

Data File : VX015187.D
Acq On : 11 Mar 2020 09:57
Operator : JC/SP
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Quant Time: Mar 12 05:41:21 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	356289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	527305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	487527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	257524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	211181	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.49	113	175092	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	8.71	98	661594	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	11.13	95	238866	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	61287	19.644	ug/l	98
3) Chloromethane	1.32	50	83744	18.949	ug/l	99
4) Vinyl Chloride	1.41	62	80885	18.049	ug/l	97
5) Bromomethane	1.65	94	49836	18.089	ug/l	97
6) Chloroethane	1.72	64	47761	17.767	ug/l	100
7) Trichlorofluoromethane	1.93	101	96577	18.112	ug/l	99
8) Diethyl Ether	2.18	74	43059	17.829	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62654	18.676	ug/l	100
10) Methyl Iodide	2.50	142	57249	15.104	ug/l	99
11) Tert butyl alcohol	3.04	59	66637	90.865	ug/l	99
12) 1,1-Dichloroethene	2.37	96	62553	18.067	ug/l	97
13) Acrolein	2.29	56	60393	87.629	ug/l	99
14) Allyl chloride	2.72	41	115360	19.109	ug/l	93
15) Acrylonitrile	3.14	53	178104	97.518	ug/l	99
16) Acetone	2.44	43	165838	96.878	ug/l	97
17) Carbon Disulfide	2.56	76	158659	16.501	ug/l	100
18) Methyl Acetate	2.76	43	80808	19.306	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	201408	18.615	ug/l	99
20) Methylene Chloride	2.85	84	70386	17.570	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	67720	18.318	ug/l	98
22) Diisopropyl ether	3.84	45	241581	20.085	ug/l	97
23) Vinyl Acetate	3.80	43	972496	98.361	ug/l	98
24) 1,1-Dichloroethane	3.69	63	127225	19.058	ug/l	100
25) 2-Butanone	4.66	43	267546	106.758	ug/l	99
26) 2,2-Dichloropropane	4.58	77	98974	18.676	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	82153	19.808	ug/l	99
28) Bromochloromethane	5.01	49	60521	19.910	ug/l	99
29) Tetrahydrofuran	5.12	42	152123	94.167	ug/l	99
30) Chloroform	5.20	83	129723	19.938	ug/l	99
31) Cyclohexane	5.58	56	111635	18.748	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	106694	19.782	ug/l	98
36) 1,1-Dichloropropene	5.79	75	96832	19.864	ug/l	100
37) Ethyl Acetate	4.83	43	98023	21.678	ug/l	97
38) Carbon Tetrachloride	5.78	117	93086	20.230	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	112524	19.768	ug/l	99
40) Benzene	6.13	78	296723	20.517	ug/l	98
41) Methacrylonitrile	5.03	41	51536	18.975	ug/l	99
42) 1,2-Dichloroethane	6.18	62	104611	21.063	ug/l	96
43) Isopropyl Acetate	6.43	43	160825	20.217	ug/l	99
44) Trichloroethene	7.21	130	79880	19.832	ug/l	99
45) 1,2-Dichloropropane	7.50	63	78273	20.909	ug/l	97
46) Dibromomethane	7.65	93	51010	20.912	ug/l	95
47) Bromodichloromethane	7.89	83	98928	20.509	ug/l	96
48) Methyl methacrylate	7.76	41	79022	19.518	ug/l	98
49) 1,4-Dioxane	7.75	88	35045	400.345	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	500338	106.380	ug/l	99
52) Toluene	8.78	92	183498	20.751	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	104456	20.345	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	120667	20.790	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	75831	20.834	ug/l	97
56) Ethyl methacrylate	9.17	69	106633	20.540	ug/l	99
57) 1,3-Dichloropropane	9.37	76	128566	20.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	294863	104.256	ug/l	100
59) 2-Hexanone	9.48	43	372165	106.759	ug/l	100
60) Dibromochloromethane	9.57	129	79376	20.761	ug/l	100
61) 1,2-Dibromoethane	9.67	107	77598	20.298	ug/l	98
64) Tetrachloroethene	9.33	164	81926	20.324	ug/l	95
65) Chlorobenzene	10.13	112	198422	20.272	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	75370	20.421	ug/l	98
67) Ethyl Benzene	10.25	91	343052	20.640	ug/l	100
68) m/p-Xylenes	10.35	106	261417	41.340	ug/l	98
69) o-Xylene	10.70	106	122635	20.255	ug/l	98
70) Styrene	10.71	104	213082	20.526	ug/l	99
71) Bromoform	10.85	173	55527	19.401	ug/l	100
73) Isopropylbenzene	11.01	105	337547	20.519	ug/l	100
74) N-amyl acetate	10.89	43	132718	19.143	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	111630	20.361	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	120165	23.393	ug/l	81
77) Bromobenzene	11.25	156	88744	19.357	ug/l	99
78) n-propylbenzene	11.35	91	392088	20.862	ug/l	99
79) 2-Chlorotoluene	11.42	91	229210	20.421	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	283676	20.714	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32990	18.226	ug/l	93
82) 4-Chlorotoluene	11.51	91	267363	20.163	ug/l	100
83) tert-Butylbenzene	11.76	119	263685	19.913	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	283199	20.585	ug/l	99
85) sec-Butylbenzene	11.94	105	332100	20.776	ug/l	100
86) p-Isopropyltoluene	12.06	119	305902	20.771	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	159733	19.819	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	160423	19.280	ug/l	100
89) n-Butylbenzene	12.39	91	258594	19.742	ug/l	100
90) Hexachloroethane	12.59	117	51671	18.558	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	154145	19.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21205	19.315	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
Quantitation Report (Not Reviewed)

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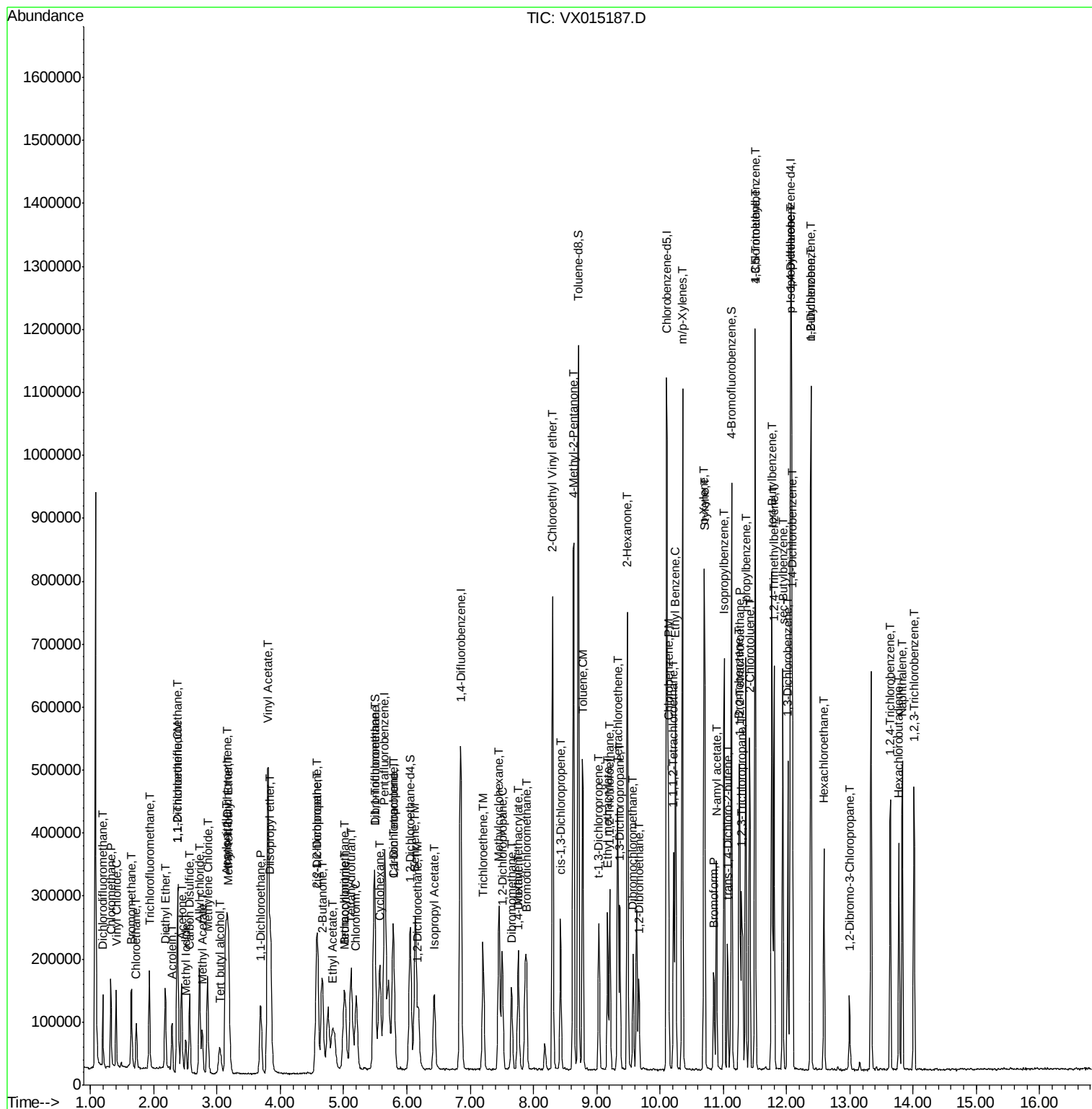
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	108742	19.551	ug/l	100
94) Hexachlorobutadiene	13.78	225	52454	18.378	ug/l	95
95) Naphthalene	13.83	128	299727	18.504	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	111910	20.166	ug/l	99

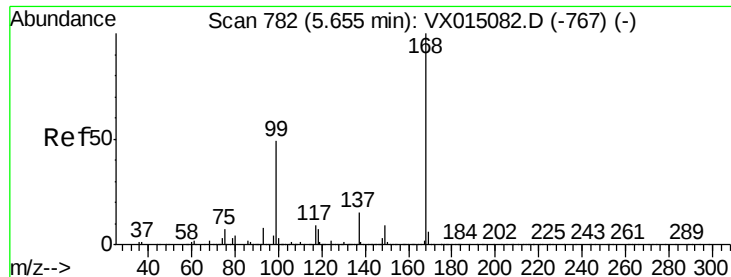
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Instrument :
MSVOA_X
ClientSampled :
VX0311WBS01

Quant Time: Mar 12 05:41:21 2020
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

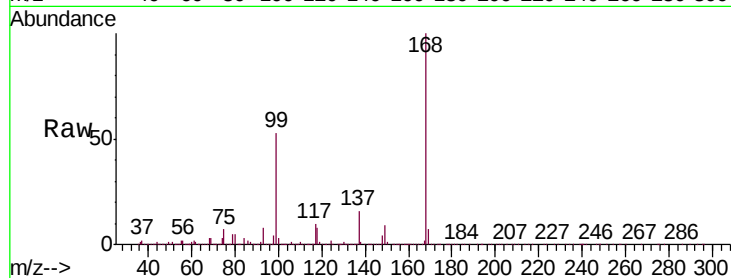
VX0311WBS01

Tgt Ion:168 Resp: 356289

Ion Ratio Lower Upper

168 100

99 53.0 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

150000

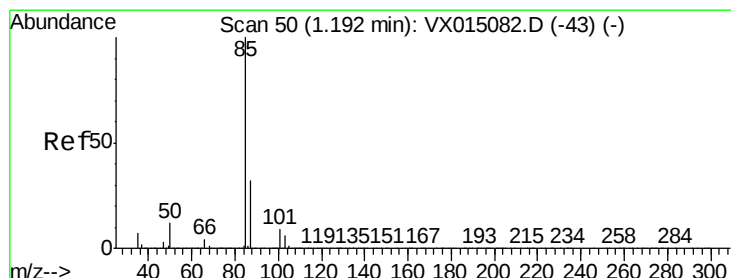
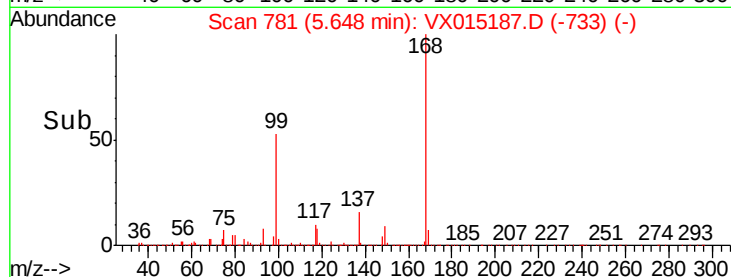
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.644 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015187.D

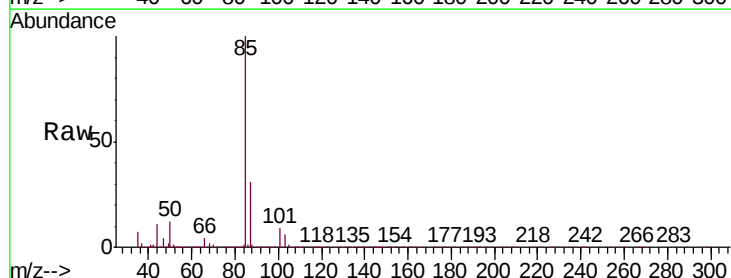
Acq: 11 Mar 2020 09:57

Tgt Ion: 85 Resp: 61287

Ion Ratio Lower Upper

85 100

87 31.1 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

60000

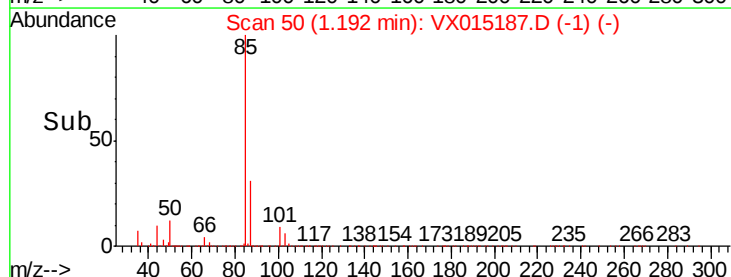
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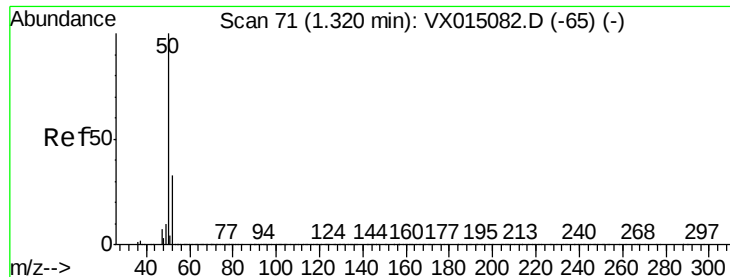
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1.10 1.15 1.20 1.25 1.30

Time-->

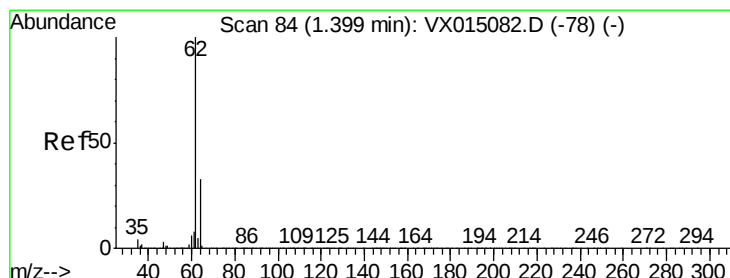
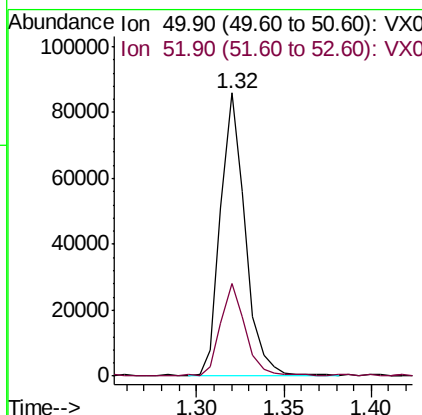
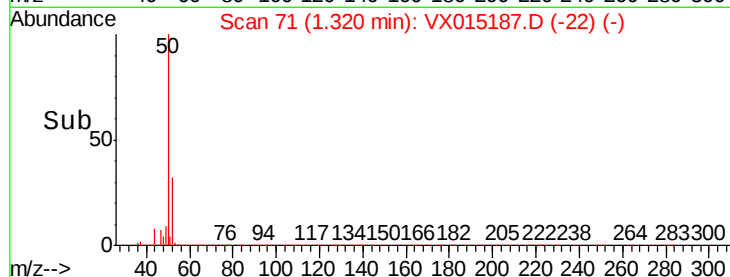
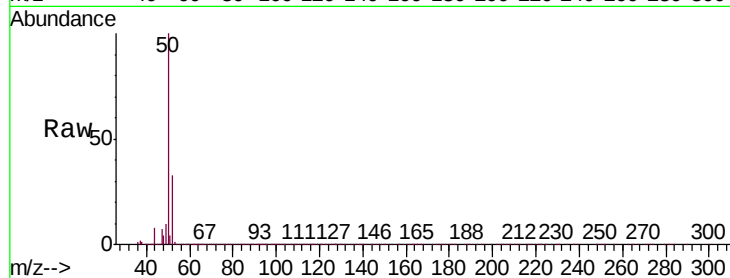




#3
Chloromethane
Concen: 18.949 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

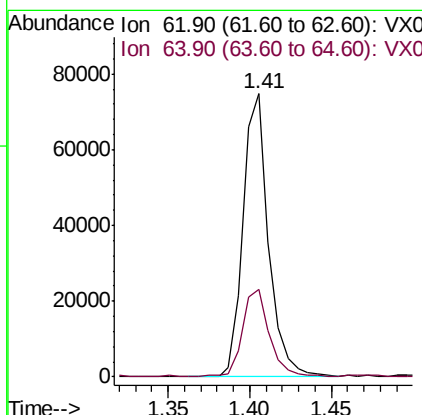
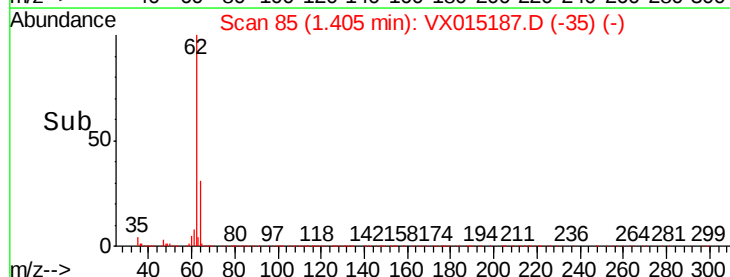
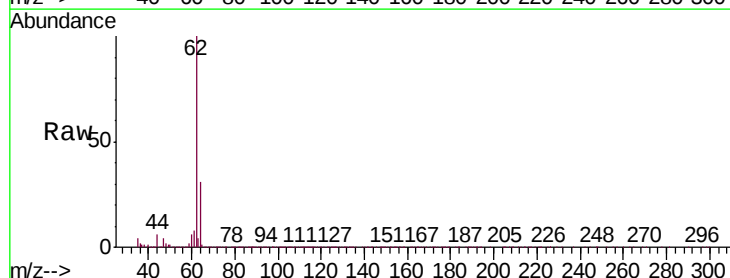
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 50 Resp: 83744
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 18.049 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 62 Resp: 80885
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1





#5

Bromomethane

Concen: 18.089 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

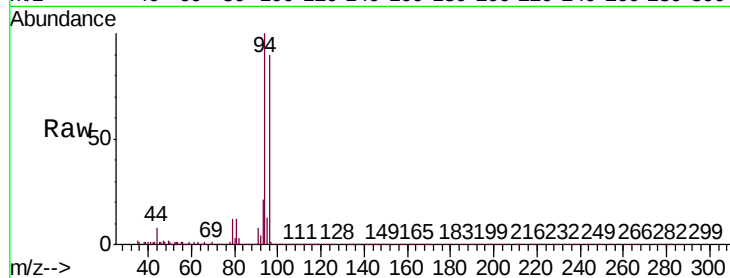
VX0311WBS01

Tgt Ion: 94 Resp: 49836

Ion Ratio Lower Upper

94 100

96 90.0 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

40000

30000

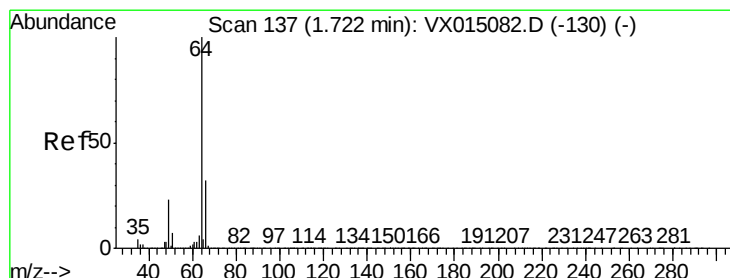
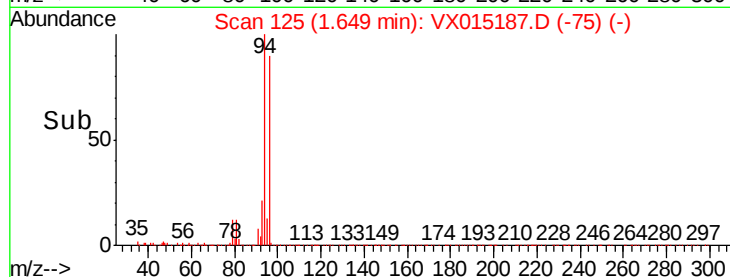
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10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 17.767 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015187.D

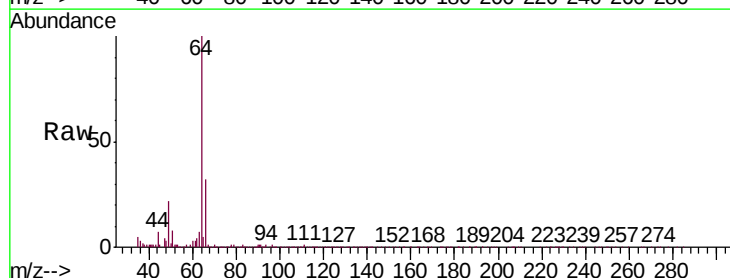
Acq: 11 Mar 2020 09:57

Tgt Ion: 64 Resp: 47761

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

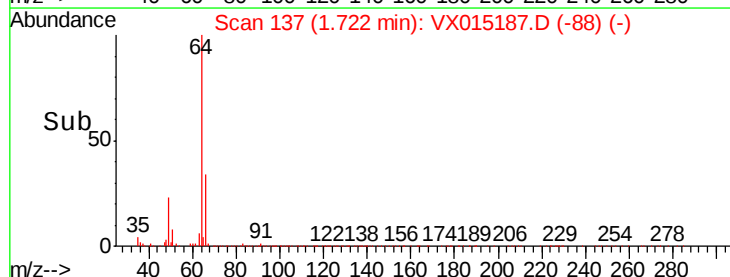
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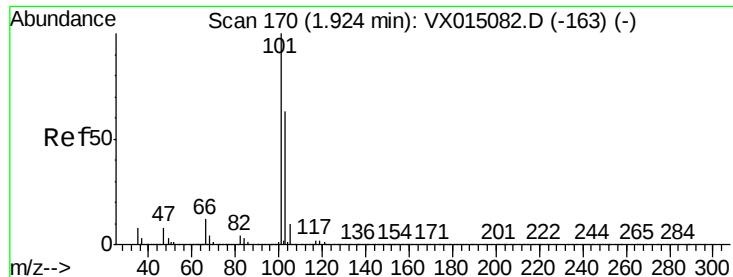
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Time-->

1.65 1.70 1.75 1.80



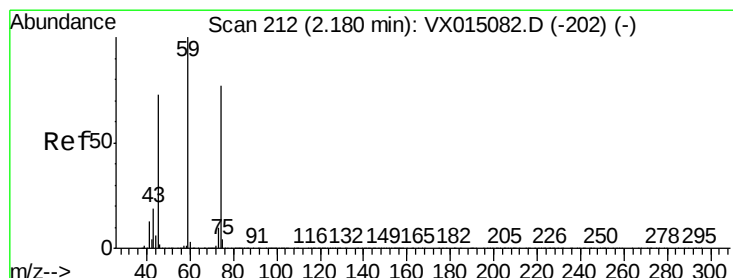
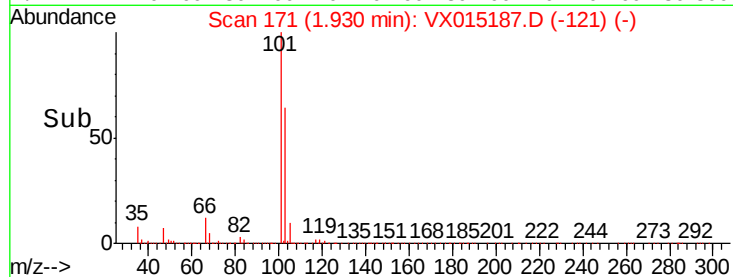
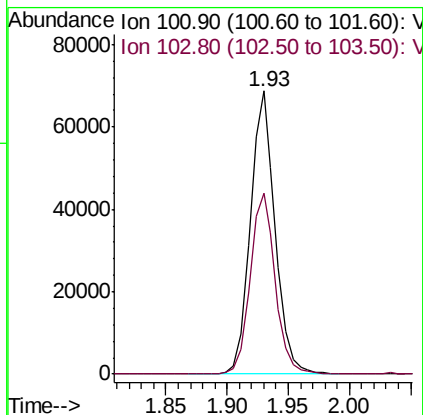
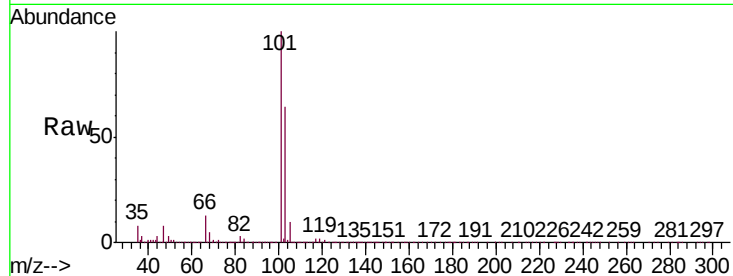


#7

Trichlorofluoromethane
 Concen: 18.112 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

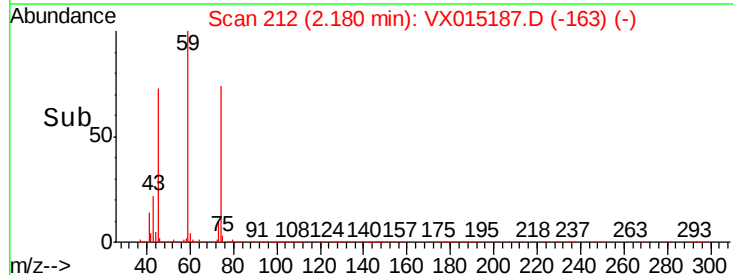
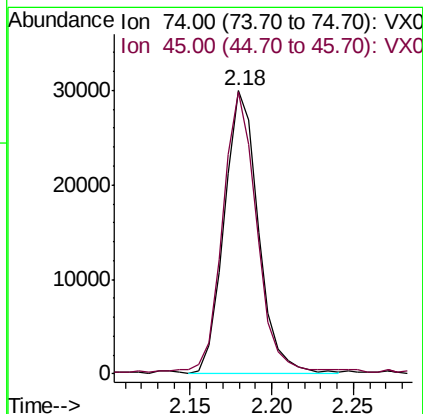
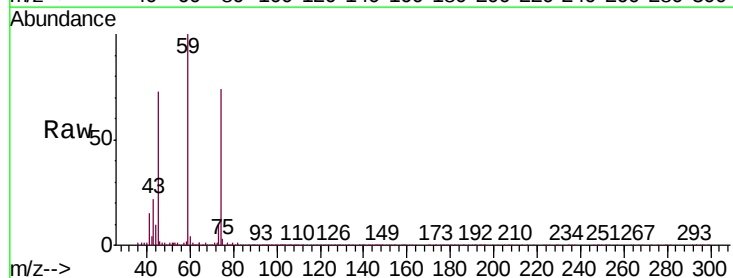
Tgt Ion:101 Resp: 96577
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.4 75.6

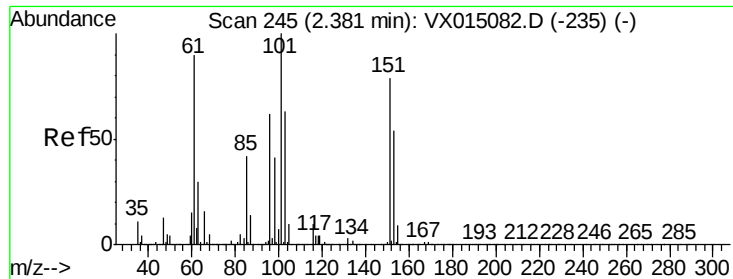


#8

Diethyl Ether
 Concen: 17.829 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion: 74 Resp: 43059
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.676 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

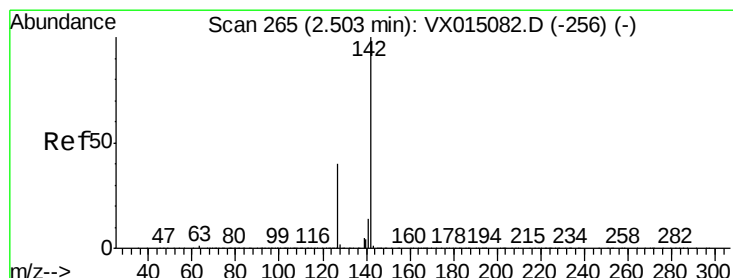
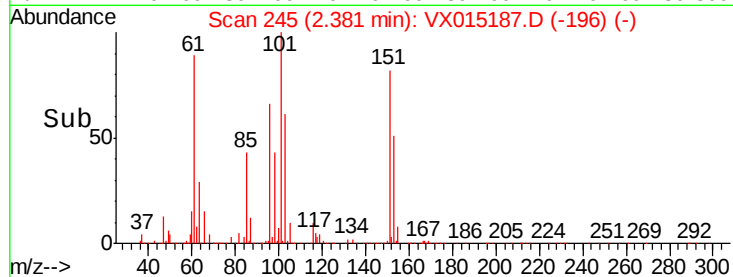
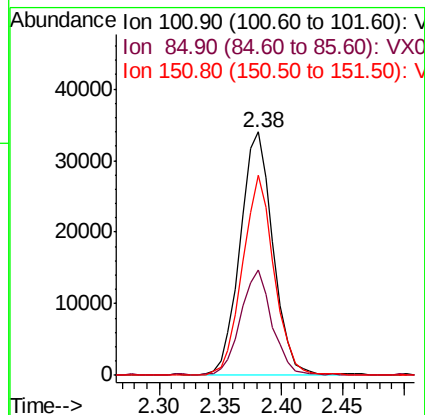
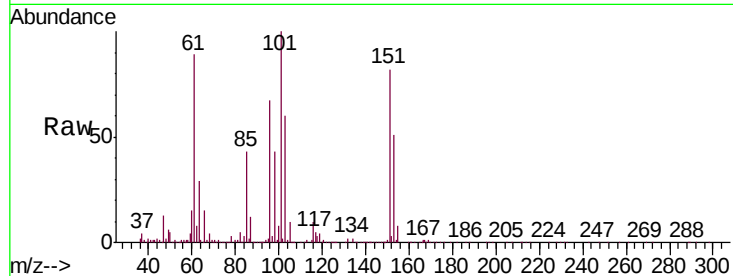
Instrument :

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ClientSampleId :

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Tgt Ion:	101	Resp:	62654
Ion	Ratio	Lower	Upper
101	100		
85	42.4	33.7	50.5
151	80.4	64.0	96.0



