

Data File : VX015188.D
Acq On : 11 Mar 2020 10:30
Operator : JC/SP
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Quant Time: Mar 12 05:42:21 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	326426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	490845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	460603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	241266	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	200325	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.48	113	160249	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	8.71	98	613183	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.13	95	219429	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	55696	19.485	ug/l	99
3) Chloromethane	1.32	50	77522	19.146	ug/l	98
4) Vinyl Chloride	1.40	62	76845	18.717	ug/l	99
5) Bromomethane	1.64	94	47799	18.937	ug/l	100
6) Chloroethane	1.72	64	46730	18.974	ug/l	97
7) Trichlorofluoromethane	1.92	101	92909	19.018	ug/l	100
8) Diethyl Ether	2.18	74	44276	20.010	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64482	20.979	ug/l	98
10) Methyl Iodide	2.50	142	62462	17.987	ug/l	99
11) Tert butyl alcohol	3.05	59	69870	103.989	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61043	19.244	ug/l	99
13) Acrolein	2.28	56	59989	95.006	ug/l	100
14) Allyl chloride	2.72	41	107063	19.357	ug/l	97
15) Acrylonitrile	3.13	53	174595	104.342	ug/l	100
16) Acetone	2.44	43	163720	104.391	ug/l	96
17) Carbon Disulfide	2.56	76	155169	17.614	ug/l	99
18) Methyl Acetate	2.76	43	81310	21.203	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	206361	20.818	ug/l	99
20) Methylene Chloride	2.85	84	70933	19.326	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	66038	19.497	ug/l	97
22) Diisopropyl ether	3.84	45	231796	21.035	ug/l	92
23) Vinyl Acetate	3.80	43	955310	105.462	ug/l	100
24) 1,1-Dichloroethane	3.69	63	122272	19.992	ug/l	99
25) 2-Butanone	4.66	43	239080	104.127	ug/l	99
26) 2,2-Dichloropropane	4.56	77	92447	19.041	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	76084	20.023	ug/l	99
28) Bromochloromethane	5.00	49	61919	22.233	ug/l	92
29) Tetrahydrofuran	5.12	42	151068	102.069	ug/l	99
30) Chloroform	5.20	83	122556	20.559	ug/l	100
31) Cyclohexane	5.57	56	105411	19.323	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	97158	19.662	ug/l	98
36) 1,1-Dichloropropene	5.79	75	87672	19.321	ug/l	100
37) Ethyl Acetate	4.82	43	95508	22.690	ug/l	97
38) Carbon Tetrachloride	5.78	117	86892	20.287	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	105922	19.991	ug/l	99
40) Benzene	6.13	78	273996	20.352	ug/l	100
41) Methacrylonitrile	5.03	41	53861	21.304	ug/l	97
42) 1,2-Dichloroethane	6.18	62	100847	21.813	ug/l	99
43) Isopropyl Acetate	6.43	43	154214	20.826	ug/l	99
44) Trichloroethene	7.20	130	74276	19.811	ug/l	97
45) 1,2-Dichloropropane	7.51	63	73071	20.969	ug/l	98
46) Dibromomethane	7.65	93	47716	21.015	ug/l	98
47) Bromodichloromethane	7.89	83	92994	20.711	ug/l	98
48) Methyl methacrylate	7.76	41	75130	19.935	ug/l	100
49) 1,4-Dioxane	7.75	88	33511	411.257	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	479603	109.546	ug/l	100
52) Toluene	8.78	92	173017	21.019	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	101707	21.281	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	113973	21.095	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	71930	21.230	ug/l	95
56) Ethyl methacrylate	9.17	69	100852	20.869	ug/l	98
57) 1,3-Dichloropropane	9.36	76	123085	21.594	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	282409	107.270	ug/l	100
59) 2-Hexanone	9.48	43	356322	109.807	ug/l	100
60) Dibromochloromethane	9.57	129	75565	21.232	ug/l	98
61) 1,2-Dibromoethane	9.67	107	75826	21.308	ug/l	98
64) Tetrachloroethene	9.33	164	78130	20.516	ug/l	98
65) Chlorobenzene	10.13	112	187153	20.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	69715	19.993	ug/l	99
67) Ethyl Benzene	10.25	91	319642	20.356	ug/l	100
68) m/p-Xylenes	10.35	106	246469	41.254	ug/l	99
69) o-Xylene	10.70	106	117115	20.474	ug/l	99
70) Styrene	10.71	104	200008	20.393	ug/l	98
71) Bromoform	10.85	173	54983	20.334	ug/l	96
73) Isopropylbenzene	11.01	105	315289	20.457	ug/l	100
74) N-amyl acetate	10.89	43	127738	19.666	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	105116	20.465	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	116196	24.144	ug/l	80
77) Bromobenzene	11.25	156	84810	19.745	ug/l	99
78) n-propylbenzene	11.35	91	369075	20.961	ug/l	99
79) 2-Chlorotoluene	11.42	91	216066	20.548	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	262898	20.491	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	31054	18.313	ug/l	94
82) 4-Chlorotoluene	11.51	91	255173	20.540	ug/l	99
83) tert-Butylbenzene	11.76	119	249384	20.102	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	266575	20.682	ug/l	99
85) sec-Butylbenzene	11.94	105	308555	20.603	ug/l	100
86) p-Isopropyltoluene	12.06	119	284607	20.627	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	146423	19.392	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	155218	19.911	ug/l	99
89) n-Butylbenzene	12.38	91	253198	20.633	ug/l	99
90) Hexachloroethane	12.59	117	49154	18.844	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	148711	19.810	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20782	20.206	ug/l	98

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

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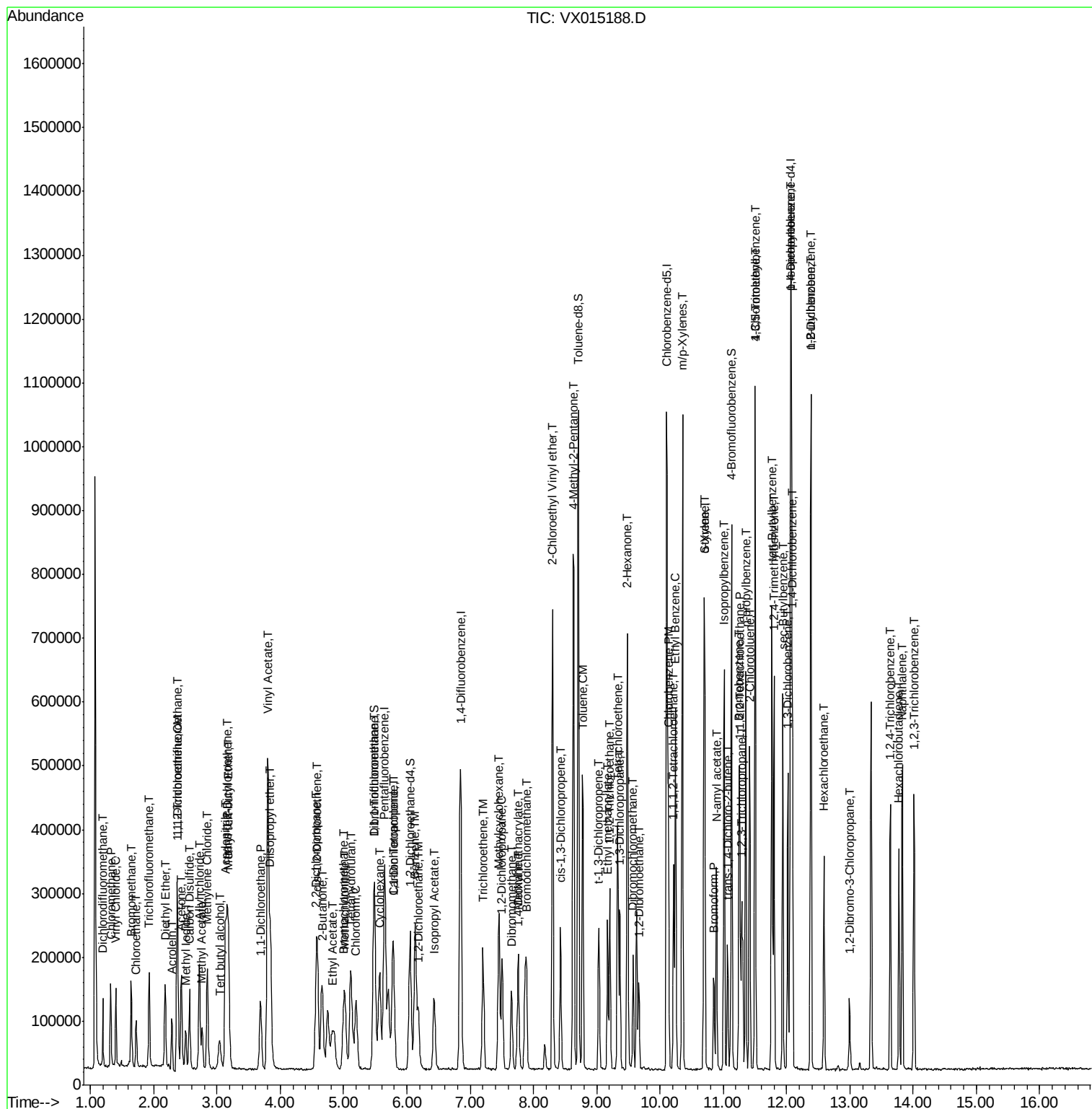
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	104927	20.136	ug/l	99
94) Hexachlorobutadiene	13.77	225	51493	19.257	ug/l	96
95) Naphthalene	13.83	128	293278	19.263	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	103506	19.908	ug/l	98

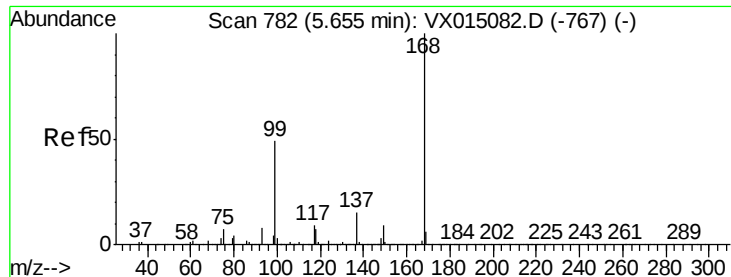
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

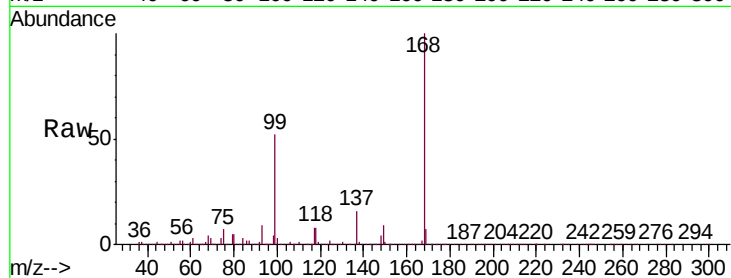
VX0311WBSD01

Tgt Ion:168 Resp: 326426

Ion Ratio Lower Upper

168 100

99 51.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

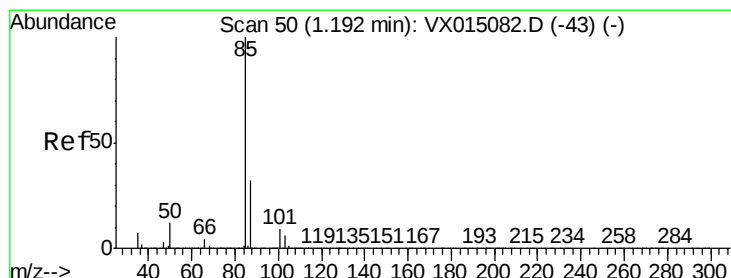
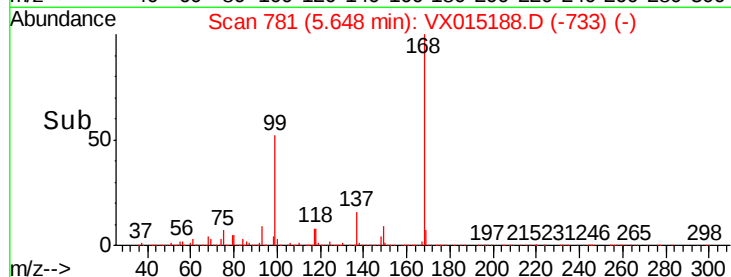
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.485 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015188.D

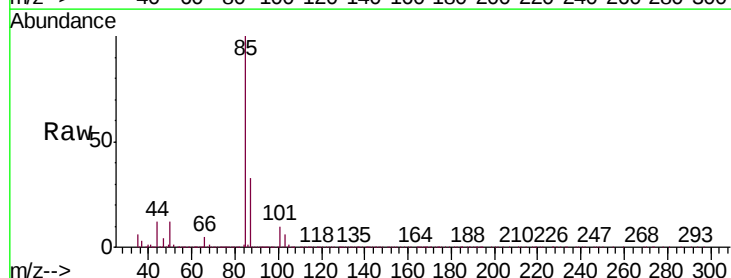
Acq: 11 Mar 2020 10:30

Tgt Ion: 85 Resp: 55696

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

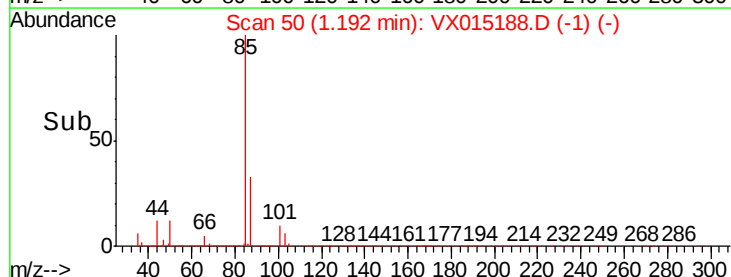
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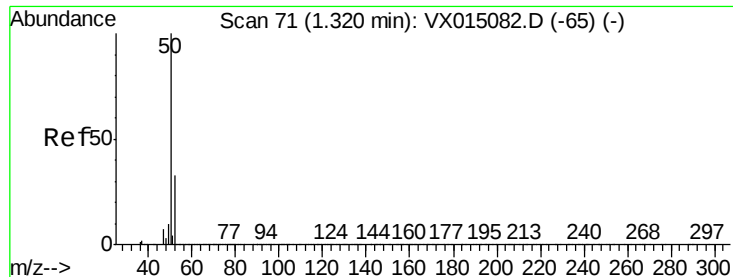
20000

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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.146 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

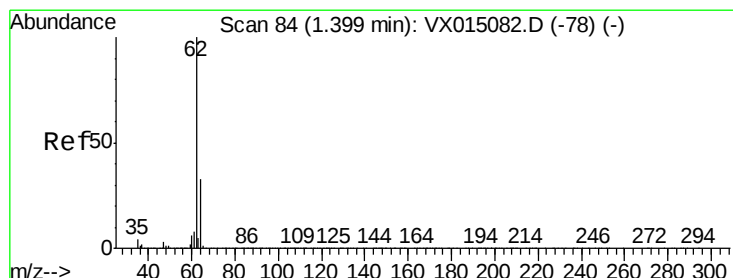
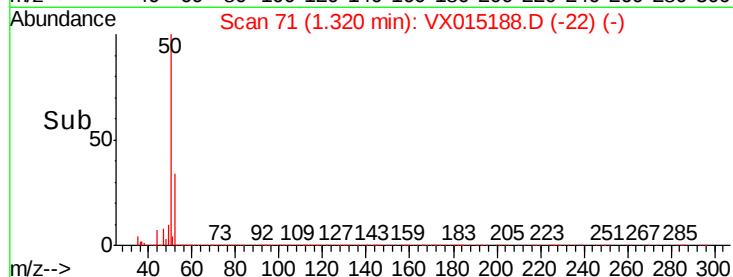
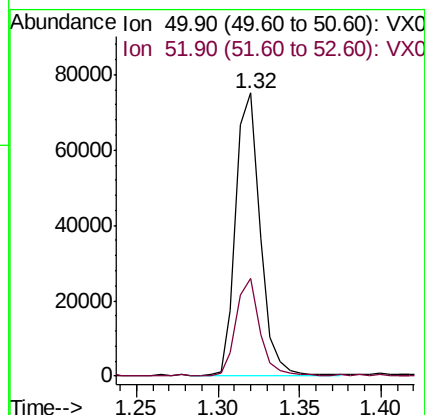
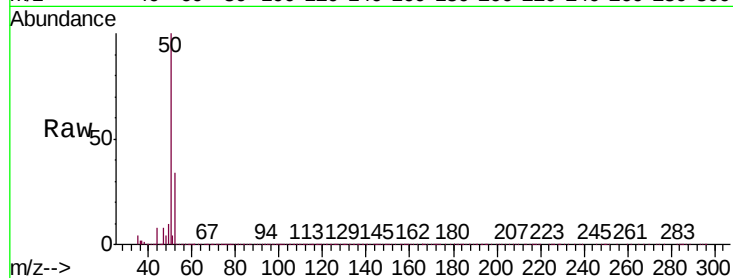
VX0311WBSD01

Tgt Ion: 50 Resp: 77522

Ion Ratio Lower Upper

50 100

52 34.1 26.2 39.2



#4

Vinyl Chloride

Concen: 18.717 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015188.D

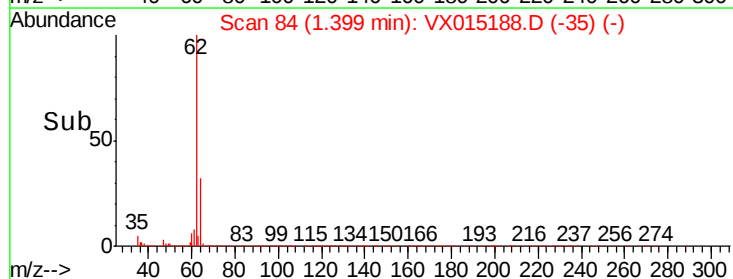
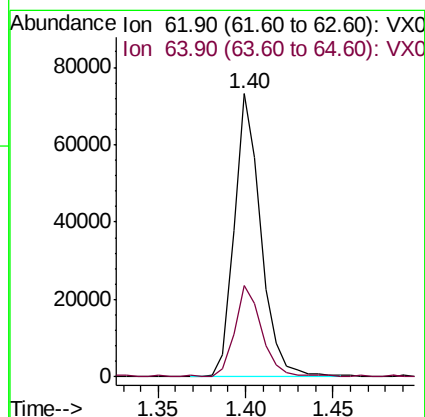
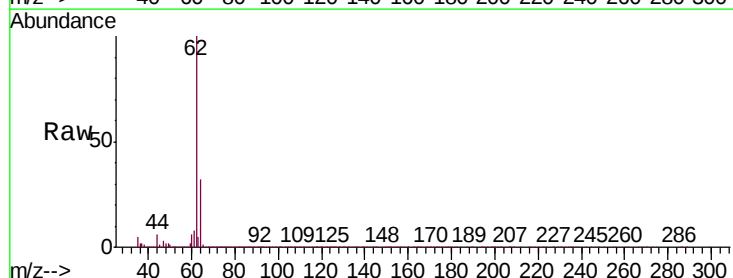
Acq: 11 Mar 2020 10:30

Tgt Ion: 62 Resp: 76845

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 18.937 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

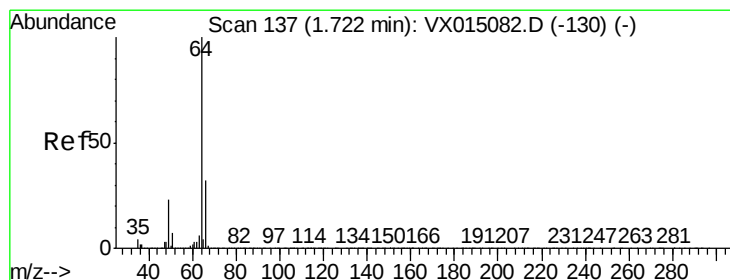
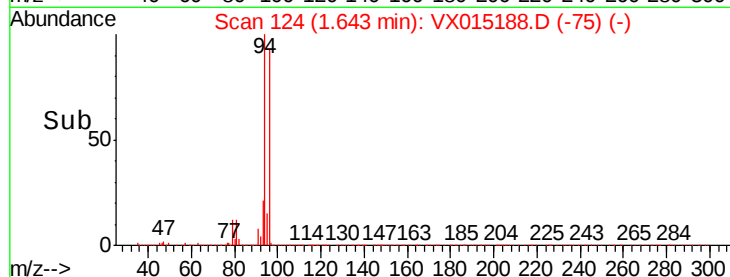
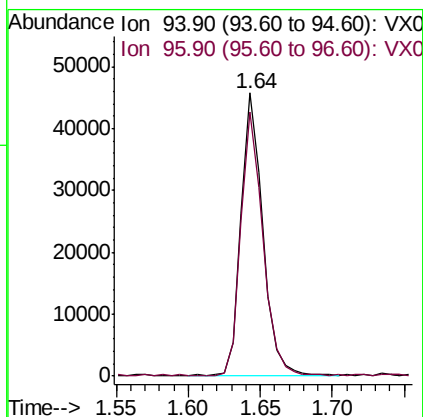
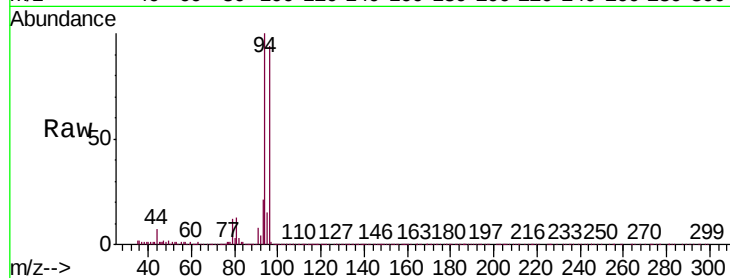
VX0311WBSD01

Tgt Ion: 94 Resp: 47799

Ion Ratio Lower Upper

94 100

96 93.4 74.6 111.8



#6

Chloroethane

Concen: 18.974 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015188.D

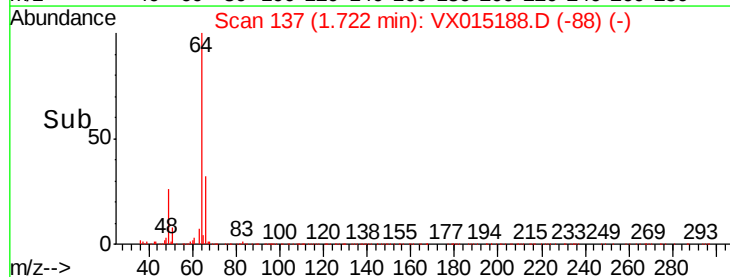
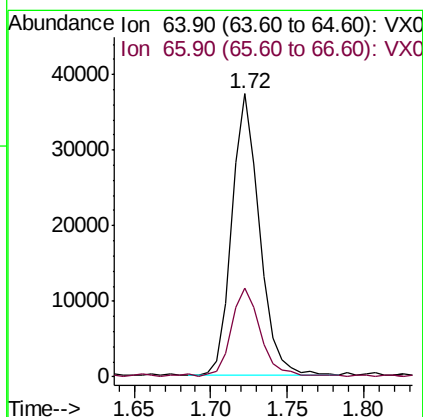
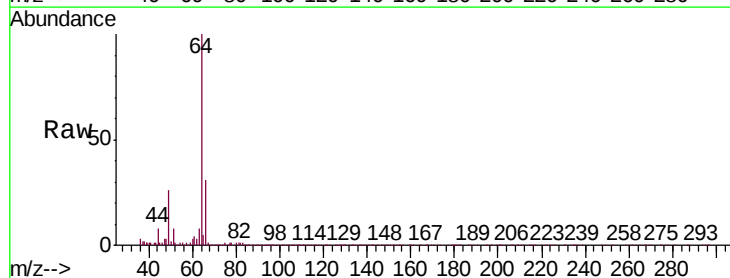
Acq: 11 Mar 2020 10:30

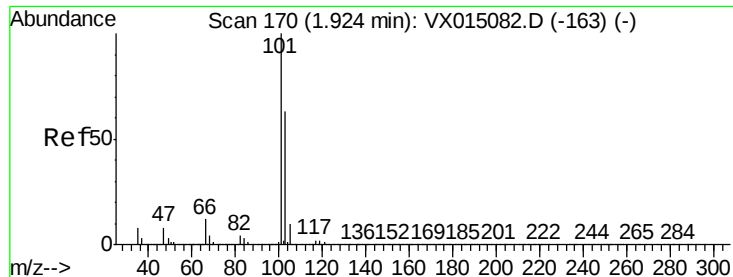
Tgt Ion: 64 Resp: 46730

Ion Ratio Lower Upper

64 100

66 30.7 25.8 38.8



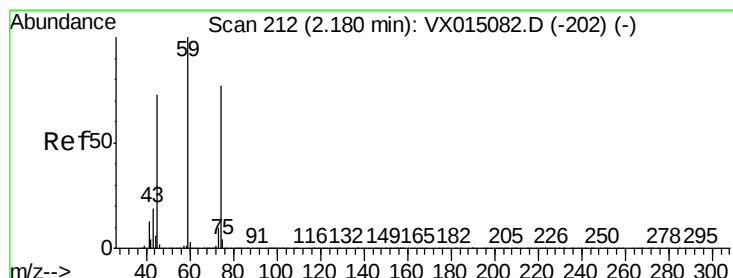
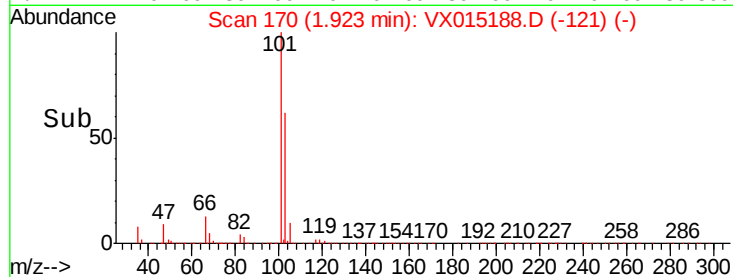
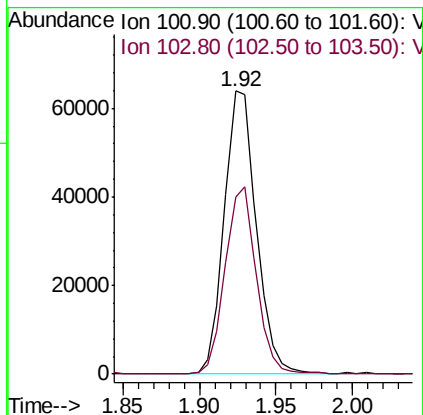
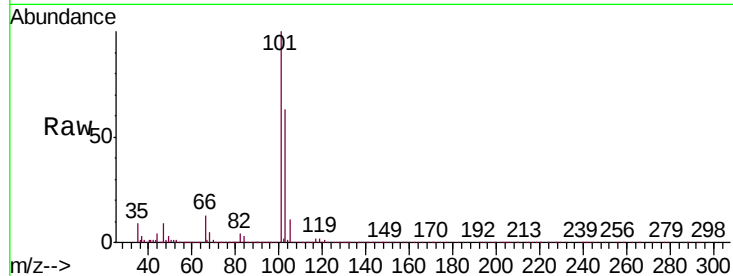


#7

Trichlorofluoromethane
Concen: 19.018 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
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VX0311WBSD01

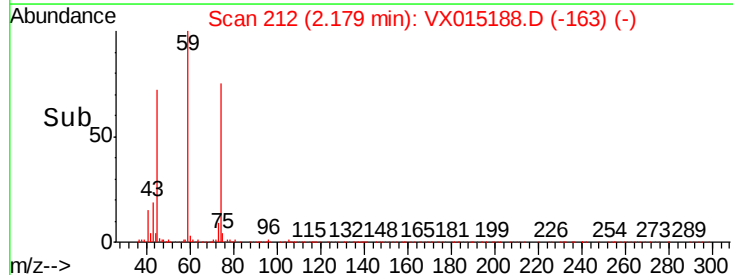
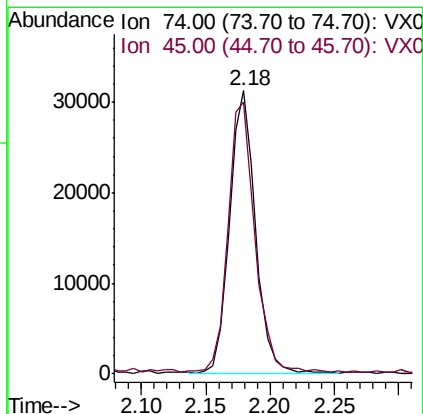
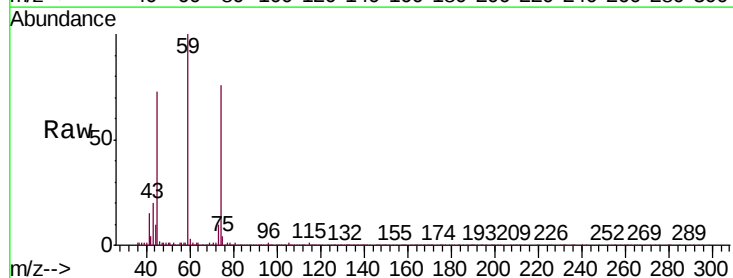
Tgt Ion:101 Resp: 92909
Ion Ratio Lower Upper
101 100
103 62.7 50.4 75.6

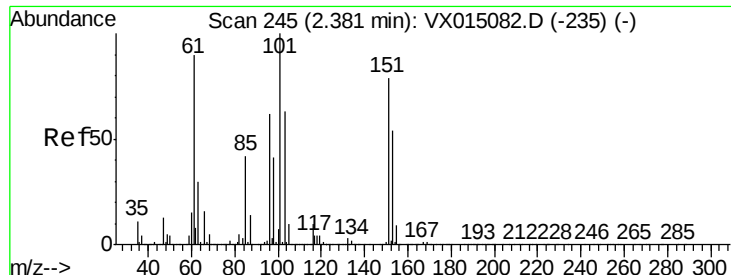


#8

Diethyl Ether
Concen: 20.010 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 74 Resp: 44276
Ion Ratio Lower Upper
74 100
45 99.4 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.979 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015188.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

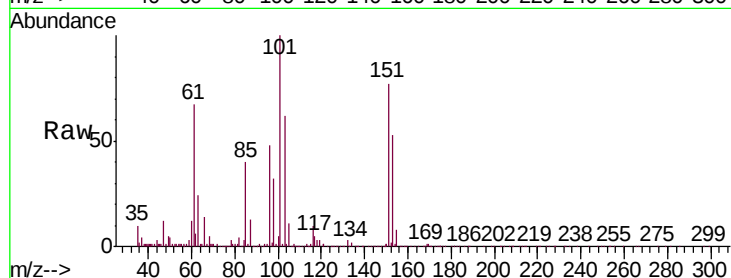
Tgt Ion:101 Resp: 64482

Ion Ratio Lower Upper

101 100

85 40.1 33.7 50.5

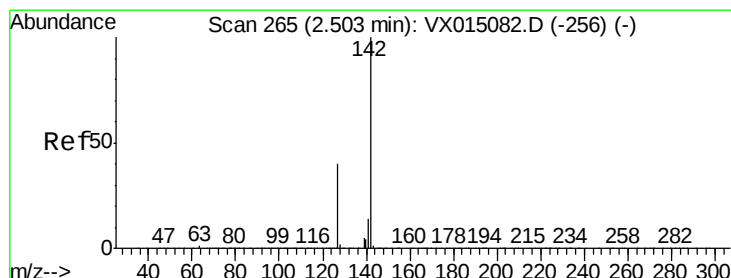
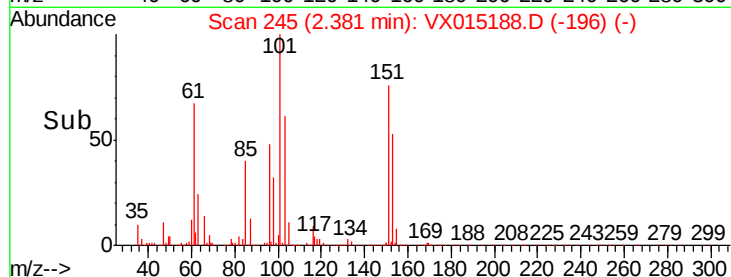
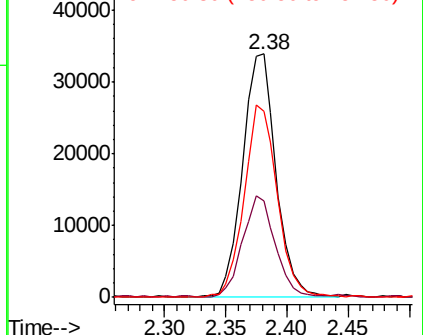
151 78.6 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.987 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

