

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031720\
 Data File : VX015312.D
 Acq On : 17 Mar 2020 10:22
 Operator : JC/SP
 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Quant Time: Mar 18 01:17:24 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	304386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	450298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	219128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	170461	47.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.40%	
35) Dibromofluoromethane	5.48	113	144560	50.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.78%	
50) Toluene-d8	8.71	98	546137	50.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	197888	51.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	46466	17.433	ug/l	97
3) Chloromethane	1.32	50	63416	16.796	ug/l	98
4) Vinyl Chloride	1.41	62	65693	17.159	ug/l	97
5) Bromomethane	1.65	94	43759	18.591	ug/l	98
6) Chloroethane	1.72	64	41672	18.145	ug/l	98
7) Trichlorofluoromethane	1.93	101	85454	18.759	ug/l	99
8) Diethyl Ether	2.18	74	39552	19.169	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55449	19.347	ug/l	97
10) Methyl Iodide	2.50	142	56675	17.503	ug/l	97
11) Tert butyl alcohol	3.05	59	62471	99.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52102	17.614	ug/l	97
13) Acrolein	2.29	56	49229	83.610	ug/l	99
14) Allyl chloride	2.72	41	103991	20.163	ug/l	93
15) Acrylonitrile	3.13	53	165534	106.090	ug/l	98
16) Acetone	2.44	43	142308	97.308	ug/l	95
17) Carbon Disulfide	2.56	76	136885	16.664	ug/l	99
18) Methyl Acetate	2.76	43	75152	21.016	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	186991	20.230	ug/l	98
20) Methylene Chloride	2.85	84	66212	19.346	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	60557	19.173	ug/l	96
22) Diisopropyl ether	3.84	45	218864	21.299	ug/l	95
23) Vinyl Acetate	3.80	43	882802	104.514	ug/l	99
24) 1,1-Dichloroethane	3.69	63	113367	19.878	ug/l	98
25) 2-Butanone	4.66	43	223092	104.199	ug/l	99
26) 2,2-Dichloropropane	4.57	77	83997	18.553	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	68378	19.298	ug/l	99
28) Bromochloromethane	5.00	49	54882	21.133	ug/l	96
29) Tetrahydrofuran	5.11	42	141479	102.512	ug/l	98
30) Chloroform	5.20	83	108517	19.522	ug/l	99
31) Cyclohexane	5.57	56	98585	19.380	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	89765	19.481	ug/l	96
36) 1,1-Dichloropropene	5.79	75	81159	19.496	ug/l	98
37) Ethyl Acetate	4.82	43	88673	22.964	ug/l	98
38) Carbon Tetrachloride	5.78	117	75451	19.202	ug/l	96

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 Data File : VX015312.D
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 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Quant Time: Mar 18 01:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	98196	20.201	ug/l	95
40) Benzene	6.13	78	253160	20.498	ug/l	98
41) Methacrylonitrile	5.03	41	48845	21.059	ug/l	98
42) 1,2-Dichloroethane	6.18	62	84537	19.932	ug/l	96
43) Isopropyl Acetate	6.43	43	141811	20.876	ug/l	99
44) Trichloroethene	7.20	130	68879	20.026	ug/l	93
45) 1,2-Dichloropropane	7.51	63	69525	21.748	ug/l	98
46) Dibromomethane	7.65	93	42800	20.547	ug/l	99
47) Bromodichloromethane	7.89	83	84081	20.412	ug/l	97
48) Methyl methacrylate	7.76	41	70429	20.370	ug/l	96
49) 1,4-Dioxane	7.75	88	29334	392.412	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	439910	109.527	ug/l	100
52) Toluene	8.78	92	157800	20.896	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	89965	20.520	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	104786	21.141	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	64249	20.671	ug/l	97
56) Ethyl methacrylate	9.17	69	94914	21.409	ug/l	98
57) 1,3-Dichloropropane	9.36	76	110644	21.159	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	251971	104.326	ug/l	100
59) 2-Hexanone	9.48	43	320598	107.694	ug/l	99
60) Dibromochloromethane	9.57	129	67219	20.588	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66345	20.322	ug/l	100
64) Tetrachloroethene	9.33	164	72046	20.952	ug/l	93
65) Chlorobenzene	10.13	112	169659	20.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	63616	20.205	ug/l	99
67) Ethyl Benzene	10.25	91	291147	20.534	ug/l	99
68) m/p-Xylenes	10.35	106	222571	41.259	ug/l	99
69) o-Xylene	10.70	106	107222	20.760	ug/l	99
70) Styrene	10.71	104	186030	21.006	ug/l	99
71) Bromoform	10.85	173	49974	20.468	ug/l #	100
73) Isopropylbenzene	11.01	105	285024	20.362	ug/l	100
74) N-amyl acetate	10.89	43	120370	20.404	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	95299	20.428	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	101925	23.319	ug/l	83
77) Bromobenzene	11.25	156	75970	19.474	ug/l	98
78) n-propylbenzene	11.35	91	334145	20.894	ug/l	99
79) 2-Chlorotoluene	11.42	91	195242	20.443	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	242115	20.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	29584	19.209	ug/l	98
82) 4-Chlorotoluene	11.51	91	228837	20.281	ug/l	100
83) tert-Butylbenzene	11.76	119	230280	20.438	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	240061	20.507	ug/l	99
85) sec-Butylbenzene	11.94	105	283519	20.844	ug/l	99
86) p-Isopropyltoluene	12.06	119	260564	20.793	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	137723	20.082	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	141097	19.928	ug/l	99
89) n-Butylbenzene	12.39	91	230862	20.713	ug/l	99
90) Hexachloroethane	12.59	117	45528	19.217	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	137628	20.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18249	19.535	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Quant Time: Mar 18 01:17:24 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

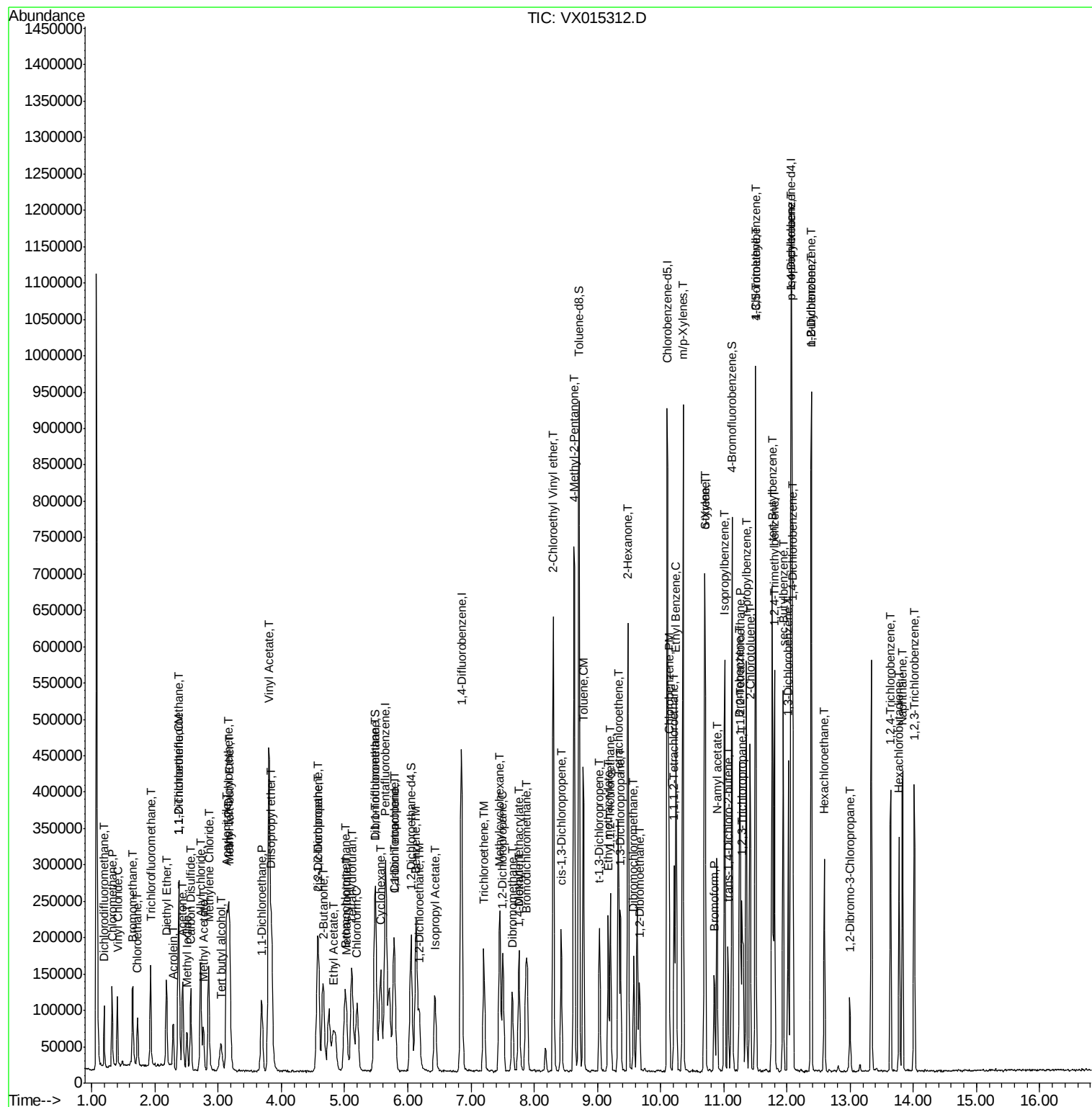
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	97708	20.645	ug/l	99
94) Hexachlorobutadiene	13.78	225	49776	20.496	ug/l	98
95) Naphthalene	13.83	128	264282	19.123	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	98909	20.946	ug/l	98

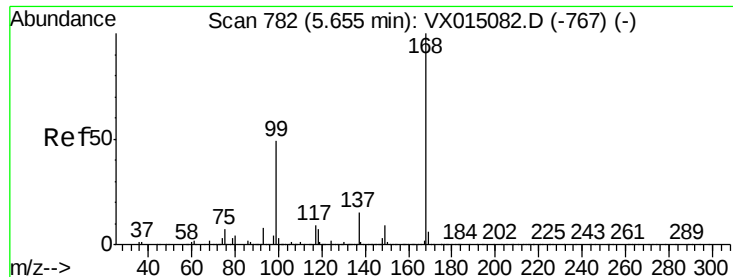
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031720\
 Data File : VX015312.D
 Acq On : 17 Mar 2020 10:22
 Operator : JC/SP
 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0317WBSD01

Quant Time: Mar 18 01:17:24 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



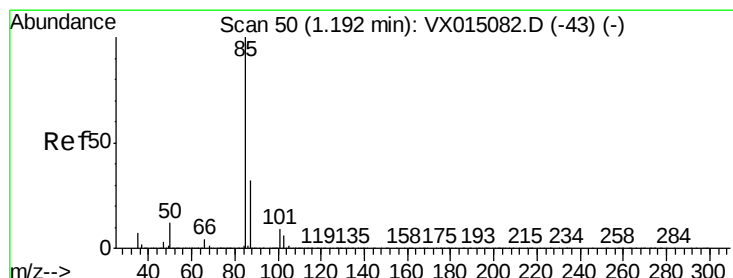
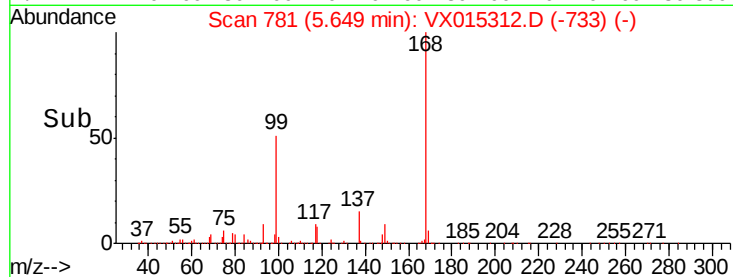
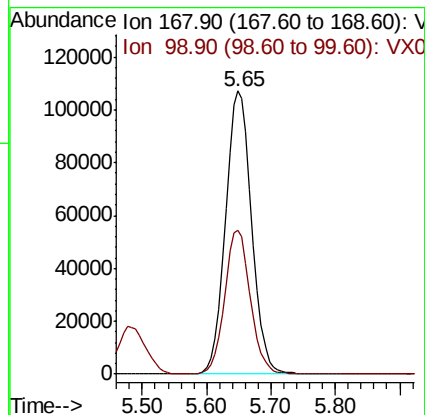
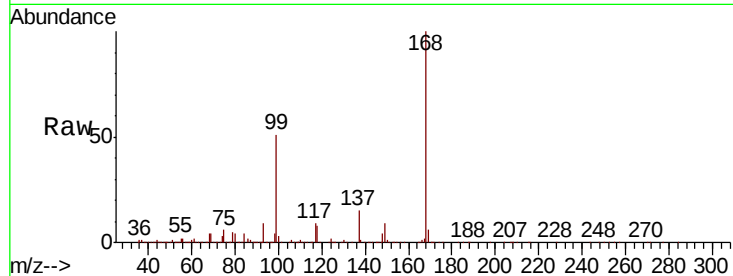


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

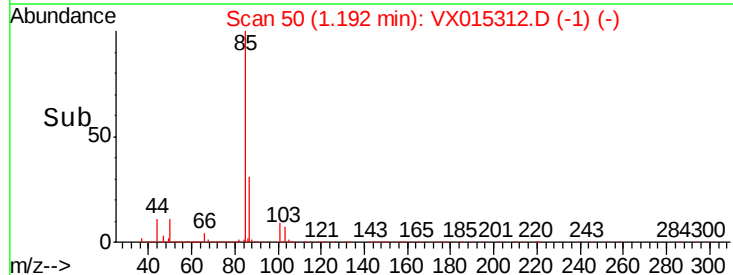
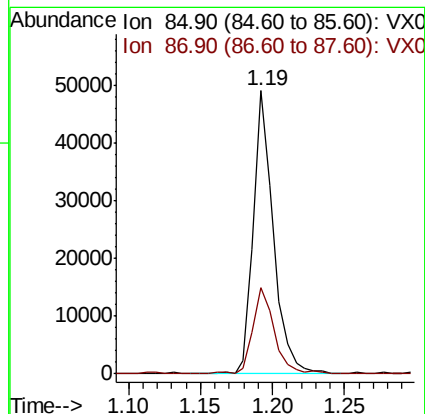
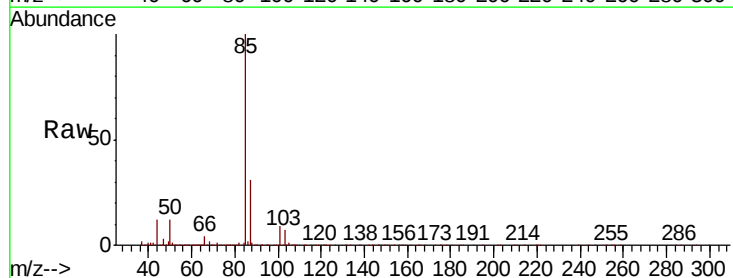
Tot Ion:168 Resp: 304386
 Ion Ratio Lower Upper
 168 100
 99 50.9 39.4 59.2

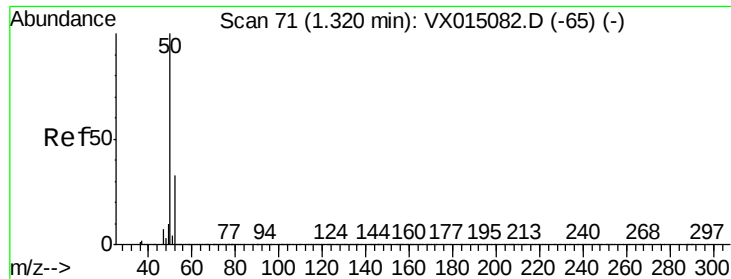


#2

Dichlorodifluoromethane
 Concen: 17.433 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion: 85 Resp: 46466
 Ion Ratio Lower Upper
 85 100
 87 30.4 16.2 48.5





#3

Chloromethane

Concen: 16.796 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

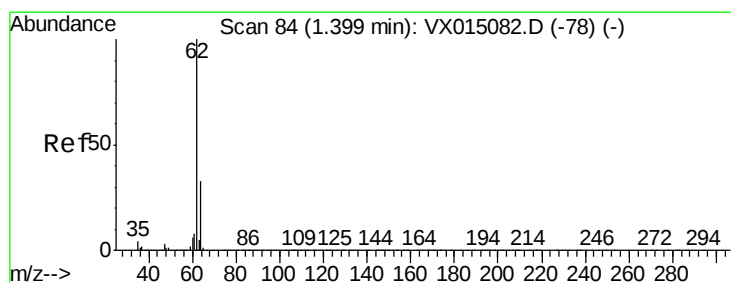
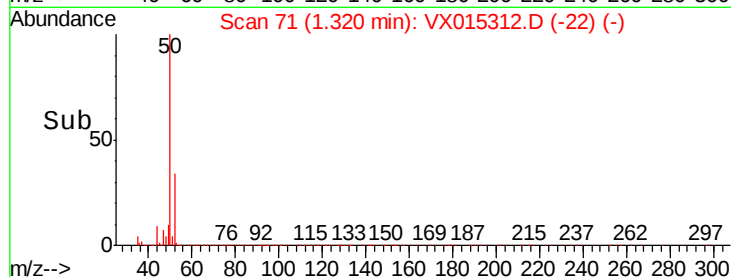
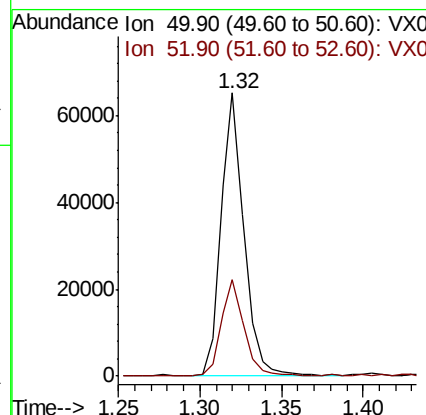
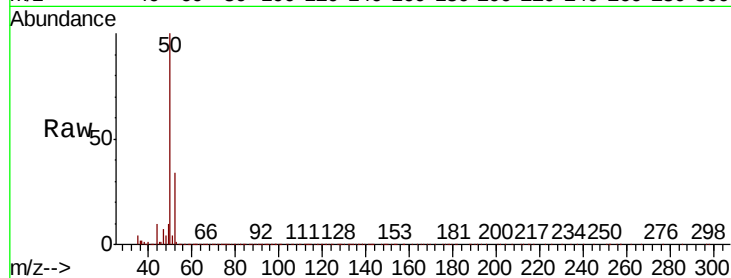
VX0317WBSD01

Tot Ion: 50 Resp: 63416

Ion Ratio Lower Upper

50 100

52 33.9 26.2 39.2



#4

Vinyl Chloride

Concen: 17.159 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015312.D

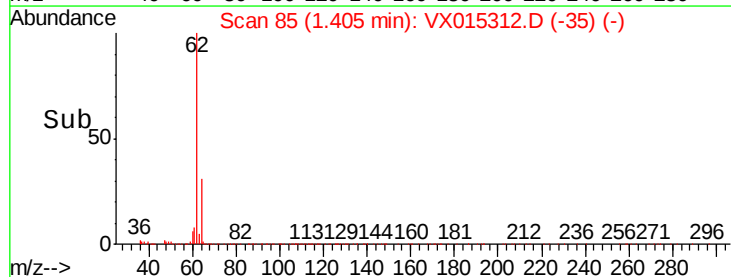
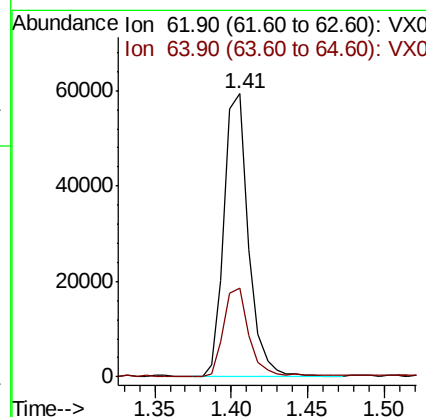
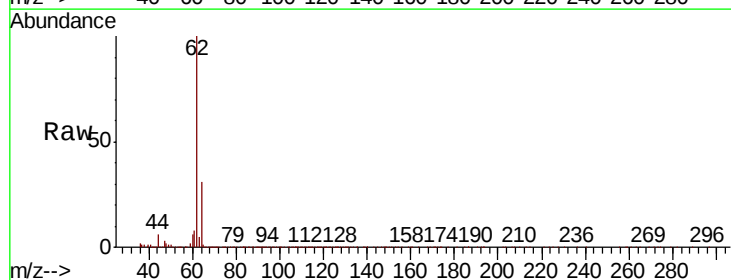
Acq: 17 Mar 2020 10:22

Tgt Ion: 62 Resp: 65693

Ion Ratio Lower Upper

62 100

64 31.1 26.1 39.1





#5

Bromomethane

Concen: 18.591 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

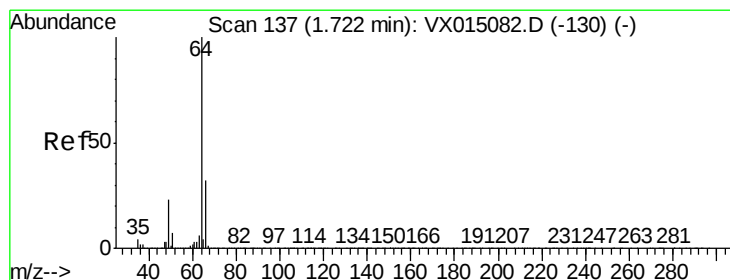
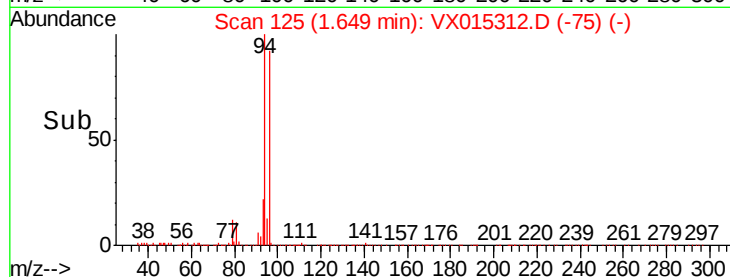
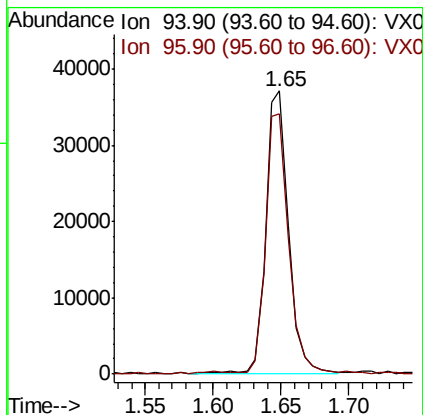
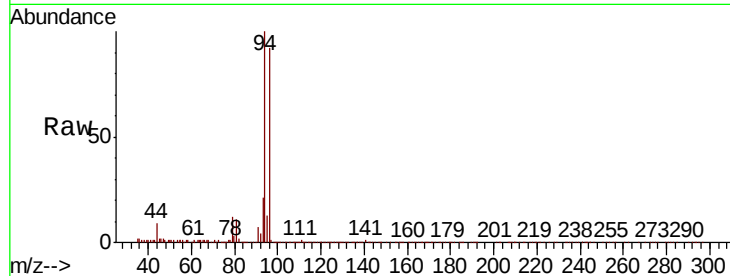
VX0317WBSD01

Tot Ion: 94 Resp: 43759

Ion Ratio Lower Upper

94 100

96 91.1 74.6 111.8



#6

Chloroethane

Concen: 18.145 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015312.D

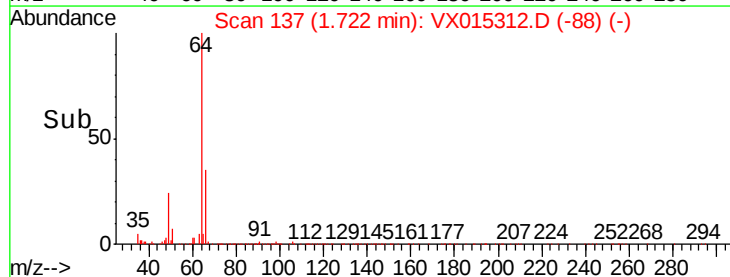
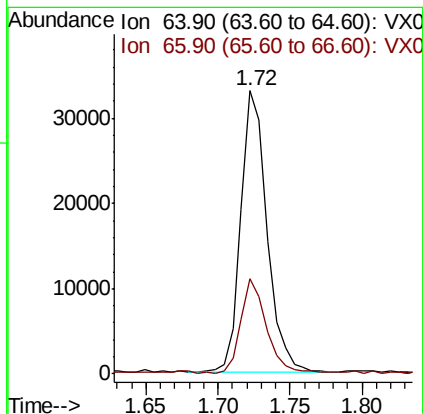
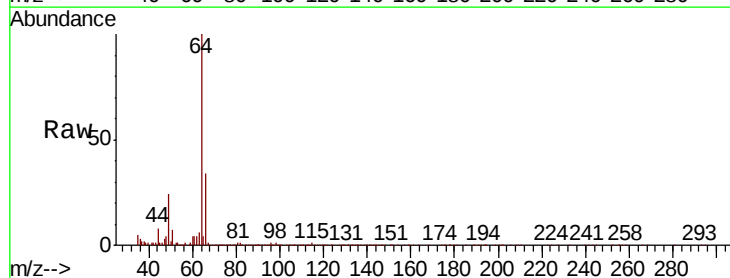
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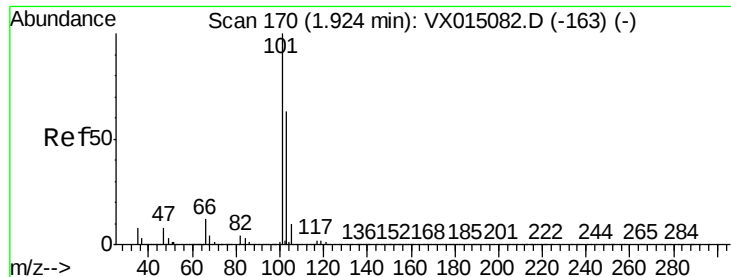
Tgt Ion: 64 Resp: 41672

Ion Ratio Lower Upper

64 100

66 33.3 25.8 38.8



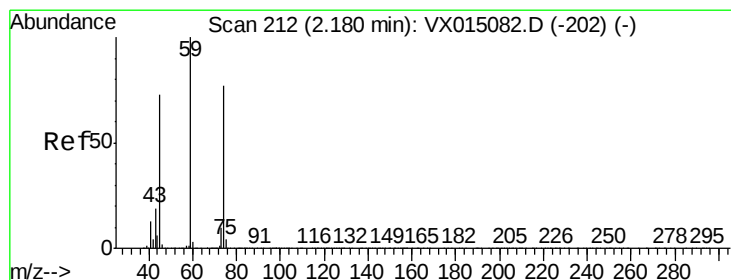
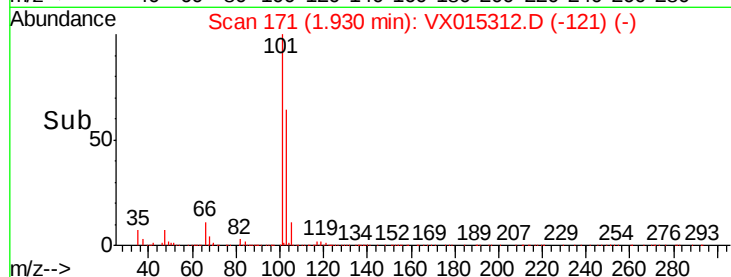
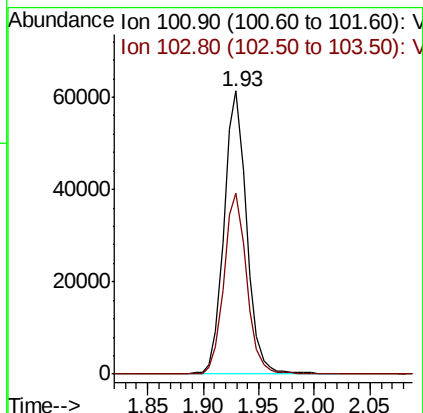
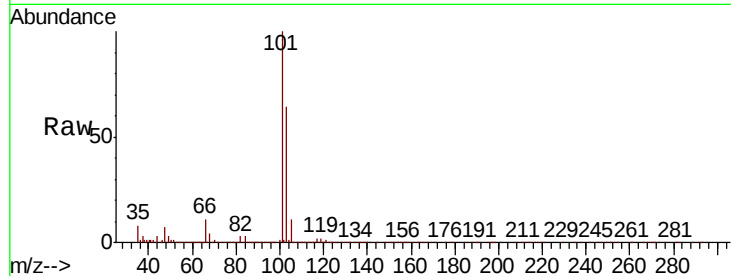


#7

Trichlorofluoromethane
Concen: 18.759 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

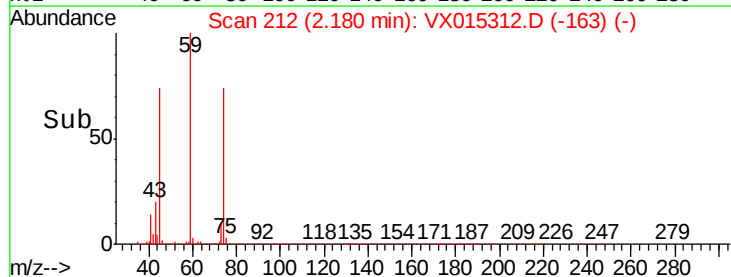
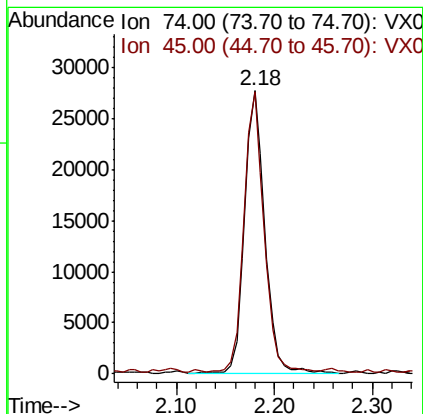
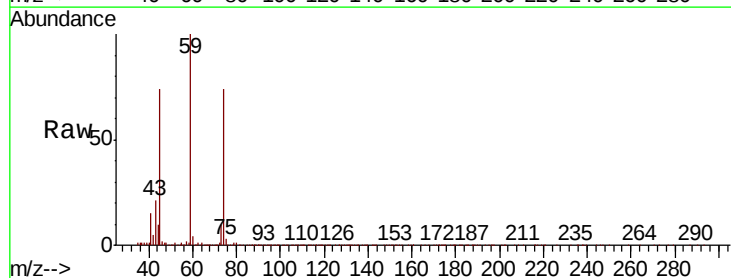
Tot Ion:101 Resp: 85454
Ion Ratio Lower Upper
101 100
103 63.9 50.4 75.6

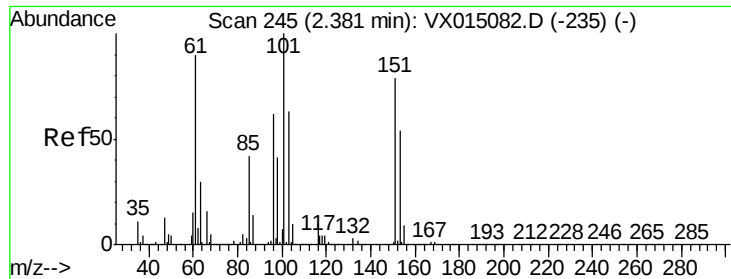


#8

Diethyl Ether
Concen: 19.169 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 74 Resp: 39552
Ion Ratio Lower Upper
74 100
45 98.1 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.347 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

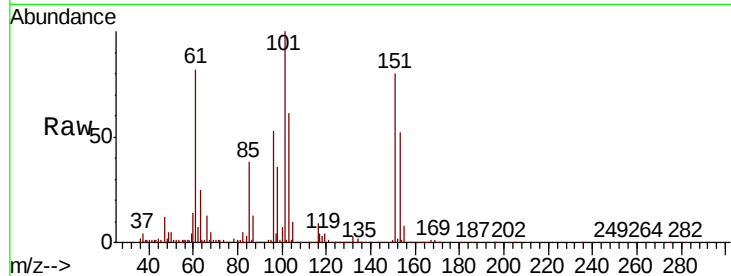
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Ion Ratio Lower Upper

