

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\
 Data File : VX013736.D
 Acq On : 03 Dec 2019 19:41
 Operator : JC/SP
 Sample : K6084-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:41:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	717767	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	1104353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1024046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	644364	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	397543	47.71	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	5.50	113	276932	40.56	ug/l	0.01
Spiked Amount	50.000		Recovery	=	81.12%	
50) Toluene-d8	8.72	98	1342793	50.48	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.14	95	489113	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
3) Chloromethane	1.29	50	34048	3.798	ug/l #	69
5) Bromomethane	1.63	94	3183	0.470	ug/l	83
8) Diethyl Ether	2.18	74	3931887	775.730	ug/l	92
10) Methyl Iodide	2.51	142	4193	0.507	ug/l #	88
11) Tert butyl alcohol	3.05	59	10853024	5277.371	ug/l #	90
13) Acrolein	2.38	56	33363	29.679	ug/l #	15
14) Allyl chloride	2.62	41	1665608	134.365	ug/l #	66
15) Acrylonitrile	3.17	53	37496	8.833	ug/l #	36
16) Acetone	2.43	43	18856797	4584.188	ug/l #	82
17) Carbon Disulfide	2.56	76	22861	1.174	ug/l	96
18) Methyl Acetate	2.76	43	3729736	325.618	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	2926083	129.308	ug/l	93
20) Methylene Chloride	2.84	84	13934	1.763	ug/l #	80
22) Diisopropyl ether	3.81	45	9491301	397.638	ug/l #	1
23) Vinyl Acetate	3.81	43	506741	25.520	ug/l #	78
24) 1,1-Dichloroethane	3.81	63	74344	5.698	ug/l #	85
25) 2-Butanone	4.67	43	6553555	1072.006	ug/l	98
26) 2,2-Dichloropropane	4.47	77	371460	34.407	ug/l #	51
29) Tetrahydrofuran	5.12	42	333987	88.621	ug/l	93
31) Cyclohexane	5.57	56	725954	58.985	ug/l	99
36) 1,1-Dichloropropene	5.94	75	3467	0.346	ug/l #	50
37) Ethyl Acetate	4.83	43	465854	41.423	ug/l #	93
38) Carbon Tetrachloride	5.65	117	64293	6.955	ug/l #	16
39) Methylcyclohexane	7.46	83	696596	56.216	ug/l #	83
41) Methacrylonitrile	5.13	41	441760	71.625	ug/l #	43
42) 1,2-Dichloroethane	6.17	62	1515669	145.560	ug/l #	72
43) Isopropyl Acetate	6.44	43	2404235	129.854	ug/l #	83
45) 1,2-Dichloropropane	7.61	63	30695	4.018	ug/l #	43
48) Methyl methacrylate	7.76	41	613763	68.227	ug/l #	37
49) 1,4-Dioxane	7.76	88	1844174	9158.421	ug/l	93
51) 4-Methyl-2-Pentanone	8.66	43	2858236	245.420	ug/l	99
53) t-1,3-Dichloropropene	8.97	75	254437	22.791	ug/l #	45
54) cis-1,3-Dichloropropene	8.40	75	354054	29.028	ug/l #	1
55) 1,1,2-Trichloroethane	9.17	97	33017	4.320	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013736.D
 Acq On : 03 Dec 2019 19:41
 Operator : JC/SP
 Sample : K6084-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

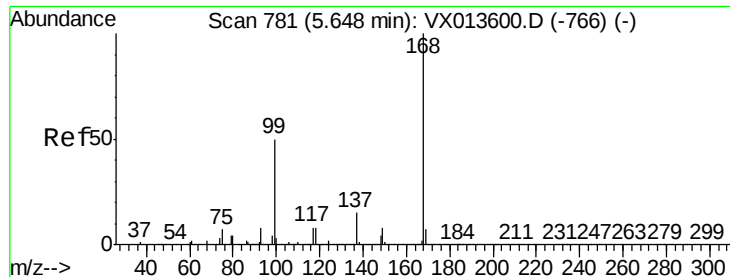
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:41:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

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

56) Ethyl methacrylate	9.11	69	648077	52.736	ug/l #	1
57) 1,3-Dichloropropane	9.23	76	86239	6.546	ug/l #	51
58) 2-Chloroethyl Vinyl ether	8.40	63	516622	107.223	ug/l #	89
59) 2-Hexanone	9.51	43	1294455	142.510	ug/l	93
67) Ethyl Benzene	10.25	91	12040980	329.573	ug/l #	86
68) m/p-Xylenes	10.25	106	4258380	304.438	ug/l #	44
69) o-Xylene	10.70	106	11701246	857.728	ug/l	54
70) Styrene	10.70	104	700569	30.528	ug/l #	1
73) Isopropylbenzene	11.02	105	1732040	38.320	ug/l	100
74) N-amyl acetate	10.83	43	17300039	835.533	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.20	83	142758	9.107	ug/l #	1
76) 1,2,3-Trichloropropane	11.34	75	58046	4.005	ug/l #	1
78) n-propylbenzene	11.36	91	1781245	35.302	ug/l	96
79) 2-Chlorotoluene	11.44	91	1589299	52.508	ug/l #	63
80) 1,3,5-Trimethylbenzene	11.51	105	7364812	198.806	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43692	8.248	ug/l #	11
82) 4-Chlorotoluene	11.51	91	777065	22.166	ug/l #	43
83) tert-Butylbenzene	11.81	119	1739444	46.202	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.81	105	12723654	338.420	ug/l	96
85) sec-Butylbenzene	11.81	105	12721027	295.816	ug/l #	55
86) p-Isopropyltoluene	12.04	119	991206	24.777	ug/l #	77
89) n-Butylbenzene	12.38	91	538104	15.770	ug/l #	21
90) Hexachloroethane	12.59	117	72156	9.979	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.96	75	18868	5.528	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.64	180	3081	0.210	ug/l #	1
95) Naphthalene	13.83	128	668044	15.305	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 783

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

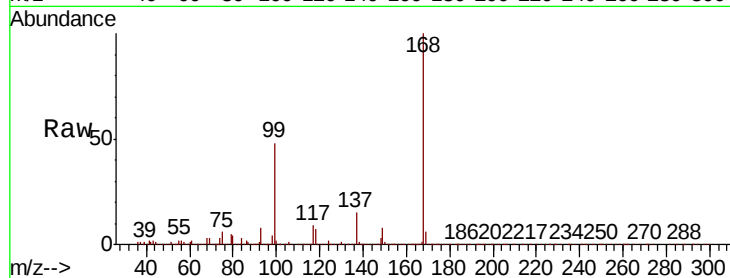
ClientSampled :

Tot Ion:168 Resp: 717767

Ion Ratio Lower Upper

168 100

99 47.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

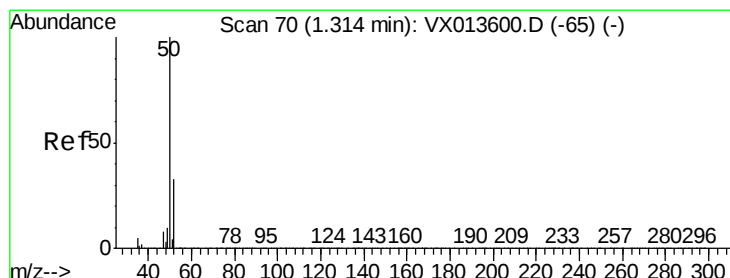
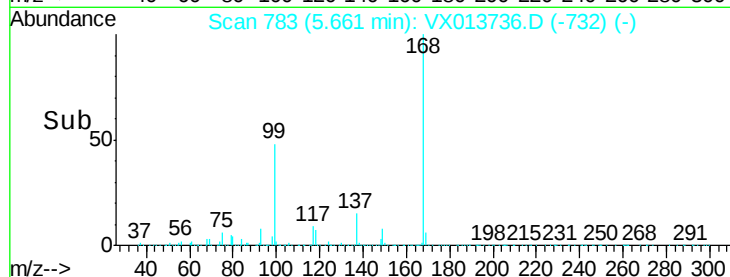
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 3.798 ug/l

RT: 1.29 min Scan# 66

Delta R.T. -0.02 min

Lab File: VX013736.D

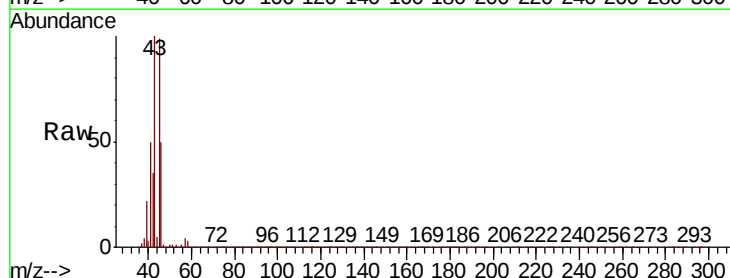
Acq: 03 Dec 2019 19:41

Tgt Ion: 50 Resp: 34048

Ion Ratio Lower Upper

50 100

52 15.3 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

200000

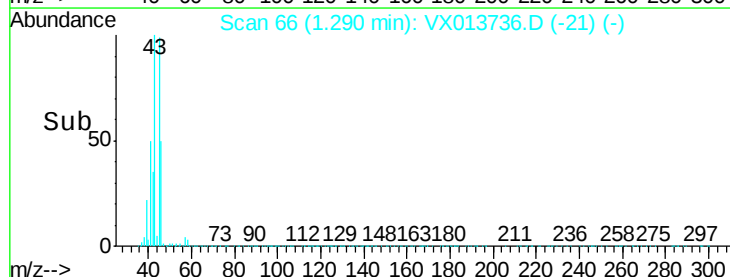
150000

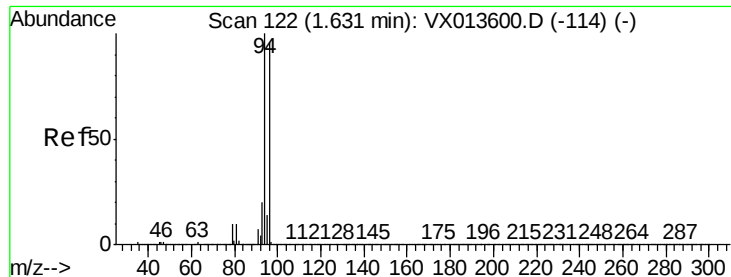
100000

50000

0

Time-->





#5

Bromomethane

Concen: 0.470 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

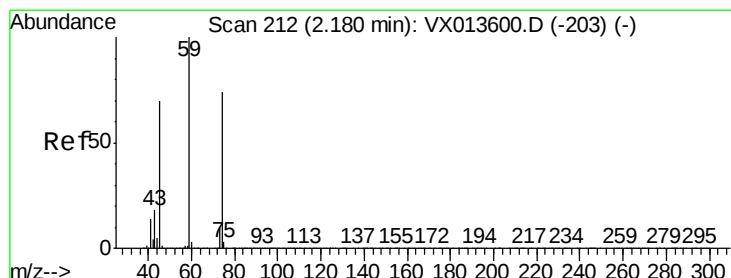
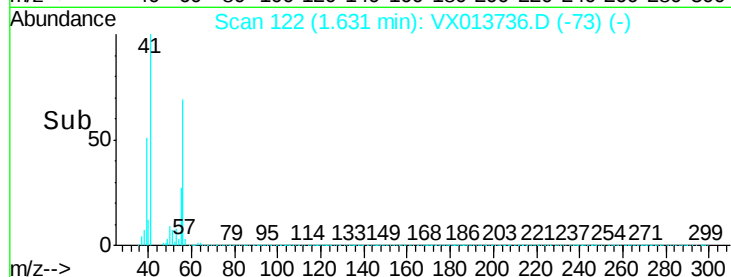
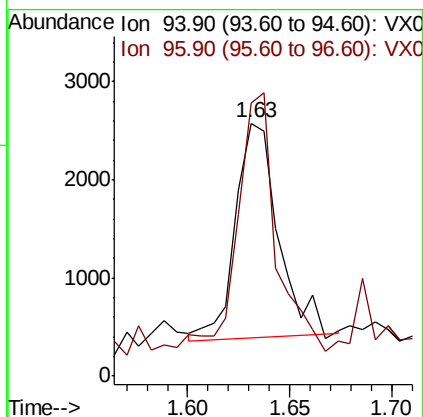
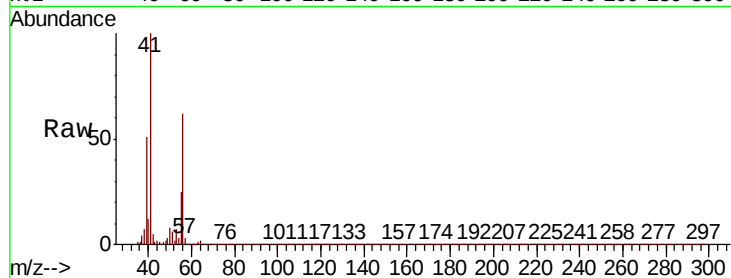
ClientSampleId :

Tot Ion: 94 Resp: 3183

Ion Ratio Lower Upper

94 100

96 113.3 77.0 115.4



#8

Diethyl Ether

Concen: 775.730 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX013736.D

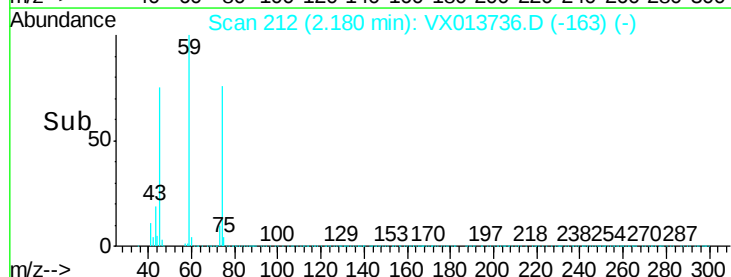
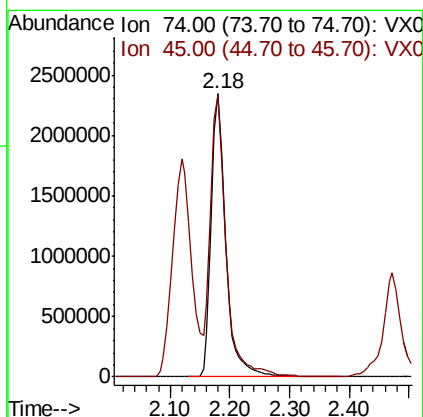
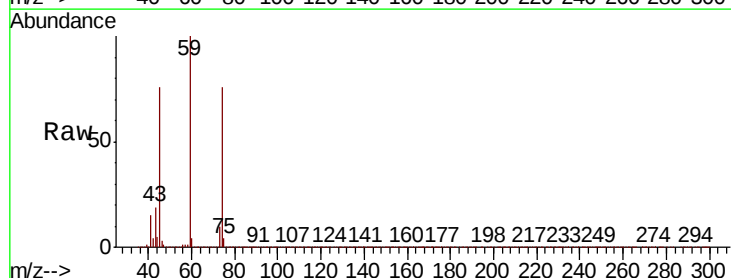
Acq: 03 Dec 2019 19:41

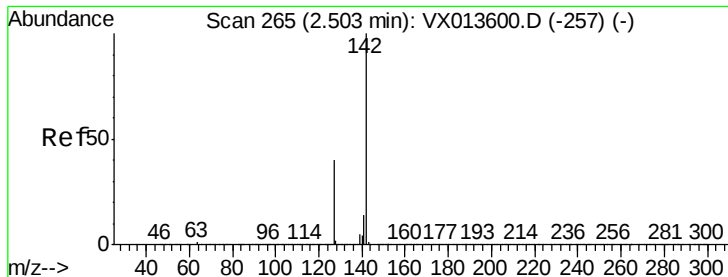
Tgt Ion: 74 Resp: 3931887

Ion Ratio Lower Upper

74 100

45 105.8 48.9 146.8

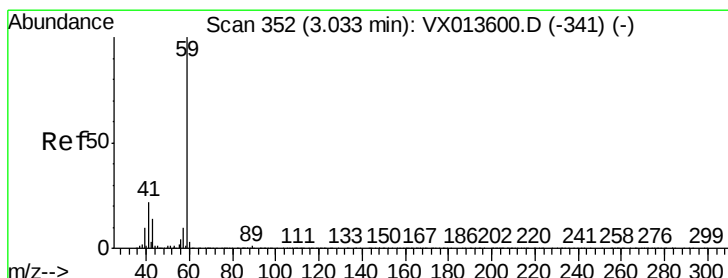
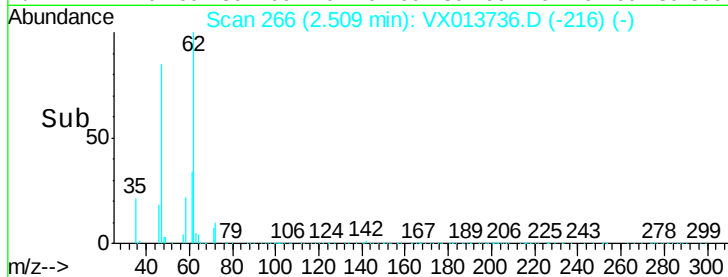
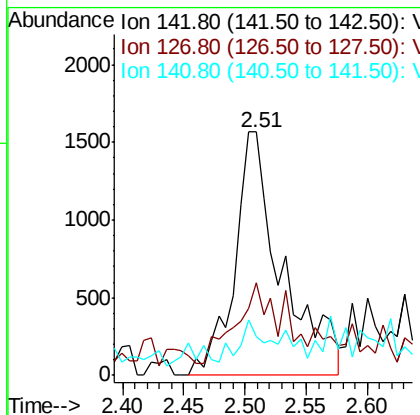
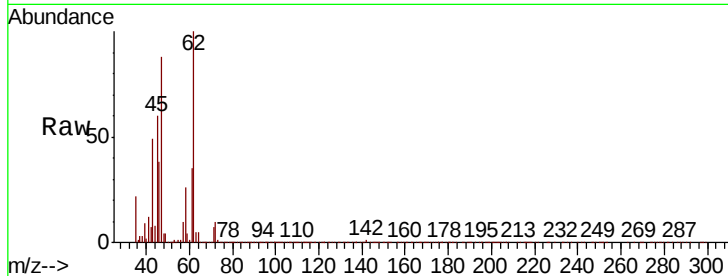




#10
Methvl Iodide
Concen: 0.507 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

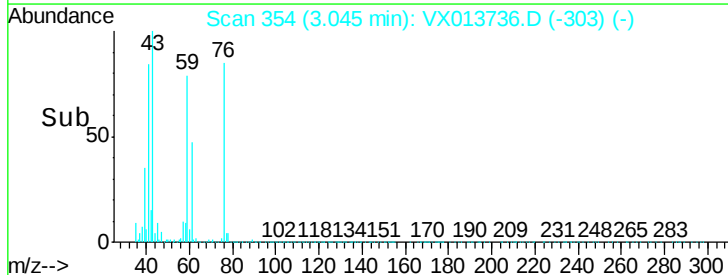
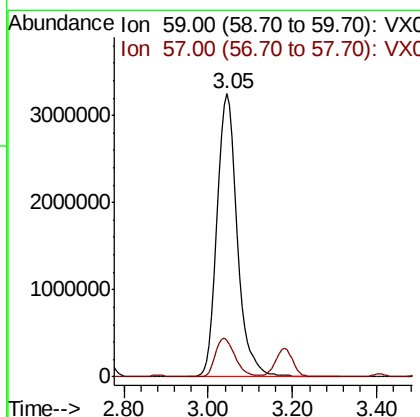
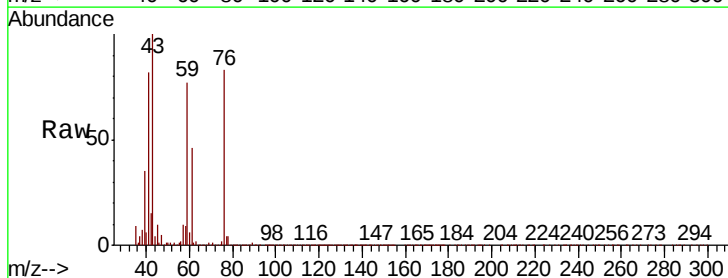
Instrument :
MSVOA_X
ClientSampled :

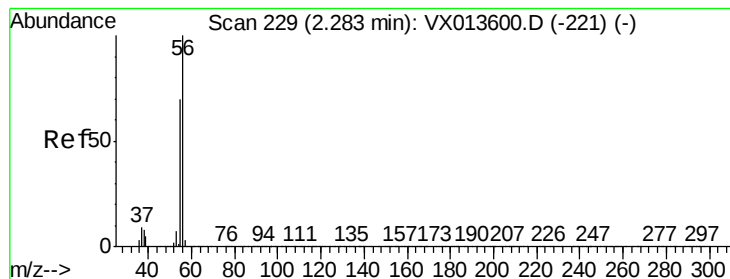
Tot Ion:142 Resp: 4193
Ion Ratio Lower Upper
142 100
127 32.9 31.0 46.4
141 7.1 11.6 17.4#



#11
Tert butyl alcohol
Concen: 5277.371 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion: 59 Resp:10853024
Ion Ratio Lower Upper
59 100
57 13.6 7.8 11.6#





#13

Acrolein

Concen: 29.679 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.10 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

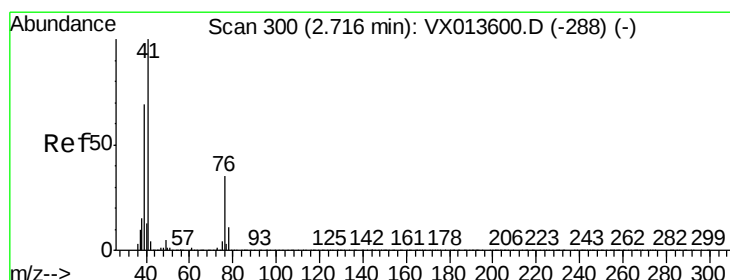
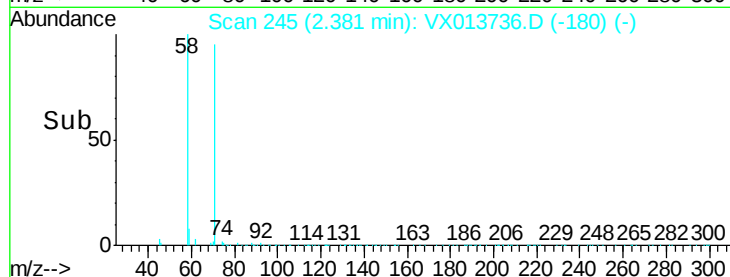
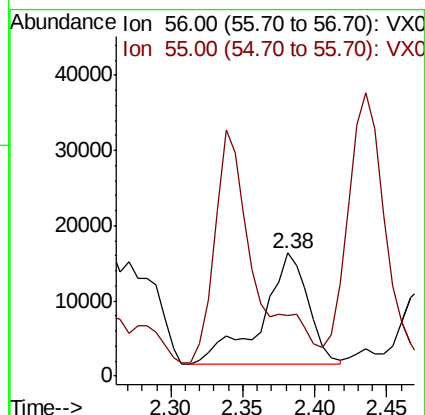
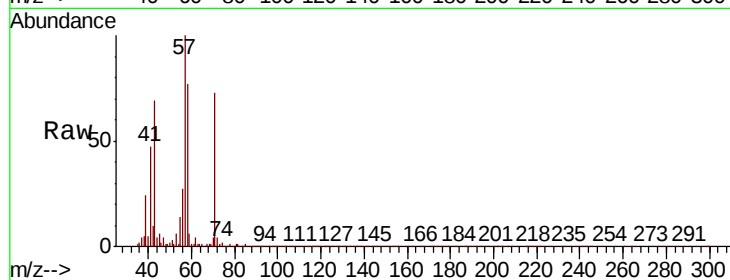
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 33363