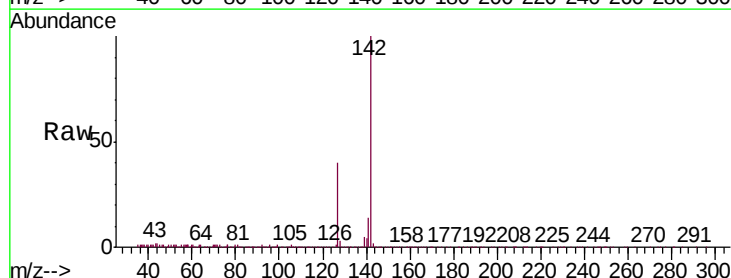
Tgt Ion:142 Resp: 62462

Ion Ratio Lower Upper

142 100

127 39.9 31.7 47.5

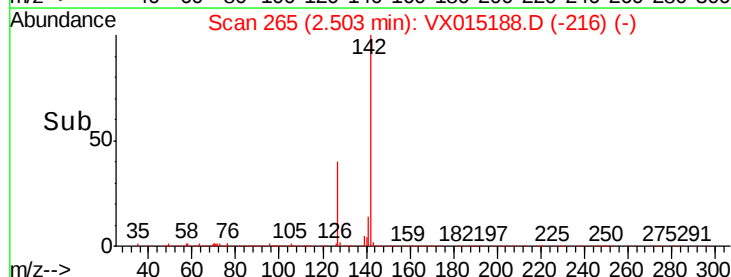
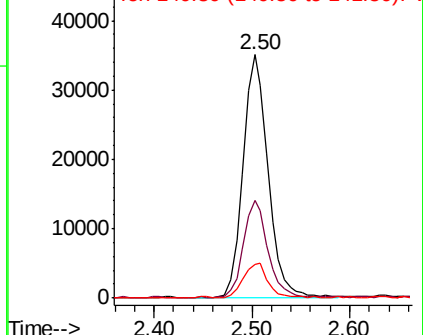
141 14.5 11.3 16.9

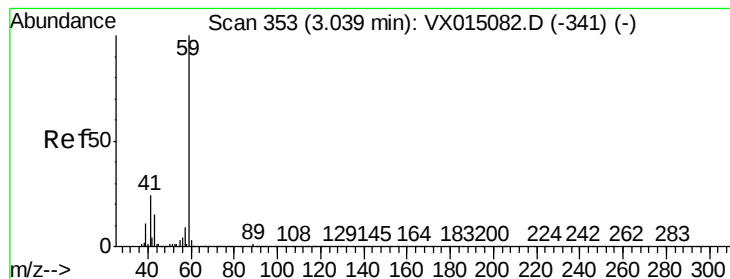


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



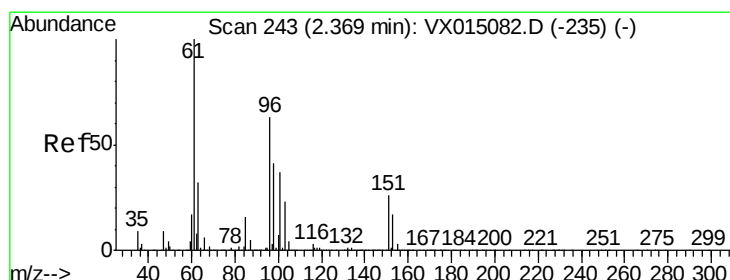
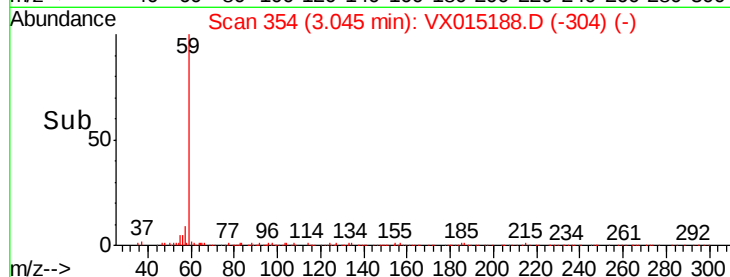
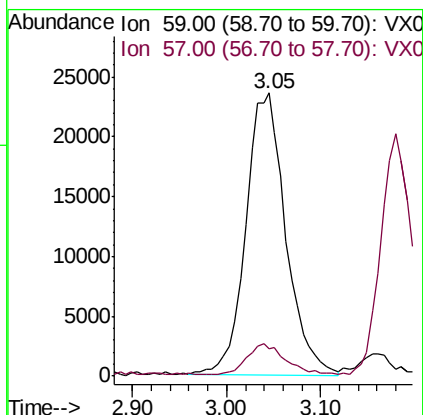
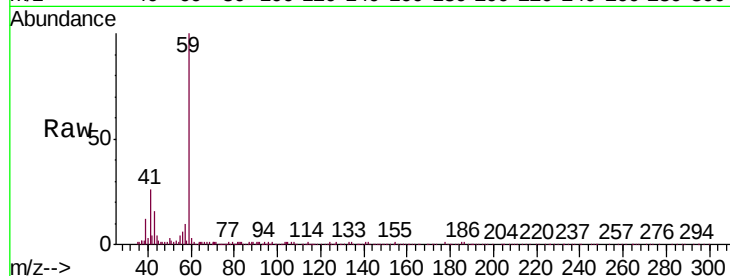


#11

Tert butyl alcohol
Concen: 103.989 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

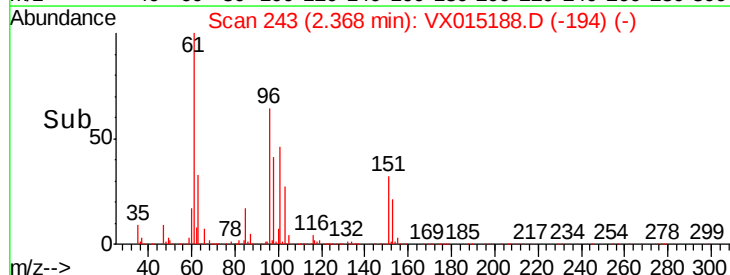
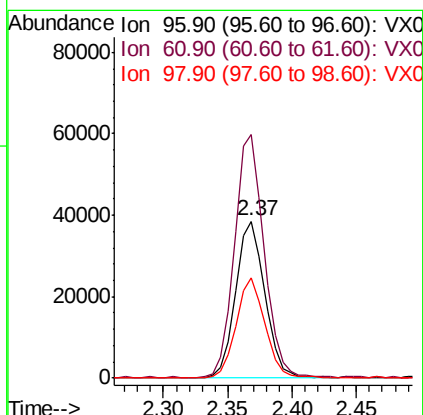
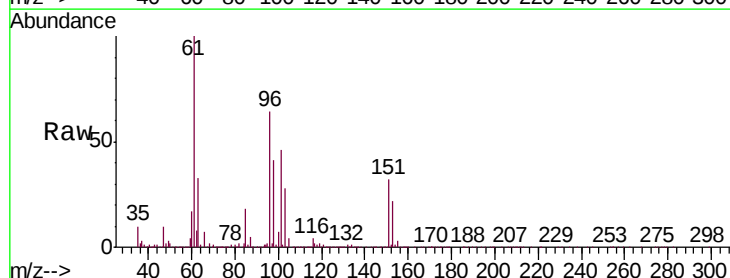
Tgt Ion: 59 Resp: 69870
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

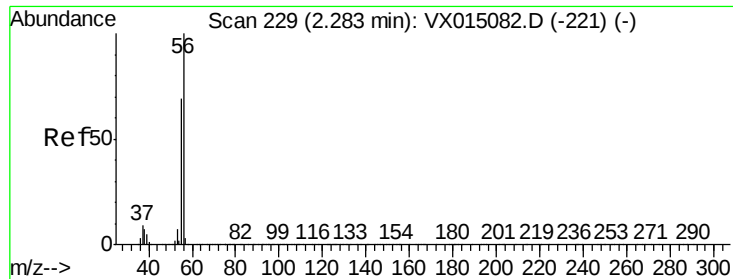


#12

1,1-Dichloroethene
Concen: 19.244 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 96 Resp: 61043
Ion Ratio Lower Upper
96 100
61 155.5 126.2 189.4
98 63.8 51.4 77.0





#13

Acrolein

Concen: 95.006 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

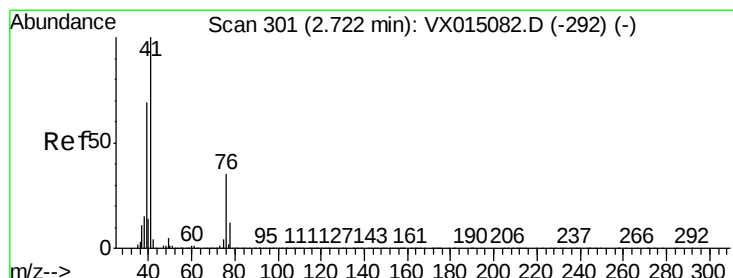
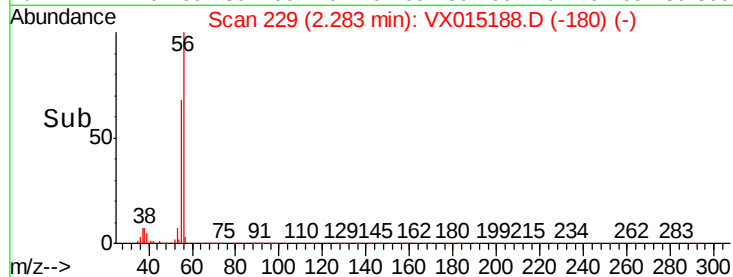
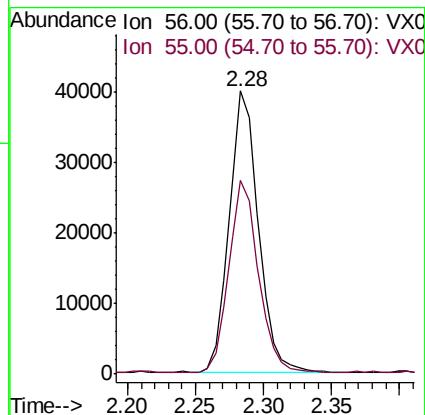
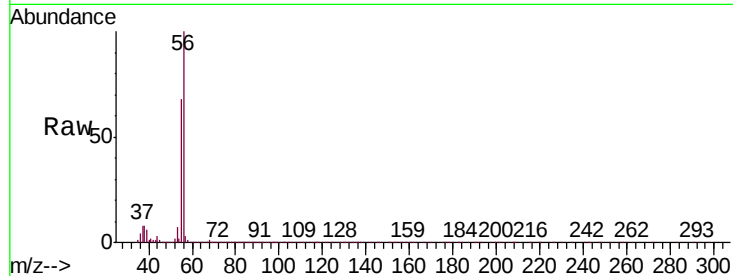
VX0311WBSD01

Tgt Ion: 56 Resp: 59989

Ion Ratio Lower Upper

56 100

55 68.8 55.4 83.0



#14

Allyl chloride

Concen: 19.357 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

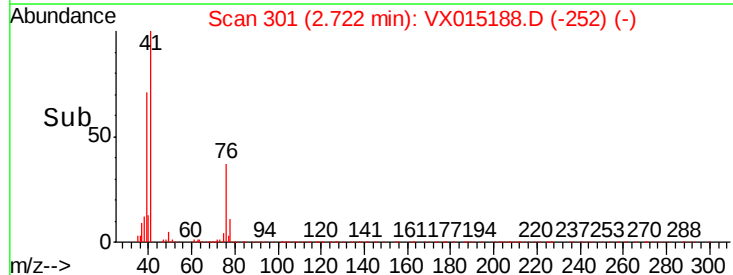
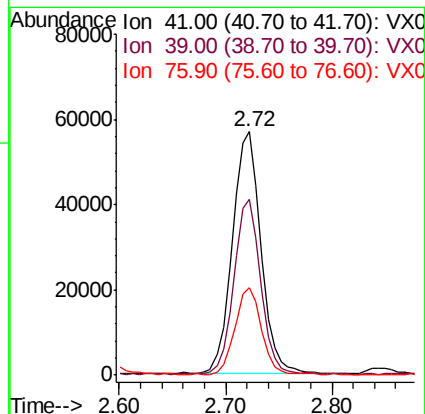
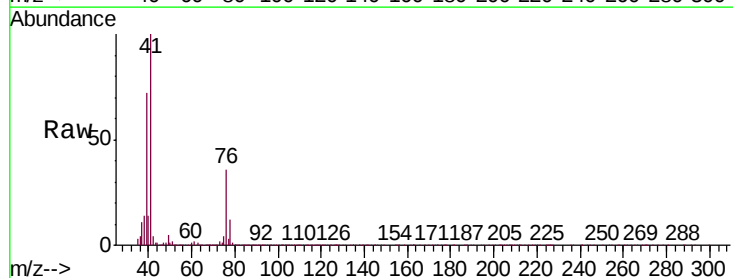
Tgt Ion: 41 Resp: 107063

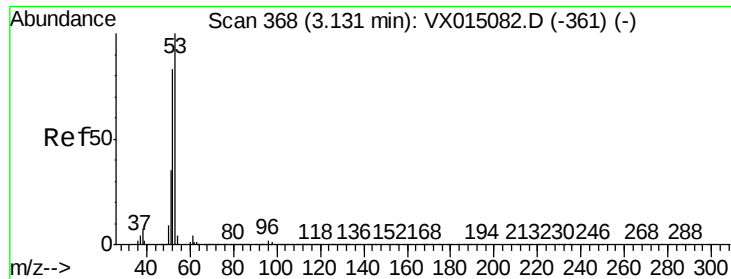
Ion Ratio Lower Upper

41 100

39 70.1 52.9 79.3

76 33.2 26.8 40.2

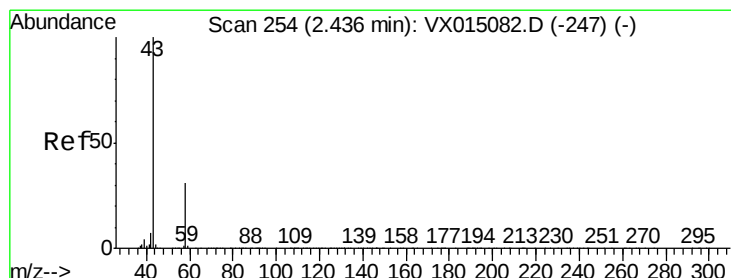
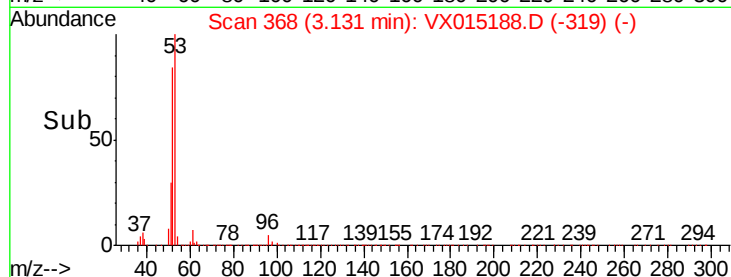
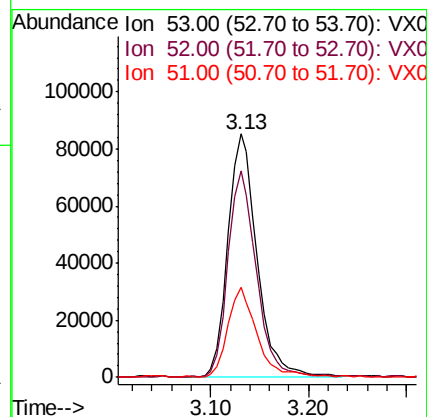
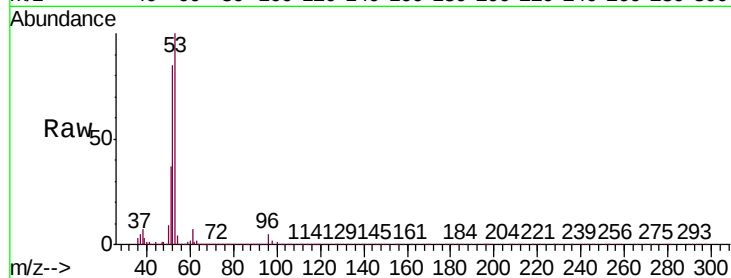




#15
 Acrylonitrile
 Concen: 104.342 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

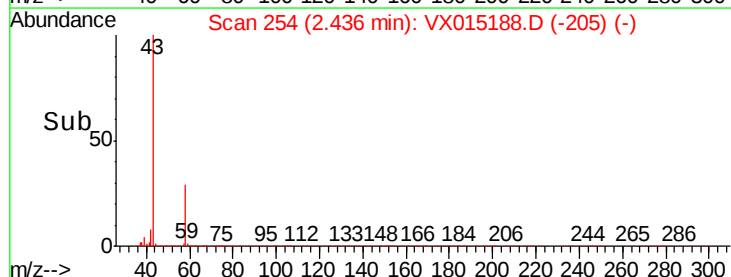
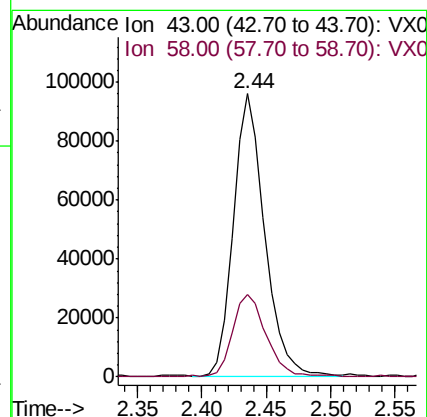
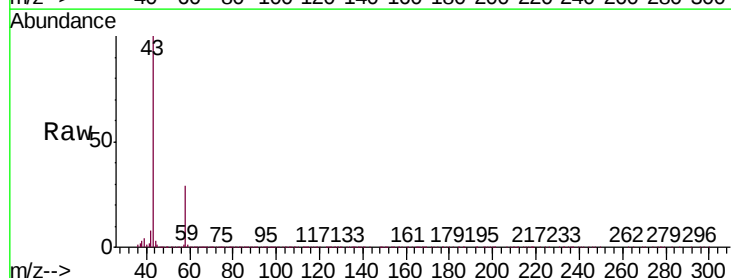
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

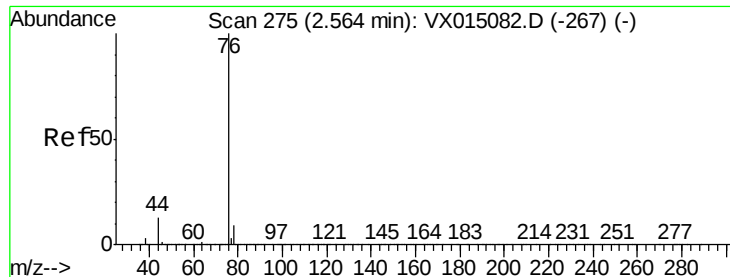
Tgt Ion: 53 Resp: 174595
 Ion Ratio Lower Upper
 53 100
 52 83.4 66.6 100.0
 51 36.5 29.0 43.6



#16
 Acetone
 Concen: 104.391 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion: 43 Resp: 163720
 Ion Ratio Lower Upper
 43 100
 58 29.0 24.8 37.2





#17

Carbon Disulfide

Concen: 17.614 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

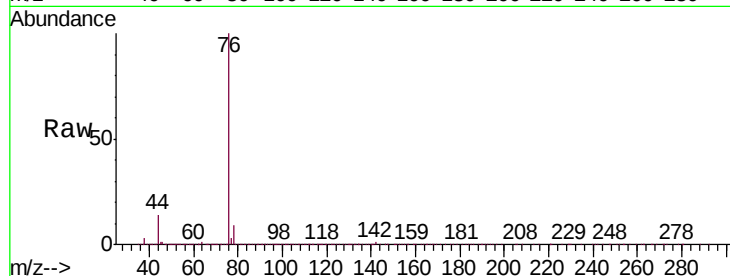
VX0311WBSD01

Tgt Ion: 76 Resp: 155169

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

60000

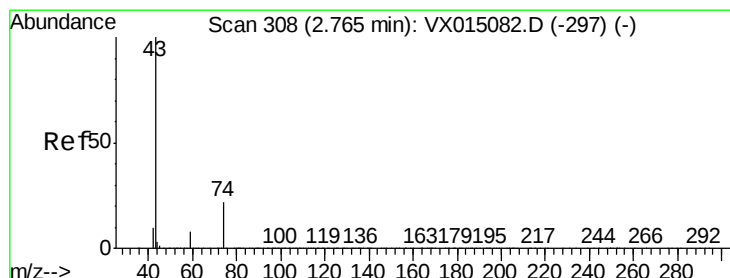
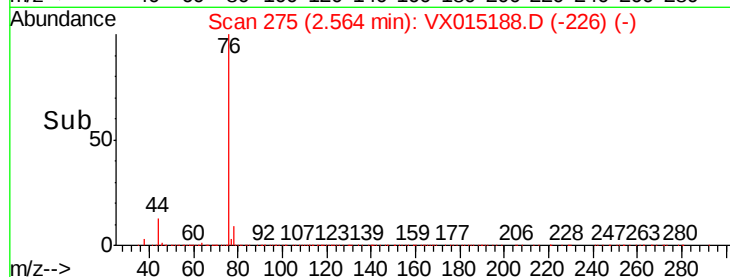
40000

20000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 21.203 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015188.D

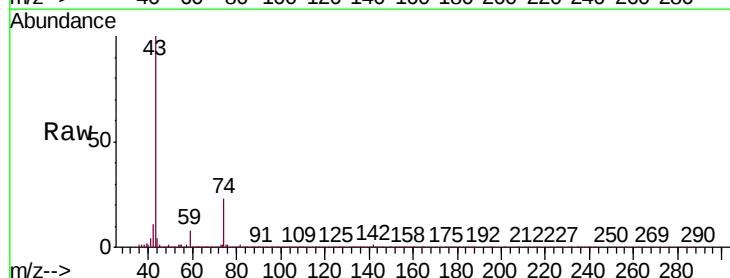
Acq: 11 Mar 2020 10:30

Tgt Ion: 43 Resp: 81310

Ion Ratio Lower Upper

43 100

74 22.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

50000

40000

30000

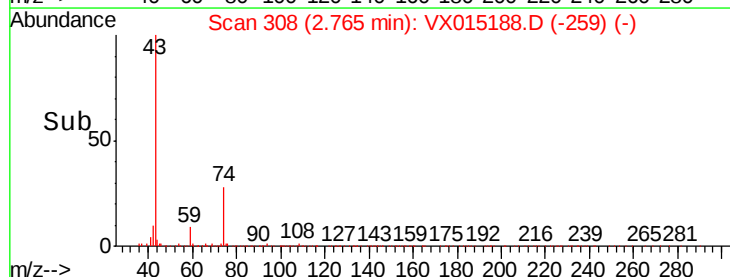
20000

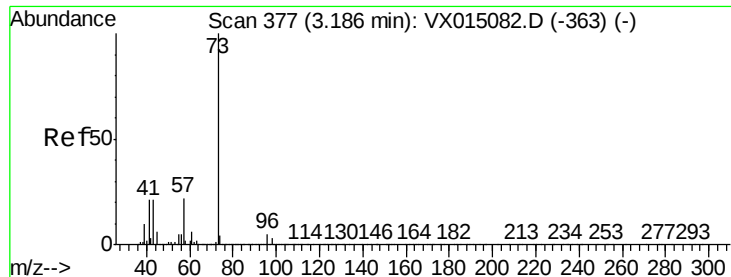
10000

0

Time-->

2.70 2.80 2.90



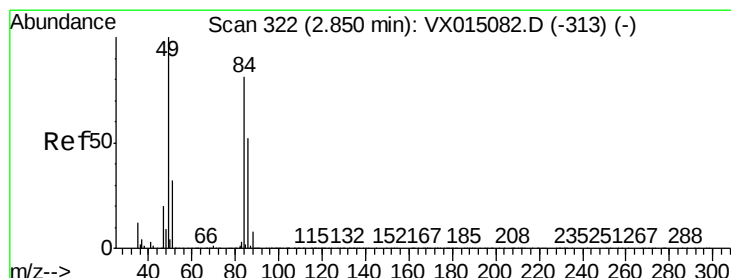
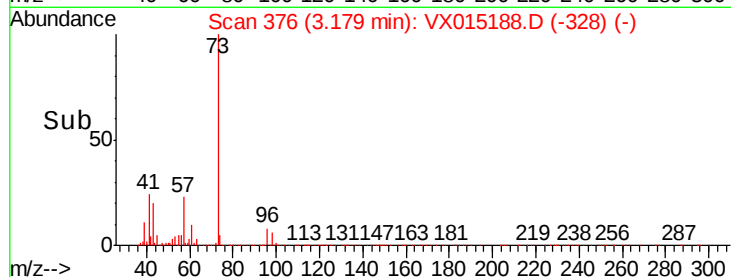
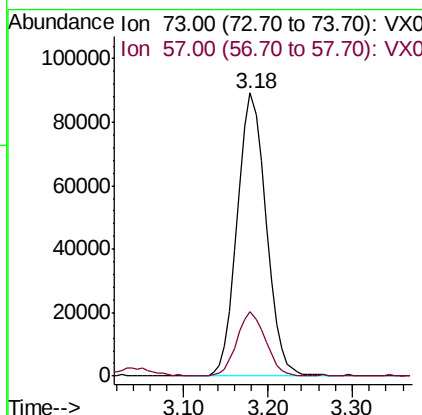
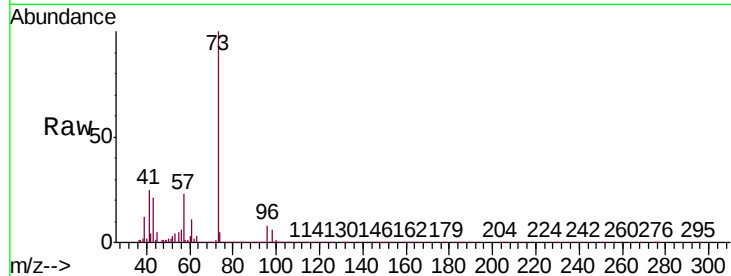


#19

Methyl tert-butyl Ether
Concen: 20.818 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

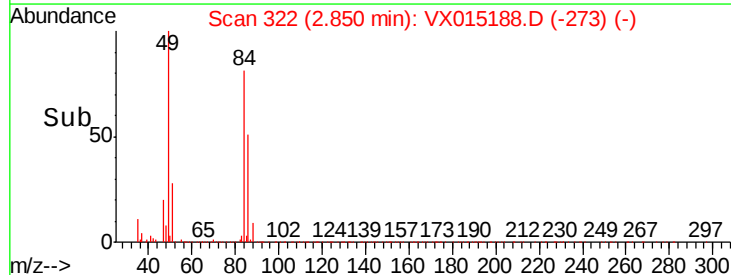
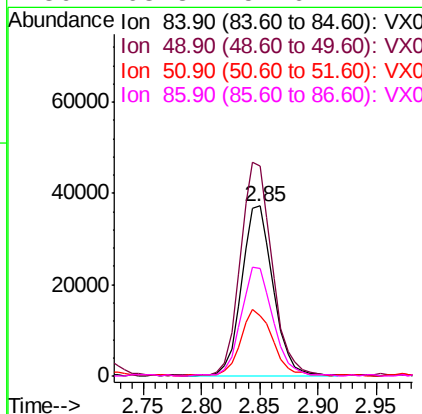
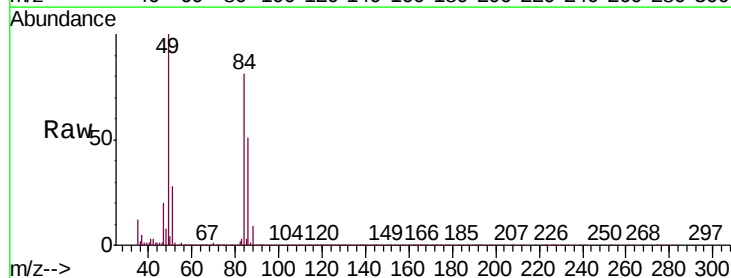
Tgt Ion: 73 Resp: 206361
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.6

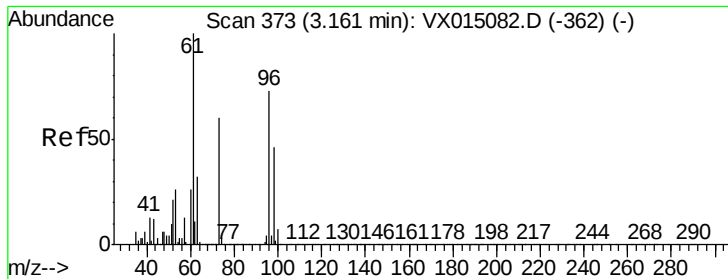


#20

Methylene Chloride
Concen: 19.326 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 84 Resp: 70933
Ion Ratio Lower Upper
84 100
49 123.3 99.4 149.2
51 34.8 31.5 47.3
86 63.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.497 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

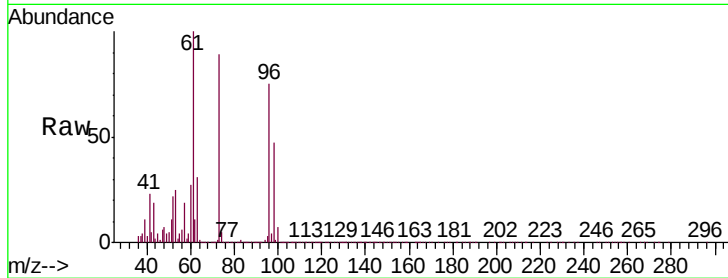
Tgt Ion: 96 Resp: 66038

Ion Ratio Lower Upper

96 100

61 133.0 109.9 164.9

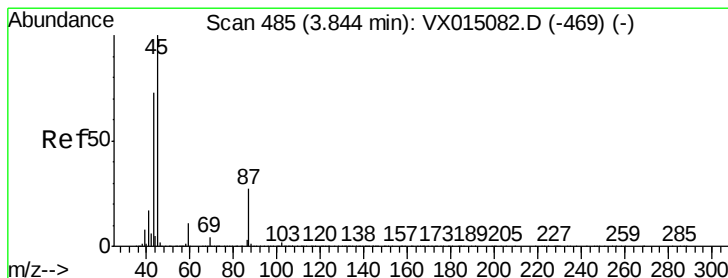
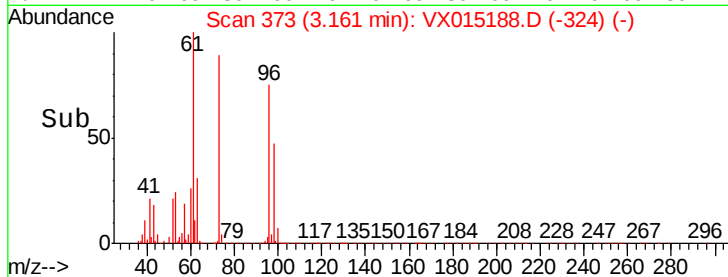
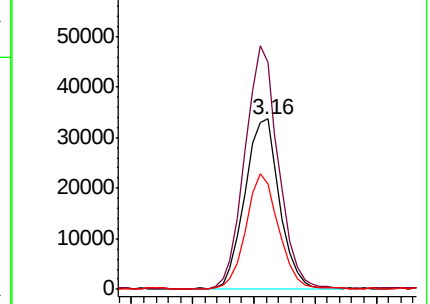
98 61.8 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.035 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Tgt Ion: 45 Resp: 231796