101 100

85 44.5 33.7 50.5

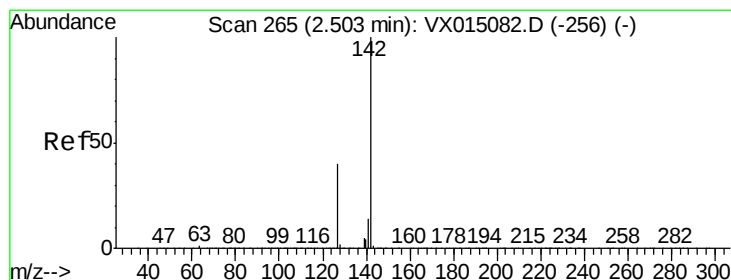
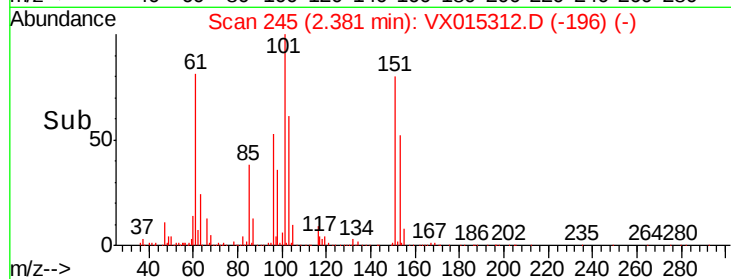
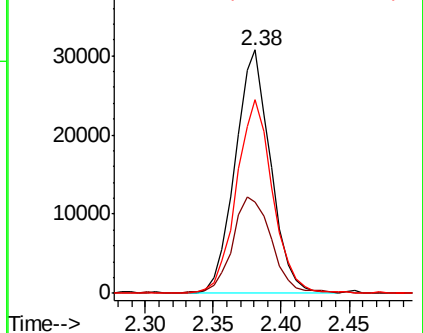
151 82.2 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.503 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

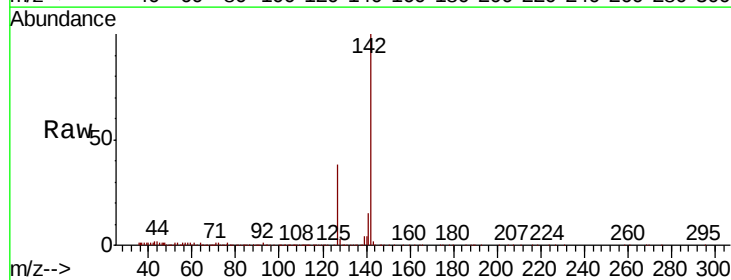
Tgt Ion:142 Resp: 56675

Ion Ratio Lower Upper

142 100

127 37.7 31.7 47.5

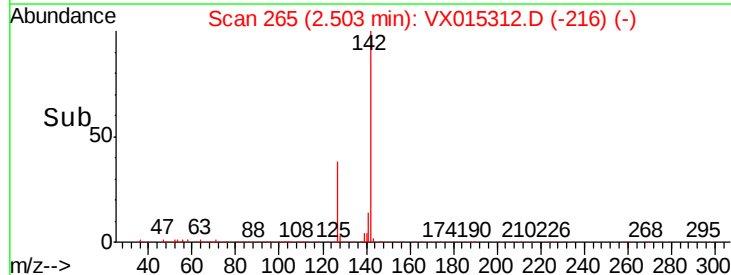
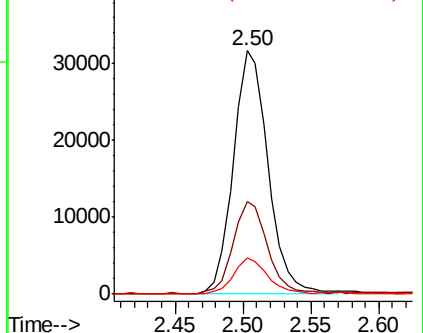
141 14.7 11.3 16.9

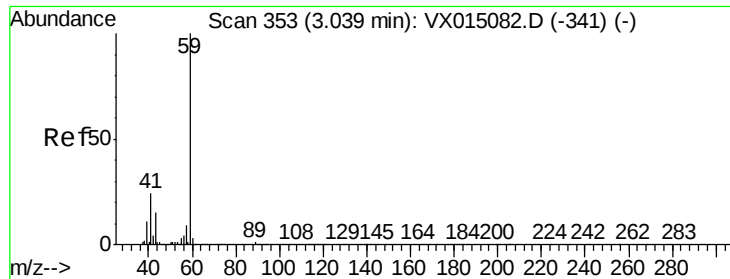


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



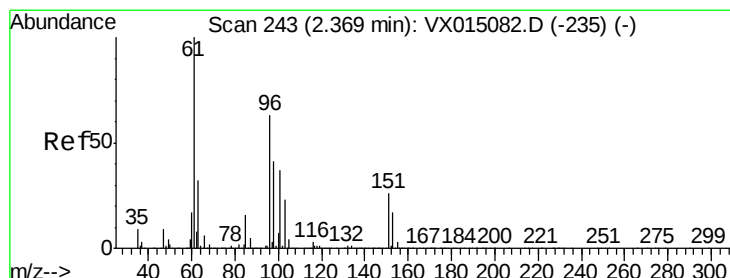
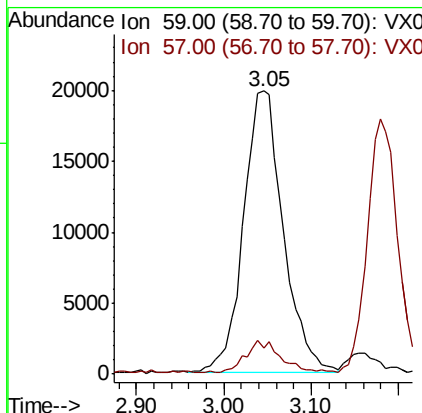
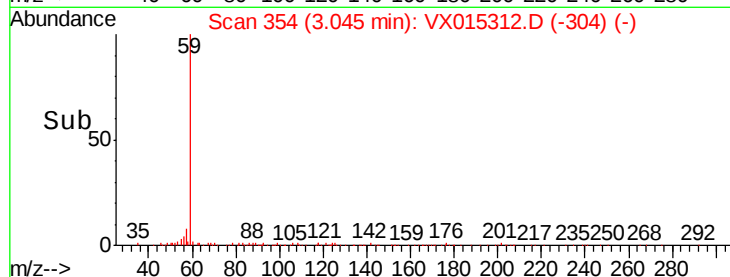
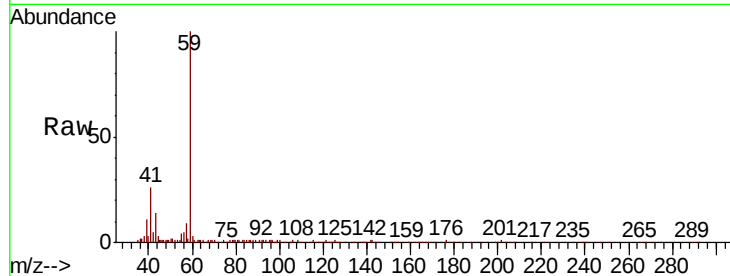


#11

Tert butyl alcohol
 Concen: 99.709 ug/l
 RT: 3.05 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

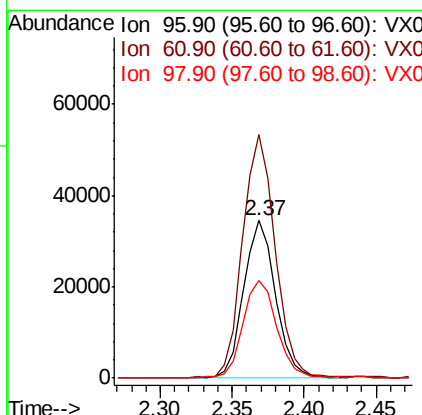
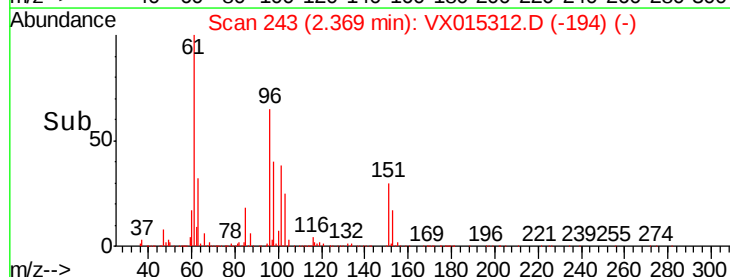
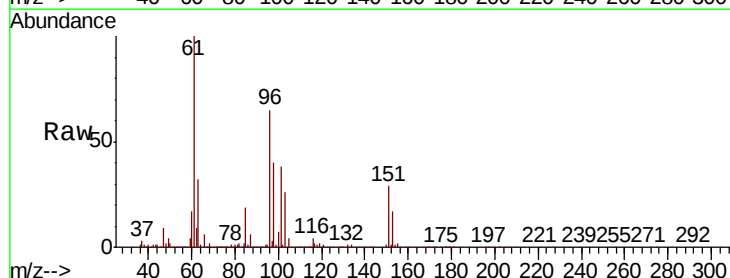
Tot Ion: 59 Resp: 62471
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

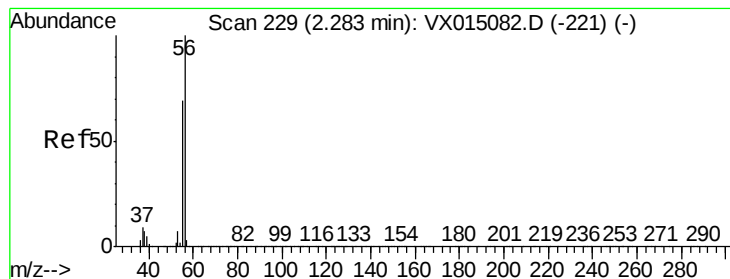


#12

1,1-Dichloroethene
 Concen: 17.614 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion: 96 Resp: 52102
 Ion Ratio Lower Upper
 96 100
 61 154.3 126.2 189.4
 98 61.3 51.4 77.0





#13

Acrolein

Concen: 83.610 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

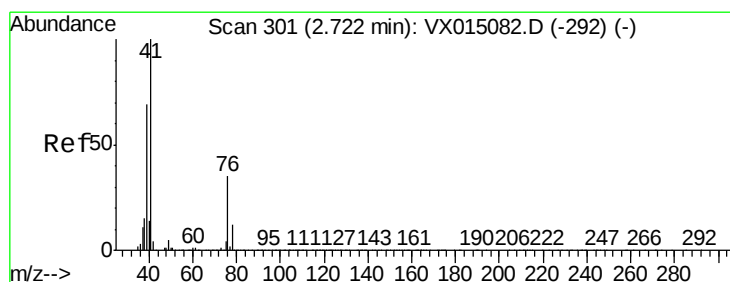
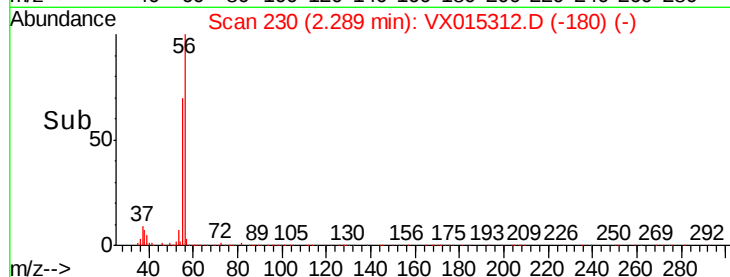
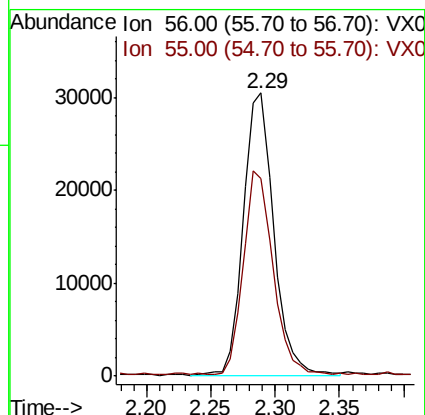
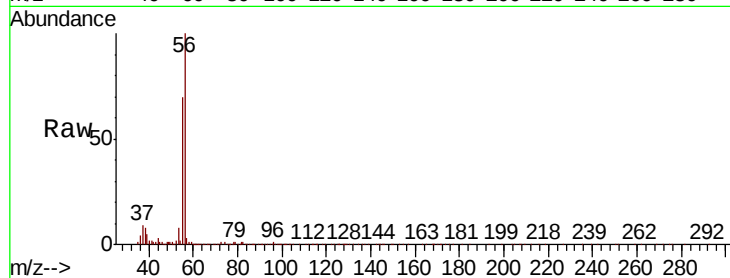
VX0317WBSD01

Tot Ion: 56 Resp: 49229

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.0



#14

Allyl chloride

Concen: 20.163 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

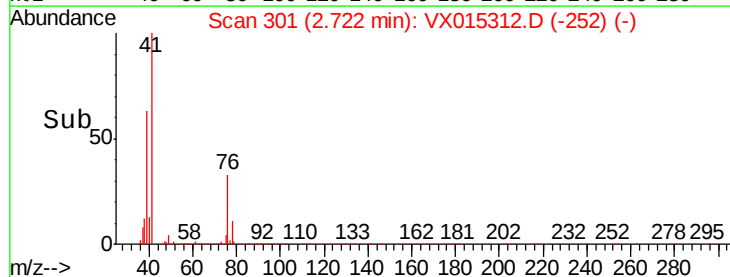
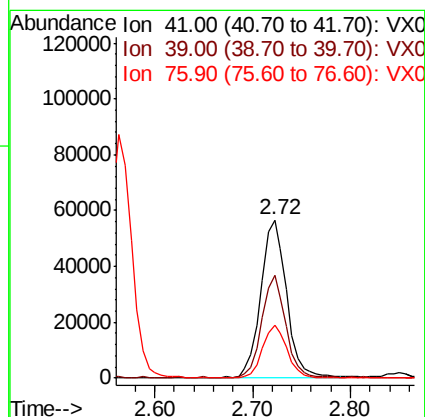
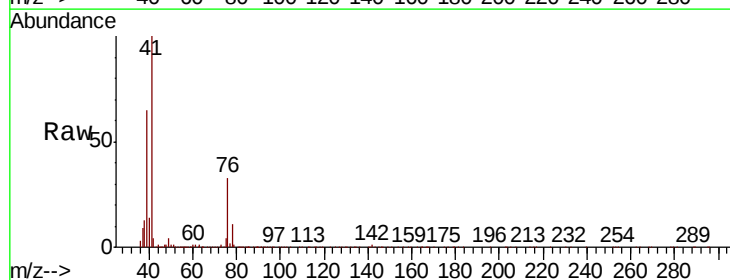
Tgt Ion: 41 Resp: 103991

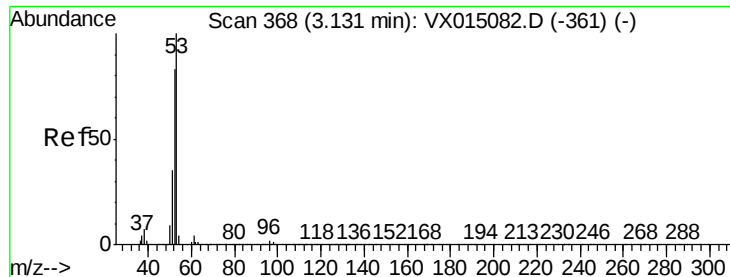
Ion Ratio Lower Upper

41 100

39 59.3 52.9 79.3

76 31.3 26.8 40.2





#15

Acrylonitrile

Concen: 106.090 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

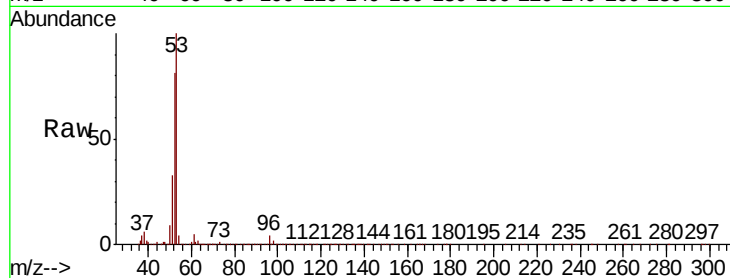
Tot Ion: 53 Resp: 165534

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

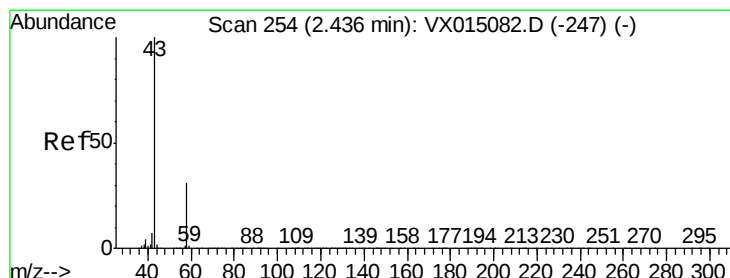
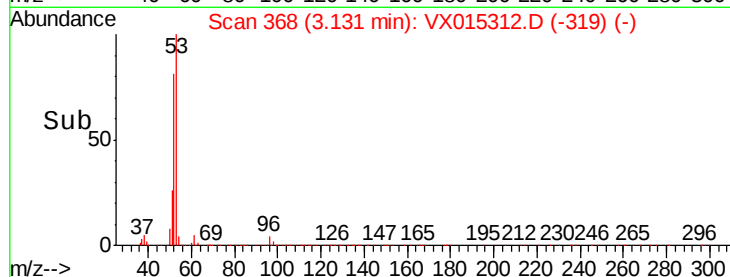
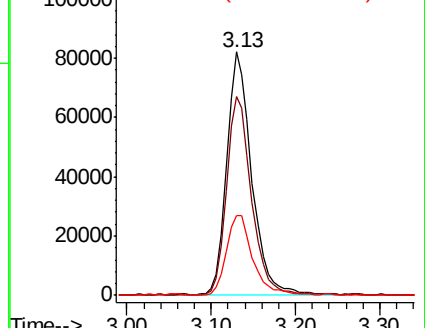
51 33.8 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.308 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015312.D

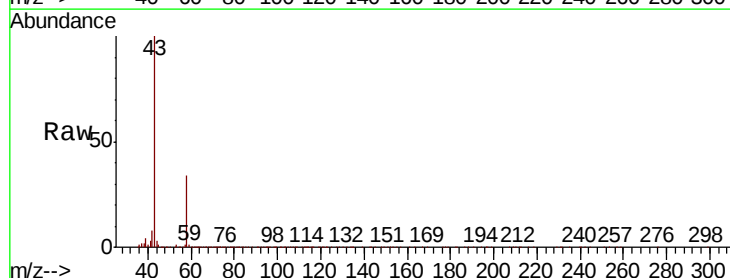
Acq: 17 Mar 2020 10:22

Tgt Ion: 43 Resp: 142308

Ion Ratio Lower Upper

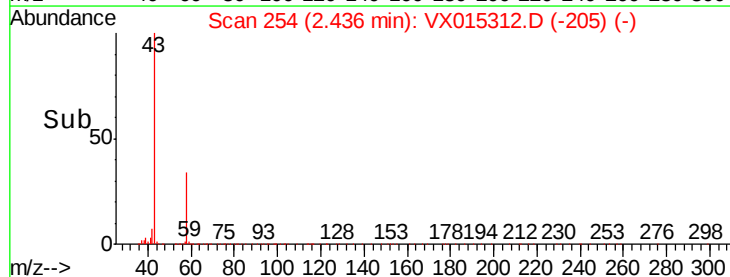
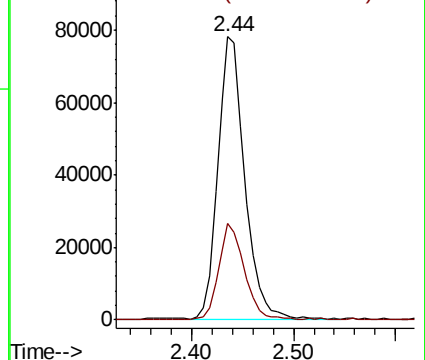
43 100

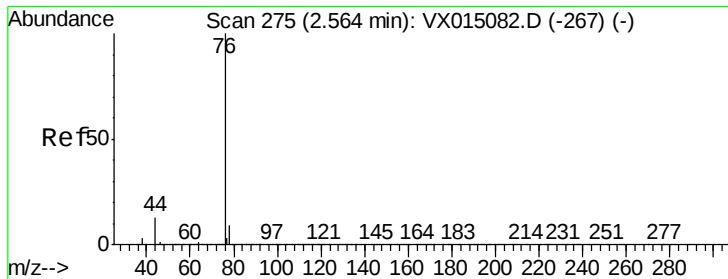
58 34.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

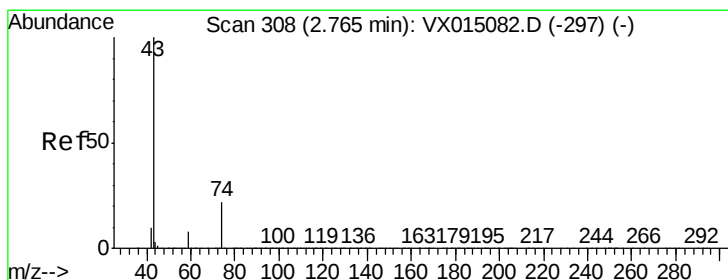
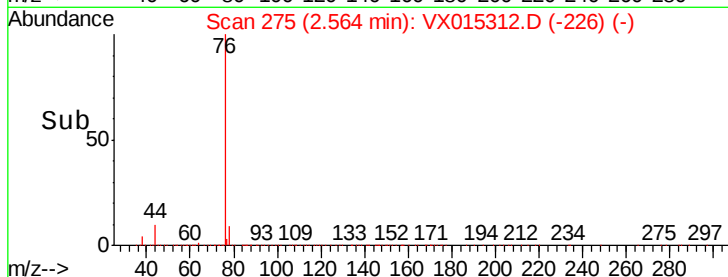
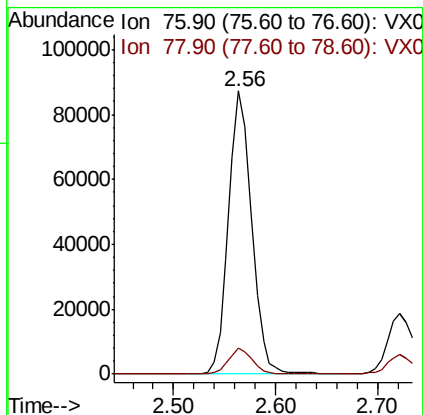
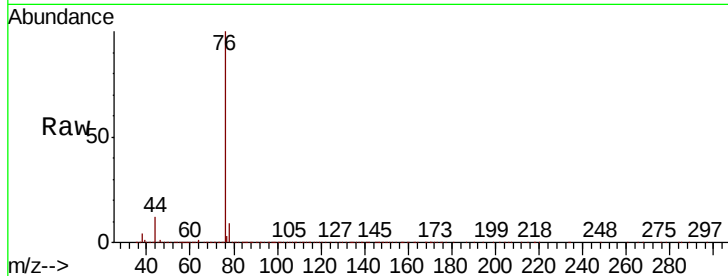




#17
Carbon Disulfide
Concen: 16.664 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

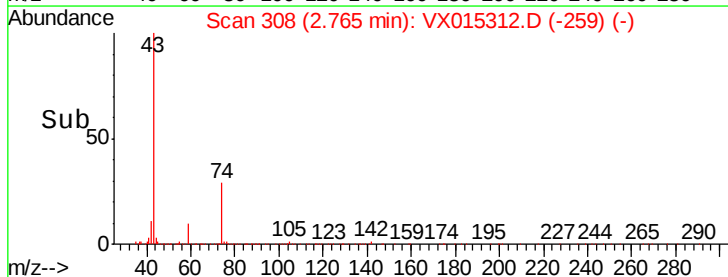
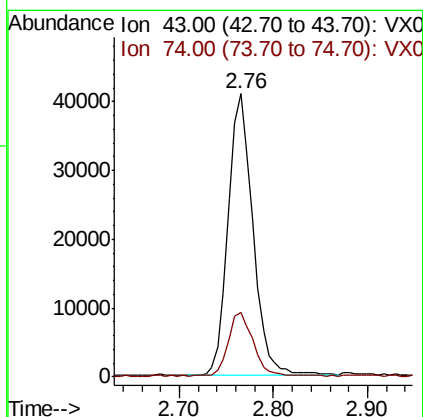
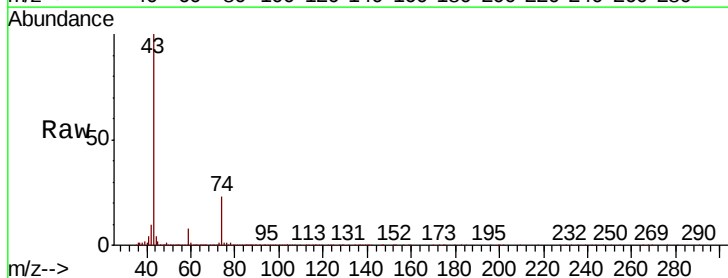
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

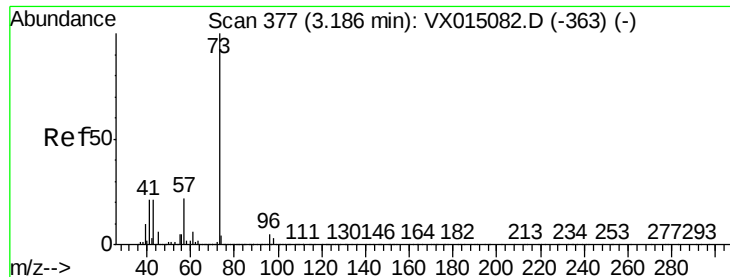
Tot Ion: 76 Resp: 136885
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 21.016 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 43 Resp: 75152
Ion Ratio Lower Upper
43 100
74 23.0 18.8 28.2



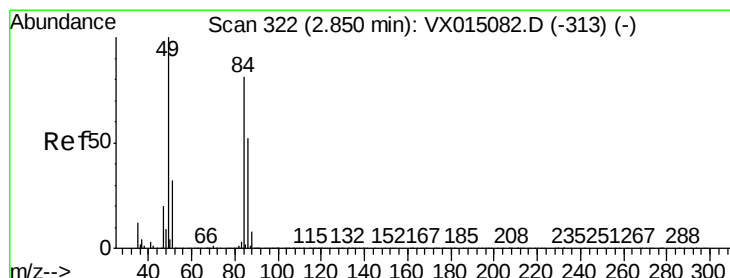
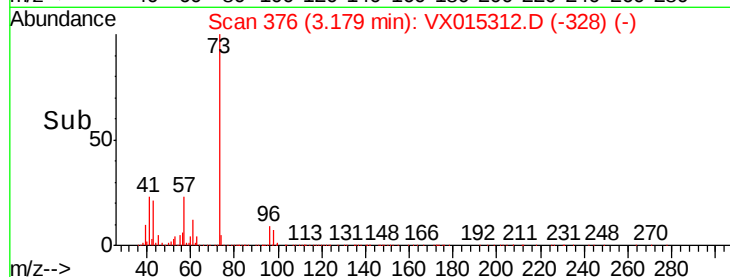
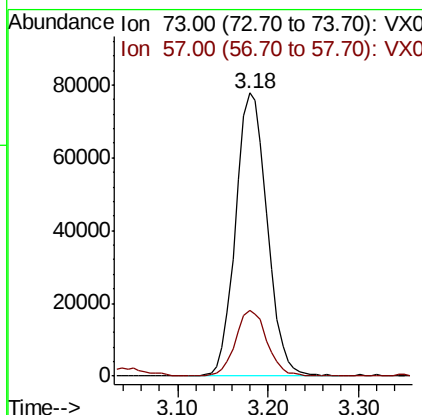
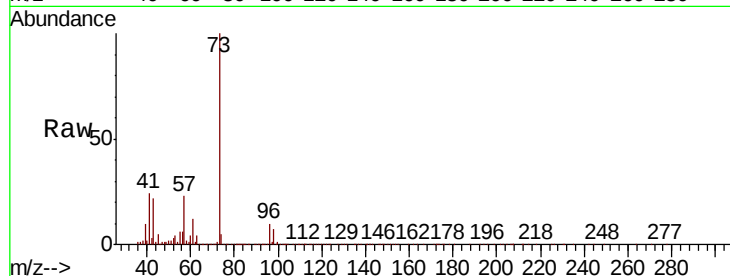


#19

Methyl tert-butyl Ether
 Concen: 20.230 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

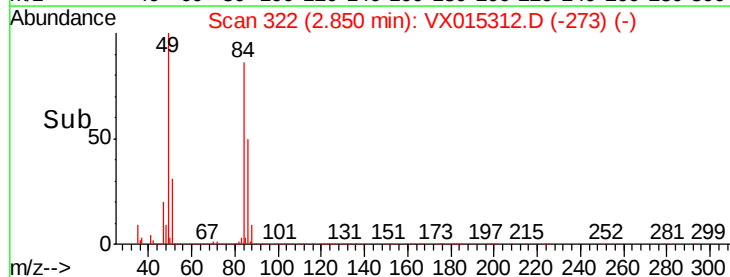
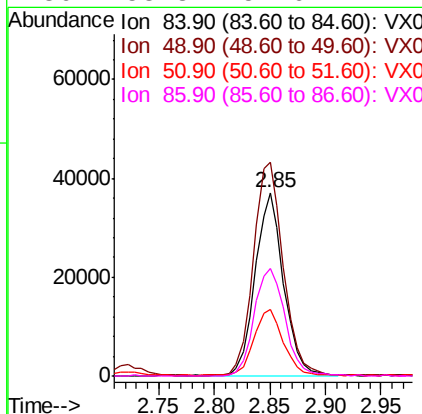
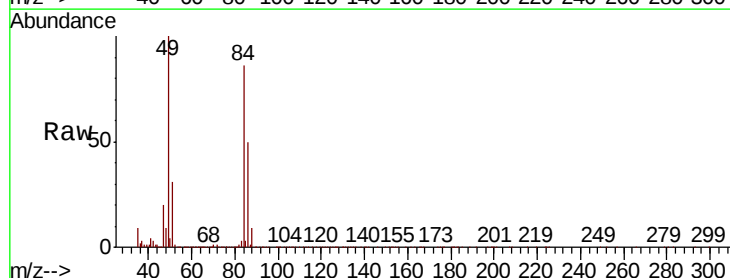
Tot Ion: 73 Resp: 186991
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.8 26.6

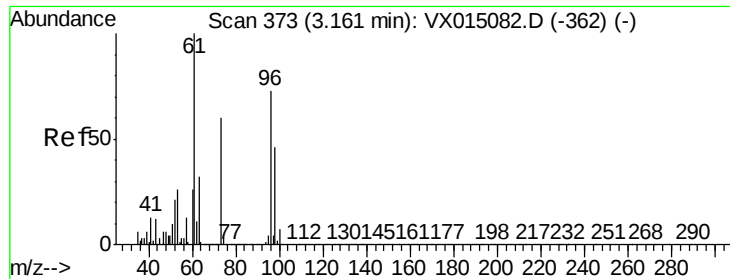


#20

Methylene Chloride
 Concen: 19.346 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion: 84 Resp: 66212
 Ion Ratio Lower Upper
 84 100
 49 116.1 99.4 149.2
 51 35.7 31.5 47.3
 86 58.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.173 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

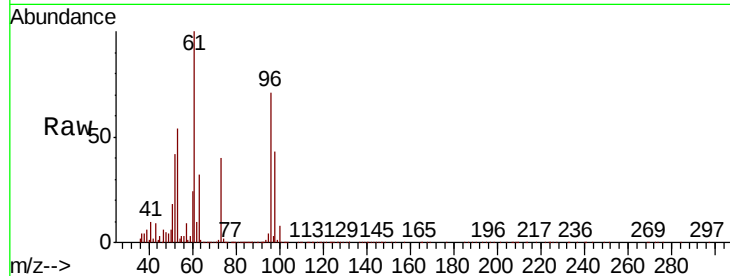
Tot Ion: 96 Resp: 60557

Ion Ratio Lower Upper

96 100

61 141.8 109.9 164.9

98 60.3 50.2 75.2

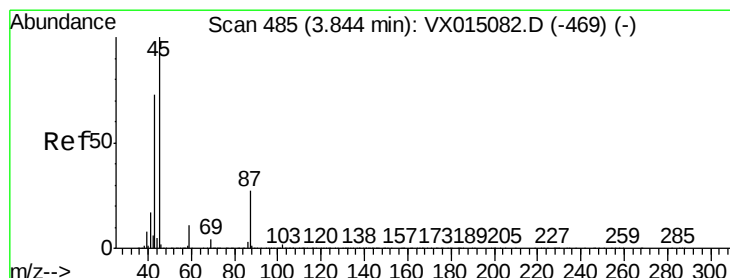
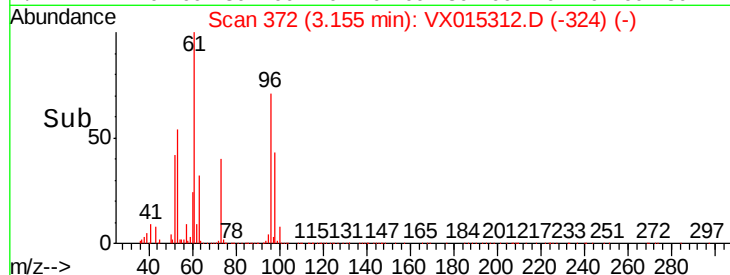
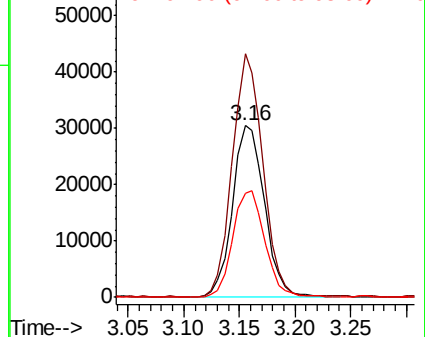


