

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031720\
 Data File : VX015311.D
 Acq On : 17 Mar 2020 09:48
 Operator : JC/SP
 Sample : VX0317WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Quant Time: Mar 18 01:16:39 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	310140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	455553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	222168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	172163	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.48	113	148452	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	8.71	98	570424	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.13	95	203694	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	48417	17.828	ug/l	98
3) Chloromethane	1.32	50	67920	17.655	ug/l	99
4) Vinyl Chloride	1.40	62	68886	17.659	ug/l	100
5) Bromomethane	1.64	94	43675	18.212	ug/l	97
6) Chloroethane	1.72	64	43020	18.385	ug/l	100
7) Trichlorofluoromethane	1.93	101	86910	18.724	ug/l	99
8) Diethyl Ether	2.18	74	40631	19.327	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59136	20.250	ug/l	99
10) Methyl Iodide	2.50	142	55120	16.707	ug/l	98
11) Tert butyl alcohol	3.03	59	61962	97.062	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56093	18.612	ug/l	99
13) Acrolein	2.28	56	48008	80.024	ug/l	96
14) Allyl chloride	2.72	41	105924	20.156	ug/l	93
15) Acrylonitrile	3.13	53	163325	102.732	ug/l	100
16) Acetone	2.44	43	163609	109.798	ug/l	98
17) Carbon Disulfide	2.56	76	142557	17.032	ug/l	98
18) Methyl Acetate	2.76	43	75016	20.589	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	186868	19.842	ug/l	96
20) Methylene Chloride	2.85	84	66712	19.130	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	60672	18.853	ug/l	99
22) Diisopropyl ether	3.84	45	220822	21.091	ug/l	93
23) Vinyl Acetate	3.80	43	884653	102.790	ug/l	100
24) 1,1-Dichloroethane	3.69	63	114170	19.648	ug/l	98
25) 2-Butanone	4.65	43	230411	105.621	ug/l	98
26) 2,2-Dichloropropane	4.57	77	86560	18.764	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	68931	19.093	ug/l	97
28) Bromochloromethane	5.00	49	54582	20.628	ug/l	97
29) Tetrahydrofuran	5.11	42	142000	100.980	ug/l	98
30) Chloroform	5.20	83	112725	19.903	ug/l	99
31) Cyclohexane	5.57	56	100905	19.468	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	93057	19.821	ug/l	97
36) 1,1-Dichloropropene	5.79	75	82386	19.563	ug/l	98
37) Ethyl Acetate	4.82	43	88227	22.585	ug/l	98
38) Carbon Tetrachloride	5.77	117	77747	19.558	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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 VX0317WBS01

Quant Time: Mar 18 01:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99954	20.326	ug/l	94
40) Benzene	6.13	78	262106	20.977	ug/l	98
41) Methacrylonitrile	5.02	41	49647	21.158	ug/l	98
42) 1,2-Dichloroethane	6.18	62	85767	19.988	ug/l	96
43) Isopropyl Acetate	6.43	43	140128	20.390	ug/l	98
44) Trichloroethene	7.20	130	69906	20.090	ug/l	92
45) 1,2-Dichloropropane	7.50	63	70157	21.693	ug/l	98
46) Dibromomethane	7.65	93	43748	20.760	ug/l	97
47) Bromodichloromethane	7.89	83	84733	20.333	ug/l	98
48) Methyl methacrylate	7.76	41	70006	20.014	ug/l	98
49) 1,4-Dioxane	7.74	88	30487	403.131	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	443924	109.252	ug/l	100
52) Toluene	8.78	92	161763	21.174	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	90886	20.491	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	106876	21.314	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	67293	21.401	ug/l	98
56) Ethyl methacrylate	9.17	69	98003	21.851	ug/l	96
57) 1,3-Dichloropropane	9.37	76	112758	21.315	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	251313	102.854	ug/l	99
59) 2-Hexanone	9.48	43	333577	110.762	ug/l	99
60) Dibromochloromethane	9.57	129	68756	20.815	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67022	20.293	ug/l	99
64) Tetrachloroethene	9.33	164	72456	20.939	ug/l	98
65) Chlorobenzene	10.13	112	173225	20.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	64934	20.495	ug/l	99
67) Ethyl Benzene	10.25	91	302449	21.198	ug/l	99
68) m/p-Xylenes	10.35	106	227356	41.883	ug/l	99
69) o-Xylene	10.70	106	109806	21.127	ug/l	98
70) Styrene	10.71	104	189534	21.269	ug/l	98
71) Bromoform	10.85	173	49956	20.333	ug/l	99
73) Isopropylbenzene	11.01	105	298614	21.041	ug/l	99
74) N-amyl acetate	10.89	43	121014	20.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	94935	20.072	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	107548	24.269	ug/l	80
77) Bromobenzene	11.25	156	77930	19.703	ug/l	98
78) n-propylbenzene	11.35	91	344689	21.259	ug/l	99
79) 2-Chlorotoluene	11.42	91	200169	20.672	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	250029	21.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28789	18.437	ug/l	95
82) 4-Chlorotoluene	11.51	91	233883	20.445	ug/l	100
83) tert-Butylbenzene	11.76	119	238399	20.869	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	251609	21.199	ug/l	100
85) sec-Butylbenzene	11.94	105	293756	21.301	ug/l	99
86) p-Isopropyltoluene	12.06	119	266447	20.971	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	139069	20.001	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	140270	19.540	ug/l	99
89) n-Butylbenzene	12.38	91	234069	20.714	ug/l	100
90) Hexachloroethane	12.59	117	45920	19.117	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	140654	20.347	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18653	19.695	ug/l	97

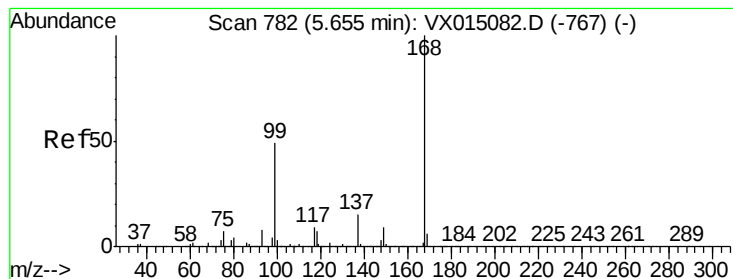
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031720\
Data File : VX015311.D
Acq On : 17 Mar 2020 09:48
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Sample : VX0317WBS01
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Mar 18 01:16:39 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)
93) 1,2,4-Trichlorobenzene	13.64	180	96782	20.170	ug/l	99
94) Hexachlorobutadiene	13.77	225	49161	19.965	ug/l	96
95) Naphthalene	13.83	128	263869	18.854	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97259	20.315	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

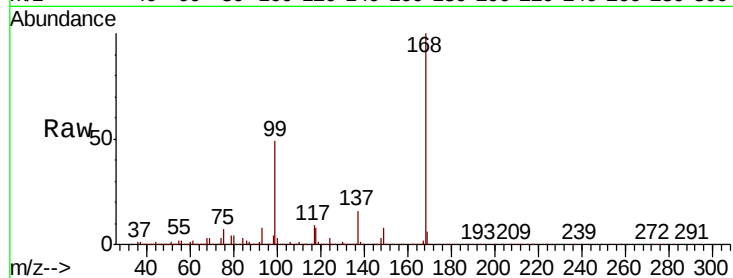
VX0317WBS01

Tot Ion:168 Resp: 310140

Ion Ratio Lower Upper

168 100

99 48.5 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

120000

100000

80000

60000

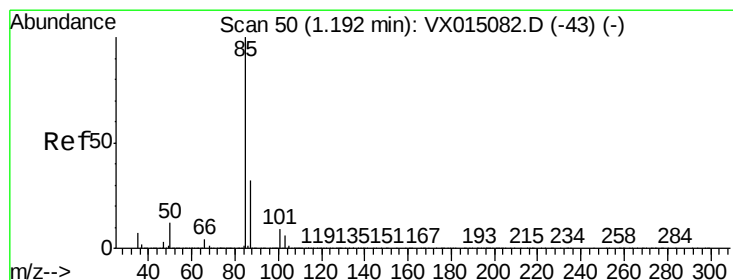
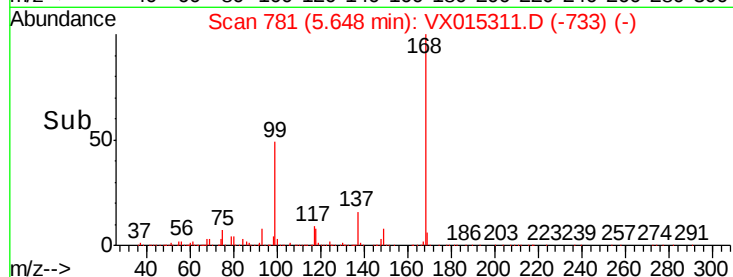
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.828 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015311.D

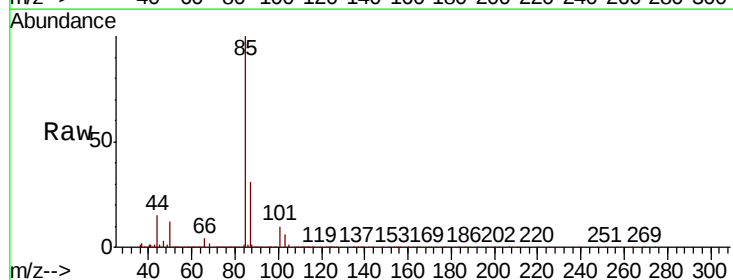
Acq: 17 Mar 2020 09:48

Tgt Ion: 85 Resp: 48417

Ion Ratio Lower Upper

85 100

87 31.3 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

50000

40000

30000

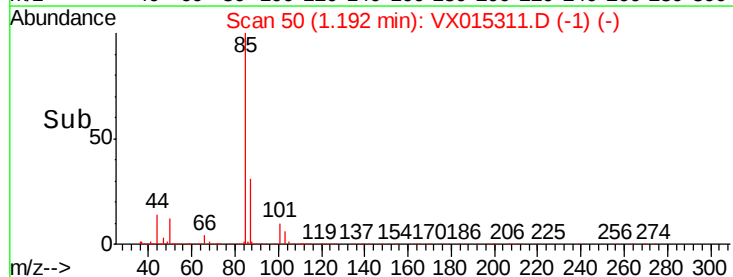
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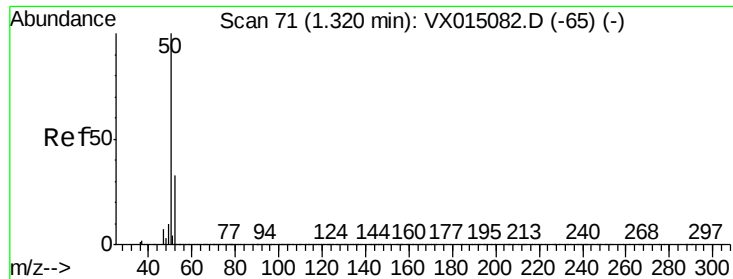
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.655 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

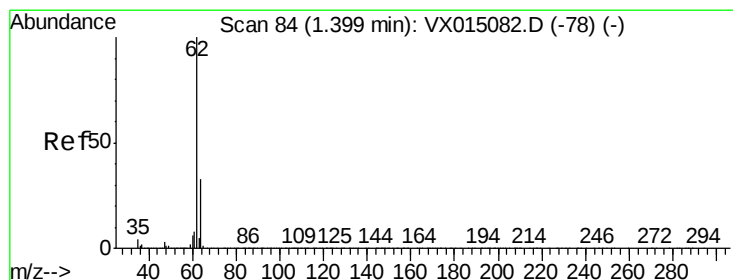
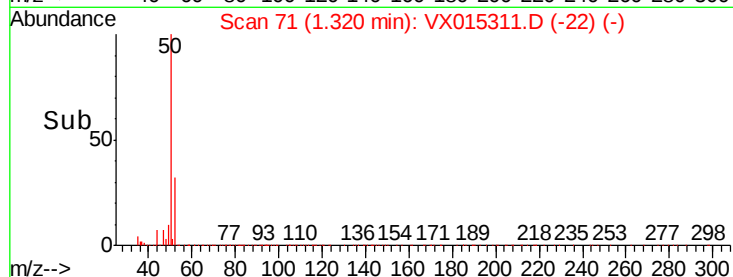
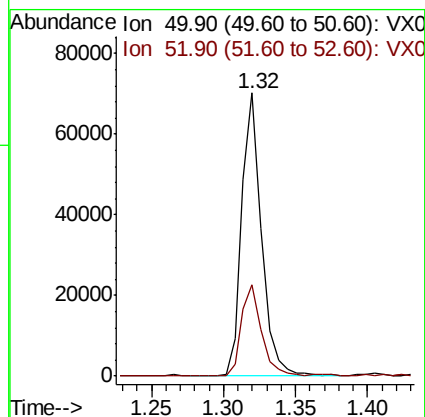
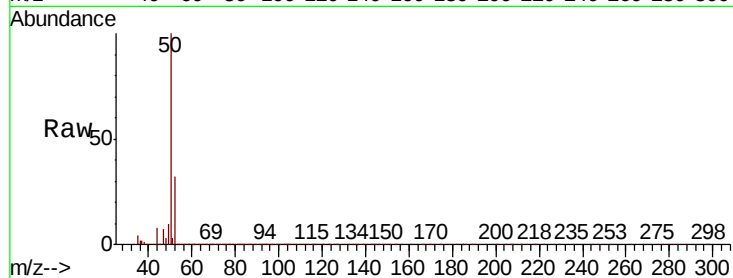
VX0317WBS01

Tot Ion: 50 Resp: 67920

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 17.659 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015311.D

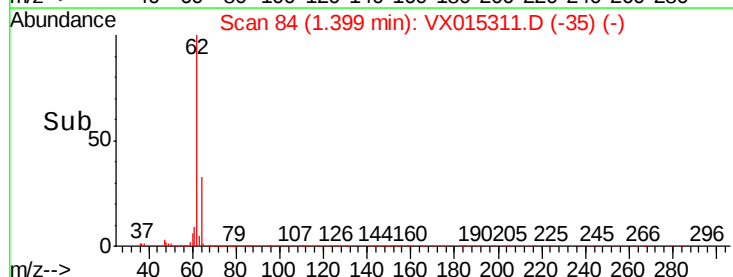
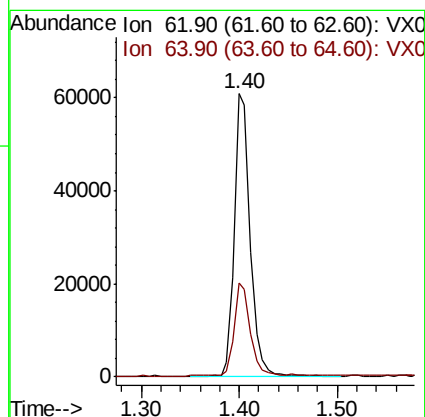
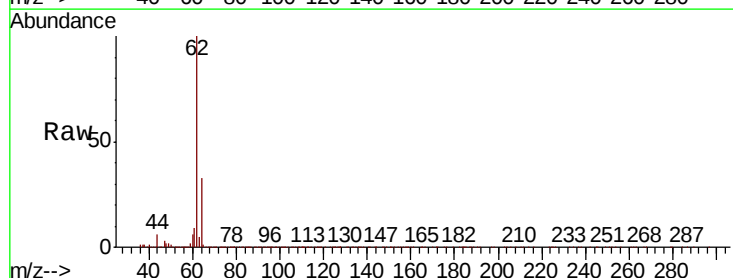
Acq: 17 Mar 2020 09:48

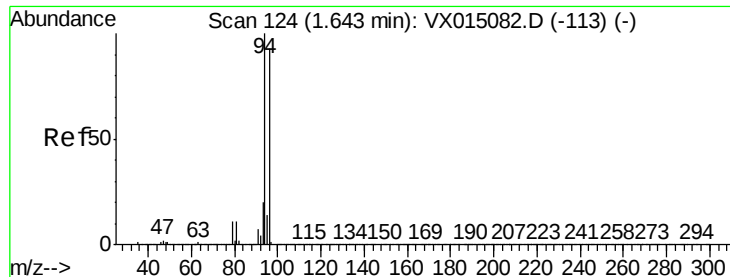
Tgt Ion: 62 Resp: 68886

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 18.212 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

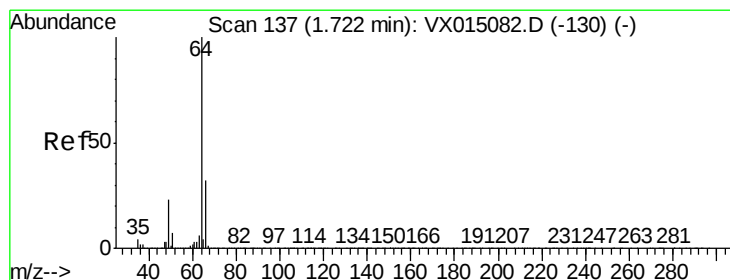
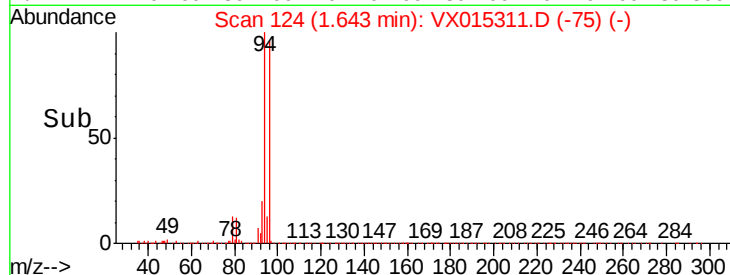
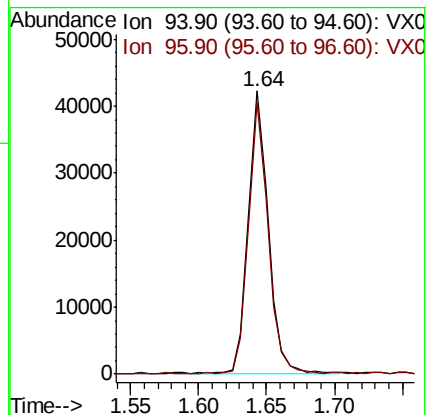
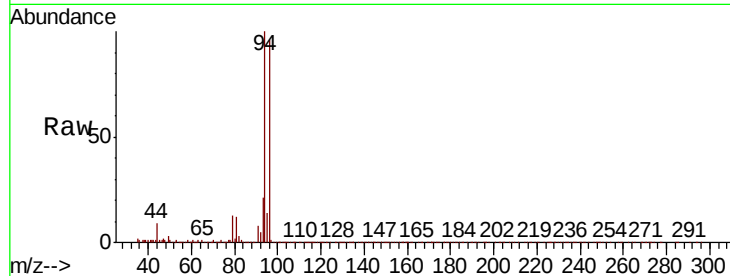
VX0317WBS01

Tot Ion: 94 Resp: 43675

Ion Ratio Lower Upper

94 100

96 96.0 74.6 111.8



#6

Chloroethane

Concen: 18.385 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015311.D

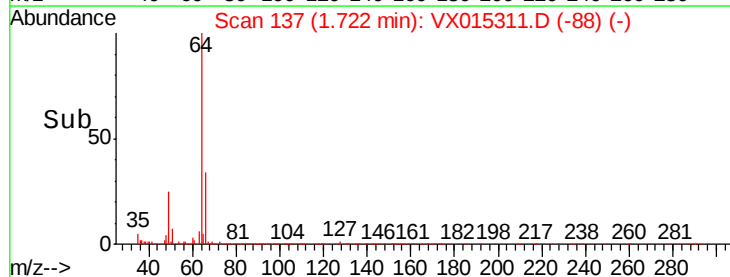
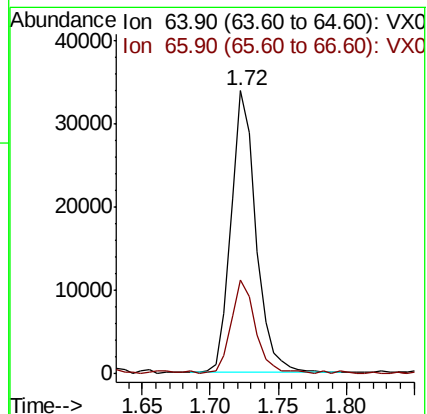
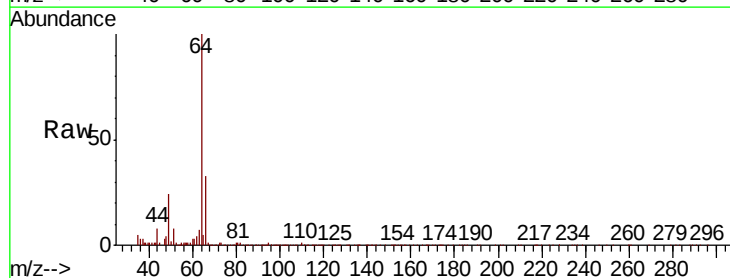
Acq: 17 Mar 2020 09:48

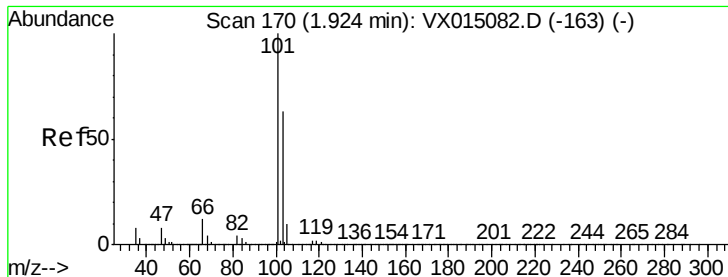
Tgt Ion: 64 Resp: 43020

Ion Ratio Lower Upper

64 100

66 32.6 25.8 38.8



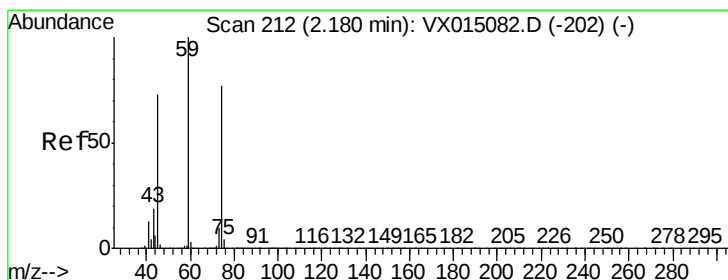
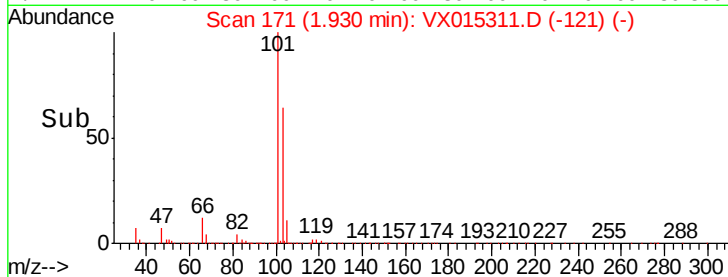
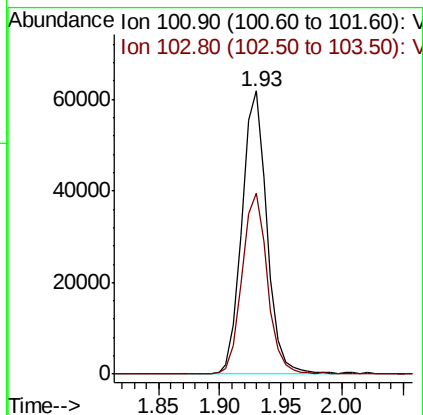
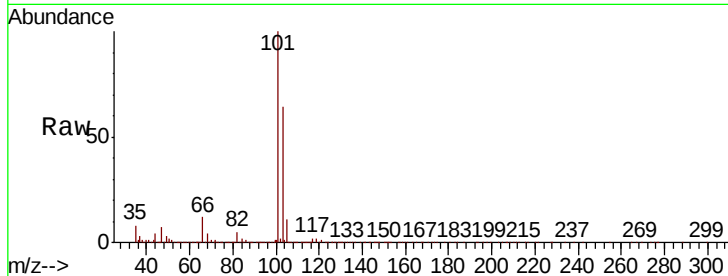


#7

Trichlorofluoromethane
 Concen: 18.724 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

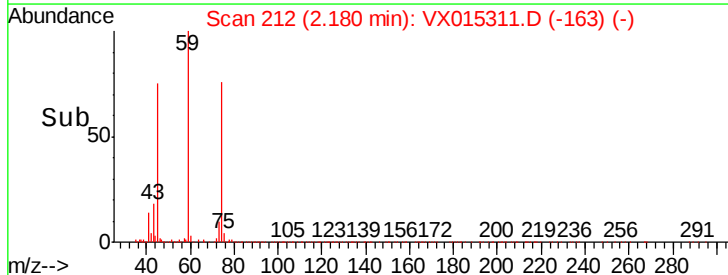
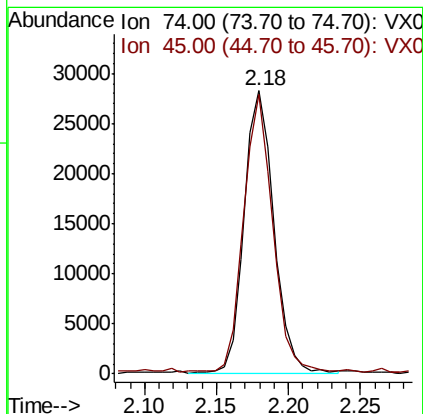
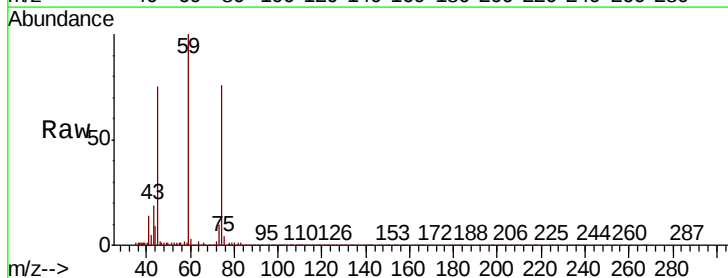
Tot Ion:101 Resp: 86910
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.4 75.6

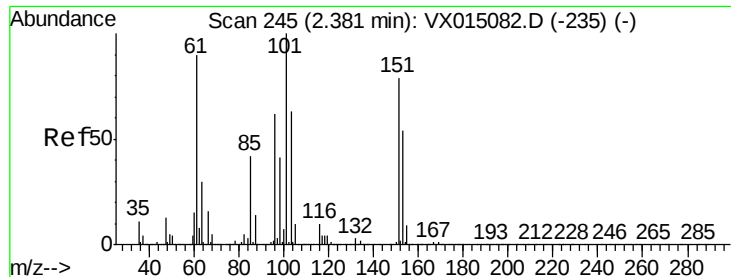


#8

Diethyl Ether
 Concen: 19.327 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion: 74 Resp: 40631
 Ion Ratio Lower Upper
 74 100
 45 93.9 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.250 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

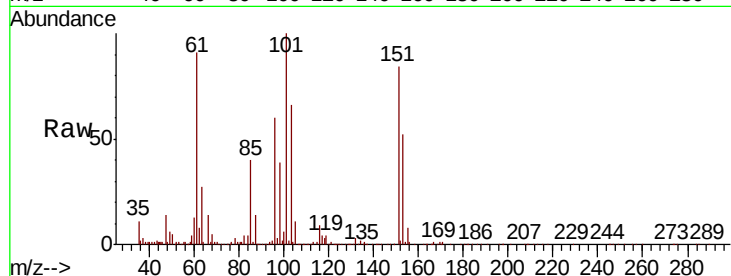
Tot Ion:101 Resp: 59136

Ion Ratio Lower Upper

101 100

85 40.7 33.7 50.5

151 79.9 64.0 96.0

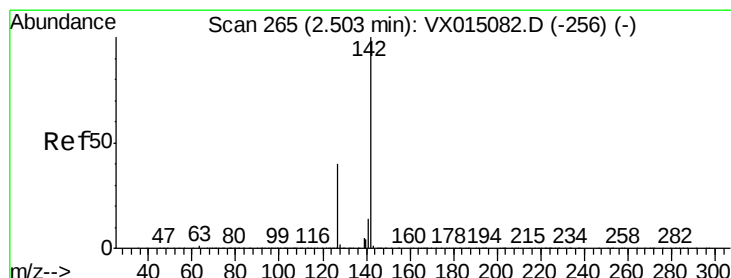
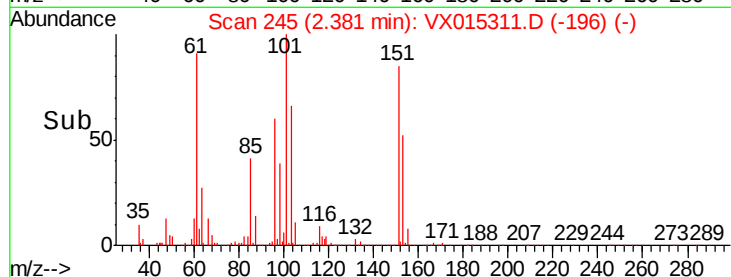
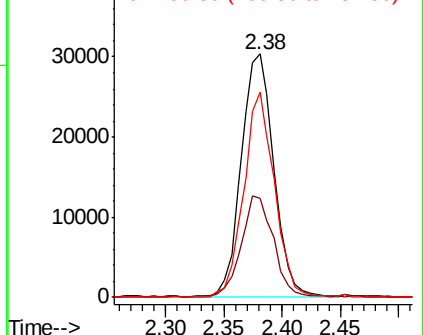


Abundance

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: 16.707 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

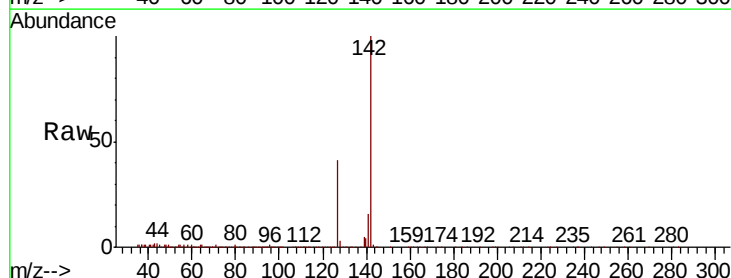
Tgt Ion:142 Resp: 55120

Ion Ratio Lower Upper

142 100

127 40.6 31.7 47.5

141 15.6 11.3 16.9

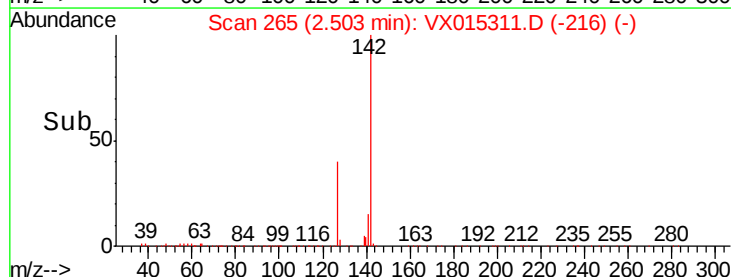
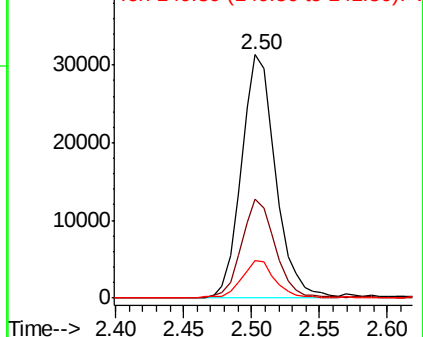