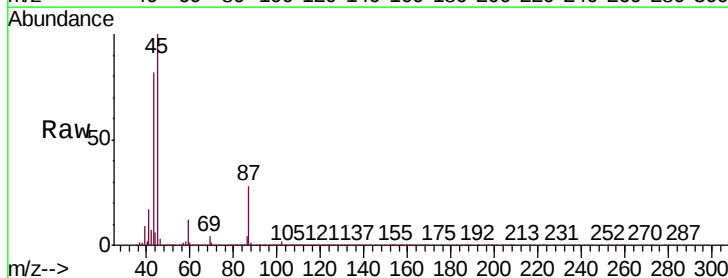
Ion Ratio Lower Upper

45 100

43 81.9 58.2 87.2

87 27.4 21.2 31.8

59 11.6 8.9 13.3

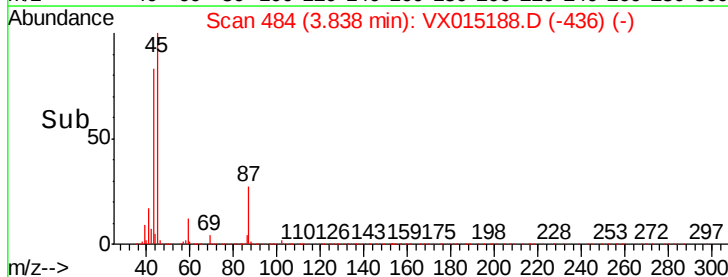
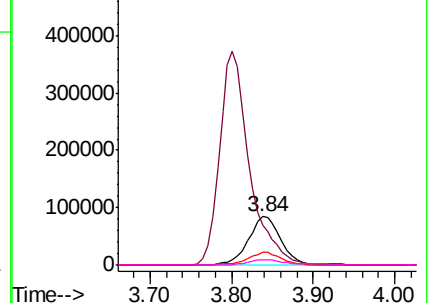


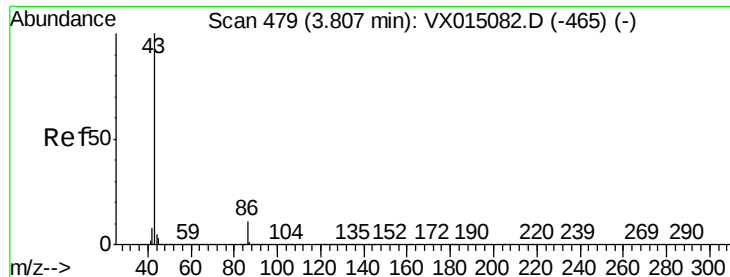
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.462 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

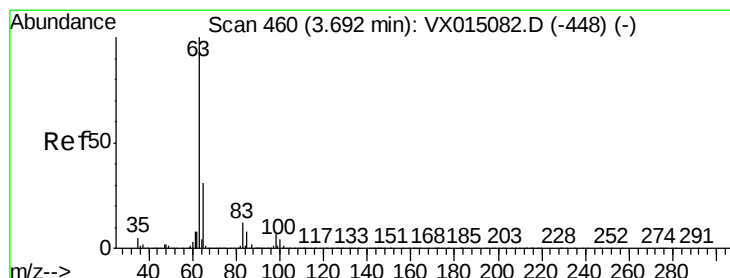
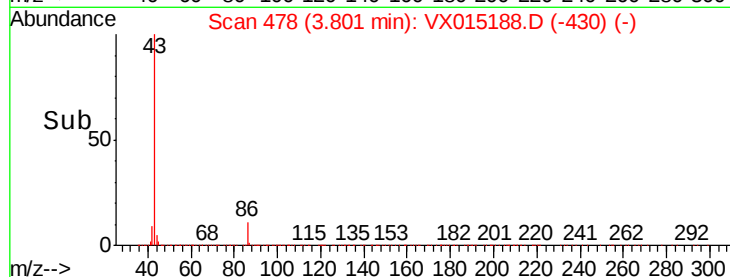
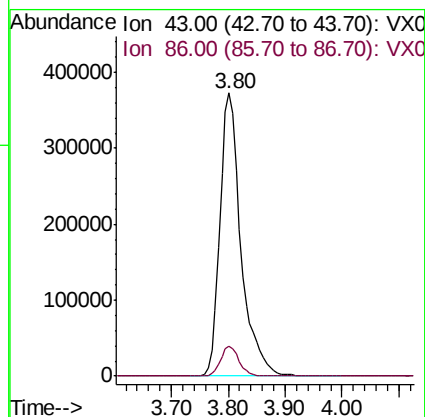
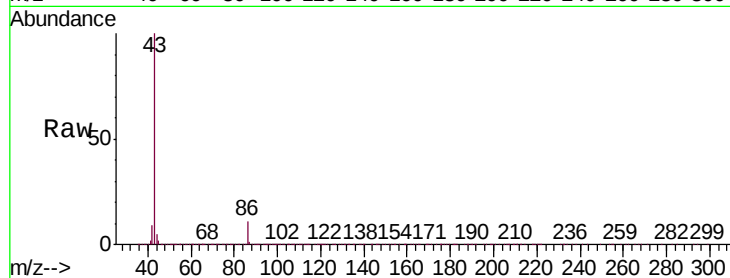
VX0311WBSD01

Tgt Ion: 43 Resp: 955310

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.992 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

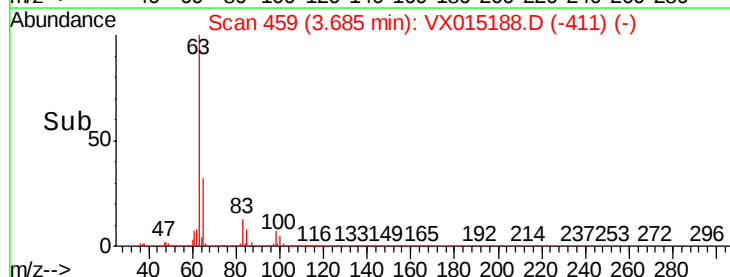
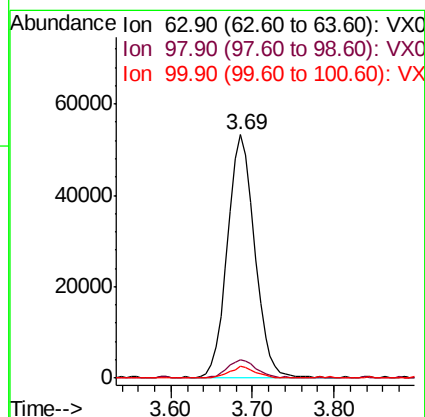
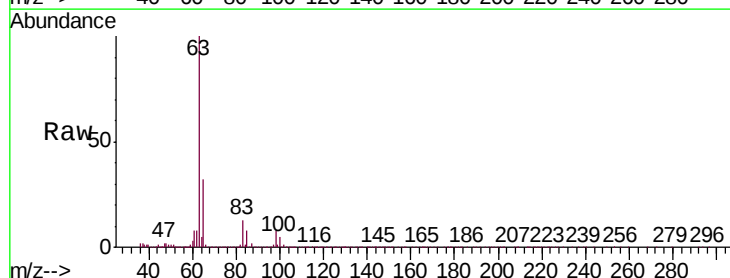
Tgt Ion: 63 Resp: 122272

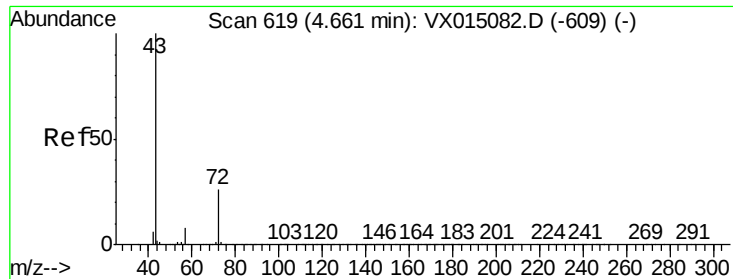
Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 104.127 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

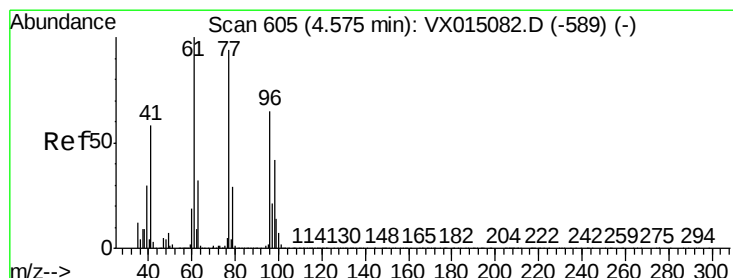
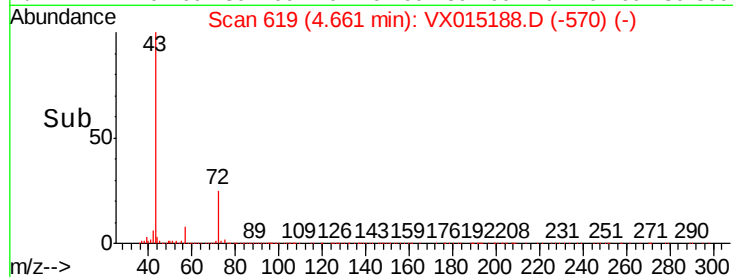
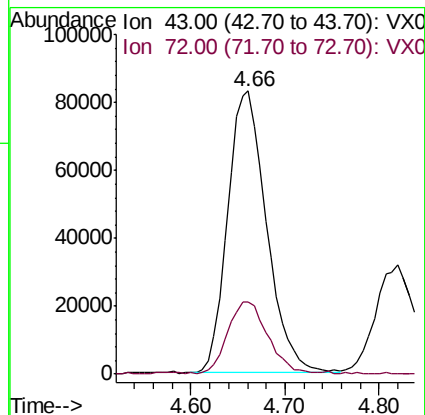
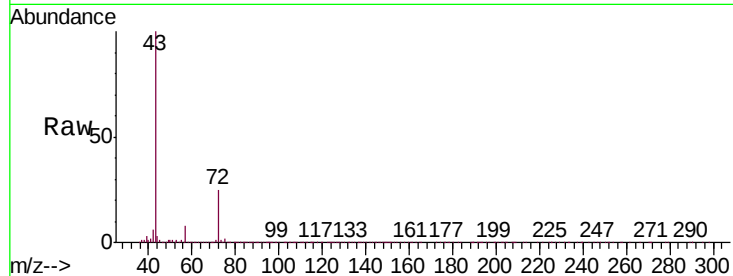
VX0311WBSD01

Tgt Ion: 43 Resp: 239080

Ion Ratio Lower Upper

43 100

72 25.2 20.6 30.8



#26

2,2-Dichloropropane

Concen: 19.041 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015188.D

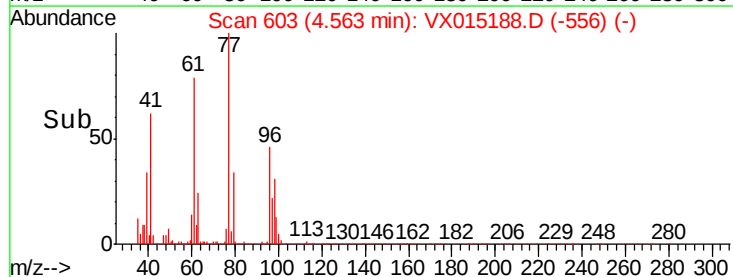
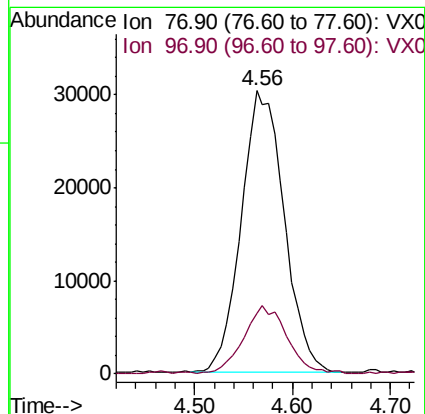
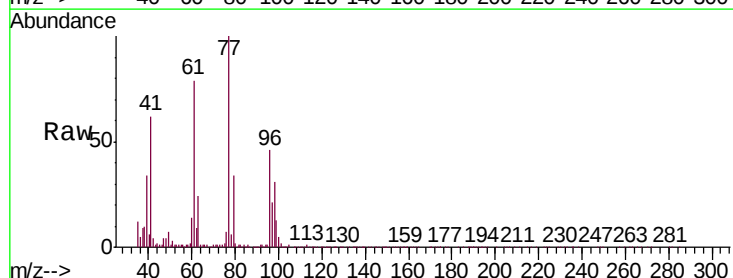
Acq: 11 Mar 2020 10:30

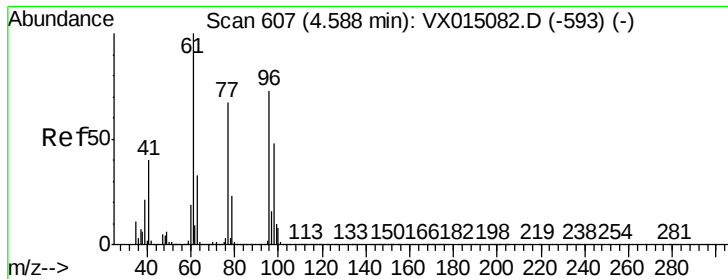
Tgt Ion: 77 Resp: 92447

Ion Ratio Lower Upper

77 100

97 24.7 11.8 35.4



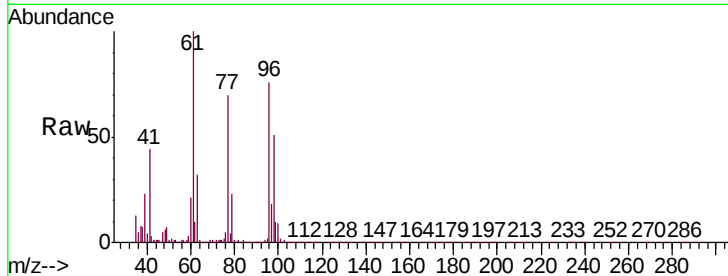


#27

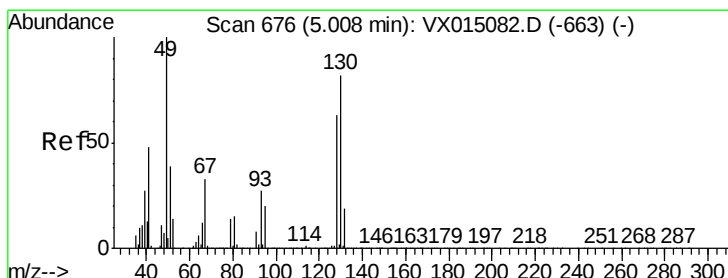
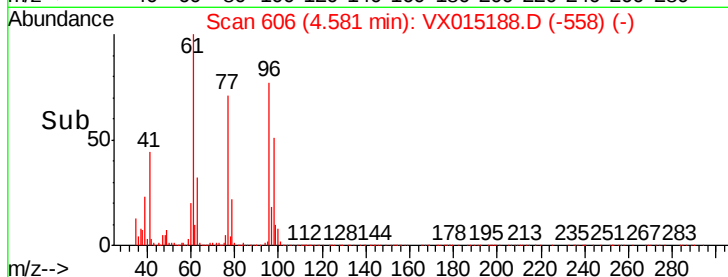
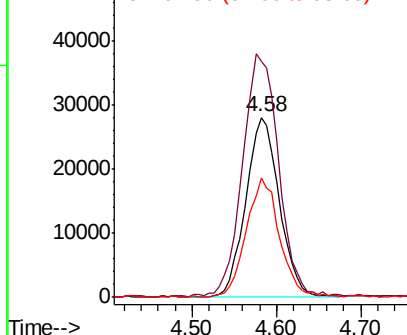
cis-1,2-Dichloroethene
 Concen: 20.023 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion: 96 Resp: 76084
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 286.8
 98 66.1 0.0 128.4



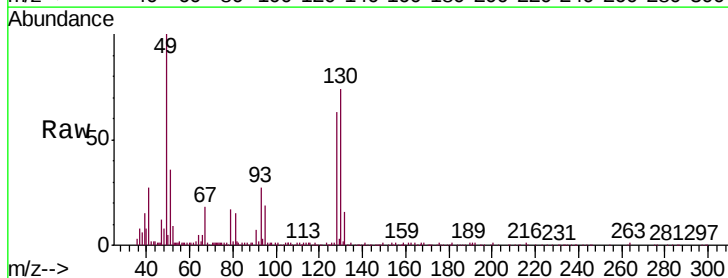
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



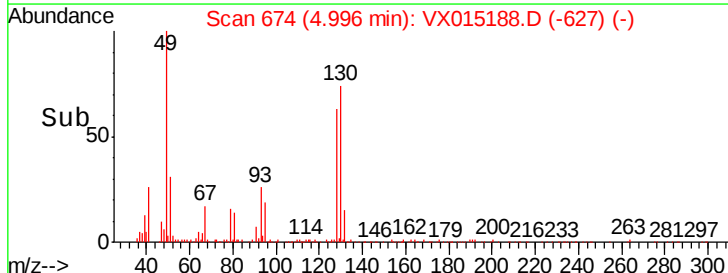
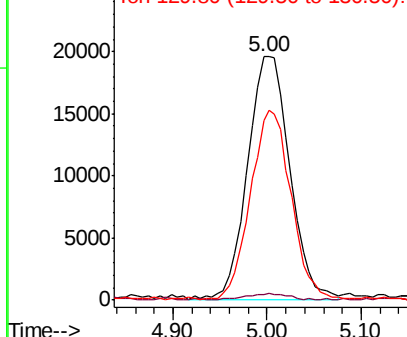
#28

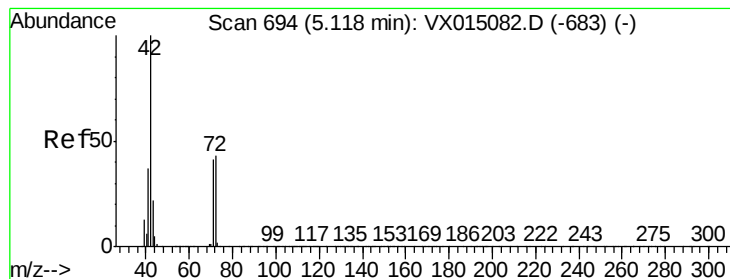
Bromochloromethane
 Concen: 22.233 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion: 49 Resp: 61919
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.4
 130 73.9 65.0 97.6



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





#29

Tetrahydrofuran

Concen: 102.069 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

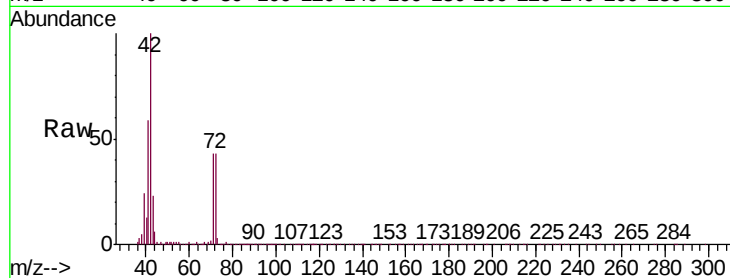
Tgt Ion: 42 Resp: 151068

Ion Ratio Lower Upper

42 100

72 45.8 36.4 54.6

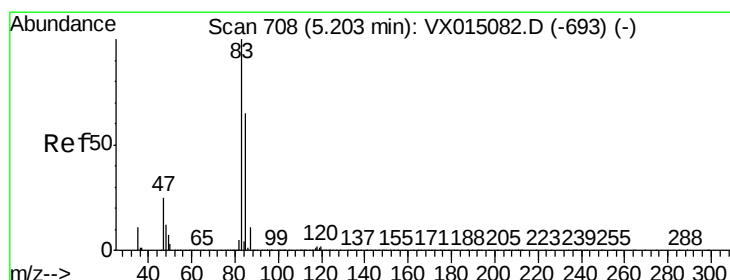
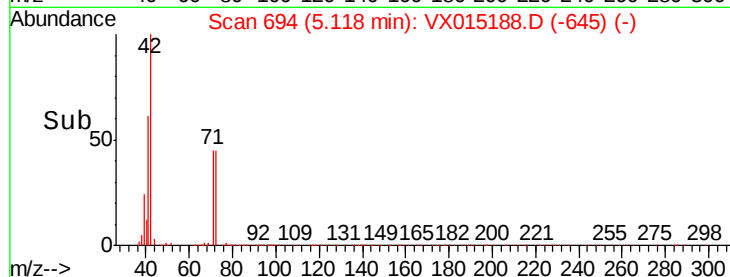
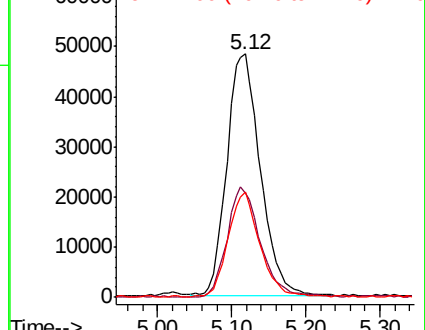
71 41.1 33.3 49.9



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: 20.559 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015188.D

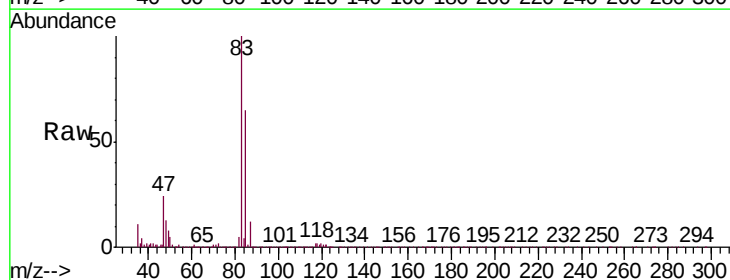
Acq: 11 Mar 2020 10:30

Tgt Ion: 83 Resp: 122556

Ion Ratio Lower Upper

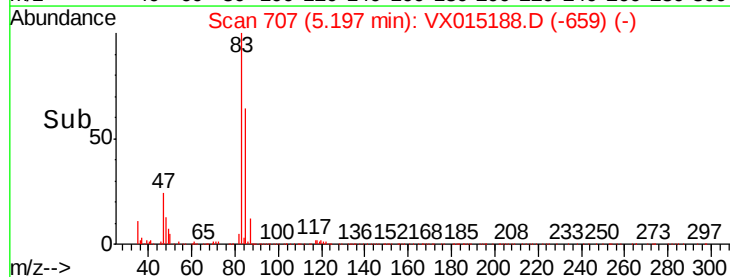
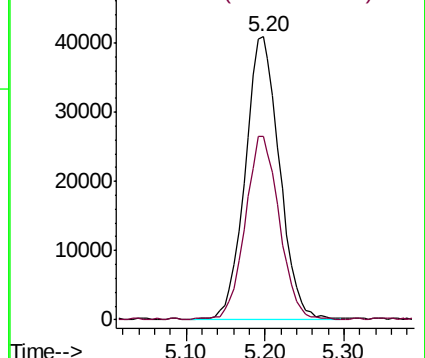
83 100

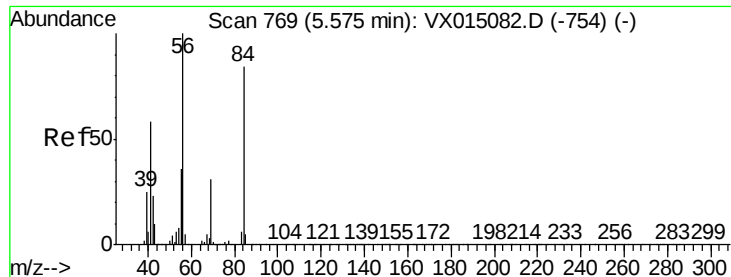
85 64.9 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

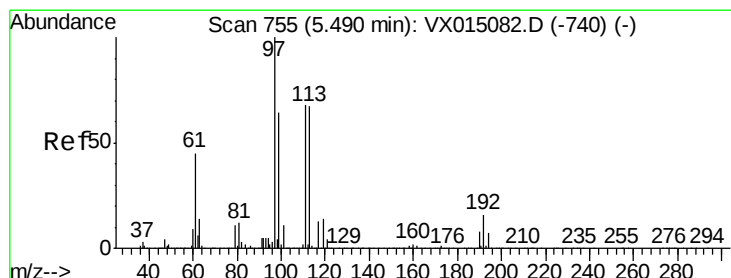
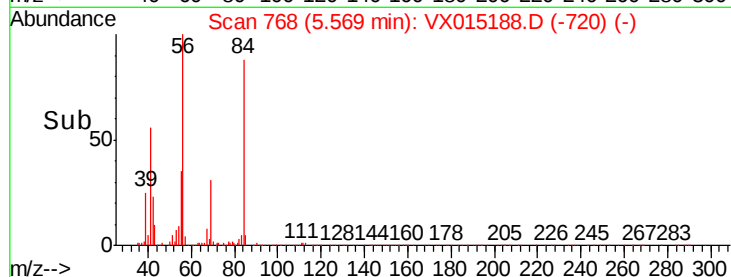
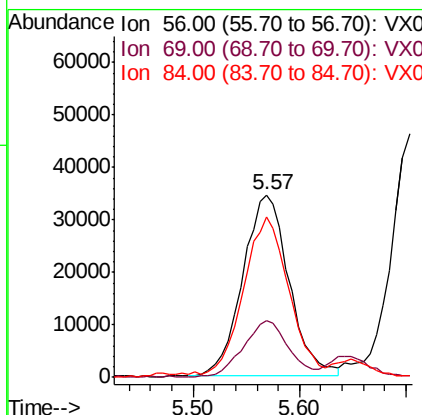
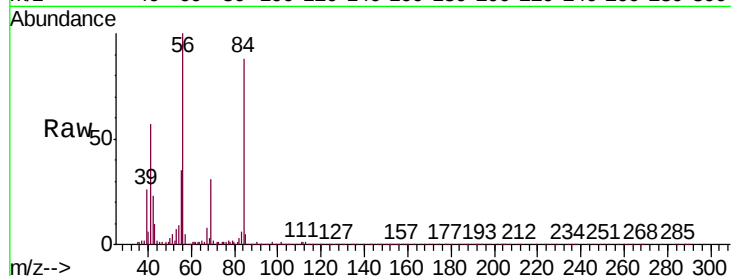




#31
Cyclohexane
Concen: 19.323 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

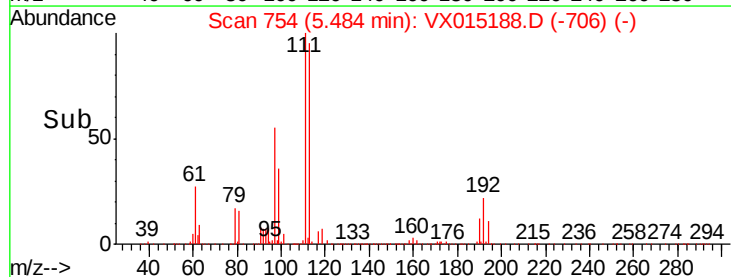
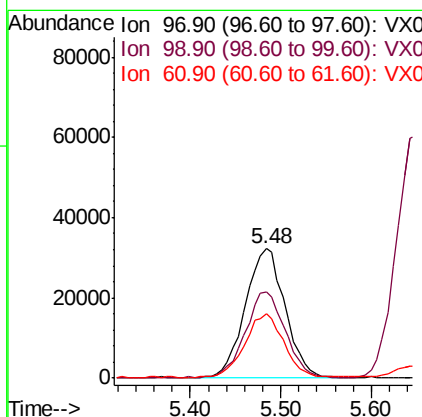
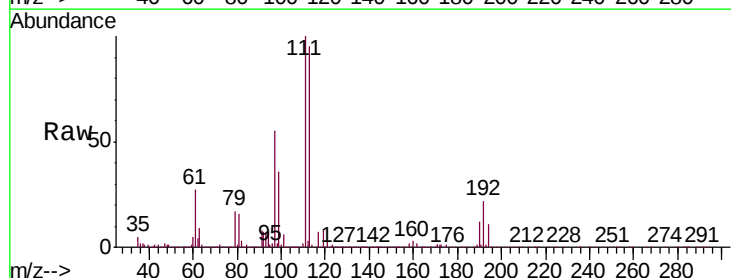
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

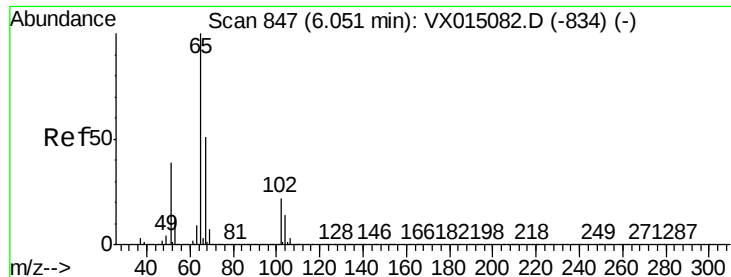
Tgt Ion: 56 Resp: 105411
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.6
84 86.7 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.662 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 97 Resp: 97158
Ion Ratio Lower Upper
97 100
99 66.7 52.8 79.2
61 48.3 36.6 54.8

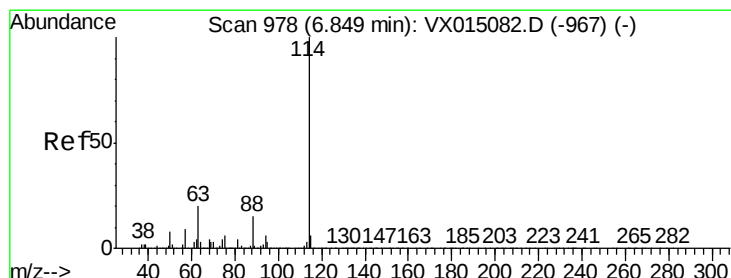
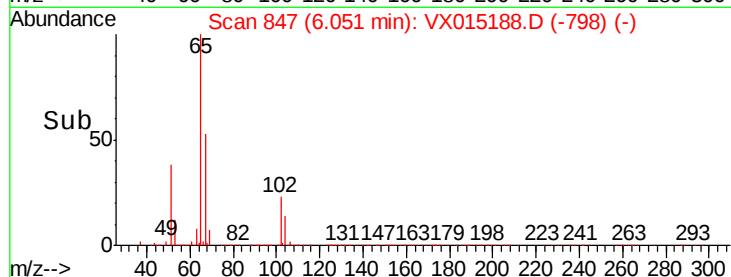
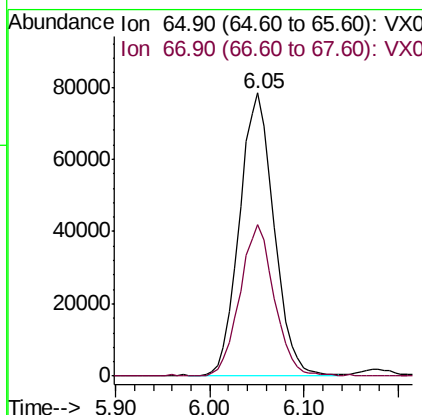
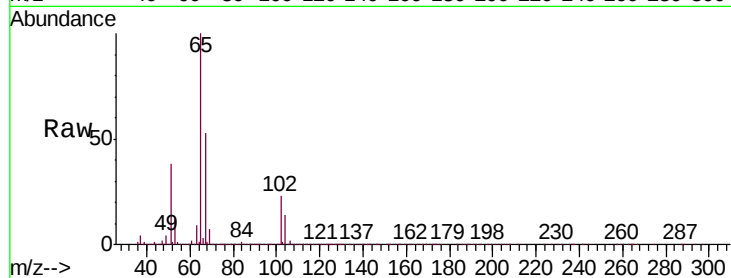




#33
 1,2-Dichloroethane-d4
 Concen: 51.728 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

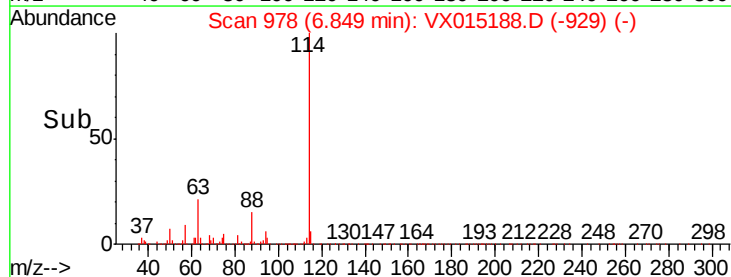
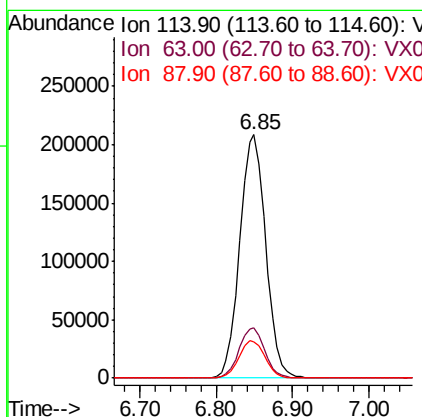
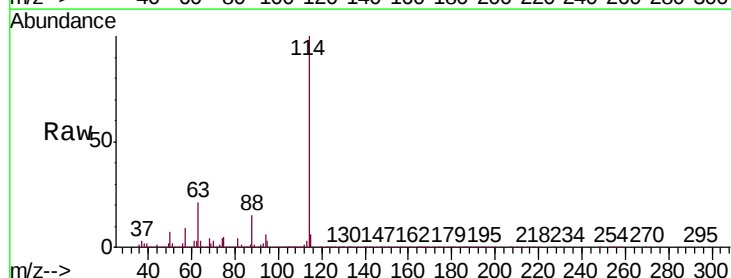
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

