

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014119.D
 Acq On : 19 Dec 2019 14:28
 Operator : JC/SP
 Sample : K6373-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 00:54:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	83494	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	475110	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	429802	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	180356	30.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.53%
60) 4-Bromofluorobenzene	11.13	95	200618	28.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.37%
63) Toluene-d8	8.71	98	582029	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

					Ovalue
4) Vinyl Chloride	1.40	62	1815	0.298 ug/l	91
8) Diethyl Ether	2.18	74	9004	2.583 ug/l	94
11) Methyl Iodide	2.51	142	2810	0.467 ug/l	98
12) Methyl Acetate	2.76	43	2395	0.331 ug/l #	89
13) Acrolein	2.14	56	296	0.337 ug/l	97
15) Acetone	2.43	58	506087	608.846 ug/l	92
16) Carbon Disulfide	2.56	76	268767	21.220 ug/l	97
17) Allyl chloride	2.70	41	35061	4.173 ug/l #	44
18) Methylene Chloride	2.85	84	2171	0.379 ug/l #	85
22) cis-1,2-Dichloroethene	4.59	96	6466	1.089 ug/l	88
23) tert-Butyl Alcohol	3.03	59	4663667	4202.109 ug/l	100
30) 2-Butanone	4.65	43	2853207	705.349 ug/l	99
34) Benzene	6.13	78	56535	2.642 ug/l #	92
35) Methacrylonitrile	5.02	41	986	0.227 ug/l #	34
36) 1,2-Dichloroethane	6.18	62	11339	1.525 ug/l #	83
44) Isopropyl Acetate	6.42	43	26883	2.068 ug/l #	78
45) 1,4-Dioxane	7.74	88	9032	74.191 ug/l #	80
51) Ethyl methacrylate	9.09	69	4130	0.474 ug/l	91
58) 4-Methyl-2-Pentanone	8.64	43	154491	19.211 ug/l	98
59) 2-Hexanone	9.49	43	37440	6.135 ug/l	97
62) Toluene	8.78	91	267704	11.711 ug/l	99
64) Chlorobenzene	10.14	112	15735	1.099 ug/l	96
66) Ethyl Benzene	10.25	91	141991	5.676 ug/l	97
67) m/p-Xylenes	10.35	106	87872	9.189 ug/l	99
68) o-Xylene	10.70	106	51786	5.466 ug/l	99
69) Styrene	10.71	104	20981	1.302 ug/l #	70
70) Isopropylbenzene	11.01	105	20146	0.823 ug/l	98
74) n-propylbenzene	11.35	91	8003	0.288 ug/l	95
75) 2-Chlorotoluene	11.43	91	8928	0.532 ug/l	66
76) 1,3,5-Trimethylbenzene	11.50	105	18070	0.870 ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	1488	0.583 ug/l #	18
80) 1,2,4-Trimethylbenzene	11.80	105	58935	2.838 ug/l	98
82) p-Isopropyltoluene	12.06	119	123065	5.727 ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	46869	4.132 ug/l	99
85) n-Butylbenzene	12.29	91	10516	0.582 ug/l	58
86) Hexachloroethane	12.57	117	5243	1.345 ug/l #	10
87) 1,2-Dichlorobenzene	12.39	146	3503	0.303 ug/l	86

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QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

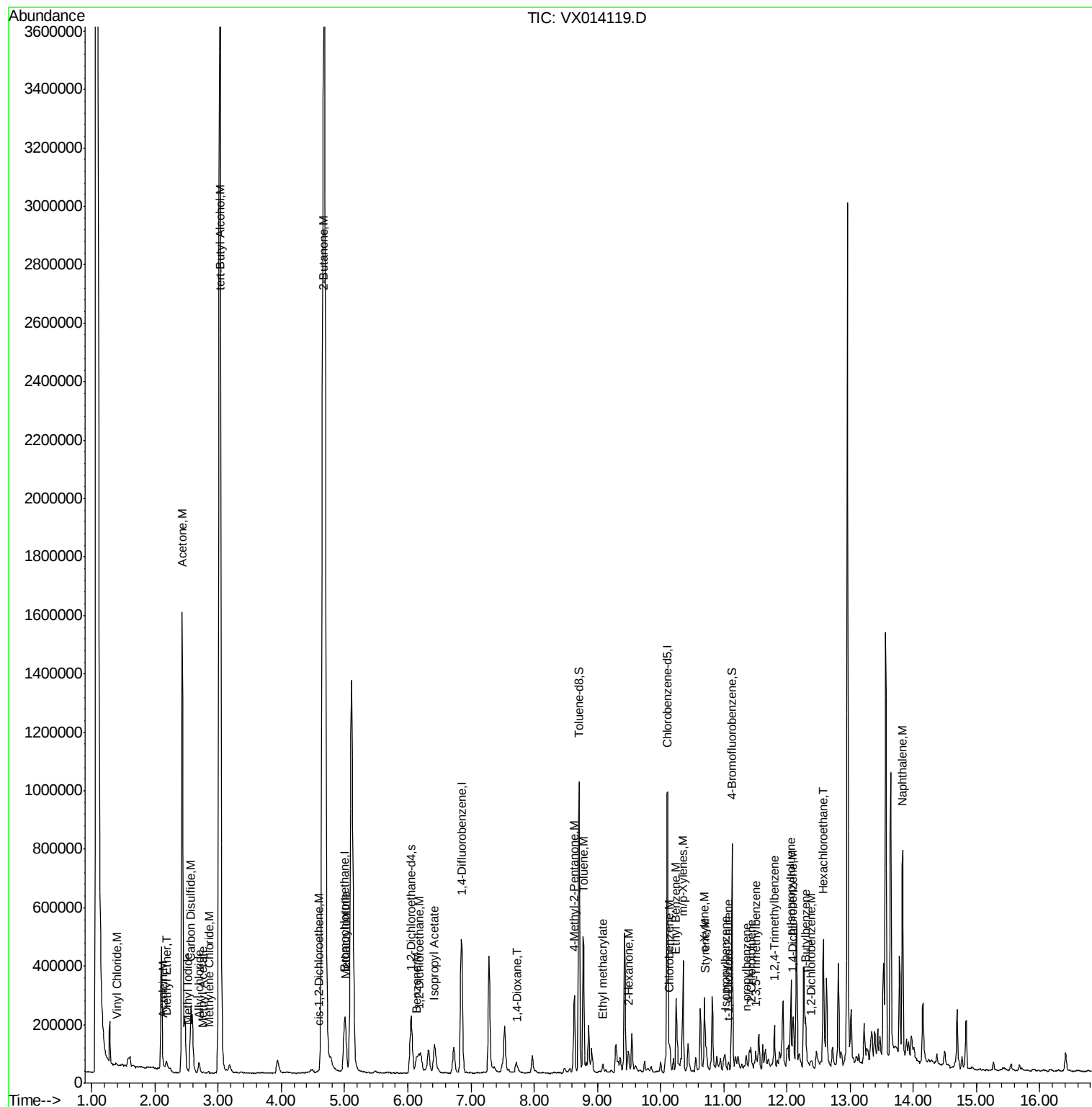
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	13.83	128	411931	18.534	ug/l	99

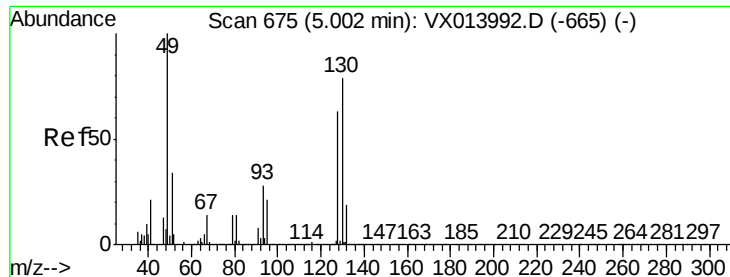
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :

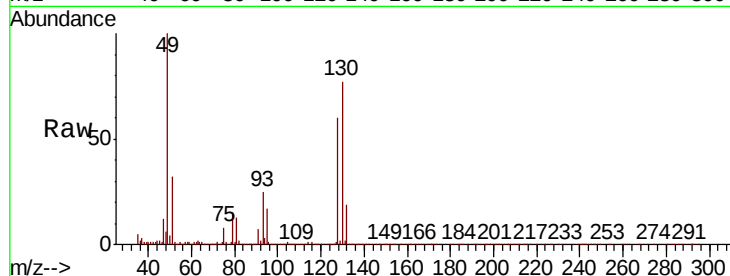
Tot Ion:128 Resp: 83494

Ion Ratio Lower Upper

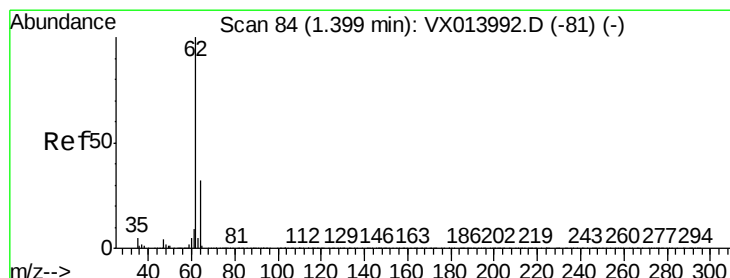
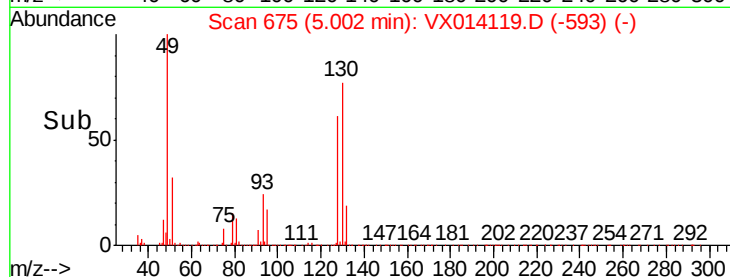
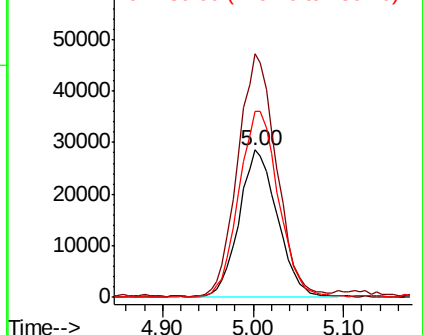
128 100

49 167.1 0.0 405.0

130 131.1 0.0 321.5



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



#4

Vinyl Chloride

Concen: 0.298 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014119.D

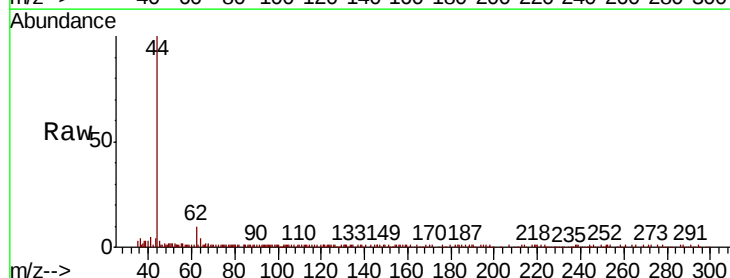
Acq: 19 Dec 2019 14:28

Tgt Ion: 62 Resp: 1815

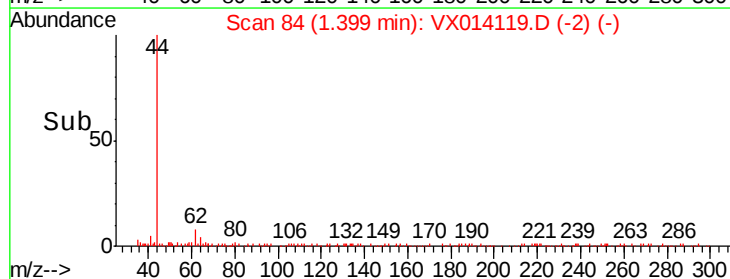
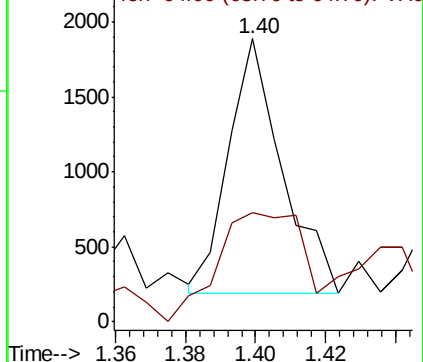
Ion Ratio Lower Upper

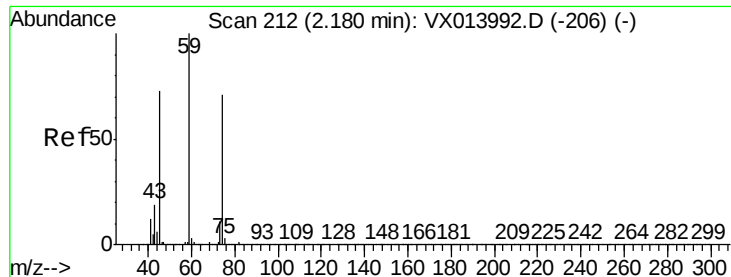
62 100

64 26.3 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 64.00 (63.70 to 64.70): VX0





#8

Diethyl Ether

Concen: 2.583 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

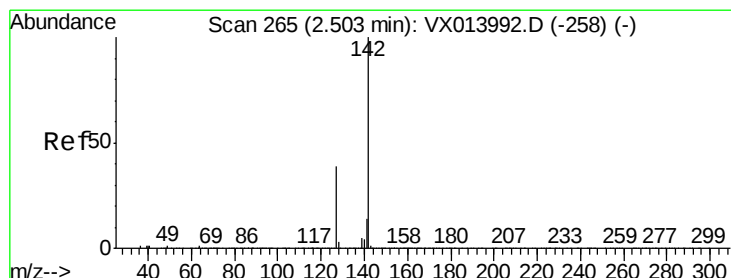
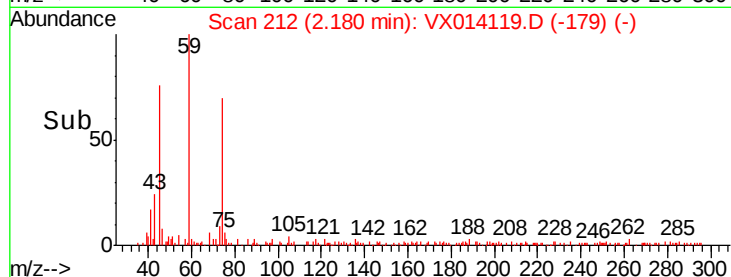
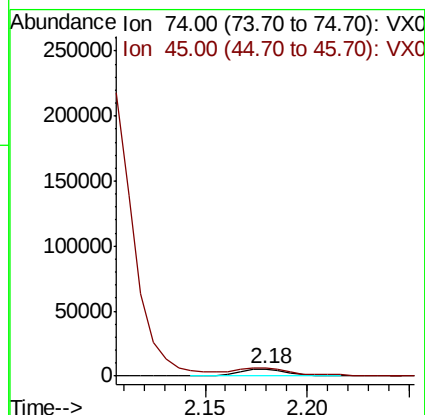
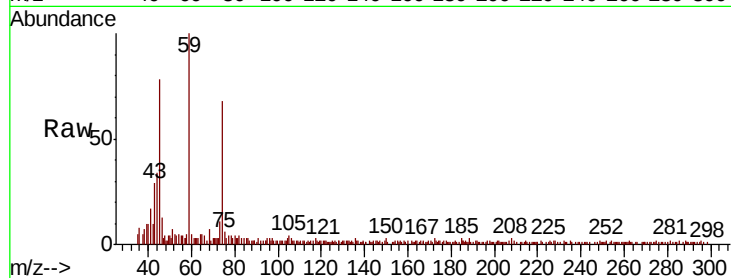
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 74 Resp: 9004