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.299 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion: 45 Resp: 218864

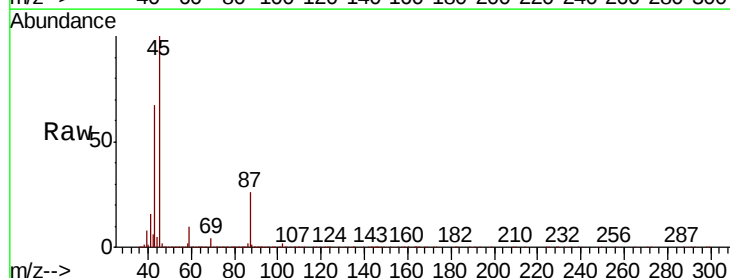
Ion Ratio Lower Upper

45 100

43 67.1 58.2 87.2

87 25.7 21.2 31.8

59 10.2 8.9 13.3



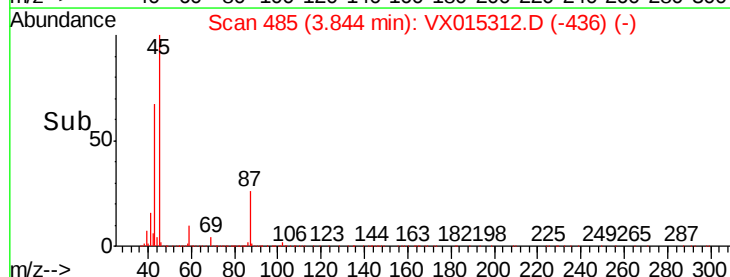
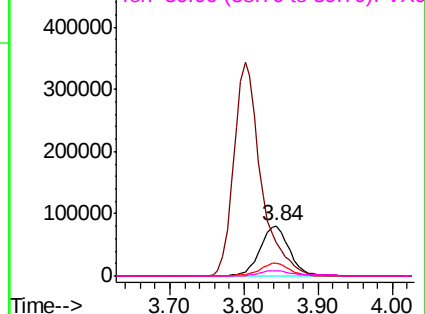
Abundance

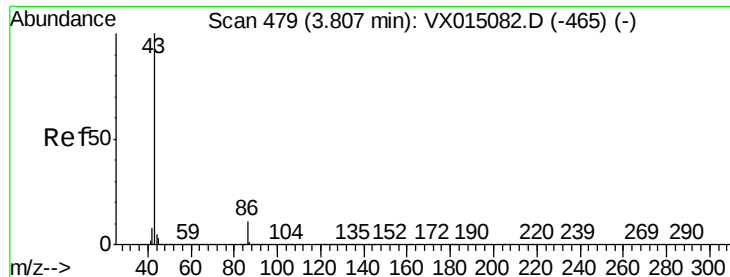
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.514 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

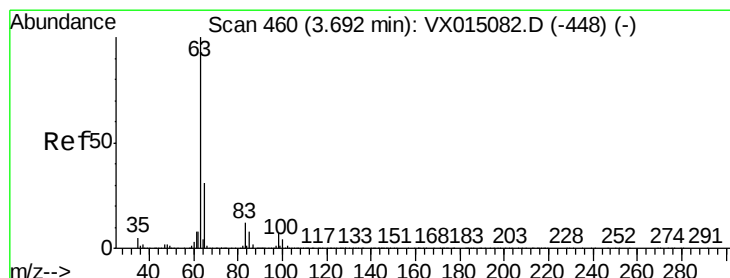
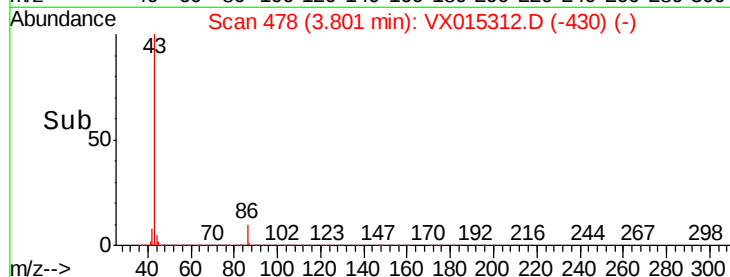
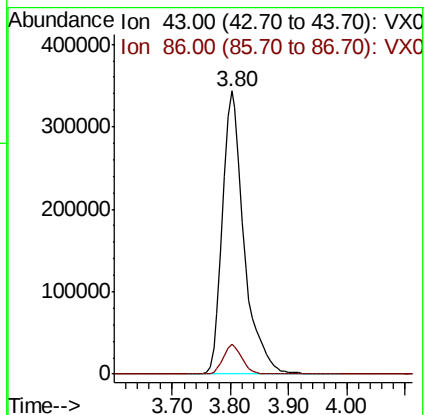
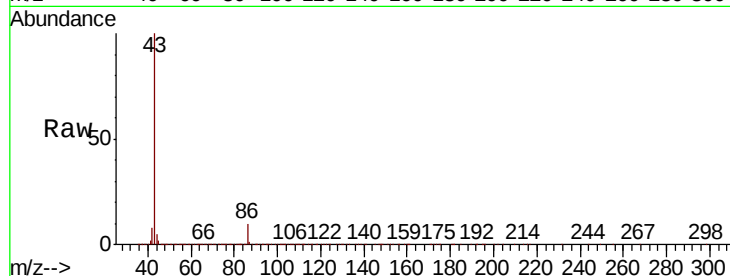
VX0317WBSD01

Tot Ion: 43 Resp: 882802

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.878 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

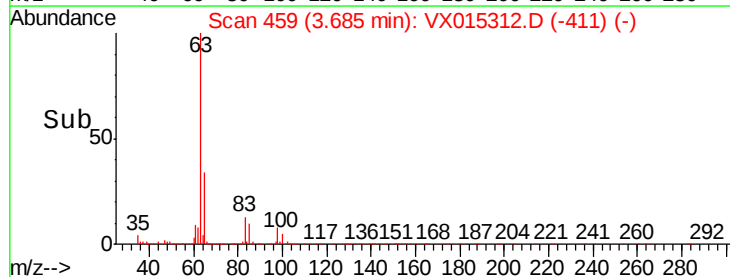
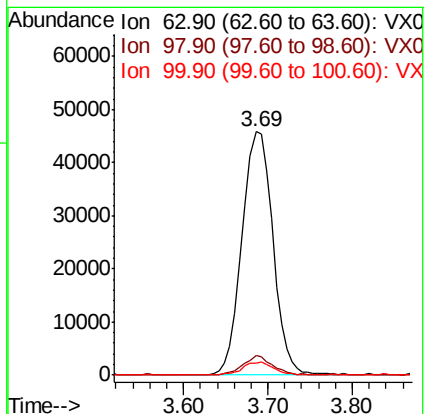
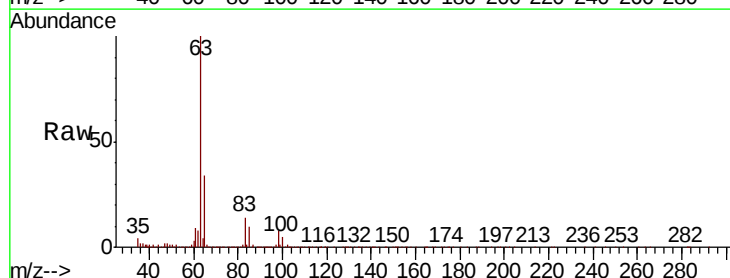
Tgt Ion: 63 Resp: 113367

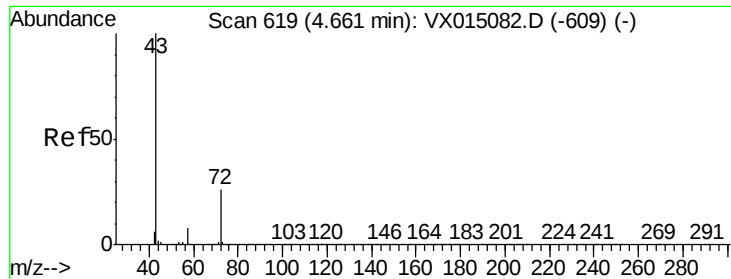
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 104.199 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

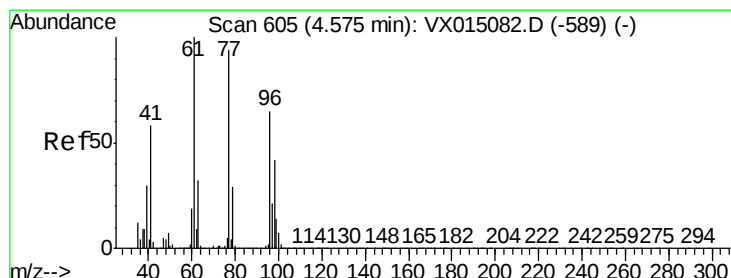
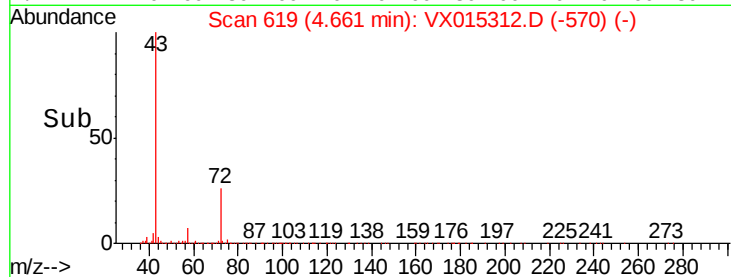
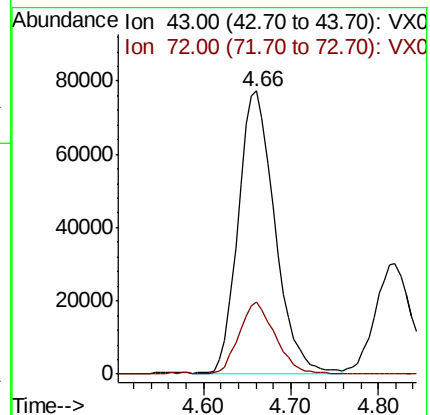
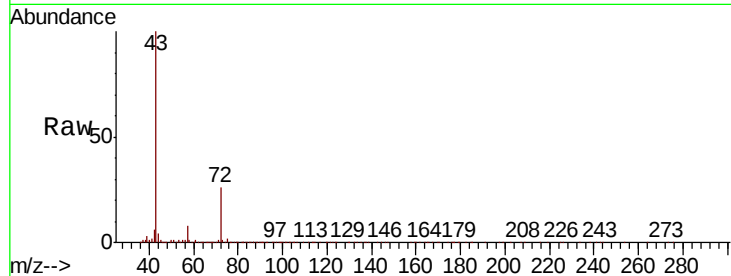
VX0317WBSD01

Tot Ion: 43 Resp: 223092

Ion Ratio Lower Upper

43 100

72 25.4 20.6 30.8



#26

2,2-Dichloropropane

Concen: 18.553 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015312.D

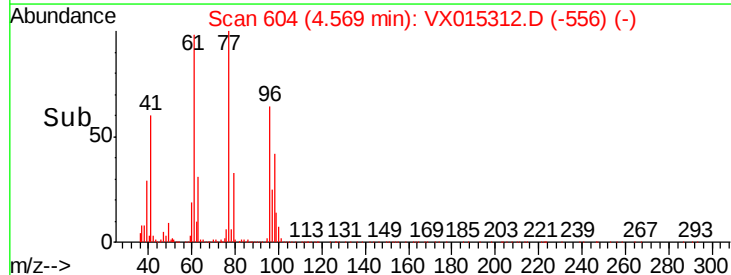
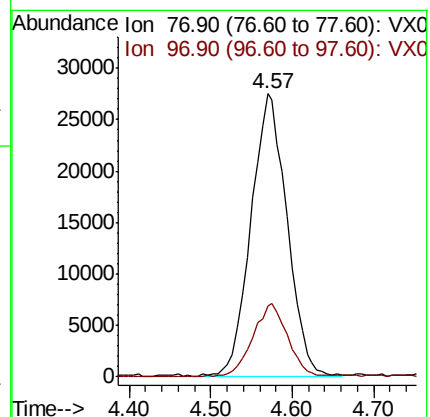
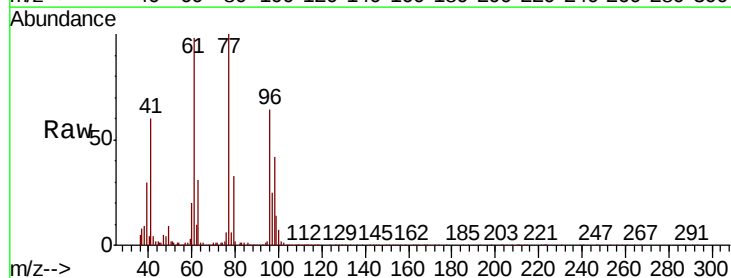
Acq: 17 Mar 2020 10:22

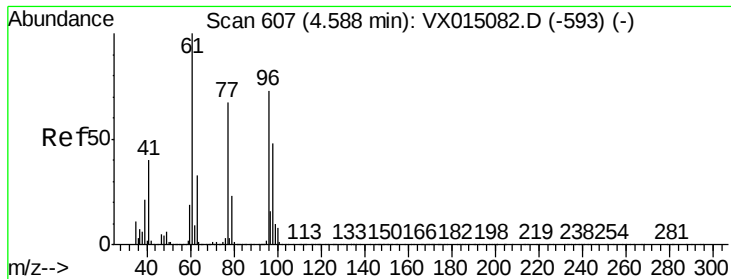
Tgt Ion: 77 Resp: 83997

Ion Ratio Lower Upper

77 100

97 25.5 11.8 35.4



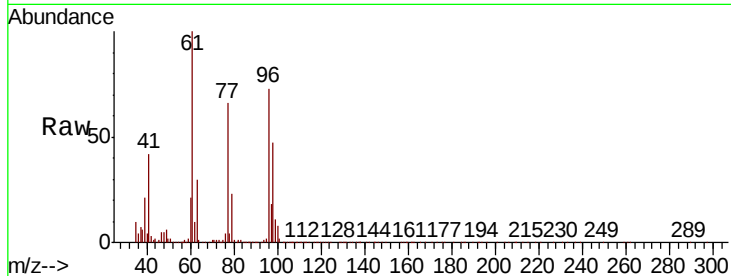


#27

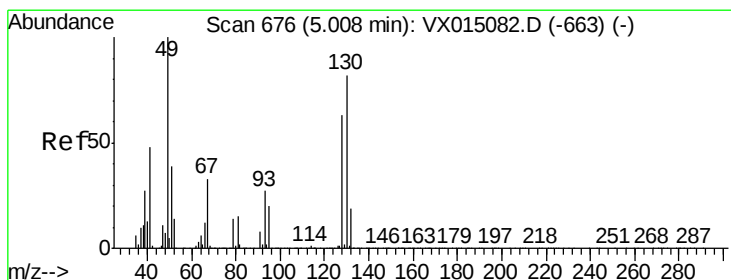
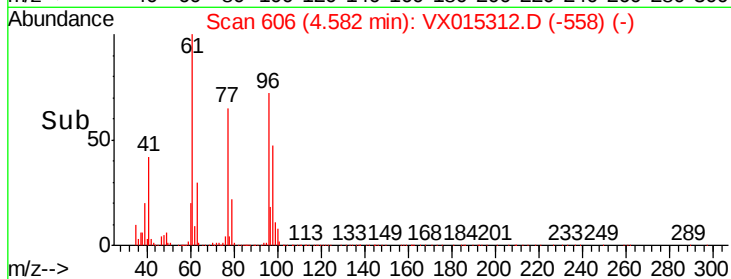
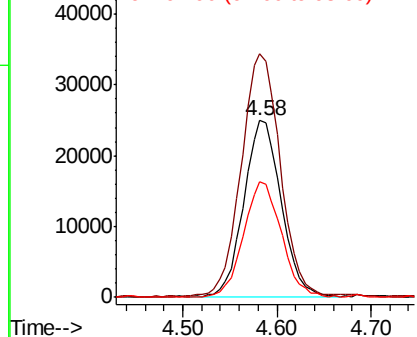
cis-1,2-Dichloroethene
 Concen: 19.298 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Tot Ion: 96 Resp: 68378
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 286.8
 98 67.0 0.0 128.4



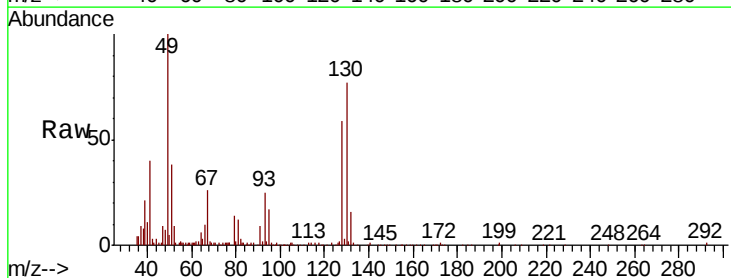
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



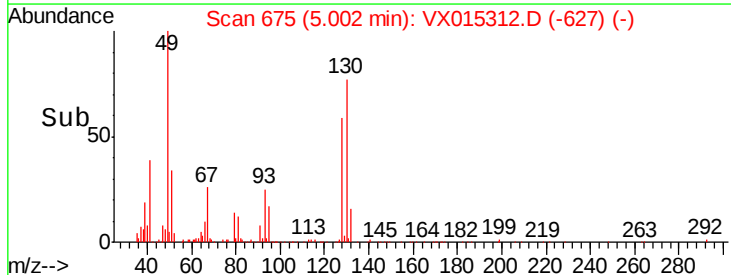
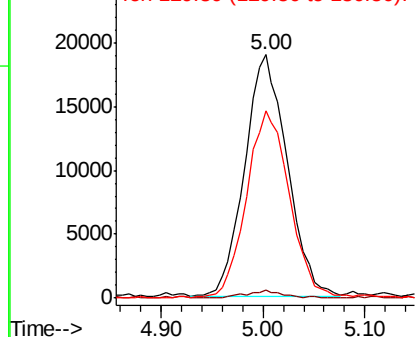
#28

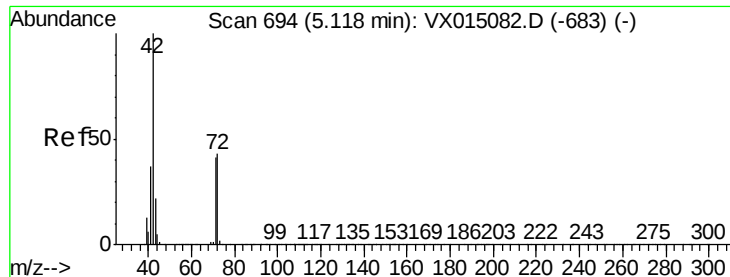
Bromochloromethane
 Concen: 21.133 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion: 49 Resp: 54882
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.4
 130 77.5 65.0 97.6



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

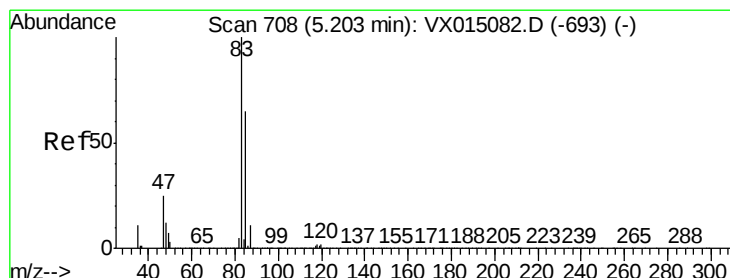
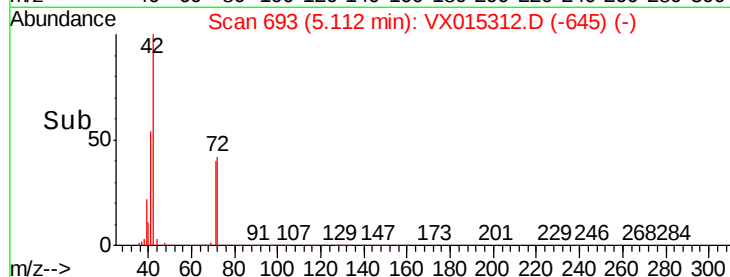
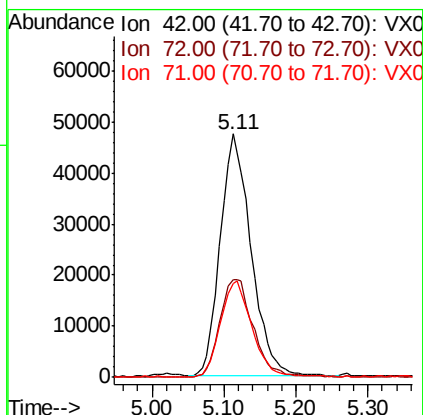
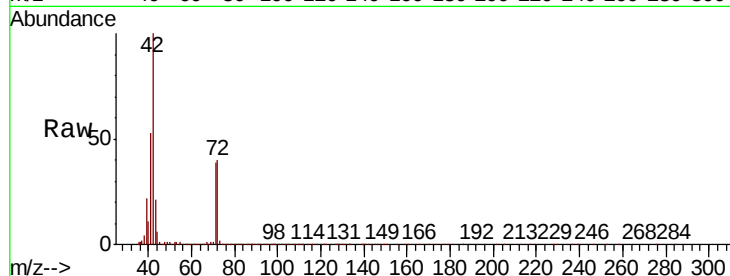




#29
Tetrahydrofuran
Concen: 102.512 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

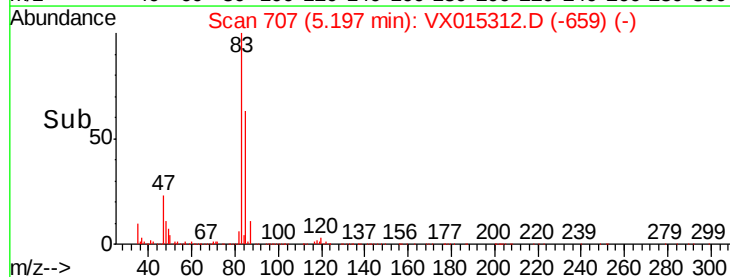
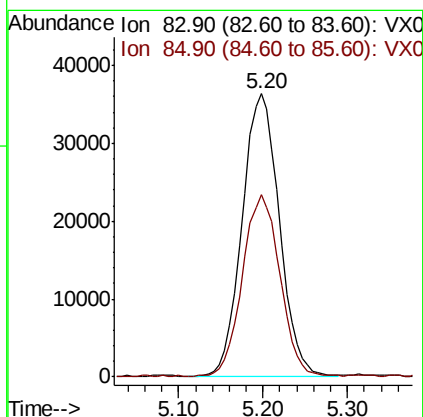
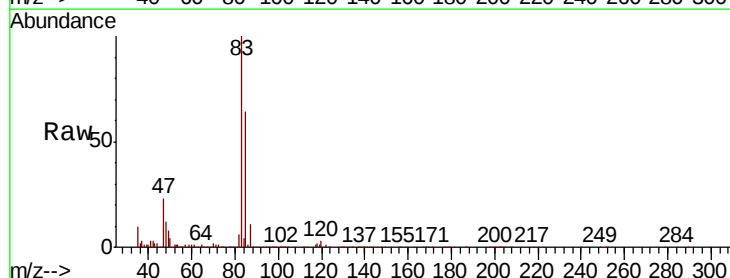
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

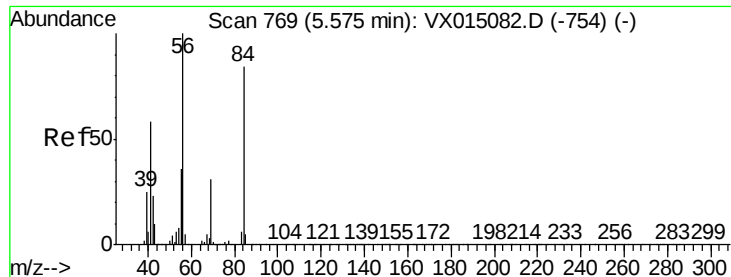
Tot Ion: 42 Resp: 141479
Ion Ratio Lower Upper
42 100
72 44.2 36.4 54.6
71 39.9 33.3 49.9



#30
Chloroform
Concen: 19.522 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 83 Resp: 108517
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0

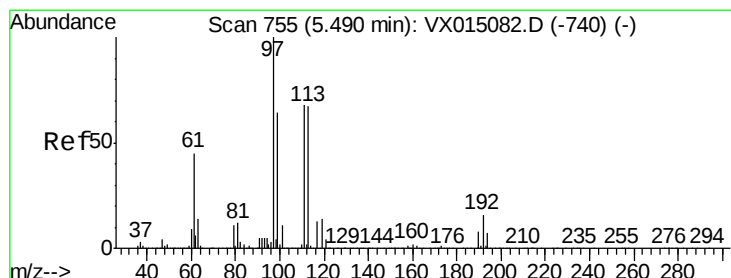
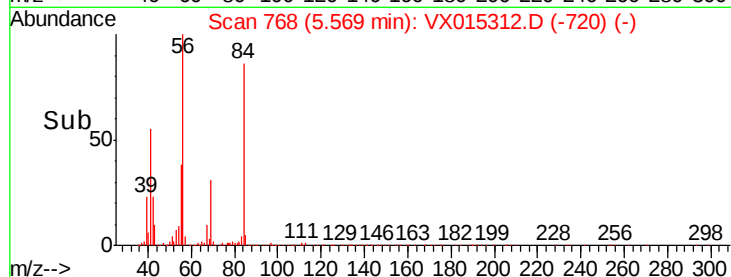
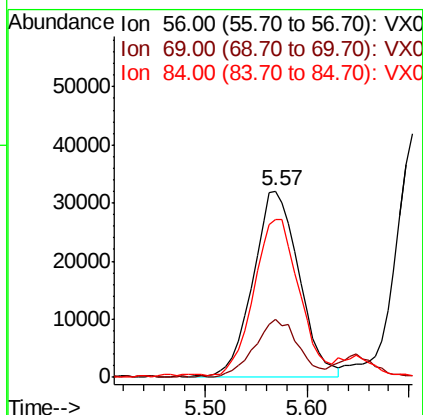
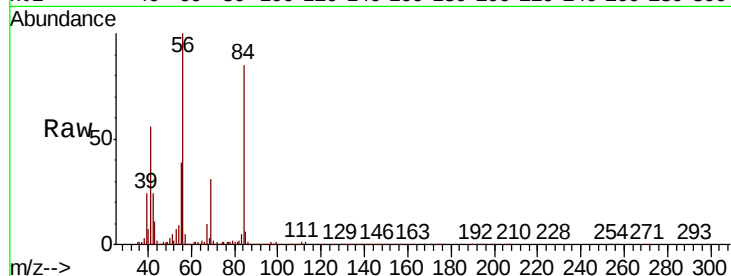




#31
Cyclohexane
Concen: 19.380 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

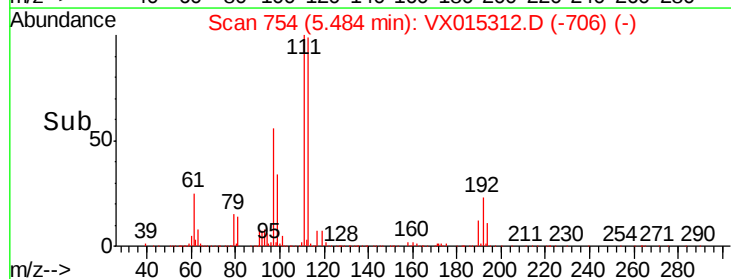
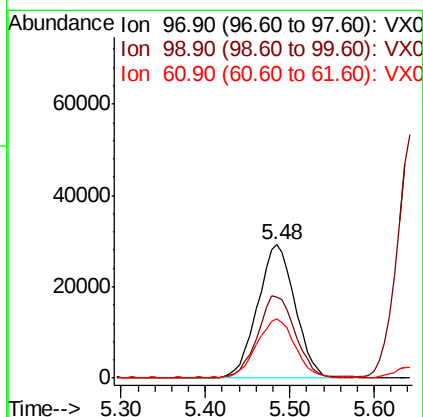
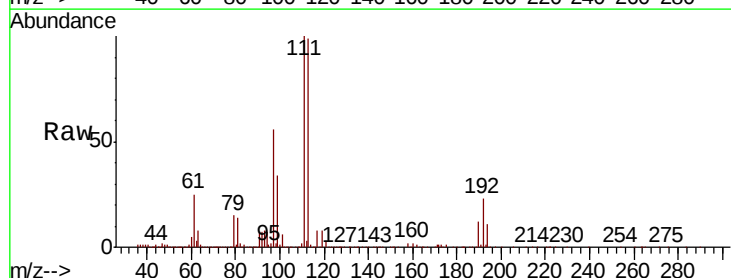
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

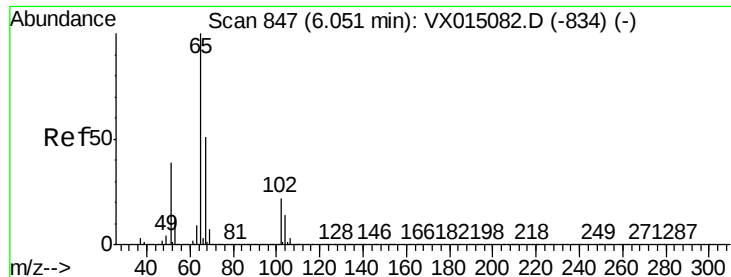
Tot Ion: 56 Resp: 98585
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 84.3 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.481 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 97 Resp: 89765
Ion Ratio Lower Upper
97 100
99 61.5 52.8 79.2
61 44.4 36.6 54.8

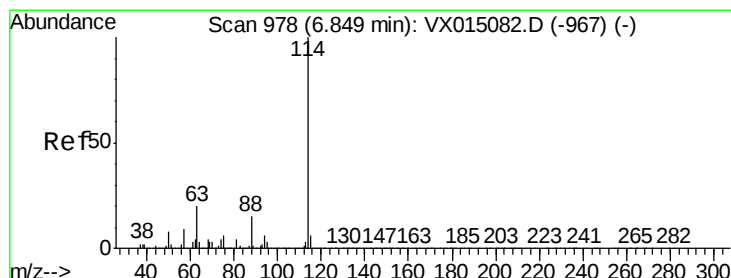
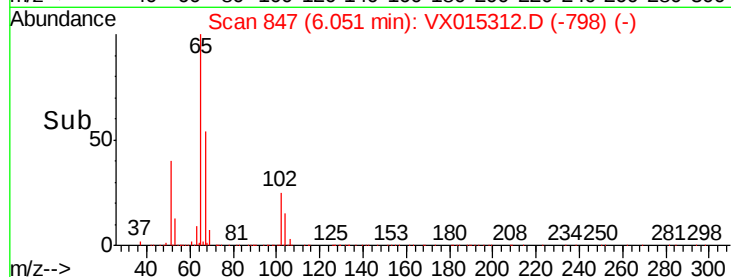
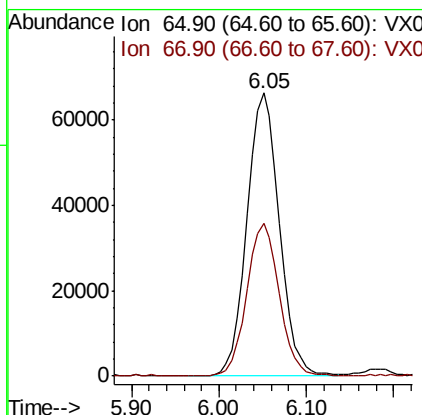
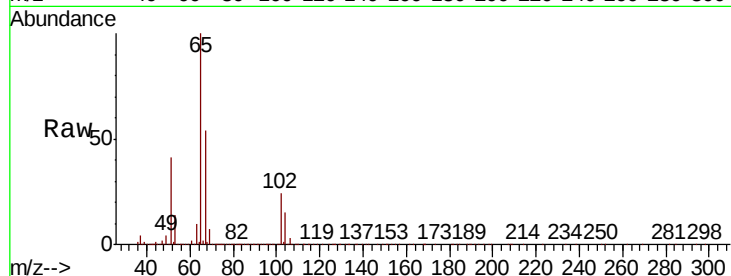