#10

Methyl Iodide

Concen: 15.104 ug/l

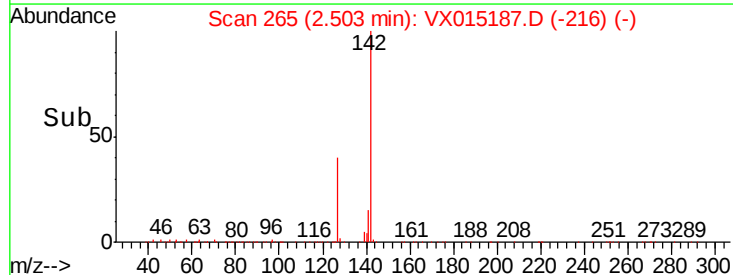
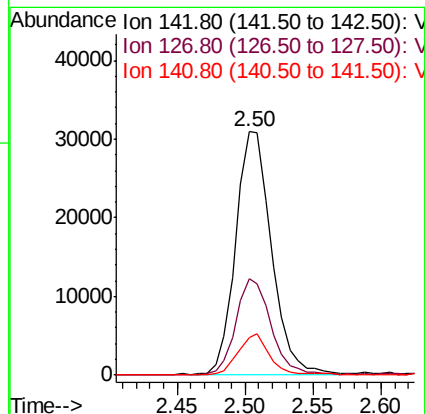
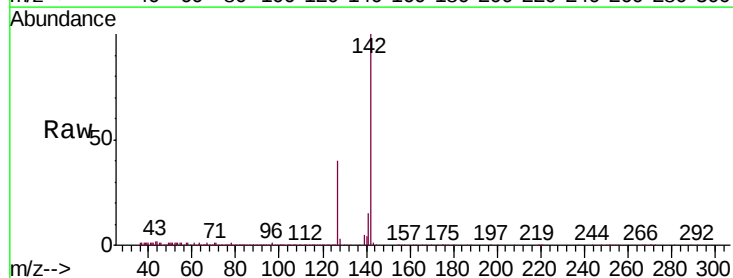
RT: 2.50 min Scan# 265

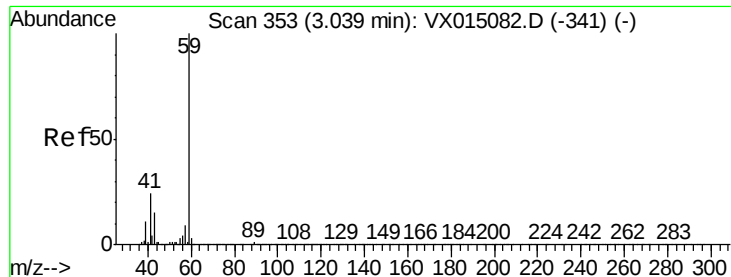
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	142	Resp:	57249
Ion	Ratio	Lower	Upper
142	100		
127	39.4	31.7	47.5
141	15.7	11.3	16.9



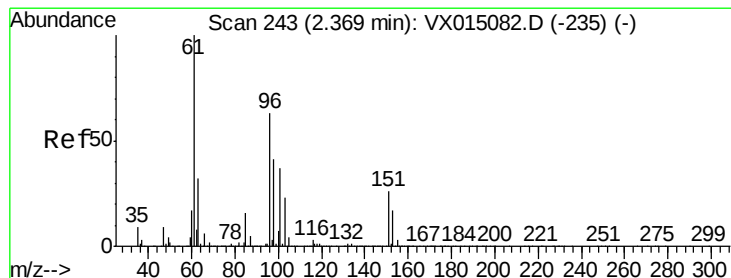
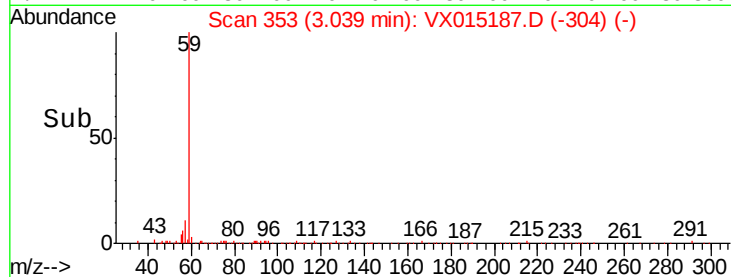
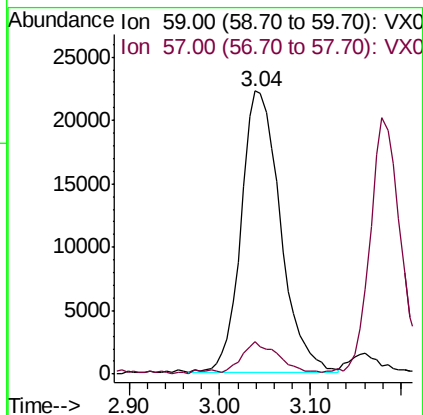
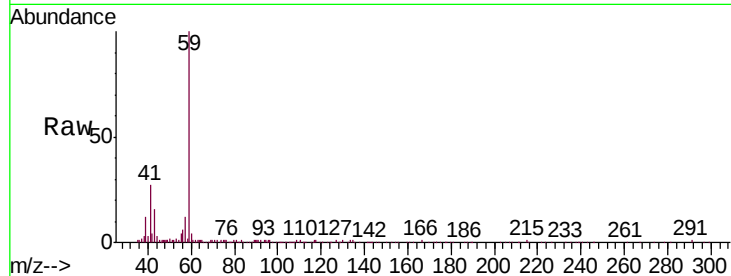


#11

Tert butyl alcohol
 Concen: 90.865 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

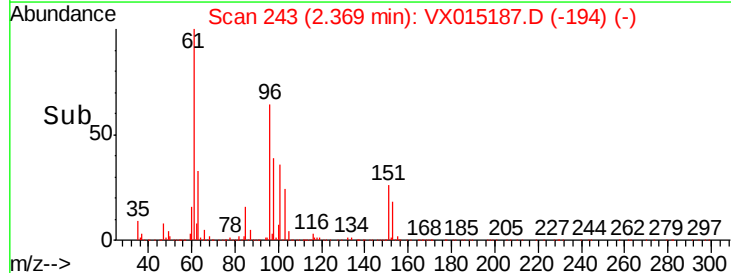
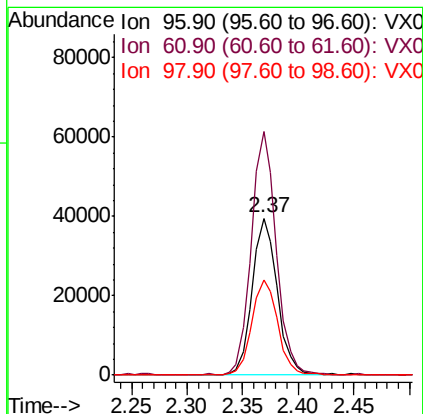
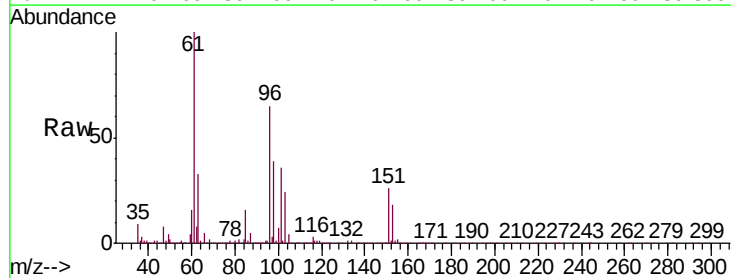
Tgt Ion: 59 Resp: 66637
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

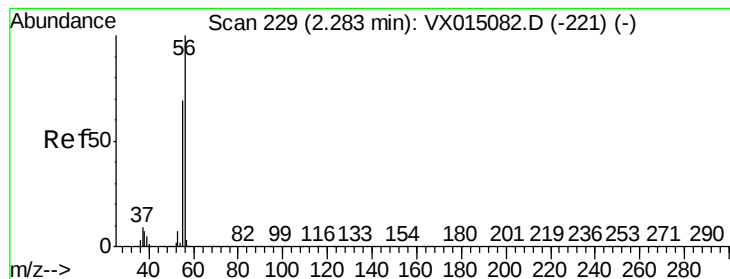


#12

1,1-Dichloroethene
 Concen: 18.067 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion: 96 Resp: 62553
 Ion Ratio Lower Upper
 96 100
 61 154.9 126.2 189.4
 98 60.1 51.4 77.0





#13

Acrolein

Concen: 87.629 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

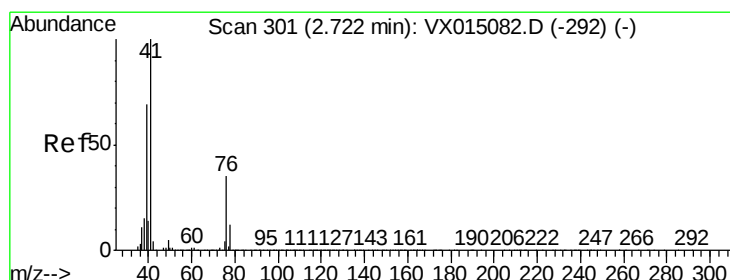
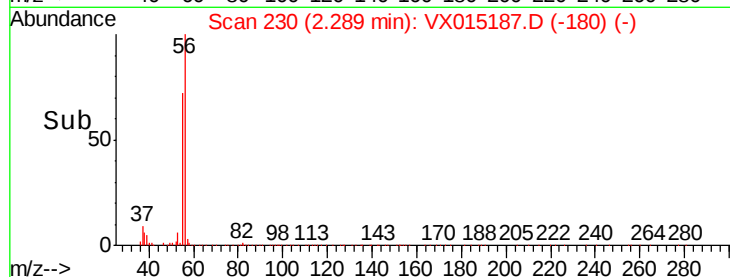
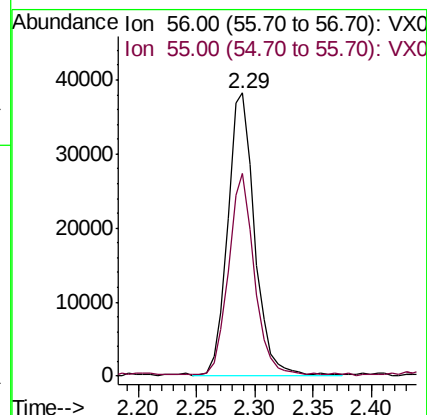
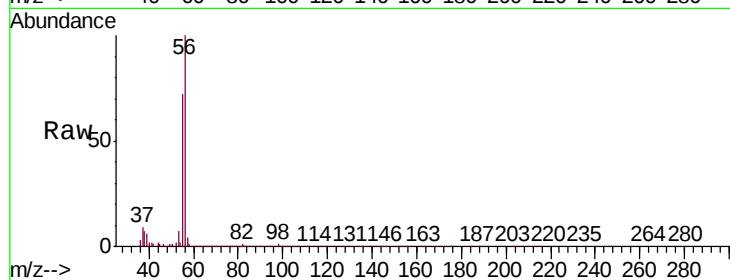
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 56 Resp: 60393

Ion Ratio Lower Upper

56 100

55 68.4 55.4 83.0



#14

Allyl chloride

Concen: 19.109 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

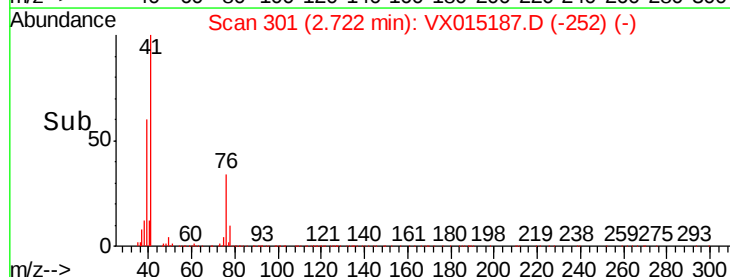
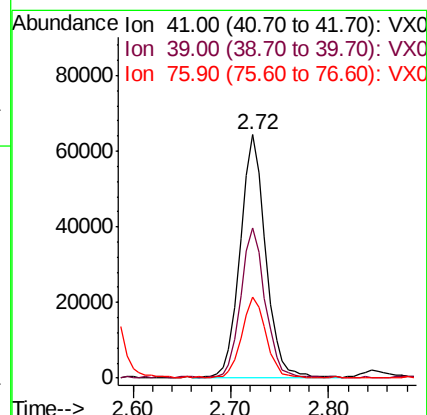
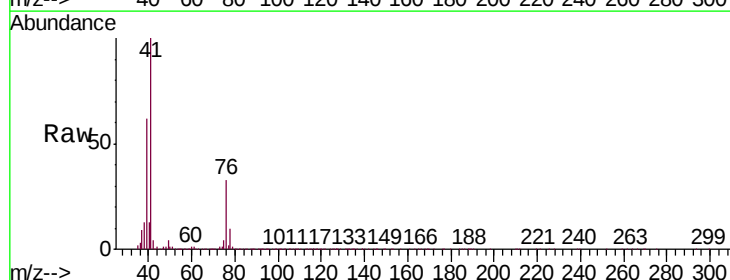
Tgt Ion: 41 Resp: 115360

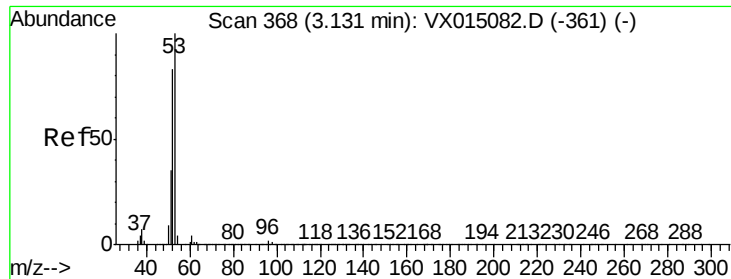
Ion Ratio Lower Upper

41 100

39 59.0 52.9 79.3

76 31.9 26.8 40.2

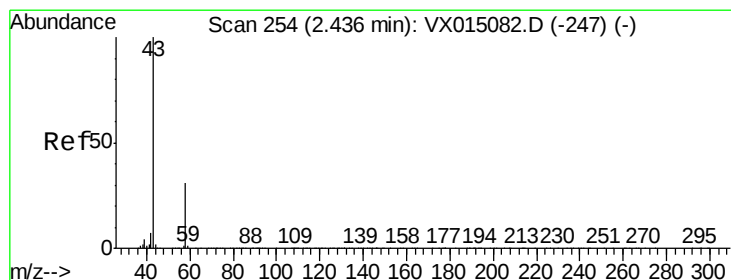
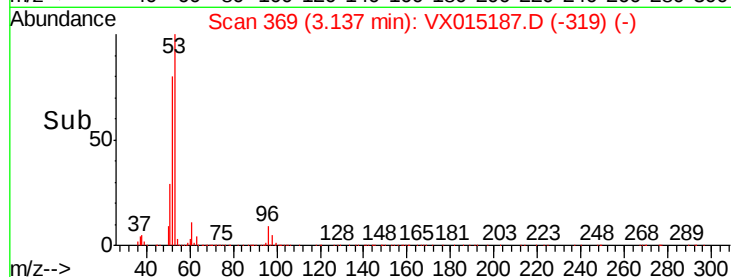
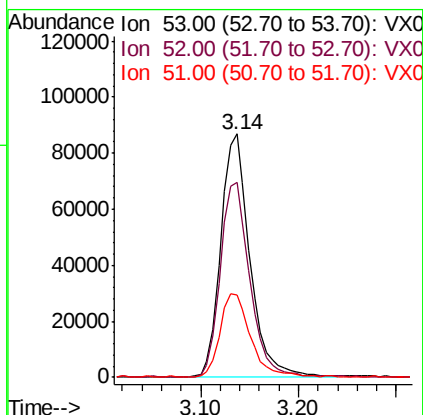
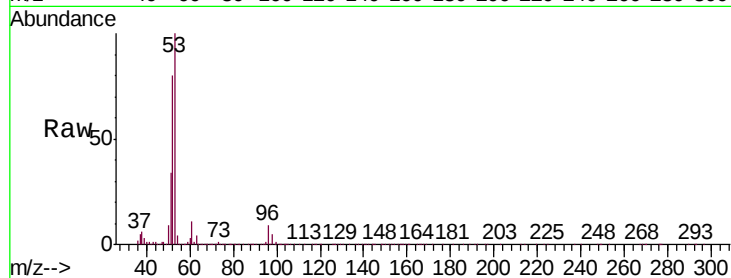




#15
 Acrylonitrile
 Concen: 97.518 ug/l
 RT: 3.14 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

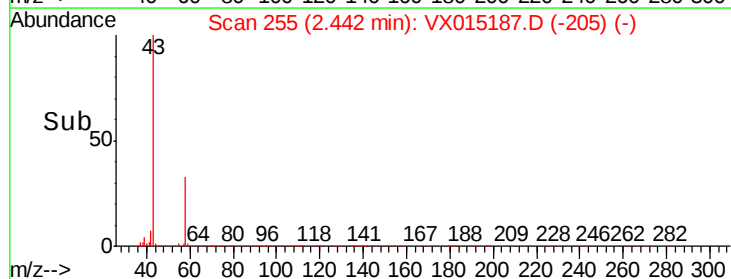
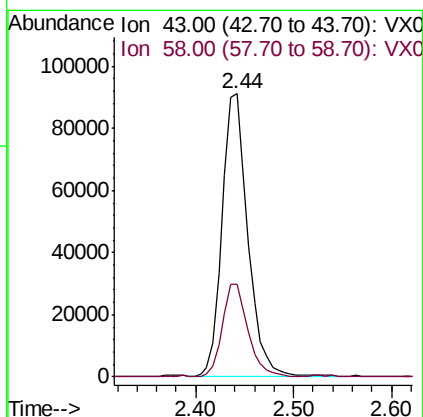
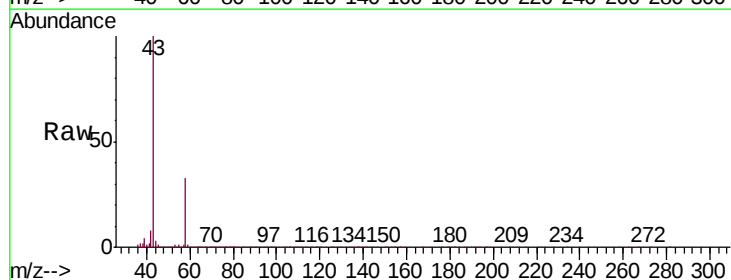
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

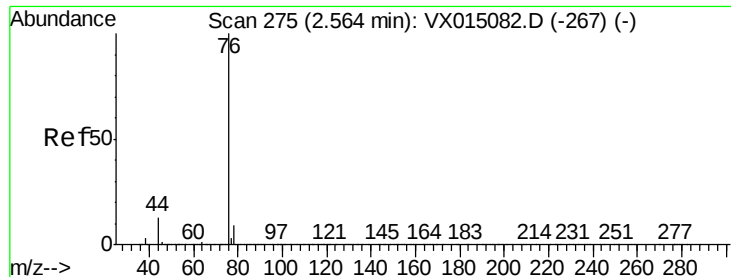
Tgt Ion: 53 Resp: 178104
 Ion Ratio Lower Upper
 53 100
 52 81.8 66.6 100.0
 51 35.7 29.0 43.6



#16
 Acetone
 Concen: 96.878 ug/l
 RT: 2.44 min Scan# 255
 Delta R.T. 0.01 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion: 43 Resp: 165838
 Ion Ratio Lower Upper
 43 100
 58 32.9 24.8 37.2





#17

Carbon Disulfide

Concen: 16.501 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

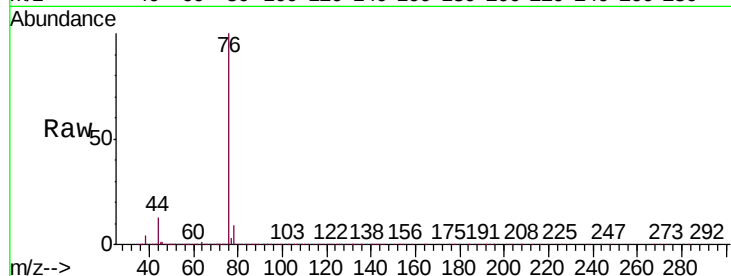
VX0311WBS01

Tgt Ion: 76 Resp: 158659

Ion Ratio Lower Upper

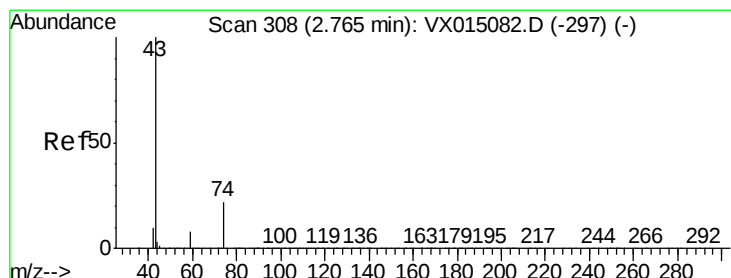
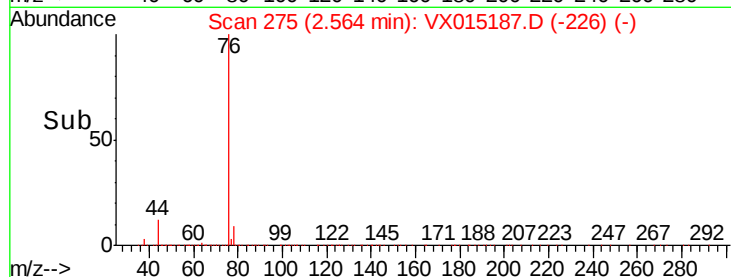
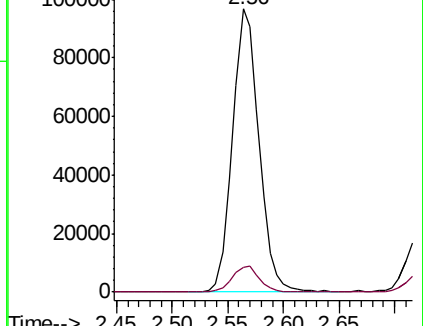
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.306 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015187.D

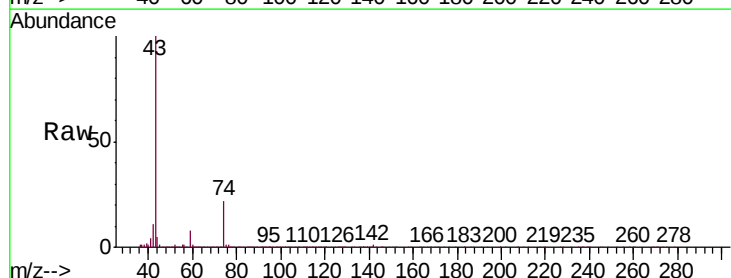
Acq: 11 Mar 2020 09:57

Tgt Ion: 43 Resp: 80808

Ion Ratio Lower Upper

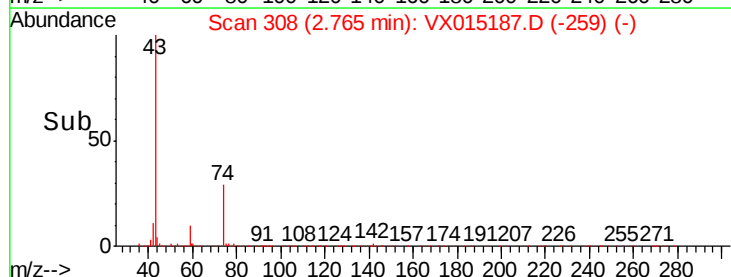
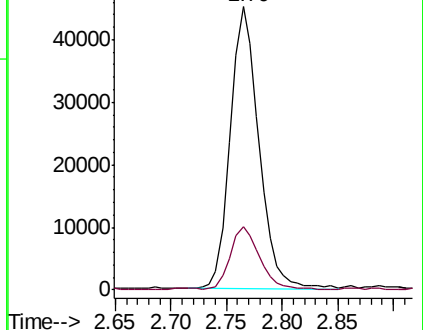
43 100

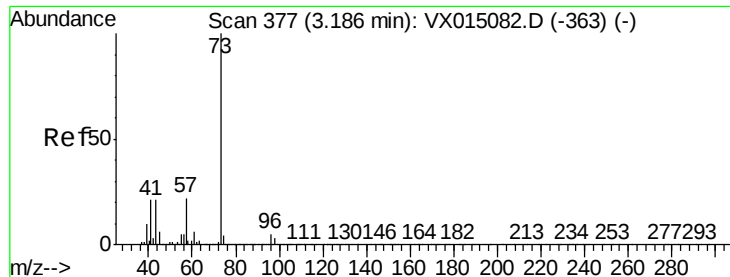
74 22.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 18.615 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

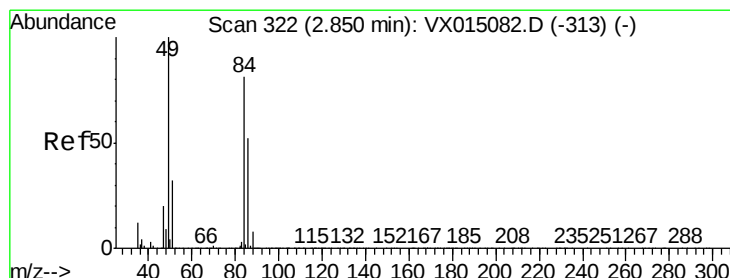
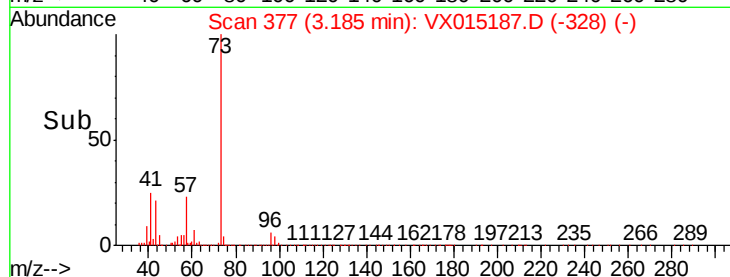
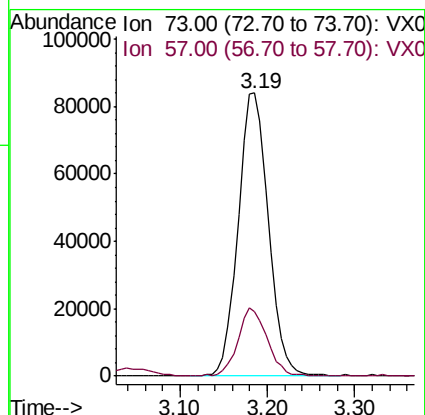
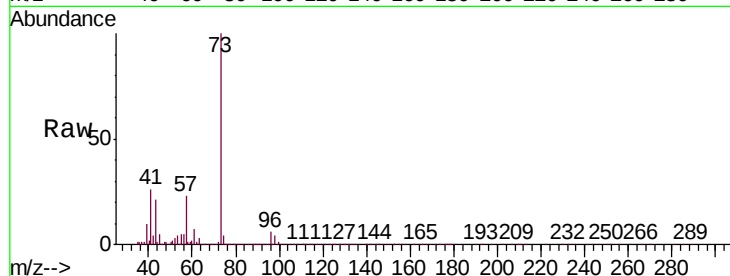
VX0311WBS01

Tgt Ion: 73 Resp: 201408

Ion Ratio Lower Upper

73 100

57 22.7 17.8 26.6



#20

Methylene Chloride

Concen: 17.570 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion: 84 Resp: 70386

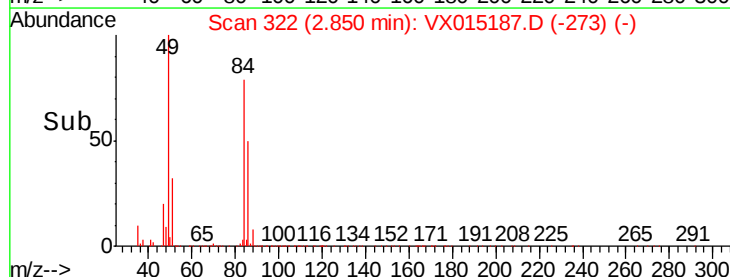
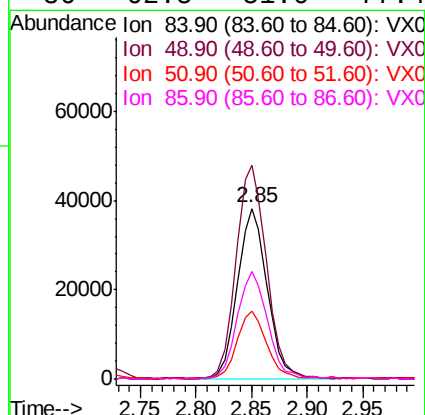
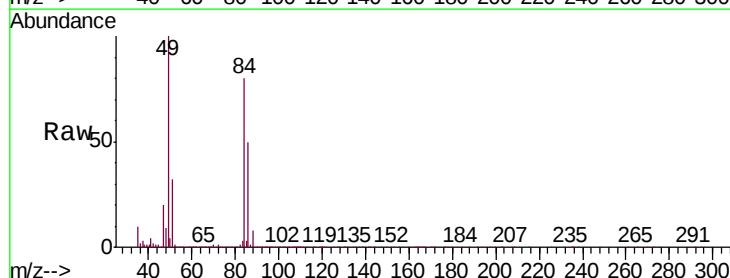
Ion Ratio Lower Upper

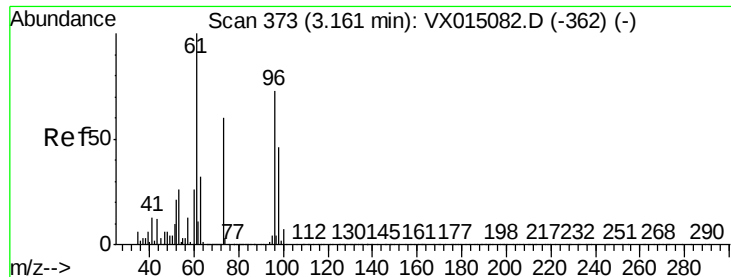
84 100

49 125.3 99.4 149.2

51 39.9 31.5 47.3

86 62.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.318 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

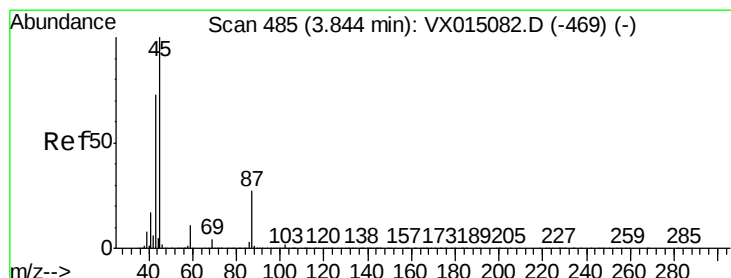
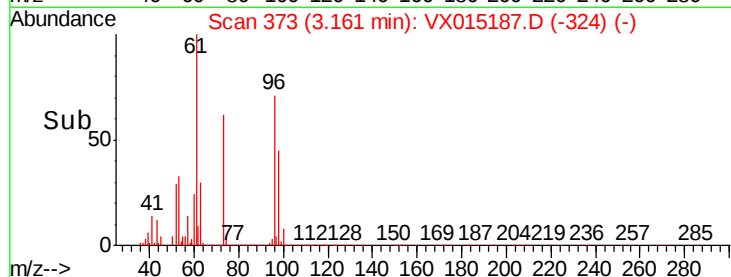
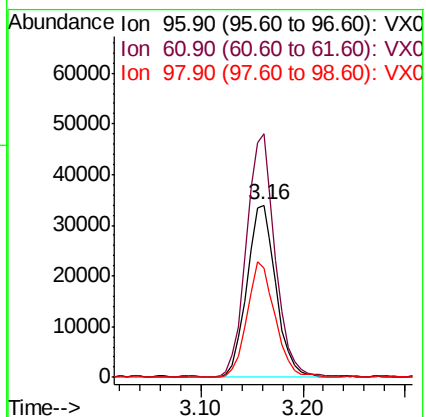
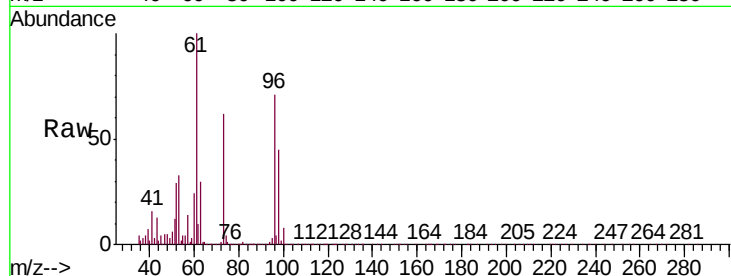
Tgt Ion: 96 Resp: 67720

Ion Ratio Lower Upper

96 100

61 140.4 109.9 164.9

98 63.0 50.2 75.2



#22

Diisopropyl ether

Concen: 20.085 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion: 45 Resp: 241581