Ion Ratio Lower Upper

74 100

45 109.1 20.6 185.0



#11

Methyl Iodide

Concen: 0.467 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

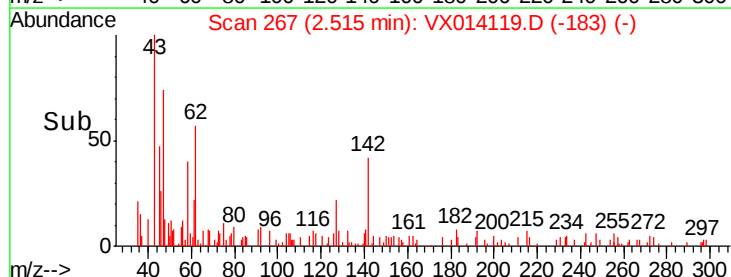
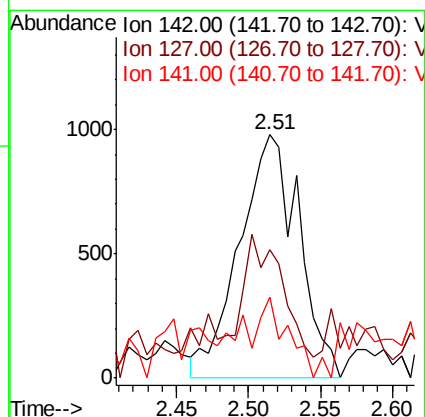
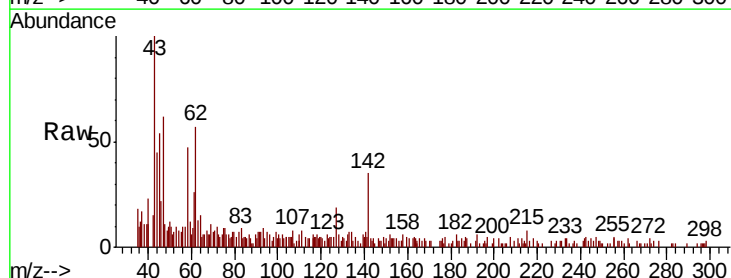
Tgt Ion: 142 Resp: 2810

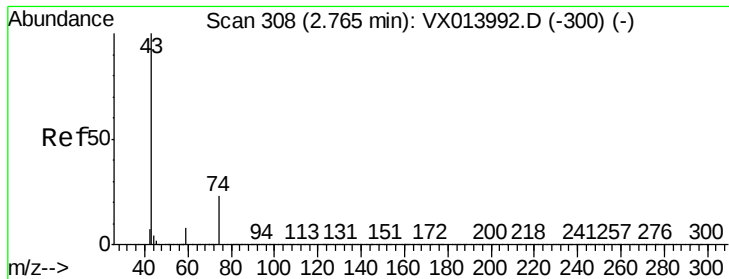
Ion Ratio Lower Upper

142 100

127 38.0 19.5 58.5

141 12.2 7.0 20.9





#12

Methvl Acetate

Concen: 0.331 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :

MSVOA_X

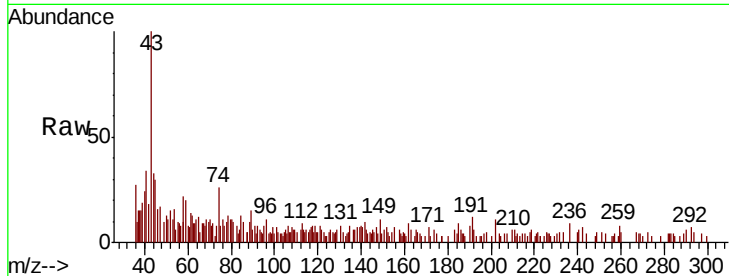
ClientSampled :

Tot Ion: 43 Resp: 2395

Ion Ratio Lower Upper

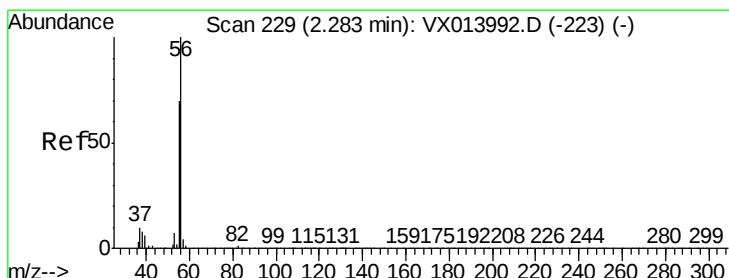
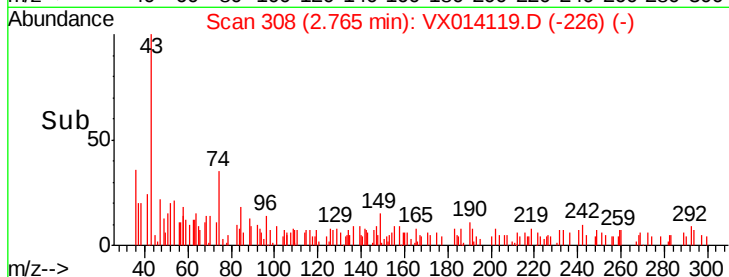
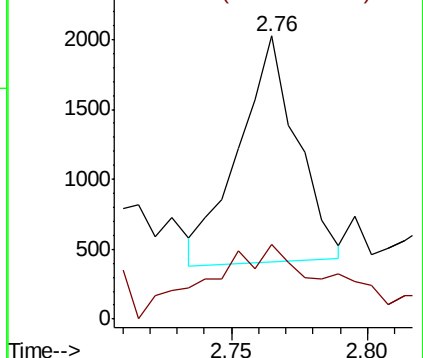
43 100

74 17.8 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#13

Acrolein

Concen: 0.337 ug/l

RT: 2.14 min Scan# 205

Delta R.T. -0.15 min

Lab File: VX014119.D

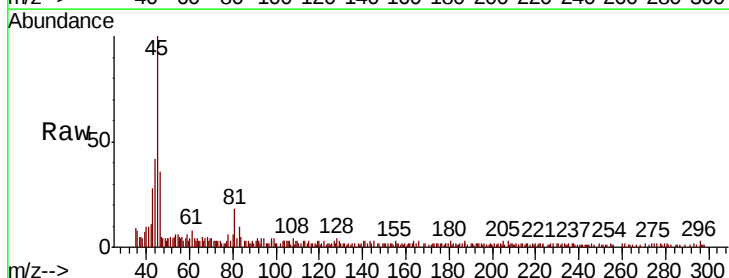
Acq: 19 Dec 2019 14:28

Tgt Ion: 56 Resp: 296

Ion Ratio Lower Upper

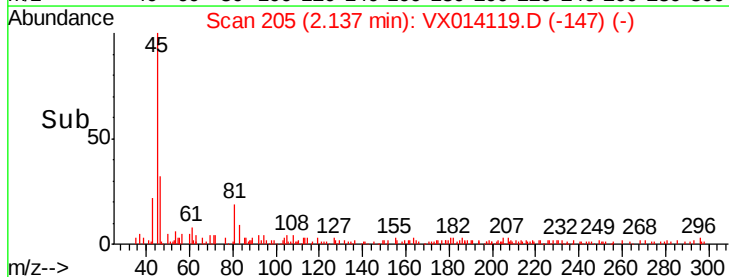
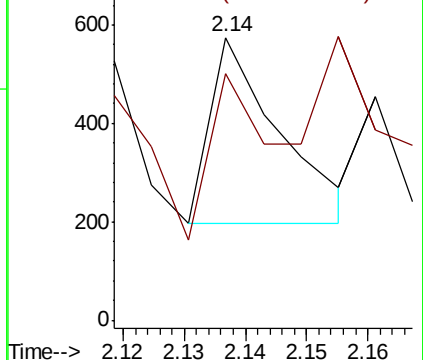
56 100

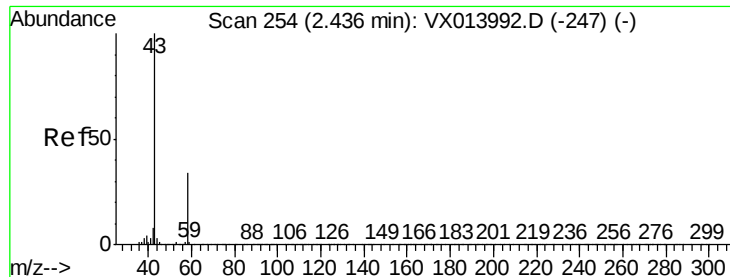
55 65.9 54.9 82.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acetone

Concen: 608.846 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

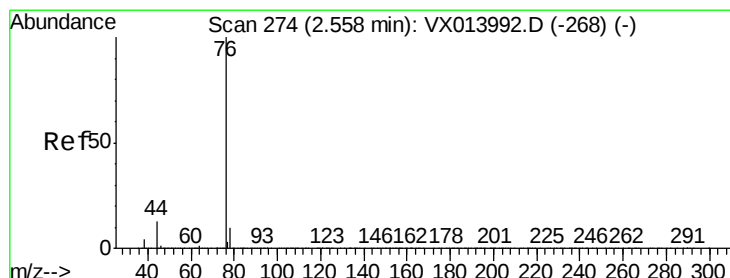
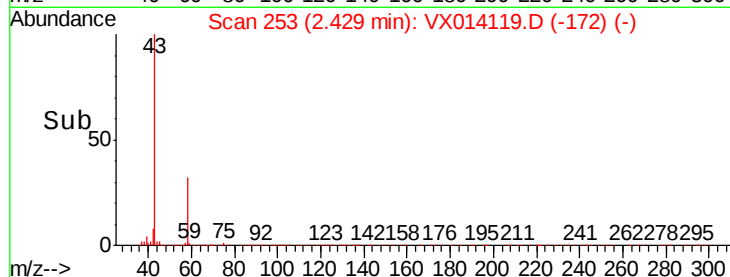
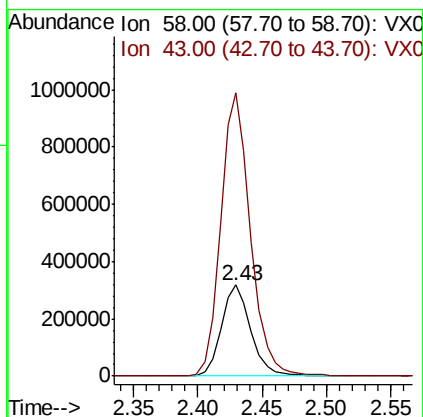
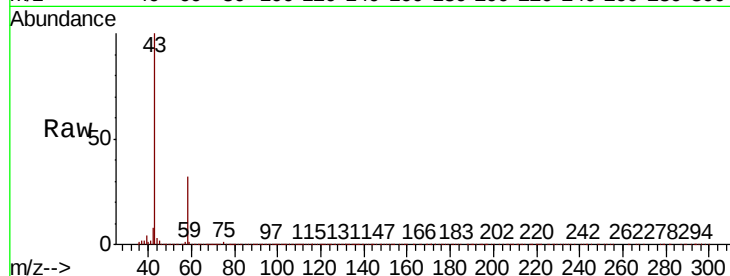
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 506087

Ion Ratio Lower Upper

58 100

43 311.5 236.3 354.5



#16

Carbon Disulfide

Concen: 21.220 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014119.D

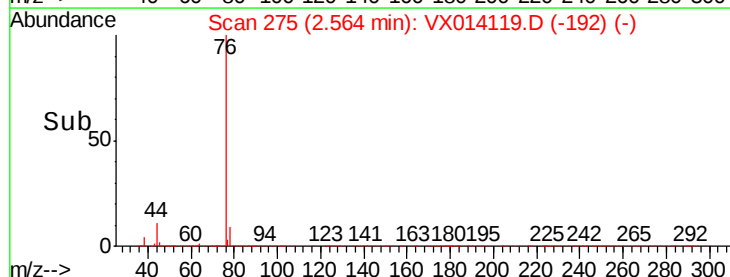
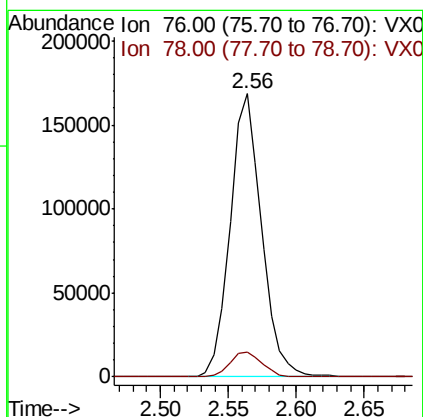
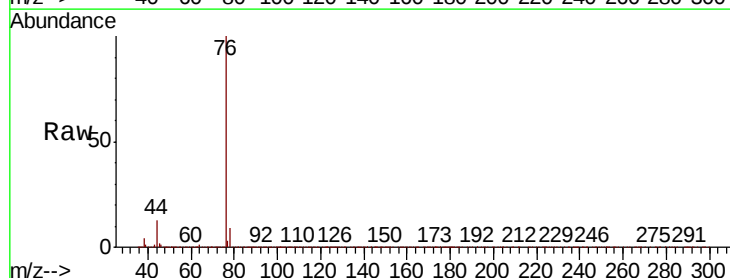
Acq: 19 Dec 2019 14:28

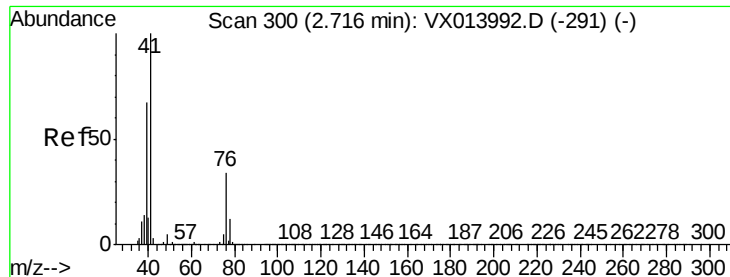
Tgt Ion: 76 Resp: 268767

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8

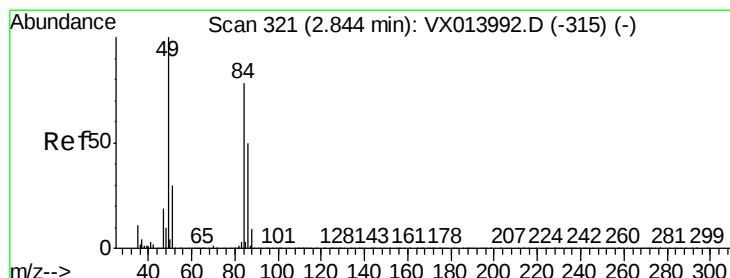
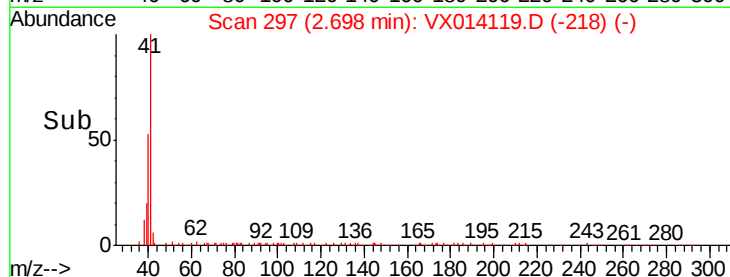
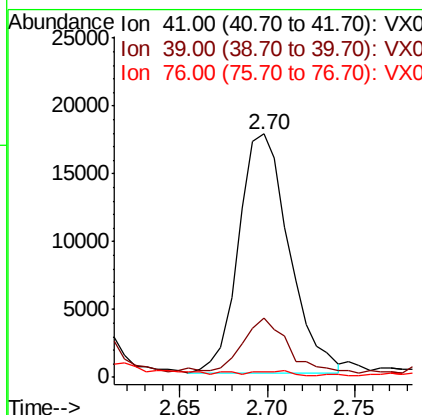
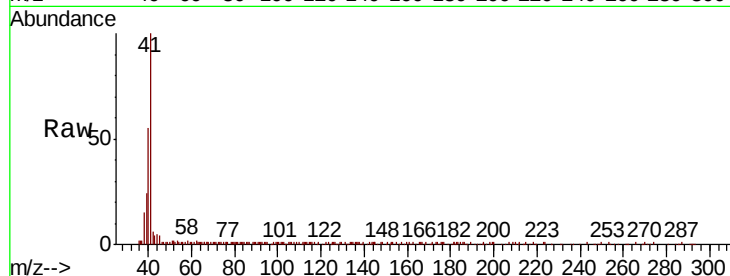