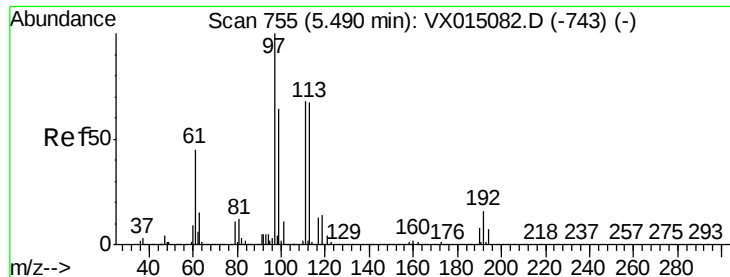
Tgt Ion: 65 Resp: 200325
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion: 114 Resp: 490845
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 14.9 0.0 30.6

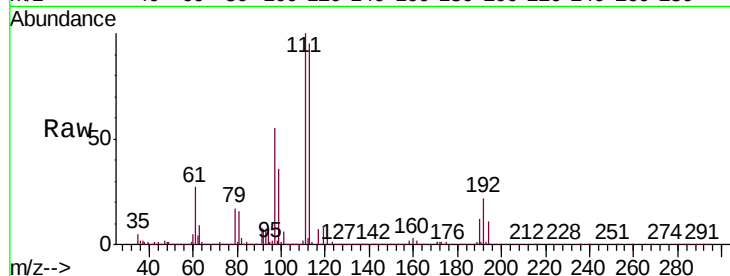




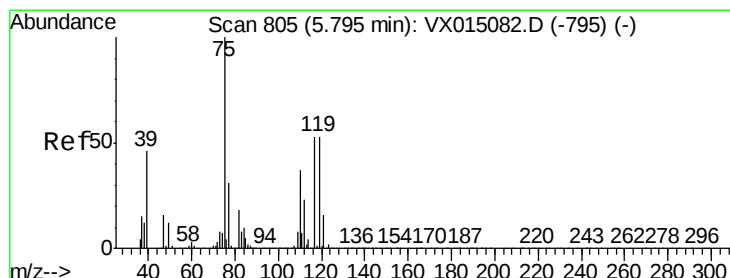
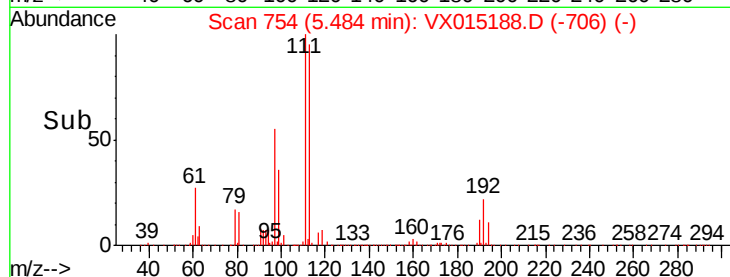
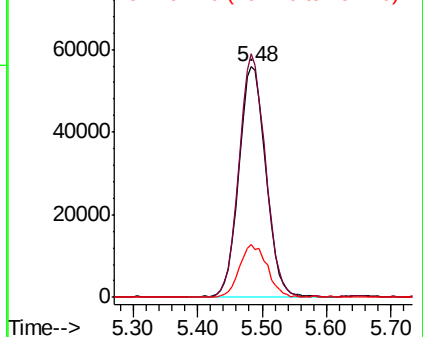
#35
 Dibromofluoromethane
 Concen: 51.750 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	23.6	18.6	28.0

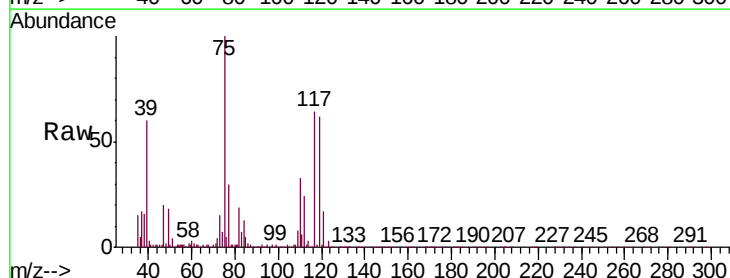


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

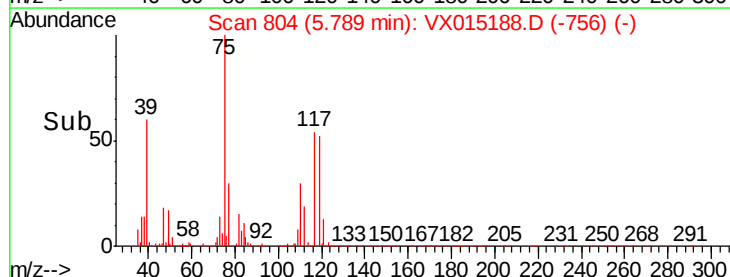
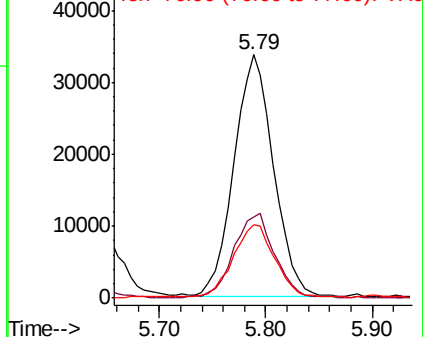


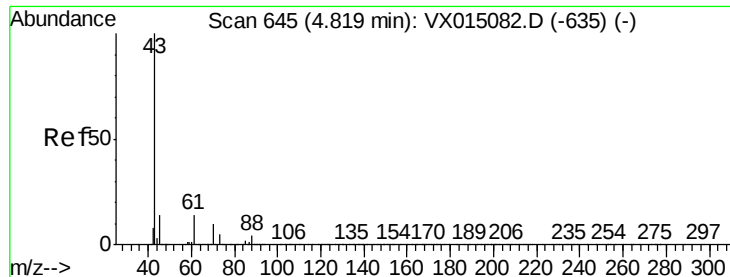
#36
 1,1-Dichloropropene
 Concen: 19.321 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.9	53.8
77	31.0	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

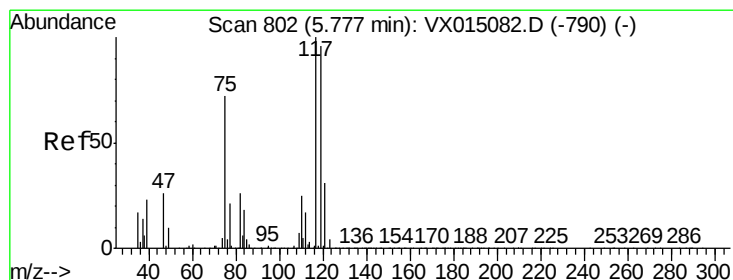
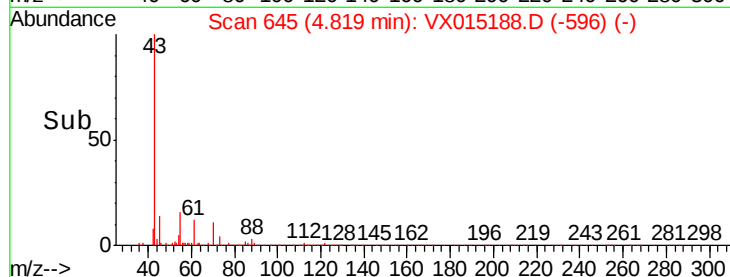
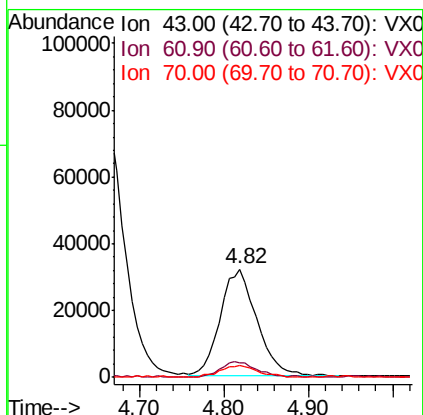
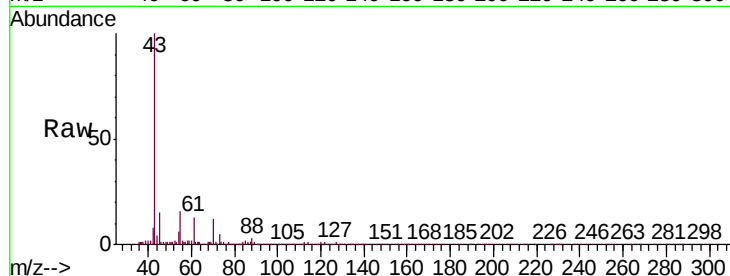




#37
Ethyl Acetate
Concen: 22.690 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

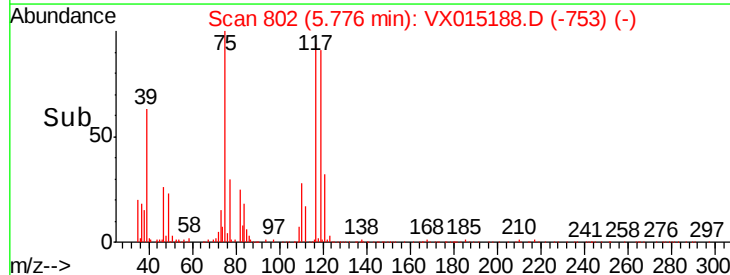
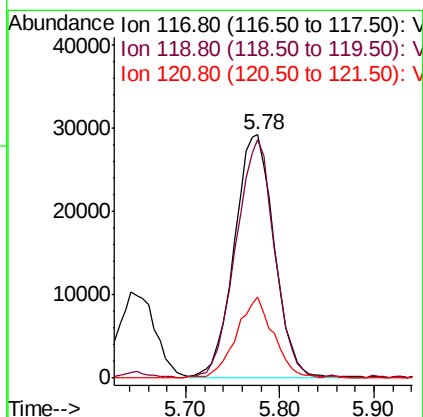
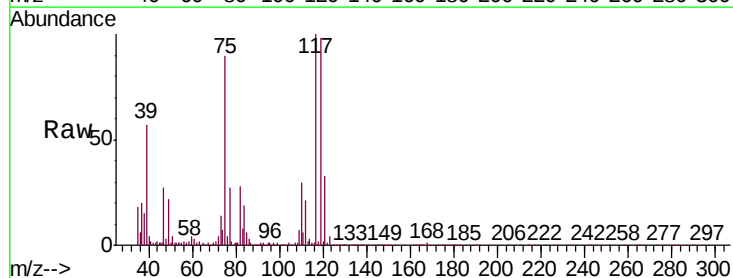
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

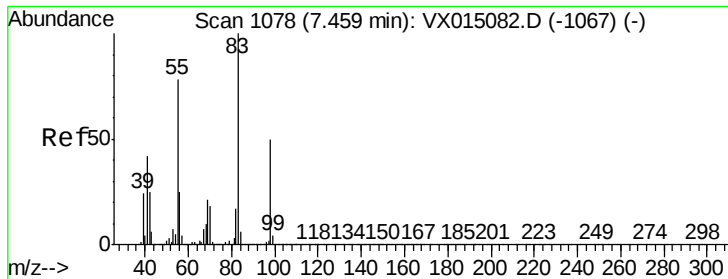
Tgt Ion:	43	Resp:	95508
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	12.0	8.1	12.1



#38
Carbon Tetrachloride
Concen: 20.287 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion:	117	Resp:	86892
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.9	115.3
121	32.6	24.6	37.0

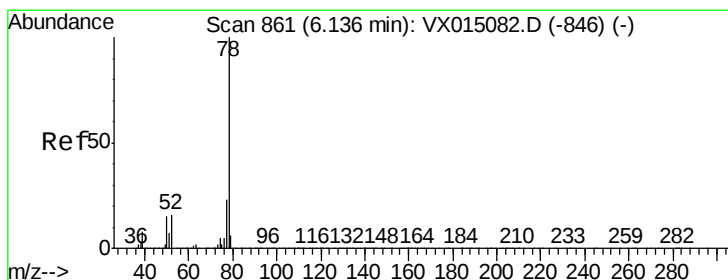
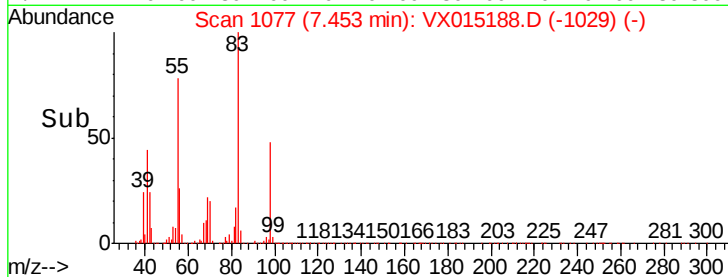
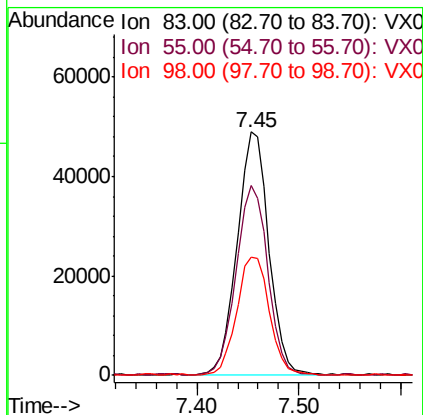
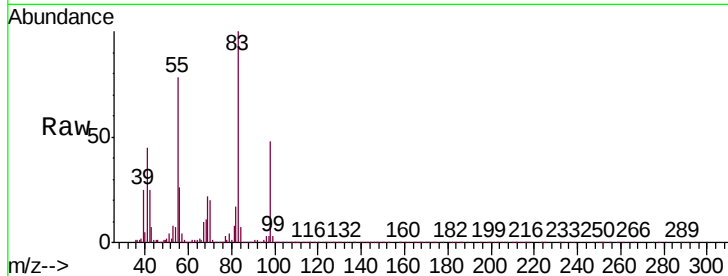




#39
Methylcyclohexane
Concen: 19.991 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

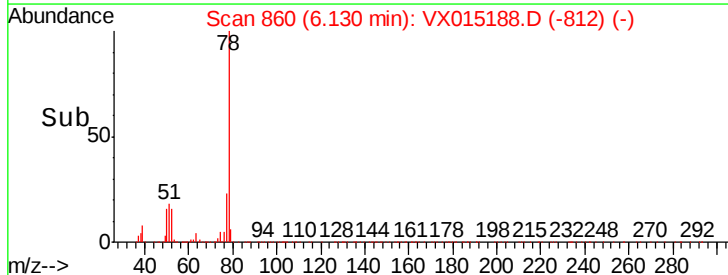
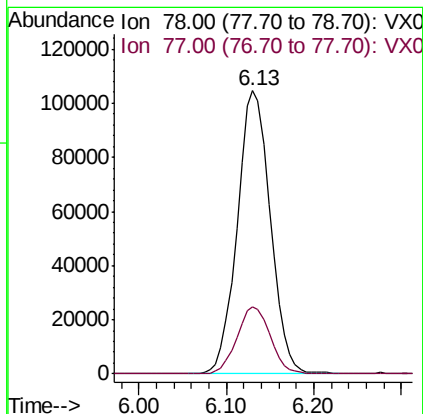
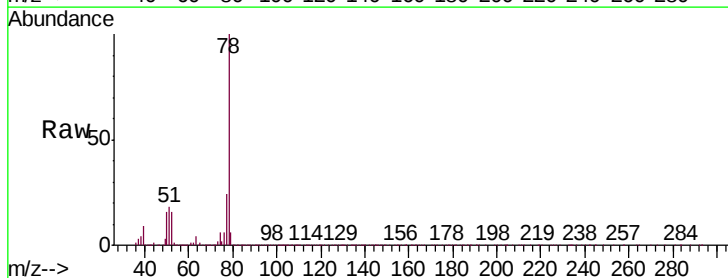
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

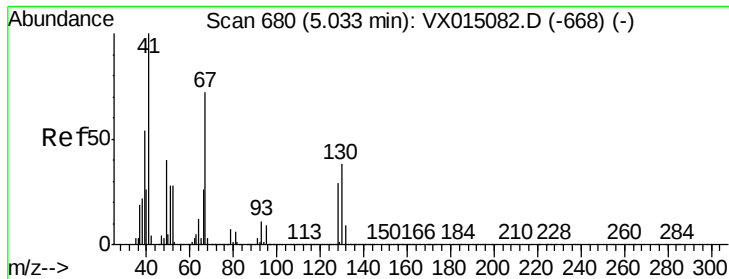
Tgt Ion: 83 Resp: 105922
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 48.1 39.7 59.5



#40
Benzene
Concen: 20.352 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 78 Resp: 273996
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0





#41

Methacrylonitrile

Concen: 21.304 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 41 Resp: 53861

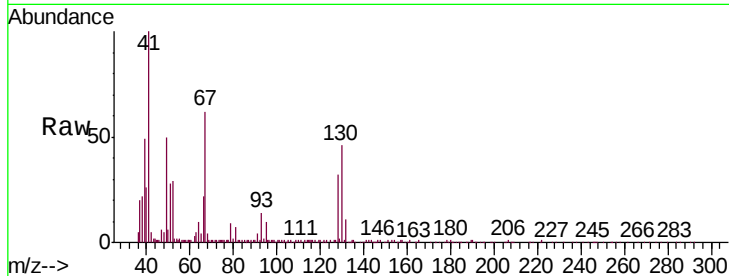
Ion Ratio Lower Upper

41 100

39 53.4 43.9 65.9

67 68.3 57.8 86.8

52 28.3 22.6 34.0

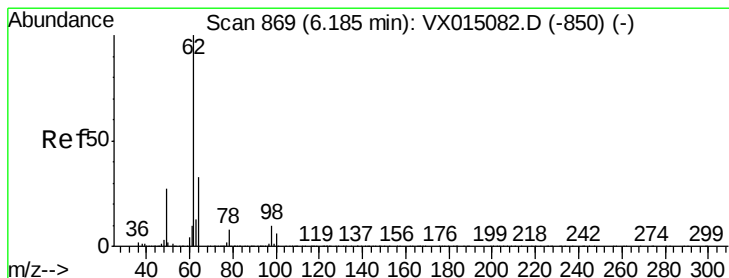
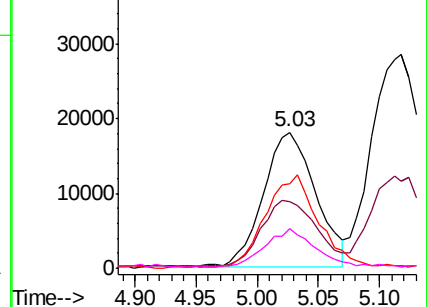
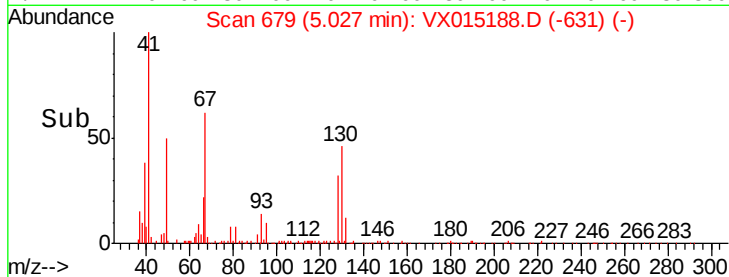


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.813 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015188.D

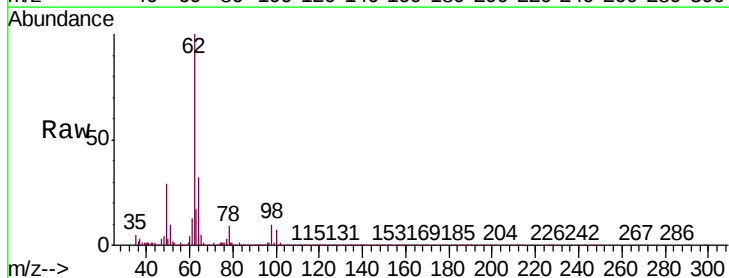
Acq: 11 Mar 2020 10:30

Tgt Ion: 62 Resp: 100847

Ion Ratio Lower Upper

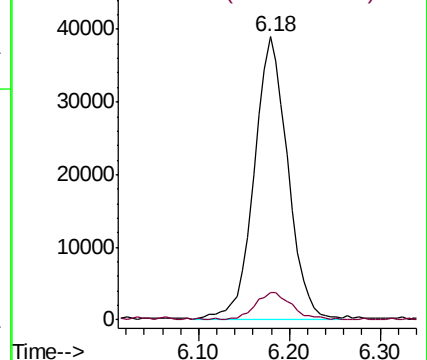
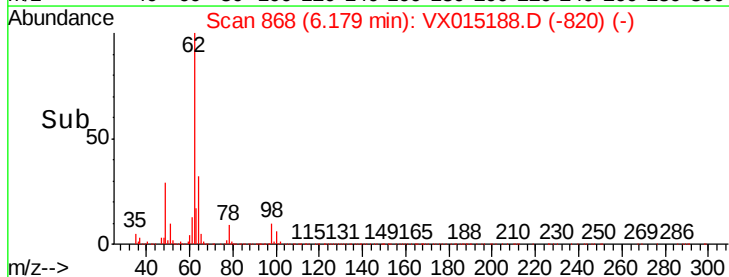
62 100

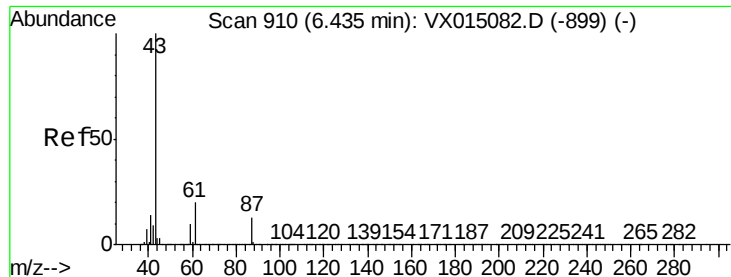
98 10.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.826 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

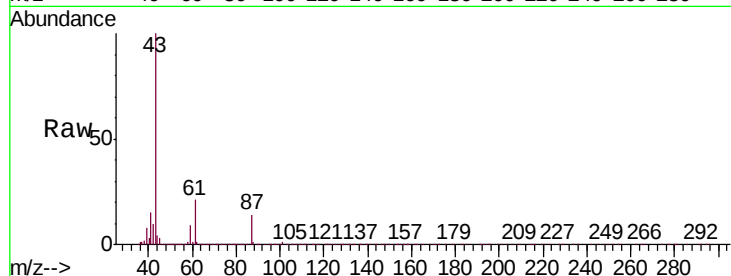
Tgt Ion: 43 Resp: 154214

Ion Ratio Lower Upper

43 100

61 19.4 16.1 24.1

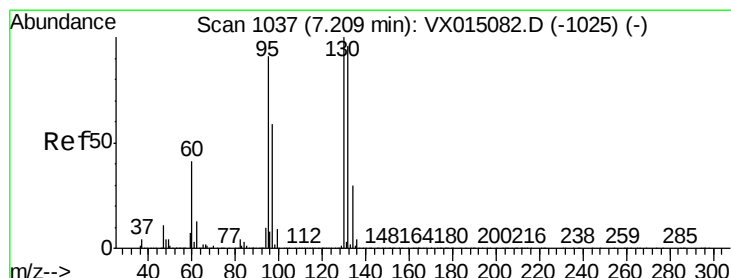
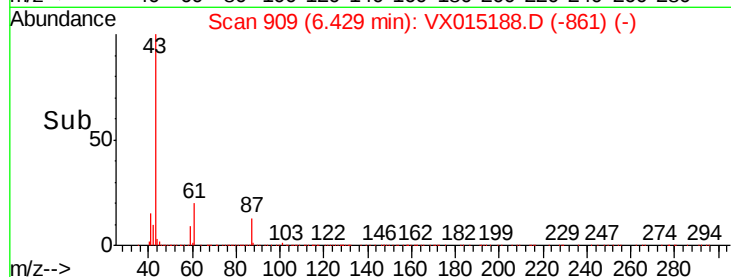
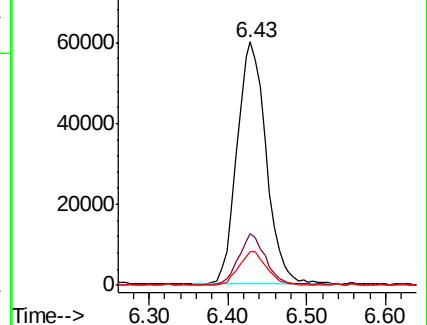
87 13.1 10.6 16.0



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: 19.811 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015188.D

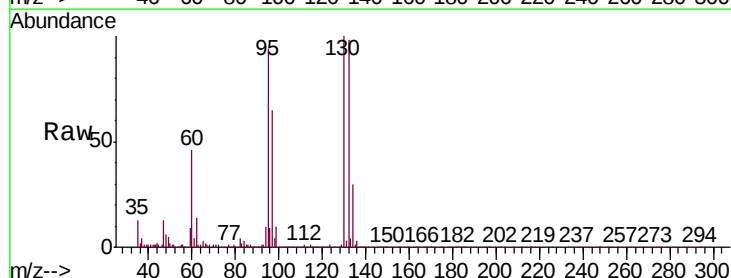
Acq: 11 Mar 2020 10:30

Tgt Ion: 130 Resp: 74276

Ion Ratio Lower Upper

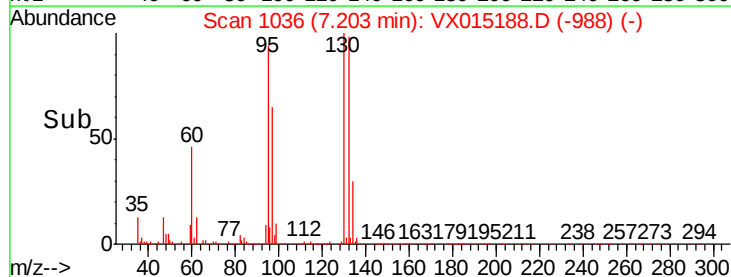
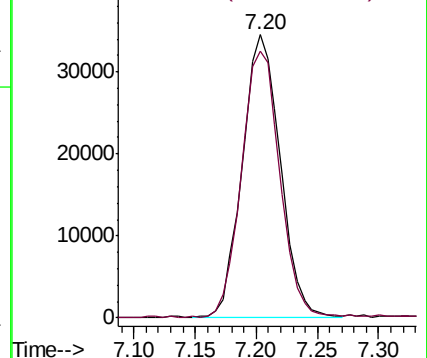
130 100

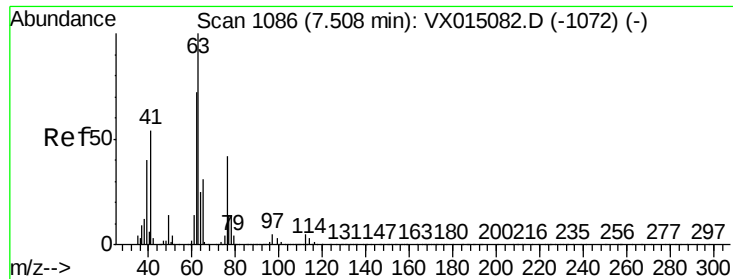
95 93.7 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

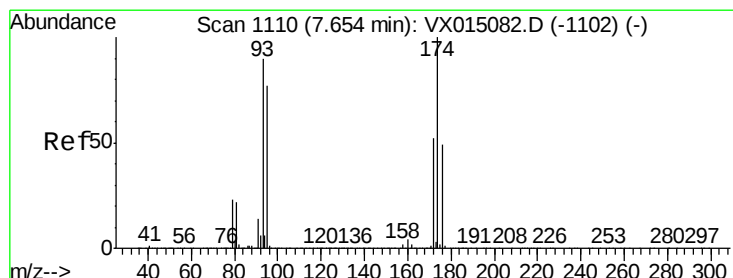
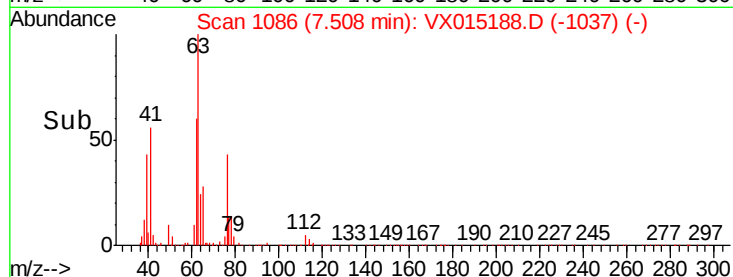
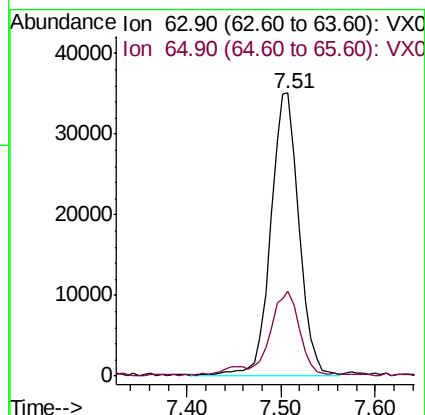
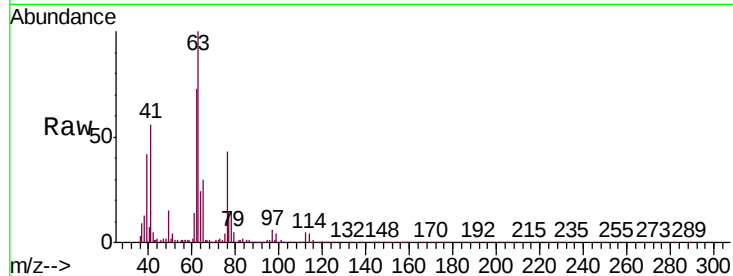




#45
 1,2-Dichloropropane
 Concen: 20.969 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

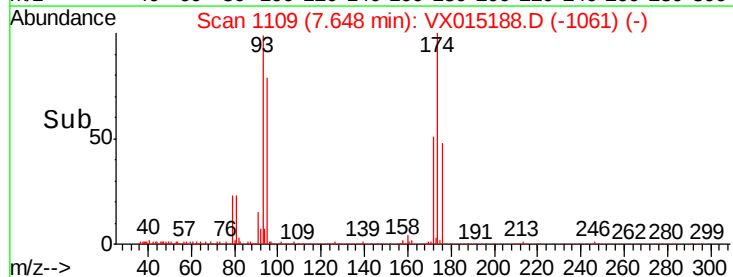
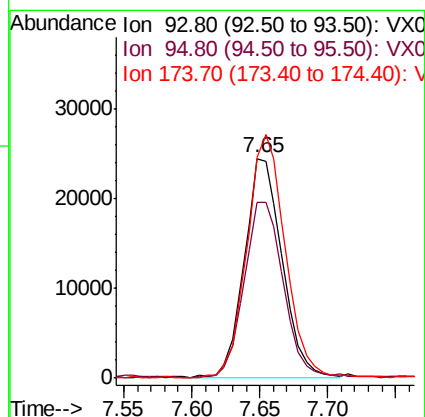
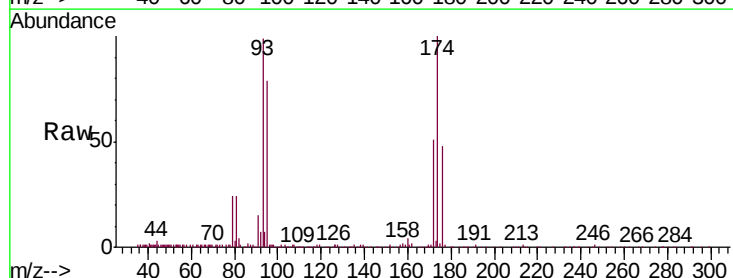
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