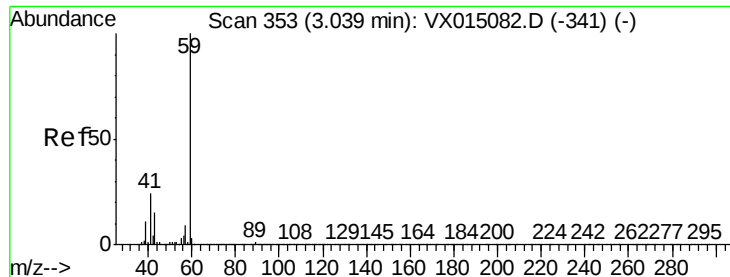
Abundance

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



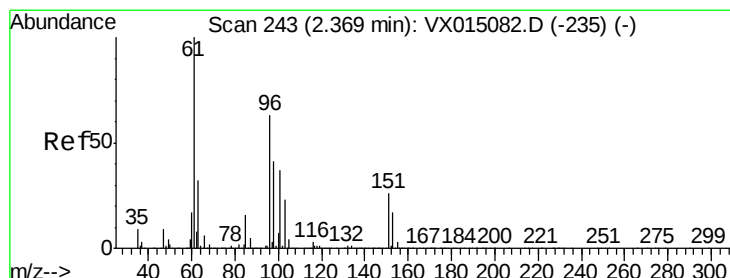
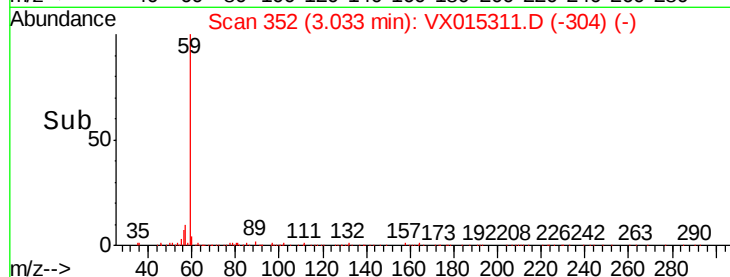
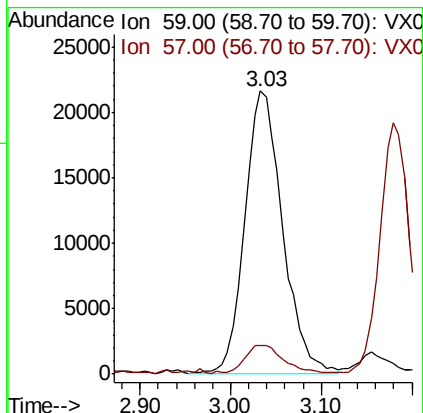
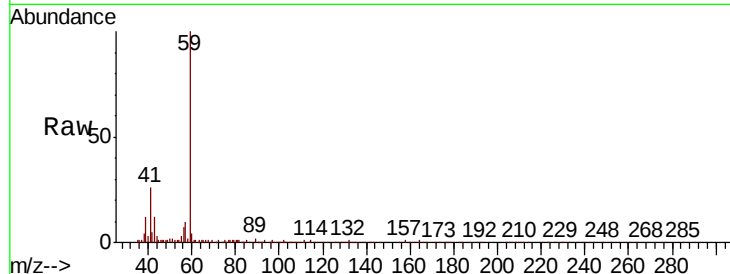


#11

Tert butyl alcohol
 Concen: 97.062 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

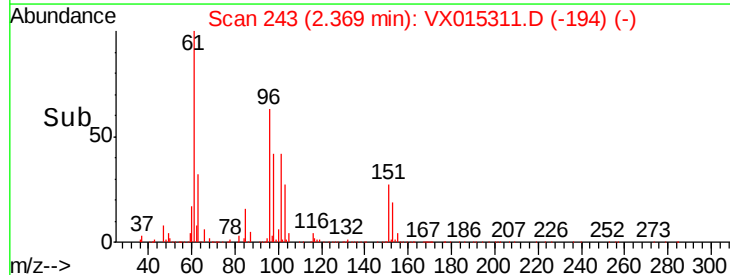
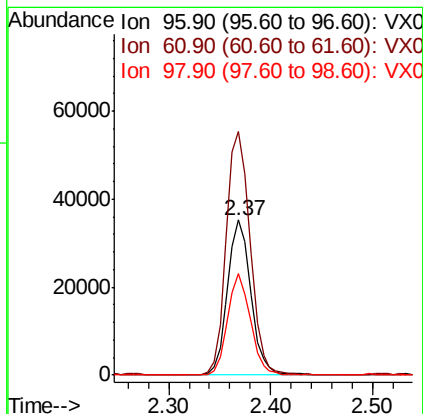
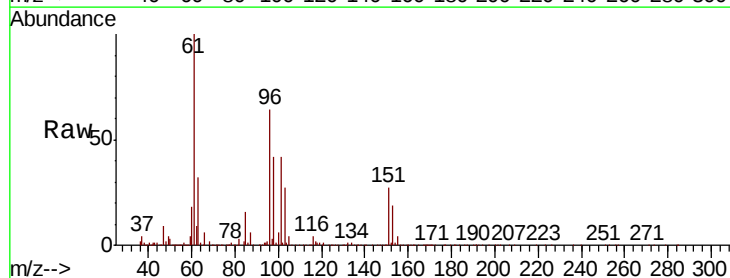
Tot Ion: 59 Resp: 61962
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

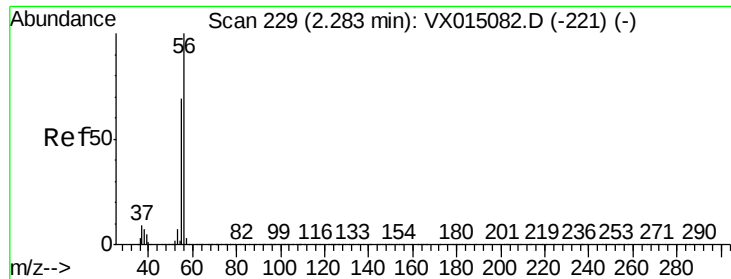


#12

1,1-Dichloroethene
 Concen: 18.612 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion: 96 Resp: 56093
 Ion Ratio Lower Upper
 96 100
 61 157.1 126.2 189.4
 98 65.9 51.4 77.0





#13

Acrolein

Concen: 80.024 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

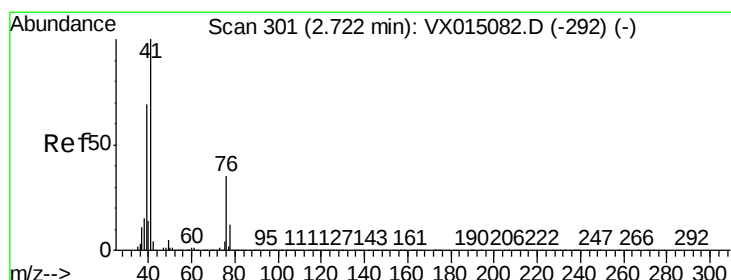
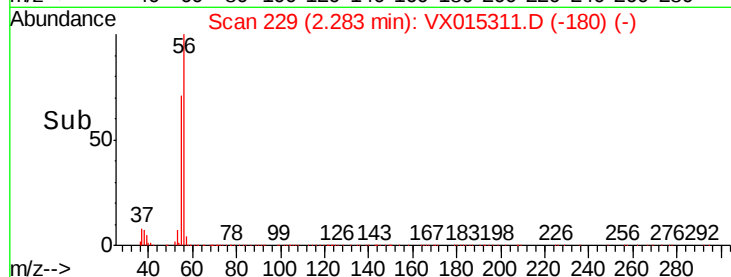
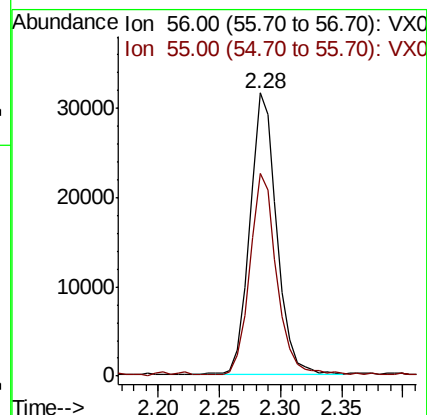
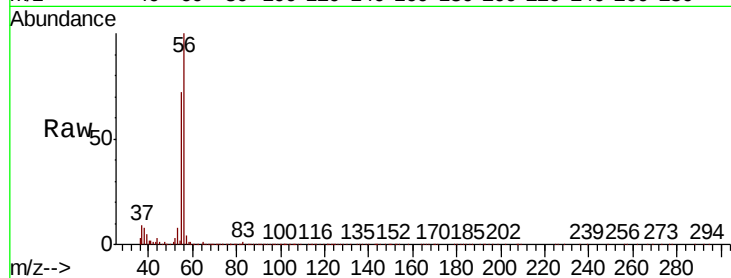
VX0317WBS01

Tot Ion: 56 Resp: 48008

Ion Ratio Lower Upper

56 100

55 72.2 55.4 83.0



#14

Allyl chloride

Concen: 20.156 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

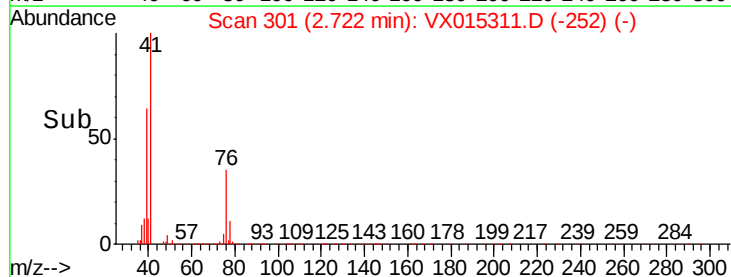
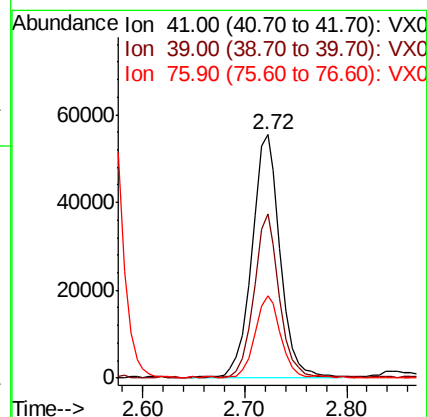
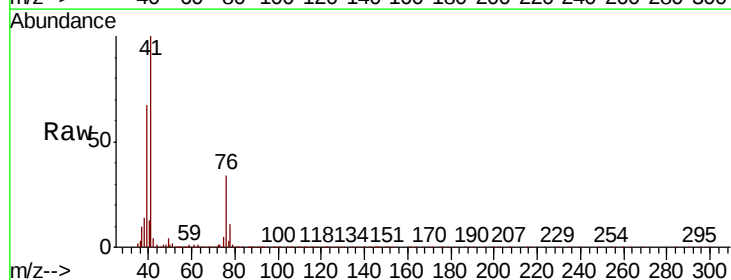
Tgt Ion: 41 Resp: 105924

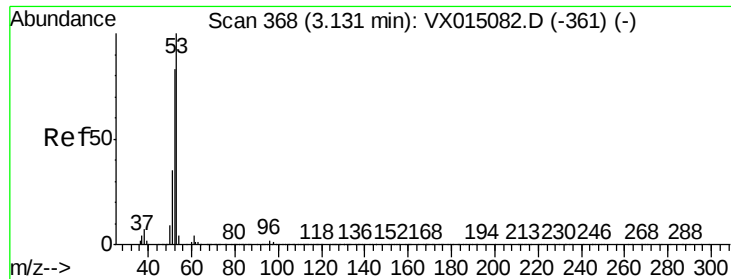
Ion Ratio Lower Upper

41 100

39 60.2 52.9 79.3

76 30.1 26.8 40.2

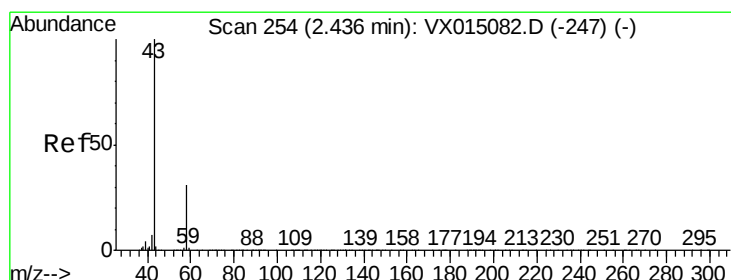
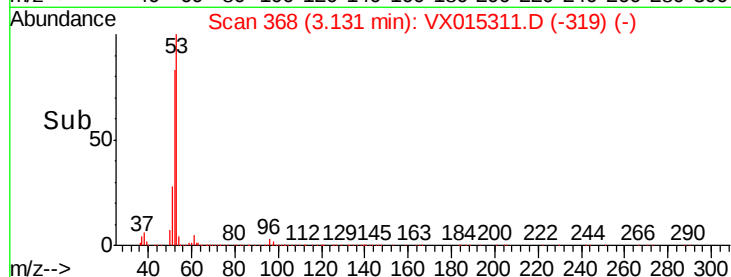
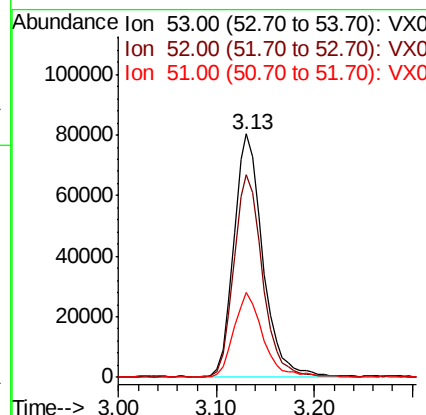
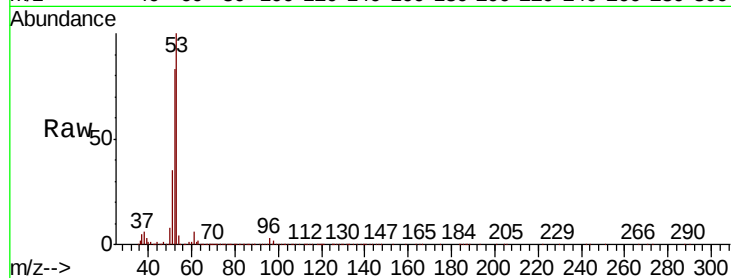




#15
 Acrylonitrile
 Concen: 102.732 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

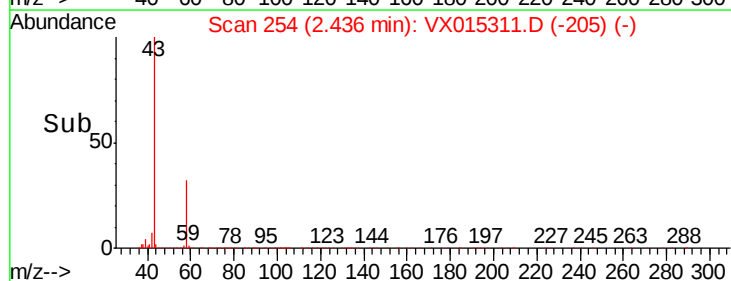
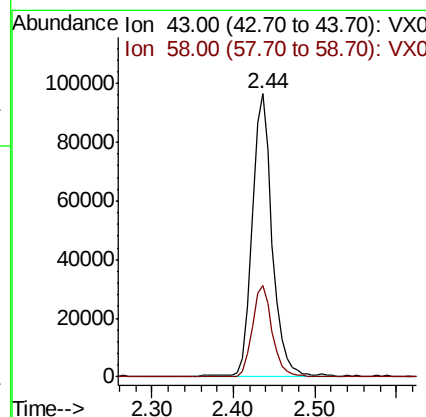
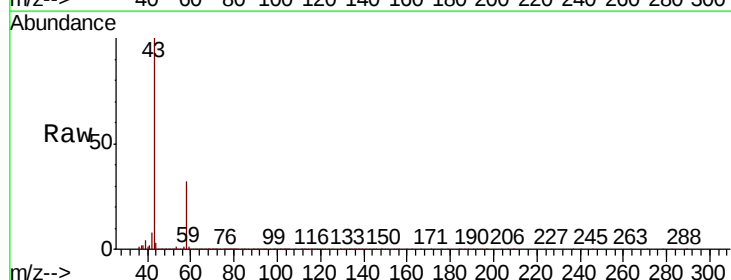
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0317WBS01

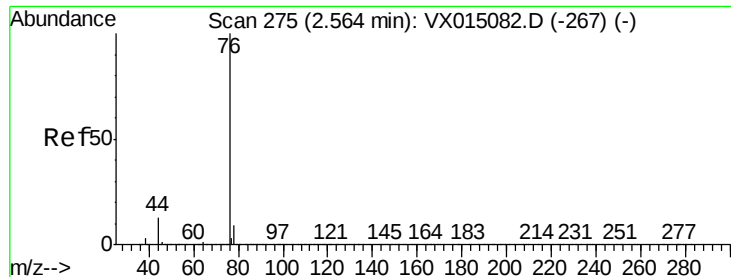
Tot Ion:	53	Resp:	163325
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.6	100.0
51	36.1	29.0	43.6



#16
 Acetone
 Concen: 109.798 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion:	43	Resp:	163609
Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.8	37.2





#17

Carbon Disulfide

Concen: 17.032 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

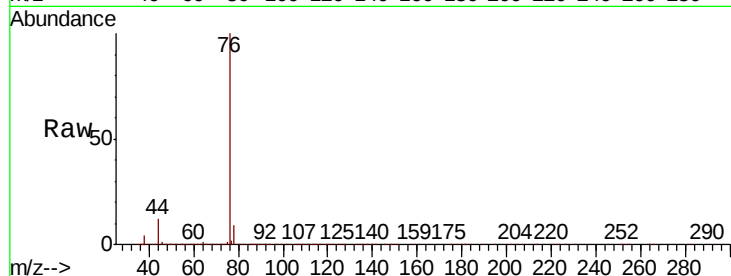
VX0317WBS01

Tot Ion: 76 Resp: 142557

Ion Ratio Lower Upper

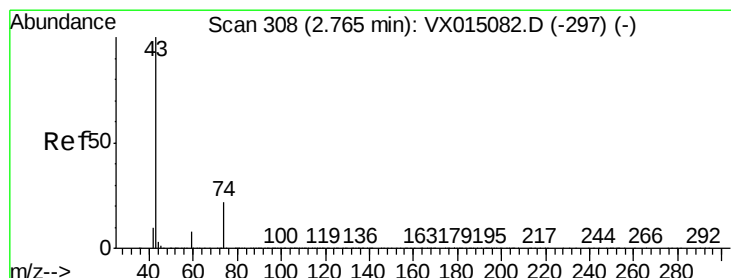
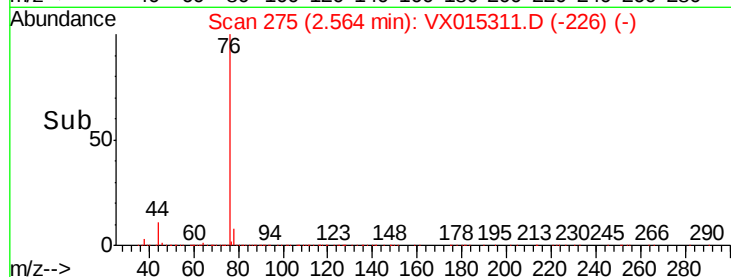
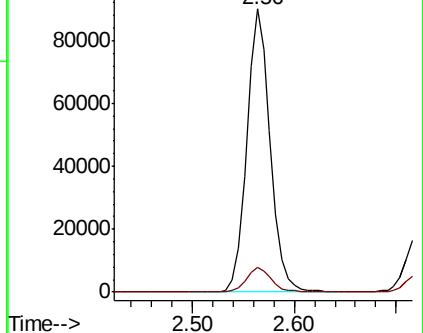
76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.589 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015311.D

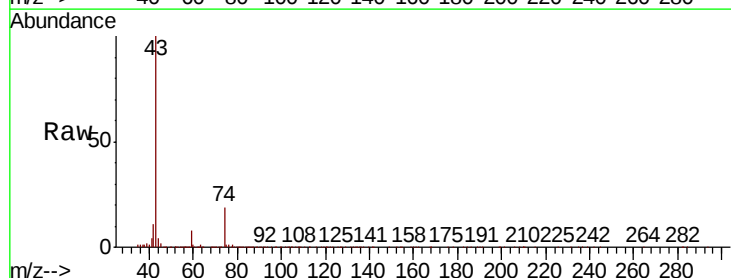
Acq: 17 Mar 2020 09:48

Tgt Ion: 43 Resp: 75016

Ion Ratio Lower Upper

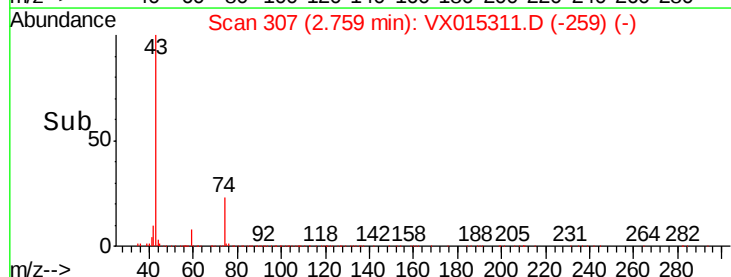
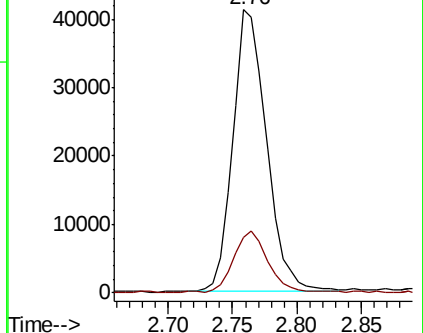
43 100

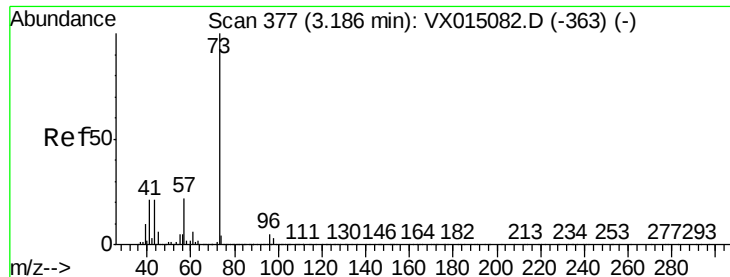
74 22.7 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



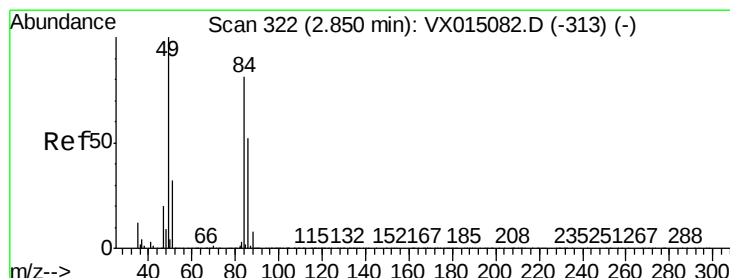
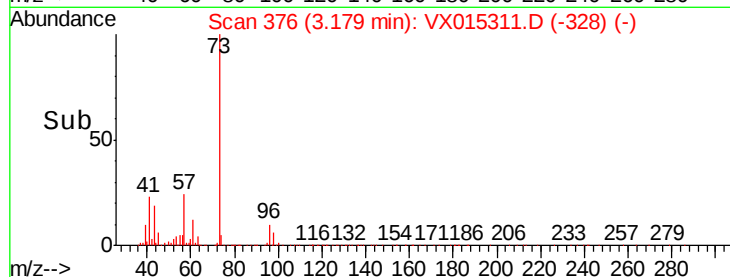
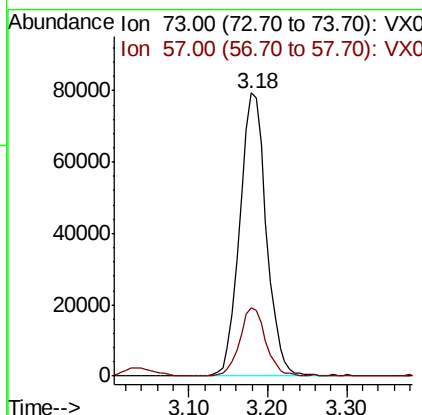
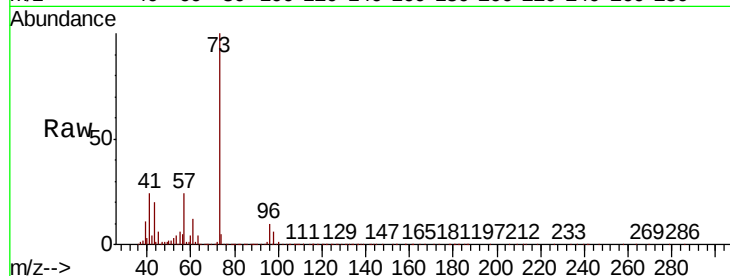


#19

Methyl tert-butyl Ether
 Concen: 19.842 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

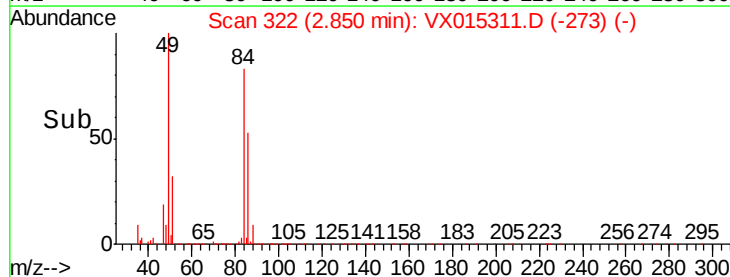
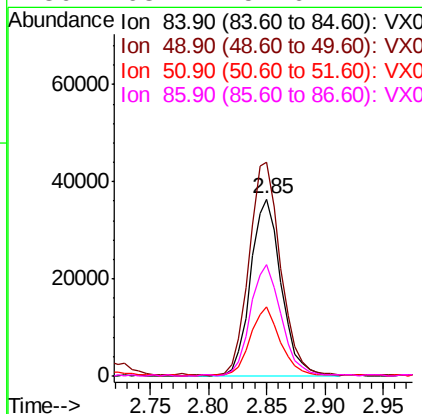
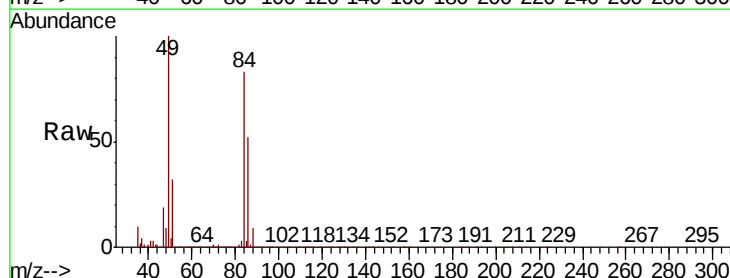
Tot Ion: 73 Resp: 186868
 Ion Ratio Lower Upper
 73 100
 57 24.0 17.8 26.6

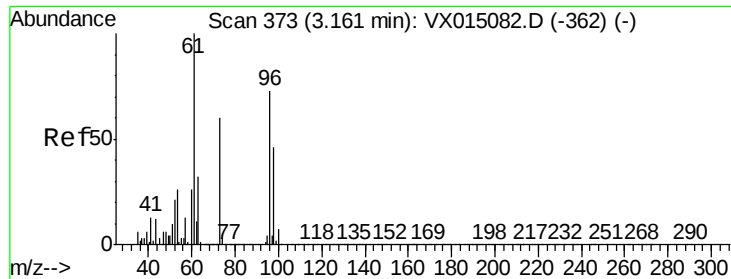


#20

Methylene Chloride
 Concen: 19.130 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion: 84 Resp: 66712
 Ion Ratio Lower Upper
 84 100
 49 120.8 99.4 149.2
 51 38.6 31.5 47.3
 86 63.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.853 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

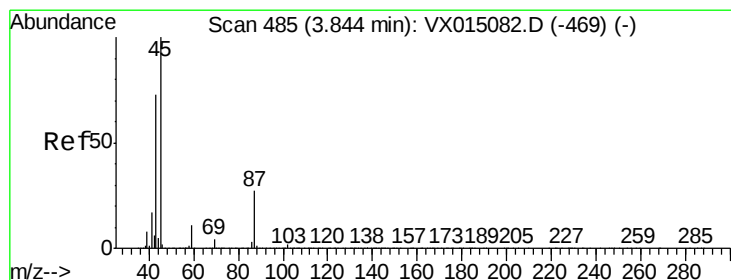
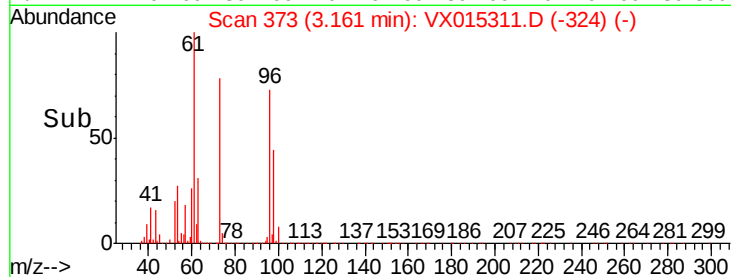
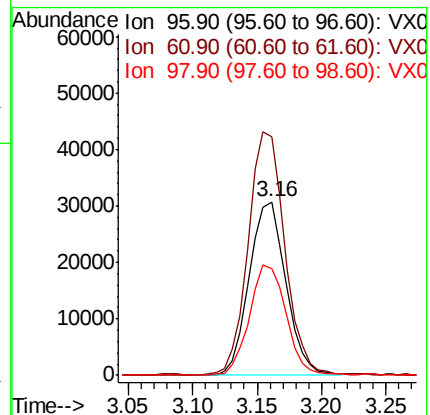
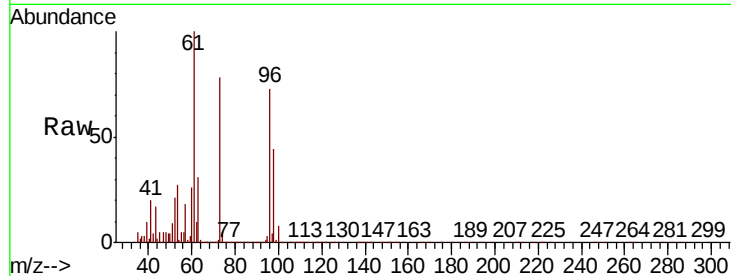
Tot Ion: 96 Resp: 60672

Ion Ratio Lower Upper

96 100

61 136.8 109.9 164.9

98 60.6 50.2 75.2



#22

Diisopropyl ether

Concen: 21.091 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion: 45 Resp: 220822

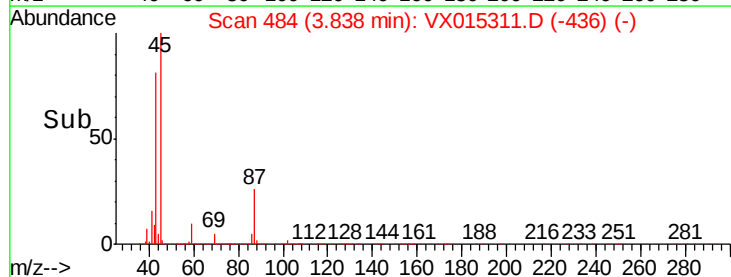
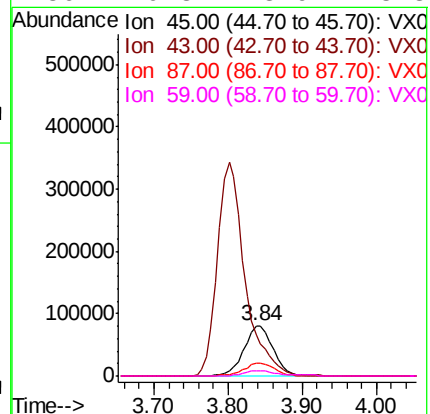
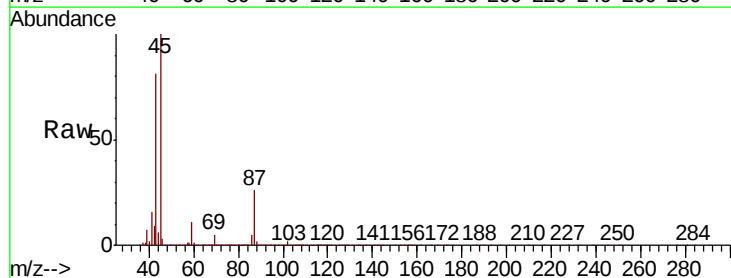
Ion Ratio Lower Upper

