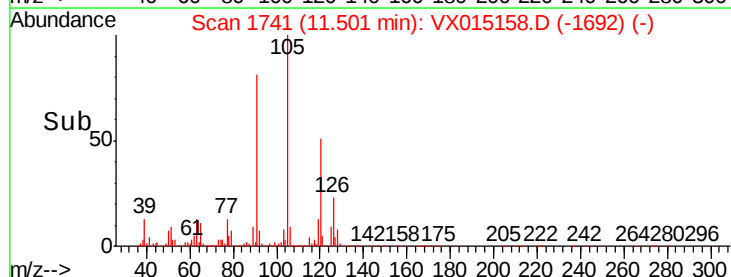
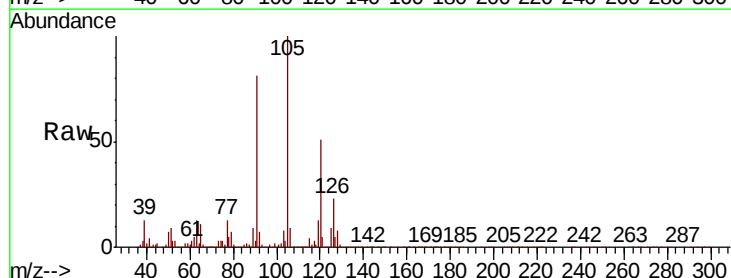
Acq: 10 Mar 2020 10:14

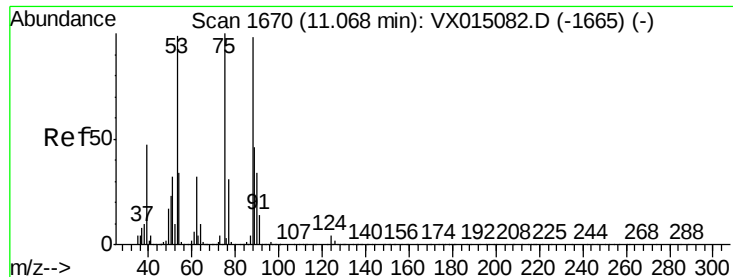
Tgt Ion: 105 Resp: 276573

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.4

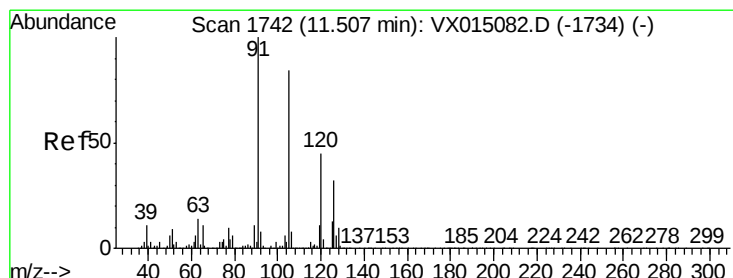
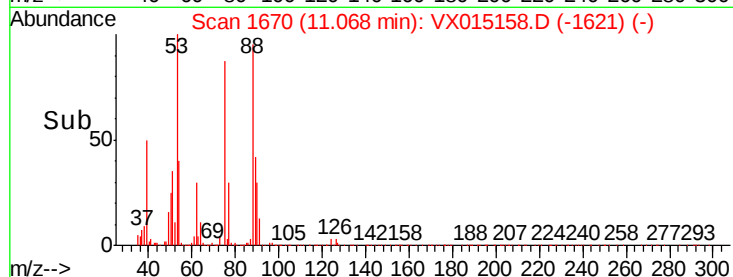
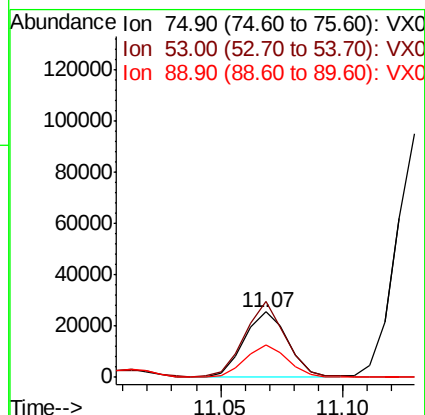
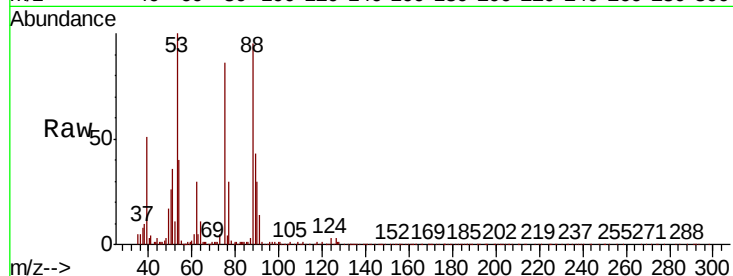




#81
trans-1,4-Dichloro-2-butene
Concen: 17.860 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