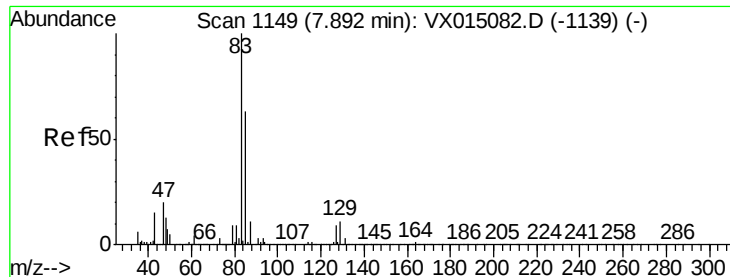
Tgt Ion: 63 Resp: 73071
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.6 36.8



#46
 Dibromomethane
 Concen: 21.015 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion: 93 Resp: 47716
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.8 101.8
 174 112.9 91.0 136.4





#47

Bromodichloromethane

Concen: 20.711 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

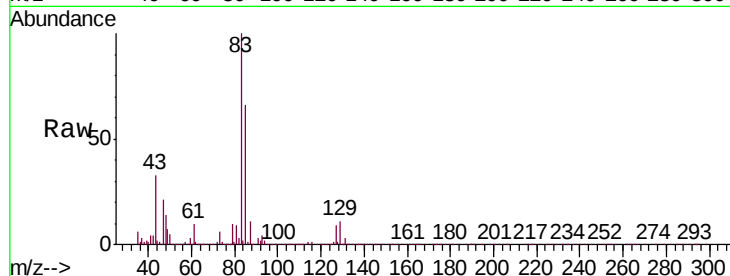
Tgt Ion: 83 Resp: 92994

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

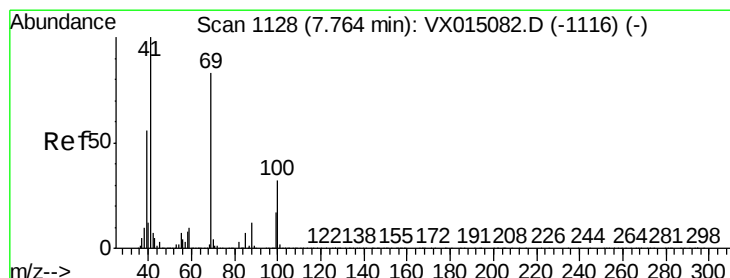
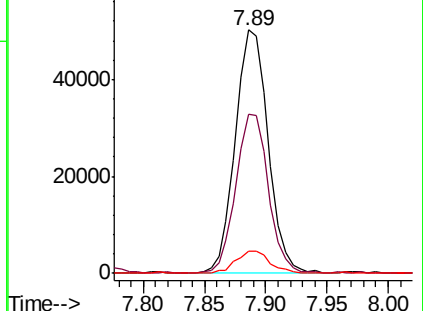
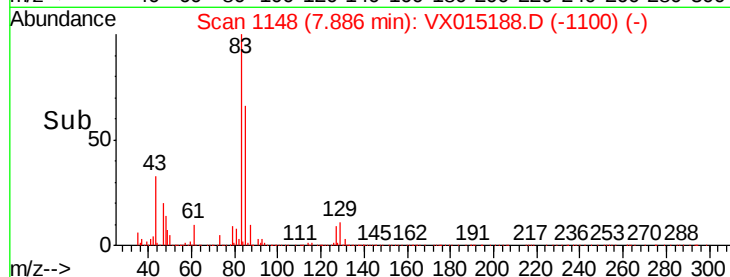
127 9.2 7.1 10.7



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: 19.935 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

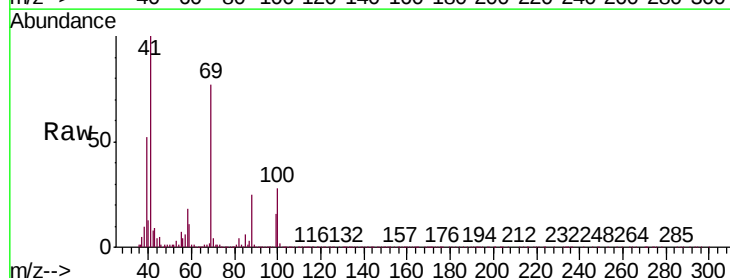
Tgt Ion: 41 Resp: 75130

Ion Ratio Lower Upper

41 100

69 81.8 65.4 98.2

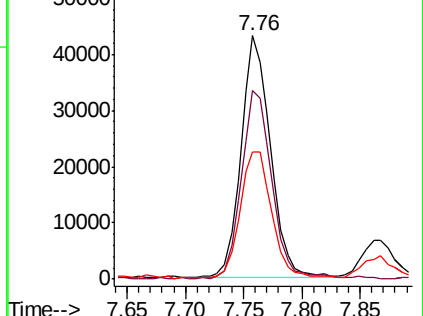
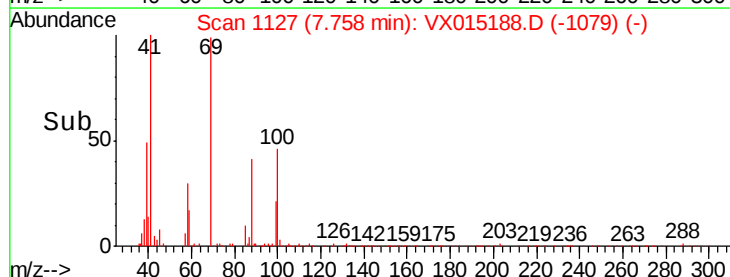
39 56.3 44.6 67.0

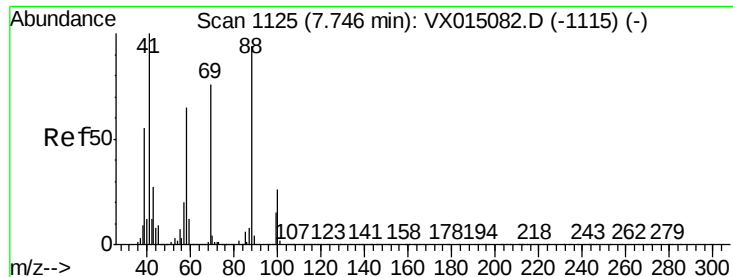


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

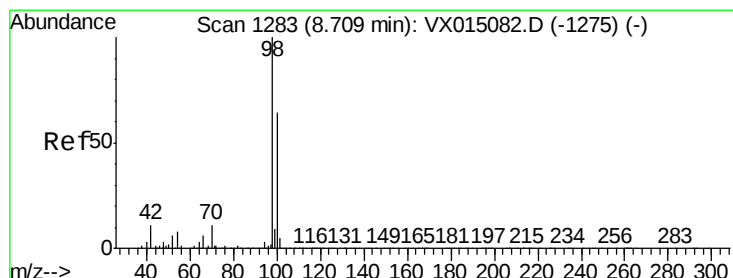
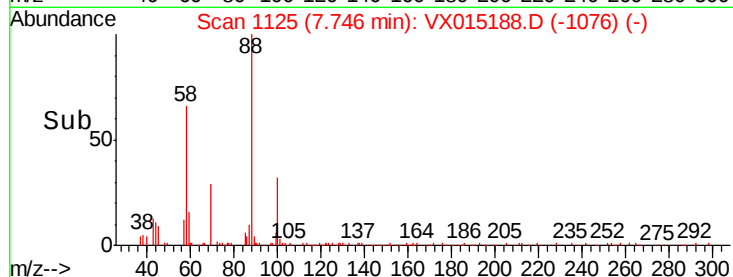
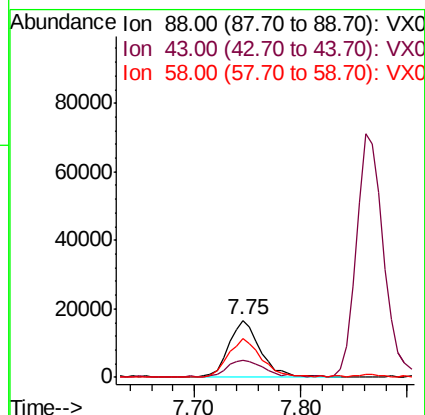
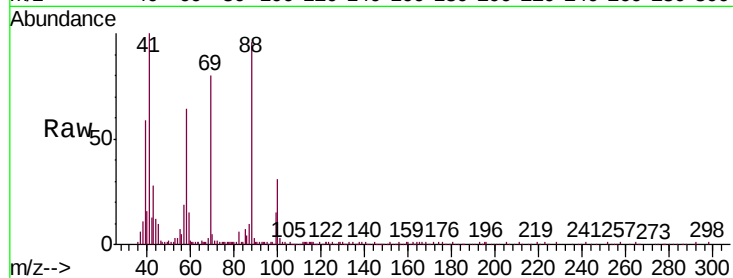




#49
1,4-Dioxane
Concen: 411.257 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

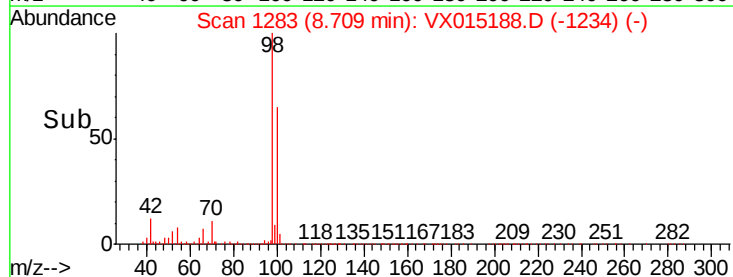
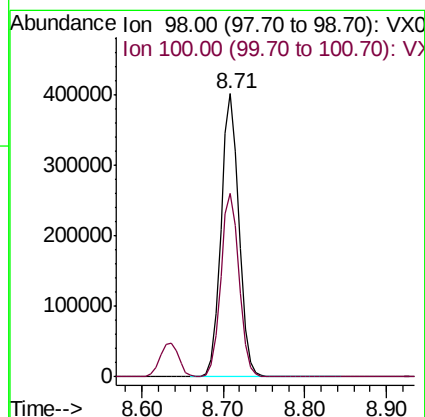
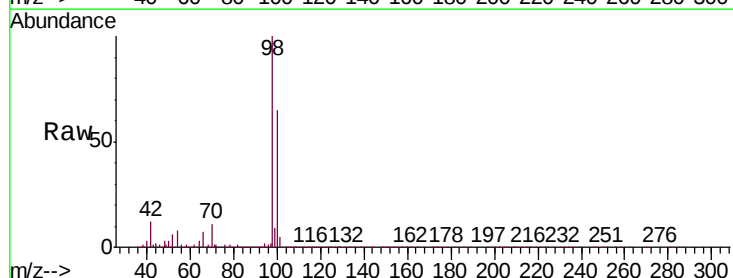
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

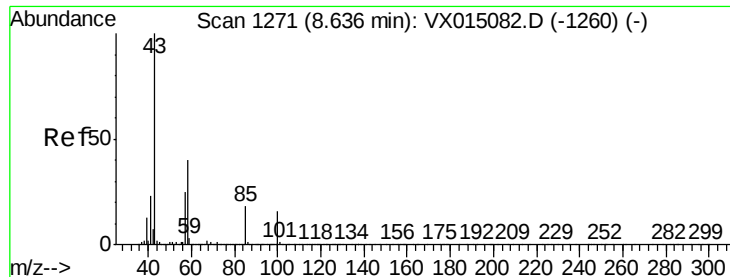
Tgt Ion: 88 Resp: 33511
Ion Ratio Lower Upper
88 100
43 38.5 27.0 40.4
58 74.3 55.6 83.4



#50
Toluene-d8
Concen: 52.057 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 98 Resp: 613183
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

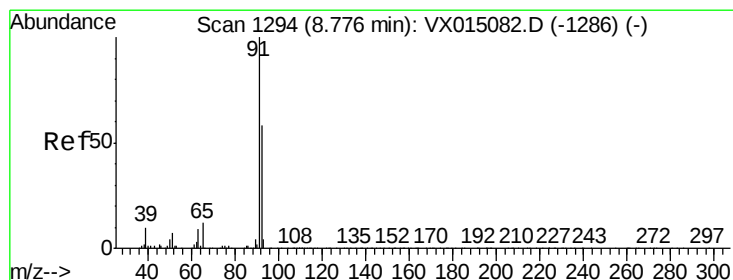
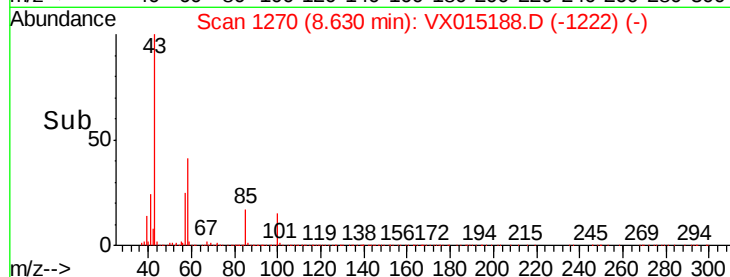
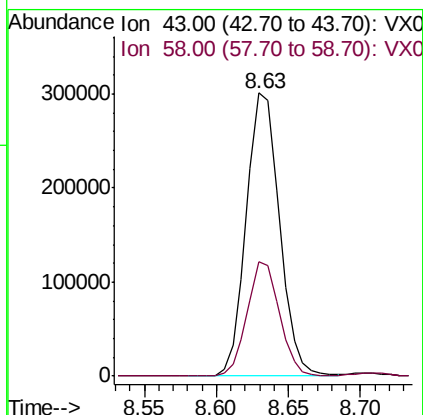
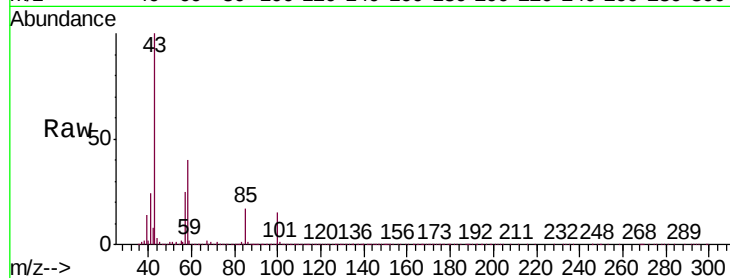




#51
4-Methyl-2-Pentanone
Concen: 109.546 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

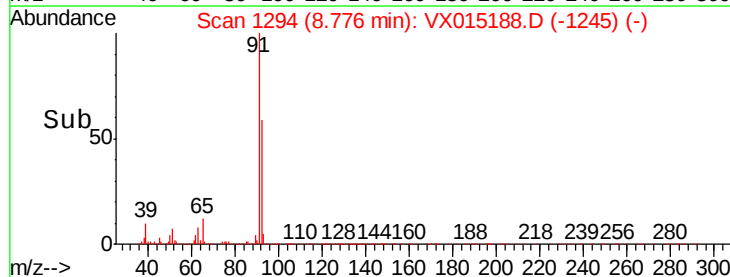
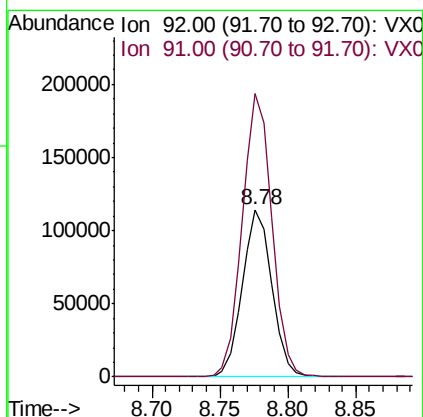
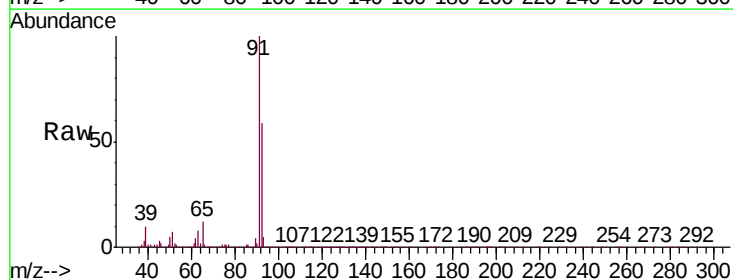
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

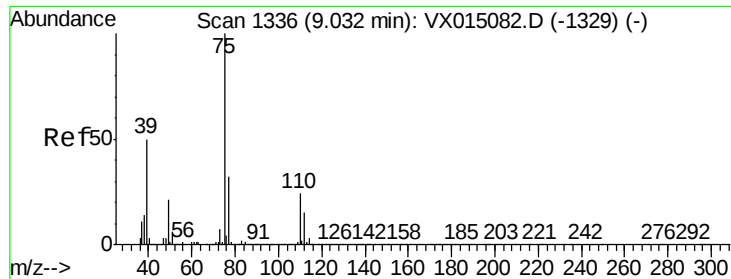
Tgt Ion: 43 Resp: 479603
Ion Ratio Lower Upper
43 100
58 39.4 31.6 47.4



#52
Toluene
Concen: 21.019 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 92 Resp: 173017
Ion Ratio Lower Upper
92 100
91 170.8 136.9 205.3

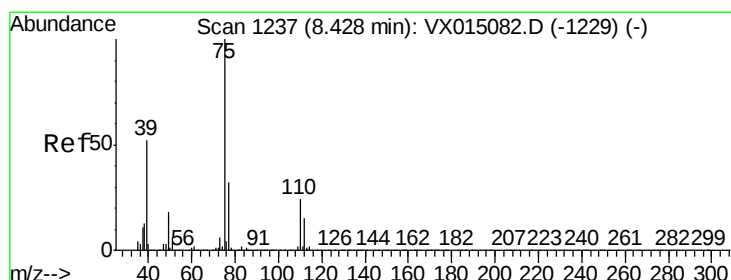
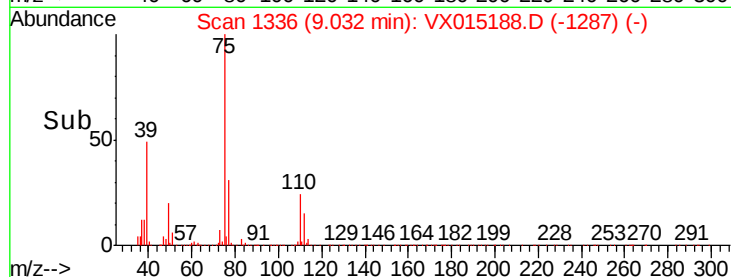
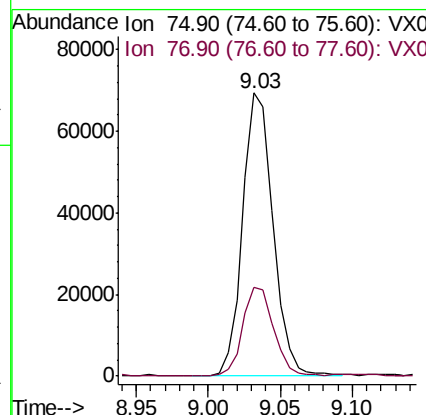
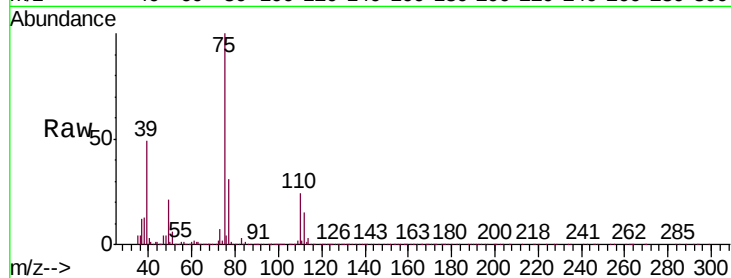




#53
t-1,3-Dichloropropene
Concen: 21.281 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

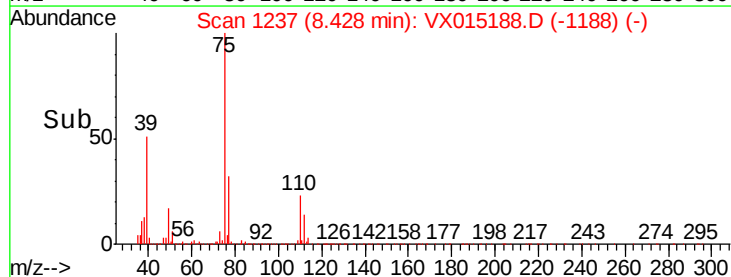
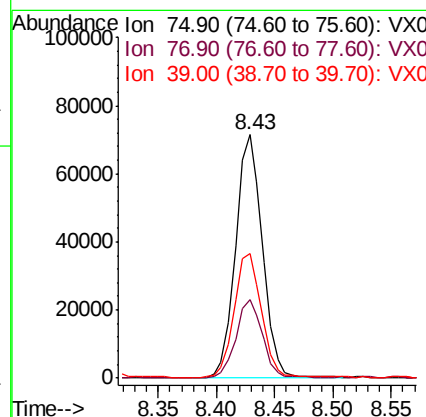
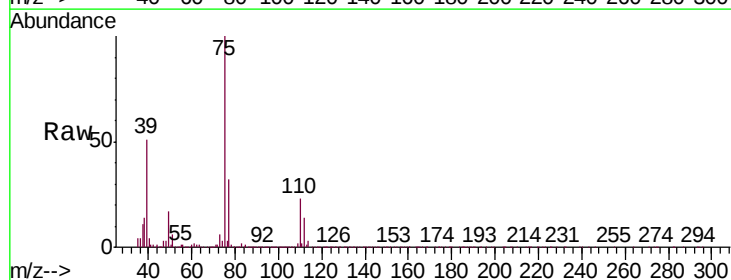
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

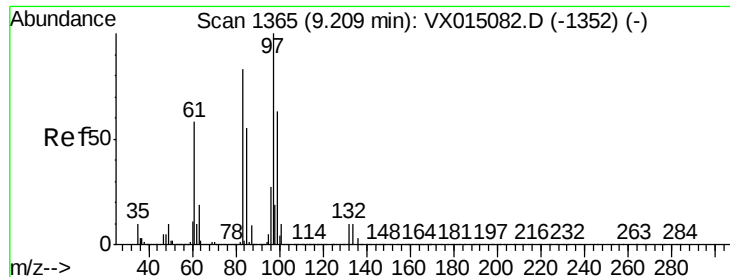
Tgt Ion: 75 Resp: 101707
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.095 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 75 Resp: 113973
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
39 50.7 41.3 61.9

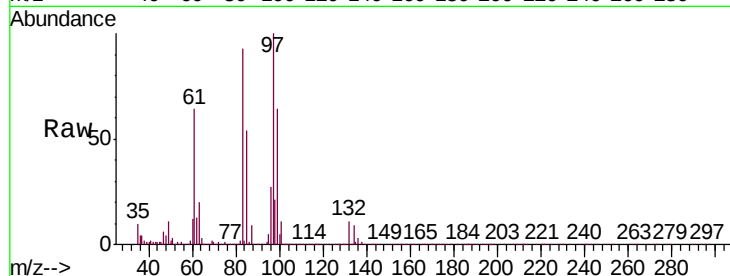




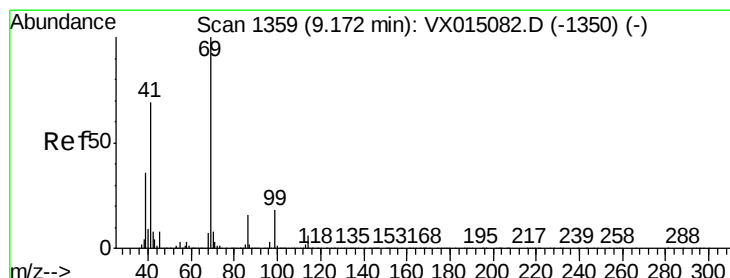
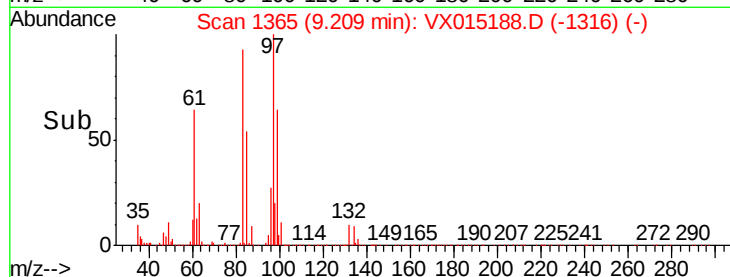
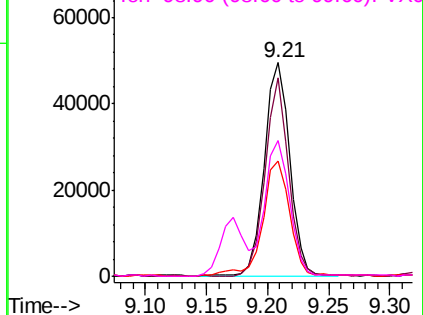
#55
 1,1,2-Trichloroethane
 Concen: 21.230 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion:	97	Resp:	71930
Ion	Ratio	Lower	Upper
97	100		
83	92.8	66.4	99.6
85	53.7	43.5	65.3
99	63.7	50.7	76.1

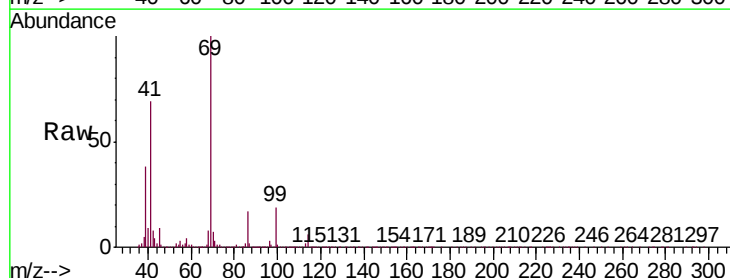


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

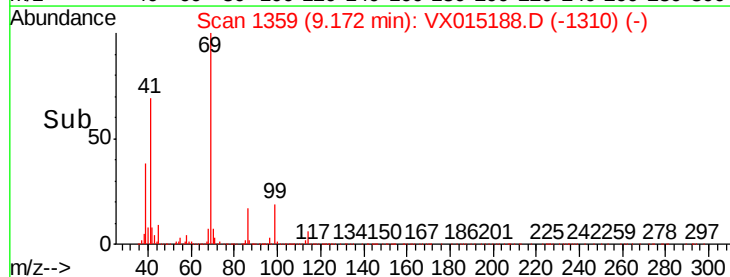
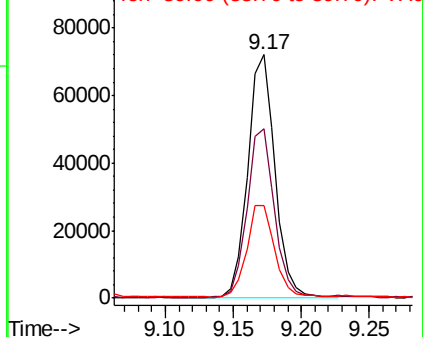


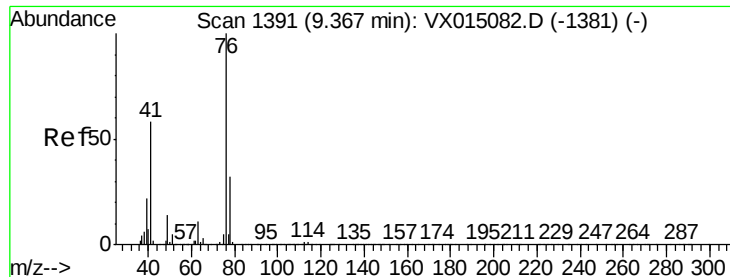
#56
 Ethyl methacrylate
 Concen: 20.869 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion:	69	Resp:	100852
Ion	Ratio	Lower	Upper
69	100		
41	70.3	55.8	83.8
39	38.9	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: 21.594 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

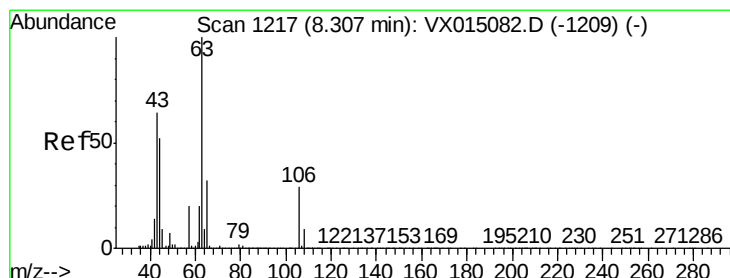
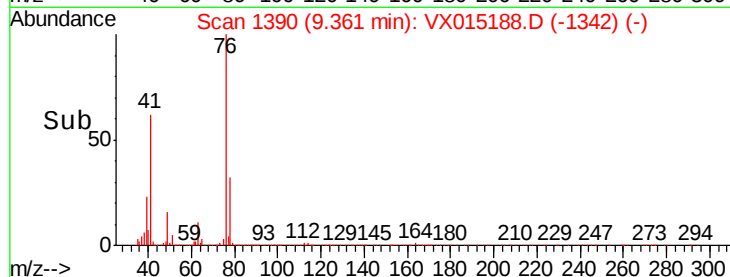
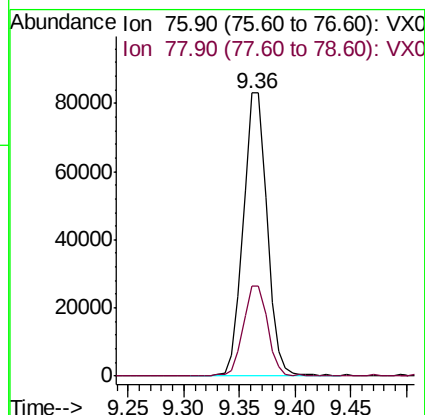
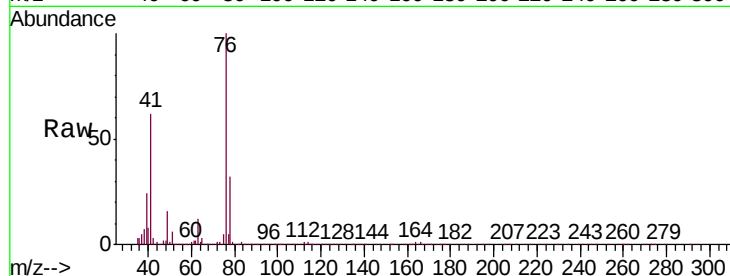
VX0311WBSD01

Tgt Ion: 76 Resp: 123085

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.270 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015188.D

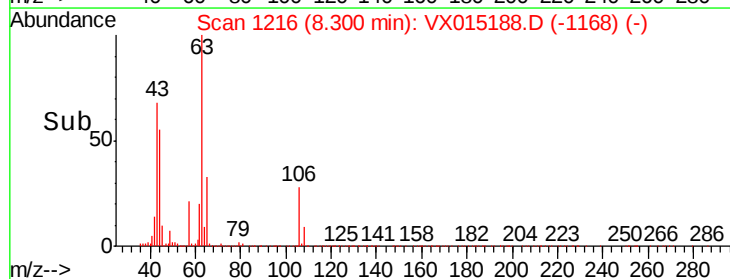
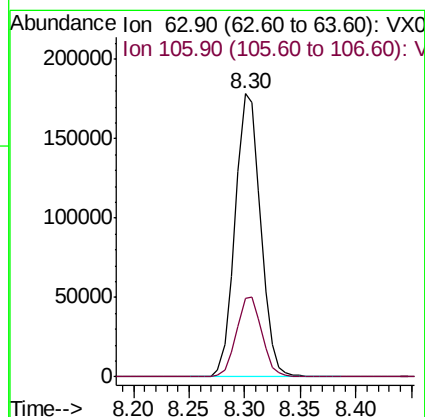
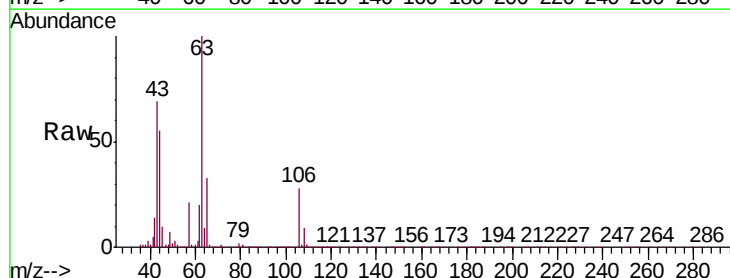
Acq: 11 Mar 2020 10:30