#33
 1,2-Dichloroethane-d4
 Concen: 47.204 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

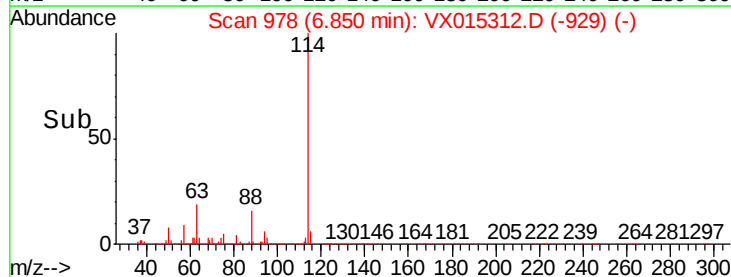
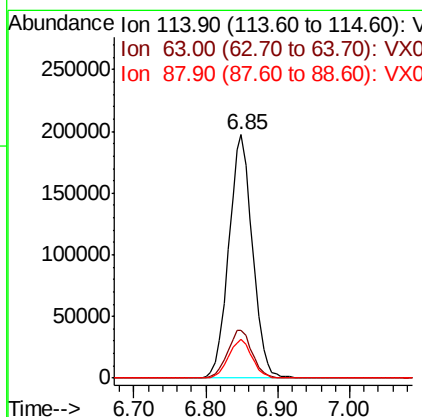
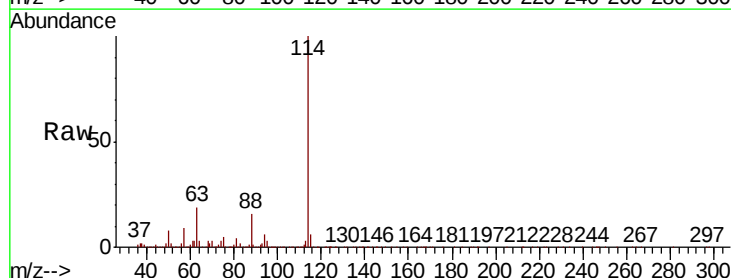
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

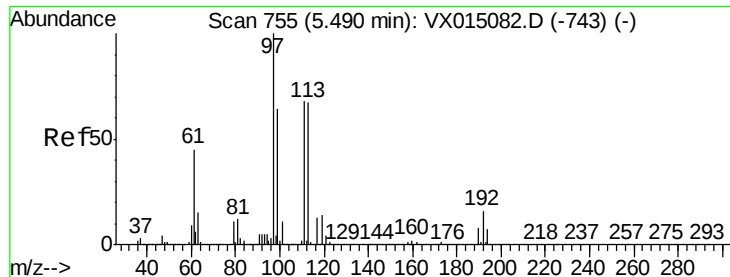
Tot Ion: 65 Resp: 170461
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion: 114 Resp: 450298
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.887 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

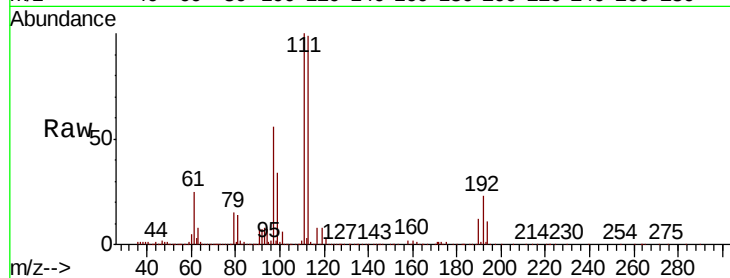
Tot Ion:113 Resp: 144560

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

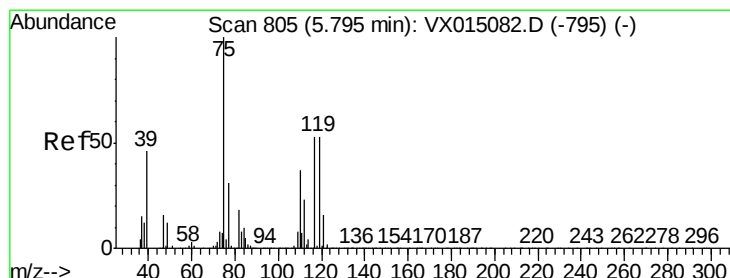
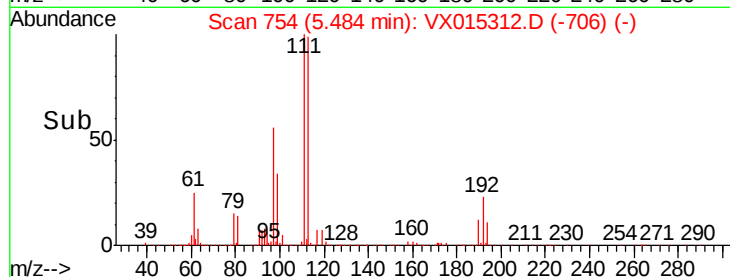
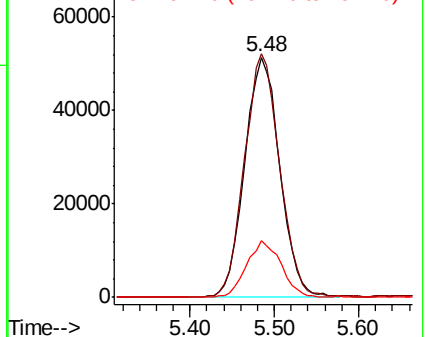
192 23.6 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.496 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

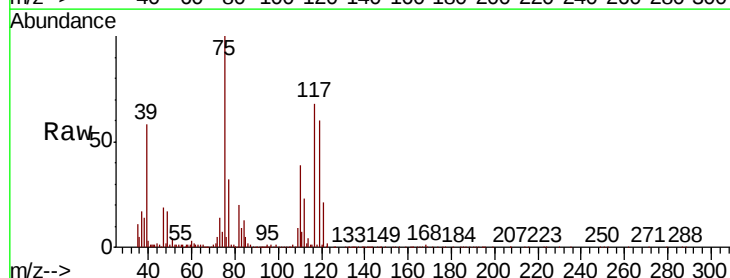
Tgt Ion: 75 Resp: 81159

Ion Ratio Lower Upper

75 100

110 37.3 17.9 53.8

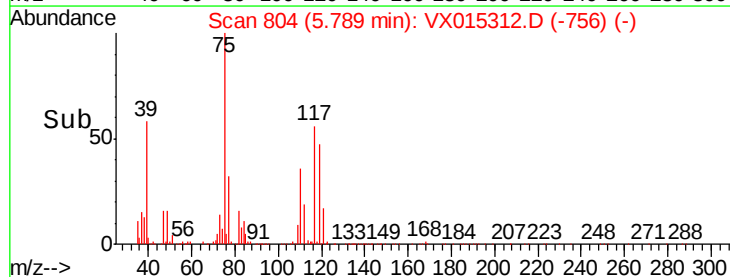
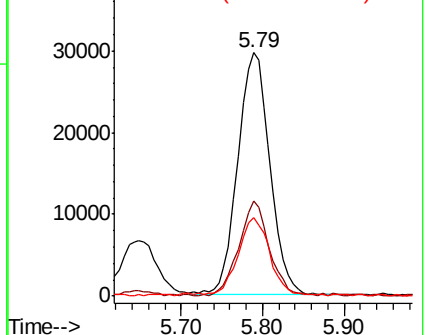
77 31.6 24.8 37.2

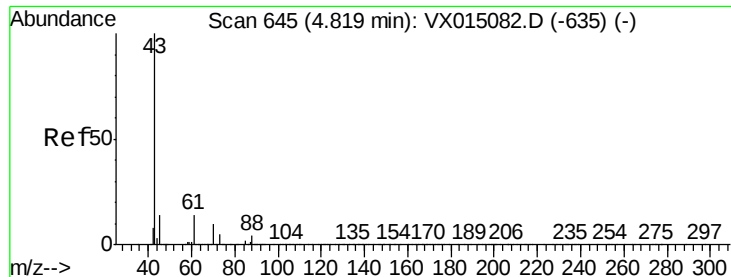


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

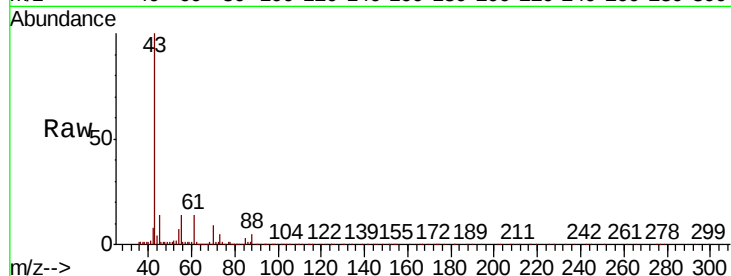




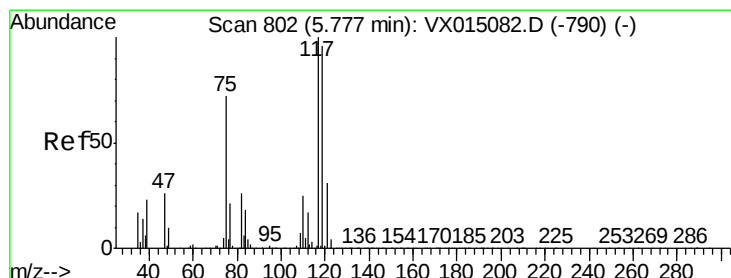
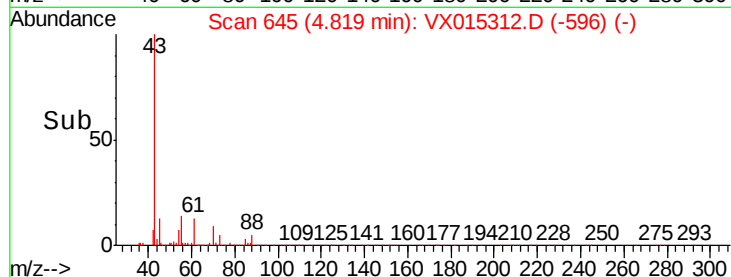
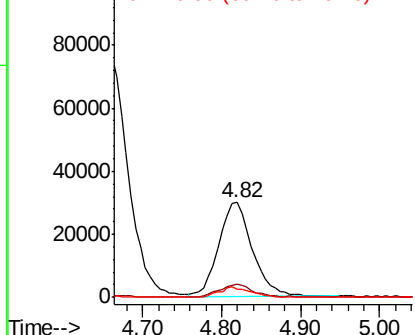
#37
Ethyl Acetate
Concen: 22.964 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion: 43 Resp: 88673
Ion Ratio Lower Upper
43 100
61 12.6 11.0 16.4
70 10.4 8.1 12.1

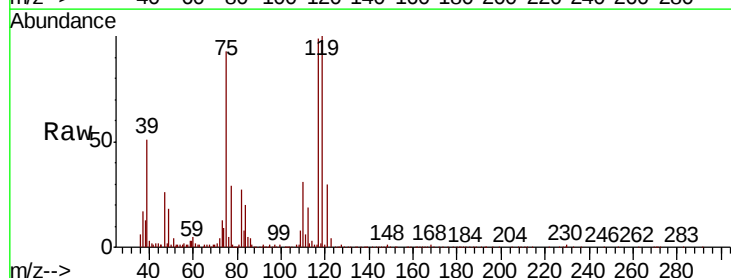


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

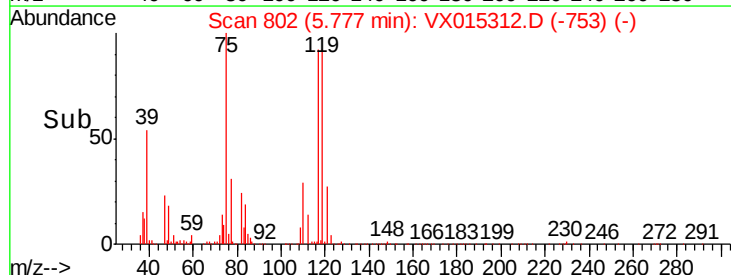
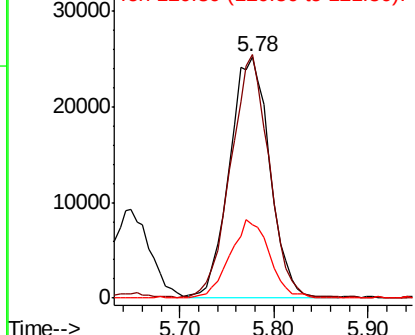


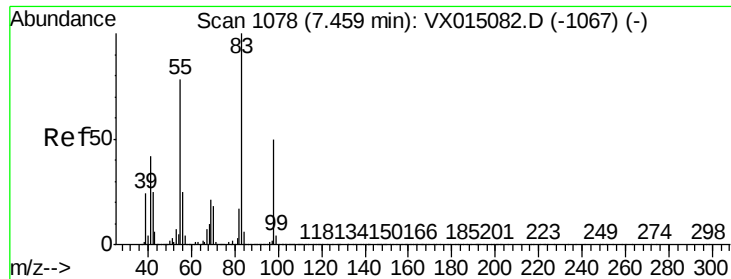
#38
Carbon Tetrachloride
Concen: 19.202 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 117 Resp: 75451
Ion Ratio Lower Upper
117 100
119 100.2 76.9 115.3
121 30.1 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

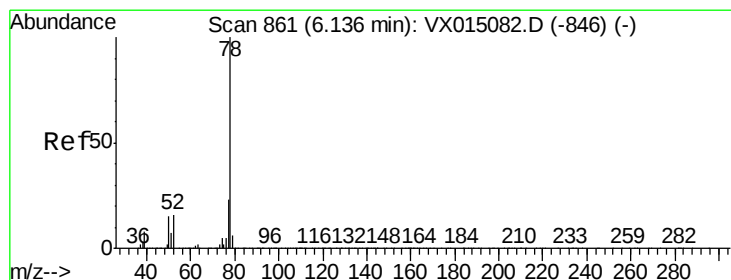
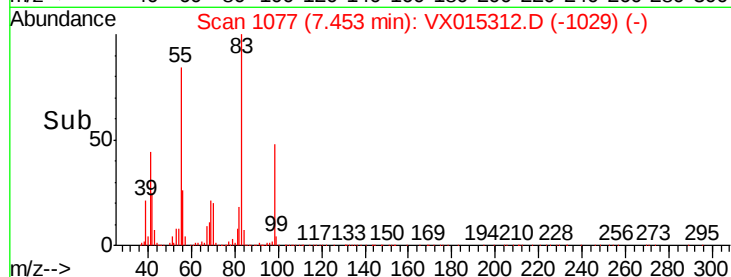
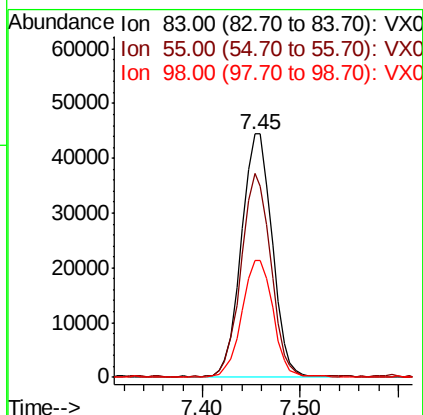
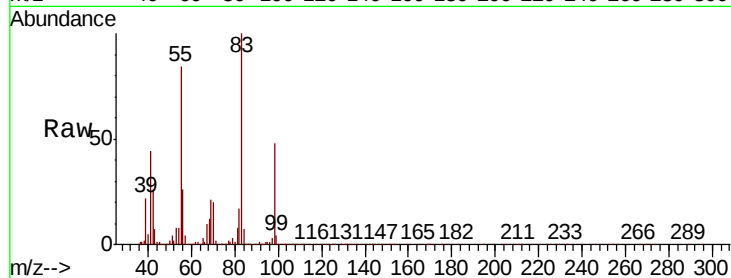




#39
Methvlcvclohexane
Concen: 20.201 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

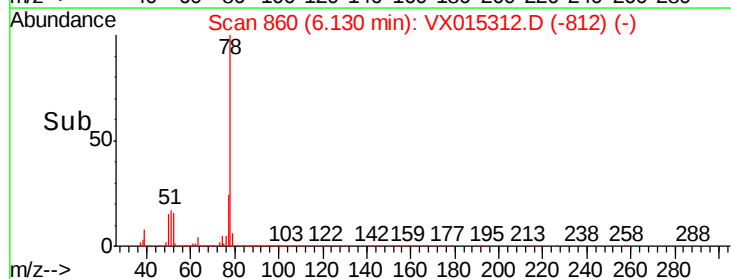
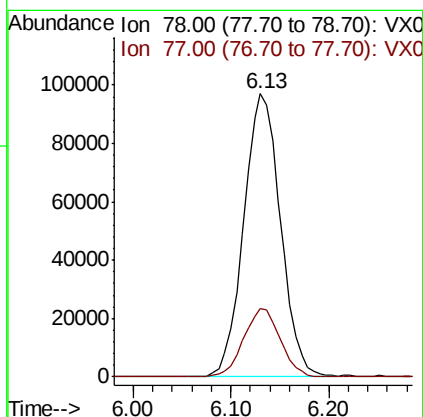
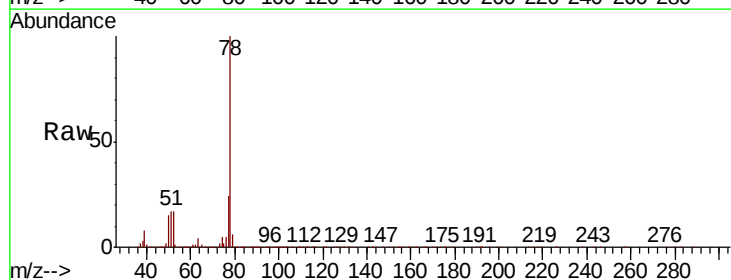
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

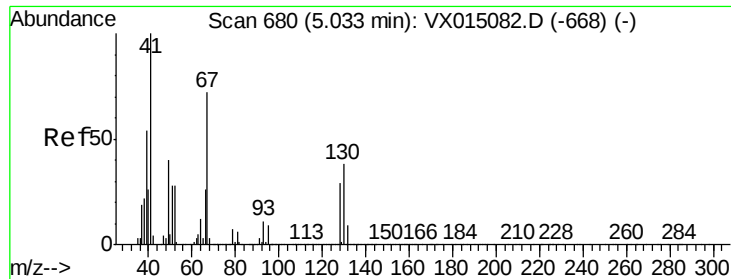
Tot Ion	83	Resp	98196
Ion Ratio	Lower	Upper	
83	100		
55	83.3	62.4	93.6
98	48.0	39.7	59.5



#40
Benzene
Concen: 20.498 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	78	Resp	253160
Ion Ratio	Lower	Upper	
78	100		
77	24.1	18.6	28.0

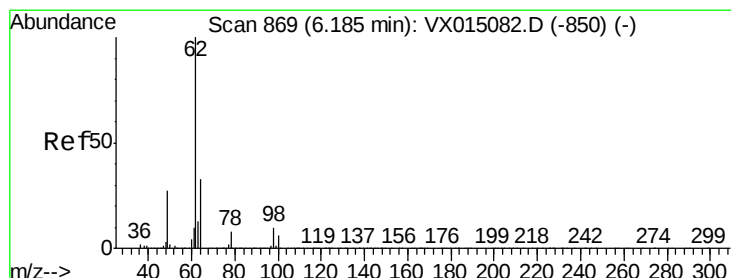
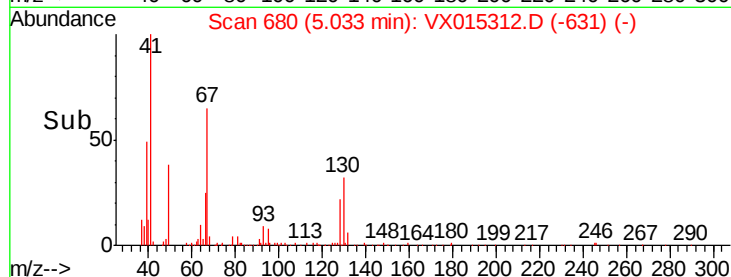
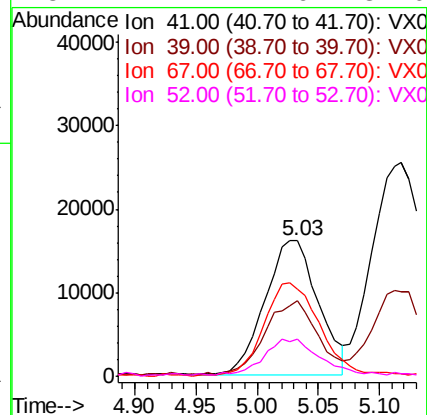
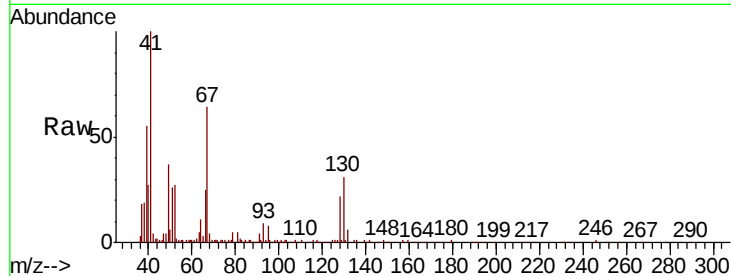




#41
Methacrylonitrile
Concen: 21.059 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

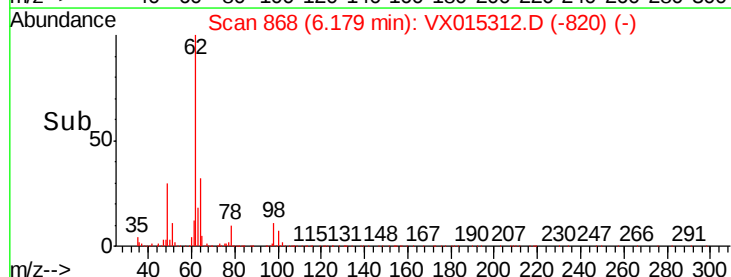
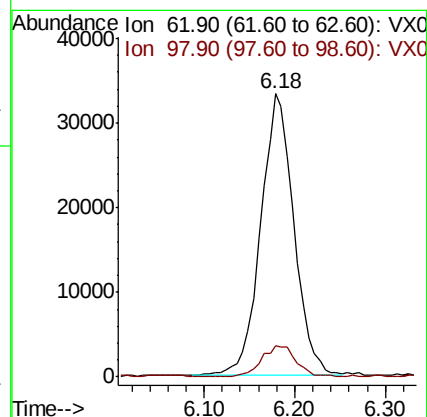
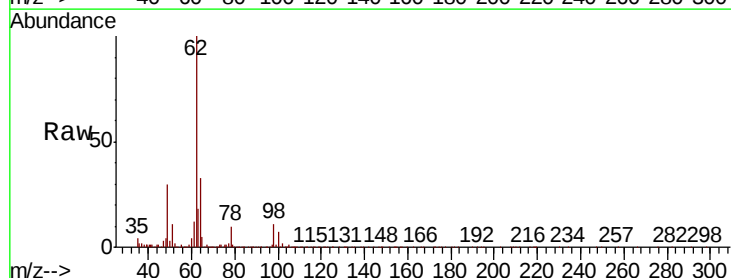
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

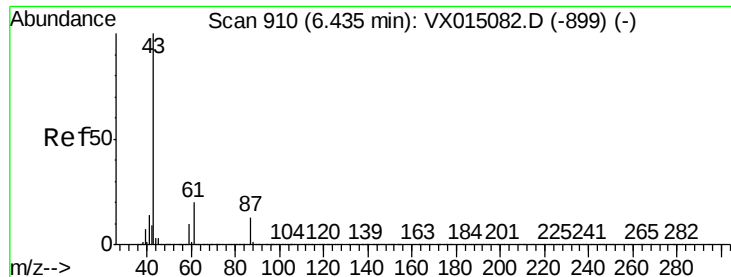
Tot Ion:	41	Resp:	48845
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.9	65.9
67	74.3	57.8	86.8
52	27.2	22.6	34.0



#42
1,2-Dichloroethane
Concen: 19.932 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion:	62	Resp:	84537
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.6



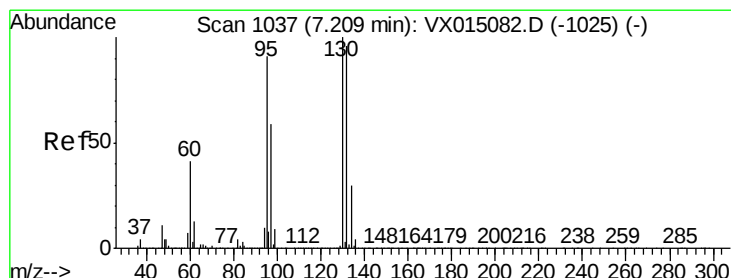
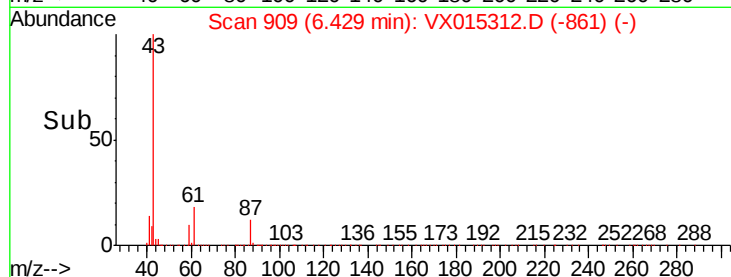
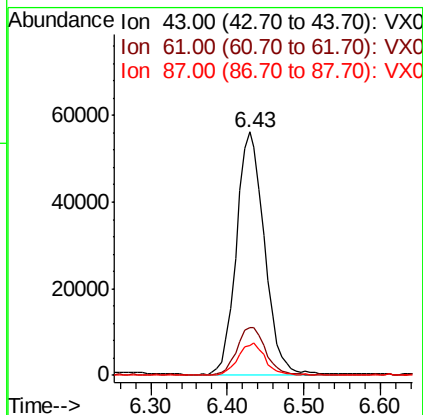
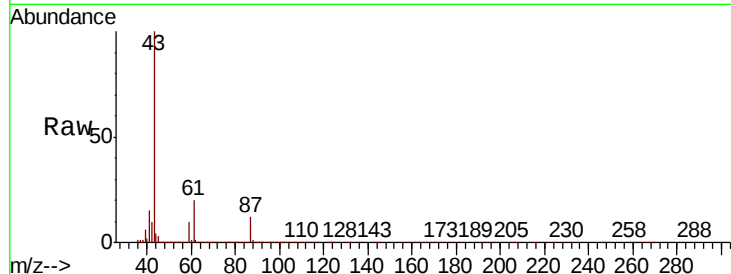


#43

Isopropyl Acetate
 Concen: 20.876 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

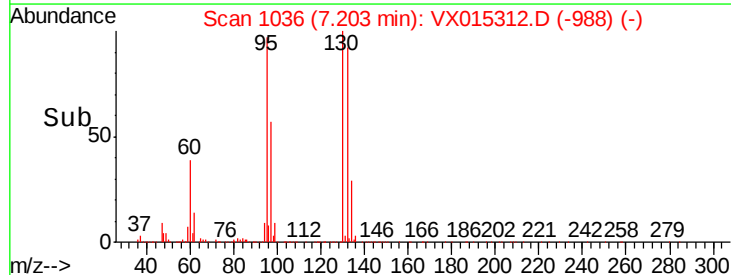
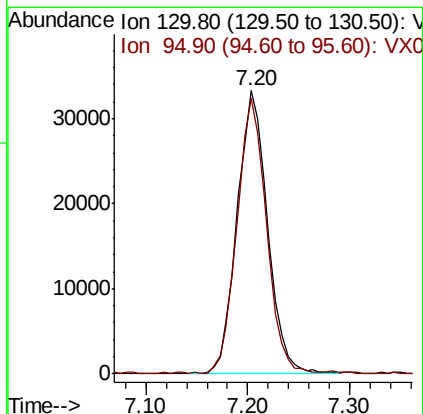
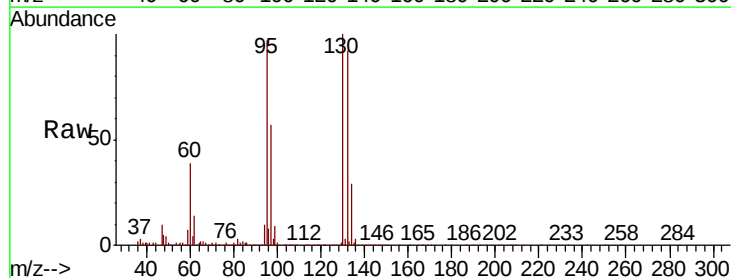
Tot Ion	43	Resp	141811
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.1	24.1
87	12.5	10.6	16.0

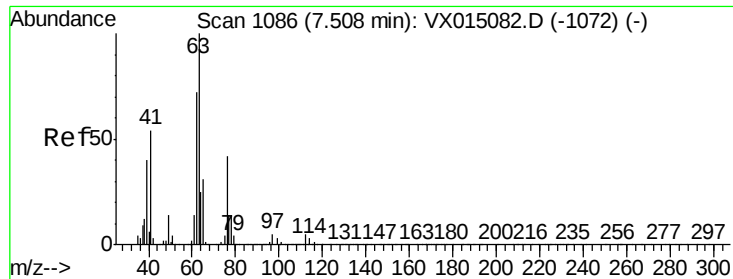


#44

Trichloroethene
 Concen: 20.026 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion	130	Resp	68879
Ion Ratio	Lower	Upper	
130	100		
95	96.9	0.0	181.2





#45

1,2-Dichloropropane

Concen: 21.748 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

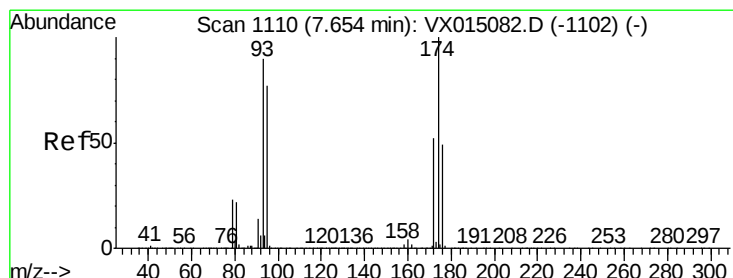
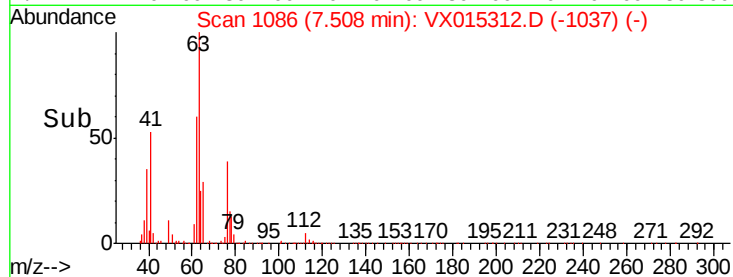
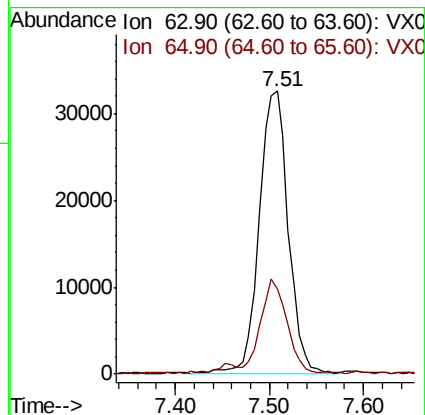
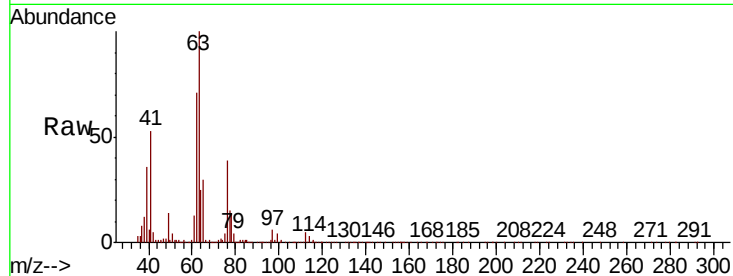
VX0317WBSD01

