

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015275.D
 Acq On : 13 Mar 2020 22:29
 Operator : JC/SP
 Sample : VX0313WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Quant Time: Mar 16 08:29:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	48795	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	282199	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	267761	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	102221	31.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.50%
60) 4-Bromofluorobenzene	11.13	95	125792	29.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.37%
63) Toluene-d8	8.71	98	353790	30.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	41759	17.017	ug/l 94
3) Chloromethane	1.32	50	57862	16.331	ug/l 98
4) Vinyl Chloride	1.40	62	56917	15.787	ug/l 99
5) Bromomethane	1.64	94	35552	15.136	ug/l 94
6) Chloroethane	1.72	64	36192	15.982	ug/l 96
7) Trichlorofluoromethane	1.93	101	69600	15.142	ug/l 96
8) Diethyl Ether	2.18	74	33094	16.245	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43781	15.532	ug/l 98
10) 1,1-Dichloroethene	2.37	96	46235	16.269	ug/l 97
11) Methyl Iodide	2.50	142	40850	13.975	ug/l 98
12) Methyl Acetate	2.76	43	65555	18.700	ug/l 97
13) Acrolein	2.29	56	39450	71.258	ug/l 98
14) Acrylonitrile	3.14	53	150405	92.456	ug/l 98
15) Acetone	2.44	58	38263	80.162	ug/l 96
16) Carbon Disulfide	2.56	76	128477	16.144	ug/l 98
17) Allyl chloride	2.72	41	88104	16.711	ug/l 98
18) Methylene Chloride	2.85	84	55959	17.424	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	52137	17.008	ug/l 99
20) Diisopropyl ether	3.84	45	186039	17.763	ug/l 97
21) 1,1-Dichloroethane	3.69	63	97689	17.604	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	61171	17.654	ug/l 98
23) tert-Butyl Alcohol	3.03	59	58280	91.633	ug/l # 99
24) Methyl tert-Butyl Ether	3.19	73	159863	17.410	ug/l 97
25) Chloroform	5.20	83	97033	18.381	ug/l 98
26) Cyclohexane	5.58	56	91529	17.748	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	75937	17.536	ug/l 99
30) 2-Butanone	4.66	43	207535	89.490	ug/l 99
31) 2,2-Dichloropropane	4.58	77	61201	13.757	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	81981	17.396	ug/l 98
33) Carbon Tetrachloride	5.78	117	69991	17.355	ug/l 98
34) Benzene	6.14	78	244011	18.595	ug/l 98
35) Methacrylonitrile	5.03	41	43882	17.502	ug/l 97
37) Trichloroethene	7.21	130	68781	18.953	ug/l 94
38) Methylcyclohexane	7.46	83	91013	17.297	ug/l 99
39) 1,2-Dichloropropane	7.51	63	66149	19.514	ug/l 93
40) Dibromomethane	7.65	93	41846	19.423	ug/l 99
41) Bromodichloromethane	7.89	83	82684	19.404	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015275.D
 Acq On : 13 Mar 2020 22:29
 Operator : JC/SP
 Sample : VX0313WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Quant Time: Mar 16 08:29:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.81	43	767995	83.977	ug/l	100
43) Ethyl Acetate	4.82	43	83246	18.919	ug/l	97
44) Isopropyl Acetate	6.43	43	144636	19.434	ug/l	99
45) 1,4-Dioxane	7.74	88	30933	423.182	ug/l	95
46) Methyl methacrylate	7.76	41	69241	18.867	ug/l	98
47) n-amyl Acetate	10.89	43	122186	18.296	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	87656	18.918	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	96681	18.373	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	65312	20.502	ug/l	96
51) Ethyl methacrylate	9.17	69	98364	19.788	ug/l	98
52) 1,3-Dichloropropane	9.37	76	113326	21.018	ug/l	100
53) Dibromochloromethane	9.57	129	68210	20.105	ug/l	97
54) 1,2-Dibromoethane	9.67	107	69595	21.177	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	251227	100.909	ug/l	99
56) Bromoform	10.85	173	50192	18.869	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	467552	102.567	ug/l	100
59) 2-Hexanone	9.48	43	349559	101.456	ug/l	100
61) Tetrachloroethene	9.33	164	71384	19.152	ug/l	95
62) Toluene	8.78	91	271609	19.169	ug/l	100
64) Chlorobenzene	10.14	112	169934	18.770	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.21	131	62114	18.626	ug/l	98
66) Ethyl Benzene	10.25	91	288427	18.273	ug/l	99
67) m/p-Xylenes	10.35	106	228905	37.779	ug/l	98
68) o-Xylene	10.70	106	107120	18.440	ug/l	98
69) Styrene	10.71	104	189631	18.757	ug/l	100
70) Isopropylbenzene	11.01	105	283760	18.352	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	99170	19.758	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	111040	27.029	ug/l	87
73) Bromobenzene	11.25	156	78825	18.693	ug/l	98
74) n-propylbenzene	11.35	91	331399	18.142	ug/l	99
75) 2-Chlorotoluene	11.42	91	201582	18.901	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	233243	17.671	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	29291	17.024	ug/l	97
78) 4-Chlorotoluene	11.51	91	223476	18.200	ug/l	99
79) tert-butylbenzene	11.76	119	228142	18.436	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	246479	18.888	ug/l	100
81) sec-Butylbenzene	11.94	105	279133	18.176	ug/l	99
82) p-Isopropyltoluene	12.06	119	257640	18.243	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	138074	18.531	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	137727	18.480	ug/l	100
85) n-Butylbenzene	12.39	91	214808	17.356	ug/l	99
86) Hexachloroethane	12.59	117	43756	17.698	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	134492	18.513	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	19355	18.730	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	92260	17.182	ug/l	100
90) Hexachlorobutadiene	13.78	225	44893	16.251	ug/l	99
91) Naphthalene	13.83	128	268013	18.017	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	95808	17.728	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
Data File : VX015275.D
Acq On : 13 Mar 2020 22:29
Operator : JC/SP
Sample : VX0313WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Quant Time: Mar 16 08:29:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

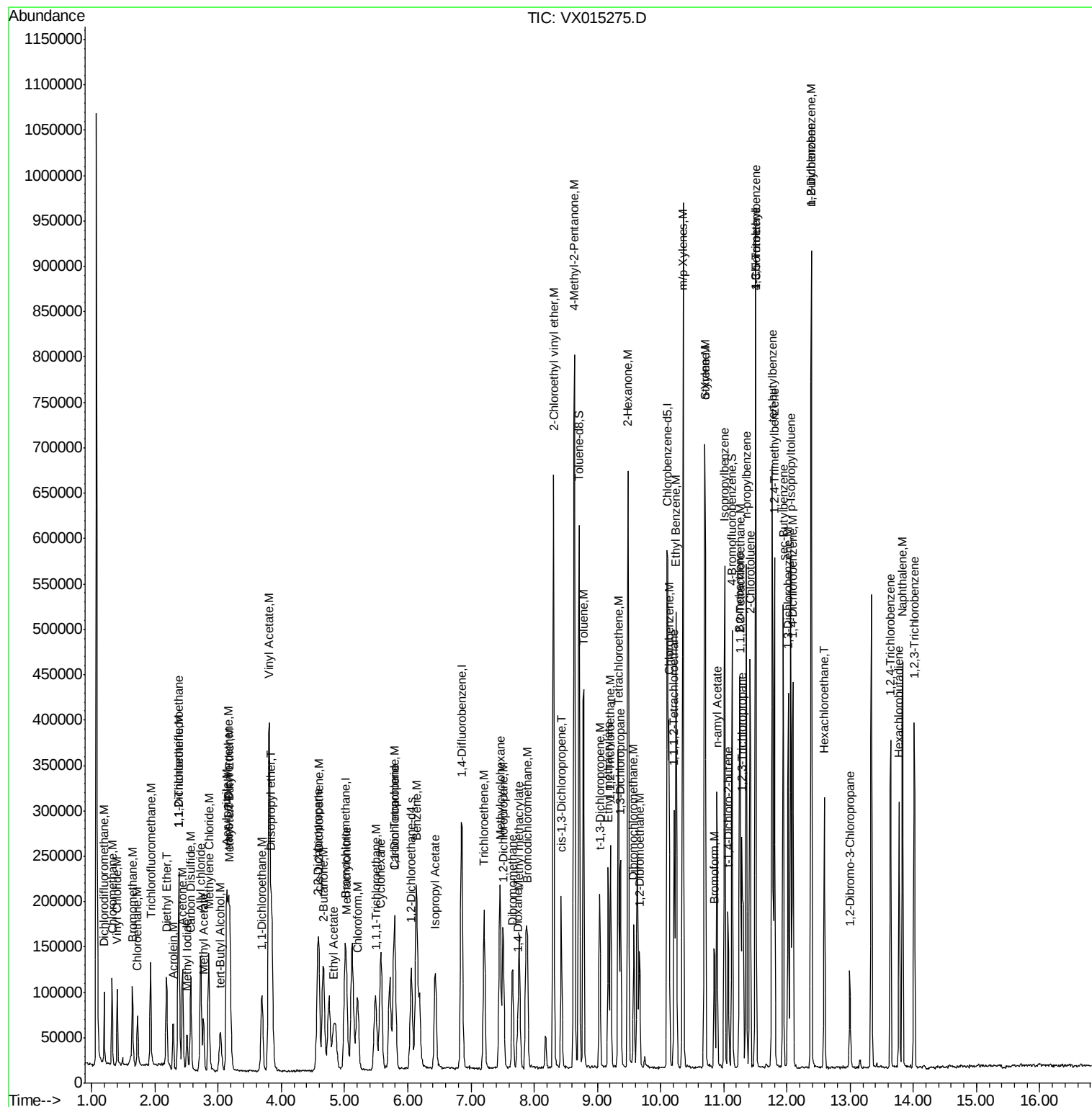
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

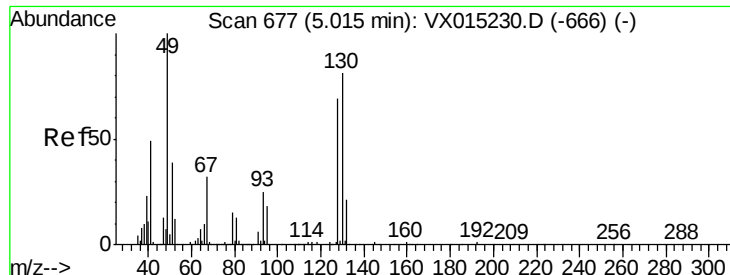
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031320\
Data File : VX015275.D
Acq On : 13 Mar 2020 22:29
Operator : JC/SP
Sample : VX0313WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0313WBS02

Quant Time: Mar 16 08:29:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

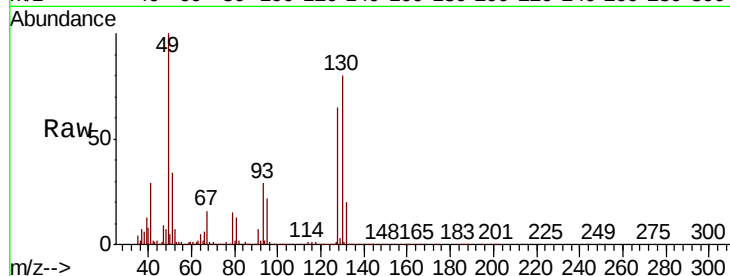
Tot Ion:128 Resp: 48795

Ion Ratio Lower Upper

128 100

49 164.7 0.0 406.8

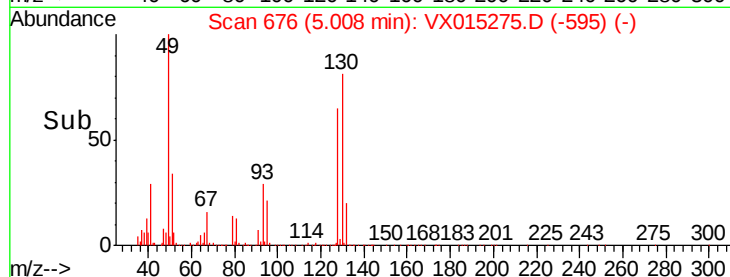
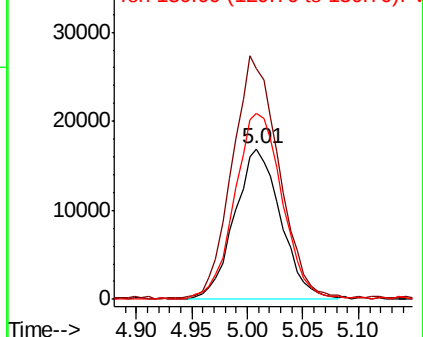
130 127.3 0.0 319.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.017 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015275.D

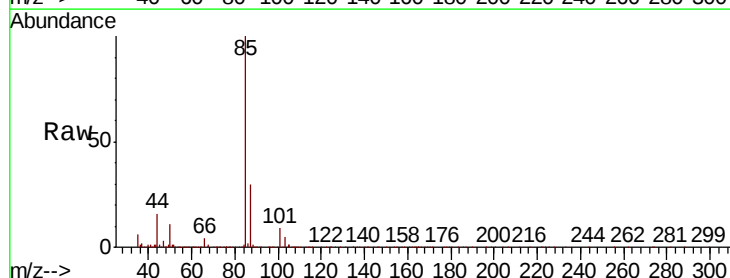
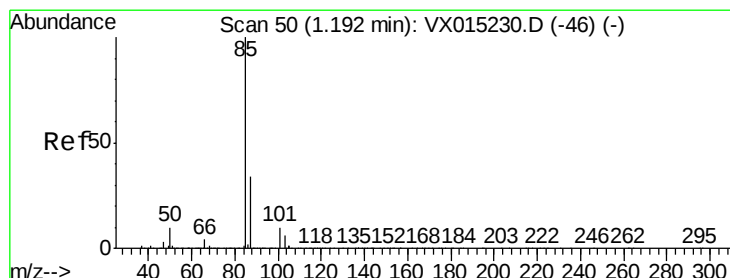
Acq: 13 Mar 2020 22:29

Tgt Ion: 85 Resp: 41759

Ion Ratio Lower Upper

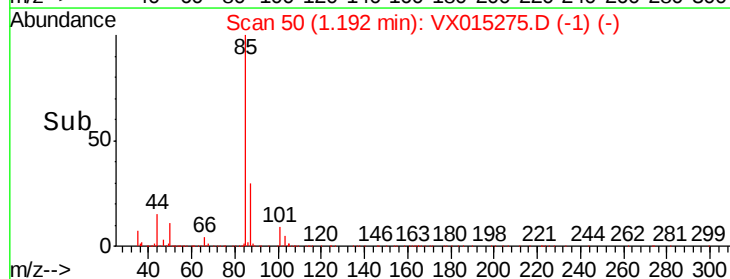
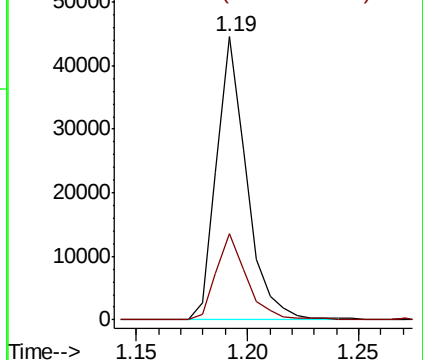
85 100

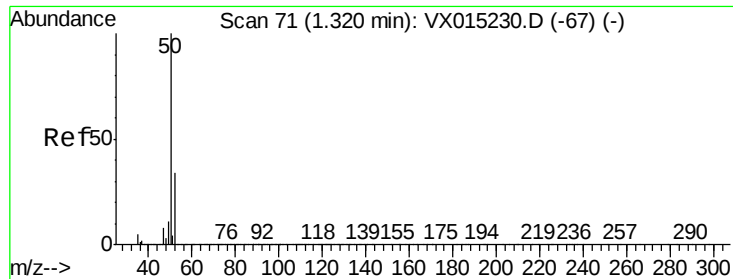
87 30.1 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

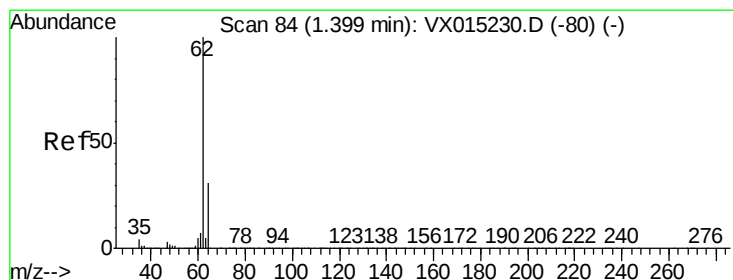
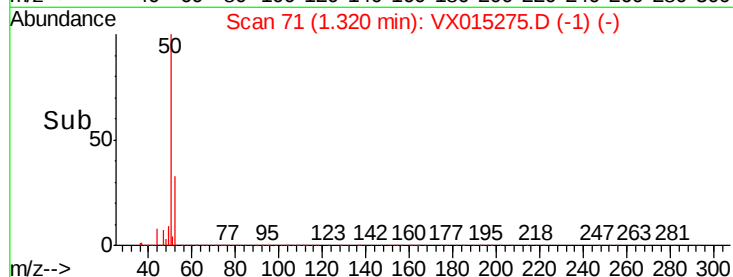
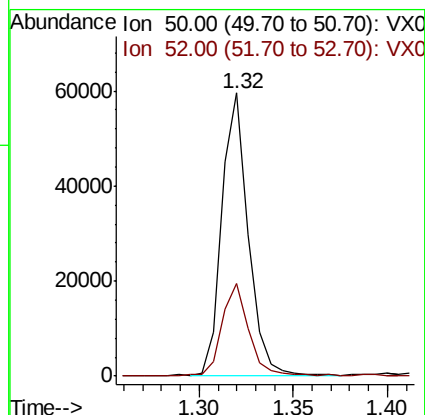
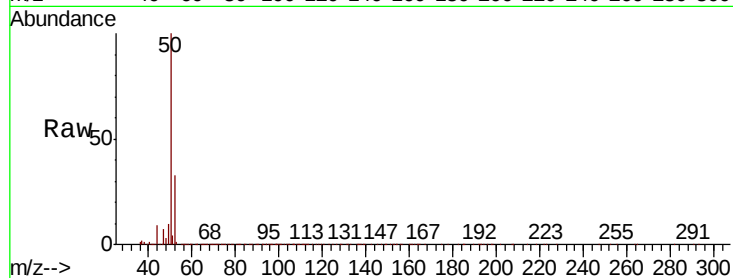




#3
Chloromethane
Concen: 16.331 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

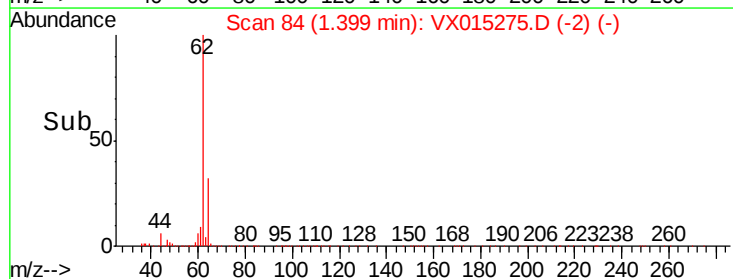
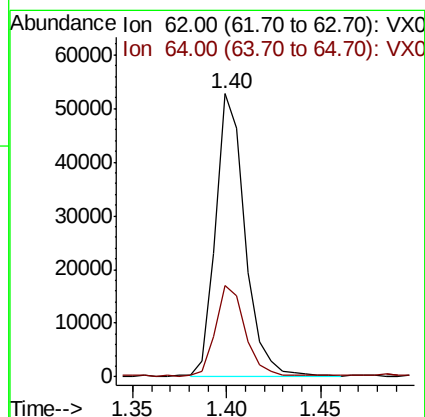
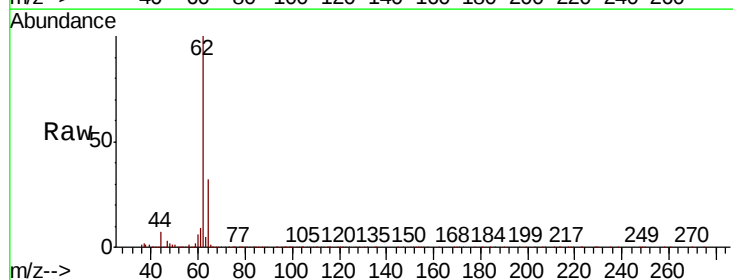
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

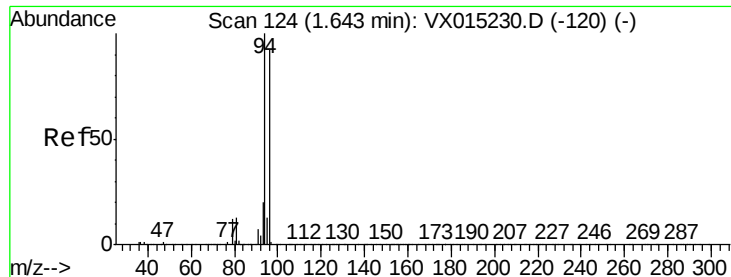
Tot Ion: 50 Resp: 57862
Ion Ratio Lower Upper
50 100
52 32.6 26.9 40.3



#4
Vinyl Chloride
Concen: 15.787 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion: 62 Resp: 56917
Ion Ratio Lower Upper
62 100
64 31.8 24.9 37.3





#5

Bromomethane

Concen: 15.136 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

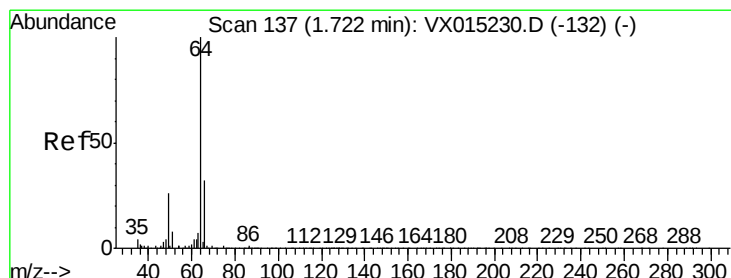
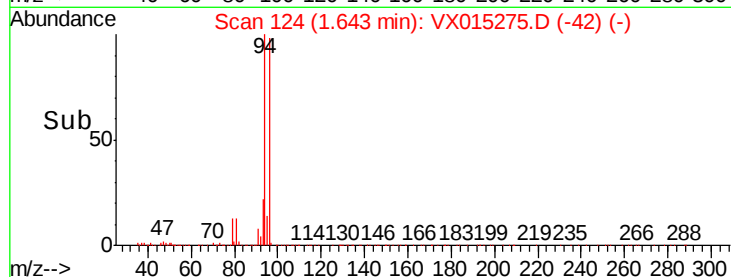
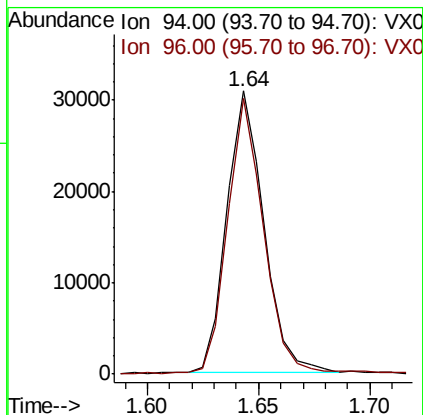
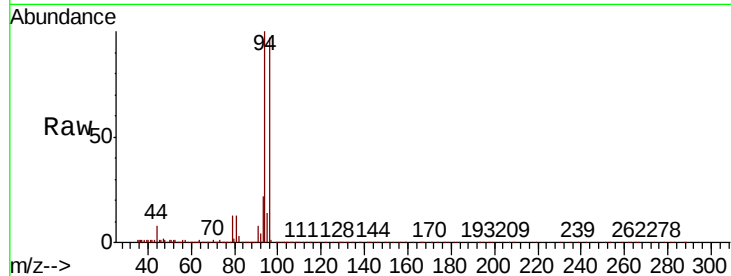
VX0313WBS02

Tot Ion: 94 Resp: 35552

Ion Ratio Lower Upper

94 100

96 97.3 73.0 109.4



#6

Chloroethane

Concen: 15.982 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015275.D

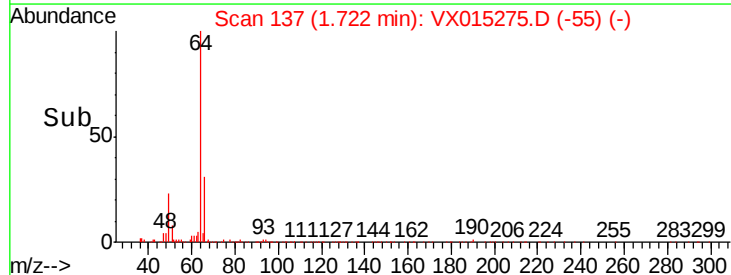
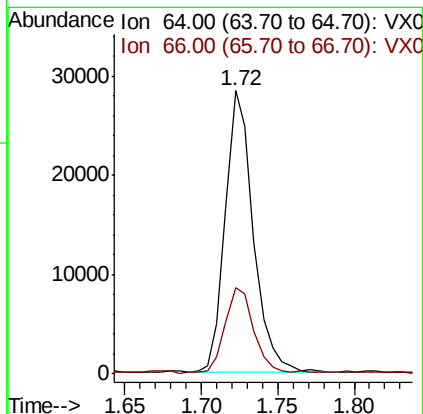
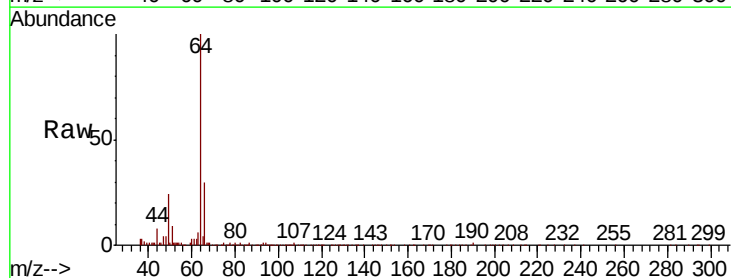
Acq: 13 Mar 2020 22:29

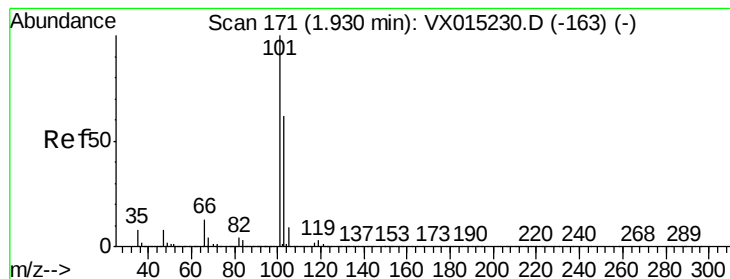
Tgt Ion: 64 Resp: 36192

Ion Ratio Lower Upper

64 100

66 30.2 25.9 38.9



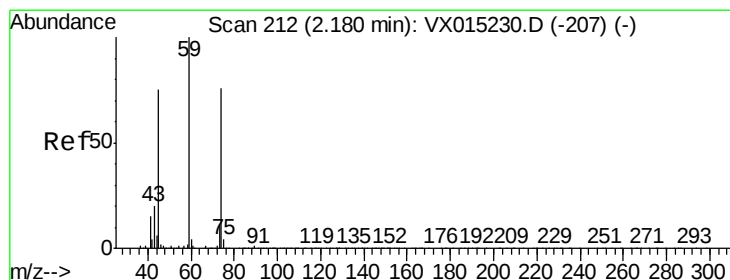
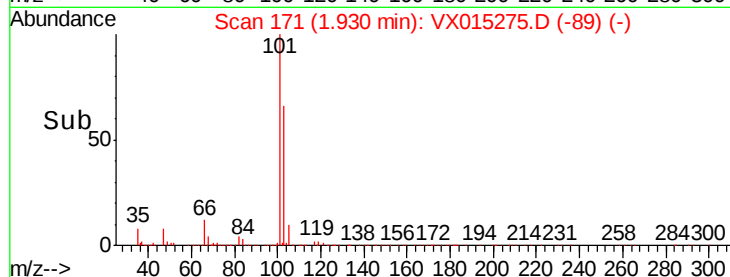
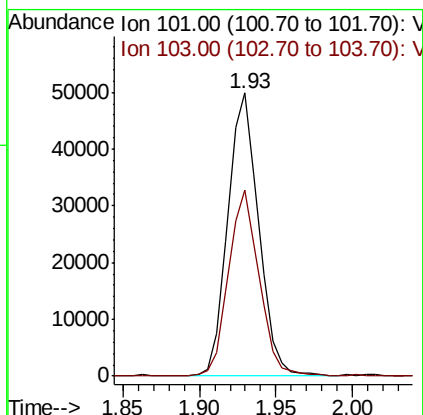
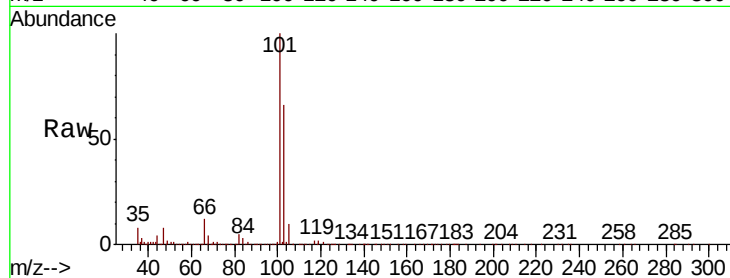


#7

Trichlorofluoromethane
 Concen: 15.142 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

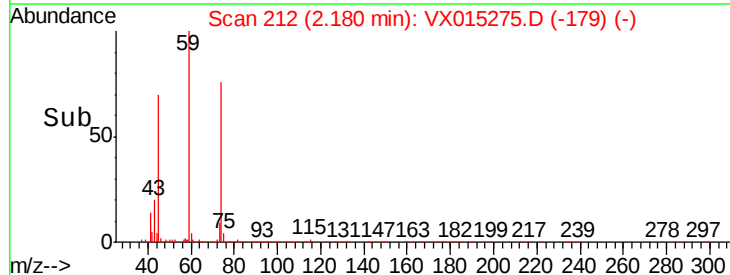
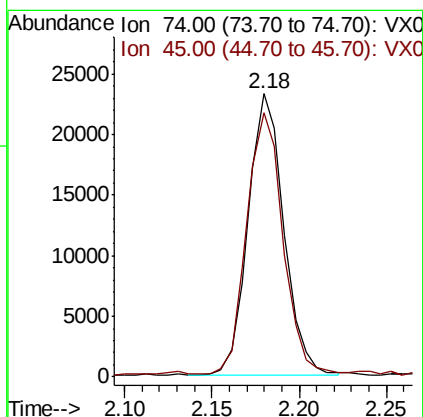
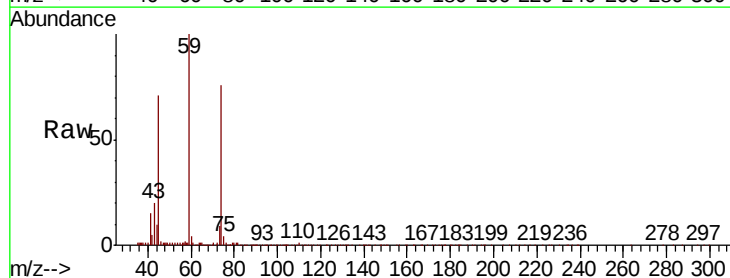
Tot Ion:101 Resp: 69600
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.9 74.9

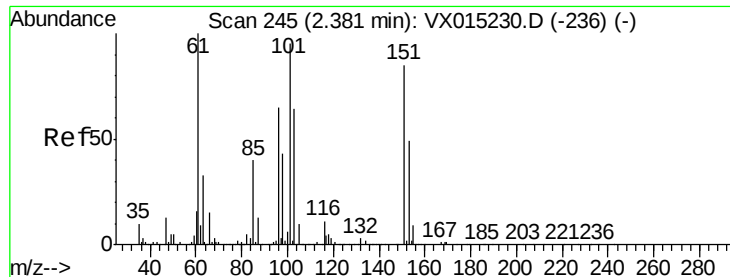


#8

Diethyl Ether
 Concen: 16.245 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion: 74 Resp: 33094
 Ion Ratio Lower Upper
 74 100
 45 95.1 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.532 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