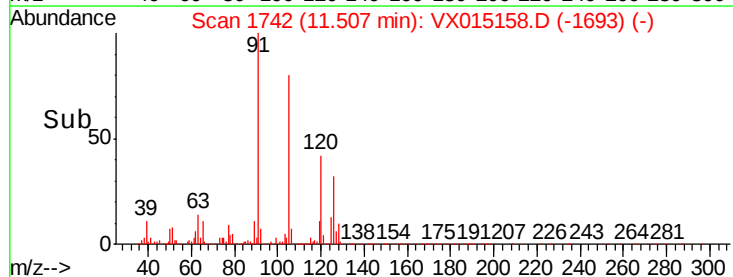
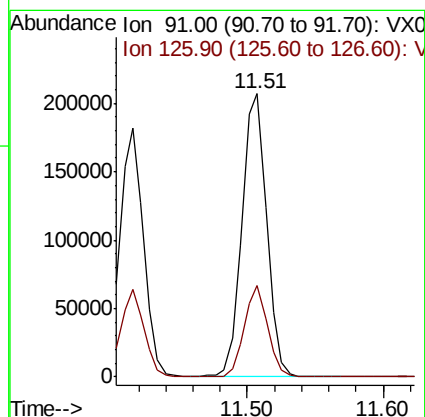
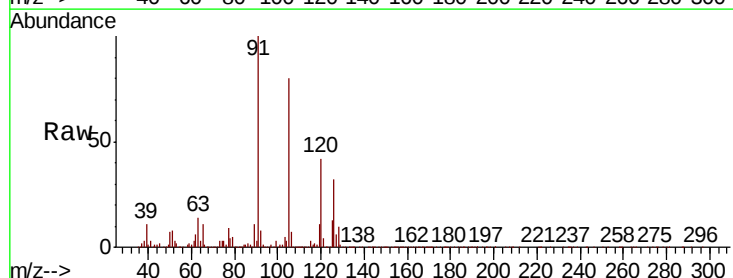
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 31173
Ion Ratio Lower Upper
75 100
53 110.4 77.9 116.9
89 49.1 36.2 54.2



#82
4-Chlorotoluene
Concen: 20.410 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 91 Resp: 260982
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.2

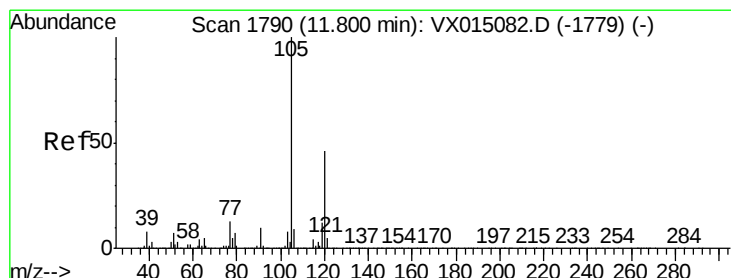
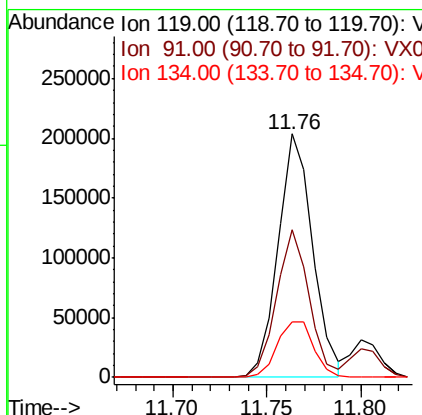
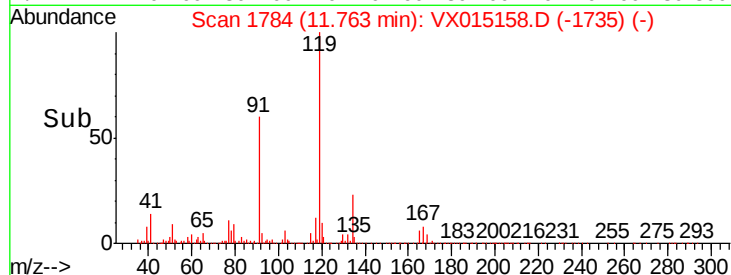
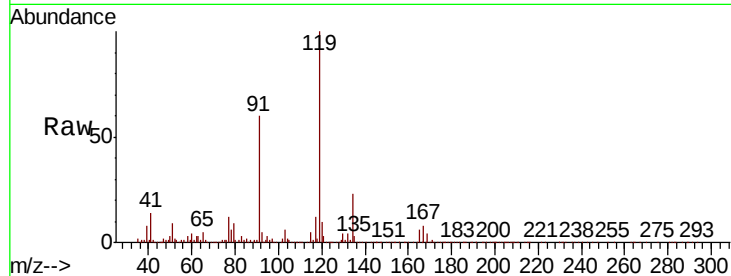




#83
tert-Butylbenzene
Concen: 20.260 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

