

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
 Data File : VX014753.D
 Acq On : 28 Jan 2020 16:16
 Operator : JC/SP
 Sample : L1267-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:20:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	436839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	691033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	626928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	303635	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	258699	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	5.49	113	213706	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	818672	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	283620	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.17	85	97	0.548	ug/l	96
3) Chloromethane	1.32	50	3171	0.537	ug/l	97
6) Chloroethane	1.69	64	7236	0.612	ug/l #	56
11) Tert butyl alcohol	3.03	59	2237	1.953	ug/l #	80
13) Acrolein	2.29	56	1003	1.111	ug/l #	14
14) Allyl chloride	2.70	41	4041	0.518	ug/l #	53
15) Acrylonitrile	3.15	53	1665	0.628	ug/l #	17
16) Acetone	2.43	43	71498	25.708	ug/l	96
17) Carbon Disulfide	2.56	76	2453	0.207	ug/l #	89
19) Methyl tert-butyl Ether	3.19	73	25999	1.828	ug/l	97
20) Methylene Chloride	2.85	84	3019	0.584	ug/l #	85
22) Diisopropyl ether	3.84	45	20313	1.308	ug/l #	81
23) Vinyl Acetate	3.84	43	10579	0.894	ug/l #	76
25) 2-Butanone	4.67	43	27141	6.776	ug/l	94
29) Tetrahydrofuran	5.10	42	548	0.230	ug/l #	53
36) 1,1-Dichloropropene	5.65	75	30098	4.687	ug/l #	52
37) Ethyl Acetate	4.67	43	27750	3.773	ug/l #	72
38) Carbon Tetrachloride	5.65	117	38942	6.350	ug/l #	15
40) Benzene	6.14	78	377498	19.027	ug/l	99
42) 1,2-Dichloroethane	6.14	62	3959	0.578	ug/l	84
49) 1,4-Dioxane	7.72	88	150	1.230	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	3815	0.502	ug/l	94
52) Toluene	8.78	92	550188	45.114	ug/l	99
56) Ethyl methacrylate	9.19	69	554	1.848	ug/l #	63
59) 2-Hexanone	9.49	43	3557	0.603	ug/l	76
67) Ethyl Benzene	10.25	91	96950	4.234	ug/l	100
68) m/p-Xylenes	10.35	106	170772	19.687	ug/l	99
69) o-Xylene	10.70	106	145578	17.384	ug/l	100
70) Styrene	10.70	104	9240	0.658	ug/l #	1
73) Isopropylbenzene	11.01	105	9186	0.430	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	142401	20.158	ug/l #	40
78) n-propylbenzene	11.35	91	23264	0.960	ug/l	100
79) 2-Chlorotoluene	11.43	91	20271	1.382	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.50	105	68331	3.856	ug/l	98

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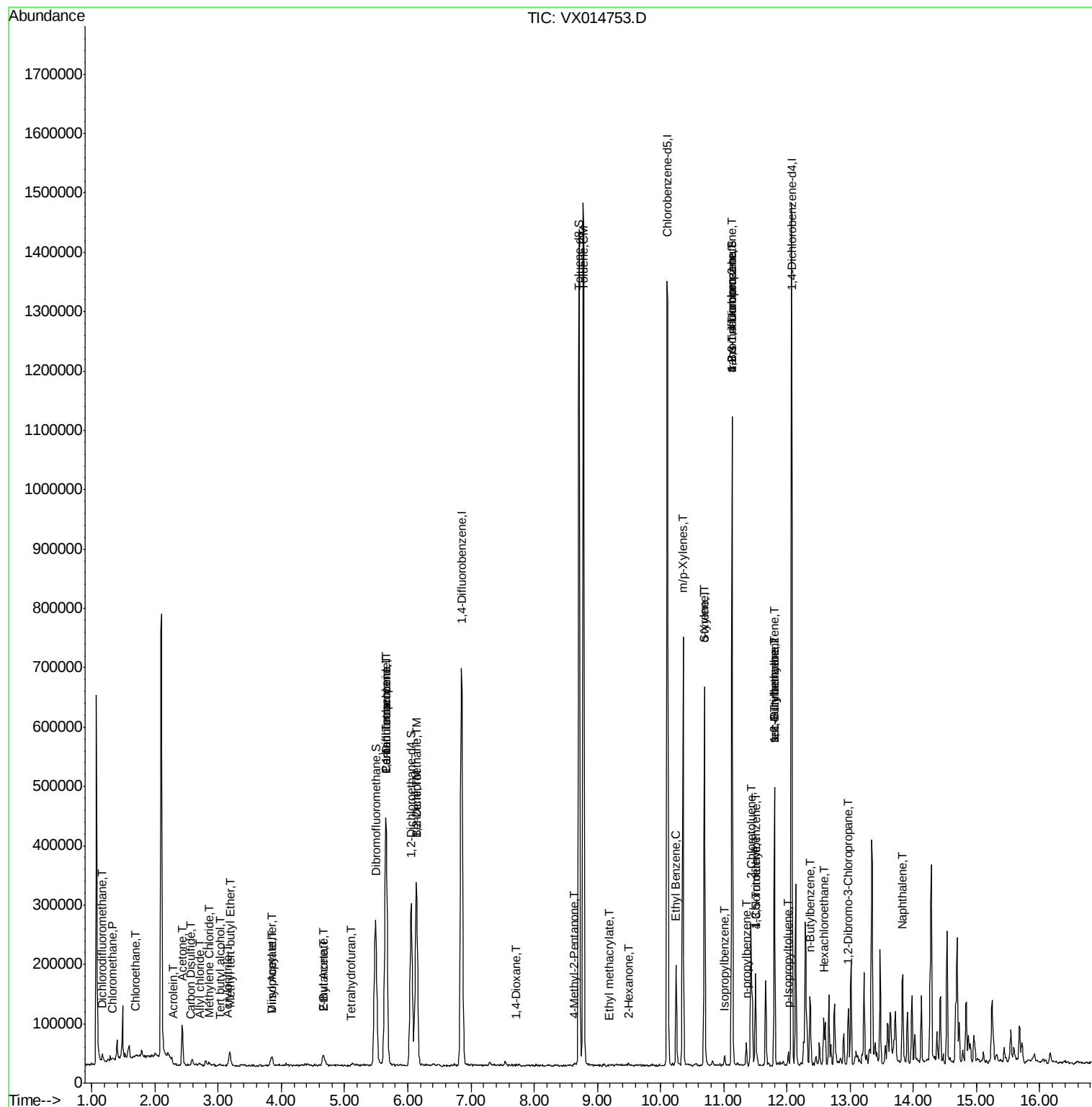
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	142401	57.366	ug/l #	10
82) 4-Chlorotoluene	11.50	91	7001	0.419	ug/l #	54
83) tert-Butylbenzene	11.80	119	25787	1.549	ug/l #	68
84) 1,2,4-Trimethylbenzene	11.80	105	203511	11.450	ug/l	100
85) sec-Butylbenzene	11.80	105	203511	9.977	ug/l #	56
86) p-Isopropyltoluene	12.02	119	9801	0.520	ug/l	96
89) n-Butylbenzene	12.37	91	13828	0.842	ug/l #	11
90) Hexachloroethane	12.58	117	3155	0.901	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.97	75	335	0.205	ug/l	56
95) Naphthalene	13.83	128	98374	5.467	ug/l	99

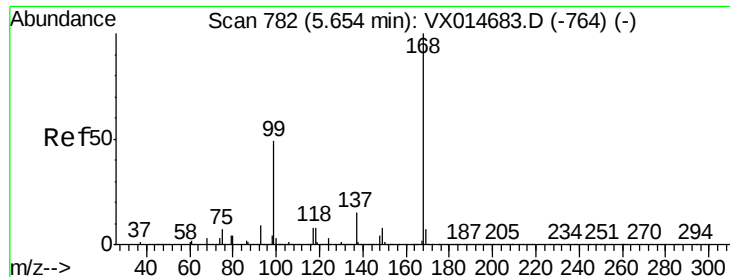
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

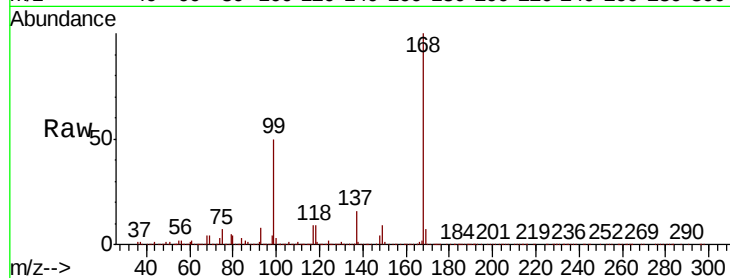
ClientSampleId :

Tot Ion:168 Resp: 436839

Ion Ratio Lower Upper

168 100

99 50.4 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

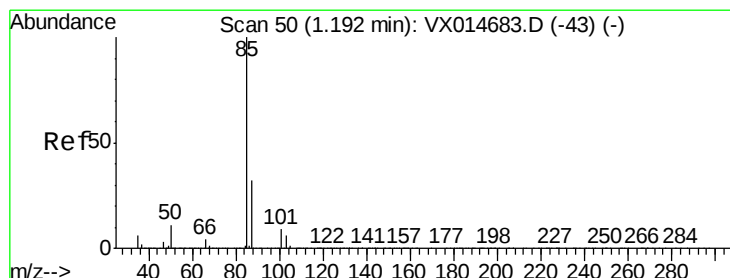
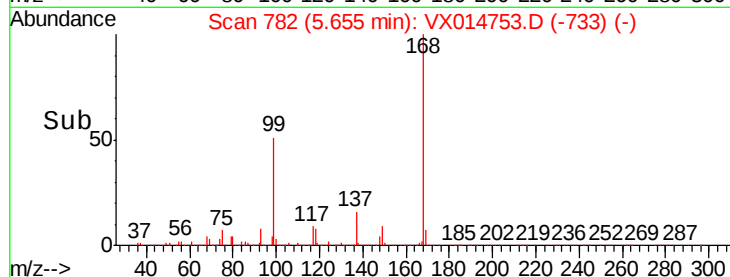
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.548 ug/l

RT: 1.17 min Scan# 47

Delta R.T. -0.02 min

Lab File: VX014753.D

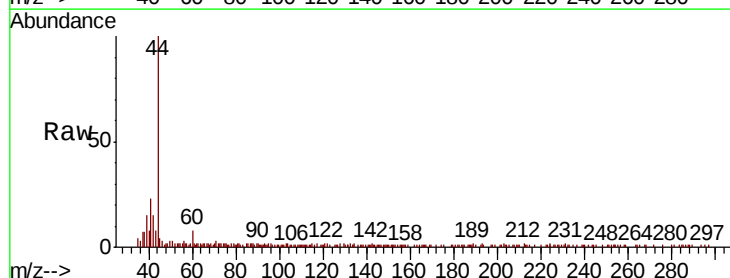
Acq: 28 Jan 2020 16:16

Tgt Ion: 85 Resp: 97

Ion Ratio Lower Upper

85 100

87 34.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.17

400

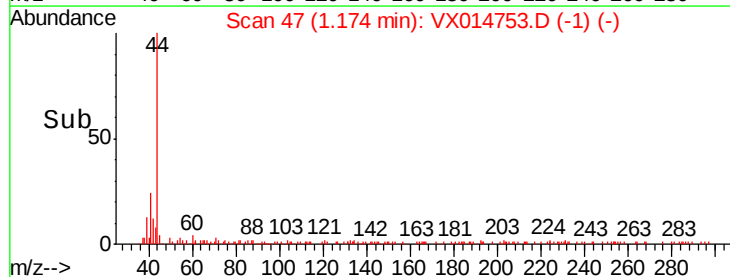
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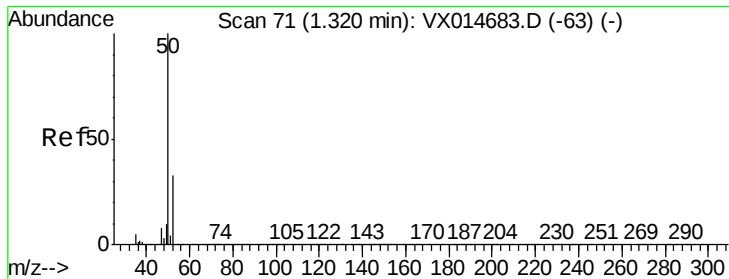
200

100

0

Time-->





#3

Chloromethane

Concen: 0.537 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

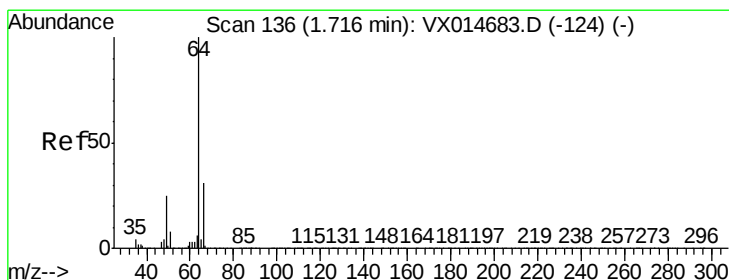
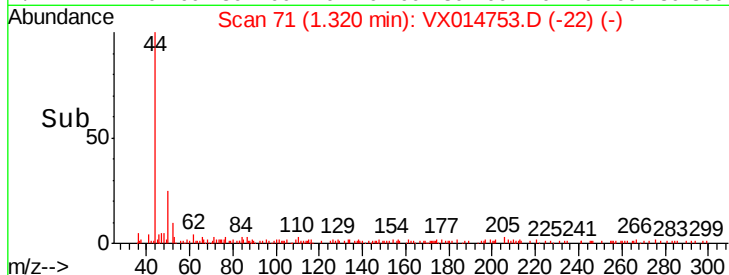
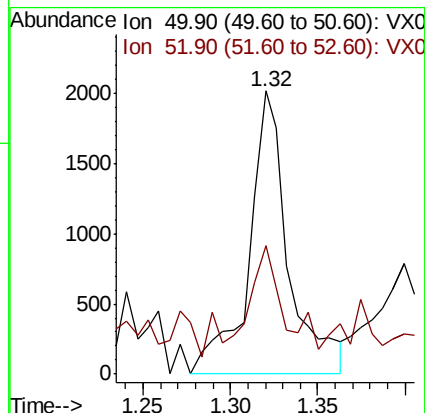
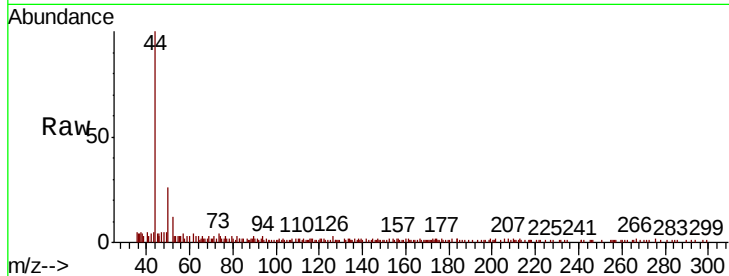
ClientSampleId :

Tot Ion: 50 Resp: 3171

Ion Ratio Lower Upper

50 100

52 31.0 26.2 39.2



#6

Chloroethane

Concen: 0.612 ug/l

RT: 1.69 min Scan# 132

Delta R.T. -0.02 min

Lab File: VX014753.D

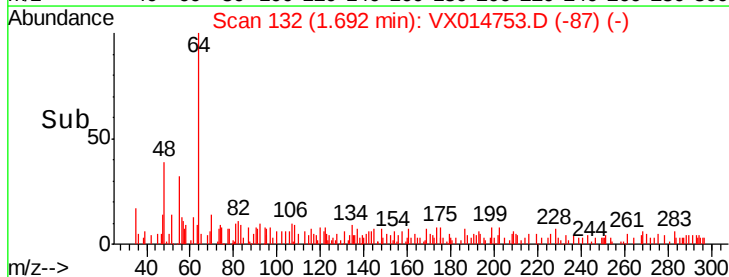
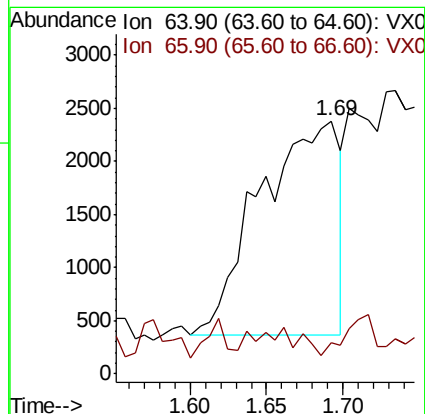
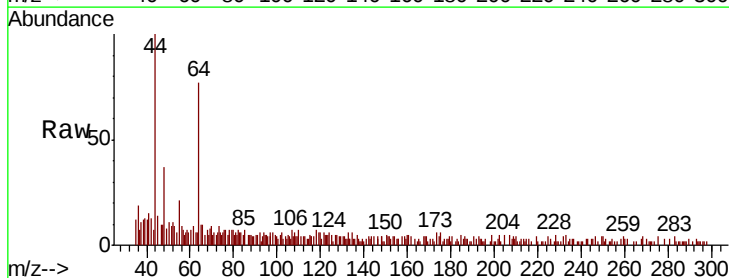
Acq: 28 Jan 2020 16:16