Tot Ion: 63 Resp: 69525

Ion Ratio Lower Upper

63 100

65 29.7 24.6 36.8



#46

Dibromomethane

Concen: 20.547 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

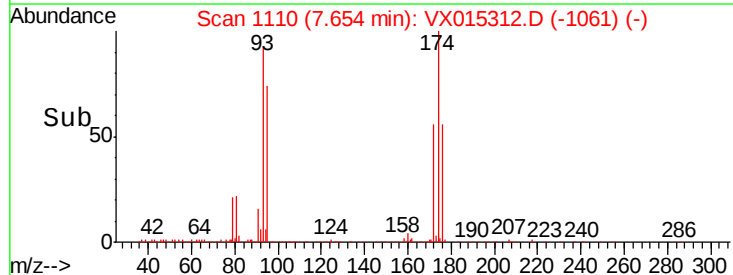
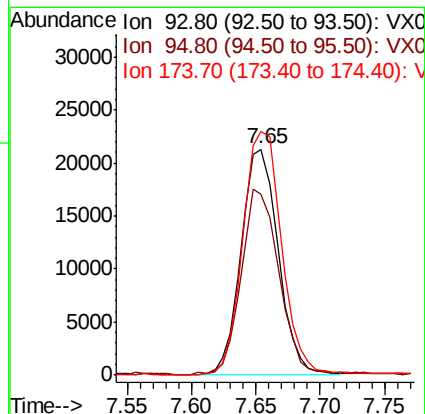
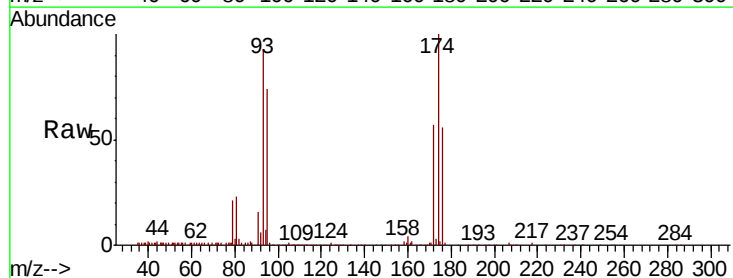
Tgt Ion: 93 Resp: 42800

Ion Ratio Lower Upper

93 100

95 82.8 67.8 101.8

174 112.9 91.0 136.4





#47

Bromodichloromethane

Concen: 20.412 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

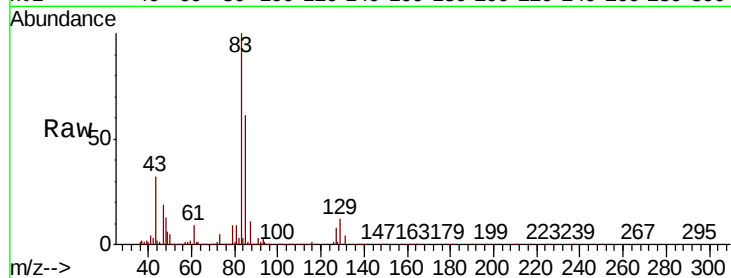
Tot Ion: 83 Resp: 84081

Ion Ratio Lower Upper

83 100

85 60.9 50.6 75.8

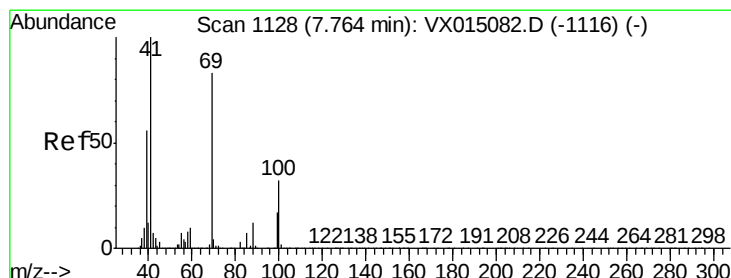
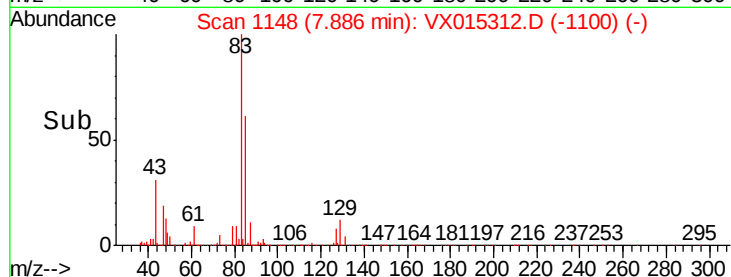
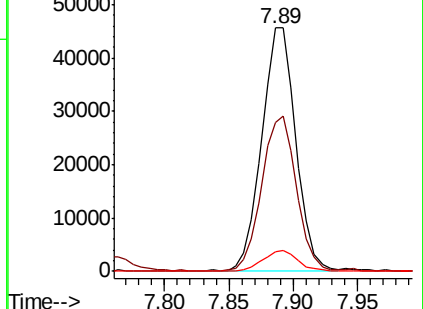
127 8.0 7.1 10.7



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: 20.370 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

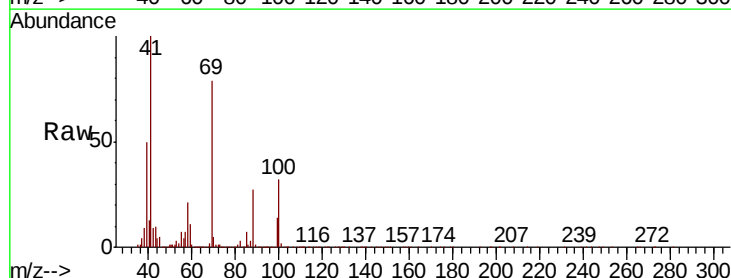
Tgt Ion: 41 Resp: 70429

Ion Ratio Lower Upper

41 100

69 80.5 65.4 98.2

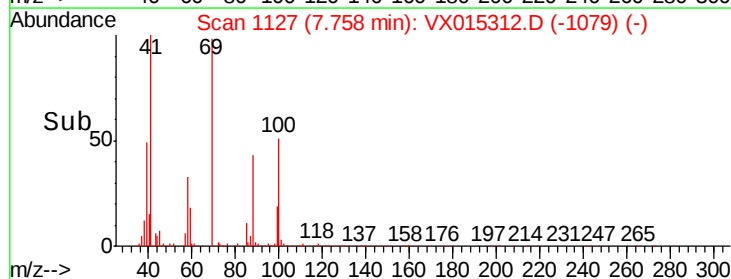
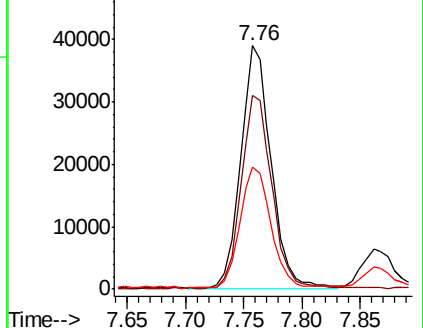
39 50.7 44.6 67.0

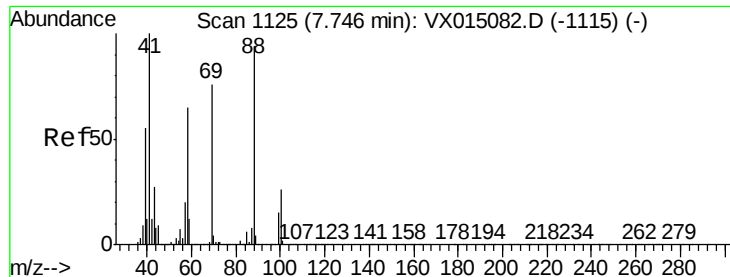


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

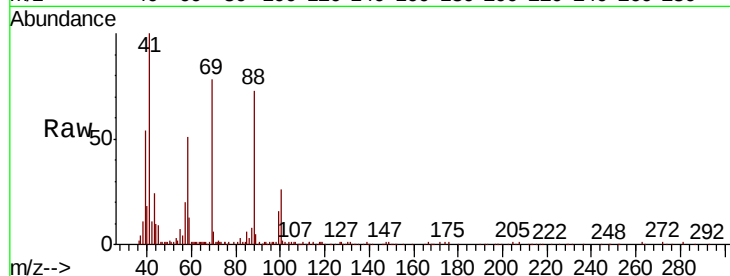




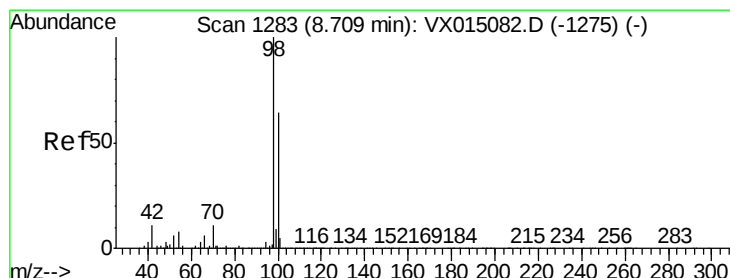
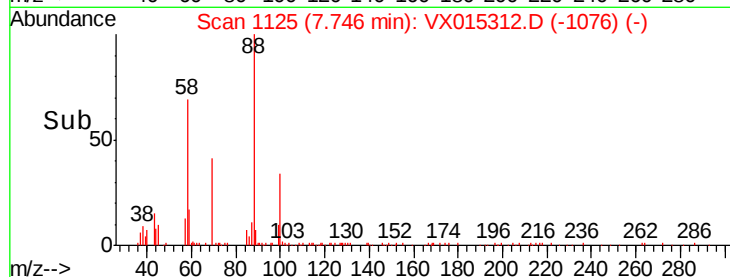
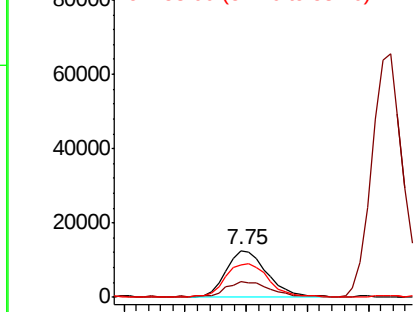
#49
1,4-Dioxane
Concen: 392.412 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion: 88 Resp: 29334
Ion Ratio Lower Upper
88 100
43 32.9 27.0 40.4
58 74.9 55.6 83.4

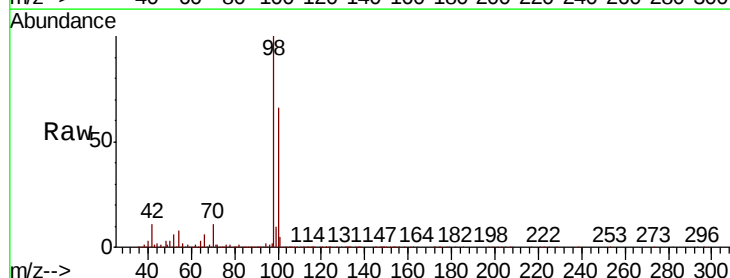


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

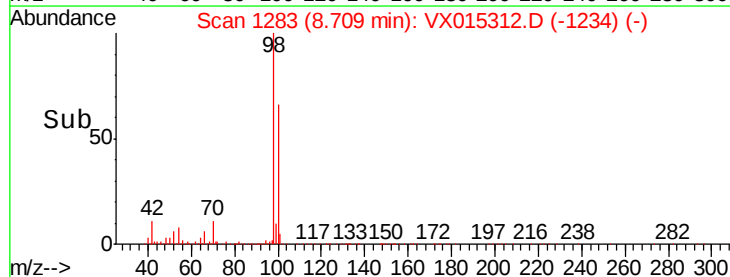
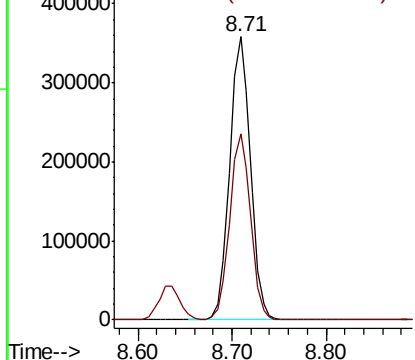


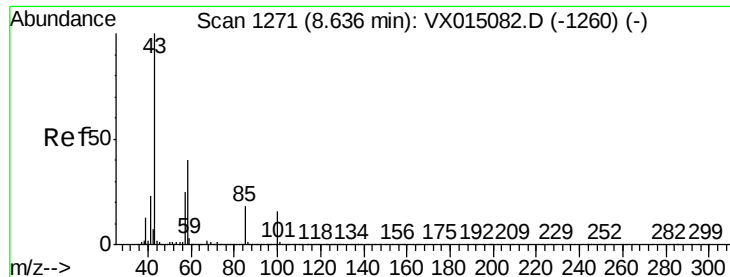
#50
Toluene-d8
Concen: 50.540 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 98 Resp: 546137
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



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





#51

4-Methyl-2-Pentanone

Concen: 109.527 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

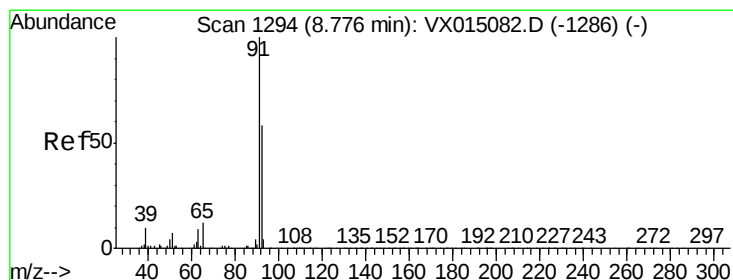
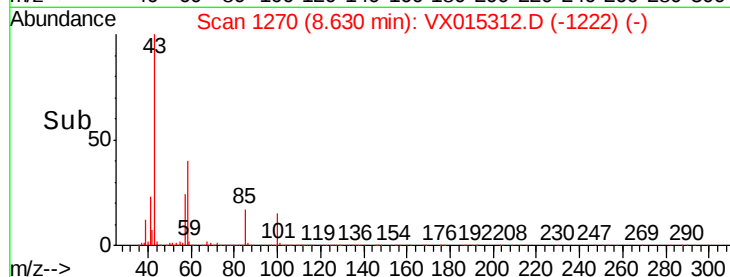
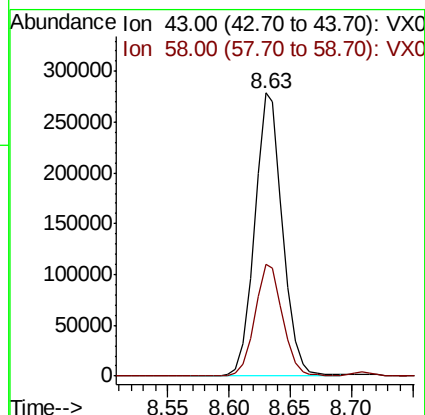
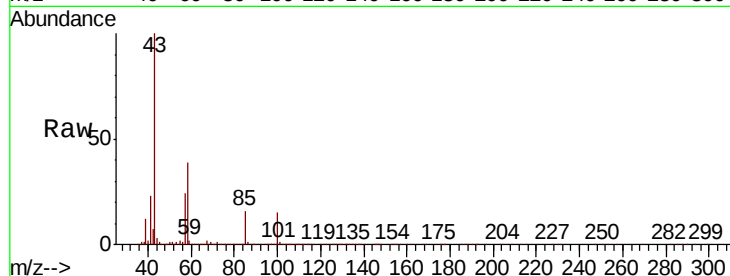
VX0317WBSD01

Tot Ion: 43 Resp: 439910

Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4



#52

Toluene

Concen: 20.896 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015312.D

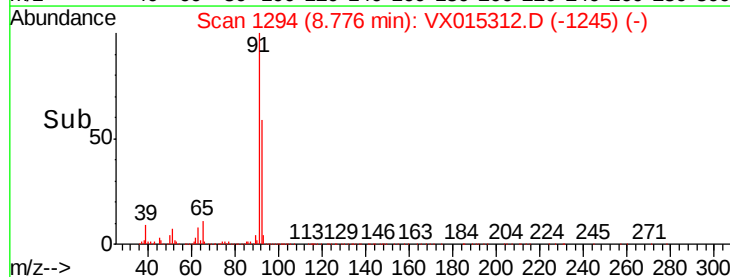
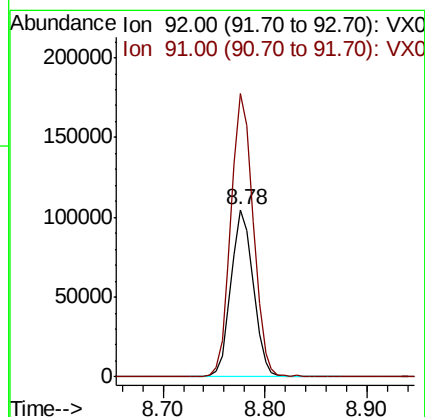
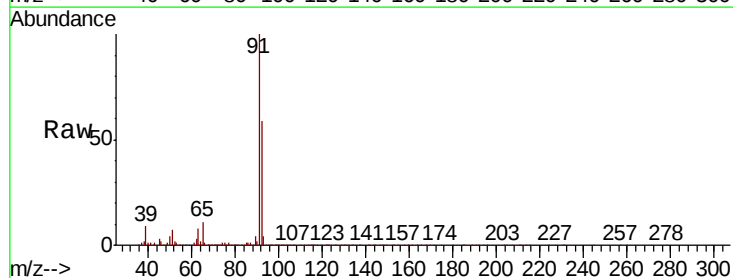
Acq: 17 Mar 2020 10:22

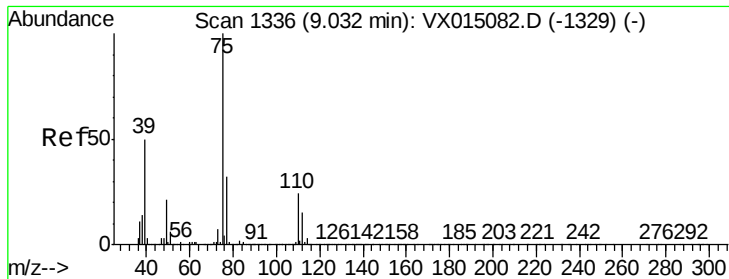
Tgt Ion: 92 Resp: 157800

Ion Ratio Lower Upper

92 100

91 169.7 136.9 205.3

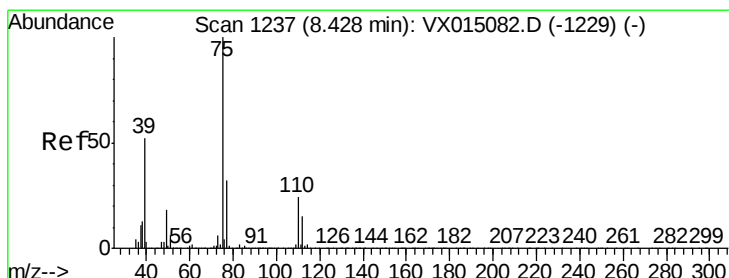
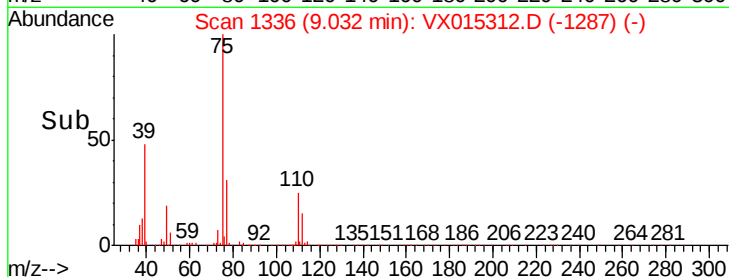
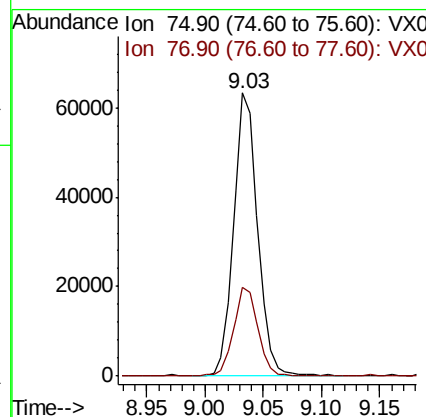
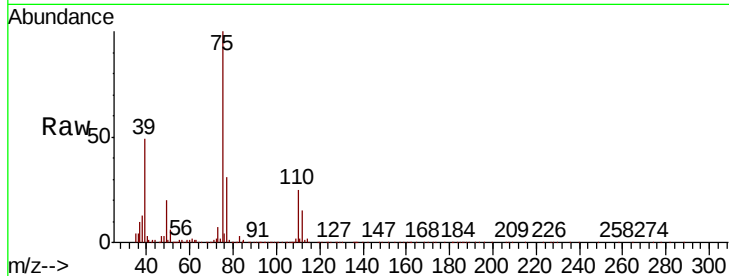




#53
t-1,3-Dichloropropene
Concen: 20.520 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

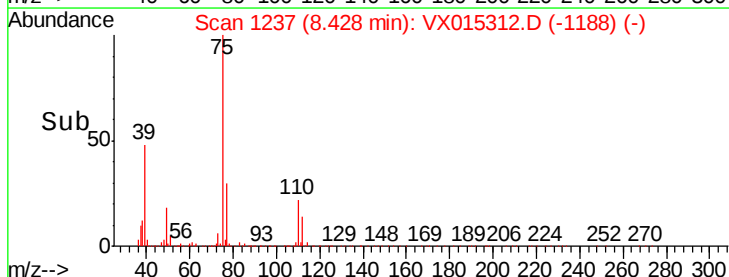
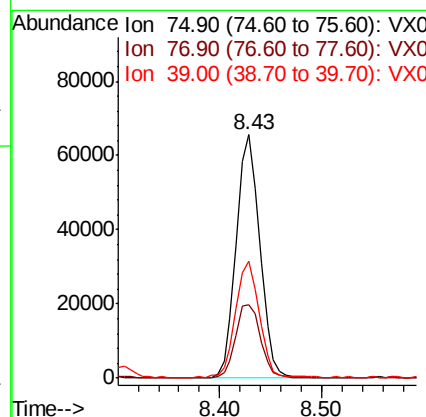
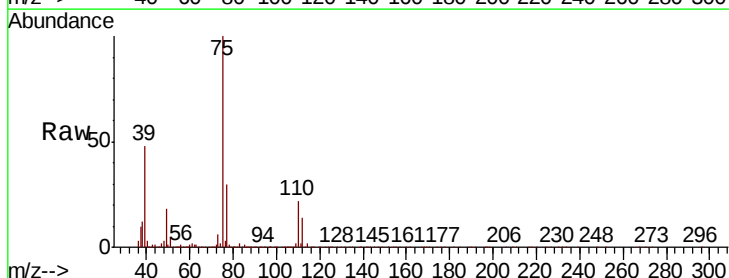
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

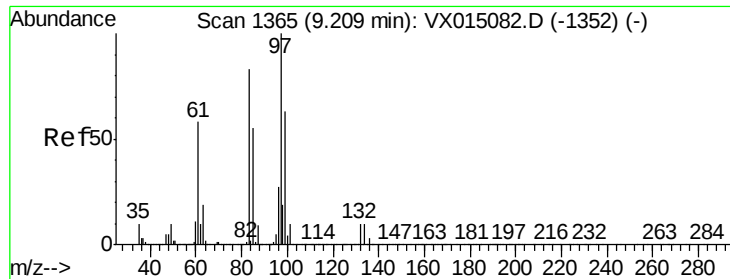
Tot Ion: 75 Resp: 89965
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.141 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 75 Resp: 104786
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6
39 48.0 41.3 61.9

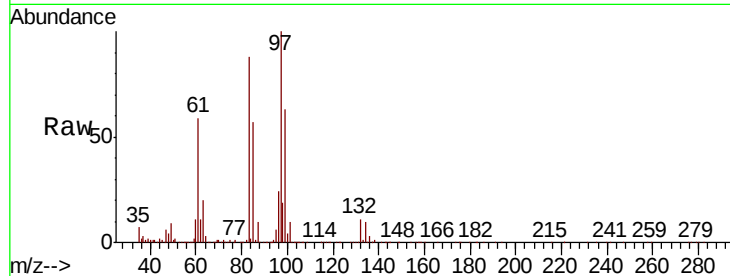




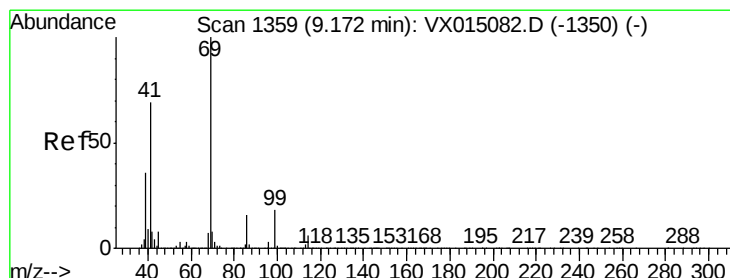
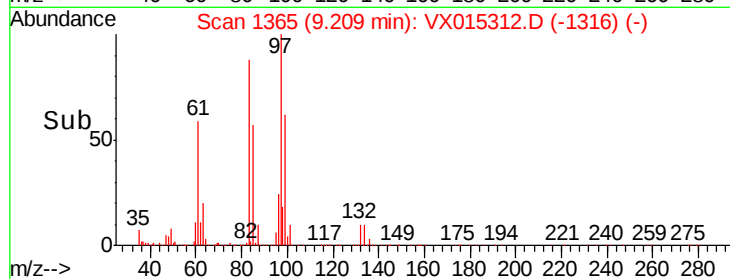
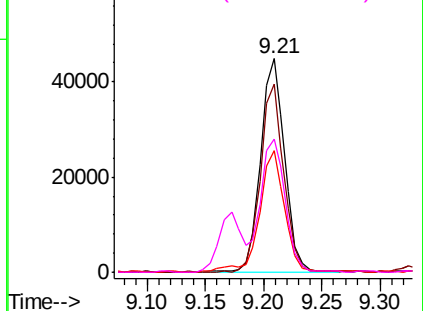
#55
 1,1,2-Trichloroethane
 Concen: 20.671 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Tot Ion:	97	Resp:	64249
Ion	Ratio	Lower	Upper
97	100		
83	87.4	66.4	99.6
85	56.6	43.5	65.3
99	62.7	50.7	76.1

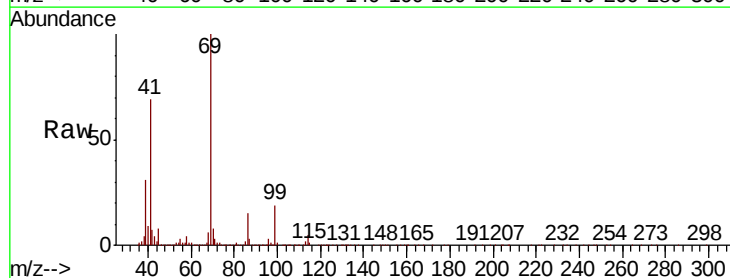


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

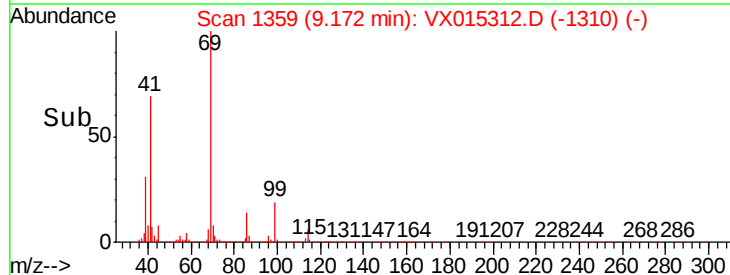
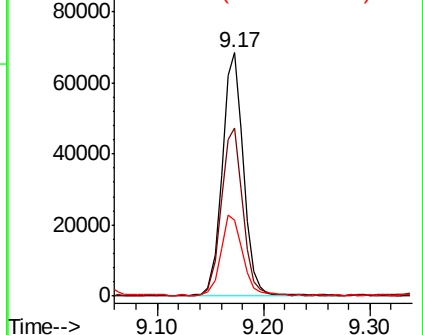


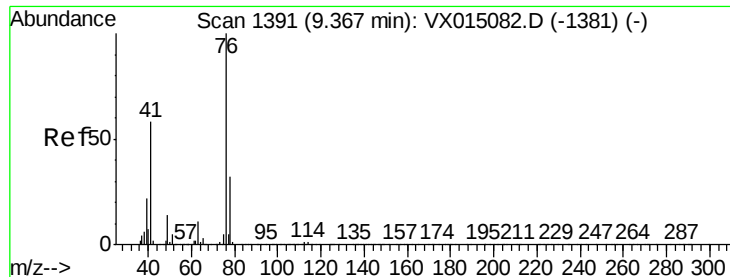
#56
 Ethyl methacrylate
 Concen: 21.409 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion:	69	Resp:	94914
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.8	83.8
39	34.0	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: 21.159 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

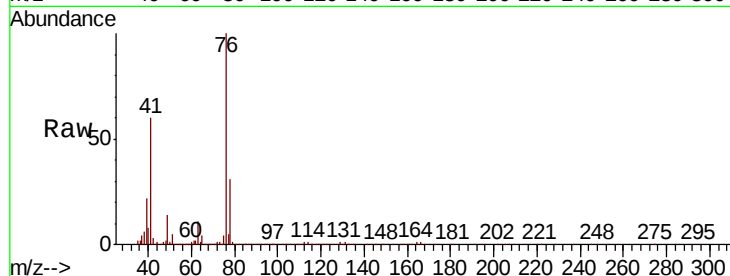
VX0317WBSD01

Tot Ion: 76 Resp: 110644

Ion Ratio Lower Upper

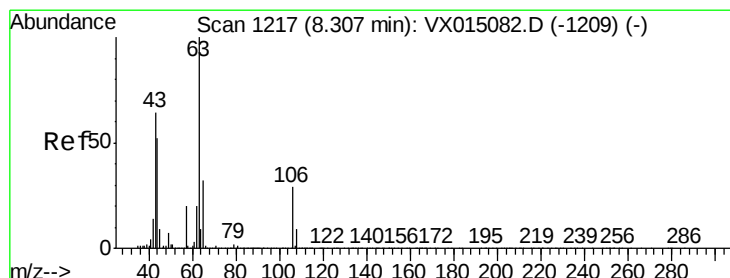
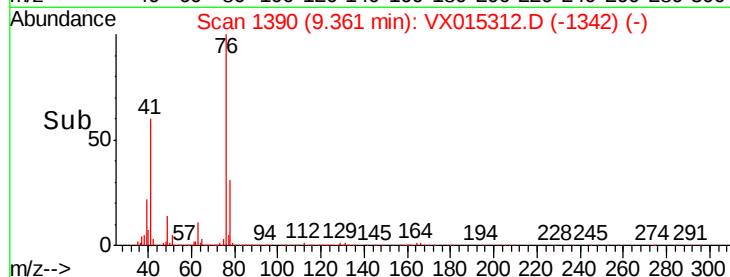
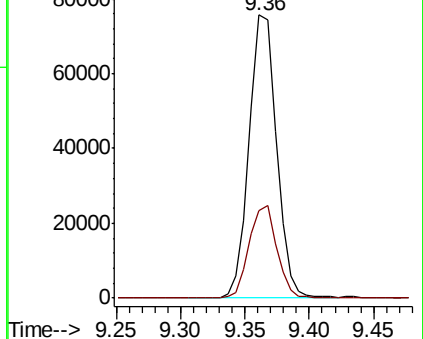
76 100

78 33.2 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: 104.326 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015312.D

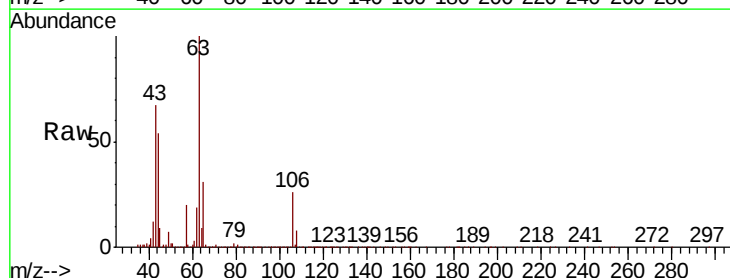
Acq: 17 Mar 2020 10:22

Tgt Ion: 63 Resp: 251971

Ion Ratio Lower Upper

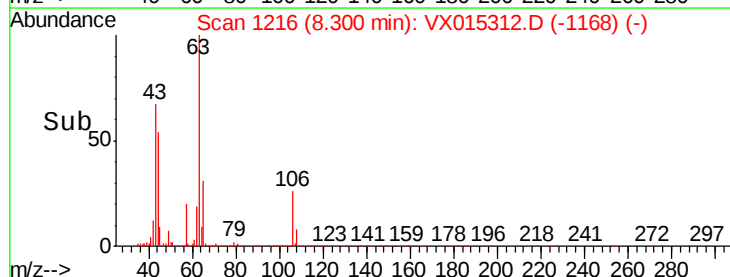
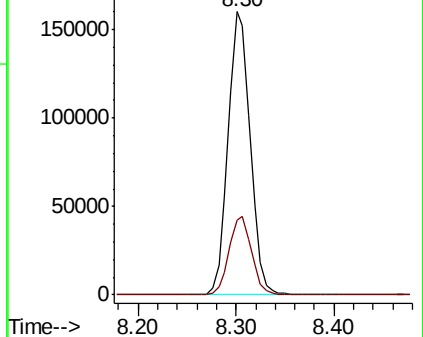
63 100