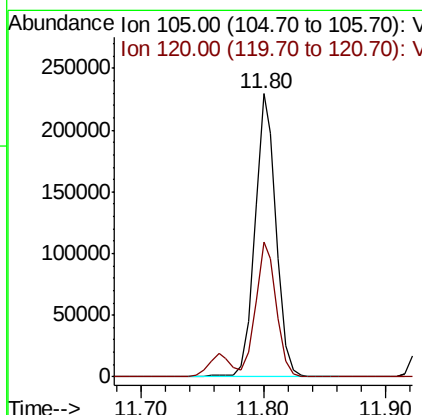
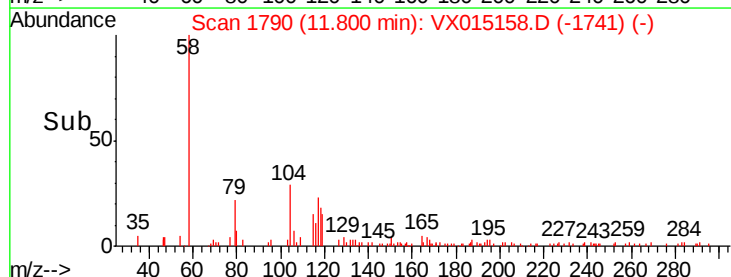
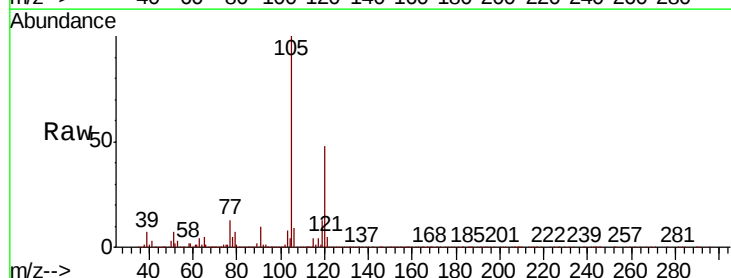
Instrument :
MSVOA_X
ClientSampleId :

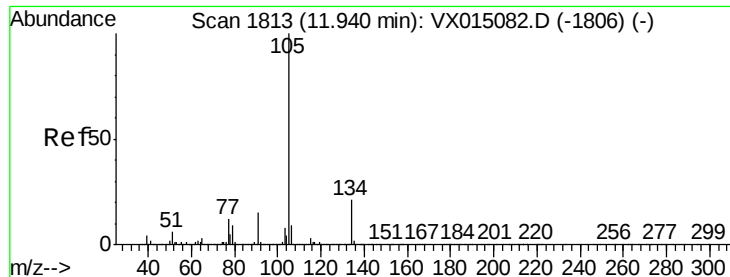
Tot Ion:119 Resp: 258699
Ion Ratio Lower Upper
119 100
91 57.4 28.5 85.6
134 24.5 11.9 35.7



#84
1,2,4-Trimethylbenzene
Concen: 20.767 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion:105 Resp: 275501
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.5

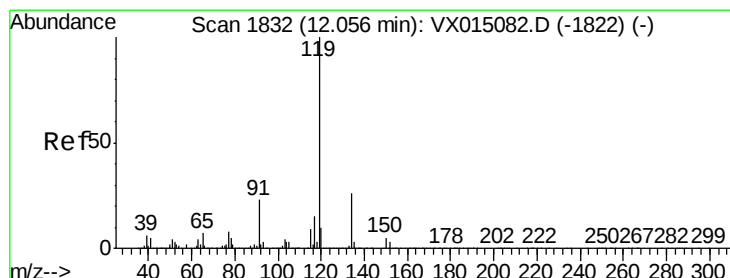
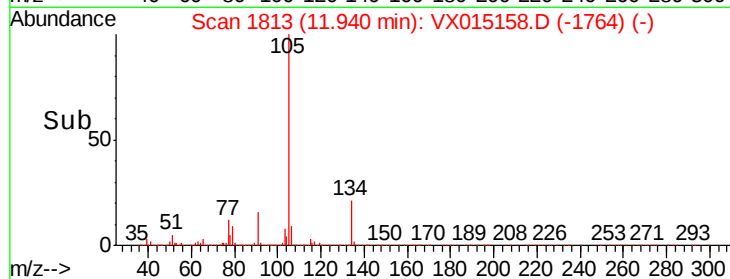
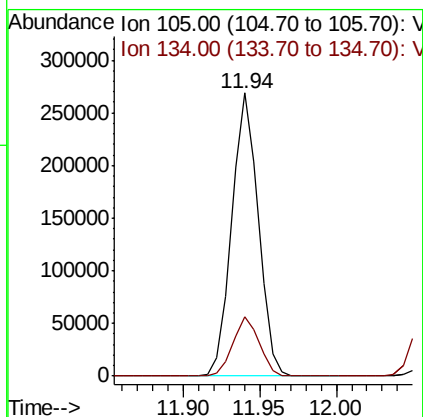
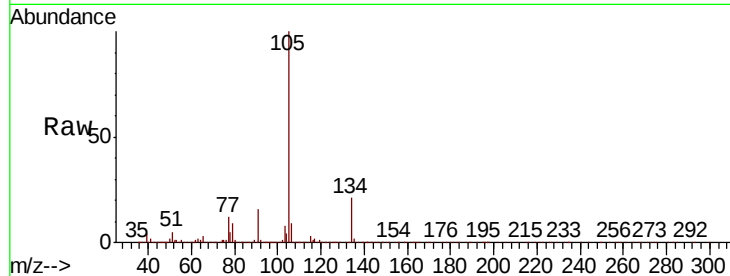




#85
 sec-Butylbenzene
 Concen: 20.833 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