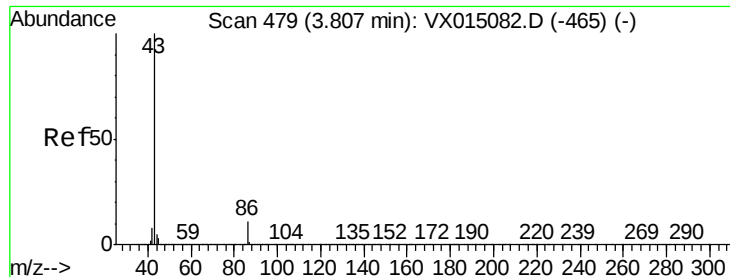
45 100

43 80.8 58.2 87.2

87 25.9 21.2 31.8

59 10.3 8.9 13.3





#23

Vinyl Acetate

Concen: 102.790 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

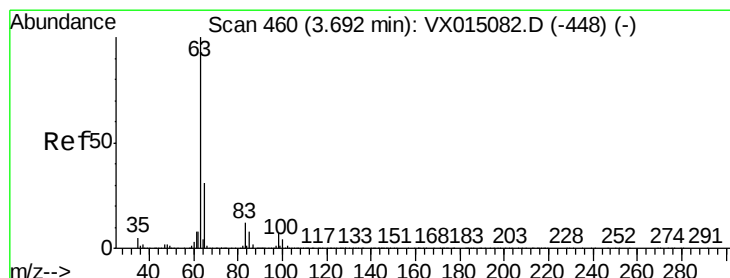
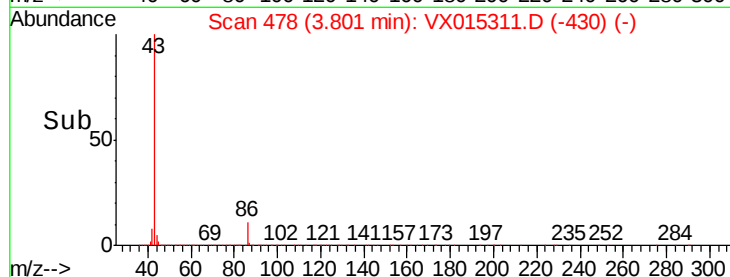
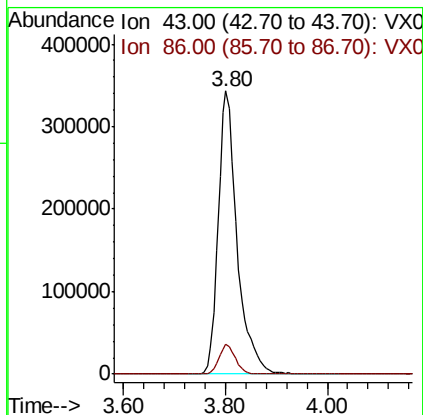
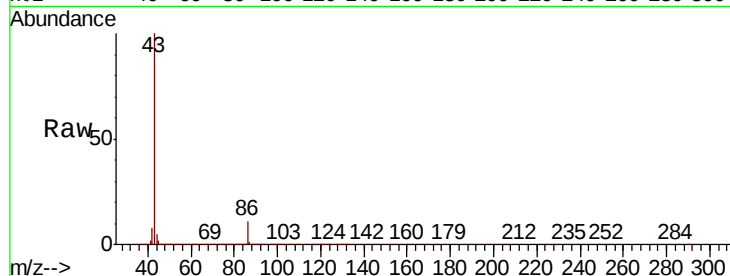
VX0317WBS01

Tot Ion: 43 Resp: 884653

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.648 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

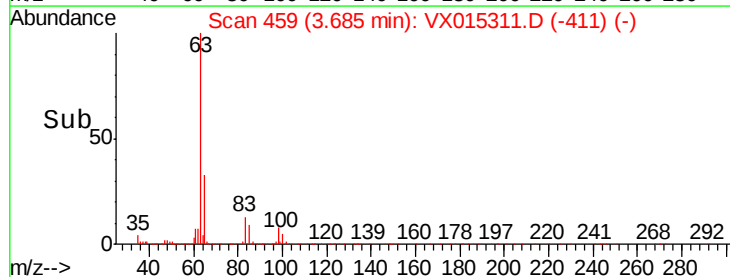
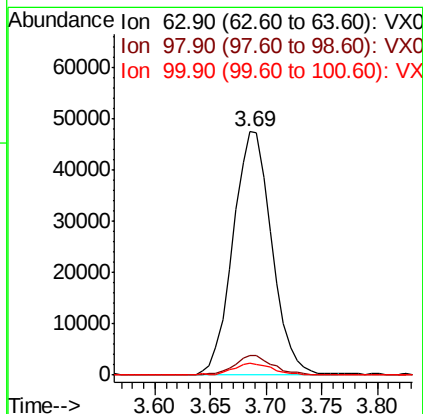
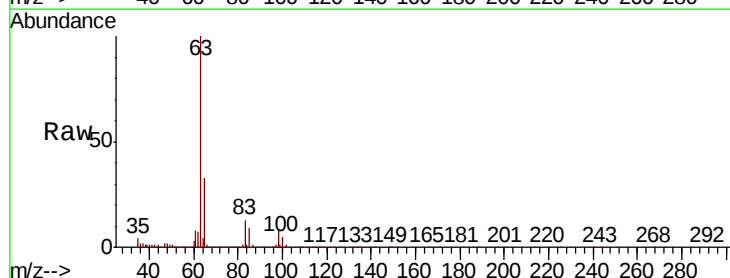
Tgt Ion: 63 Resp: 114170

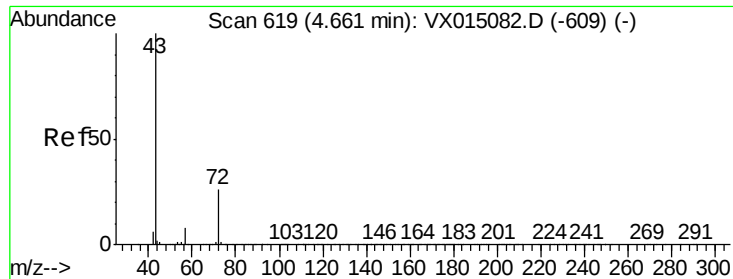
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 105.621 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

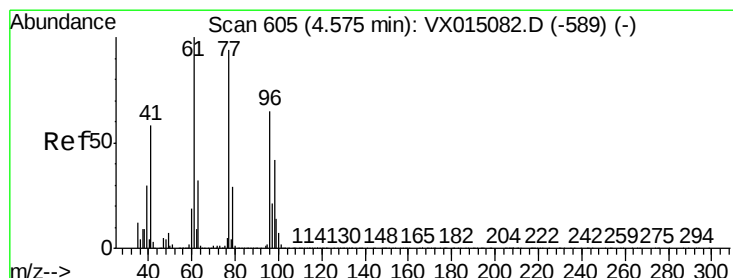
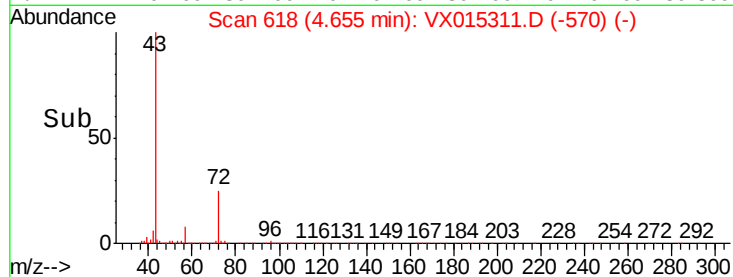
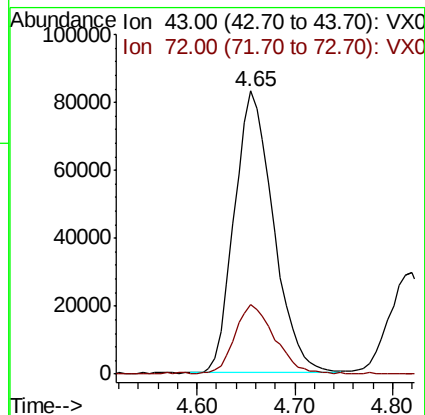
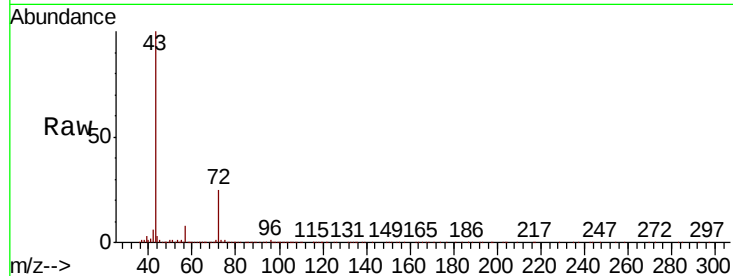
VX0317WBS01

Tot Ion: 43 Resp: 230411

Ion Ratio Lower Upper

43 100

72 24.5 20.6 30.8



#26

2,2-Dichloropropane

Concen: 18.764 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015311.D

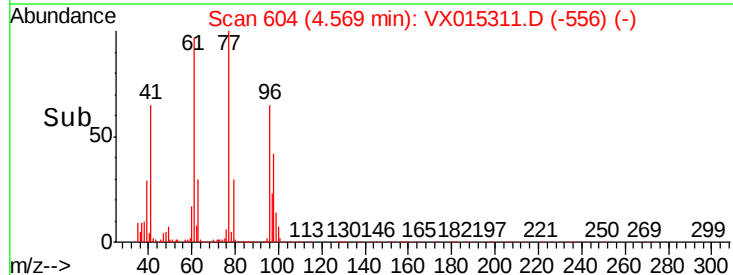
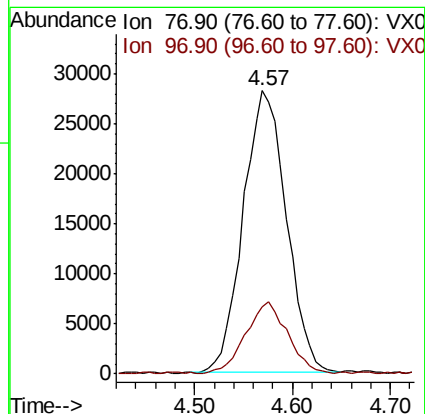
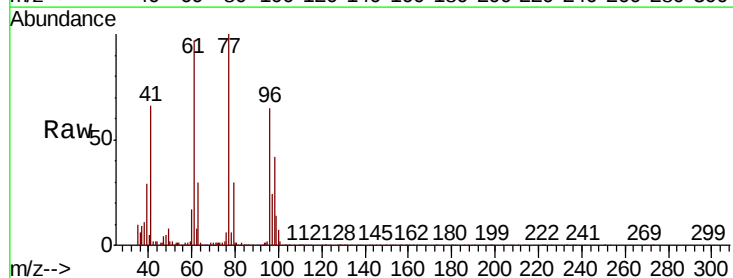
Acq: 17 Mar 2020 09:48

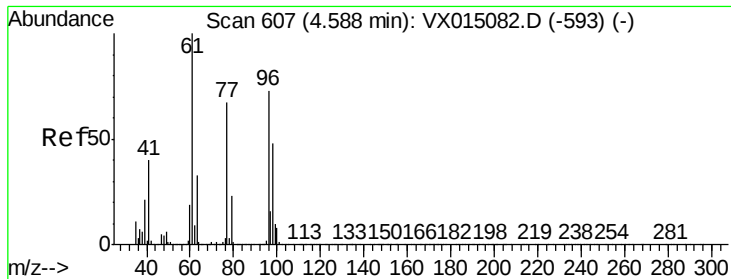
Tgt Ion: 77 Resp: 86560

Ion Ratio Lower Upper

77 100

97 25.1 11.8 35.4



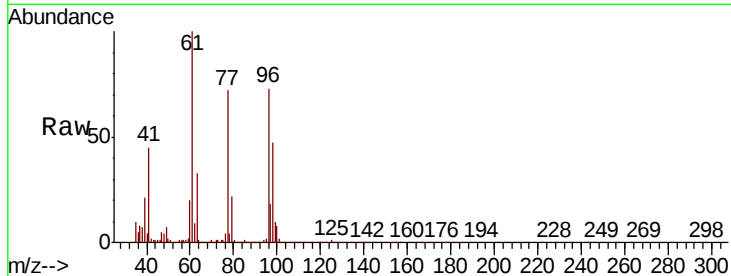


#27

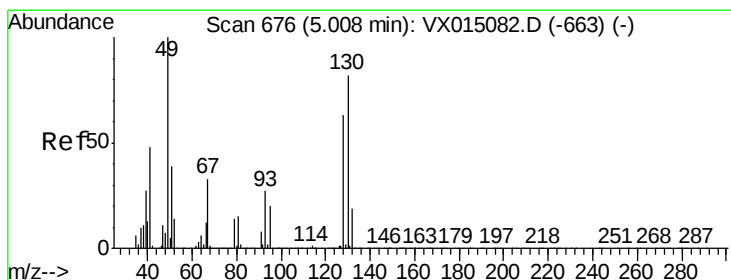
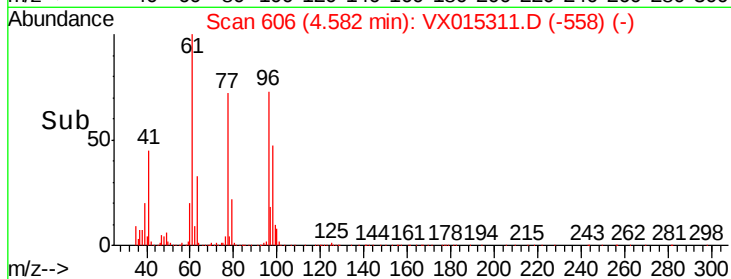
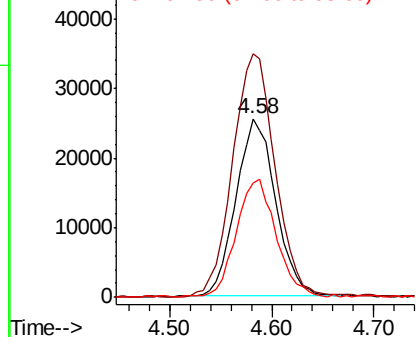
cis-1,2-Dichloroethene
 Concen: 19.093 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	286.8
98	67.1	0.0	128.4



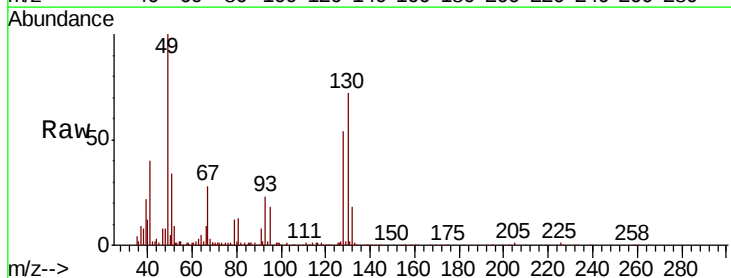
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



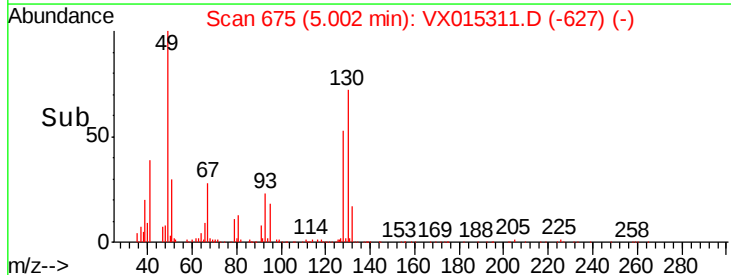
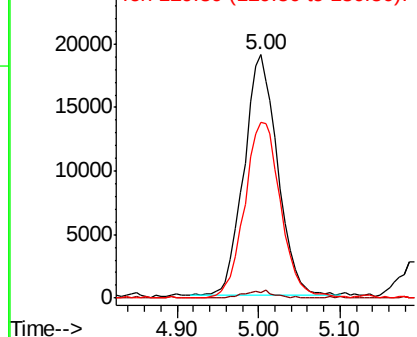
#28

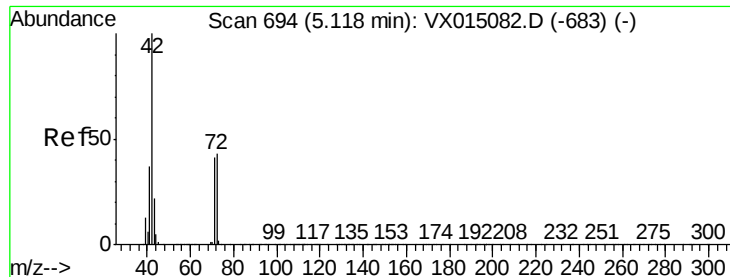
Bromochloromethane
 Concen: 20.628 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	78.2	65.0	97.6



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





#29

Tetrahydrofuran

Concen: 100.980 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

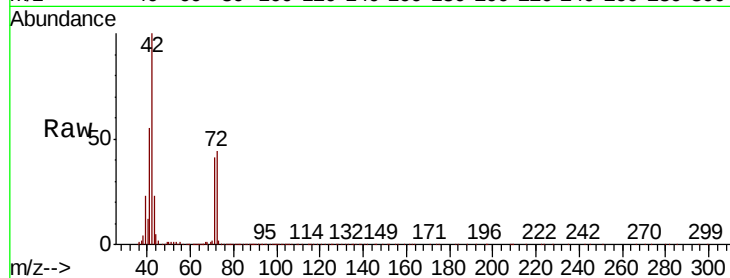
Tot Ion: 42 Resp: 142000

Ion Ratio Lower Upper

42 100

72 43.1 36.4 54.6

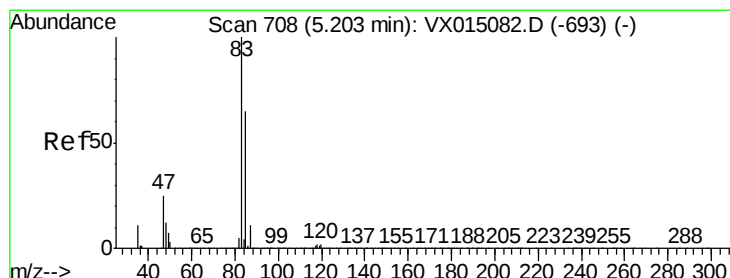
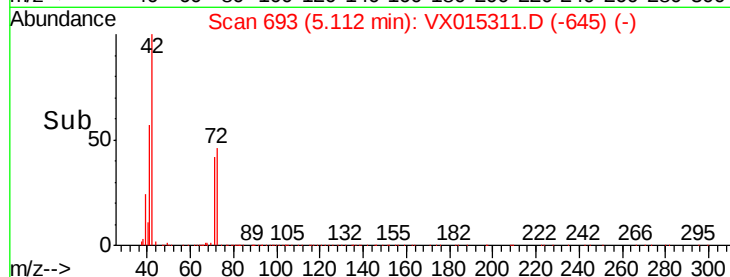
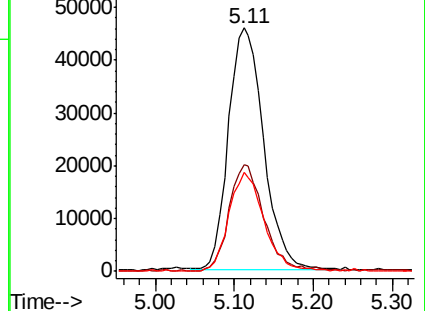
71 40.8 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.903 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015311.D

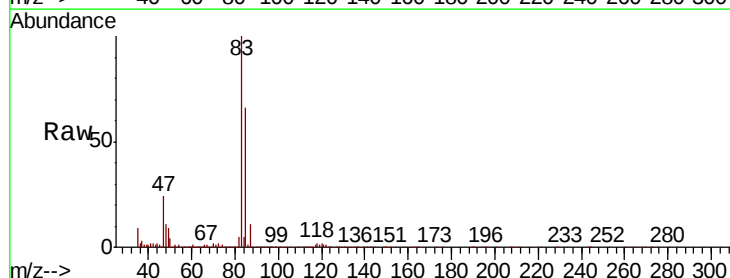
Acq: 17 Mar 2020 09:48

Tgt Ion: 83 Resp: 112725

Ion Ratio Lower Upper

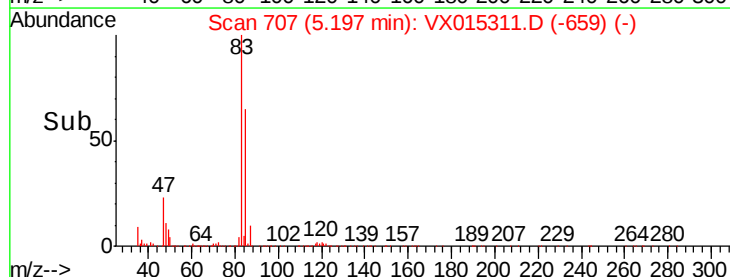
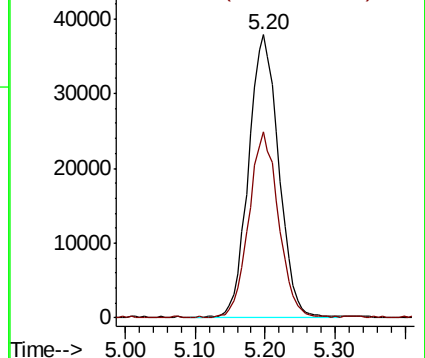
83 100

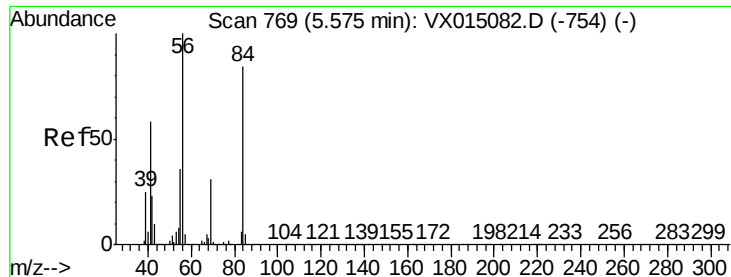
85 65.7 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

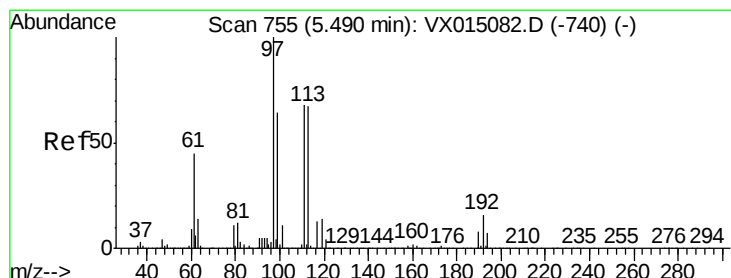
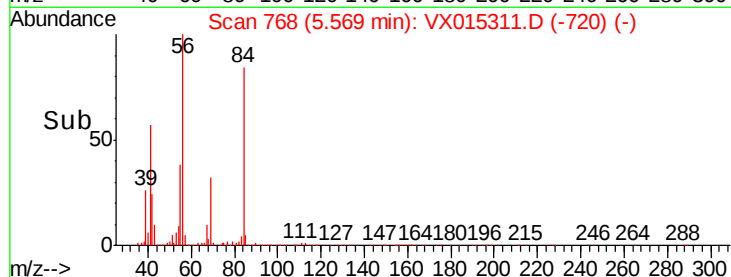
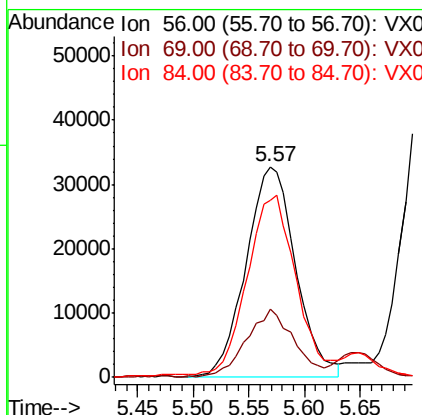
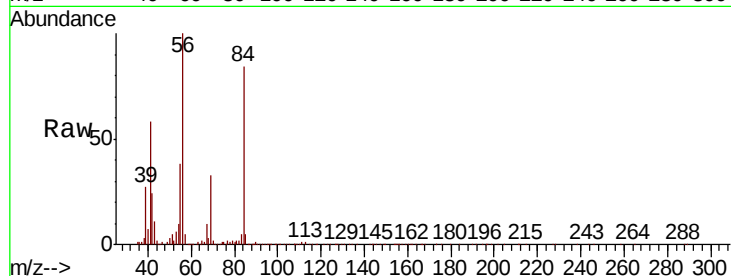




#31
Cyclohexane
Concen: 19.468 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

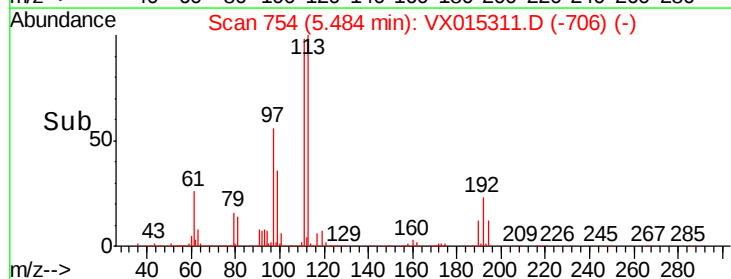
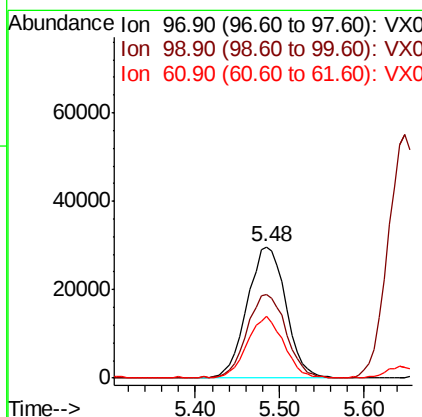
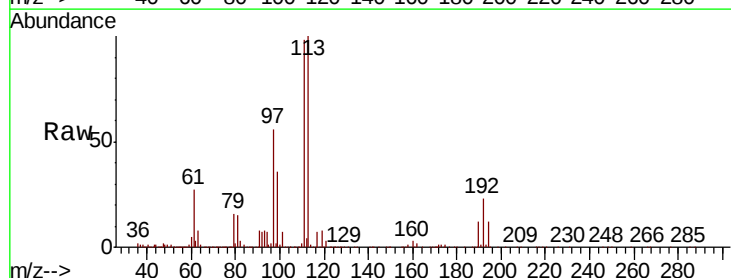
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

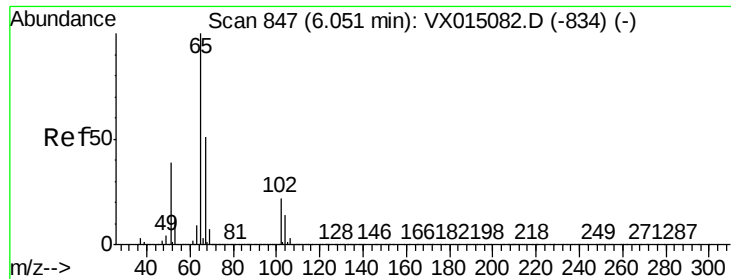
Tot Ion: 56 Resp: 100905
Ion Ratio Lower Upper
56 100
69 32.1 25.0 37.6
84 82.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.821 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 97 Resp: 93057
Ion Ratio Lower Upper
97 100
99 63.7 52.8 79.2
61 44.0 36.6 54.8

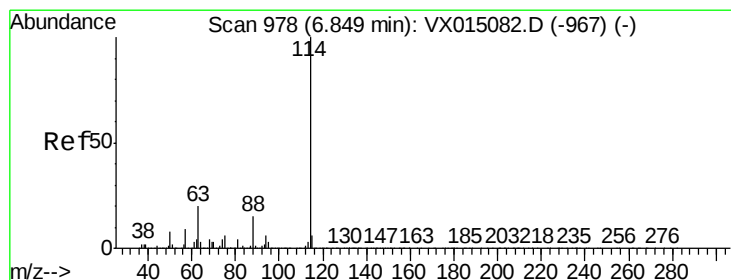
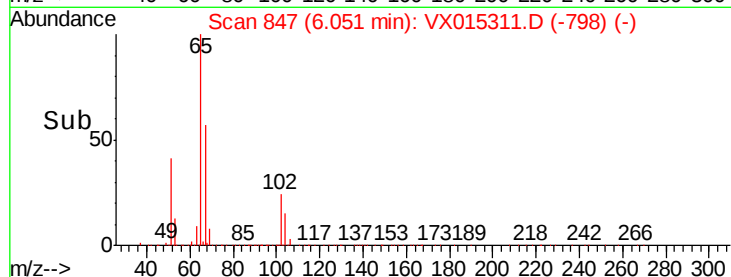
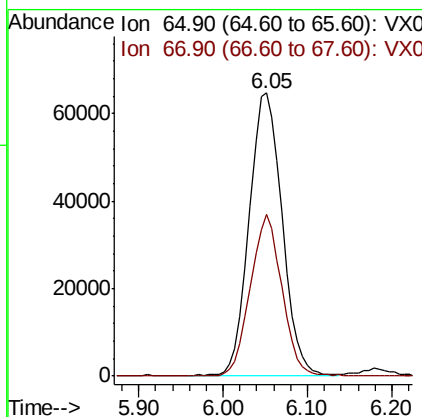
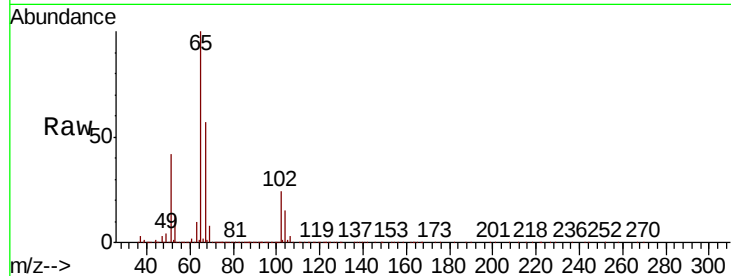




#33
 1,2-Dichloroethane-d4
 Concen: 46.791 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

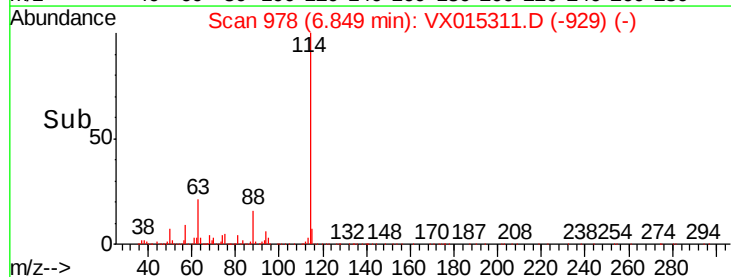
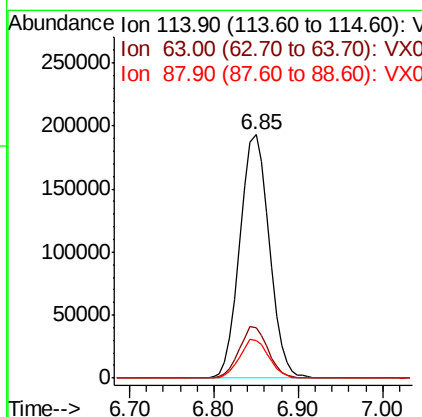
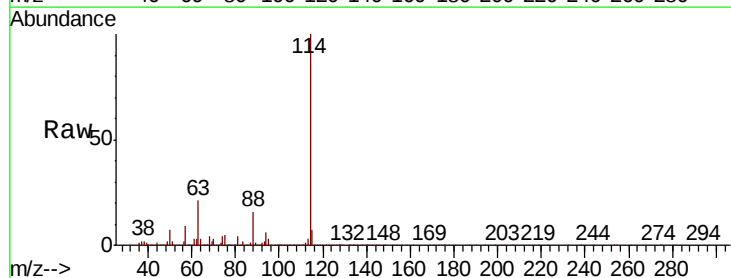
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

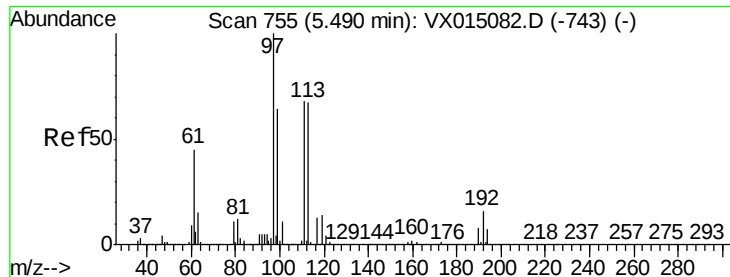
Tot Ion: 65 Resp: 172163
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion: 114 Resp: 455553
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.654 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