#17
Allvl chloride
Concen: 4.173 ug/l
RT: 2.70 min Scan# 297
Delta R.T. -0.02 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

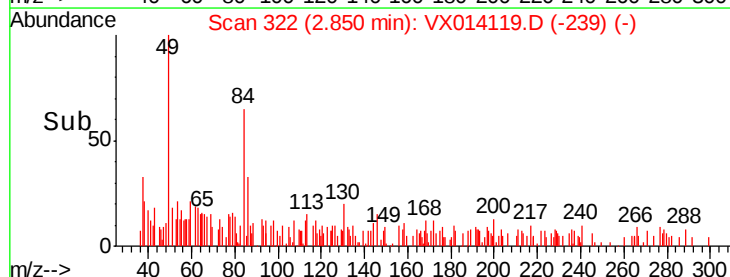
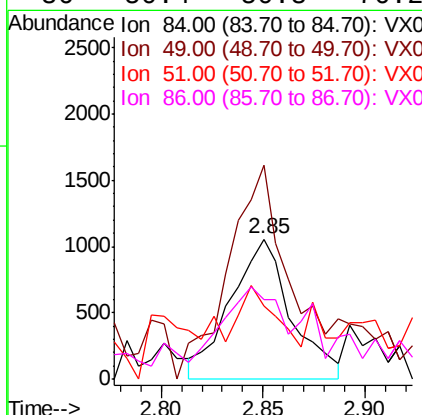
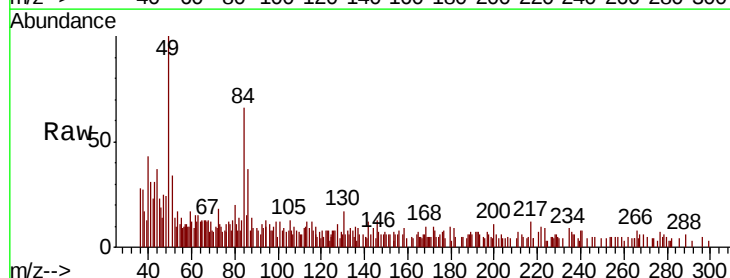
Instrument :
MSVOA_X
ClientSampleId :

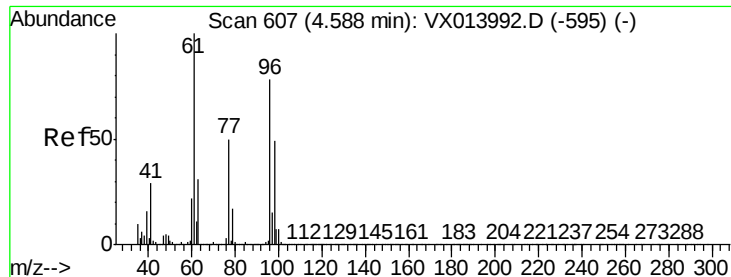
Tot Ion: 41 Resp: 35061
Ion Ratio Lower Upper
41 100
39 22.3 33.4 100.2#
76 0.8 17.0 50.9#



#18
Methylene Chloride
Concen: 0.379 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Tgt Ion: 84 Resp: 2171
Ion Ratio Lower Upper
84 100
49 142.1 102.2 153.2
51 25.5 31.4 47.0#
86 50.4 50.8 76.2#



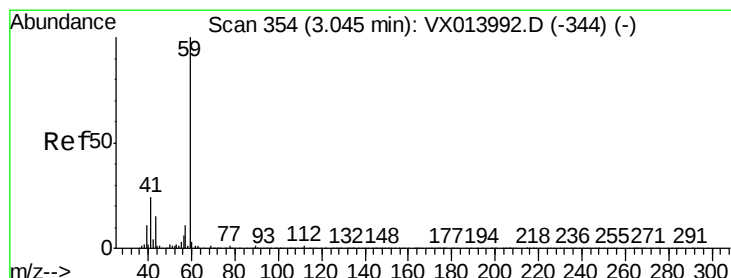
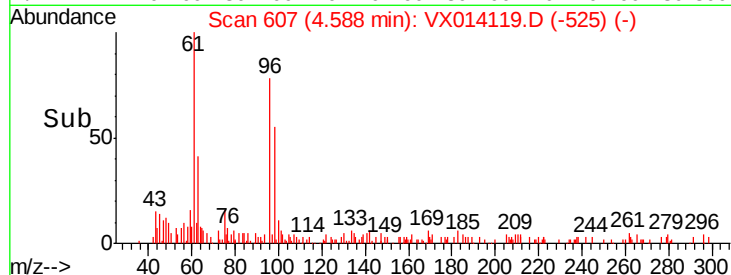
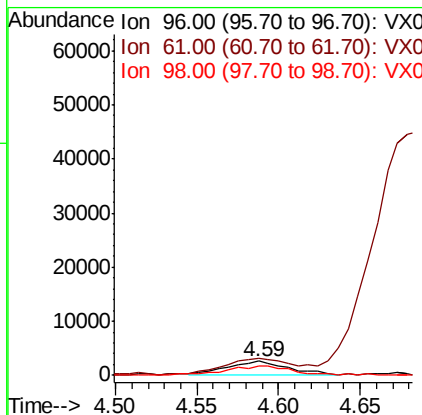
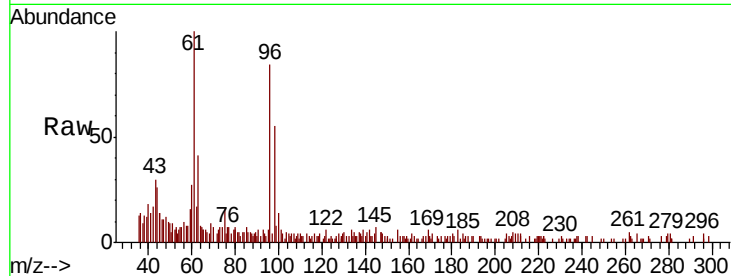


#22

cis-1,2-Dichloroethene
Concen: 1.089 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :

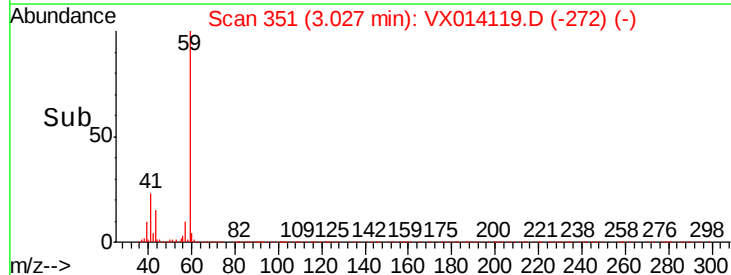
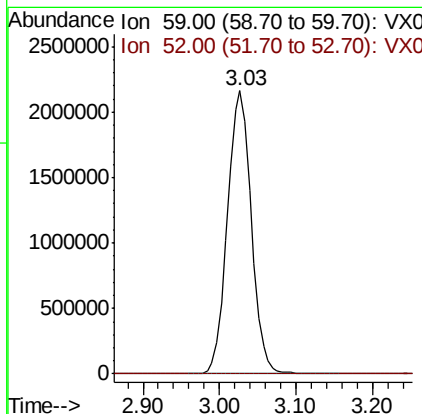
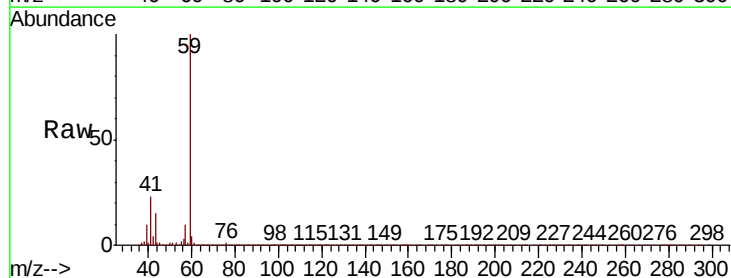
Tot Ion: 96 Resp: 6466
Ion Ratio Lower Upper
96 100
61 158.4 112.4 168.6
98 66.6 50.3 75.5

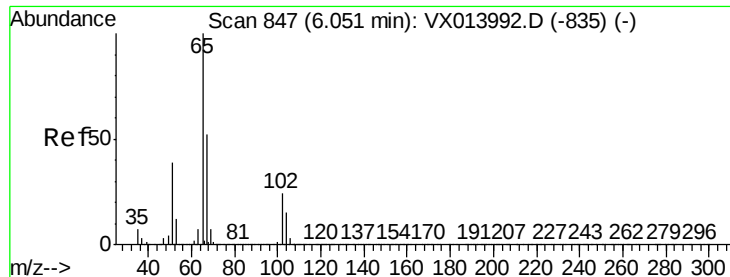


#23

tert-Butyl Alcohol
Concen: 4202.109 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Tgt Ion: 59 Resp: 4663667
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2





#27

1,2-Dichloroethane-d4

Concen: 30.162 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :

MSVOA_X

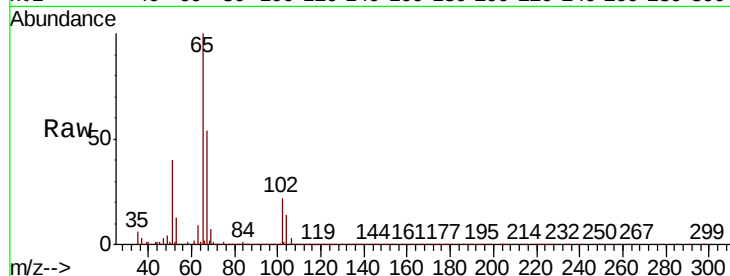
ClientSampleId :

Tot Ion: 65 Resp: 180356

Ion Ratio Lower Upper

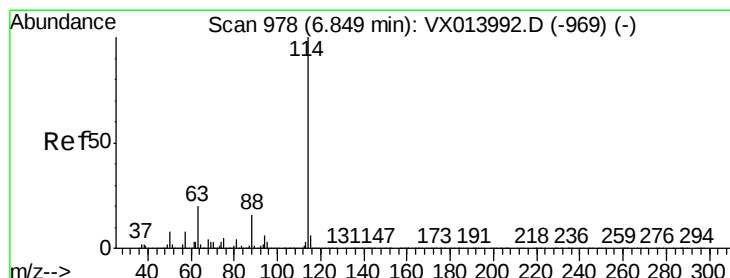
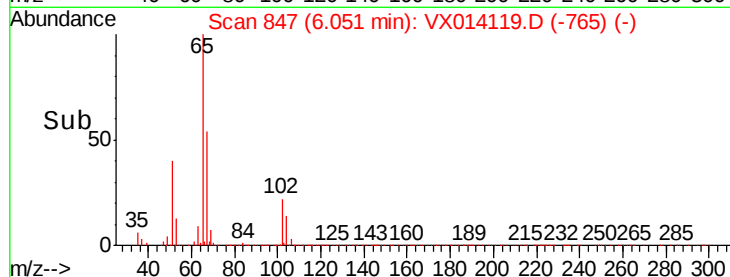
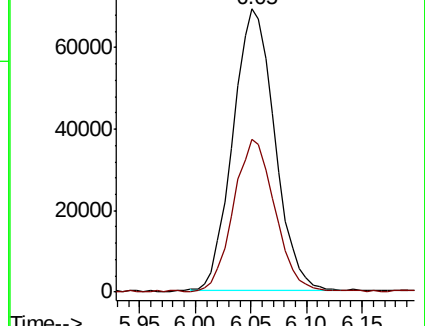
65 100

67 53.5 43.1 64.7



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: VX014119.D

Acq: 19 Dec 2019 14:28

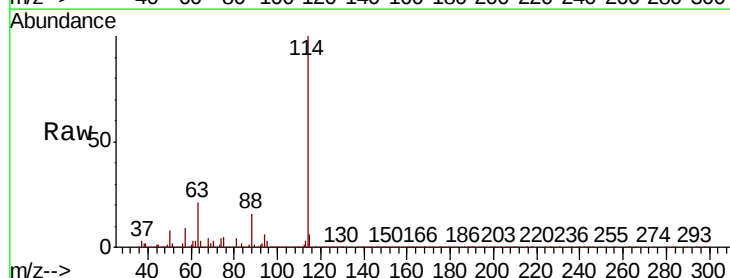
Tgt Ion: 114 Resp: 475110

Ion Ratio Lower Upper

114 100

63 20.5 16.1 24.1

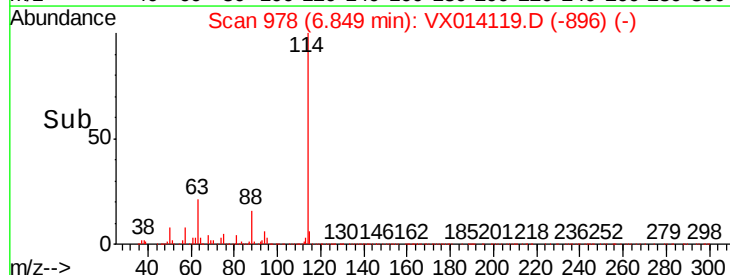
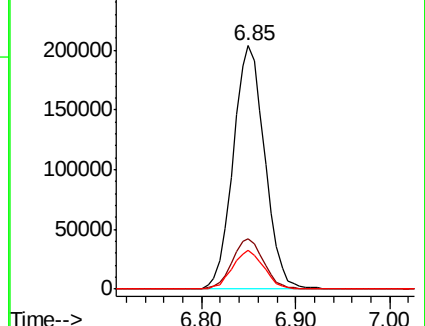
88 15.8 12.5 18.7

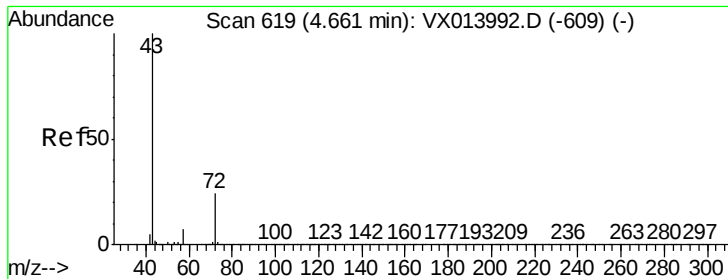


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

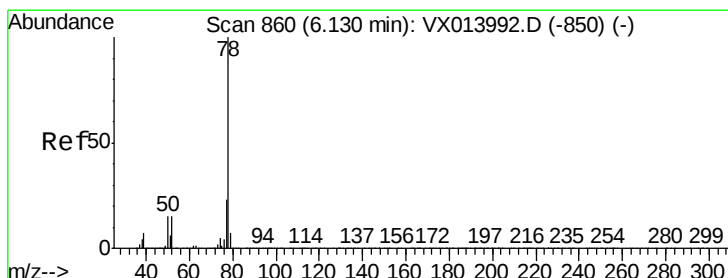
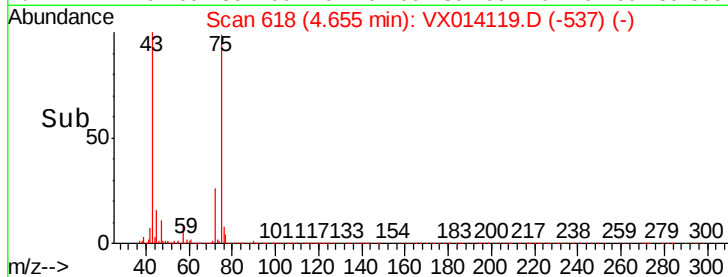
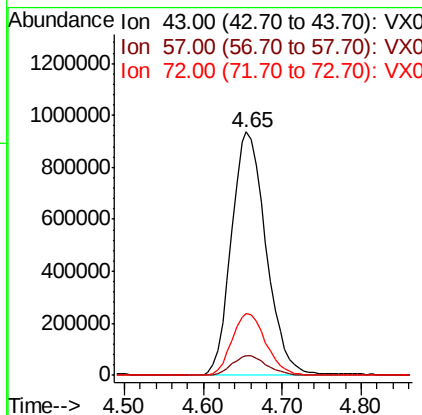
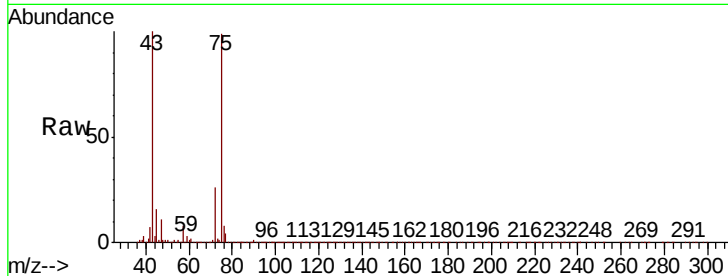