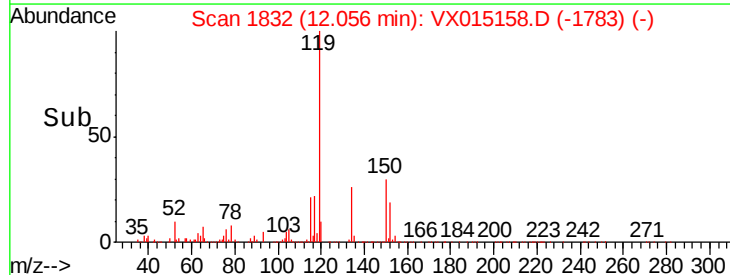
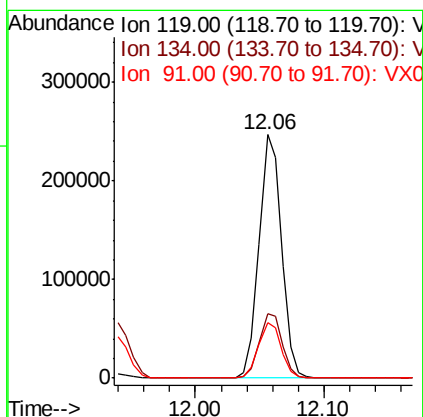
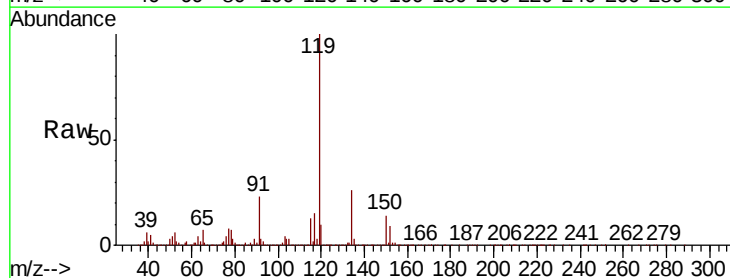
Instrument :
 MSVOA_X
 ClientSampleId :

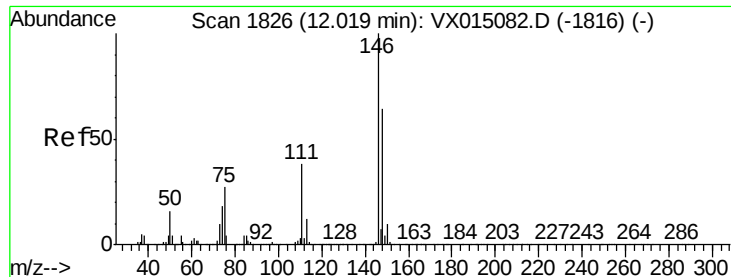
Tot Ion:105 Resp: 321126
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.842 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion:119 Resp: 295987
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.1
 91 22.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.992 ug/l

RT: 12.02 min Scan# 1826

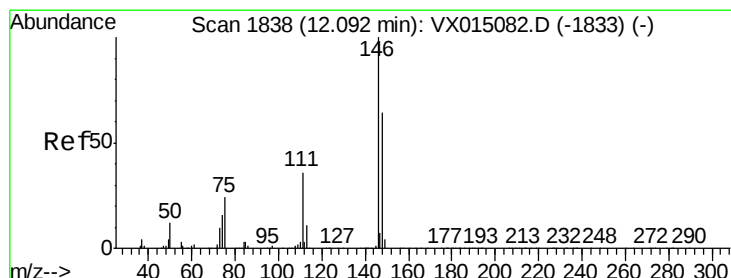
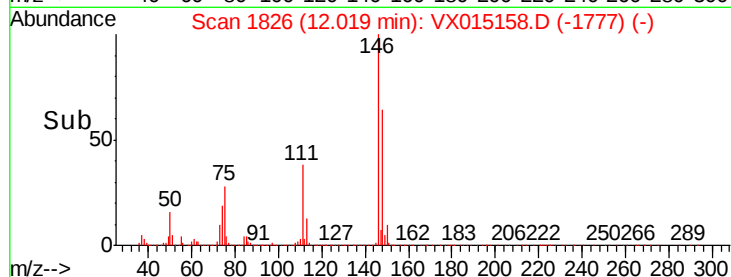
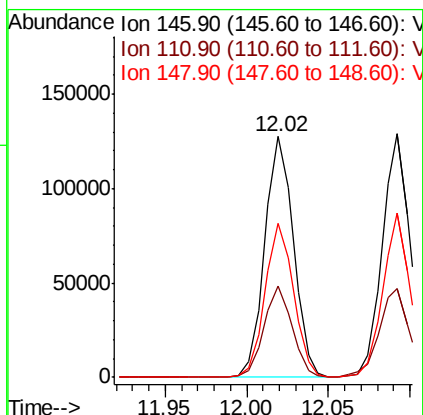
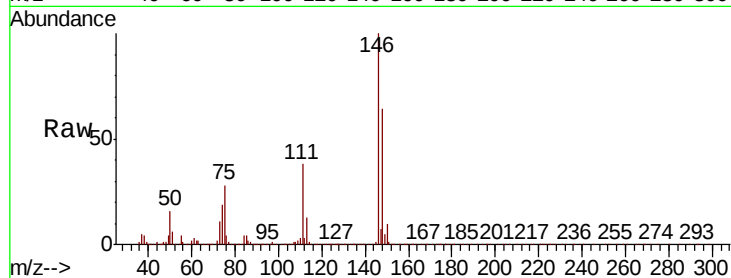
Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.1
148	63.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 19.081 ug/l