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



#14

Allyl chloride

Concen: 134.365 ug/l

RT: 2.62 min Scan# 284

Delta R.T. -0.10 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

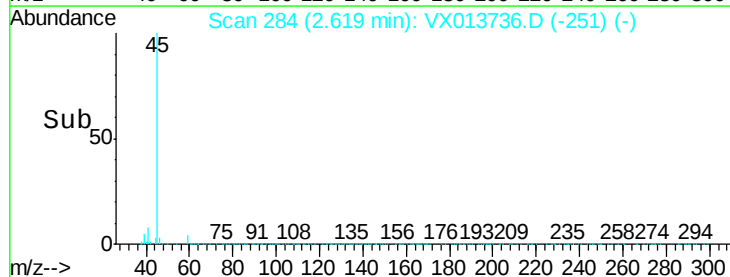
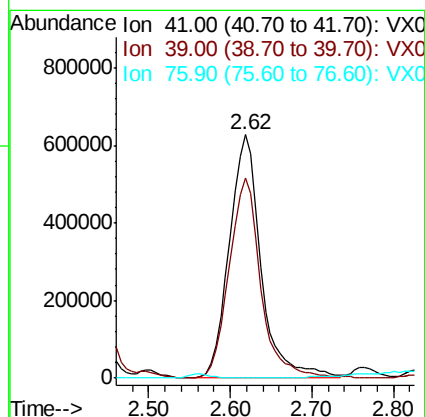
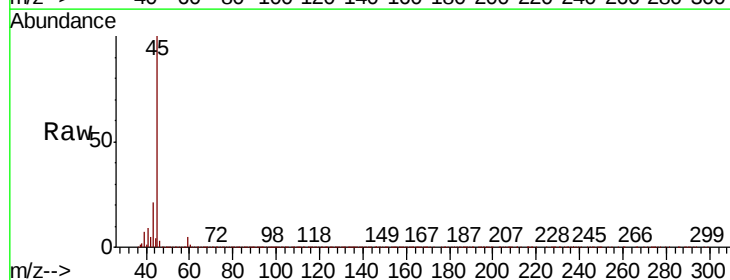
Tgt Ion: 41 Resp: 1665608

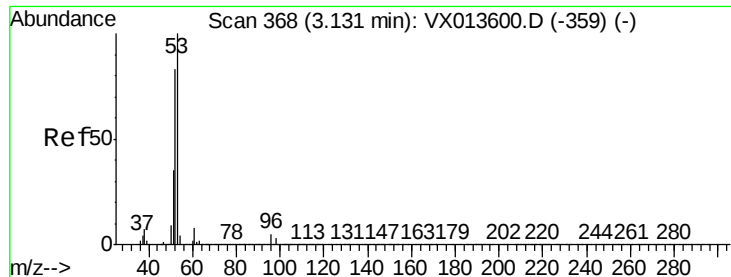
Ion Ratio Lower Upper

41 100

39 82.2 51.7 77.5#

76 0.0 25.9 38.9#





#15

Acrylonitrile

Concen: 8.833 ug/l

RT: 3.17 min Scan# 375

Delta R.T. 0.04 min

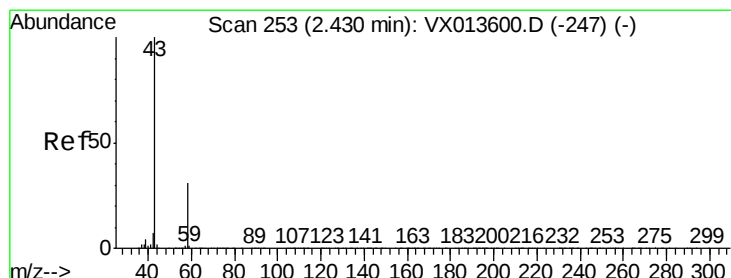
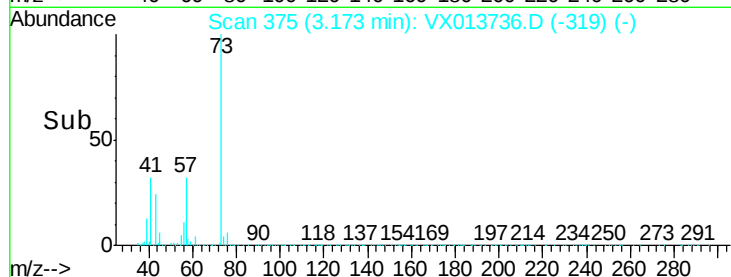
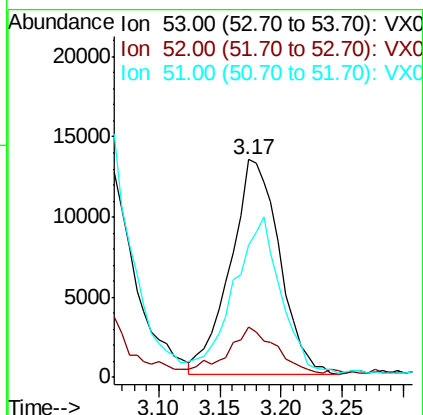
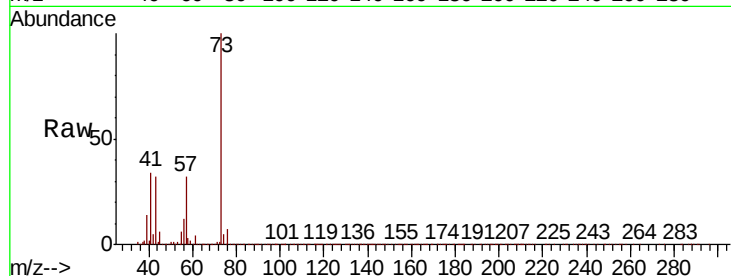
Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 37496

Ion	Ratio	Lower	Upper
53	100		
52	21.2	66.2	99.2#
51	68.3	29.0	43.6#



#16

Acetone

Concen: 4584.188 ug/l

RT: 2.43 min Scan# 253

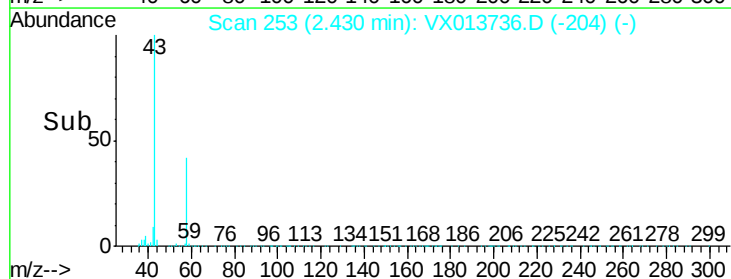
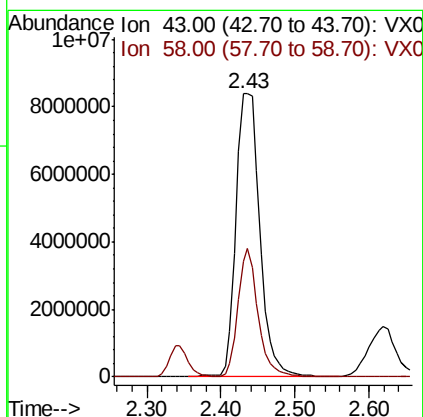
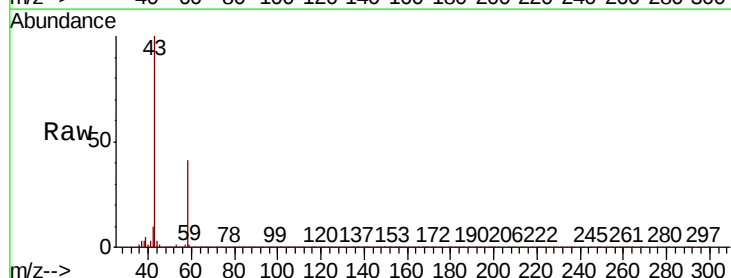
Delta R.T. 0.00 min

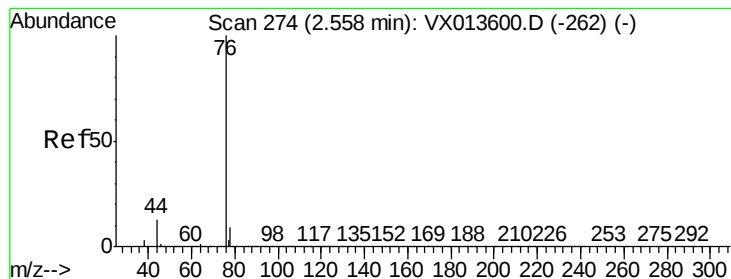
Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Tgt Ion: 43 Resp: 18856797

Ion	Ratio	Lower	Upper
43	100		
58	40.7	24.6	36.8#





#17

Carbon Disulfide

Concen: 1.174 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

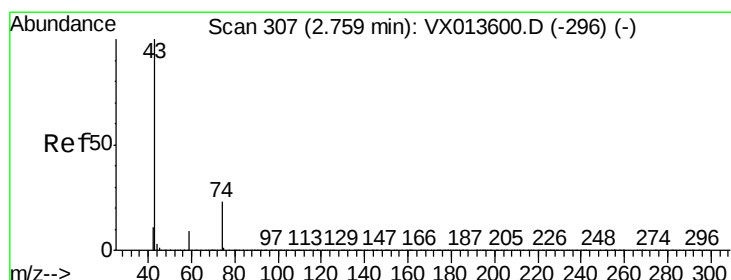
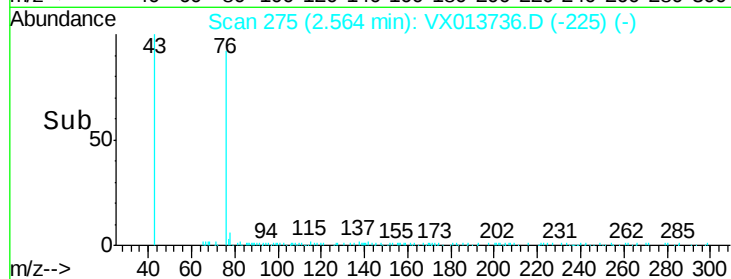
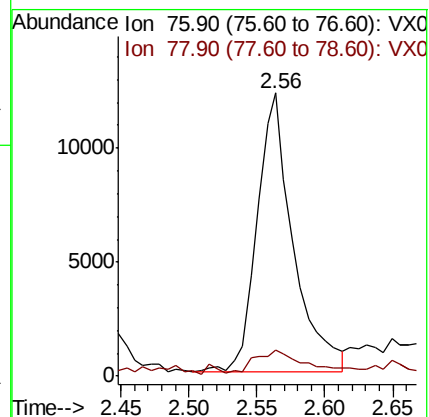
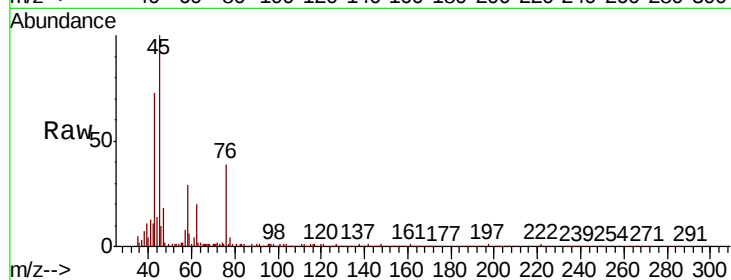
ClientSampled :

Tot Ion: 76 Resp: 22861

Ion Ratio Lower Upper

76 100

78 7.5 7.2 10.8



#18

Methyl Acetate

Concen: 325.618 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013736.D

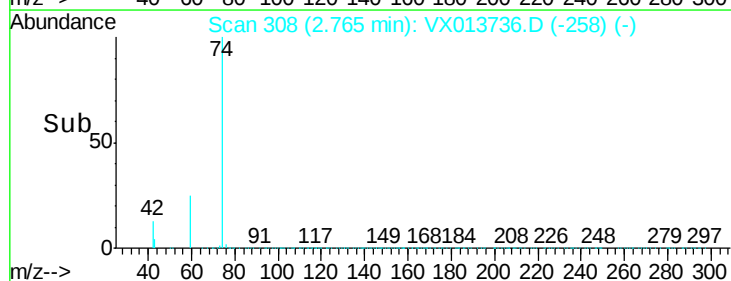
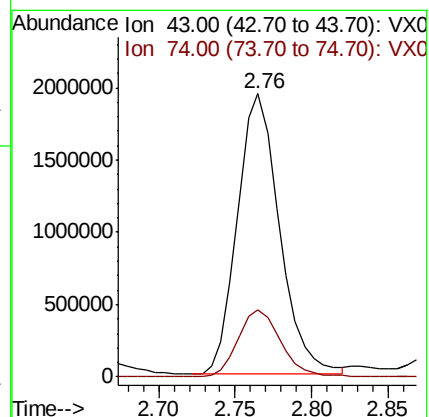
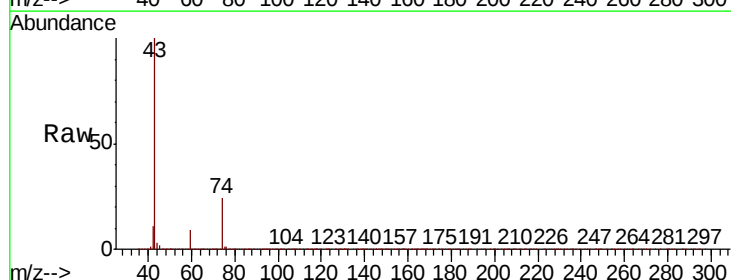
Acq: 03 Dec 2019 19:41

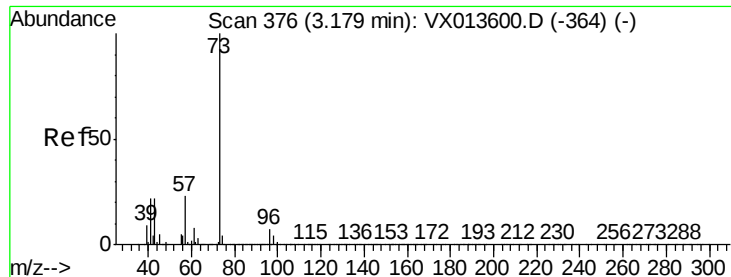
Tgt Ion: 43 Resp: 3729736

Ion Ratio Lower Upper

43 100

74 24.4 19.5 29.3



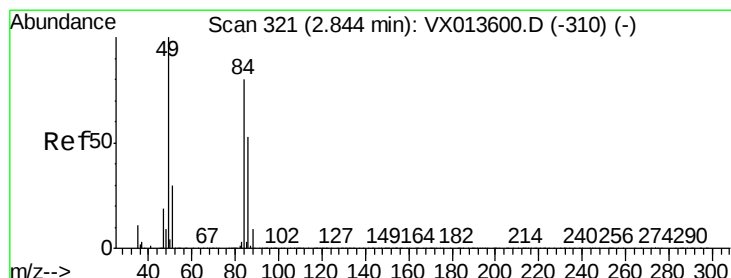
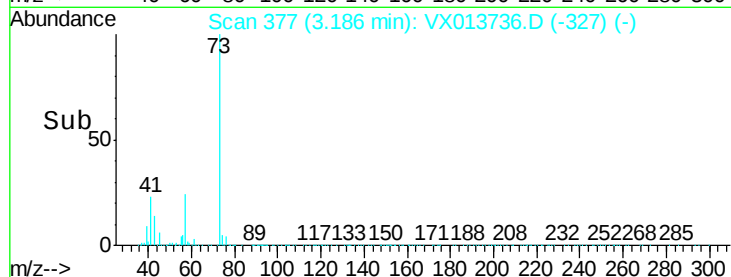
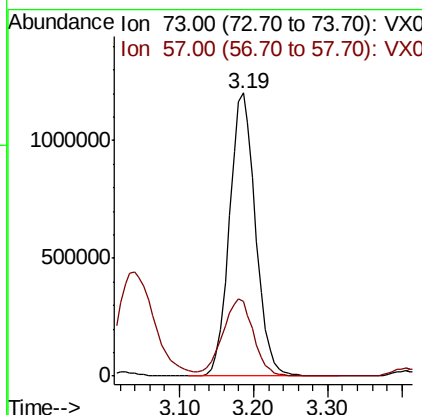
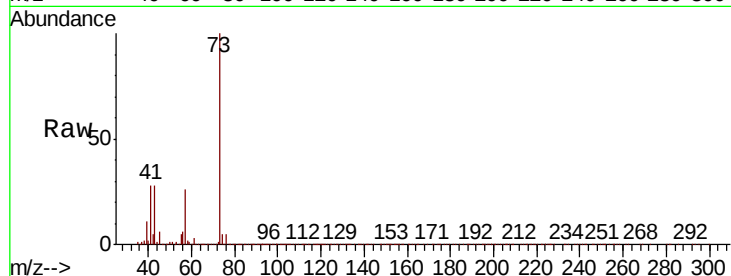


#19

Methyl tert-butyl Ether
 Concen: 129.308 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013736.D
 Acq: 03 Dec 2019 19:41

Instrument :
 MSVOA_X
 ClientSampled :

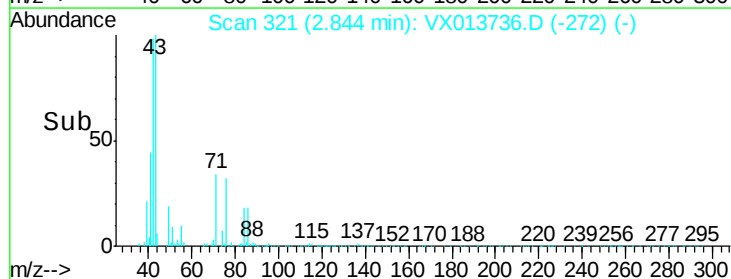
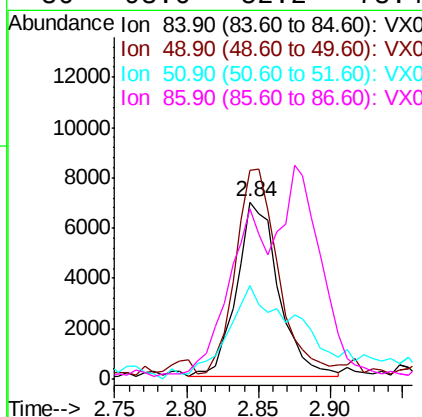
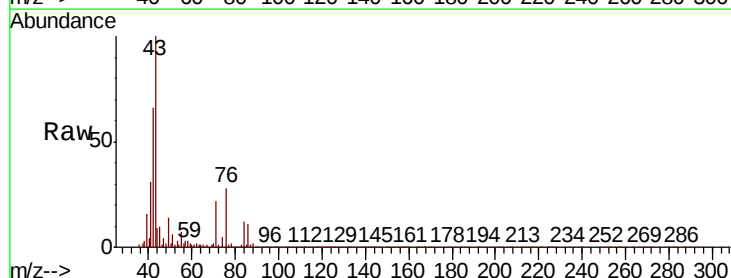
Tot Ion: 73 Resp: 2926083
 Ion Ratio Lower Upper
 73 100
 57 26.1 18.3 27.5

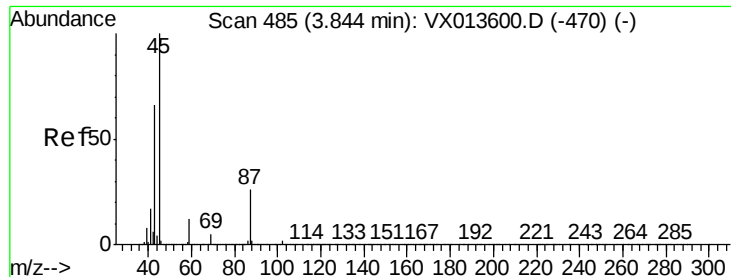


#20

Methylene Chloride
 Concen: 1.763 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013736.D
 Acq: 03 Dec 2019 19:41

Tgt Ion: 84 Resp: 13934
 Ion Ratio Lower Upper
 84 100
 49 112.2 99.7 149.5
 51 51.3 29.9 44.9#
 86 93.6 52.2 78.4#





#22

Diisopropyl ether

Concen: 397.638 ug/l

RT: 3.81 min Scan# 480

Delta R.T. -0.03 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 45 Resp: 9491301

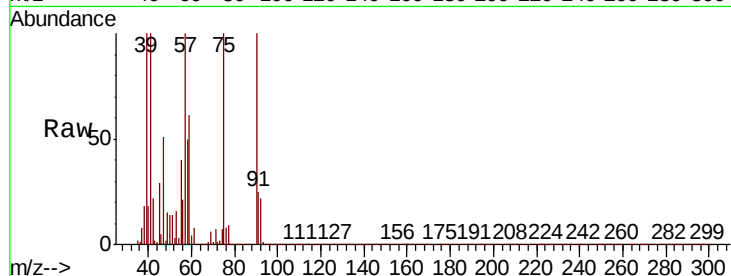
Ion Ratio Lower Upper

45 100

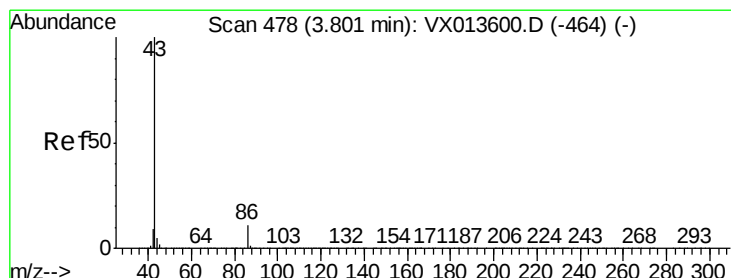
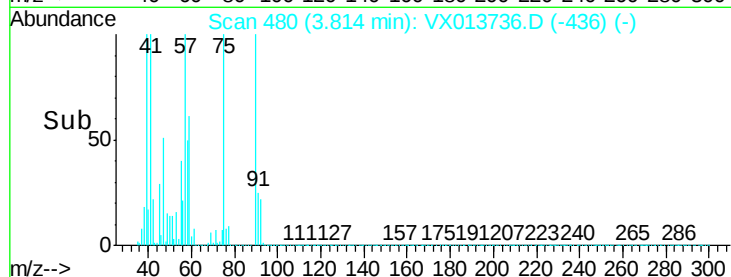
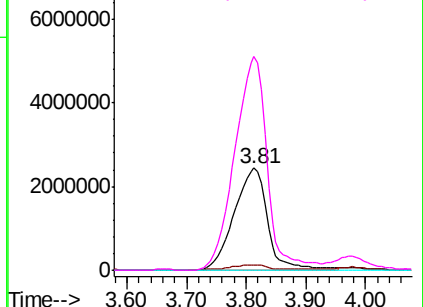
43 5.0 52.6 79.0#

87 0.6 21.1 31.7#

59 209.7 9.2 13.8#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 25.520 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013736.D

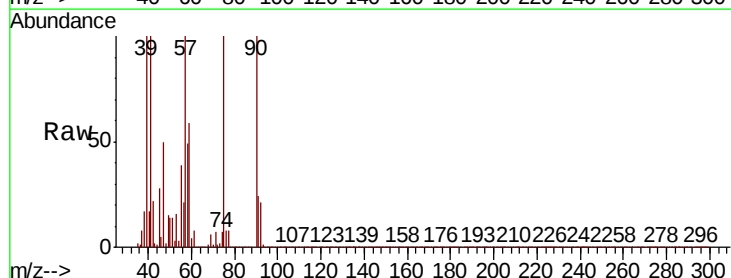
Acq: 03 Dec 2019 19:41

Tgt Ion: 43 Resp: 506741

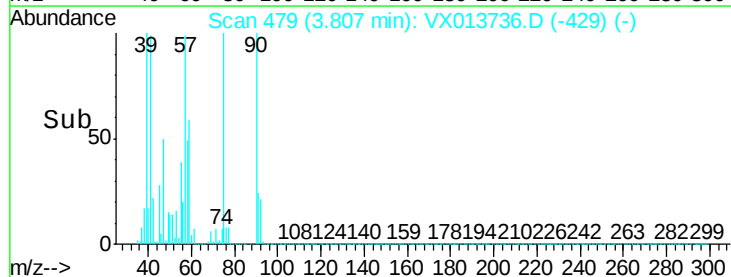
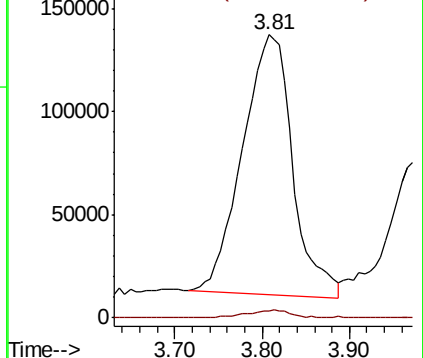
Ion Ratio Lower Upper