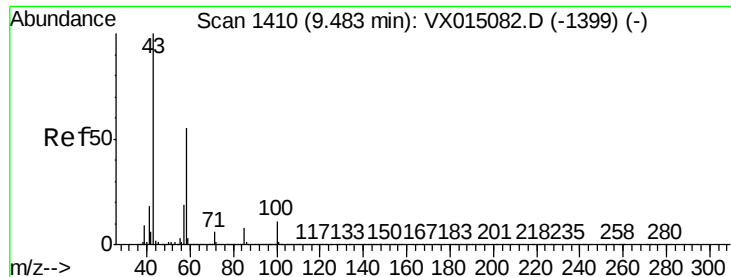
Tgt Ion: 63 Resp: 282409

Ion Ratio Lower Upper

63 100

106 28.2 22.8 34.2





#59

2-Hexanone

Concen: 109.807 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

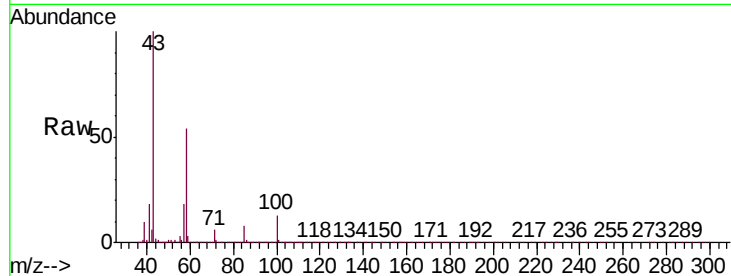
VX0311WBSD01

Tgt Ion: 43 Resp: 356322

Ion Ratio Lower Upper

43 100

58 54.3 27.3 81.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

250000

200000

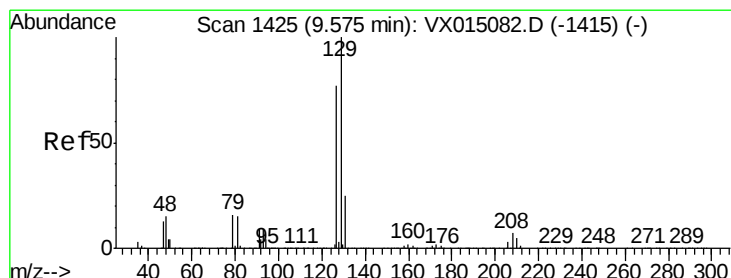
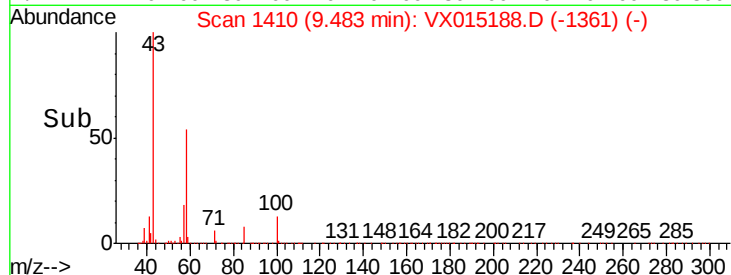
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 21.232 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015188.D

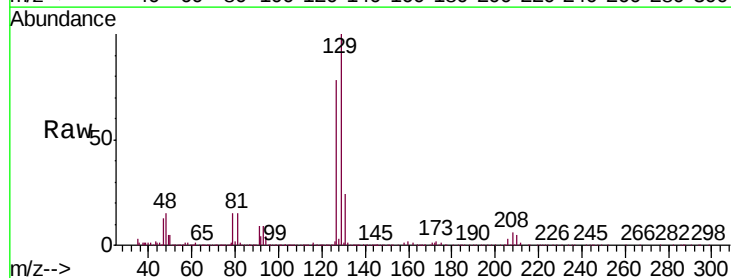
Acq: 11 Mar 2020 10:30

Tgt Ion: 129 Resp: 75565

Ion Ratio Lower Upper

129 100

127 76.1 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

60000

50000

40000

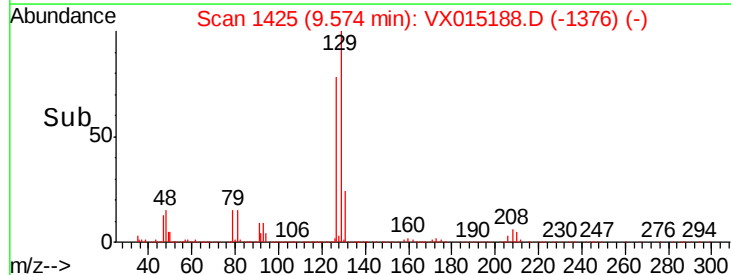
30000

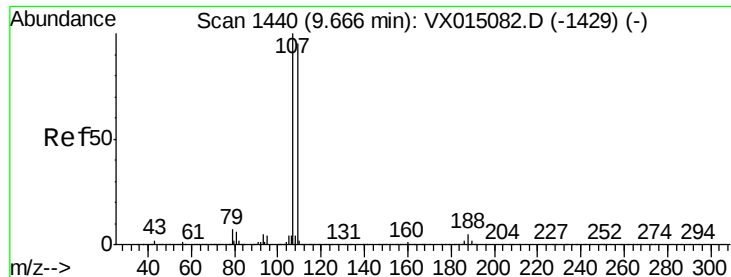
20000

10000

0

Time-->





#61

1,2-Dibromoethane

Concen: 21.308 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

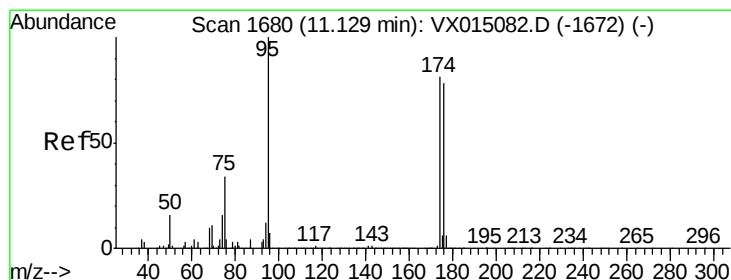
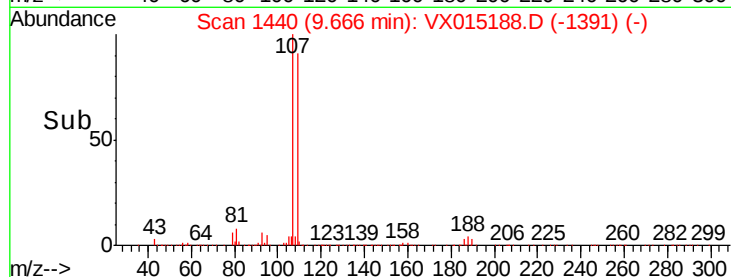
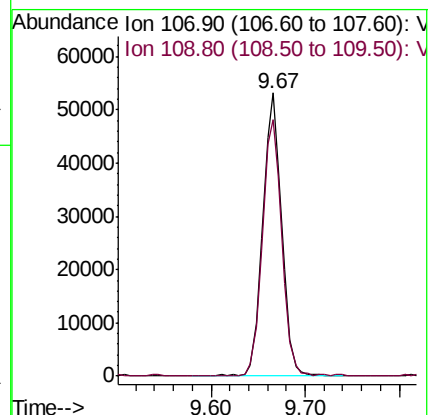
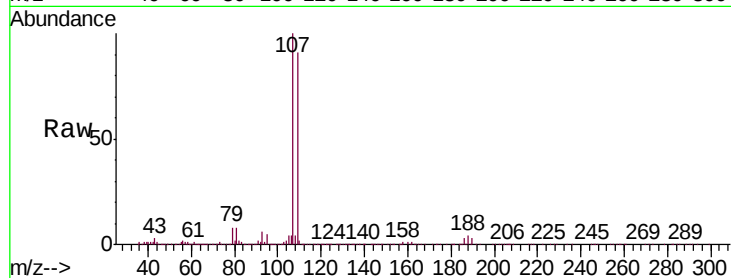
VX0311WBSD01

Tgt Ion: 107 Resp: 75826

Ion Ratio Lower Upper

107 100

109 92.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.227 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

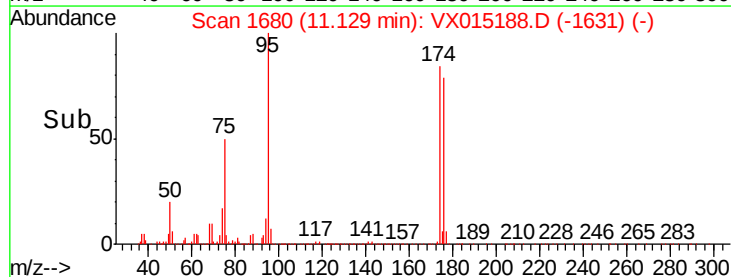
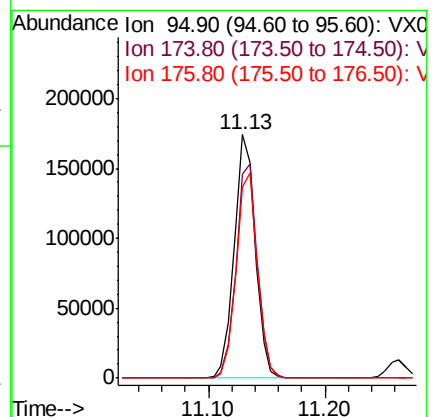
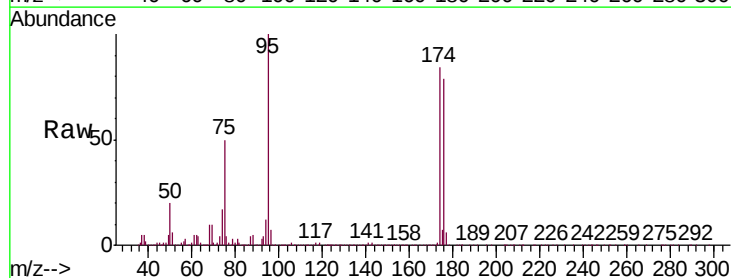
Tgt Ion: 95 Resp: 219429

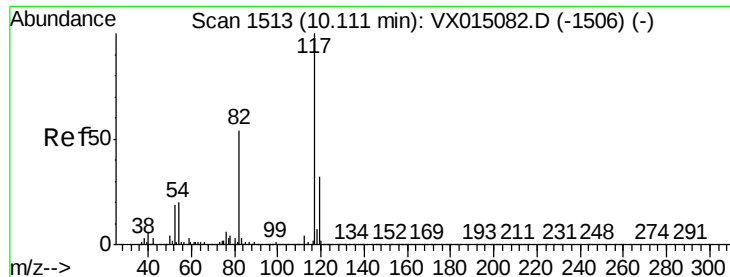
Ion Ratio Lower Upper

95 100

174 89.6 0.0 177.6

176 85.7 0.0 170.2

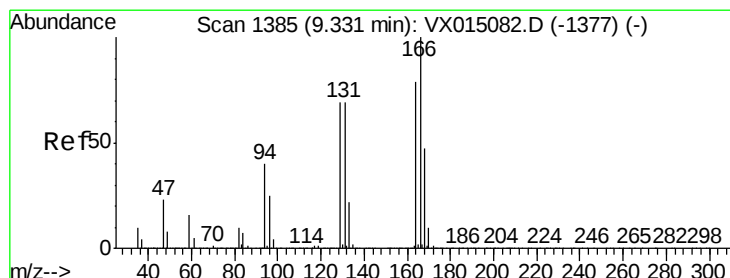
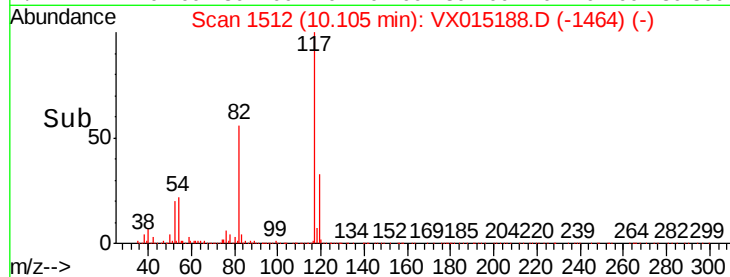
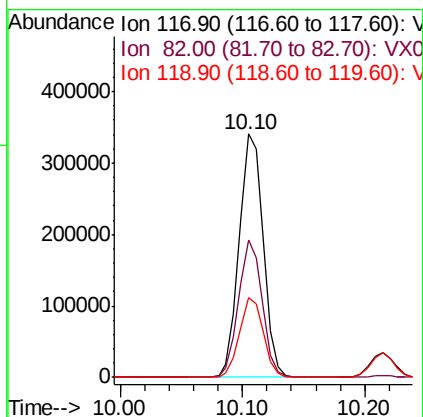
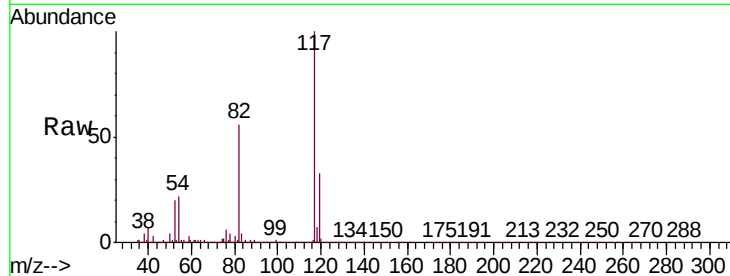




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

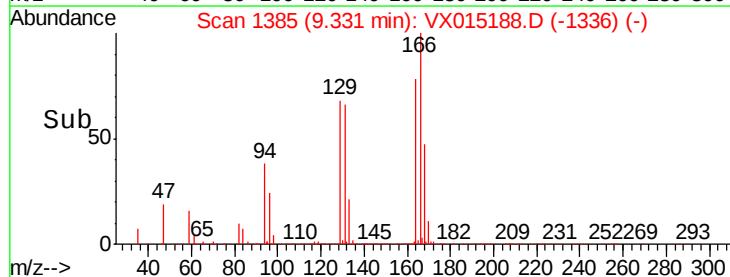
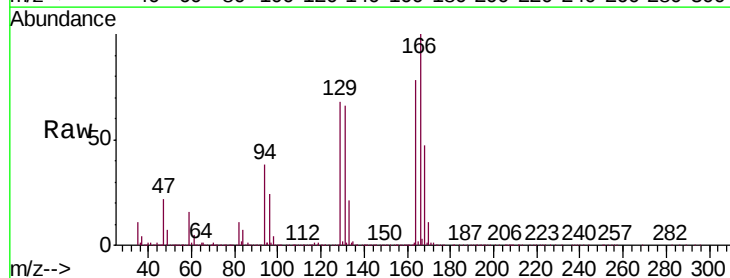
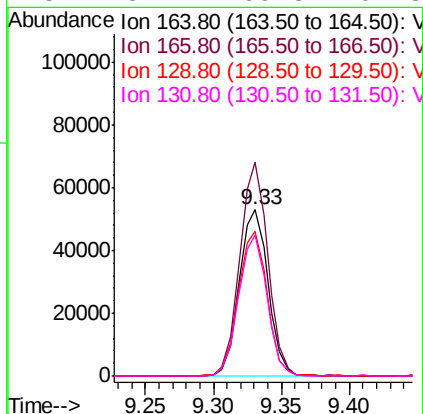
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

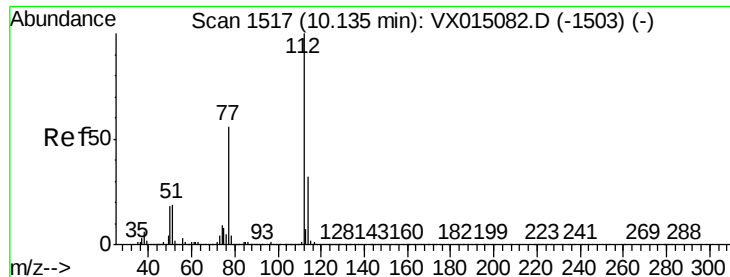
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 20.516 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.1	151.7
129	87.1	69.4	104.0
131	84.7	69.8	104.8





#65

Chlorobenzene

Concen: 20.239 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

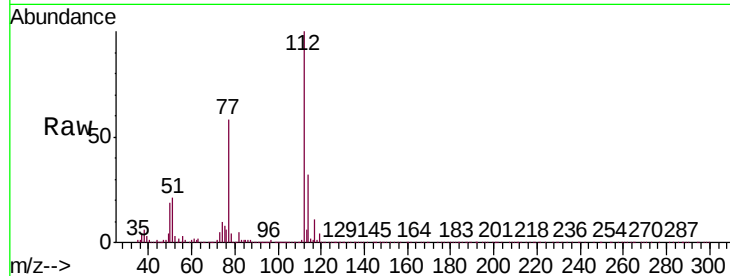
VX0311WBSD01

Tgt Ion:112 Resp: 187153

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

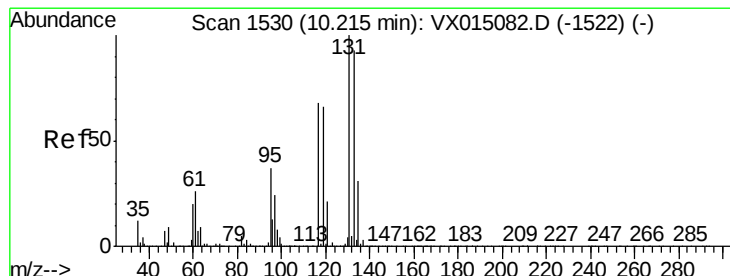
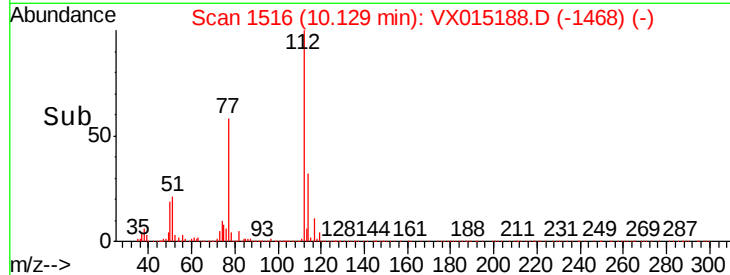
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.993 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

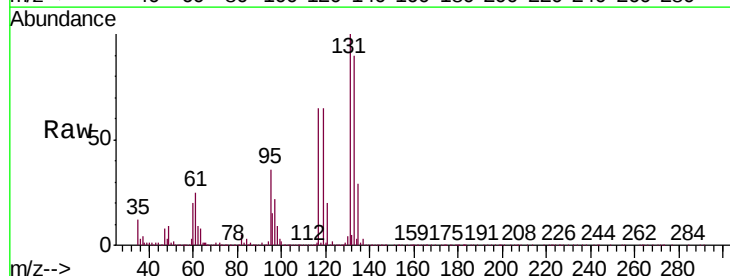
Tgt Ion:131 Resp: 69715

Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.5

119 65.5 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

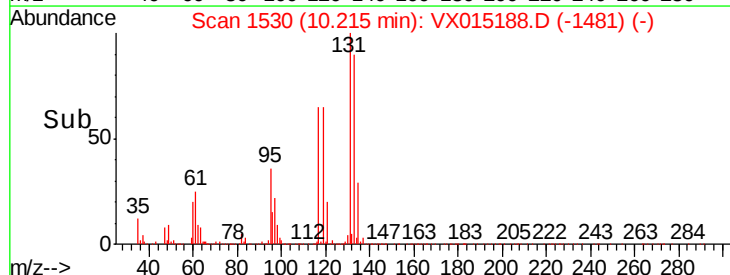
Ion 118.80 (118.50 to 119.50): V

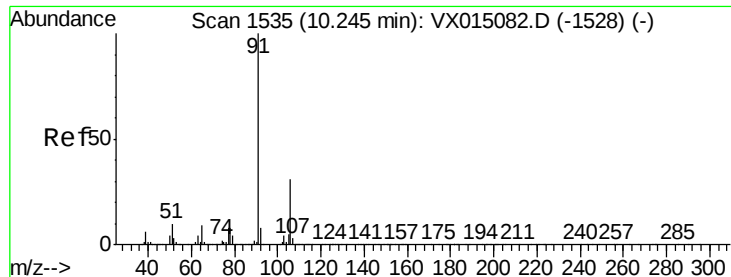
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.356 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

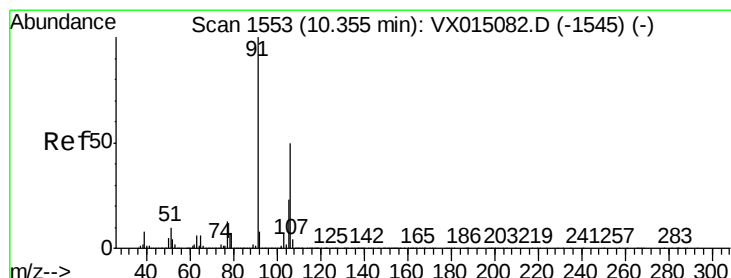
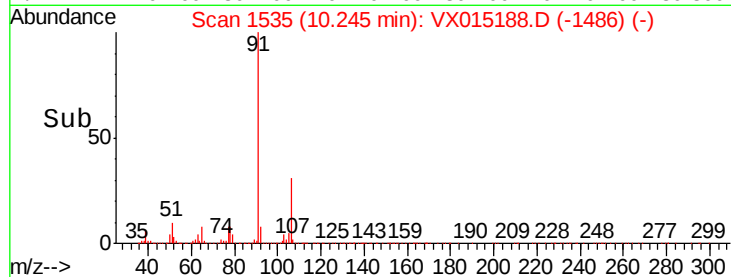
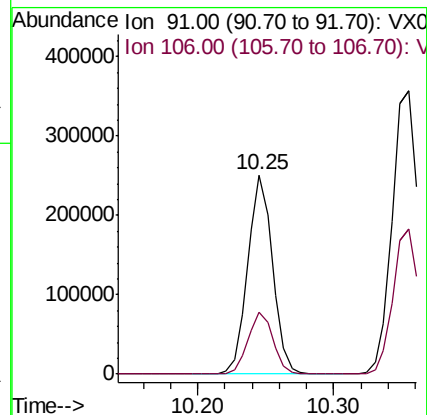
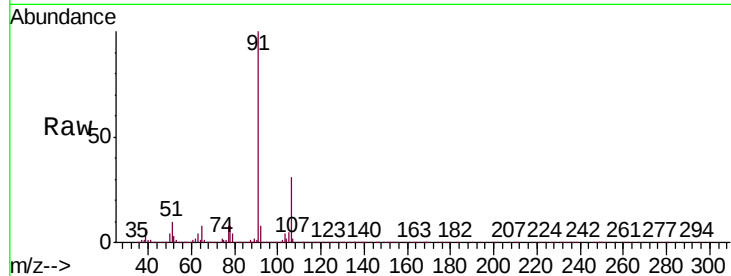
VX0311WBSD01

Tgt Ion: 91 Resp: 319642

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 41.254 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015188.D

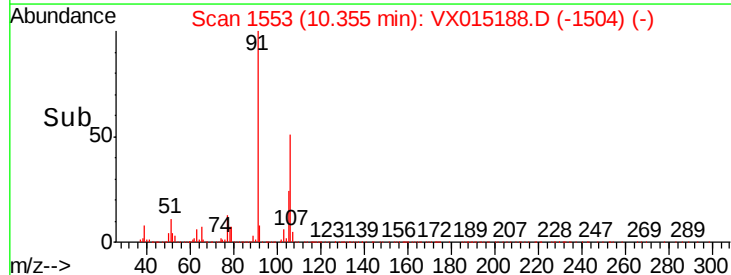
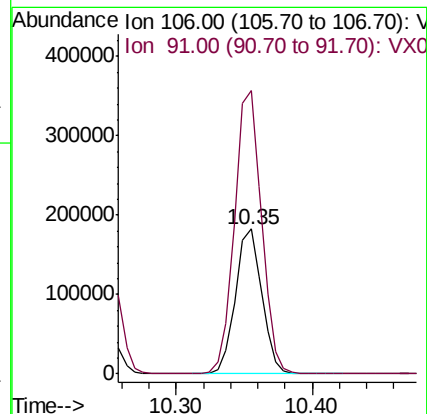
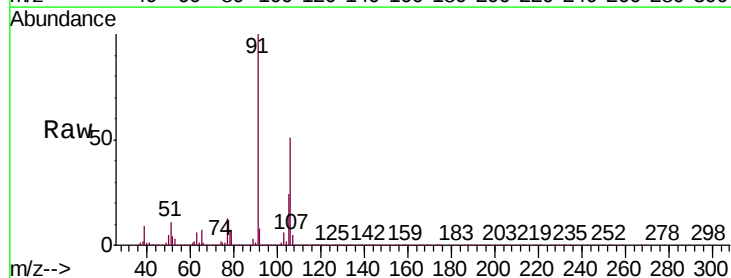
Acq: 11 Mar 2020 10:30

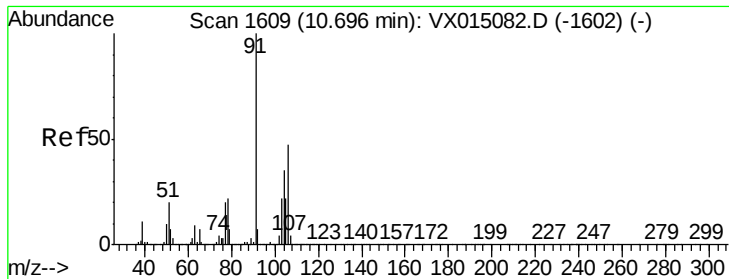
Tgt Ion: 106 Resp: 246469

Ion Ratio Lower Upper

106 100

91 200.2 159.4 239.2

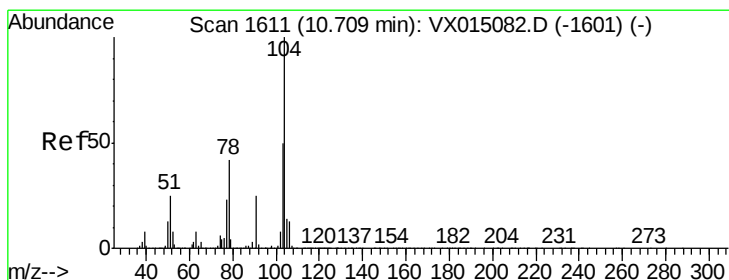
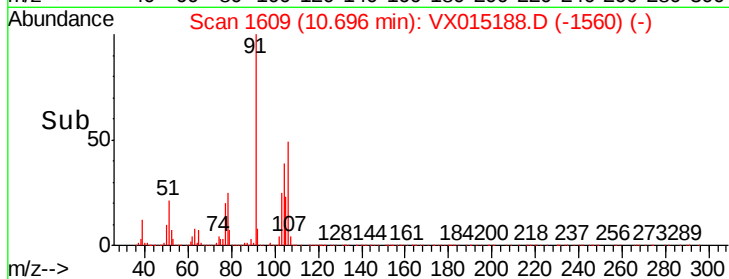
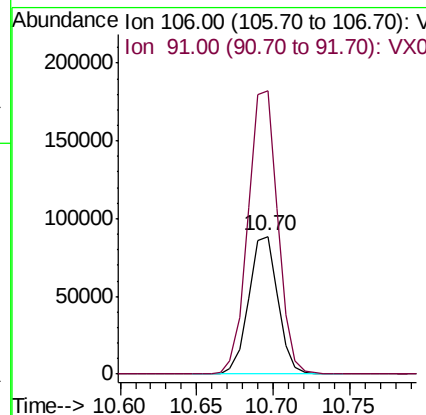
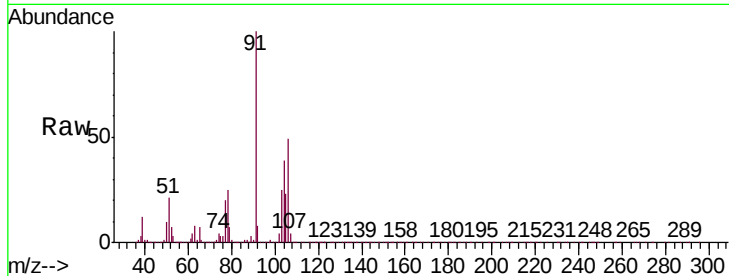




#69
o-Xylene
Concen: 20.474 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

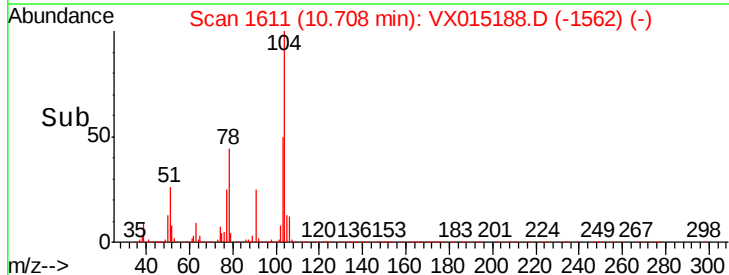
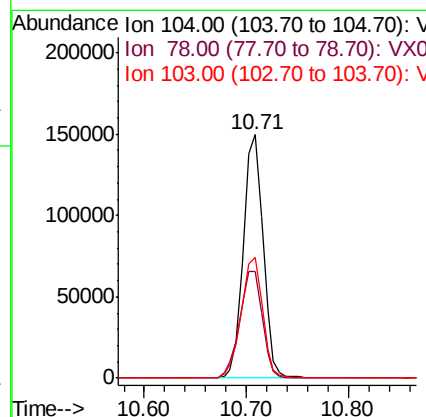
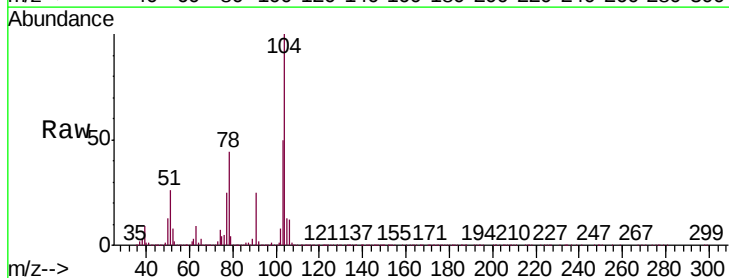
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

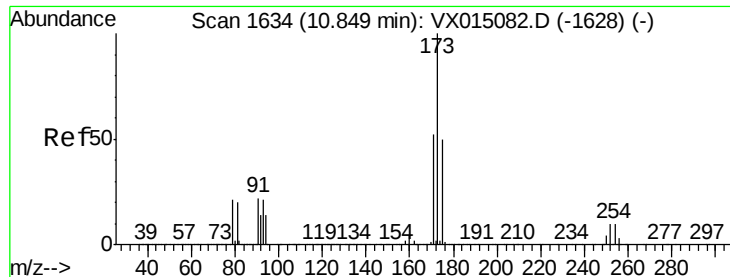
Tgt Ion:106 Resp: 117115
Ion Ratio Lower Upper
106 100
91 209.6 105.4 316.1



#70
Styrene
Concen: 20.393 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion:104 Resp: 200008
Ion Ratio Lower Upper
104 100
78 50.5 39.0 58.4
103 53.8 43.7 65.5

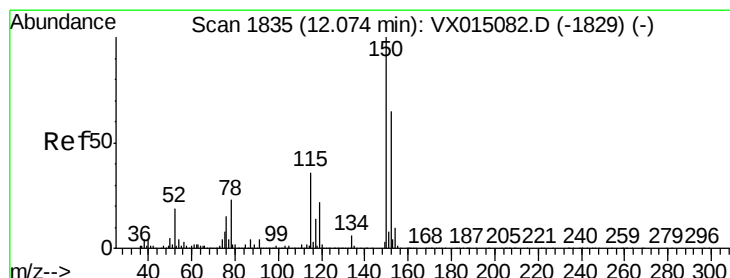
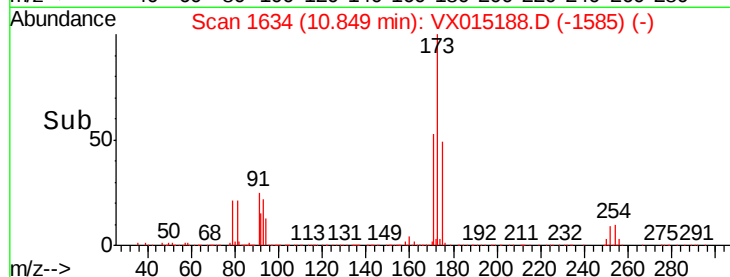
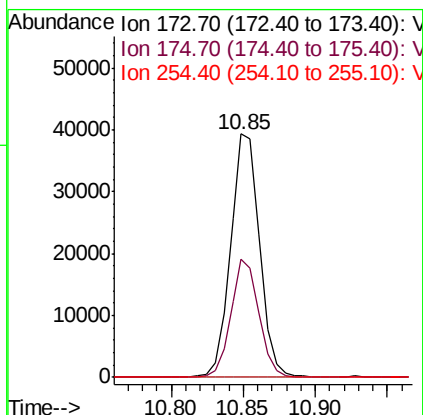
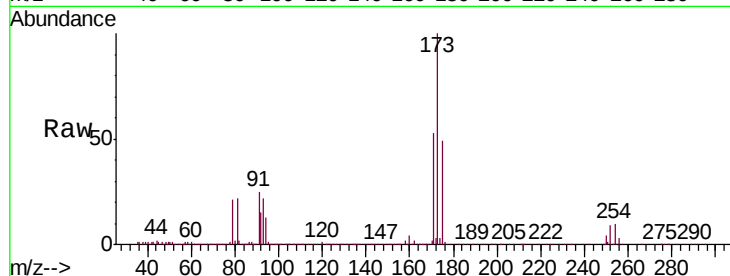