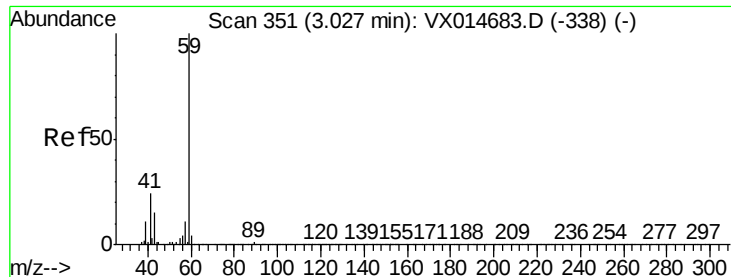
Tgt Ion: 64 Resp: 7236

Ion Ratio Lower Upper

64 100

66 7.3 25.2 37.8#



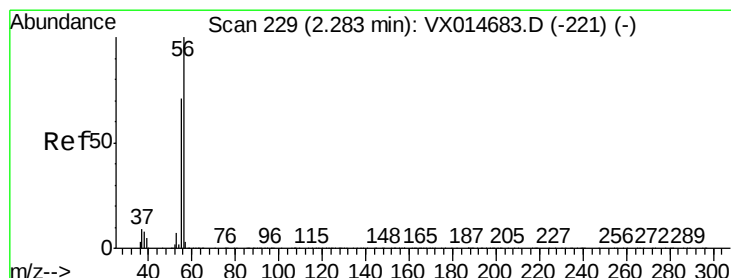
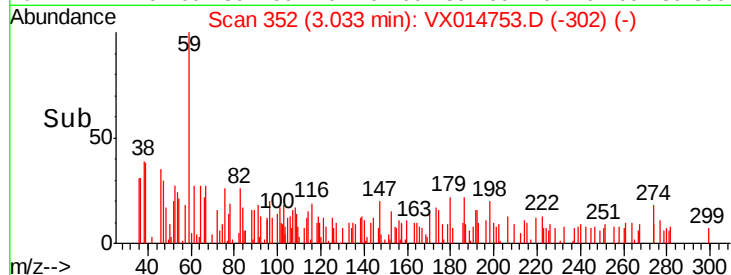
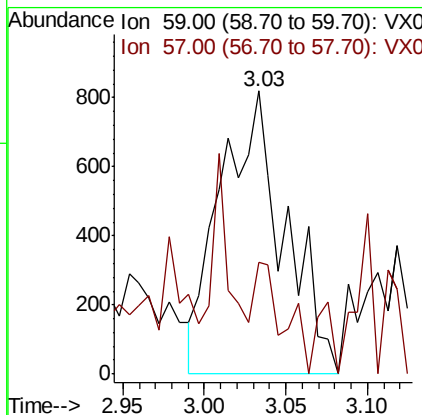
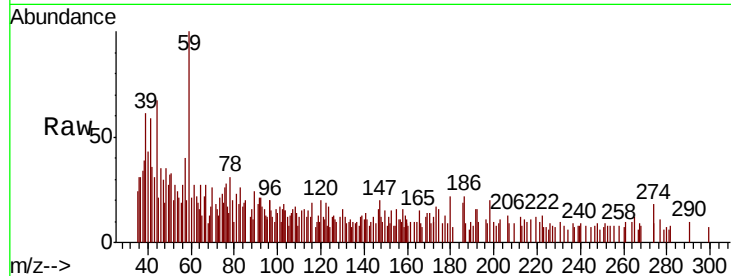


#11

Tert butyl alcohol
 Concen: 1.953 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX014753.D
 Acq: 28 Jan 2020 16:16

Instrument :
 MSVOA_X
 ClientSampled :

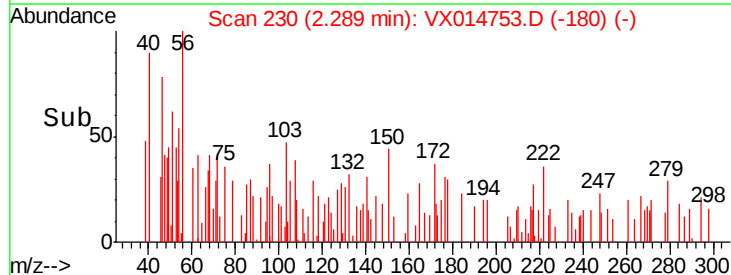
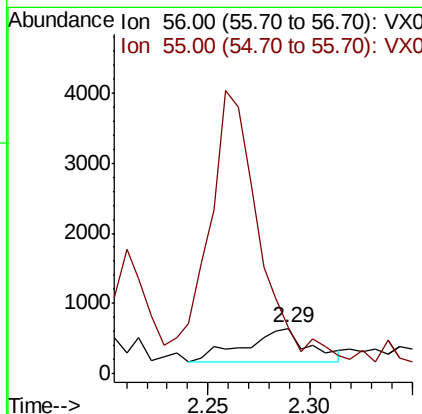
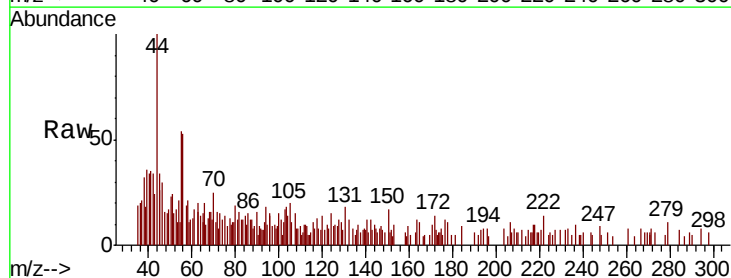
Tot Ion: 59 Resp: 2237
 Ion Ratio Lower Upper
 59 100
 57 17.8 8.3 12.5#

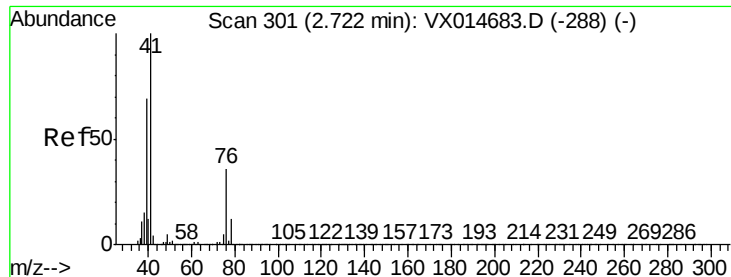


#13

Acrolein
 Concen: 1.111 ug/l
 RT: 2.29 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VX014753.D
 Acq: 28 Jan 2020 16:16

Tgt Ion: 56 Resp: 1003
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.6 84.8#





#14

Allvl chloride

Concen: 0.518 ug/l

RT: 2.70 min Scan# 297

Delta R.T. -0.02 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

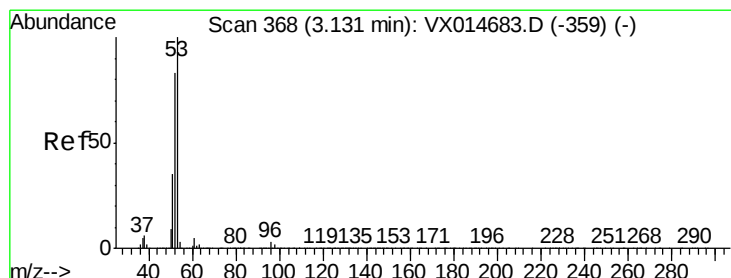
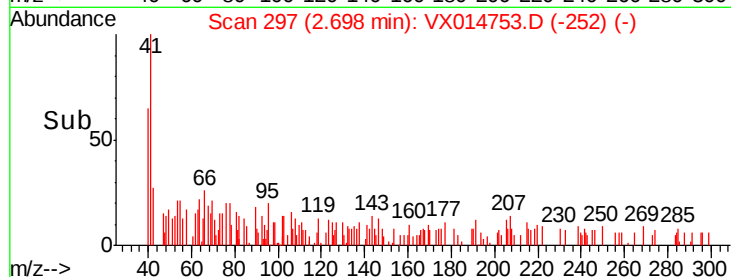
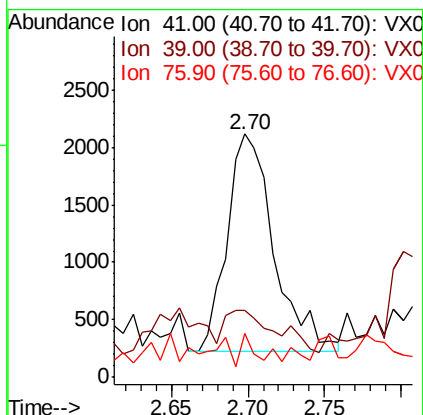
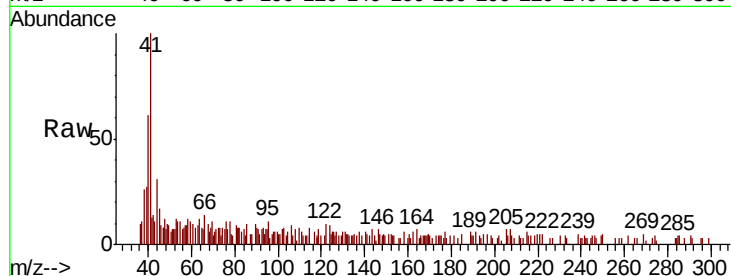
Tot Ion: 41 Resp: 4041

Ion Ratio Lower Upper

41 100

39 32.1 52.0 78.0#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 0.628 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.02 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

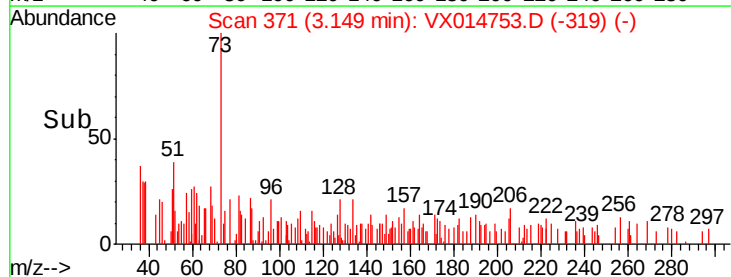
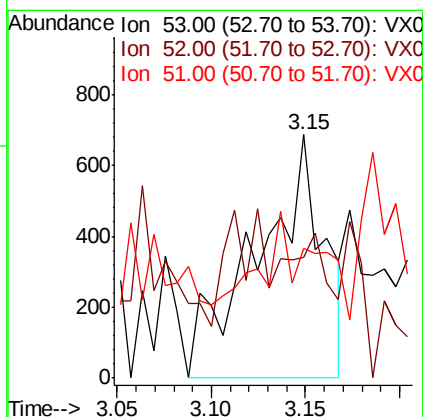
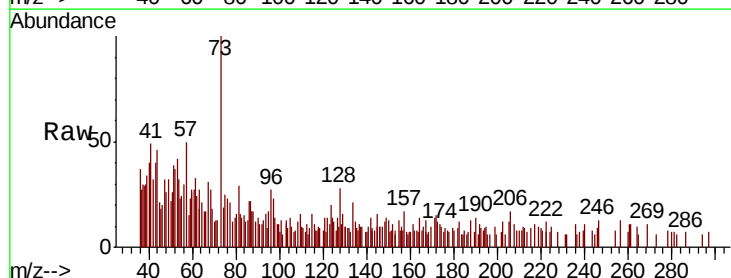
Tgt Ion: 53 Resp: 1665

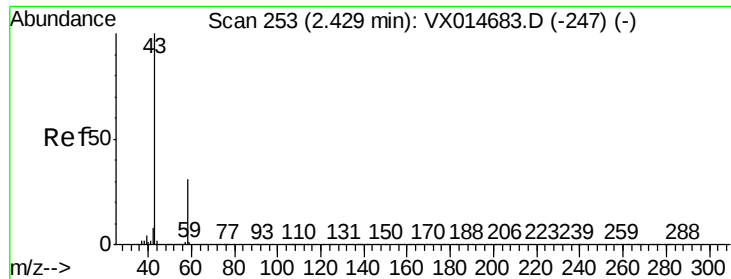
Ion Ratio Lower Upper

53 100

52 0.0 66.4 99.6#

51 0.0 28.7 43.1#

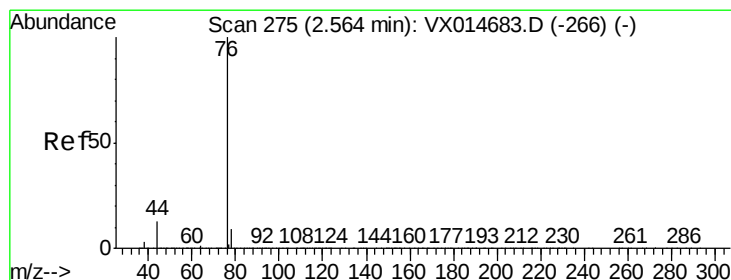
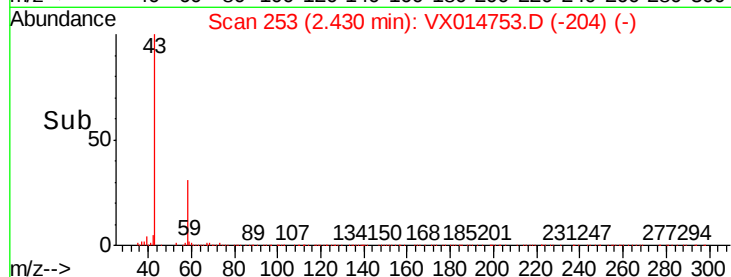
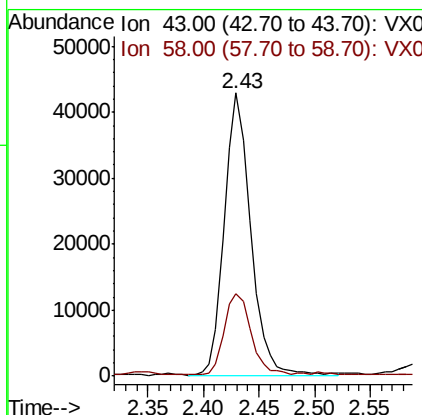
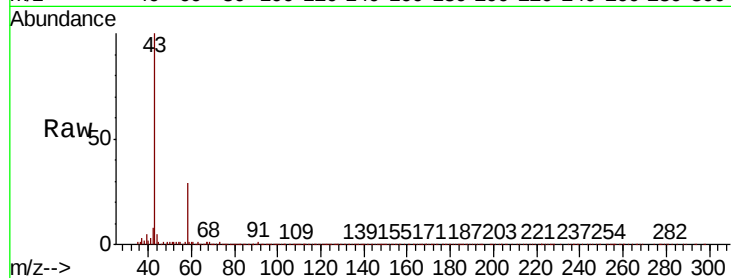




#16
Acetone
Concen: 25.708 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

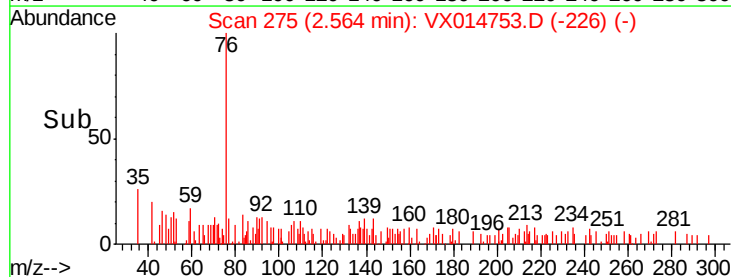
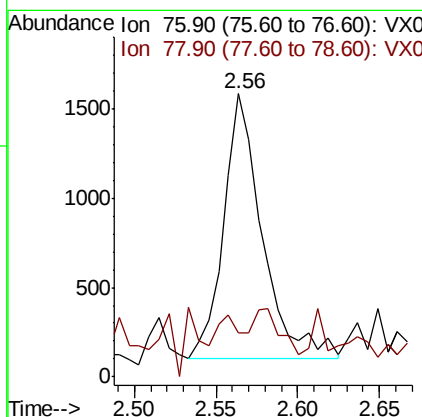
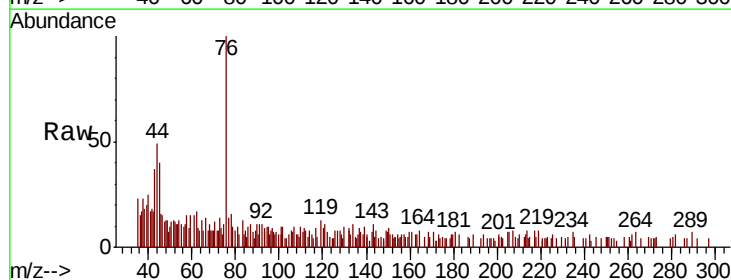
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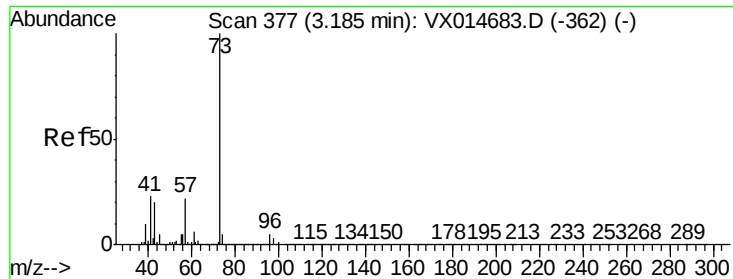
Tot Ion: 43 Resp: 71498
Ion Ratio Lower Upper
43 100
58 28.5 24.5 36.7



#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

Tgt Ion: 76 Resp: 2453
Ion Ratio Lower Upper
76 100
78 5.2 7.2 10.8#



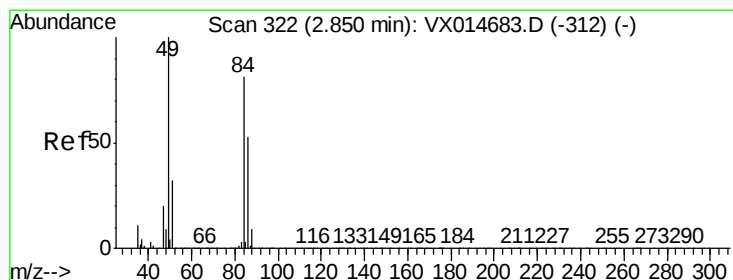
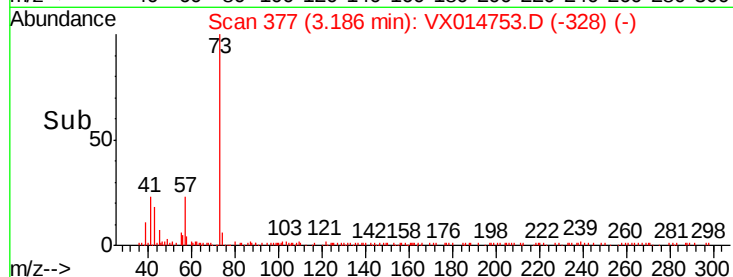
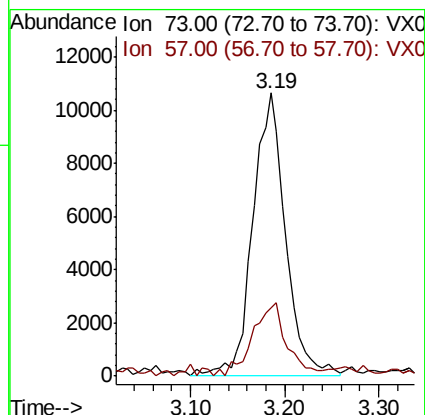
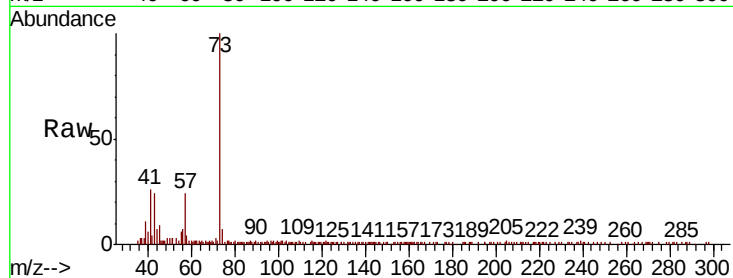