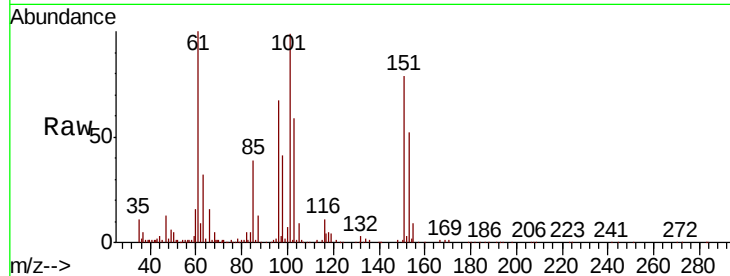
Tot Ion:101 Resp: 43781

Ion Ratio Lower Upper

101 100

85 40.8 0.0 82.0

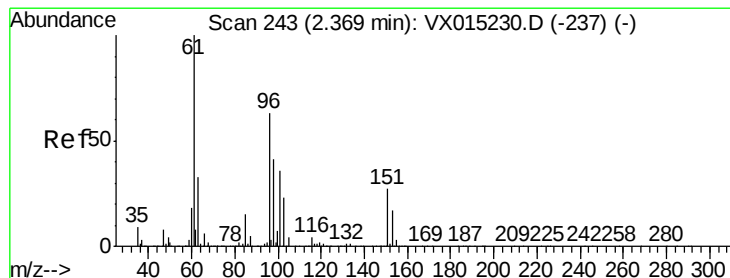
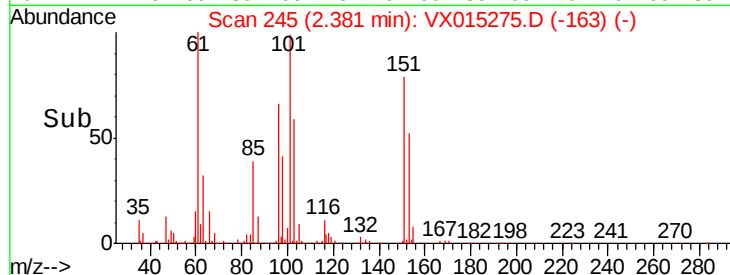
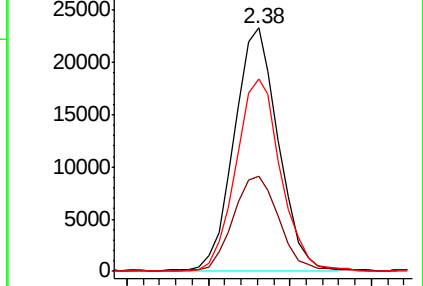
151 80.4 0.0 165.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.269 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

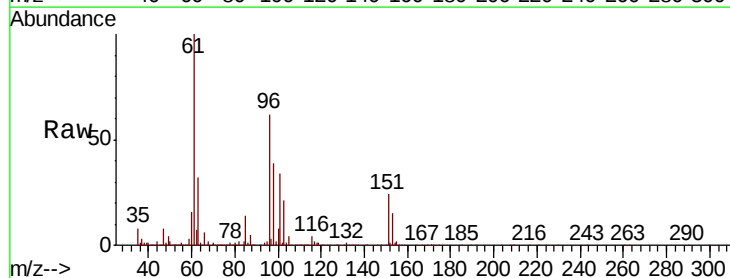
Tgt Ion: 96 Resp: 46235

Ion Ratio Lower Upper

96 100

61 160.4 126.2 189.2

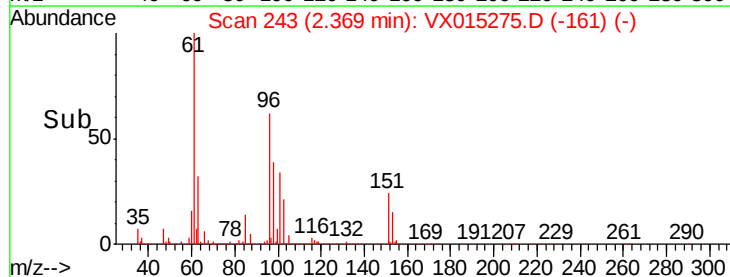
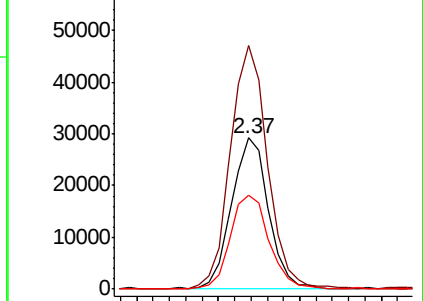
98 62.1 52.1 78.1

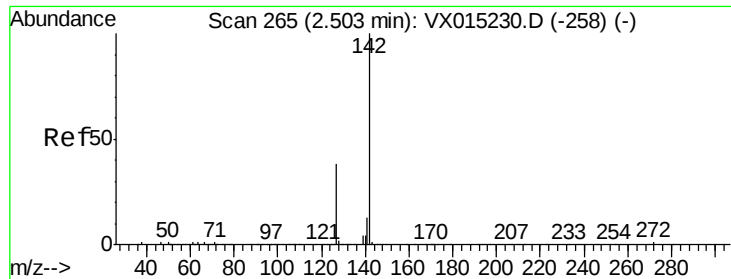


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

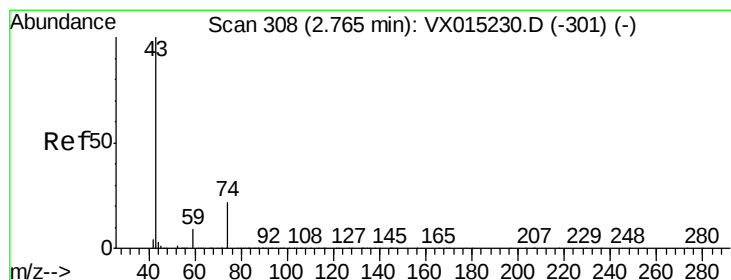
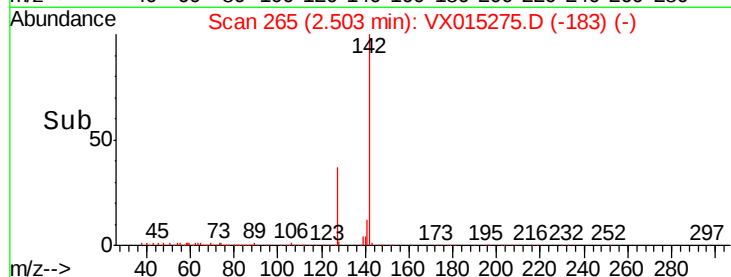
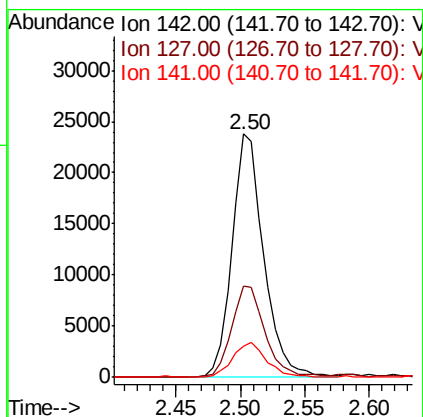
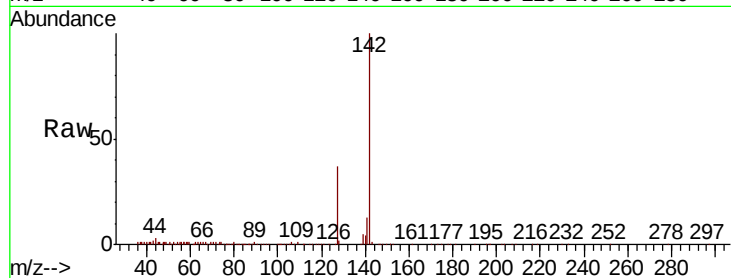




#11
Methvl Iodide
Concen: 13.975 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

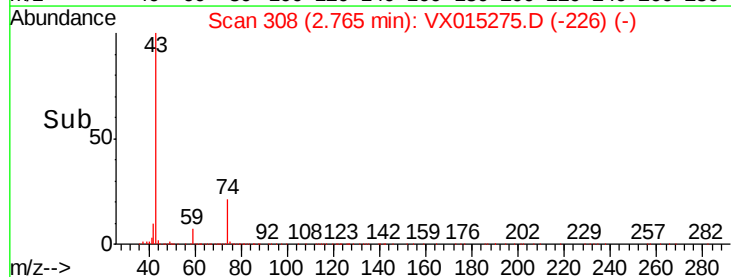
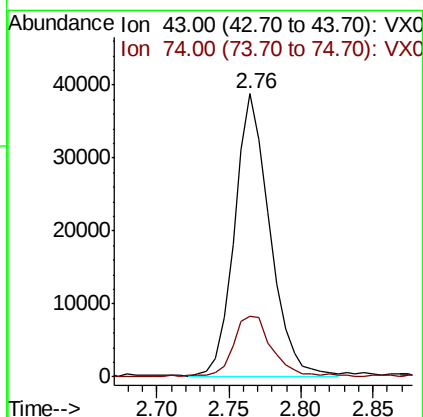
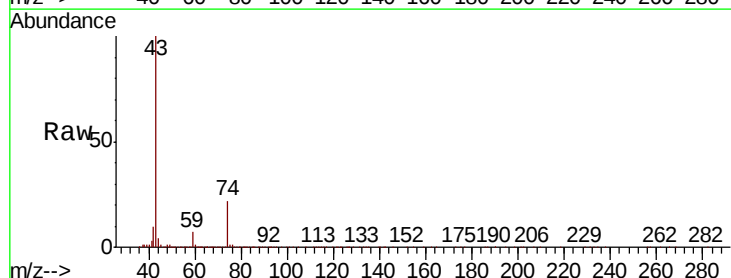
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

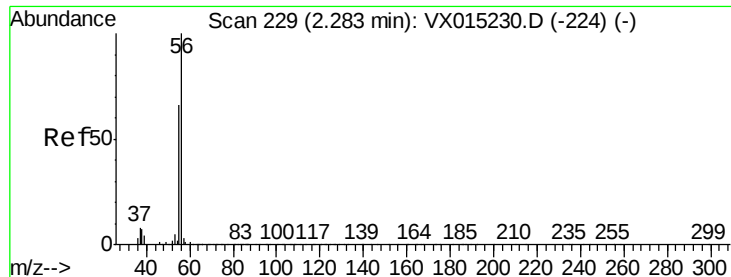
Tot Ion:142 Resp: 40850
Ion Ratio Lower Upper
142 100
127 37.0 18.9 56.9
141 12.5 6.6 19.7



#12
Methyl Acetate
Concen: 18.700 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion: 43 Resp: 65555
Ion Ratio Lower Upper
43 100
74 21.3 18.0 27.0





#13

Acrolein

Concen: 71.258 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

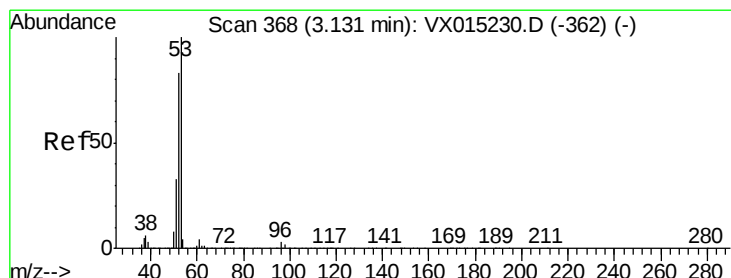
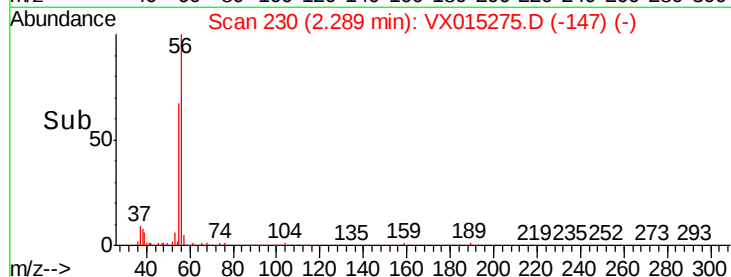
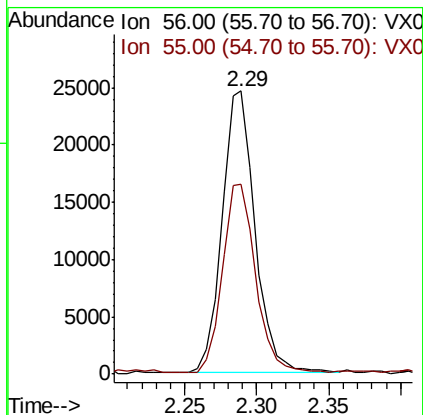
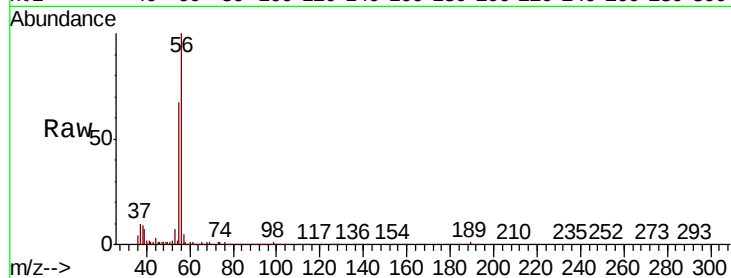
VX0313WBS02

Tot Ion: 56 Resp: 39450

Ion Ratio Lower Upper

56 100

55 67.5 55.1 82.7



#14

Acrylonitrile

Concen: 92.456 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

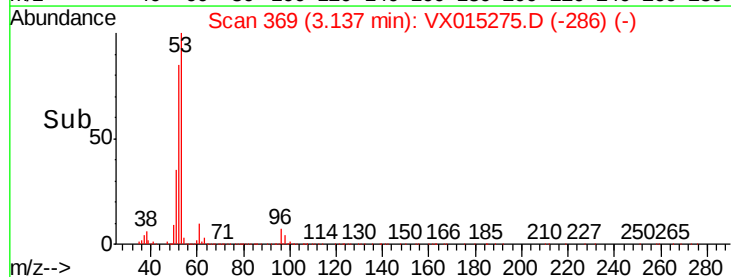
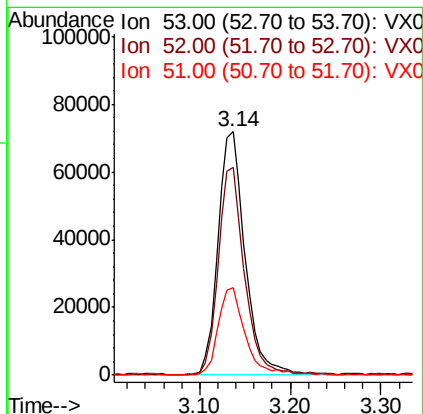
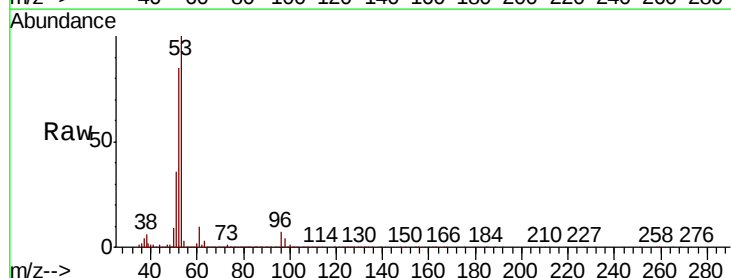
Tgt Ion: 53 Resp: 150405

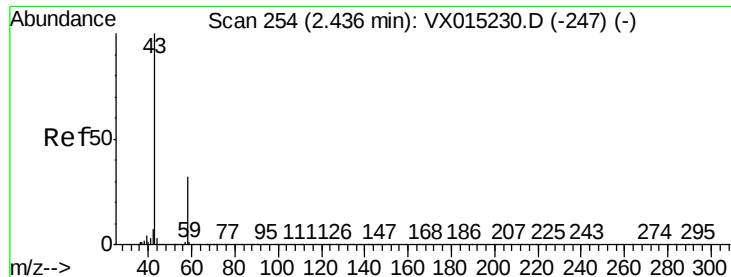
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.5

51 34.7 17.7 53.1





#15

Acetone

Concen: 80.162 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

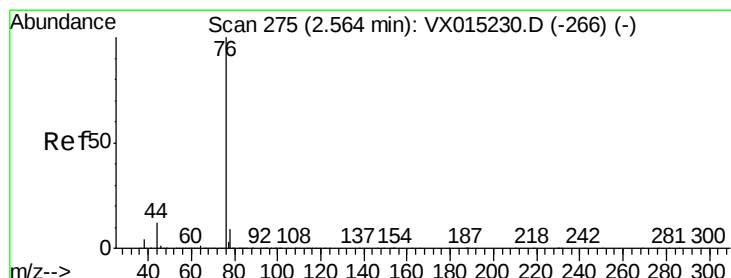
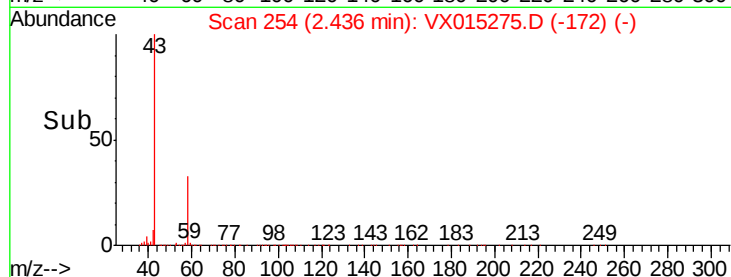
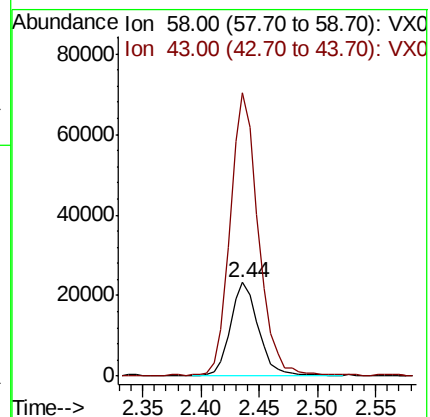
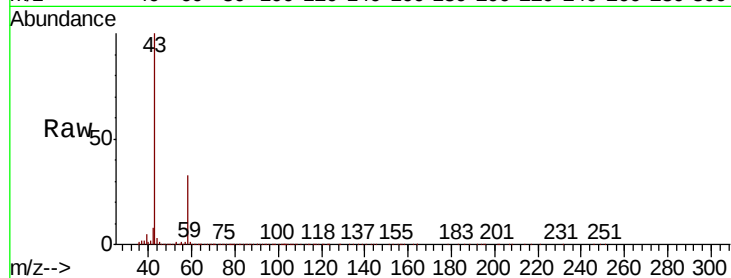
VX0313WBS02

Tot Ion: 58 Resp: 38263

Ion Ratio Lower Upper

58 100

43 302.5 248.7 373.1



#16

Carbon Disulfide

Concen: 16.144 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015275.D

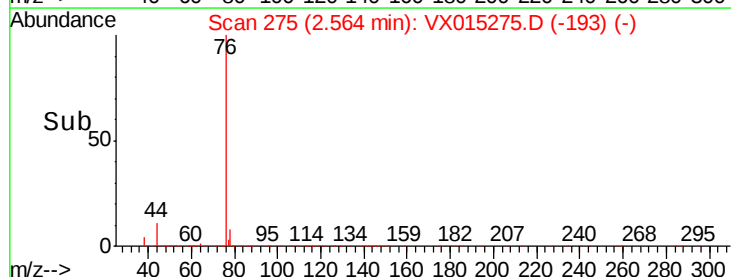
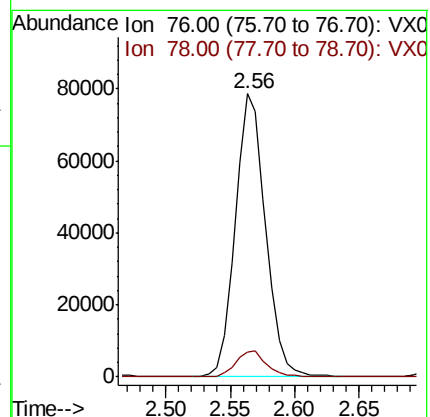
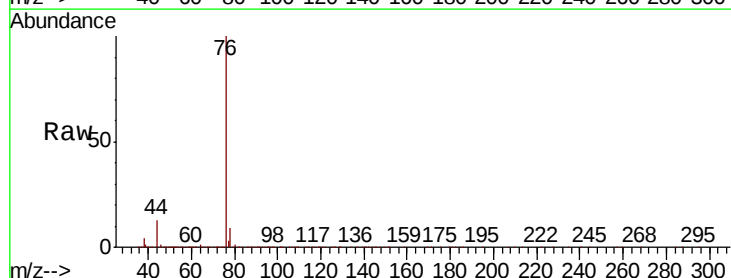
Acq: 13 Mar 2020 22:29

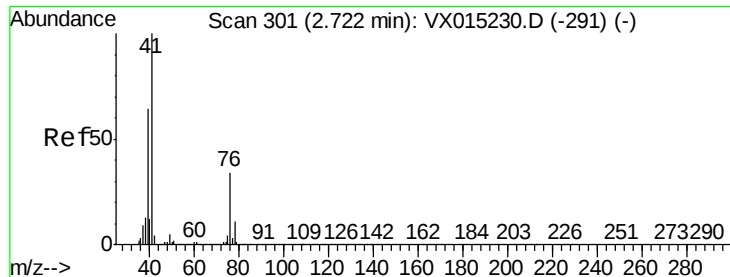
Tgt Ion: 76 Resp: 128477

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9

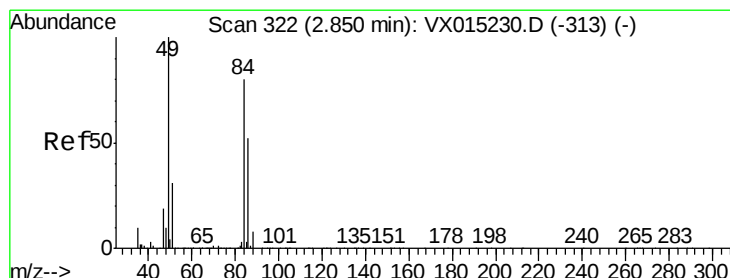
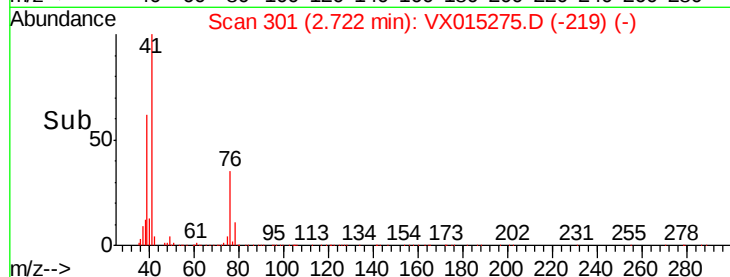
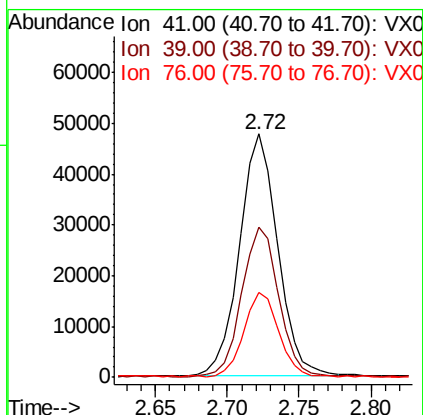
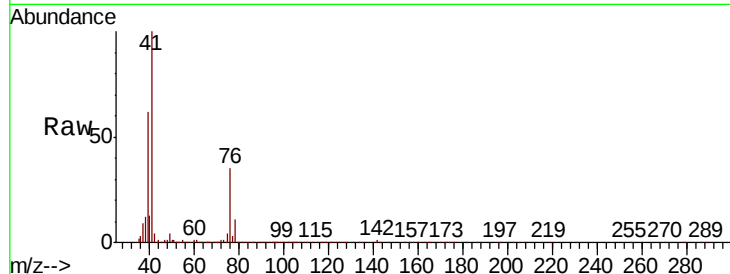




#17
Allvl chloride
Concen: 16.711 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

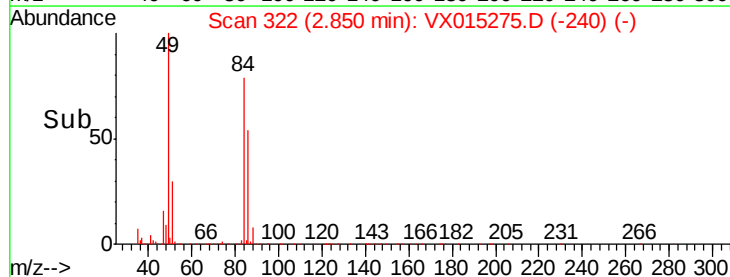
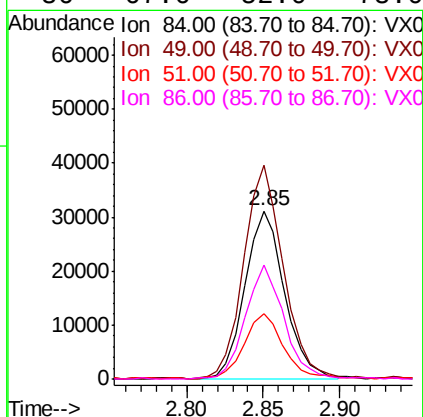
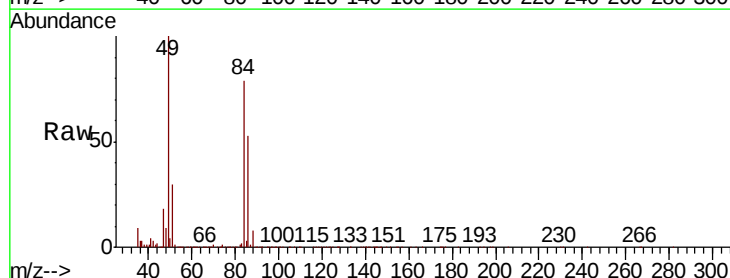
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

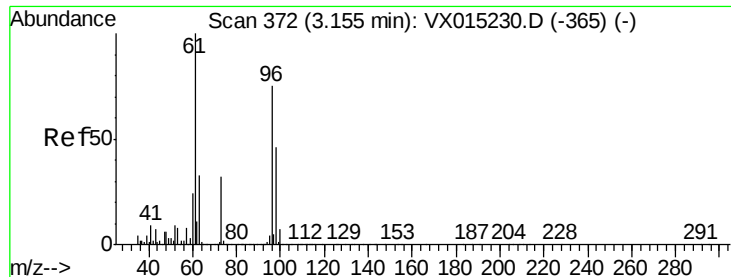
Tot Ion: 41 Resp: 88104
Ion Ratio Lower Upper
41 100
39 61.6 32.1 96.5
76 34.6 17.2 51.5



#18
Methylene Chloride
Concen: 17.424 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion: 84 Resp: 55959
Ion Ratio Lower Upper
84 100
49 127.0 99.5 149.3
51 38.4 31.0 46.6
86 67.6 52.0 78.0





#19

trans-1,2-Dichloroethene

Concen: 17.008 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

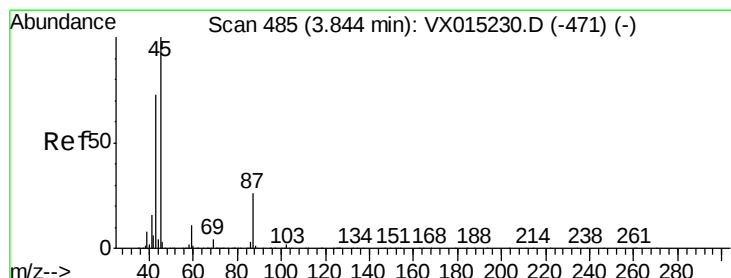
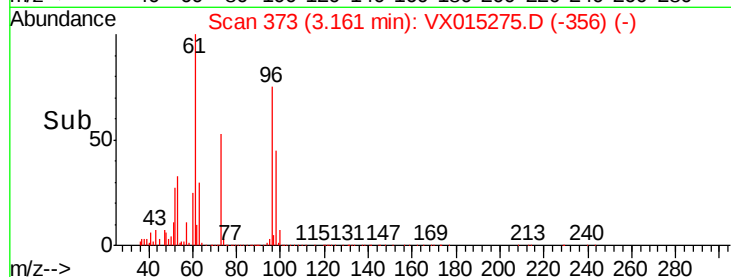
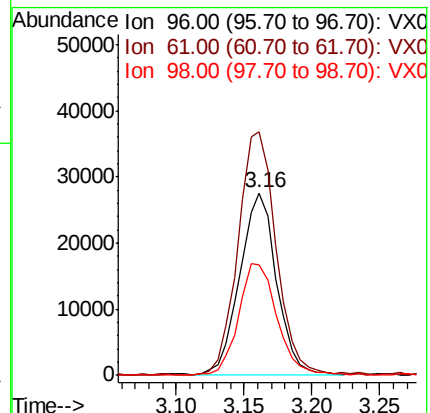
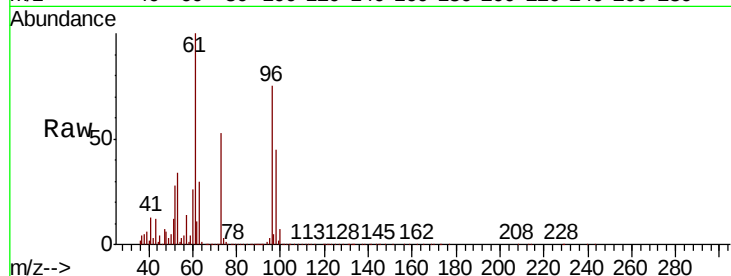
Tot Ion: 96 Resp: 52137

Ion Ratio Lower Upper

96 100

61 133.2 106.3 159.5

98 60.5 49.1 73.7



#20

Diisopropyl ether

Concen: 17.763 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Tgt Ion: 45 Resp: 186039

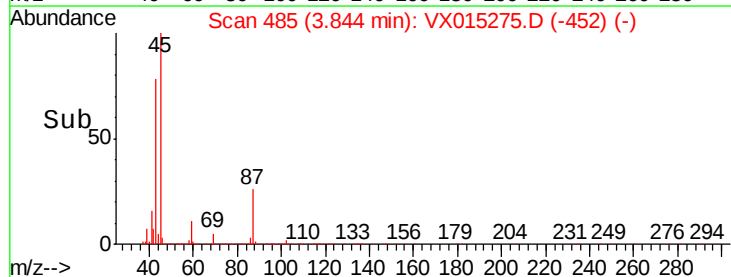
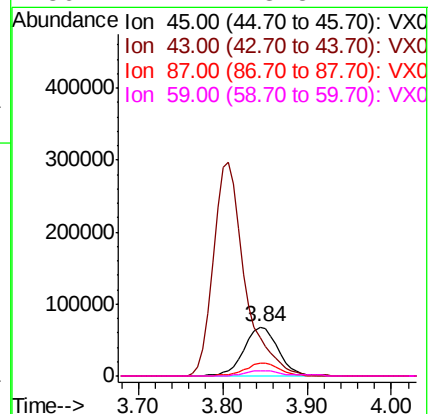
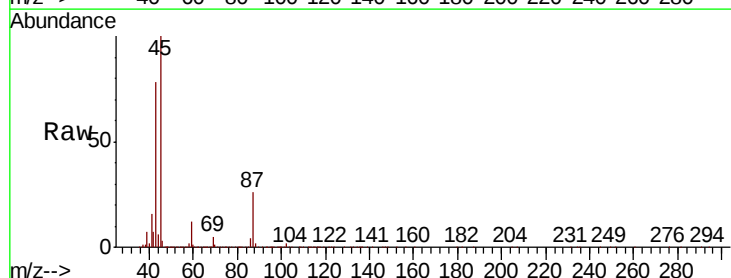
Ion Ratio Lower Upper