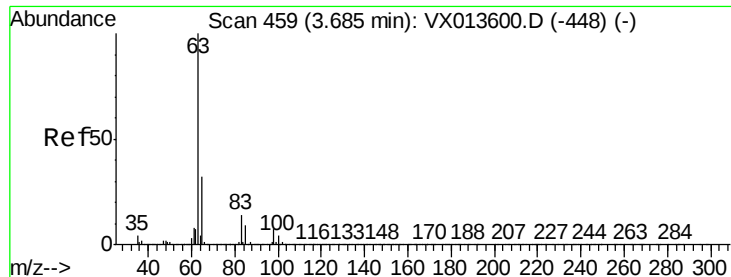
43 100

86 2.4 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 5.698 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.12 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

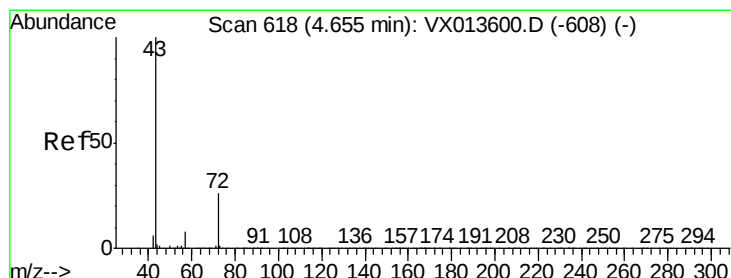
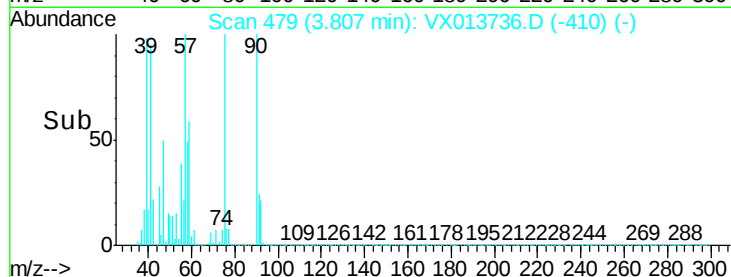
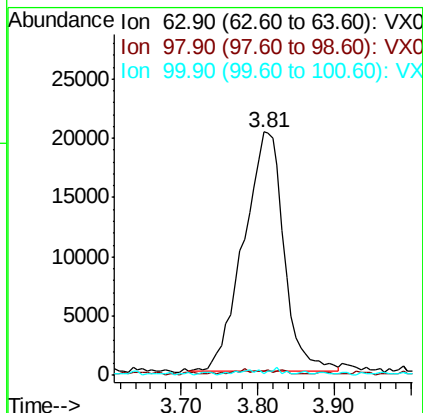
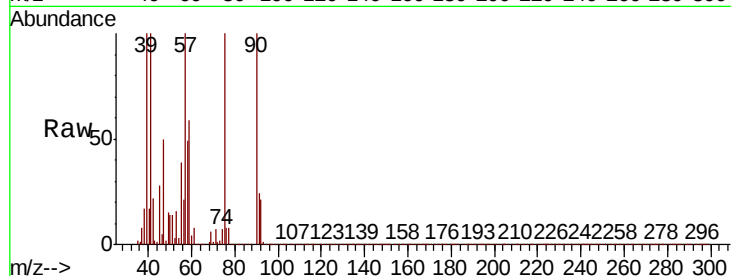
Tot Ion: 63 Resp: 74344

Ion Ratio Lower Upper

63 100

98 1.1 3.5 10.4#

100 0.1 2.1 6.3#



#25

2-Butanone

Concen: 1072.006 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013736.D

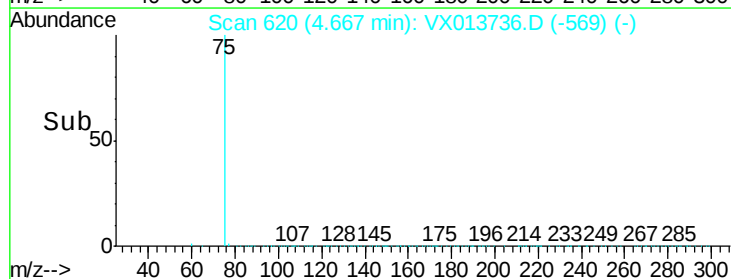
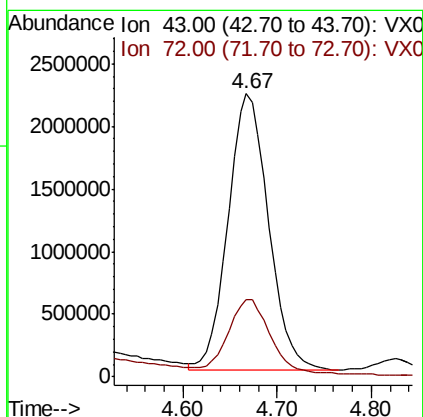
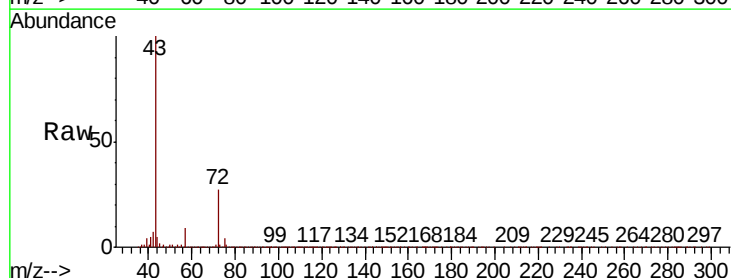
Acq: 03 Dec 2019 19:41

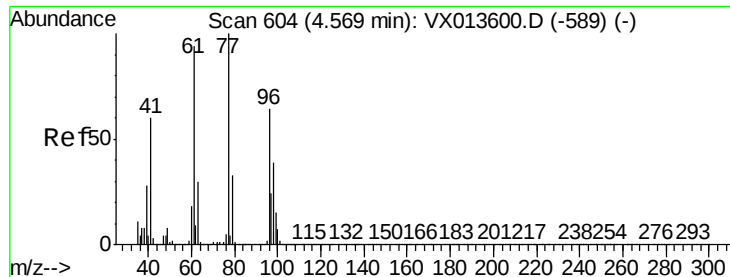
Tgt Ion: 43 Resp: 6553555

Ion Ratio Lower Upper

43 100

72 26.6 20.6 31.0





#26

2,2-Dichloropropane

Concen: 34.407 ug/l

RT: 4.47 min Scan# 587

Delta R.T. -0.10 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

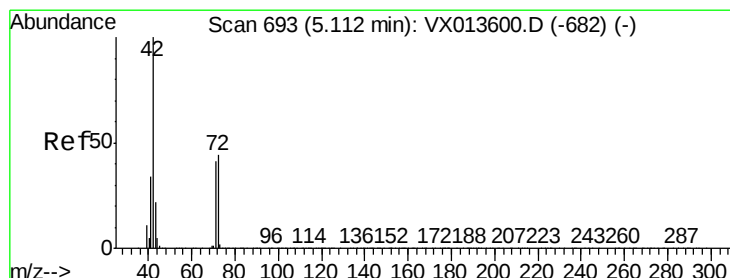
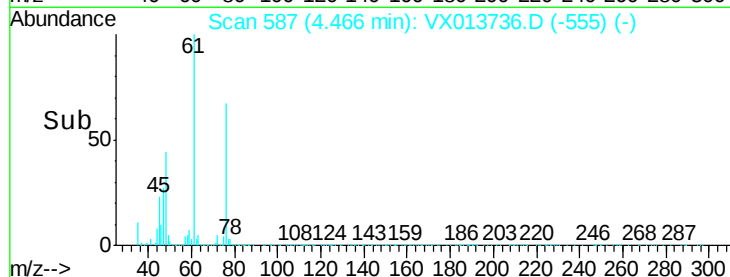
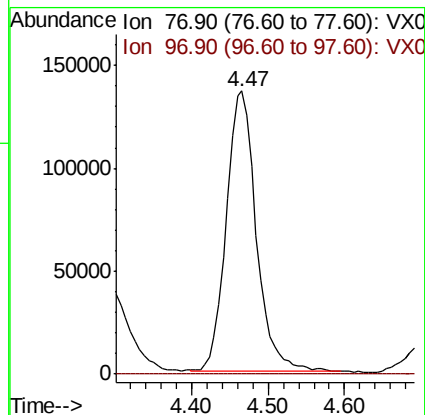
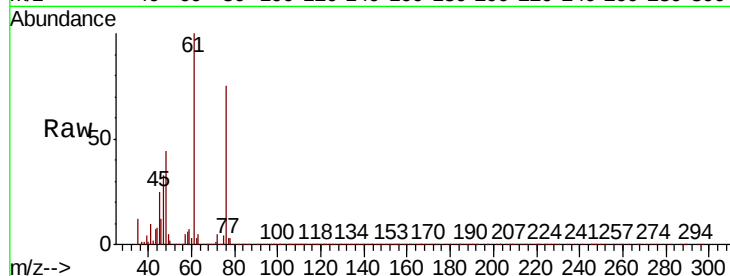
ClientSampled :

Tot Ion: 77 Resp: 371460

Ion Ratio Lower Upper

77 100

97 0.1 12.0 36.1#



#29

Tetrahydrofuran

Concen: 88.621 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

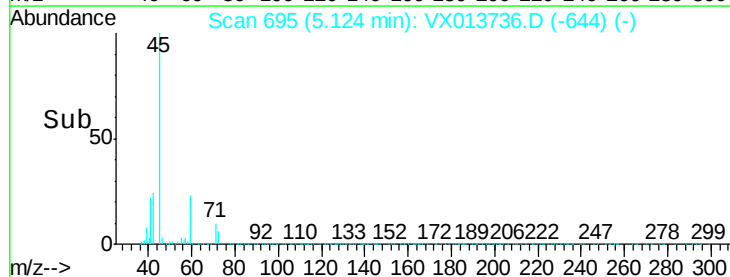
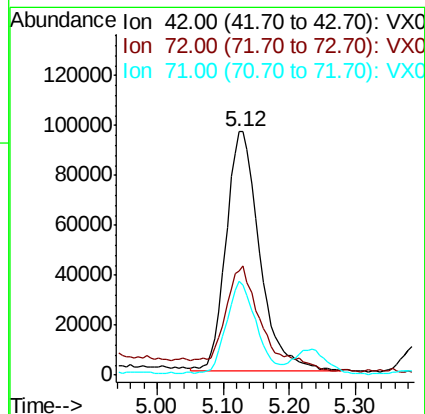
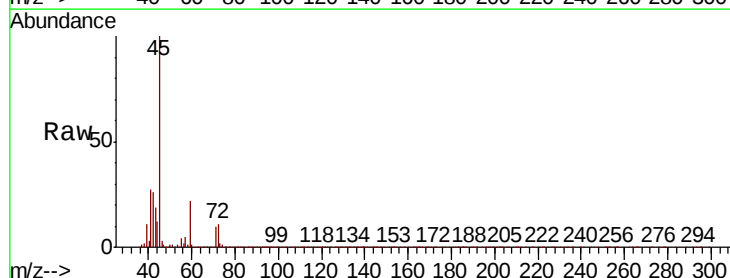
Tgt Ion: 42 Resp: 333987

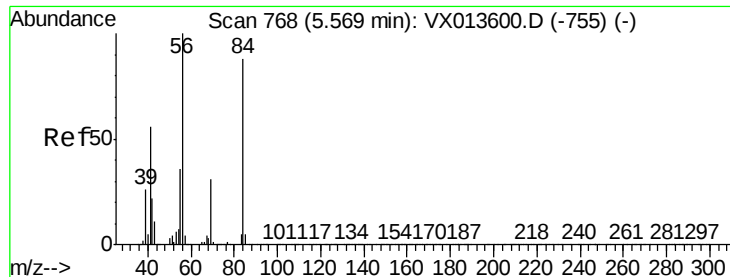
Ion Ratio Lower Upper

42 100

72 47.7 36.3 54.5

71 35.1 33.2 49.8

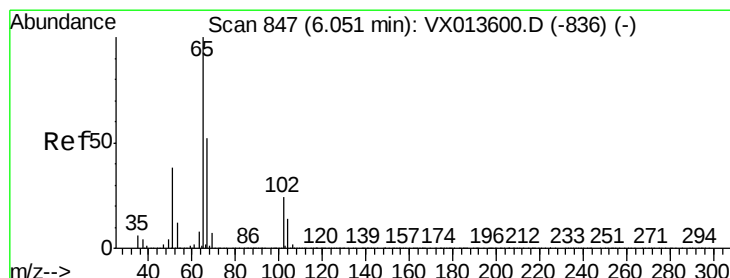
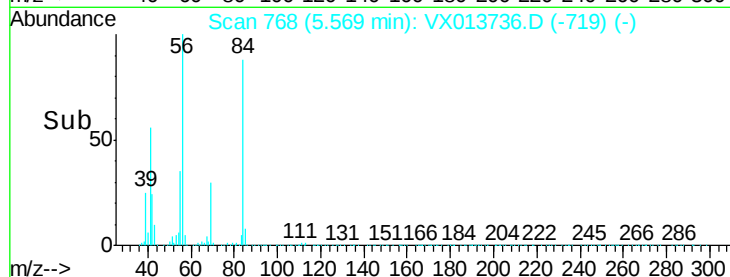
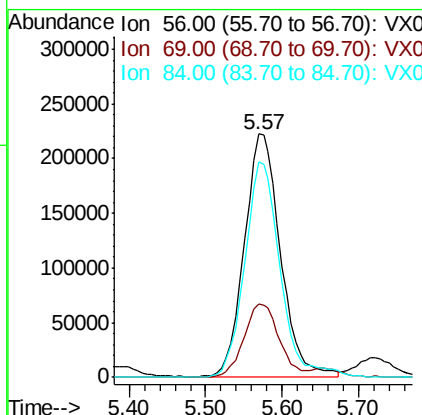
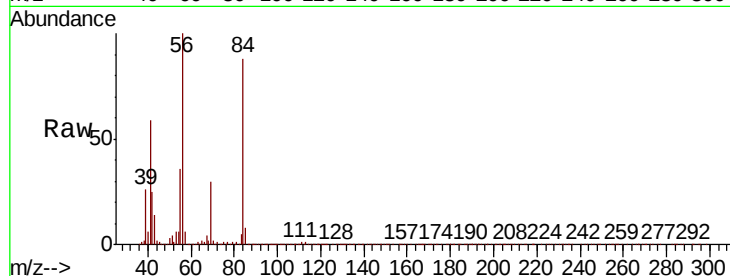




#31
Cyclohexane
Concen: 58.985 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

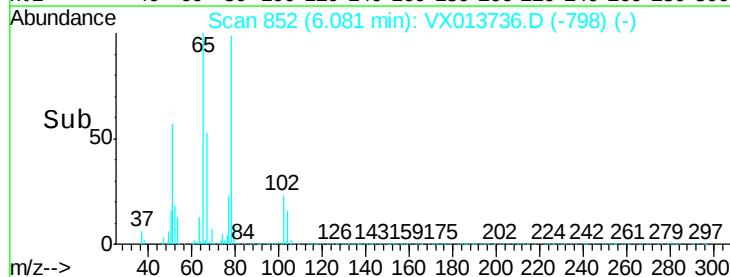
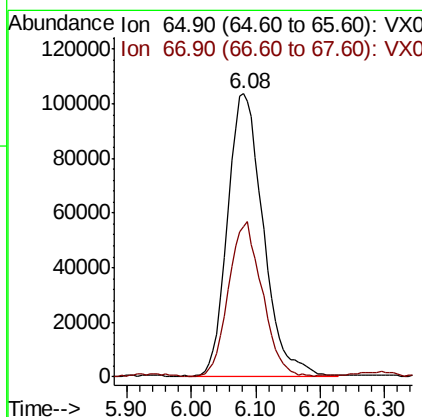
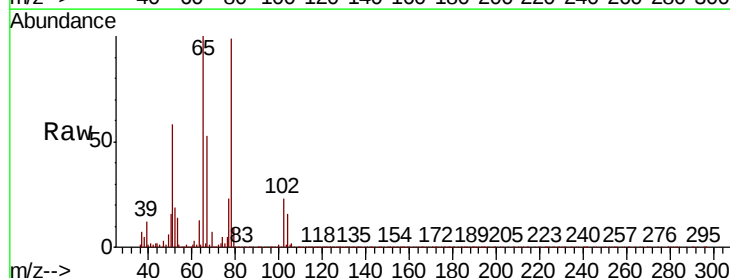
Instrument :
MSVOA_X
ClientSampleId :

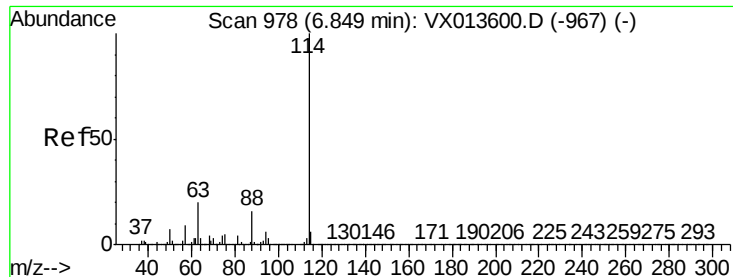
Tot Ion: 56 Resp: 725954
Ion Ratio Lower Upper
56 100
69 29.9 24.6 36.8
84 88.4 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 47.715 ug/l
RT: 6.08 min Scan# 852
Delta R.T. 0.03 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion: 65 Resp: 397543
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.4

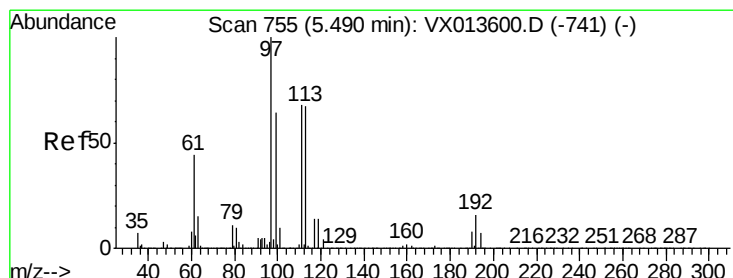
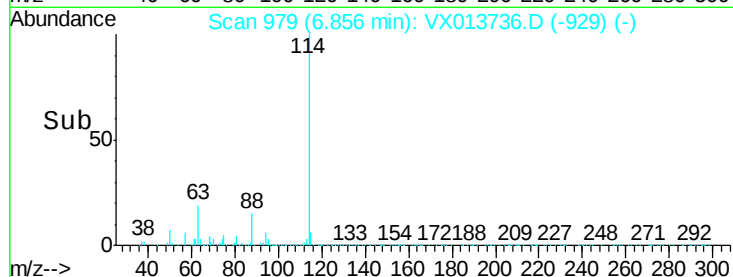
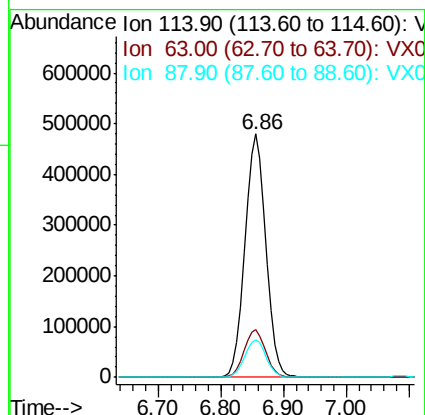
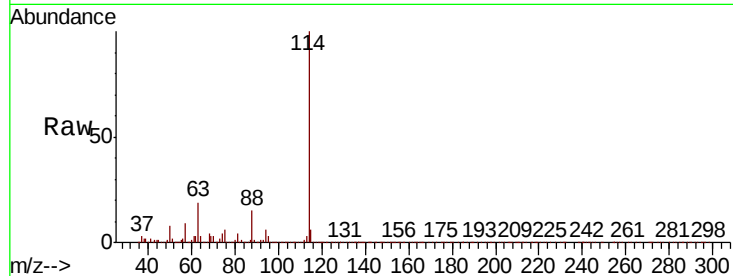




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

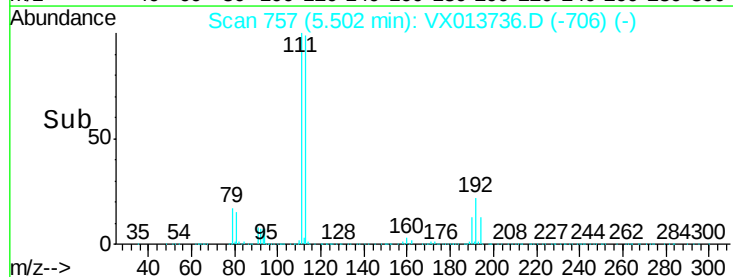
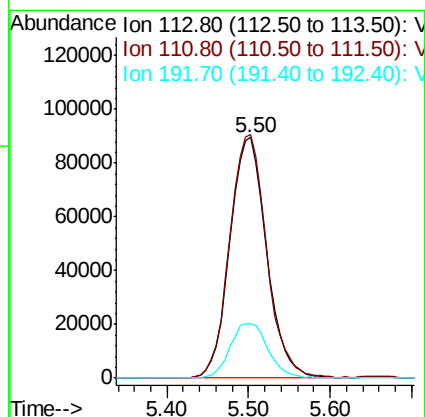
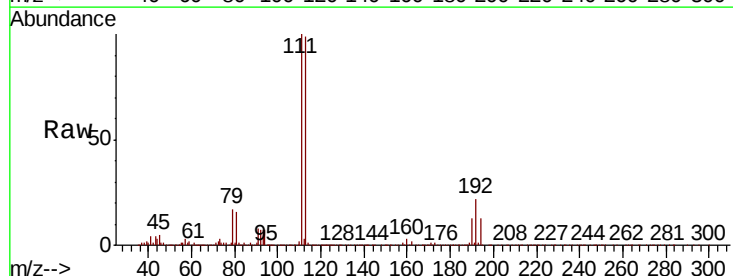
Instrument :
MSVOA_X
ClientSampleId :

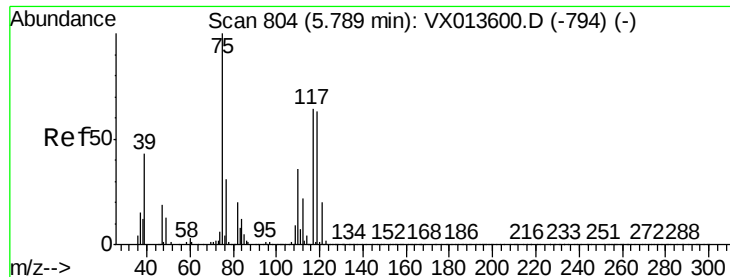
Tot Ion:114 Resp: 1104353
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 40.563 ug/l
RT: 5.50 min Scan# 757
Delta R.T. 0.01 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion:113 Resp: 276932
Ion Ratio Lower Upper
113 100
111 102.0 83.6 125.4
192 23.8 19.2 28.8