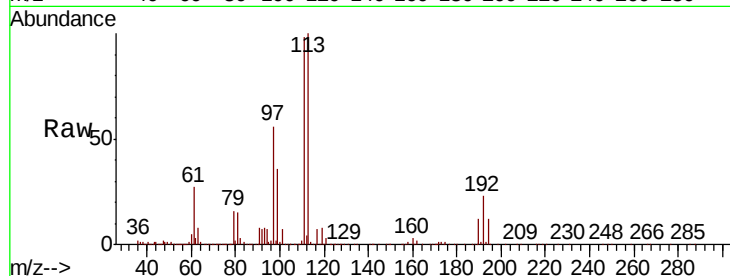
Tot Ion:113 Resp: 148452

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

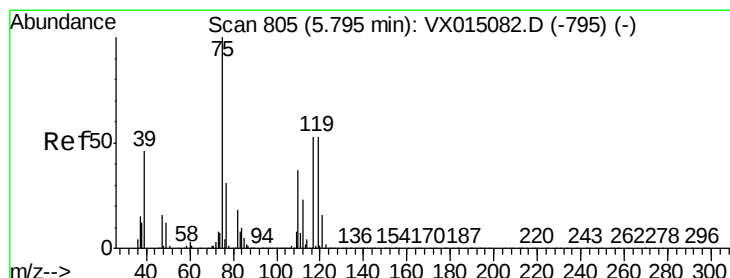
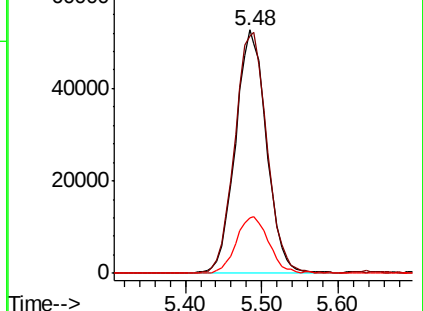
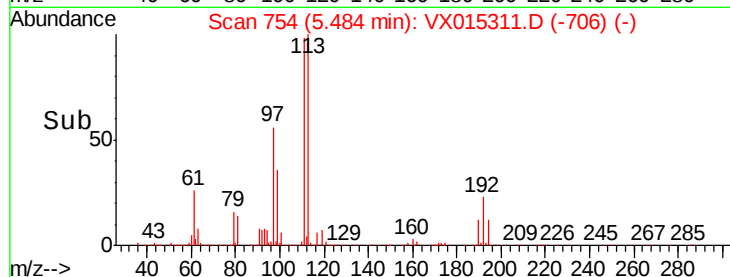
192 24.6 18.6 28.0



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: 19.563 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

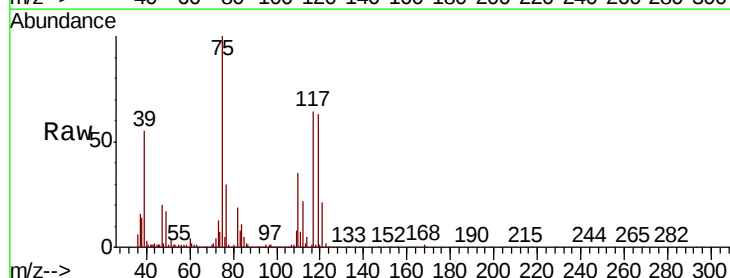
Tgt Ion: 75 Resp: 82386

Ion Ratio Lower Upper

75 100

110 37.5 17.9 53.8

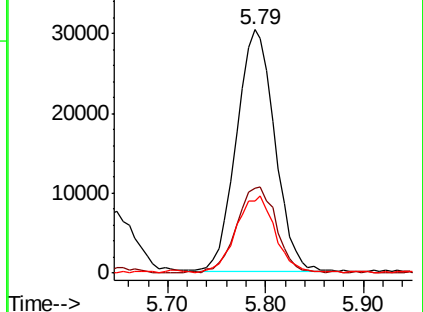
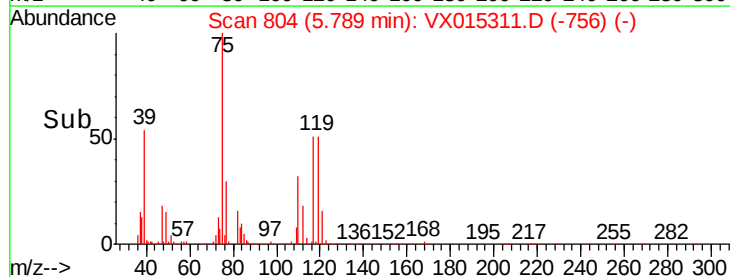
77 31.7 24.8 37.2

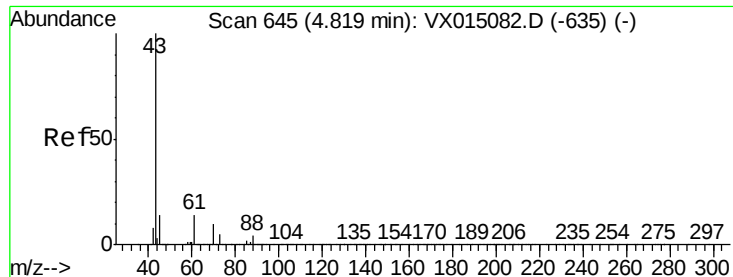


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

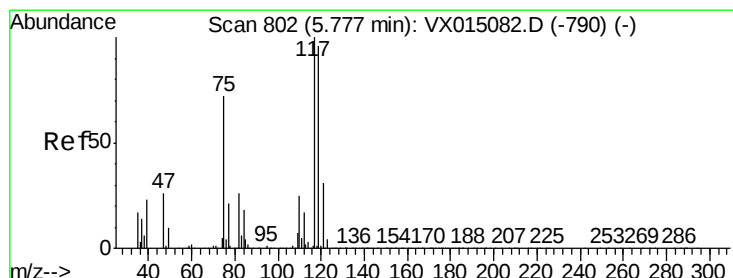
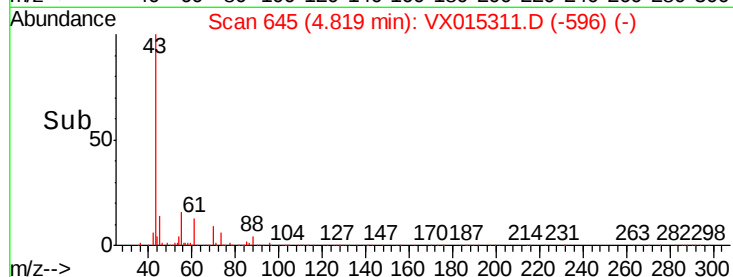
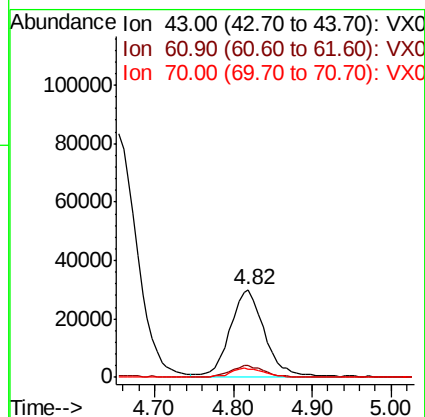
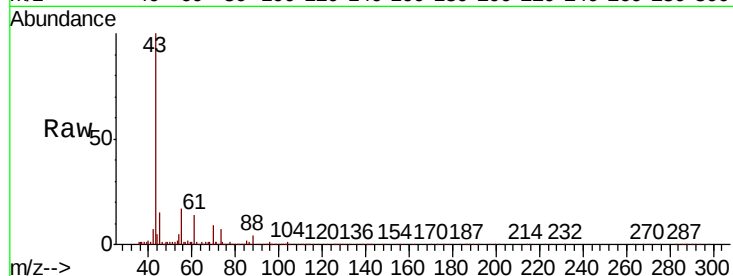




#37
Ethyl Acetate
Concen: 22.585 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

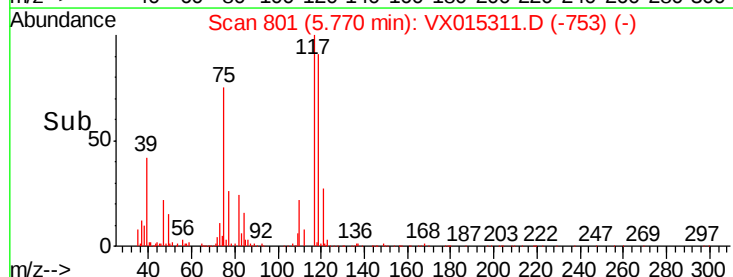
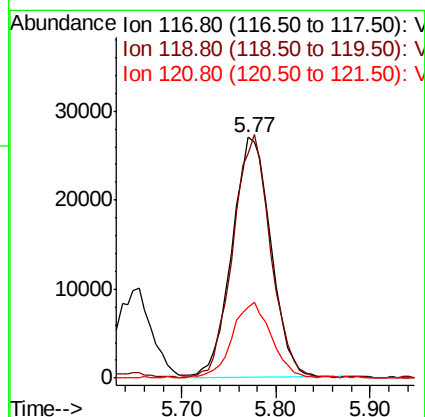
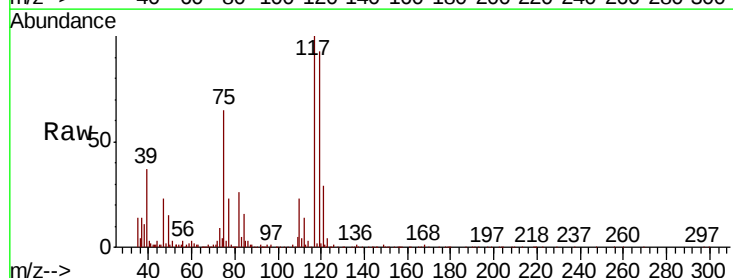
Instrument :
MSVOA_X
ClientSampled :
VX0317WBS01

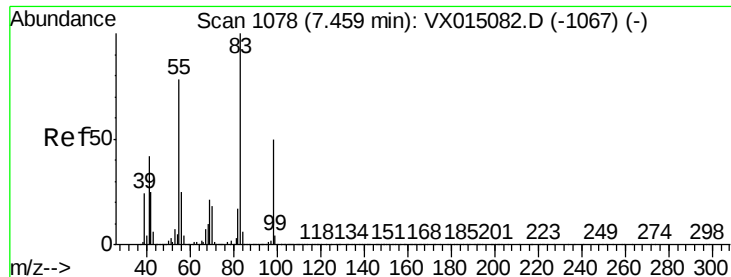
Tot Ion: 43 Resp: 88227
Ion Ratio Lower Upper
43 100
61 12.9 11.0 16.4
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.558 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 117 Resp: 77747
Ion Ratio Lower Upper
117 100
119 93.3 76.9 115.3
121 28.7 24.6 37.0

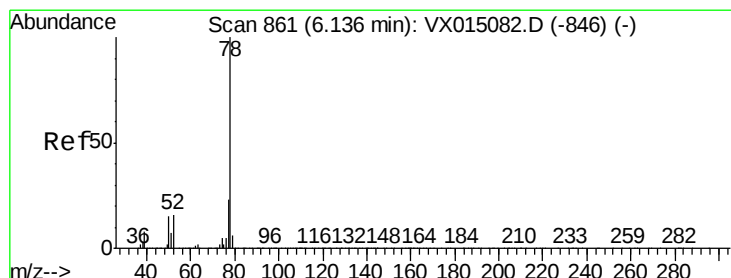
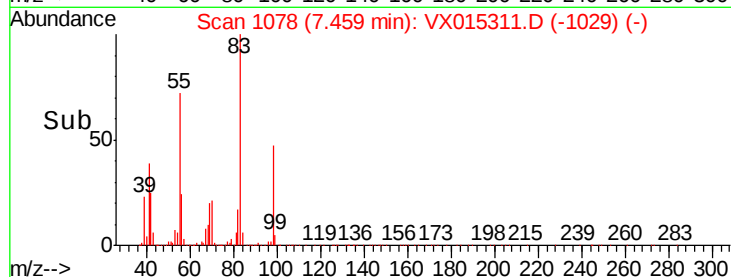
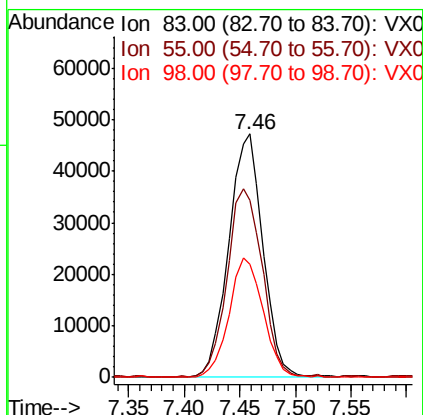
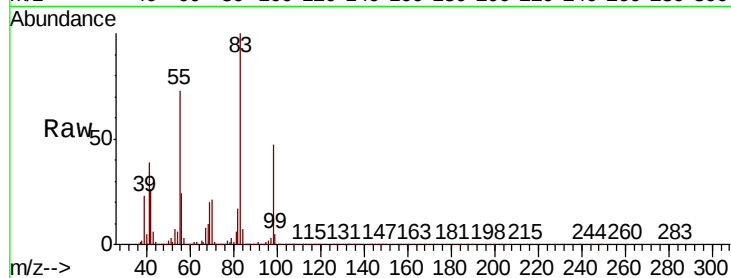




#39
Methvlcvclohexane
Concen: 20.326 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

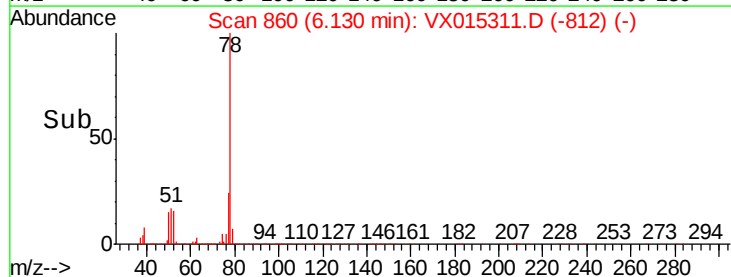
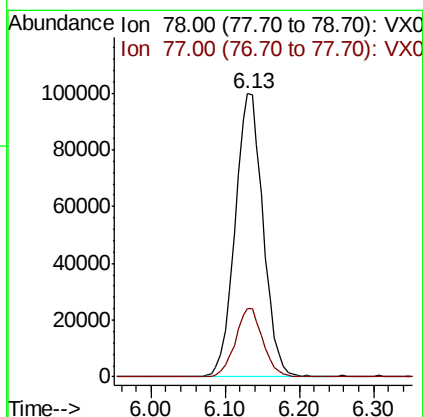
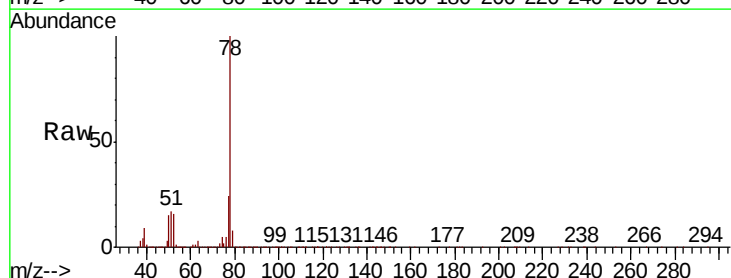
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

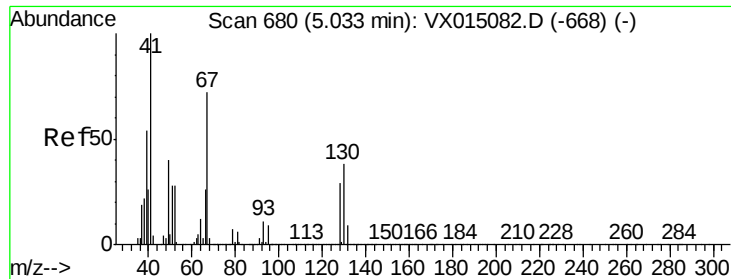
Tot Ion: 83 Resp: 99954
Ion Ratio Lower Upper
83 100
55 72.6 62.4 93.6
98 46.4 39.7 59.5



#40
Benzene
Concen: 20.977 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 78 Resp: 262106
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

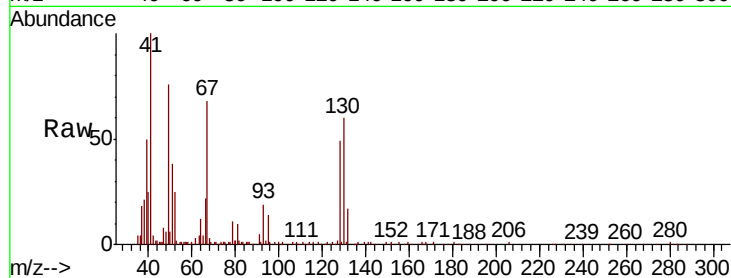




#41
Methacrylonitrile
Concen: 21.158 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion:	41	Resp:	49647
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.9	65.9
67	69.7	57.8	86.8
52	26.9	22.6	34.0



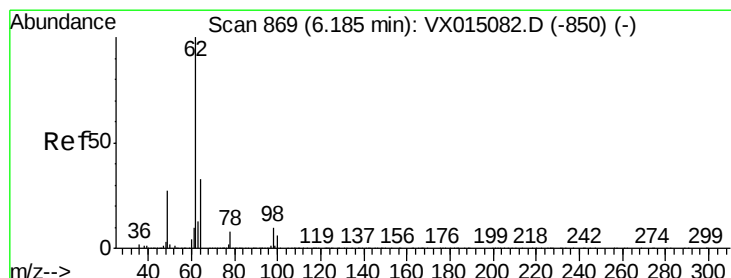
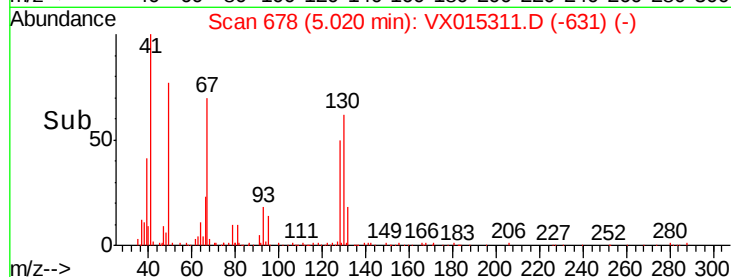
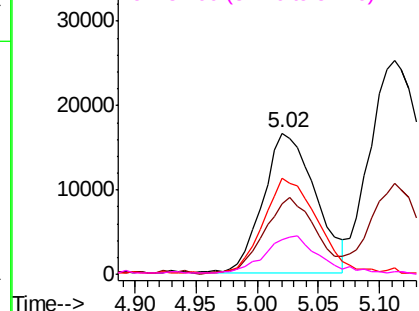
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

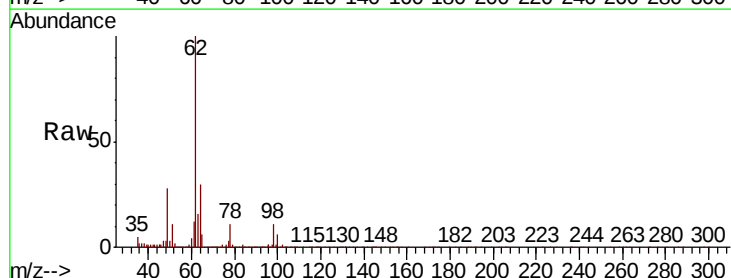
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.988 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

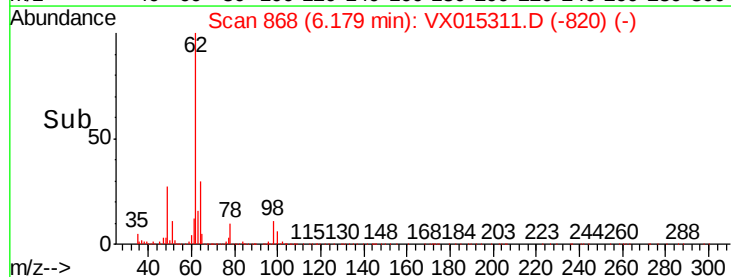
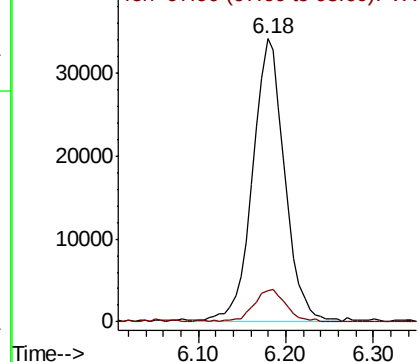
Tgt Ion:	62	Resp:	85767
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.6

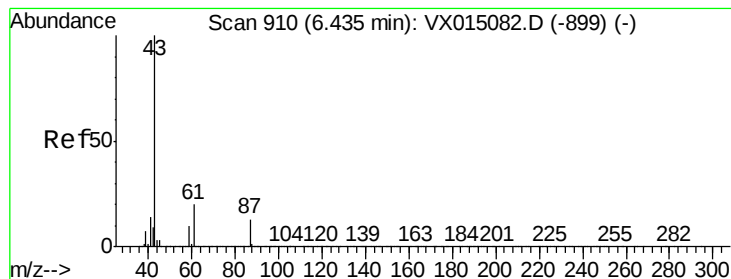


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



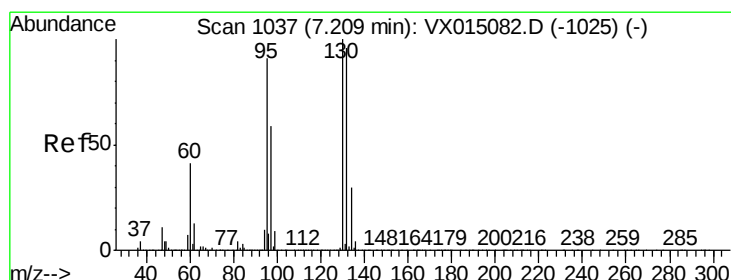
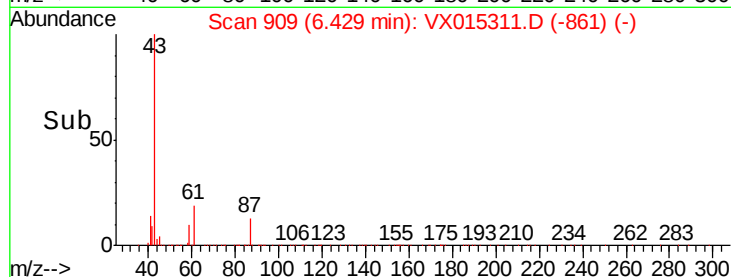
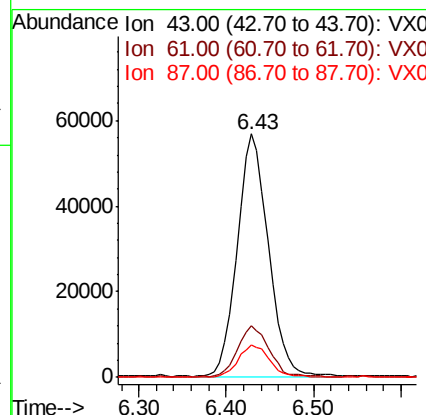
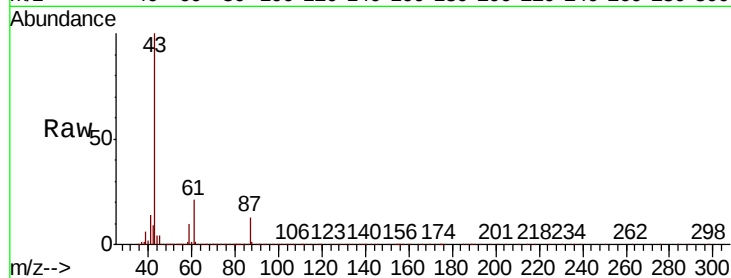


#43

Isopropyl Acetate
 Concen: 20.390 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

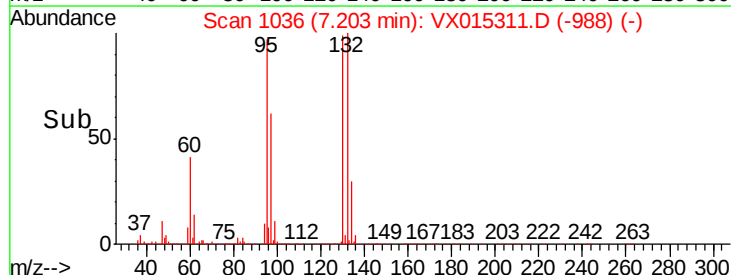
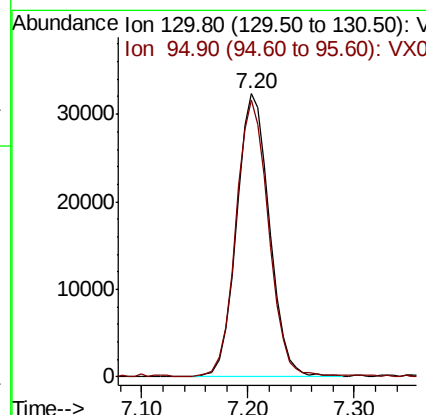
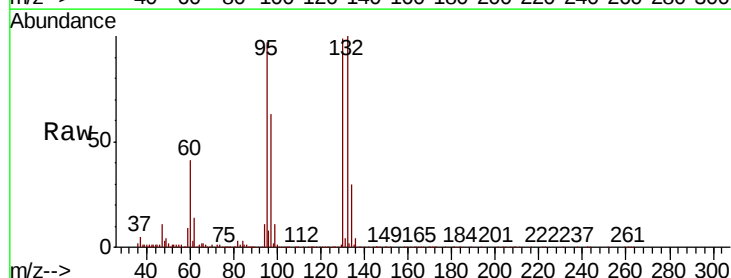
Tot Ion	43	Resp	140128
Ion Ratio	Lower	Upper	
43	100		
61	21.5	16.1	24.1
87	13.0	10.6	16.0

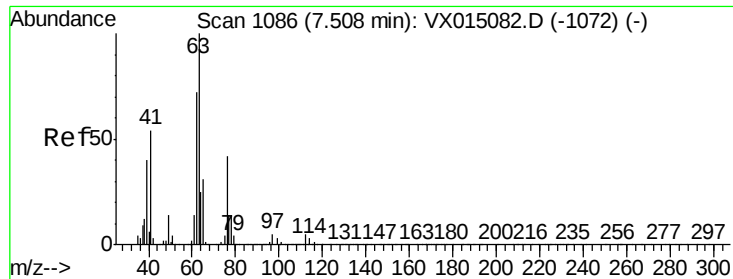


#44

Trichloroethene
 Concen: 20.090 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion	130	Resp	69906
Ion Ratio	Lower	Upper	
130	100		
95	97.8	0.0	181.2





#45

1,2-Dichloropropane

Concen: 21.693 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

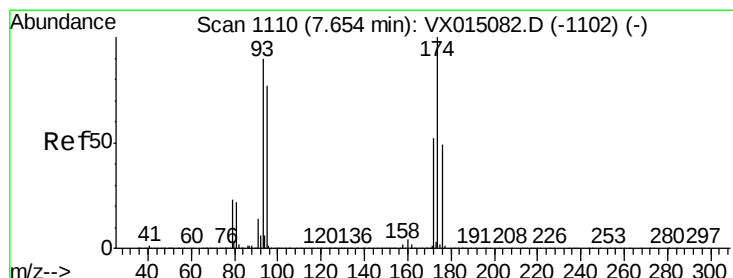
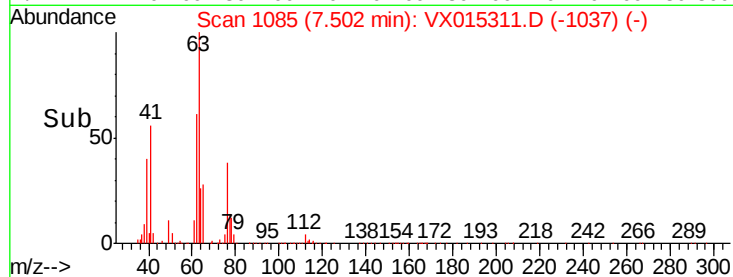
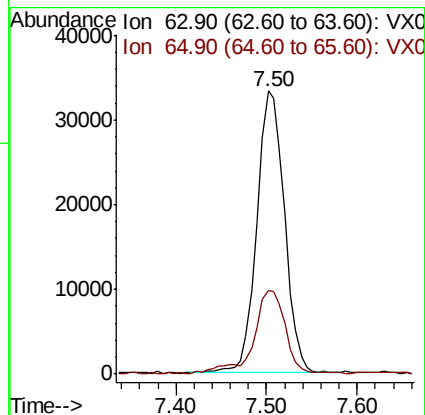
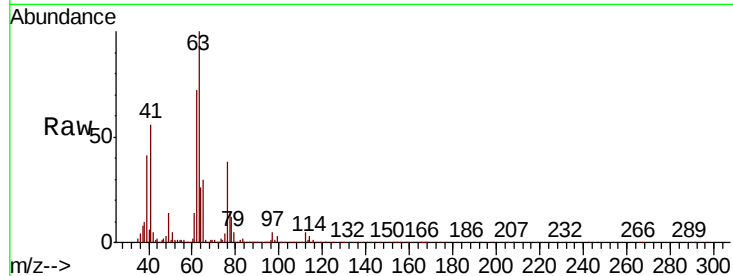
VX0317WBS01

Tot Ion: 63 Resp: 70157

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8



#46

Dibromomethane

Concen: 20.760 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

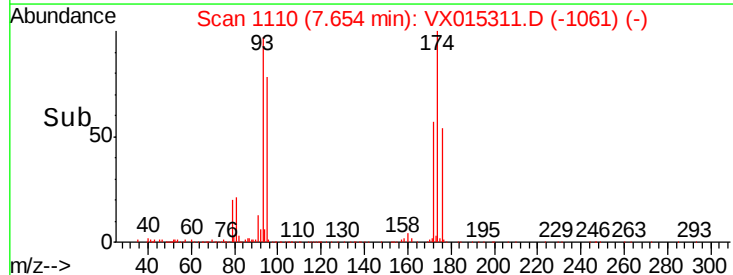
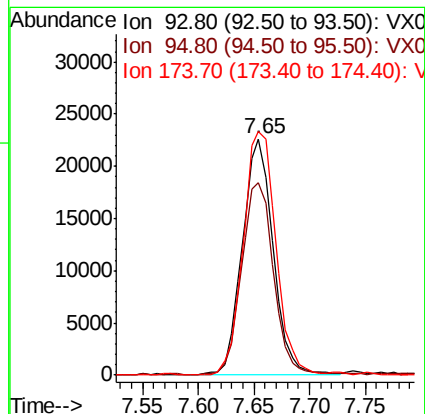
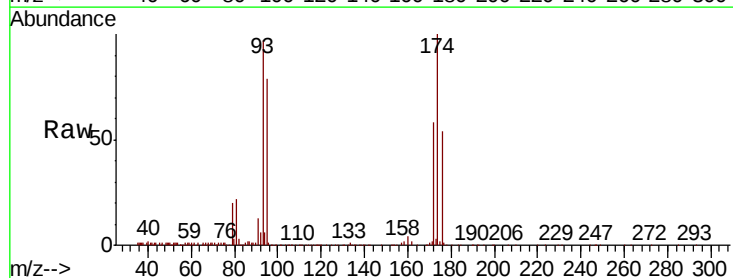
Tgt Ion: 93 Resp: 43748