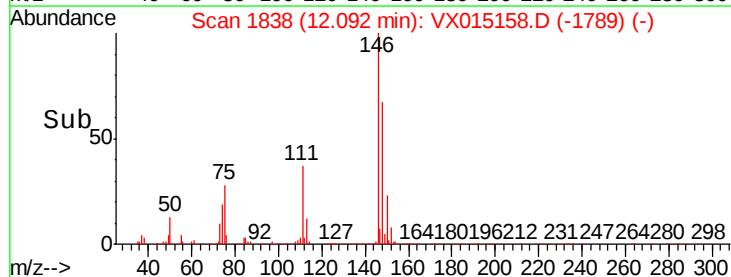
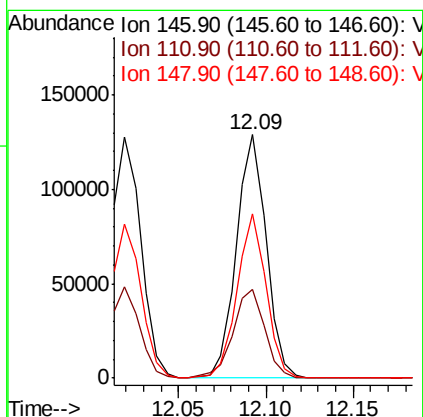
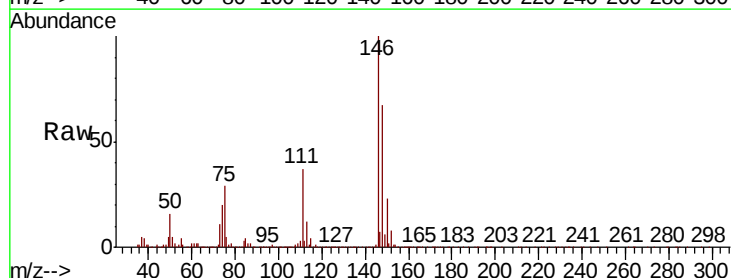
RT: 12.09 min Scan# 1838

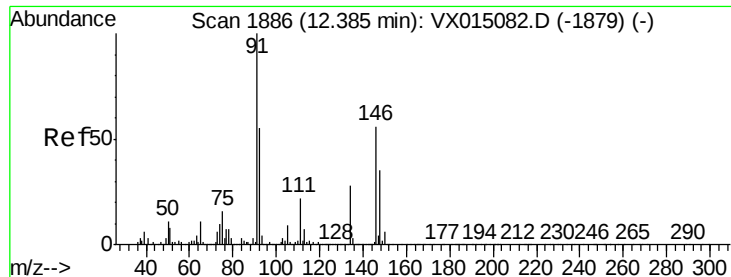
Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.7	56.1
148	65.1	32.5	97.4





#89

n-Butylbenzene

Concen: 20.238 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampled :

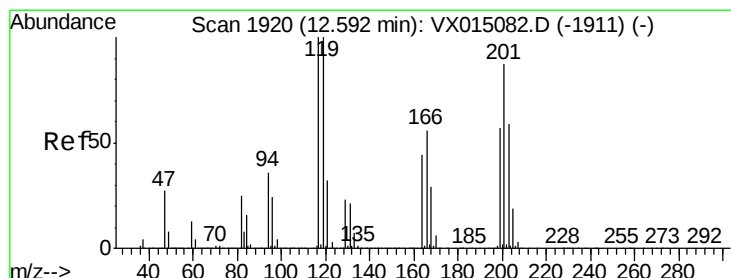
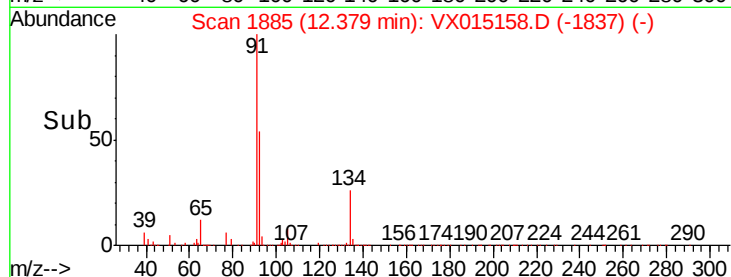
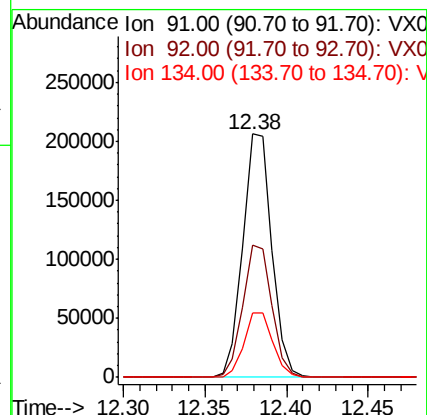
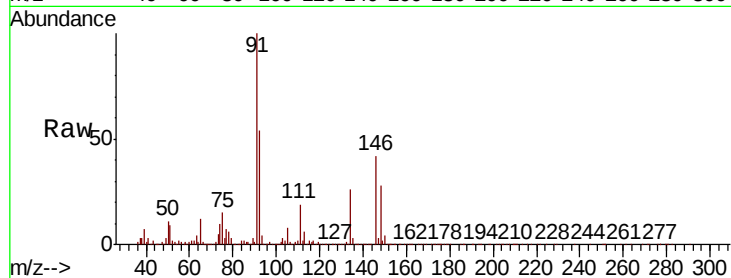
Tot Ion: 91 Resp: 255629