#36

1,1-Dichloropropene

Concen: 0.346 ug/l

RT: 5.94 min Scan# 828

Delta R.T. 0.15 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

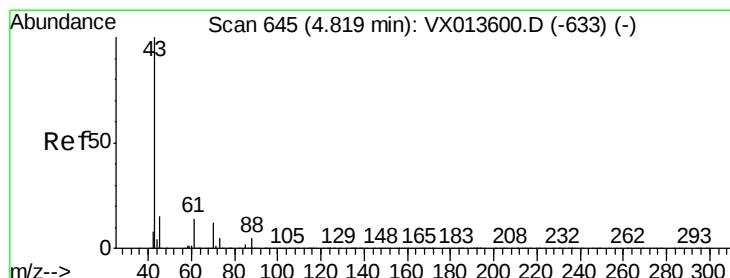
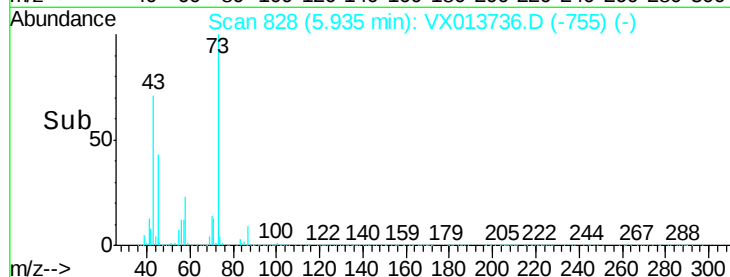
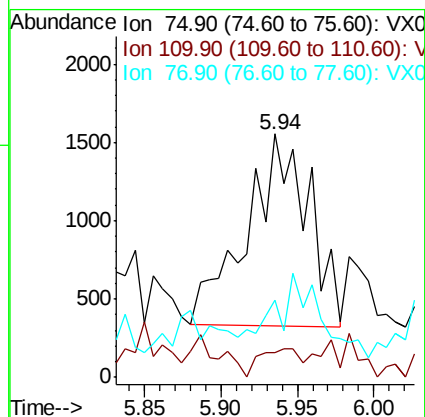
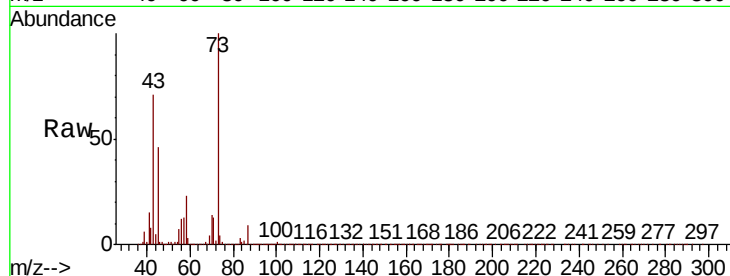
Tot Ion: 75 Resp: 3467

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.1#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 41.423 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

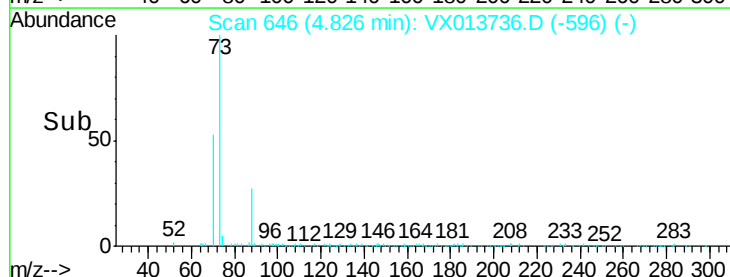
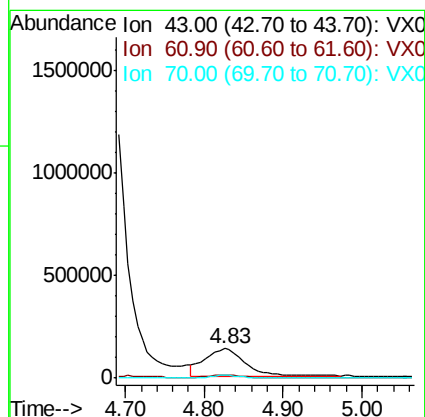
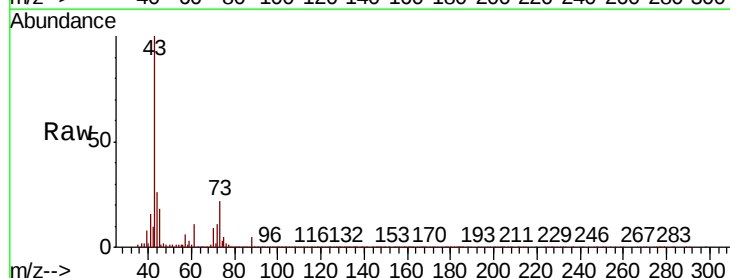
Tgt Ion: 43 Resp: 465854

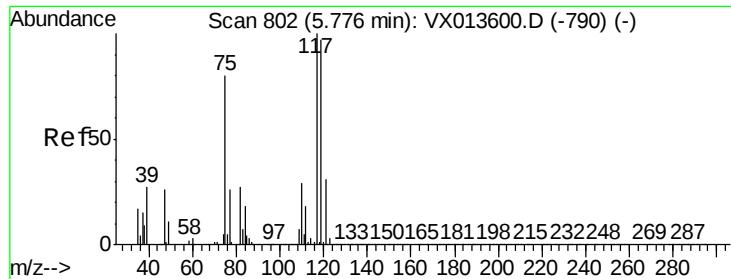
Ion Ratio Lower Upper

43 100

61 10.9 11.0 16.4#

70 8.0 8.6 12.8#





#38

Carbon Tetrachloride

Concen: 6.955 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

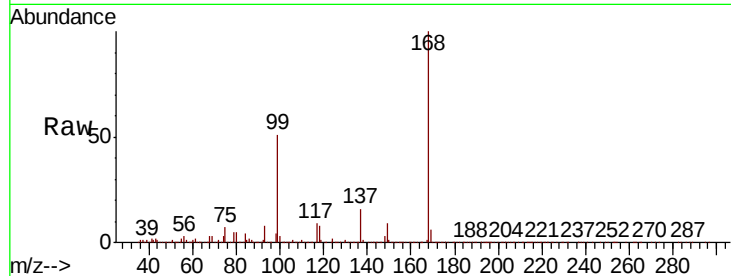
Tot Ion:117 Resp: 64293

Ion Ratio Lower Upper

117 100

119 6.3 77.5 116.3#

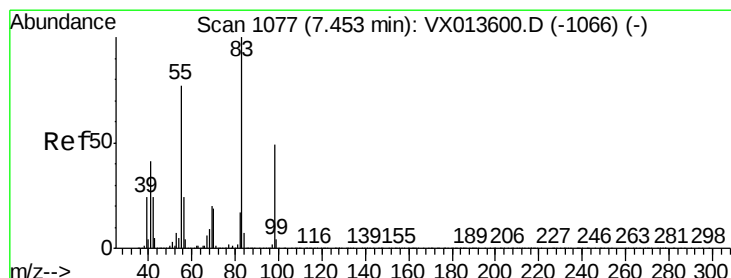
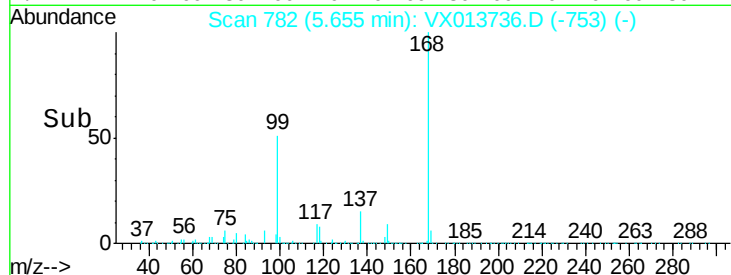
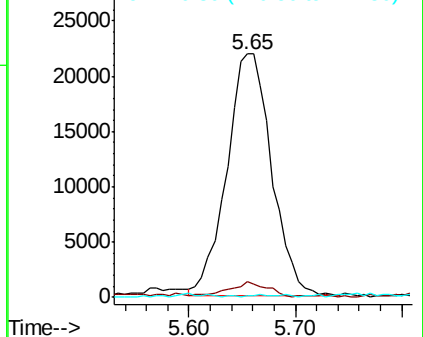
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 56.216 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

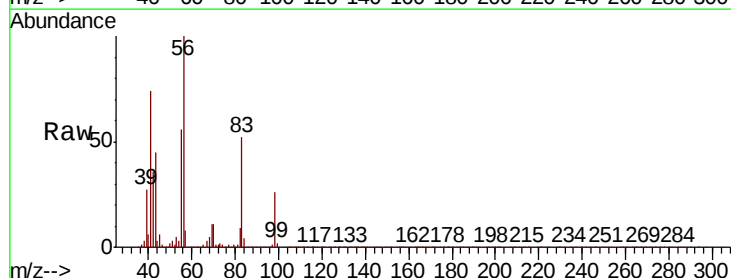
Tgt Ion: 83 Resp: 696596

Ion Ratio Lower Upper

83 100

55 100.7 61.9 92.9#

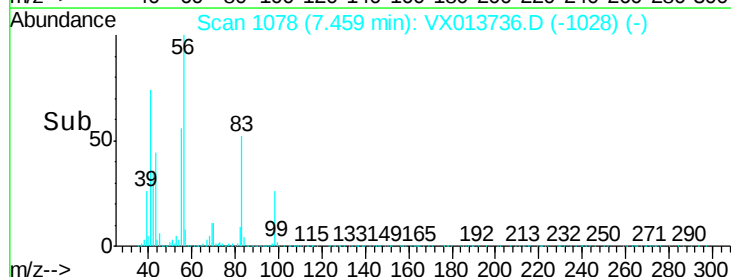
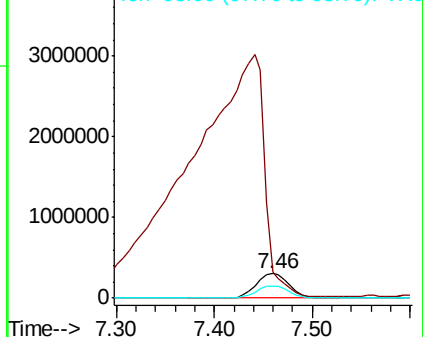
98 49.8 39.4 59.0

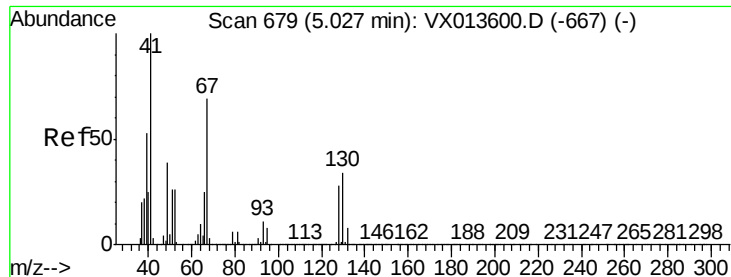


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

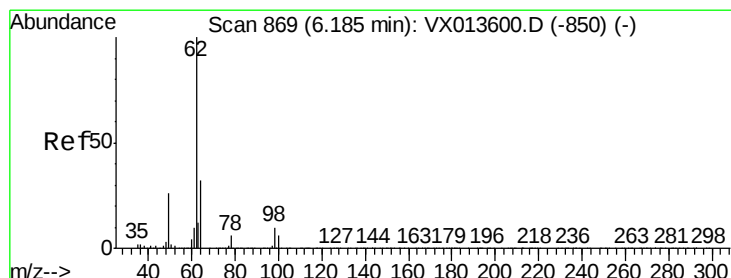
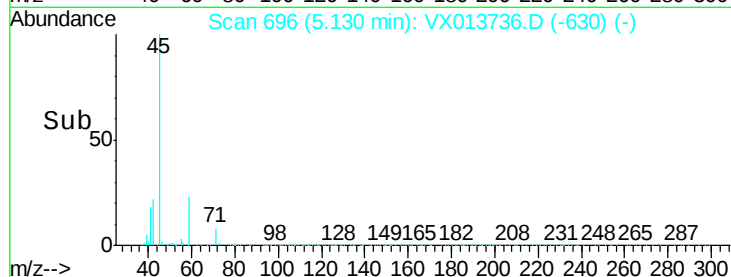
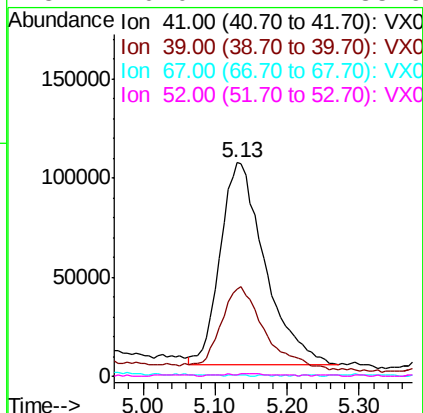
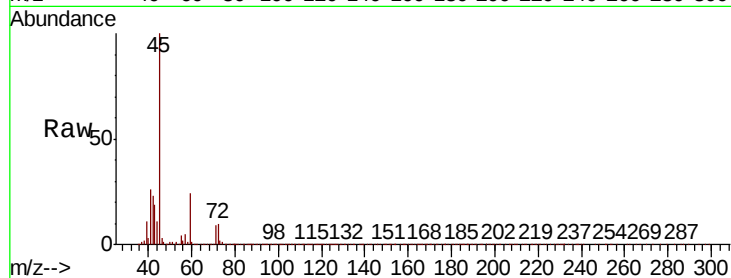




#41
Methacrylonitrile
Concen: 71.625 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.10 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

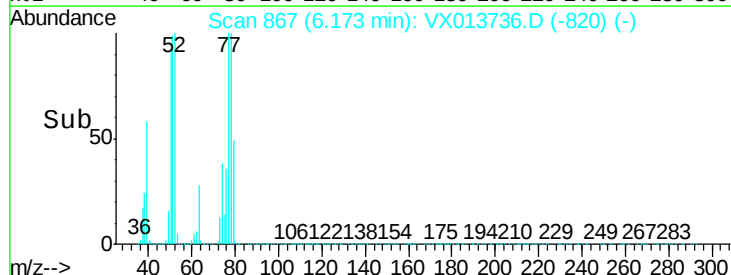
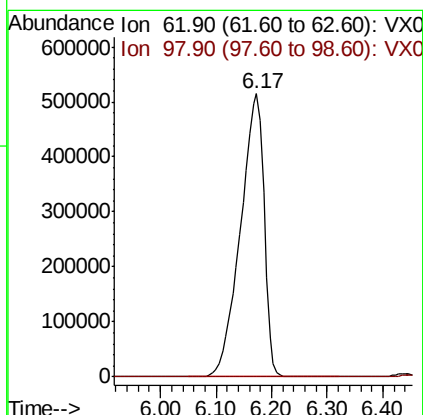
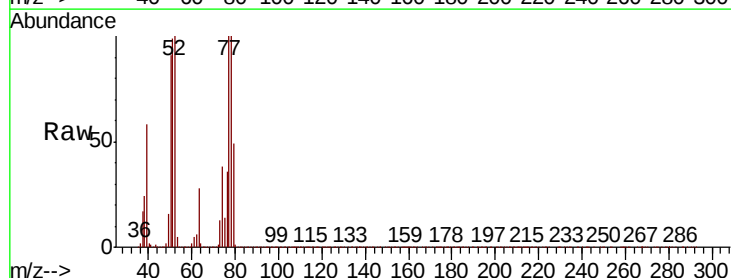
Instrument :
MSVOA_X
ClientSampleId :

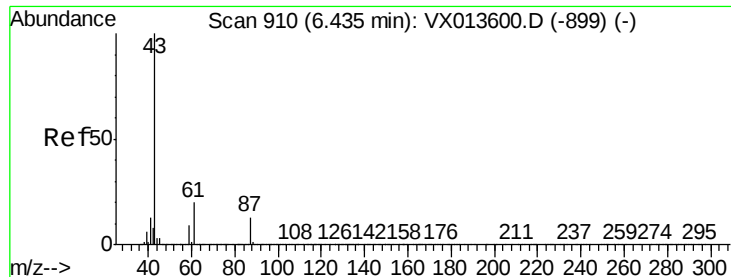
Tot Ion	Ratio	Lower	Upper
41	100		
39	40.1	42.9	64.3#
67	0.0	57.4	86.0#
52	0.0	22.4	33.6#



#42
1,2-Dichloroethane
Concen: 145.560 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 129.854 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampled :

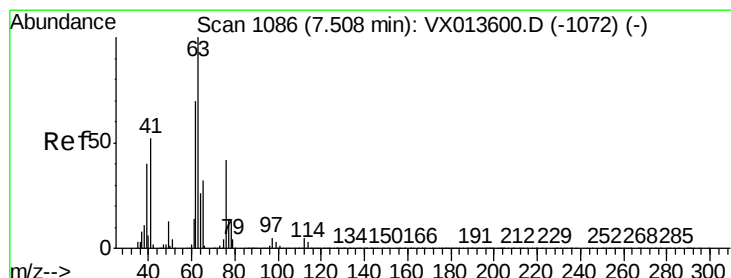
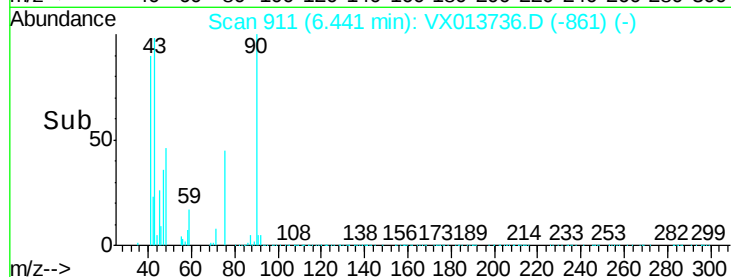
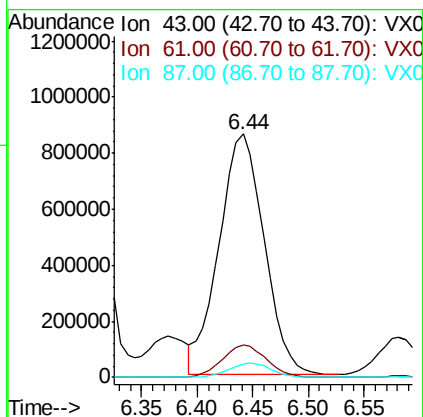
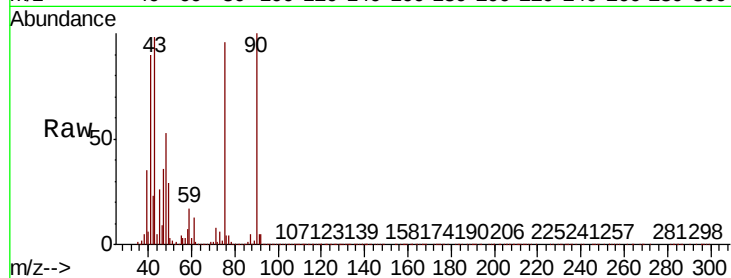
Tot Ion: 43 Resp: 2404235

Ion Ratio Lower Upper

43 100

61 13.1 16.3 24.5#

87 5.7 10.8 16.2#



#45

1,2-Dichloropropane

Concen: 4.018 ug/l

RT: 7.61 min Scan# 1102

Delta R.T. 0.10 min

Lab File: VX013736.D

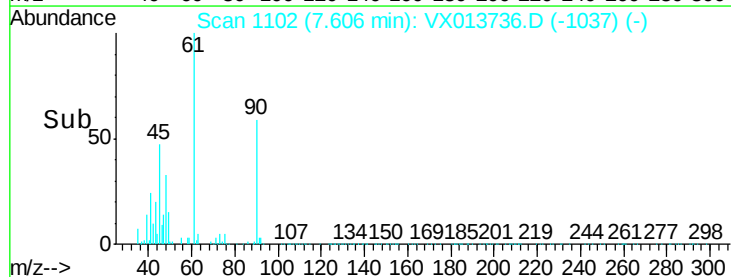
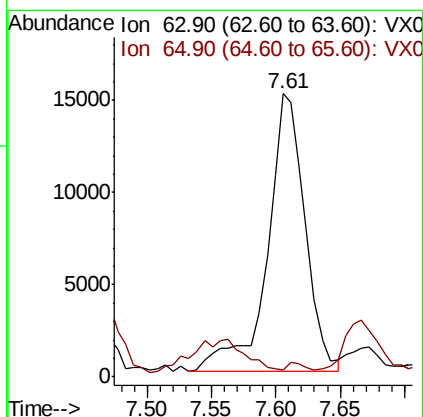
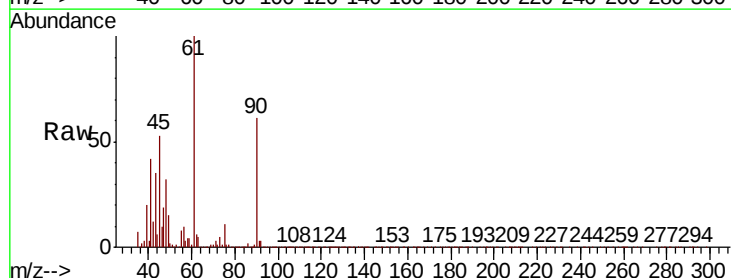
Acq: 03 Dec 2019 19:41

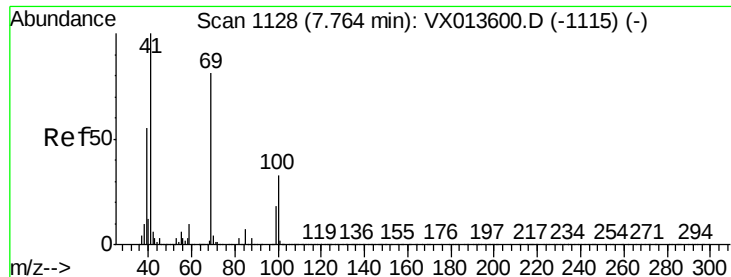
Tgt Ion: 63 Resp: 30695

Ion Ratio Lower Upper

63 100

65 0.0 25.5 38.3#

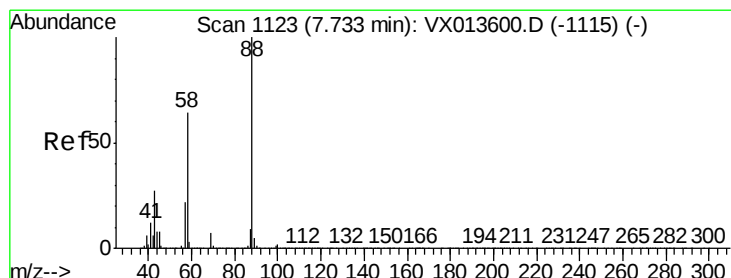
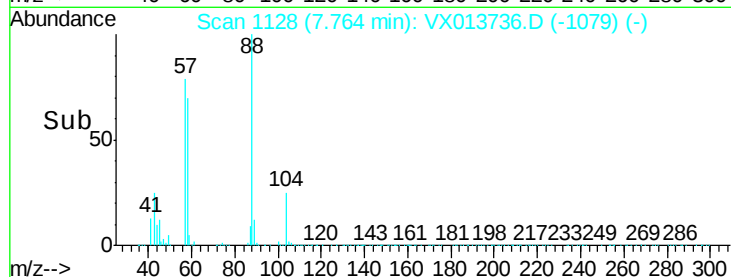
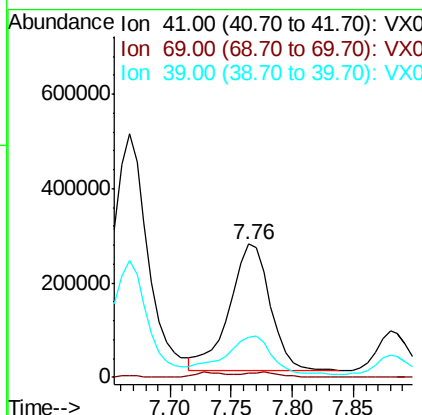
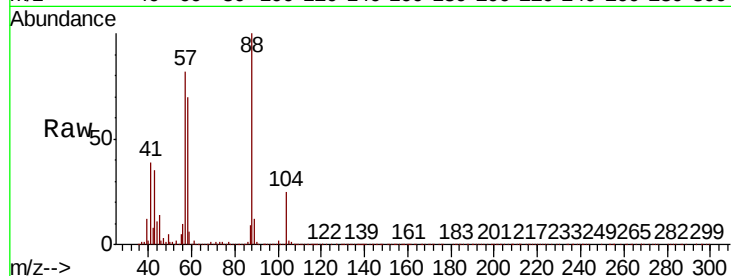