#19

Methyl tert-butyl Ether
 Concen: 1.828 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014753.D
 Acq: 28 Jan 2020 16:16

Instrument :
 MSVOA_X
 ClientSampleId :

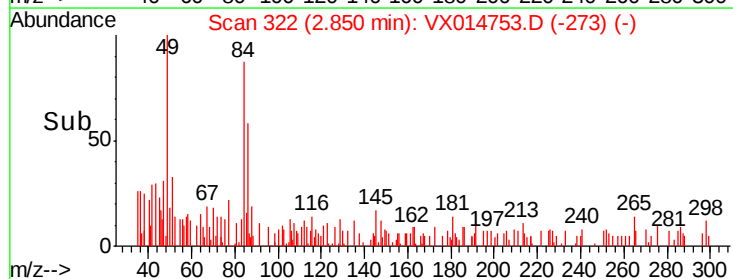
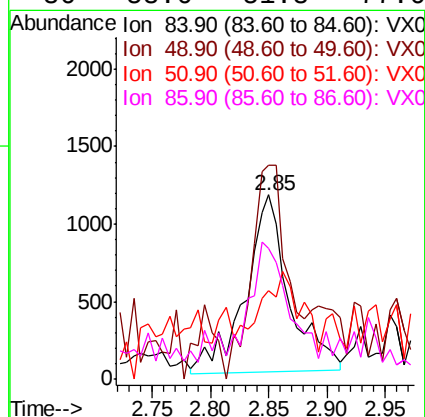
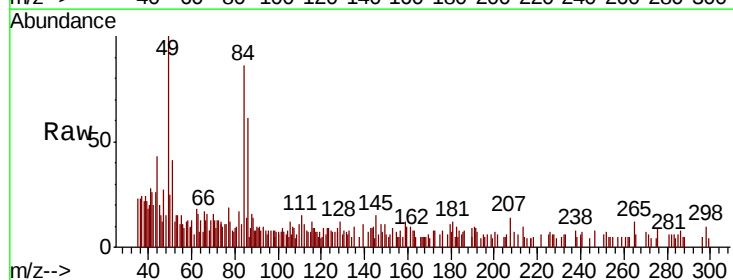
Tot Ion: 73 Resp: 25999
 Ion Ratio Lower Upper
 73 100
 57 20.9 18.0 27.0

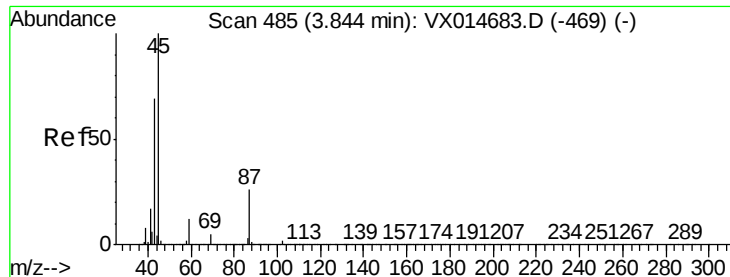


#20

Methylene Chloride
 Concen: 0.584 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014753.D
 Acq: 28 Jan 2020 16:16

Tgt Ion: 84 Resp: 3019
 Ion Ratio Lower Upper
 84 100
 49 101.9 98.2 147.4
 51 28.1 31.3 46.9#
 86 58.6 51.8 77.6





#22

Diisopropyl ether

Concen: 1.308 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014753.D

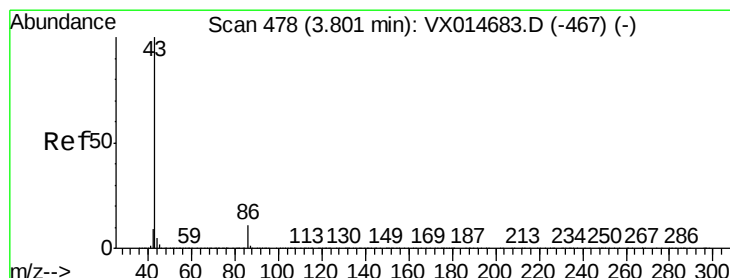
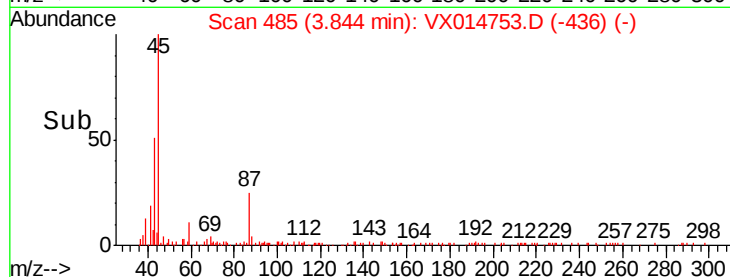
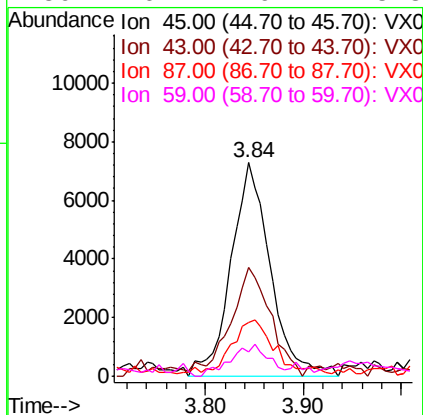
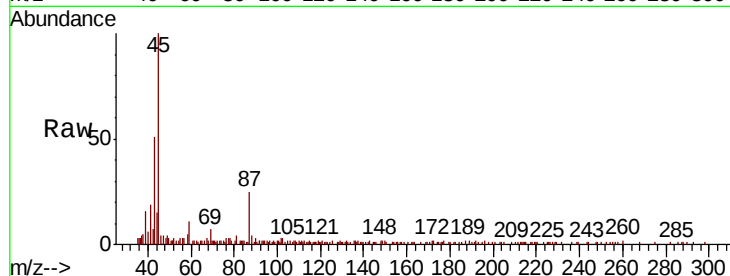
Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	45	Resp:	20313
Ion	Ratio	Lower	Upper
45	100		
43	48.1	55.1	82.7#
87	23.0	20.7	31.1
59	6.7	9.2	13.8#



#23

Vinyl Acetate

Concen: 0.894 ug/l

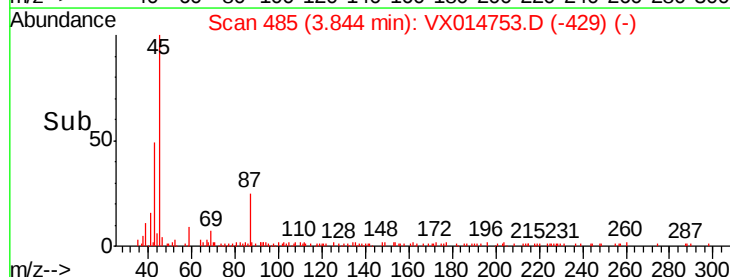
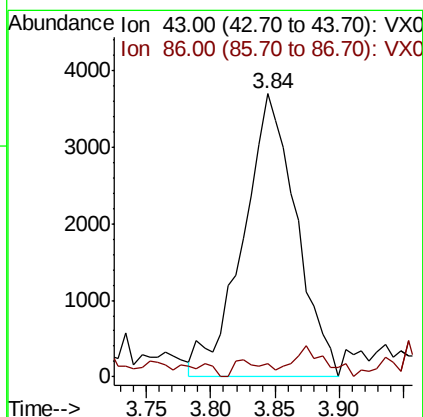
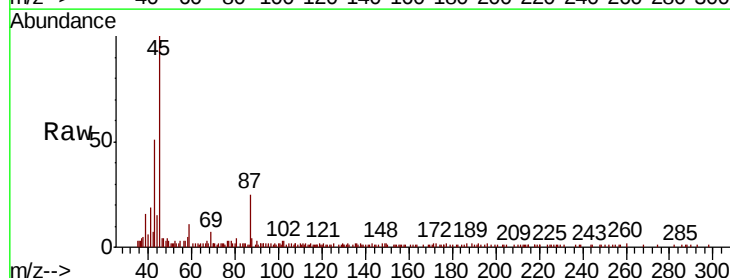
RT: 3.84 min Scan# 485

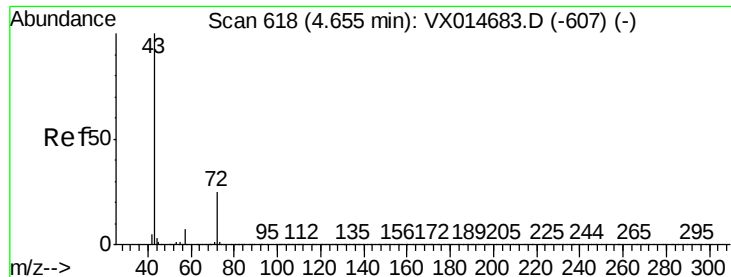
Delta R.T. 0.04 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Tgt Ion:	43	Resp:	10579
Ion	Ratio	Lower	Upper
43	100		
86	1.4	8.4	12.6#





#25

2-Butanone

Concen: 6.776 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

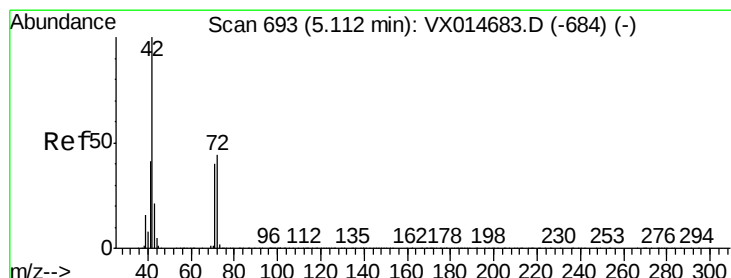
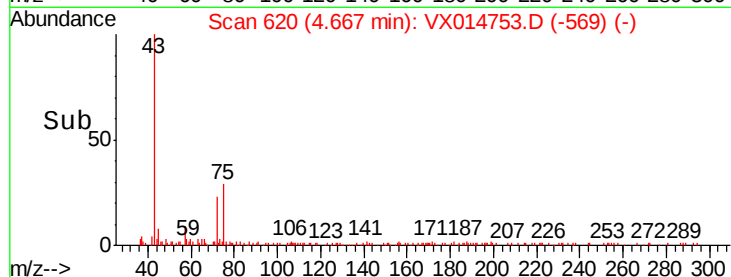
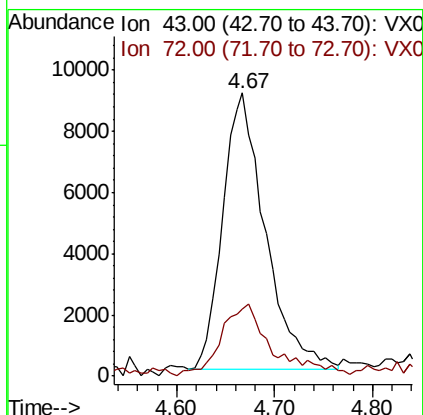
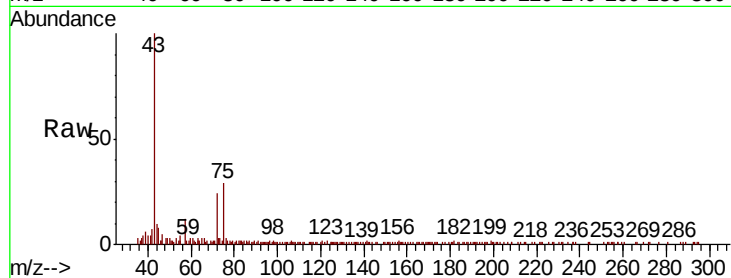
ClientSampled :

Tot Ion: 43 Resp: 27141

Ion Ratio Lower Upper

43 100

72 22.1 19.9 29.9



#29

Tetrahydrofuran

Concen: 0.230 ug/l

RT: 5.10 min Scan# 691

Delta R.T. -0.01 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

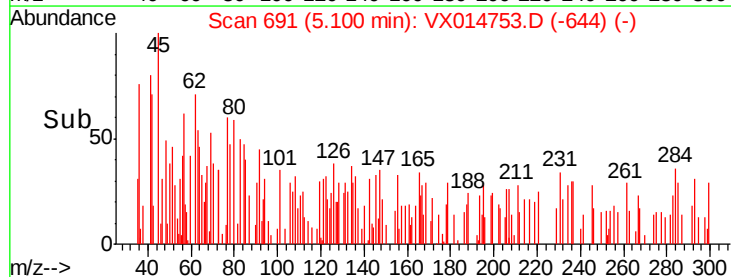
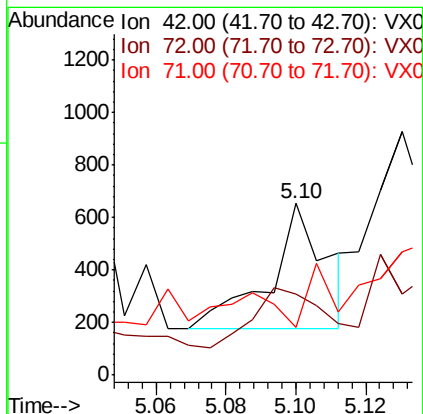
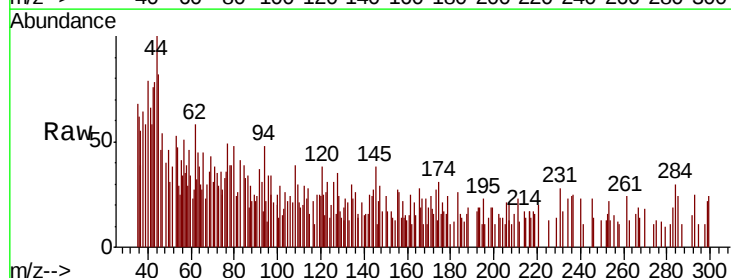
Tgt Ion: 42 Resp: 548

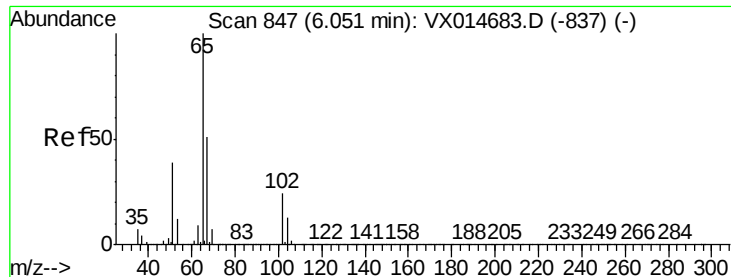
Ion Ratio Lower Upper

42 100

72 82.1 35.3 52.9#

71 20.3 33.1 49.7#





#33

1,2-Dichloroethane-d4

Concen: 50.713 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

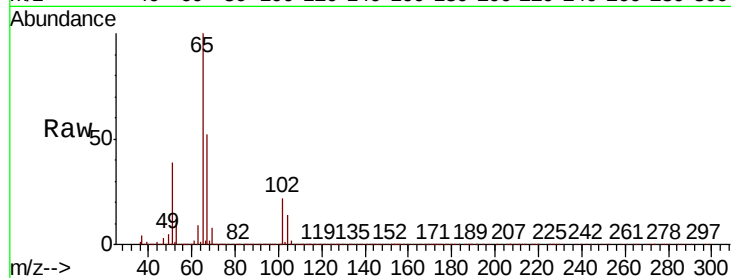
ClientSampleId :

Tot Ion: 65 Resp: 258699

Ion Ratio Lower Upper

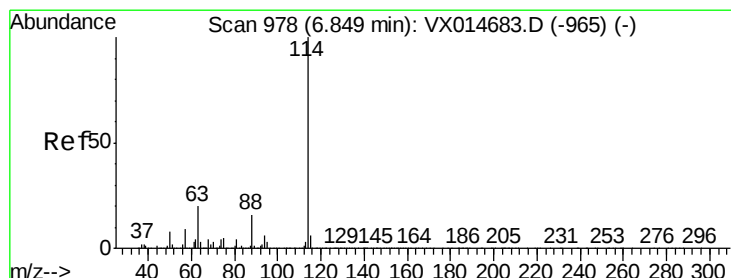
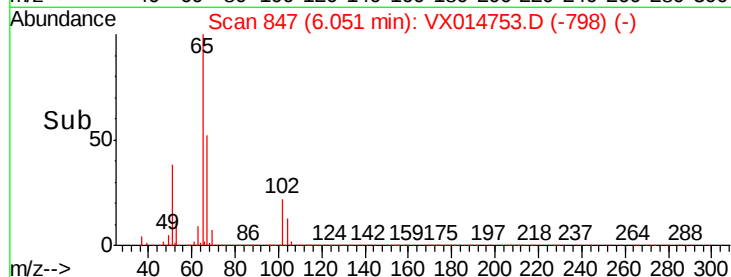
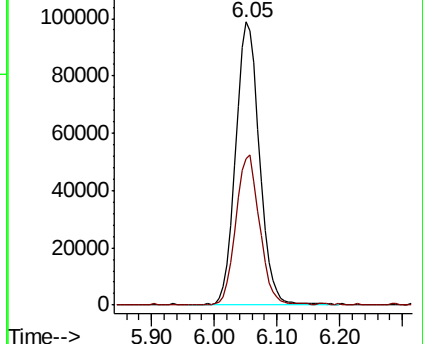
65 100