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.6

134 26.5 13.5 40.5



#90

Hexachloroethane

Concen: 19.088 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015158.D

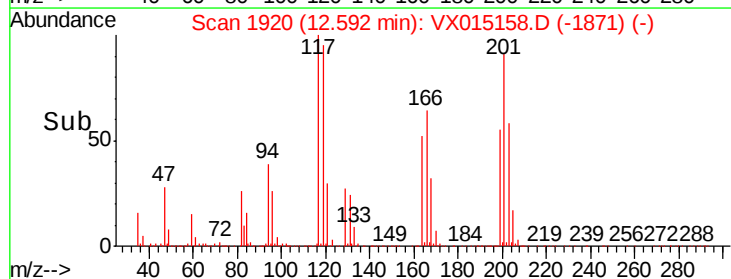
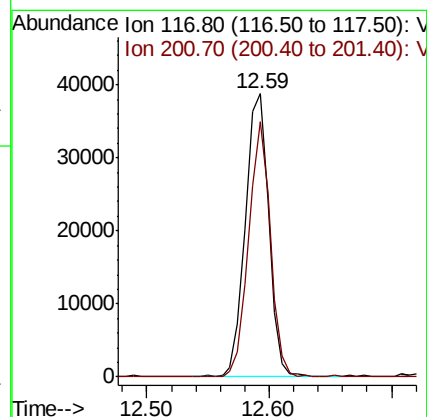
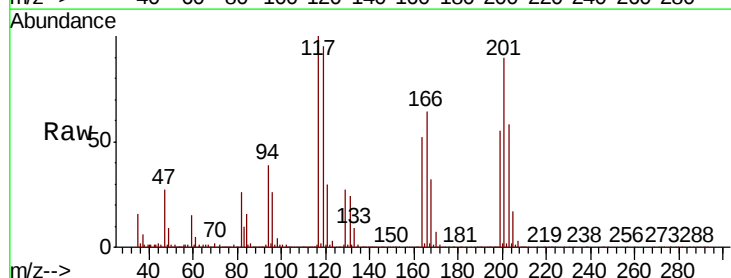
Acq: 10 Mar 2020 10:14

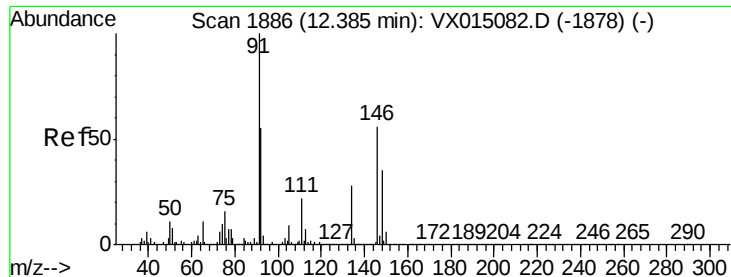
Tgt Ion: 117 Resp: 51249

Ion Ratio Lower Upper

117 100

201 84.4 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 19.486 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

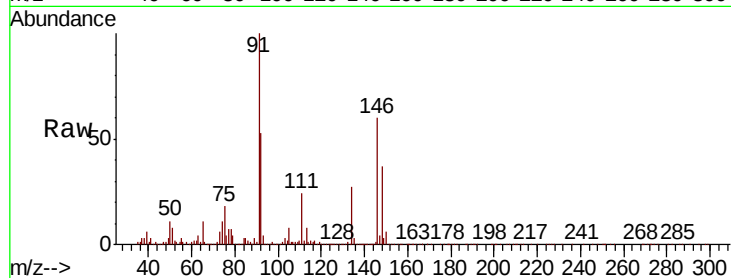
Tot Ion:146 Resp: 150563

Ion Ratio Lower Upper

146 100

111 40.5 19.9 59.7

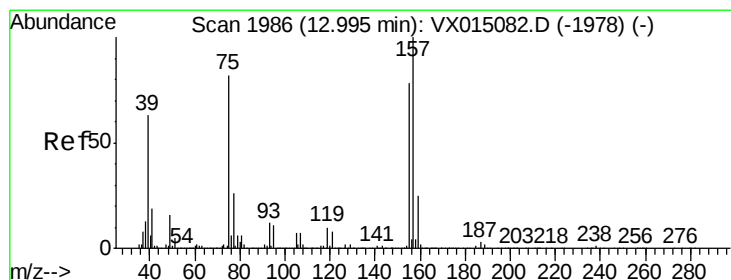
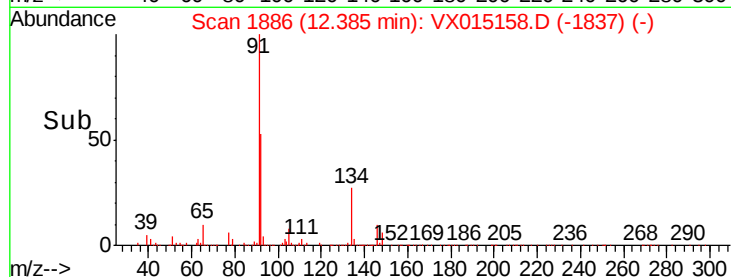
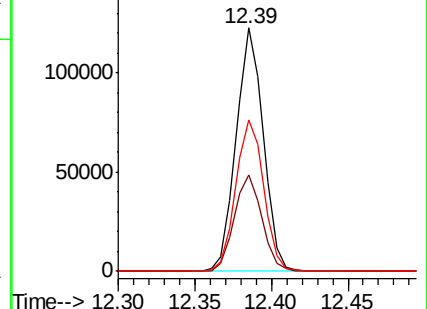
148 63.9 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.723 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