#48
Methvl methacrylate
Concen: 68.227 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

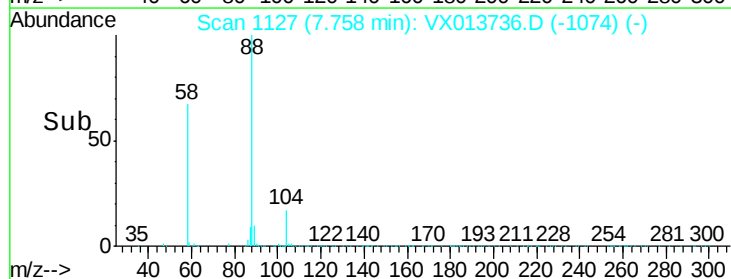
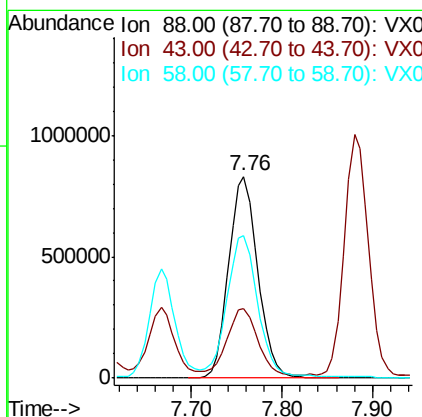
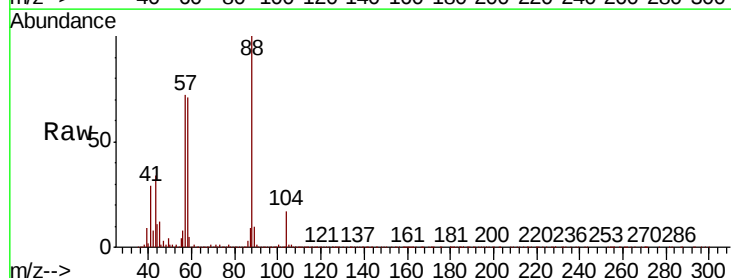
Instrument :
MSVOA_X
ClientSampleId :

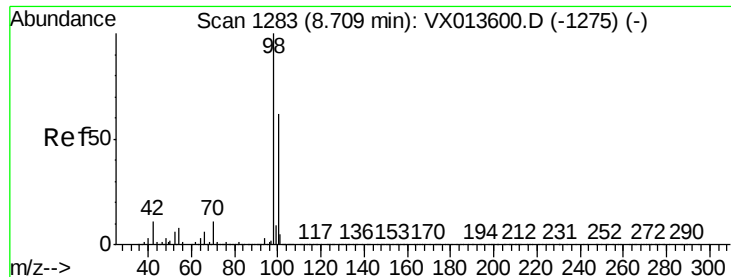
Tot Ion: 41 Resp: 613763
Ion Ratio Lower Upper
41 100
69 2.8 64.7 97.1#
39 35.7 43.8 65.6#



#49
1,4-Dioxane
Concen: 9158.421 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion: 88 Resp: 1844174
Ion Ratio Lower Upper
88 100
43 34.3 25.8 38.6
58 74.7 54.6 82.0





#50

Toluene-d8

Concen: 50.481 ug/l

RT: 8.72 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

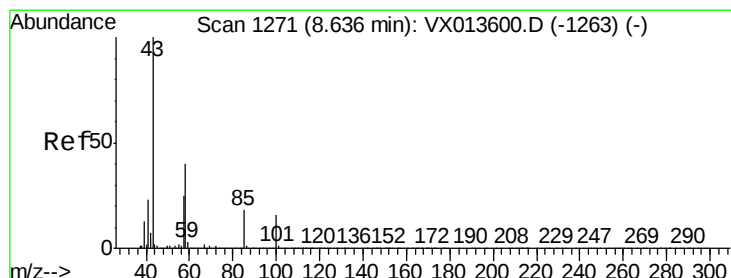
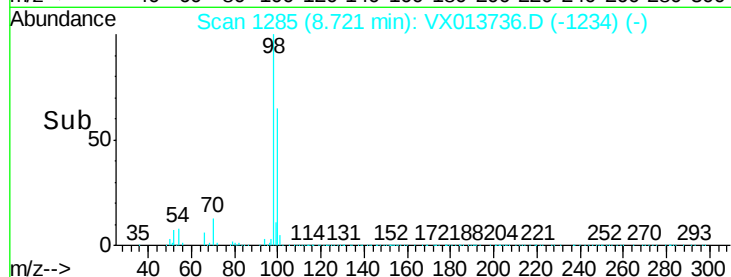
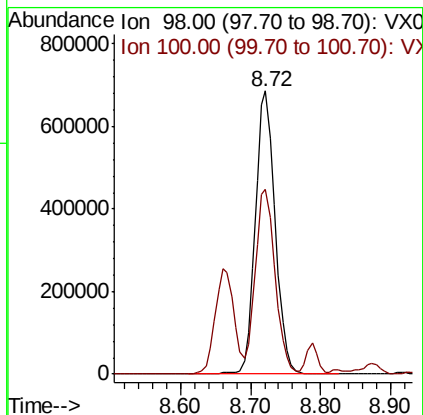
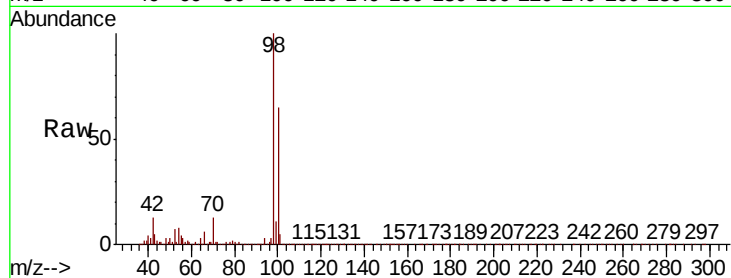
ClientSampleId :

Tot Ion: 98 Resp: 1342793

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 245.420 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.02 min

Lab File: VX013736.D

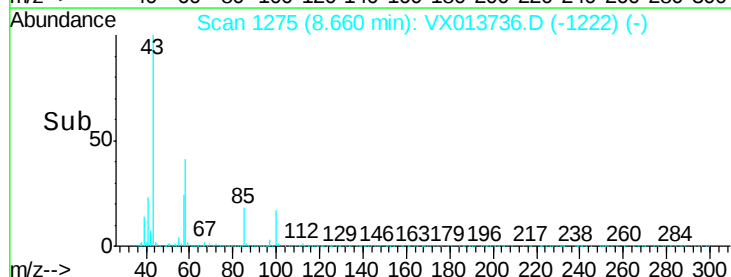
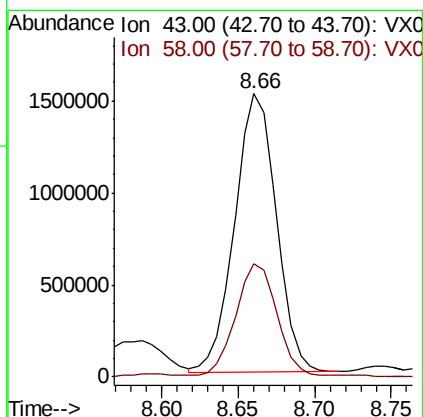
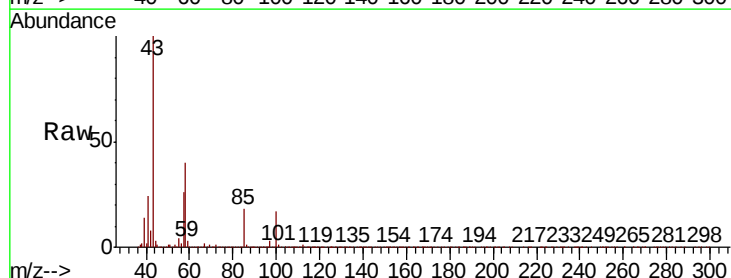
Acq: 03 Dec 2019 19:41

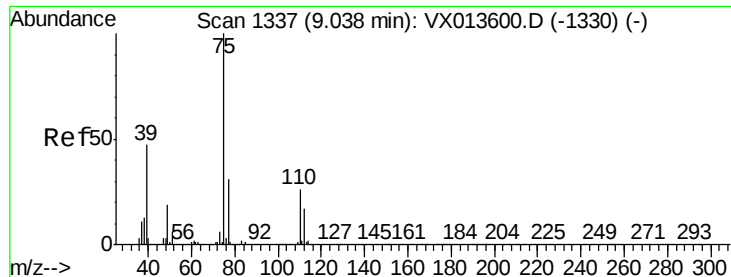
Tgt Ion: 43 Resp: 2858236

Ion Ratio Lower Upper

43 100

58 41.0 32.1 48.1





#53

t-1,3-Dichloropropene

Concen: 22.791 ug/l

RT: 8.97 min Scan# 1325

Delta R.T. -0.07 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

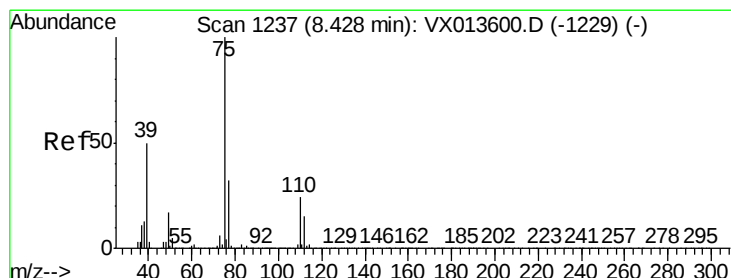
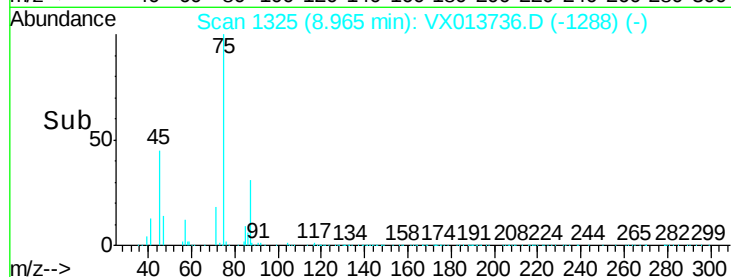
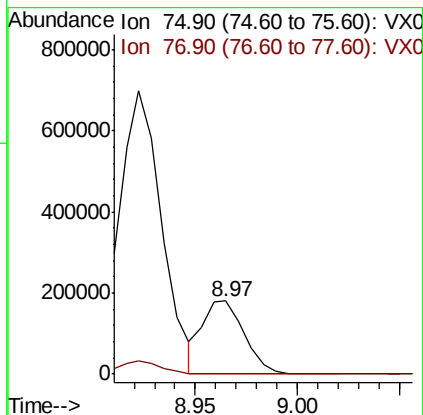
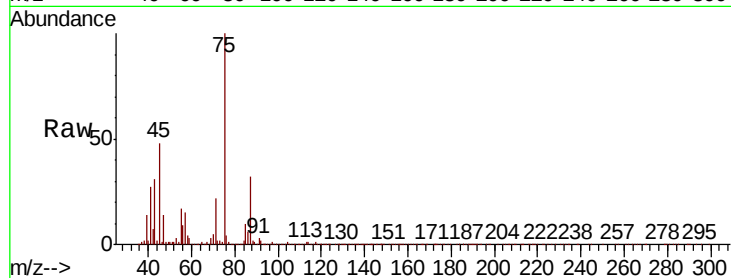
ClientSampleId :

Tot Ion: 75 Resp: 254437

Ion Ratio Lower Upper

75 100

77 0.7 24.4 36.6#



#54

cis-1,3-Dichloropropene

Concen: 29.028 ug/l

RT: 8.40 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

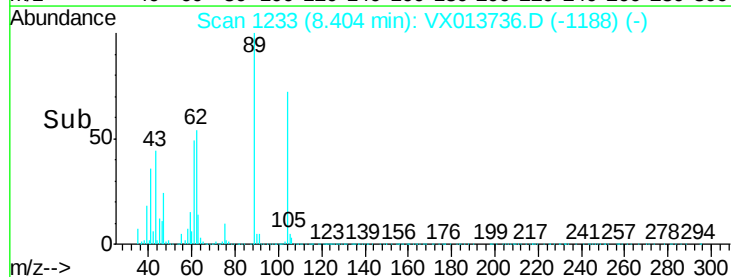
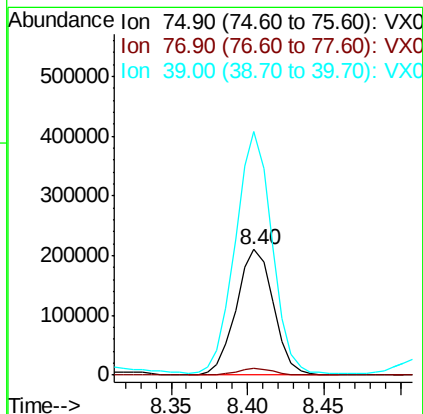
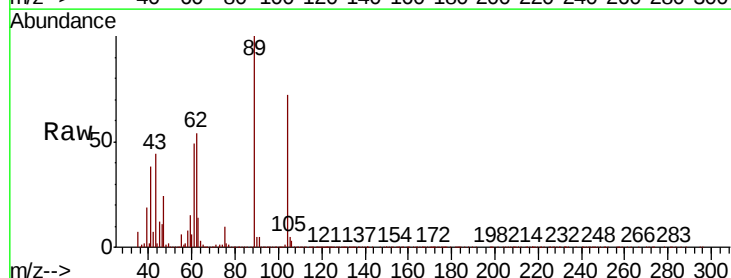
Tgt Ion: 75 Resp: 354054

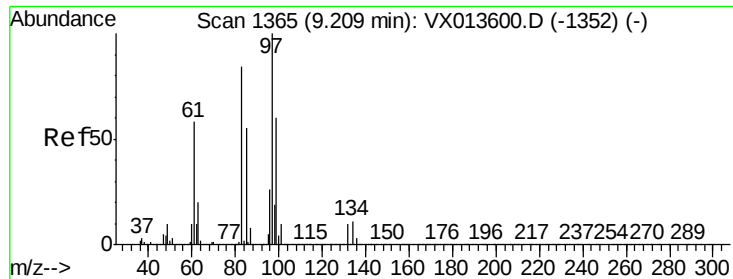
Ion Ratio Lower Upper

75 100

77 5.1 25.8 38.6#

39 192.3 39.9 59.9#





#55

1,1,2-Trichloroethane

Concen: 4.320 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.04 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 33017

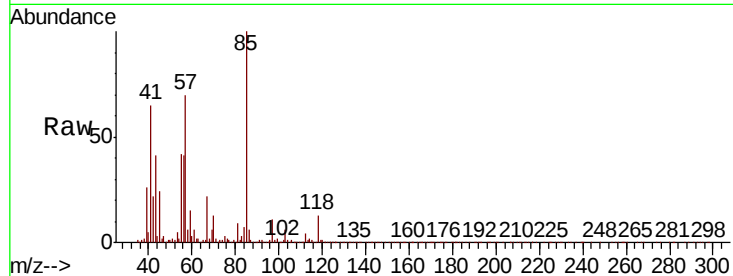
Ion Ratio Lower Upper

97 100

83 20.7 67.3 100.9#

85 909.2 43.6 65.4#

99 13.7 48.2 72.4#

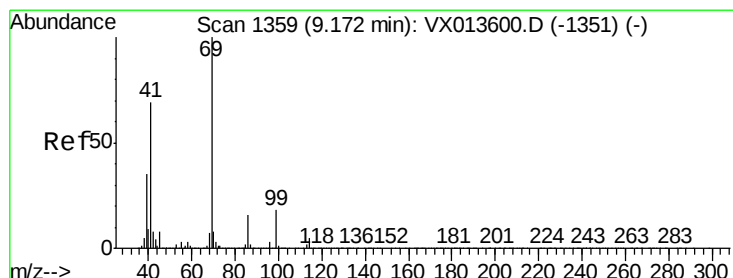
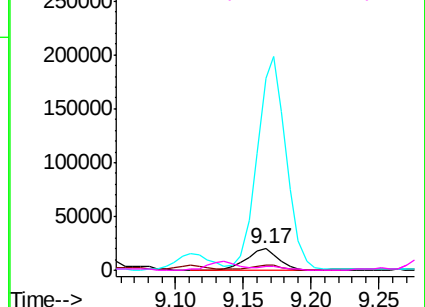
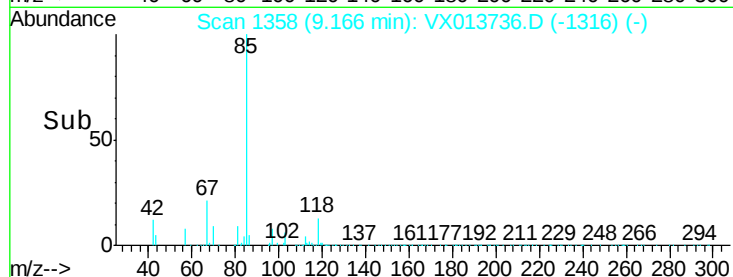


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.736 ug/l

RT: 9.11 min Scan# 1349

Delta R.T. -0.06 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

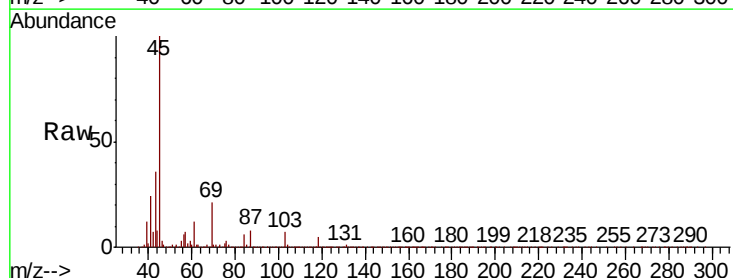
Tgt Ion: 69 Resp: 648077

Ion Ratio Lower Upper

69 100

41 228.6 55.0 82.4#

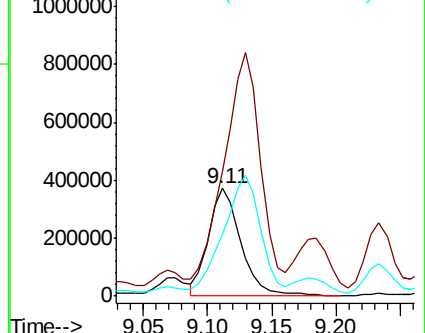
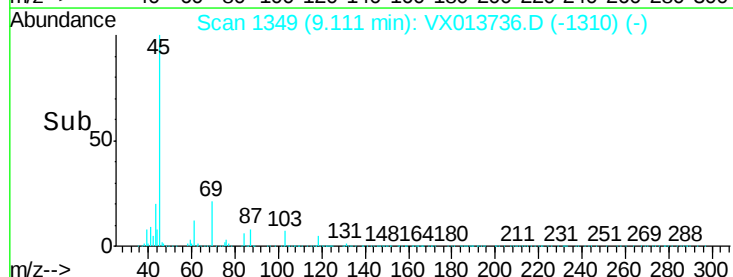
39 117.1 28.7 43.1#

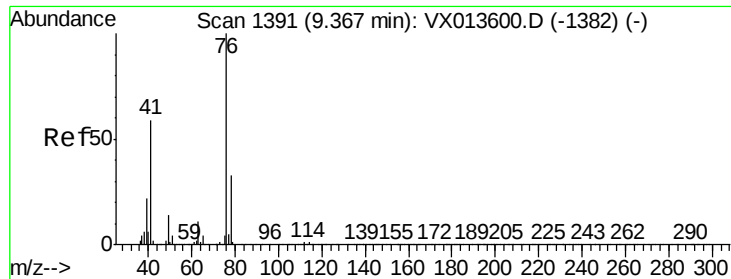


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 6.546 ug/l

RT: 9.23 min Scan# 1369

Delta R.T. -0.13 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

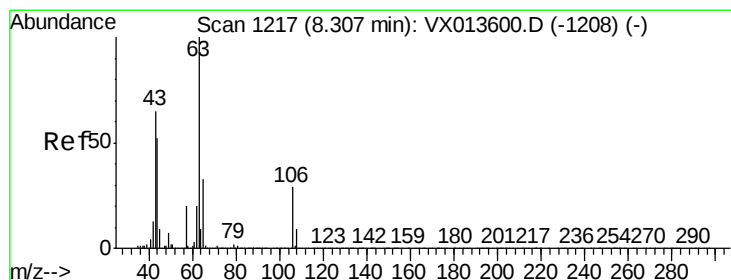
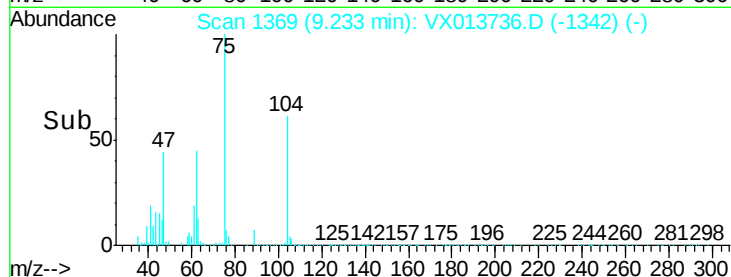
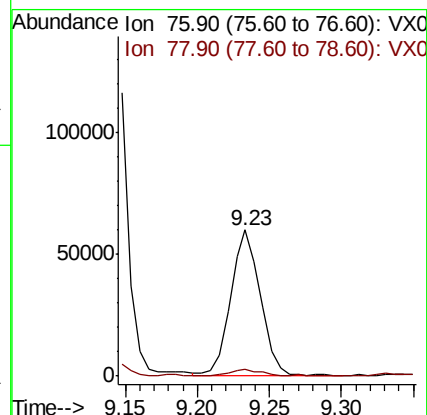
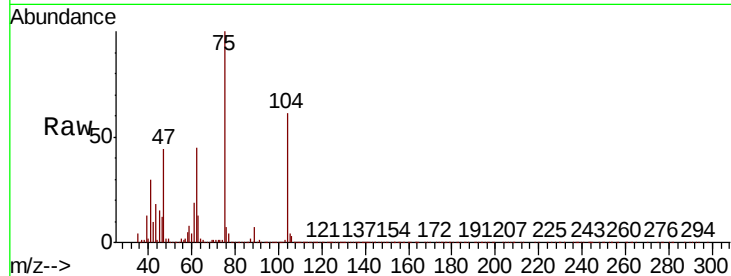
ClientSampleId :