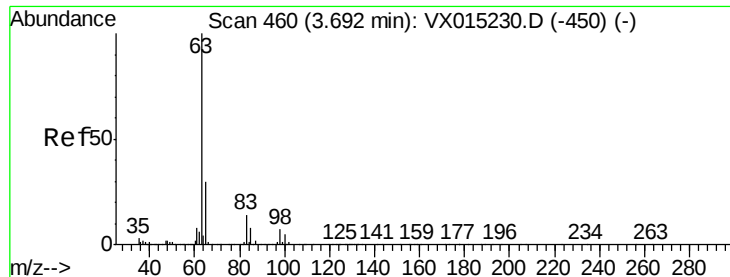
45 100

43 77.3 58.6 87.8

87 26.2 21.0 31.4

59 11.2 8.5 12.7





#21

1,1-Dichloroethane

Concen: 17.604 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

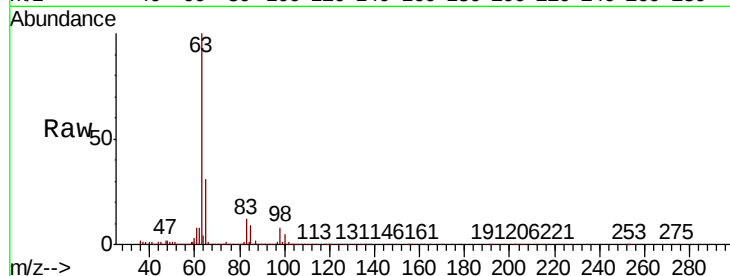
Tot Ion: 63 Resp: 97689

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

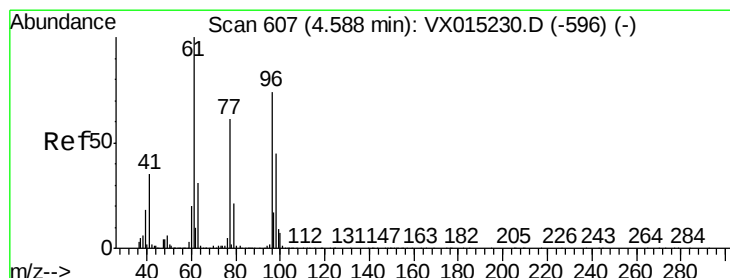
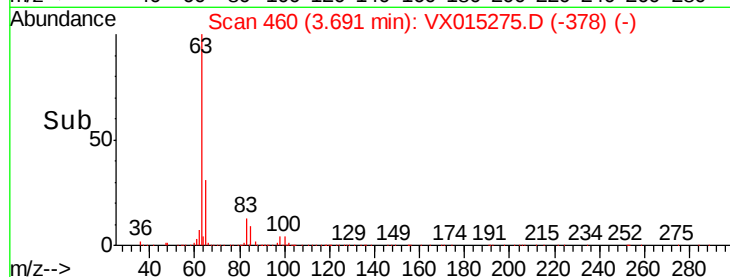
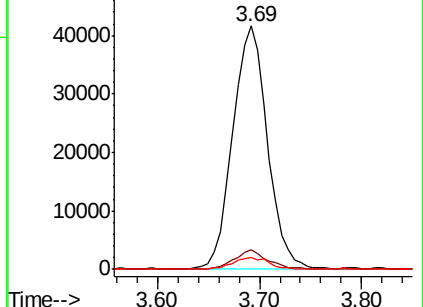
100 4.8 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 17.654 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

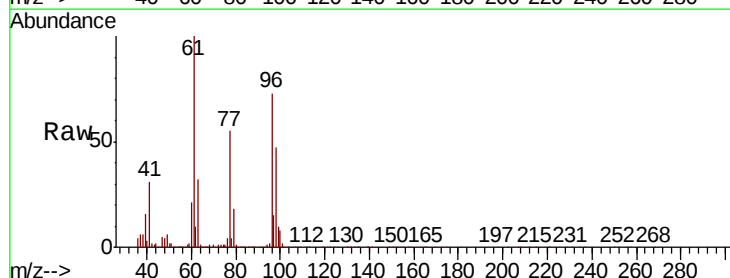
Tgt Ion: 96 Resp: 61171

Ion Ratio Lower Upper

96 100

61 140.7 111.4 167.0

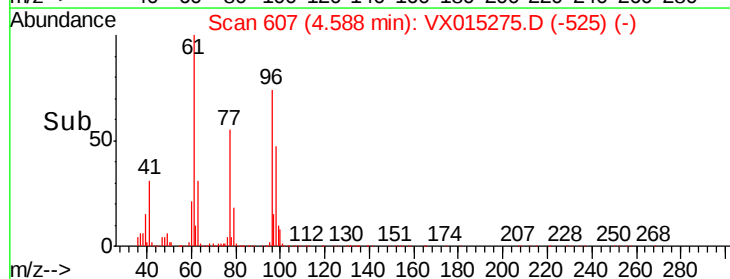
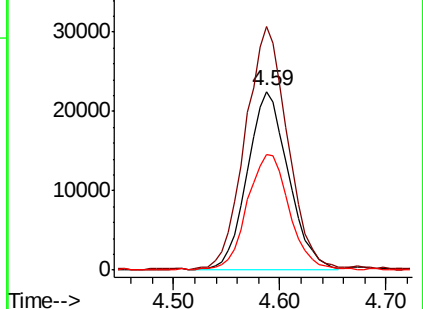
98 65.0 50.1 75.1

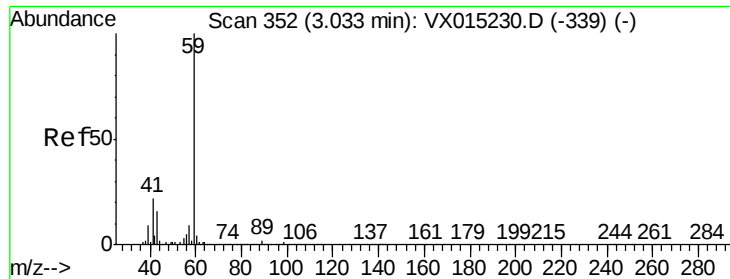


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 91.633 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

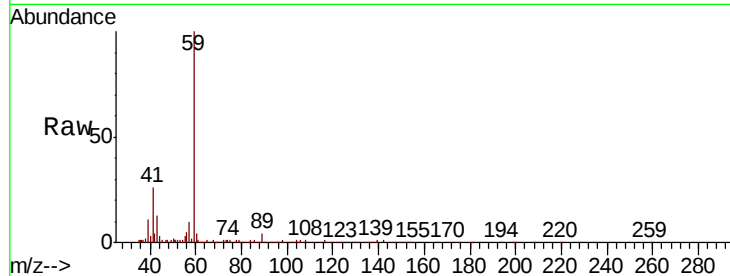
VX0313WBS02

Tot Ion: 59 Resp: 58280

Ion Ratio Lower Upper

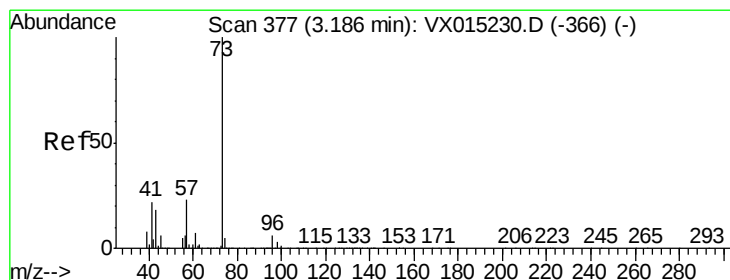
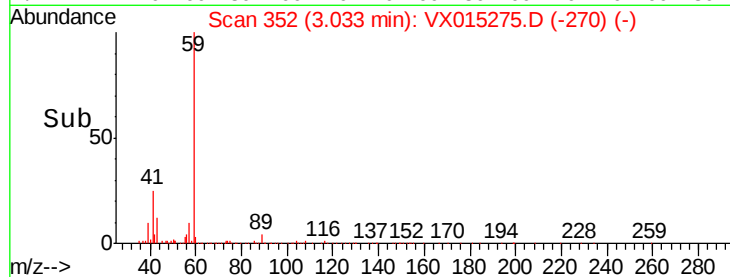
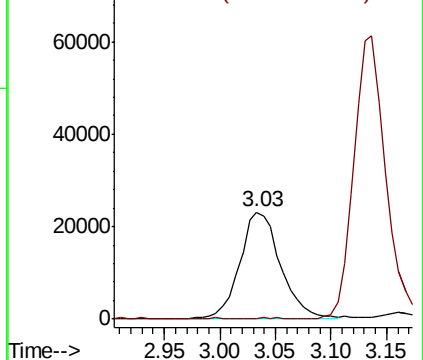
59 100

52 0.1 0.4 0.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 17.410 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015275.D

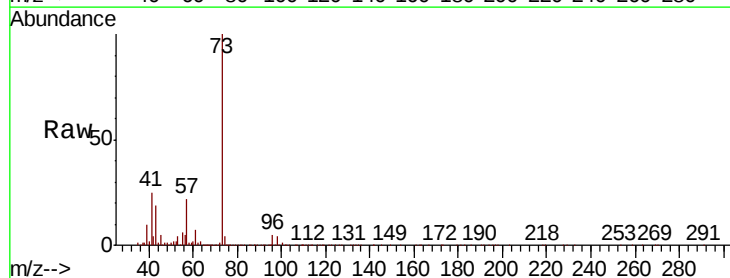
Acq: 13 Mar 2020 22:29

Tgt Ion: 73 Resp: 159863

Ion Ratio Lower Upper

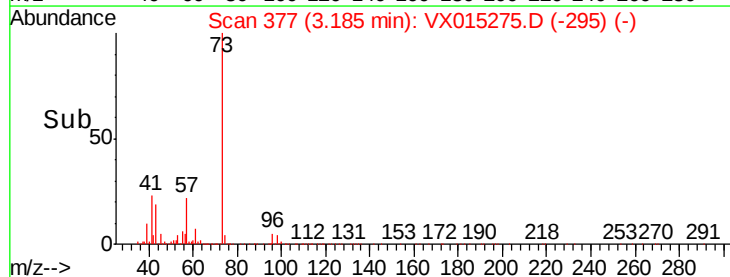
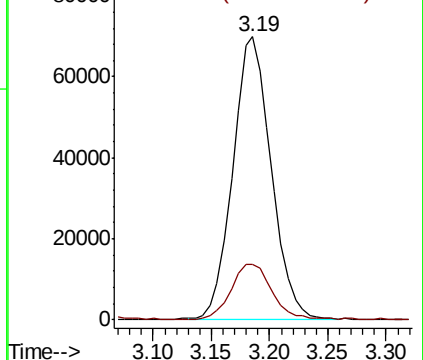
73 100

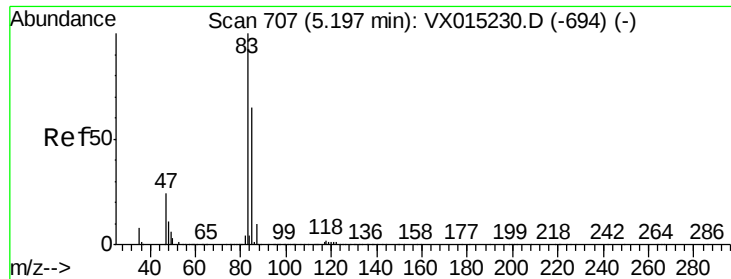
43 21.1 15.9 23.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.381 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

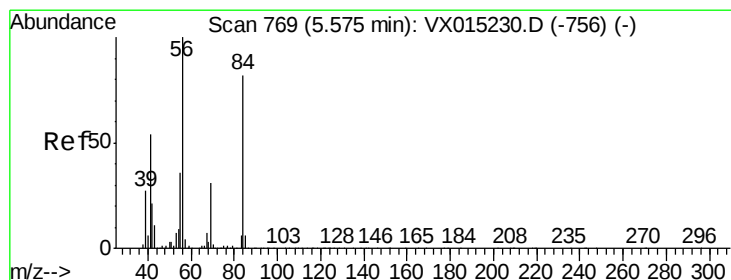
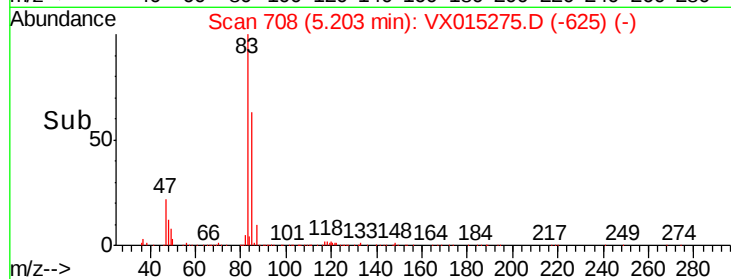
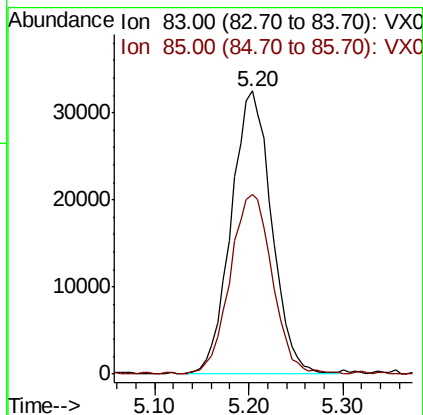
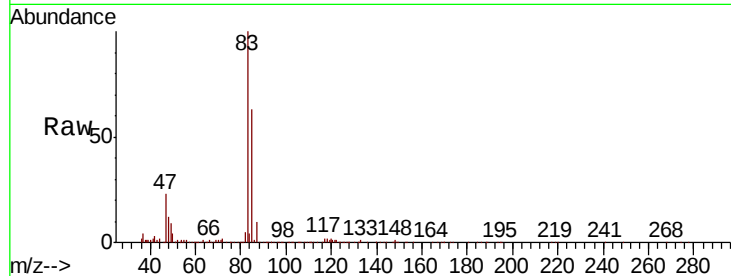
VX0313WBS02

Tot Ion: 83 Resp: 97033

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.2



#26

Cyclohexane

Concen: 17.748 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

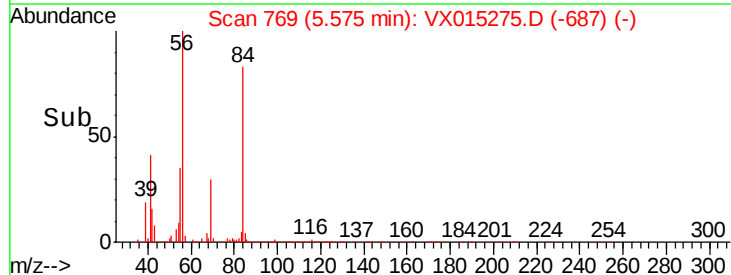
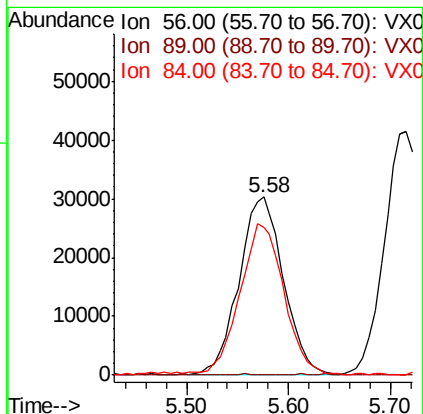
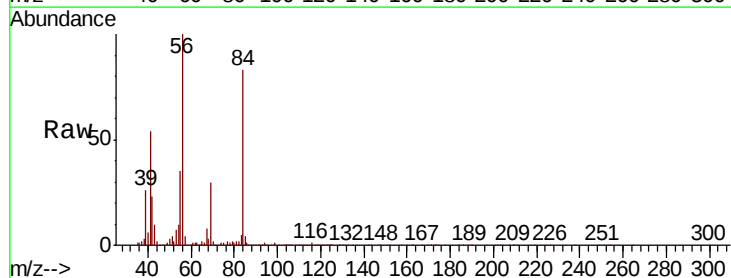
Tgt Ion: 56 Resp: 91529

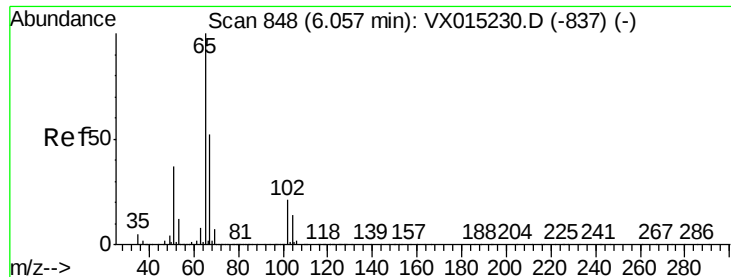
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 83.0 68.2 102.4





#27

1,2-Dichloroethane-d4

Concen: 31.054 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

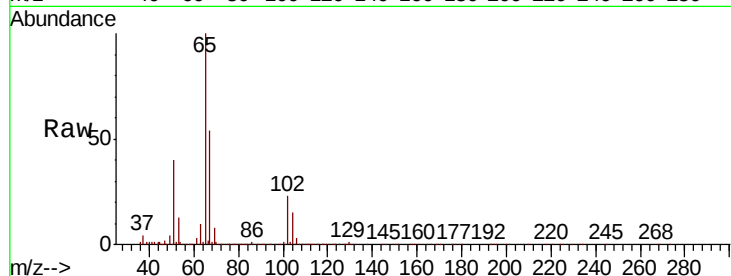
VX0313WBS02

Tot Ion: 65 Resp: 102221

Ion Ratio Lower Upper

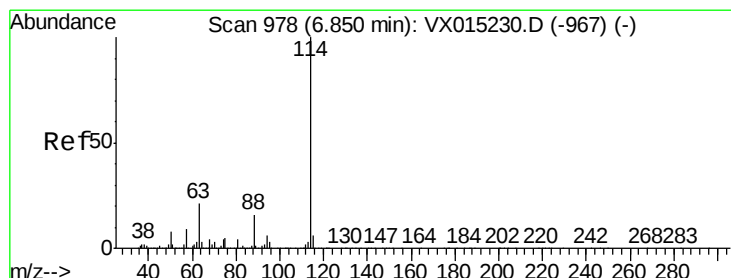
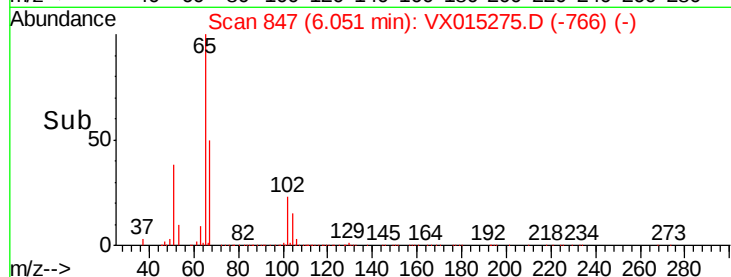
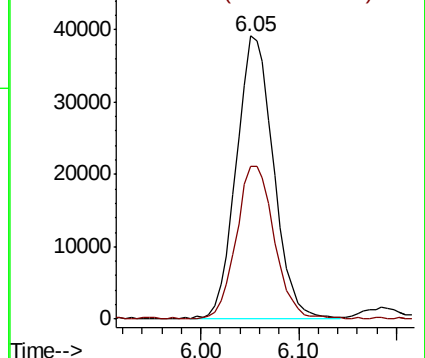
65 100

67 55.9 43.5 65.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

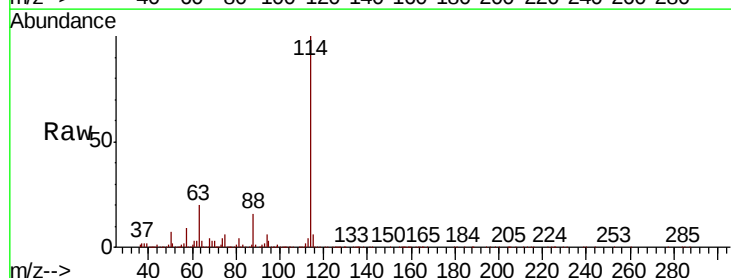
Tgt Ion: 114 Resp: 282199

Ion Ratio Lower Upper

114 100

63 20.1 16.6 24.8

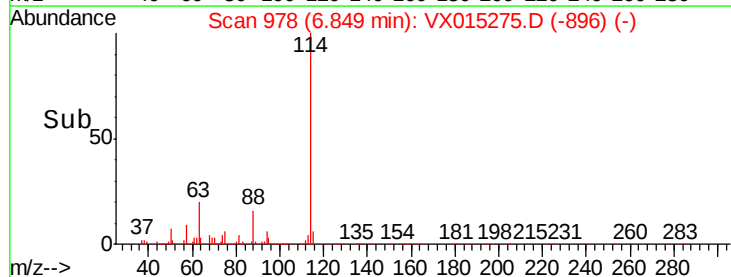
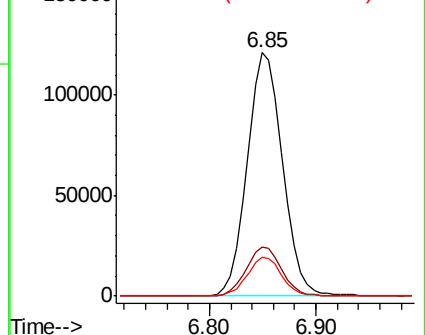
88 15.6 12.6 19.0

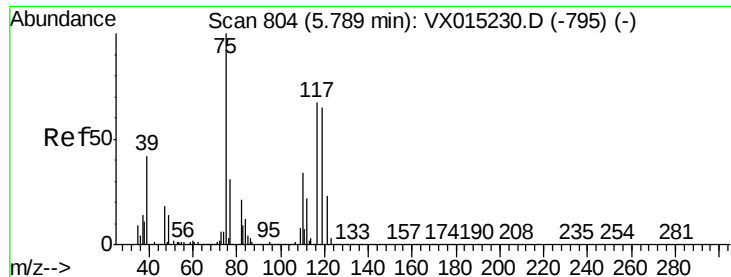


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 17.536 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

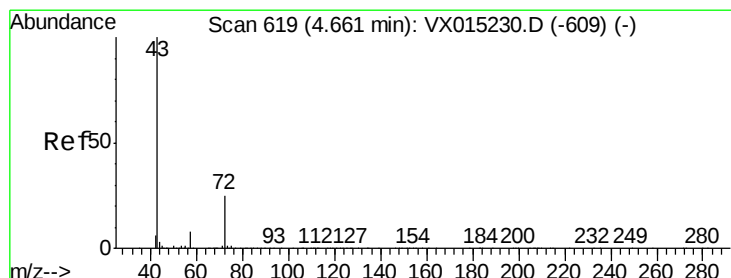
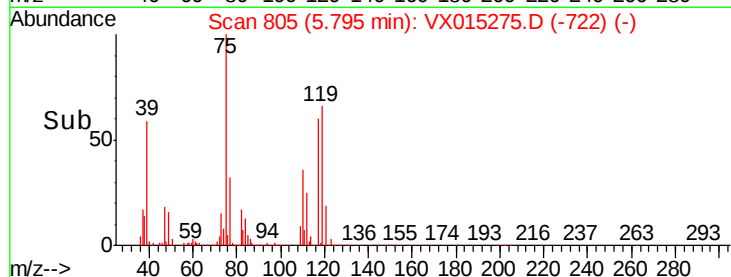
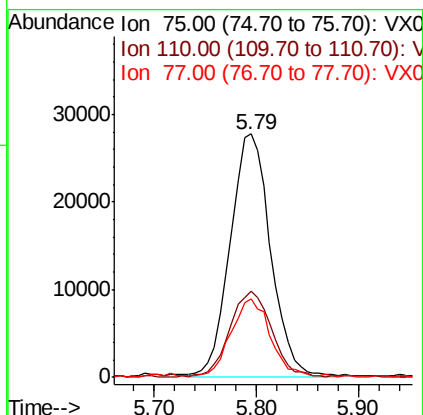
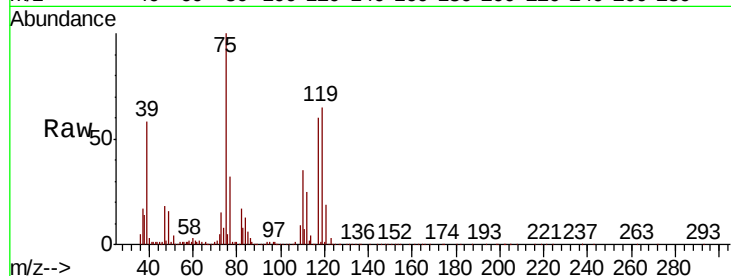
Tot Ion: 75 Resp: 75937

Ion Ratio Lower Upper

75 100

110 37.3 0.0 73.6

77 31.1 0.0 63.4



#30

2-Butanone

Concen: 89.490 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

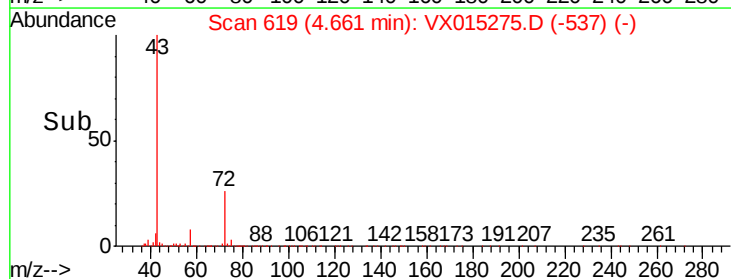
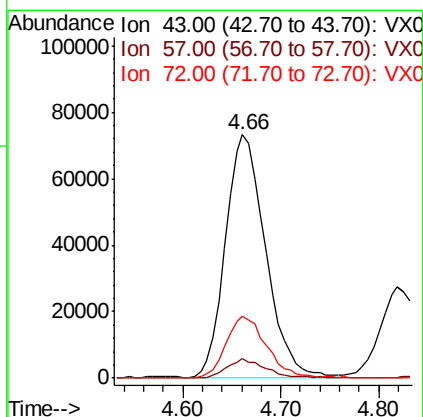
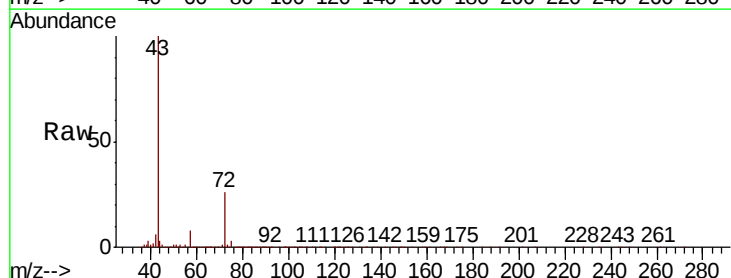
Tgt Ion: 43 Resp: 207535

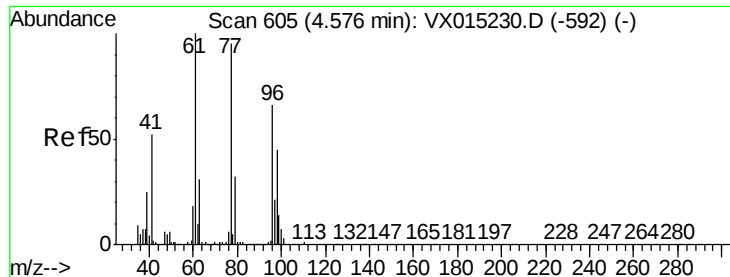
Ion Ratio Lower Upper

43 100

57 7.3 6.4 9.6

72 25.1 19.9 29.9





#31

2,2-Dichloropropane

Concen: 13.757 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

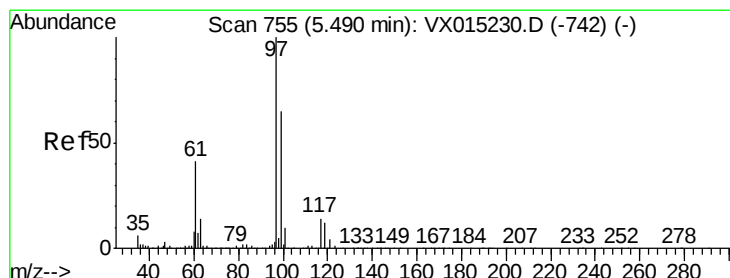
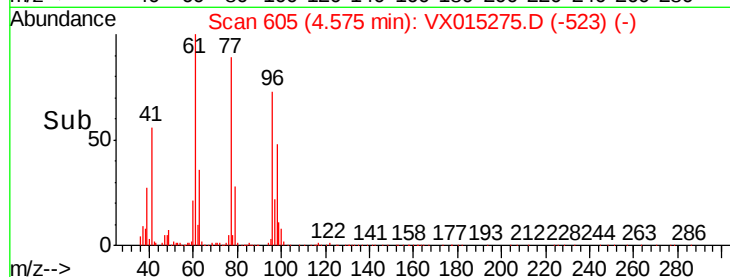
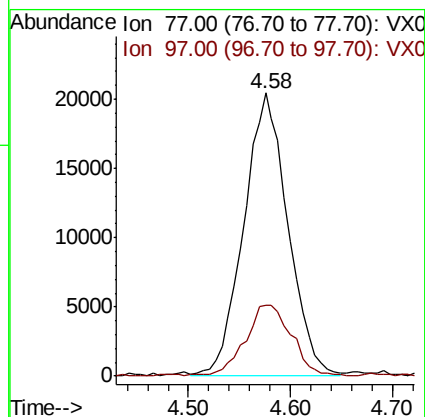
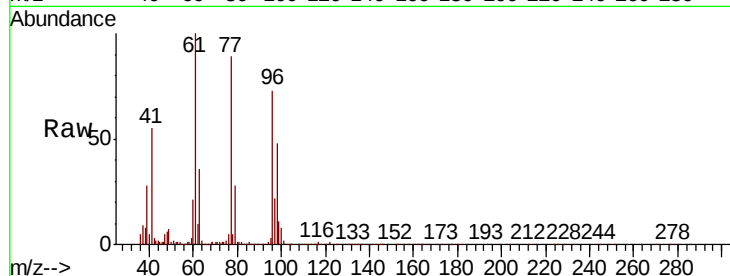
VX0313WBS02

Tot Ion: 77 Resp: 61201

Ion Ratio Lower Upper

77 100

97 26.6 19.8 29.6



#32

1,1,1-Trichloroethane

Concen: 17.396 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

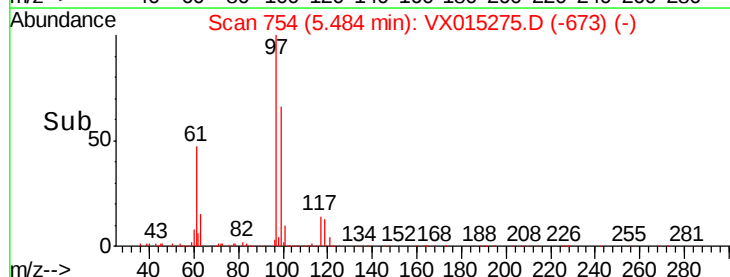
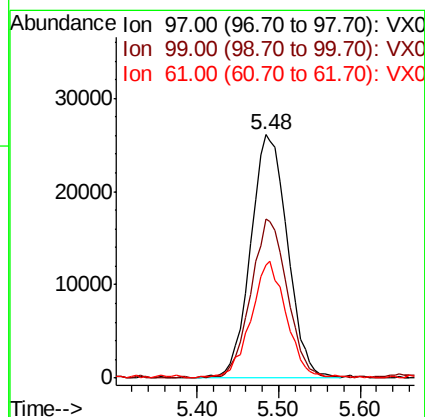
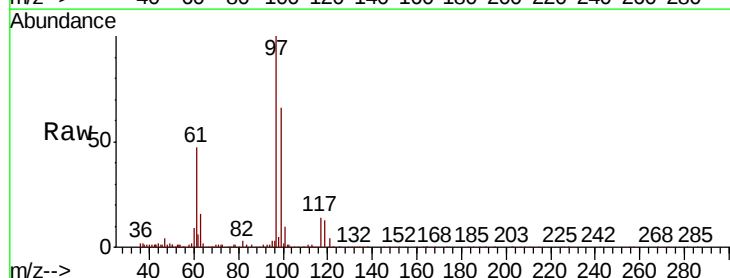
Tgt Ion: 97 Resp: 81981