67 52.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

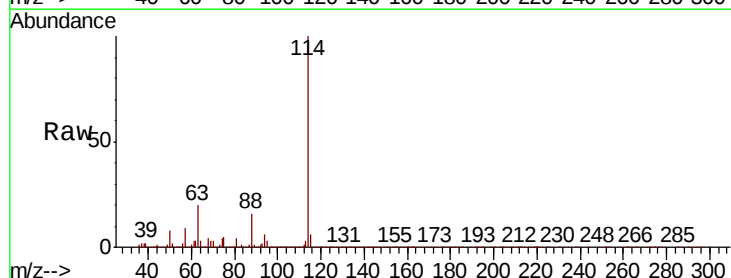
Tgt Ion: 114 Resp: 691033

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

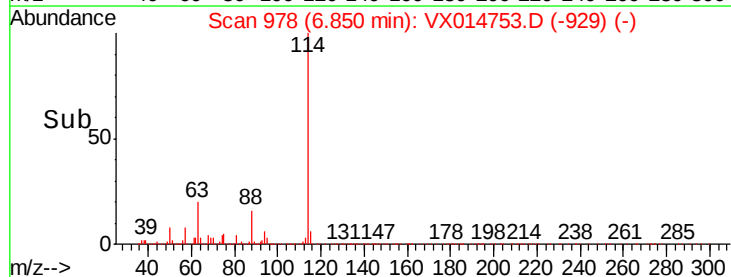
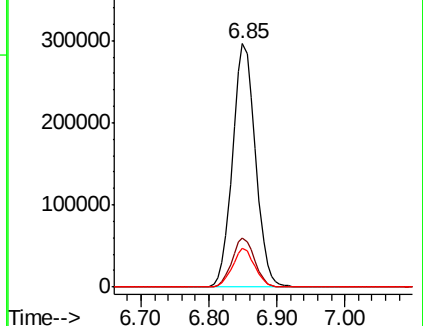
88 15.7 0.0 31.2

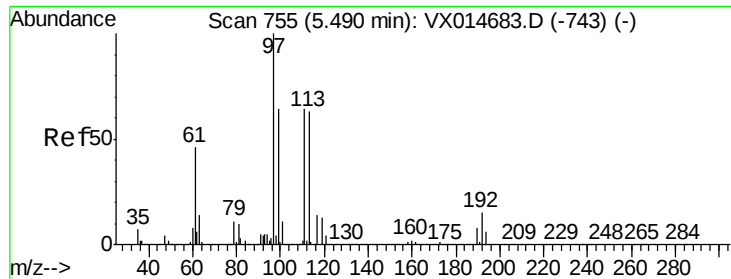


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

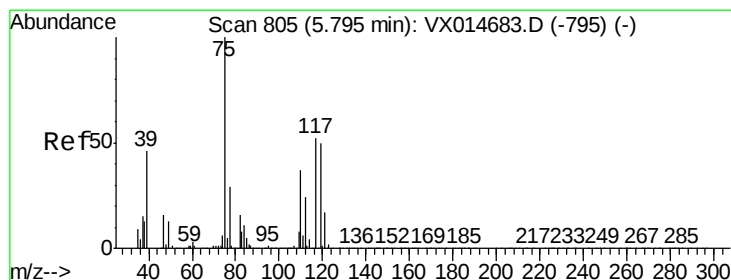
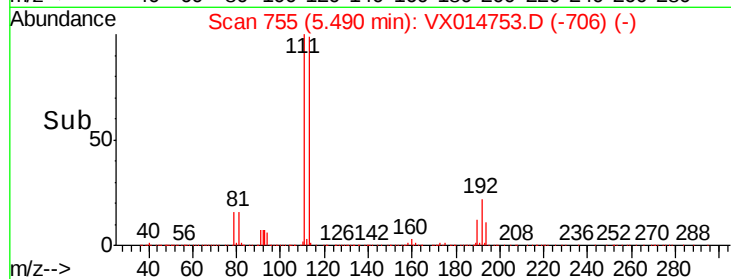
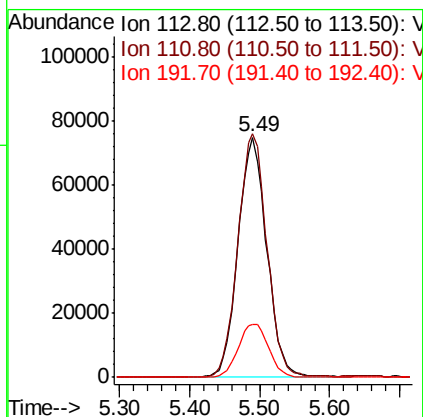
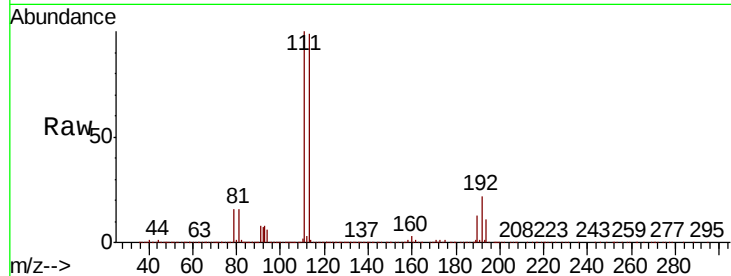




#35
 Dibromofluoromethane
 Concen: 49.011 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014753.D
 Acq: 28 Jan 2020 16:16

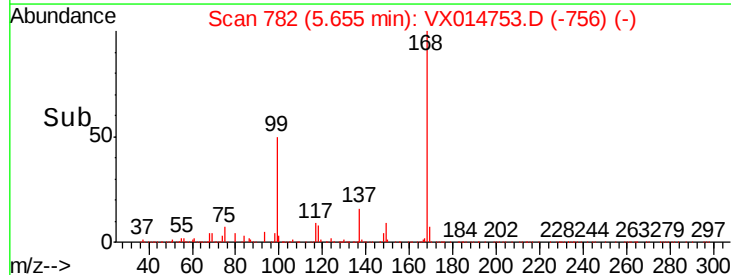
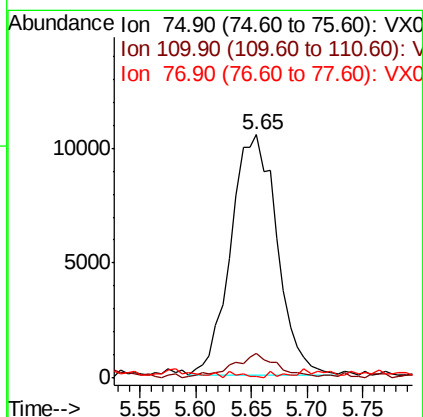
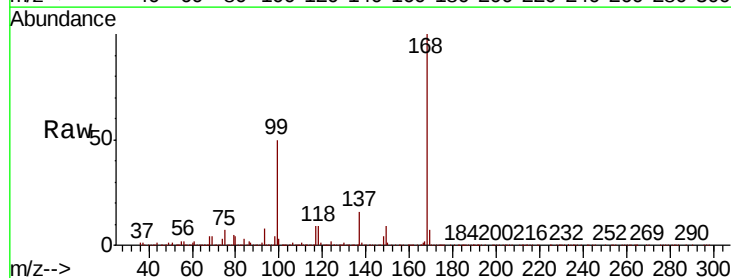
Instrument :
 MSVOA_X
 ClientSampleId :

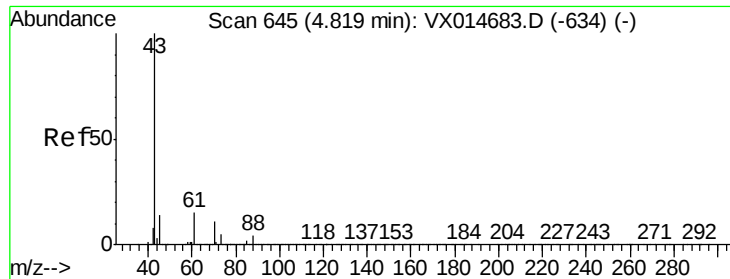
Tot Ion:113 Resp: 213706
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.7 121.1
 192 23.5 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 4.687 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.14 min
 Lab File: VX014753.D
 Acq: 28 Jan 2020 16:16

Tgt Ion: 75 Resp: 30098
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.9 53.7#
 77 0.9 24.1 36.1#

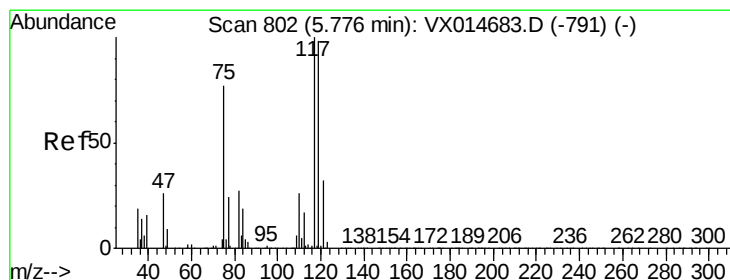
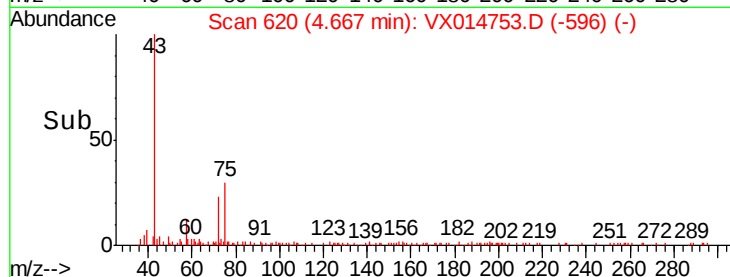
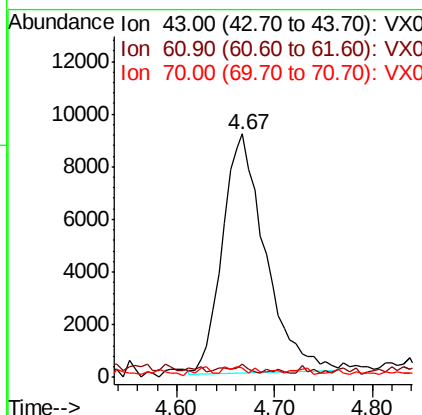
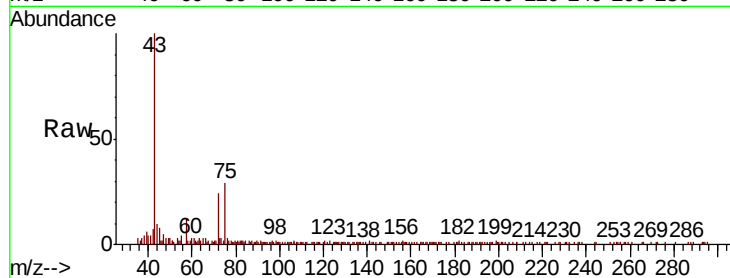




#37
Ethyl Acetate
Concen: 3.773 ug/l
RT: 4.67 min Scan# 620
Delta R.T. -0.15 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

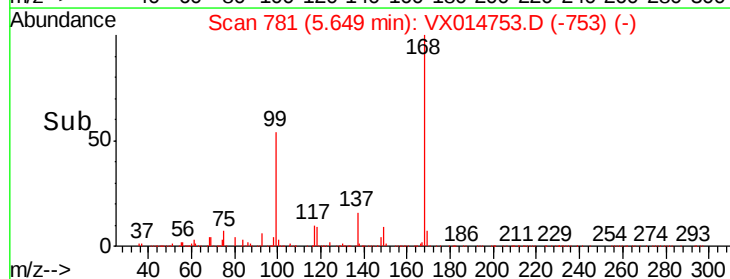
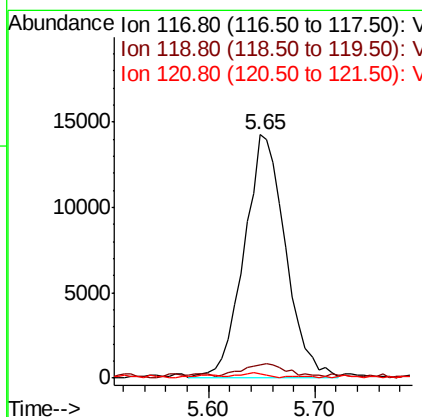
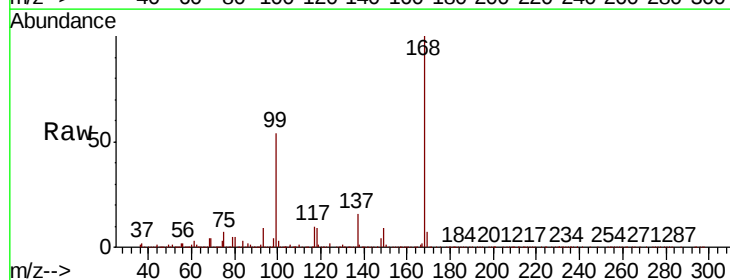
Instrument :
MSVOA_X
ClientSampleId :

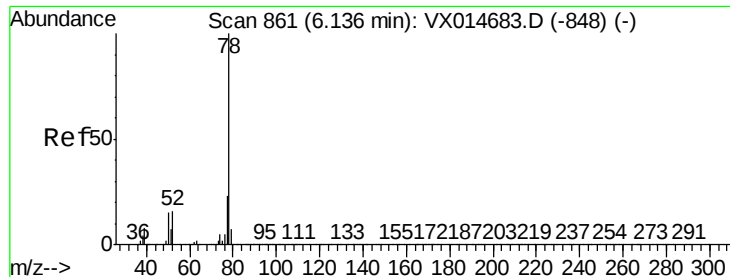
Tot Ion: 43 Resp: 27750
Ion Ratio Lower Upper
43 100
61 1.7 11.0 16.4#
70 1.2 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.350 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

Tgt Ion: 117 Resp: 38942
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 1.0 25.4 38.2#





#40

Benzene

Concen: 19.027 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

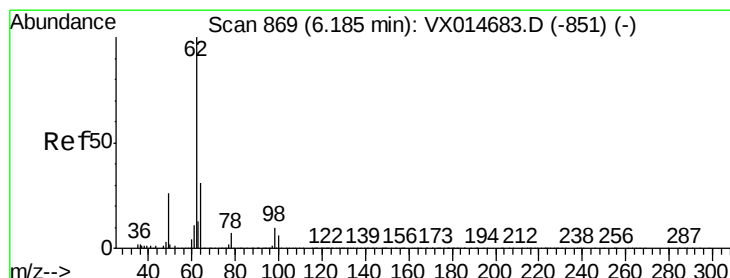
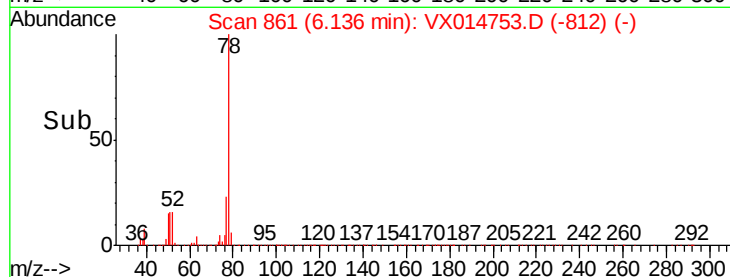
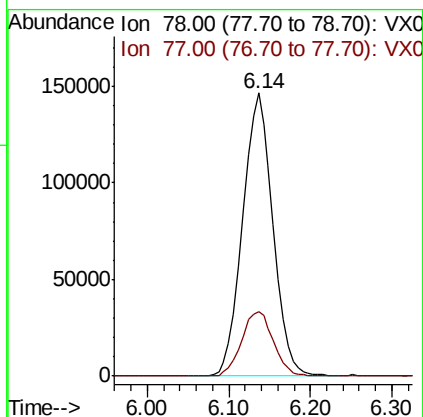
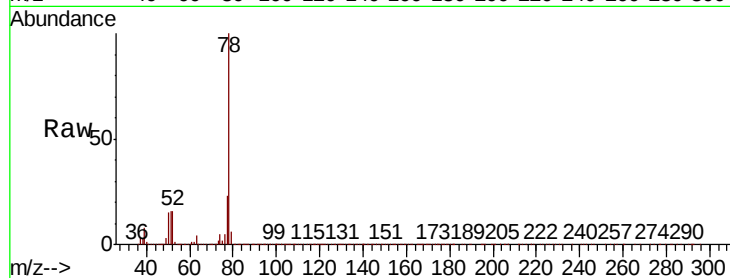
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 377498

Ion Ratio Lower Upper

78 100

77 22.9 18.7 28.1



#42

1,2-Dichloroethane

Concen: 0.578 ug/l

RT: 6.14 min Scan# 862

Delta R.T. -0.04 min

Lab File: VX014753.D

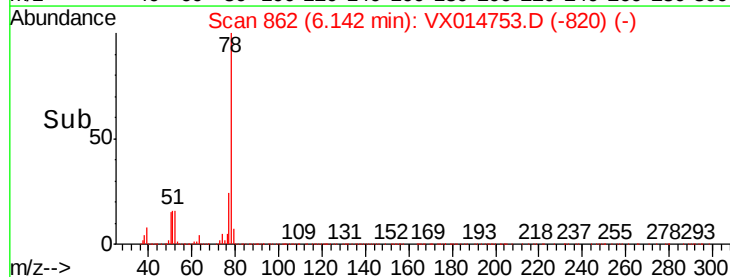
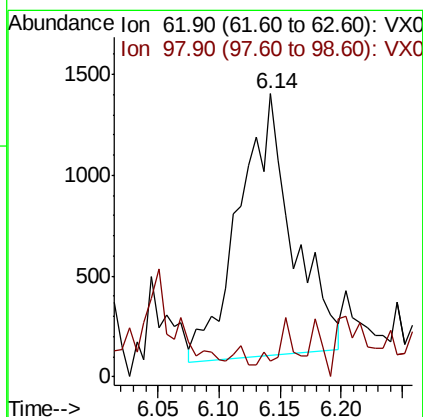
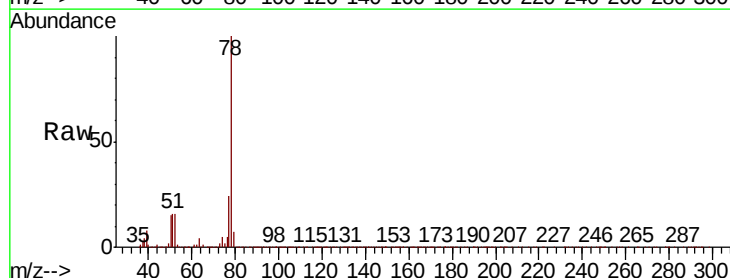
Acq: 28 Jan 2020 16:16