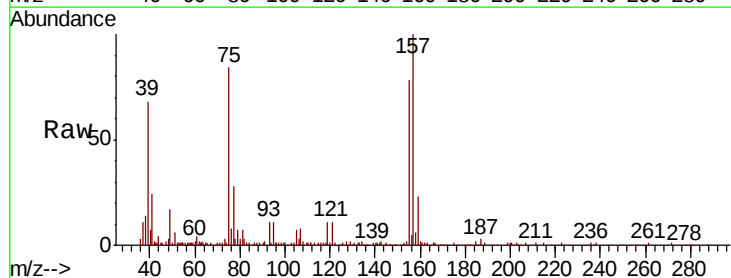
Tgt Ion: 75 Resp: 20880

Ion Ratio Lower Upper

75 100

155 93.8 46.6 139.7

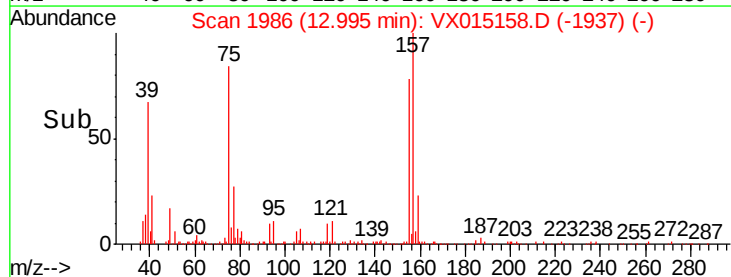
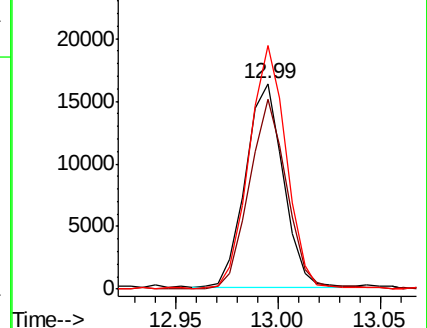
157 117.5 59.2 177.5

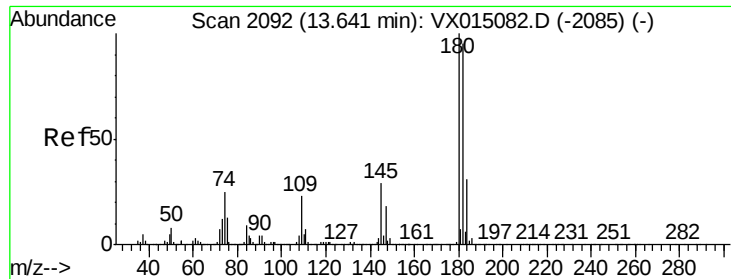


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

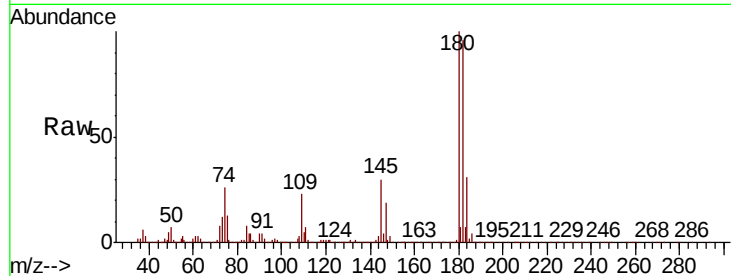




#93
 1,2,4-Trichlorobenzene
 Concen: 19.737 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.8
145	29.0	14.1	42.2

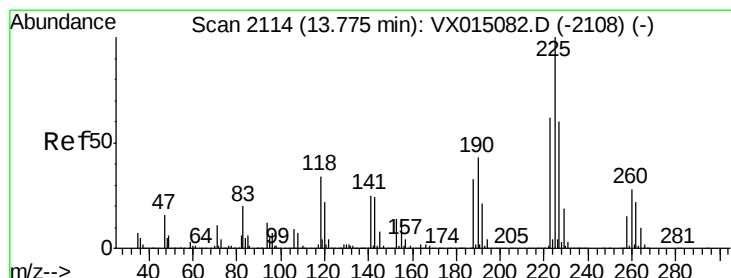
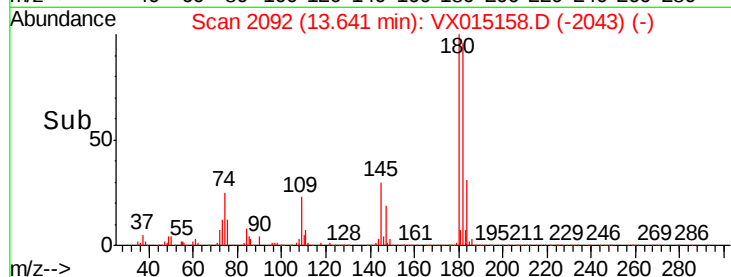
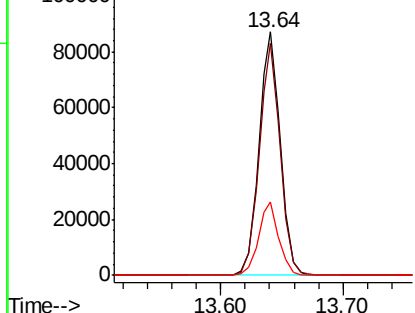