Tot Ion: 76 Resp: 86239

Ion Ratio Lower Upper

76 100

78 5.0 26.0 39.0#



#58

2-Chloroethyl Vinyl ether

Concen: 107.223 ug/l

RT: 8.40 min Scan# 1233

Delta R.T. 0.10 min

Lab File: VX013736.D

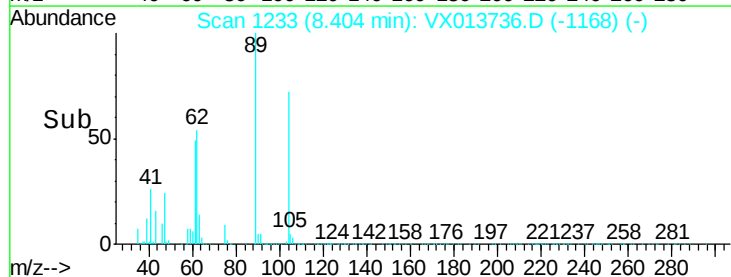
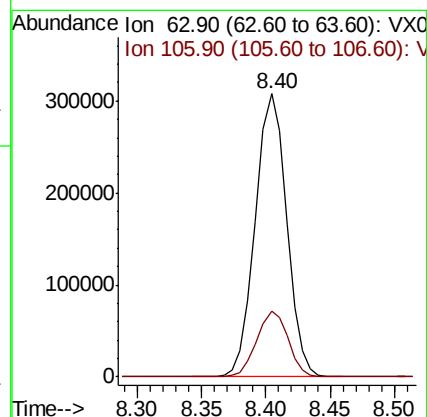
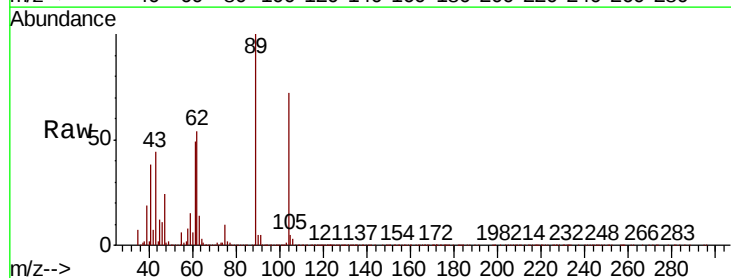
Acq: 03 Dec 2019 19:41

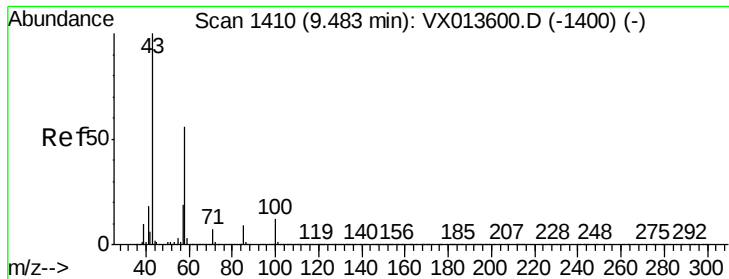
Tgt Ion: 63 Resp: 516622

Ion Ratio Lower Upper

63 100

106 23.4 23.4 35.0#

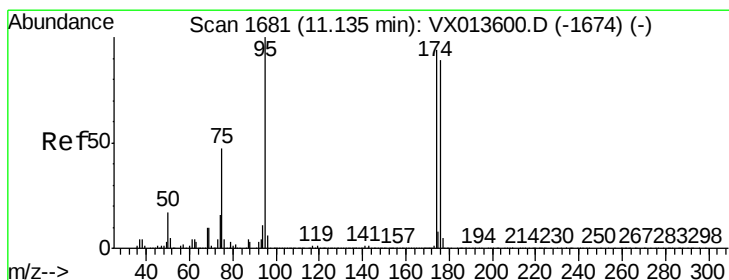
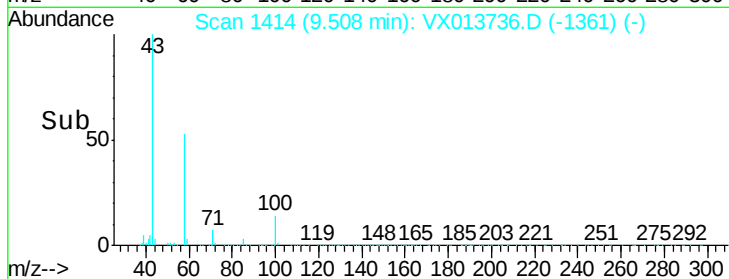
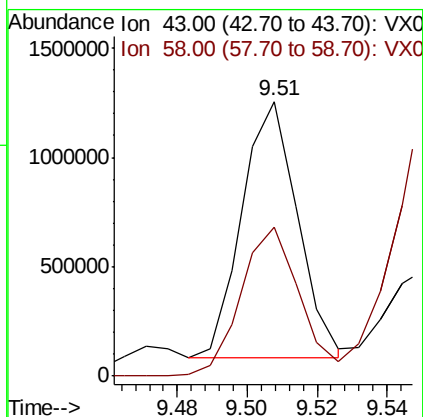
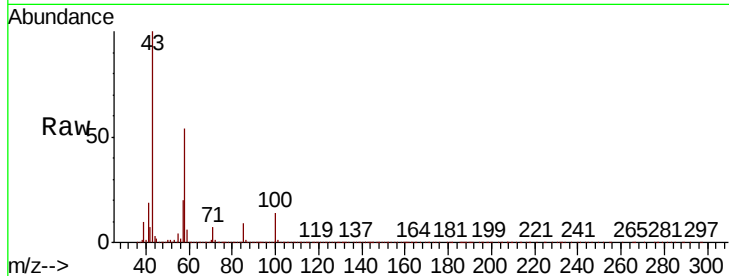




#59
2-Hexanone
Concen: 142.510 ug/l
RT: 9.51 min Scan# 1414
Delta R.T. 0.02 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

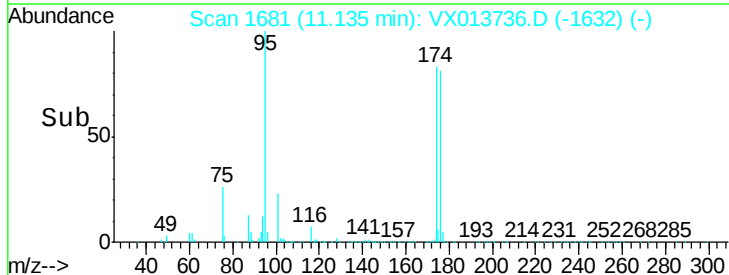
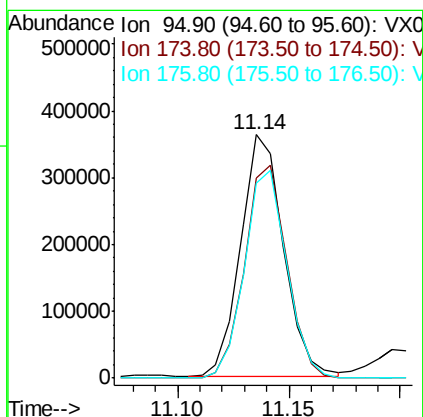
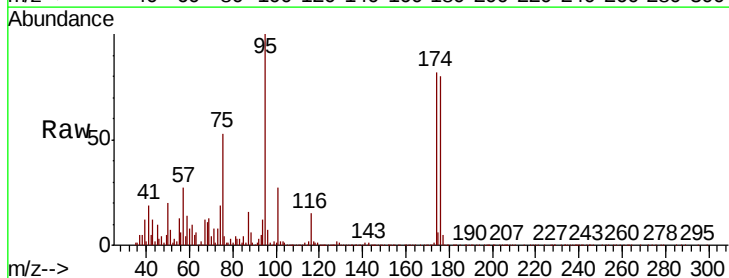
Instrument :
MSVOA_X
ClientSampleId :

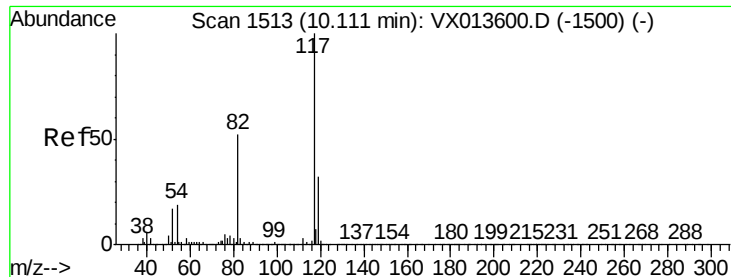
Tot Ion: 43 Resp: 1294455
Ion Ratio Lower Upper
43 100
58 61.5 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 50.992 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion: 95 Resp: 489113
Ion Ratio Lower Upper
95 100
174 86.3 0.0 180.0
176 84.7 0.0 173.6

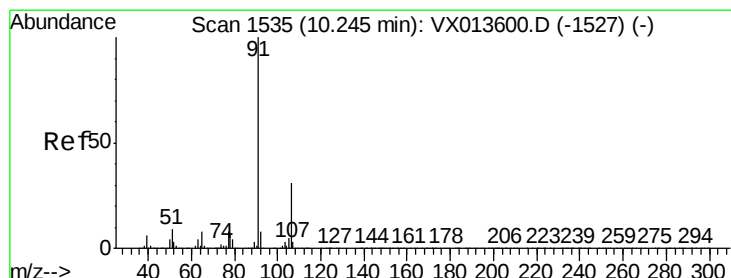
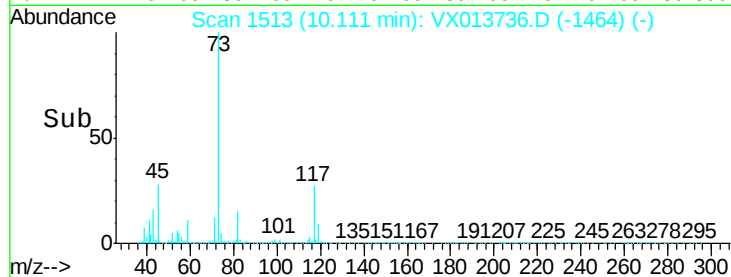
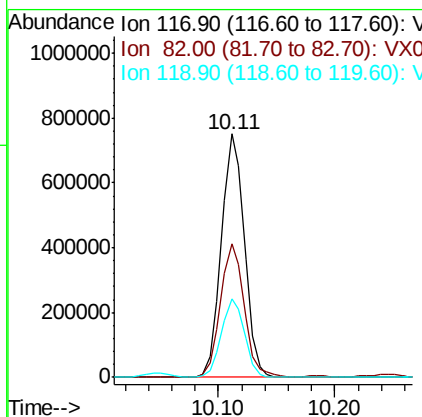
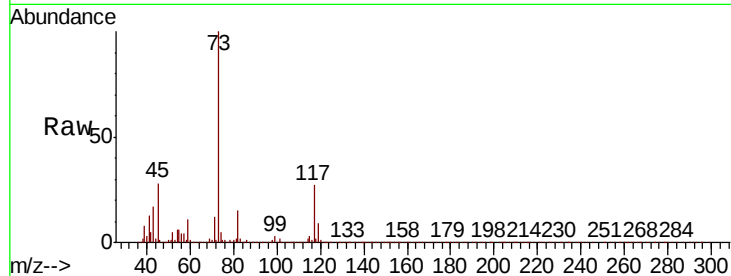




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

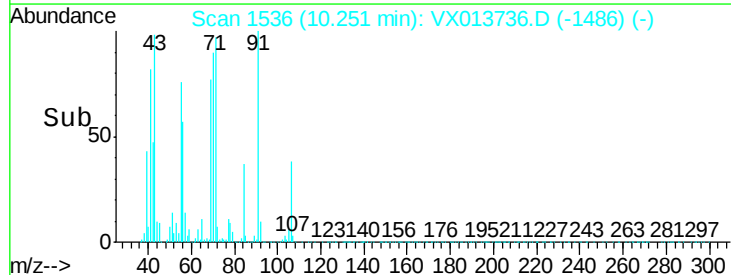
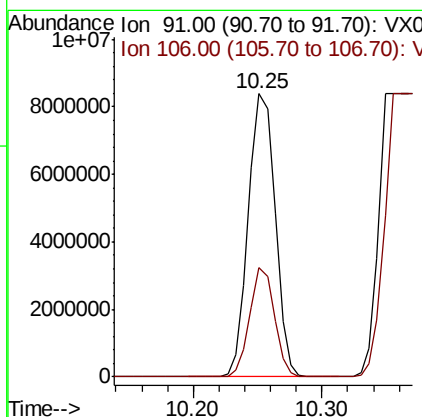
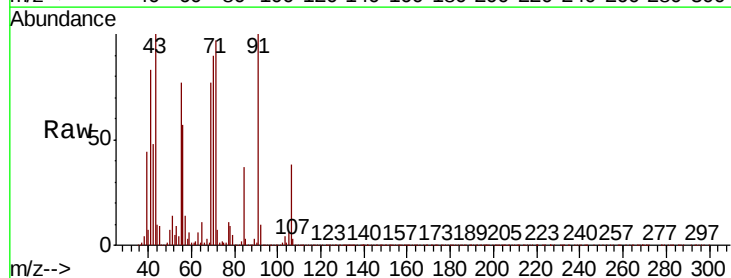
Instrument :
MSVOA_X
ClientSampleId :

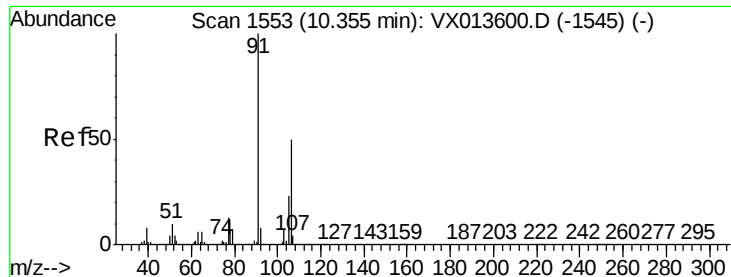
Tot Ion:117 Resp: 1024046
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 329.573 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion: 91 Resp:12040980
Ion Ratio Lower Upper
91 100
106 38.4 24.5 36.7#

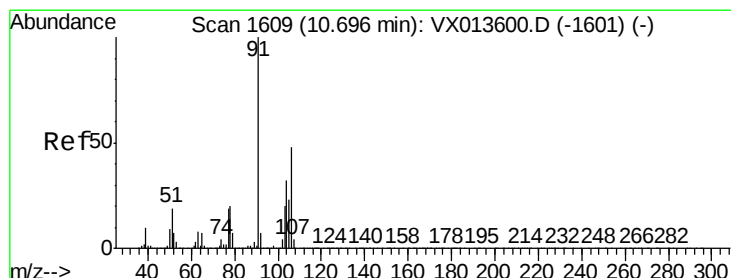
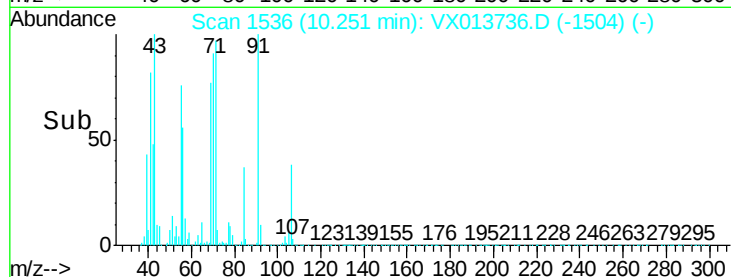
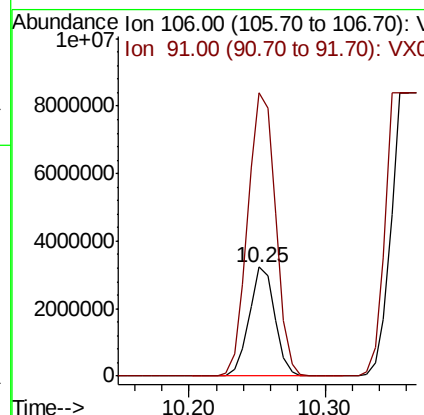
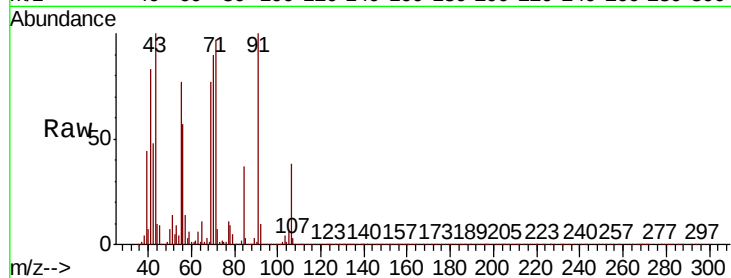




#68
m/p-Xylenes
Concen: 304.438 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. -0.10 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

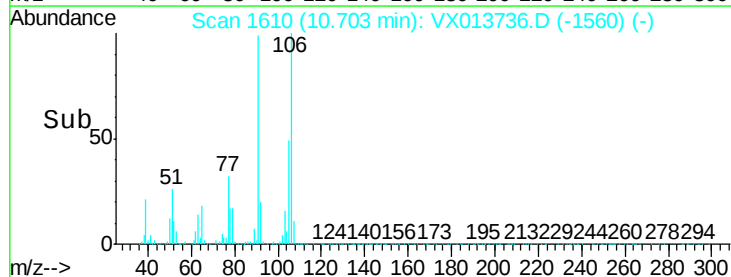
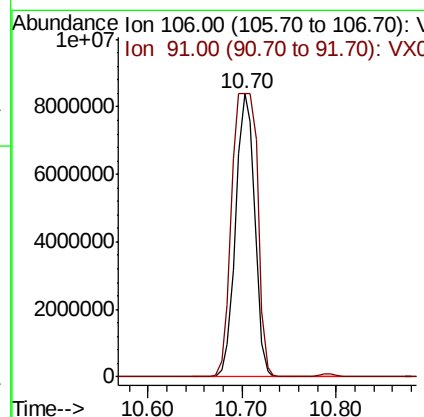
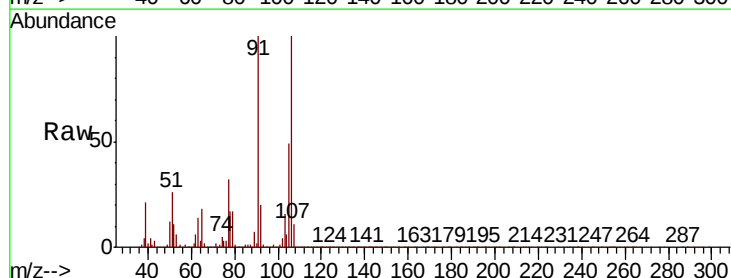
Instrument :
MSVOA_X
ClientSampleId :

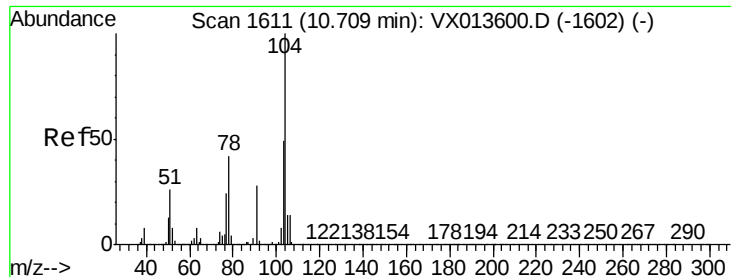
Tot Ion:106 Resp: 4258380
Ion Ratio Lower Upper
106 100
91 282.8 159.0 238.4#



#69
o-Xylene
Concen: 857.728 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. 0.01 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion:106 Resp:11701246
Ion Ratio Lower Upper
106 100
91 136.5 104.1 312.2





#70

Stvrene

Concen: 30.528 ug/l

RT: 10.70 min Scan# 1610

Delta R.T. -0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

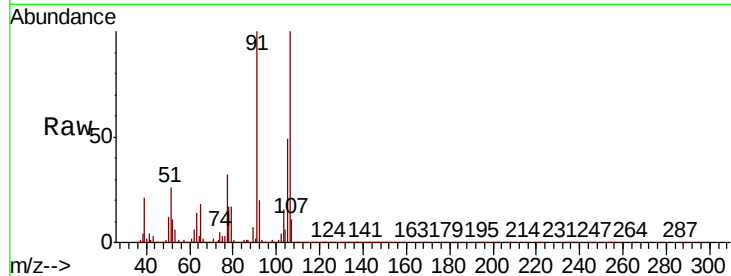
Tot Ion:104 Resp: 700569

Ion Ratio Lower Upper

104 100

78 261.7 38.5 57.7#

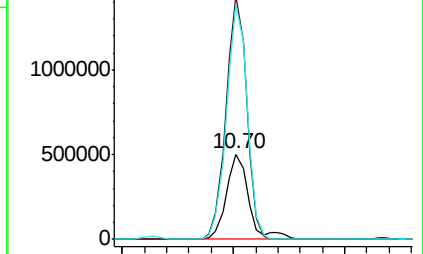
103 252.9 43.7 65.5#



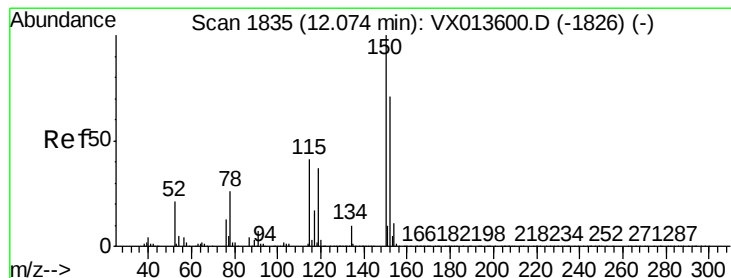
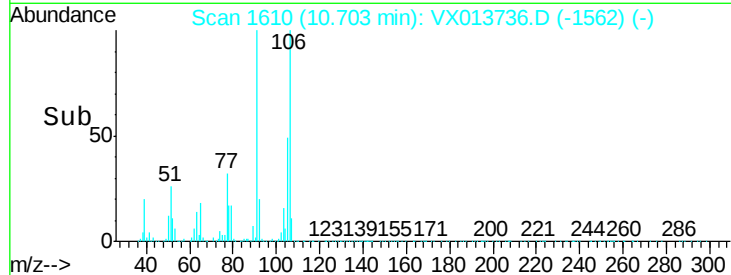
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.02 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

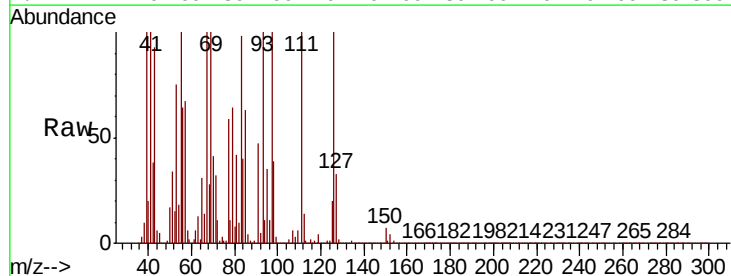
Tgt Ion:152 Resp: 644364

Ion Ratio Lower Upper

152 100

115 59.0 38.4 115.1

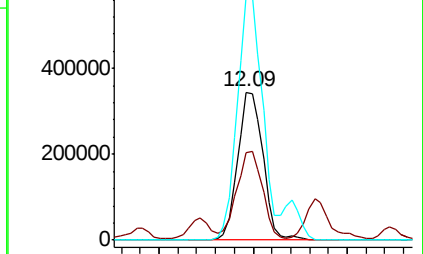
150 166.0 0.0 346.8



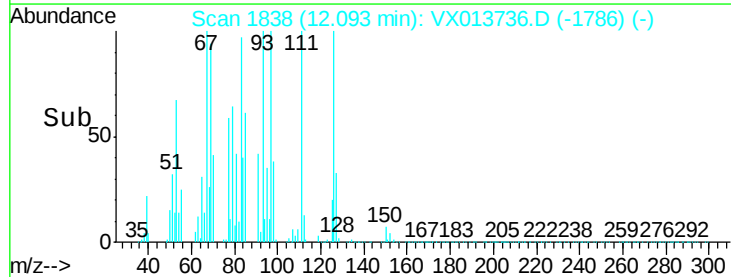
Abundance Ion 151.90 (151.60 to 152.60): V