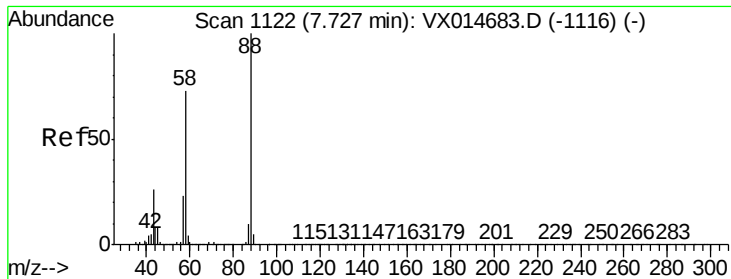
Tgt Ion: 62 Resp: 3959

Ion Ratio Lower Upper

62 100

98 4.2 0.0 20.0

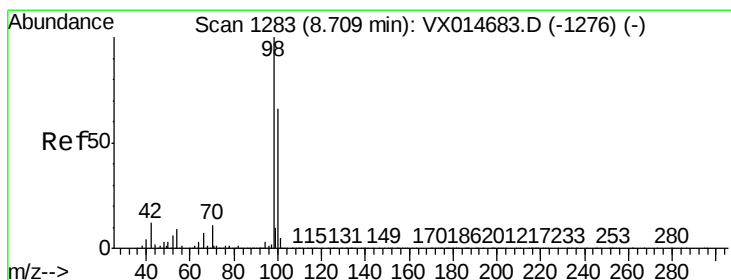
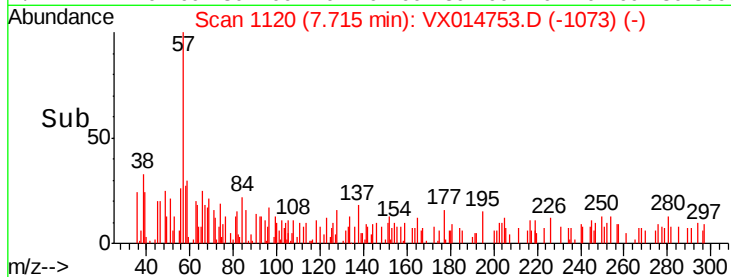
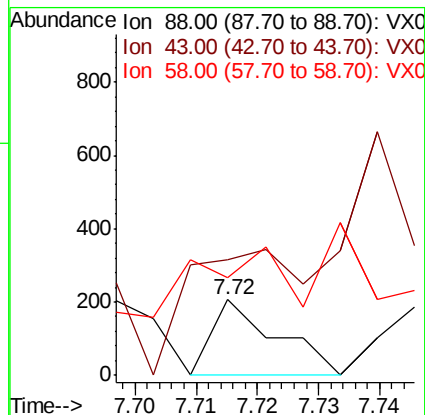
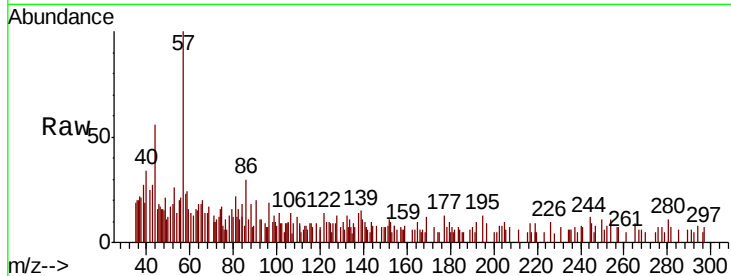




#49
1,4-Dioxane
Concen: 1.230 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

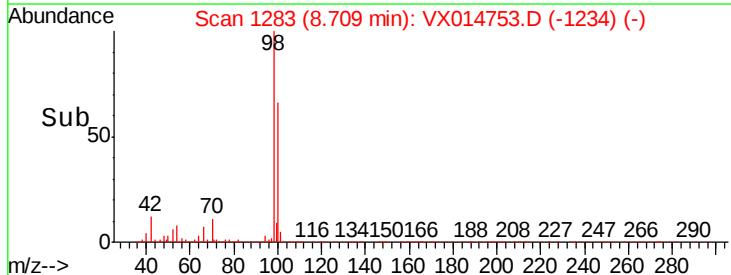
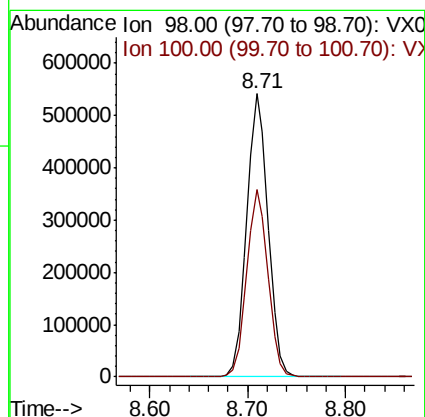
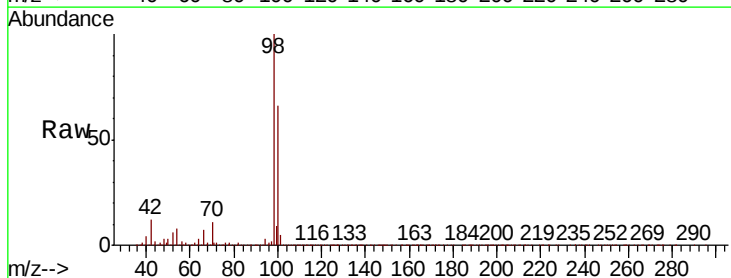
Instrument :
MSVOA_X
ClientSampled :

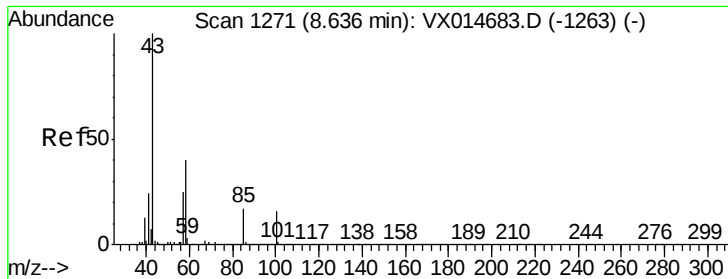
Tot Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
43 294.7 26.2 39.2#
58 430.0 56.6 85.0#



#50
Toluene-d8
Concen: 48.838 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

Tgt Ion: 98 Resp: 818672
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6

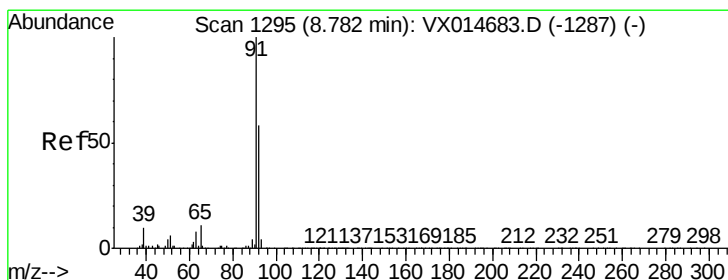
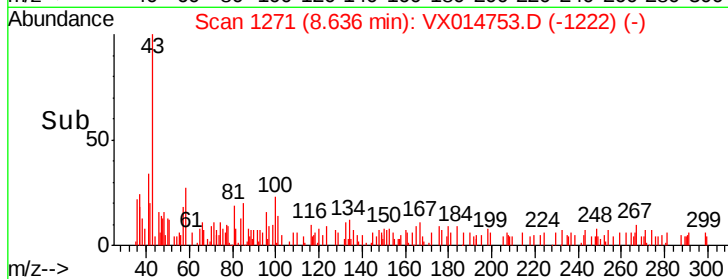
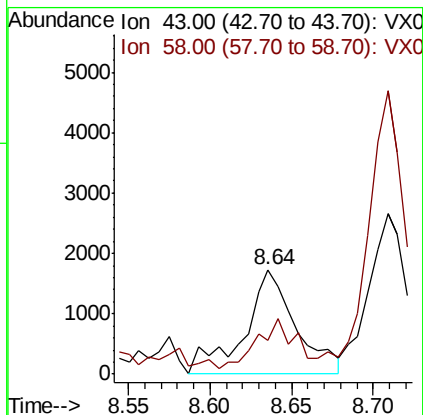
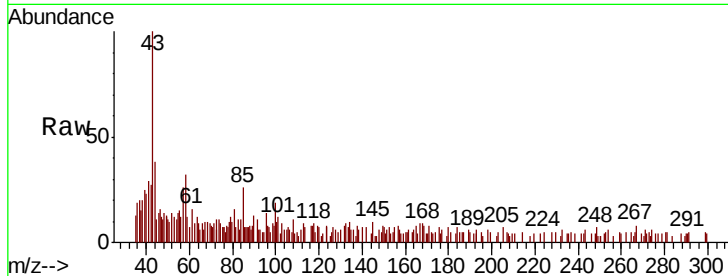




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

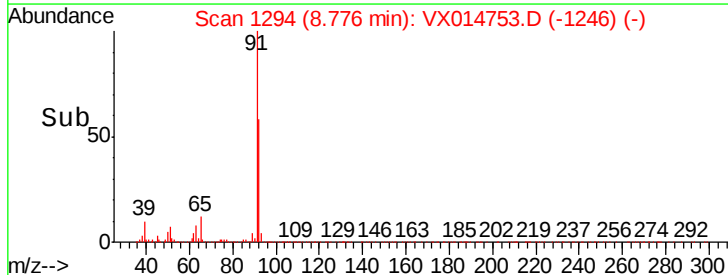
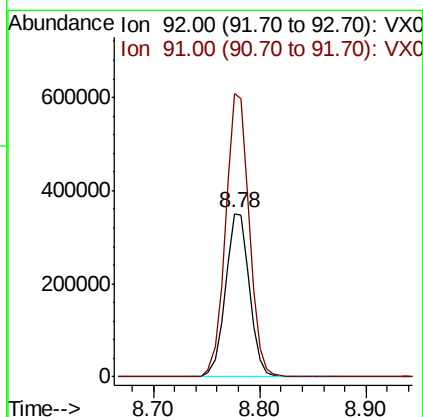
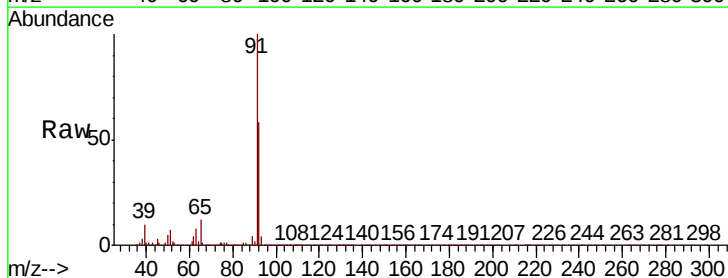
Instrument :
MSVOA_X
ClientSampled :

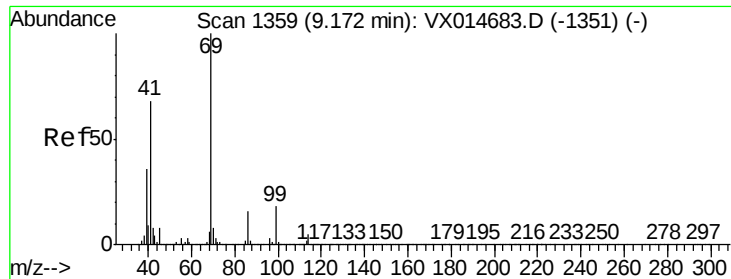
Tot Ion: 43 Resp: 3815
Ion Ratio Lower Upper
43 100
58 35.6 31.6 47.4



#52
Toluene
Concen: 45.114 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

Tgt Ion: 92 Resp: 550188
Ion Ratio Lower Upper
92 100
91 171.4 135.9 203.9





#56

Ethyl methacrylate

Concen: 1.848 ug/l

RT: 9.19 min Scan# 1362

Delta R.T. 0.02 min

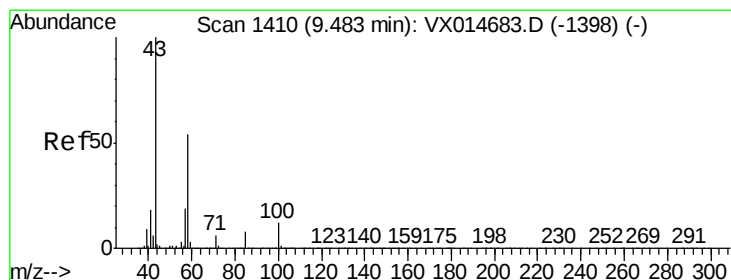
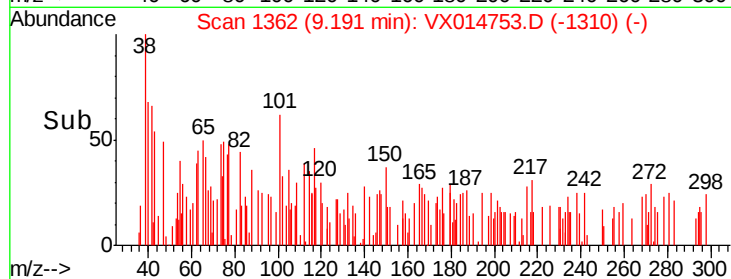
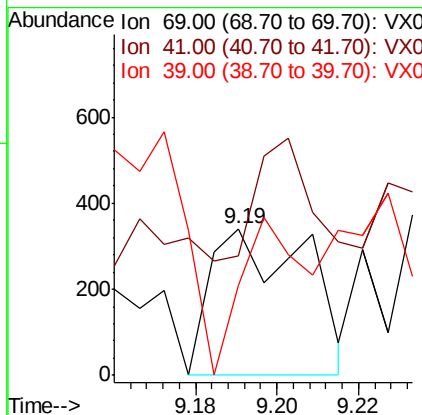
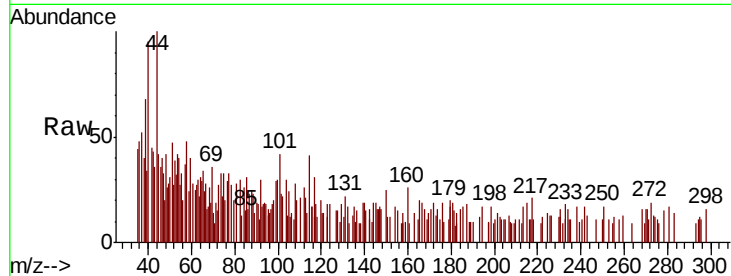
Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 69 Resp: 554

Ion	Ratio	Lower	Upper
69	100		
41	48.6	54.9	82.3#
39	72.0	29.3	43.9#



#59

2-Hexanone

Concen: 0.603 ug/l

RT: 9.49 min Scan# 1411

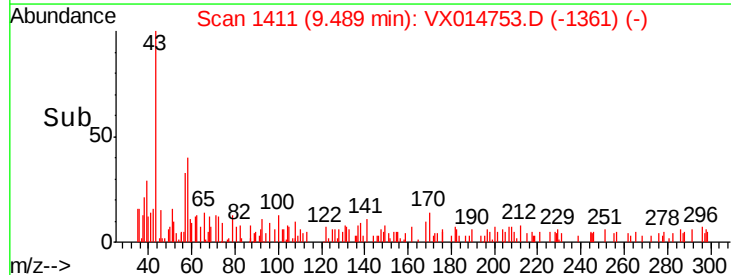
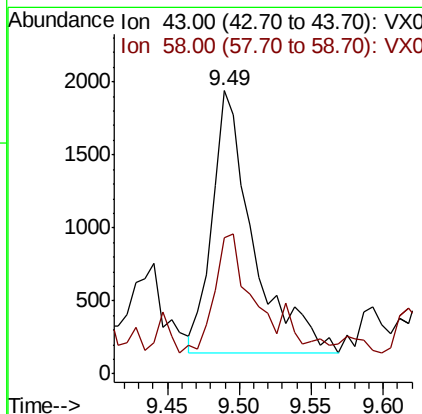
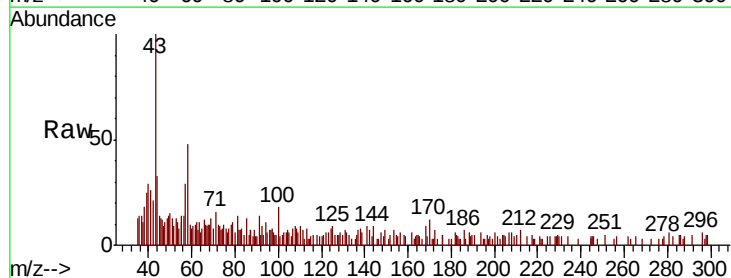
Delta R.T. 0.01 min

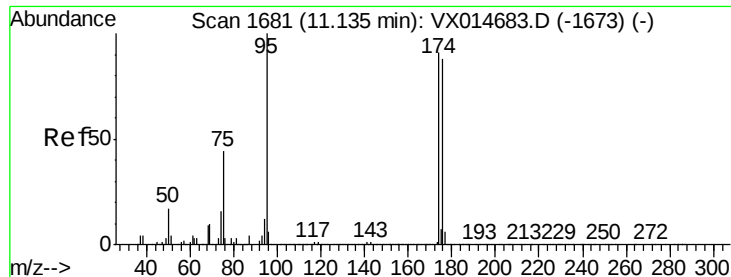
Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Tgt Ion: 43 Resp: 3557