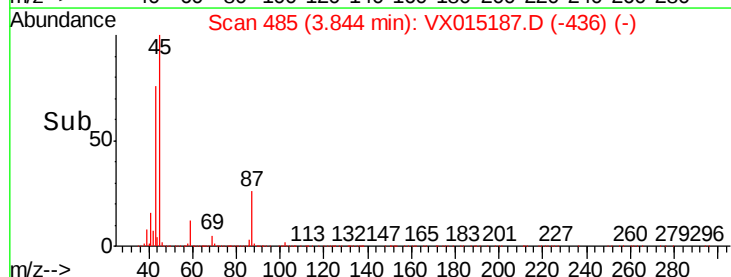
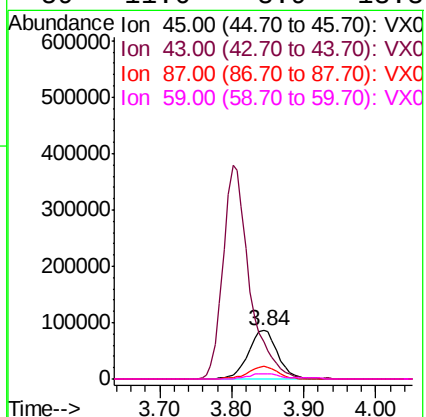
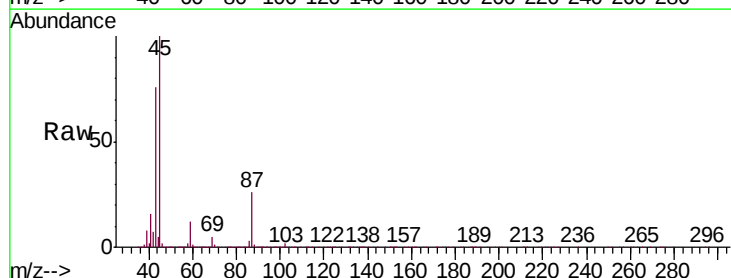
Ion Ratio Lower Upper

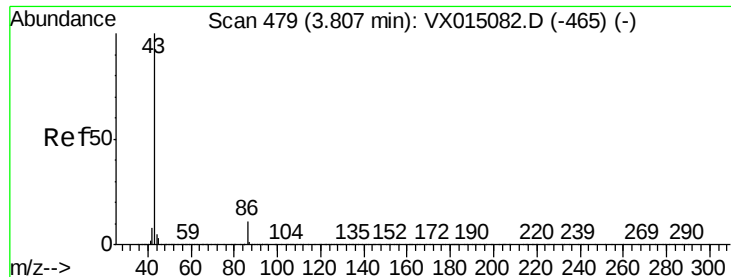
45 100

43 76.0 58.2 87.2

87 26.2 21.2 31.8

59 11.6 8.9 13.3





#23

Vinyl Acetate

Concen: 98.361 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

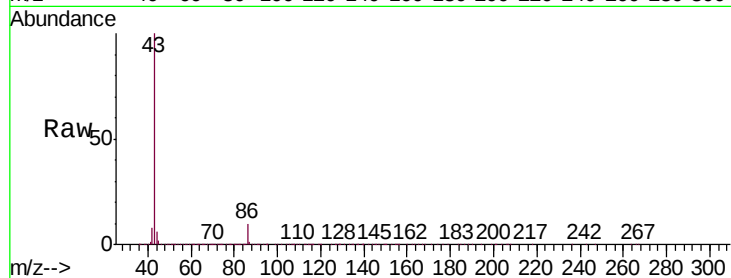
VX0311WBS01

Tgt Ion: 43 Resp: 972496

Ion Ratio Lower Upper

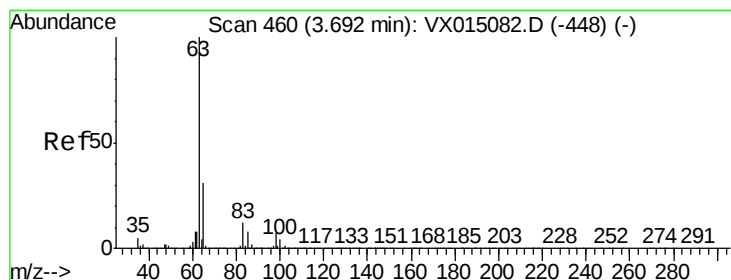
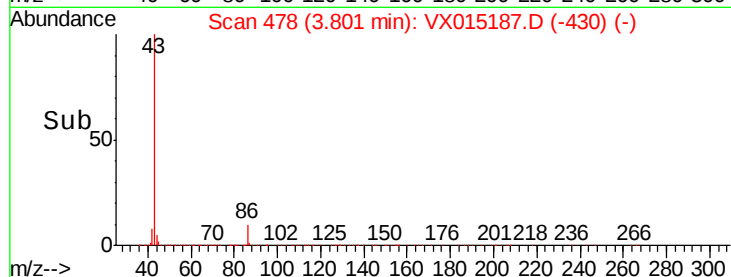
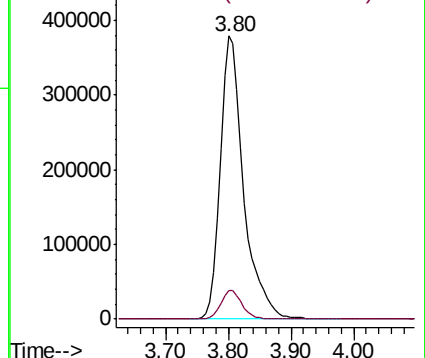
43 100

86 10.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.058 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

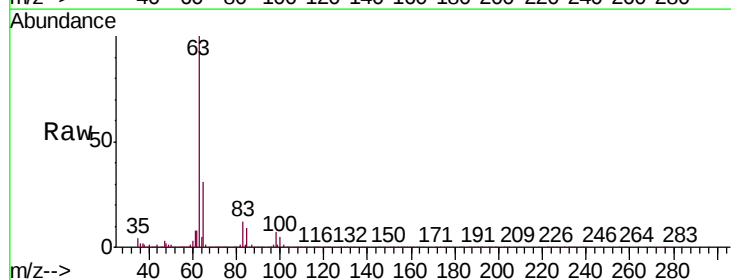
Tgt Ion: 63 Resp: 127225

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

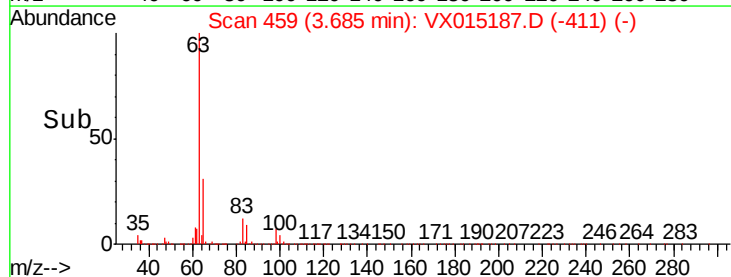
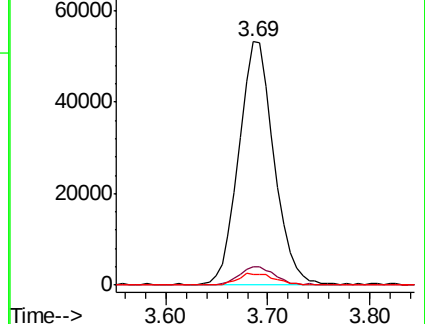
100 4.3 2.1 6.5

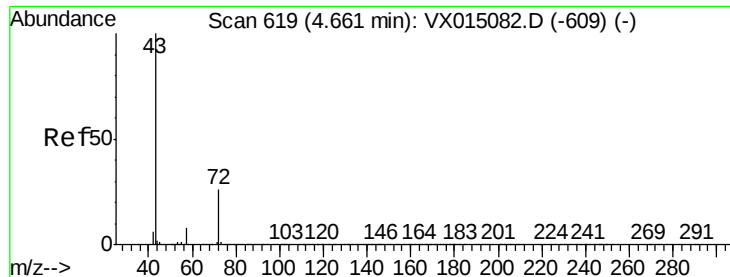


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 106.758 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

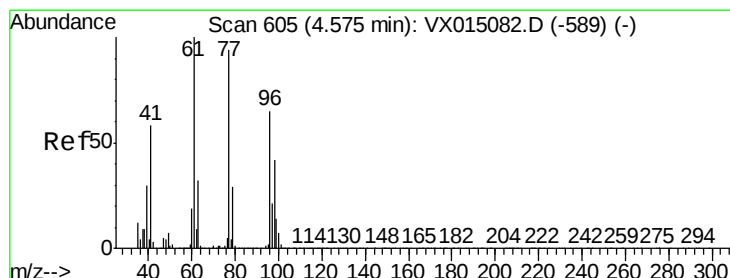
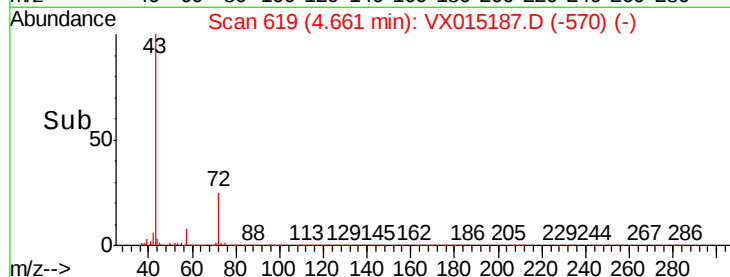
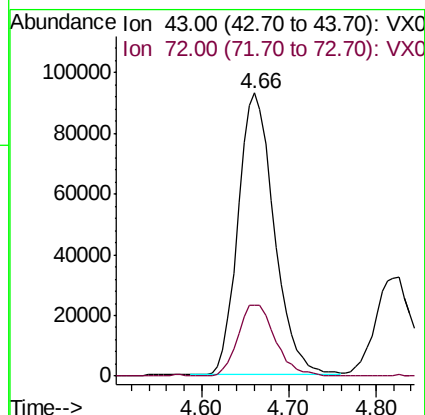
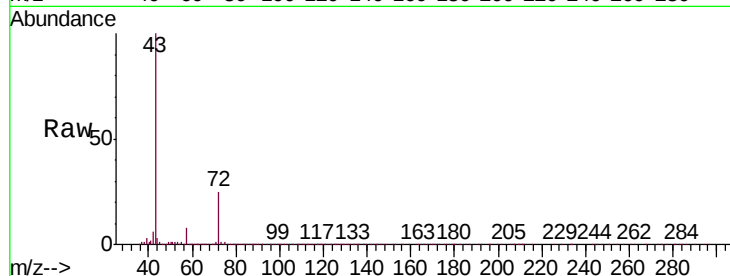
VX0311WBS01

Tgt Ion: 43 Resp: 267546

Ion Ratio Lower Upper

43 100

72 25.0 20.6 30.8



#26

2,2-Dichloropropane

Concen: 18.676 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015187.D

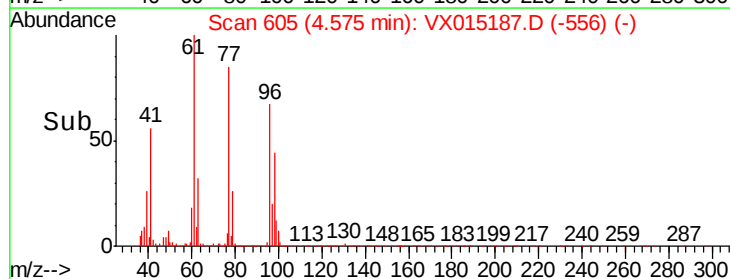
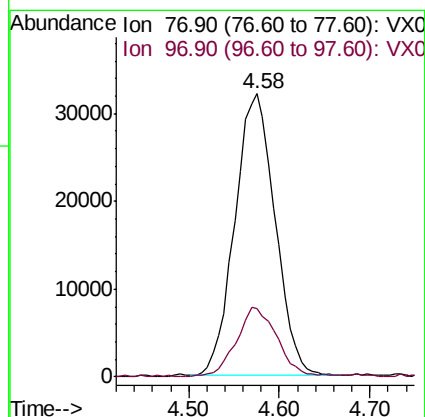
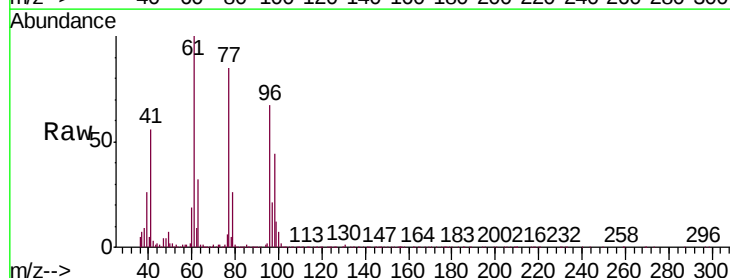
Acq: 11 Mar 2020 09:57

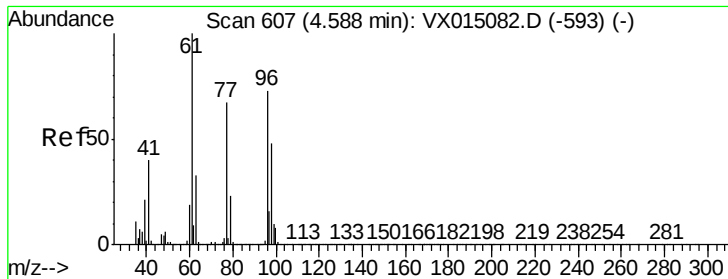
Tgt Ion: 77 Resp: 98974

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4



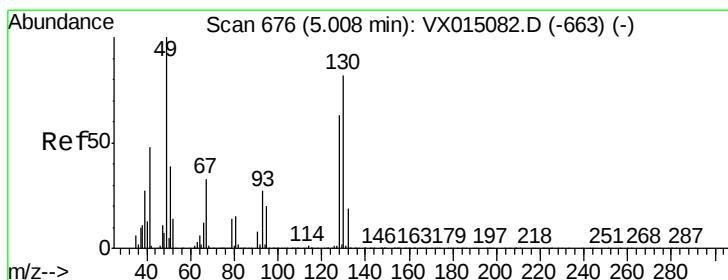
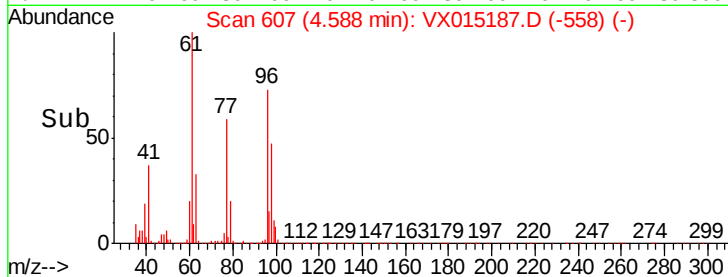
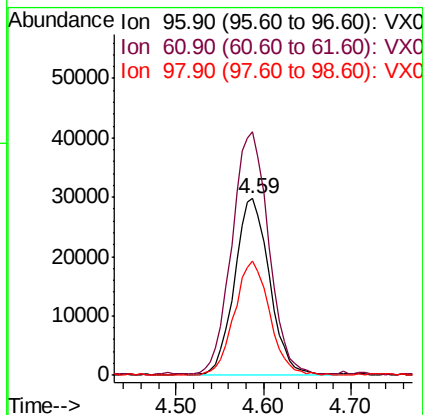
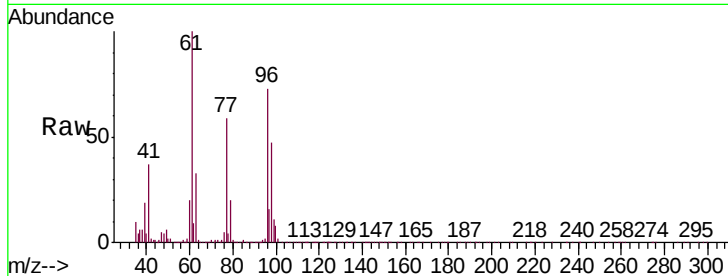


#27

cis-1,2-Dichloroethene
Concen: 19.808 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampled :
VX0311WBS01

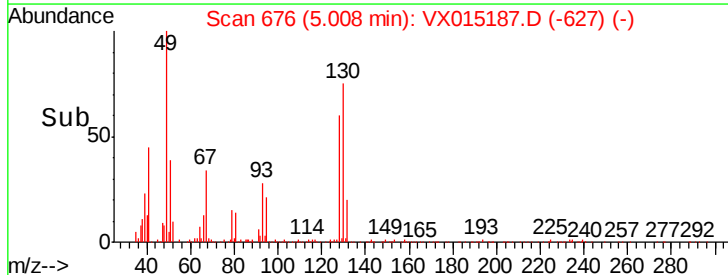
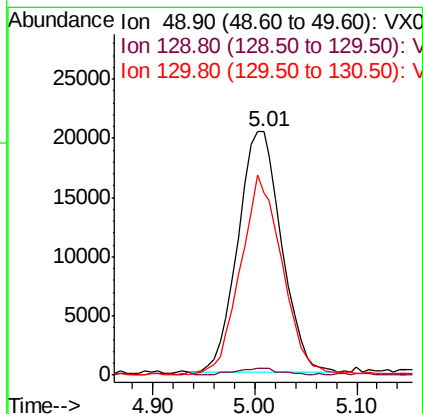
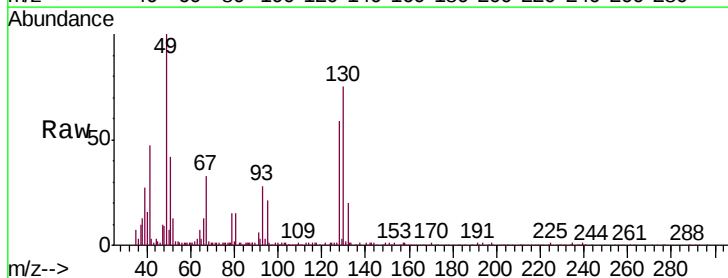
Tgt Ion: 96 Resp: 82153
Ion Ratio Lower Upper
96 100
61 144.4 0.0 286.8
98 66.0 0.0 128.4

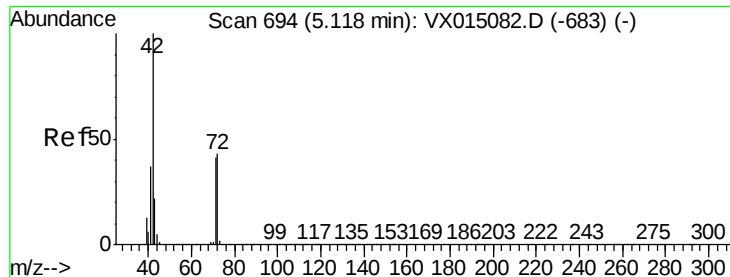


#28

Bromochloromethane
Concen: 19.910 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 49 Resp: 60521
Ion Ratio Lower Upper
49 100
129 3.1 0.0 4.4
130 80.2 65.0 97.6





#29

Tetrahydrofuran

Concen: 94.167 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

VX0311WBS01

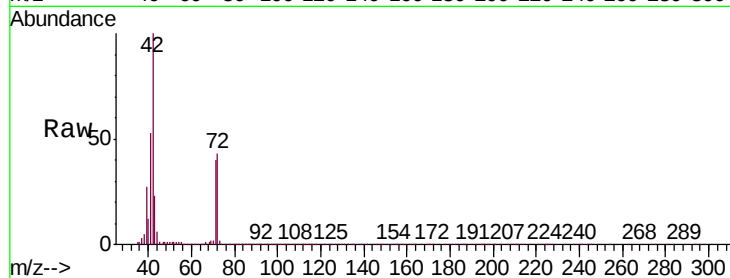
Tgt Ion: 42 Resp: 152123

Ion Ratio Lower Upper

42 100

72 44.2 36.4 54.6

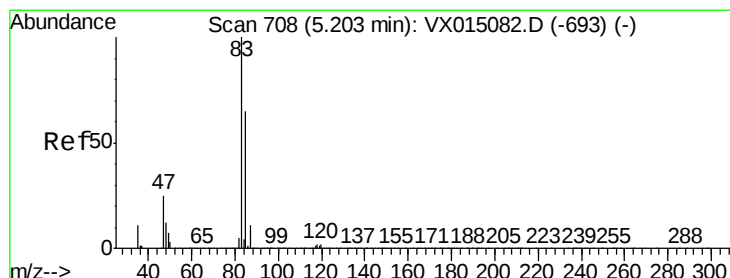
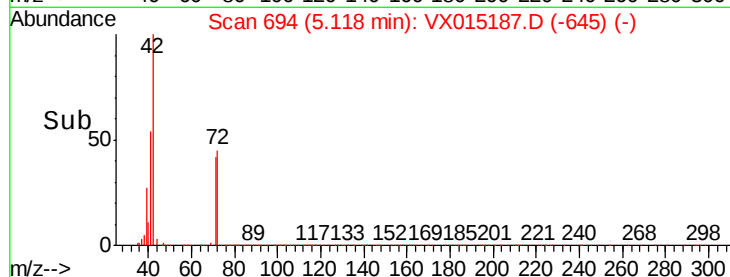
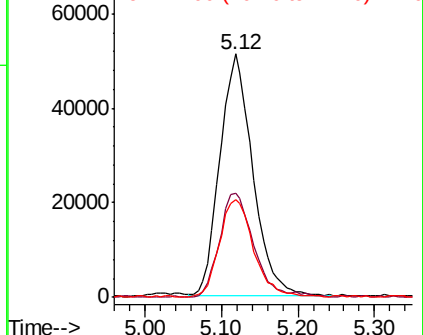
71 41.6 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.938 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015187.D

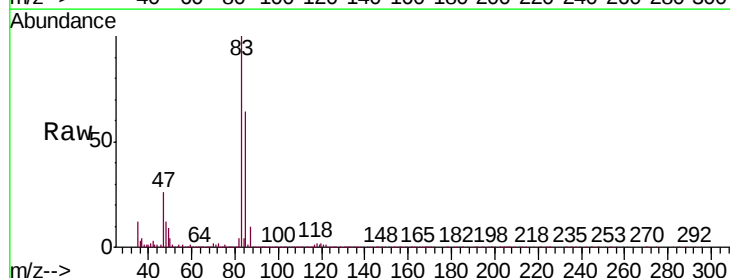
Acq: 11 Mar 2020 09:57

Tgt Ion: 83 Resp: 129723

Ion Ratio Lower Upper

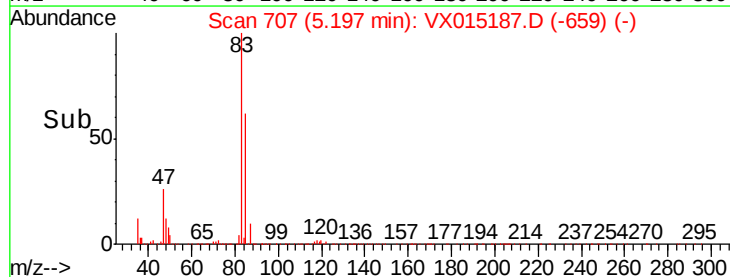
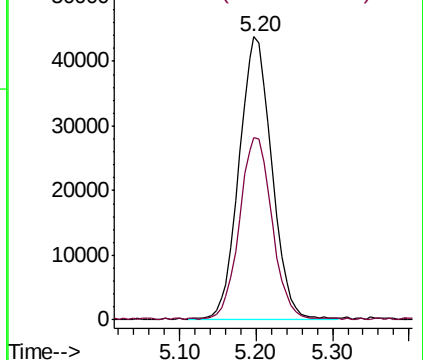
83 100

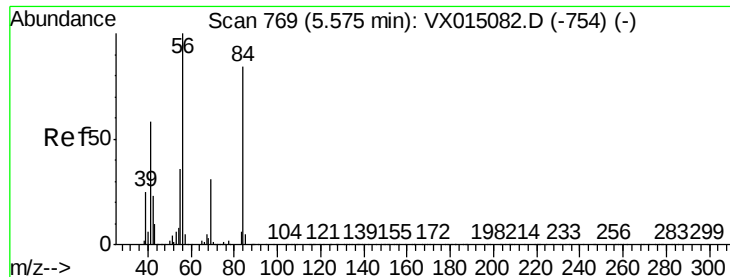
85 64.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

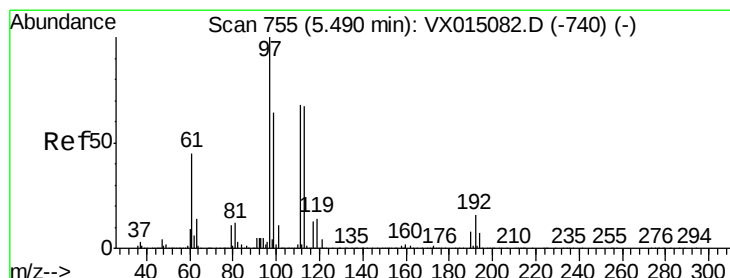
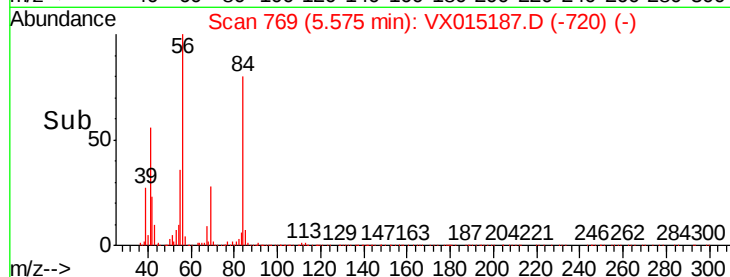
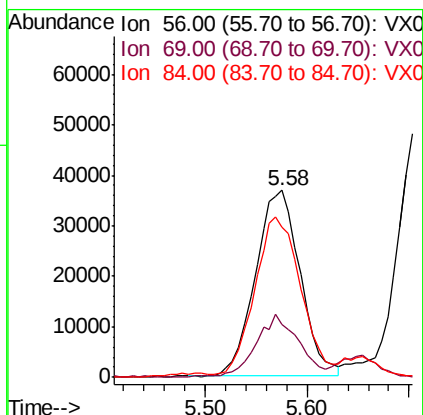
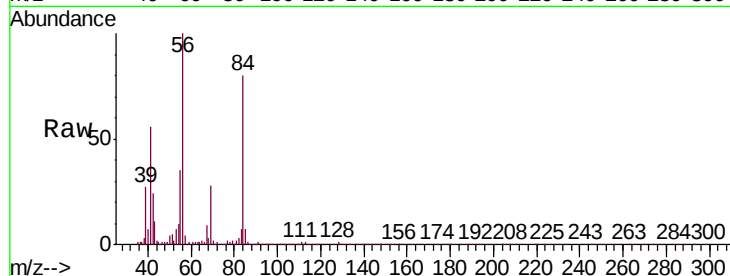




#31
Cyclohexane
Concen: 18.748 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

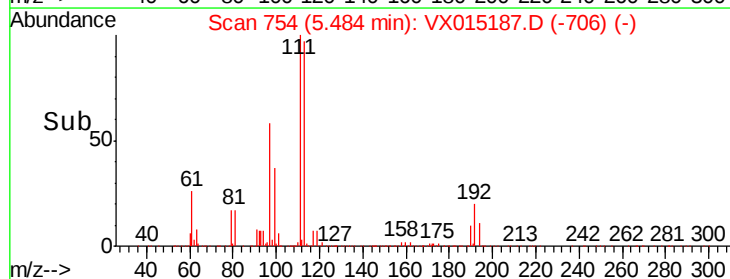
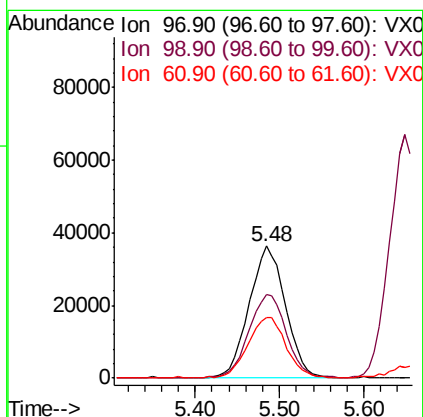
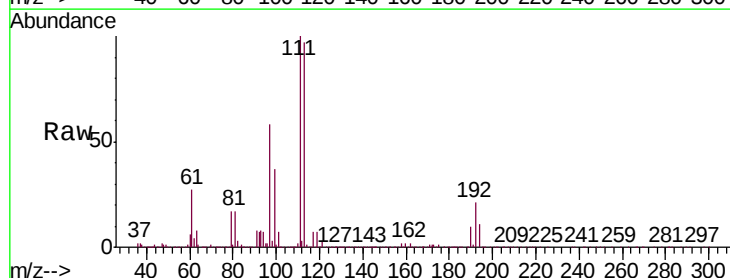
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

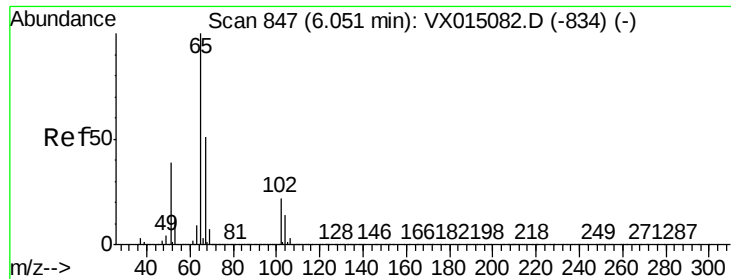
Tgt Ion: 56 Resp: 111635
Ion Ratio Lower Upper
56 100
69 28.1 25.0 37.6
84 78.3 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.782 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 97 Resp: 106694
Ion Ratio Lower Upper
97 100
99 66.0 52.8 79.2
61 48.6 36.6 54.8

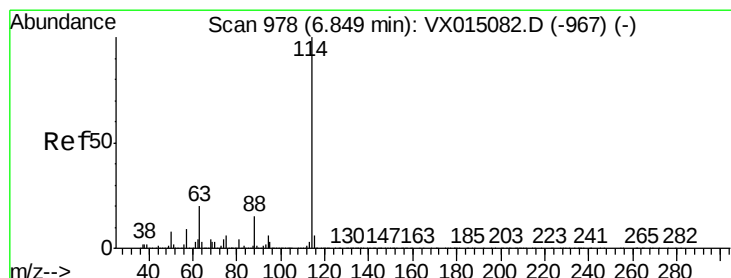
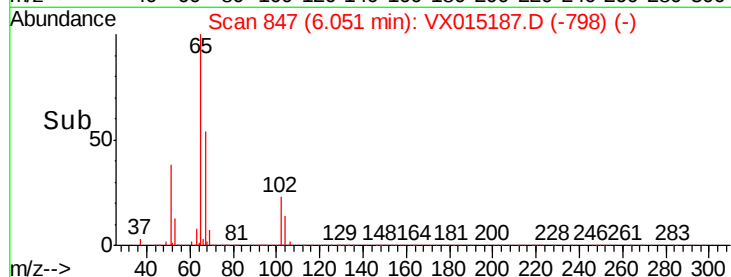
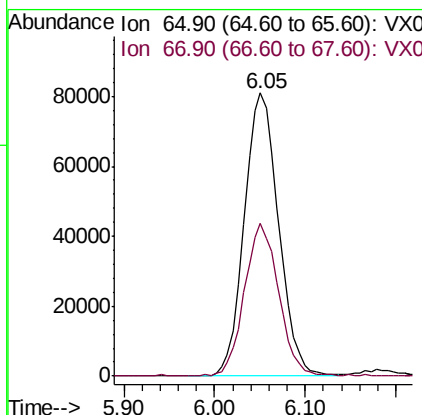
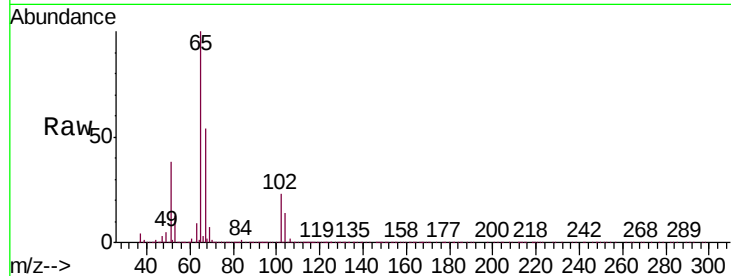




#33
 1,2-Dichloroethane-d4
 Concen: 49.961 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