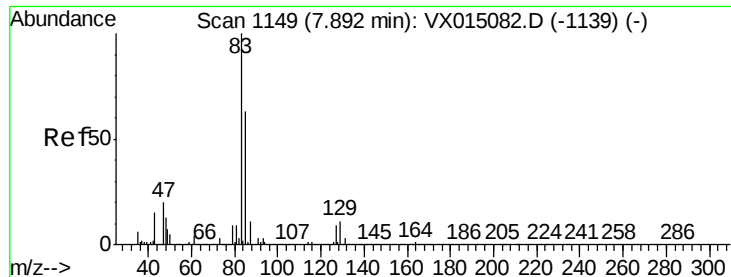
Ion Ratio Lower Upper

93 100

95 84.1 67.8 101.8

174 108.8 91.0 136.4





#47

Bromodichloromethane

Concen: 20.333 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

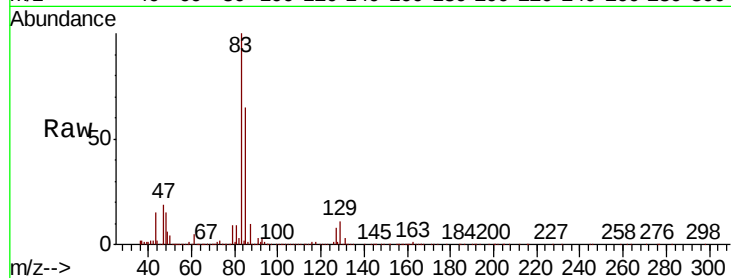
Tot Ion: 83 Resp: 84733

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

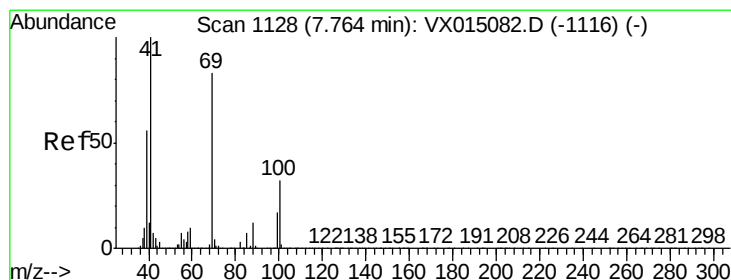
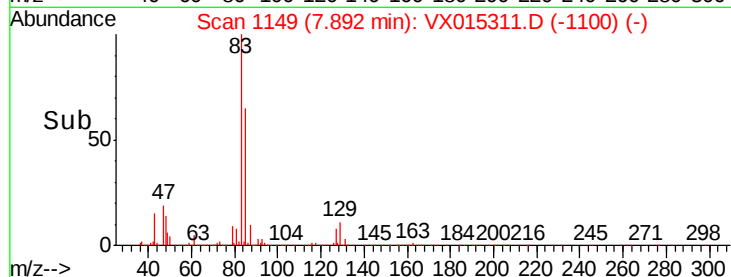
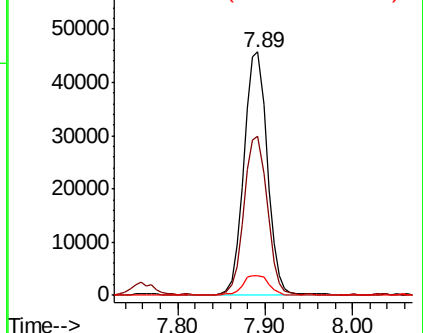
127 8.0 7.1 10.7



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: 20.014 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

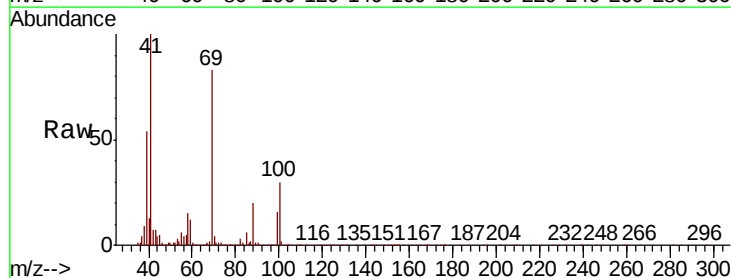
Tgt Ion: 41 Resp: 70006

Ion Ratio Lower Upper

41 100

69 82.3 65.4 98.2

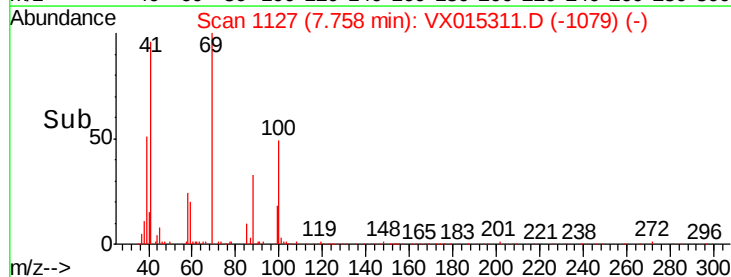
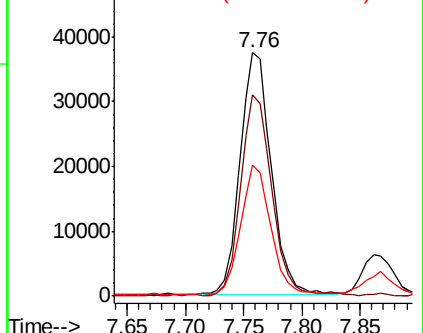
39 52.0 44.6 67.0

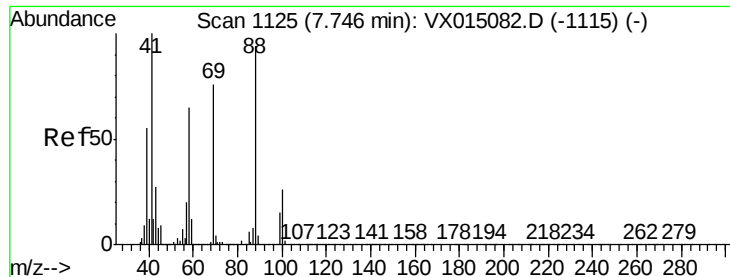


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 403.131 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

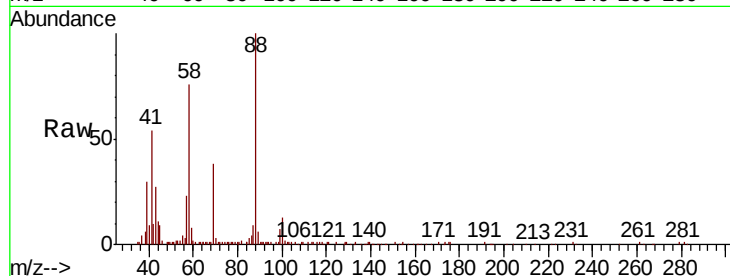
Tot Ion: 88 Resp: 30487

Ion Ratio Lower Upper

88 100

43 36.4 27.0 40.4

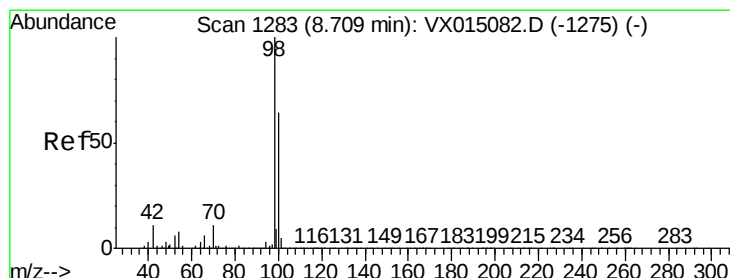
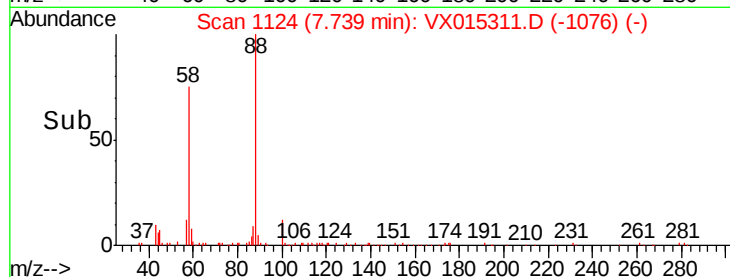
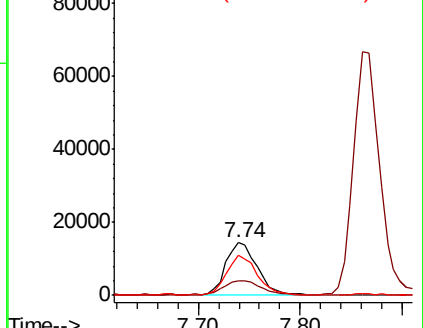
58 72.9 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.179 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015311.D

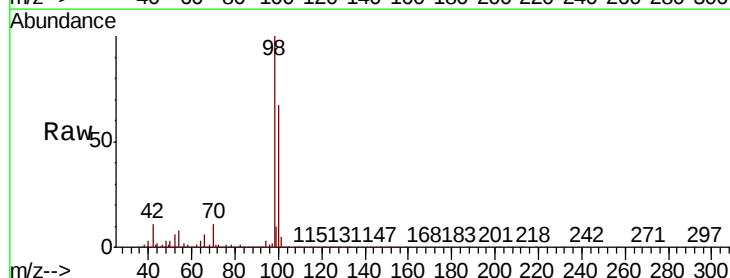
Acq: 17 Mar 2020 09:48

Tgt Ion: 98 Resp: 570424

Ion Ratio Lower Upper

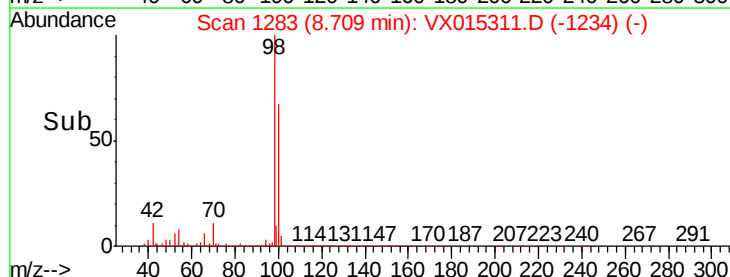
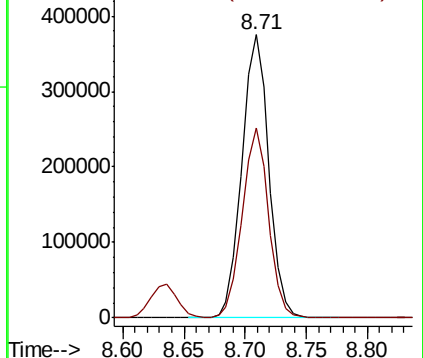
98 100

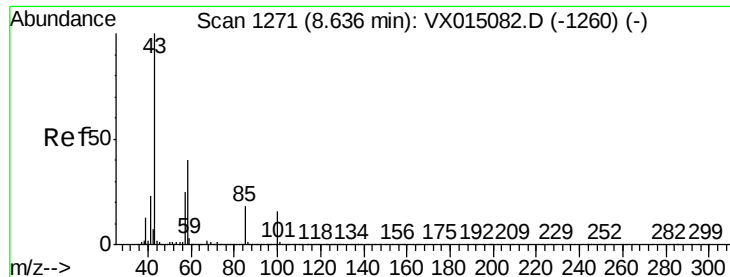
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

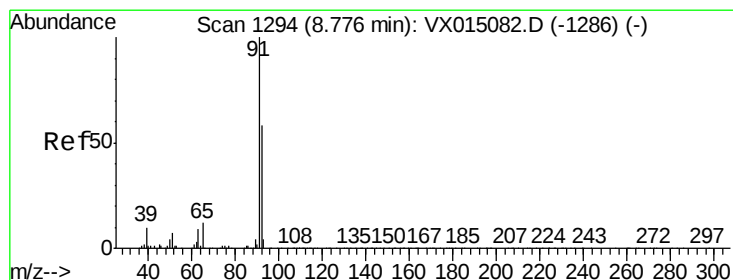
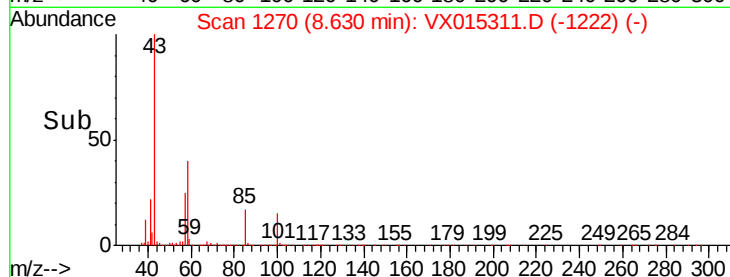
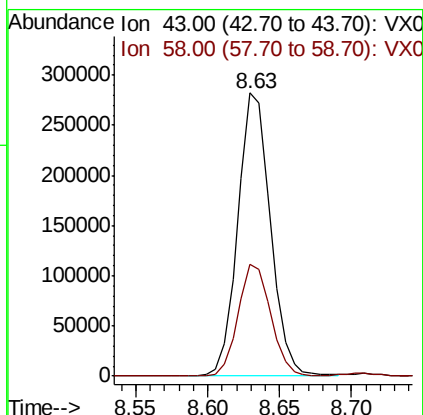
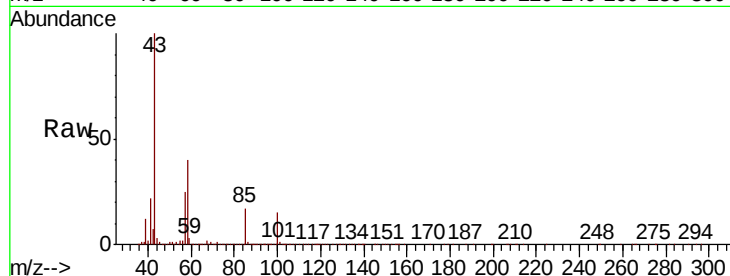




#51
4-Methyl-2-Pentanone
Concen: 109.252 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

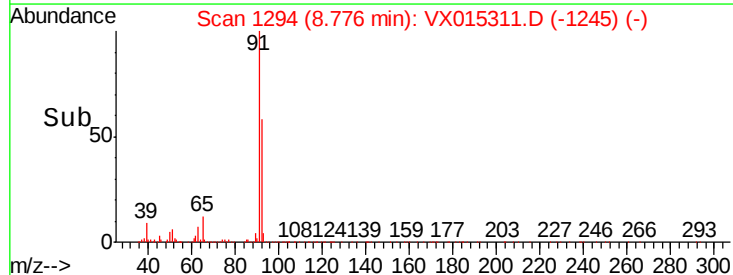
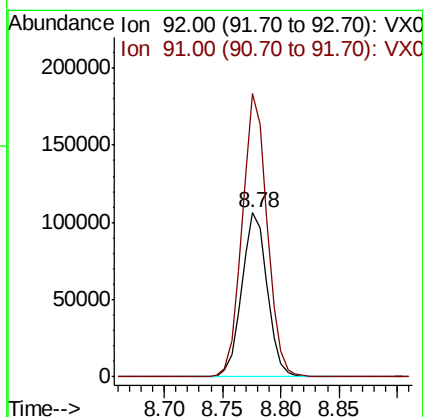
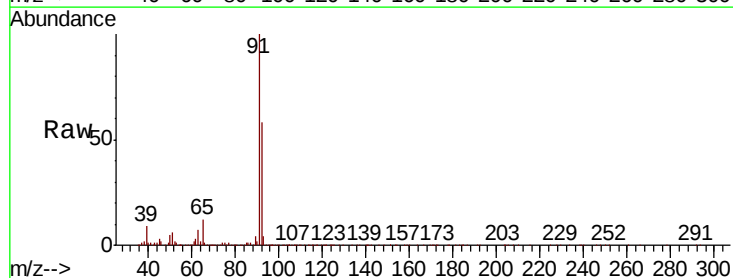
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

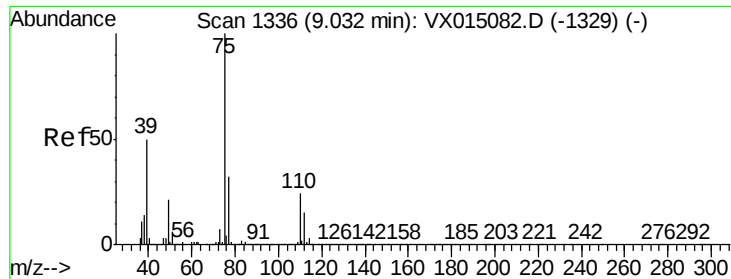
Tot Ion: 43 Resp: 443924
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4



#52
Toluene
Concen: 21.174 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 92 Resp: 161763
Ion Ratio Lower Upper
92 100
91 169.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 20.491 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

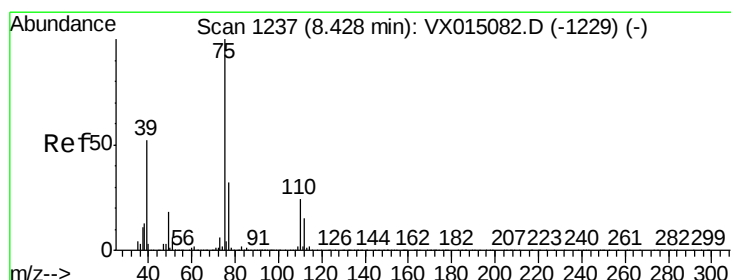
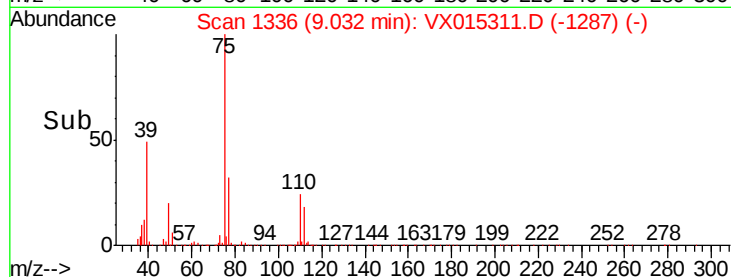
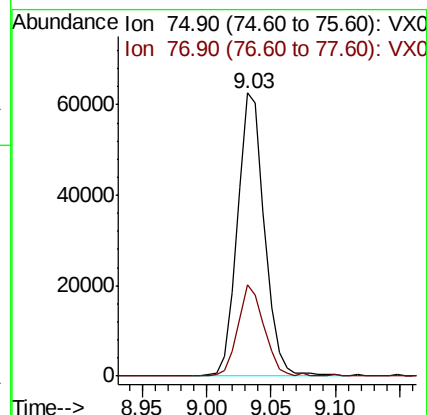
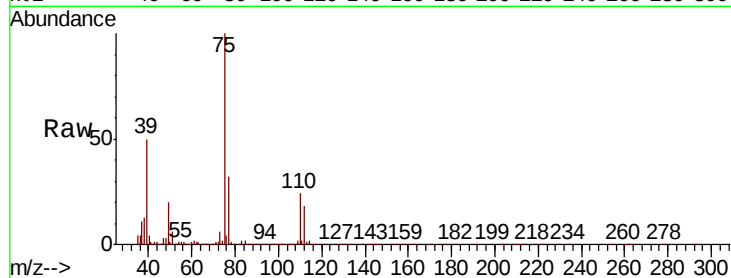
VX0317WBS01

Tot Ion: 75 Resp: 90886

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 21.314 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

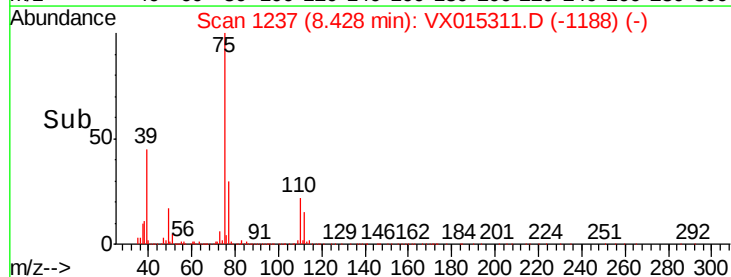
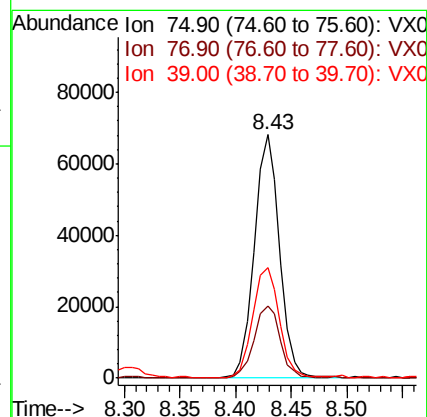
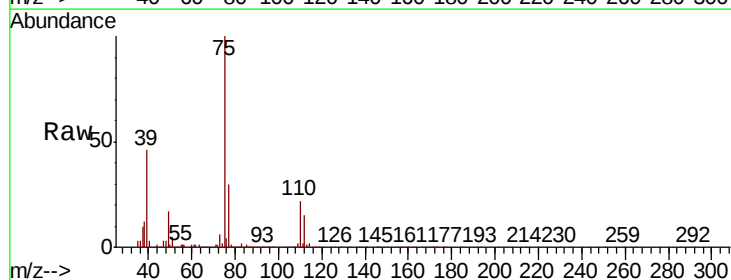
Tgt Ion: 75 Resp: 106876

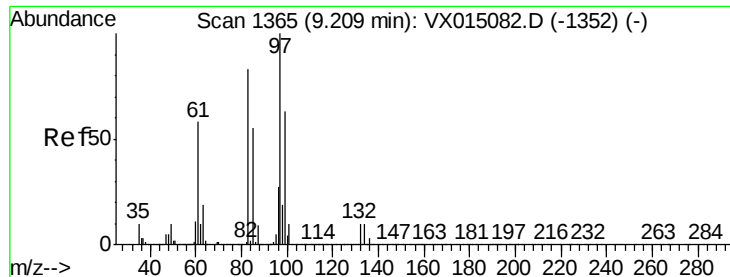
Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.6

39 45.3 41.3 61.9

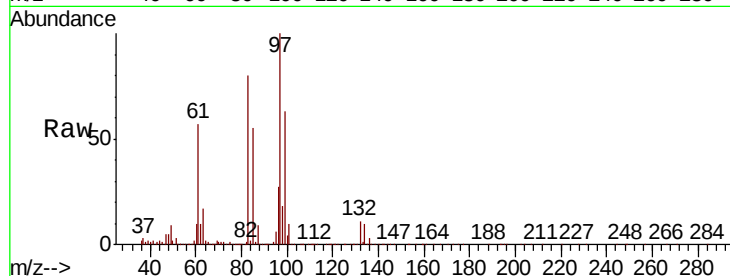




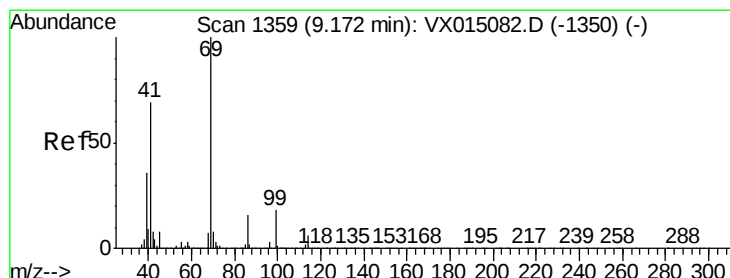
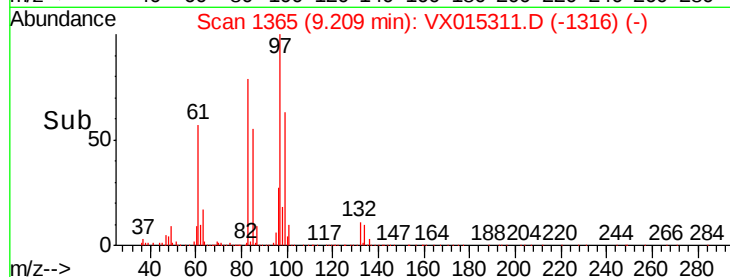
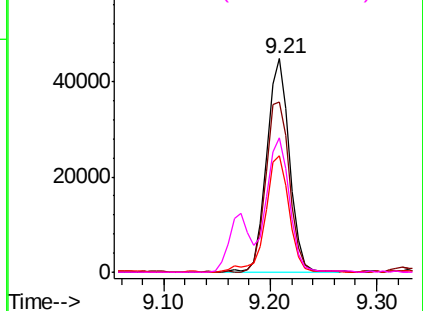
#55
 1,1,2-Trichloroethane
 Concen: 21.401 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion:	97	Resp:	67293
Ion	Ratio	Lower	Upper
97	100		
83	79.5	66.4	99.6
85	54.4	43.5	65.3
99	62.5	50.7	76.1

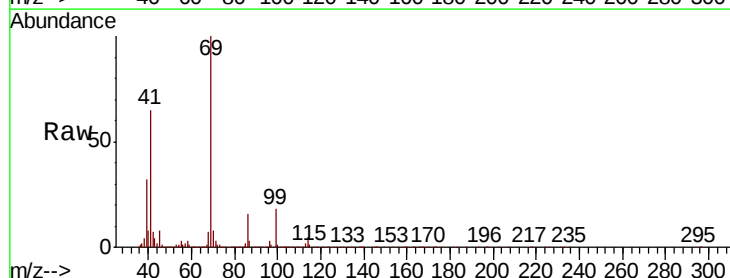


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

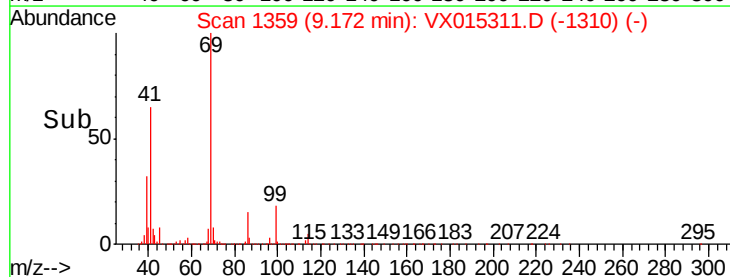
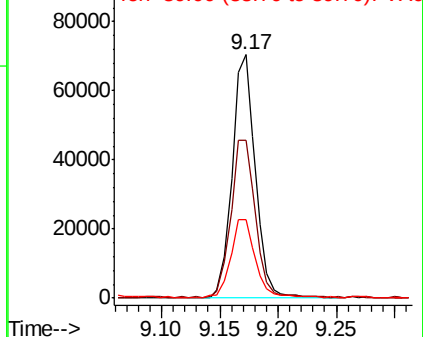


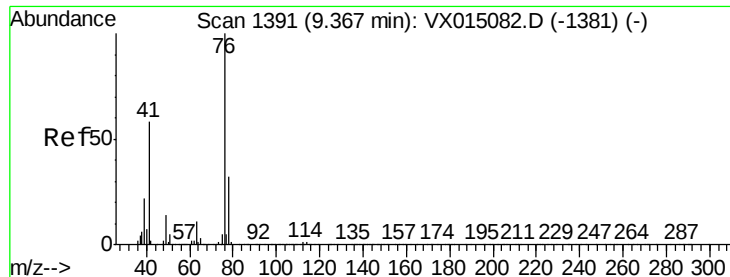
#56
 Ethyl methacrylate
 Concen: 21.851 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion:	69	Resp:	98003
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.8	83.8
39	33.6	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: 21.315 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

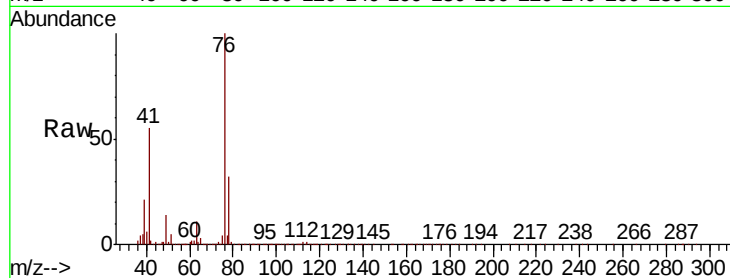
VX0317WBS01

Tot Ion: 76 Resp: 112758

Ion Ratio Lower Upper

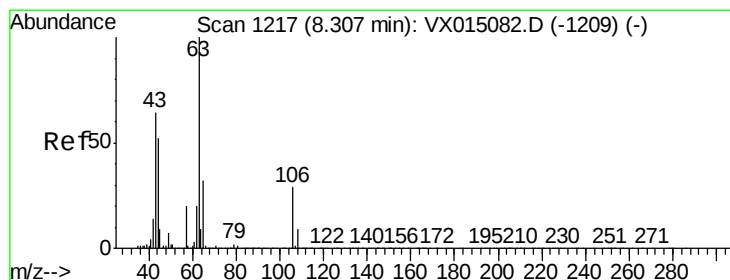
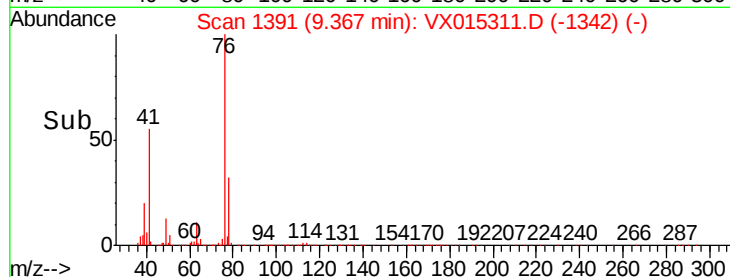
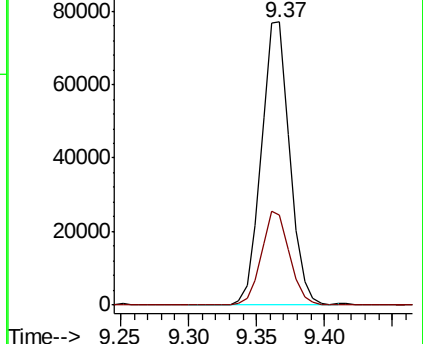
76 100

78 33.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.854 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015311.D

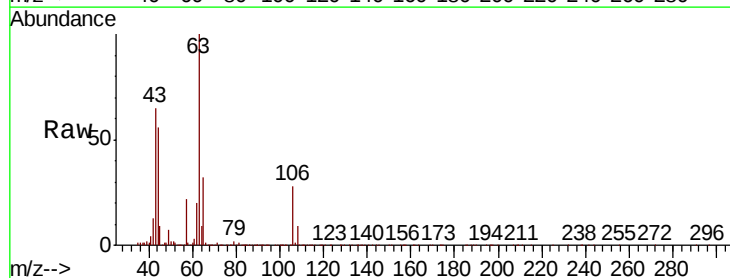
Acq: 17 Mar 2020 09:48

Tgt Ion: 63 Resp: 251313

Ion Ratio Lower Upper

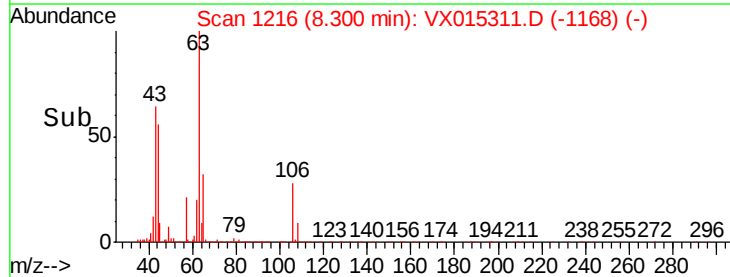
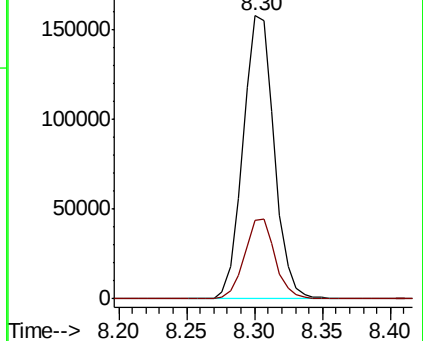
63 100

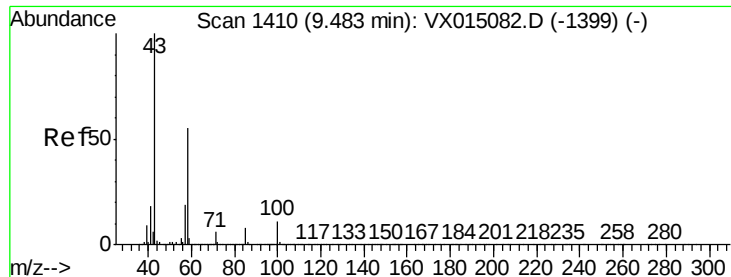
106 27.9 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 110.762 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