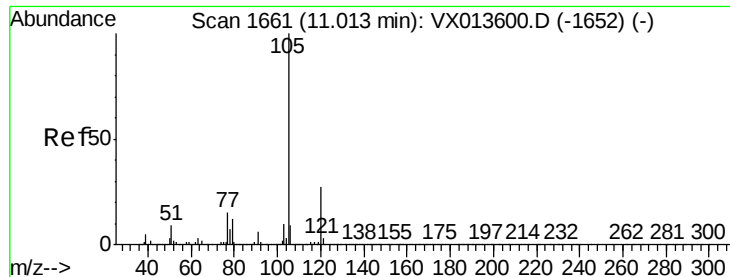
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 38.320 ug/l

RT: 11.02 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

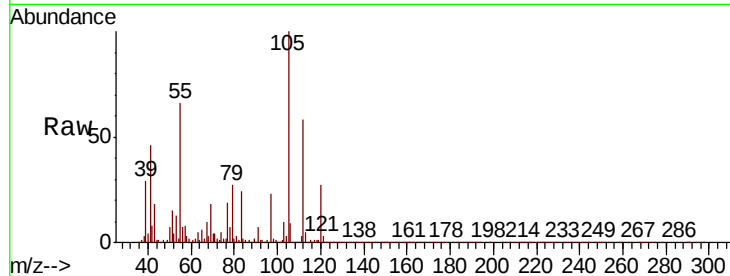
ClientSampled :

Tot Ion:105 Resp: 1732040

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

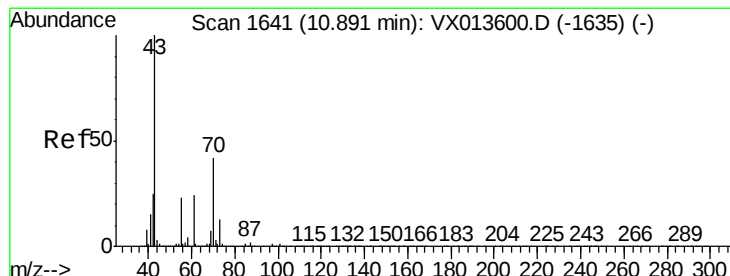
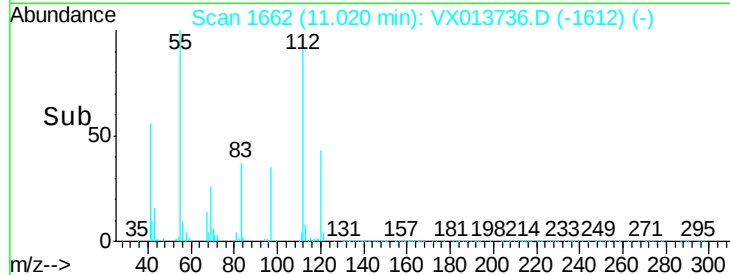
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 835.533 ug/l

RT: 10.83 min Scan# 1631

Delta R.T. -0.06 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Tgt Ion: 43 Resp:17300039

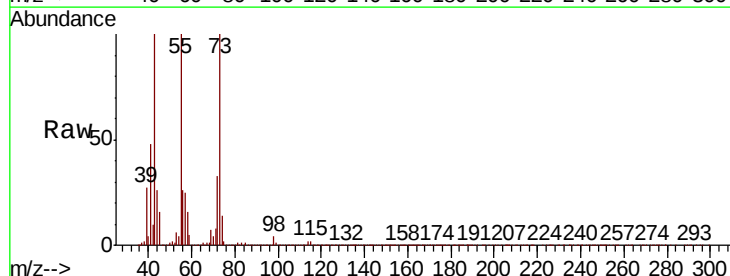
Ion Ratio Lower Upper

43 100

70 3.0 34.3 51.5#

55 0.0 18.5 27.7#

61 0.2 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1.2e+07

1e+07

8000000

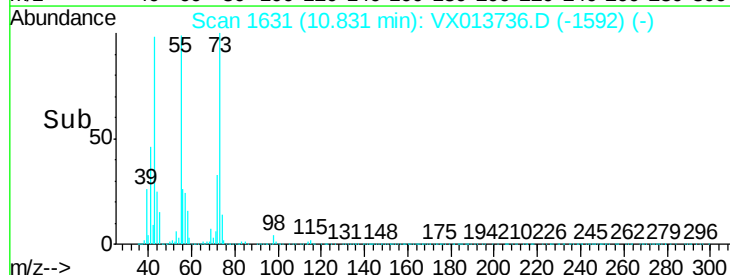
6000000

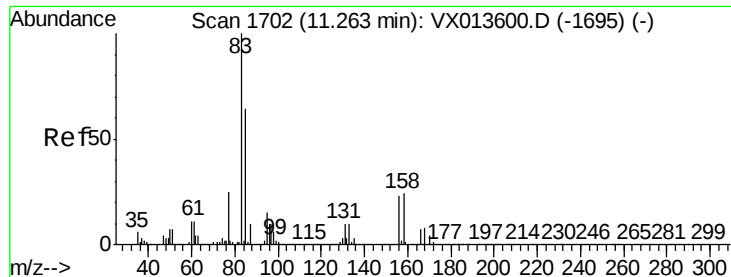
4000000

2000000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 9.107 ug/l

RT: 11.20 min Scan# 1691

Delta R.T. -0.07 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

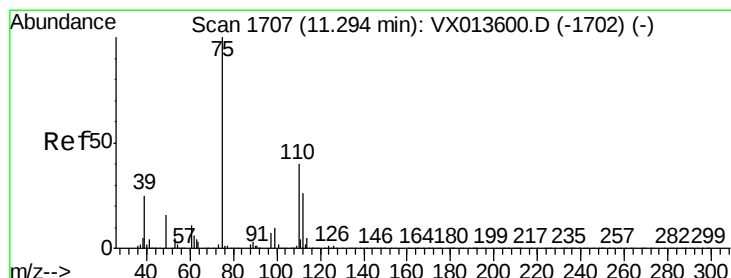
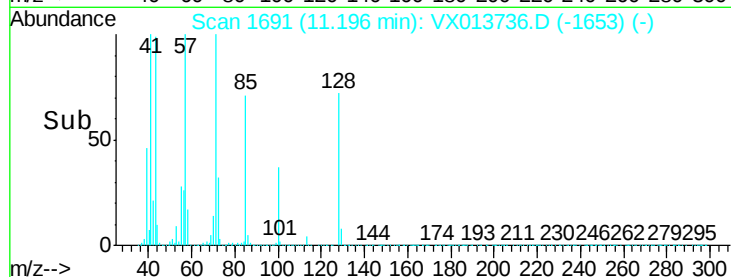
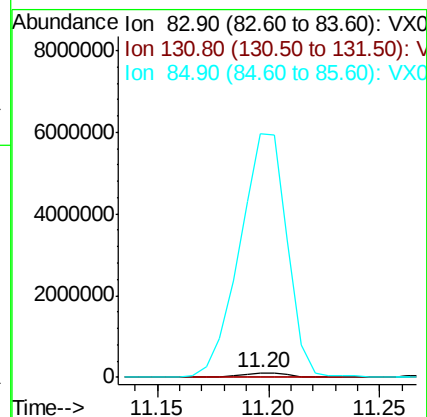
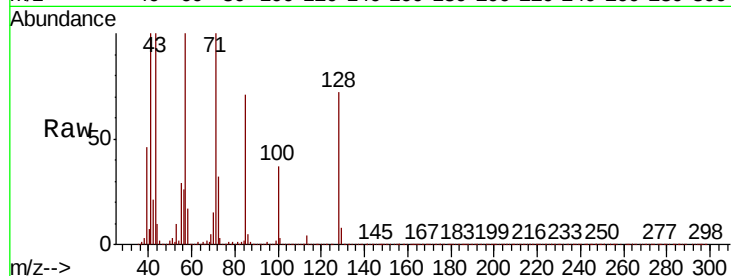
Tot Ion: 83 Resp: 142758

Ion Ratio Lower Upper

83 100

131 1.7 5.1 15.3#

85 6181.3 31.8 95.3#



#76

1,2,3-Trichloropropane

Concen: 4.005 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.05 min

Lab File: VX013736.D

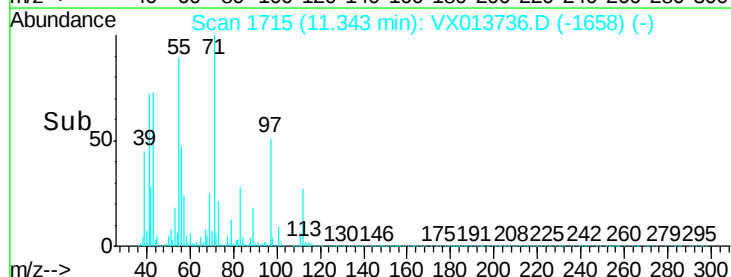
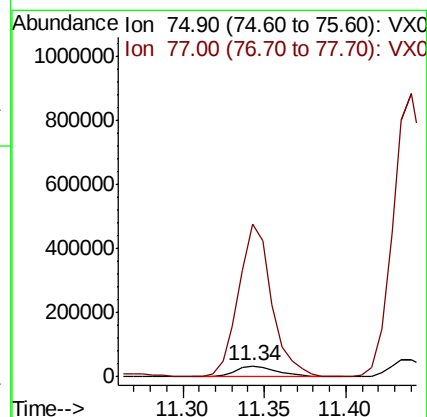
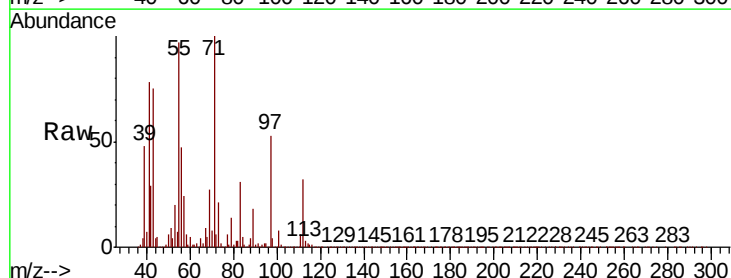
Acq: 03 Dec 2019 19:41

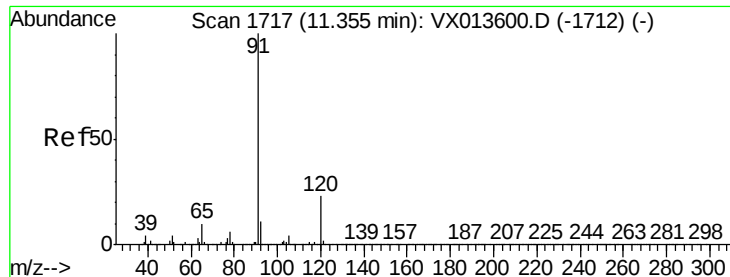
Tgt Ion: 75 Resp: 58046

Ion Ratio Lower Upper

75 100

77 1162.8 19.1 57.5#





#78

n-propylbenzene

Concen: 35.302 ug/l

RT: 11.36 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

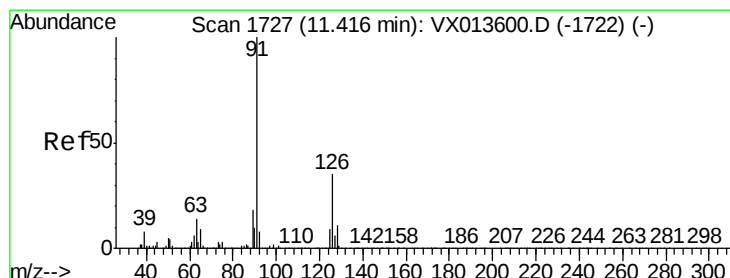
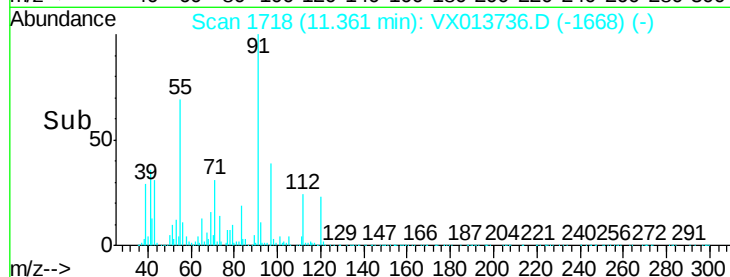
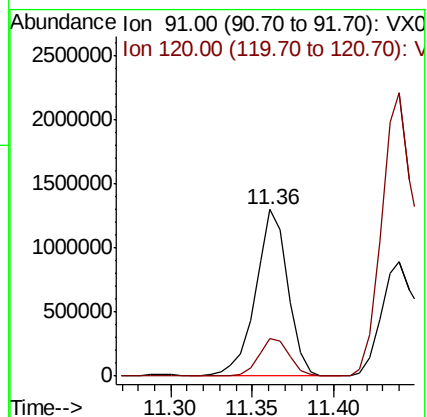
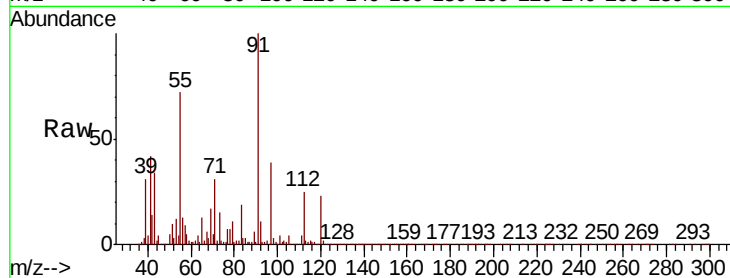
ClientSampled :

Tot Ion: 91 Resp: 1781245

Ion Ratio Lower Upper

91 100

120 21.6 11.8 35.3



#79

2-Chlorotoluene

Concen: 52.508 ug/l

RT: 11.44 min Scan# 1731

Delta R.T. 0.02 min

Lab File: VX013736.D

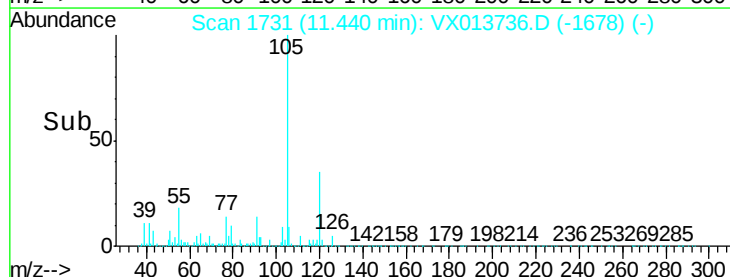
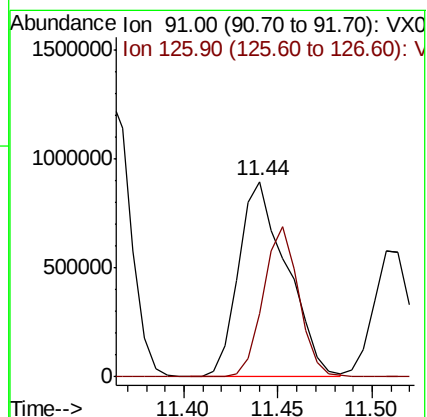
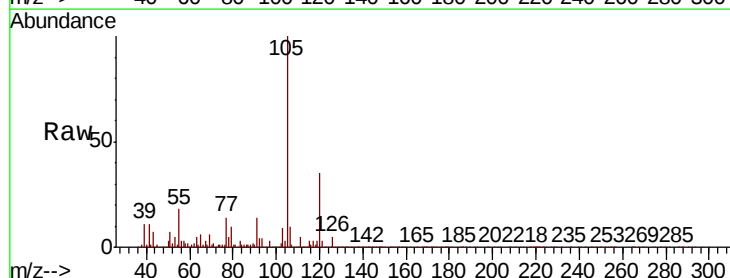
Acq: 03 Dec 2019 19:41

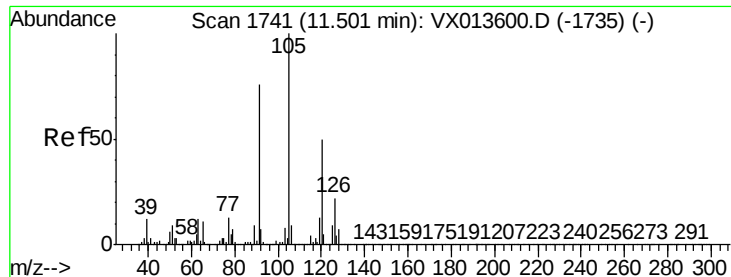
Tgt Ion: 91 Resp: 1589299

Ion Ratio Lower Upper

91 100

126 56.5 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 198.806 ug/l

RT: 11.51 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

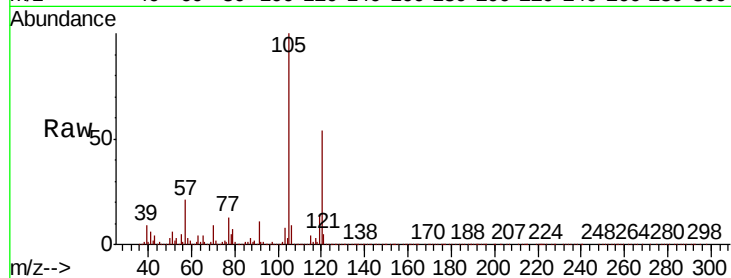
ClientSampleId :

Tot Ion:105 Resp: 7364812

Ion Ratio Lower Upper

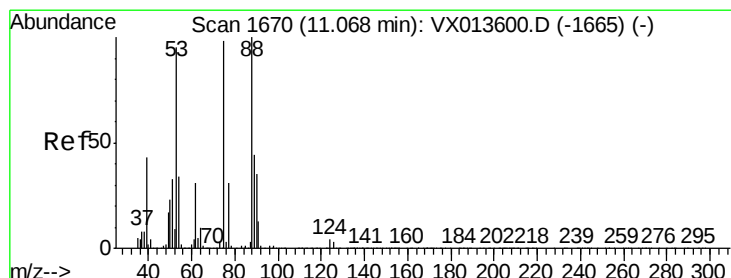
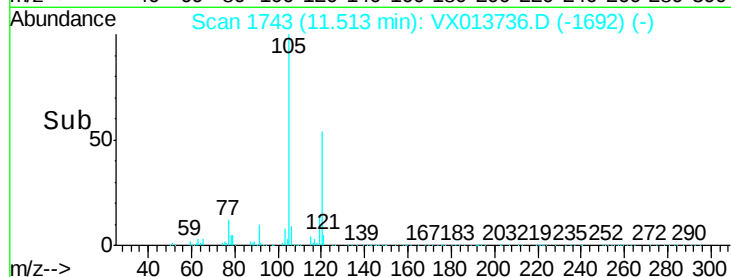
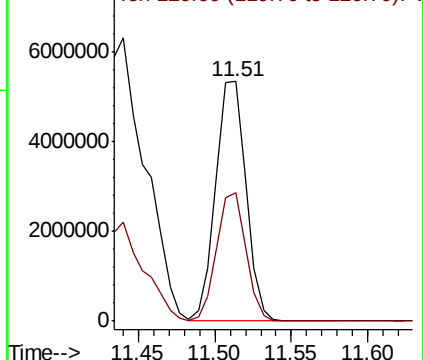
105 100

120 51.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 8.248 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

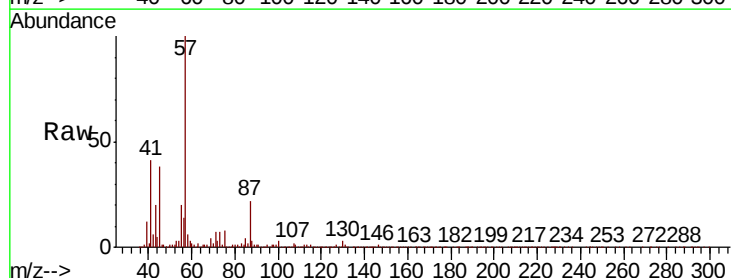
Tgt Ion: 75 Resp: 43692

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.2#

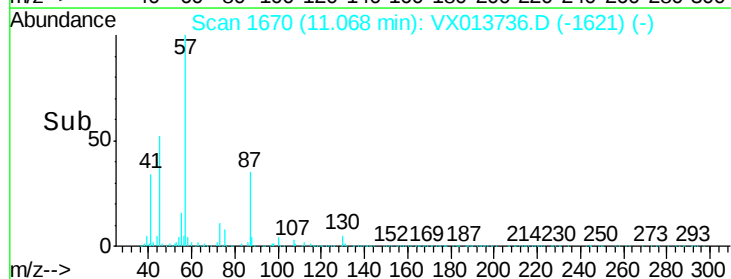
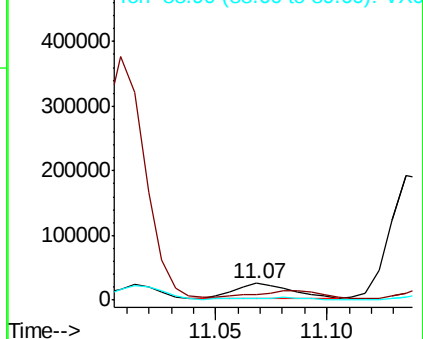
89 0.0 35.4 53.2#

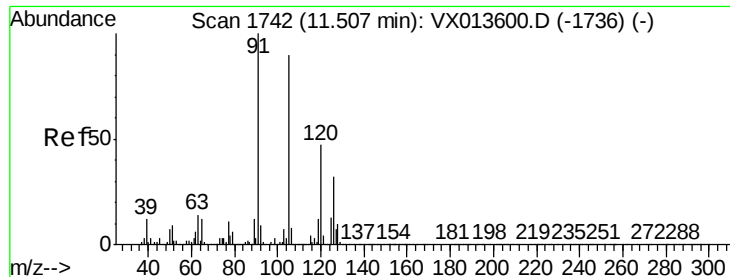


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

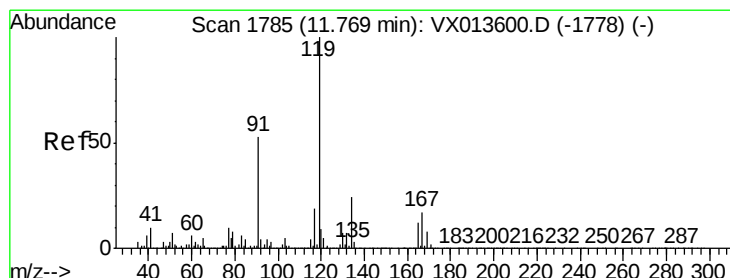
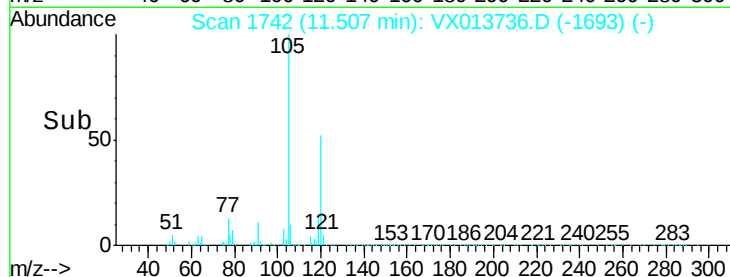
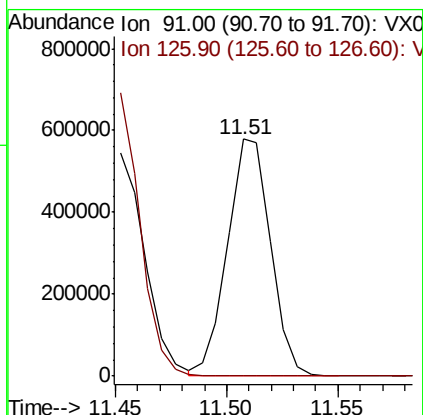
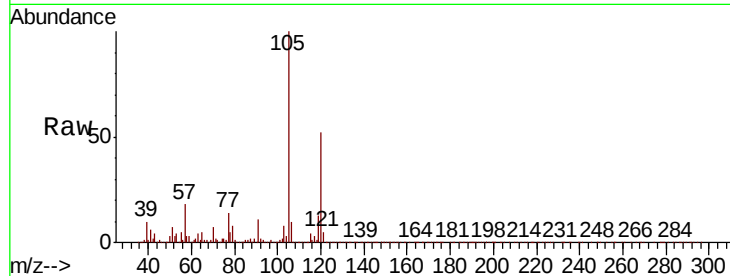