#30
2-Butanone
Concen: 705.349 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

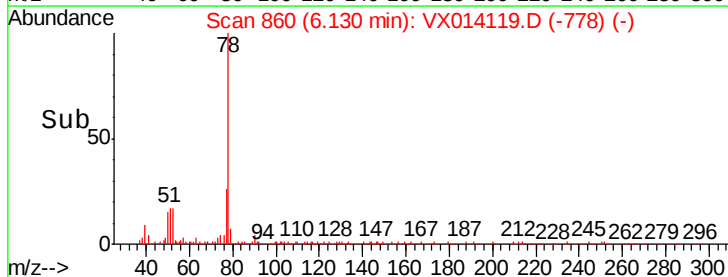
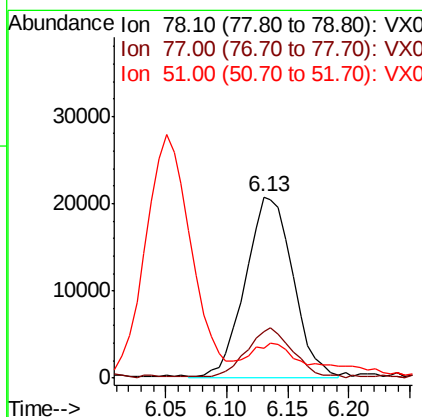
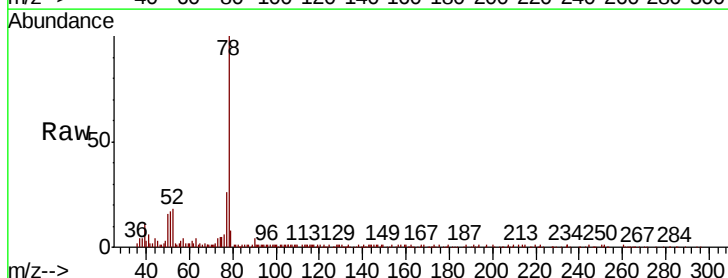
Instrument :
MSVOA_X
ClientSampleId :

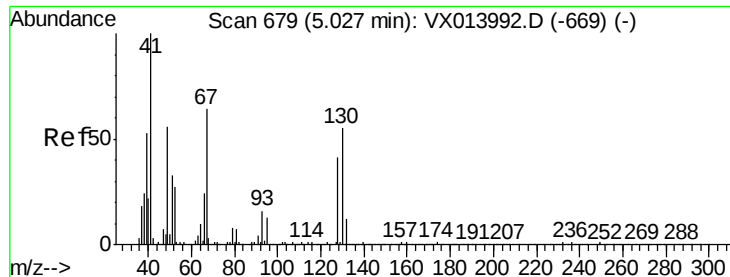
Tot Ion: 43 Resp: 2853207
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.2
72 25.0 20.3 30.5



#34
Benzene
Concen: 2.642 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Tgt Ion: 78 Resp: 56535
Ion Ratio Lower Upper
78 100
77 24.9 18.2 27.2
51 9.9 12.4 18.6#

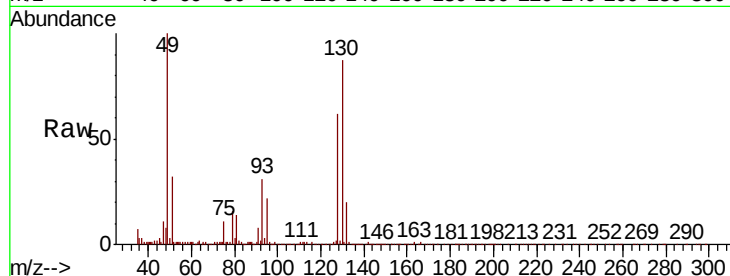




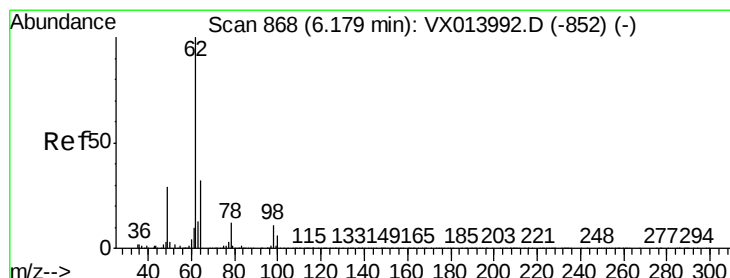
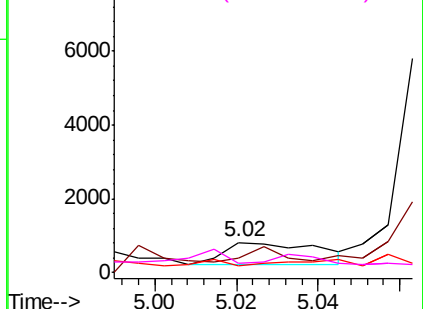
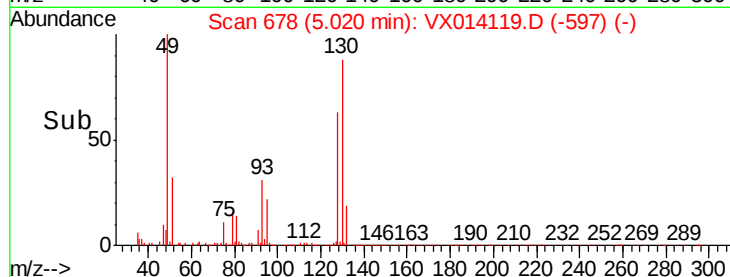
#35
Methacrylonitrile
Concen: 0.227 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 986
Ion Ratio Lower Upper
41 100
39 12.8 26.7 80.1#
67 0.0 31.5 94.5#
52 2.4 12.8 38.4#

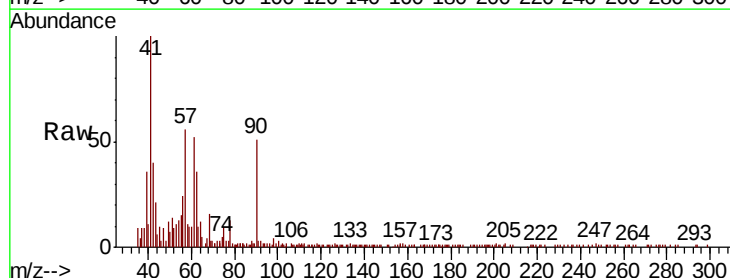


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

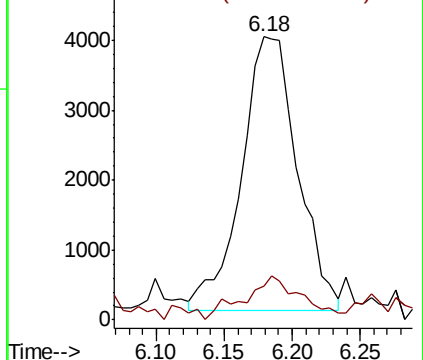
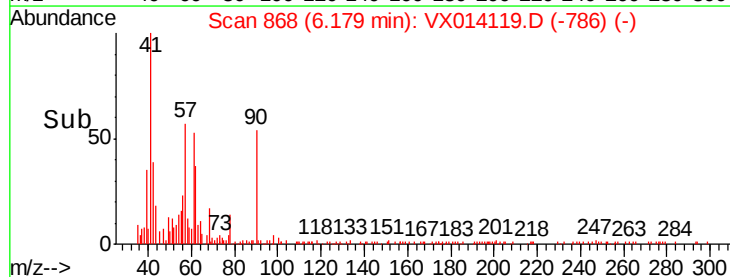


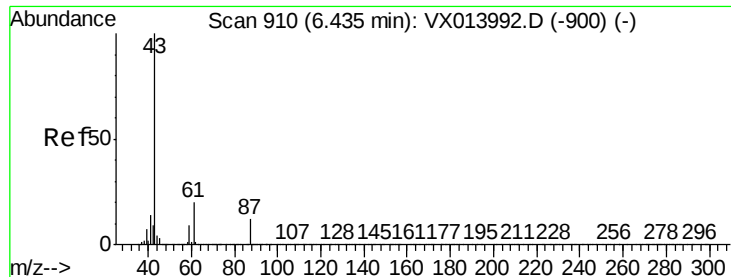
#36
1,2-Dichloroethane
Concen: 1.525 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Tgt Ion: 62 Resp: 11339
Ion Ratio Lower Upper
62 100
98 4.0 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



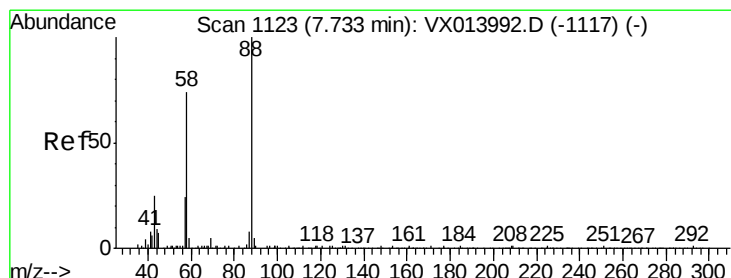
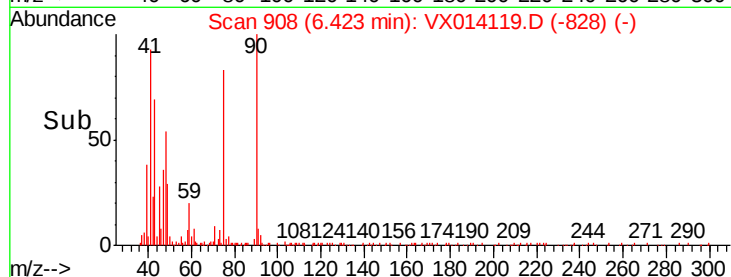
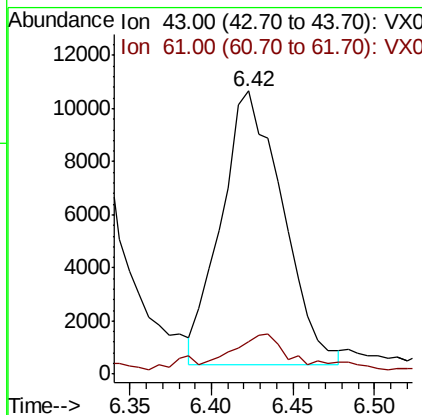
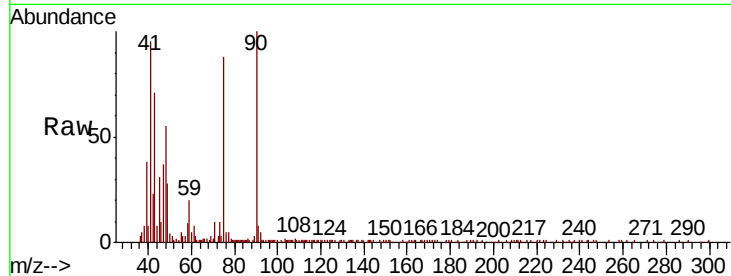


#44

Isopropyl Acetate
 Concen: 2.068 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: VX014119.D
 Acq: 19 Dec 2019 14:28

Instrument :
 MSVOA_X
 ClientSampled :

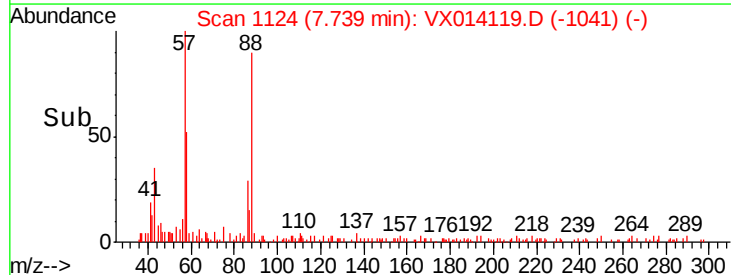
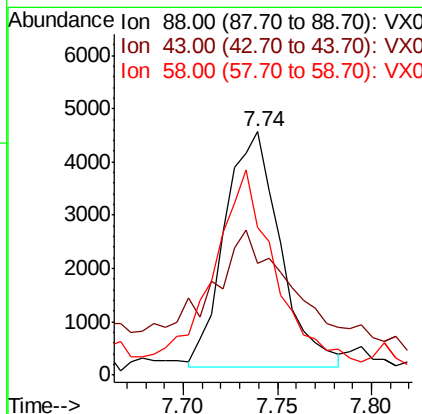
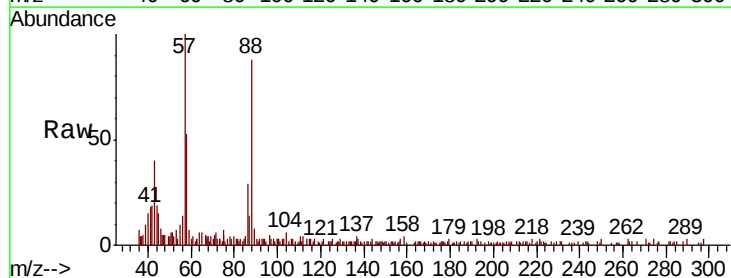
Tot Ion: 43 Resp: 26883
 Ion Ratio Lower Upper
 43 100
 61 9.6 15.9 23.9#

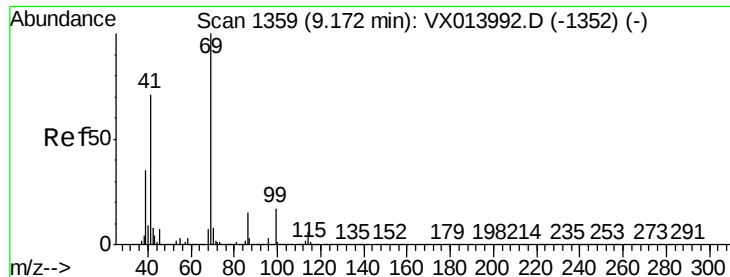


#45

1,4-Dioxane
 Concen: 74.191 ug/l
 RT: 7.74 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VX014119.D
 Acq: 19 Dec 2019 14:28

Tgt Ion: 88 Resp: 9032
 Ion Ratio Lower Upper
 88 100
 43 42.0 25.4 38.2#
 58 87.6 56.5 84.7#