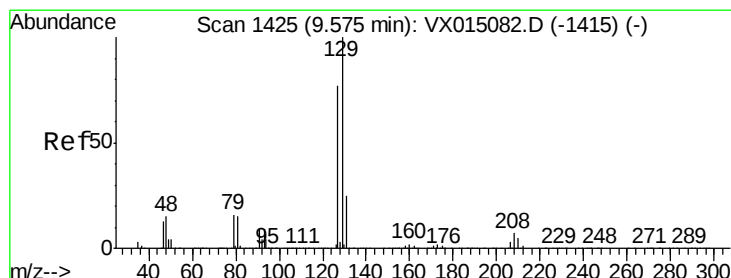
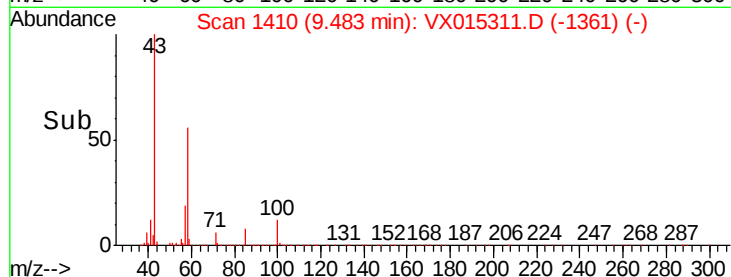
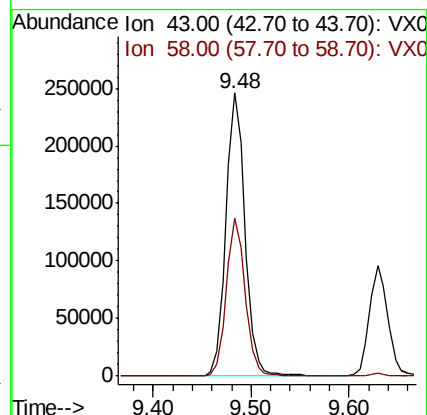
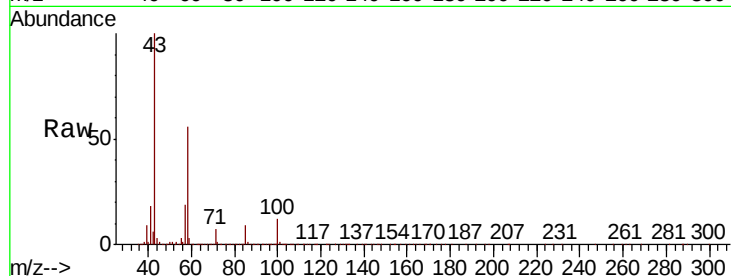
VX0317WBS01

Tot Ion: 43 Resp: 333577

Ion Ratio Lower Upper

43 100

58 54.9 27.3 81.8



#60

Dibromochloromethane

Concen: 20.815 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015311.D

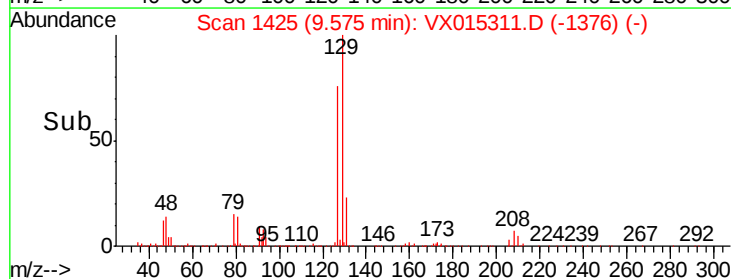
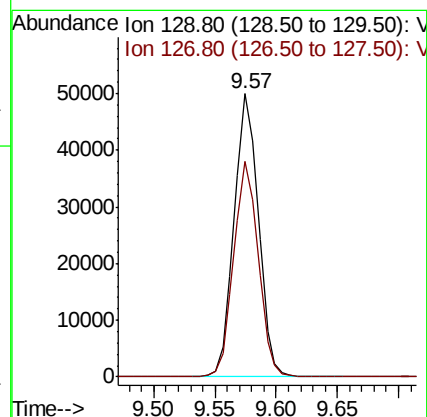
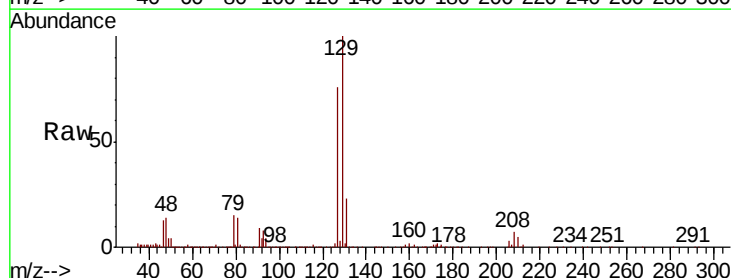
Acq: 17 Mar 2020 09:48

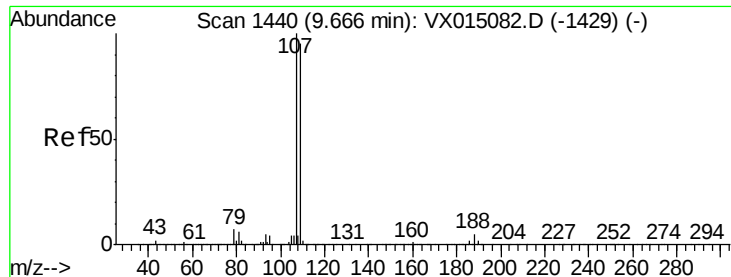
Tgt Ion: 129 Resp: 68756

Ion Ratio Lower Upper

129 100

127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.293 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

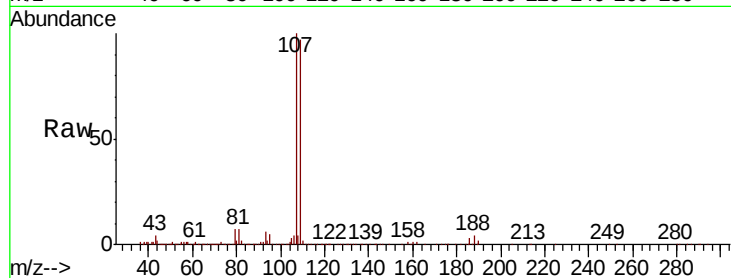
VX0317WBS01

Tot Ion:107 Resp: 67022

Ion Ratio Lower Upper

107 100

109 95.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

30000

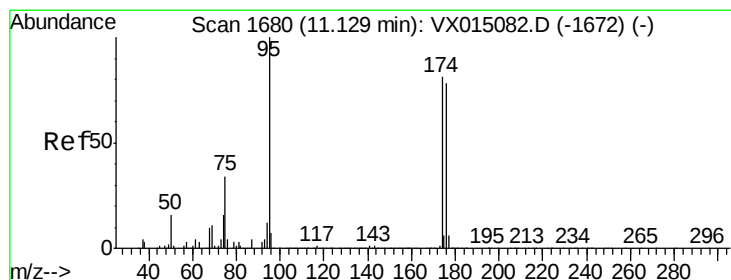
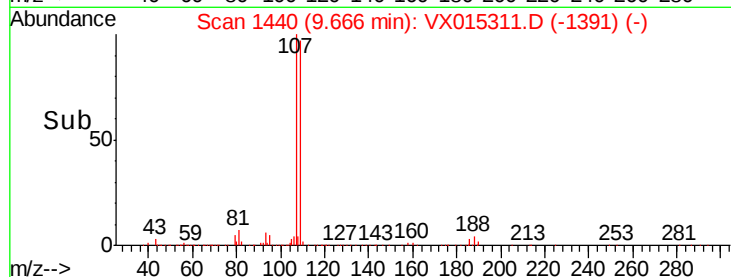
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 52.238 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

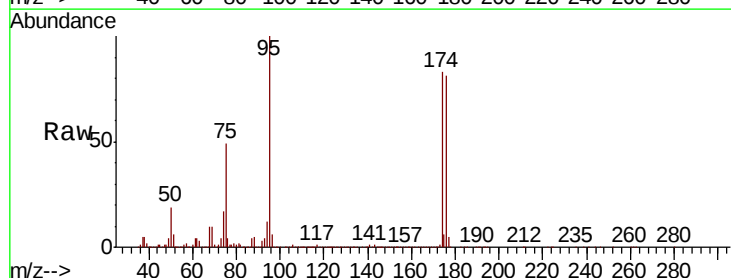
Tgt Ion: 95 Resp: 203694

Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.6

176 86.9 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

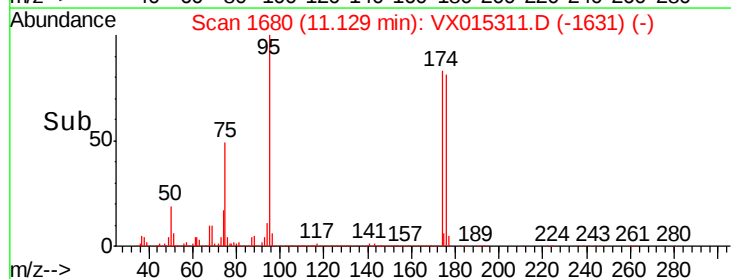
100000

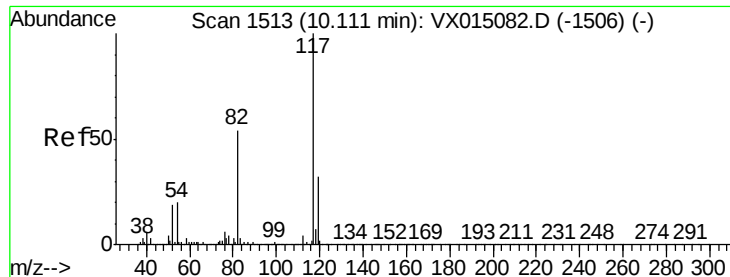
50000

0

Time-->

11.10 11.20

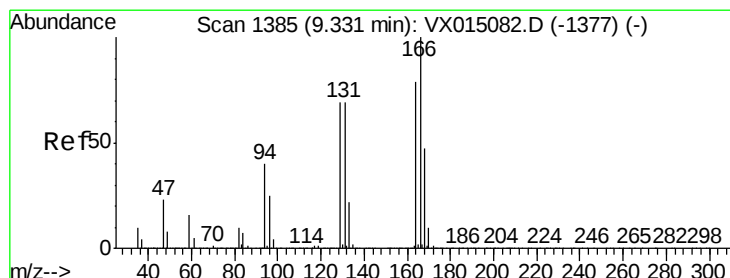
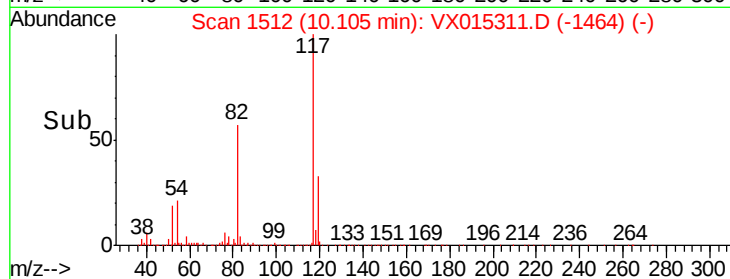
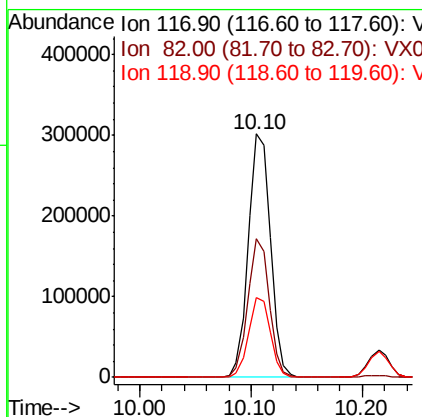
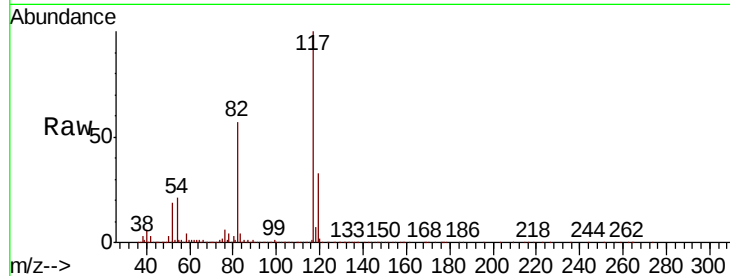




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

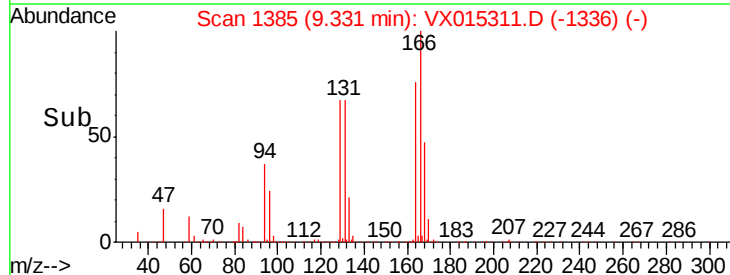
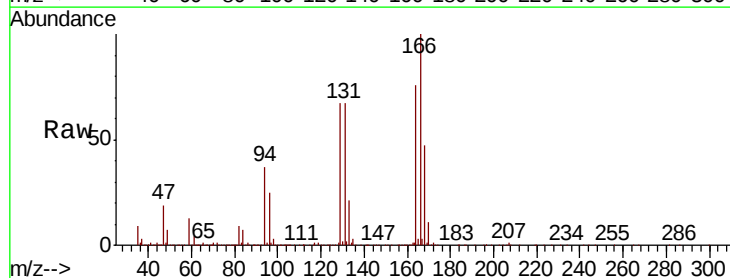
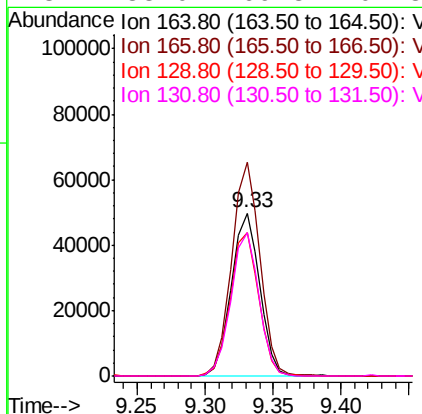
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

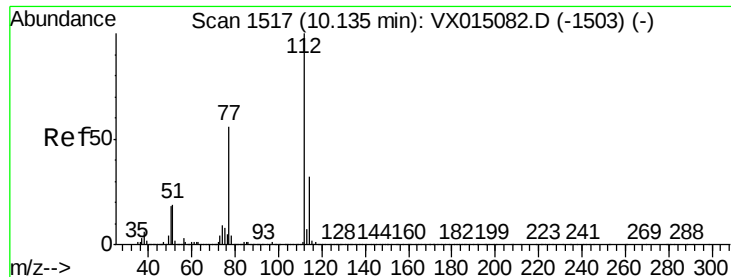
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.3	64.9
119	32.7	25.8	38.8



#64
Tetrachloroethene
Concen: 20.939 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.1	151.7
129	88.2	69.4	104.0
131	88.0	69.8	104.8

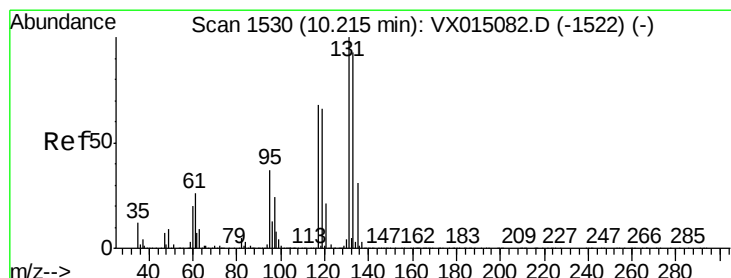
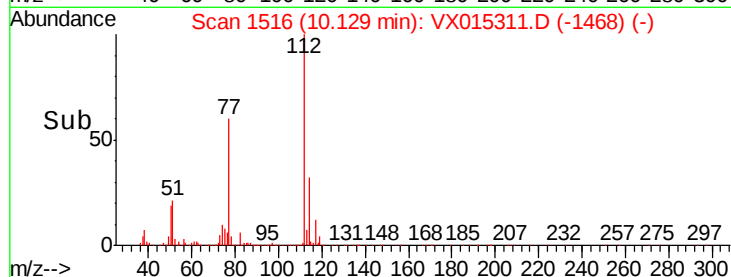
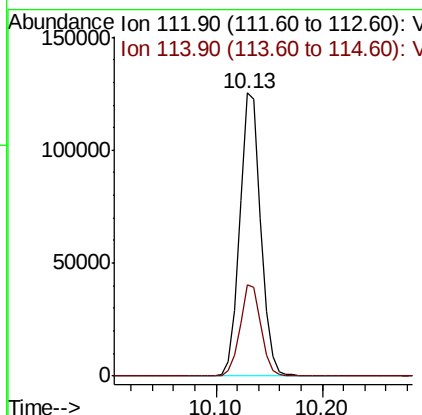
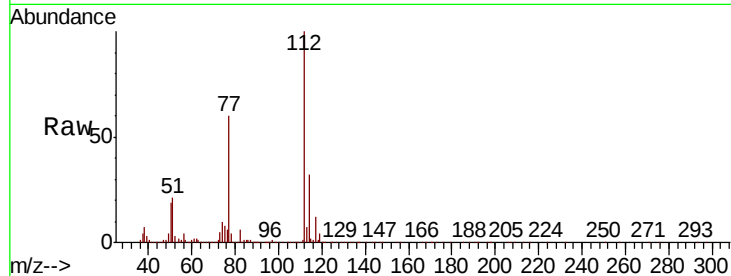




#65
Chlorobenzene
Concen: 20.616 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

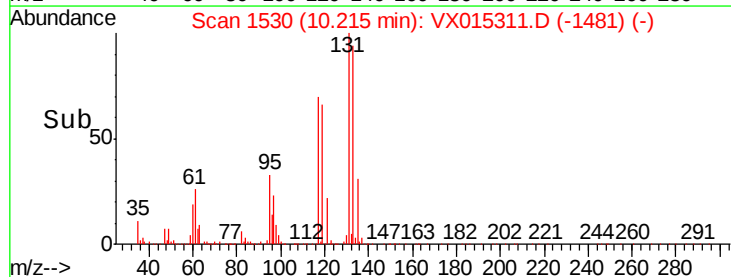
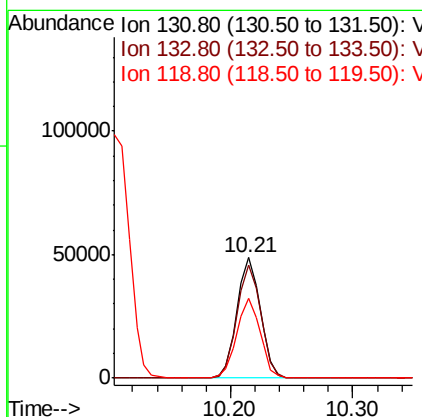
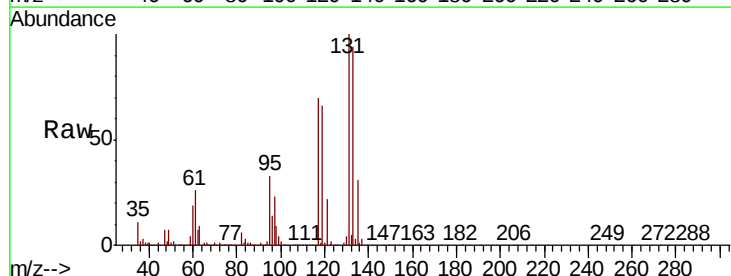
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

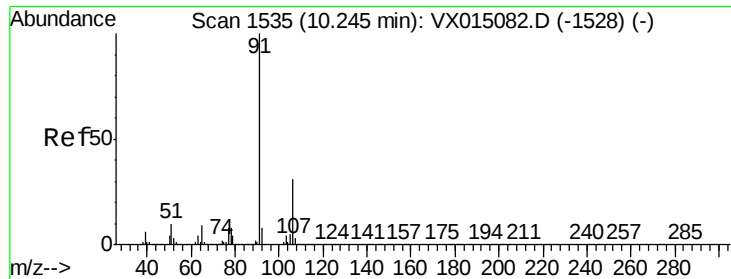
Tot Ion:112 Resp: 173225
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.495 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion:131 Resp: 64934
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 65.2 33.4 100.1

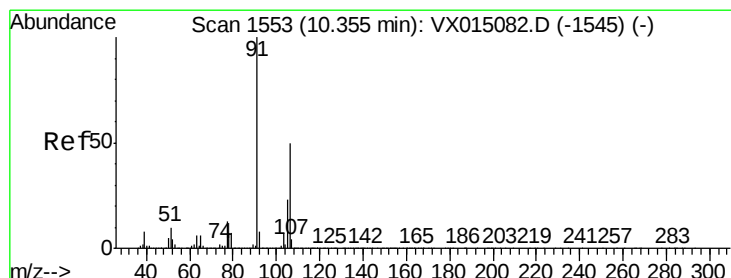
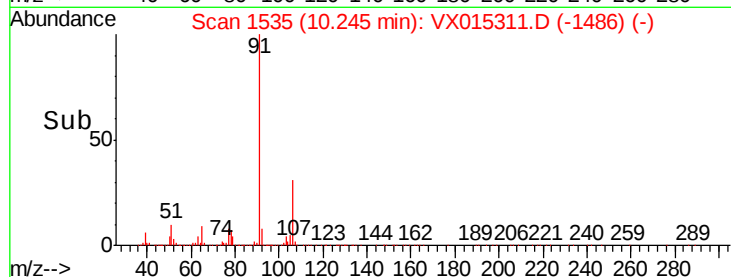
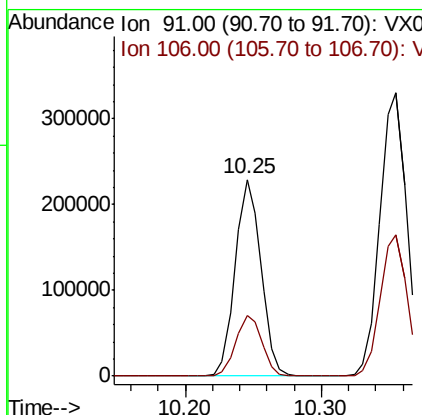
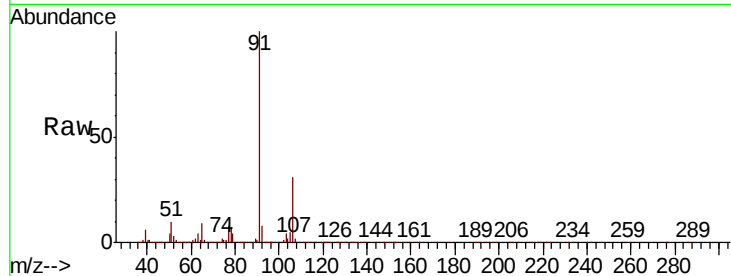




#67
Ethyl Benzene
Concen: 21.198 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

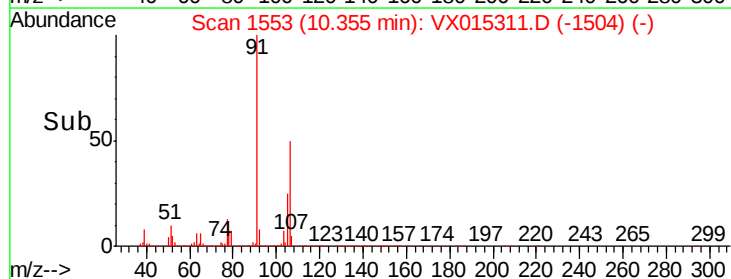
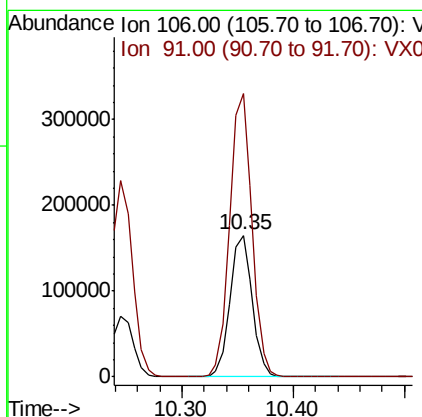
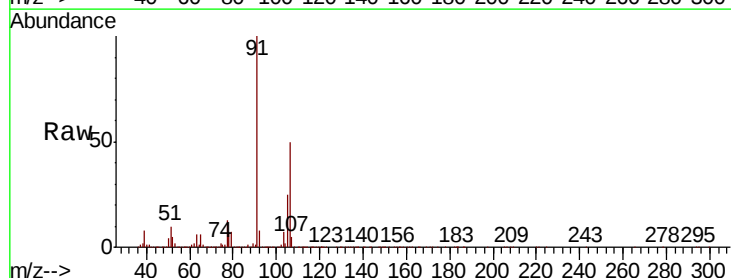
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

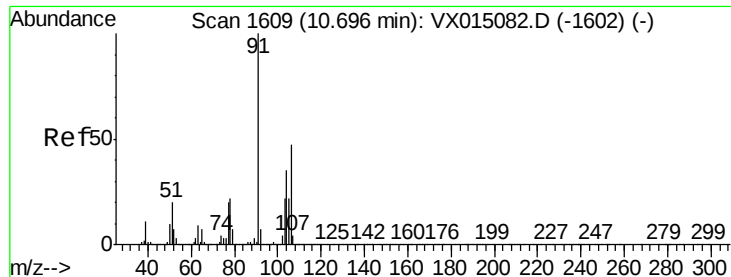
Tot Ion: 91 Resp: 302449
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 41.883 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 106 Resp: 227356
Ion Ratio Lower Upper
106 100
91 200.3 159.4 239.2

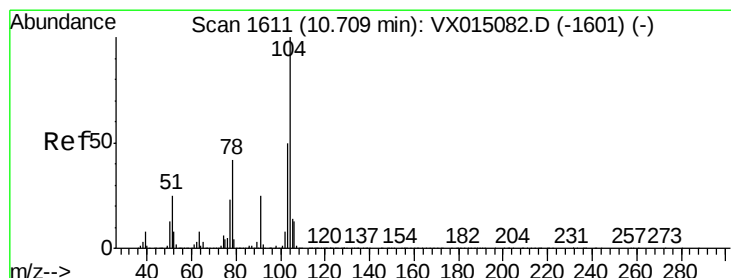
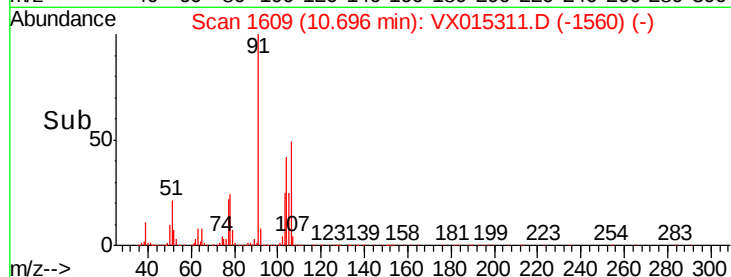
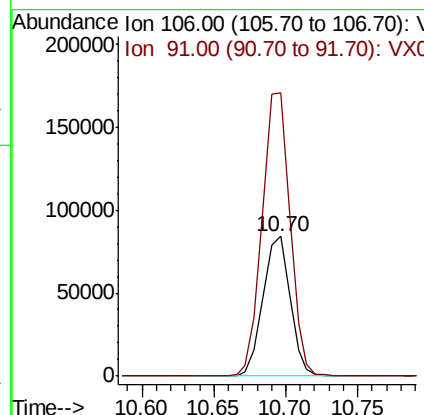
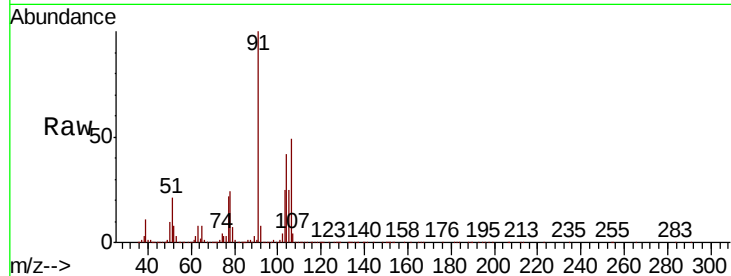




#69
o-Xylene
Concen: 21.127 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

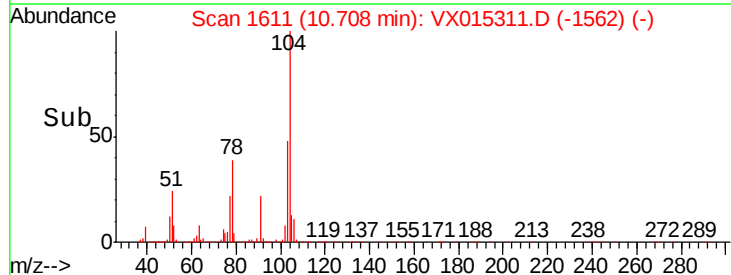
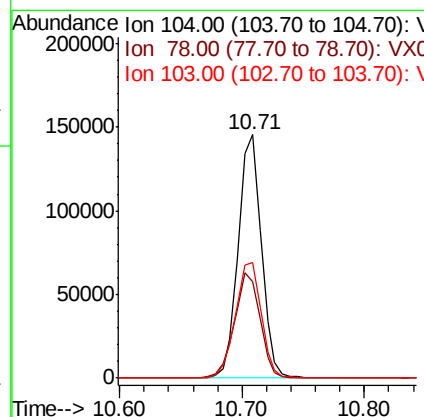
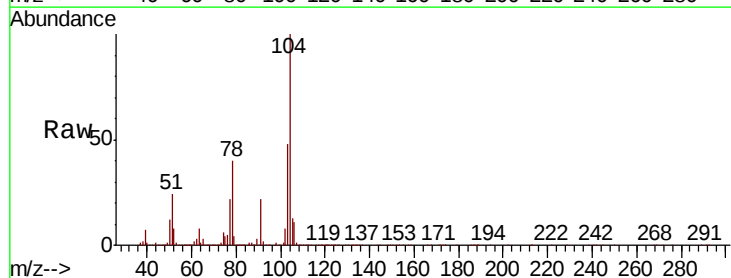
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

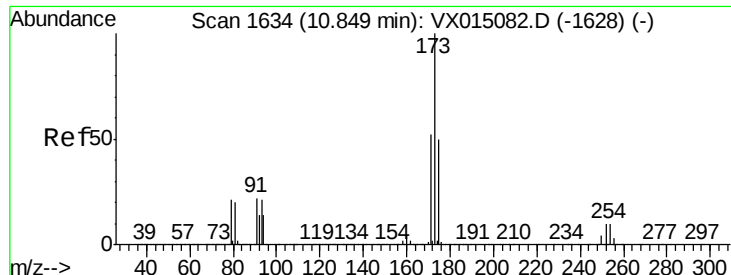
Tot Ion:106 Resp: 109806
Ion Ratio Lower Upper
106 100
91 207.2 105.4 316.1



#70
Styrene
Concen: 21.269 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion:104 Resp: 189534
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.4
103 53.3 43.7 65.5

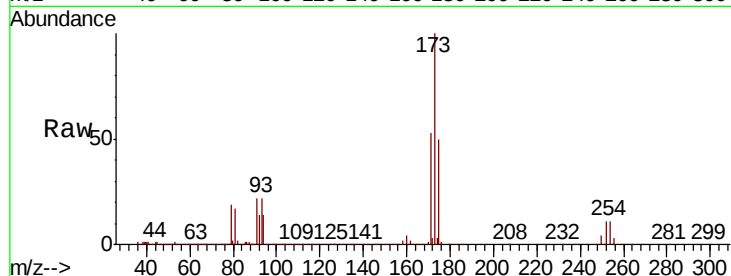




#71
Bromoform
Concen: 20.333 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.9	74.7
254	0.2	0.2	0.2