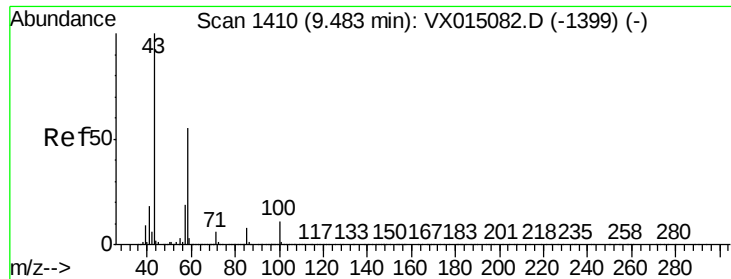
106 28.3 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

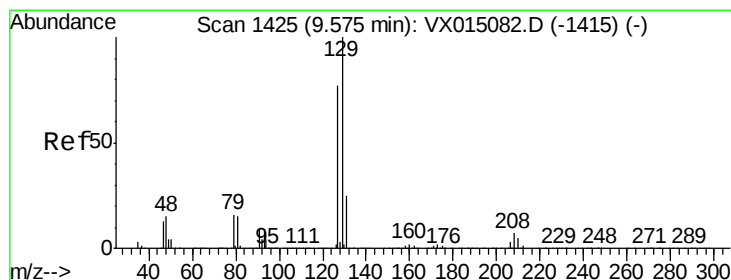
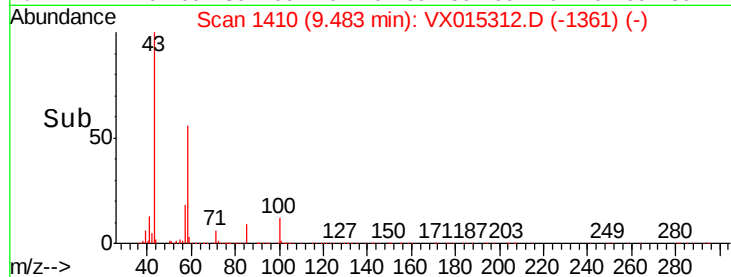
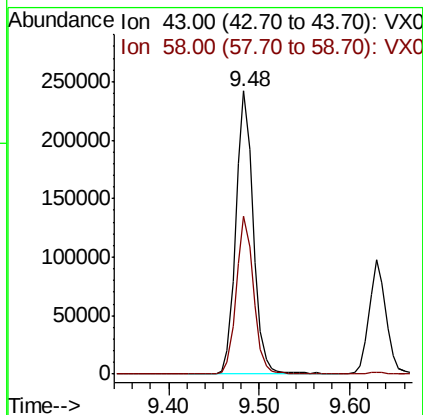
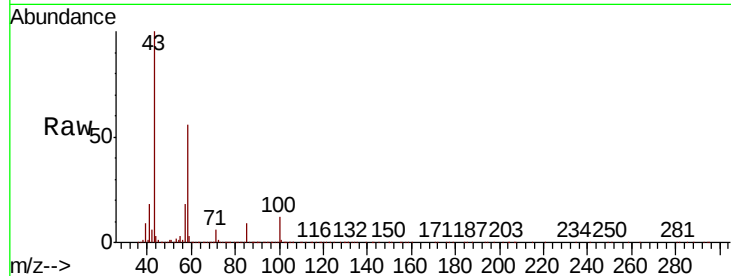




#59
2-Hexanone
Concen: 107.694 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

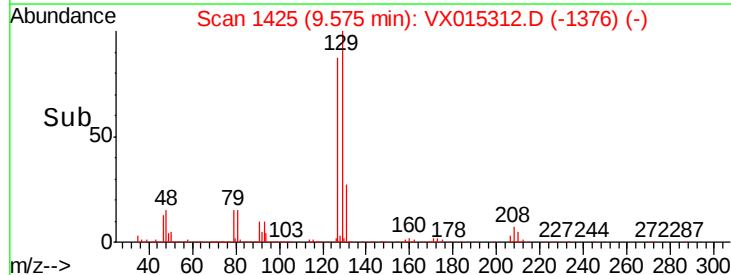
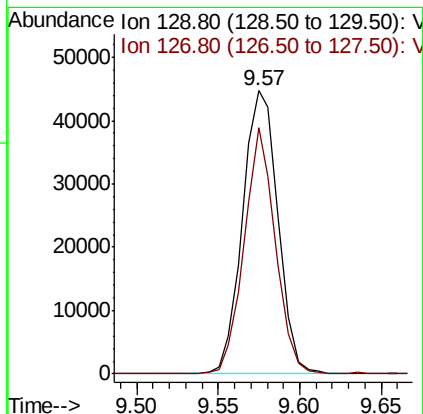
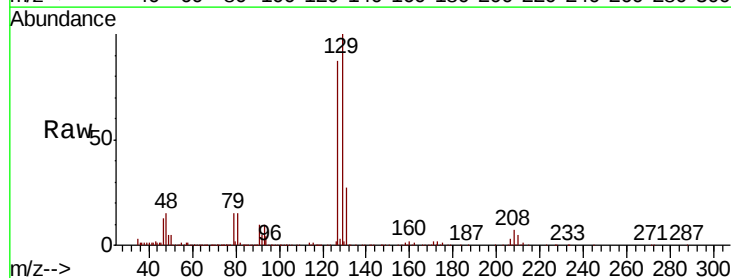
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

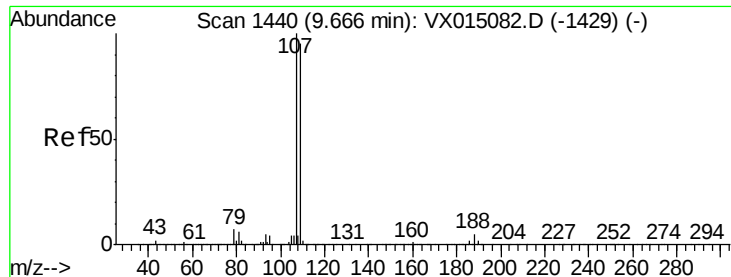
Tot Ion: 43 Resp: 320598
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 20.588 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 129 Resp: 67219
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.322 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

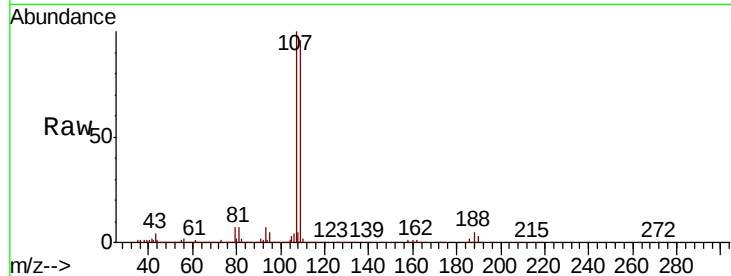
VX0317WBSD01

Tot Ion:107 Resp: 66345

Ion Ratio Lower Upper

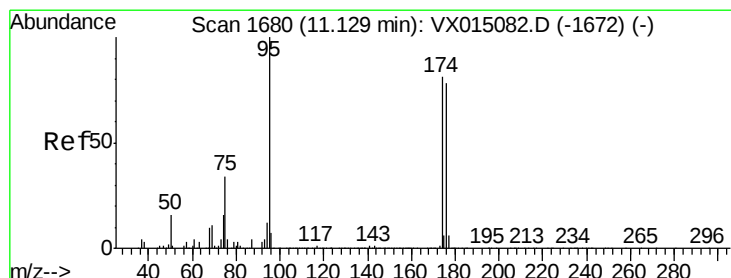
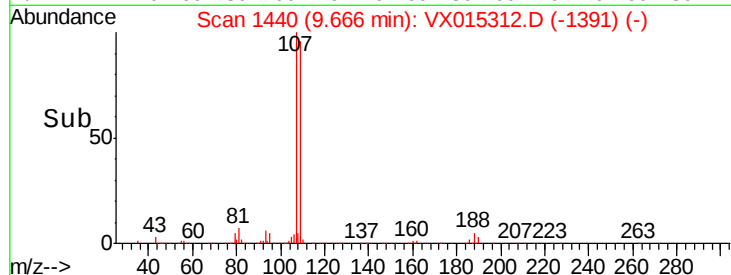
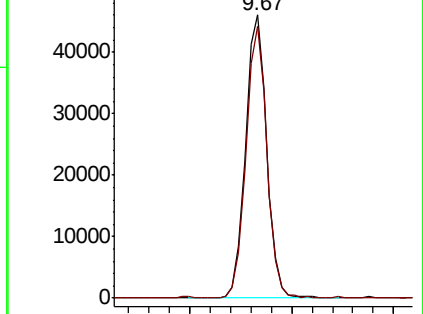
107 100

109 94.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.341 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

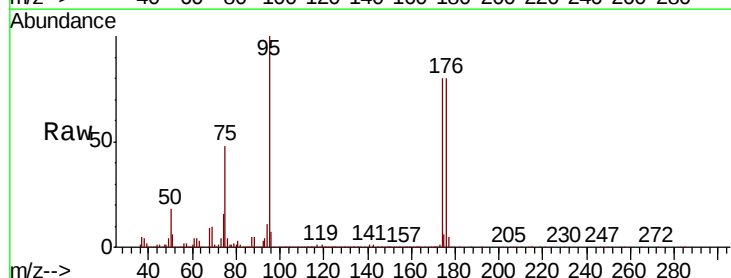
Tgt Ion: 95 Resp: 197888

Ion Ratio Lower Upper

95 100

174 88.2 0.0 177.6

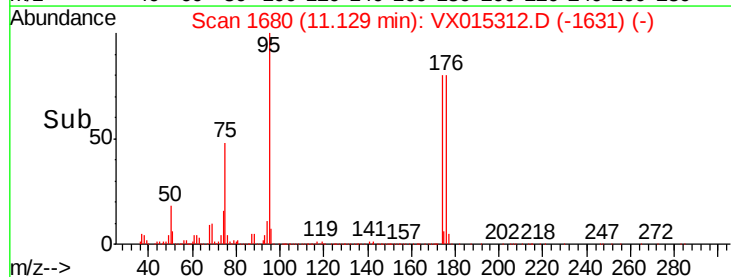
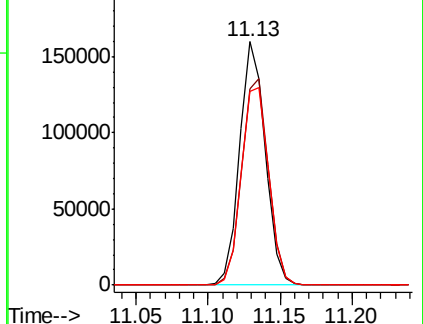
176 87.2 0.0 170.2

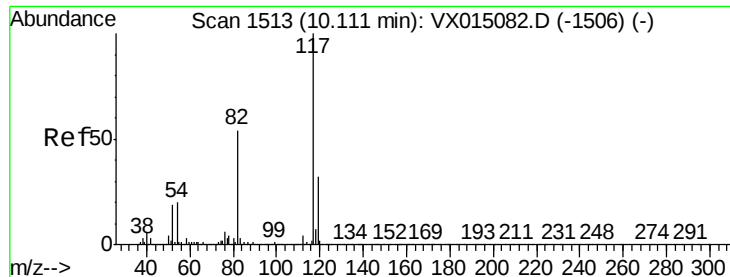


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

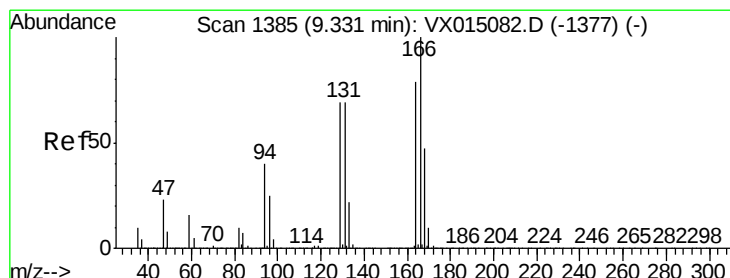
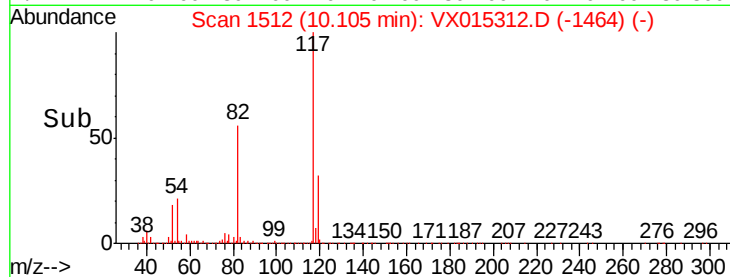
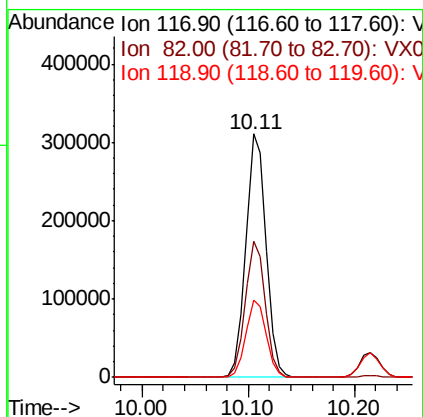
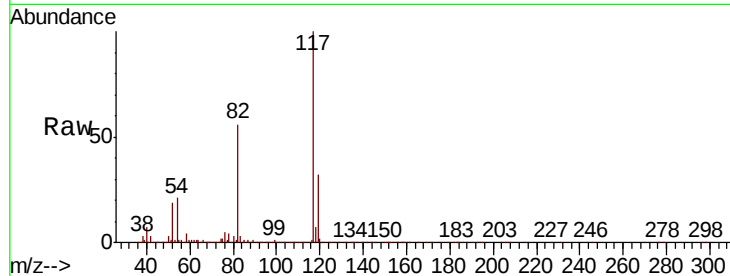




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

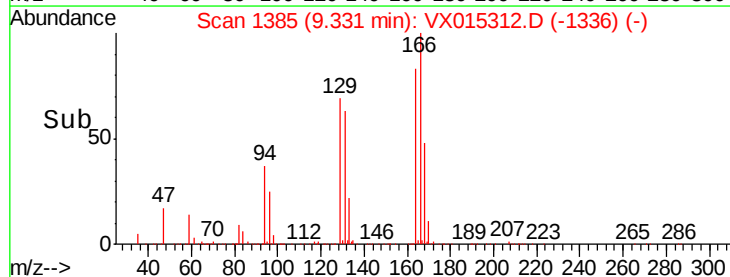
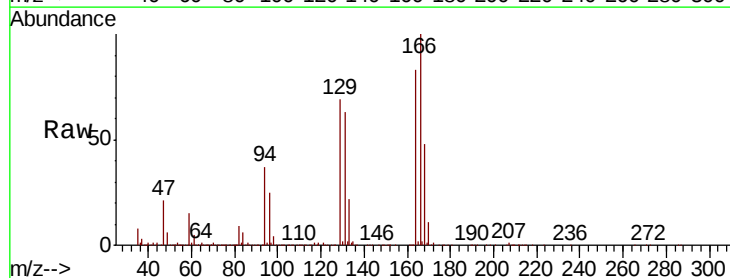
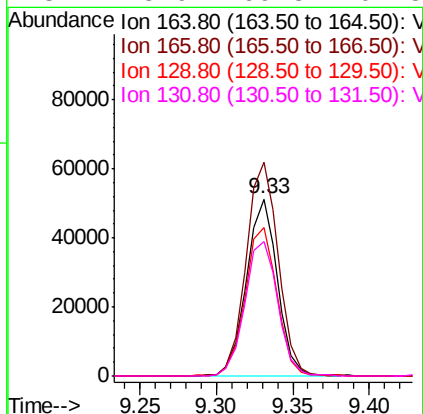
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.3	64.9
119	31.8	25.8	38.8



#64
Tetrachloroethene
Concen: 20.952 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.3	101.1	151.7
129	83.3	69.4	104.0
131	75.9	69.8	104.8





#65

Chlorobenzene

Concen: 20.319 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

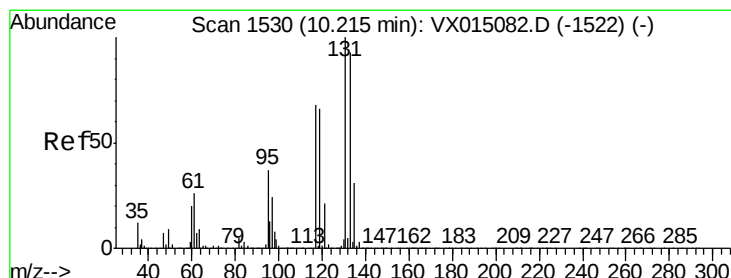
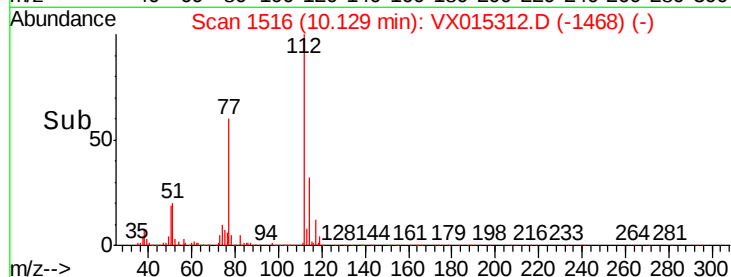
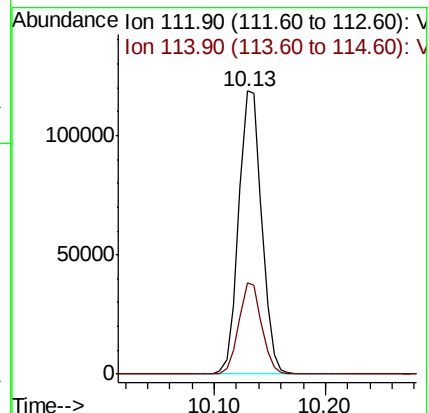
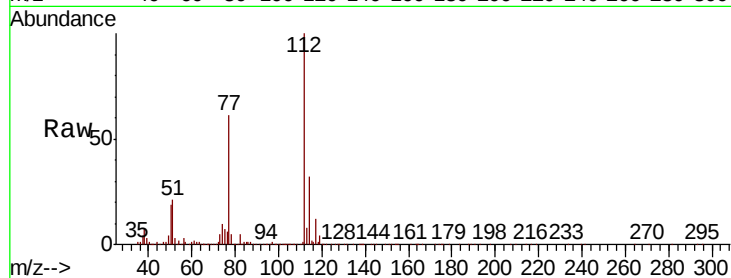
VX0317WBSD01

Tot Ion:112 Resp: 169659

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.205 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

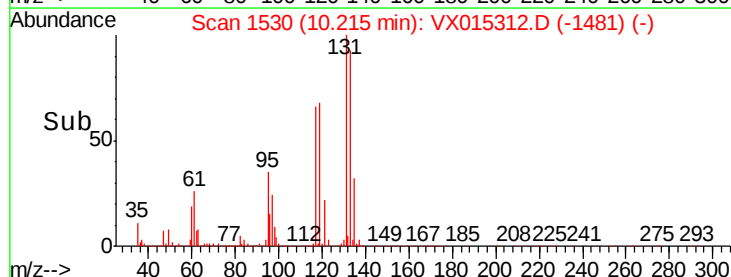
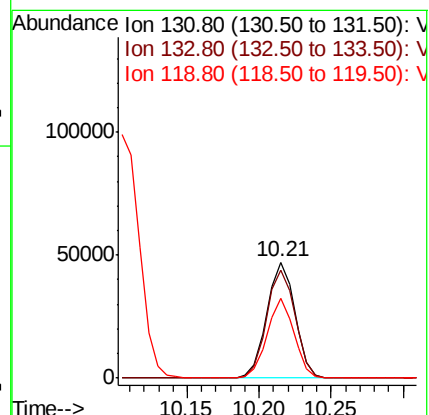
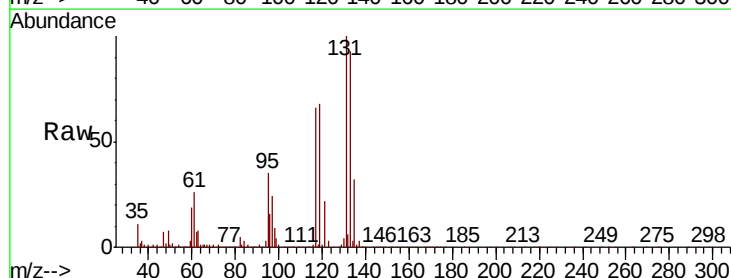
Tgt Ion:131 Resp: 63616

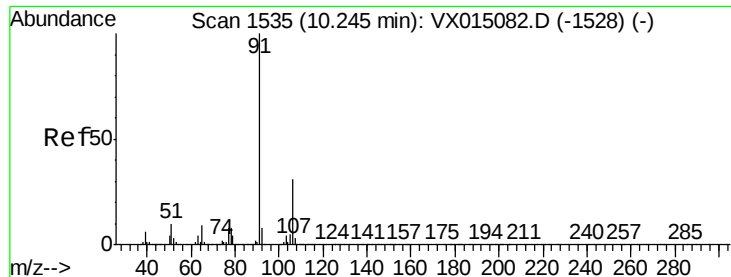
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

119 66.0 33.4 100.1





#67

Ethyl Benzene

Concen: 20.534 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

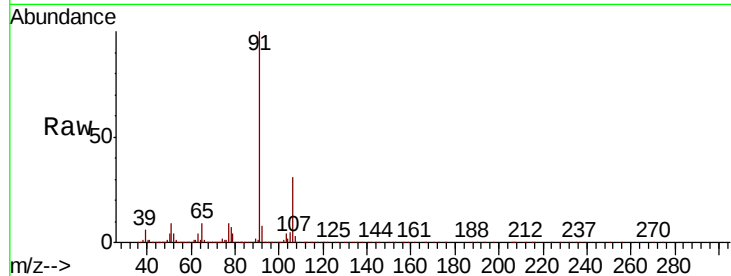
VX0317WBSD01

Tot Ion: 91 Resp: 291147

Ion Ratio Lower Upper

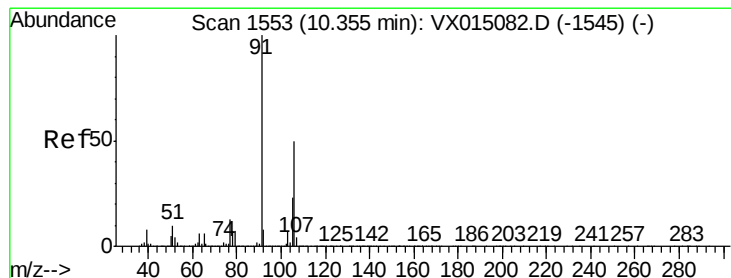
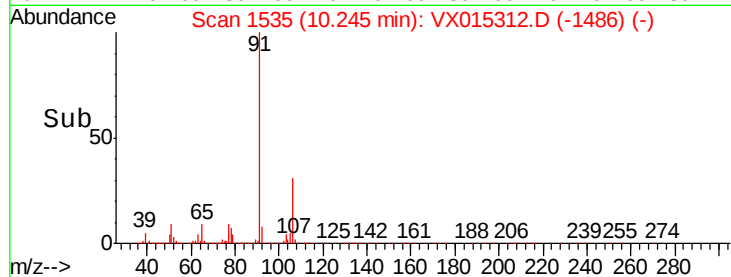
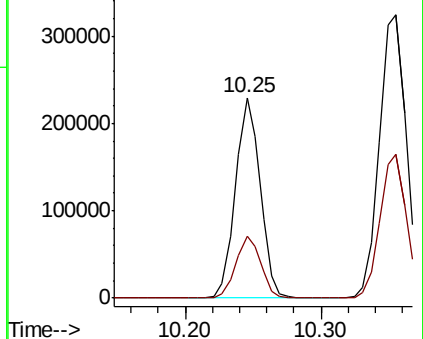
91 100

106 30.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.259 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015312.D

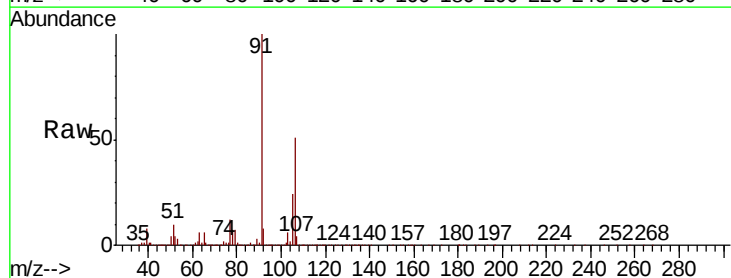
Acq: 17 Mar 2020 10:22

Tgt Ion: 106 Resp: 222571

Ion Ratio Lower Upper

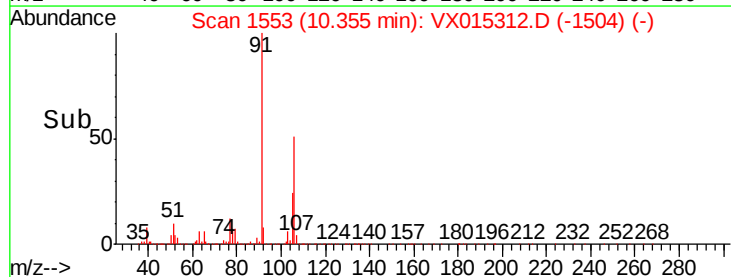
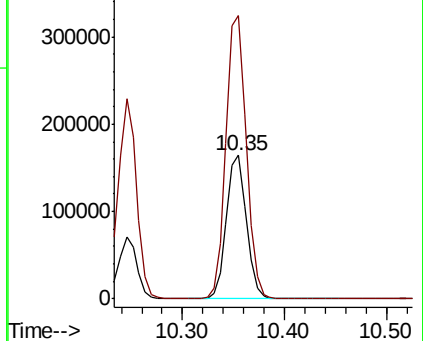
106 100

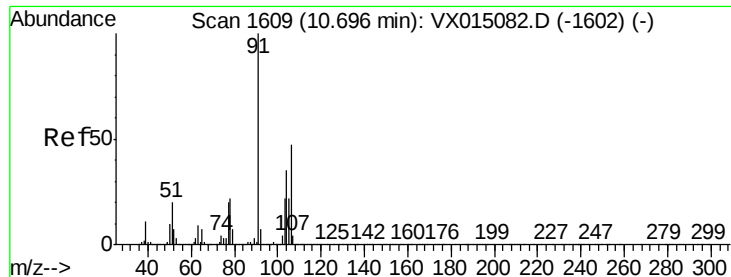
91 200.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

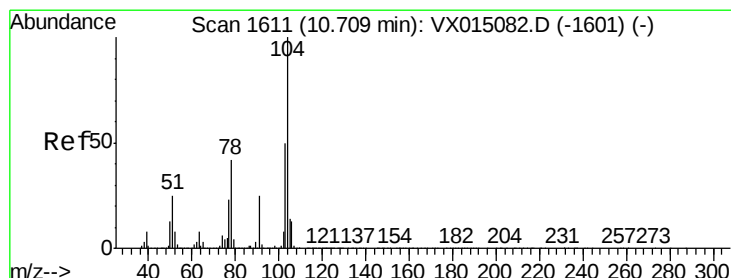
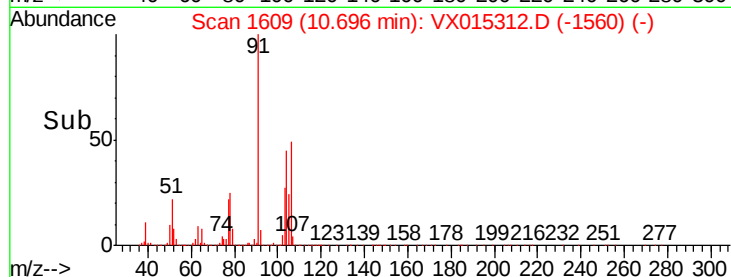
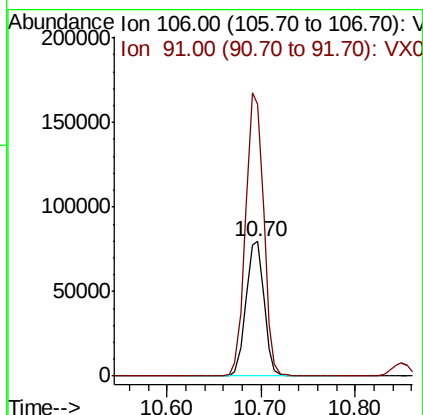
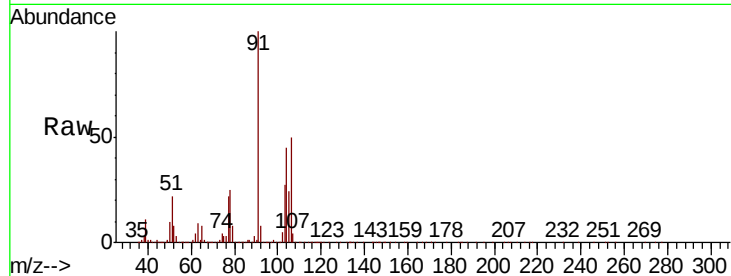




#69
o-Xylene
Concen: 20.760 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

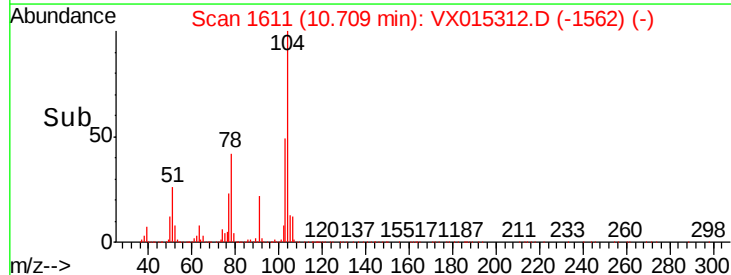
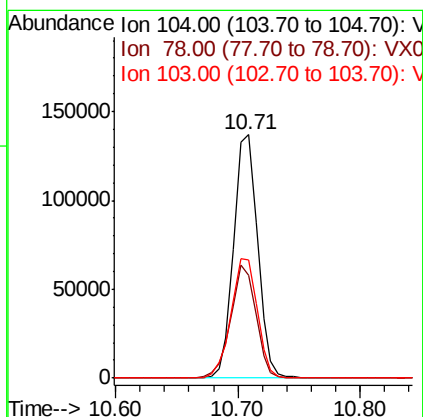
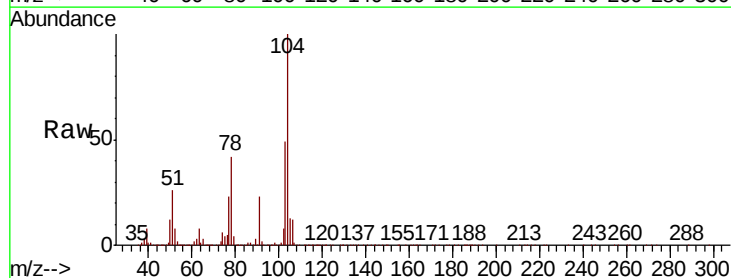
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

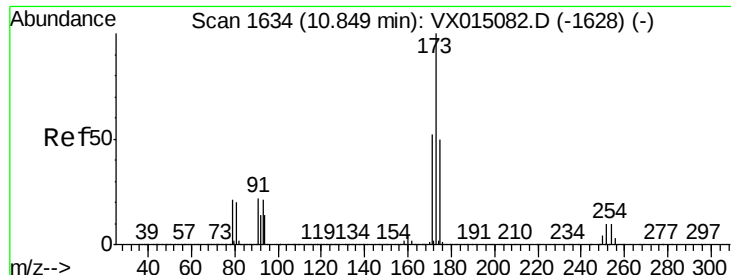
Tot Ion:106 Resp: 107222
Ion Ratio Lower Upper
106 100
91 208.9 105.4 316.1