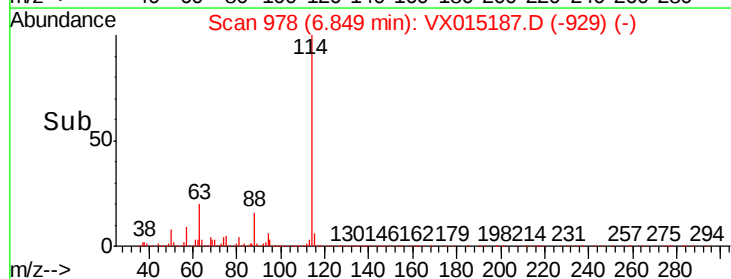
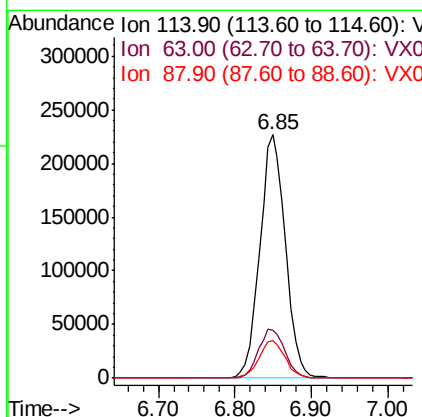
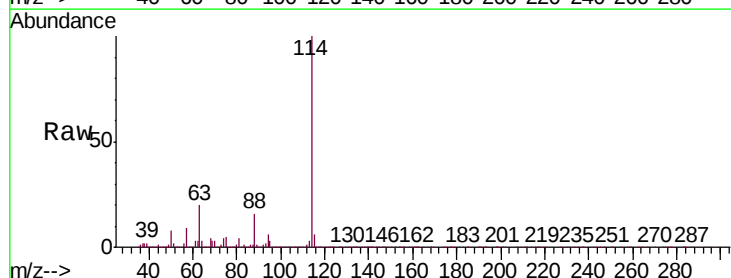
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

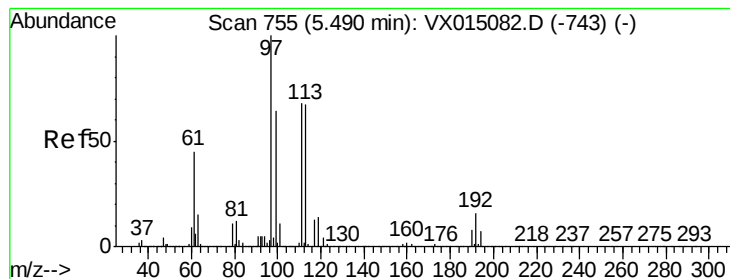
Tgt Ion: 65 Resp: 211181
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion: 114 Resp: 527305
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.634 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

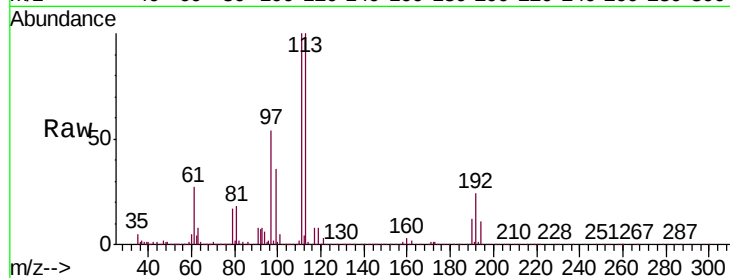
Tgt Ion:113 Resp: 175092

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

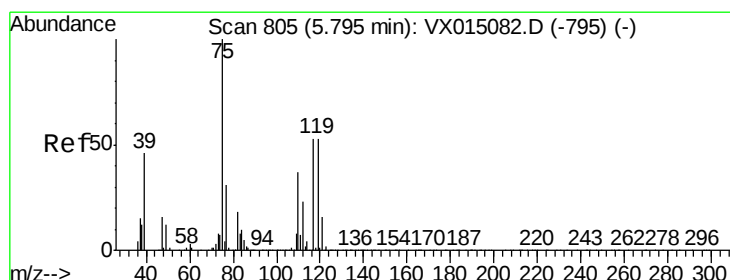
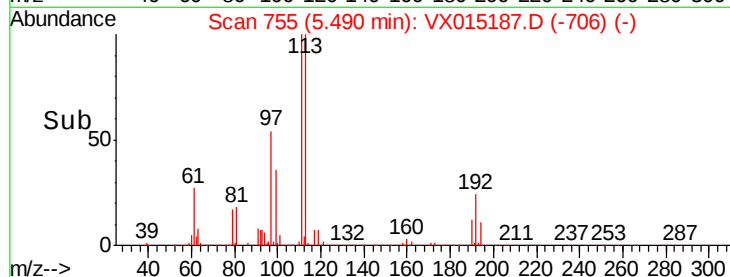
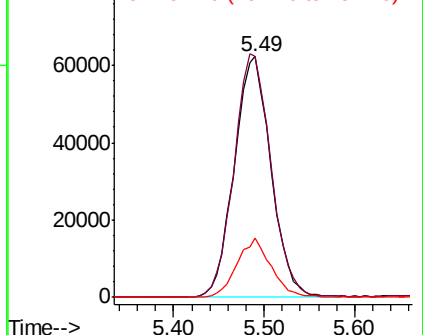
192 23.0 18.6 28.0



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: 19.864 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

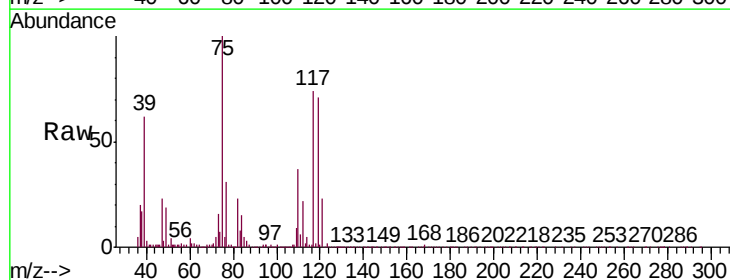
Tgt Ion: 75 Resp: 96832

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.8

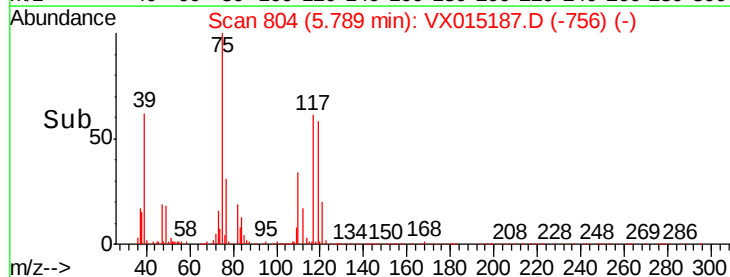
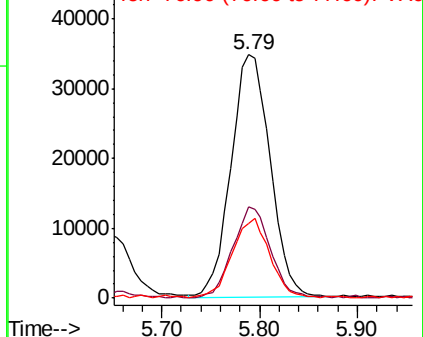
77 30.7 24.8 37.2

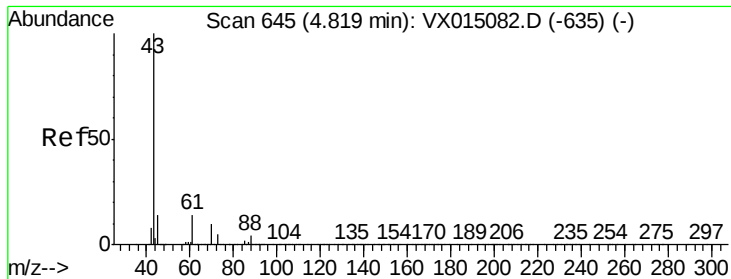


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

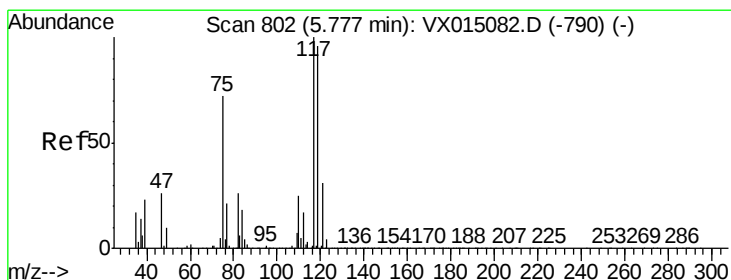
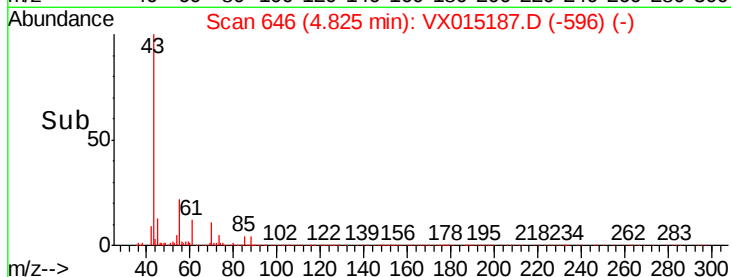
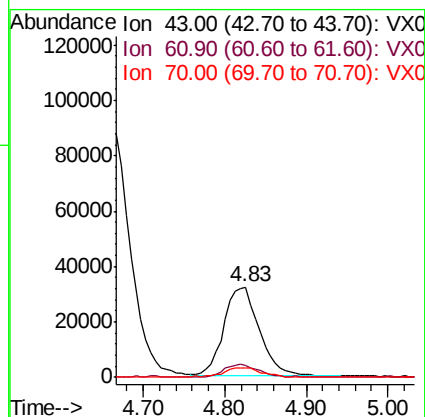
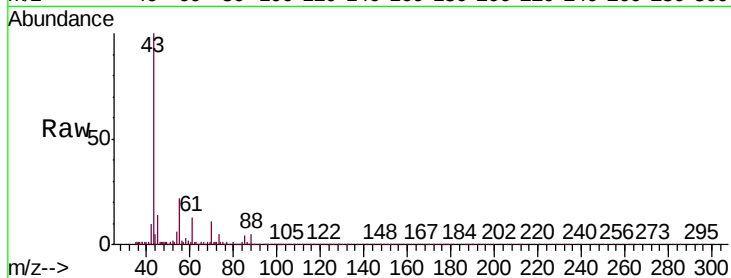




#37
Ethyl Acetate
Concen: 21.678 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

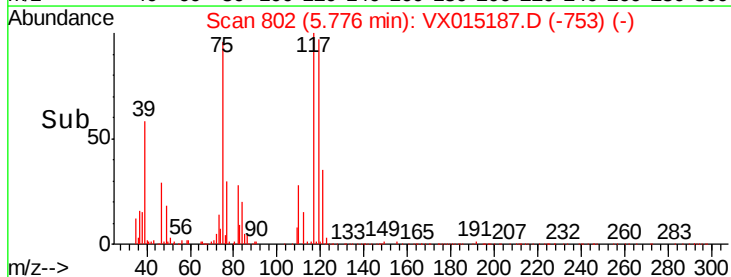
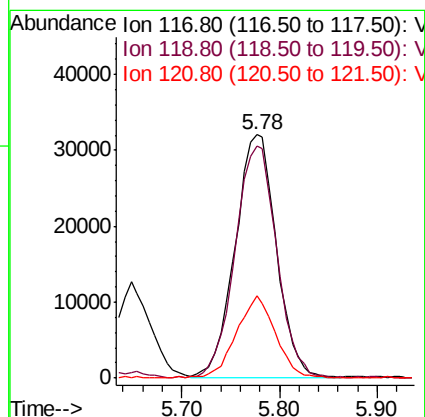
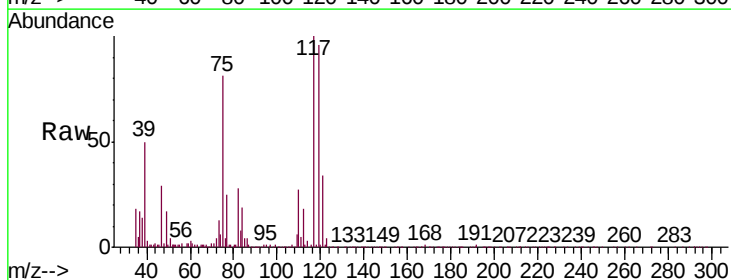
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

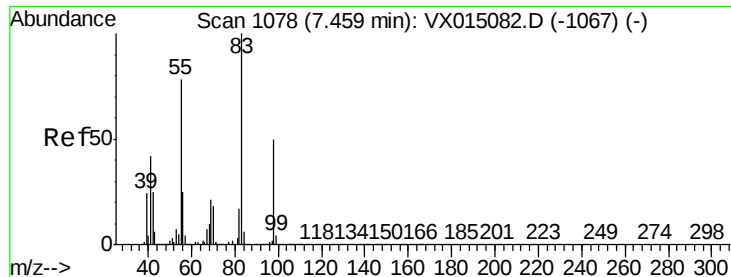
Tgt Ion: 43 Resp: 98023
Ion Ratio Lower Upper
43 100
61 15.3 11.0 16.4
70 10.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.230 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 117 Resp: 93086
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3
121 34.1 24.6 37.0

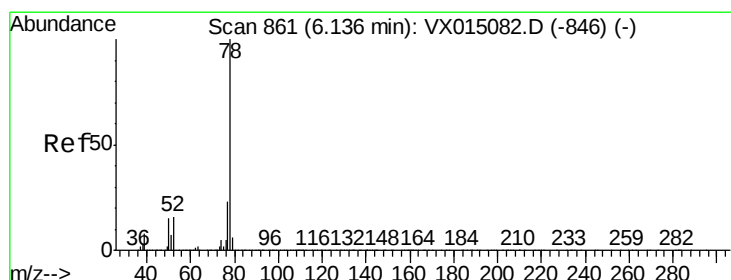
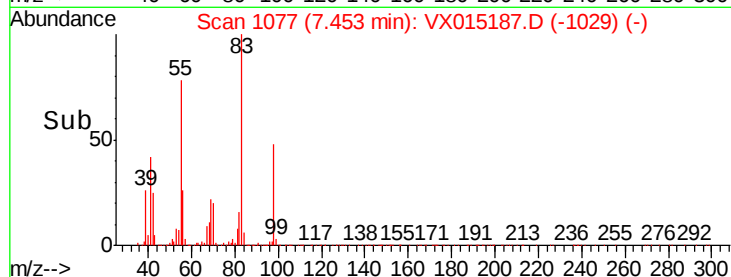
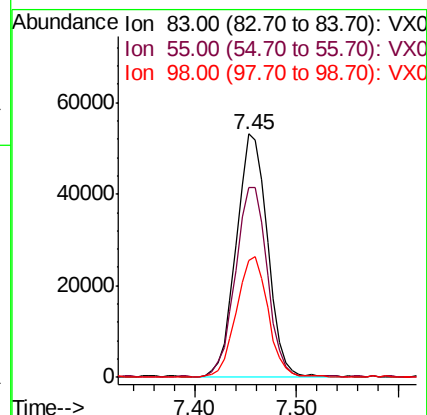
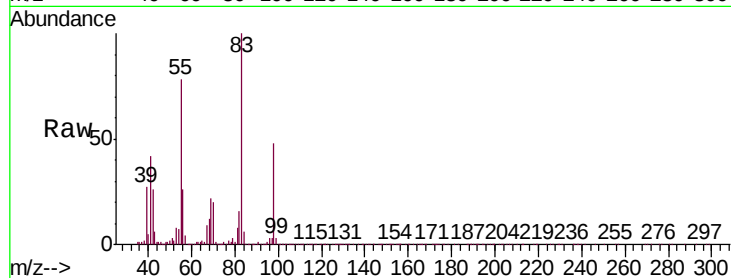




#39
Methylcyclohexane
Concen: 19.768 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

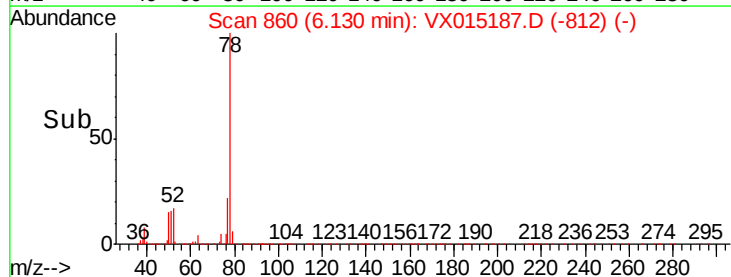
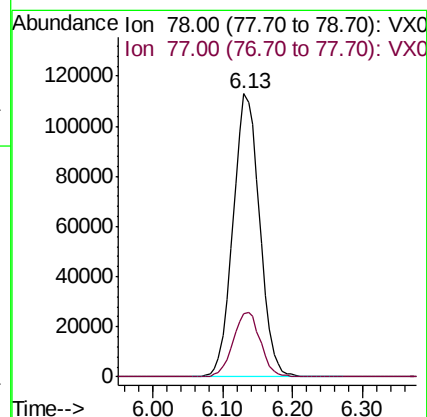
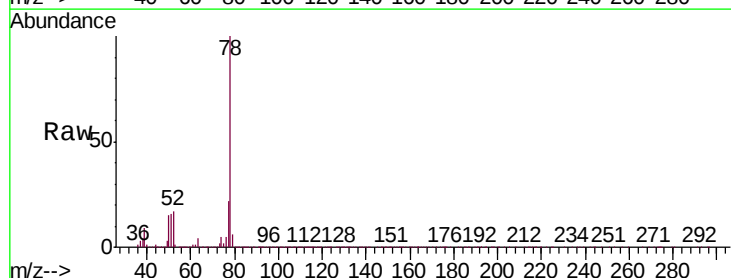
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

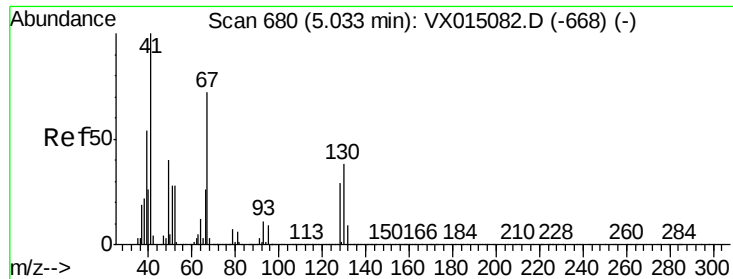
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.0	62.4	93.6
98	48.1	39.7	59.5



#40
Benzene
Concen: 20.517 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	28.0

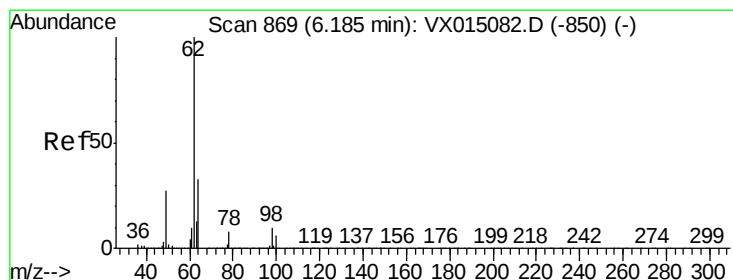
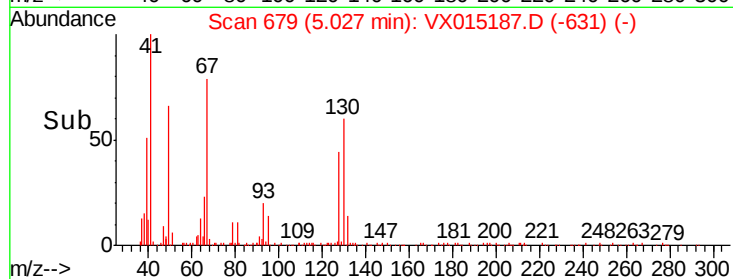
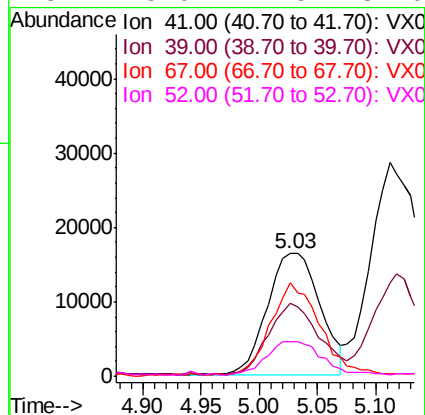
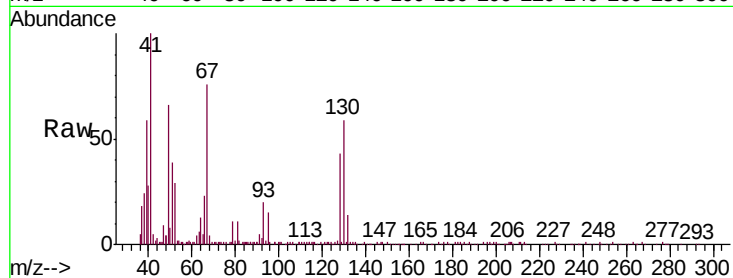




#41
Methacrylonitrile
Concen: 18.975 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

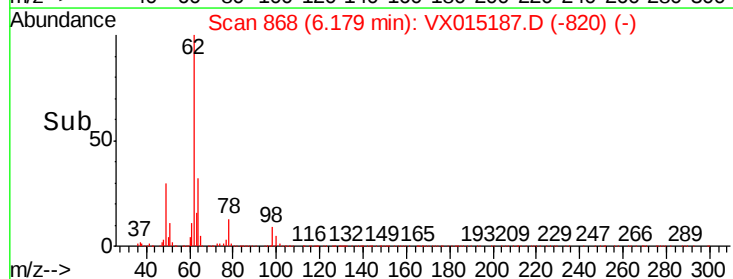
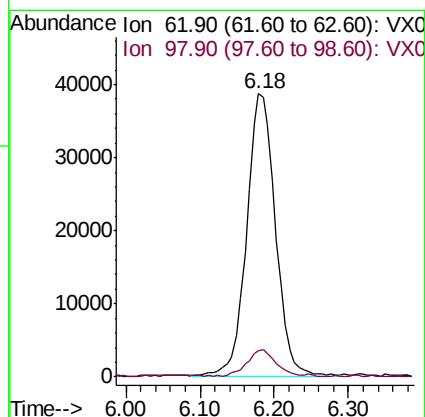
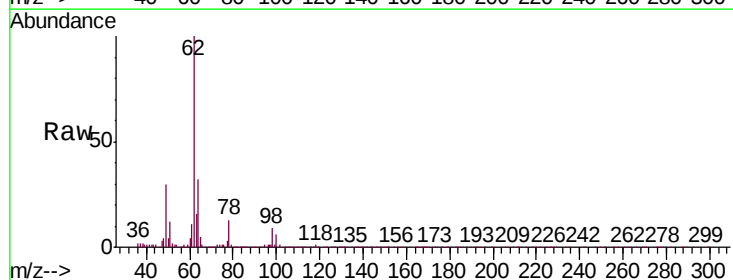
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

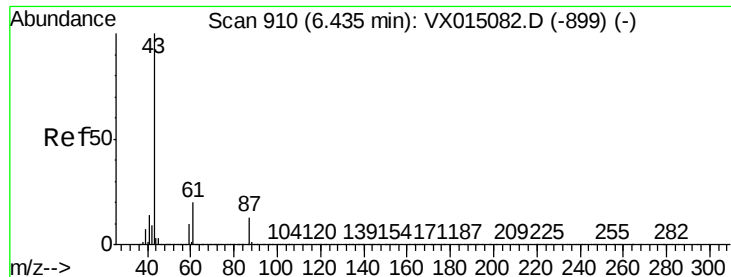
Tgt Ion:	41	Resp:	51536
Ion	Ratio	Lower	Upper
41	100		
39	56.8	43.9	65.9
67	71.7	57.8	86.8
52	28.0	22.6	34.0



#42
1,2-Dichloroethane
Concen: 21.063 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion:	62	Resp:	104611
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.6





#43

Isopropyl Acetate

Concen: 20.217 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

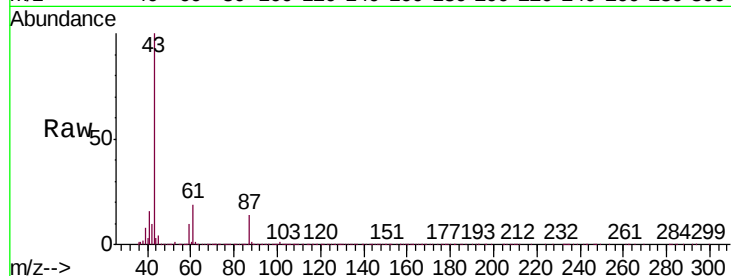
Tgt Ion: 43 Resp: 160825

Ion Ratio Lower Upper

43 100

61 19.7 16.1 24.1

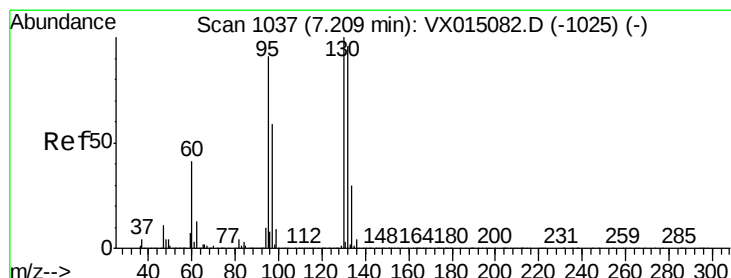
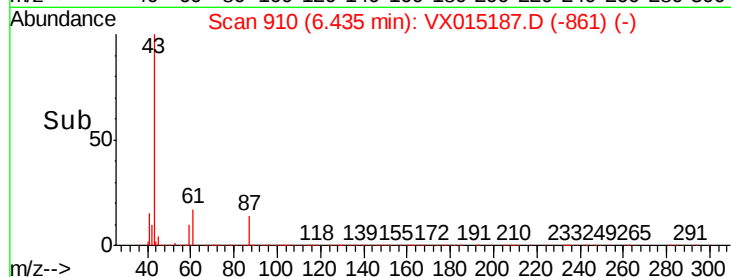
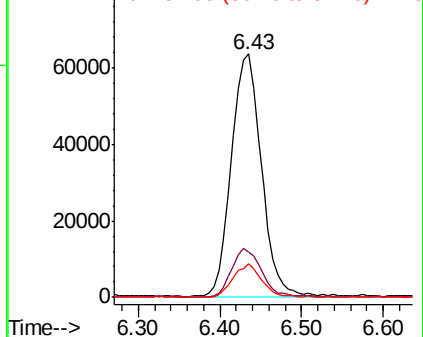
87 12.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.832 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015187.D

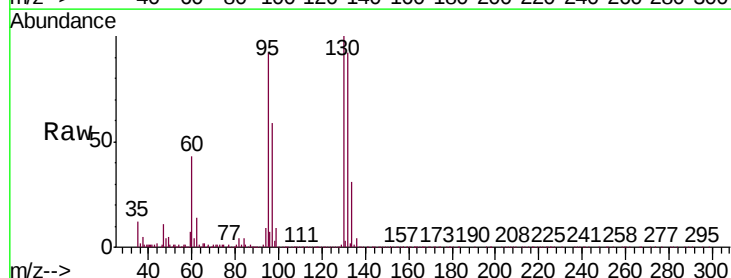
Acq: 11 Mar 2020 09:57

Tgt Ion: 130 Resp: 79880

Ion Ratio Lower Upper

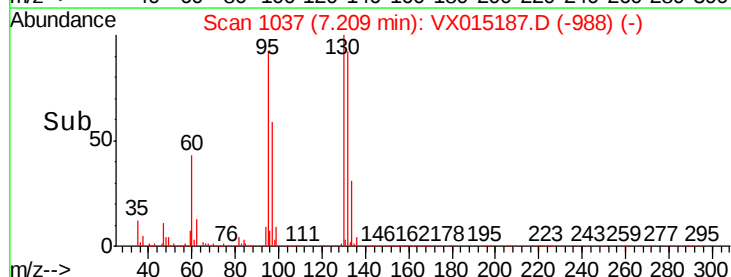
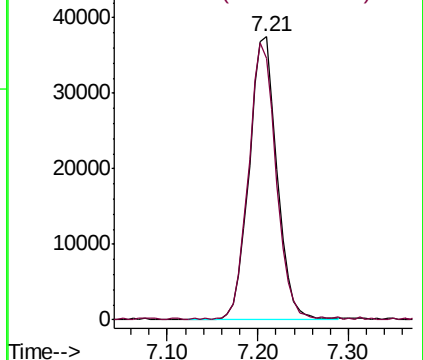
130 100

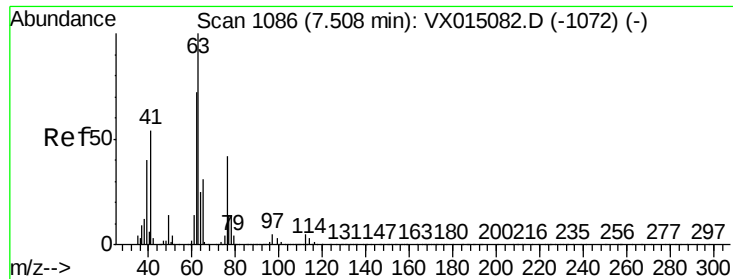
95 91.6 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

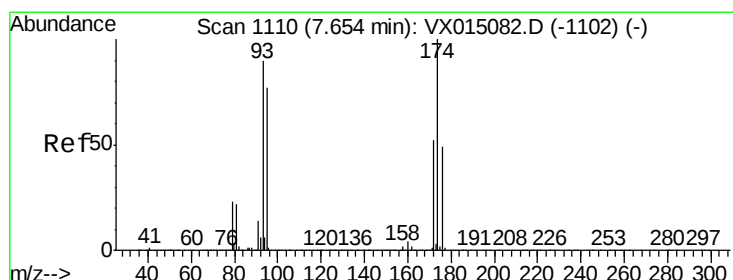
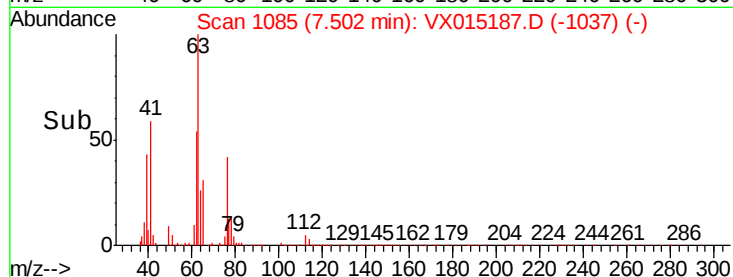
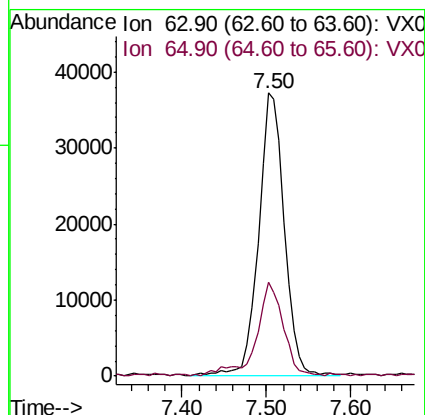
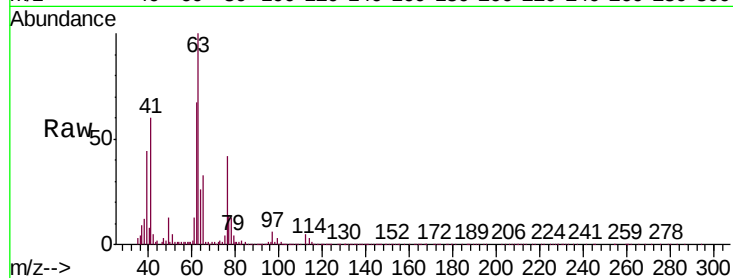




#45
 1,2-Dichloropropane
 Concen: 20.909 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

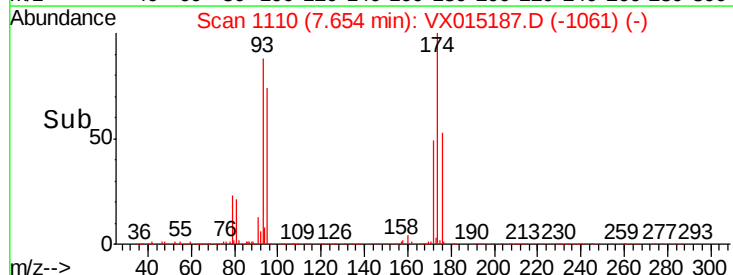
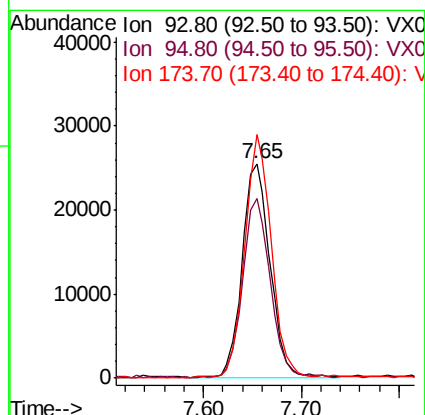
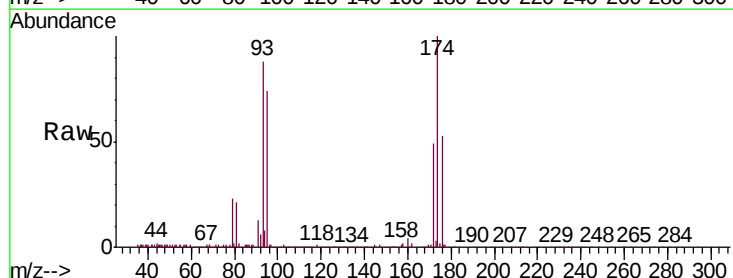
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Tgt Ion: 63 Resp: 78273
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.6 36.8