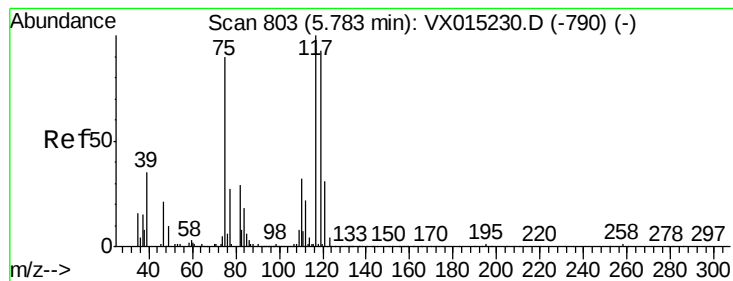
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 46.1 35.0 52.6





#33

Carbon Tetrachloride

Concen: 17.355 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

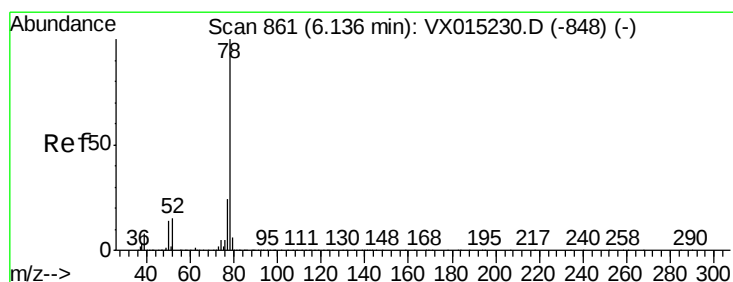
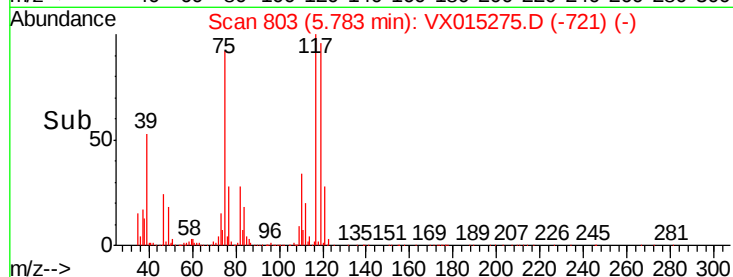
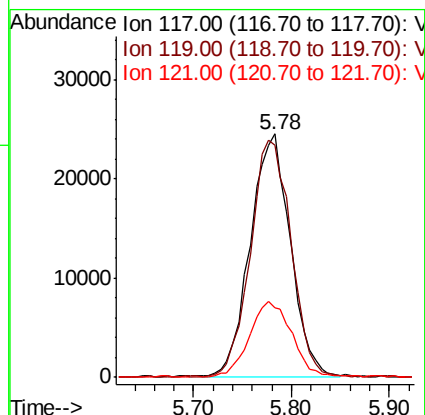
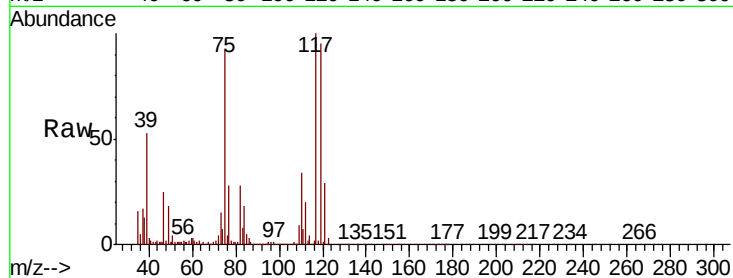
Tot Ion:117 Resp: 69991

Ion Ratio Lower Upper

117 100

119 94.9 74.2 111.4

121 28.8 24.3 36.5



#34

Benzene

Concen: 18.595 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

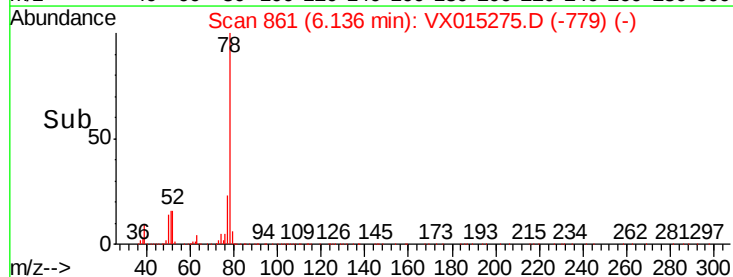
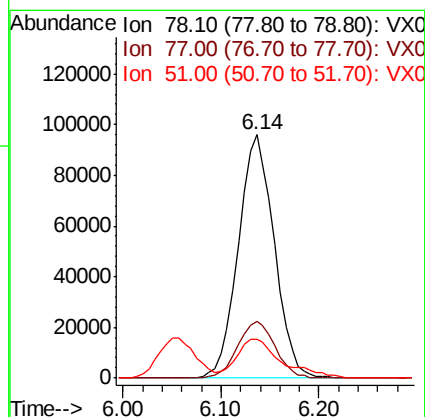
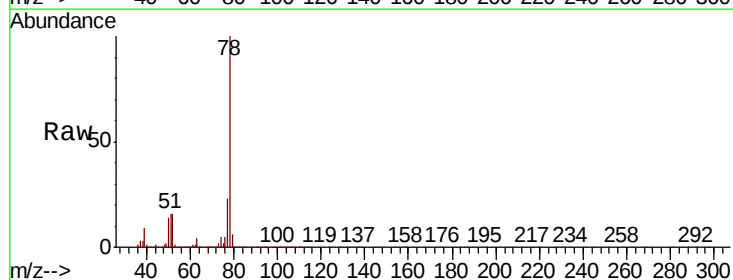
Tgt Ion: 78 Resp: 244011

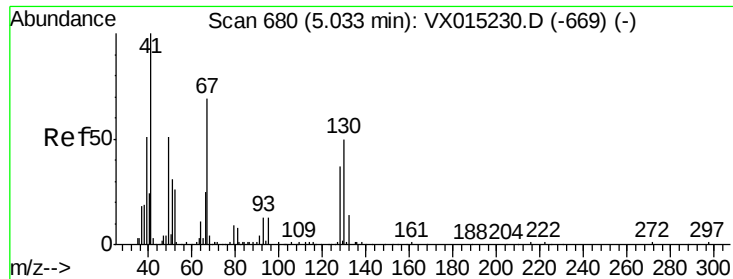
Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

51 15.3 13.4 20.2

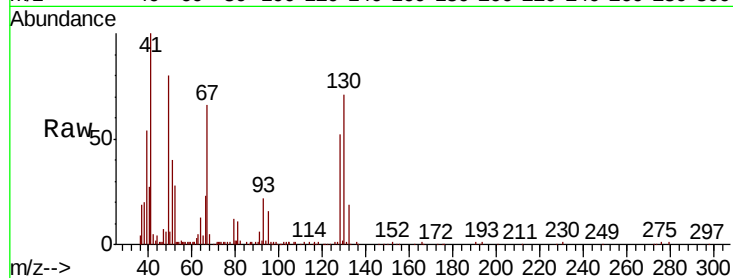




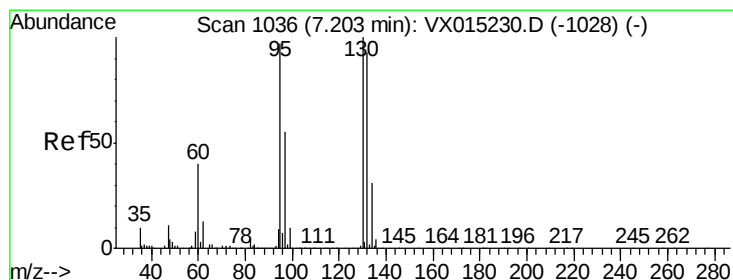
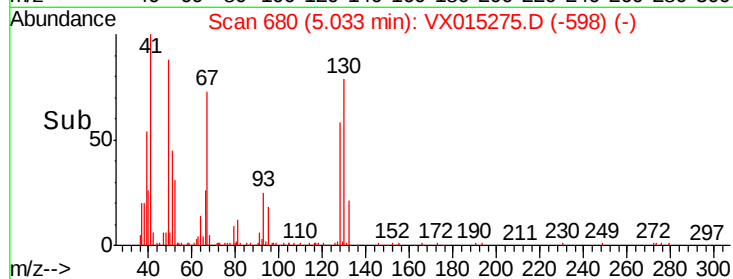
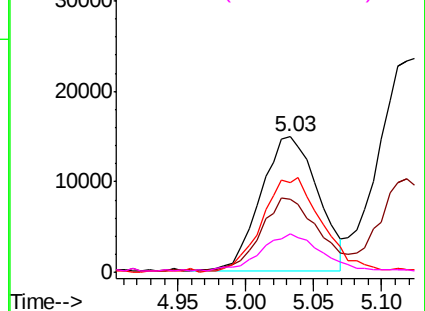
#35
Methacrylonitrile
Concen: 17.502 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion:	41	Resp:	43882
Ion	Ratio	Lower	Upper
41	100		
39	52.0	25.7	77.1
67	63.9	34.3	102.8
52	27.2	12.9	38.6

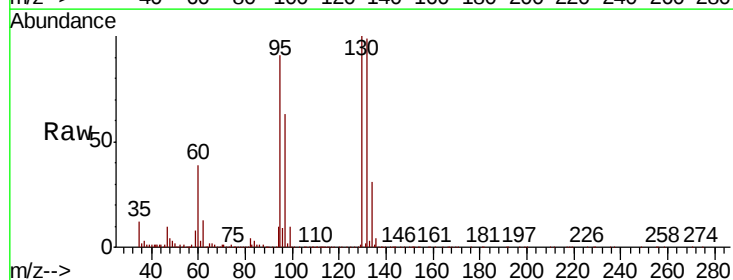


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

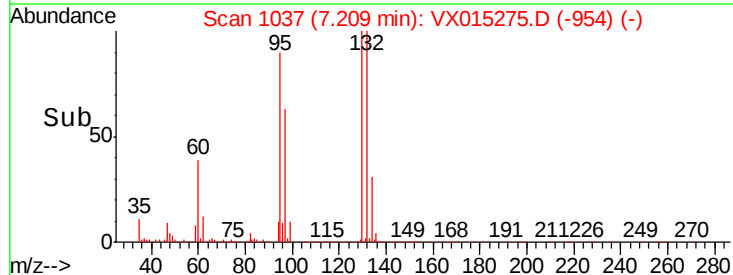
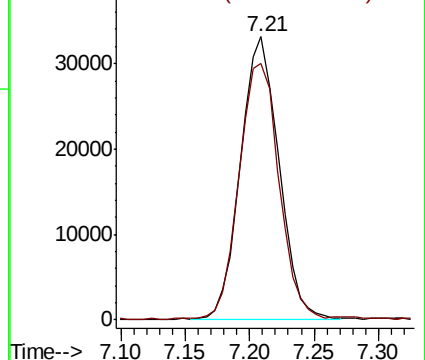


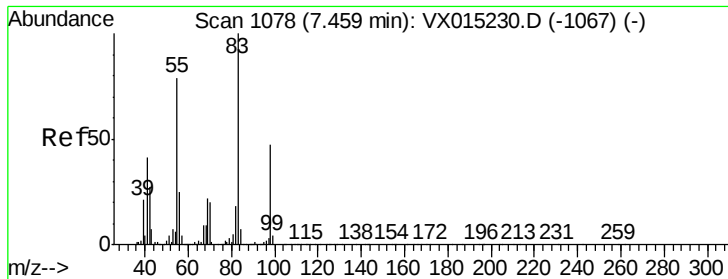
#37
Trichloroethene
Concen: 18.953 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion:	130	Resp:	68781
Ion	Ratio	Lower	Upper
130	100		
95	90.4	77.4	116.0



Abundance Ion 129.90 (129.60 to 130.60): V
Ion 94.90 (94.60 to 95.60): VX0

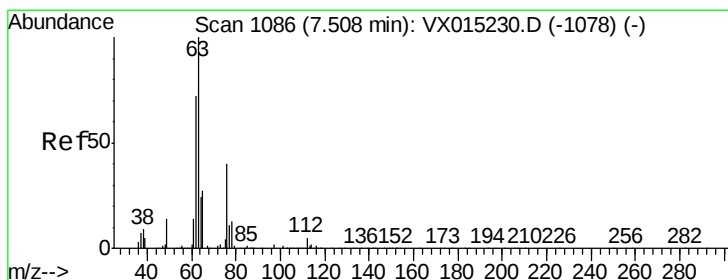
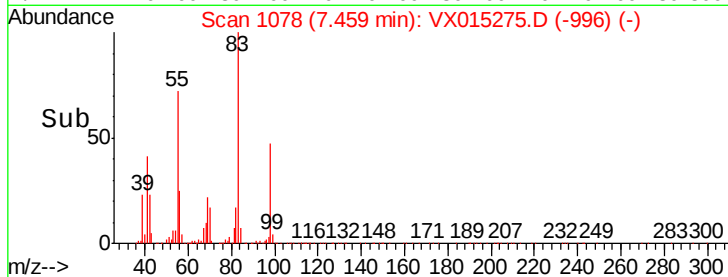
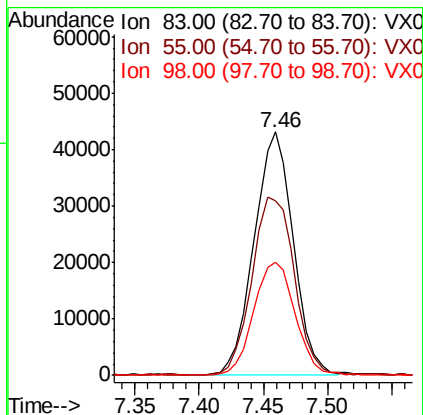
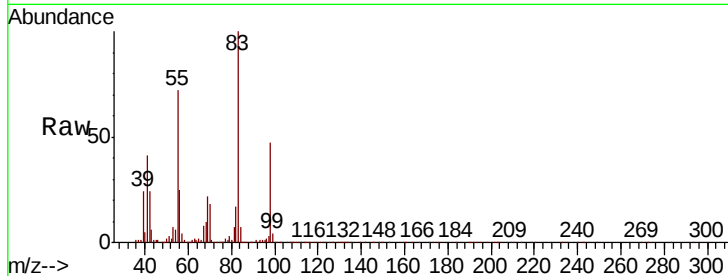




#38
Methvlcvclohexane
Concen: 17.297 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

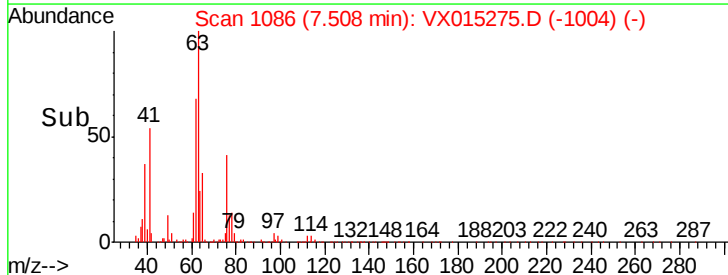
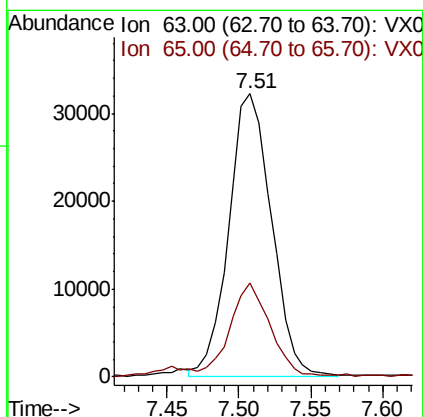
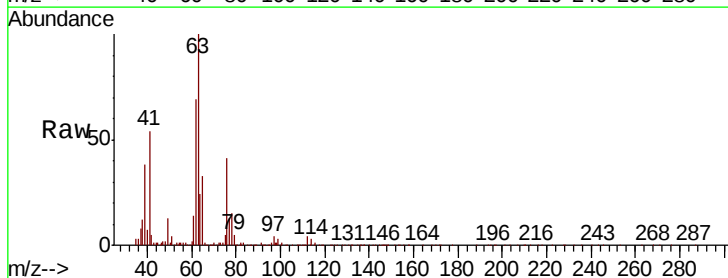
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

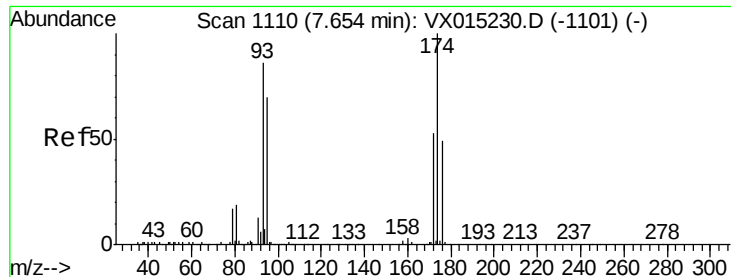
Tot Ion: 83 Resp: 91013
Ion Ratio Lower Upper
83 100
55 78.7 39.1 117.2
98 48.2 24.4 73.2



#39
1,2-Dichloropropane
Concen: 19.514 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion: 63 Resp: 66149
Ion Ratio Lower Upper
63 100
65 32.9 23.2 34.8





#40

Dibromomethane

Concen: 19.423 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

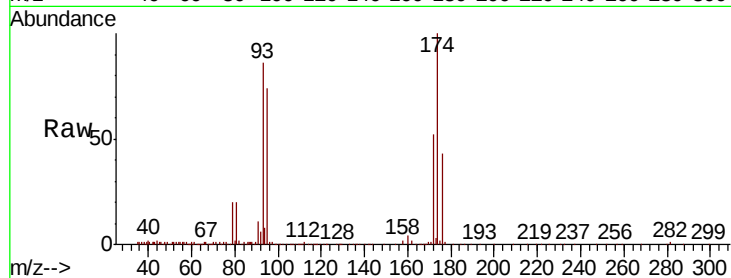
Tot Ion: 93 Resp: 41846

Ion Ratio Lower Upper

93 100

95 82.8 0.0 162.6

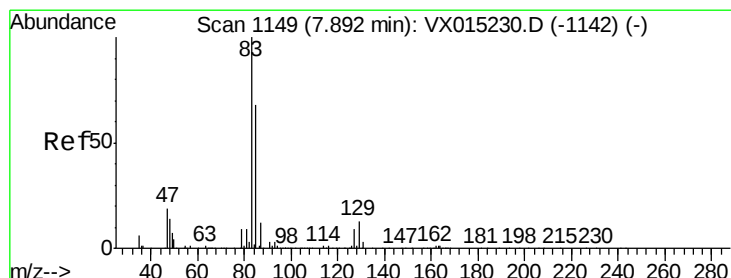
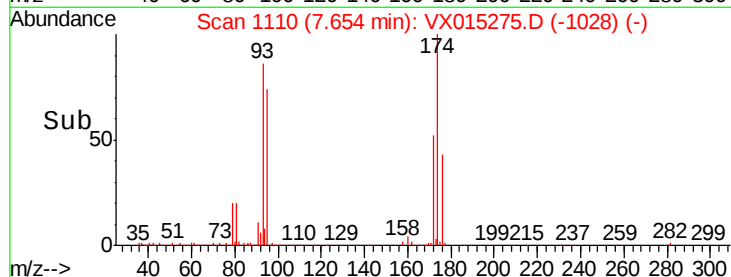
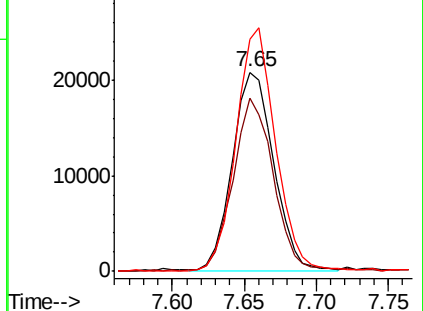
174 116.6 0.0 233.6



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 19.404 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

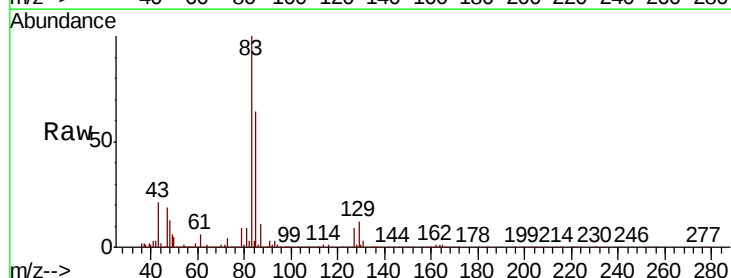
Tgt Ion: 83 Resp: 82684

Ion Ratio Lower Upper

83 100

85 64.0 54.2 81.4

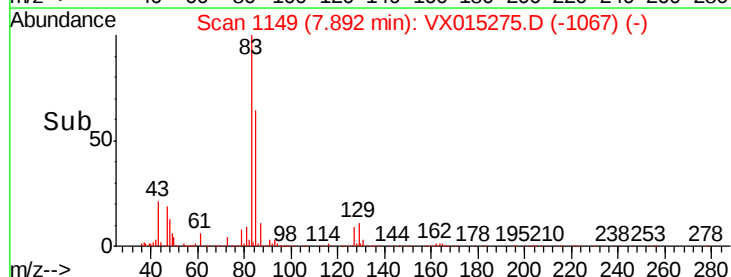
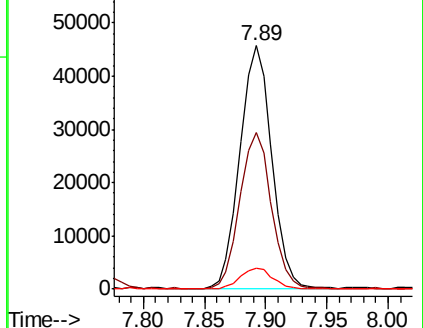
127 8.8 7.1 10.7

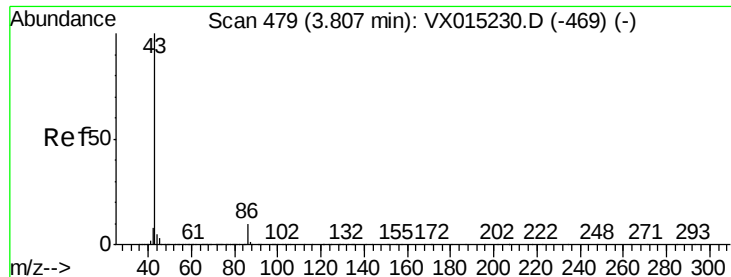


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 83.977 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

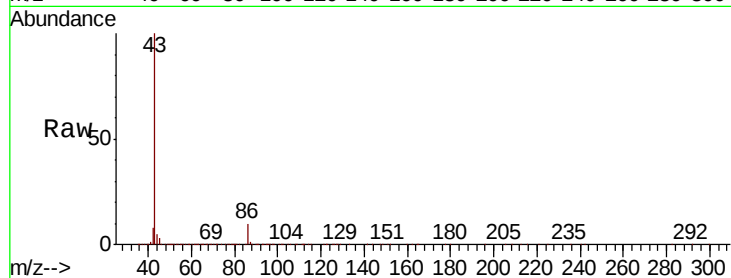
VX0313WBS02

Tot Ion: 43 Resp: 767995

Ion Ratio Lower Upper

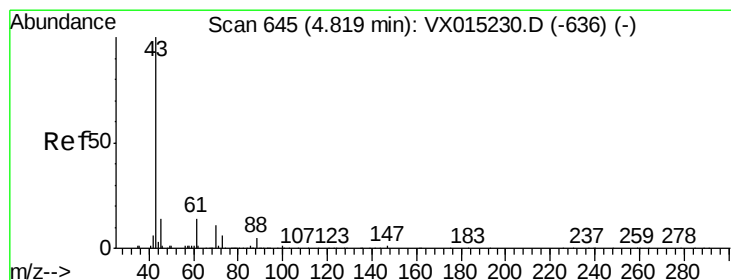
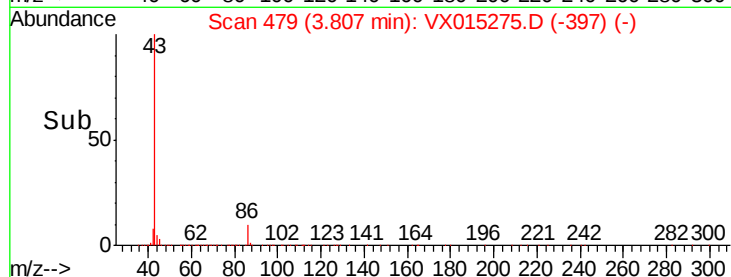
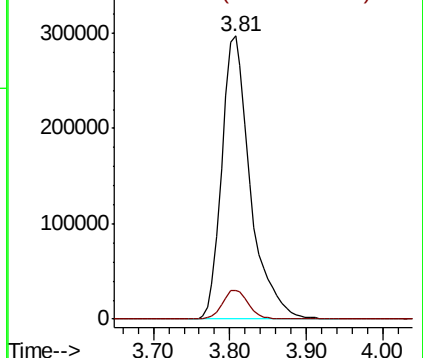
43 100

86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#43

Ethyl Acetate

Concen: 18.919 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX015275.D

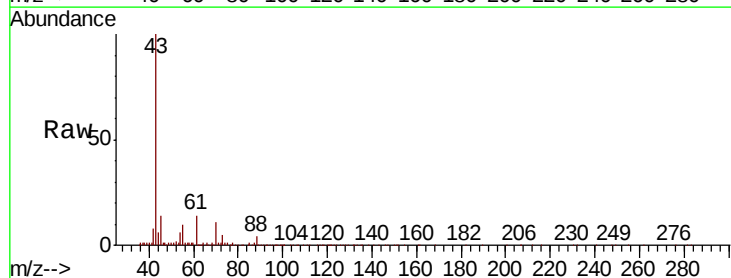
Acq: 13 Mar 2020 22:29

Tgt Ion: 43 Resp: 83246

Ion Ratio Lower Upper

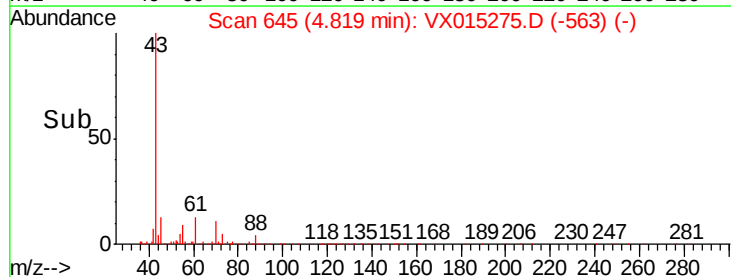
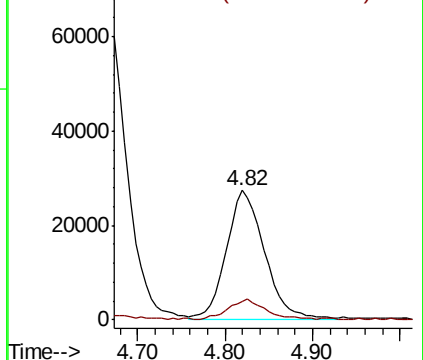
43 100

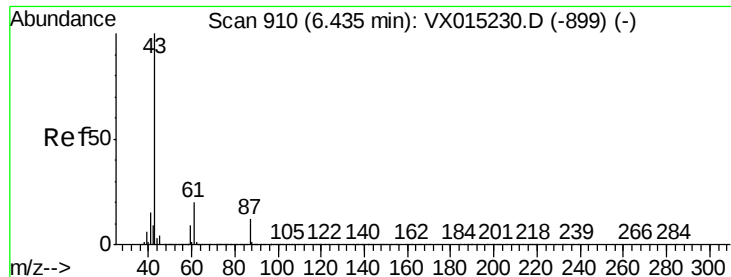
45 13.5 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#44

Isopropyl Acetate

Concen: 19.434 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

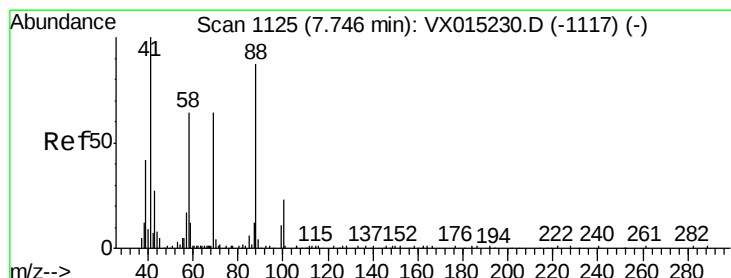
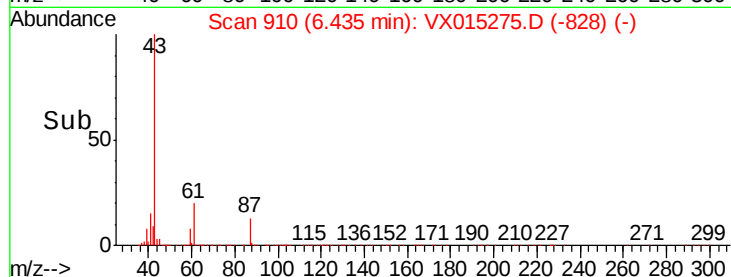
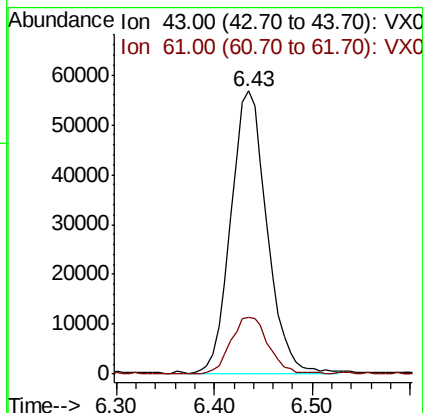
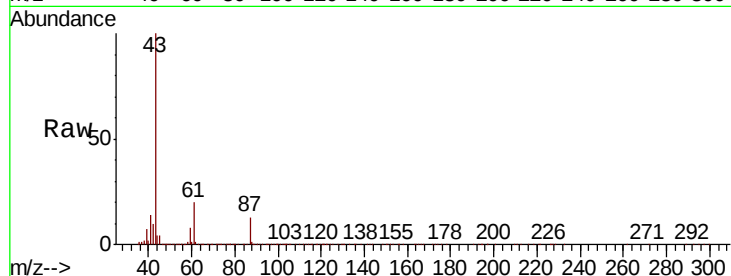
VX0313WBS02