#70
Styrene
Concen: 21.006 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion:104 Resp: 186030
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.5 43.7 65.5

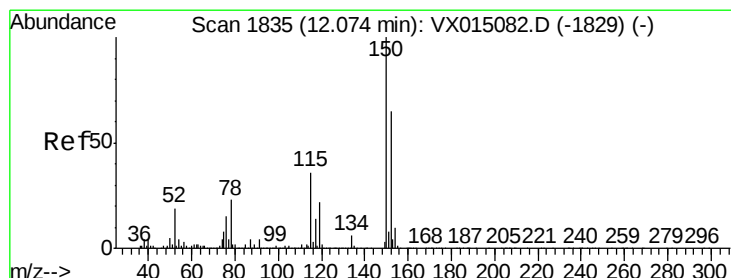
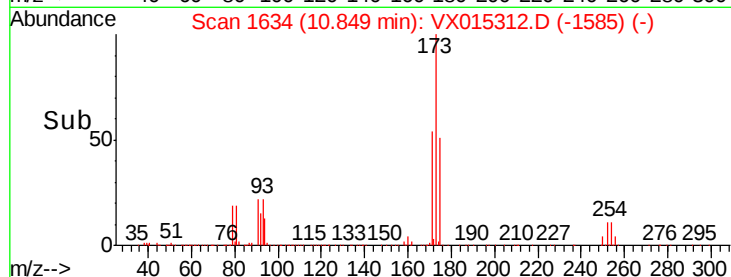
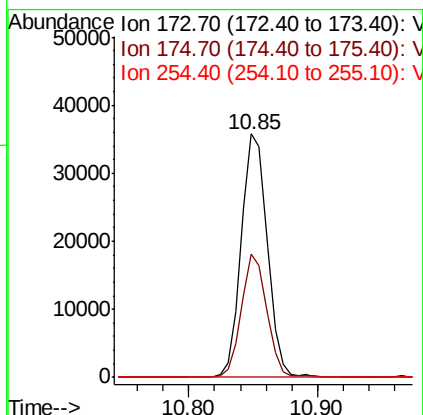
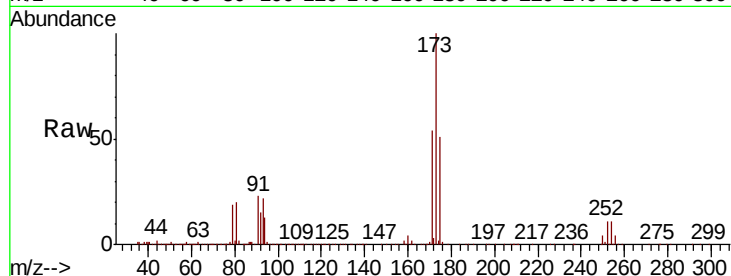




#71
Bromoform
Concen: 20.468 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

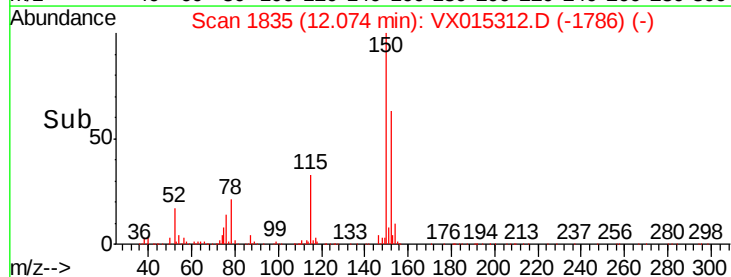
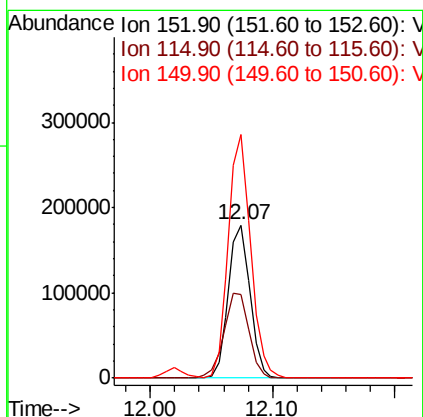
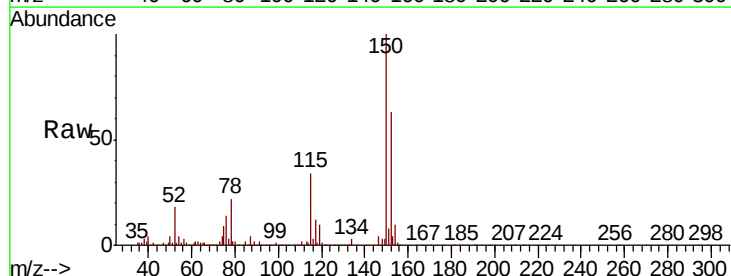
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

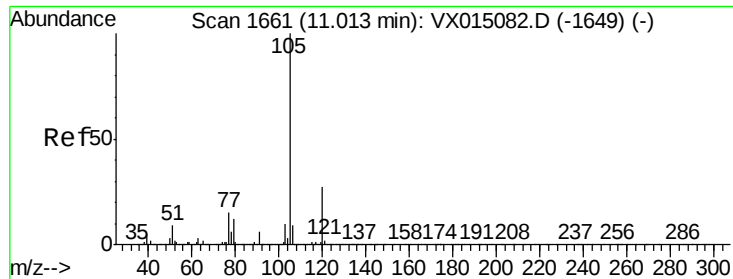
Tot Ion:173 Resp: 49974
Ion Ratio Lower Upper
173 100
175 49.7 24.9 74.7
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion:152 Resp: 219128
Ion Ratio Lower Upper
152 100
115 63.7 38.2 114.6
150 164.9 0.0 343.8





#73

Isopropylbenzene

Concen: 20.362 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

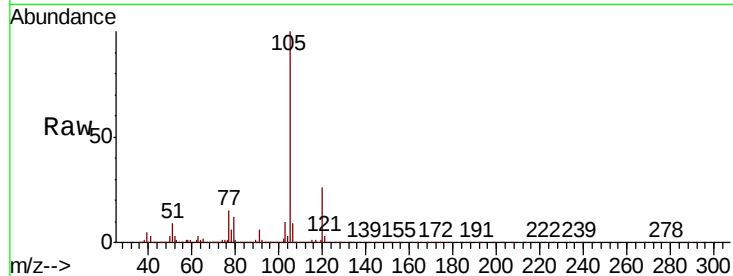
VX0317WBSD01

Tot Ion:105 Resp: 285024

Ion Ratio Lower Upper

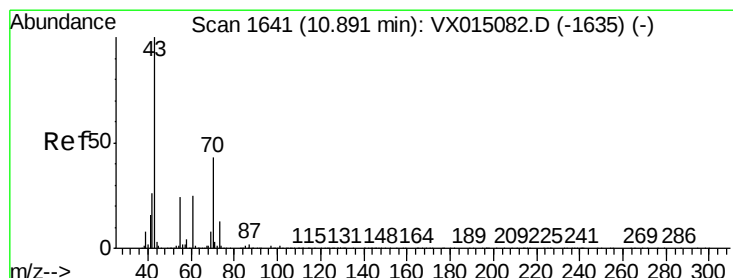
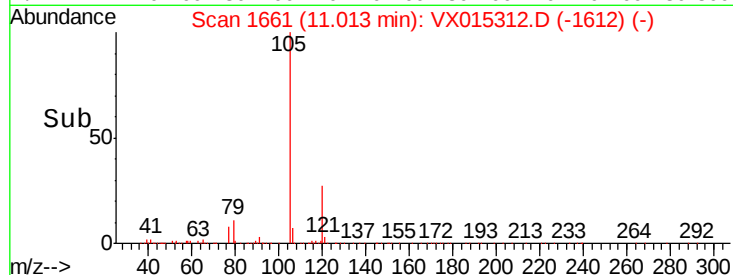
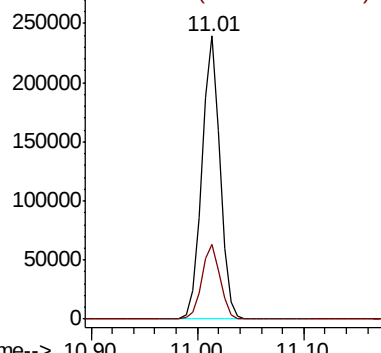
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.404 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion: 43 Resp: 120370

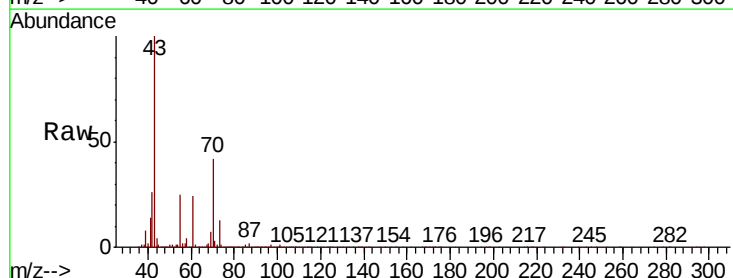
Ion Ratio Lower Upper

43 100

70 42.3 34.7 52.1

55 25.4 19.4 29.0

61 24.4 19.0 28.6

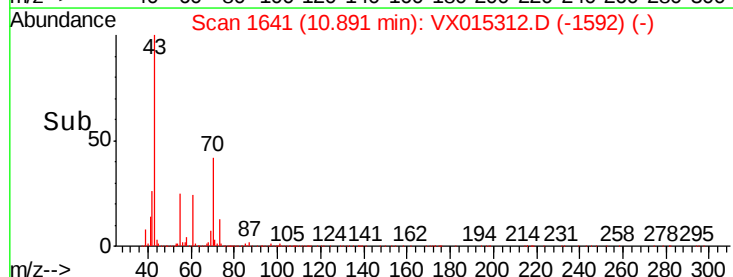
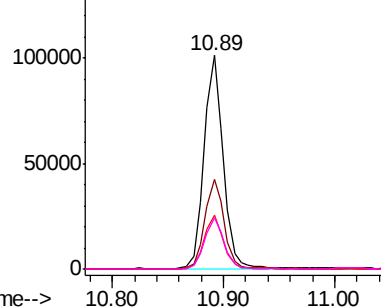


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.428 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

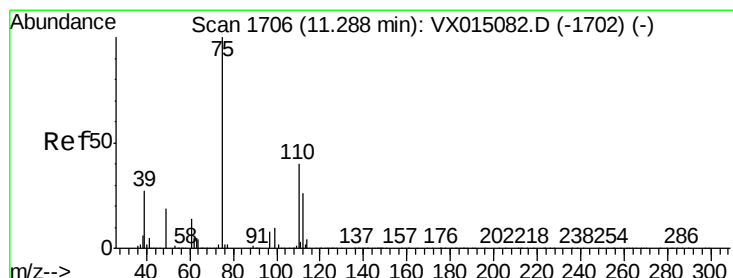
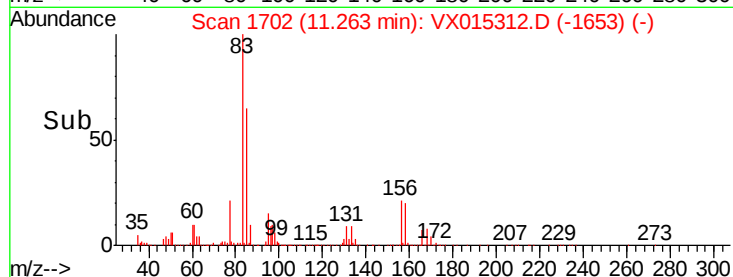
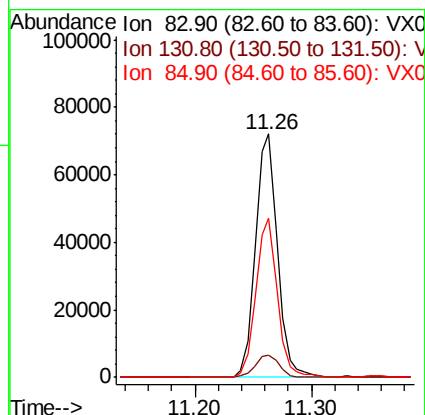
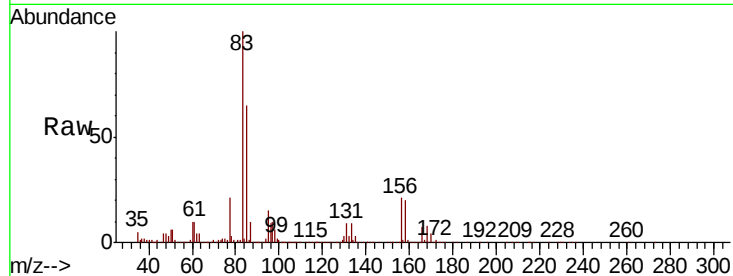
Tot Ion: 83 Resp: 95299

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 63.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 23.319 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015312.D

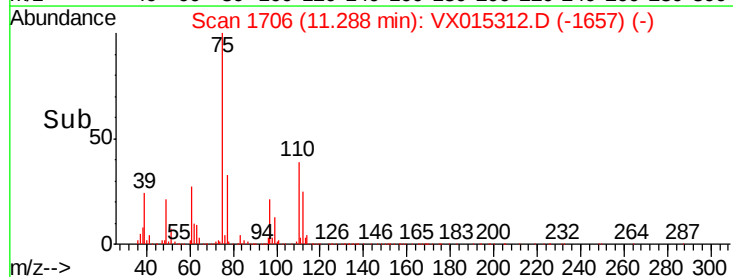
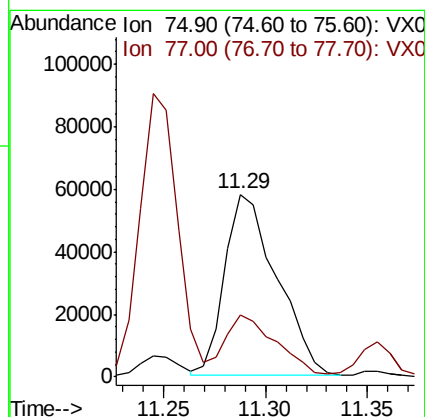
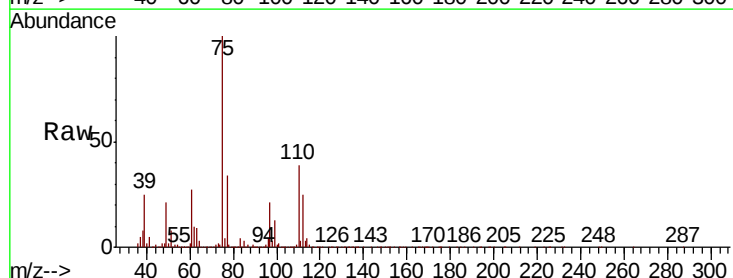
Acq: 17 Mar 2020 10:22

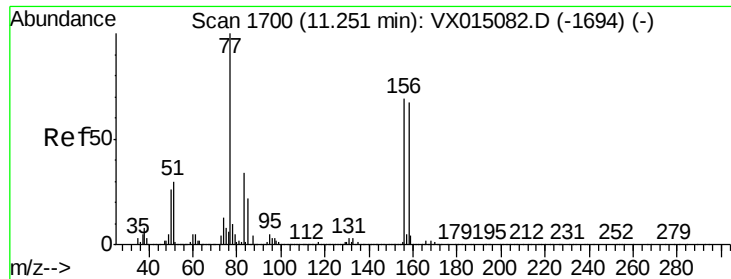
Tgt Ion: 75 Resp: 101925

Ion Ratio Lower Upper

75 100

77 34.1 22.6 67.8





#77

Bromobenzene

Concen: 19.474 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

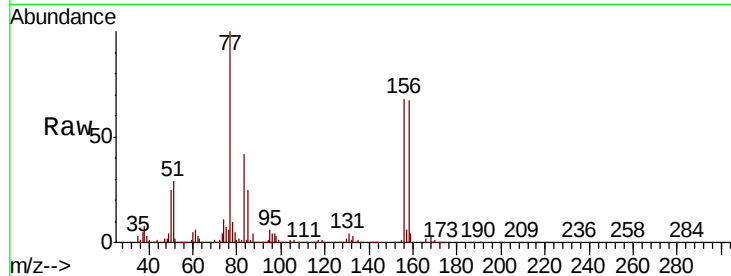
Tot Ion:156 Resp: 75970

Ion Ratio Lower Upper

156 100

77 153.3 75.3 225.9

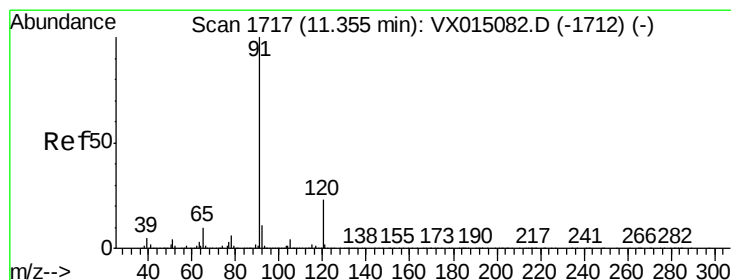
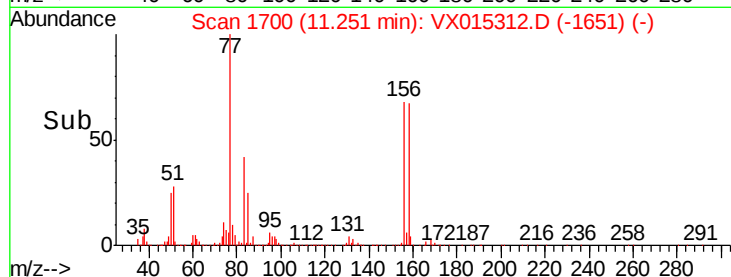
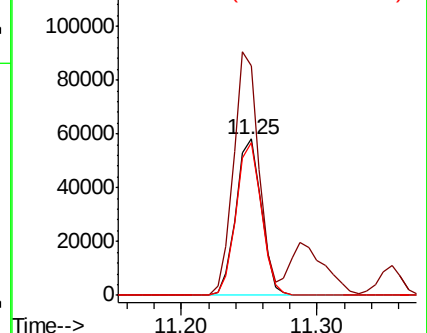
158 97.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.894 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015312.D

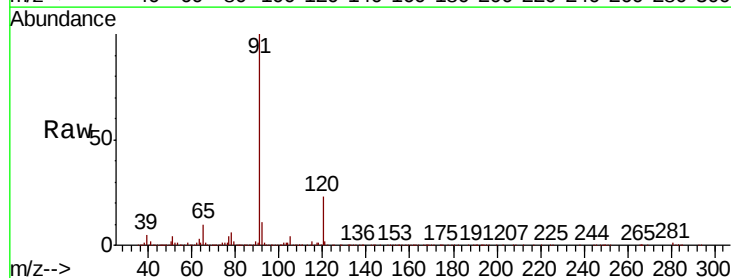
Acq: 17 Mar 2020 10:22

Tgt Ion: 91 Resp: 334145

Ion Ratio Lower Upper

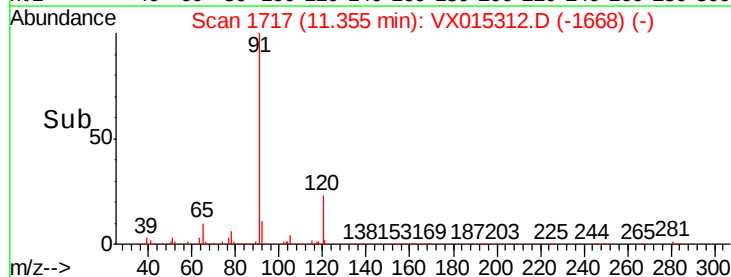
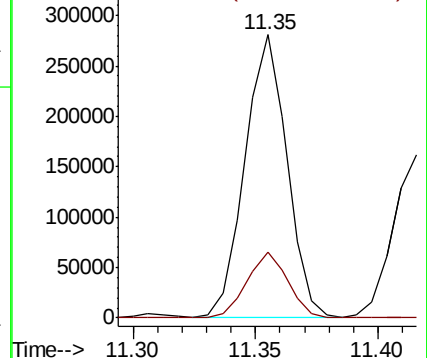
91 100

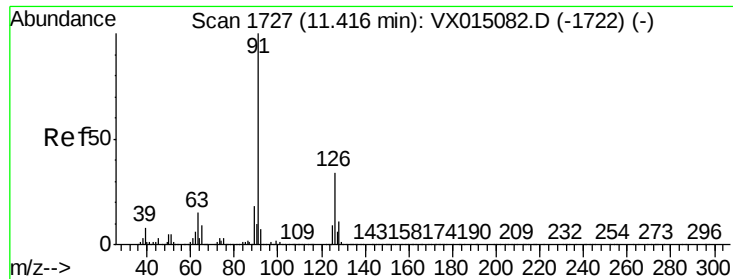
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

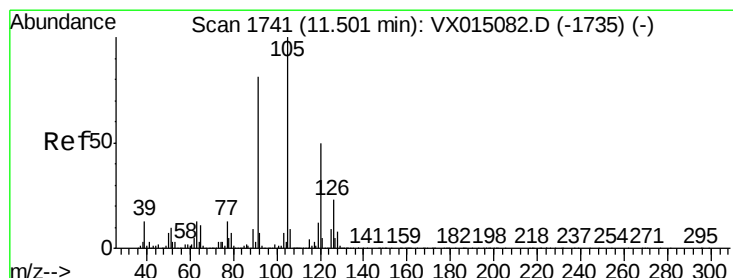
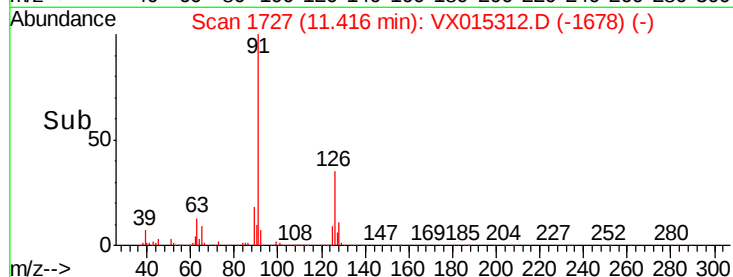
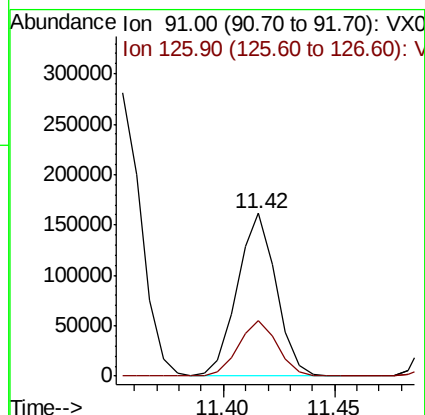
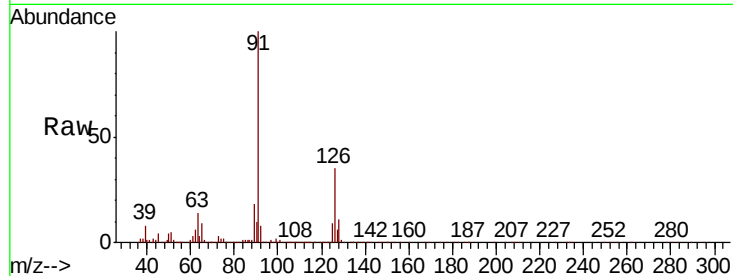




#79
 2-Chlorotoluene
 Concen: 20.443 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

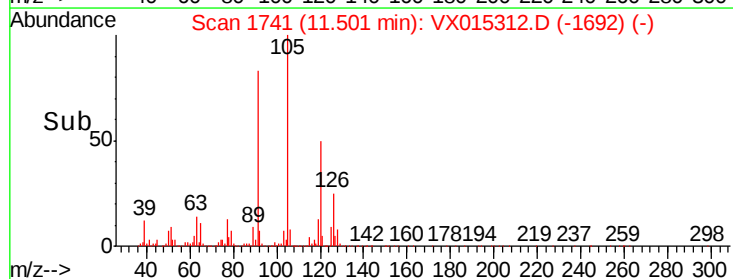
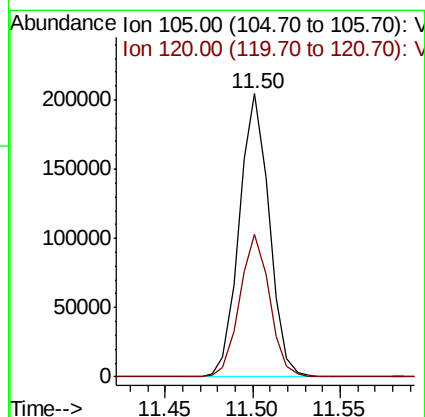
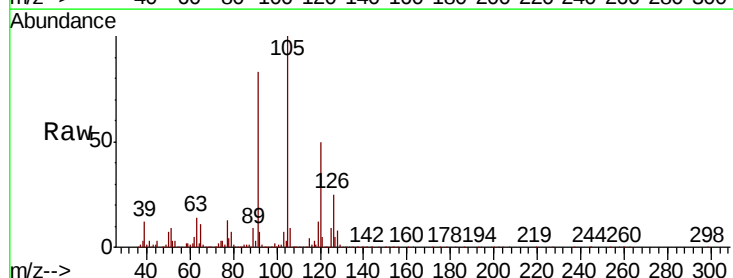
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

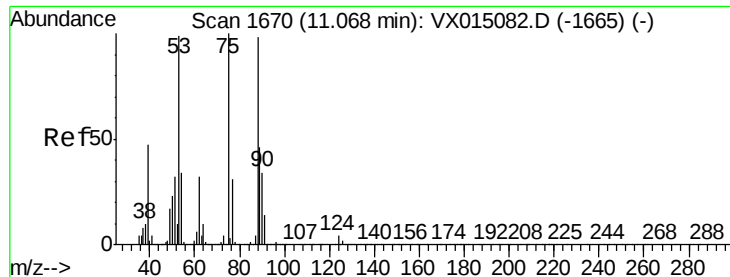
Tot Ion: 91 Resp: 195242
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.777 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion: 105 Resp: 242115
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.209 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

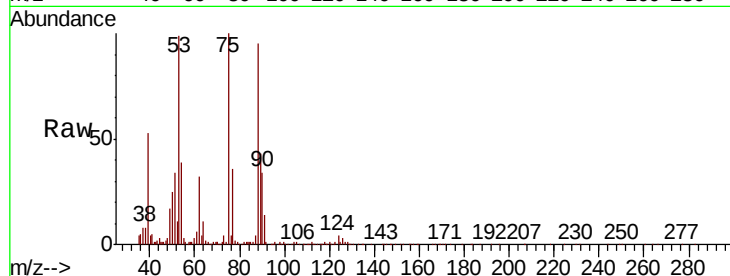
Tot Ion: 75 Resp: 29584

Ion Ratio Lower Upper

75 100

53 96.0 77.9 116.9

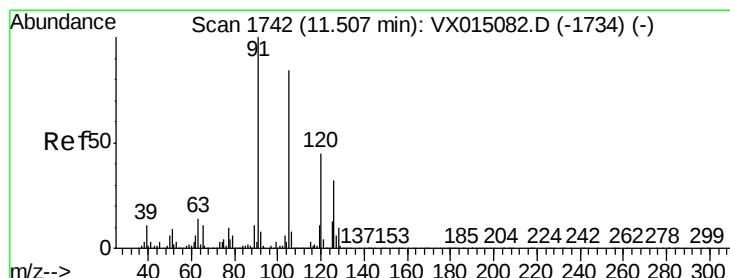
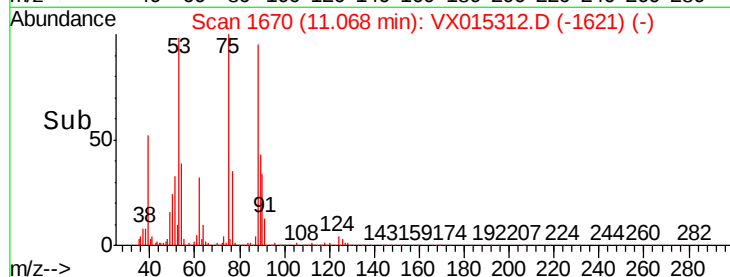
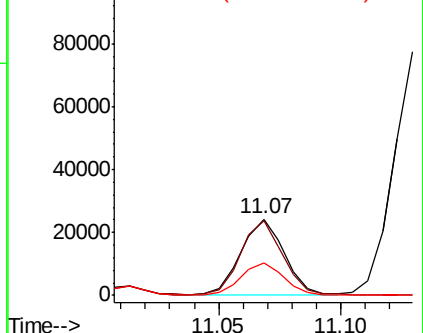
89 43.2 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.281 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015312.D

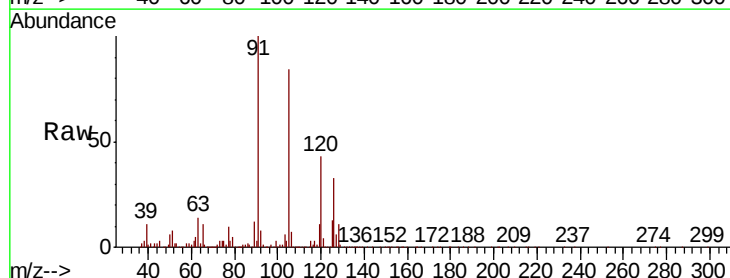
Acq: 17 Mar 2020 10:22

Tgt Ion: 91 Resp: 228837

Ion Ratio Lower Upper

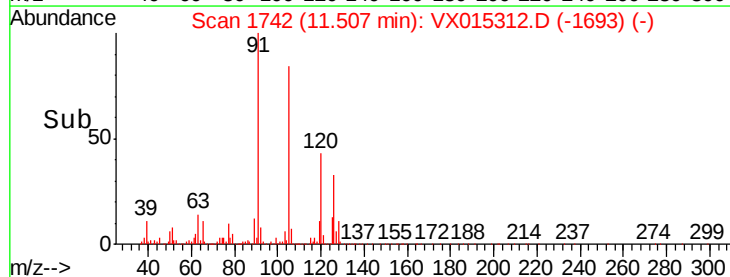
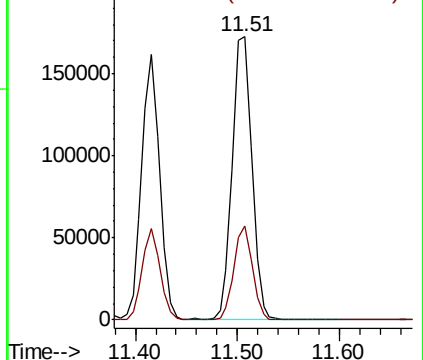
91 100

126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.438 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

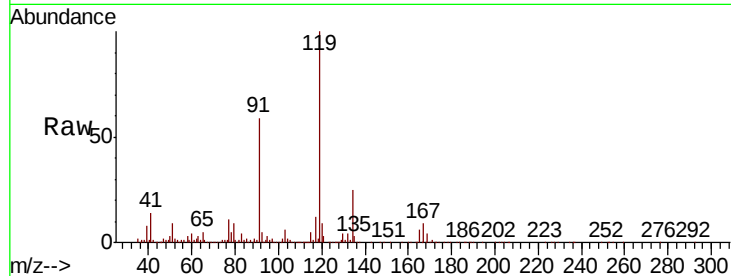
Tot Ion:119 Resp: 230280

Ion Ratio Lower Upper

119 100

91 55.8 28.5 85.6

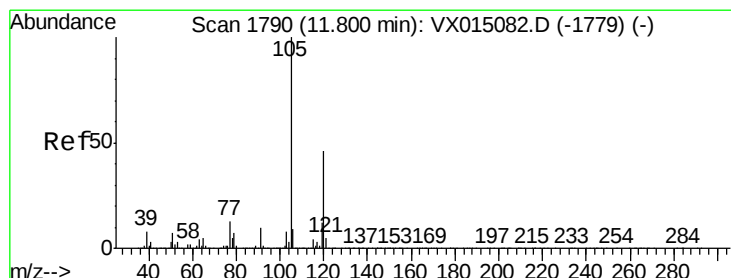
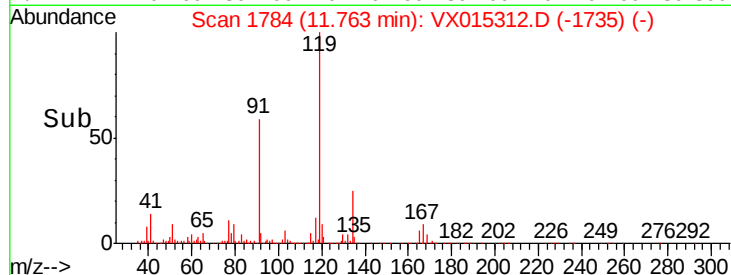
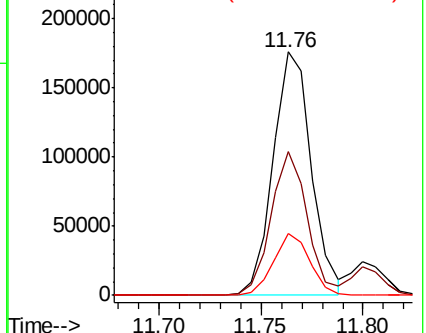
134 24.3 11.9 35.7