#51

Ethyl methacrylate

Concen: 0.474 ug/l

RT: 9.09 min Scan# 1345

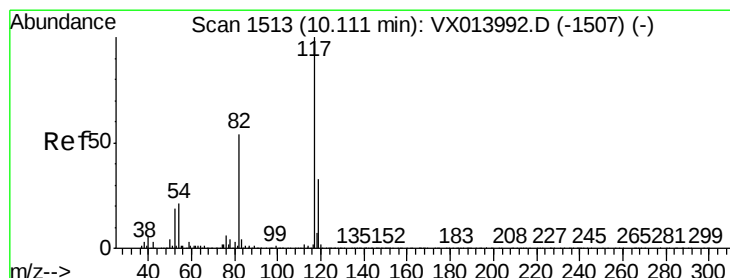
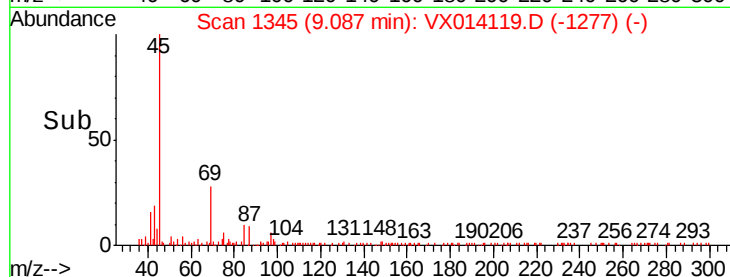
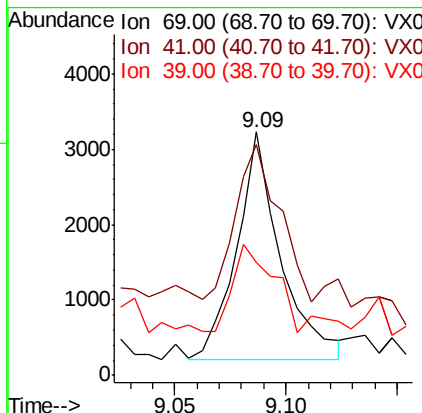
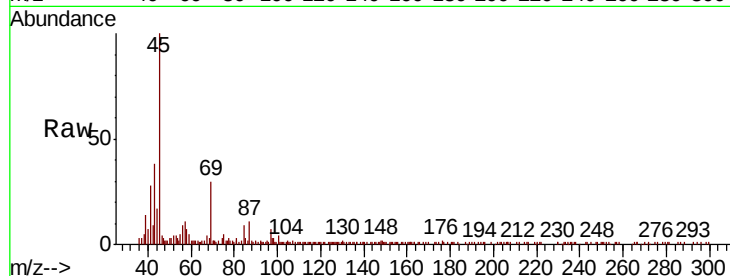
Delta R.T. -0.09 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	4130
Ion	Ratio	Lower	Upper
69	100		
41	65.0	35.4	106.1
39	27.5	17.8	53.3



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

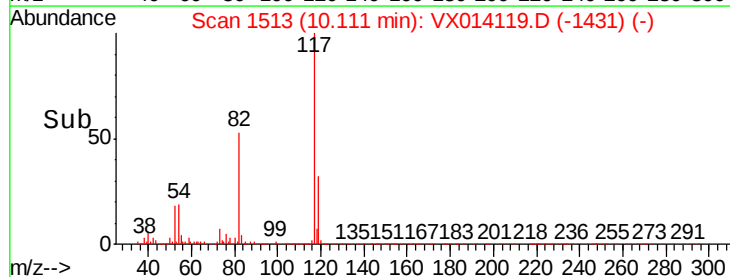
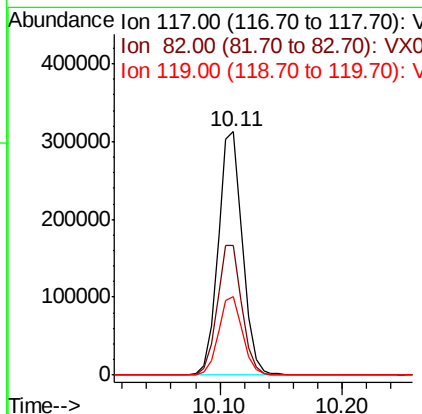
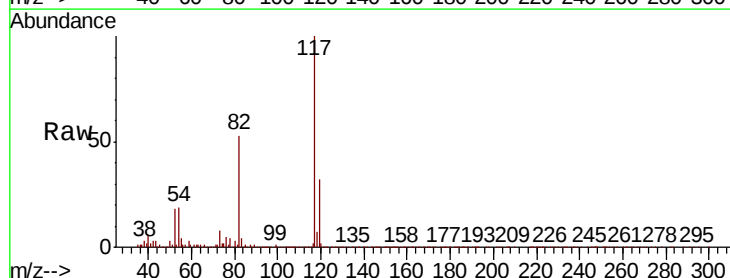
RT: 10.11 min Scan# 1513

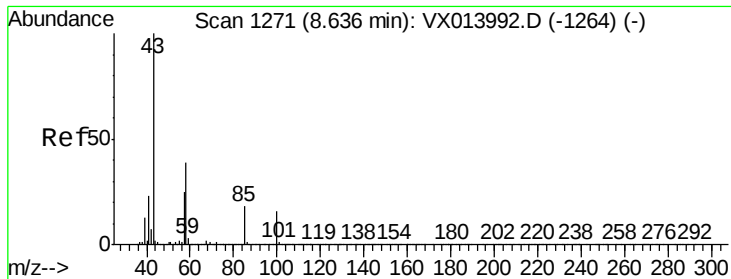
Delta R.T. -0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Tgt Ion:	117	Resp:	429802
Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	31.9	25.8	38.6

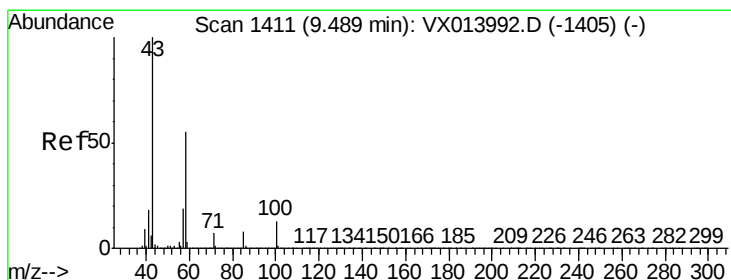
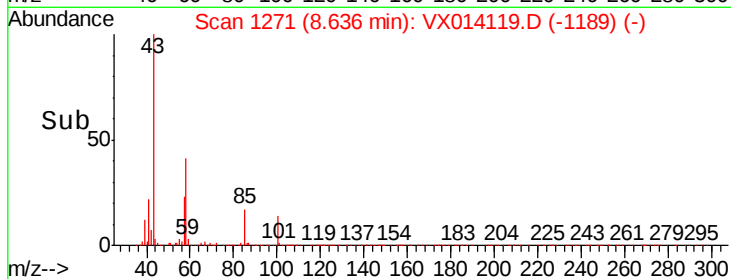
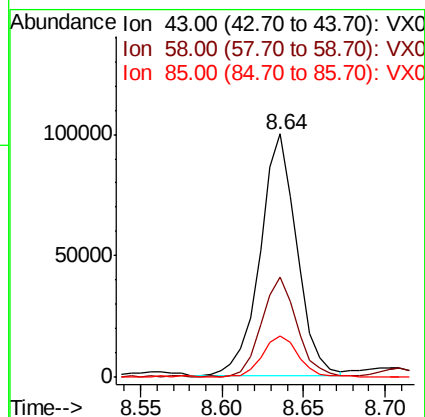
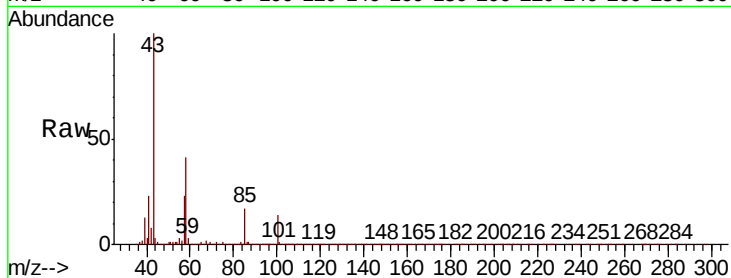




#58
4-Methyl-2-Pentanone
Concen: 19.211 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

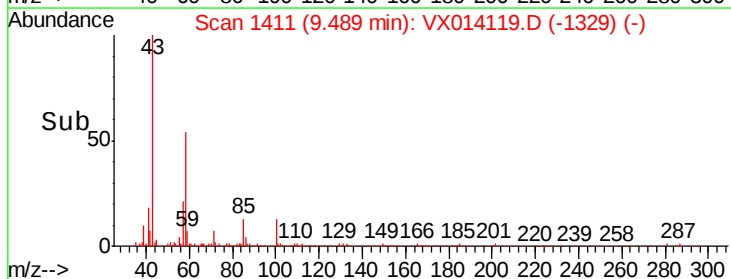
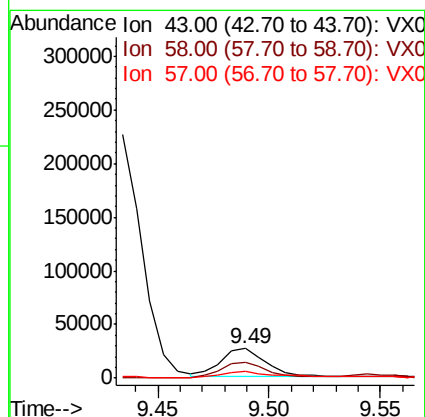
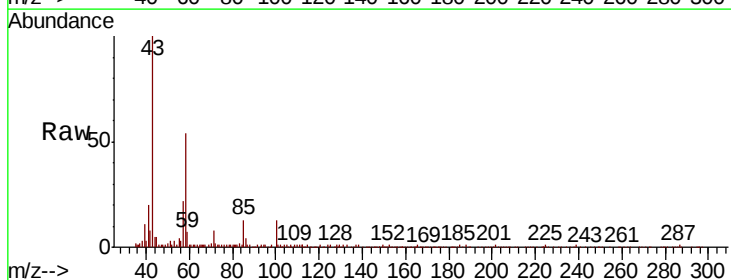
Instrument :
MSVOA_X
ClientSampleId :

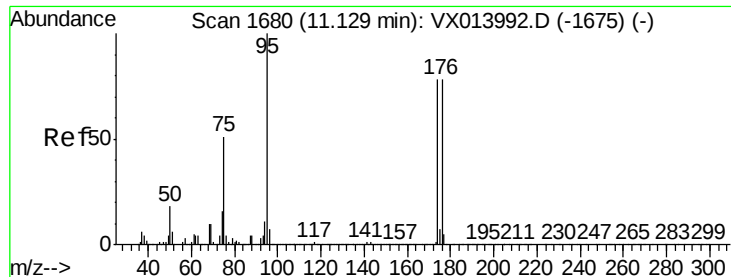
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.2	46.8
85	16.9	14.2	21.2



#59
2-Hexanone
Concen: 6.135 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.8	43.8	65.6
57	18.9	15.4	23.0

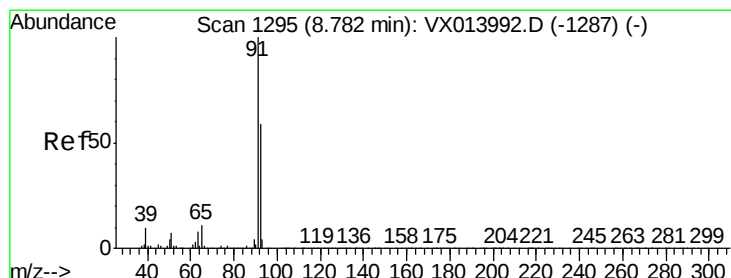
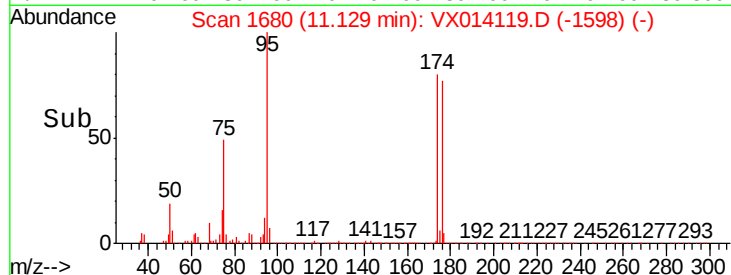
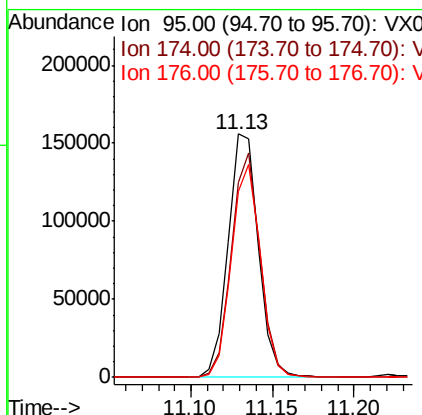
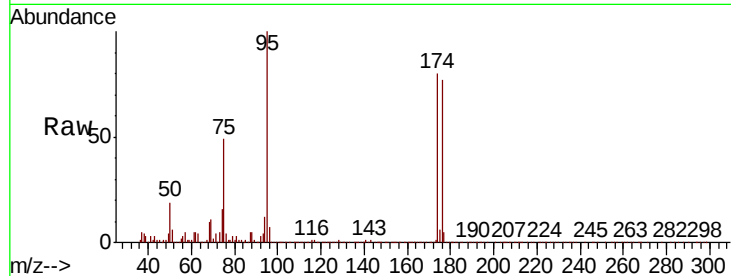




#60
4-Bromofluorobenzene
Concen: 28.906 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

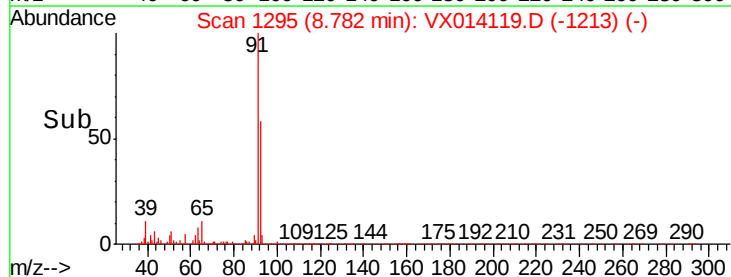
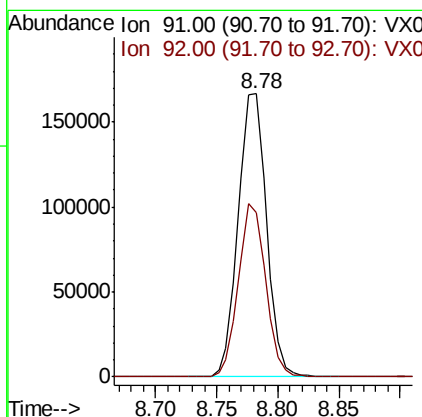
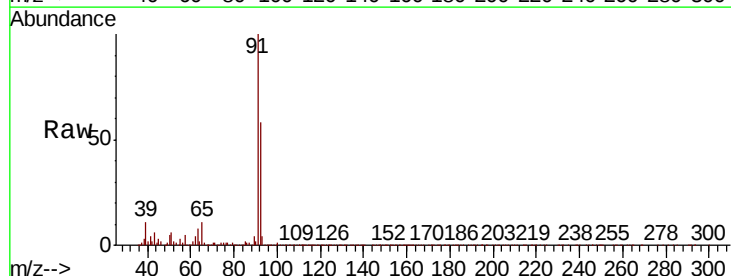
Instrument :
MSVOA_X
ClientSampled :