#46
 Dibromomethane
 Concen: 20.912 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion: 93 Resp: 51010
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.8 101.8
 174 105.9 91.0 136.4





#47

Bromodichloromethane

Concen: 20.509 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

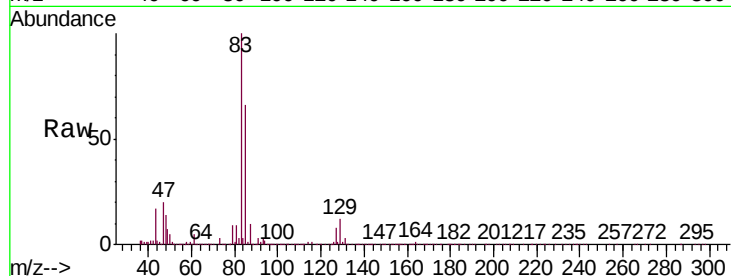
Tgt Ion: 83 Resp: 98928

Ion Ratio Lower Upper

83 100

85 66.1 50.6 75.8

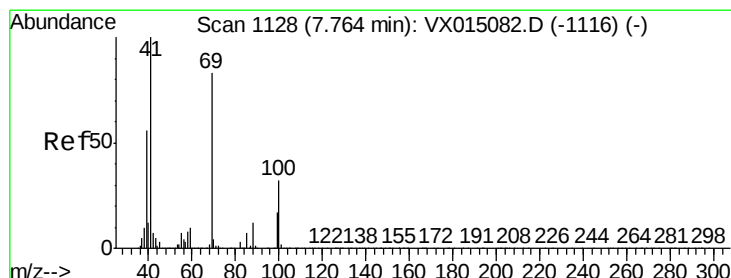
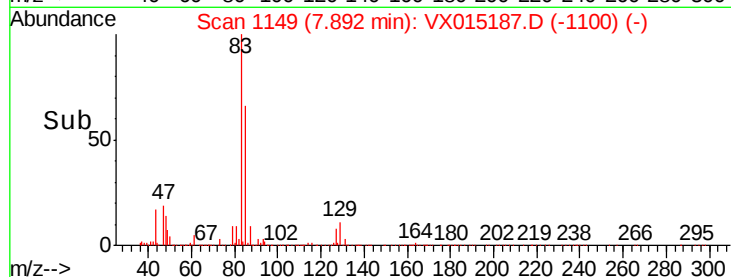
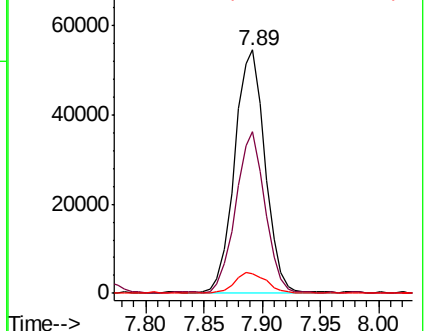
127 7.8 7.1 10.7



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: 19.518 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

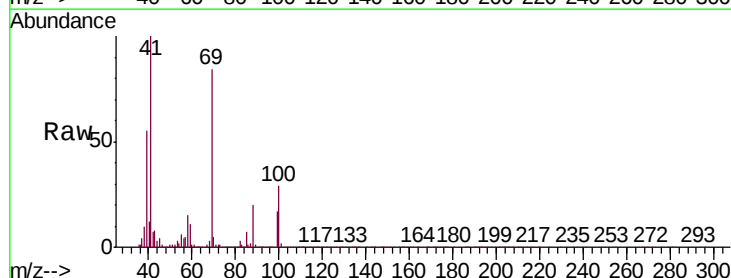
Tgt Ion: 41 Resp: 79022

Ion Ratio Lower Upper

41 100

69 81.0 65.4 98.2

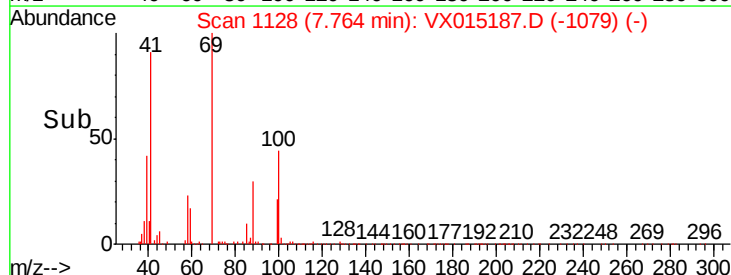
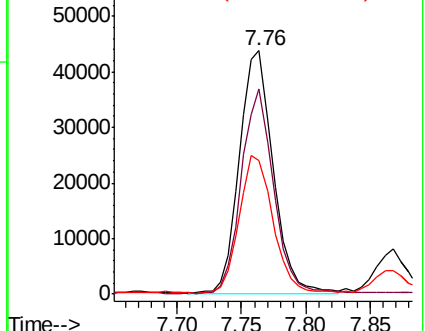
39 58.5 44.6 67.0

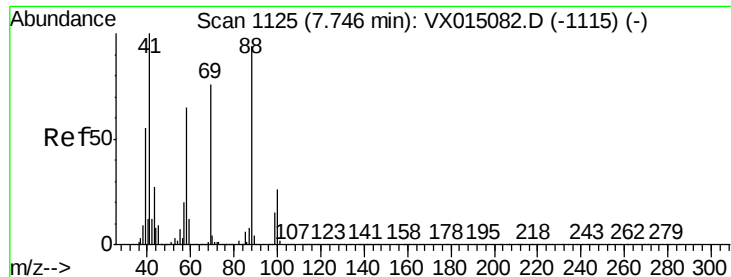


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

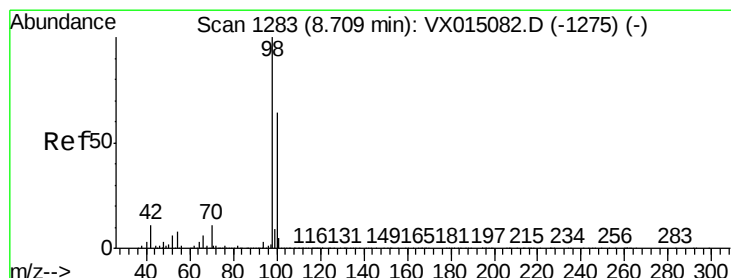
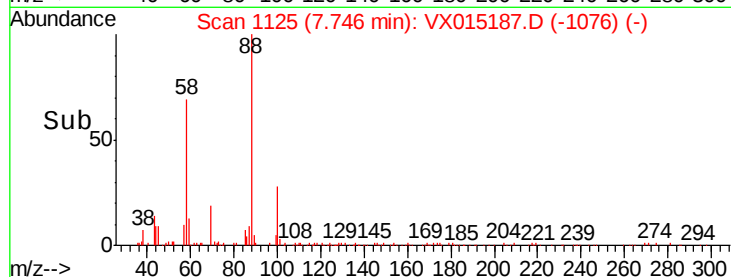
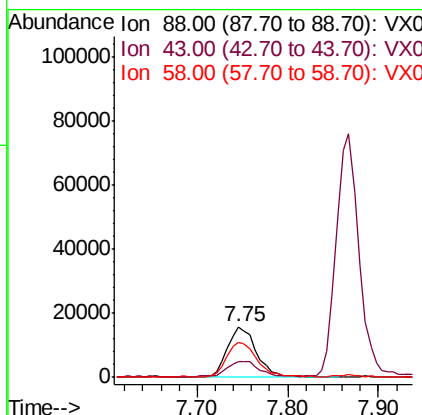
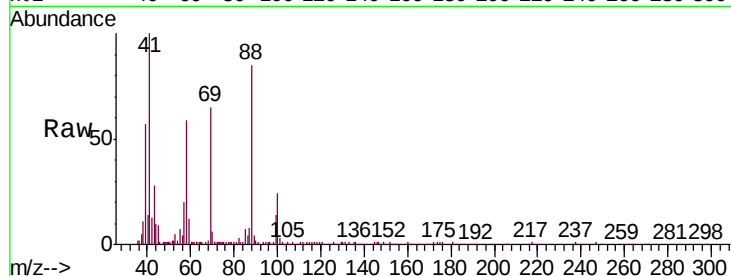




#49
1,4-Dioxane
Concen: 400.345 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

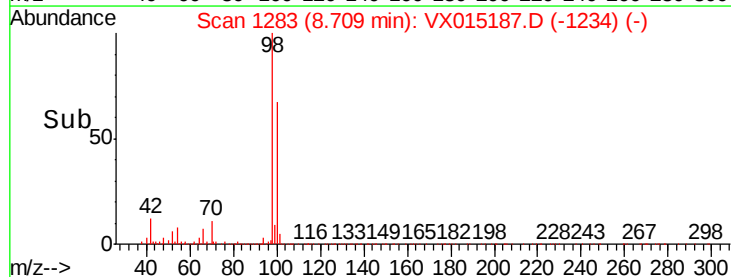
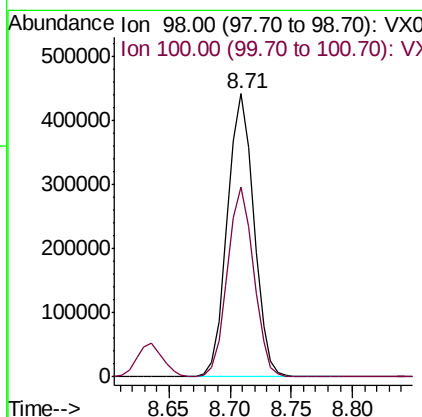
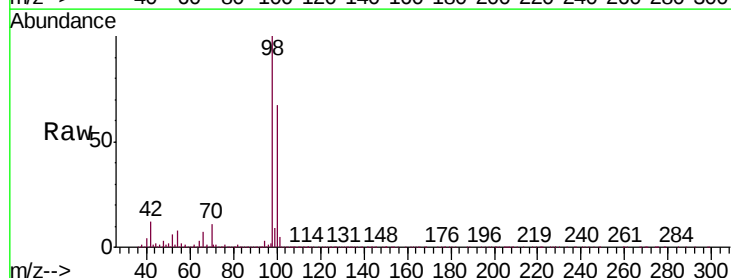
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

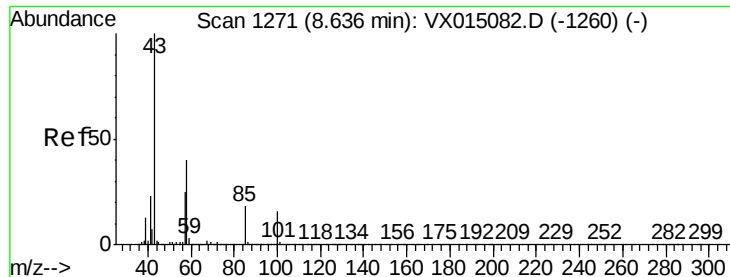
Tgt Ion: 88 Resp: 35045
Ion Ratio Lower Upper
88 100
43 32.8 27.0 40.4
58 69.9 55.6 83.4



#50
Toluene-d8
Concen: 52.284 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 98 Resp: 661594
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

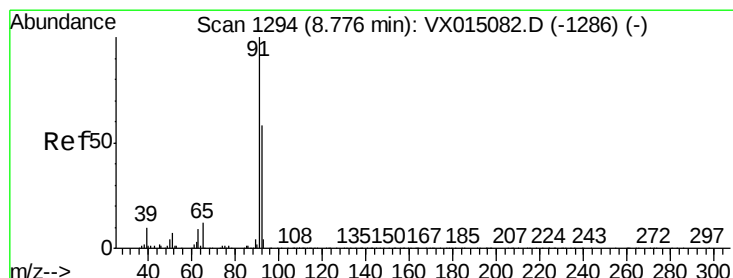
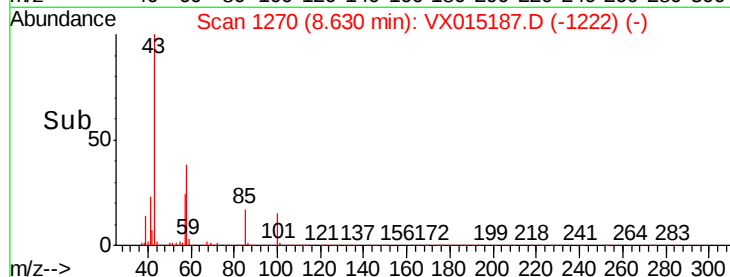
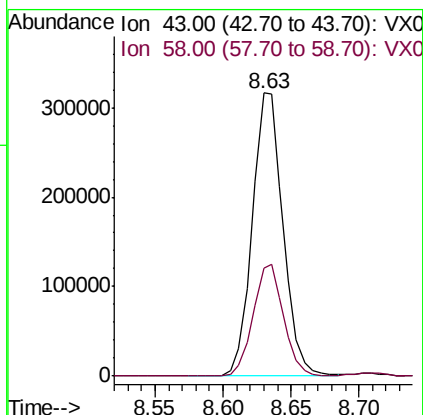
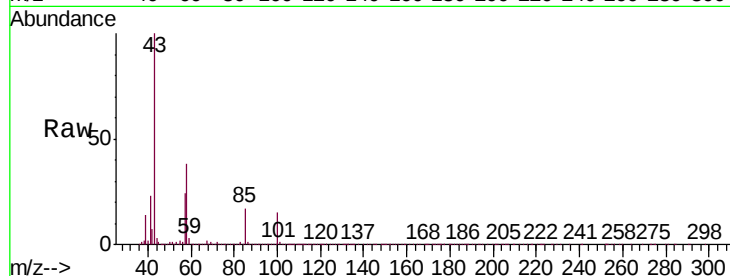




#51
4-Methyl-2-Pentanone
Concen: 106.380 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

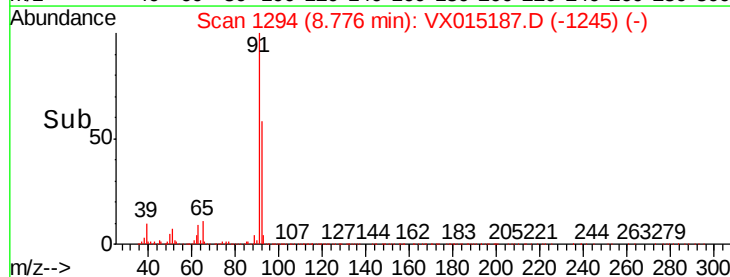
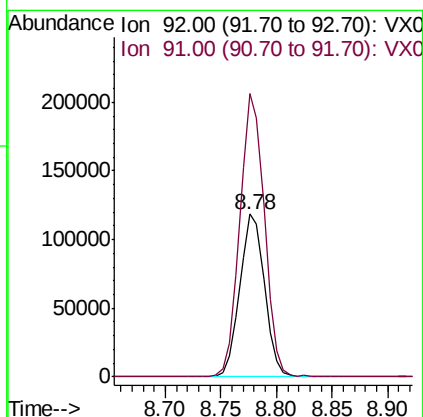
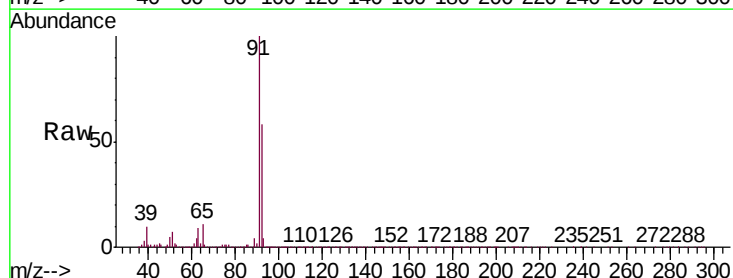
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

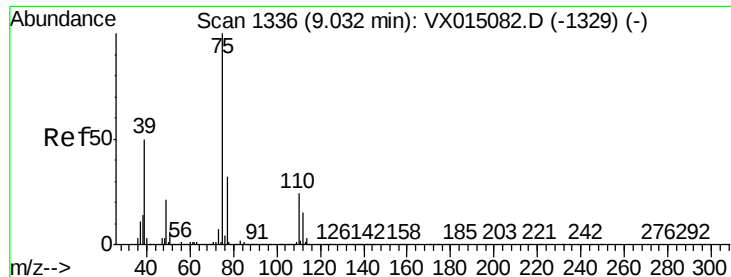
Tgt Ion: 43 Resp: 500338
Ion Ratio Lower Upper
43 100
58 39.0 31.6 47.4



#52
Toluene
Concen: 20.751 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 92 Resp: 183498
Ion Ratio Lower Upper
92 100
91 172.2 136.9 205.3

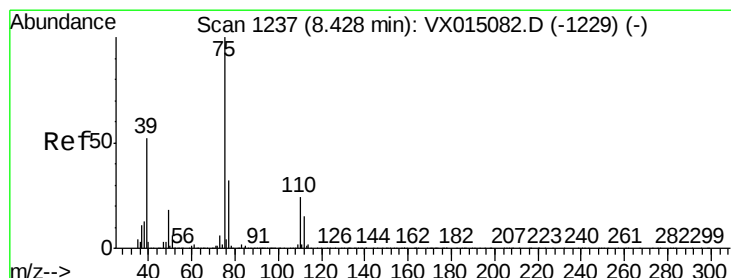
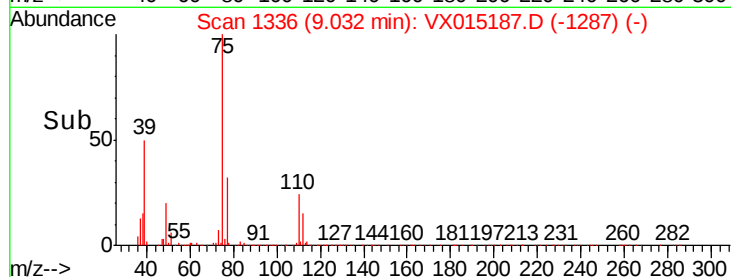
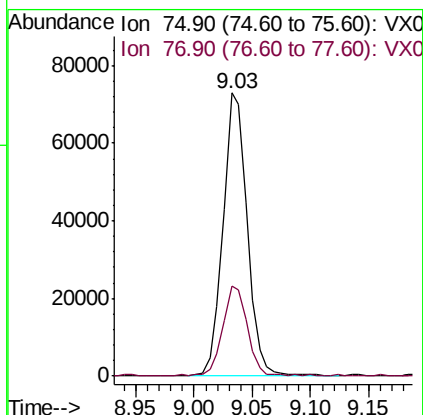
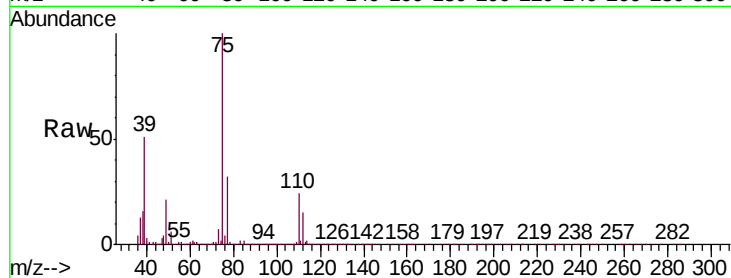




#53
 t-1,3-Dichloropropene
 Concen: 20.345 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

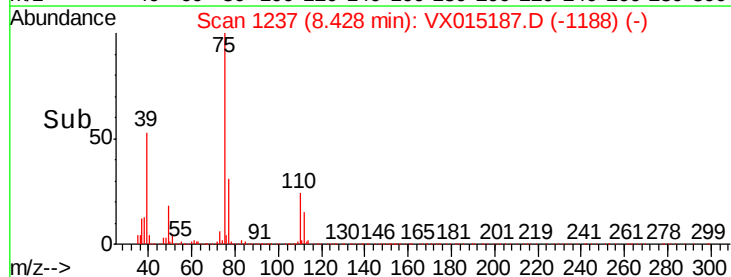
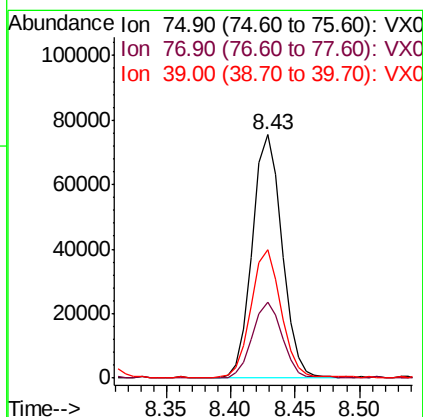
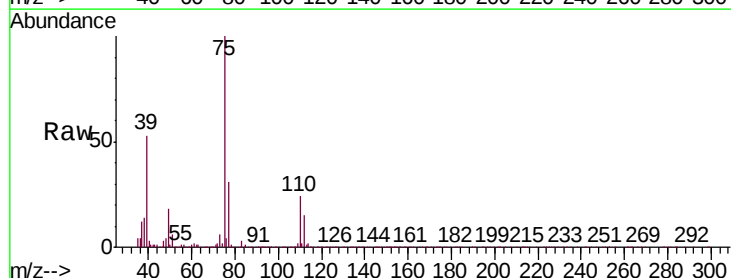
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

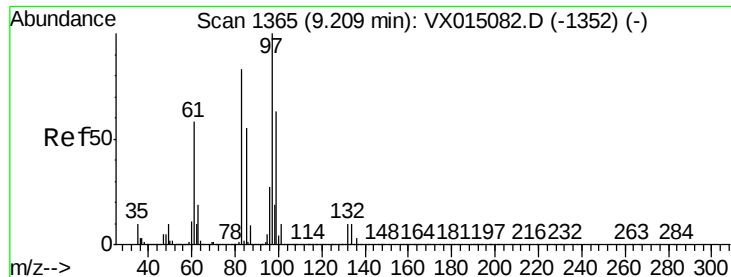
Tgt Ion: 75 Resp: 104456
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.790 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion: 75 Resp: 120667
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6
 39 52.4 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 20.834 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 97 Resp: 75831

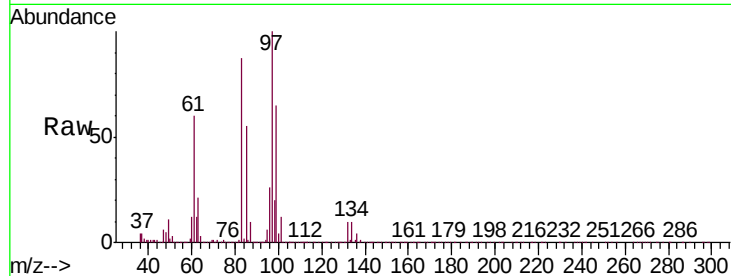
Ion Ratio Lower Upper

97 100

83 86.8 66.4 99.6

85 55.1 43.5 65.3

99 64.8 50.7 76.1

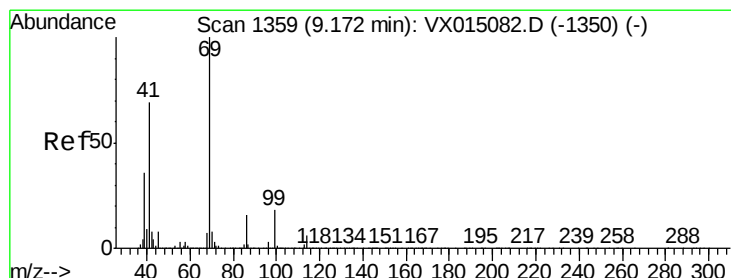
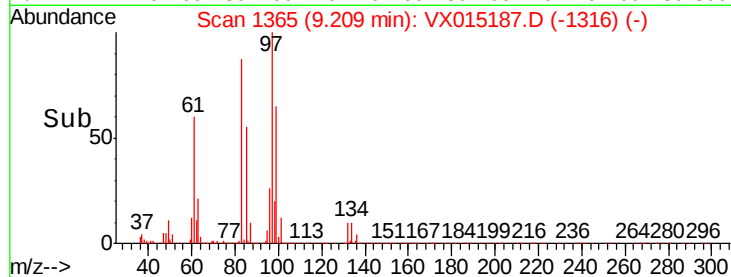
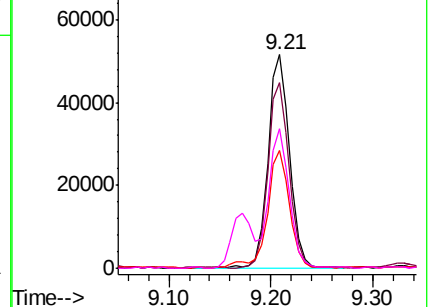


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.540 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

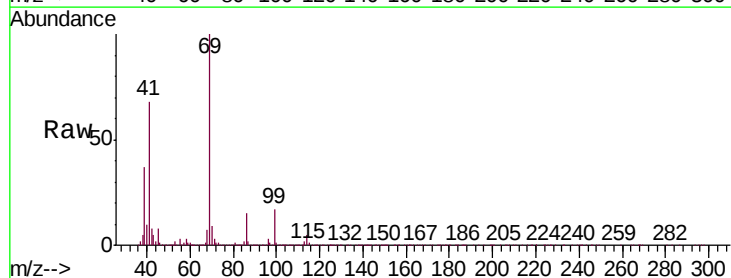
Tgt Ion: 69 Resp: 106633

Ion Ratio Lower Upper

69 100

41 69.0 55.8 83.8

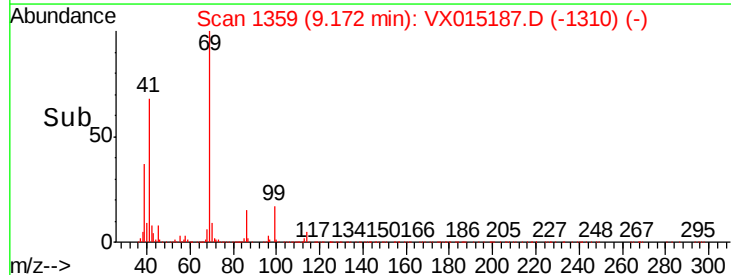
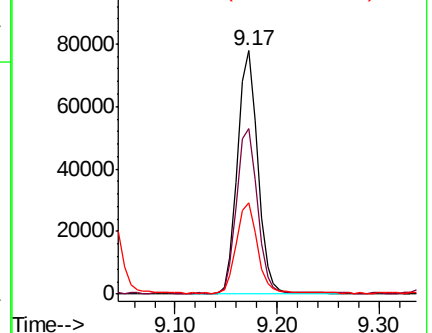
39 37.9 29.4 44.2

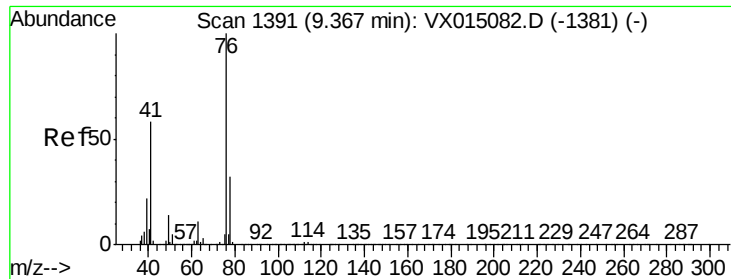


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.996 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

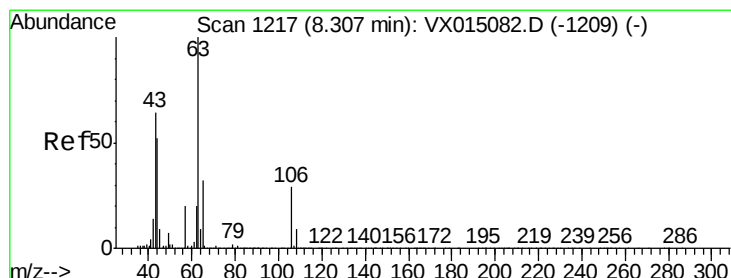
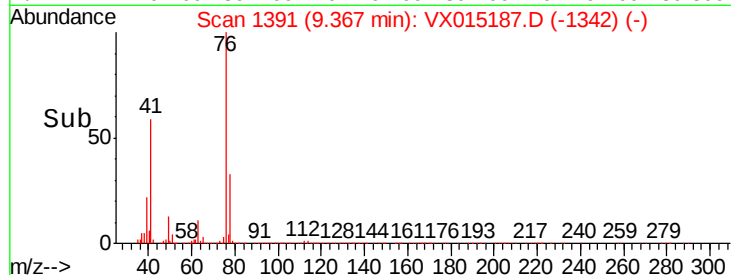
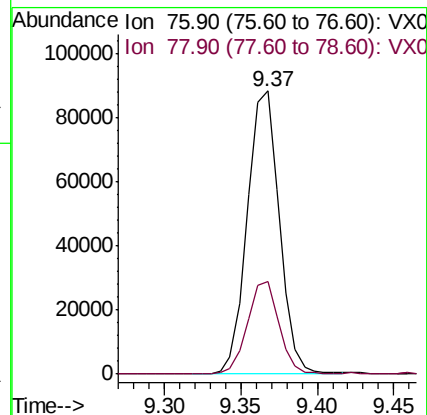
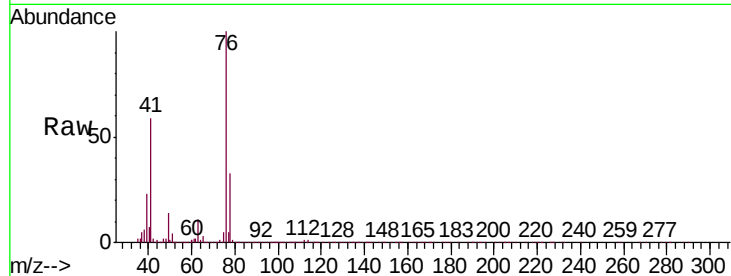
VX0311WBS01

Tgt Ion: 76 Resp: 128566

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.256 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015187.D

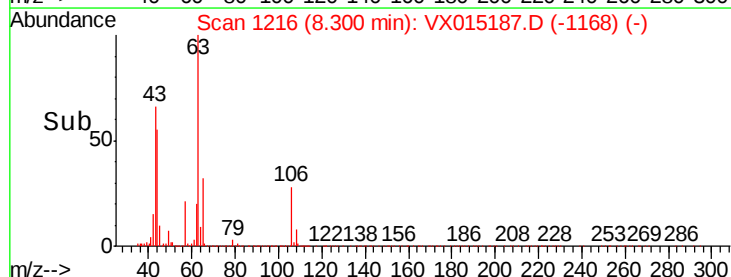
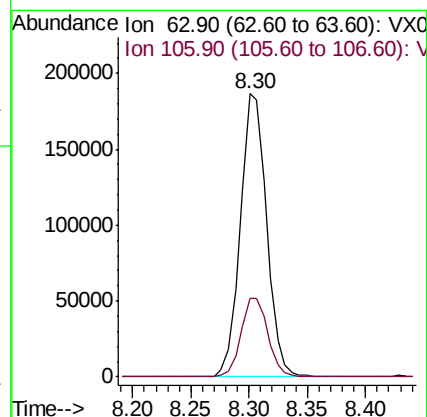
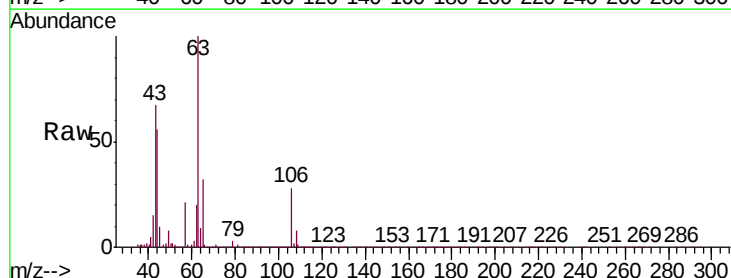
Acq: 11 Mar 2020 09:57