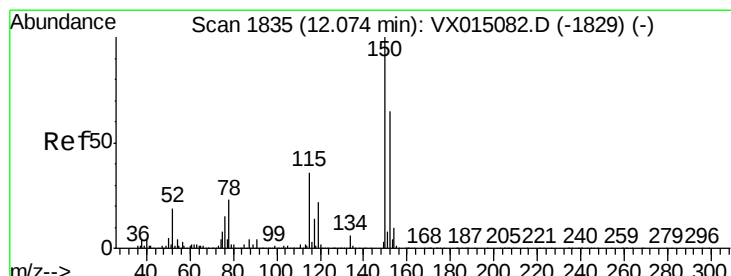
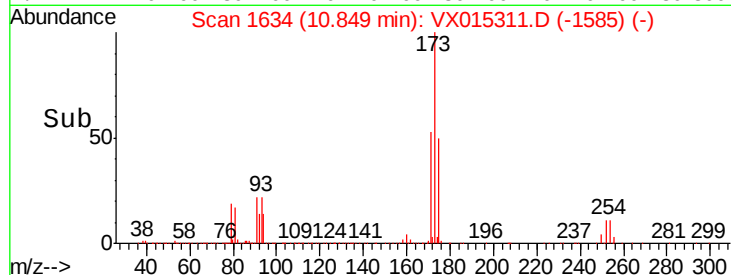
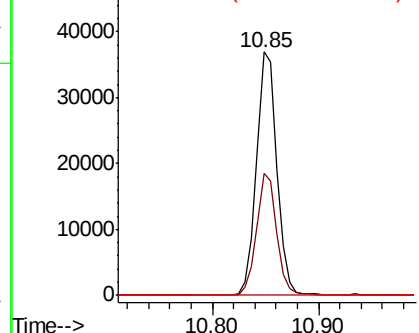


Abundance

Ion 172.70 (172.40 to 173.40): V

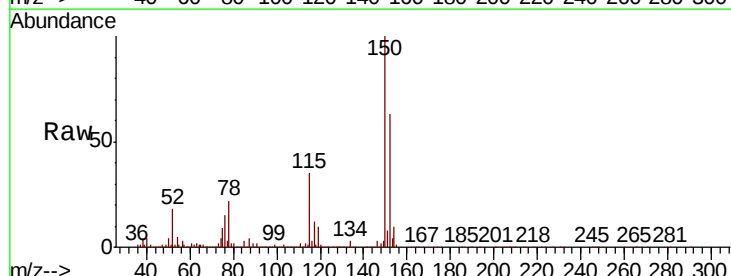
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	38.2	114.6
150	161.9	0.0	343.8

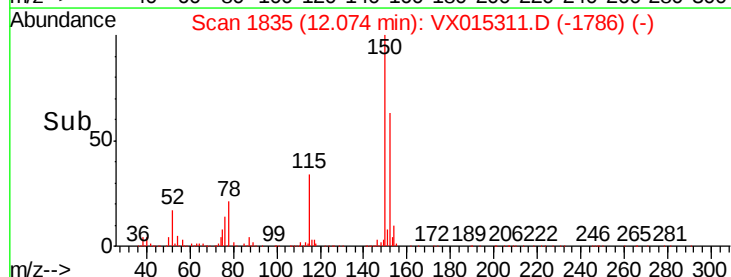
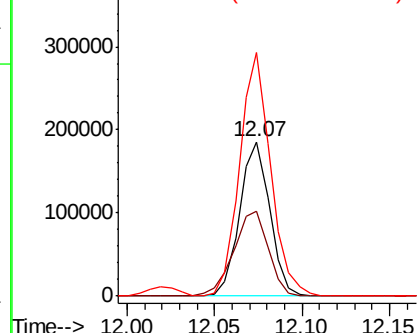


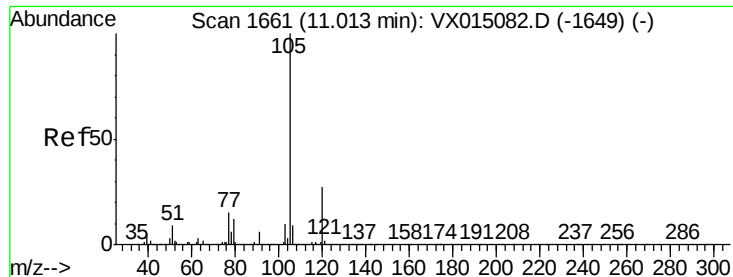
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.041 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampled :

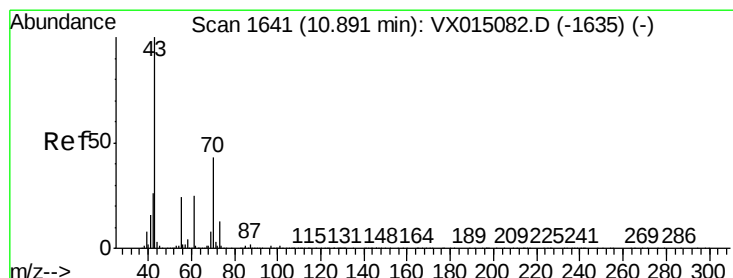
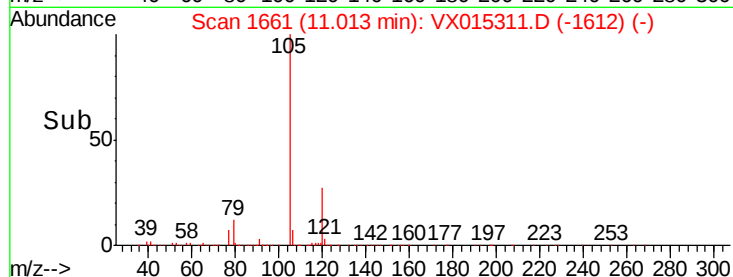
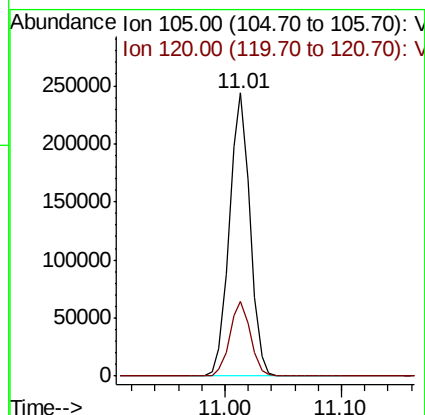
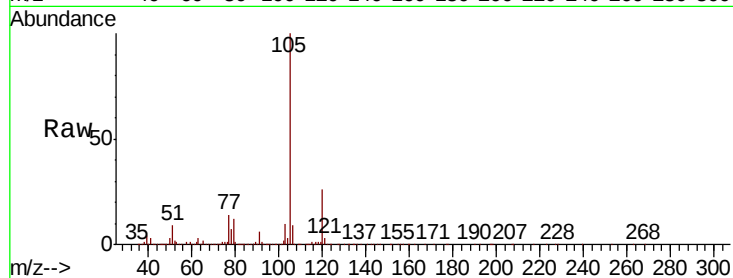
VX0317WBS01

Tot Ion:105 Resp: 298614

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#74

N-ethyl acetate

Concen: 20.233 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion: 43 Resp: 121014

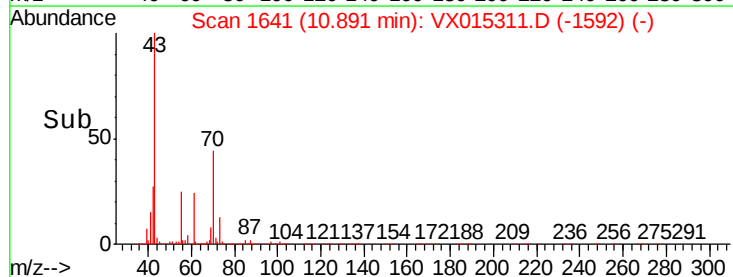
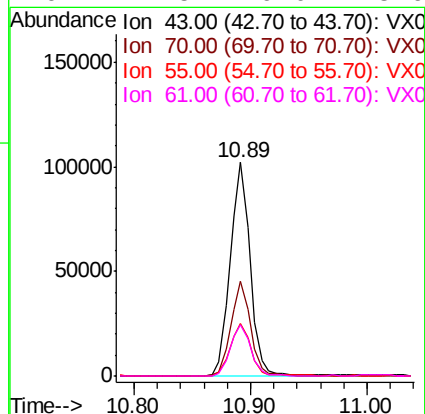
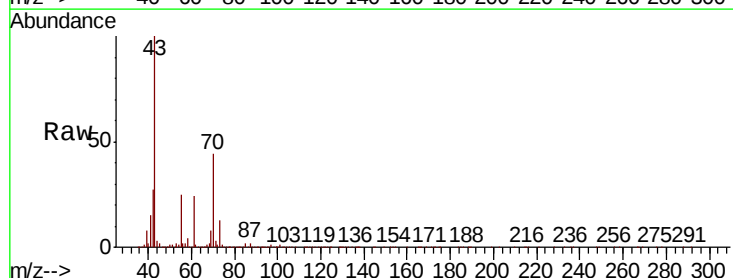
Ion Ratio Lower Upper

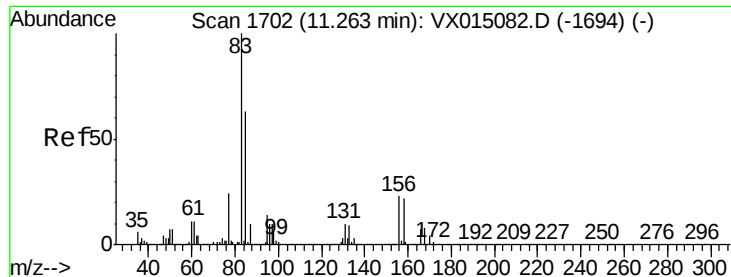
43 100

70 43.6 34.7 52.1

55 25.0 19.4 29.0

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.072 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

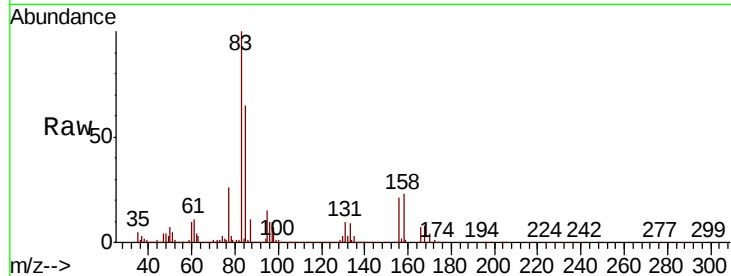
Tot Ion: 83 Resp: 94935

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

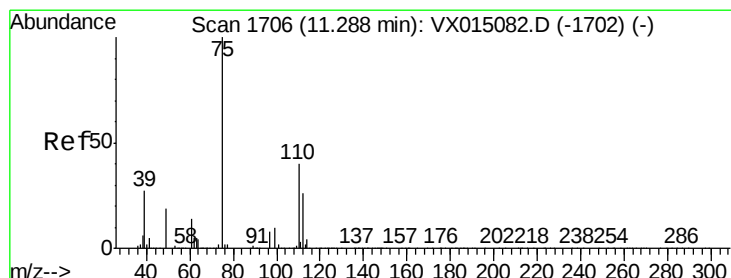
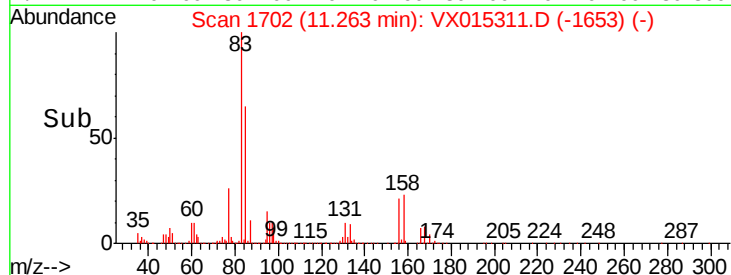
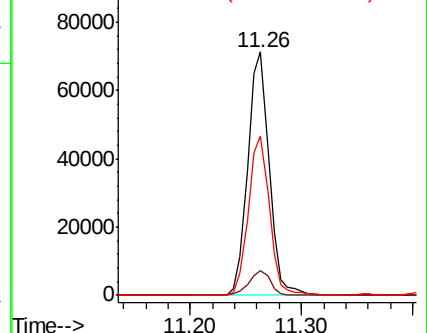
85 64.7 31.9 95.9



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: 24.269 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015311.D

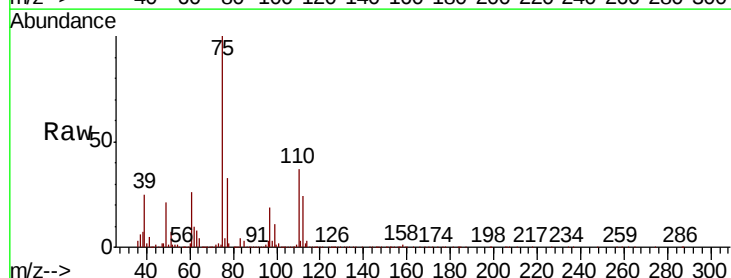
Acq: 17 Mar 2020 09:48

Tgt Ion: 75 Resp: 107548

Ion Ratio Lower Upper

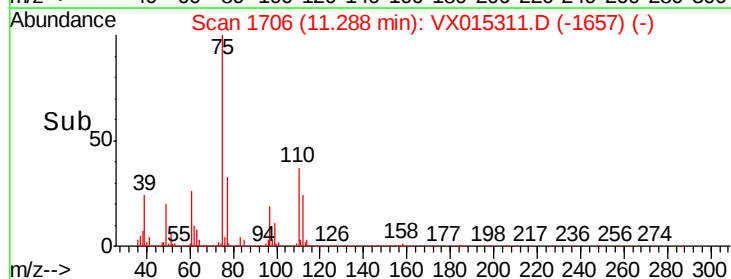
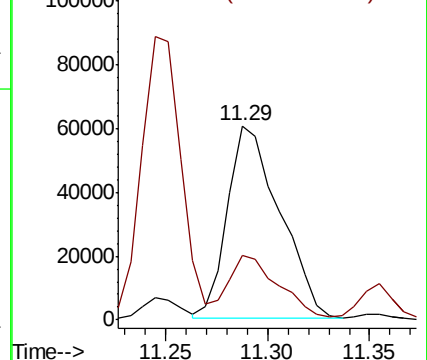
75 100

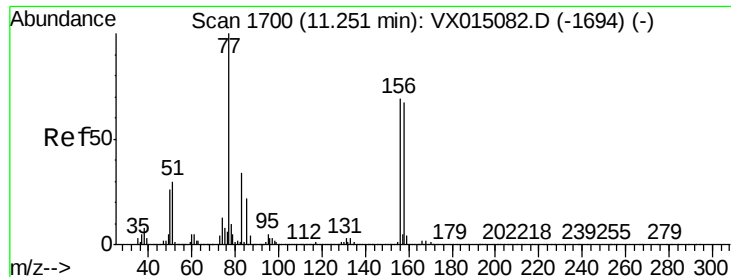
77 32.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.703 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

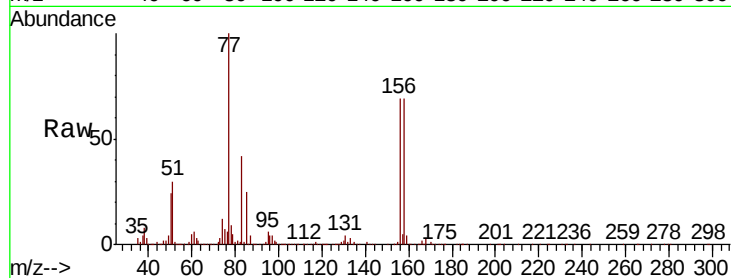
Tot Ion:156 Resp: 77930

Ion Ratio Lower Upper

156 100

77 153.5 75.3 225.9

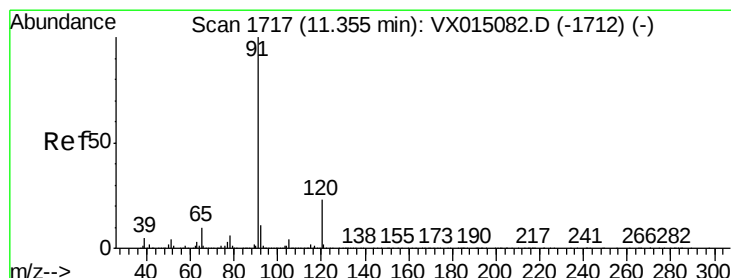
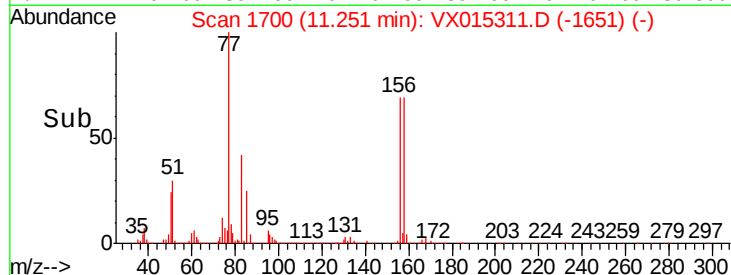
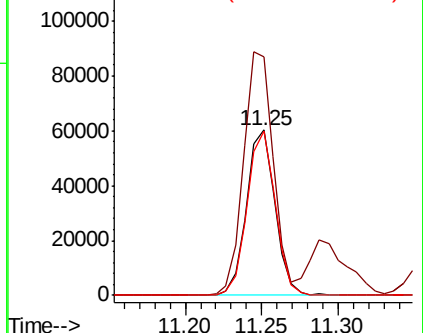
158 98.9 48.5 145.6



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: 21.259 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015311.D

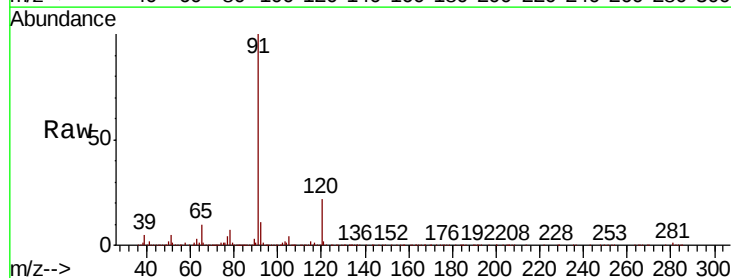
Acq: 17 Mar 2020 09:48

Tgt Ion: 91 Resp: 344689

Ion Ratio Lower Upper

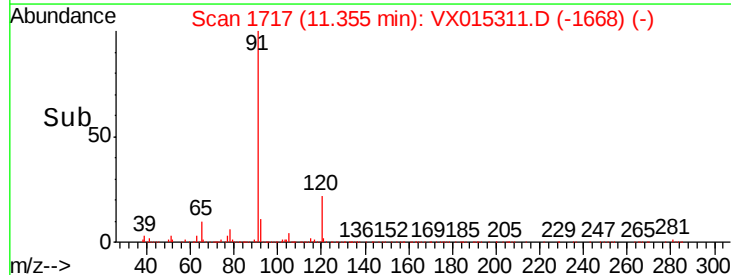
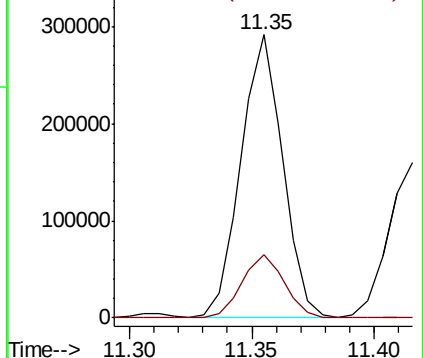
91 100

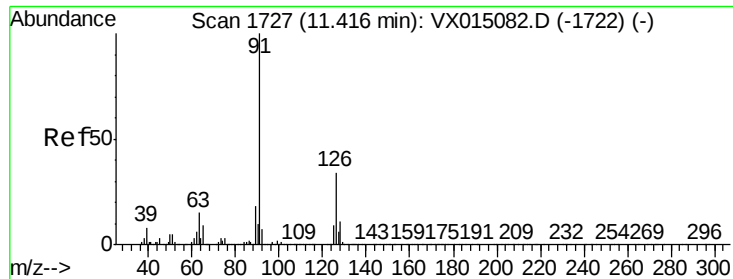
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

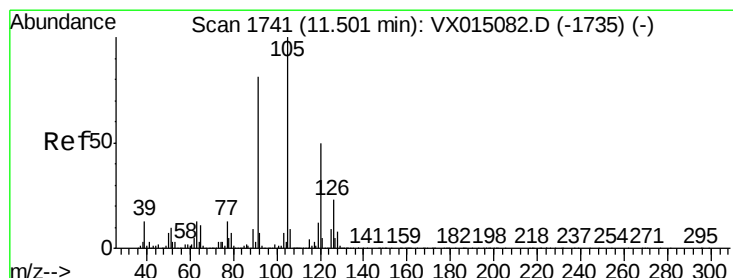
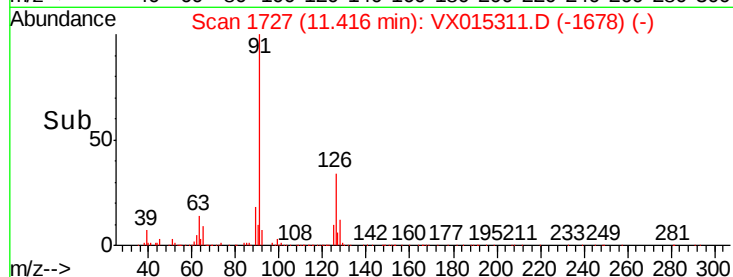
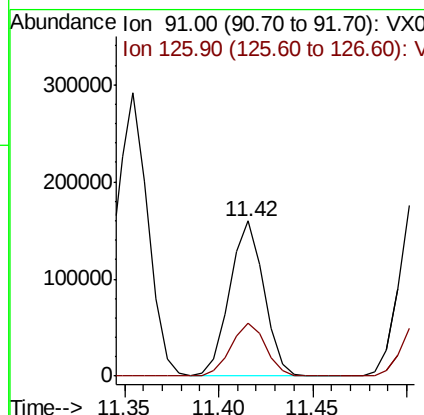
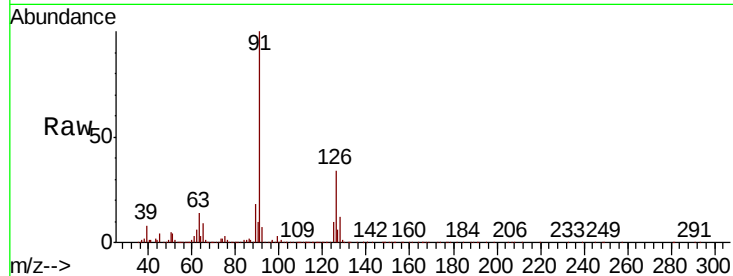




#79
 2-Chlorotoluene
 Concen: 20.672 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

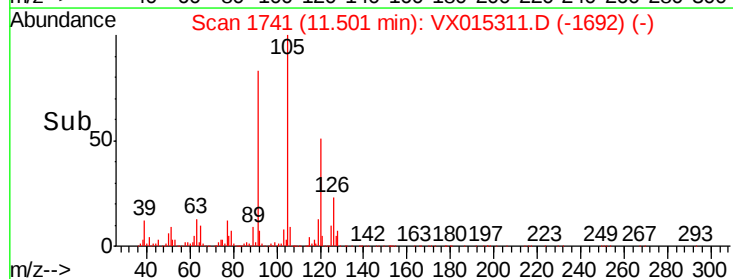
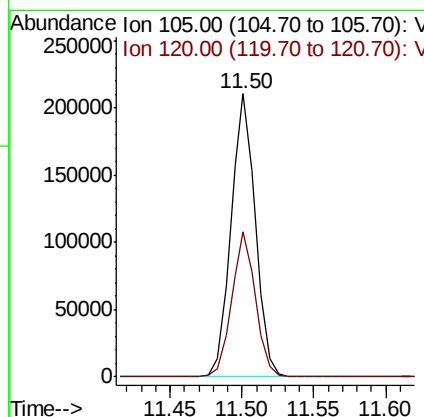
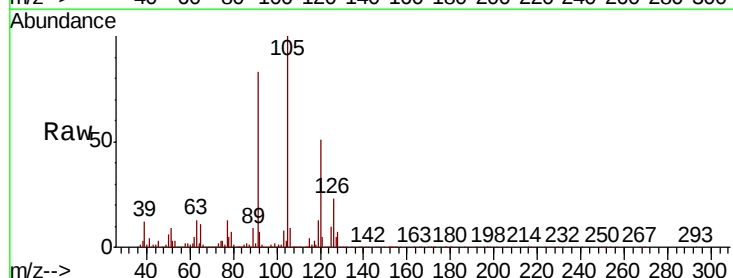
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

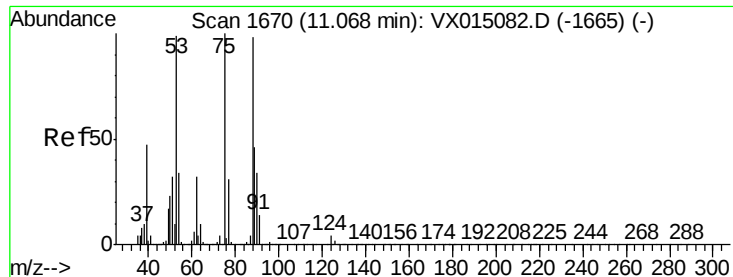
Tot Ion: 91 Resp: 200169
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.163 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion: 105 Resp: 250029
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.437 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

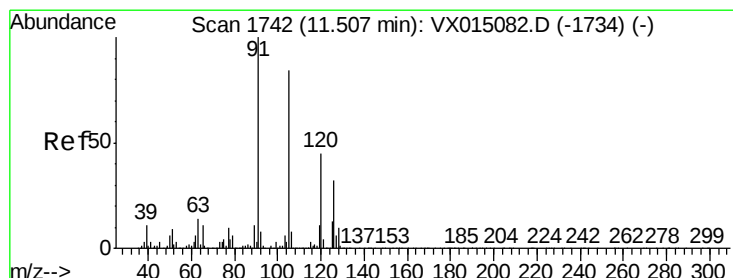
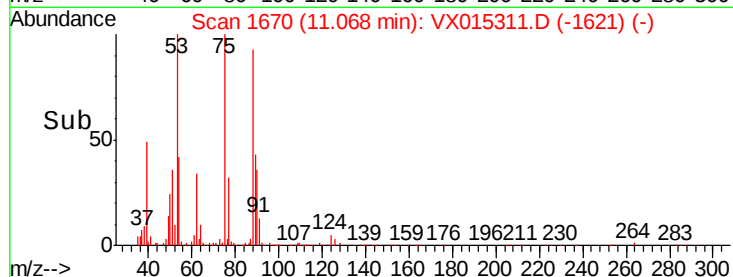
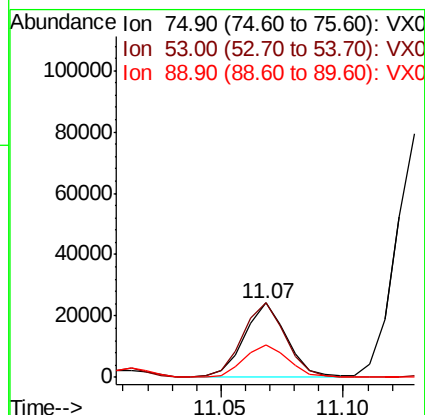
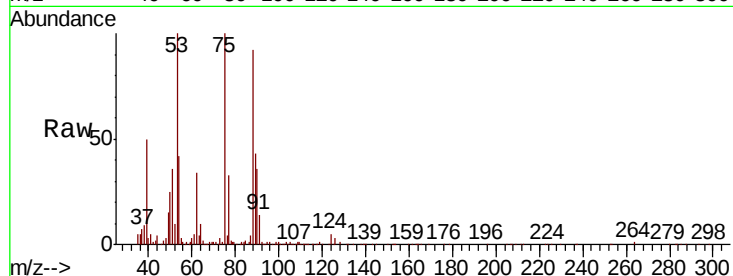
Tot Ion: 75 Resp: 28789

Ion Ratio Lower Upper

75 100

53 103.6 77.9 116.9

89 46.7 36.2 54.2



#82

4-Chlorotoluene

Concen: 20.445 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015311.D

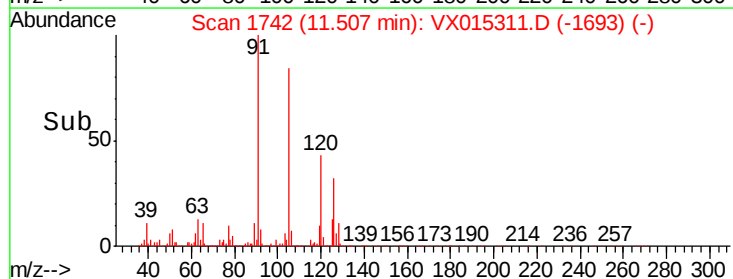
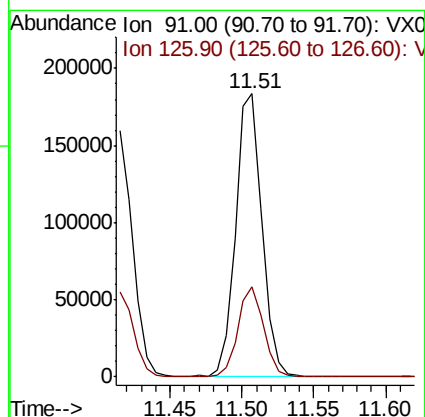
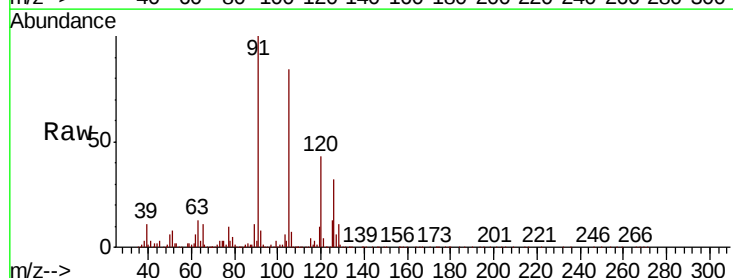
Acq: 17 Mar 2020 09:48

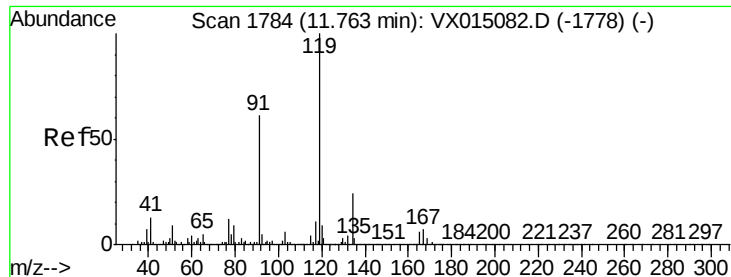
Tgt Ion: 91 Resp: 233883

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2





#83

tert-Butylbenzene

Concen: 20.869 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

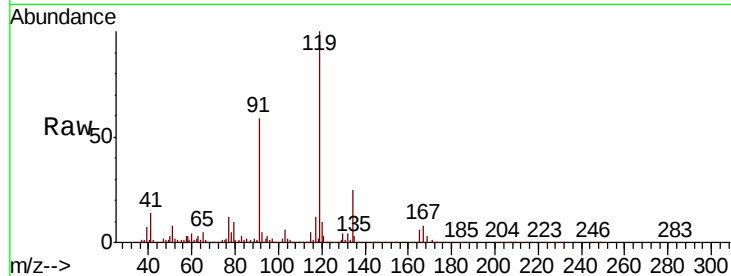
Tot Ion:119 Resp: 238399

Ion Ratio Lower Upper

119 100

91 56.0 28.5 85.6

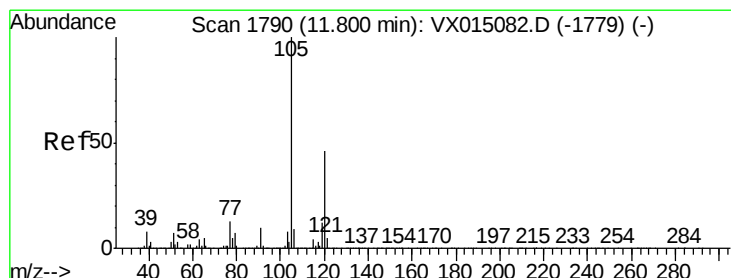
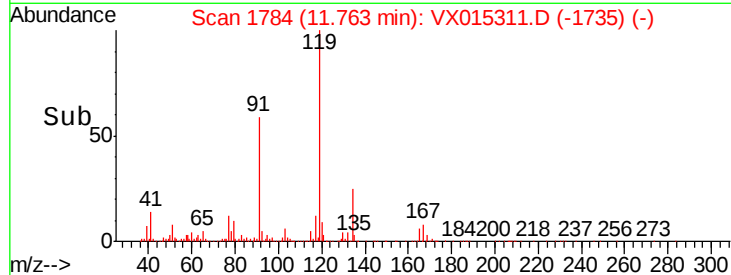
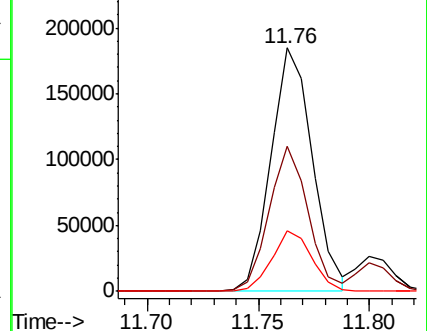
134 24.2 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.199 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015311.D