#82
4-Chlorotoluene
Concen: 22.166 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

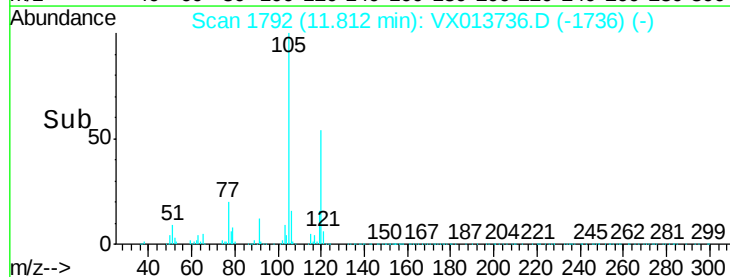
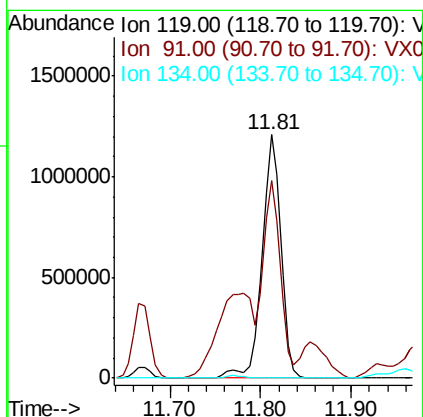
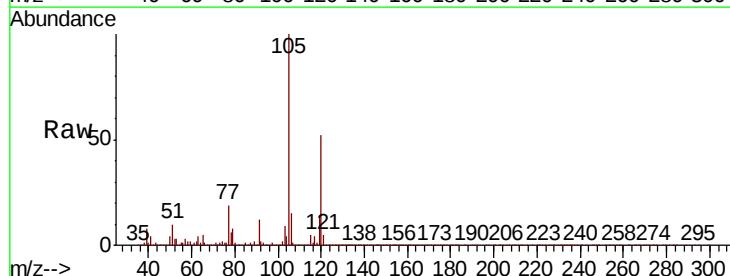
Instrument :
MSVOA_X
ClientSampleId :

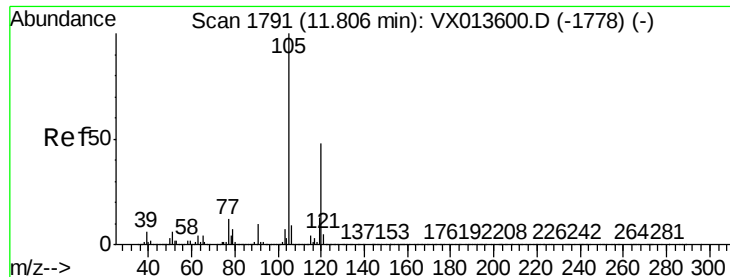
Tot Ion: 91 Resp: 777065
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.0#



#83
tert-Butylbenzene
Concen: 46.202 ug/l
RT: 11.81 min Scan# 1792
Delta R.T. 0.04 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion: 119 Resp: 1739444
Ion Ratio Lower Upper
119 100
91 74.4 27.2 81.6
134 0.0 11.7 35.1#

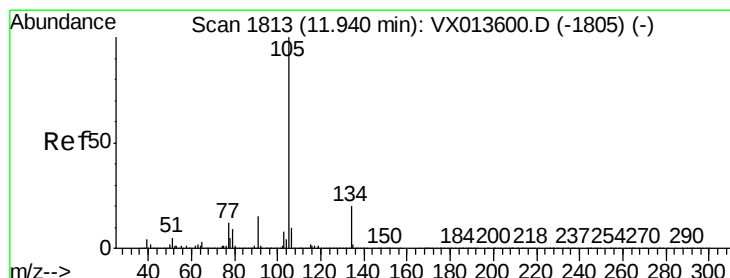
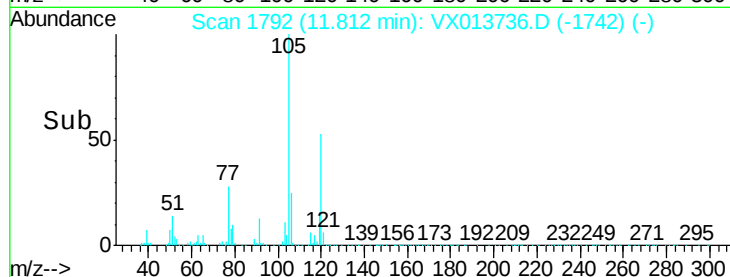
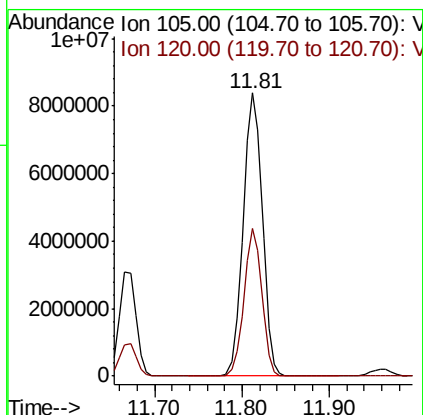
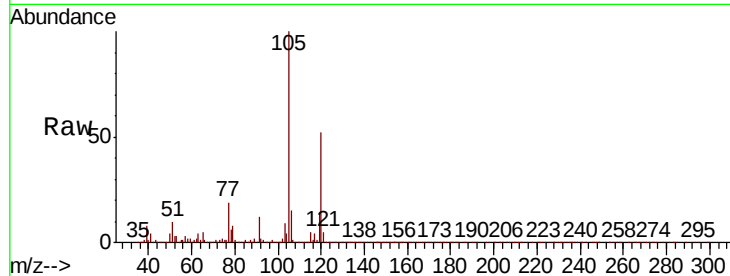




#84
 1,2,4-Trimethylbenzene
 Concen: 338.420 ug/l
 RT: 11.81 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX013736.D
 Acq: 03 Dec 2019 19:41

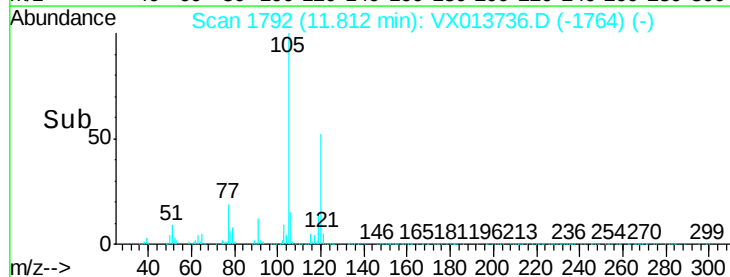
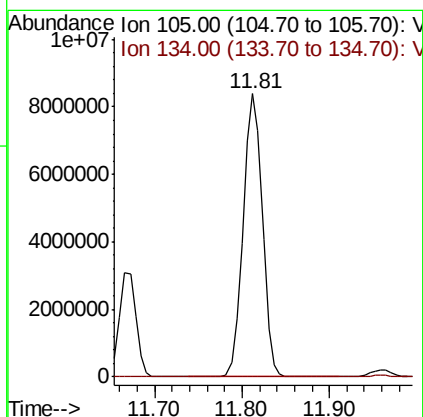
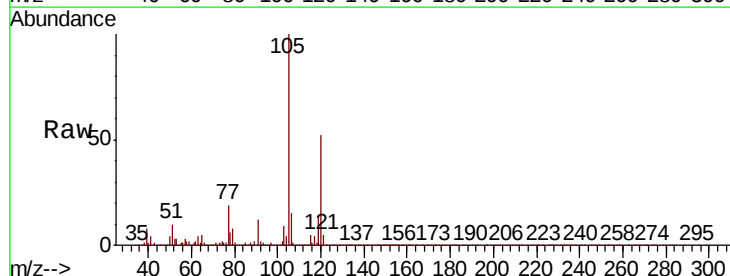
Instrument :
 MSVOA_X
 ClientSampleId :

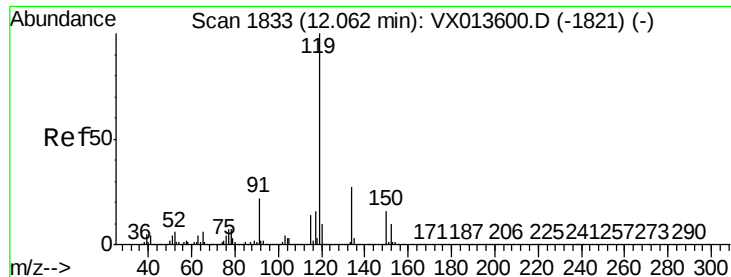
Tot Ion:105 Resp:12723654
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 295.816 ug/l
 RT: 11.81 min Scan# 1792
 Delta R.T. -0.13 min
 Lab File: VX013736.D
 Acq: 03 Dec 2019 19:41

Tgt Ion:105 Resp:12721027
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

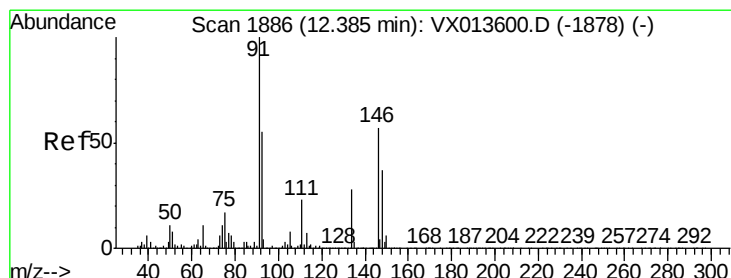
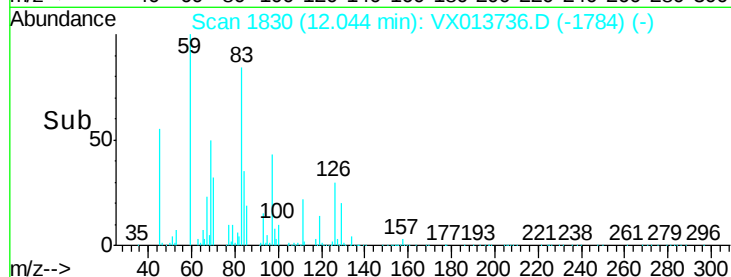
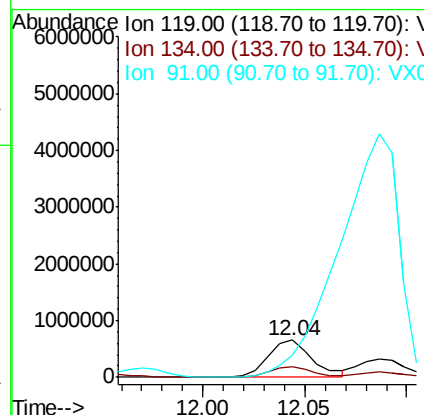
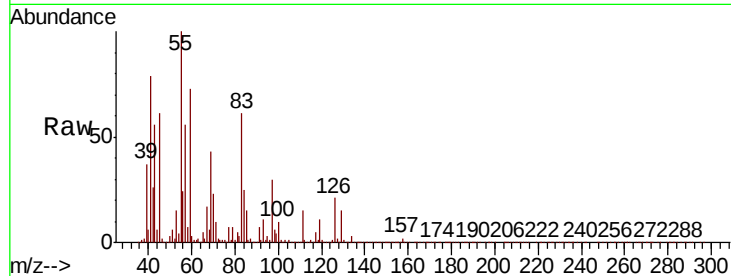




#86
p-Isopropyltoluene
Concen: 24.777 ug/l
RT: 12.04 min Scan# 1830
Delta R.T. -0.02 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

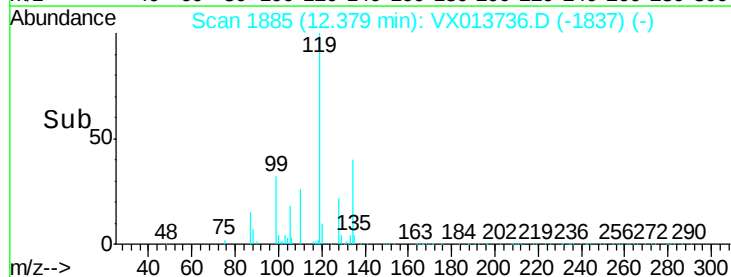
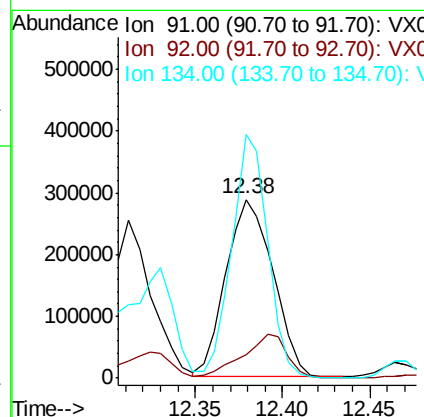
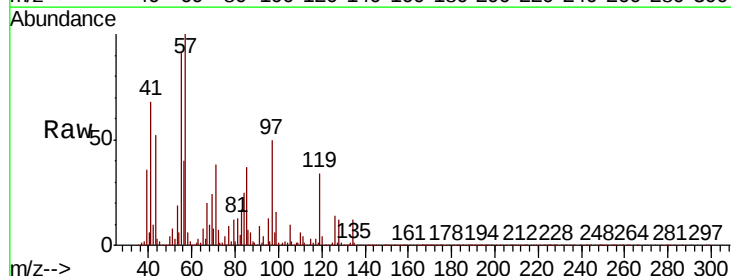
Instrument :
MSVOA_X
ClientSampleId :

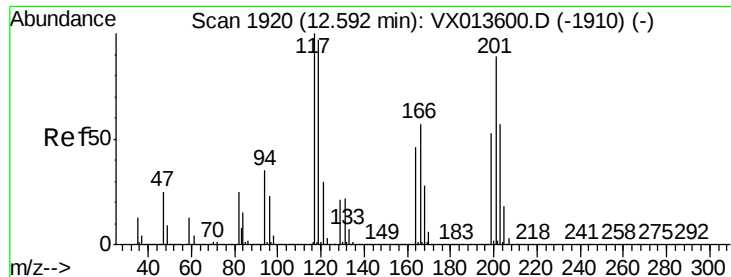
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.3	39.9
91	0.0	11.3	33.8



#89
n-Butylbenzene
Concen: 15.770 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	23.2	27.4	82.2
134	104.3	13.5	40.4

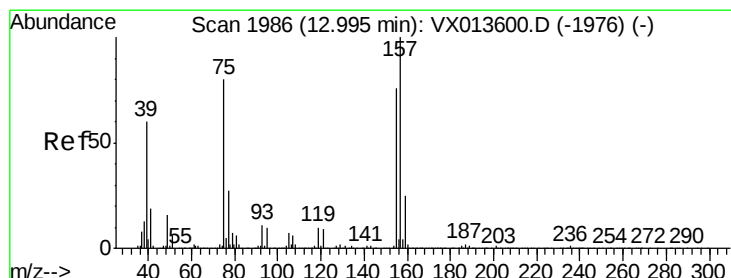
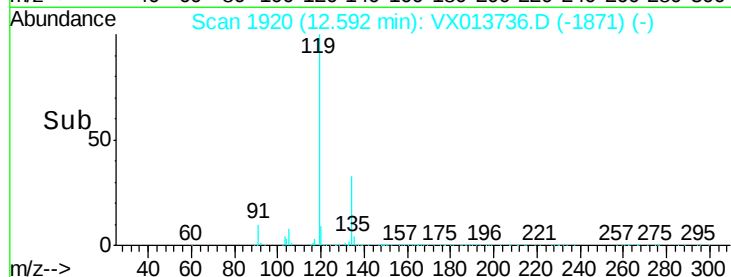
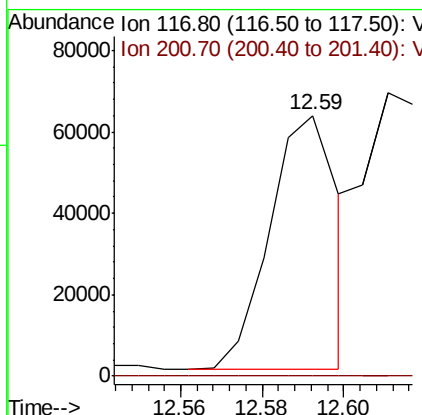
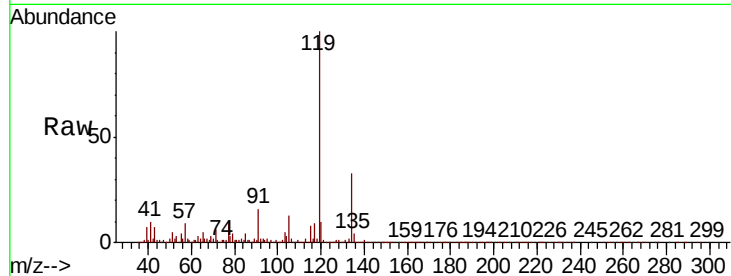




#90
Hexachloroethane
Concen: 9.979 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

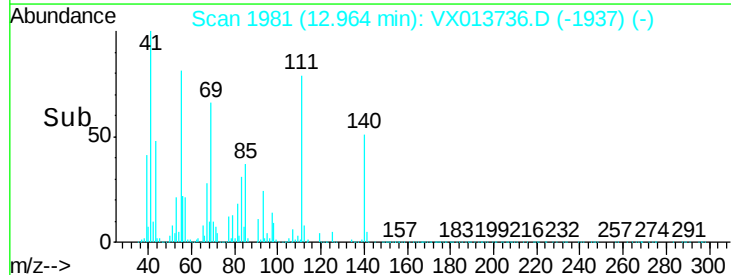
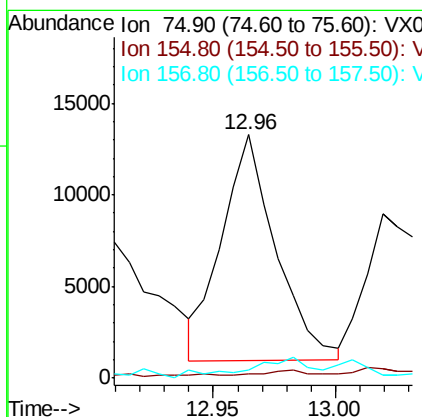
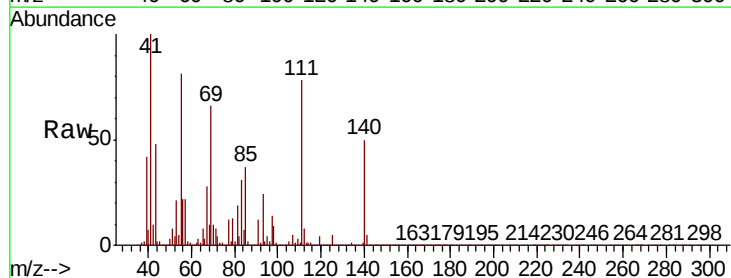
Instrument :
MSVOA_X
ClientSampleId :

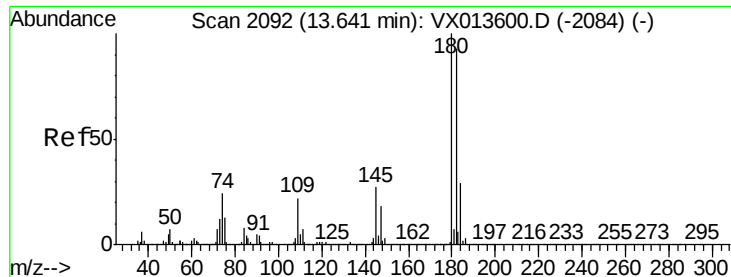
Tot Ion:117 Resp: 72156
Ion Ratio Lower Upper
117 100
201 0.0 44.1 132.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.528 ug/l
RT: 12.96 min Scan# 1981
Delta R.T. -0.03 min
Lab File: VX013736.D
Acq: 03 Dec 2019 19:41

Tgt Ion: 75 Resp: 18868
Ion Ratio Lower Upper
75 100
155 1.9 47.6 142.8#
157 10.7 62.1 186.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.210 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

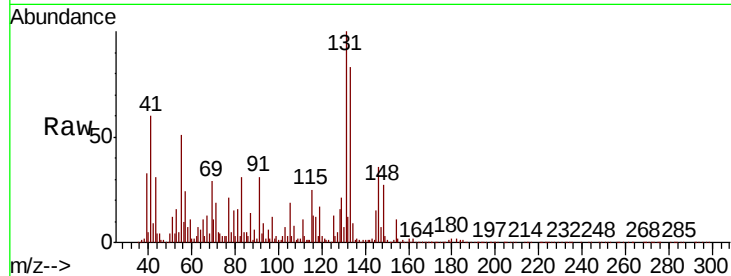
Tot Ion:180 Resp: 3081

Ion Ratio Lower Upper

180 100

182 81.7 47.2 141.6

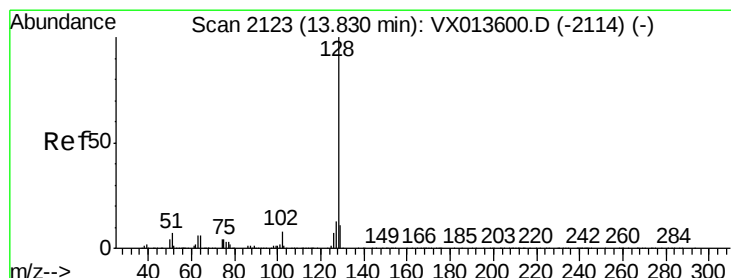
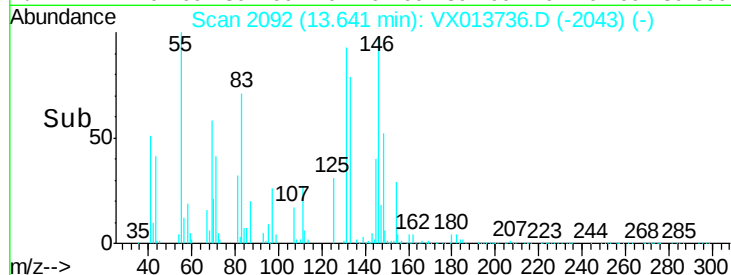
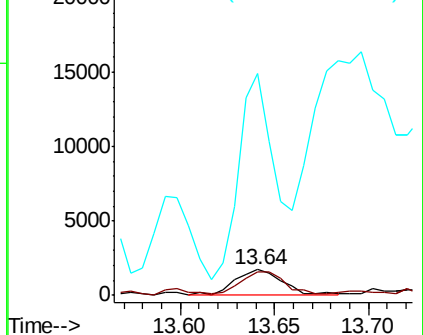
145 609.7 13.8 41.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 15.305 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013736.D

Acq: 03 Dec 2019 19:41

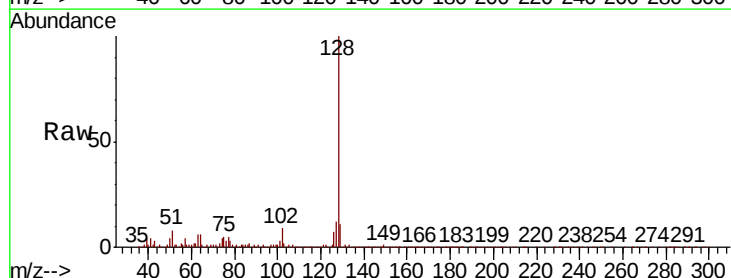
Tgt Ion:128 Resp: 668044

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 12.6 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