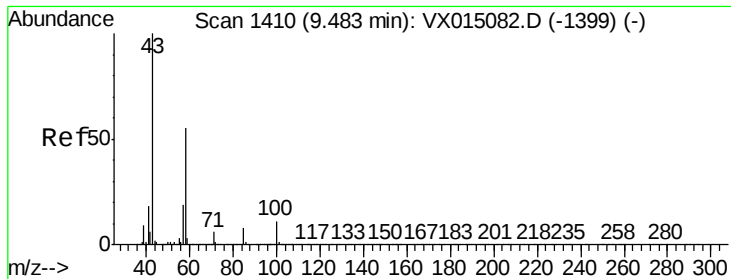
Tgt Ion: 63 Resp: 294863

Ion Ratio Lower Upper

63 100

106 28.7 22.8 34.2

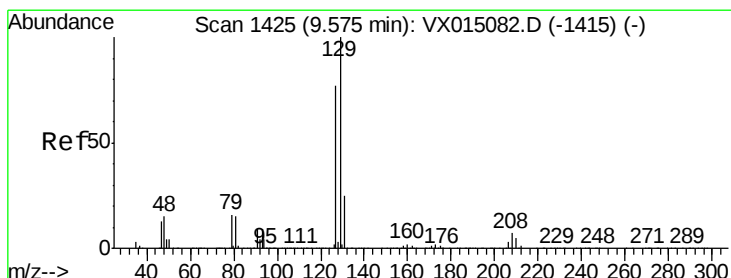
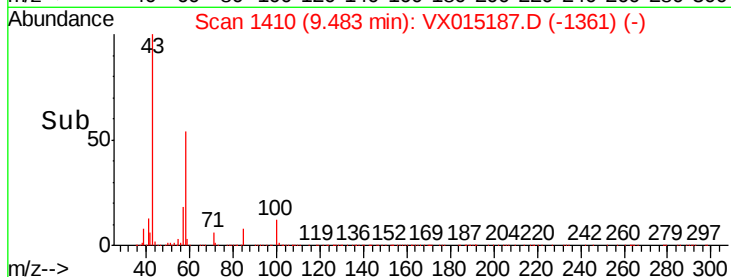
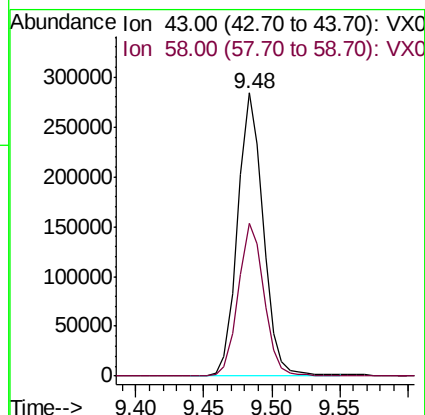
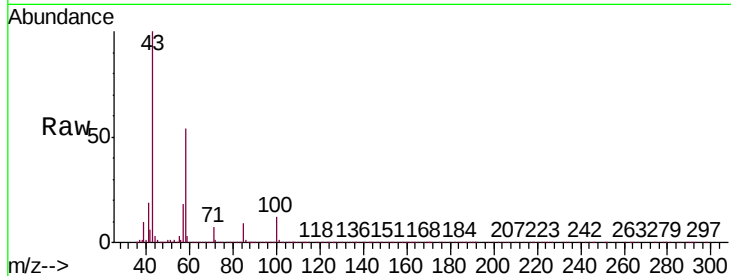




#59
2-Hexanone
Concen: 106.759 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

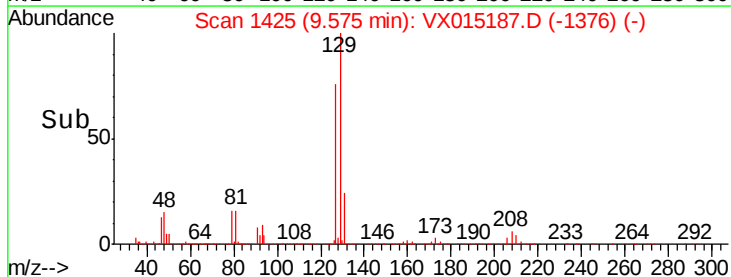
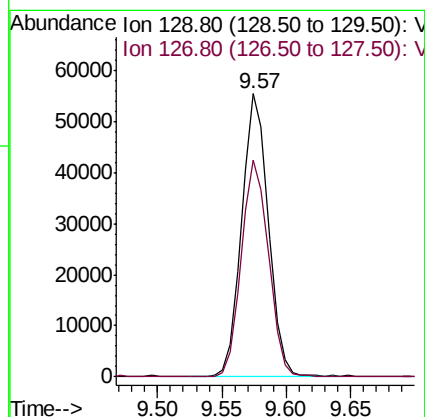
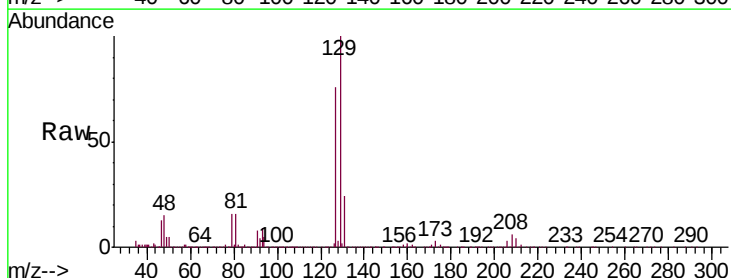
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

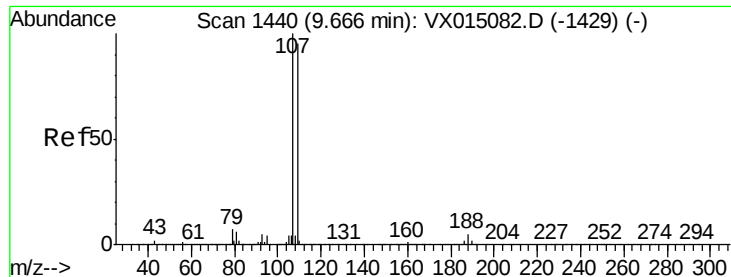
Tgt Ion: 43 Resp: 372165
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.8



#60
Dibromochloromethane
Concen: 20.761 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 129 Resp: 79376
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.298 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

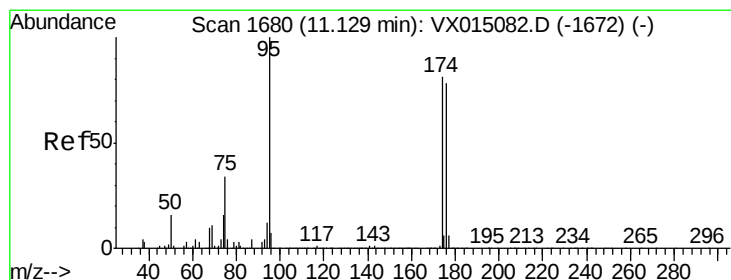
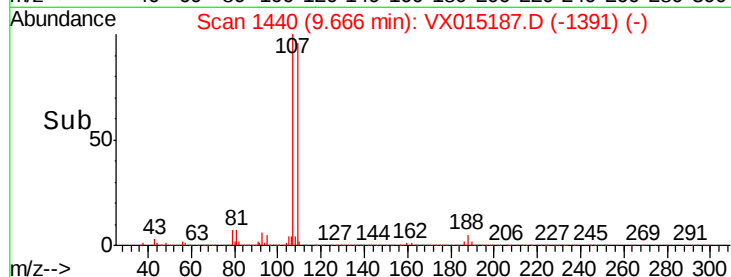
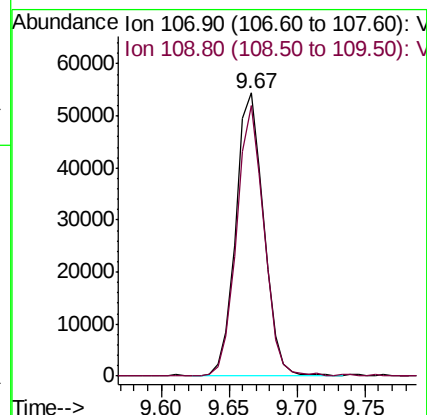
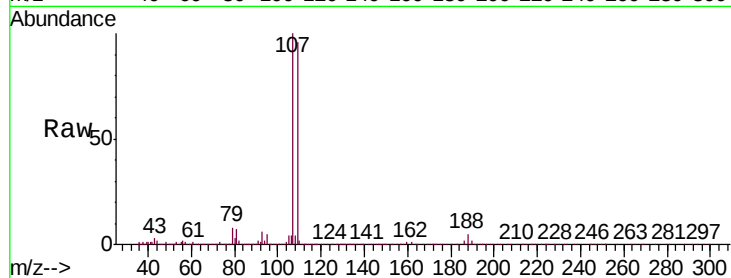
VX0311WBS01

Tgt Ion: 107 Resp: 77598

Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.922 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

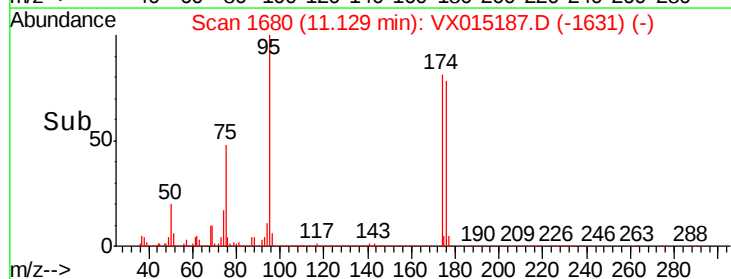
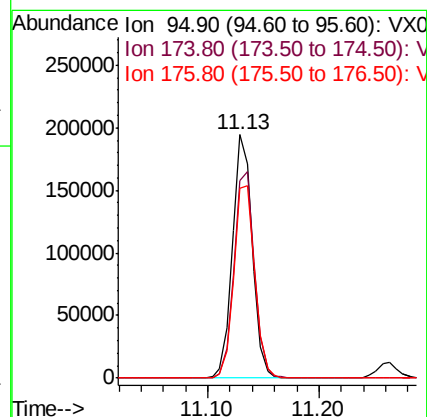
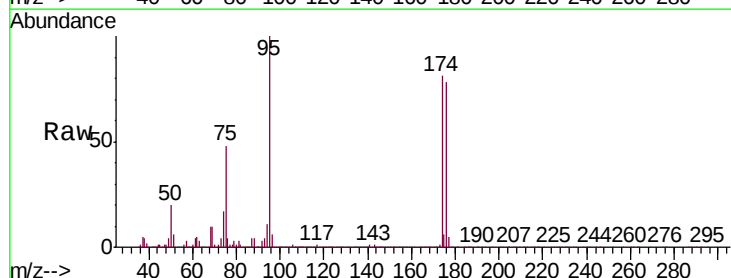
Tgt Ion: 95 Resp: 238866

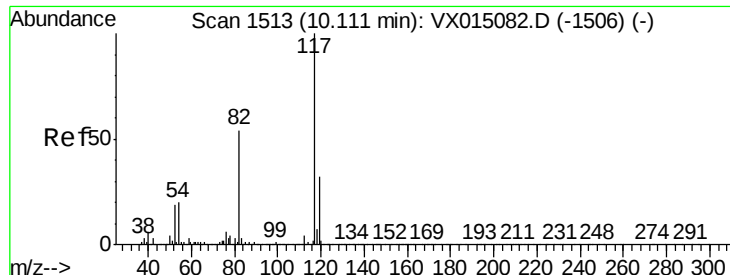
Ion Ratio Lower Upper

95 100

174 87.8 0.0 177.6

176 83.8 0.0 170.2

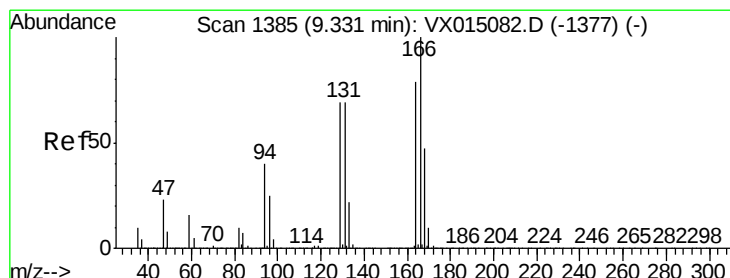
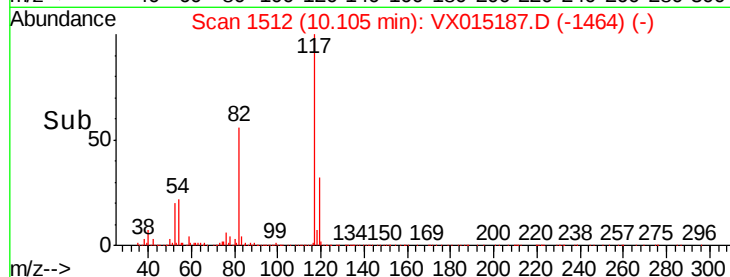
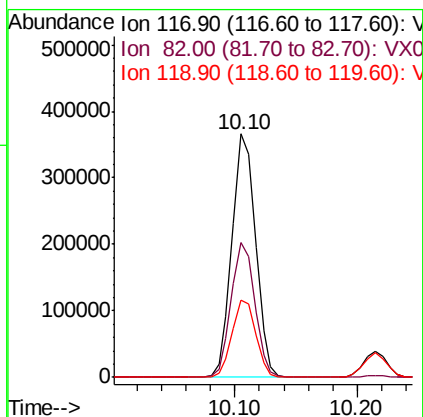
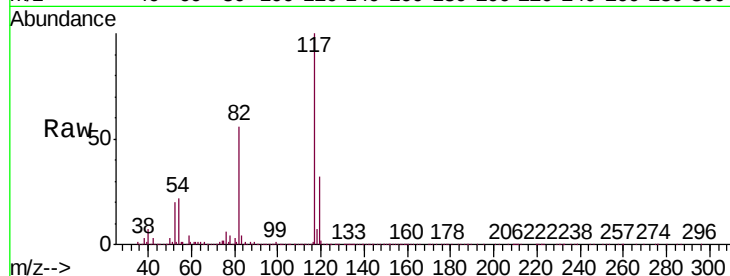




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

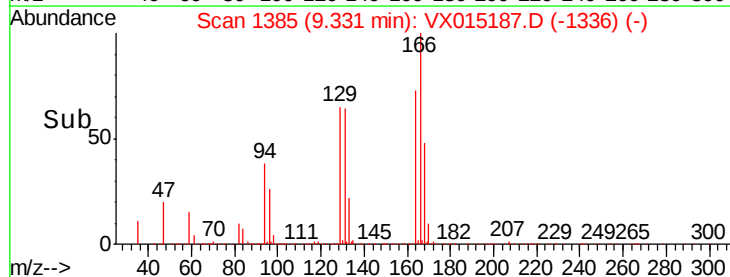
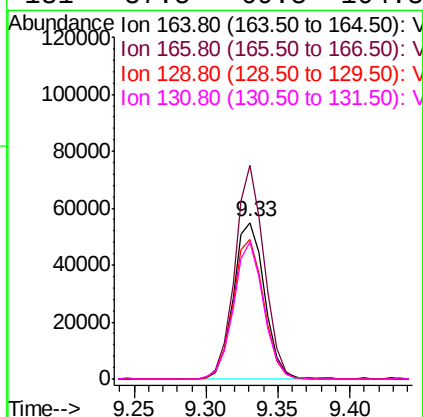
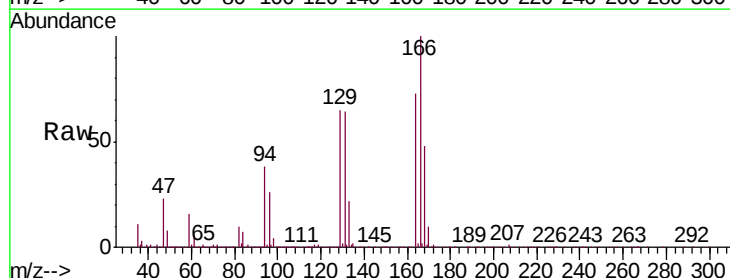
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:117 Resp: 487527
Ion Ratio Lower Upper
117 100
82 55.6 43.3 64.9
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 20.324 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion:164 Resp: 81926
Ion Ratio Lower Upper
164 100
166 136.8 101.1 151.7
129 89.2 69.4 104.0
131 87.5 69.8 104.8





#65

Chlorobenzene

Concen: 20.272 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

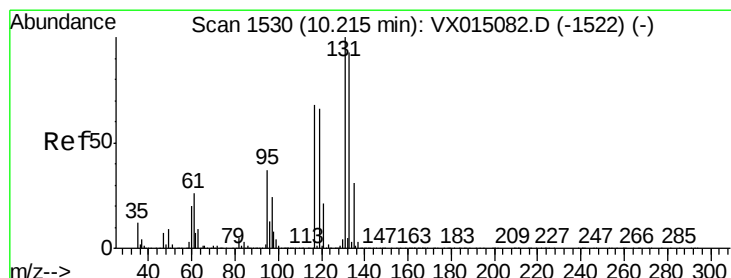
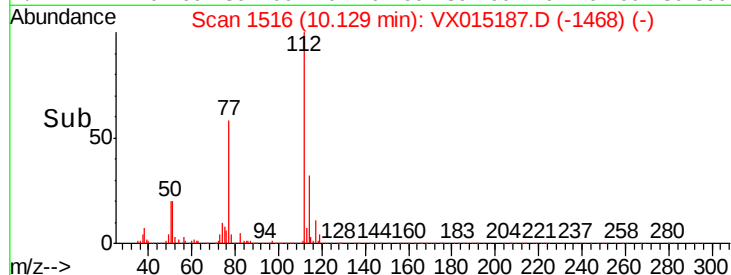
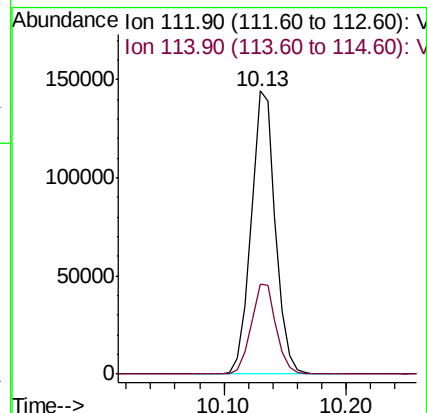
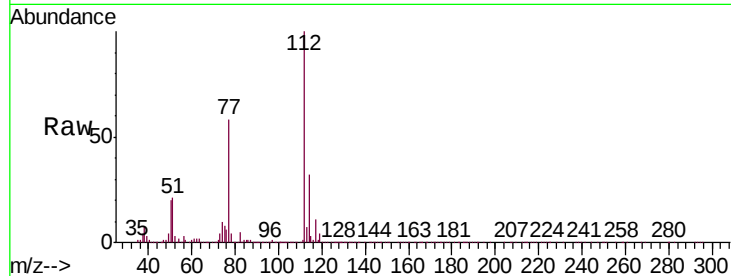
VX0311WBS01

Tgt Ion:112 Resp: 198422

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.421 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

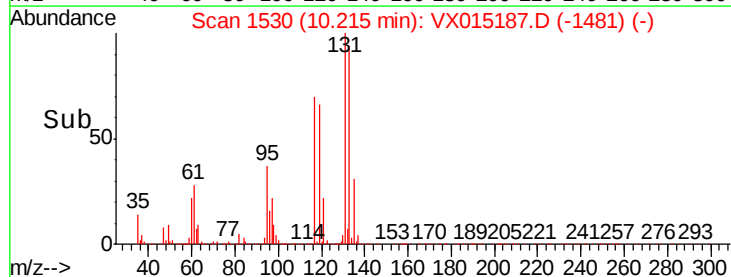
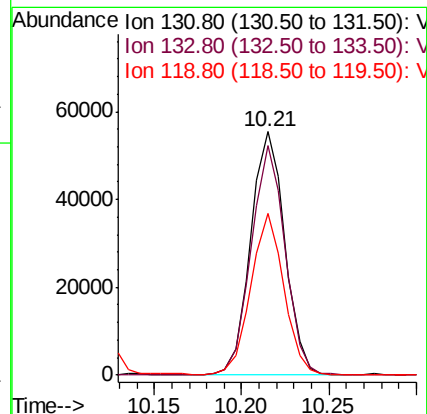
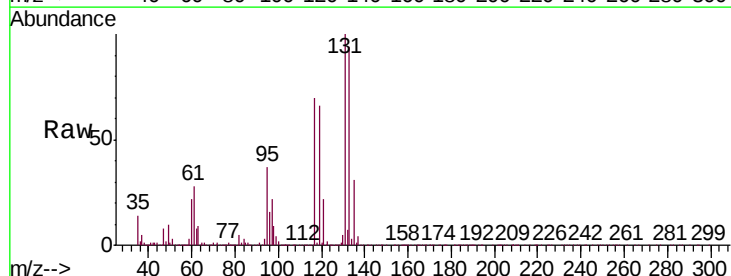
Tgt Ion:131 Resp: 75370

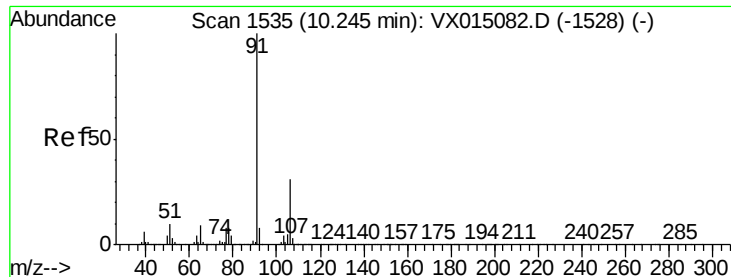
Ion Ratio Lower Upper

131 100

133 93.9 47.5 142.5

119 64.2 33.4 100.1





#67

Ethyl Benzene

Concen: 20.640 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

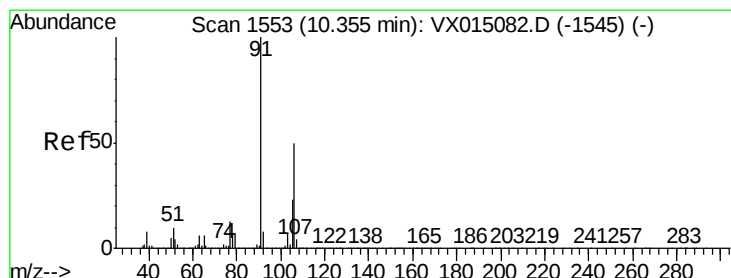
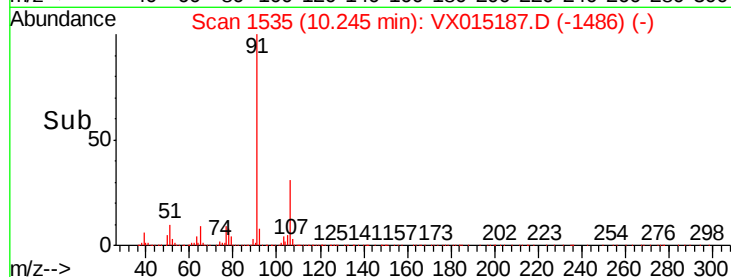
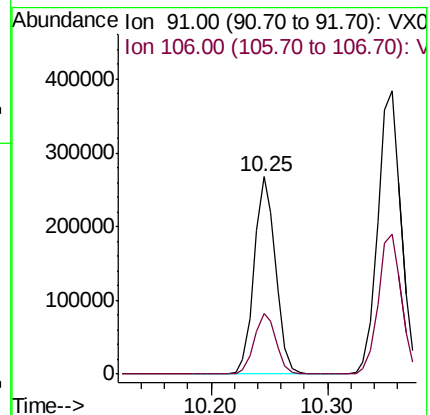
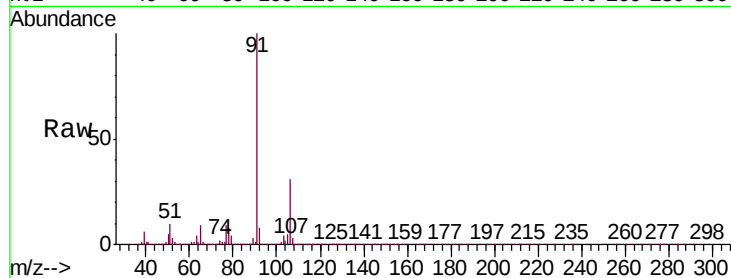
VX0311WBS01

Tgt Ion: 91 Resp: 343052

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 41.340 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015187.D

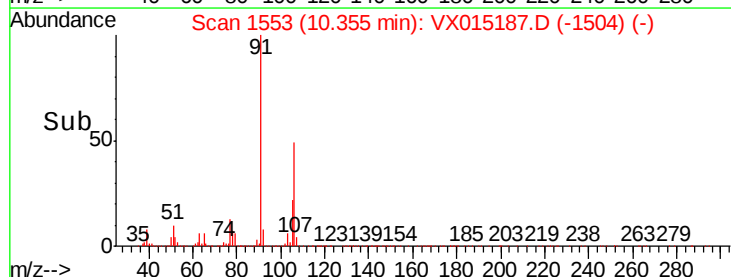
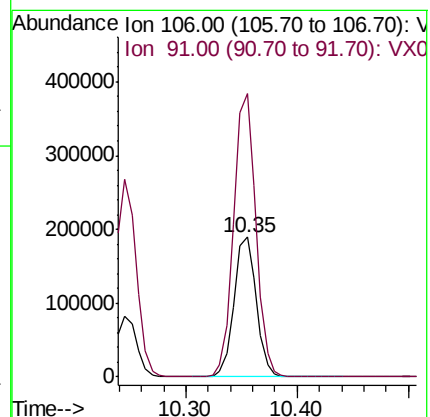
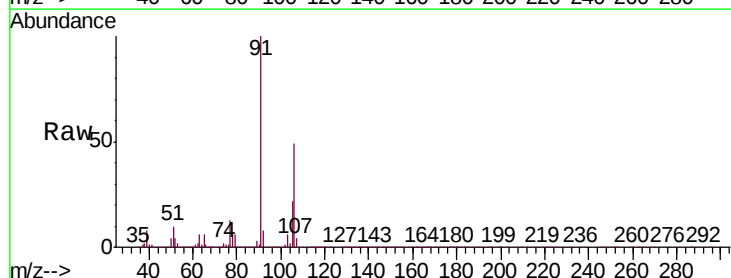
Acq: 11 Mar 2020 09:57

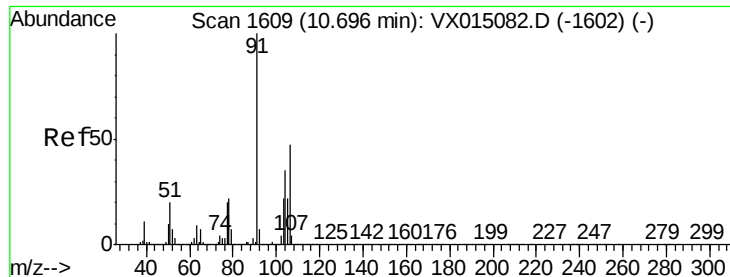
Tgt Ion: 106 Resp: 261417

Ion Ratio Lower Upper

106 100

91 202.5 159.4 239.2

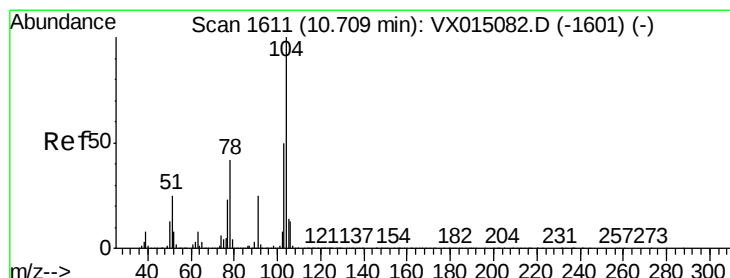
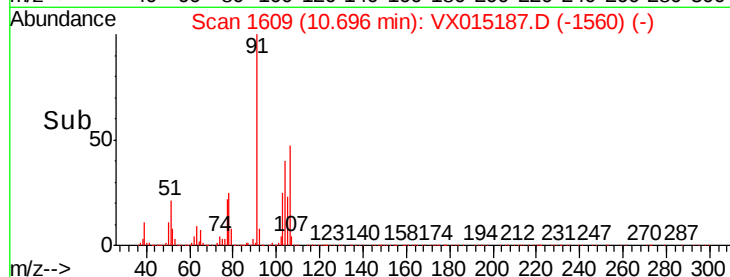
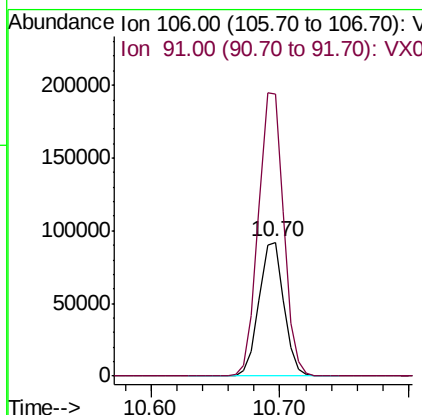
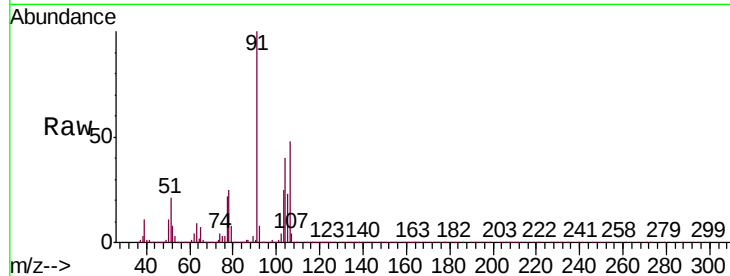




#69
o-Xylene
Concen: 20.255 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

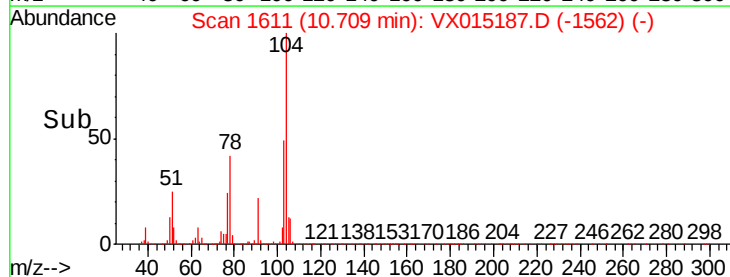
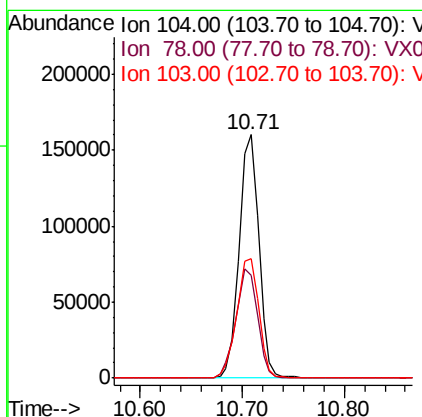
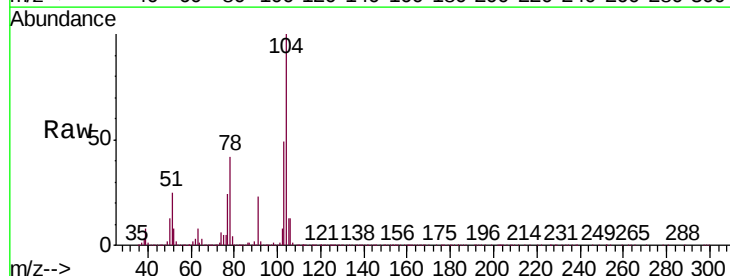
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

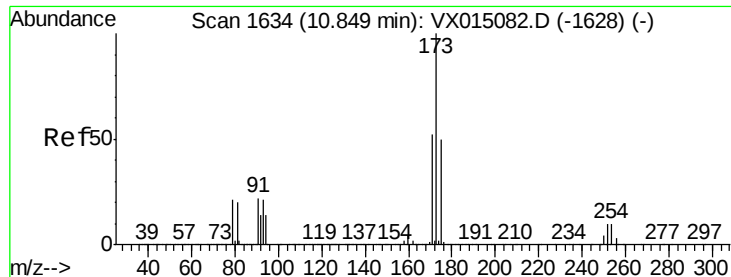
Tgt Ion:106 Resp: 122635
Ion Ratio Lower Upper
106 100
91 213.7 105.4 316.1



#70
Styrene
Concen: 20.526 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion:104 Resp: 213082
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 55.2 43.7 65.5