#71
Bromoform
Concen: 20.334 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

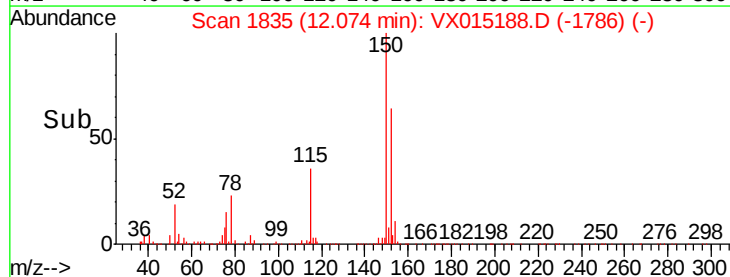
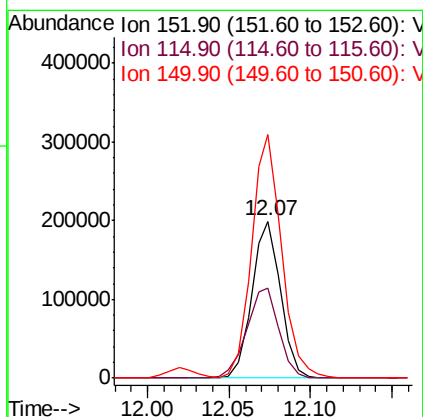
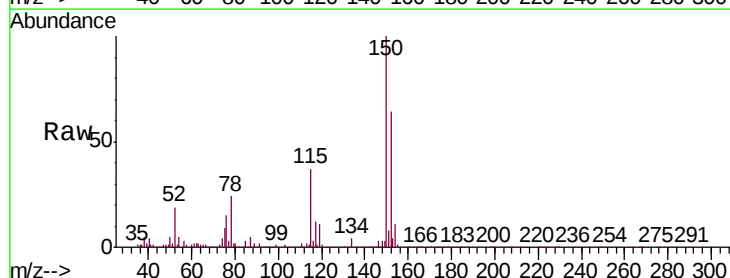
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

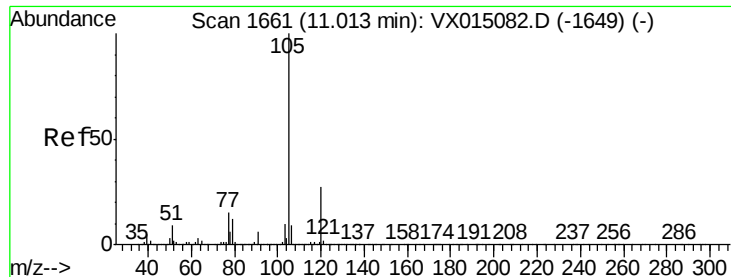
Tgt Ion:173 Resp: 54983
Ion Ratio Lower Upper
173 100
175 47.2 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion:152 Resp: 241266
Ion Ratio Lower Upper
152 100
115 65.1 38.2 114.6
150 163.1 0.0 343.8





#73

Isopropylbenzene

Concen: 20.457 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

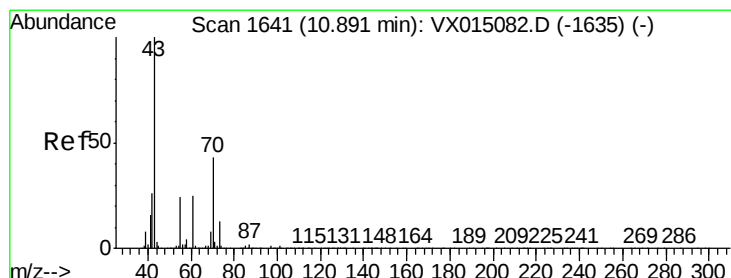
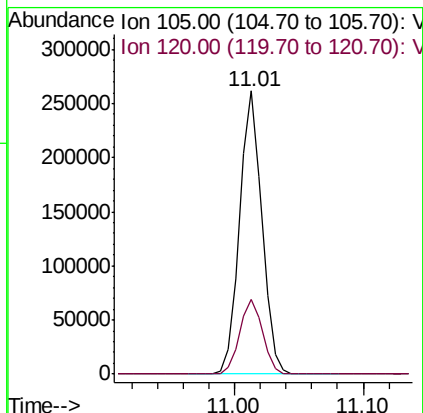
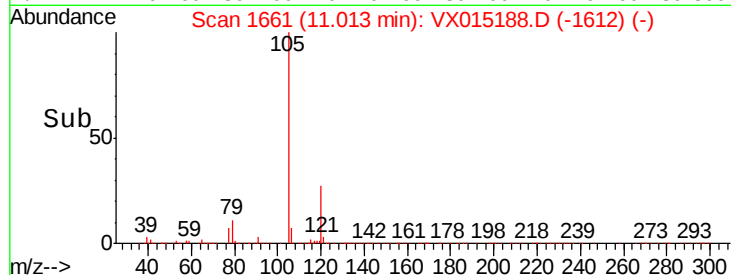
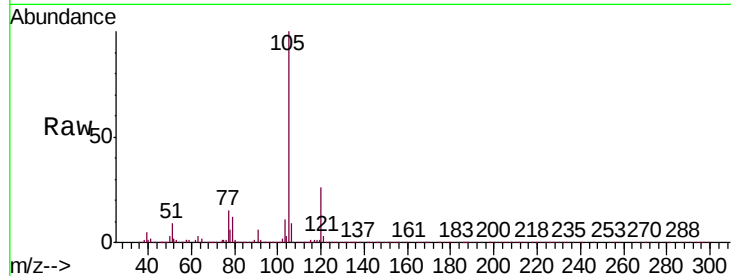
VX0311WBSD01

Tgt Ion: 105 Resp: 315289

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.666 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Tgt Ion: 43 Resp: 127738

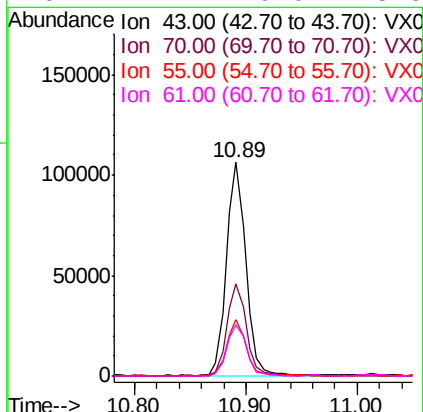
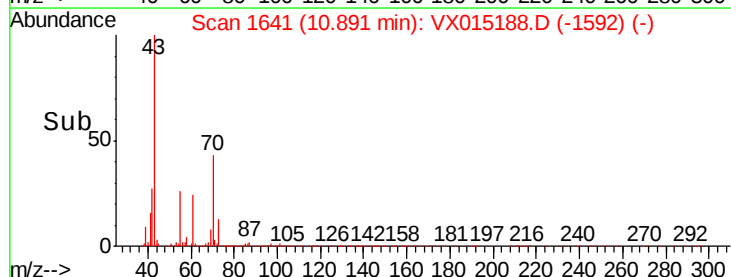
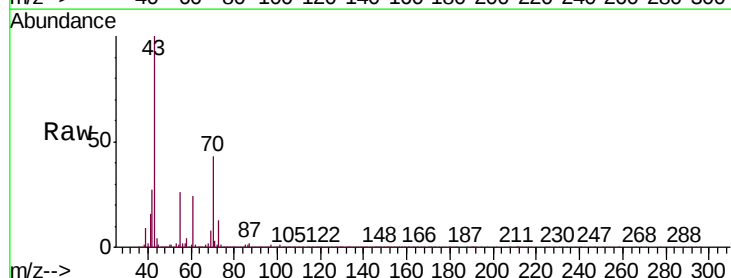
Ion Ratio Lower Upper

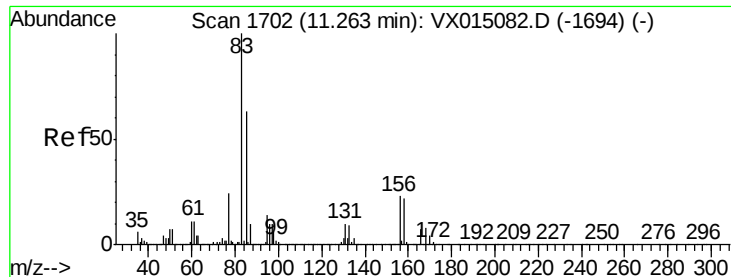
43 100

70 43.0 34.7 52.1

55 26.5 19.4 29.0

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.465 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

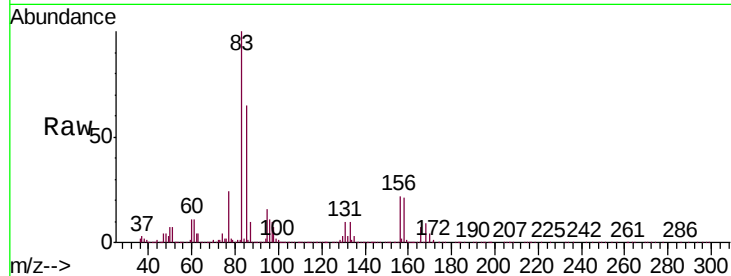
Tgt Ion: 83 Resp: 105116

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

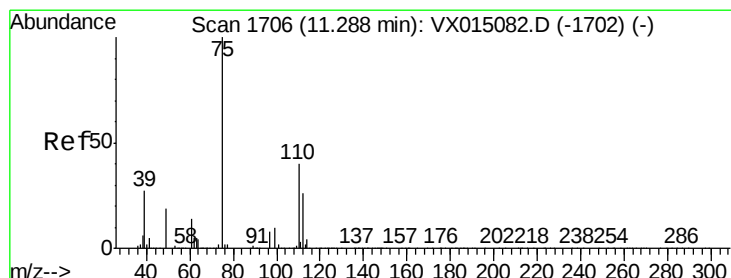
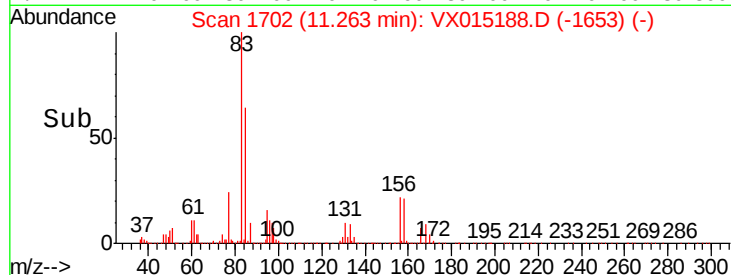
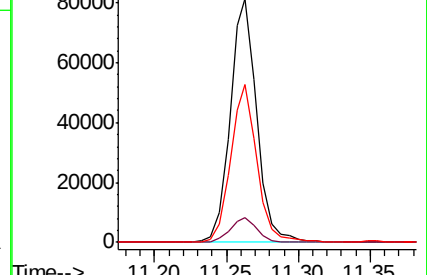
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.144 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015188.D

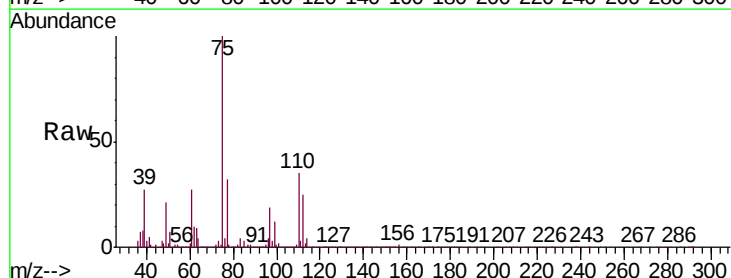
Acq: 11 Mar 2020 10:30

Tgt Ion: 75 Resp: 116196

Ion Ratio Lower Upper

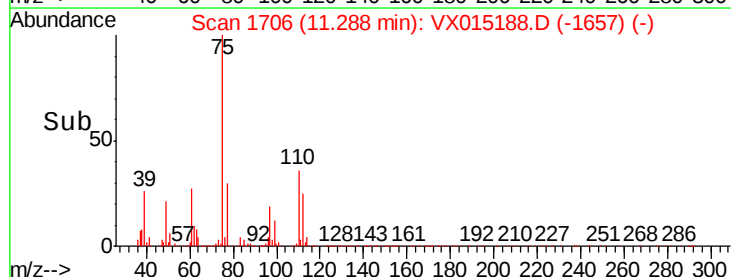
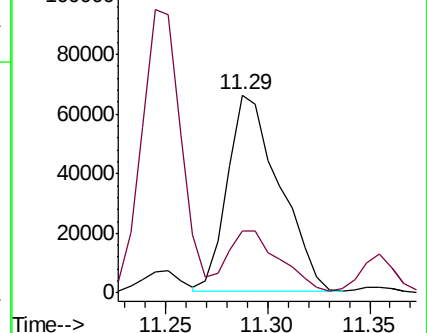
75 100

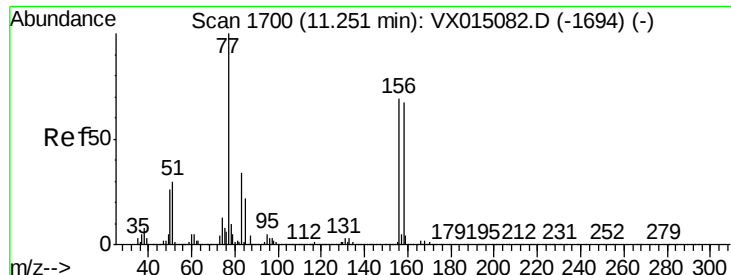
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.745 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

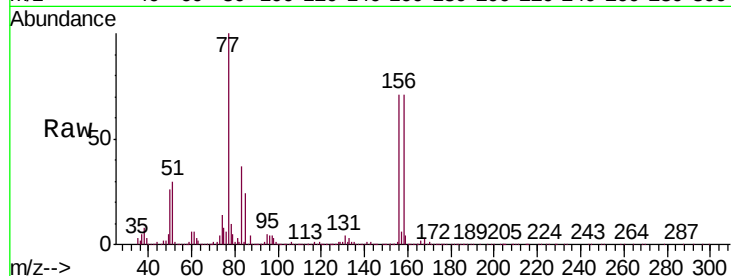
Tgt Ion:156 Resp: 84810

Ion Ratio Lower Upper

156 100

77 149.0 75.3 225.9

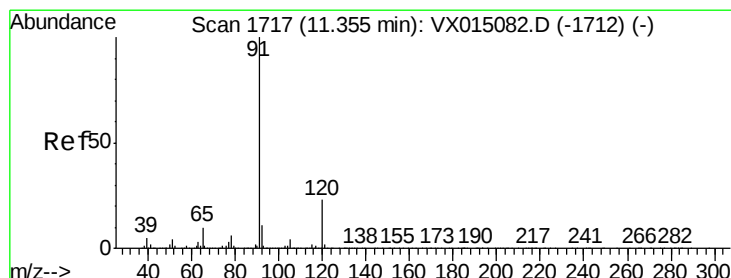
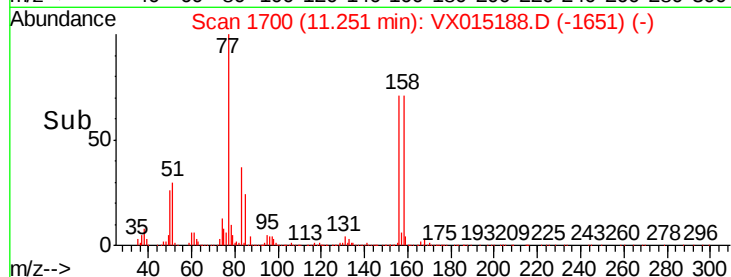
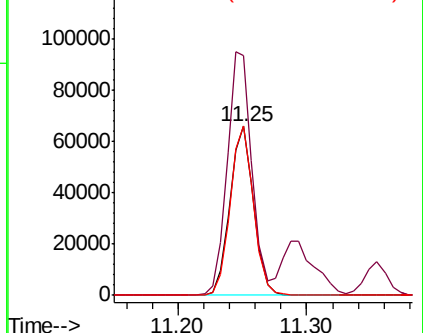
158 98.9 48.5 145.6



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: 20.961 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015188.D

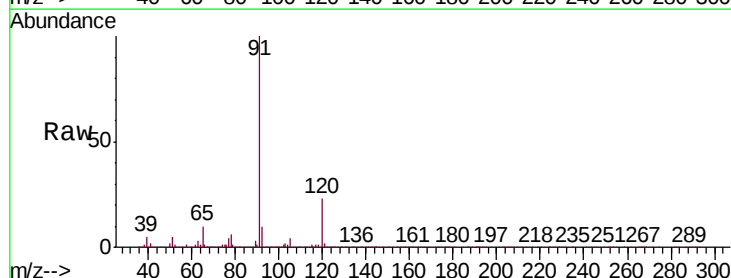
Acq: 11 Mar 2020 10:30

Tgt Ion: 91 Resp: 369075

Ion Ratio Lower Upper

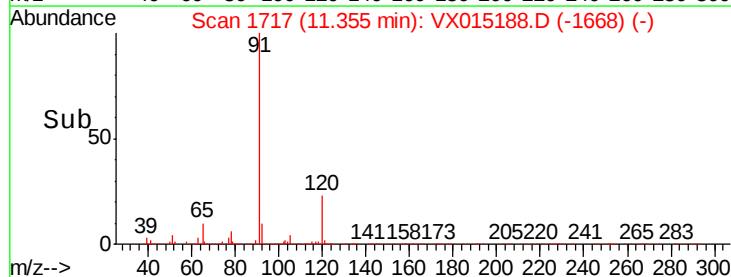
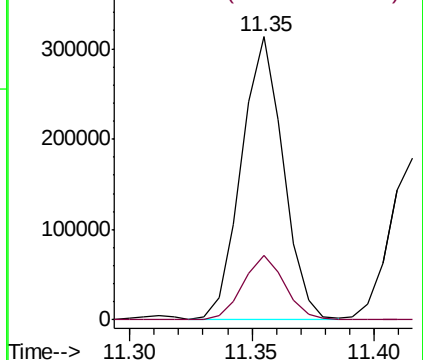
91 100

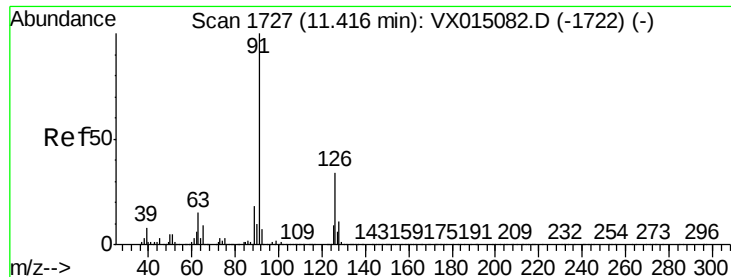
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

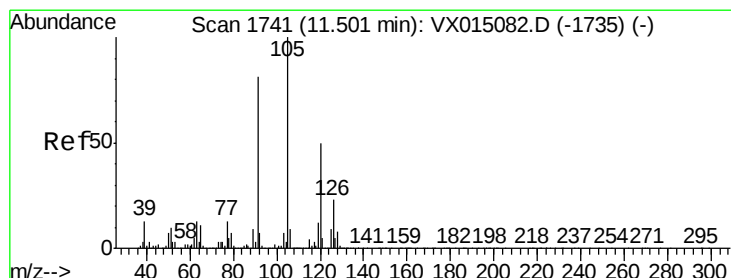
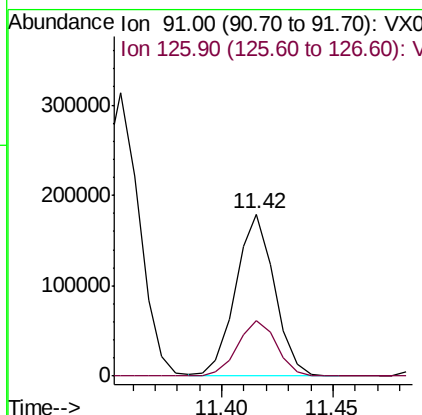
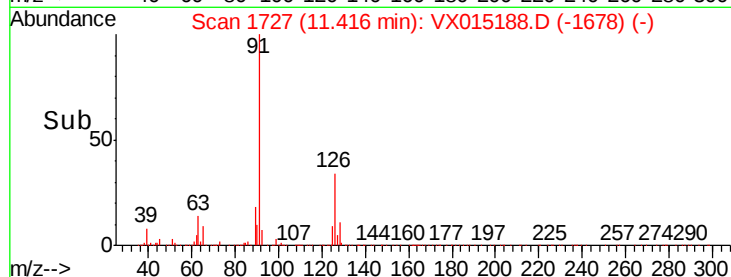
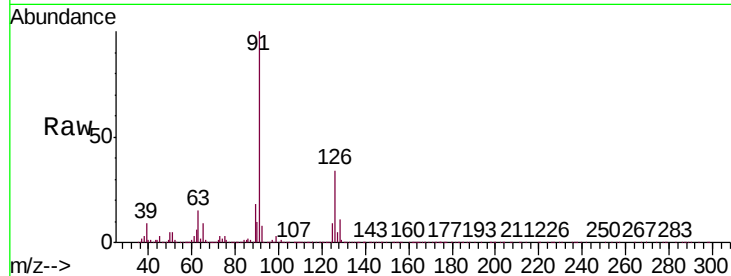




#79
 2-Chlorotoluene
 Concen: 20.548 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

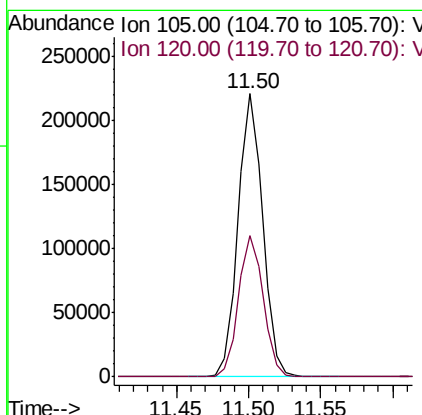
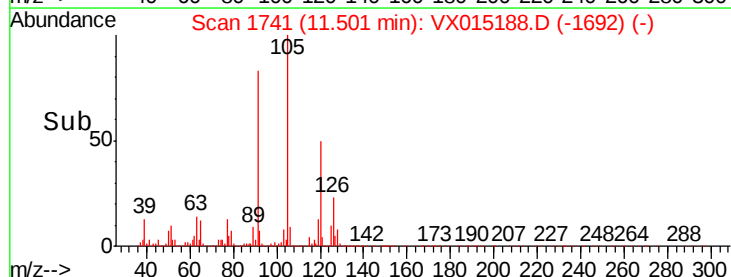
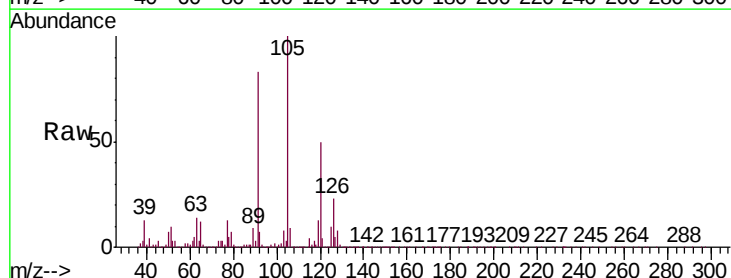
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

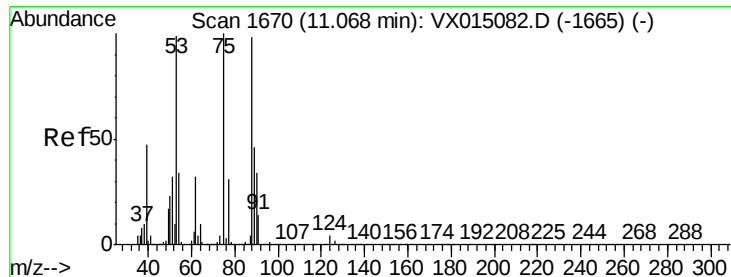
Tgt Ion: 91 Resp: 216066
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.491 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion: 105 Resp: 262898
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.313 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

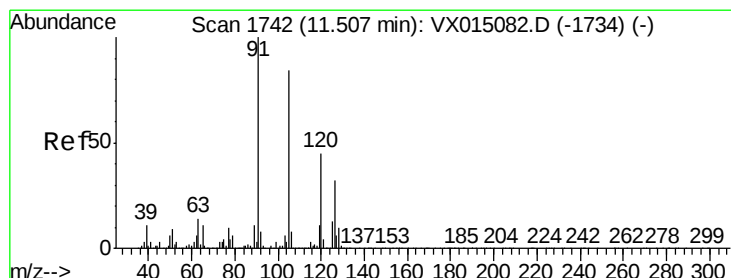
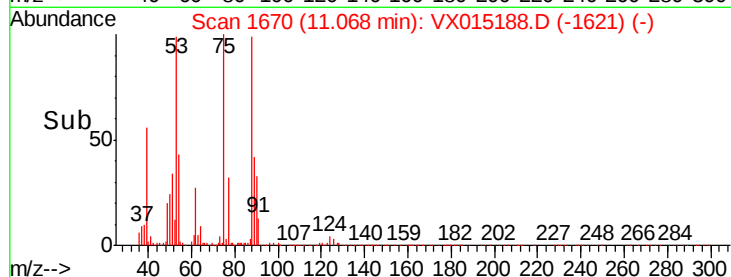
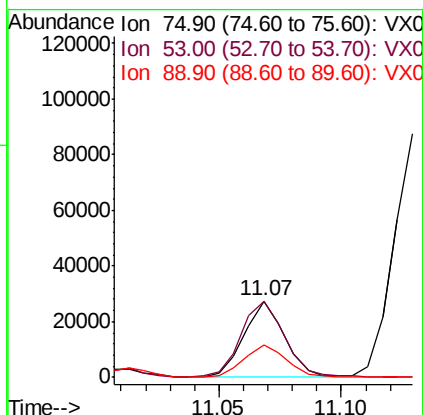
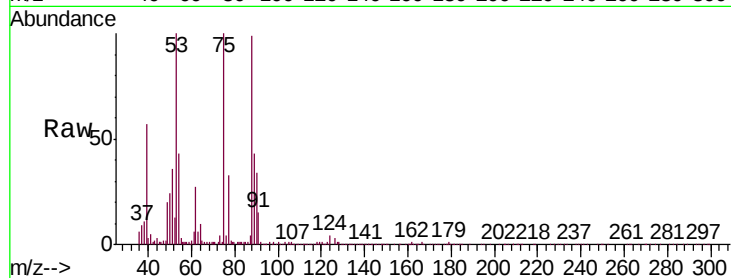
Tgt Ion: 75 Resp: 31054

Ion Ratio Lower Upper

75 100

53 106.5 77.9 116.9

89 44.9 36.2 54.2



#82

4-Chlorotoluene

Concen: 20.540 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015188.D

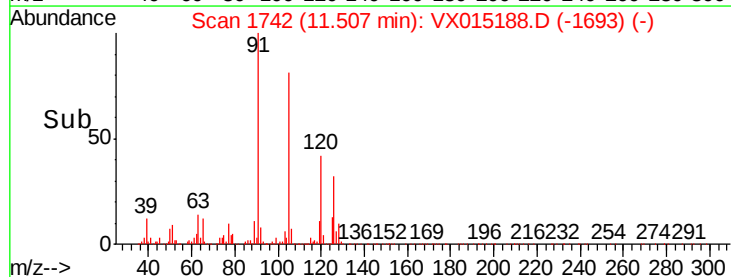
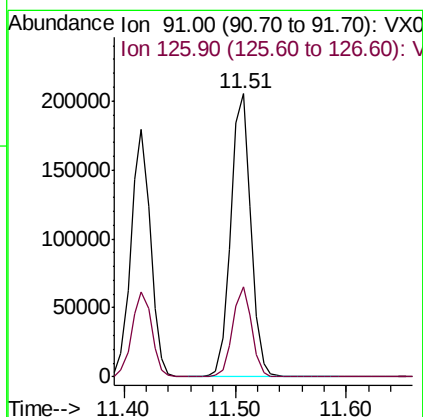
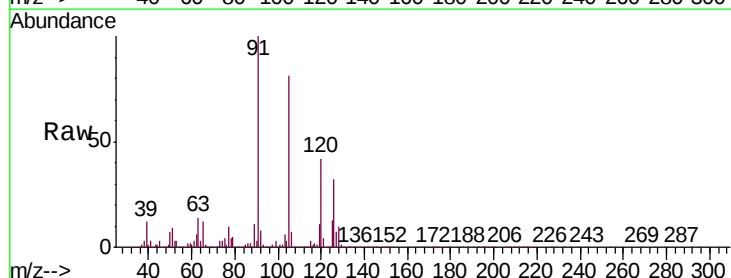
Acq: 11 Mar 2020 10:30

Tgt Ion: 91 Resp: 255173

Ion Ratio Lower Upper

91 100

126 30.4 15.4 46.2

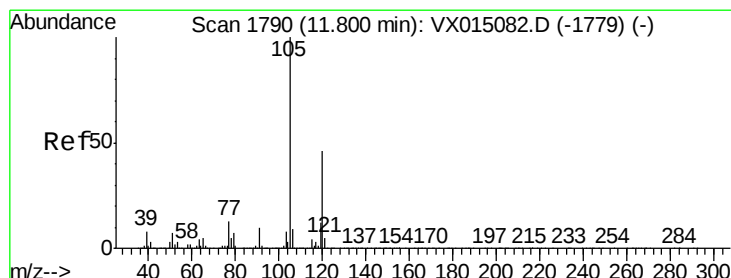
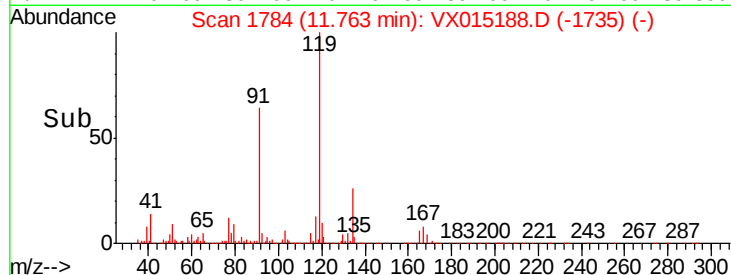
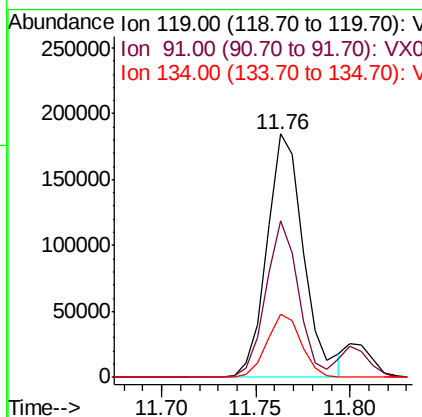
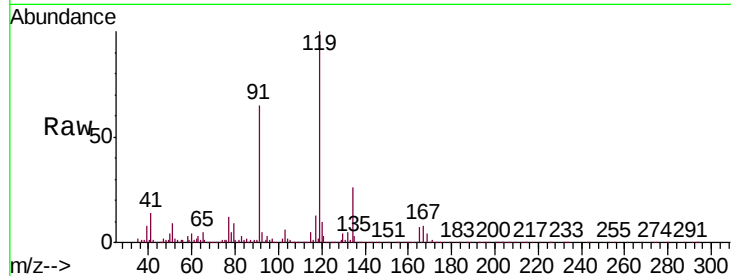




#83
 tert-Butylbenzene
 Concen: 20.102 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