Ion	Ratio	Lower	Upper
43	100		
58	36.9	27.2	81.5

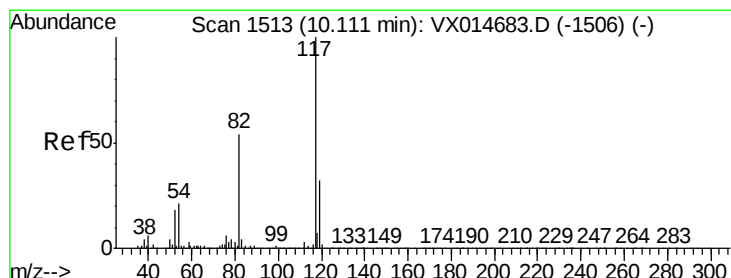
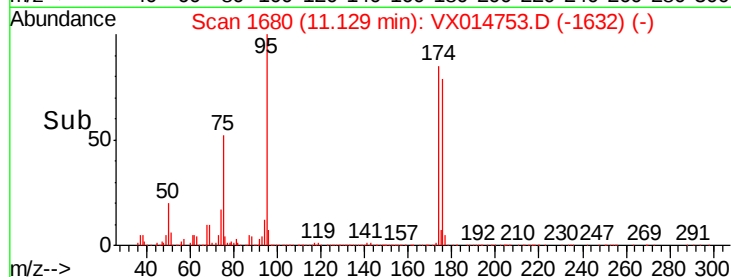
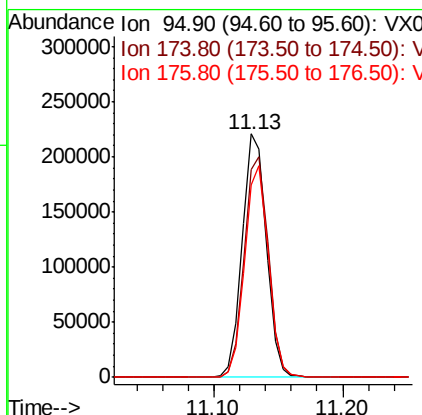
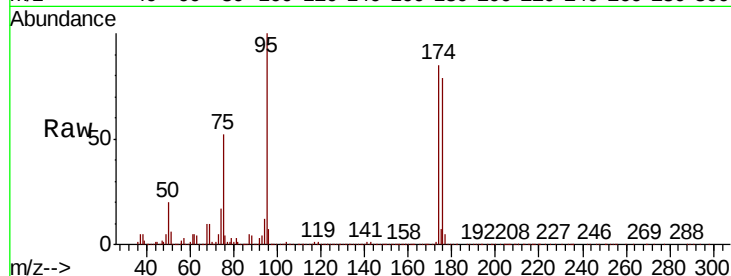




#62
4-Bromofluorobenzene
Concen: 47.497 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

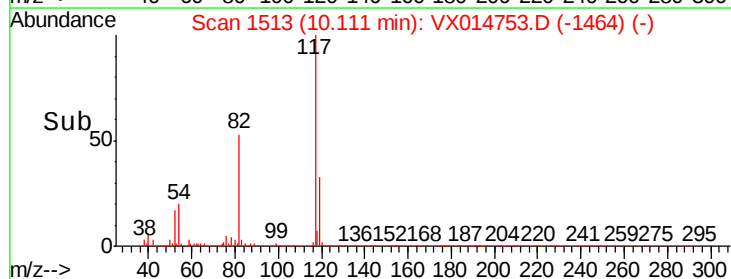
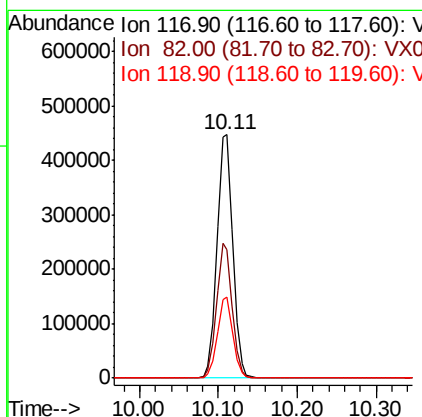
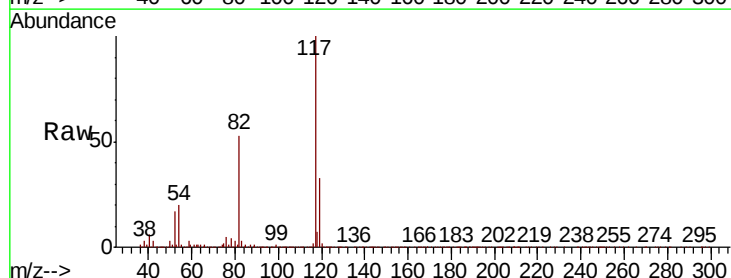
Instrument :
MSVOA_X
ClientSampled :

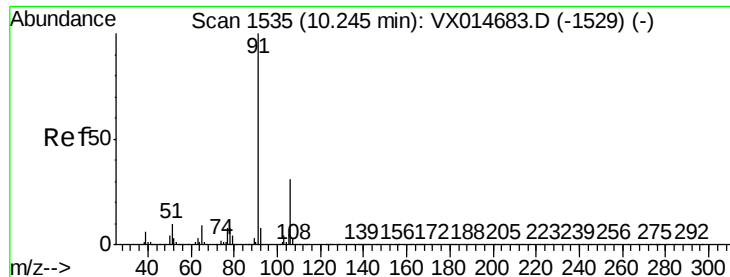
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	176.0
176	85.7	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.2	64.8
119	33.2	25.8	38.6





#67

Ethyl Benzene

Concen: 4.234 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

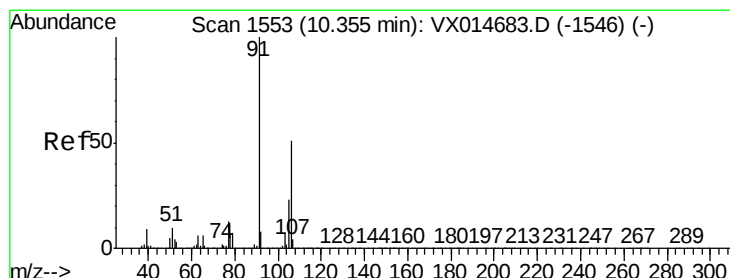
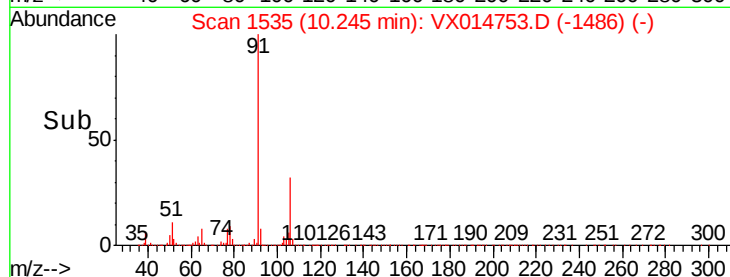
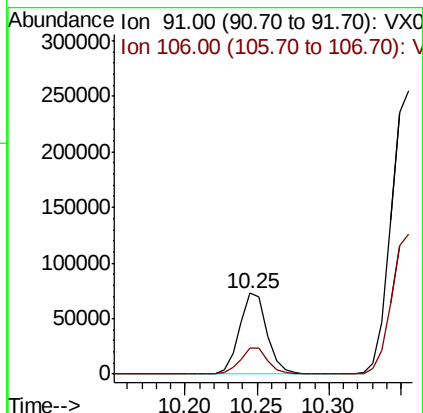
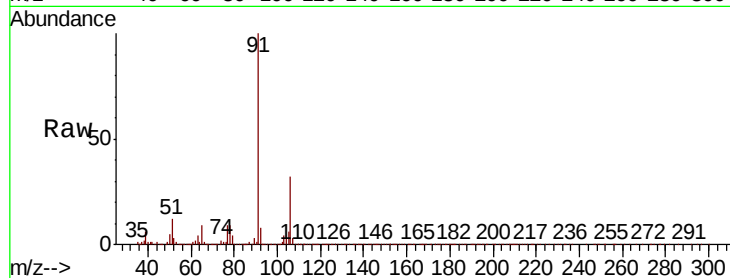
ClientSampled :

Tot Ion: 91 Resp: 96950

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 19.687 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014753.D

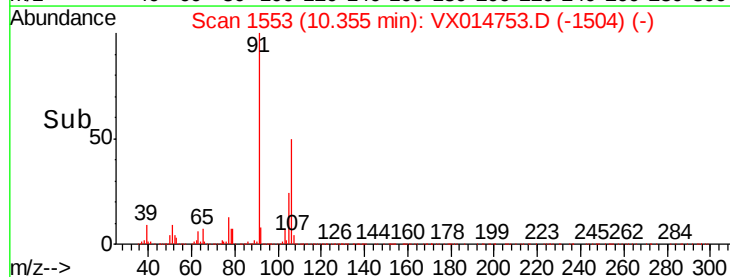
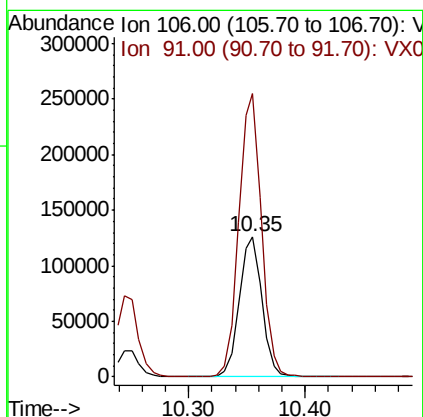
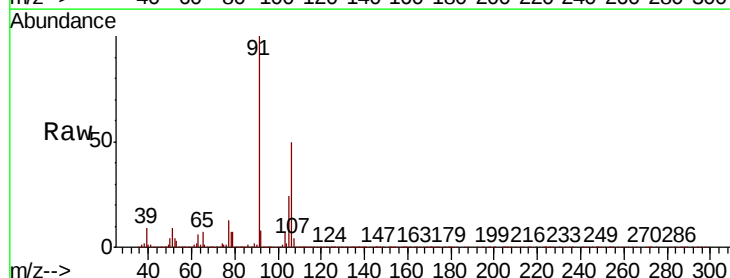
Acq: 28 Jan 2020 16:16

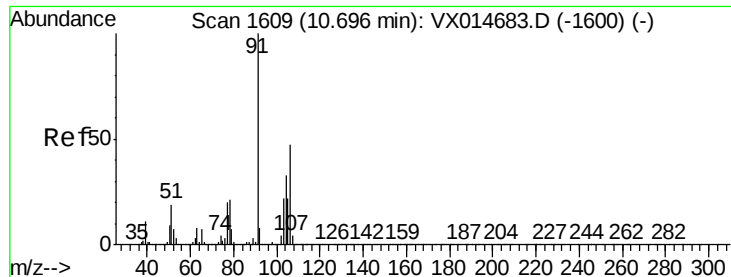
Tgt Ion: 106 Resp: 170772

Ion Ratio Lower Upper

106 100

91 201.5 159.4 239.2

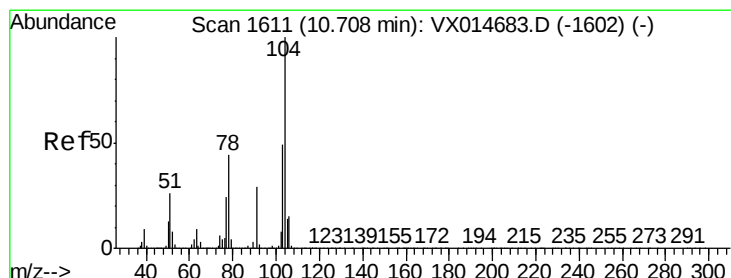
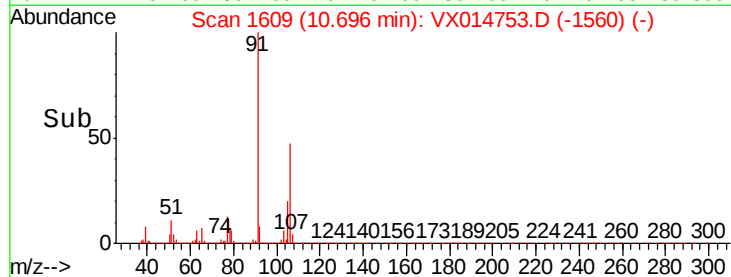
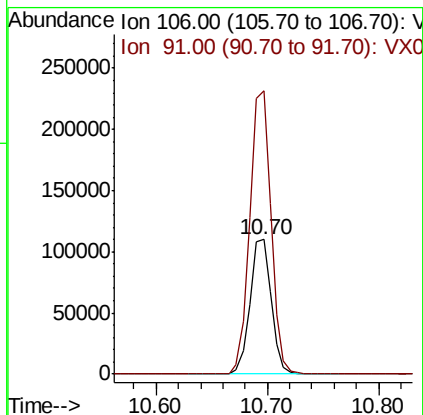
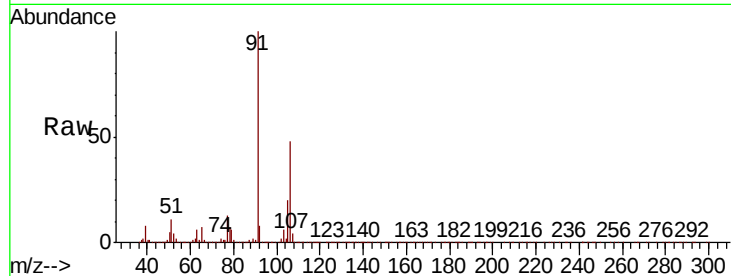




#69
o-Xylene
Concen: 17.384 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

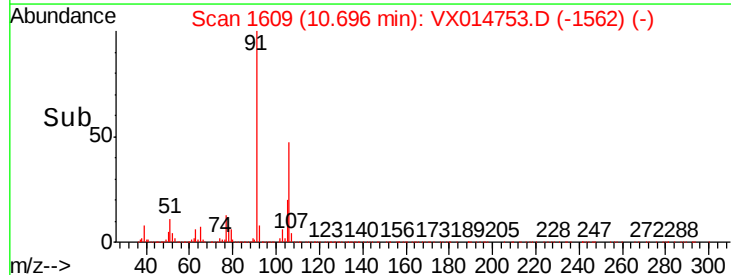
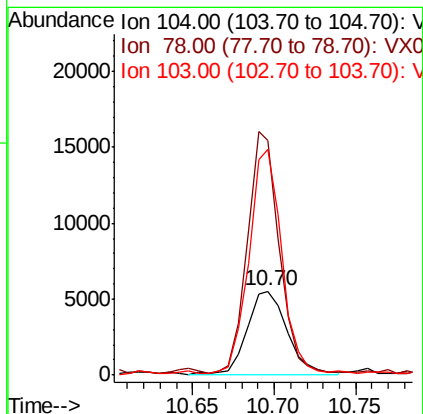
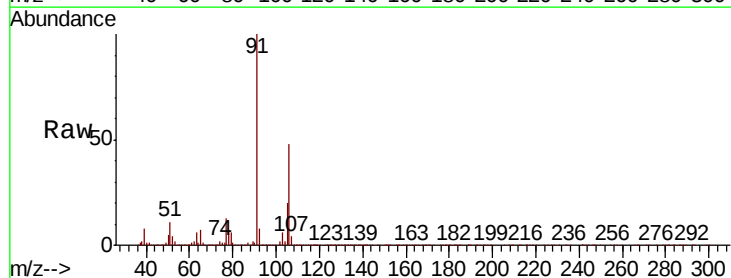
Instrument :
MSVOA_X
ClientSampled :

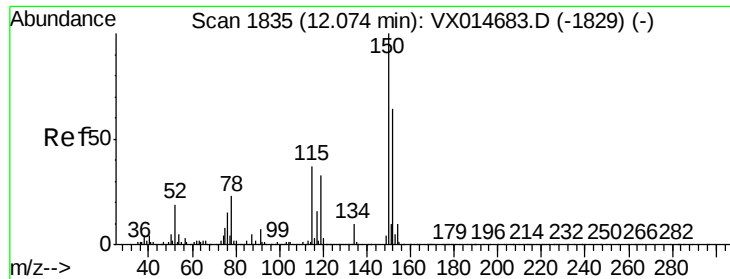
Tot Ion:106 Resp: 145578
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.6



#70
Styrene
Concen: 0.658 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

Tgt Ion:104 Resp: 9240
Ion Ratio Lower Upper
104 100
78 237.0 39.3 58.9#
103 220.0 43.5 65.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

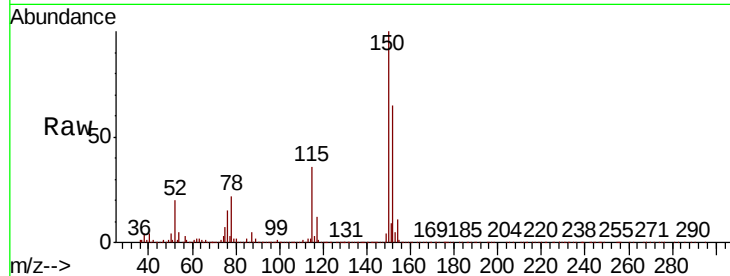
Tot Ion:152 Resp: 303635

Ion Ratio Lower Upper

152 100

115 54.9 39.4 118.1

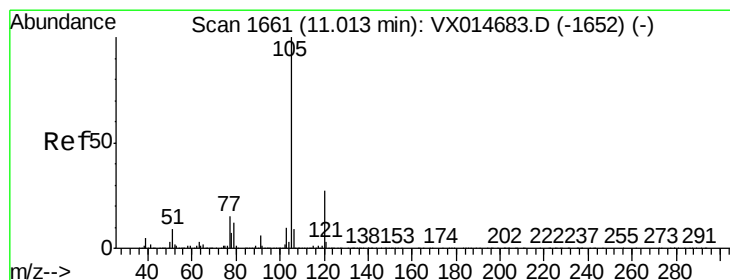
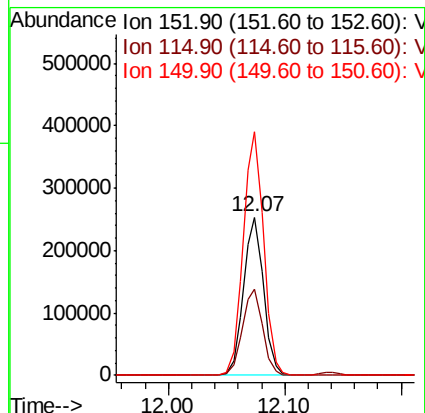
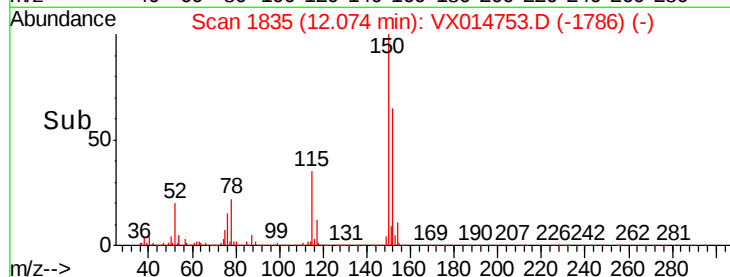
150 157.0 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.430 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014753.D