Tot Ion: 43 Resp: 144636

Ion Ratio Lower Upper

43 100

61 20.7 17.0 25.4



#45

1,4-Dioxane

Concen: 423.182 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

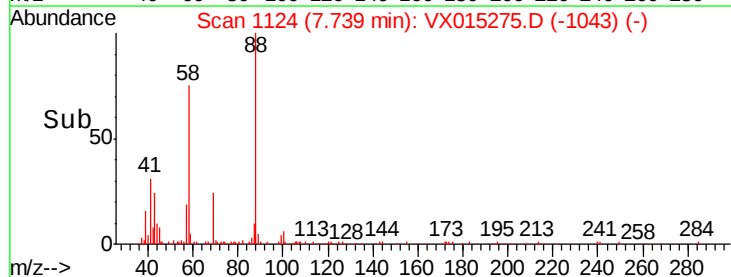
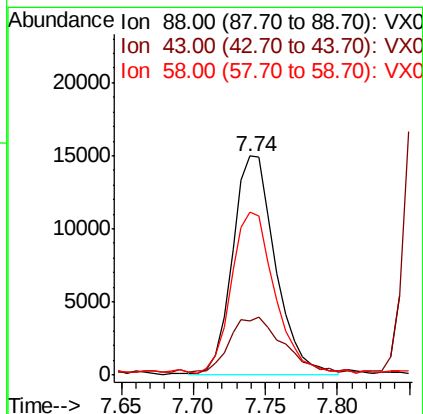
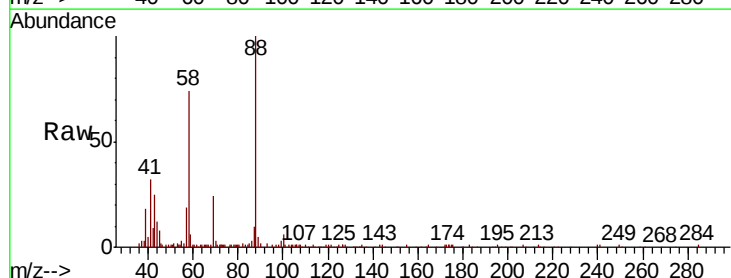
Tgt Ion: 88 Resp: 30933

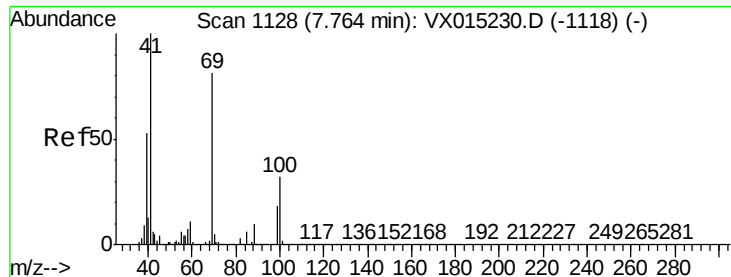
Ion Ratio Lower Upper

88 100

43 29.8 26.4 39.6

58 75.4 57.3 85.9

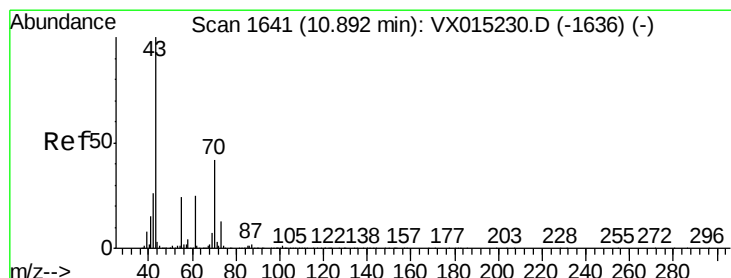
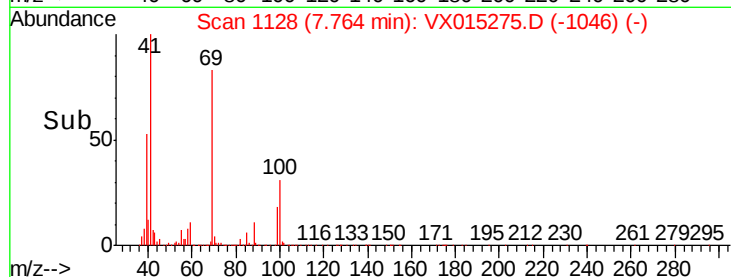
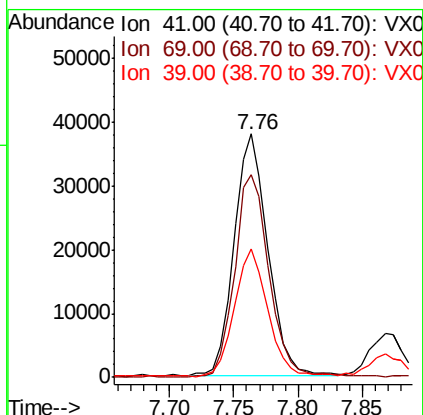
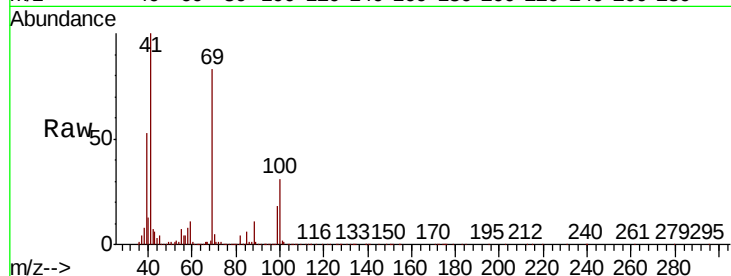




#46
Methyl methacrylate
Concen: 18.867 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

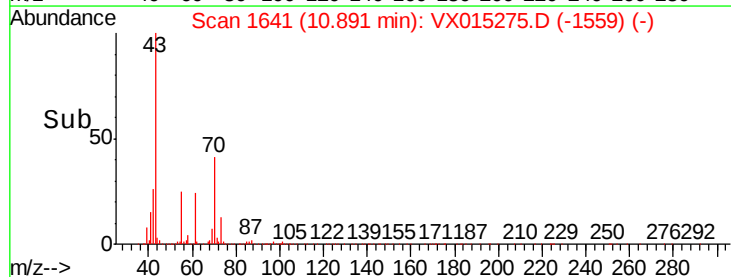
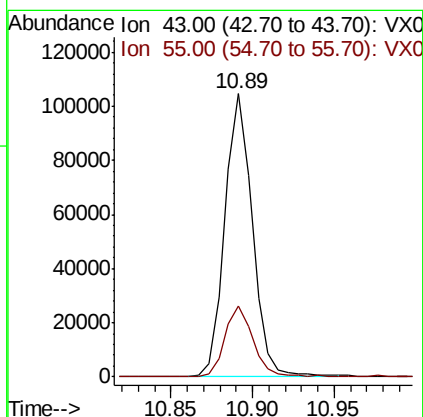
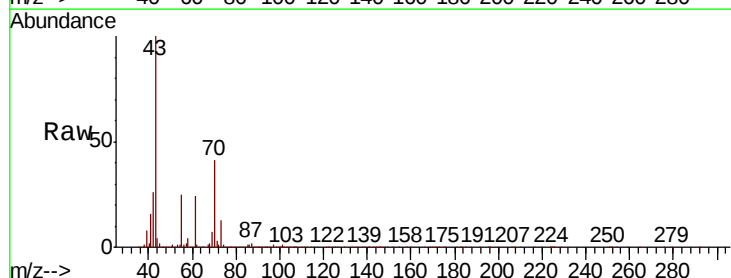
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

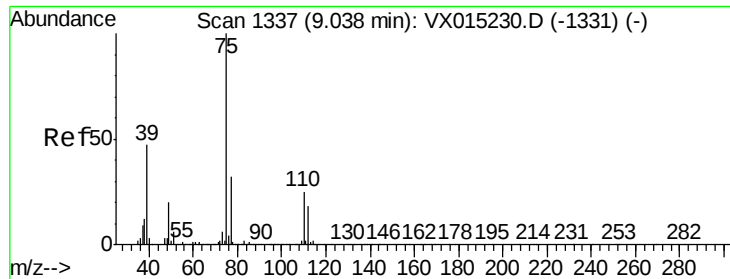
Tot Ion: 41 Resp: 69241
Ion Ratio Lower Upper
41 100
69 83.4 40.5 121.4
39 52.6 26.6 79.8



#47
n-ethyl acetate
Concen: 18.296 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion: 43 Resp: 122186
Ion Ratio Lower Upper
43 100
55 25.4 20.4 30.6





#48

t-1,3-Dichloropropene

Concen: 18.918 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

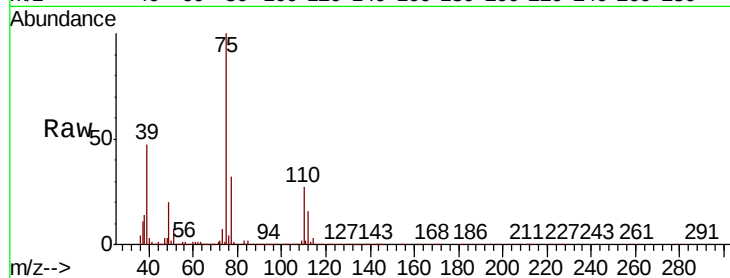
VX0313WBS02

Tot Ion: 75 Resp: 87656

Ion Ratio Lower Upper

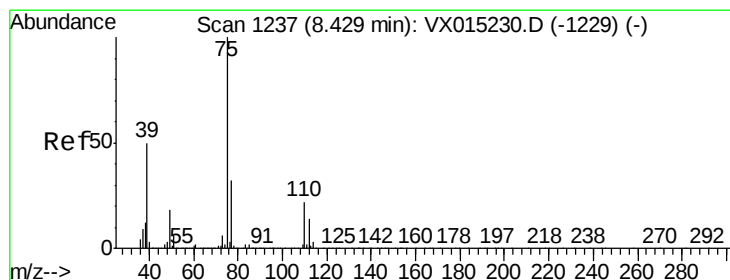
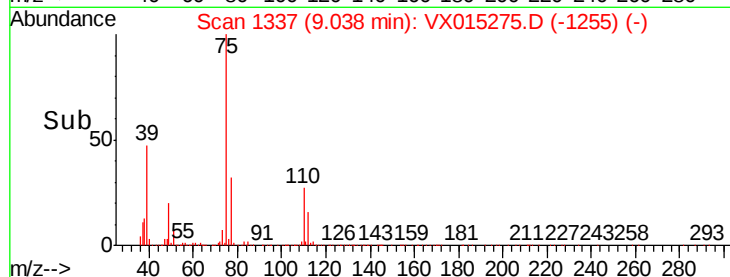
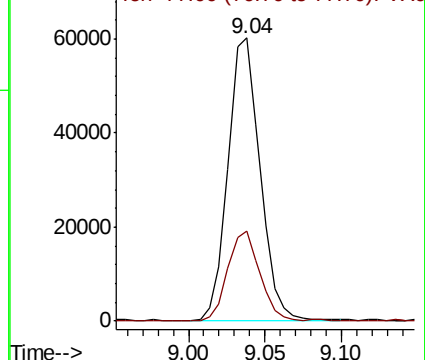
75 100

77 31.8 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

cis-1,3-Dichloropropene

Concen: 18.373 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

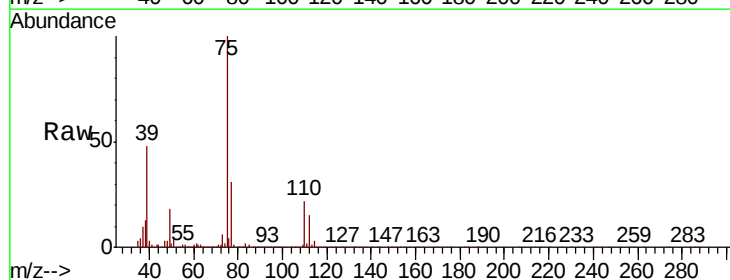
Tgt Ion: 75 Resp: 96681

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

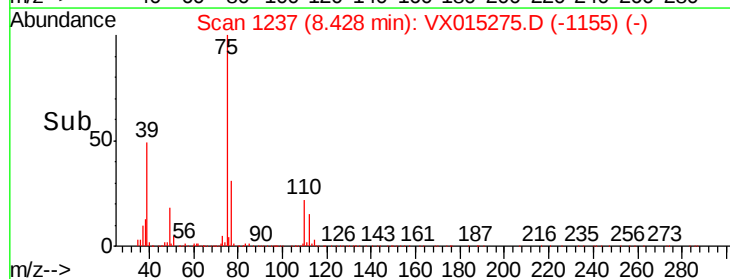
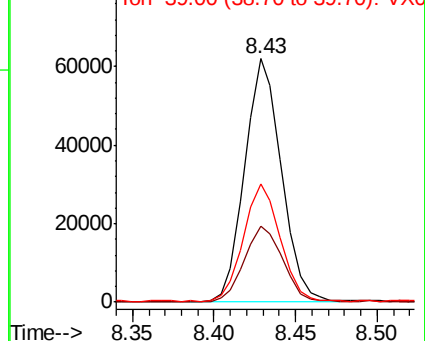
39 48.0 39.8 59.6

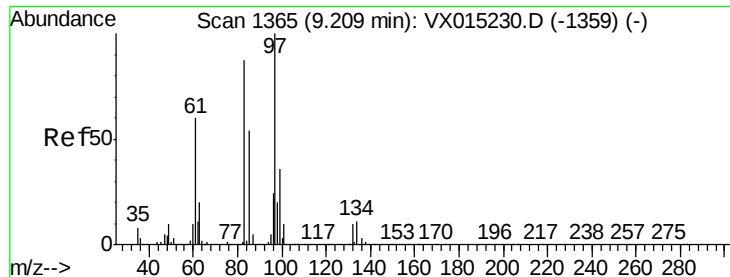


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

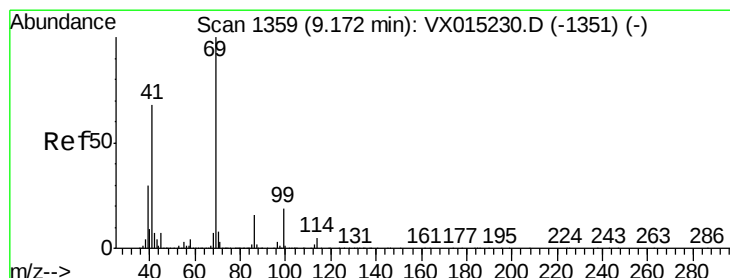
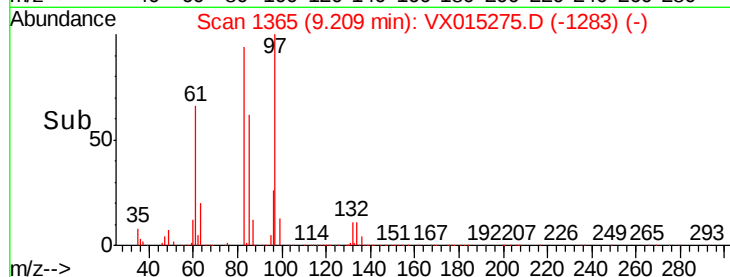
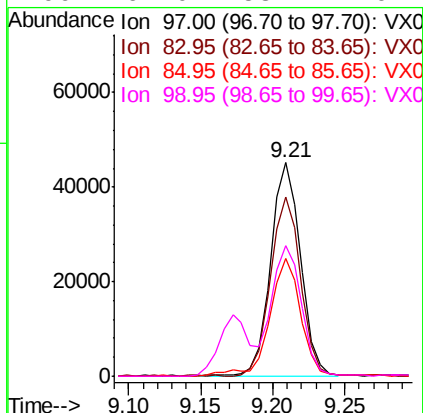
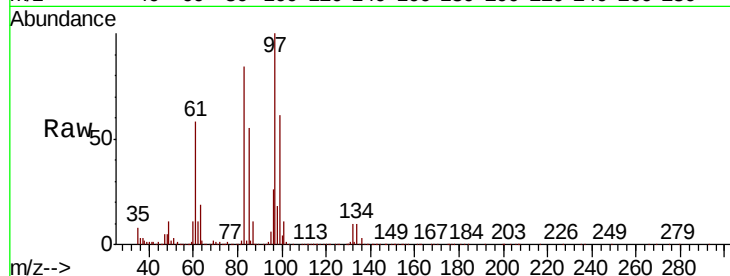




#50
 1,1,2-Trichloroethane
 Concen: 20.502 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

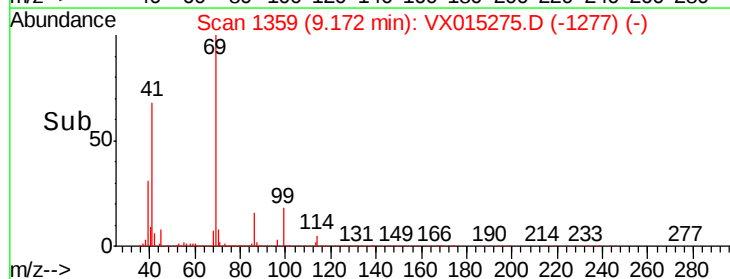
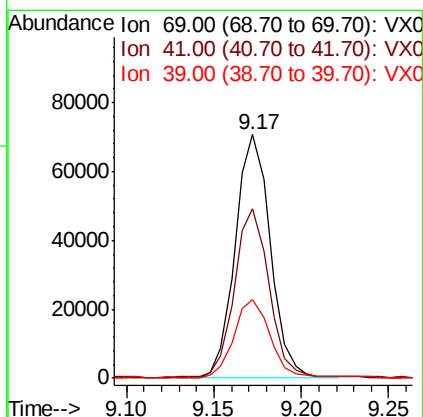
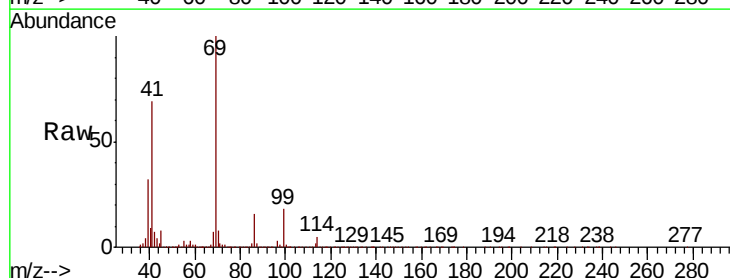
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

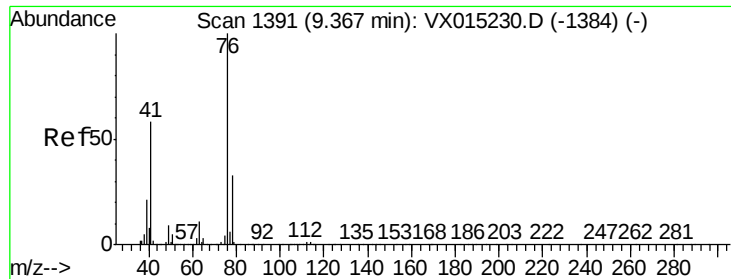
Tot Ion:	97	Resp:	65312
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.7	104.5
85	55.1	45.4	68.0
99	61.0	53.1	79.7



#51
 Ethyl methacrylate
 Concen: 19.788 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion:	69	Resp:	98364
Ion	Ratio	Lower	Upper
69	100		
41	69.2	33.8	101.3
39	31.9	15.1	45.3





#52

1,3-Dichloropropane

Concen: 21.018 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

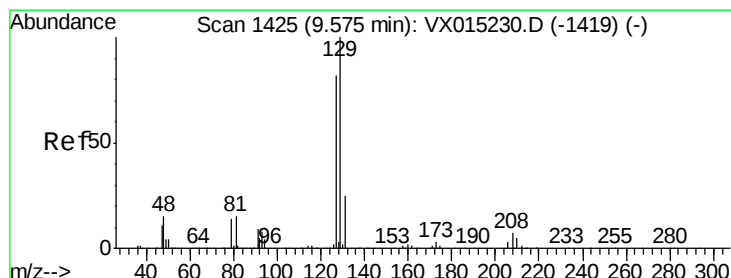
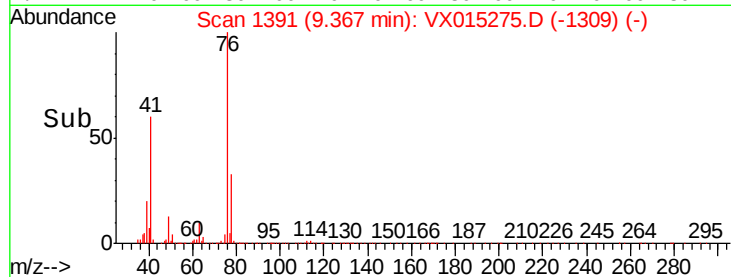
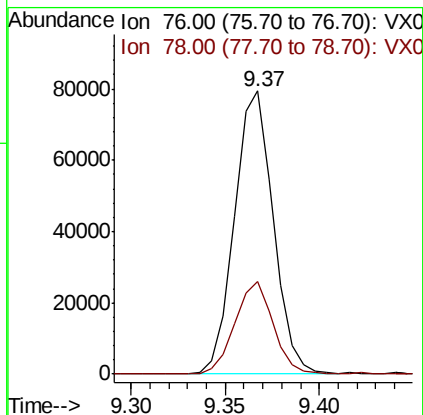
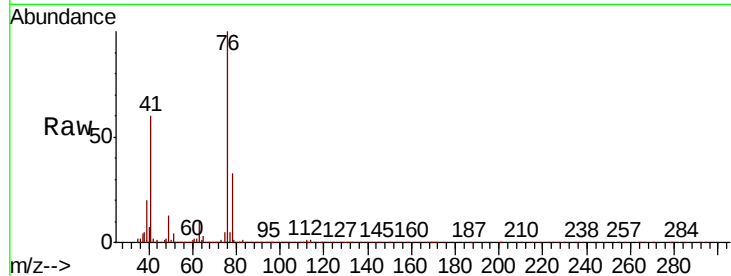
VX0313WBS02

Tot Ion: 76 Resp: 113326

Ion Ratio Lower Upper

76 100

78 32.4 0.0 65.2



#53

Dibromochloromethane

Concen: 20.105 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015275.D

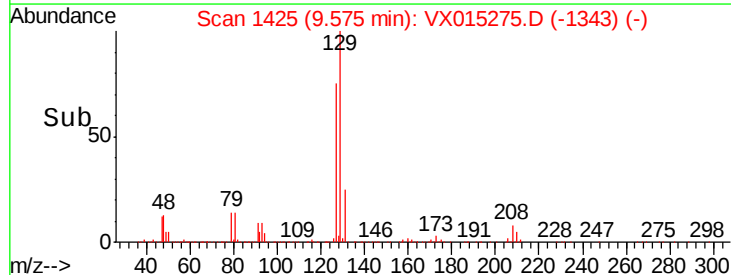
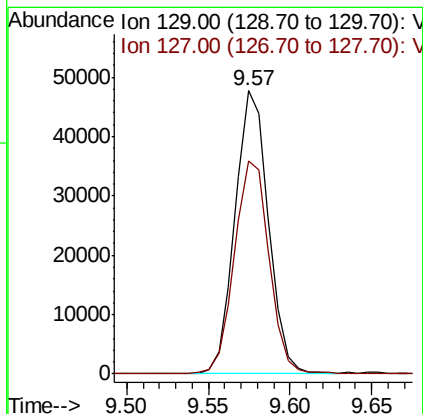
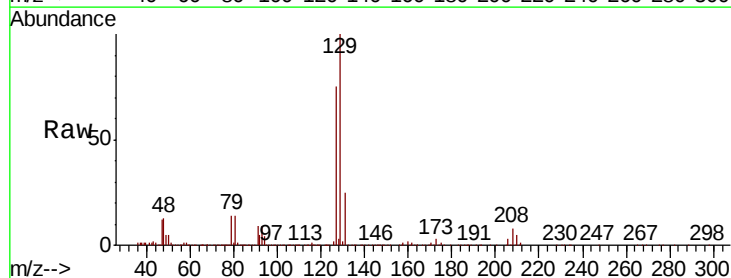
Acq: 13 Mar 2020 22:29

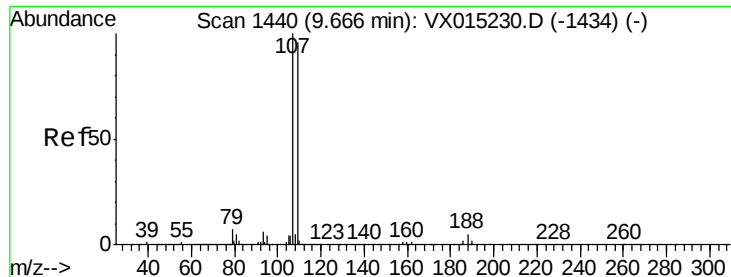
Tgt Ion: 129 Resp: 68210

Ion Ratio Lower Upper

129 100

127 77.9 40.4 121.1





#54

1,2-Dibromoethane

Concen: 21.177 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

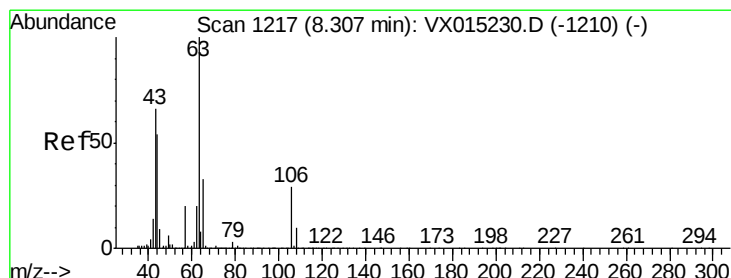
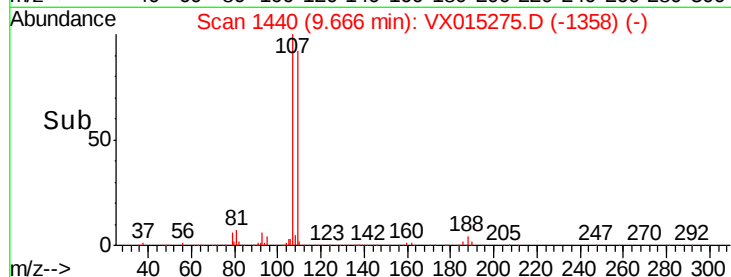
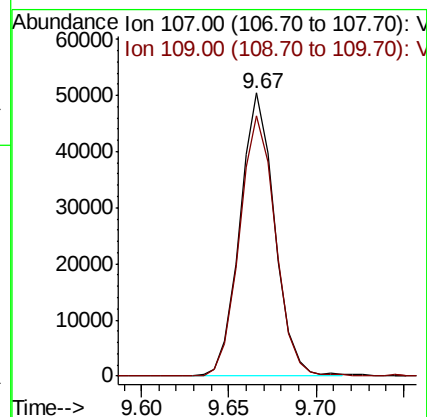
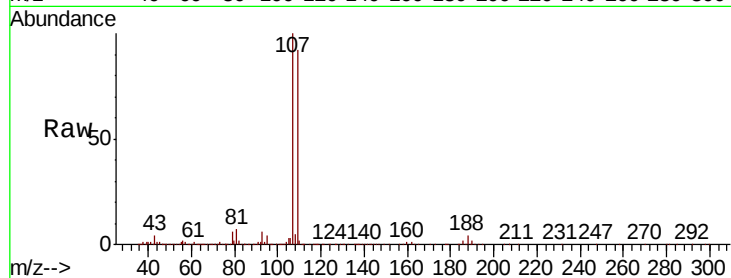
VX0313WBS02

Tot Ion:107 Resp: 69595

Ion Ratio Lower Upper

107 100

109 95.0 75.0 112.4



#55

2-Chloroethyl vinyl ether

Concen: 100.909 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

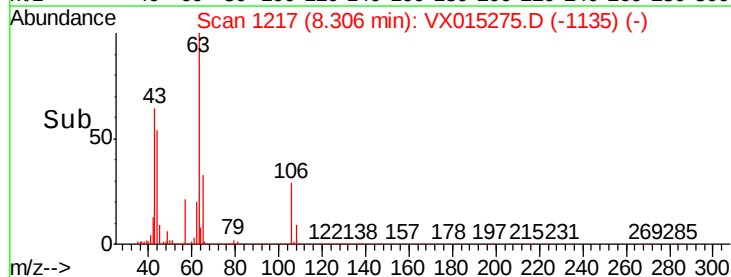
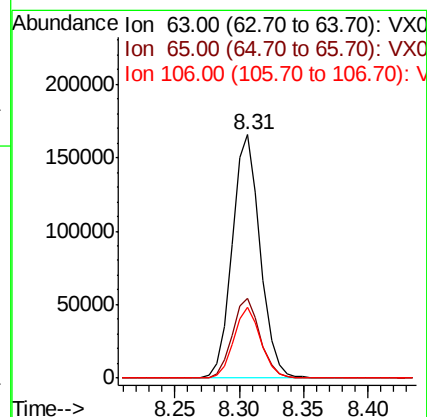
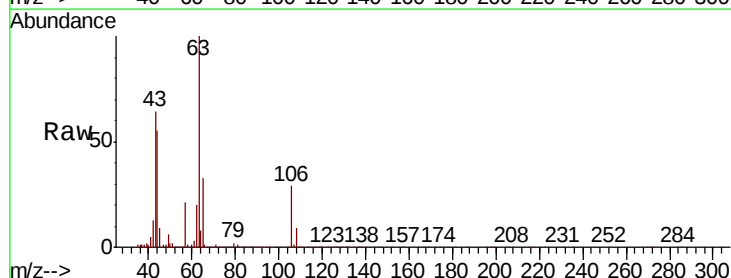
Tgt Ion: 63 Resp: 251227

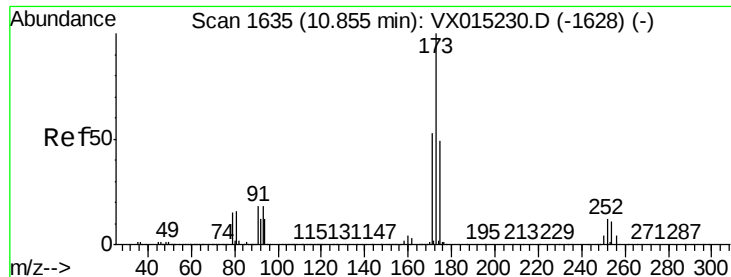
Ion Ratio Lower Upper

63 100

65 32.6 25.6 38.4

106 28.2 23.0 34.4

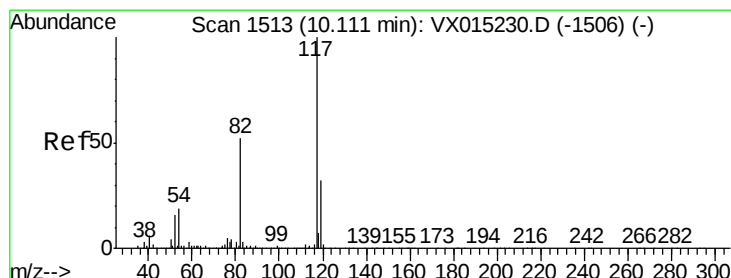
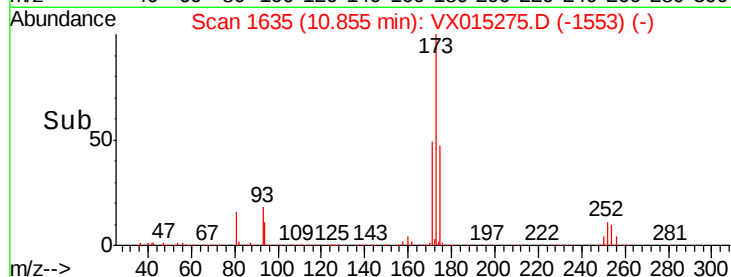
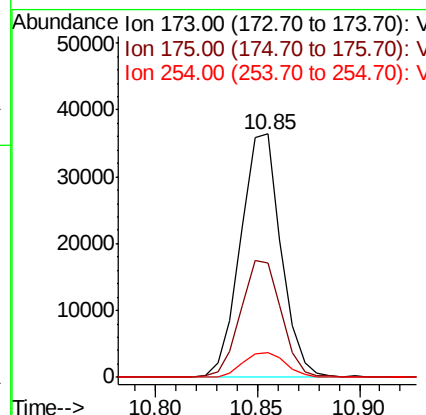
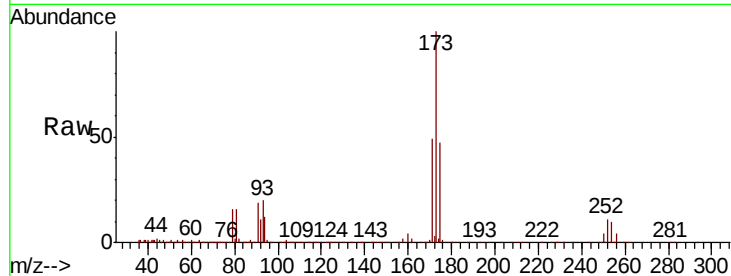