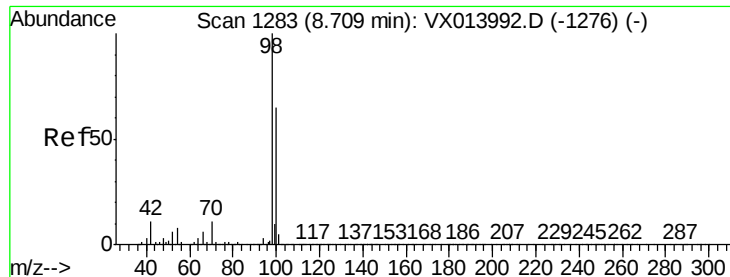
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.0	70.2	105.2
176	84.2	68.3	102.5



#62
Toluene
Concen: 11.711 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.0	46.4	69.6





#63

Toluene-d8

Concen: 30.296 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :

MSVOA_X

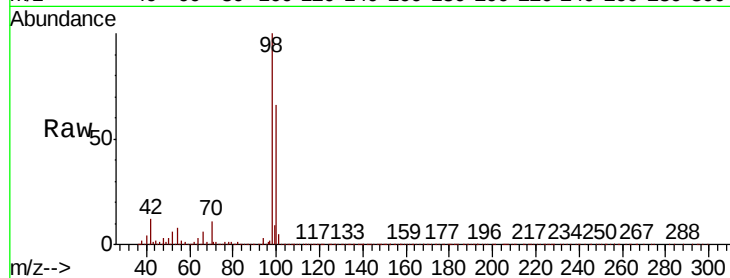
ClientSampleId :

Tot Ion: 98 Resp: 582029

Ion Ratio Lower Upper

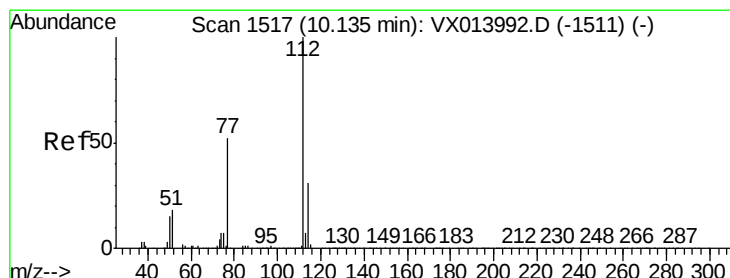
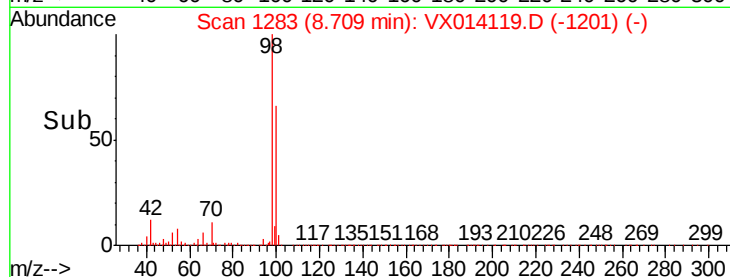
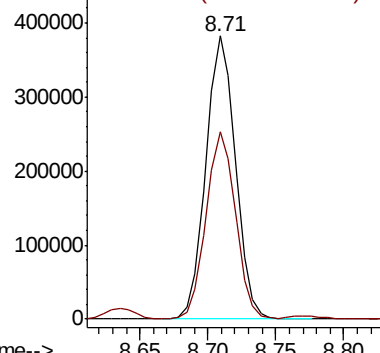
98 100

100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 1.099 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014119.D

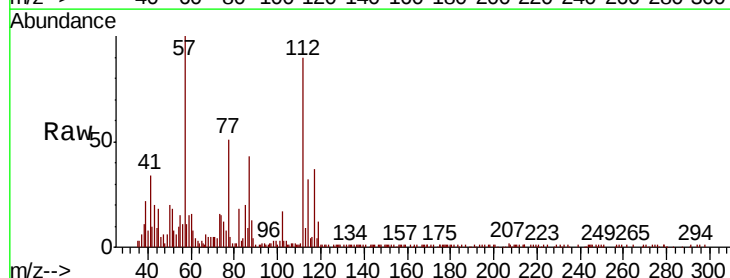
Acq: 19 Dec 2019 14:28

Tgt Ion: 112 Resp: 15735

Ion Ratio Lower Upper

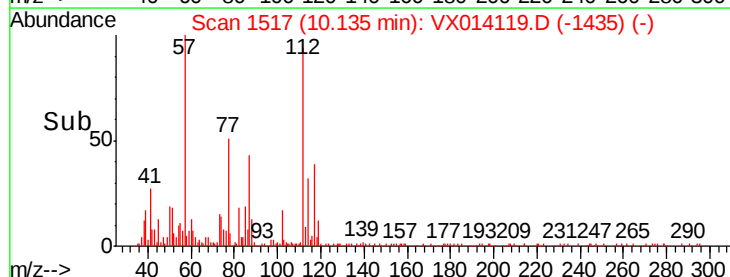
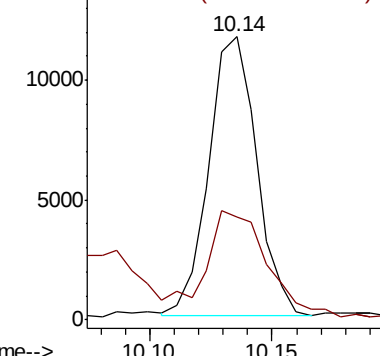
112 100

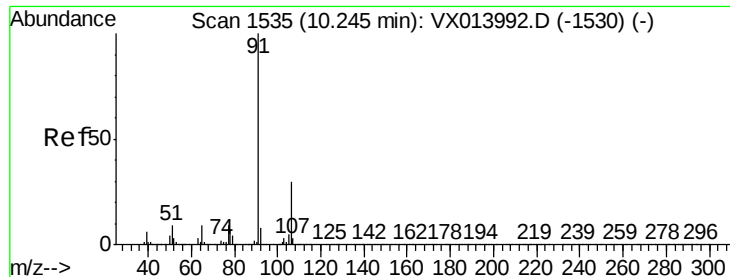
114 32.8 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#66

Ethyl Benzene

Concen: 5.676 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :

MSVOA_X

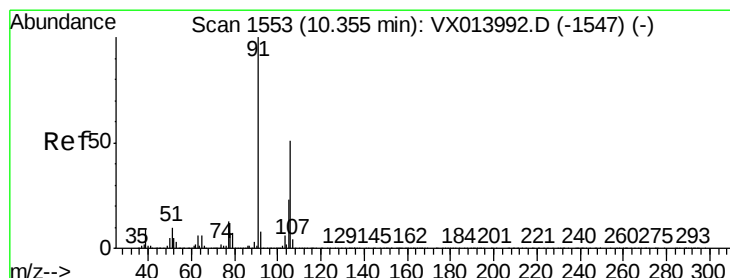
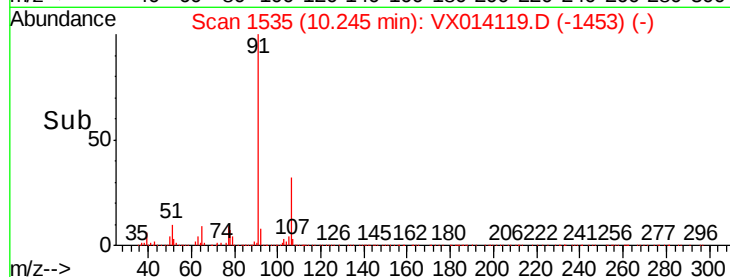
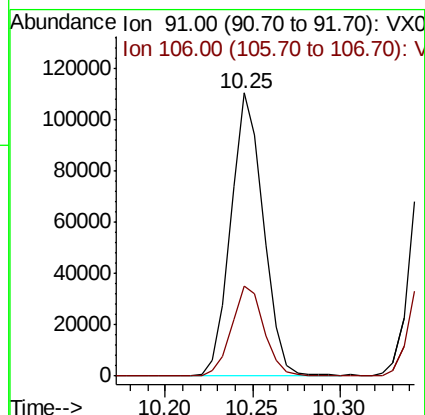
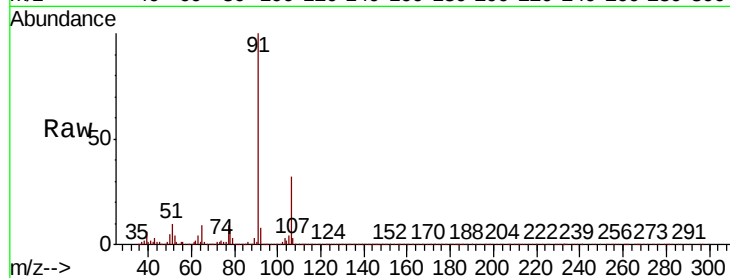
ClientSampleId :

Tot Ion: 91 Resp: 141991

Ion Ratio Lower Upper

91 100

106 31.8 24.2 36.2



#67

m/p-Xylenes

Concen: 9.189 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014119.D

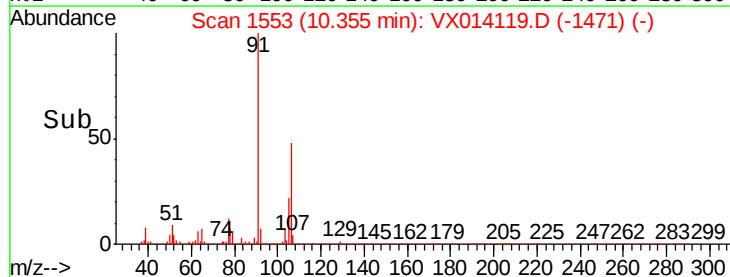
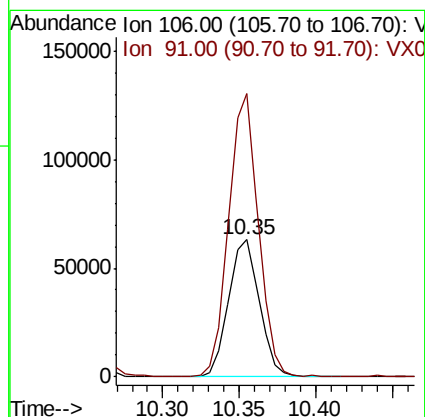
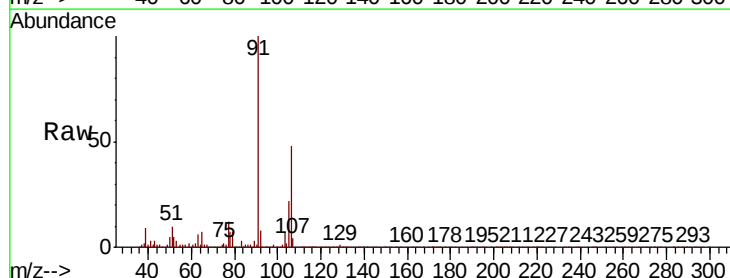
Acq: 19 Dec 2019 14:28

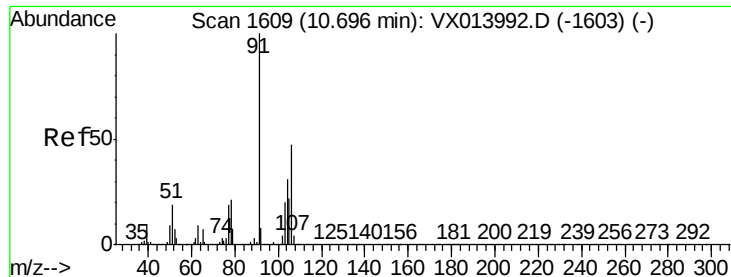
Tgt Ion: 106 Resp: 87872

Ion Ratio Lower Upper

106 100

91 198.3 159.3 238.9

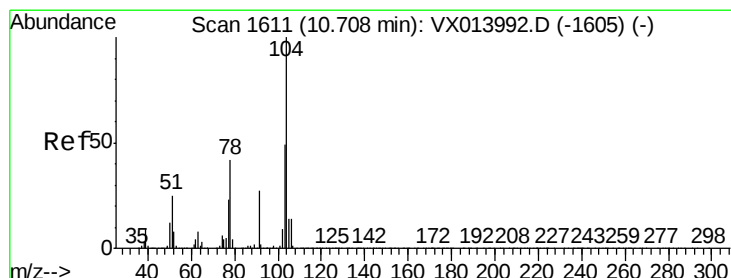
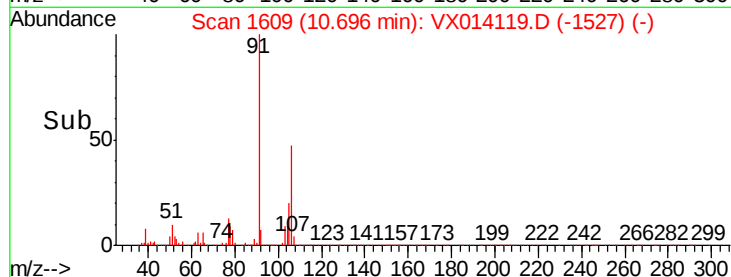
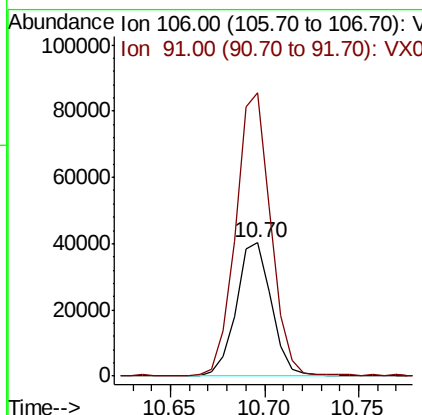
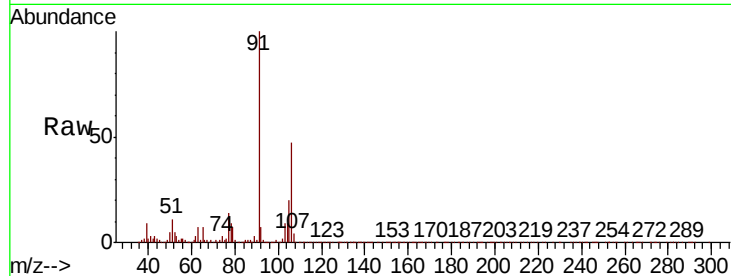




#68
o-Xylene
Concen: 5.466 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

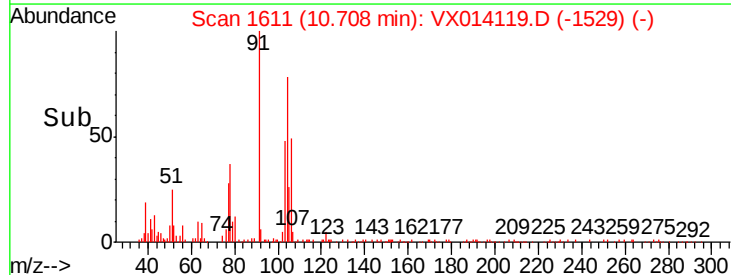
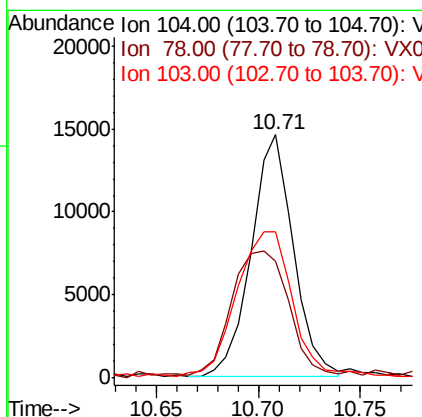
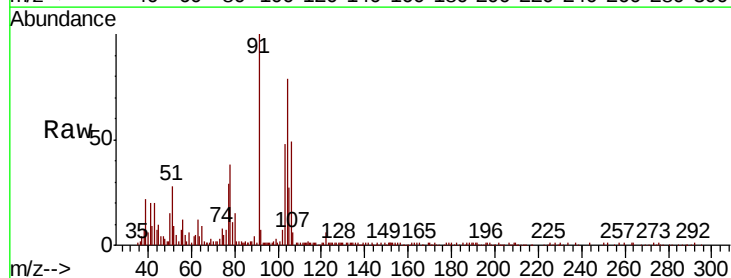
Instrument :
MSVOA_X
ClientSampleId :