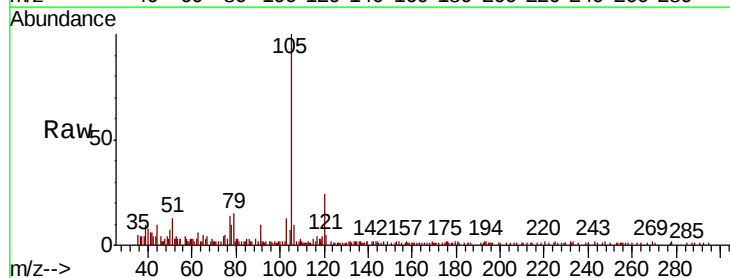
Acq: 28 Jan 2020 16:16

Tgt Ion:105 Resp: 9186

Ion Ratio Lower Upper

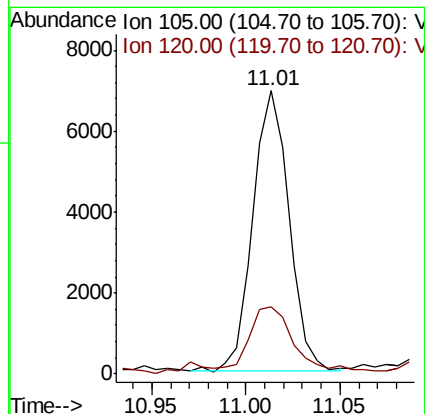
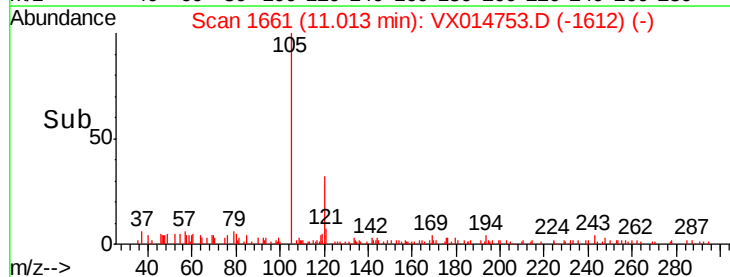
105 100

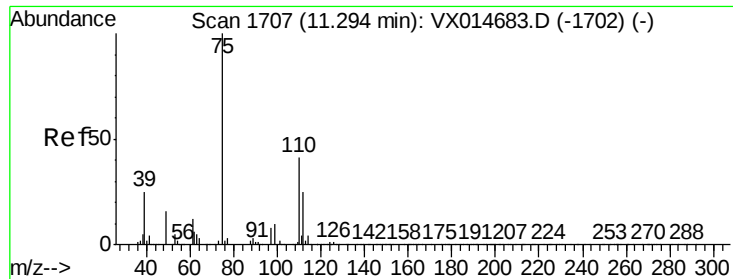
120 28.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

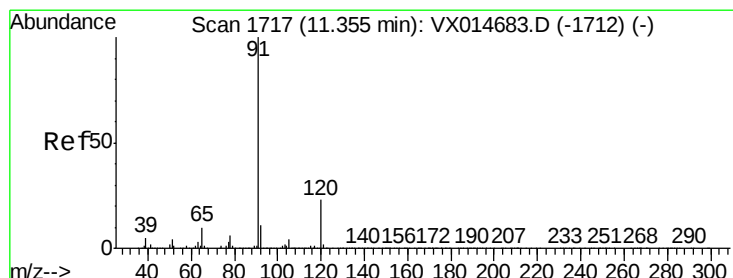
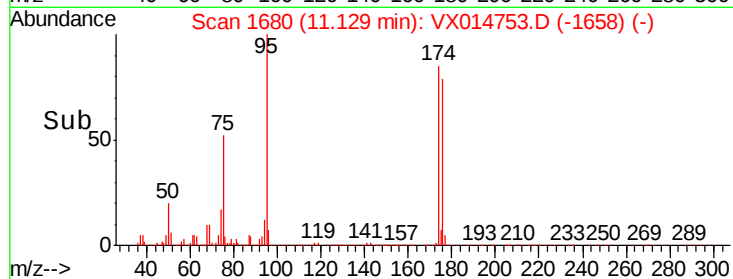
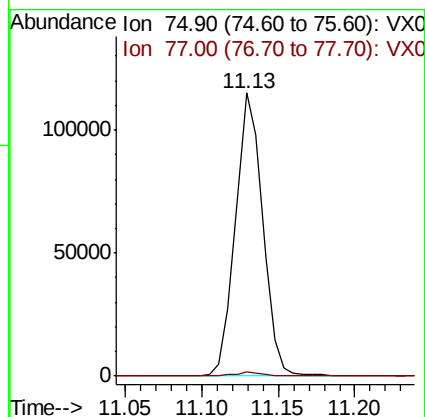
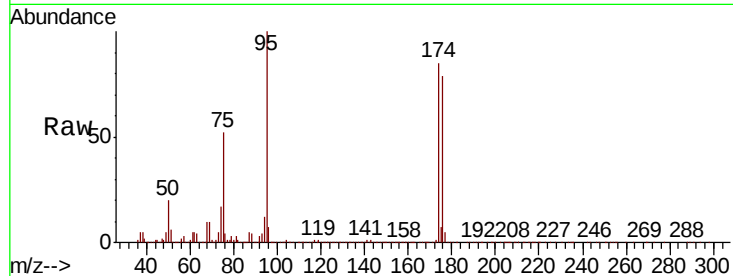




#76
 1,2,3-Trichloropropane
 Concen: 20.158 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX014753.D
 Acq: 28 Jan 2020 16:16

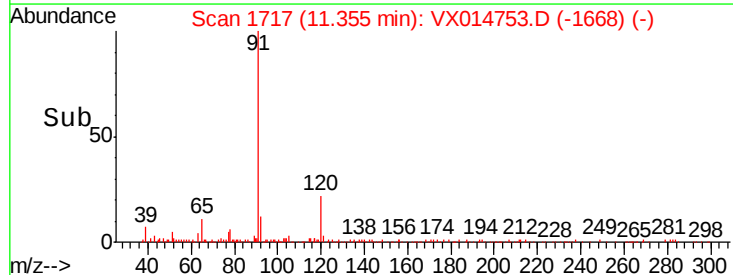
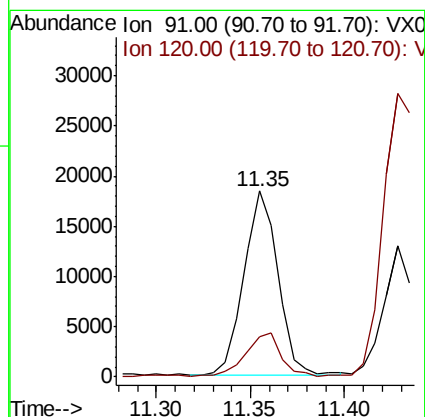
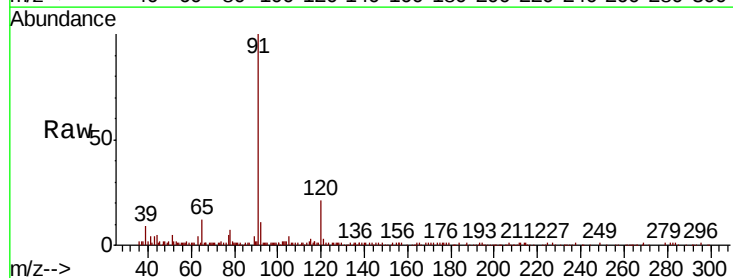
Instrument :
 MSVOA_X
 ClientSampleId :

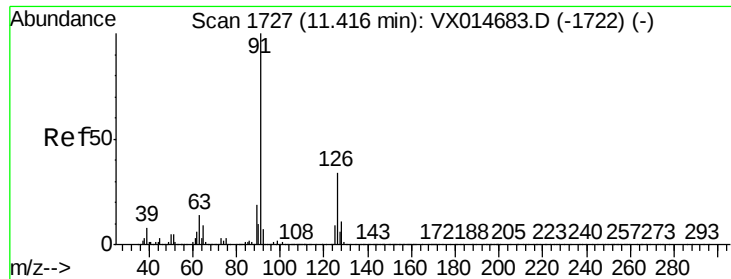
Tot Ion: 75 Resp: 142401
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.7 56.1#



#78
 n-propylbenzene
 Concen: 0.960 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX014753.D
 Acq: 28 Jan 2020 16:16

Tgt Ion: 91 Resp: 23264
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.7 35.0





#79

2-Chlorotoluene

Concen: 1.382 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

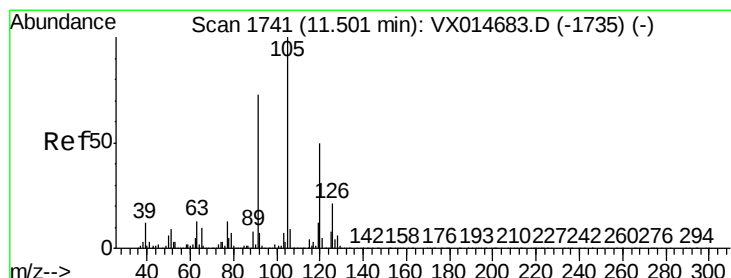
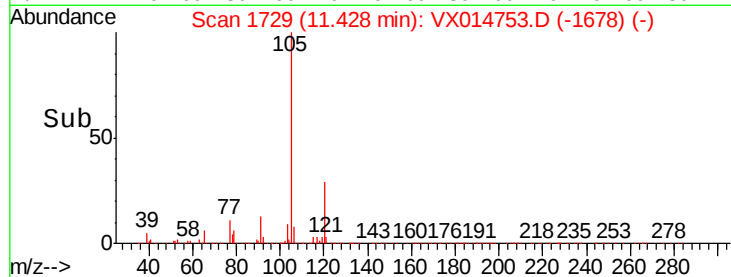
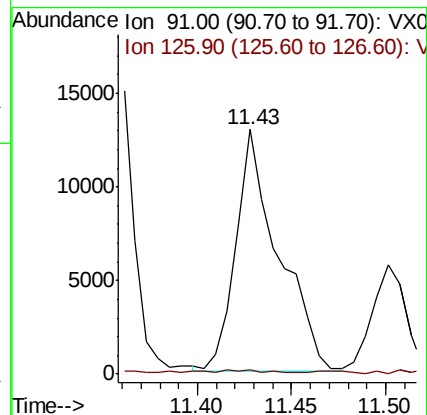
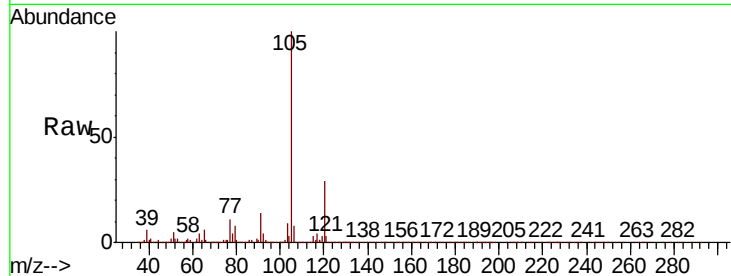
ClientSampleId :

Tot Ion: 91 Resp: 20271

Ion Ratio Lower Upper

91 100

126 1.5 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 3.856 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014753.D

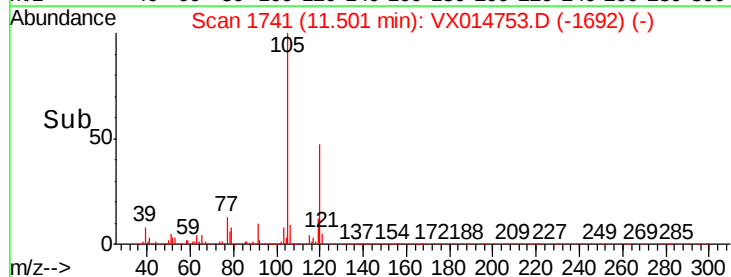
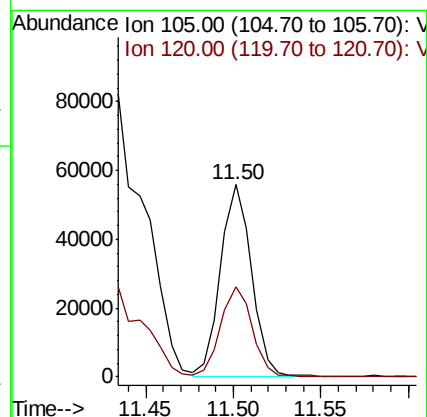
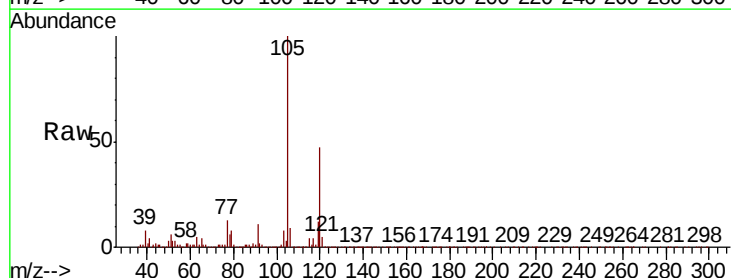
Acq: 28 Jan 2020 16:16

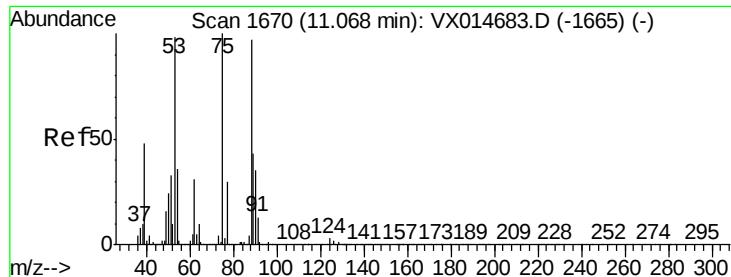
Tgt Ion: 105 Resp: 68331

Ion Ratio Lower Upper

105 100

120 48.1 24.9 74.6

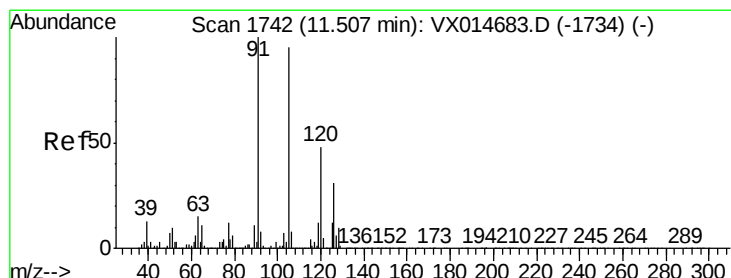
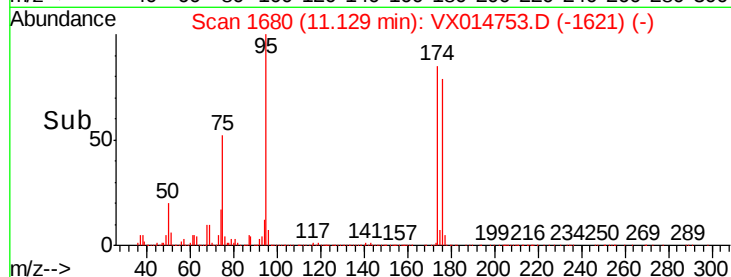
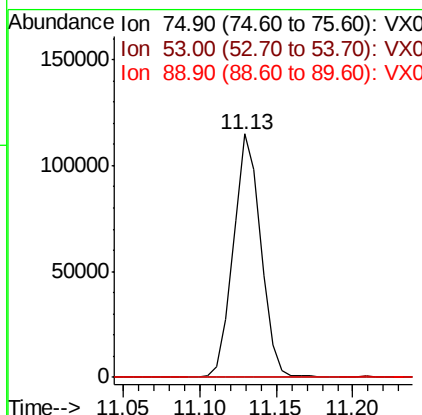
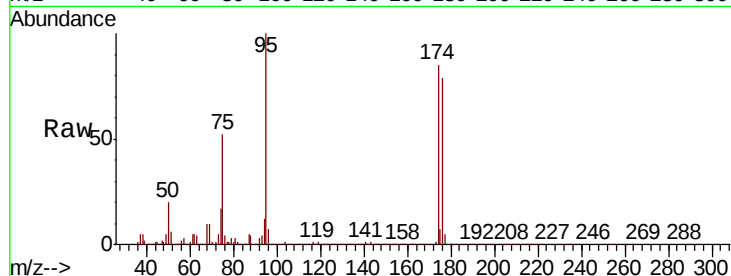




#81
trans-1,4-Dichloro-2-butene
Concen: 57.366 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

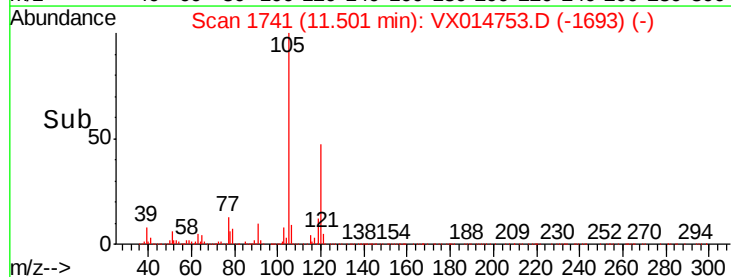
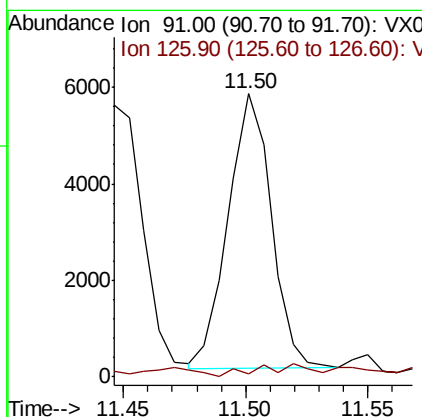
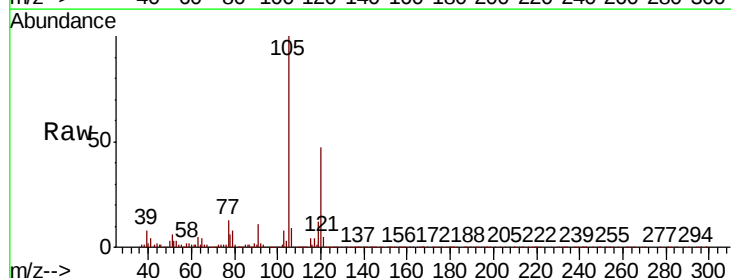
Instrument :
MSVOA_X
ClientSampleId :