#56
Bromoform
Concen: 18.869 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

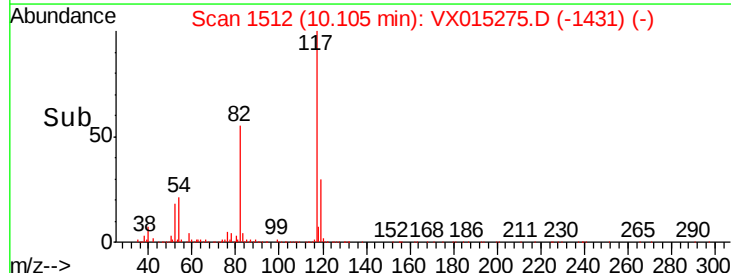
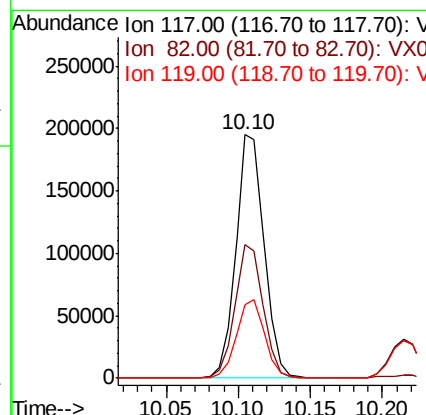
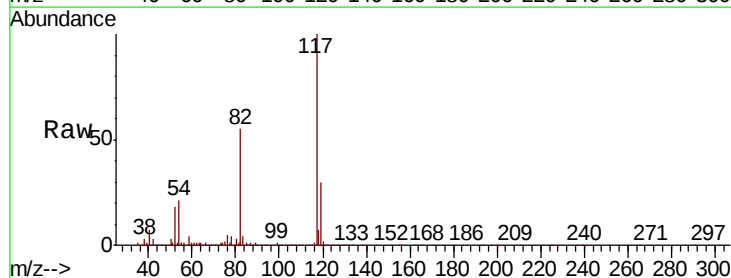
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

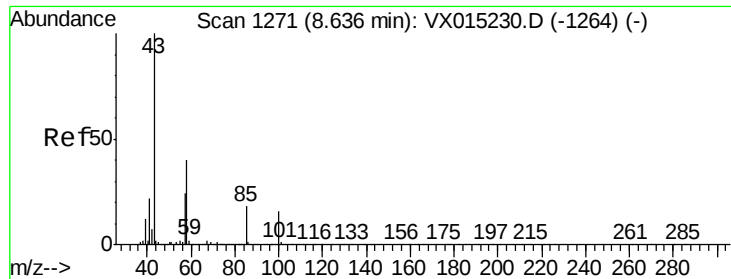
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.9	58.3
254	10.9	9.1	13.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.2	64.8
119	32.0	25.8	38.8

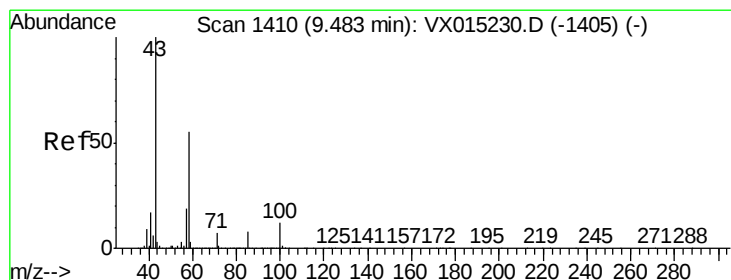
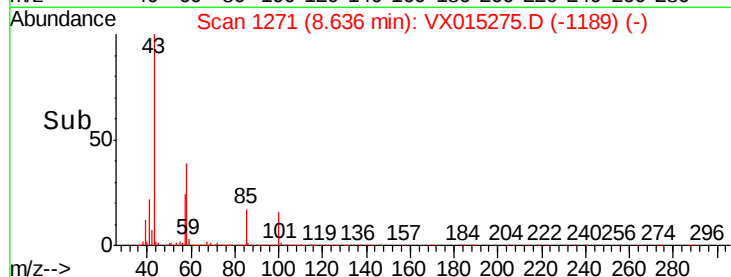
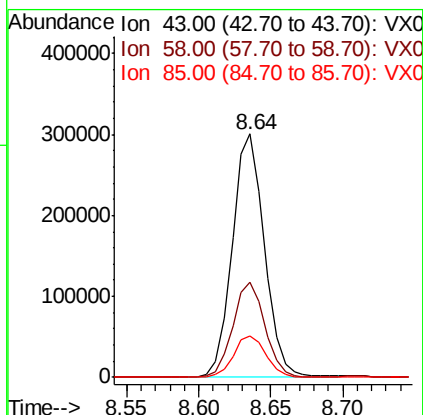
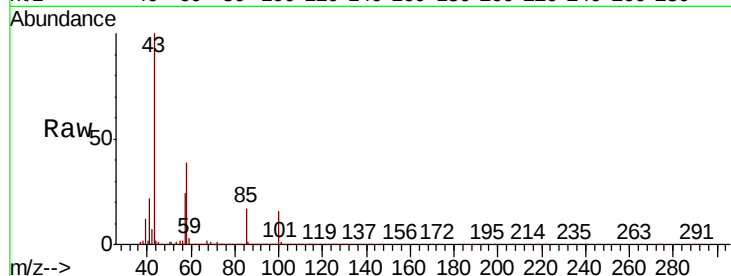




#58
 4-Methyl-2-Pentanone
 Concen: 102.567 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

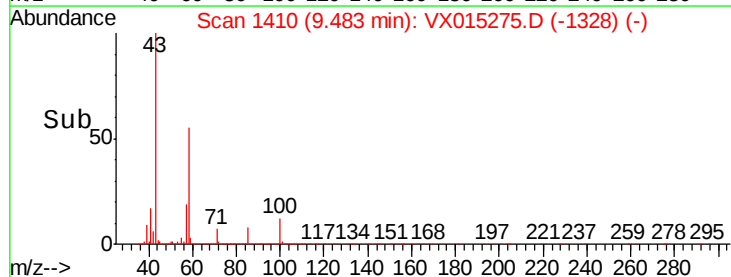
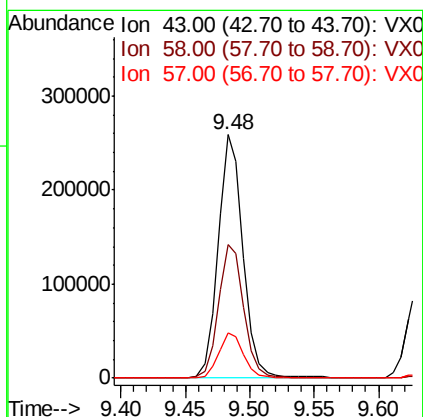
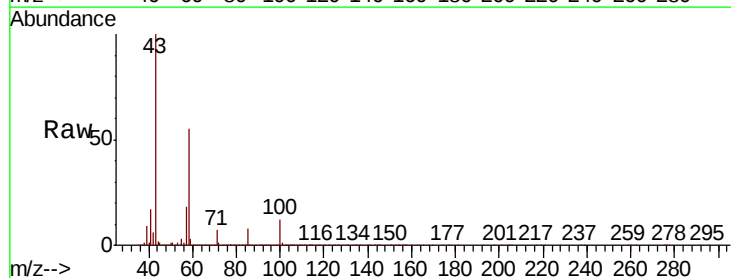
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

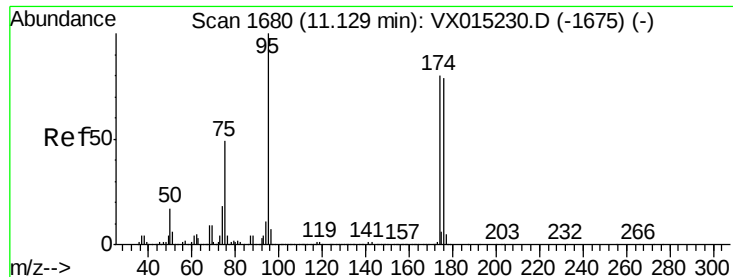
Tot Ion:	43	Resp:	467552
Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.6	47.4
85	17.2	13.8	20.8



#59
 2-Hexanone
 Concen: 101.456 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion:	43	Resp:	349559
Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.6	66.8
57	18.6	14.6	21.8

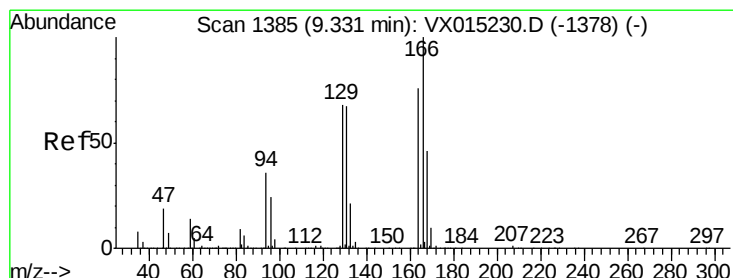
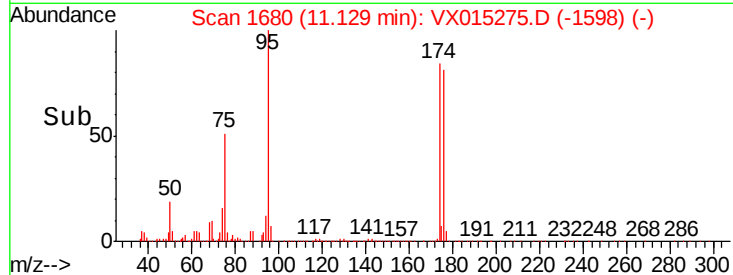
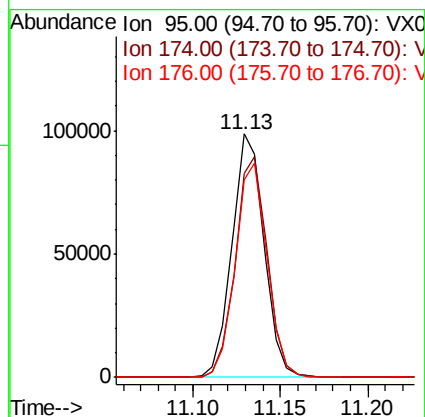
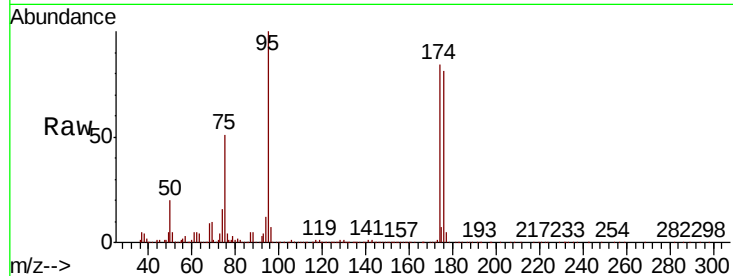




#60
4-Bromofluorobenzene
Concen: 29.512 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

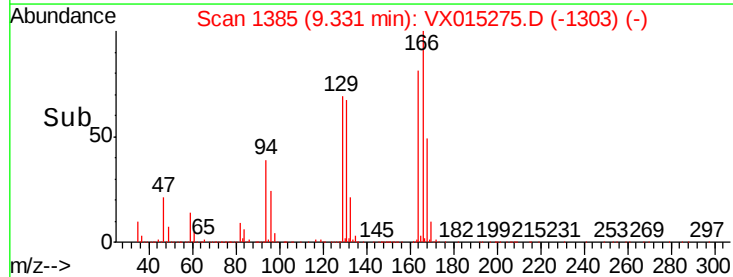
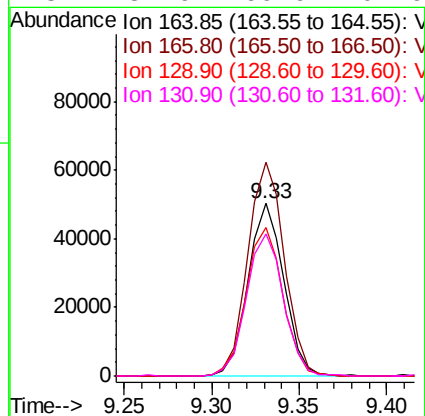
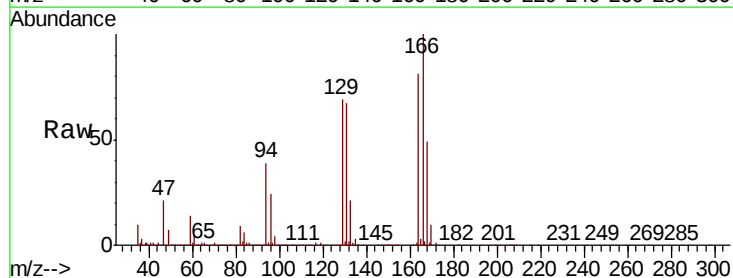
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

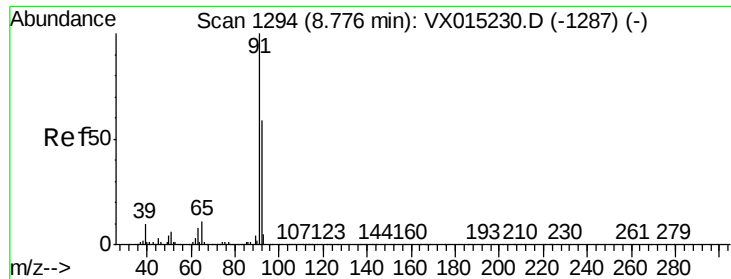
Tot Ion: 95 Resp: 125792
Ion Ratio Lower Upper
95 100
174 90.1 72.0 108.0
176 87.5 70.1 105.1



#61
Tetrachloroethene
Concen: 19.152 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion: 164 Resp: 71384
Ion Ratio Lower Upper
164 100
166 123.9 105.1 157.7
129 85.9 71.5 107.3
131 82.6 69.9 104.9





#62

Toluene

Concen: 19.169 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

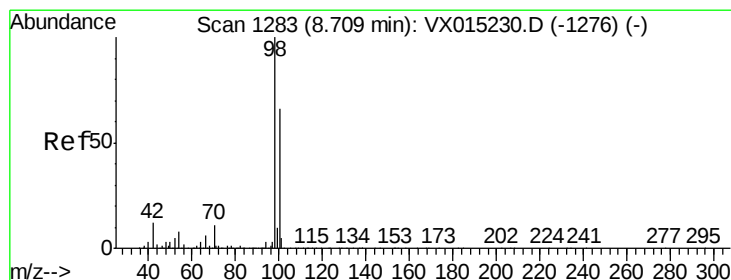
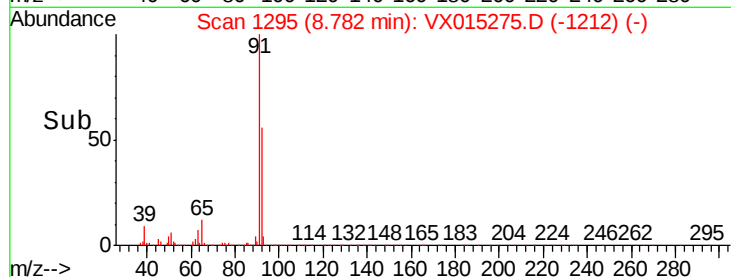
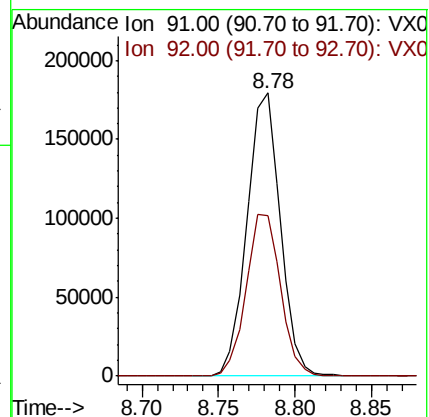
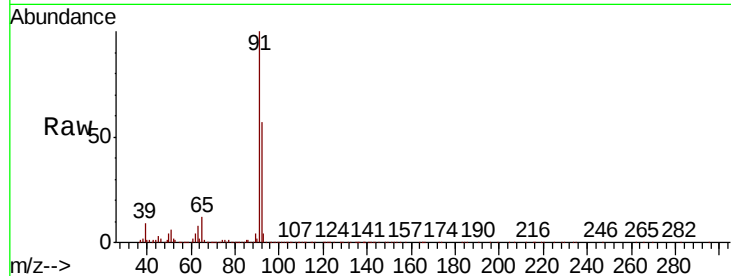
VX0313WBS02

Tot Ion: 91 Resp: 271609

Ion Ratio Lower Upper

91 100

92 58.9 47.1 70.7



#63

Toluene-d8

Concen: 30.847 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015275.D

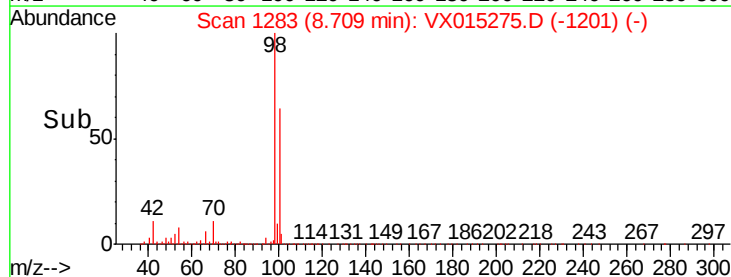
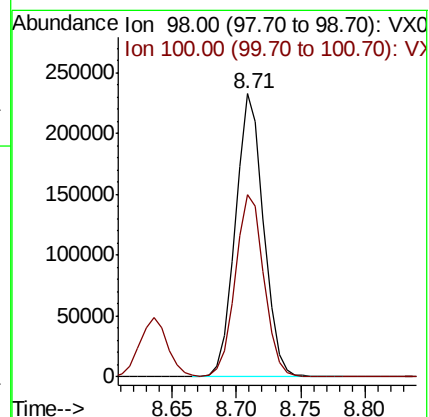
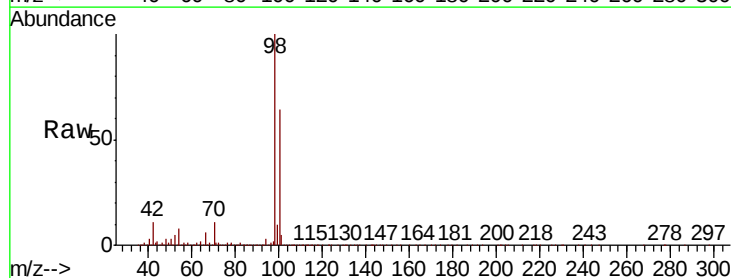
Acq: 13 Mar 2020 22:29

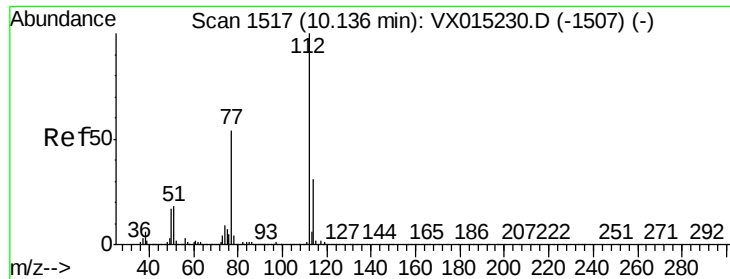
Tgt Ion: 98 Resp: 353790

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4





#64

Chlorobenzene

Concen: 18.770 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

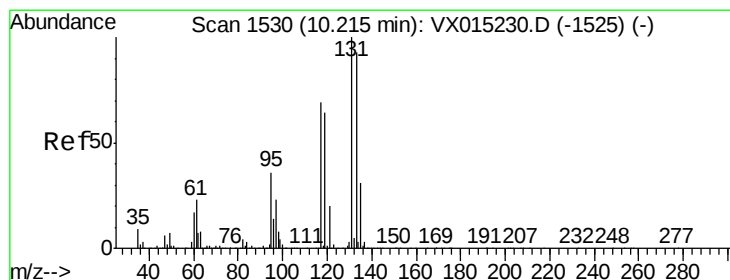
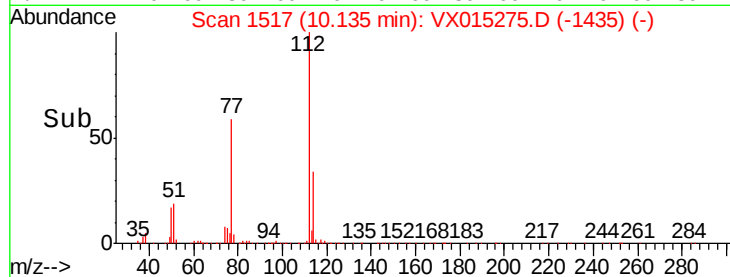
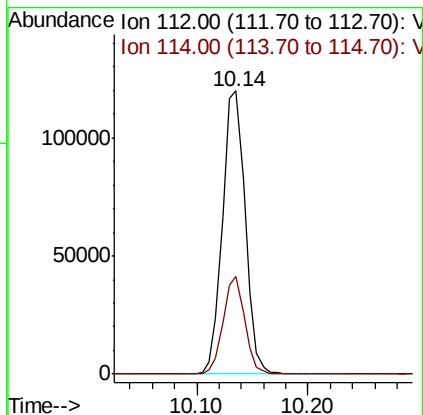
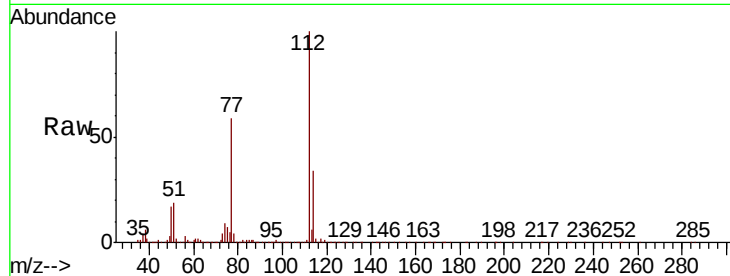
VX0313WBS02

Tot Ion:112 Resp: 169934

Ion Ratio Lower Upper

112 100

114 34.4 24.8 37.2



#65

1,1,1,2-Tetrachloroethane

Concen: 18.626 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

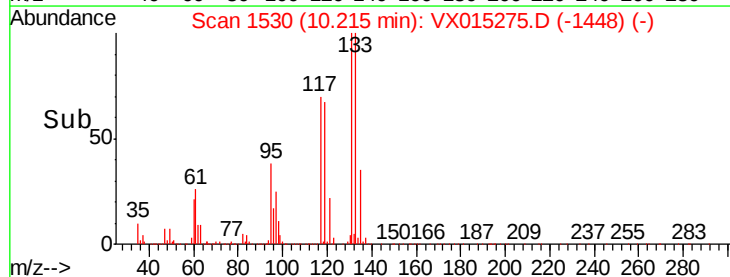
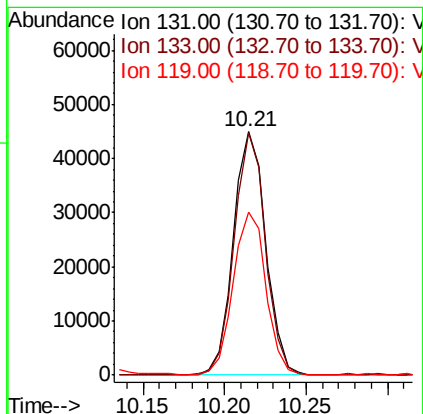
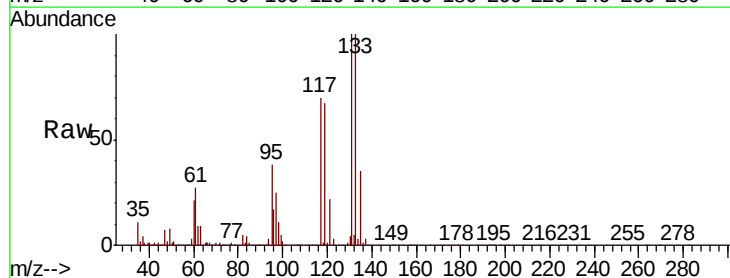
Tgt Ion:131 Resp: 62114

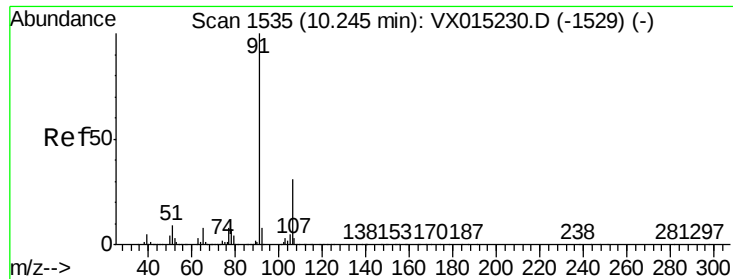
Ion Ratio Lower Upper

131 100

133 96.2 0.0 188.0

119 67.2 0.0 131.0





#66

Ethyl Benzene

Concen: 18.273 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

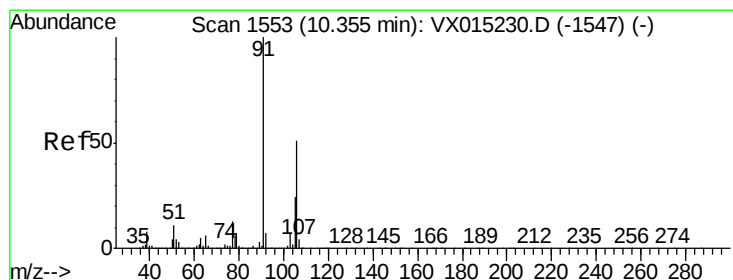
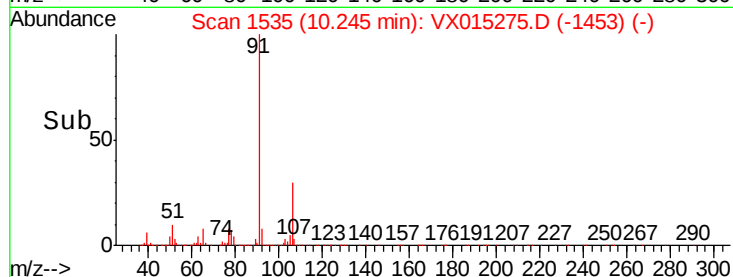
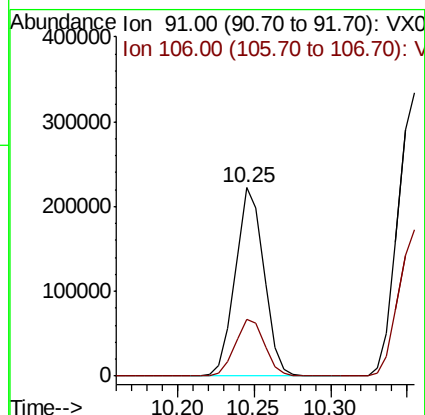
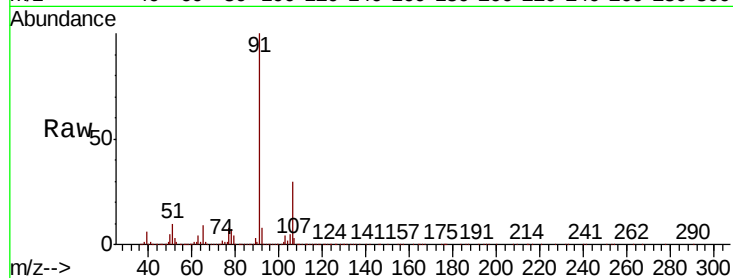
VX0313WBS02

Tot Ion: 91 Resp: 288427

Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3



#67

m/p-Xylenes

Concen: 37.779 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015275.D

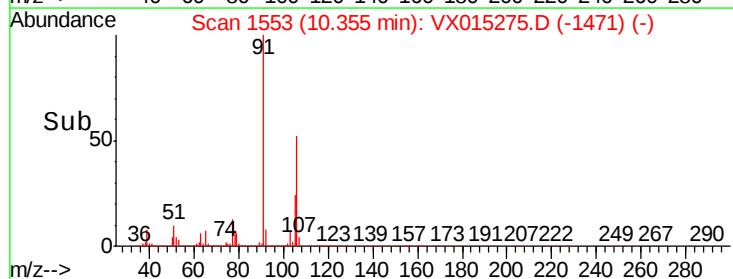
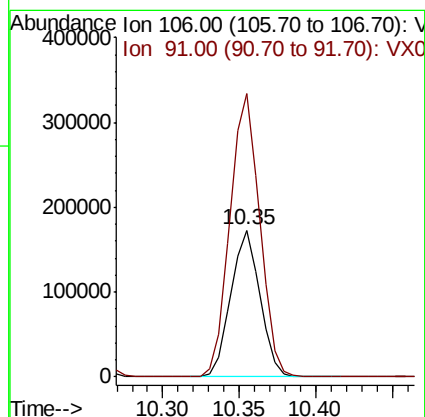
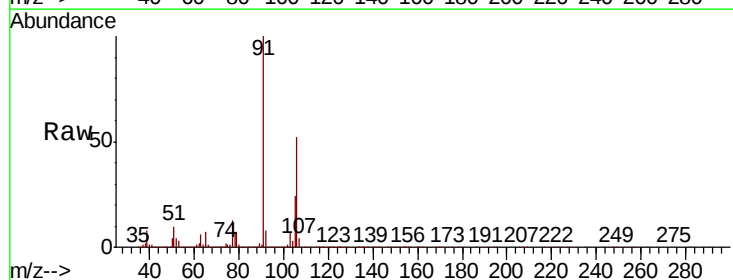
Acq: 13 Mar 2020 22:29

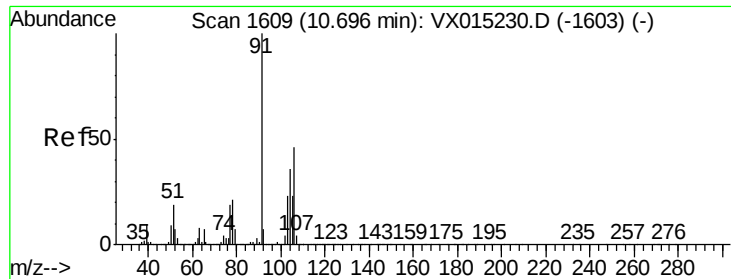
Tgt Ion: 106 Resp: 228905

Ion Ratio Lower Upper

106 100

91 197.5 160.1 240.1

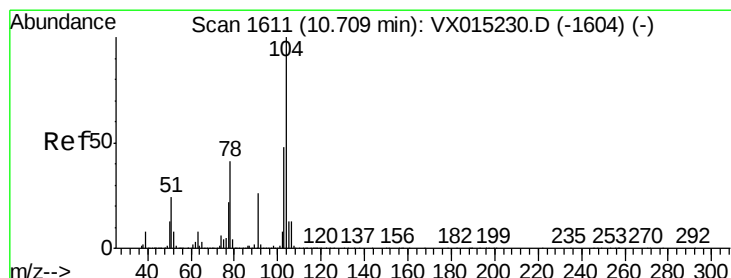
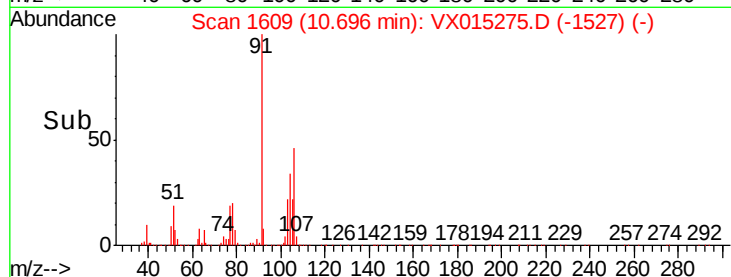
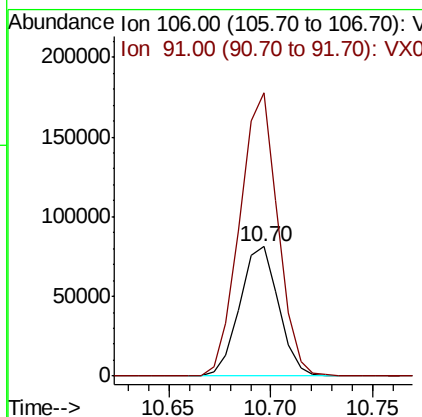
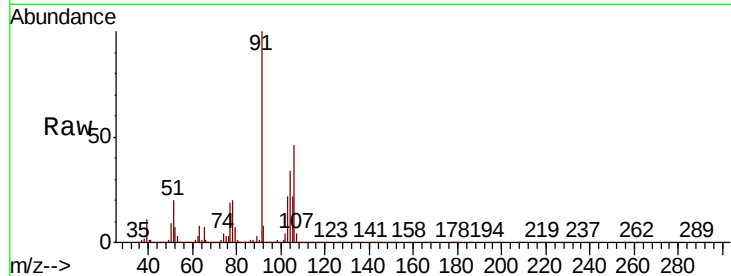