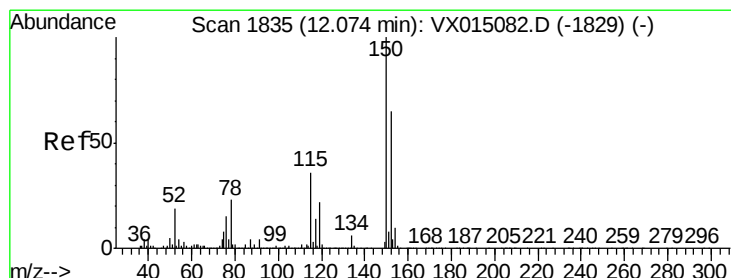
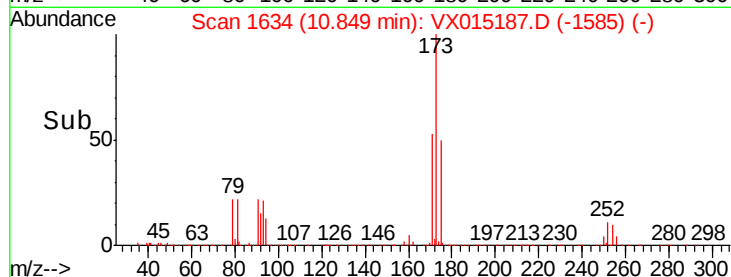
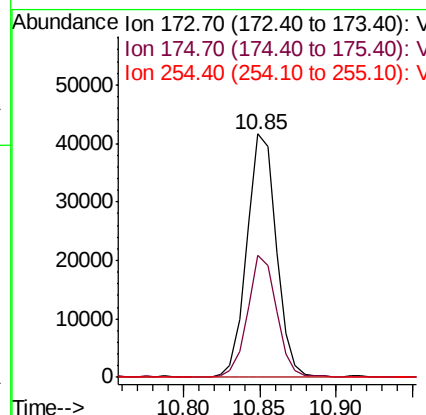
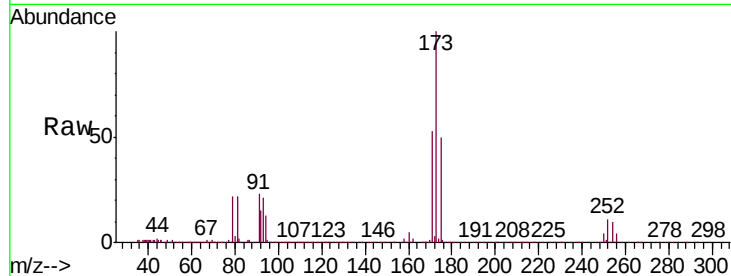




#71
Bromoform
Concen: 19.401 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

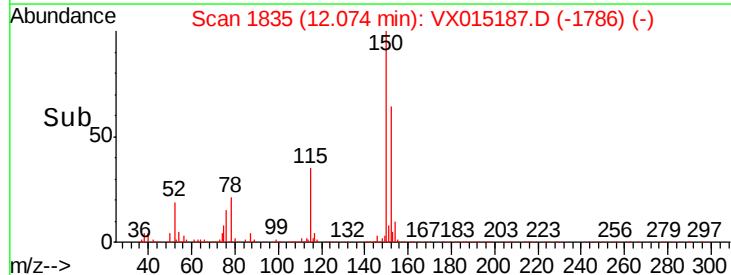
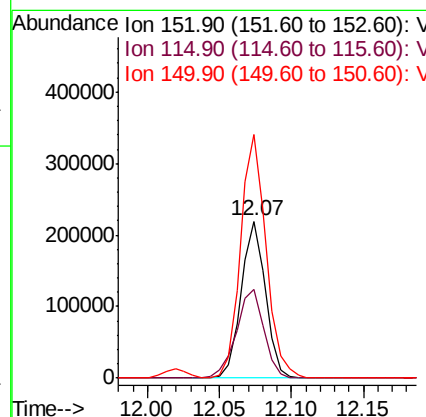
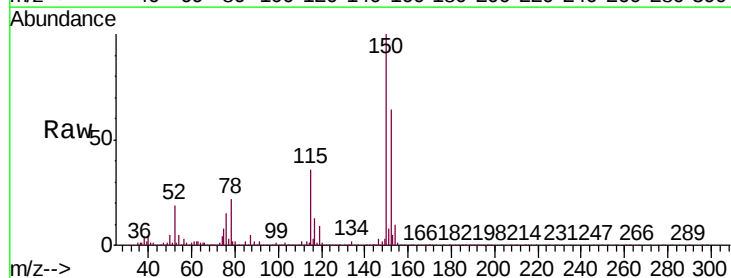
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

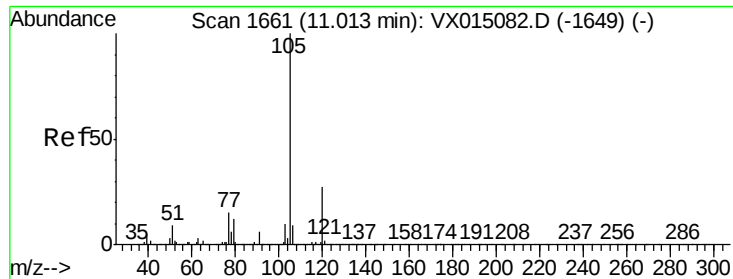
Tgt Ion:173 Resp: 55527
Ion Ratio Lower Upper
173 100
175 50.0 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion:152 Resp: 257524
Ion Ratio Lower Upper
152 100
115 64.3 38.2 114.6
150 162.9 0.0 343.8





#73

Isopropylbenzene

Concen: 20.519 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

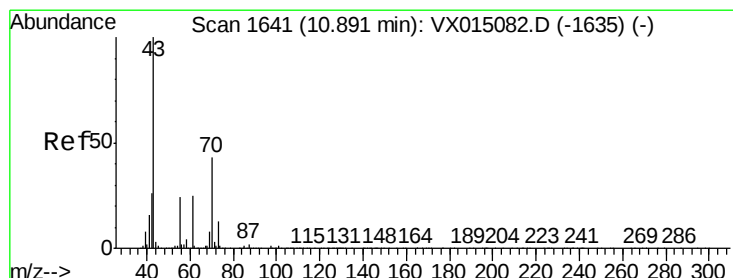
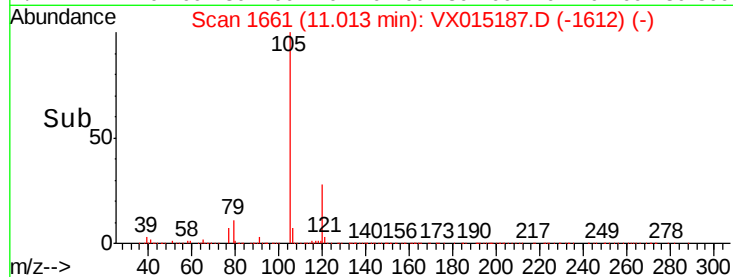
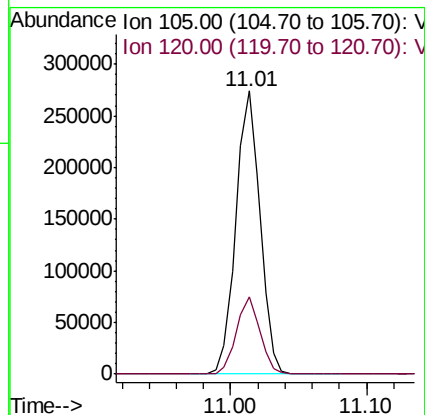
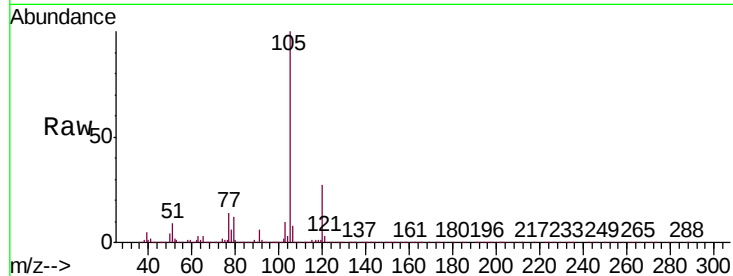
VX0311WBS01

Tgt Ion:105 Resp: 337547

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 19.143 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion: 43 Resp: 132718

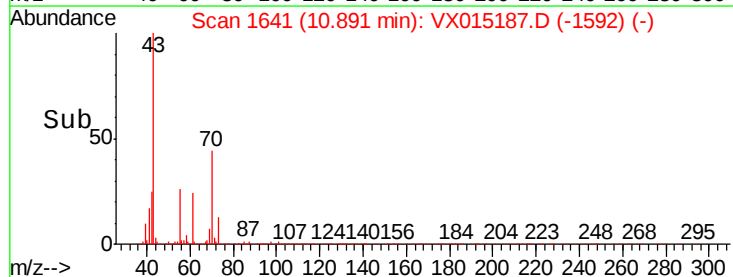
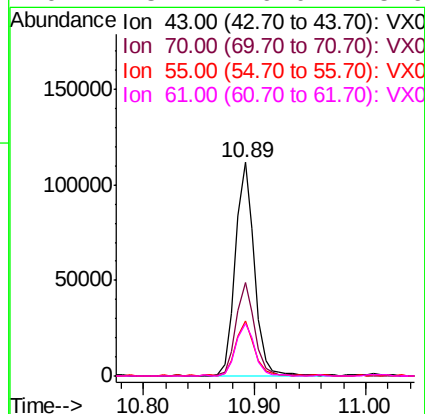
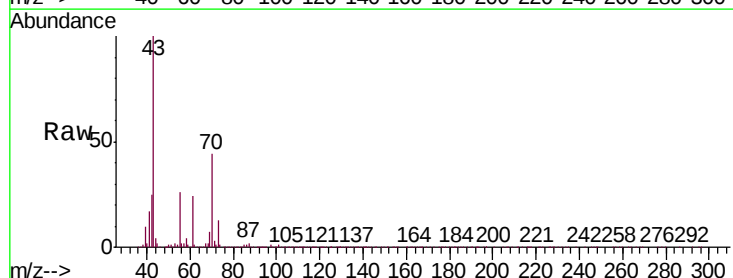
Ion Ratio Lower Upper

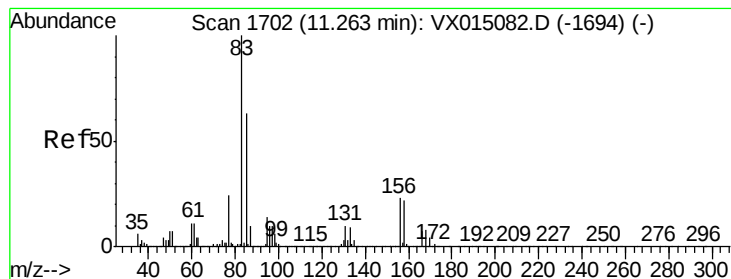
43 100

70 43.4 34.7 52.1

55 24.8 19.4 29.0

61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.361 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

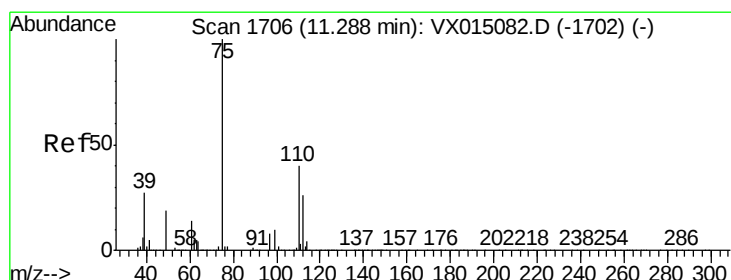
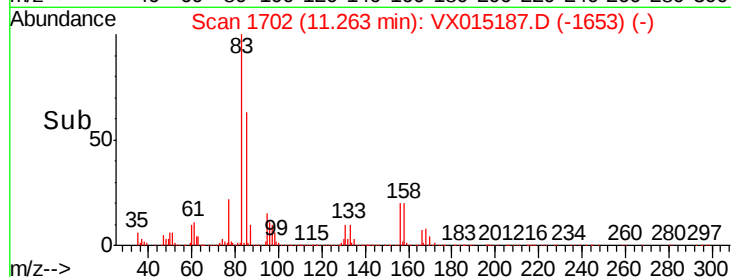
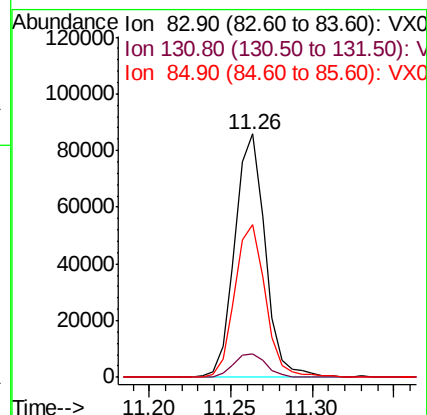
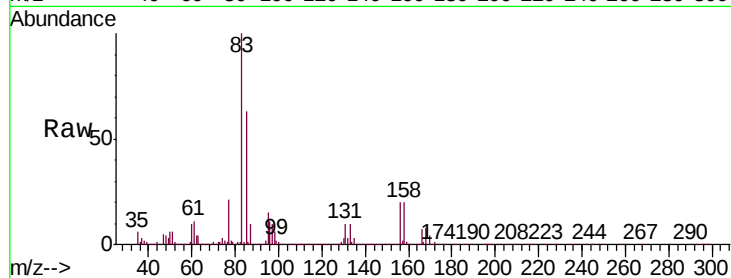
Tgt Ion: 83 Resp: 111630

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 23.393 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015187.D

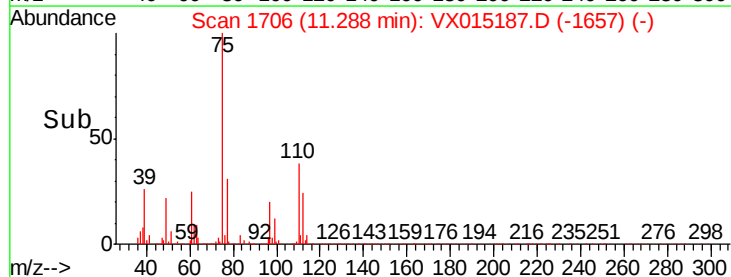
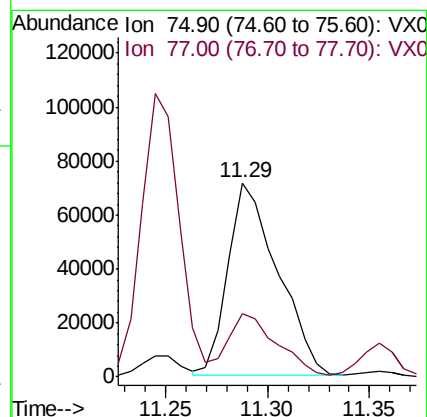
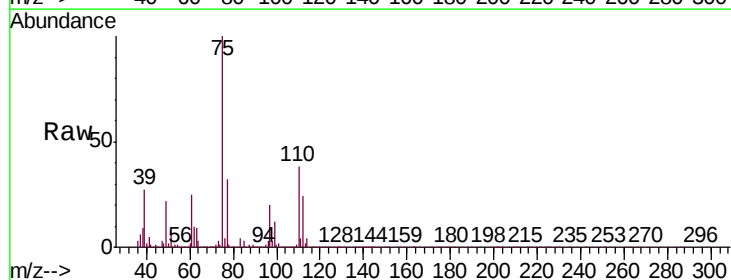
Acq: 11 Mar 2020 09:57

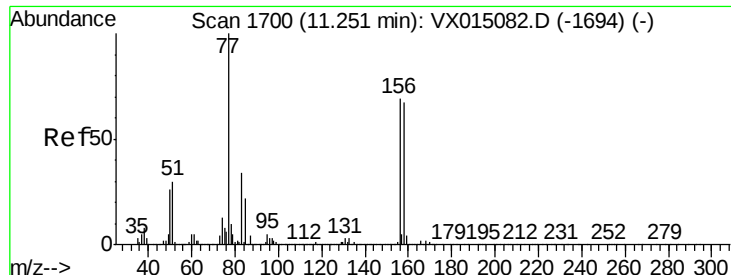
Tgt Ion: 75 Resp: 120165

Ion Ratio Lower Upper

75 100

77 32.8 22.6 67.8





#77

Bromobenzene

Concen: 19.357 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

VX0311WBS01

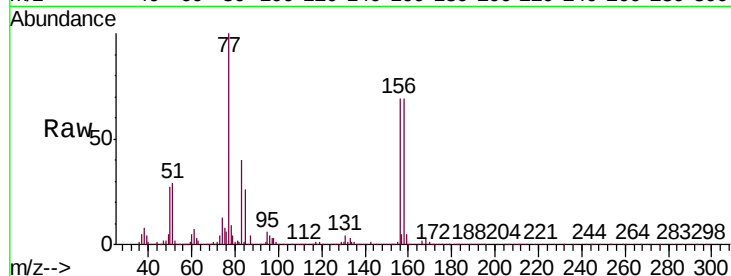
Tgt Ion:156 Resp: 88744

Ion Ratio Lower Upper

156 100

77 152.7 75.3 225.9

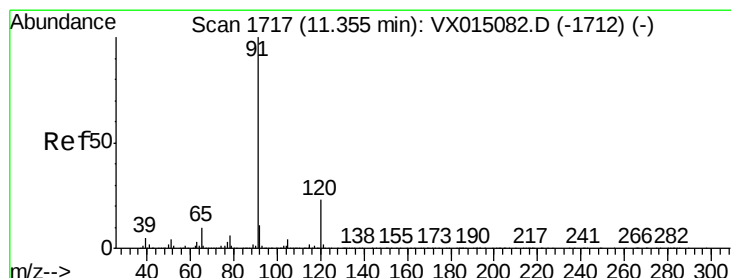
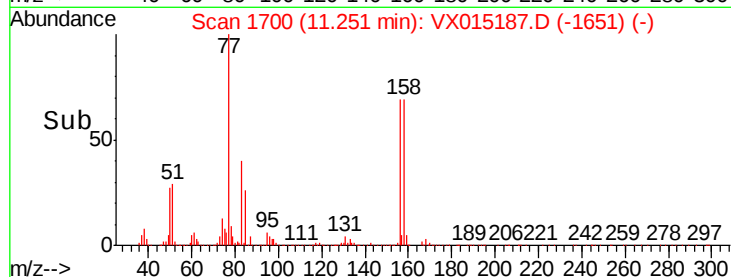
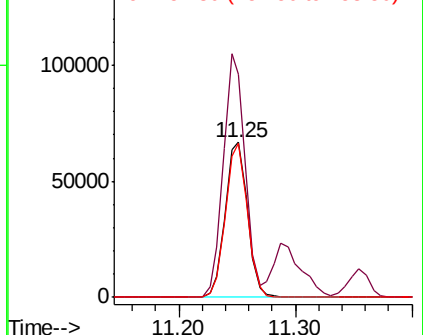
158 97.9 48.5 145.6



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: 20.862 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015187.D

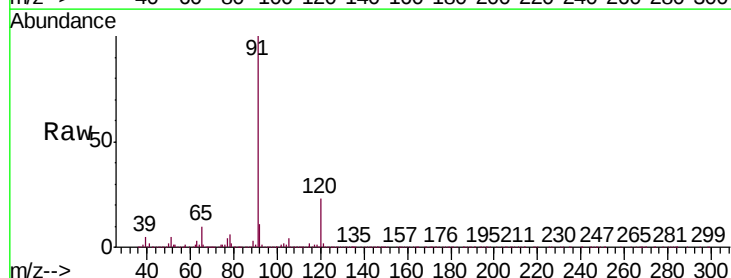
Acq: 11 Mar 2020 09:57

Tgt Ion: 91 Resp: 392088

Ion Ratio Lower Upper

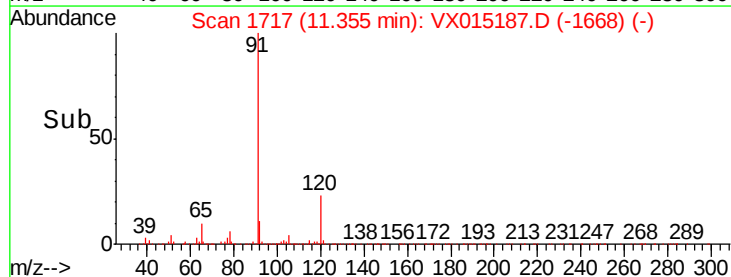
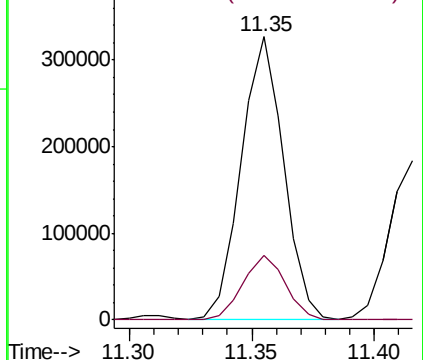
91 100

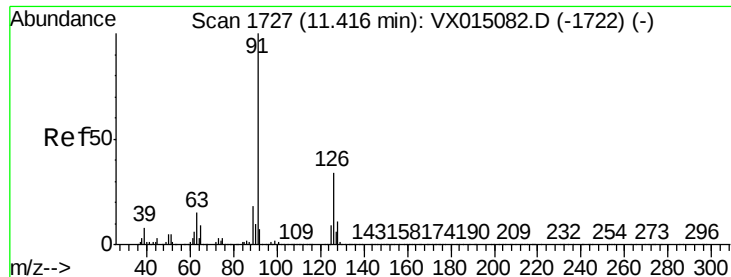
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

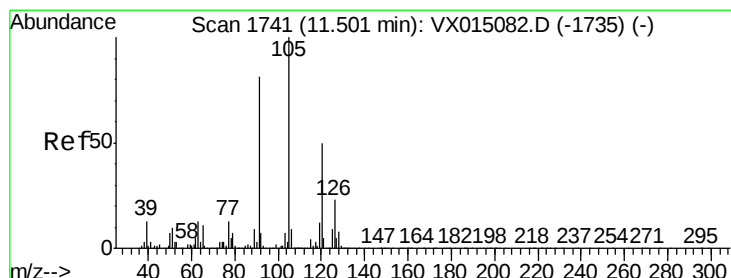
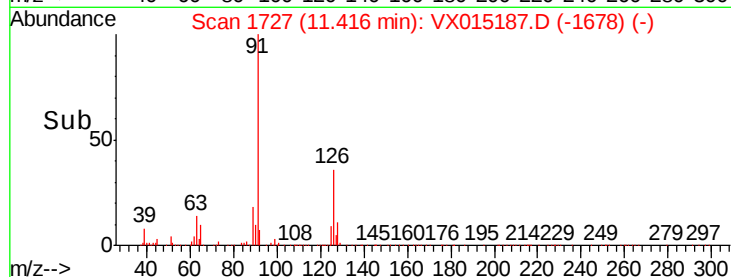
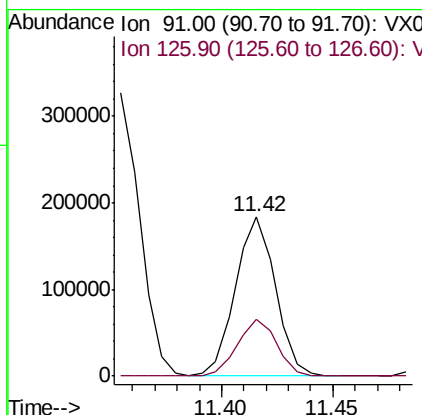
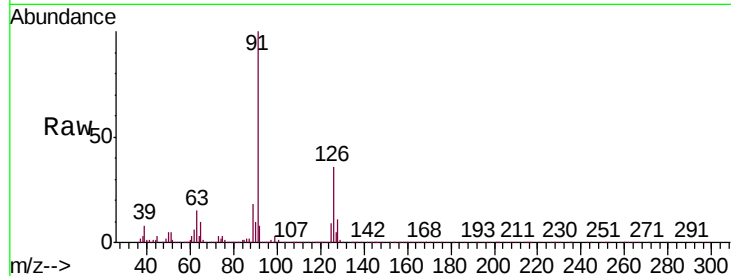




#79
2-Chlorotoluene
Concen: 20.421 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

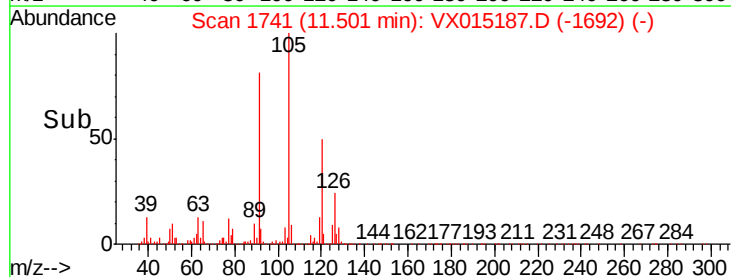
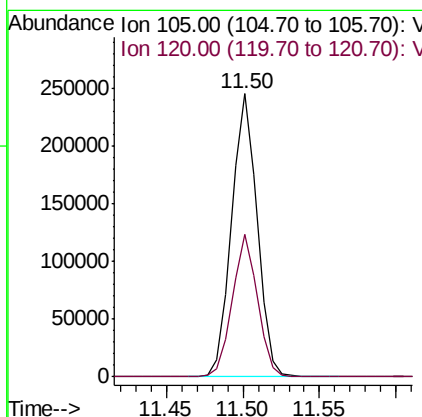
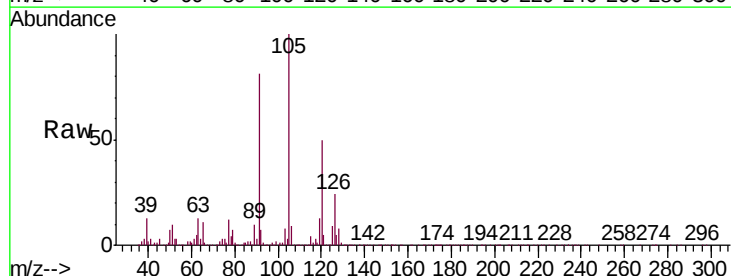
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

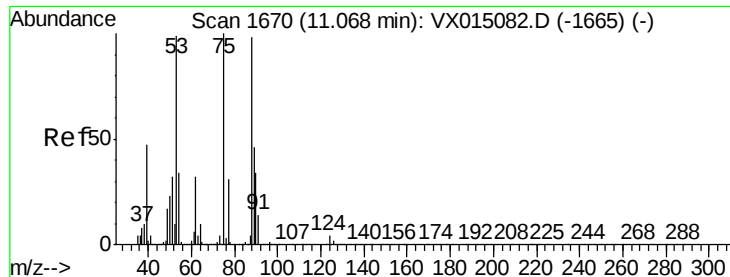
Tgt Ion: 91 Resp: 229210
Ion Ratio Lower Upper
91 100
126 35.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 20.714 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 105 Resp: 283676
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.226 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

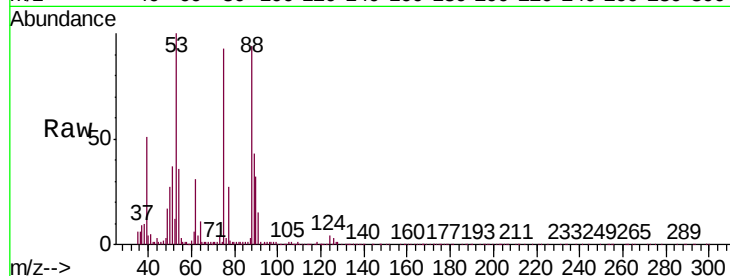
Tgt Ion: 75 Resp: 32990

Ion Ratio Lower Upper

75 100

53 106.7 77.9 116.9

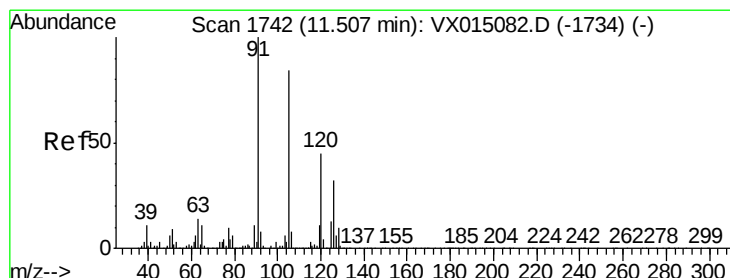
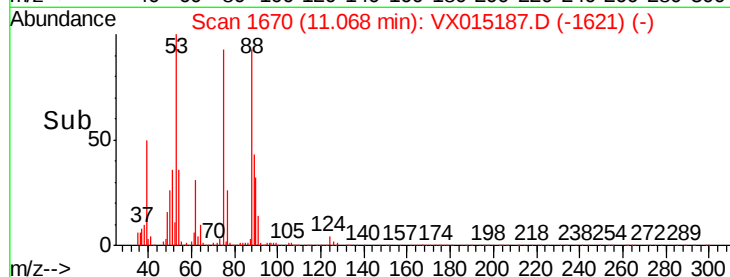
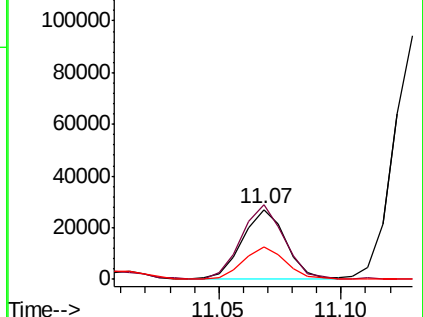
89 44.9 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.163 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015187.D

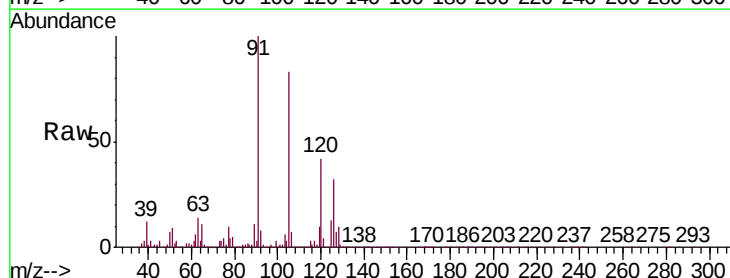
Acq: 11 Mar 2020 09:57

Tgt Ion: 91 Resp: 267363

Ion Ratio Lower Upper

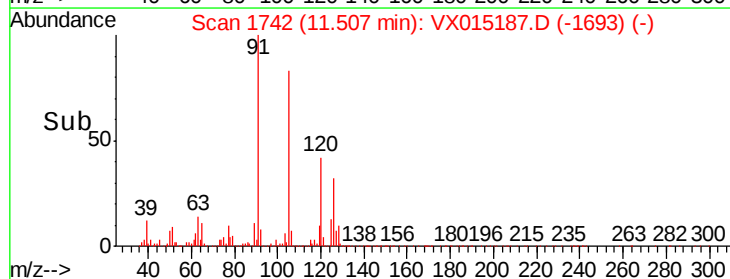
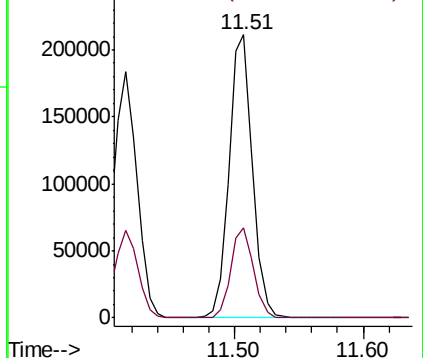
91 100

126 30.7 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.913 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

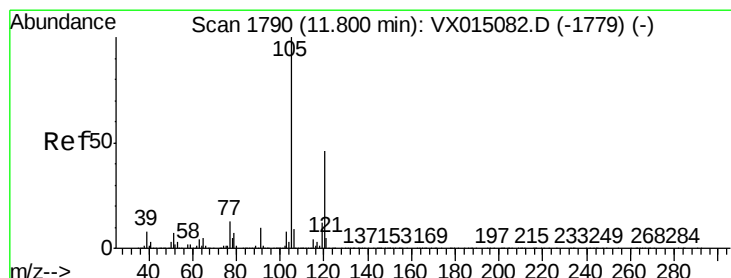
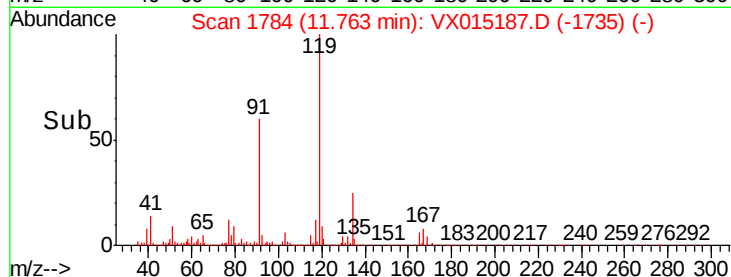
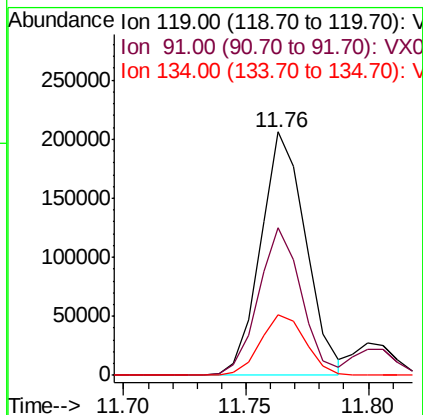
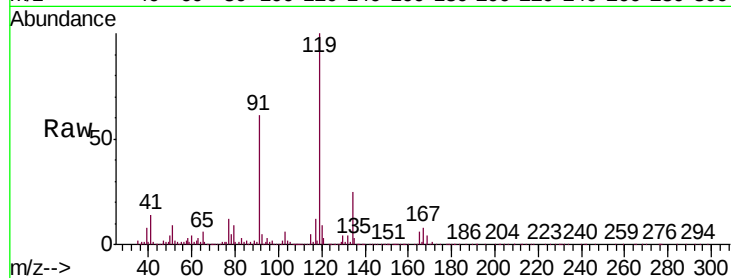
Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion:	119	Resp:	263685
Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.5	85.6
134	25.2	11.9	35.7