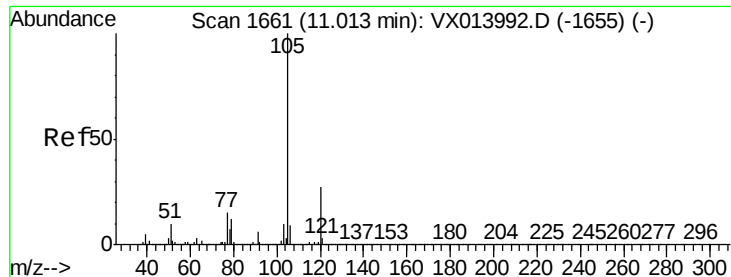
Tot Ion:106 Resp: 51786
Ion Ratio Lower Upper
106 100
91 207.7 104.8 314.6



#69
Styrene
Concen: 1.302 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Tgt Ion:104 Resp: 20981
Ion Ratio Lower Upper
104 100
78 68.1 38.9 58.3#
103 77.2 44.2 66.2#





#70

Isopropylbenzene

Concen: 0.823 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :

MSVOA_X

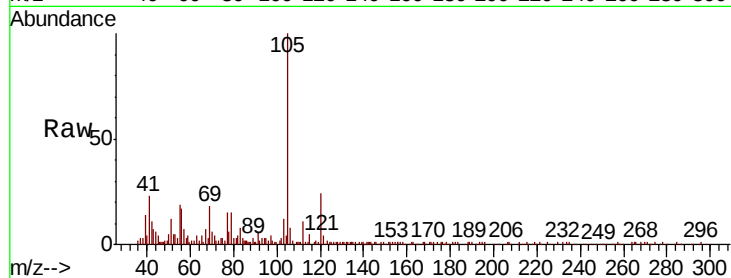
ClientSampleId :

Tot Ion:105 Resp: 20146

Ion Ratio Lower Upper

105 100

120 26.3 19.1 35.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

15000

10000

5000

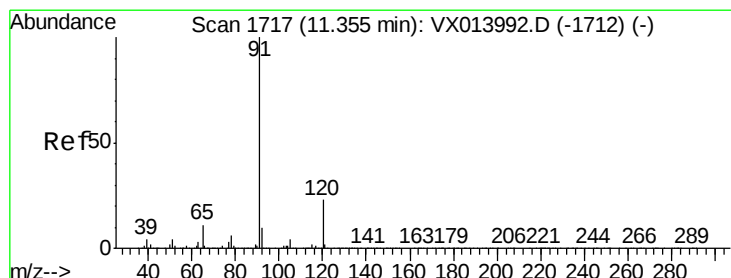
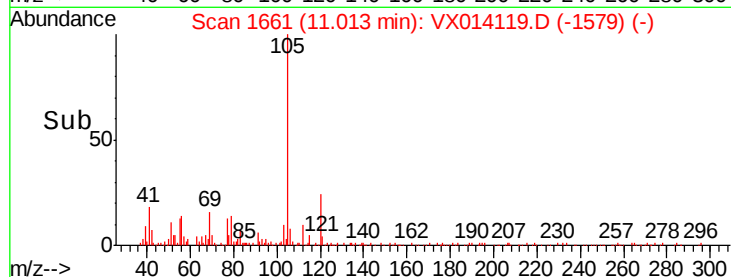
0

Time-->

10.95

11.00

11.05



#74

n-propylbenzene

Concen: 0.288 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014119.D

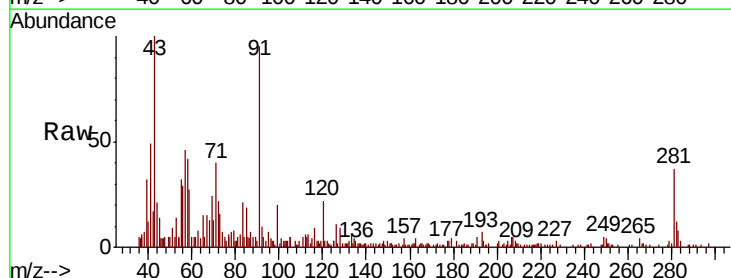
Acq: 19 Dec 2019 14:28

Tgt Ion: 91 Resp: 8003

Ion Ratio Lower Upper

91 100

120 25.0 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

6000

4000

2000

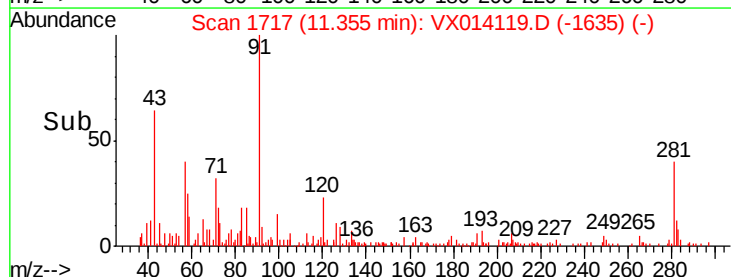
0

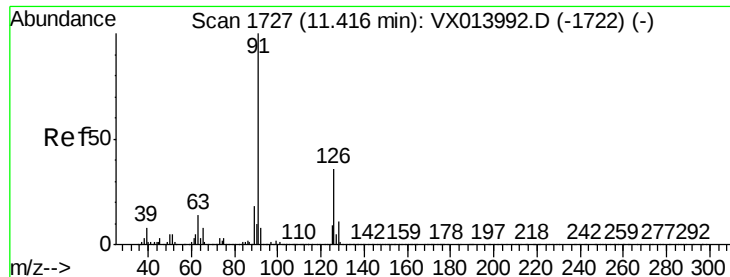
Time-->

11.30

11.35

11.40





#75

2-Chlorotoluene

Concen: 0.532 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :

MSVOA_X

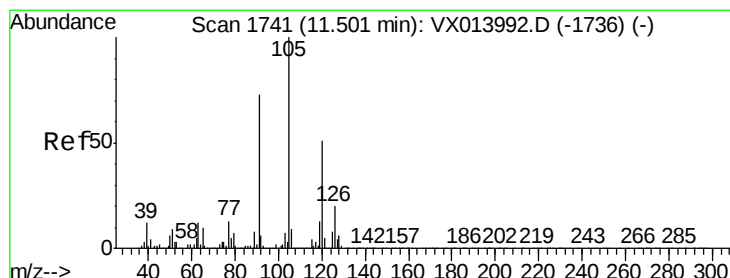
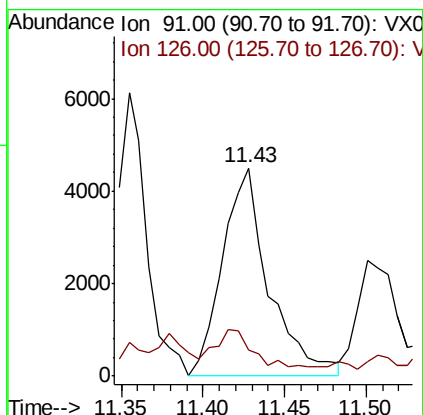
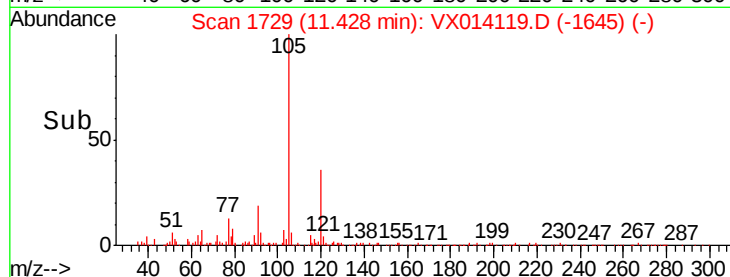
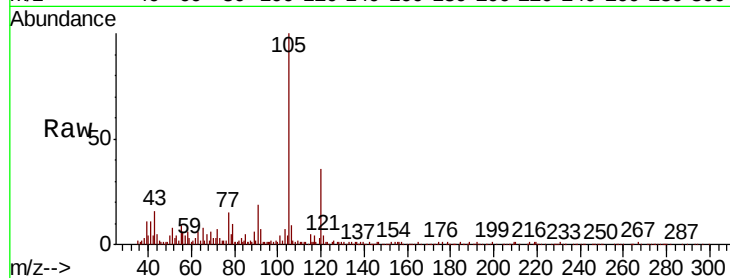
ClientSampleId :

Tot Ion: 91 Resp: 8928

Ion Ratio Lower Upper

91 100

126 15.6 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 0.870 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014119.D

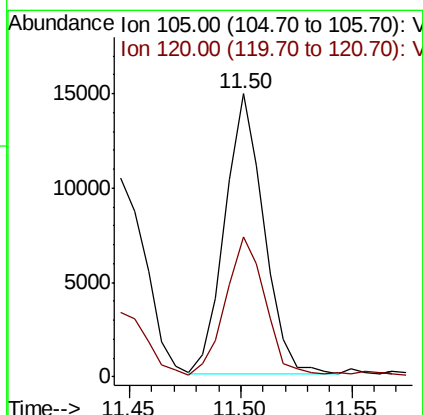
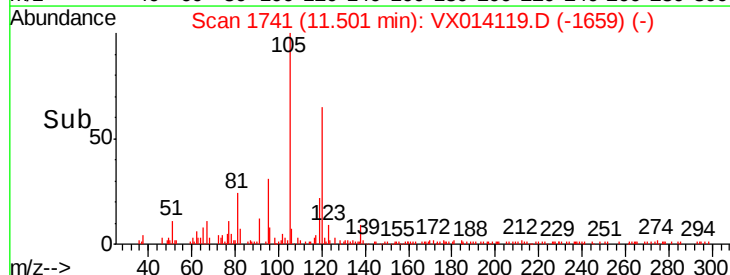
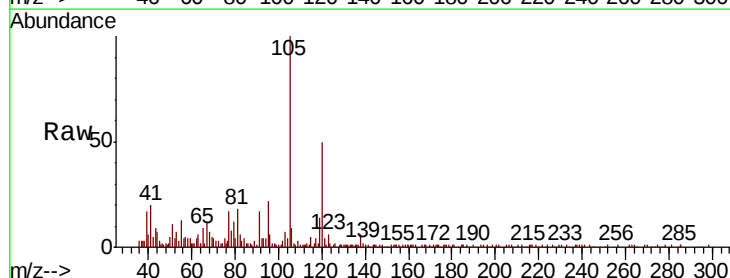
Acq: 19 Dec 2019 14:28

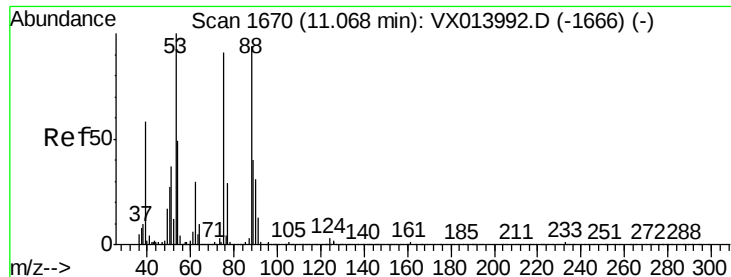
Tgt Ion: 105 Resp: 18070

Ion Ratio Lower Upper

105 100

120 49.9 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 0.583 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

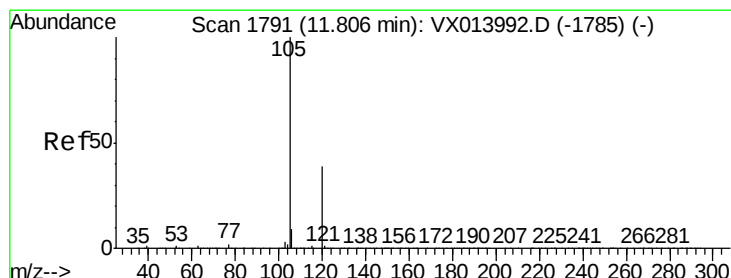
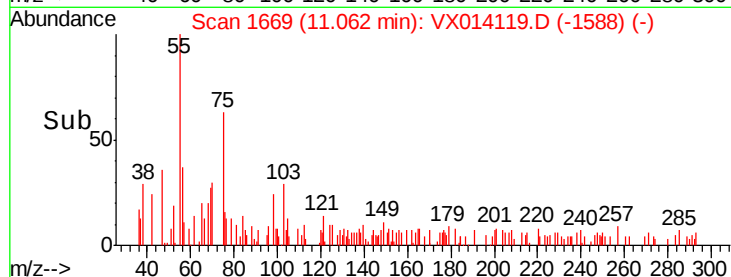
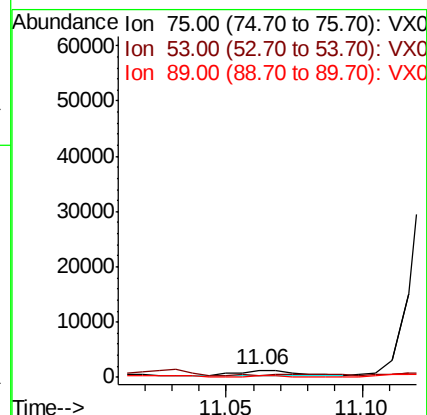
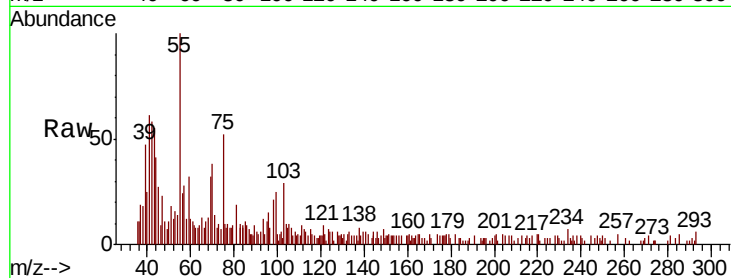
Tot Ion: 75 Resp: 1488

Ion Ratio Lower Upper

75 100

53 0.0 54.4 163.1#

89 26.0 21.9 65.5



#80

1,2,4-Trimethylbenzene

Concen: 2.838 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014119.D

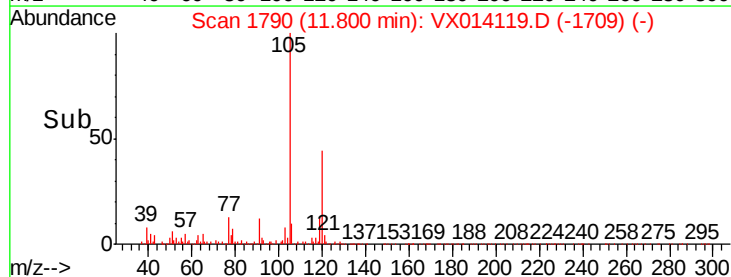
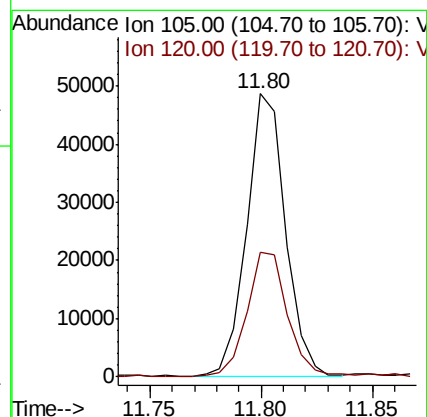
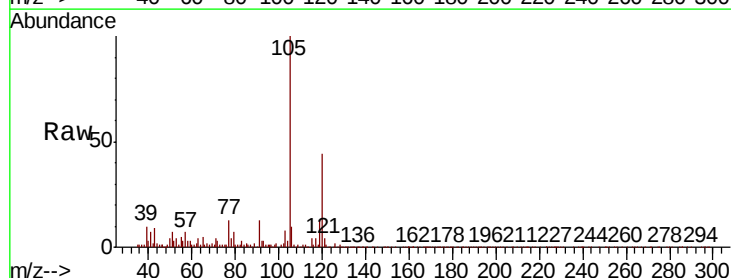
Acq: 19 Dec 2019 14:28