#68
o-Xylene
Concen: 18.440 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

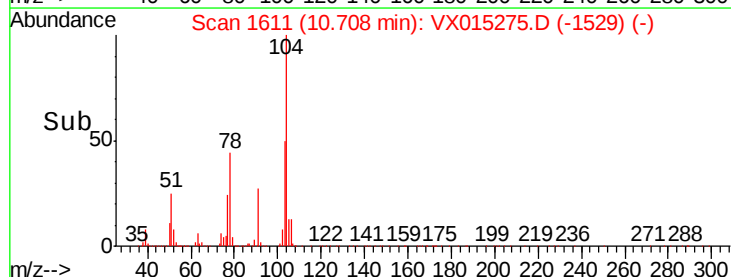
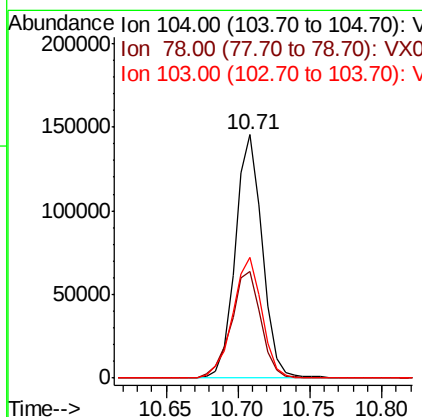
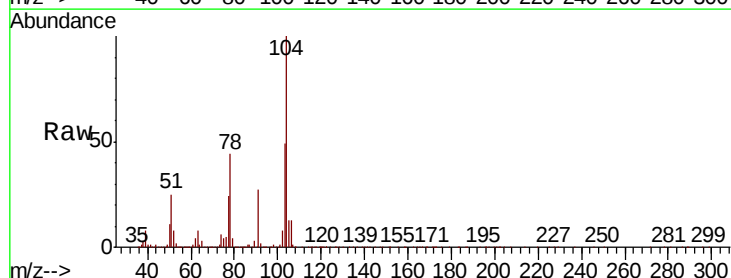
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

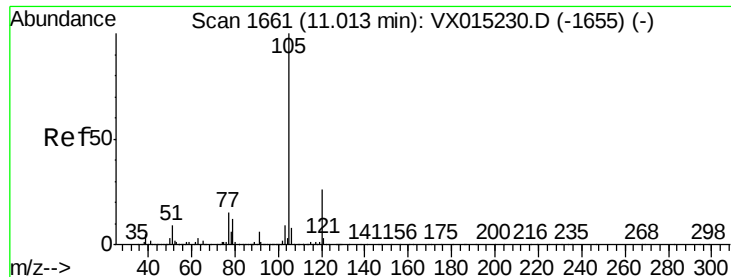
Tot Ion:106 Resp: 107120
Ion Ratio Lower Upper
106 100
91 215.9 106.4 319.2



#69
Styrene
Concen: 18.757 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion:104 Resp: 189631
Ion Ratio Lower Upper
104 100
78 48.8 38.9 58.3
103 53.6 43.2 64.8





#70

Isopropylbenzene

Concen: 18.352 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

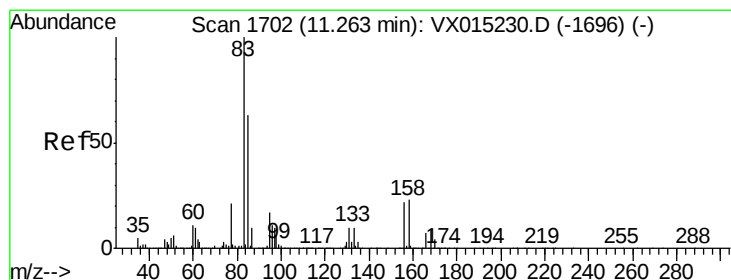
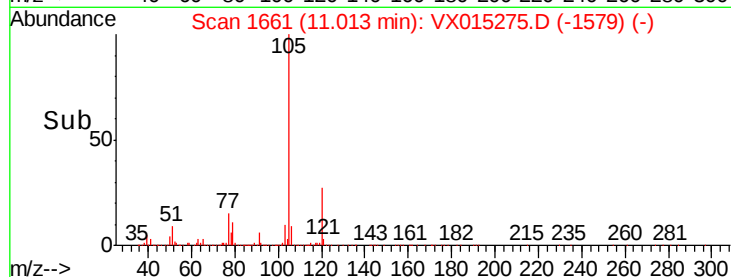
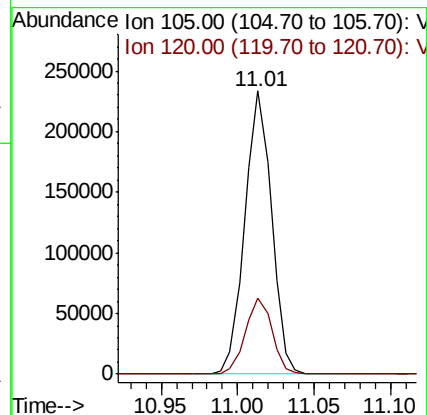
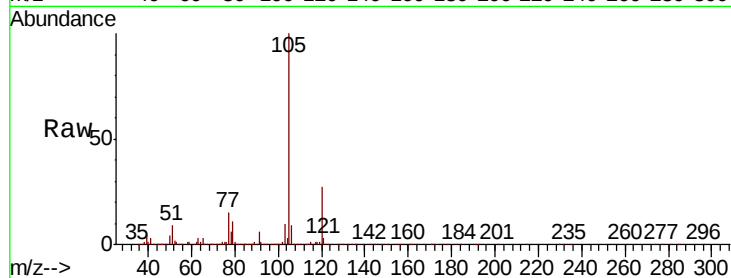
VX0313WBS02

Tot Ion:105 Resp: 283760

Ion Ratio Lower Upper

105 100

120 26.7 18.6 34.6



#71

1,1,2,2-Tetrachloroethane

Concen: 19.758 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

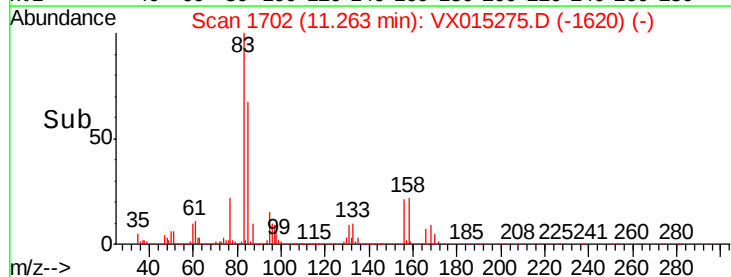
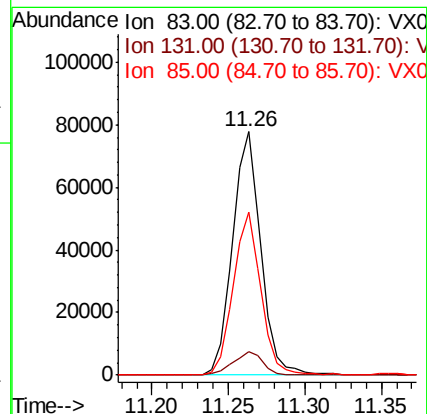
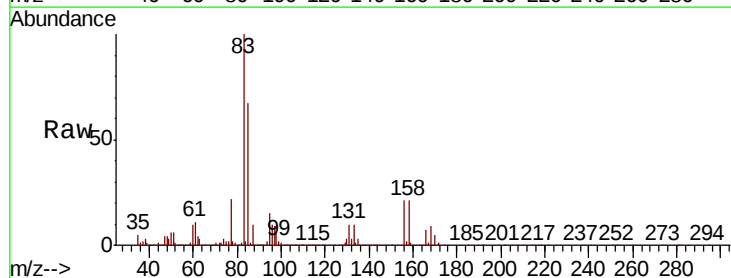
Tgt Ion: 83 Resp: 99170

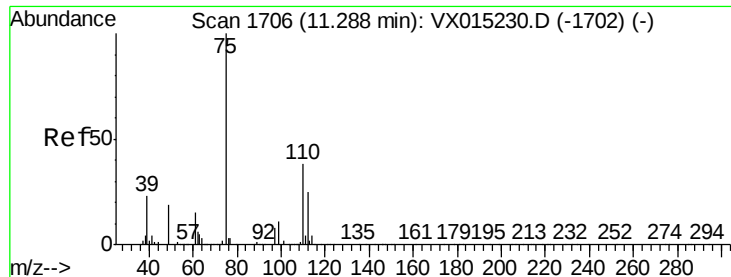
Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 65.0 31.8 95.4





#72

1,2,3-Trichloropropane

Concen: 27.029 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

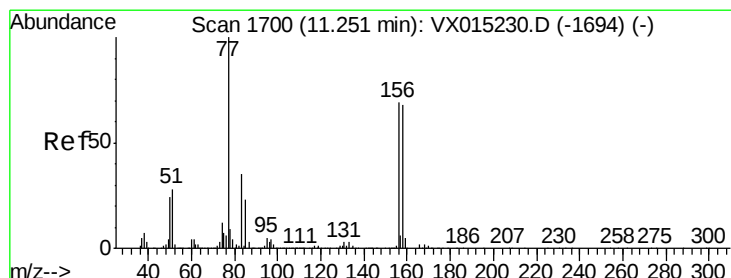
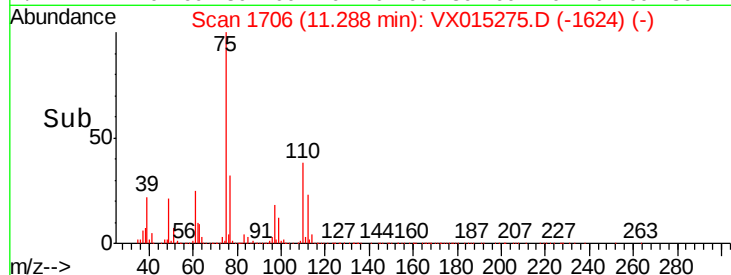
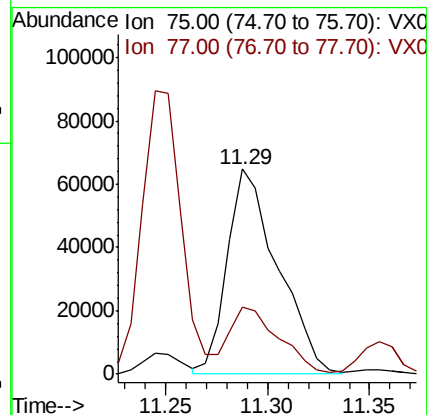
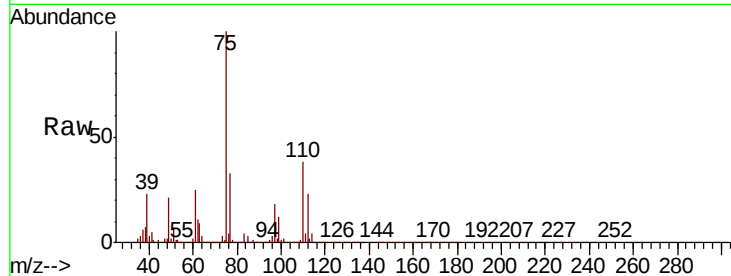
VX0313WBS02

Tot Ion: 75 Resp: 111040

Ion Ratio Lower Upper

75 100

77 33.1 0.0 83.0



#73

Bromobenzene

Concen: 18.693 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

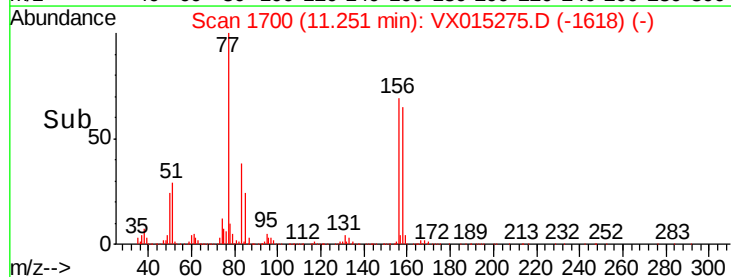
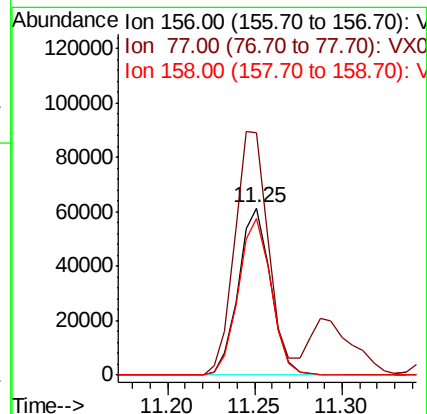
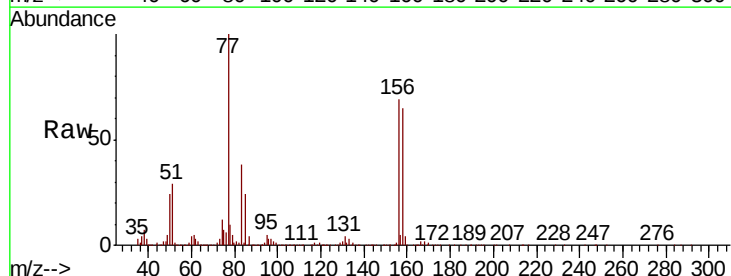
Tgt Ion: 156 Resp: 78825

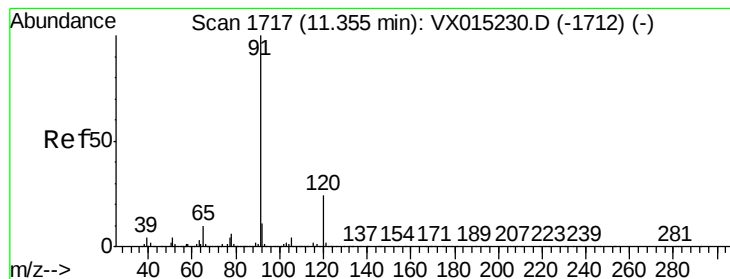
Ion Ratio Lower Upper

156 100

77 150.9 0.0 305.0

158 95.3 0.0 197.2





#74

n-propylbenzene

Concen: 18.142 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

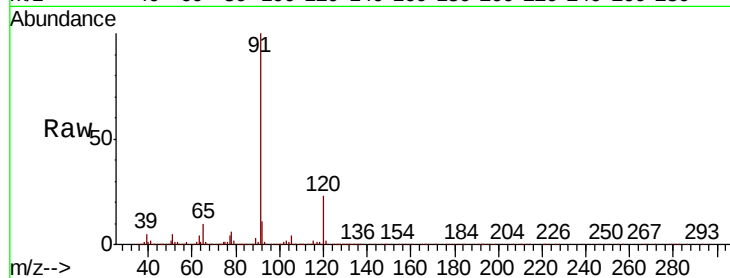
VX0313WBS02

Tot Ion: 91 Resp: 331399

Ion Ratio Lower Upper

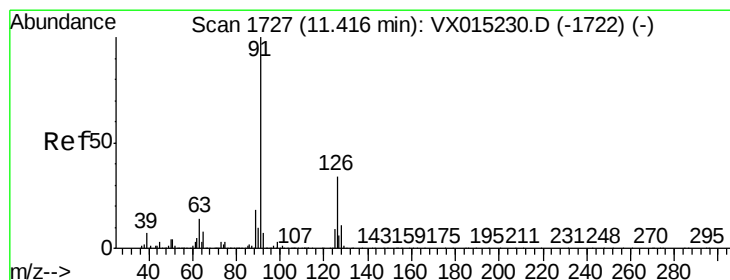
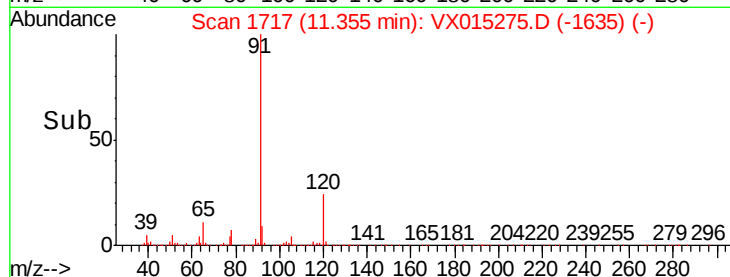
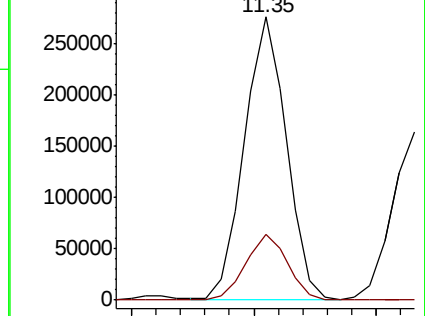
91 100

120 23.1 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 18.901 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015275.D

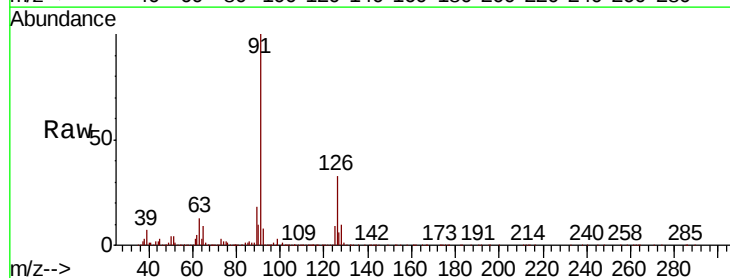
Acq: 13 Mar 2020 22:29

Tgt Ion: 91 Resp: 201582

Ion Ratio Lower Upper

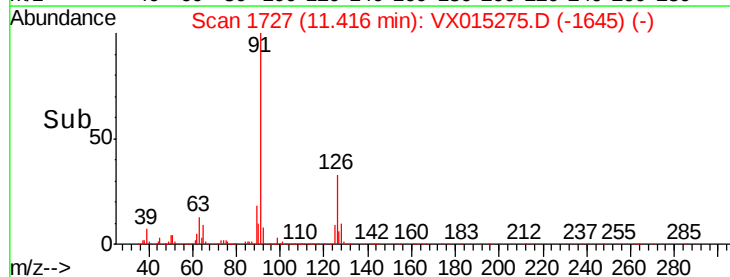
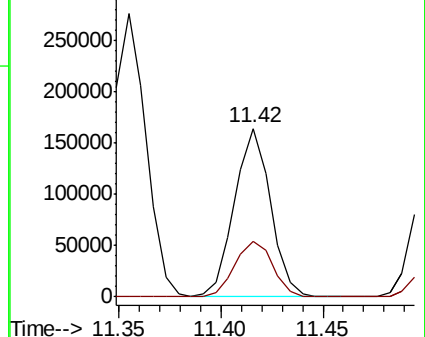
91 100

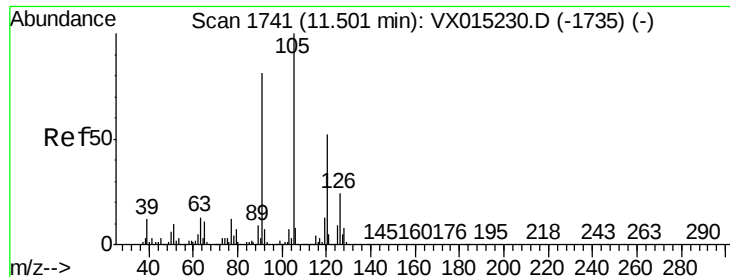
126 34.6 0.0 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#76

1,3,5-Trimethylbenzene

Concen: 17.671 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

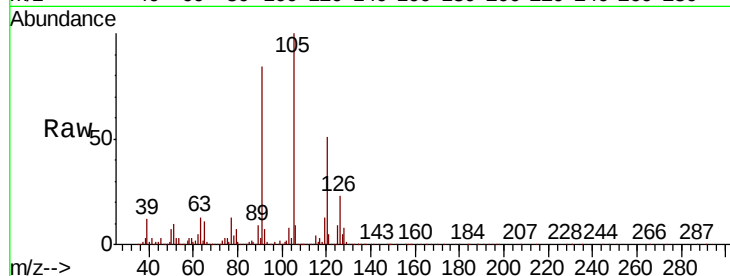
VX0313WBS02

Tot Ion:105 Resp: 233243

Ion Ratio Lower Upper

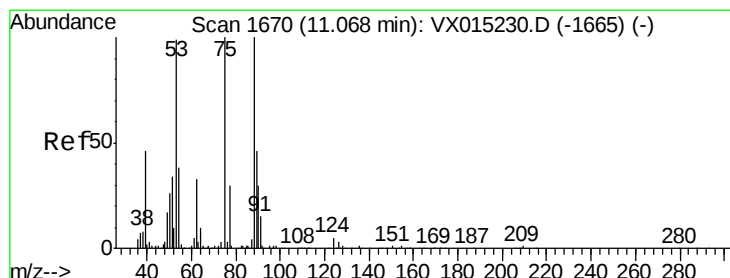
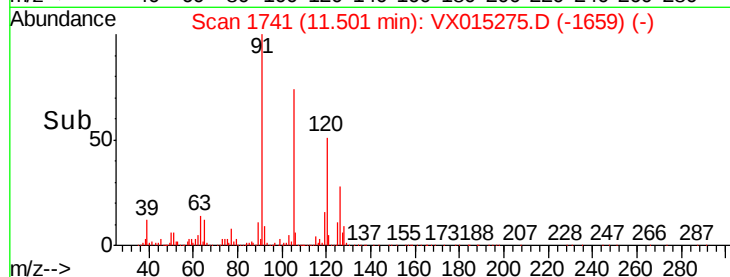
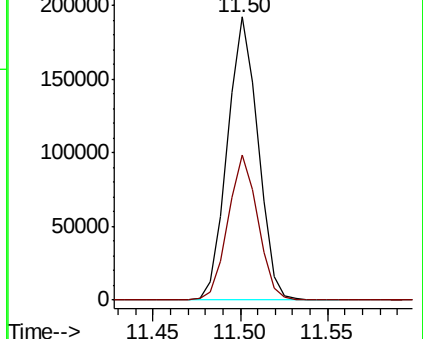
105 100

120 50.2 0.0 101.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 17.024 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

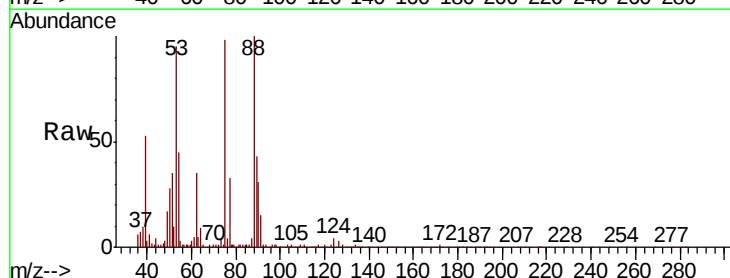
Tgt Ion: 75 Resp: 29291

Ion Ratio Lower Upper

75 100

53 96.4 49.5 148.3

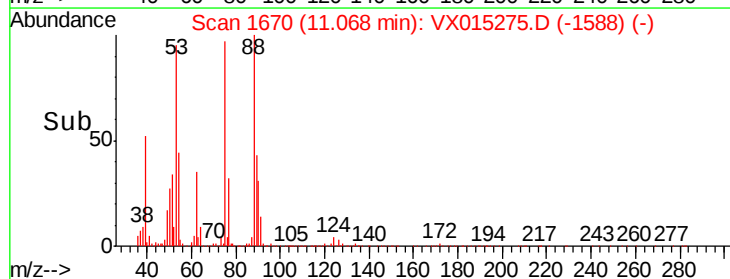
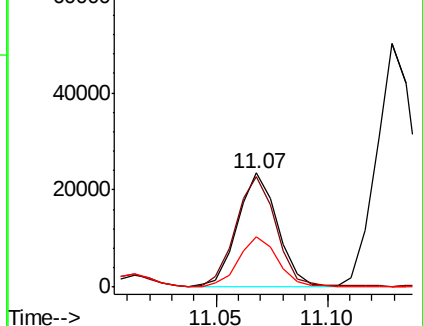
89 43.1 22.9 68.8

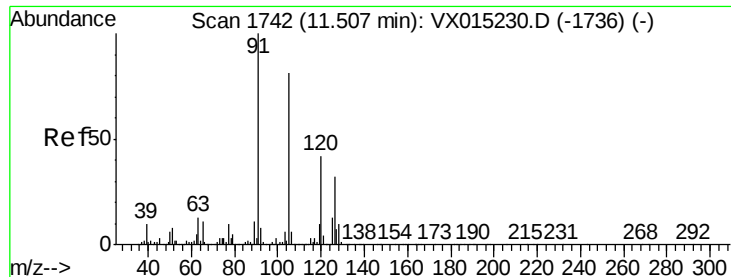


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0





#78

4-Chlorotoluene

Concen: 18.200 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

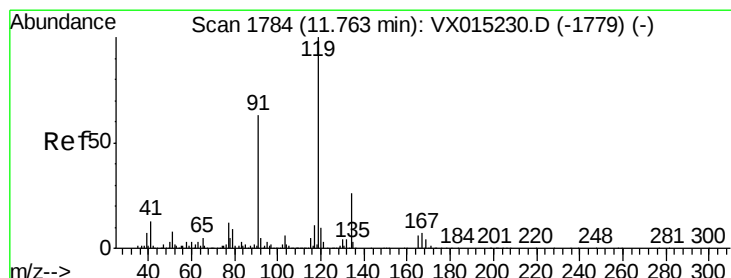
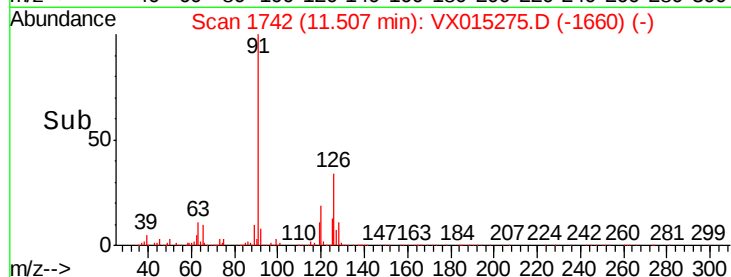
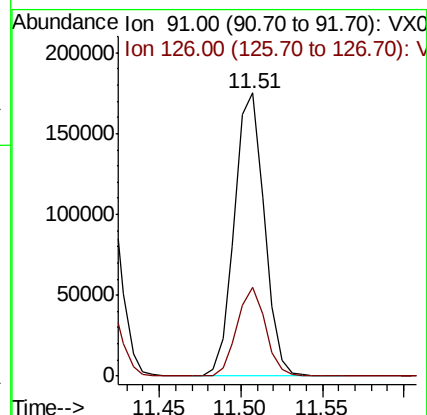
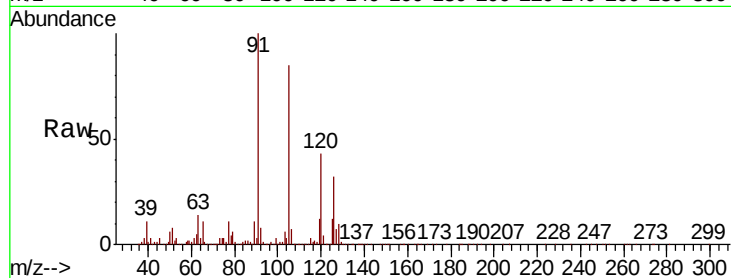
VX0313WBS02

Tot Ion: 91 Resp: 223476

Ion Ratio Lower Upper

91 100

126 30.1 0.0 61.4



#79

tert-butylbenzene

Concen: 18.436 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

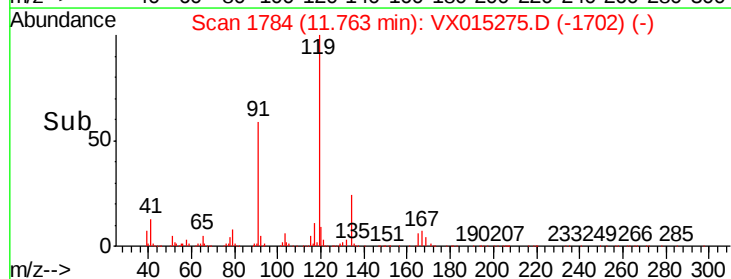
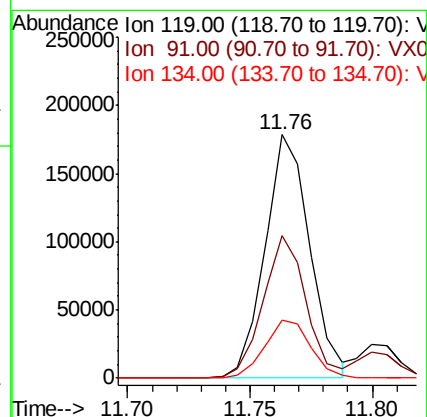
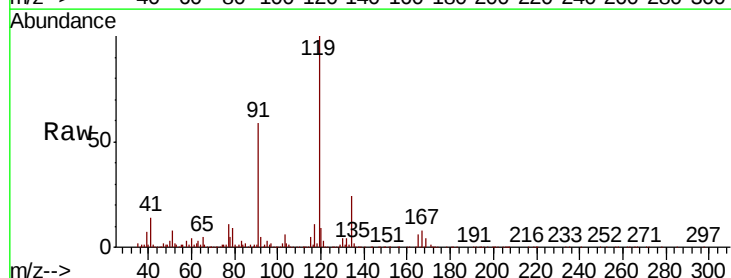
Tgt Ion: 119 Resp: 228142