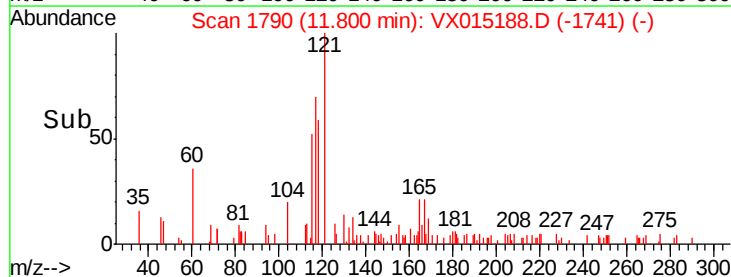
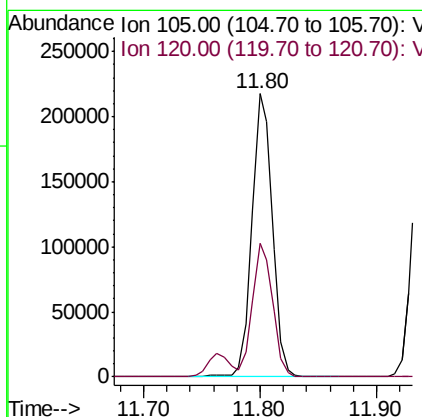
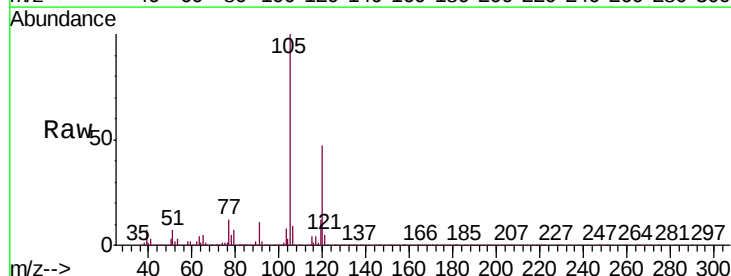
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

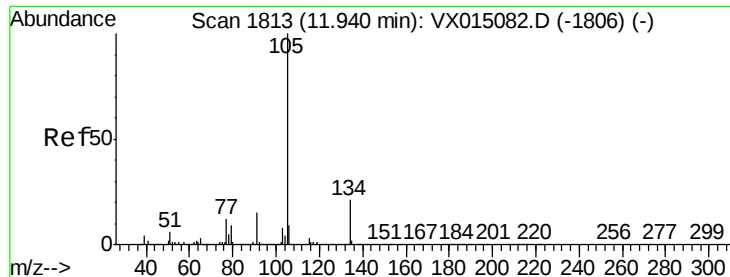
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.5	85.6
134	24.3	11.9	35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.682 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.5

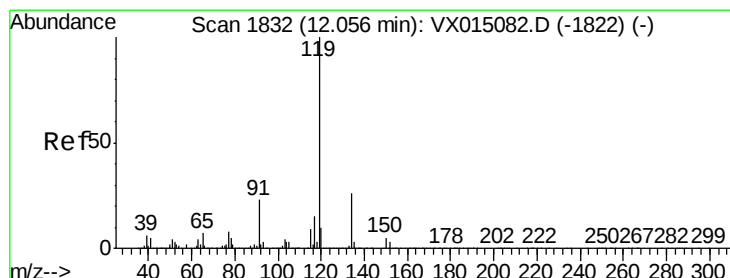
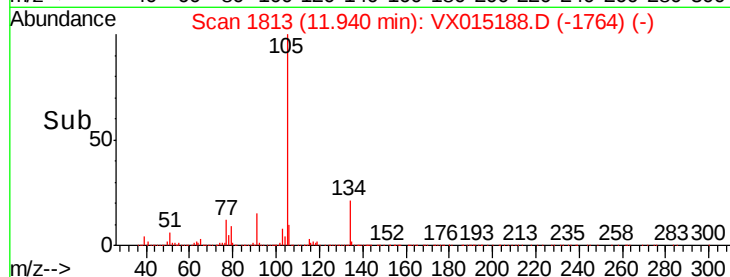
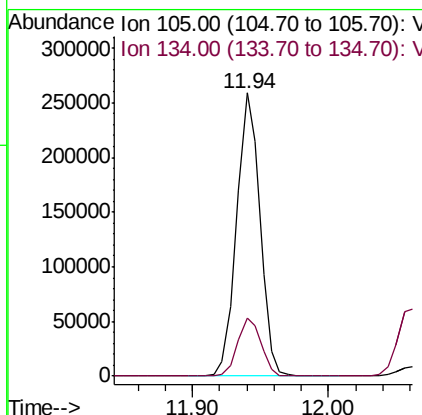
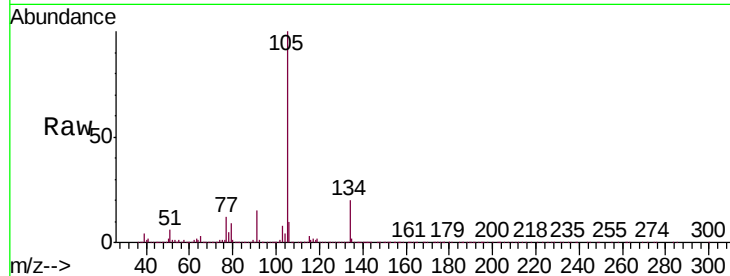




#85
 sec-Butylbenzene
 Concen: 20.603 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

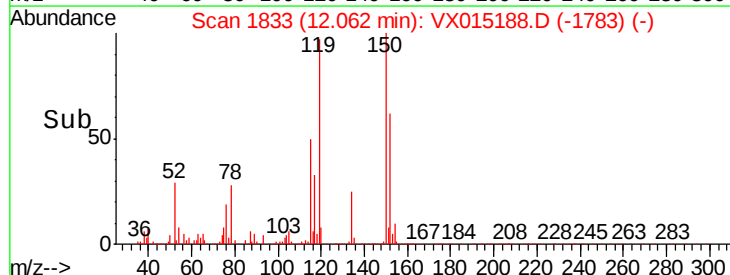
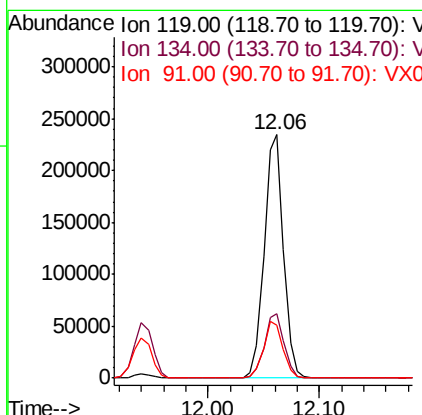
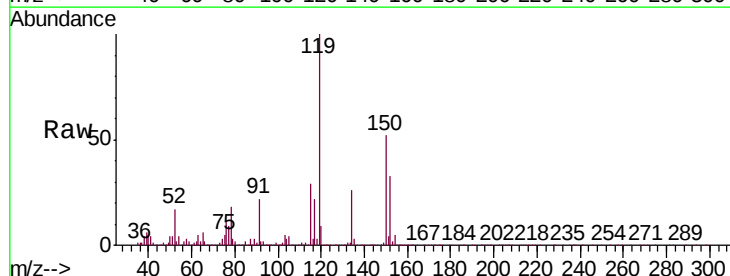
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

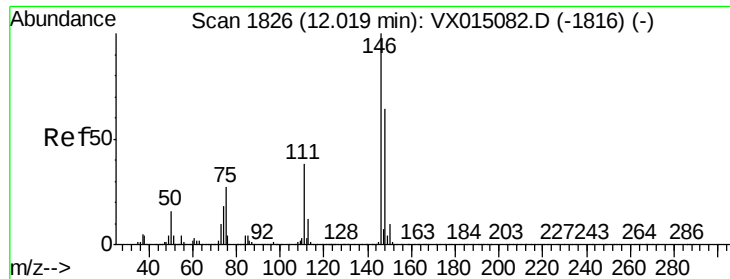
Tgt Ion:105 Resp: 308555
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.627 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion:119 Resp: 284607
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.4 11.3 33.8

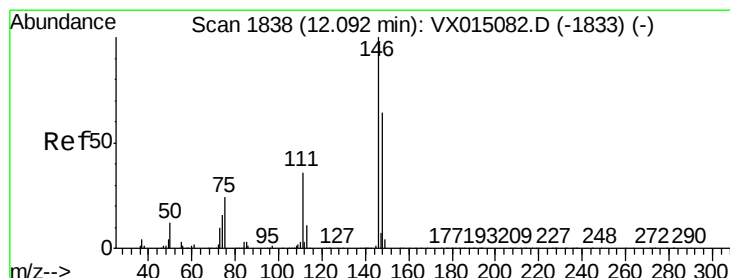
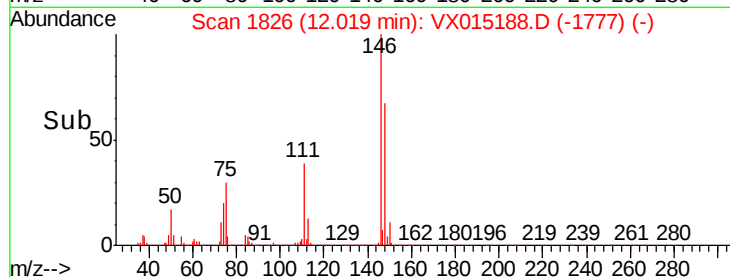
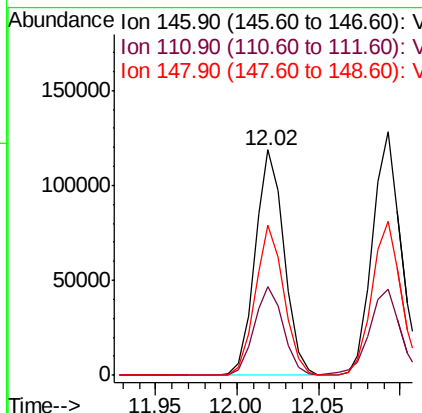
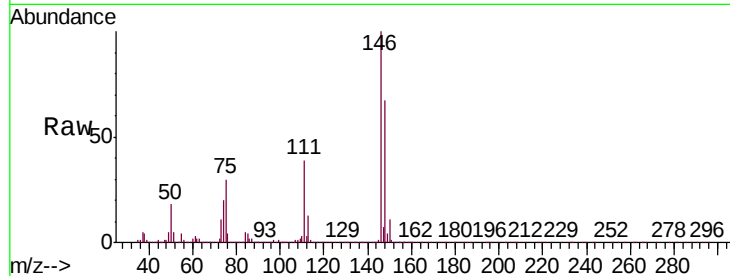




#87
 1,3-Dichlorobenzene
 Concen: 19.392 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

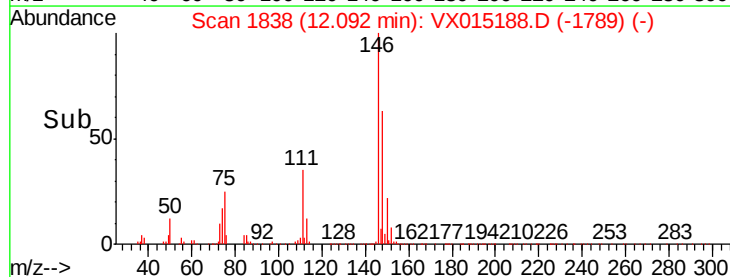
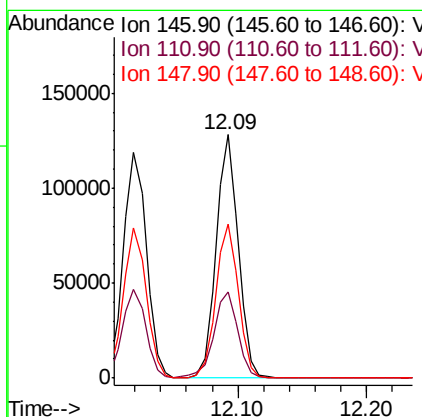
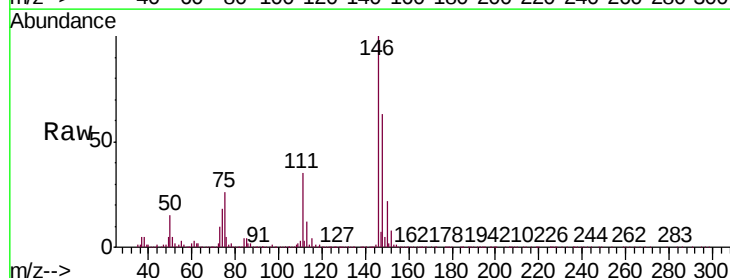
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

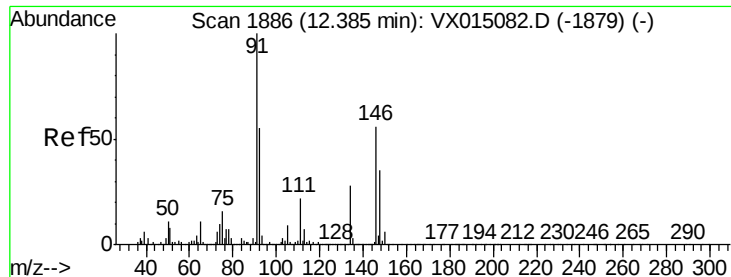
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.1	57.1
148	65.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.911 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.7	56.1
148	65.2	32.5	97.4

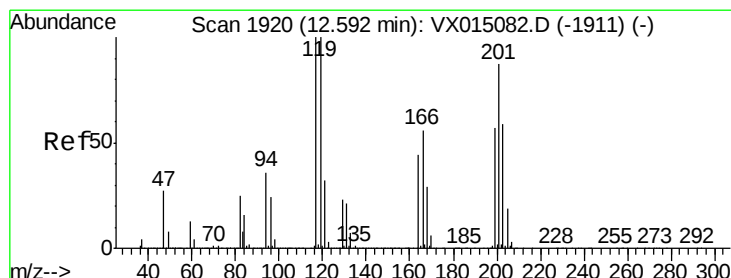
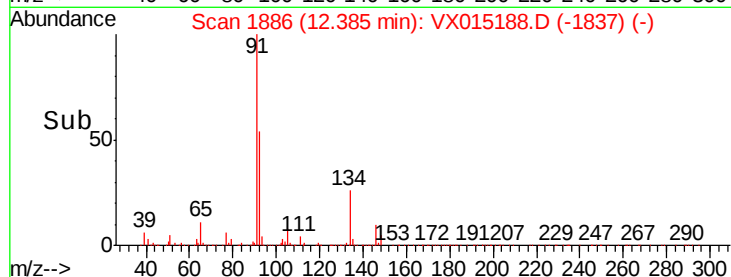
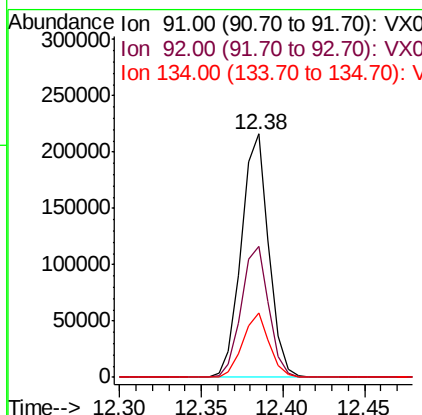
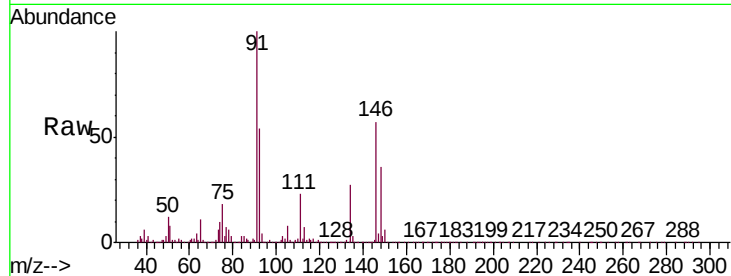




#89
n-Butylbenzene
Concen: 20.633 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

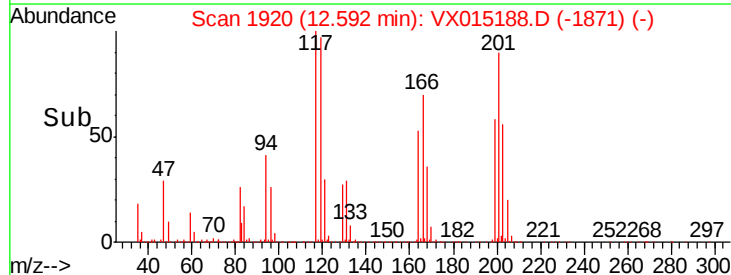
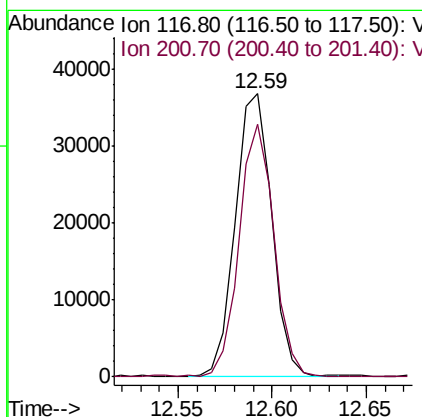
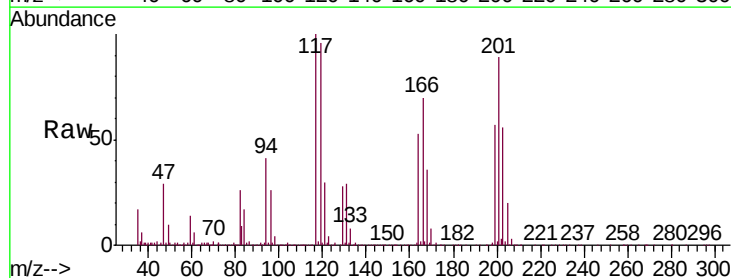
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

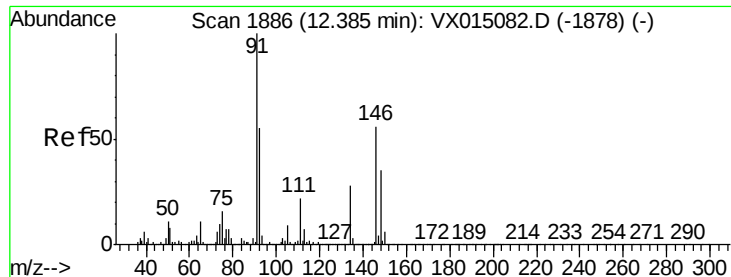
Tgt Ion: 91 Resp: 253198
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 25.5 13.5 40.5



#90
Hexachloroethane
Concen: 18.844 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion: 117 Resp: 49154
Ion Ratio Lower Upper
117 100
201 85.0 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 19.810 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

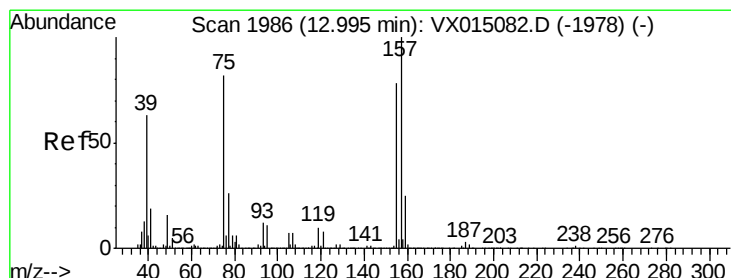
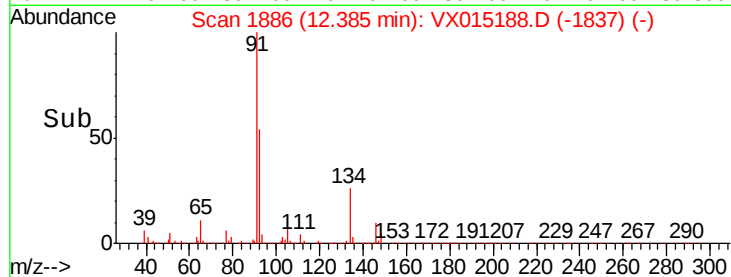
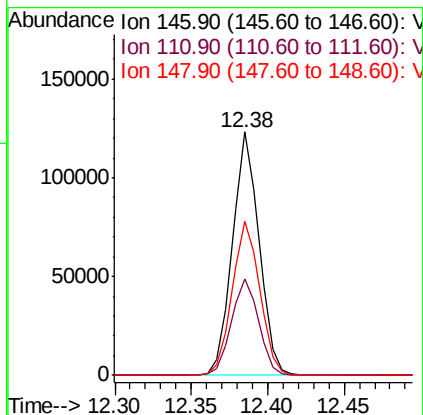
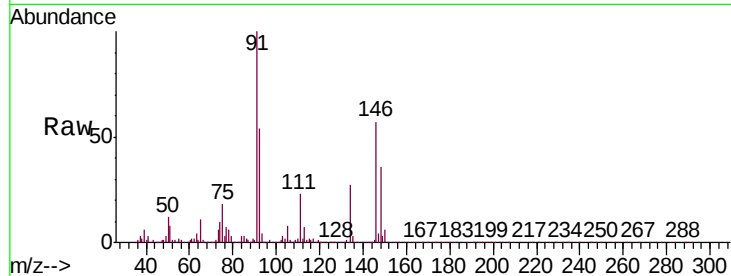
Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion:	146	Resp:	148711
Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	65.2	32.3	96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.206 ug/l

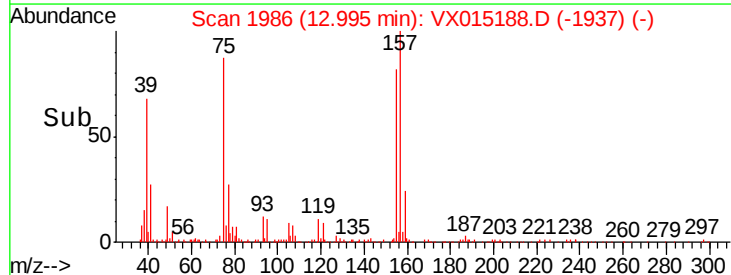
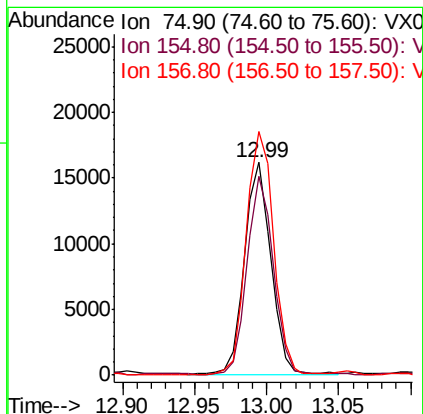
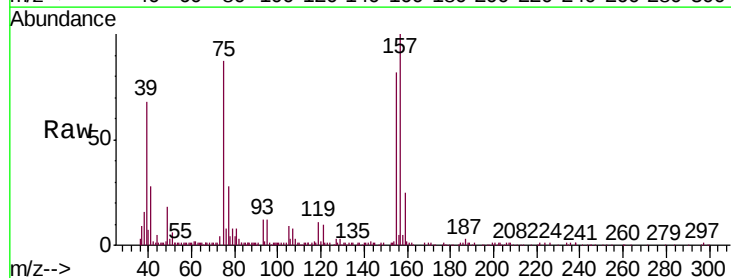
RT: 12.99 min Scan# 1986

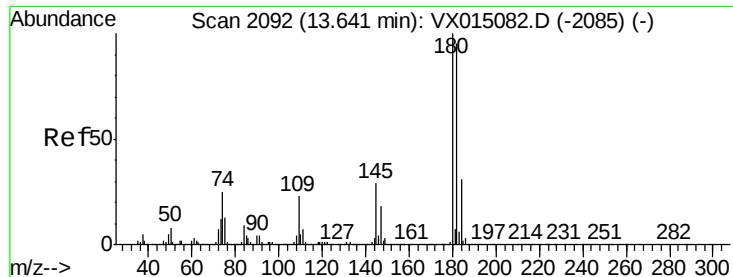
Delta R.T. -0.00 min

Lab File: VX015188.D

Acq: 11 Mar 2020 10:30

Tgt Ion:	75	Resp:	20782
Ion	Ratio	Lower	Upper
75	100		
155	90.5	46.6	139.7
157	117.2	59.2	177.5

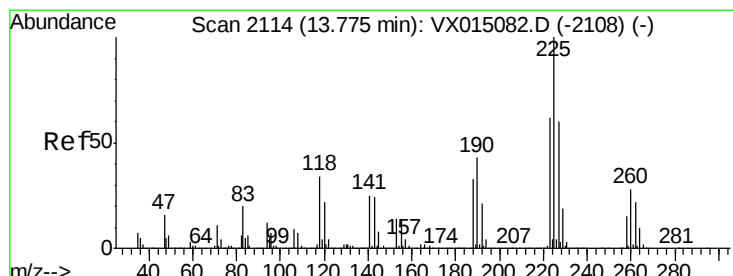
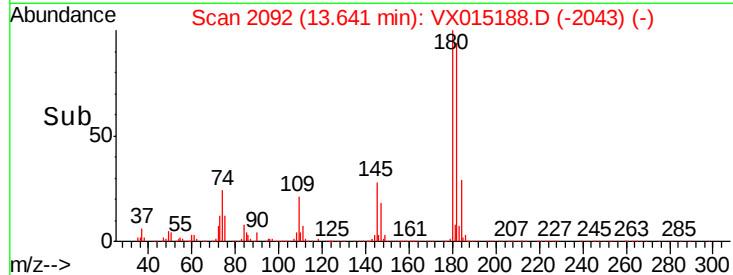
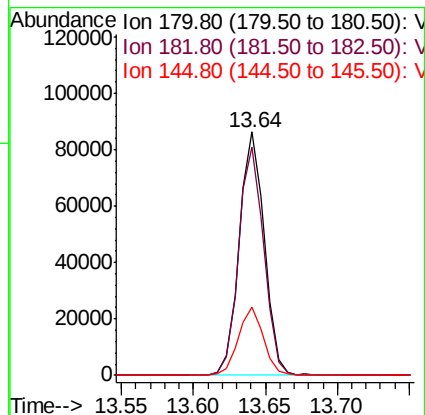
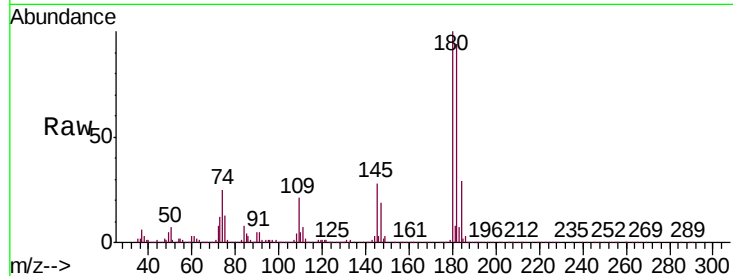




#93
 1,2,4-Trichlorobenzene
 Concen: 20.136 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

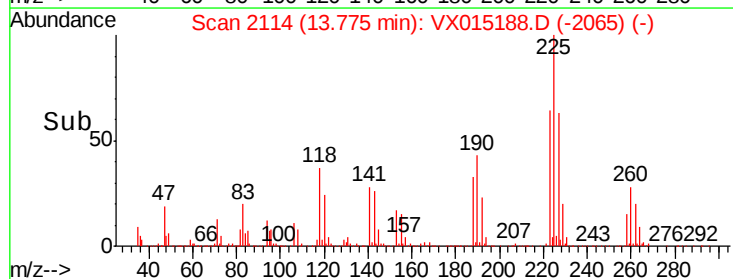
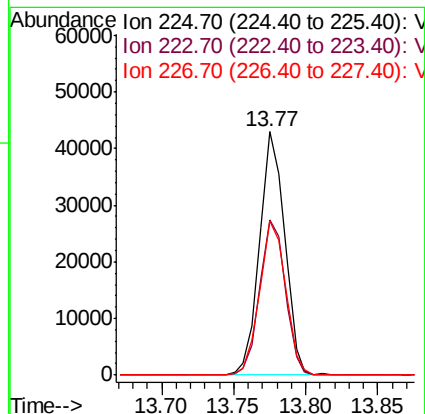
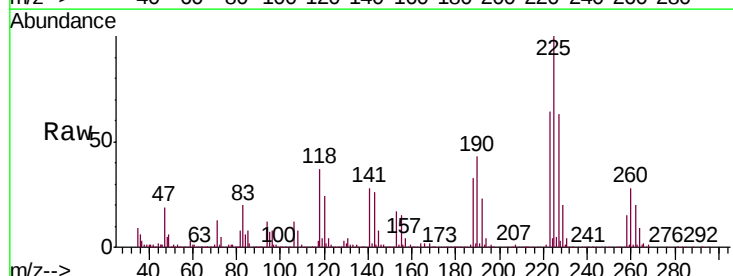
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

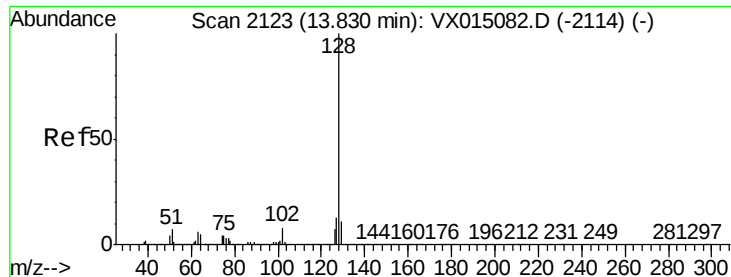
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	27.7	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.257 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015188.D
 Acq: 11 Mar 2020 10:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.3	93.9
227	65.6	31.1	93.2

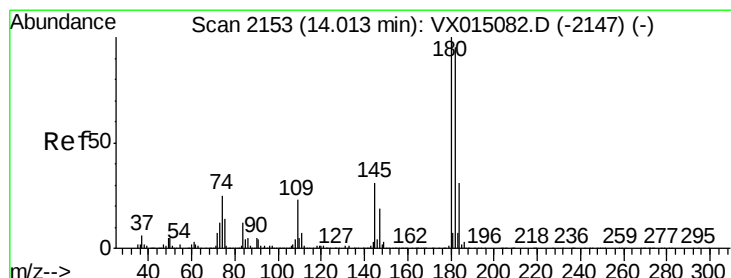
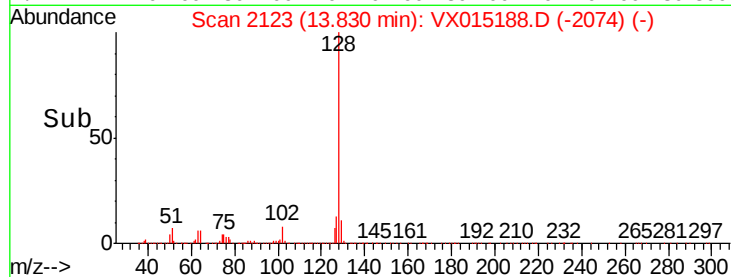
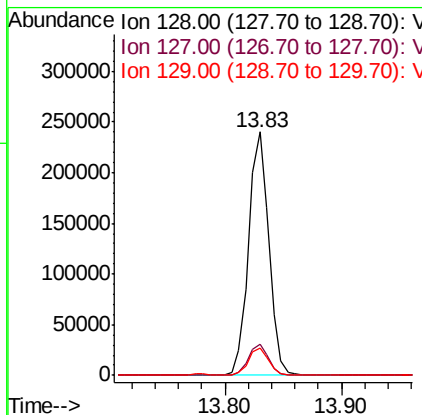
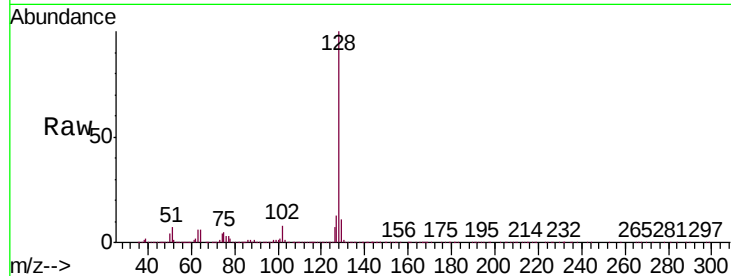




#95
Naphthalene
Concen: 19.263 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:128 Resp: 293278
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.908 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015188.D
Acq: 11 Mar 2020 10:30

Tgt Ion:180 Resp: 103506
Ion Ratio Lower Upper
180 100
182 97.9 47.8 143.4
145 30.0 15.1 45.3