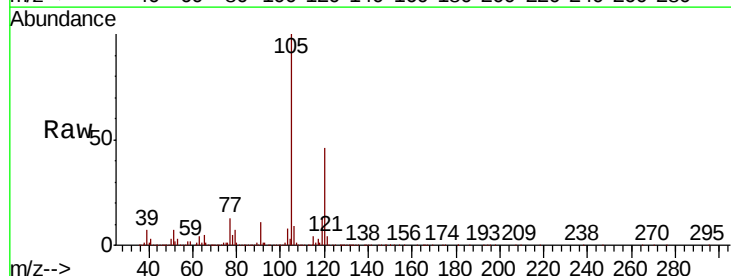
Acq: 17 Mar 2020 09:48

Tgt Ion:105 Resp: 251609

Ion Ratio Lower Upper

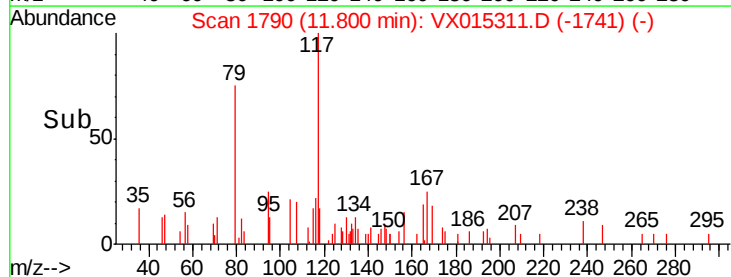
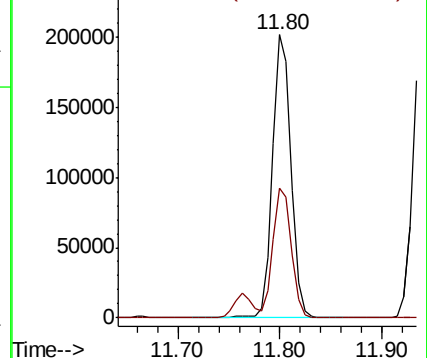
105 100

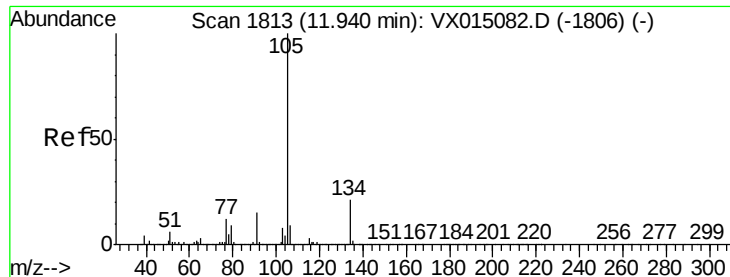
120 45.5 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.301 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampled :

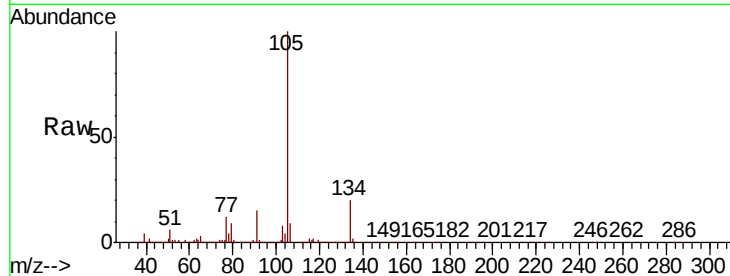
VX0317WBS01

Tot Ion:105 Resp: 293756

Ion Ratio Lower Upper

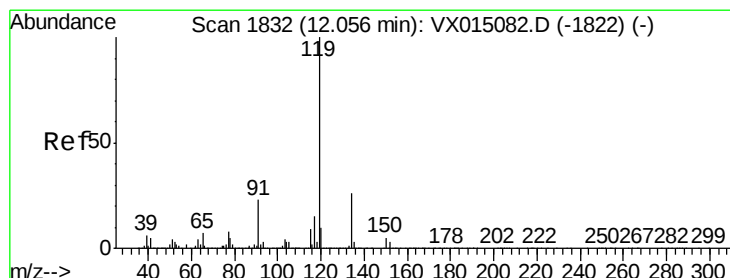
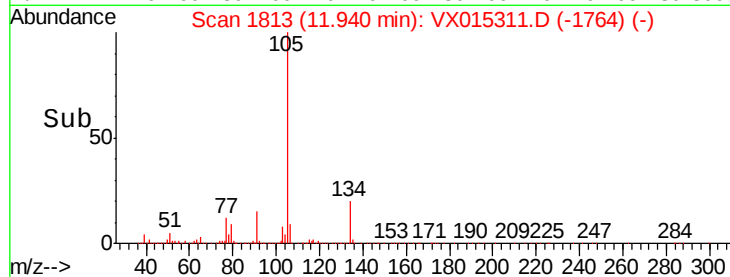
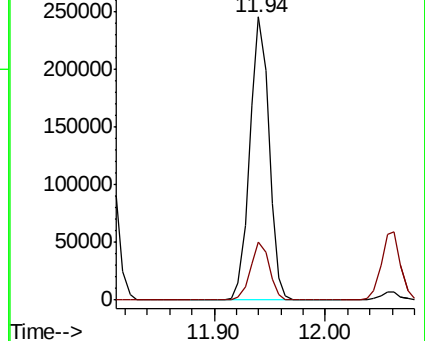
105 100

134 20.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.971 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

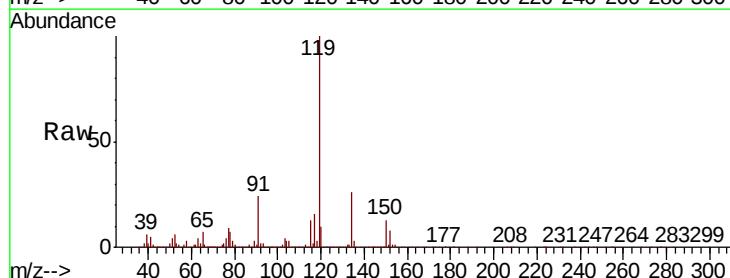
Tgt Ion:119 Resp: 266447

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

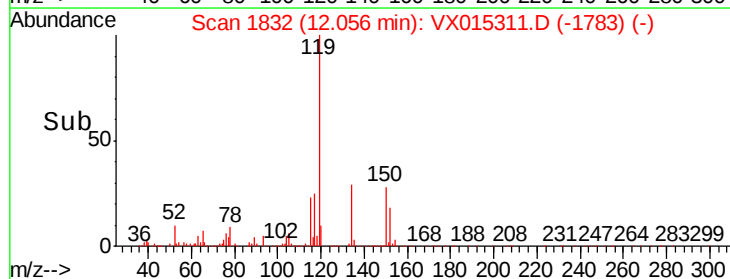
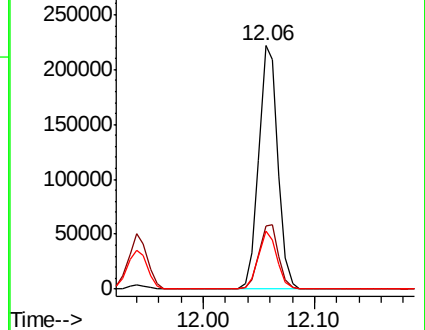
91 23.1 11.3 33.8

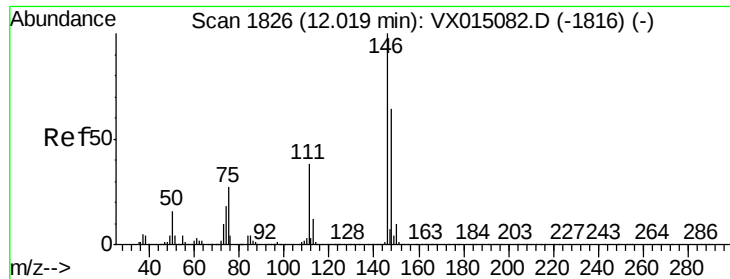


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.001 ug/l

RT: 12.02 min Scan# 1826

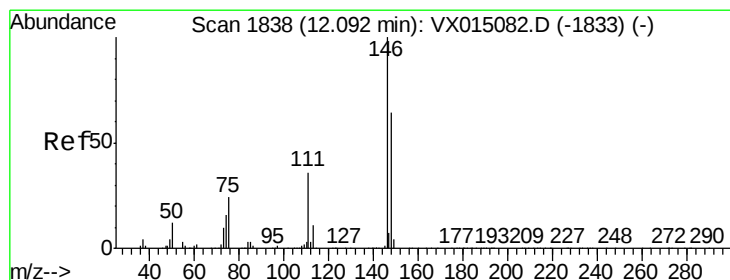
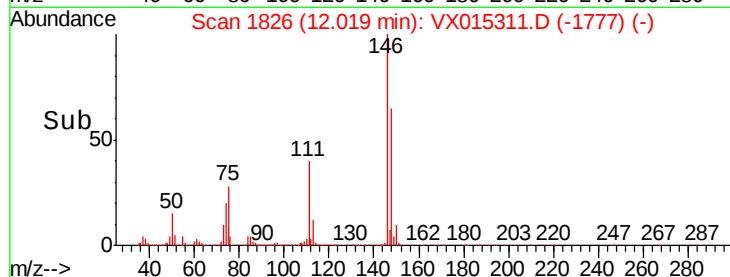
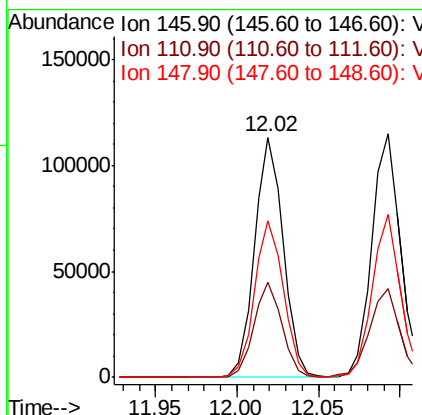
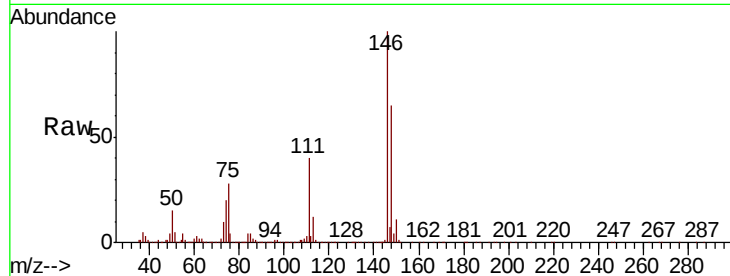
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	65.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 19.540 ug/l

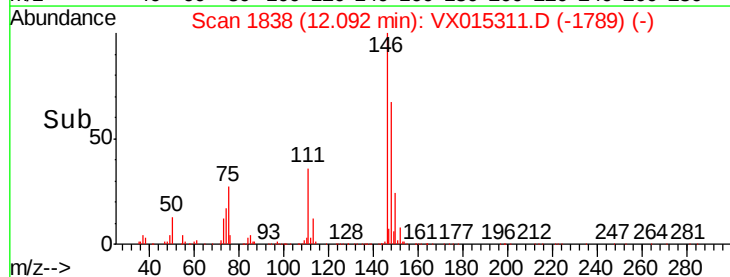
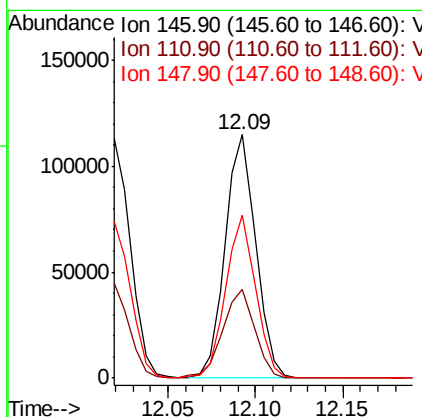
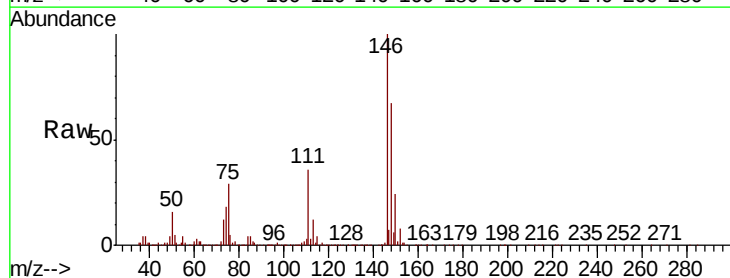
RT: 12.09 min Scan# 1838

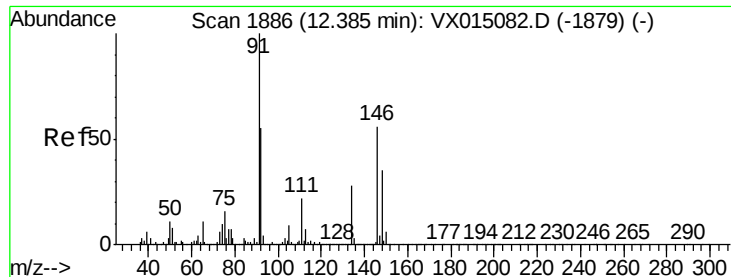
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	65.5	32.5	97.4





#89

n-Butylbenzene

Concen: 20.714 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

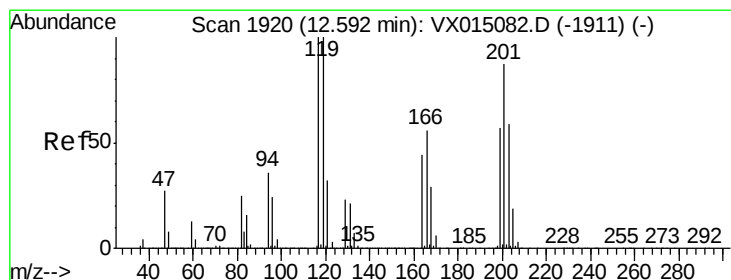
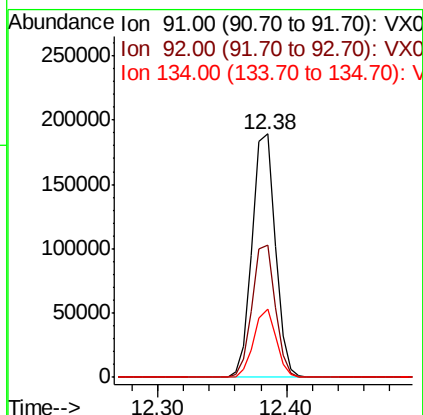
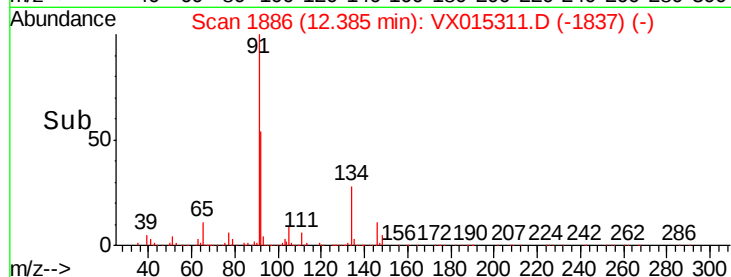
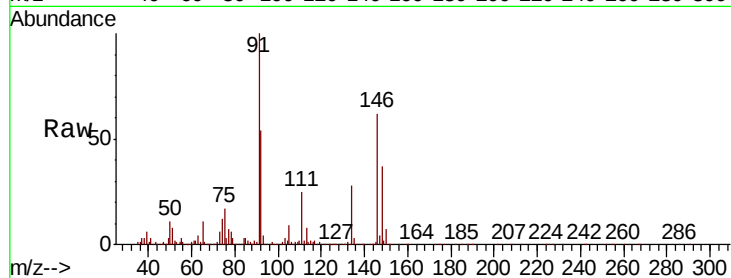
Tot Ion: 91 Resp: 234069

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.6

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 19.117 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015311.D

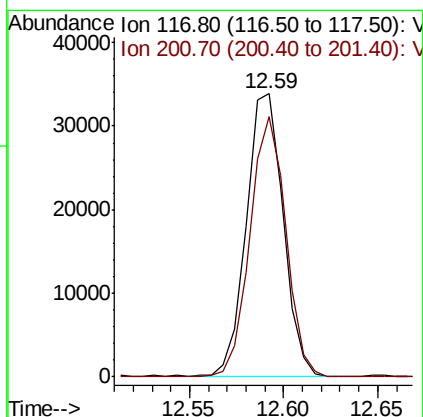
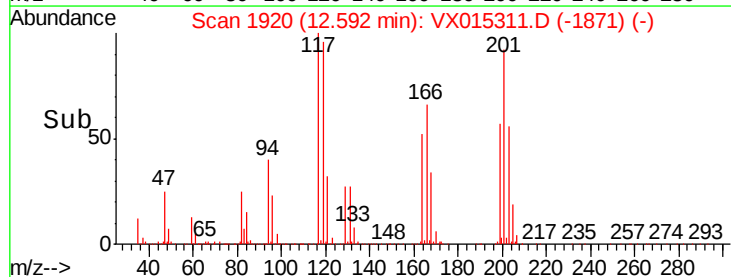
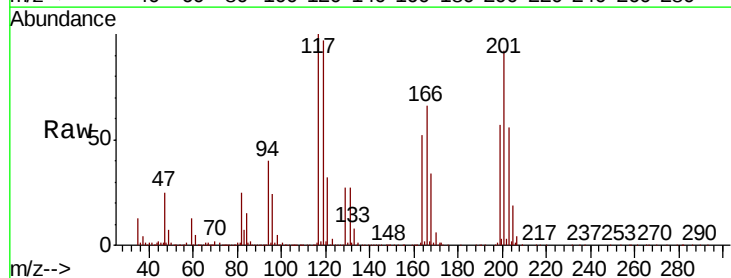
Acq: 17 Mar 2020 09:48

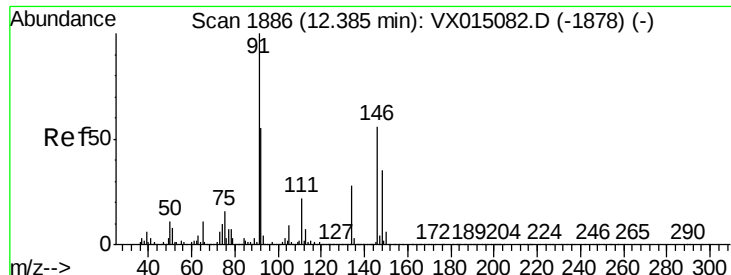
Tgt Ion: 117 Resp: 45920

Ion Ratio Lower Upper

117 100

201 89.6 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 20.347 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

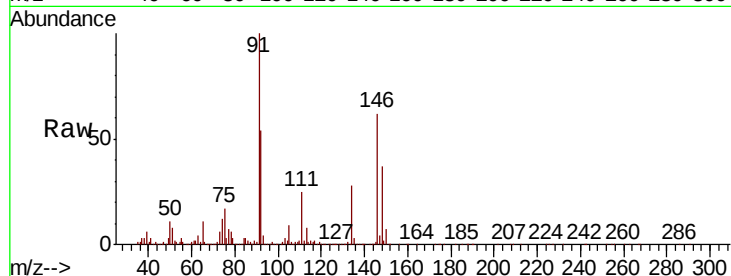
Tot Ion:146 Resp: 140654

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.7

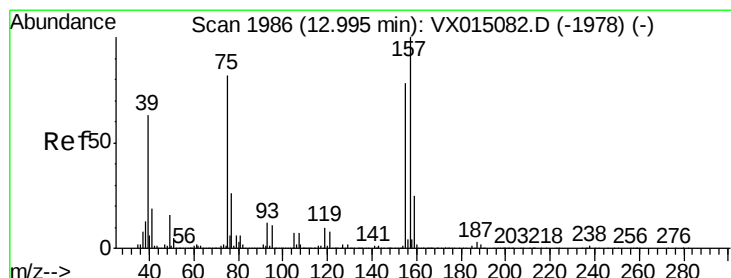
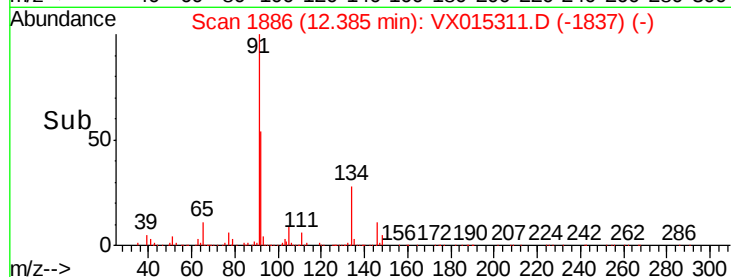
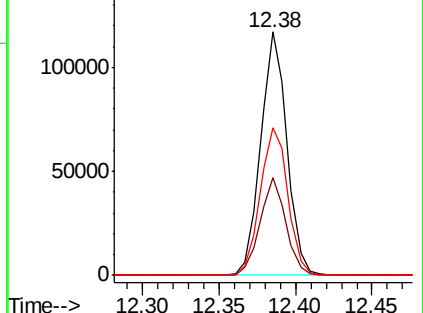
148 63.7 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.695 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

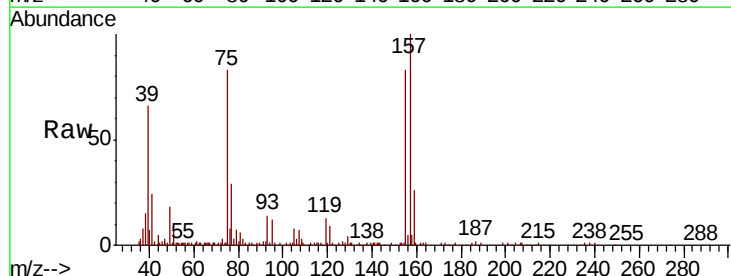
Tgt Ion: 75 Resp: 18653

Ion Ratio Lower Upper

75 100

155 95.8 46.6 139.7

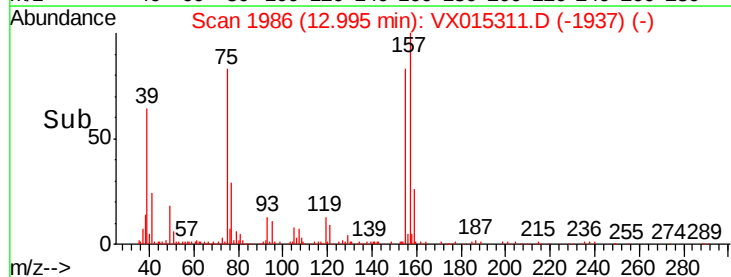
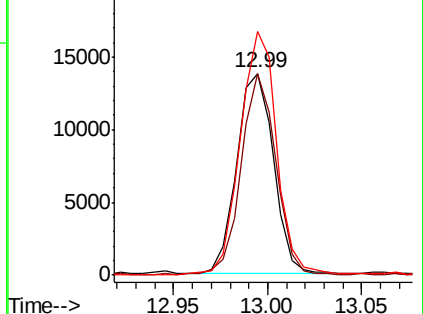
157 121.2 59.2 177.5

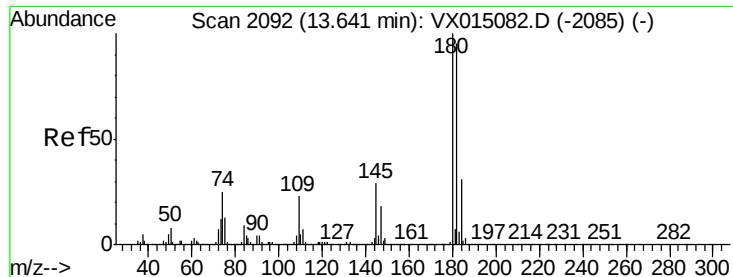


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

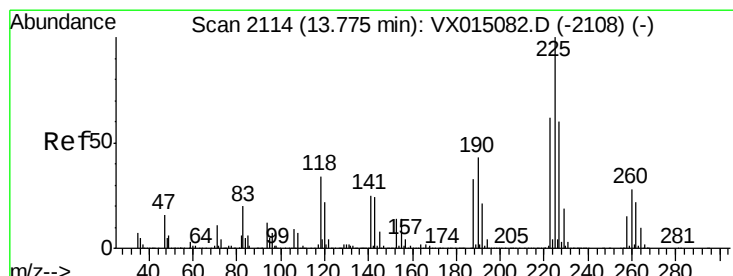
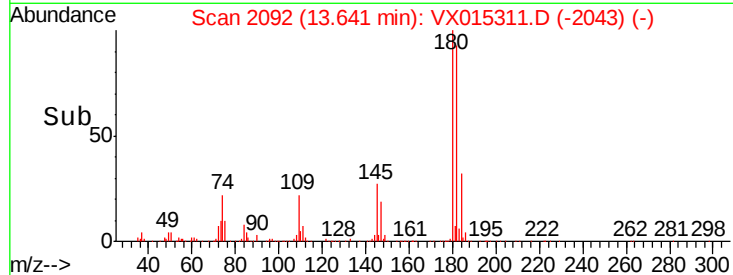
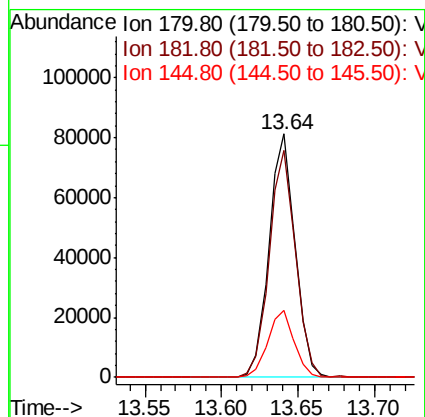
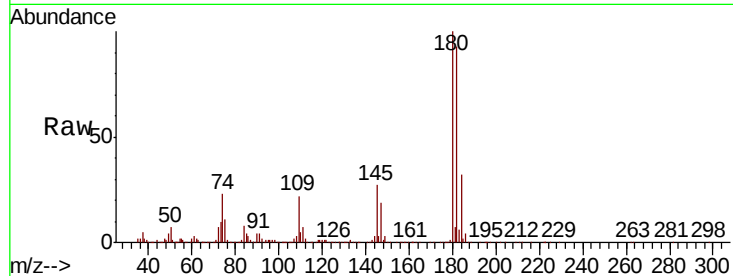




#93
 1,2,4-Trichlorobenzene
 Concen: 20.170 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

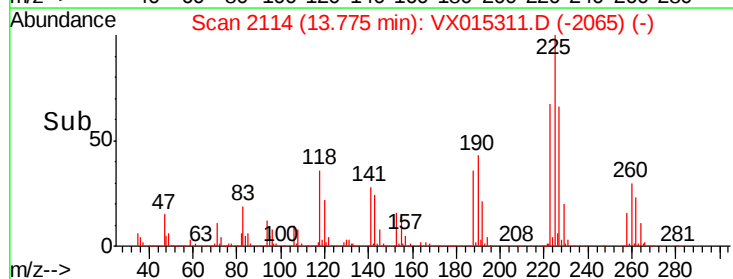
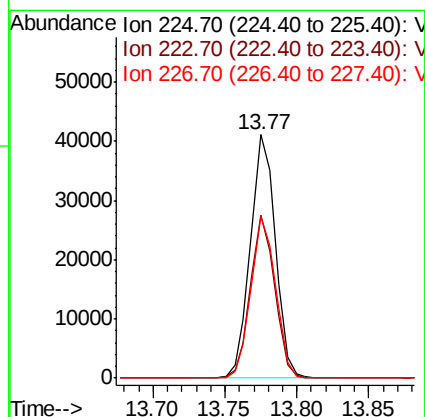
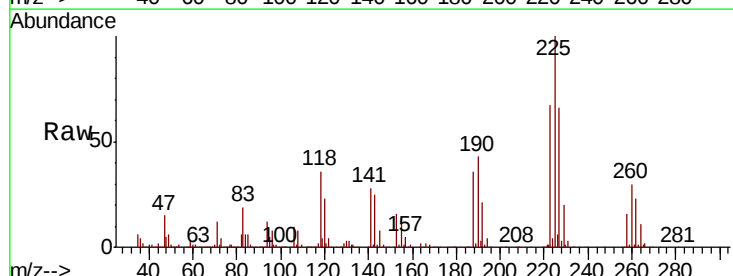
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

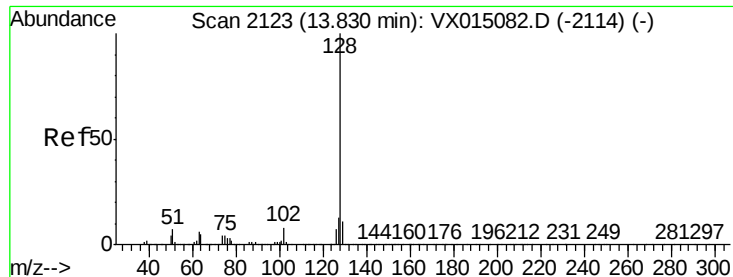
Tot Ion:180 Resp: 96782
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.8
 145 27.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 19.965 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion:225 Resp: 49161
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.3 93.9
 227 65.4 31.1 93.2

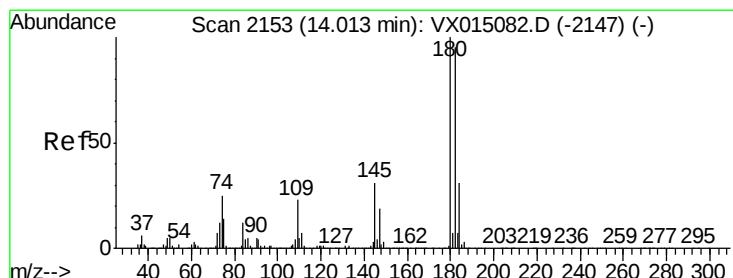
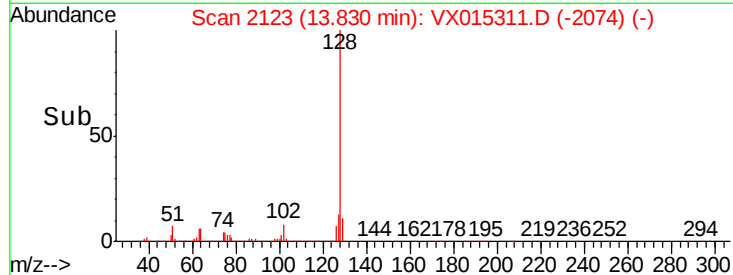
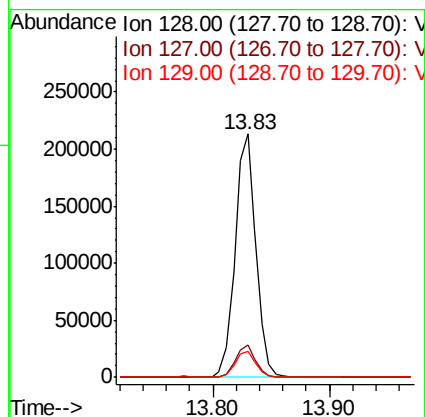
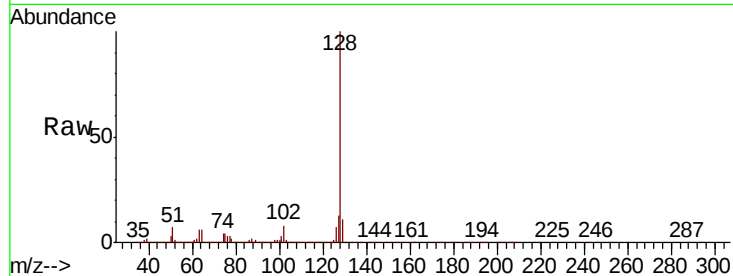




#95
Naphthalene
Concen: 18.854 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion:128 Resp: 263869
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.315 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion:180 Resp: 97259
Ion Ratio Lower Upper
180 100
182 97.8 47.8 143.4
145 30.2 15.1 45.3