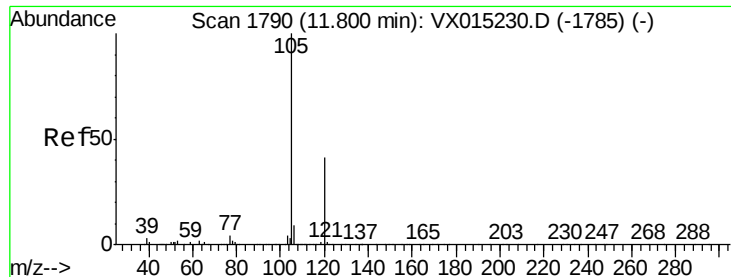
Ion Ratio Lower Upper

119 100

91 55.9 0.0 115.4

134 24.5 0.0 49.4





#80

1,2,4-Trimethylbenzene

Concen: 18.888 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

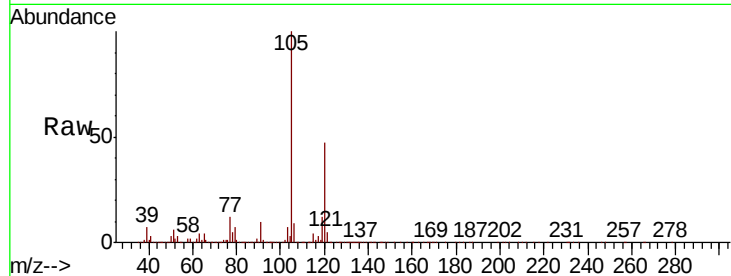
VX0313WBS02

Tot Ion:105 Resp: 246479

Ion Ratio Lower Upper

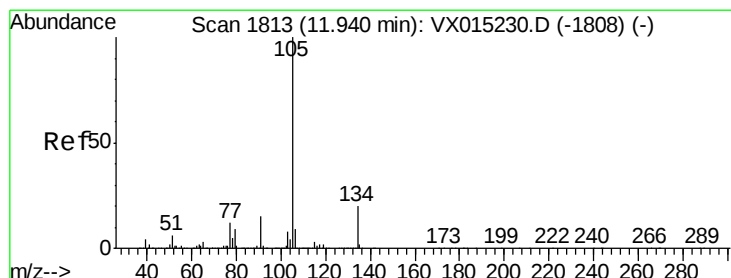
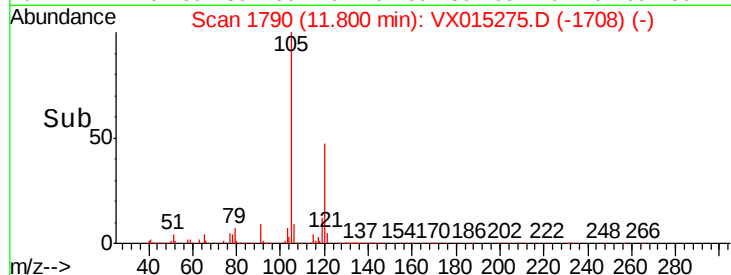
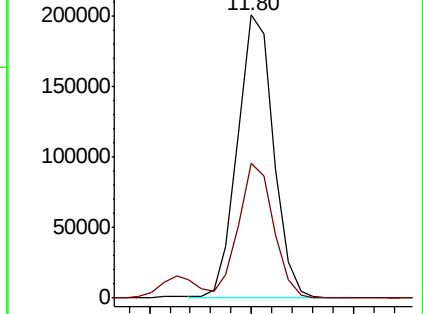
105 100

120 46.3 0.0 93.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 18.176 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015275.D

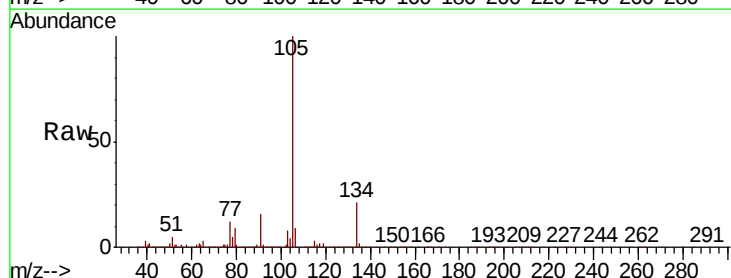
Acq: 13 Mar 2020 22:29

Tgt Ion:105 Resp: 279133

Ion Ratio Lower Upper

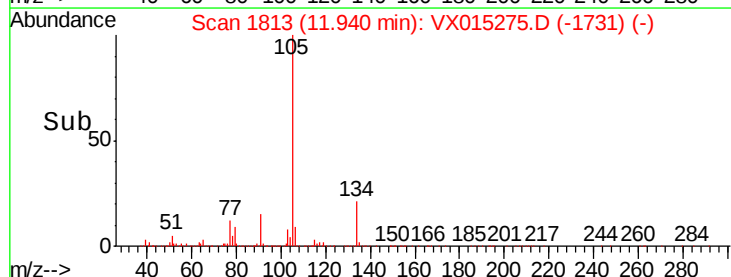
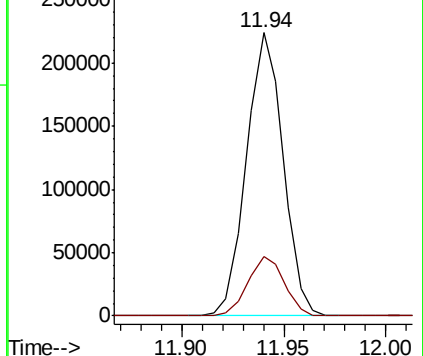
105 100

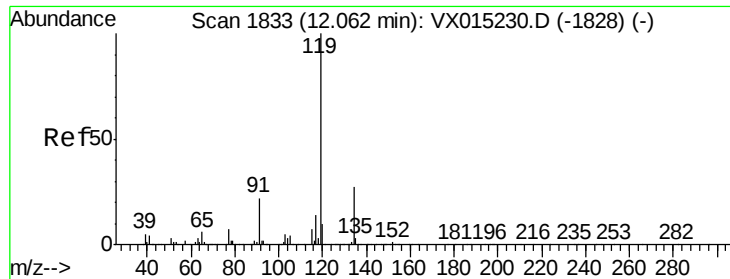
134 20.7 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

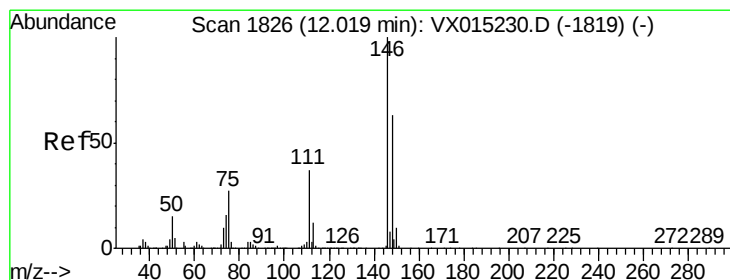
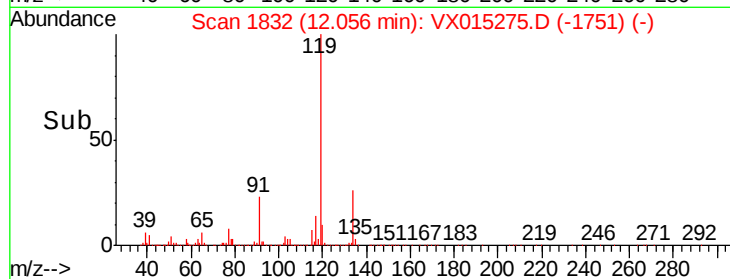
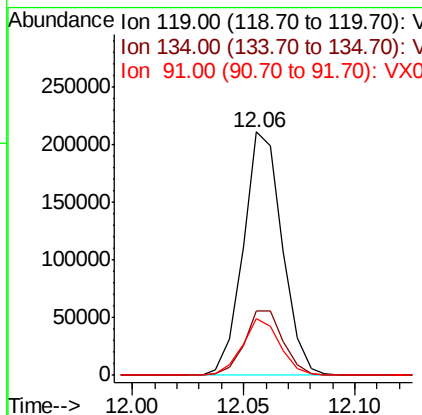
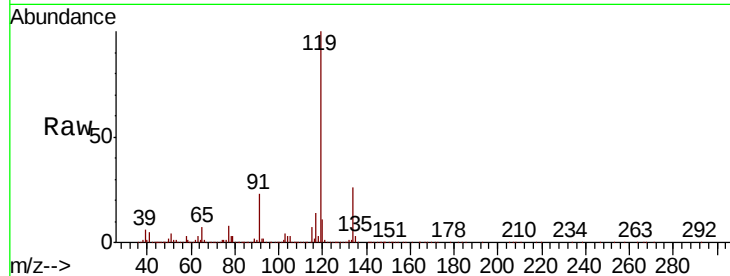




#82
 p-Isopropyltoluene
 Concen: 18.243 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

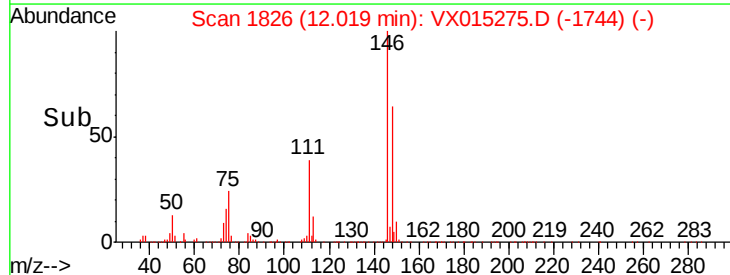
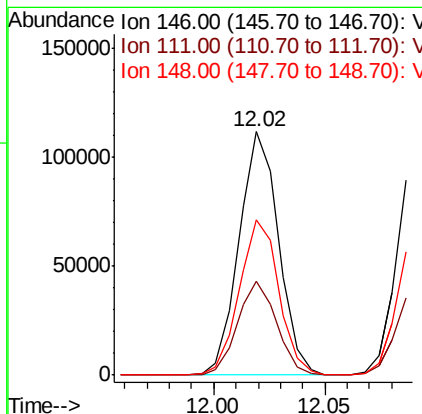
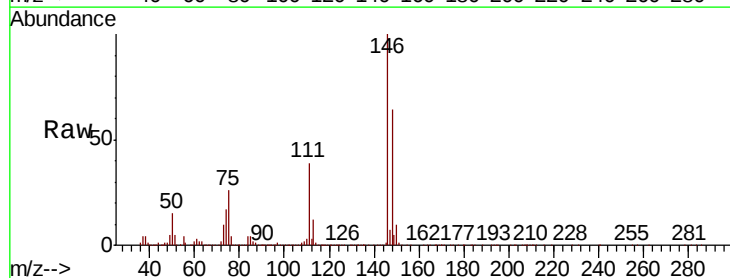
Instrument :
 MSVOA_X
 ClientSampled :
 VX0313WBS02

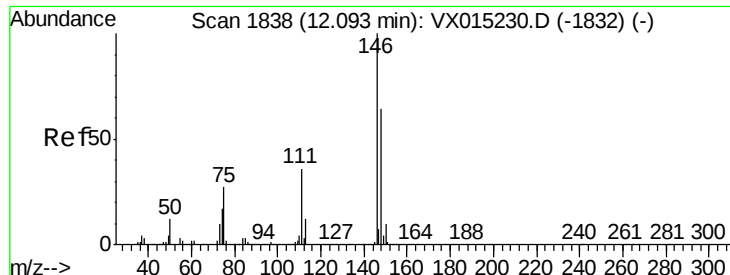
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	0.0	53.6
91	22.3	0.0	43.6



#83
 1,3-Dichlorobenzene
 Concen: 18.531 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.4
148	63.8	31.9	95.7





#84

1,4-Dichlorobenzene

Concen: 18.480 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampled :

VX0313WBS02

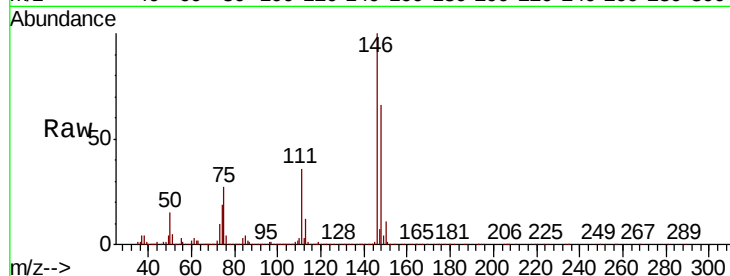
Tot Ion:146 Resp: 137727

Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.0

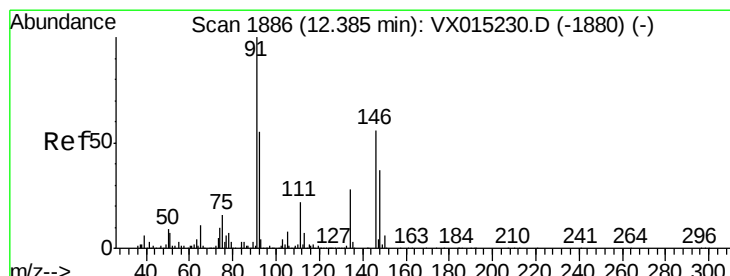
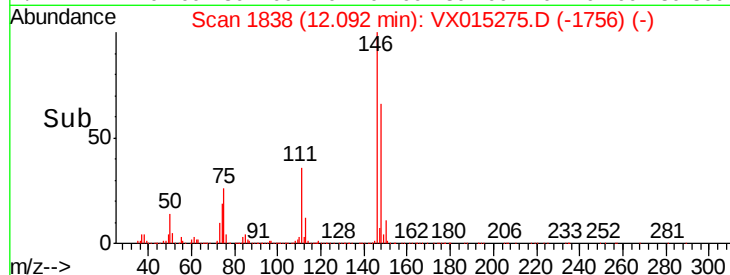
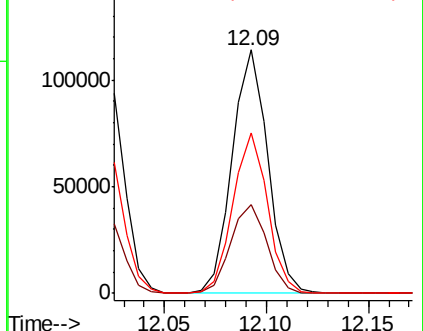
148 63.9 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 17.356 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

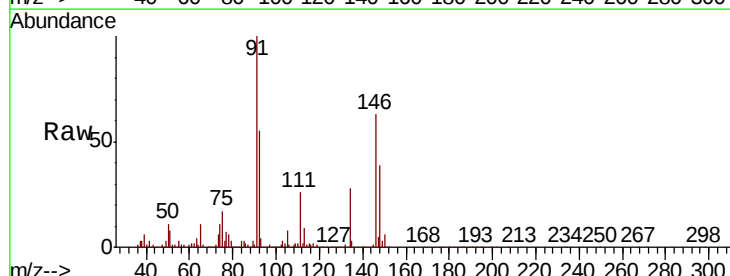
Tgt Ion: 91 Resp: 214808

Ion Ratio Lower Upper

91 100

92 55.2 0.0 109.4

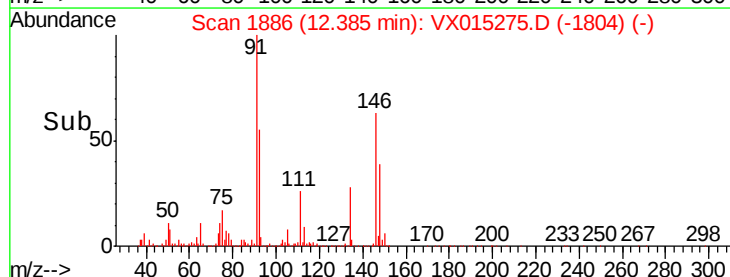
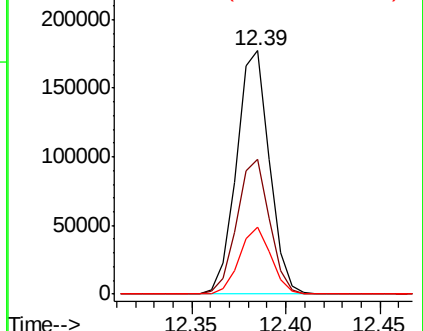
134 26.4 0.0 53.0

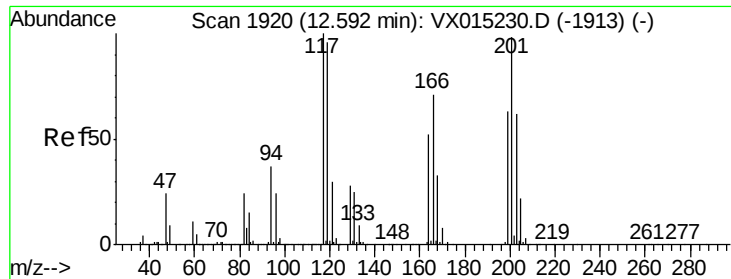


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

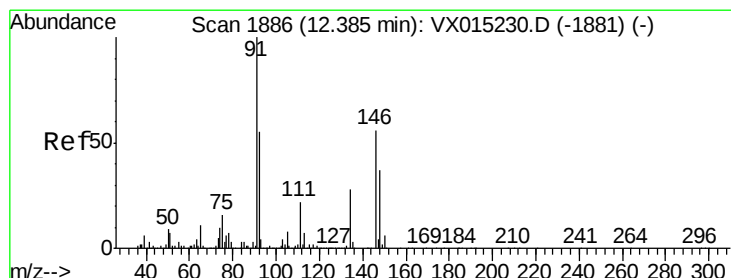
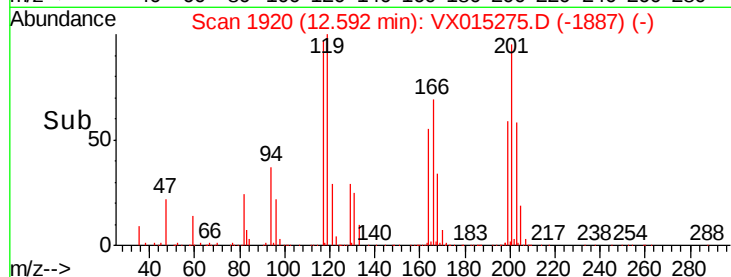
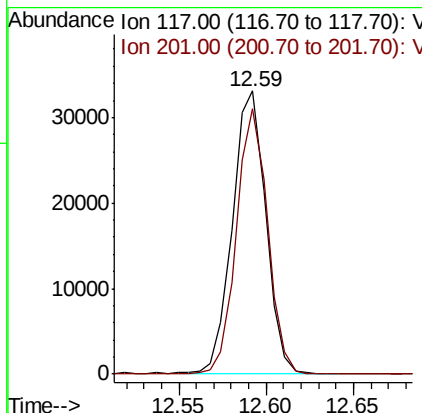
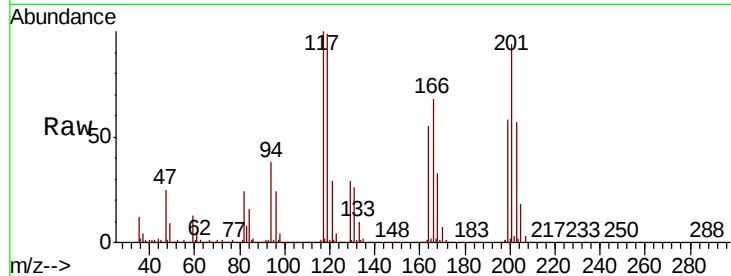




#86
Hexachloroethane
Concen: 17.698 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

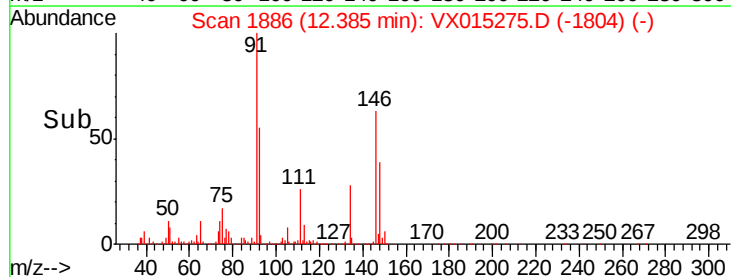
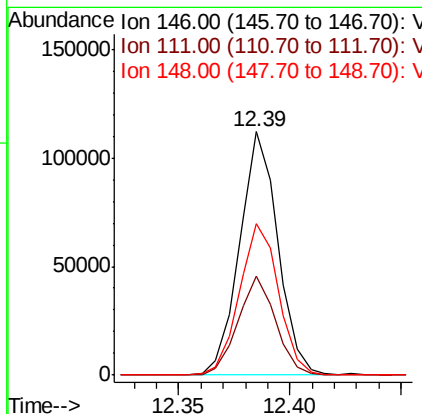
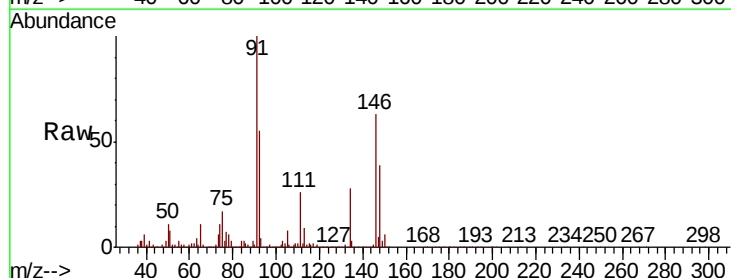
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

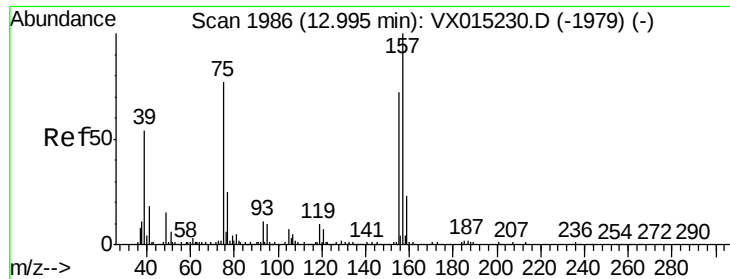
Tot Ion:117 Resp: 43756
Ion Ratio Lower Upper
117 100
201 87.9 47.8 143.3



#87
1,2-Dichlorobenzene
Concen: 18.513 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion:146 Resp: 134492
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.4
148 63.9 32.4 97.0





#88

1,2-Dibromo-3-Chloropropane

Concen: 18.730 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

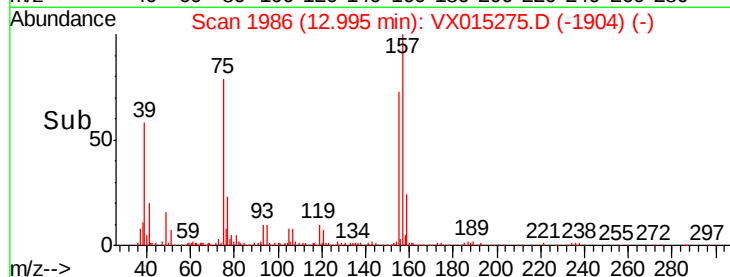
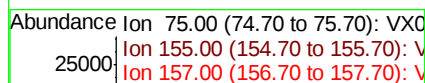
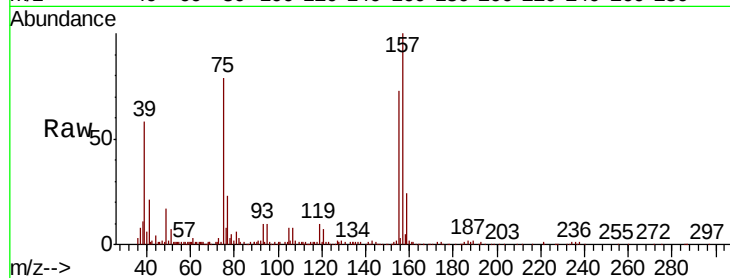
MSVOA_X

ClientSampleId :

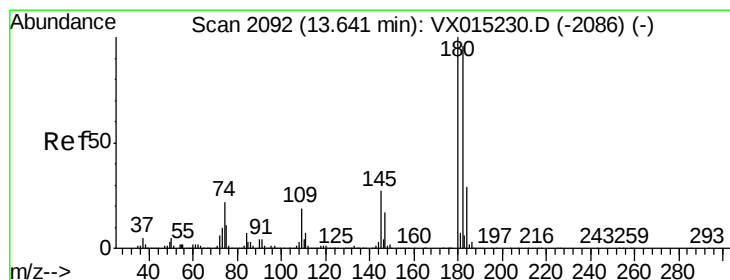
VX0313WBS02

Tot Ion: 75 Resp: 19355

Ion	Ratio	Lower	Upper
75	100		
155	95.9	77.5	116.3
157	121.9	103.0	154.4



Time-->



#89

1,2,4-Trichlorobenzene

Concen: 17.182 ug/l

RT: 13.64 min Scan# 2092

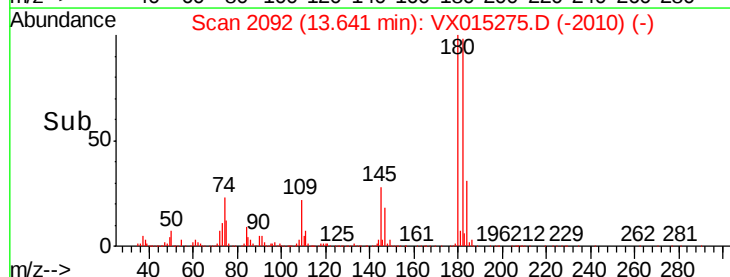
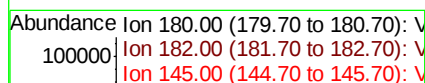
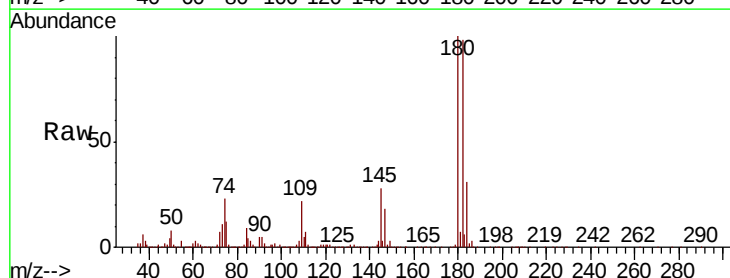
Delta R.T. -0.00 min

Lab File: VX015275.D

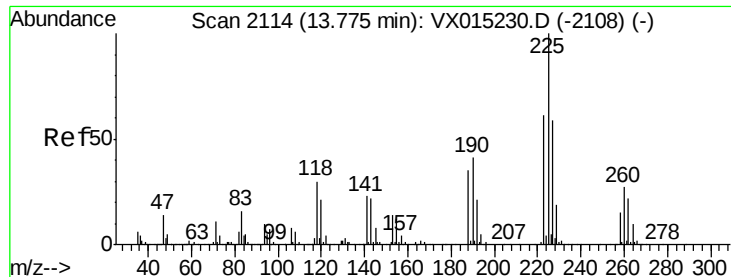
Acq: 13 Mar 2020 22:29

Tgt Ion:180 Resp: 92260

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	115.0
145	28.7	22.7	34.1



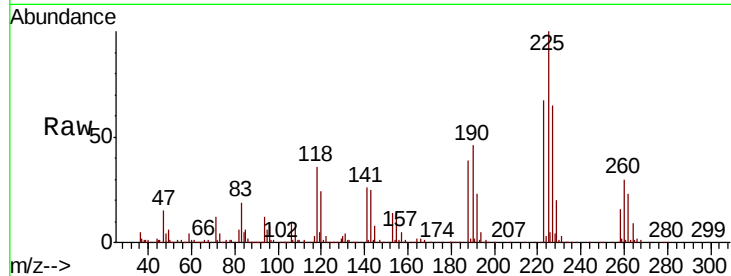
Time-->



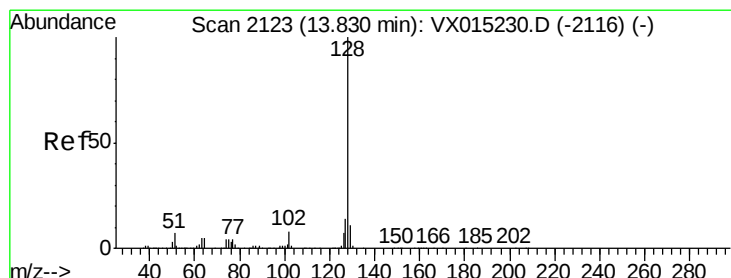
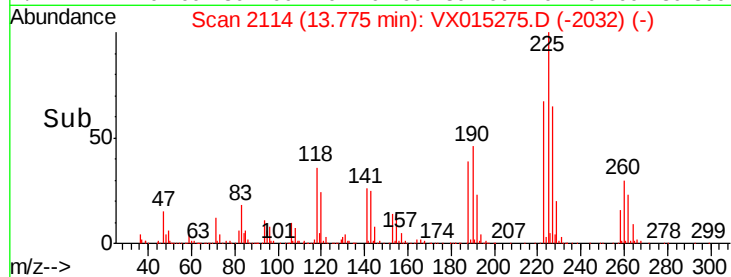
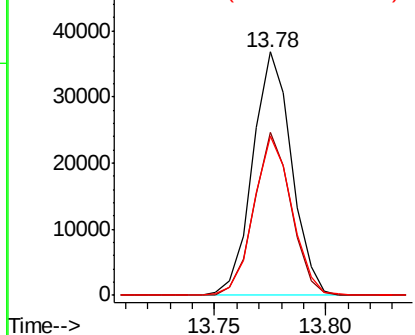
#90
Hexachlorobutadiene
Concen: 16.251 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion:225 Resp: 44893
Ion Ratio Lower Upper
225 100
223 63.3 0.0 125.0
227 63.6 0.0 126.2

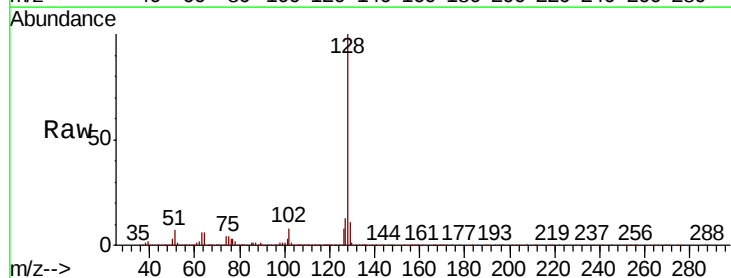


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

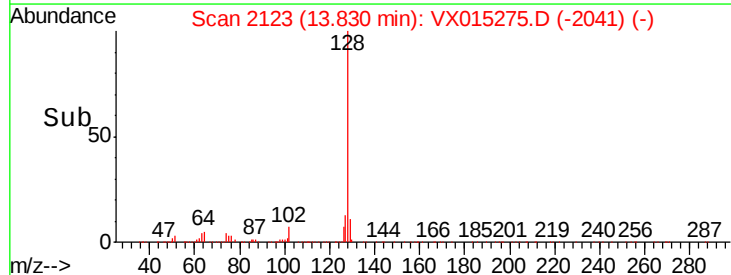
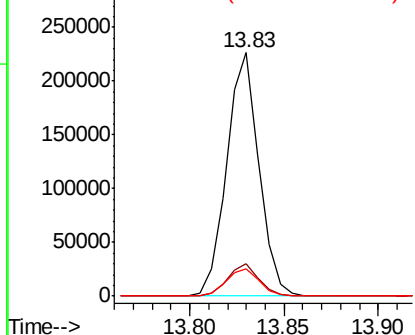


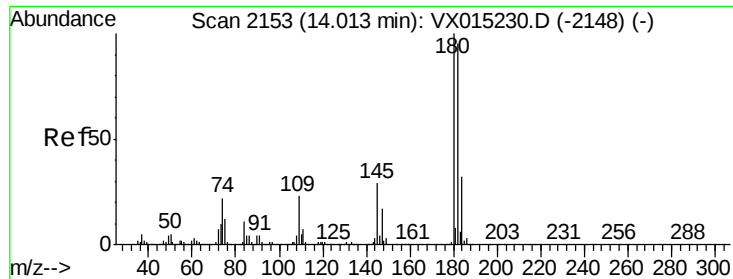
#91
Naphthalene
Concen: 18.017 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion:128 Resp: 268013
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

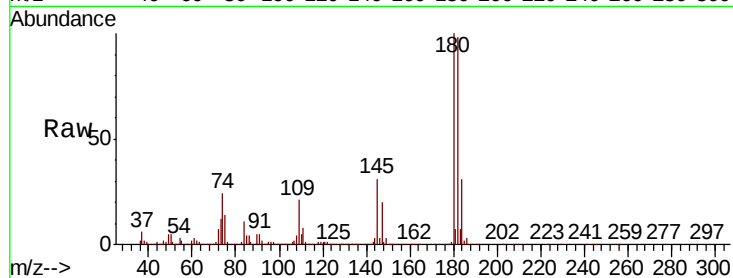




#92
 1,2,3-Trichlorobenzene
 Concen: 17.728 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	0.0	192.0
145	29.5	0.0	60.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