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: 20.507 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015312.D

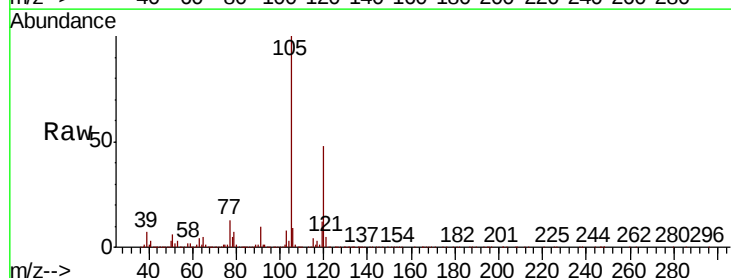
Acq: 17 Mar 2020 10:22

Tgt Ion:105 Resp: 240061

Ion Ratio Lower Upper

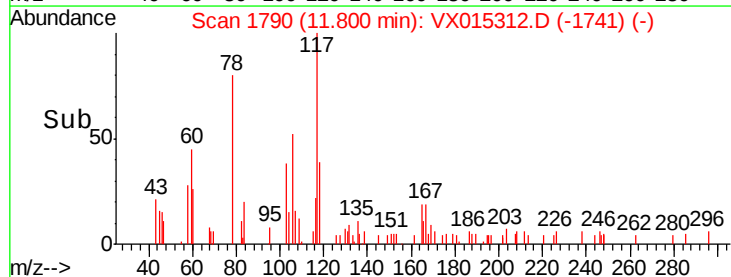
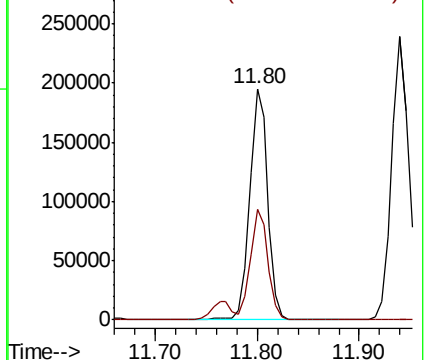
105 100

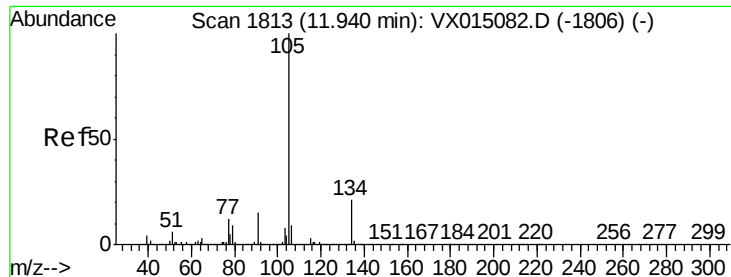
120 46.2 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

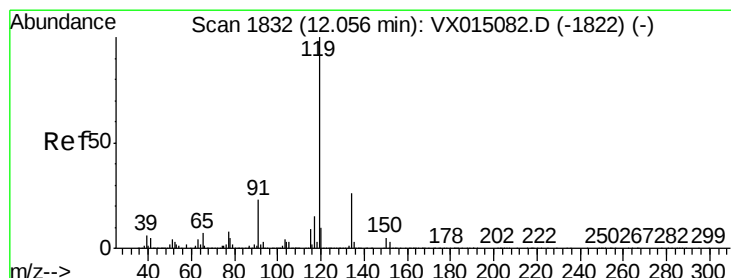
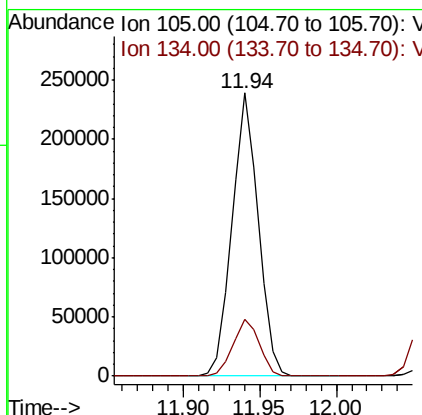
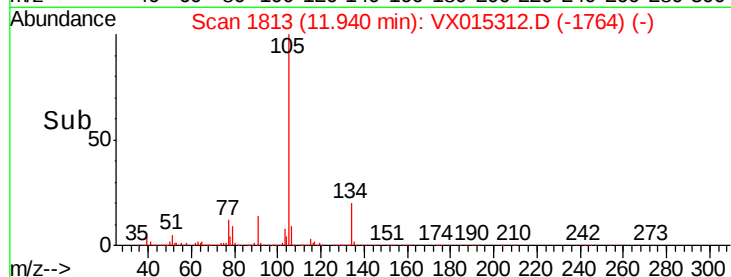
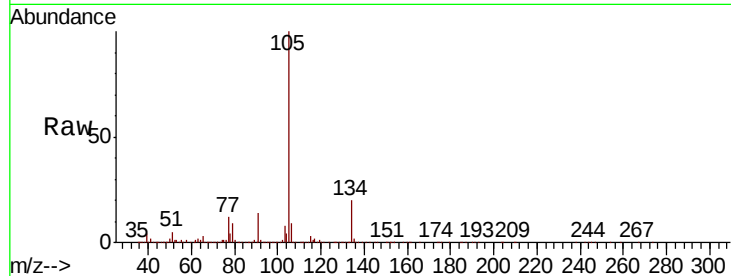




#85
 sec-Butylbenzene
 Concen: 20.844 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

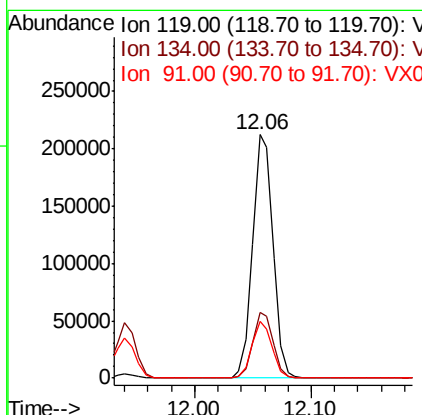
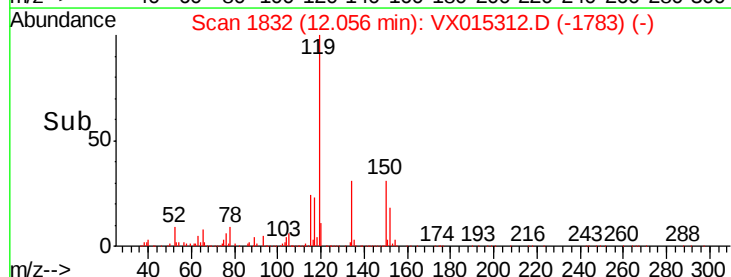
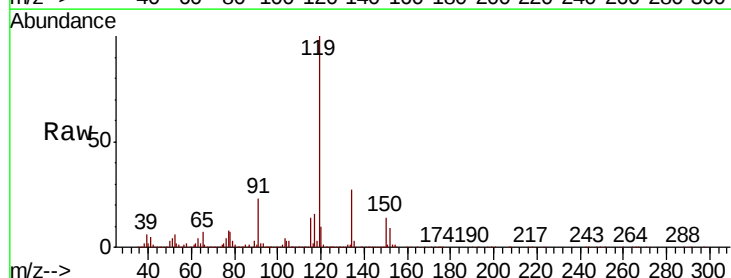
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0317WBSD01

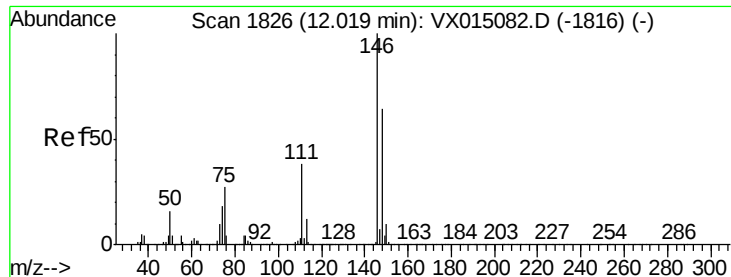
Tot Ion:105 Resp: 283519
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.793 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion:119 Resp: 260564
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.082 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

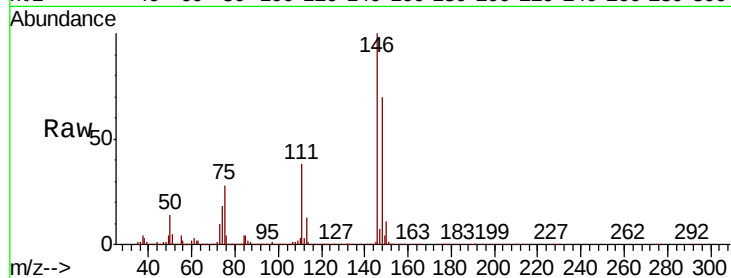
Tot Ion:146 Resp: 137723

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

148 65.5 31.9 95.5

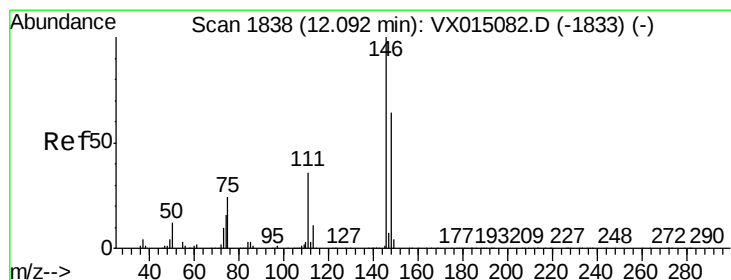
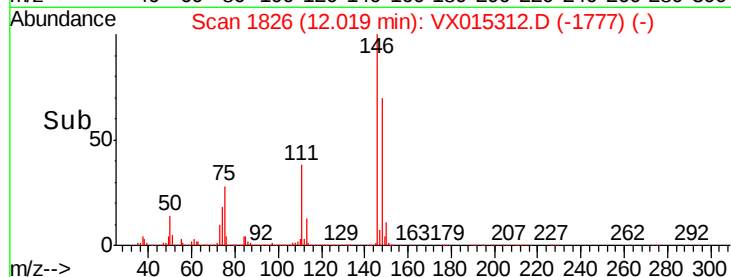
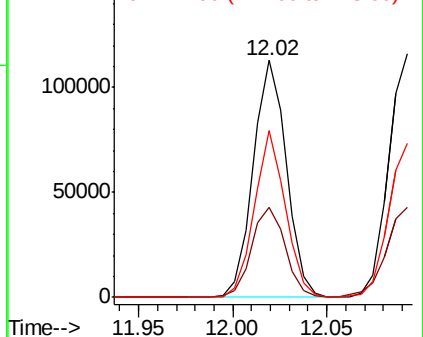


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 19.928 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

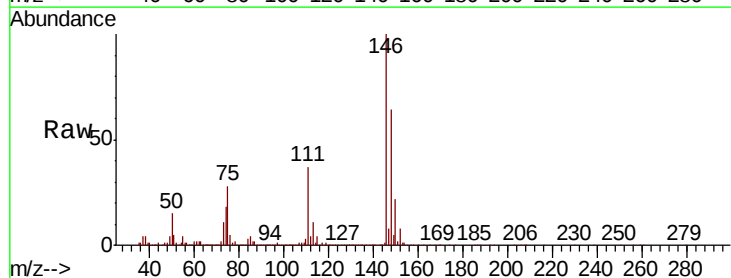
Tgt Ion:146 Resp: 141097

Ion Ratio Lower Upper

146 100

111 38.3 18.7 56.1

148 64.7 32.5 97.4

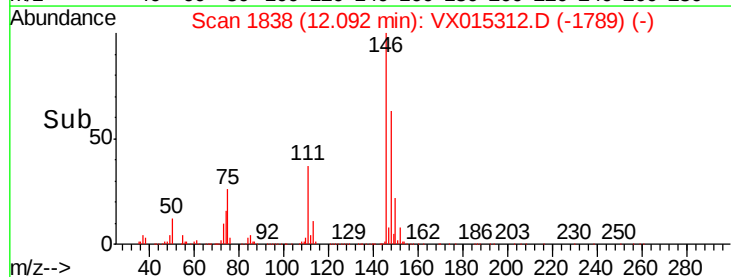
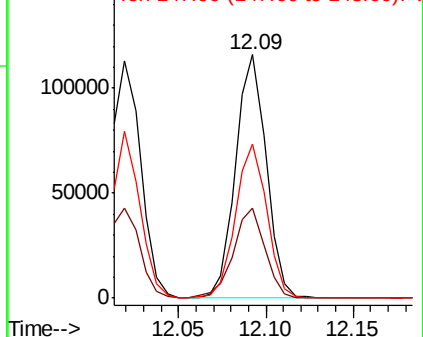


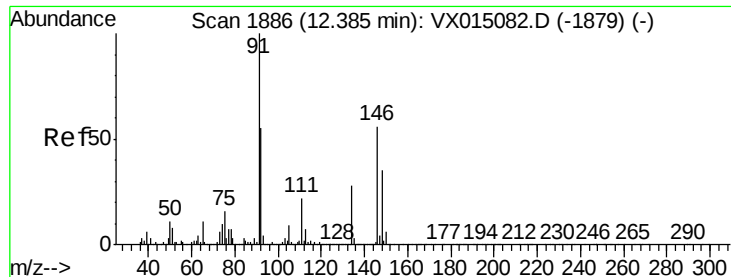
Abundance

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





#89

n-Butylbenzene

Concen: 20.713 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

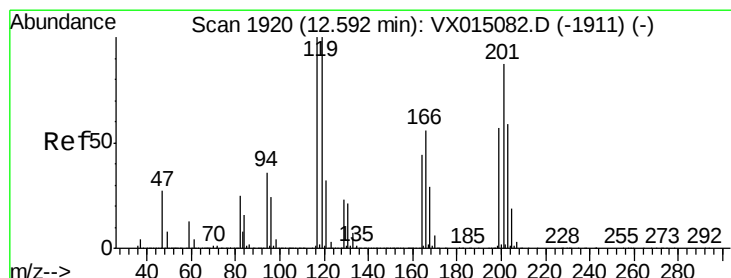
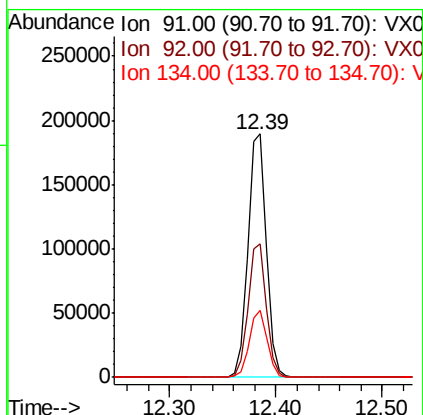
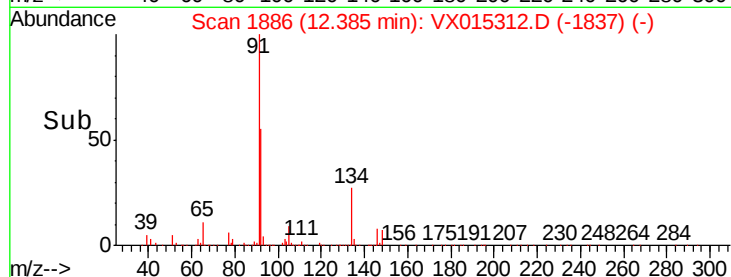
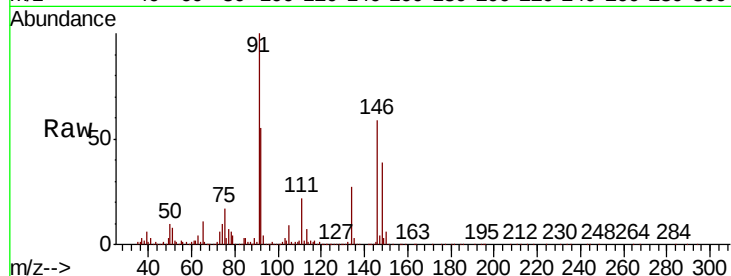
Tot Ion: 91 Resp: 230862

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.6

134 26.6 13.5 40.5



#90

Hexachloroethane

Concen: 19.217 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015312.D

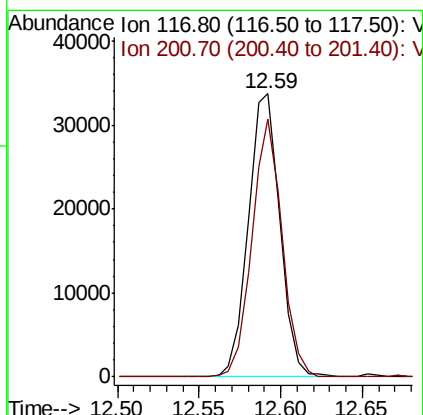
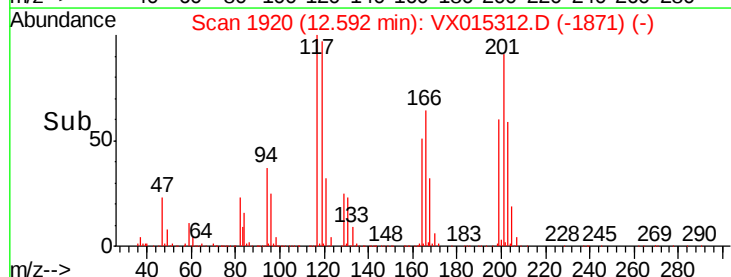
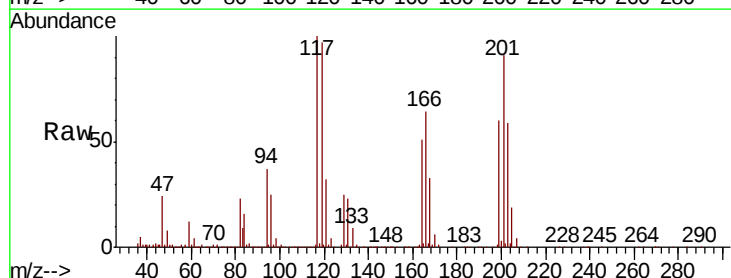
Acq: 17 Mar 2020 10:22

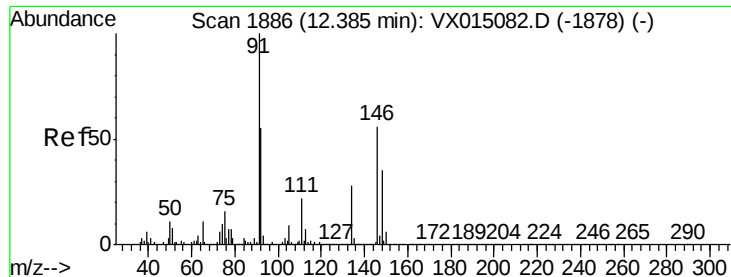
Tgt Ion: 117 Resp: 45528

Ion Ratio Lower Upper

117 100

201 86.1 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 20.185 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

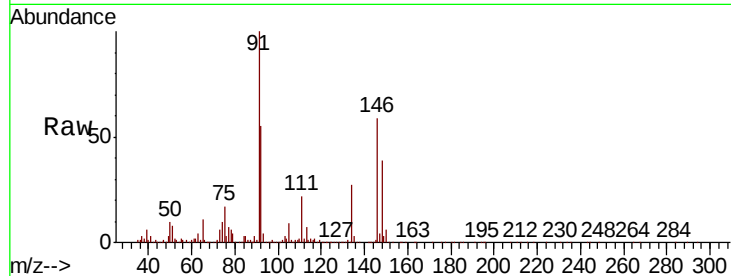
Tot Ion:146 Resp: 137628

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

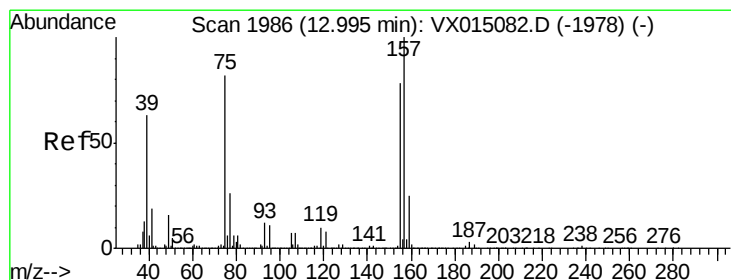
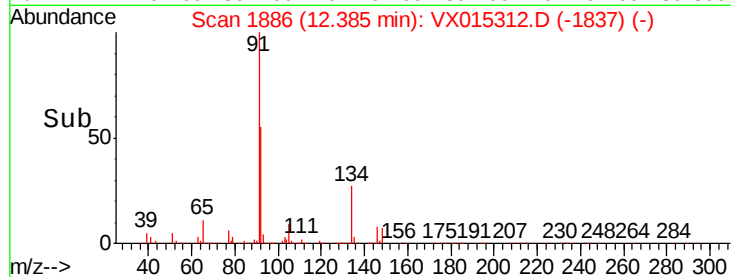
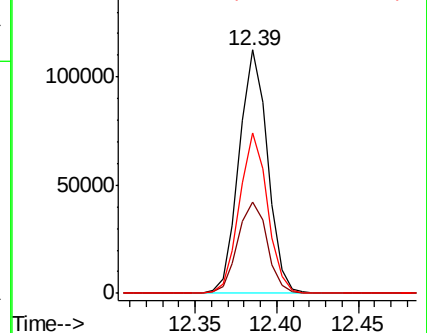
148 64.6 32.3 96.8



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: 19.535 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

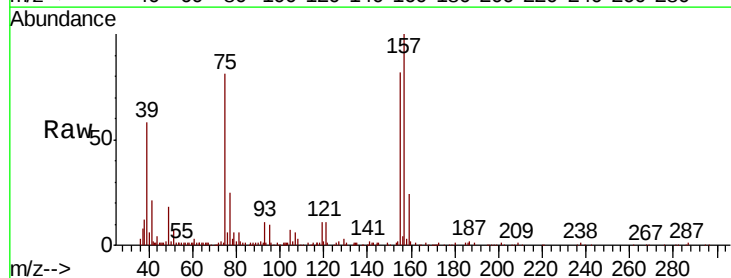
Tgt Ion: 75 Resp: 18249

Ion Ratio Lower Upper

75 100

155 97.4 46.6 139.7

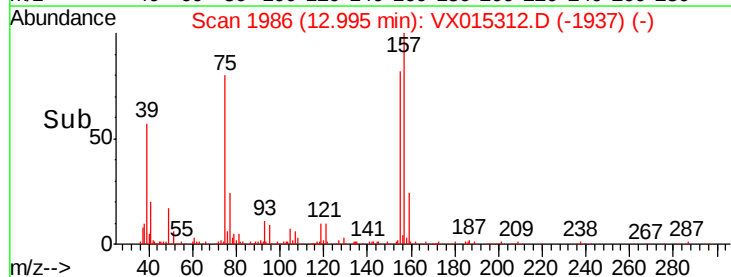
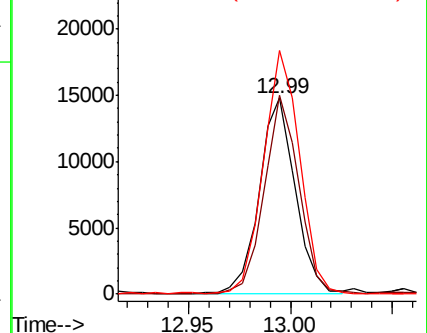
157 124.5 59.2 177.5

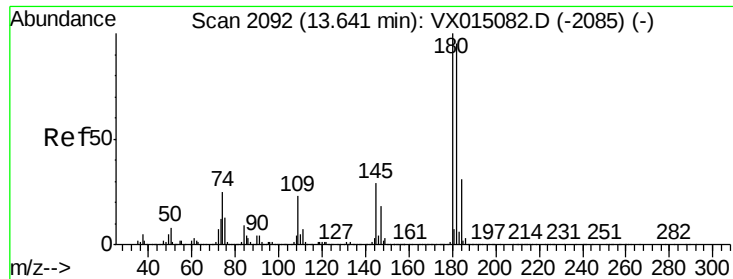


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

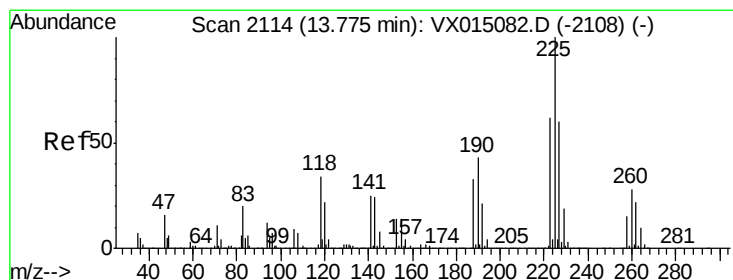
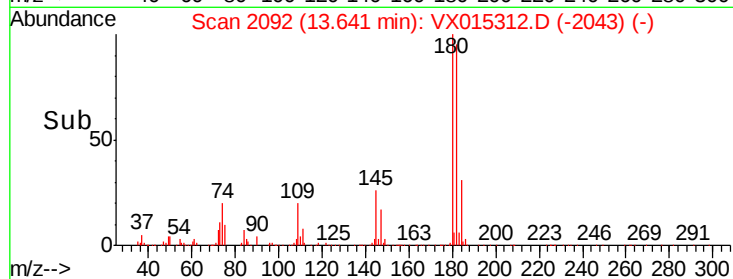
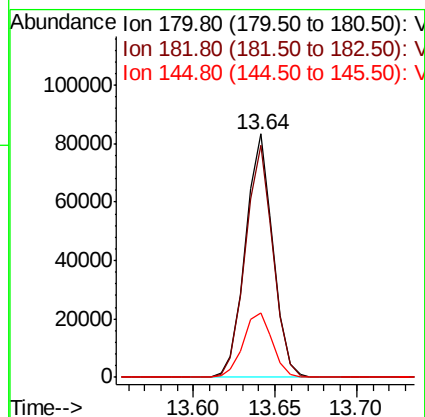
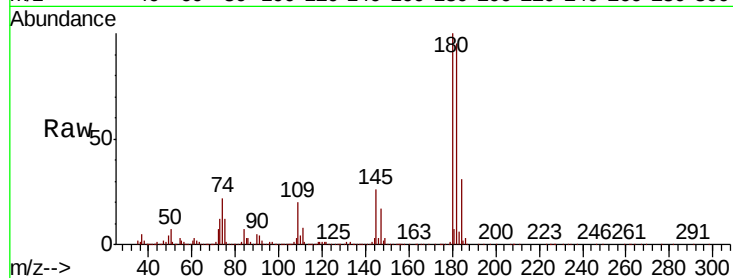




#93
 1,2,4-Trichlorobenzene
 Concen: 20.645 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

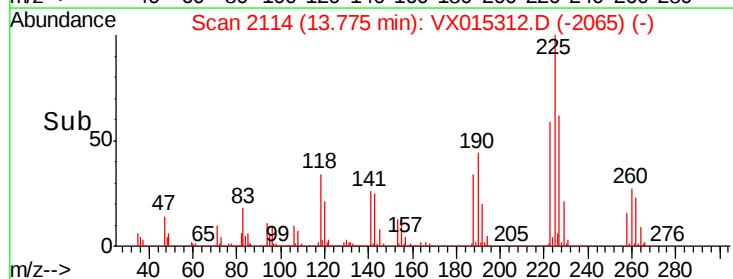
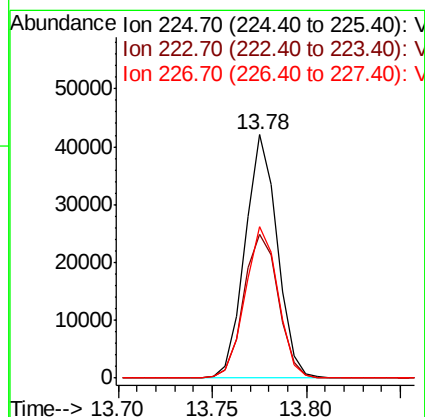
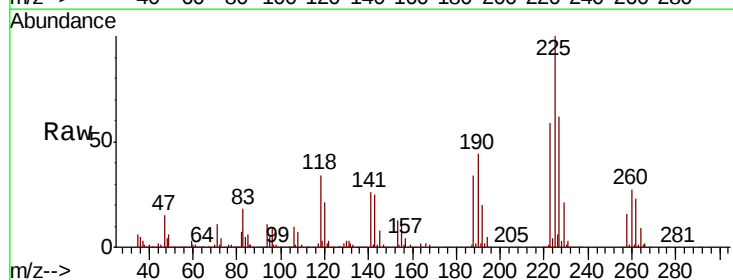
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

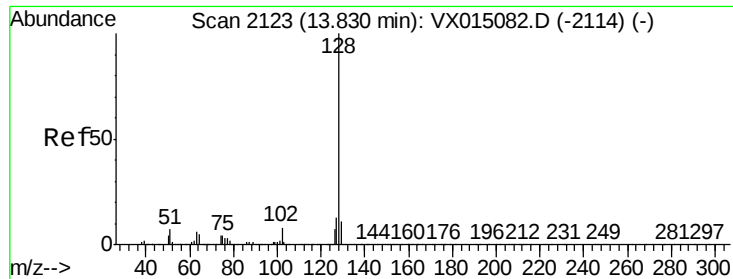
Tot Ion:180 Resp: 97708
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.6 142.8
 145 28.0 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 20.496 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion:225 Resp: 49776
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.9
 227 64.1 31.1 93.2

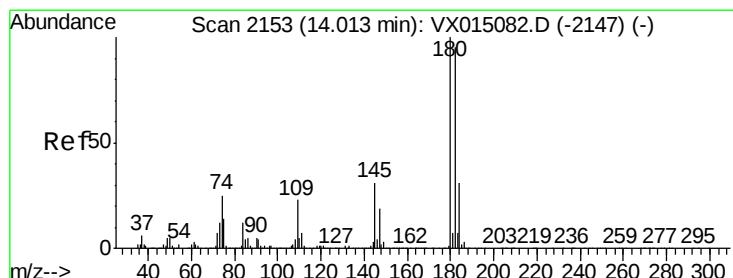
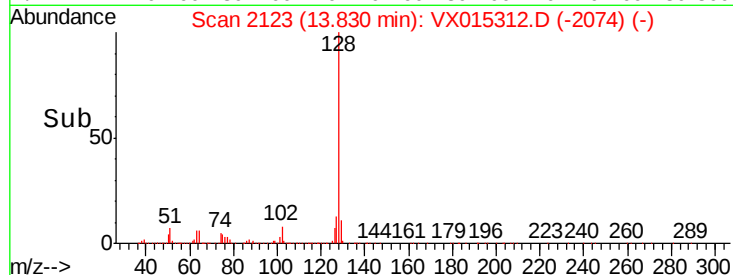
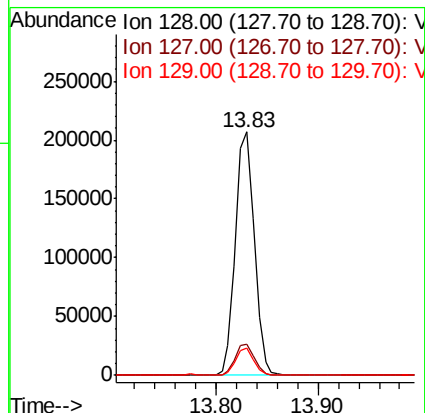
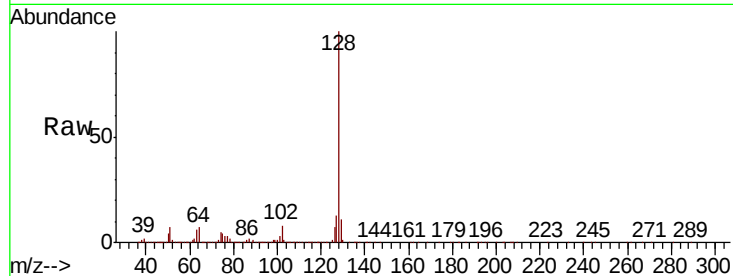




#95
Naphthalene
Concen: 19.123 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion:128 Resp: 264282
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.946 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion:180 Resp: 98909
Ion Ratio Lower Upper
180 100
182 97.5 47.8 143.4
145 30.2 15.1 45.3