Abundance

Ion 179.80 (179.50 to 180.50): V

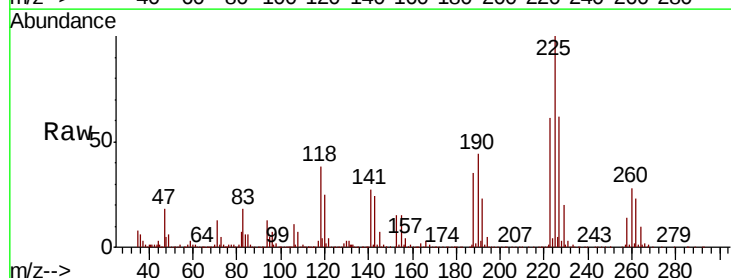
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.213 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.9
227	63.0	31.1	93.2

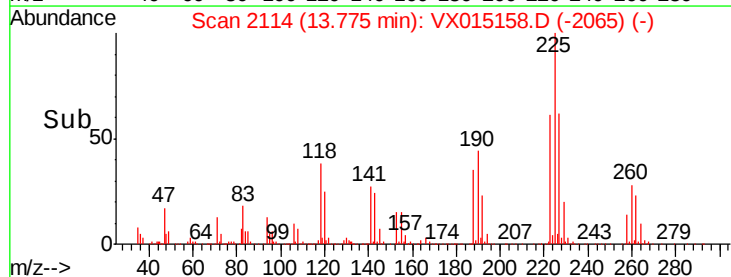
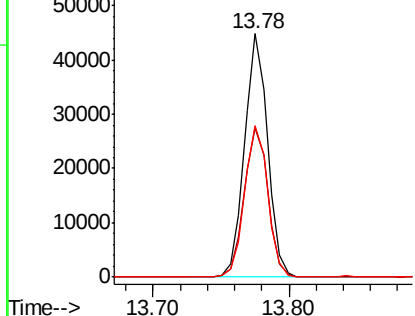


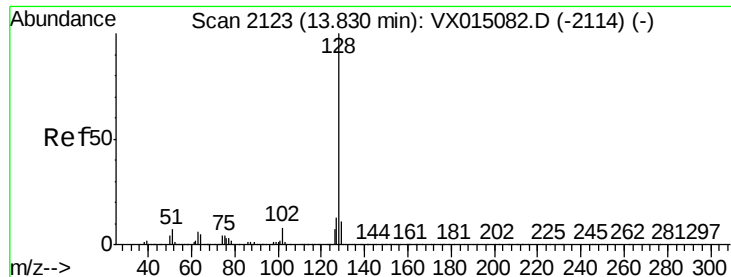
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

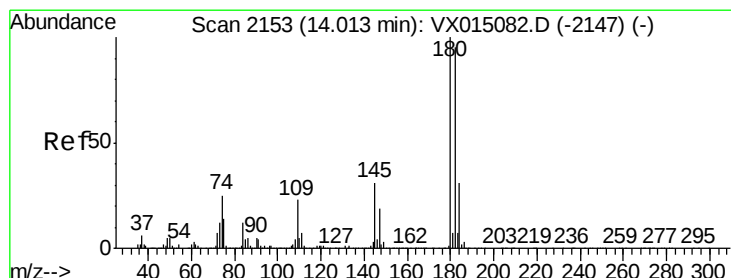
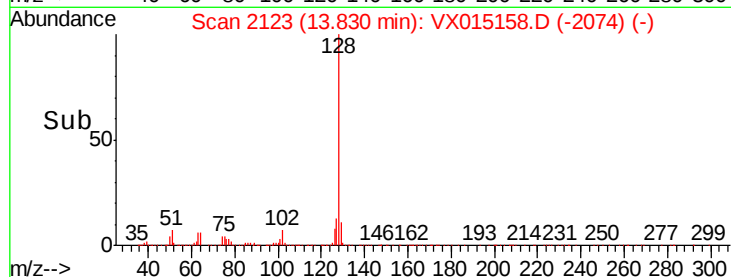
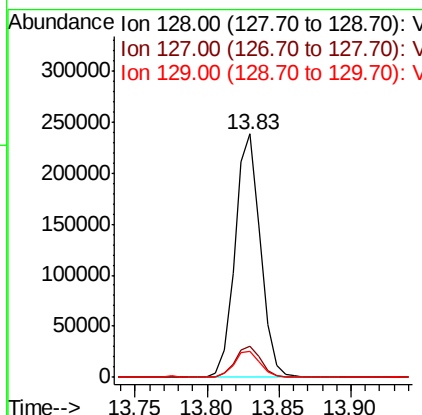
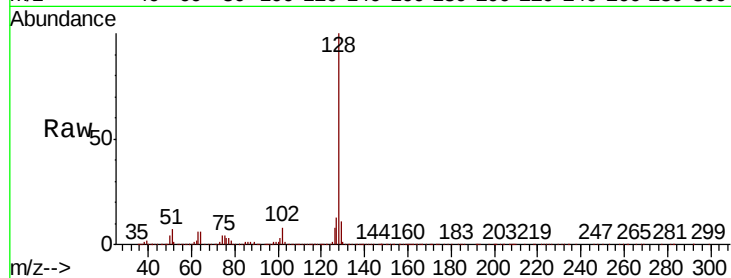




#95
Naphthalene
Concen: 18.754 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.875 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.8	143.4
145	30.4	15.1	45.3