#84

1,2,4-Trimethylbenzene

Concen: 20.585 ug/l

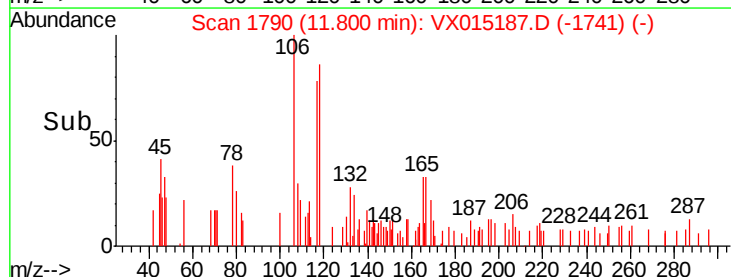
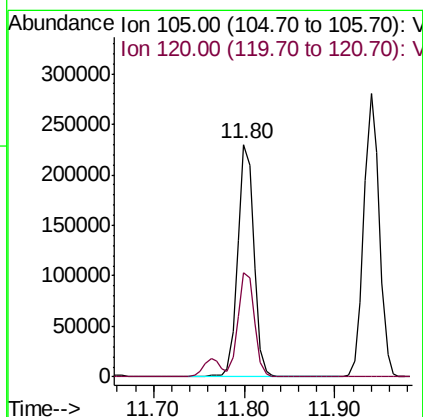
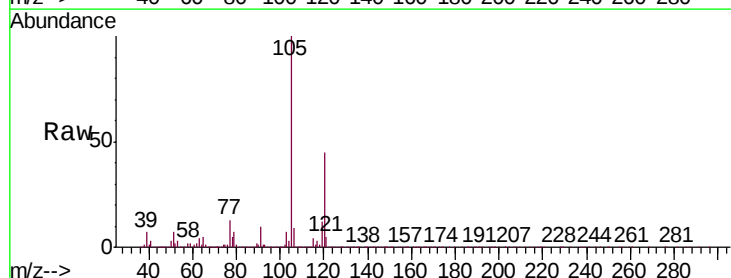
RT: 11.80 min Scan# 1790

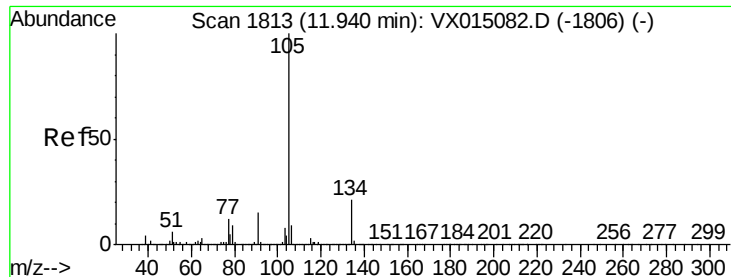
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	105	Resp:	283199
Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.776 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

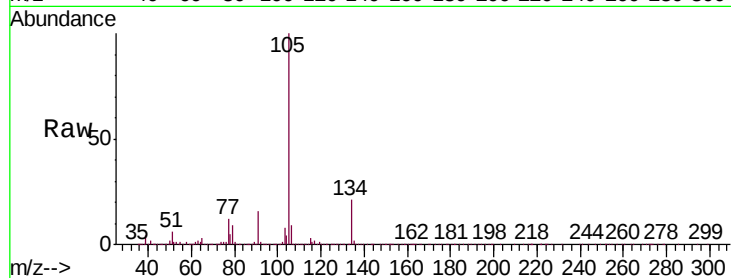
VX0311WBS01

Tgt Ion:105 Resp: 332100

Ion Ratio Lower Upper

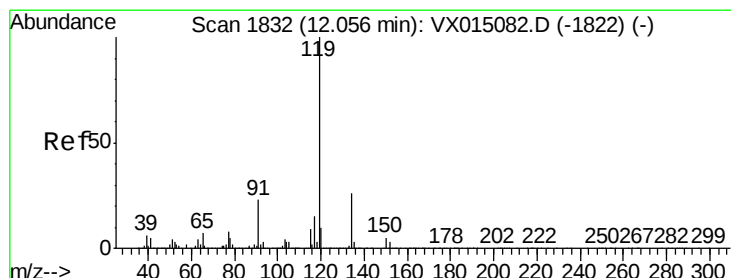
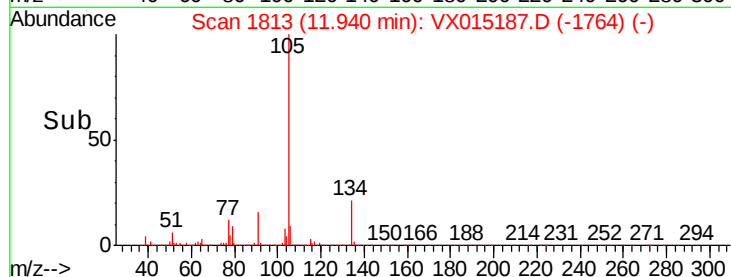
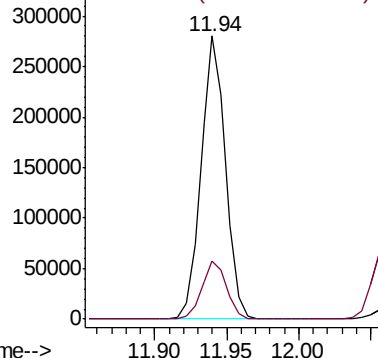
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.771 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

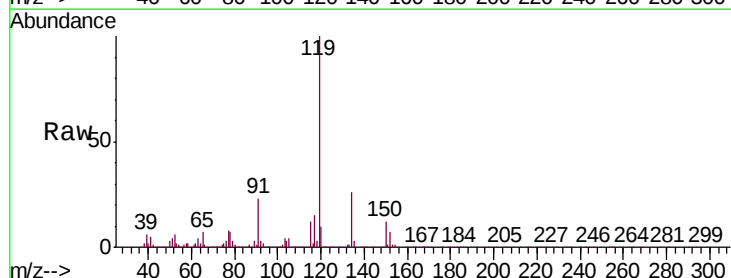
Tgt Ion:119 Resp: 305902

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

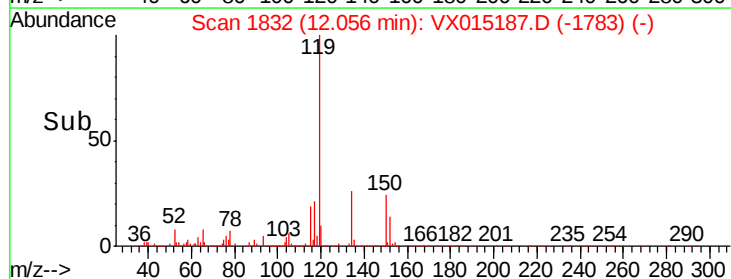
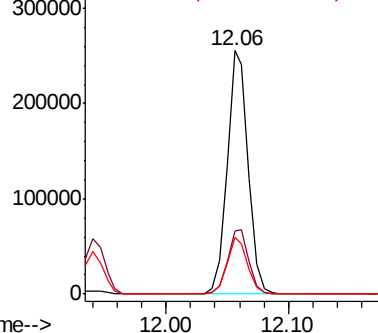
91 22.6 11.3 33.8

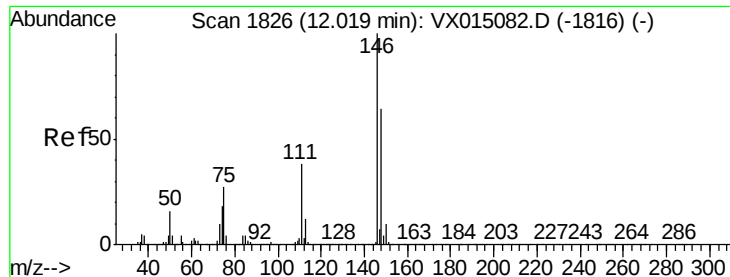


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.819 ug/l

RT: 12.02 min Scan# 1826

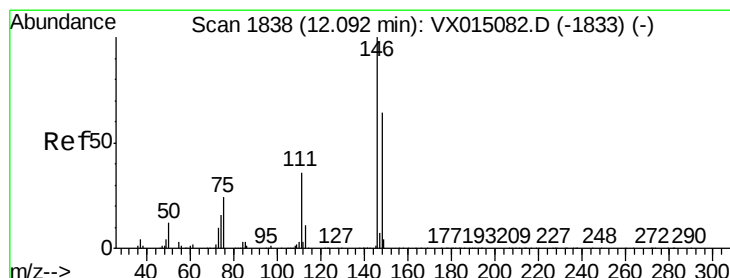
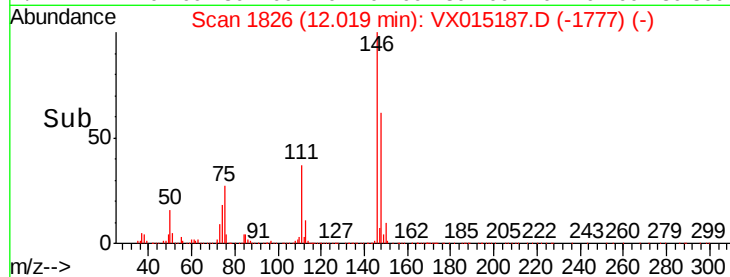
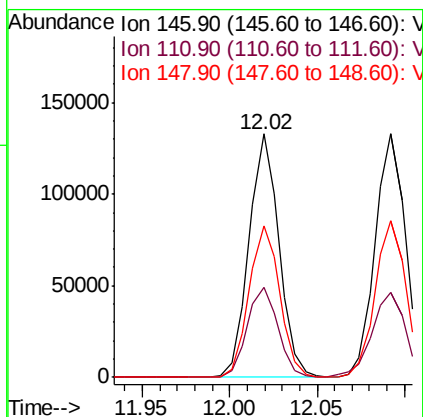
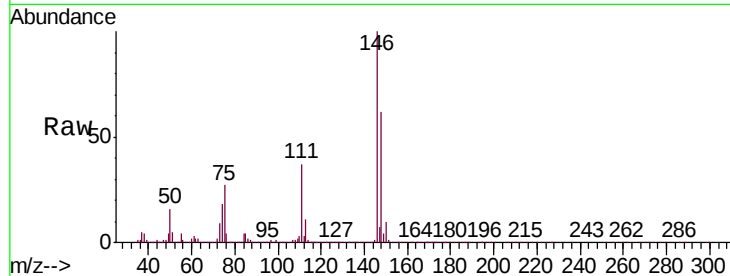
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.6	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 19.280 ug/l

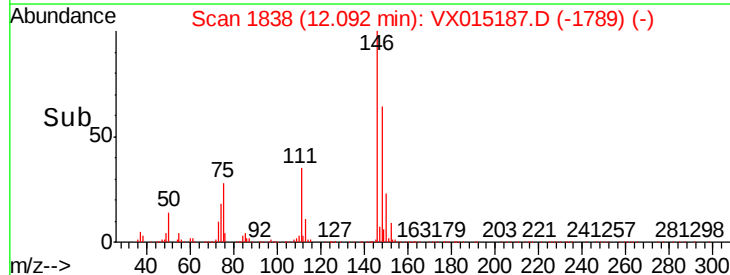
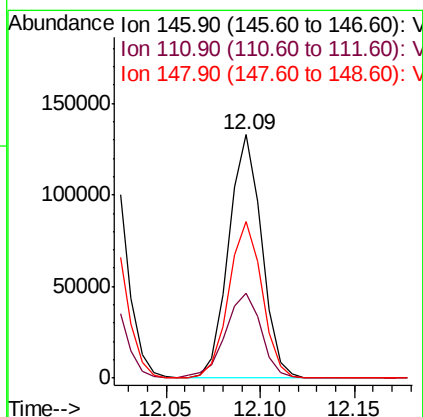
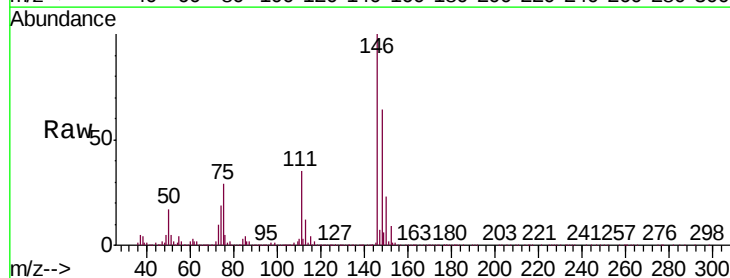
RT: 12.09 min Scan# 1838

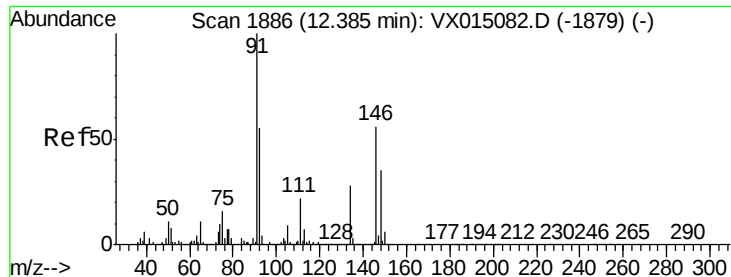
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	65.3	32.5	97.4





#89

n-Butylbenzene

Concen: 19.742 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

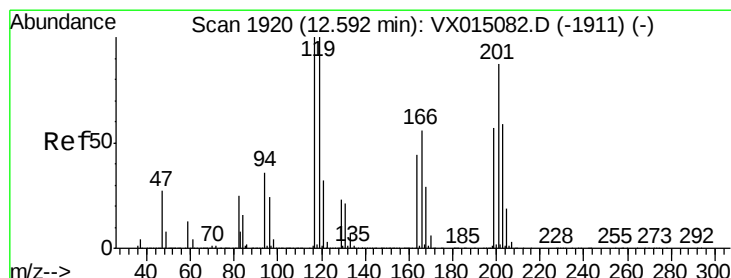
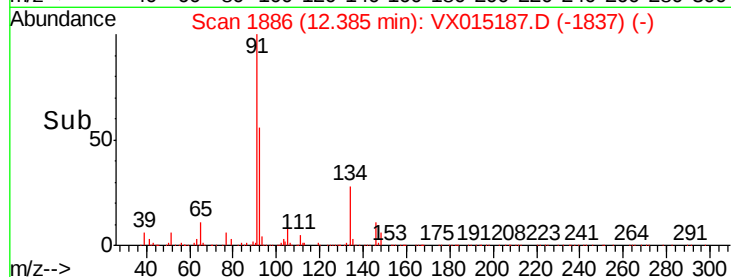
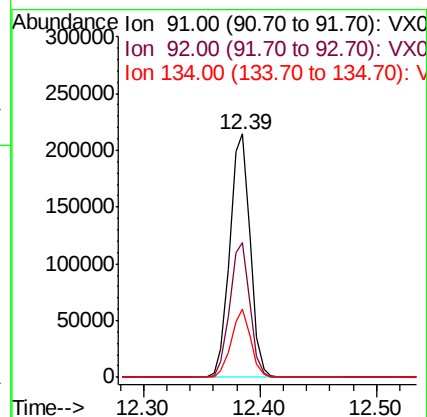
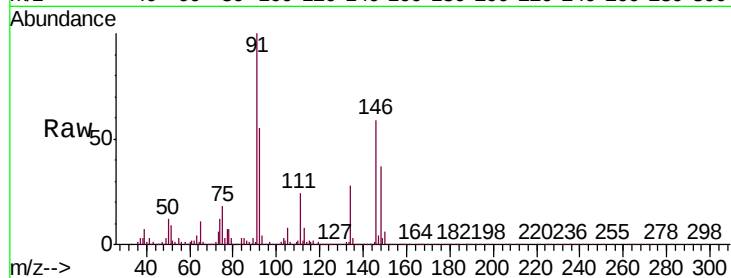
Tgt Ion: 91 Resp: 258594

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.6

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 18.558 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015187.D

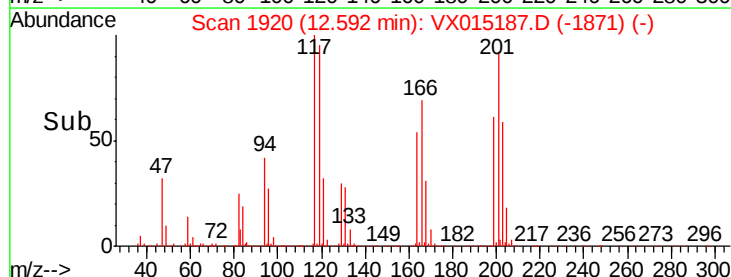
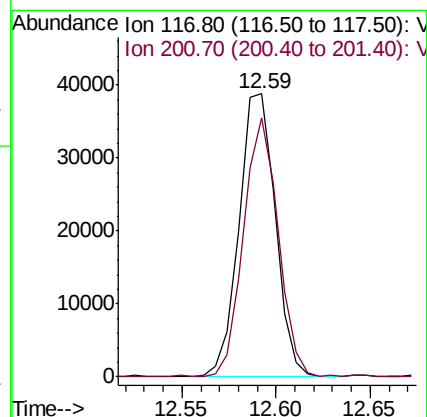
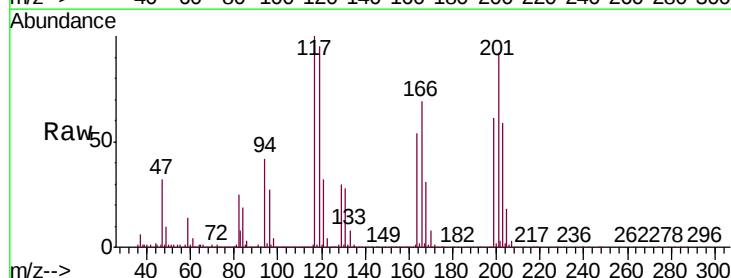
Acq: 11 Mar 2020 09:57

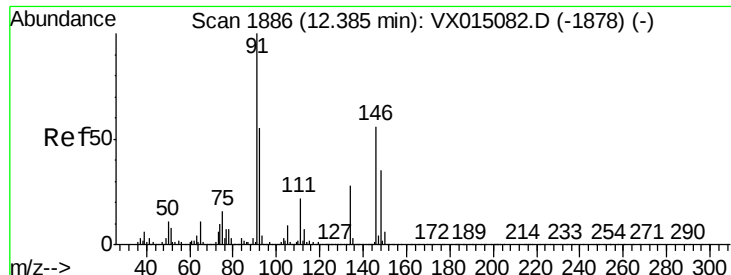
Tgt Ion: 117 Resp: 51671

Ion Ratio Lower Upper

117 100

201 87.0 43.5 130.7

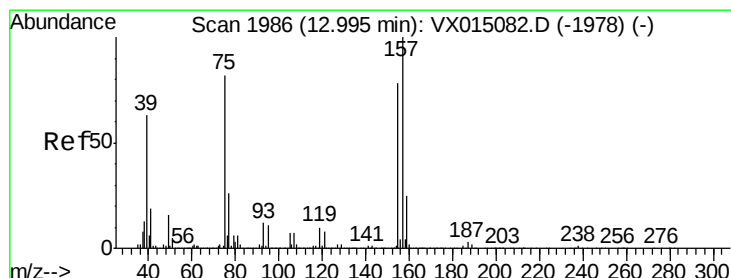
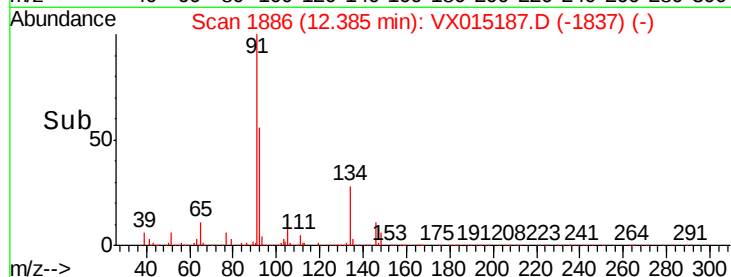
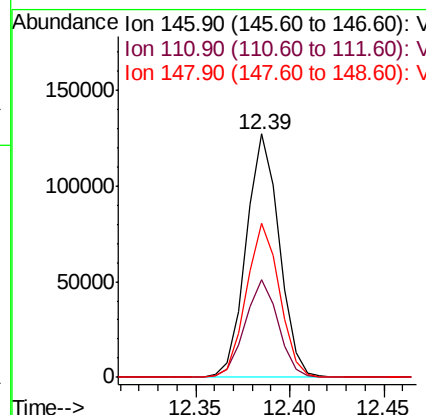
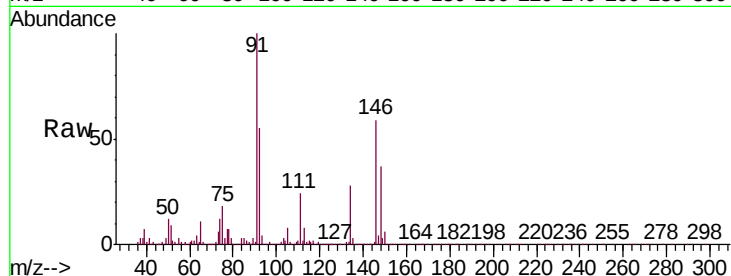




#91
 1,2-Dichlorobenzene
 Concen: 19.237 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

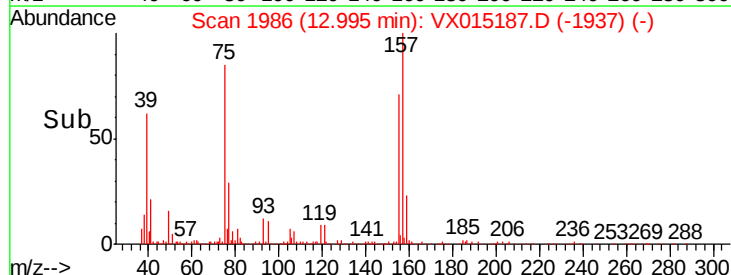
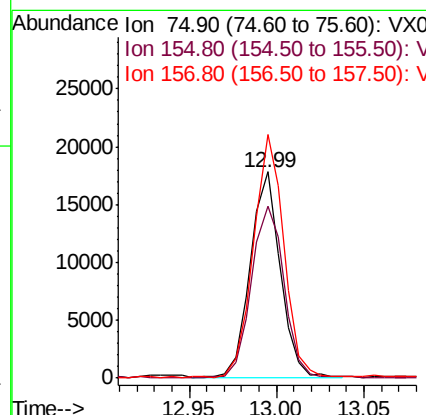
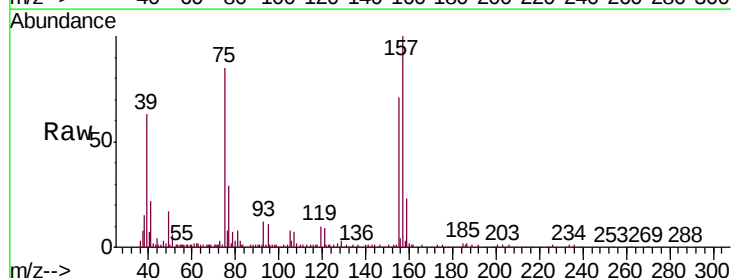
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

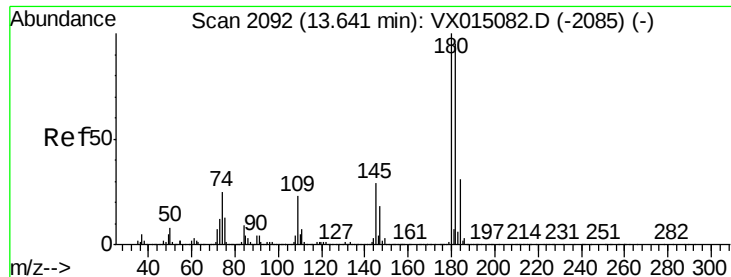
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.7
148	64.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.315 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	46.6	139.7
157	120.9	59.2	177.5

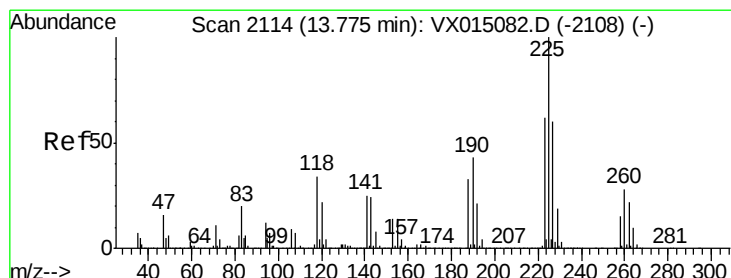
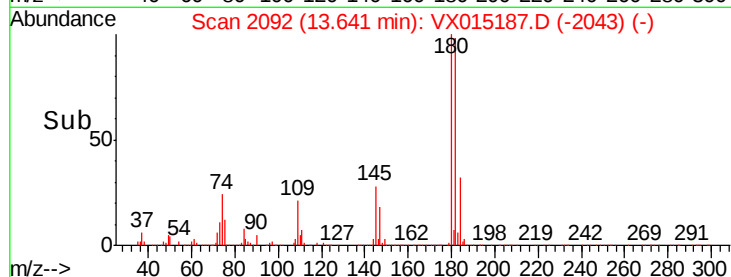
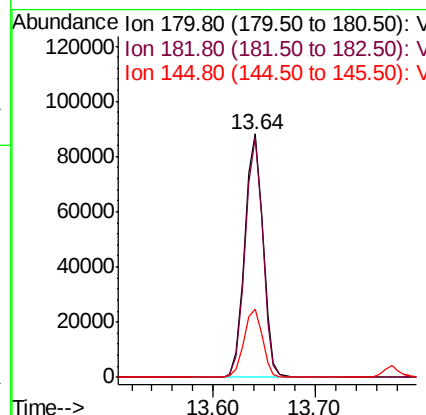
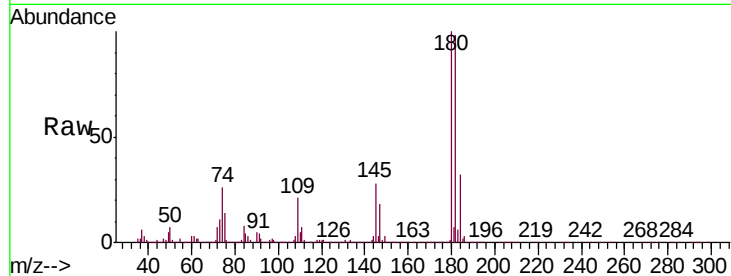




#93
 1,2,4-Trichlorobenzene
 Concen: 19.551 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

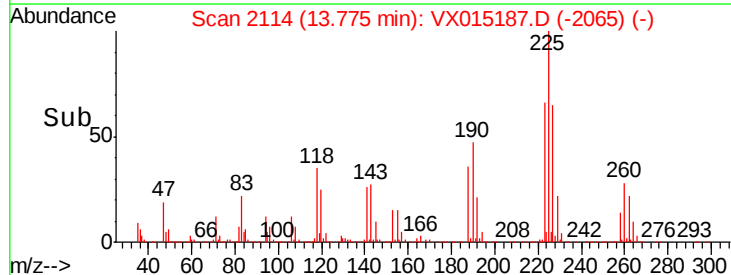
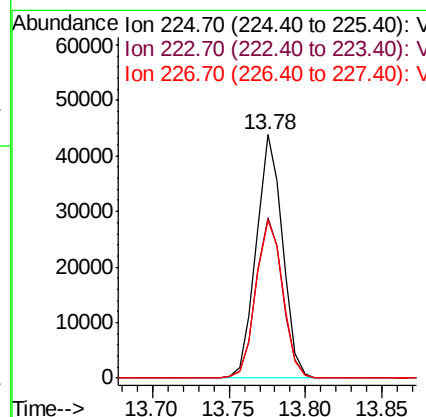
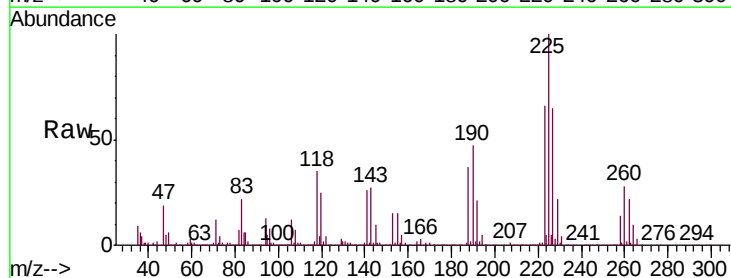
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

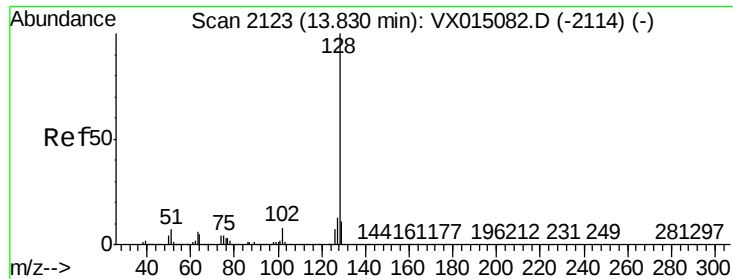
Tgt Ion:180 Resp: 108742
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 28.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 18.378 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion:225 Resp: 52454
 Ion Ratio Lower Upper
 225 100
 223 66.6 31.3 93.9
 227 66.4 31.1 93.2

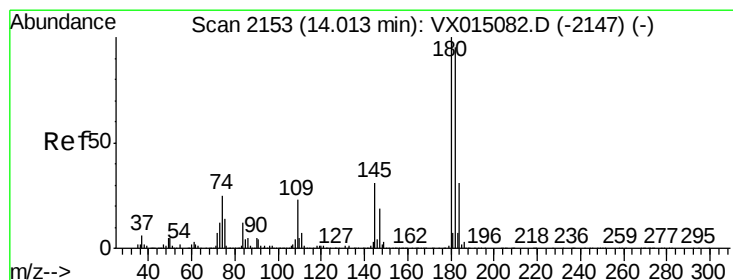
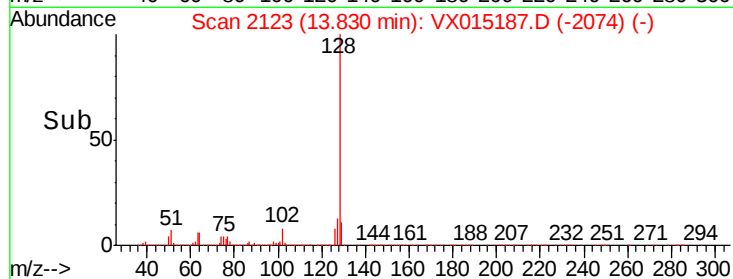
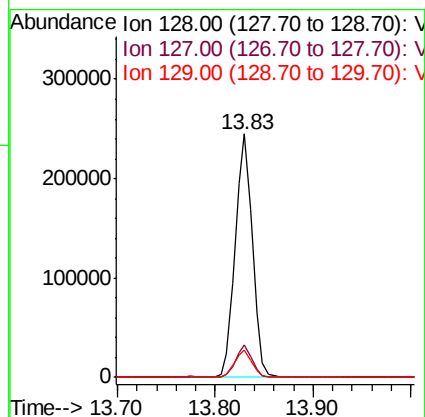
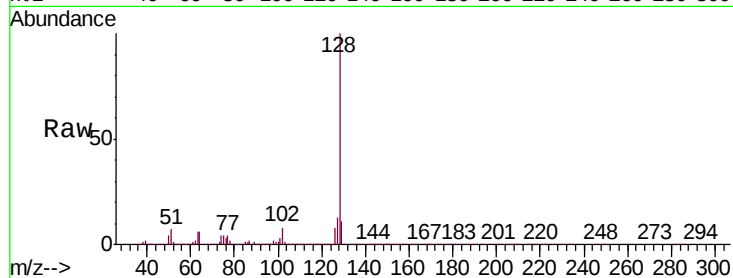




#95
Naphthalene
Concen: 18.504 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.166 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.8	143.4
145	29.6	15.1	45.3