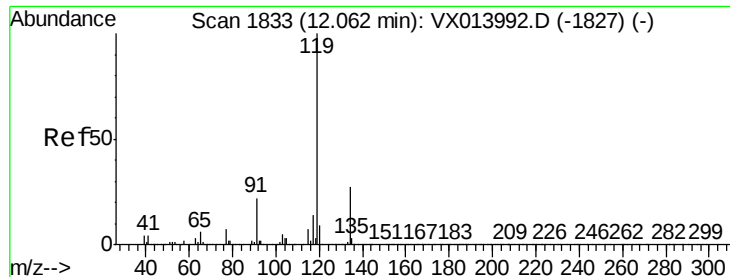
Tgt Ion: 105 Resp: 58935

Ion Ratio Lower Upper

105 100

120 47.2 0.0 92.0

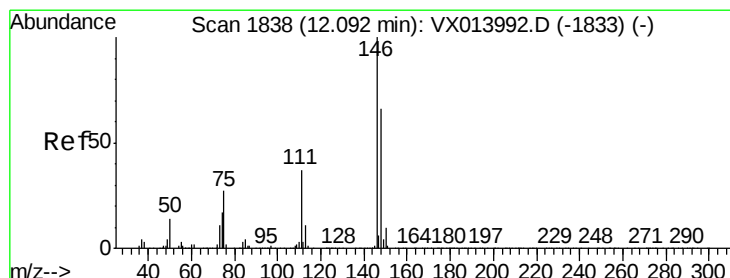
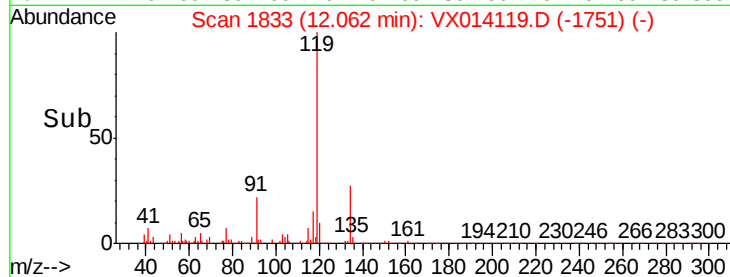
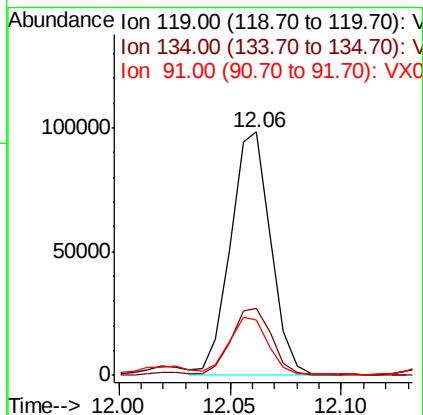
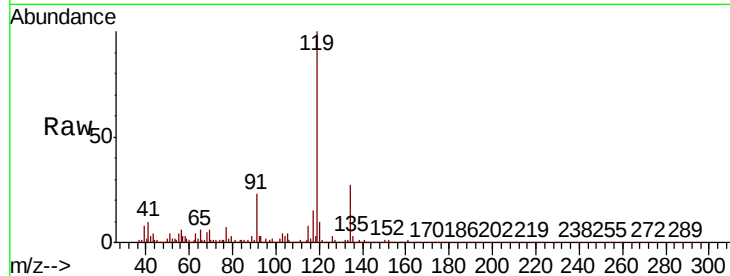




#82
 p-Isopropyltoluene
 Concen: 5.727 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014119.D
 Acq: 19 Dec 2019 14:28

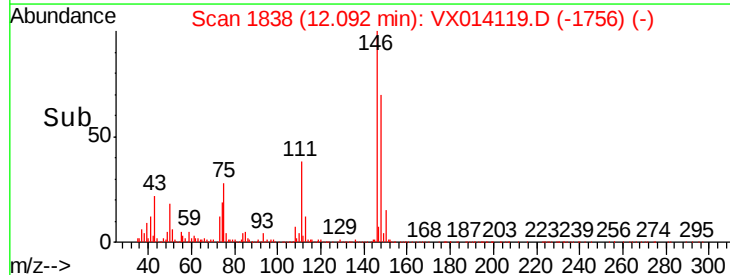
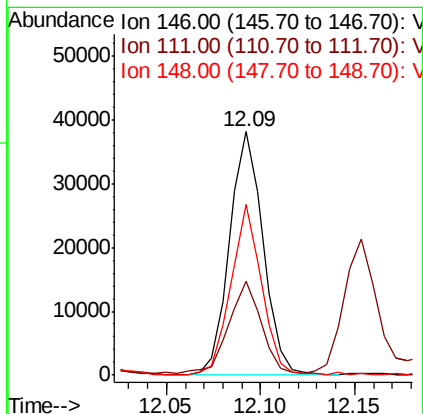
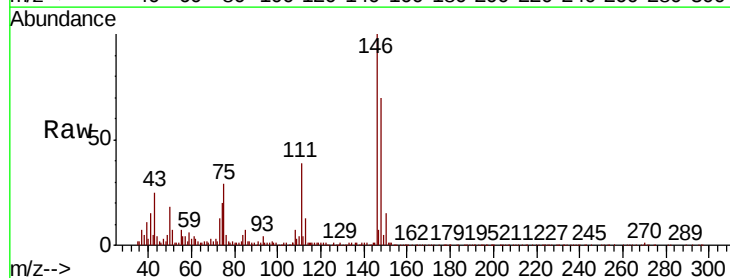
Instrument :
 MSVOA_X
 ClientSampled :

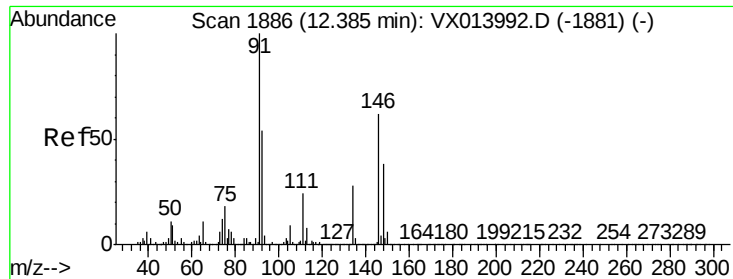
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	0.0	53.8
91	23.2	0.0	45.0



#84
 1,4-Dichlorobenzene
 Concen: 4.132 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014119.D
 Acq: 19 Dec 2019 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.4	55.4
148	63.7	32.0	96.0

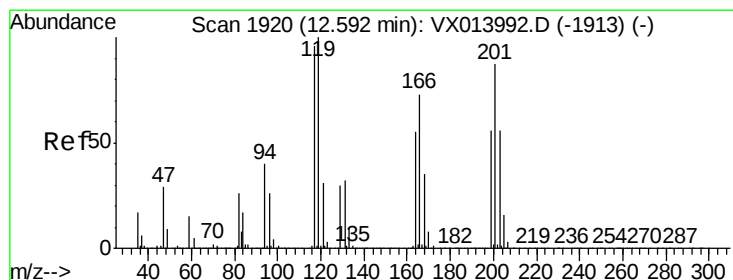
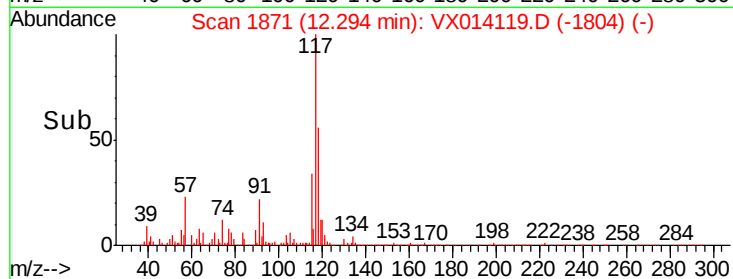
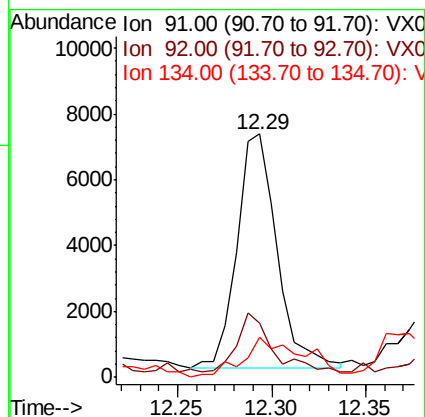
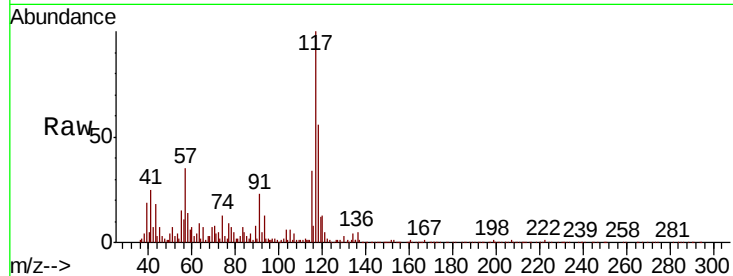




#85
n-Butylbenzene
Concen: 0.582 ug/l
RT: 12.29 min Scan# 1871
Delta R.T. -0.09 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

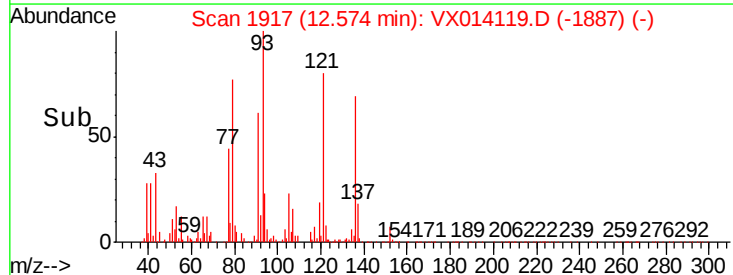
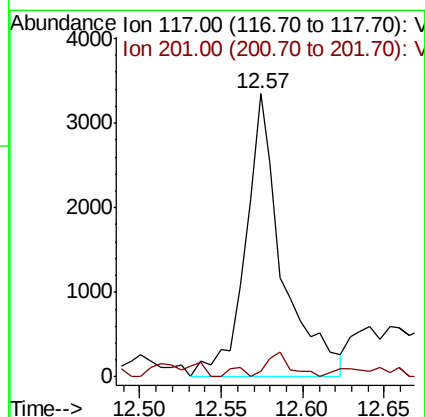
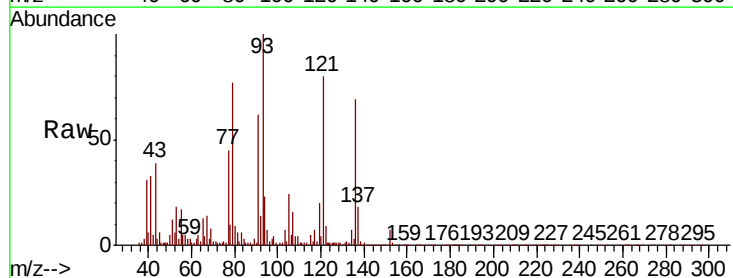
Instrument :
MSVOA_X
ClientSampleId :

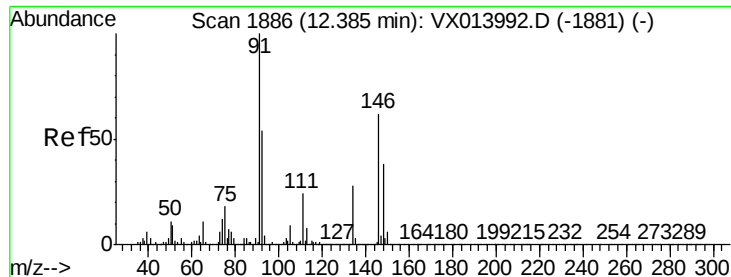
Tot Ion: 91 Resp: 10516
Ion Ratio Lower Upper
91 100
92 18.3 0.0 109.0
134 13.7 0.0 54.0



#86
Hexachloroethane
Concen: 1.345 ug/l
RT: 12.57 min Scan# 1917
Delta R.T. -0.02 min
Lab File: VX014119.D
Acq: 19 Dec 2019 14:28

Tgt Ion: 117 Resp: 5243
Ion Ratio Lower Upper
117 100
201 5.0 44.8 134.3#





#87

1,2-Dichlorobenzene

Concen: 0.303 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014119.D

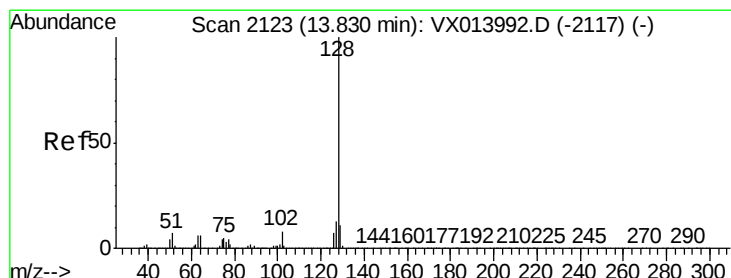
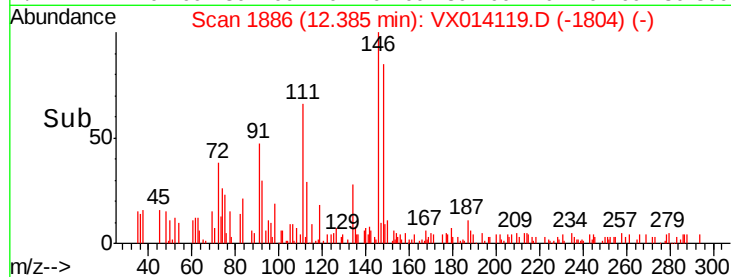
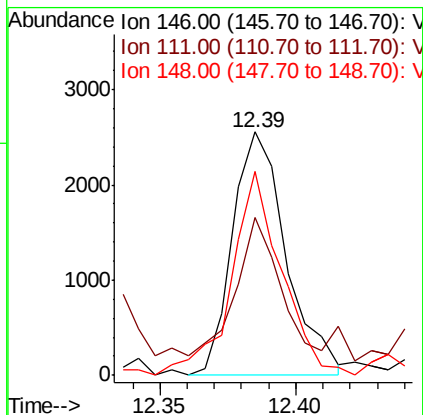
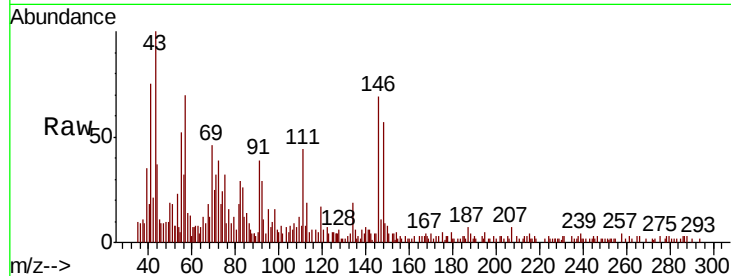
Acq: 19 Dec 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	3503
Ion	Ratio	Lower	Upper
146	100		
111	45.2	20.1	60.2
148	78.4	32.0	96.2



#91

Naphthalene

Concen: 18.534 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014119.D

Acq: 19 Dec 2019 14:28

Tgt Ion:	128	Resp:	411931
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.5	8.9	13.3