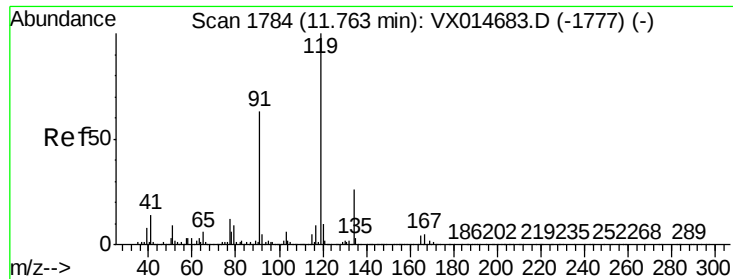
Tot Ion: 75 Resp: 142401
Ion Ratio Lower Upper
75 100
53 0.0 78.8 118.2#
89 0.0 35.4 53.0#



#82
4-Chlorotoluene
Concen: 0.419 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

Tgt Ion: 91 Resp: 7001
Ion Ratio Lower Upper
91 100
126 5.7 15.4 46.4#

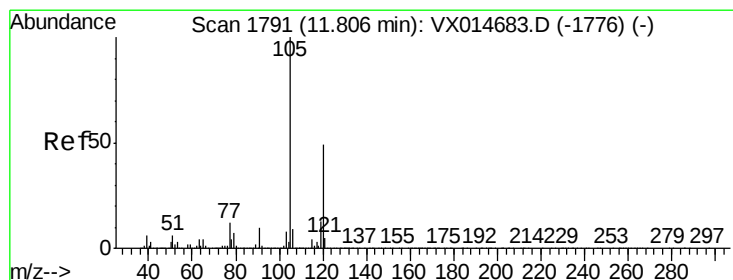
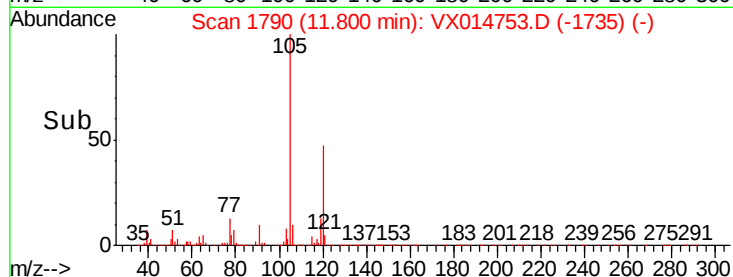
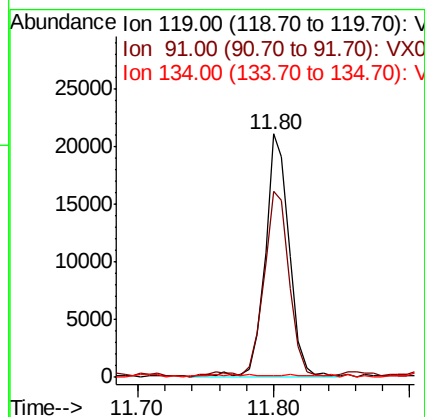
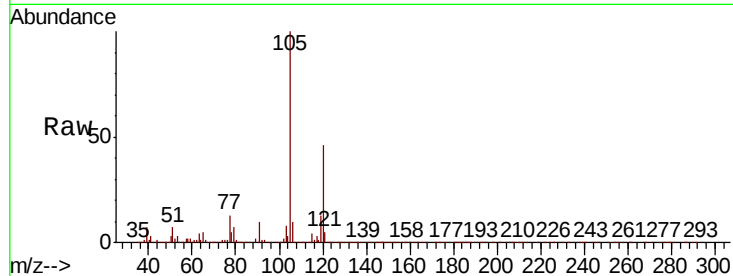




#83
tert-Butylbenzene
Concen: 1.549 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.04 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

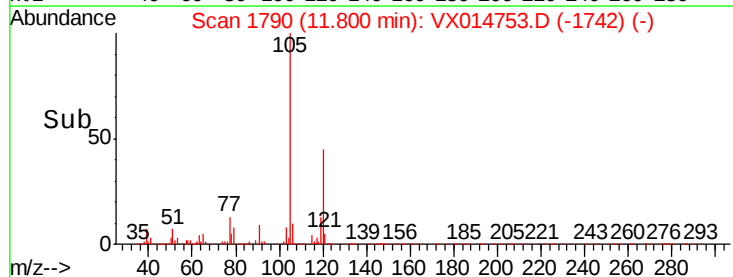
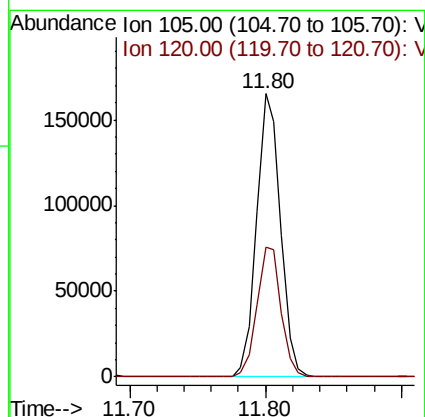
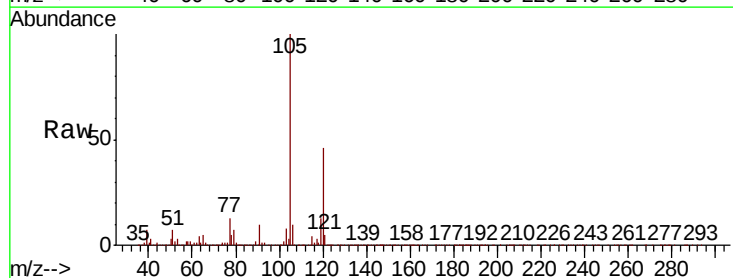
Instrument :
MSVOA_X
ClientSampled :

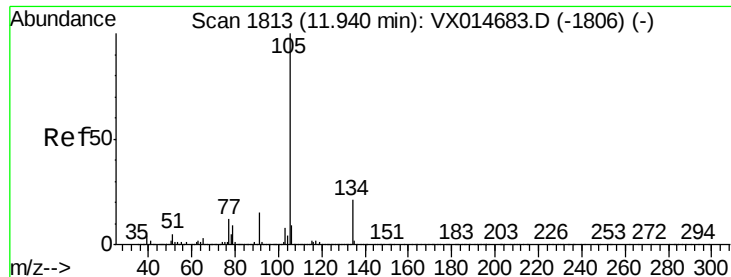
Tot Ion:119 Resp: 25787
Ion Ratio Lower Upper
119 100
91 79.1 30.0 90.0
134 0.4 12.7 38.0#



#84
1,2,4-Trimethylbenzene
Concen: 11.450 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014753.D
Acq: 28 Jan 2020 16:16

Tgt Ion:105 Resp: 203511
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 9.977 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.14 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

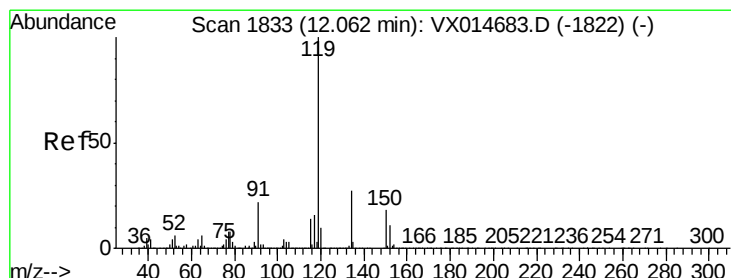
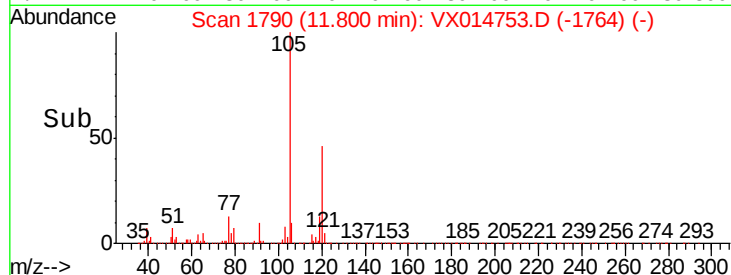
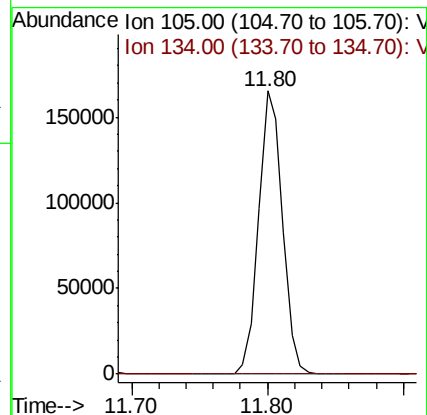
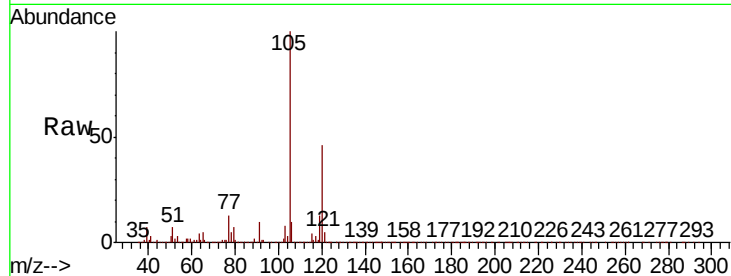
ClientSampleId :

Tot Ion:105 Resp: 203511

Ion Ratio Lower Upper

105 100

134 0.1 10.3 30.8#



#86

p-Isopropyltoluene

Concen: 0.520 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.04 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

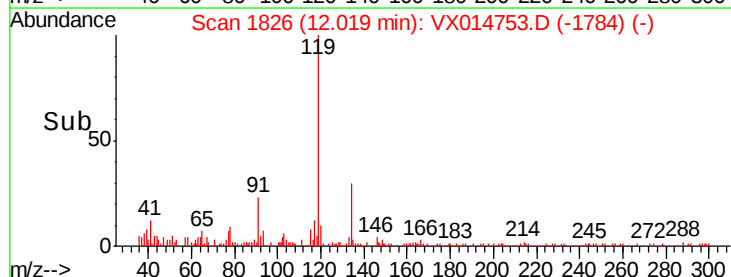
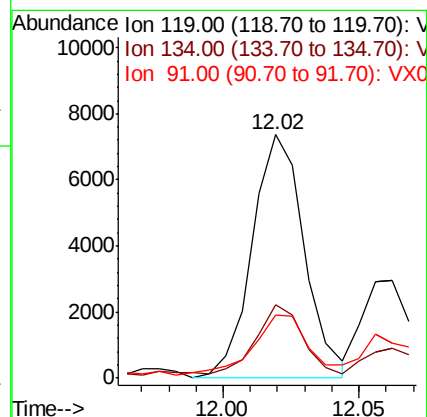
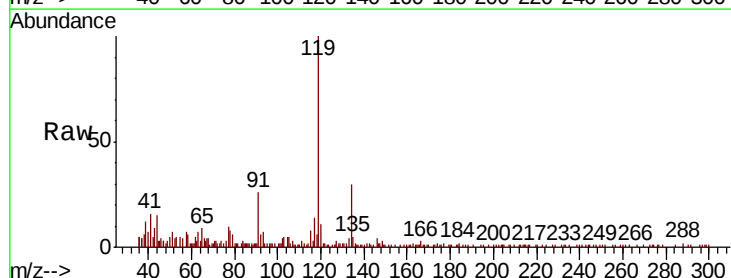
Tgt Ion:119 Resp: 9801

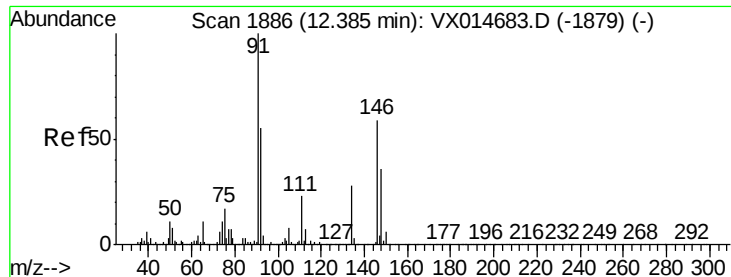
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 26.0 11.3 33.8





#89

n-Butylbenzene

Concen: 0.842 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

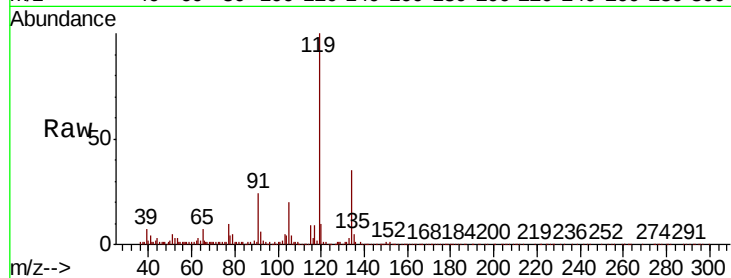
Tot Ion: 91 Resp: 13828

Ion Ratio Lower Upper

91 100

92 30.4 27.6 82.7

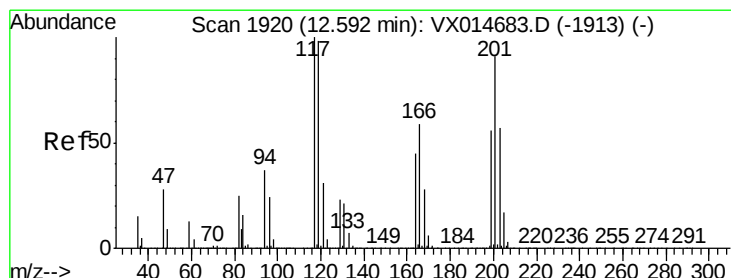
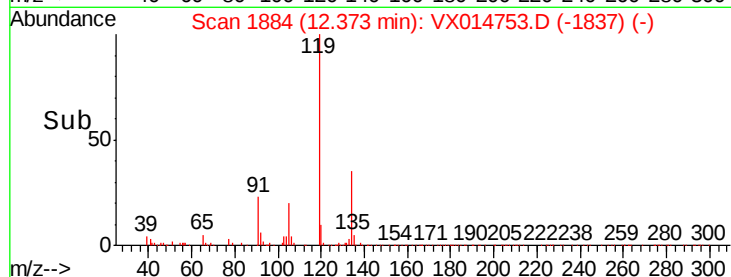
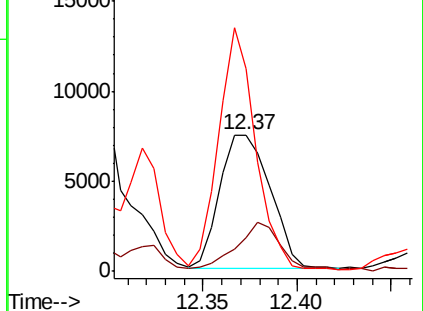
134 131.3 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.901 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014753.D

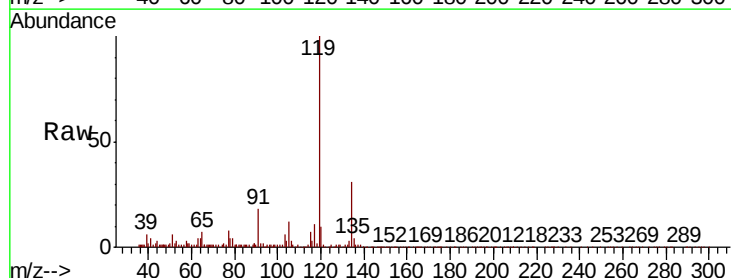
Acq: 28 Jan 2020 16:16

Tgt Ion: 117 Resp: 3155

Ion Ratio Lower Upper

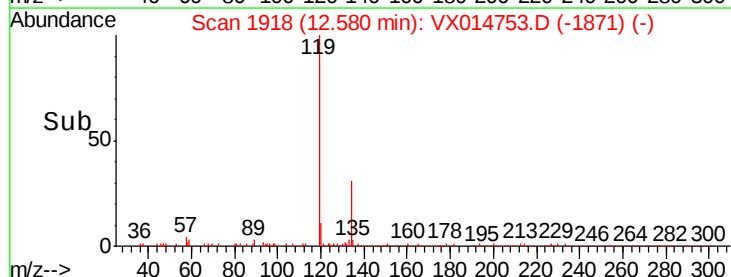
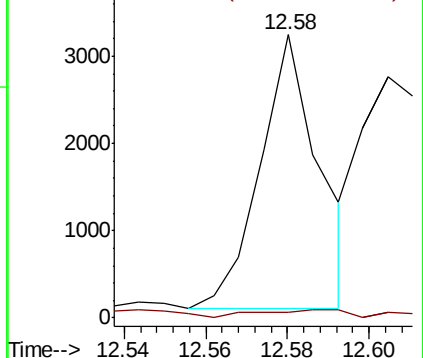
117 100

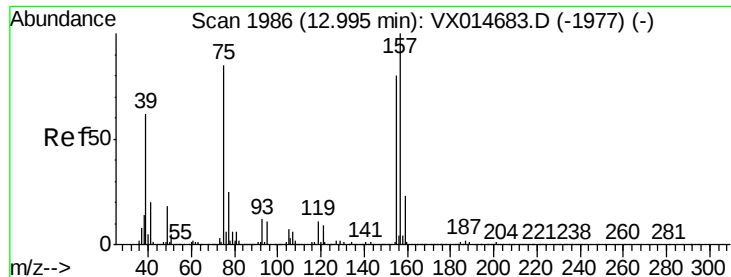
201 4.4 44.4 133.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.205 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

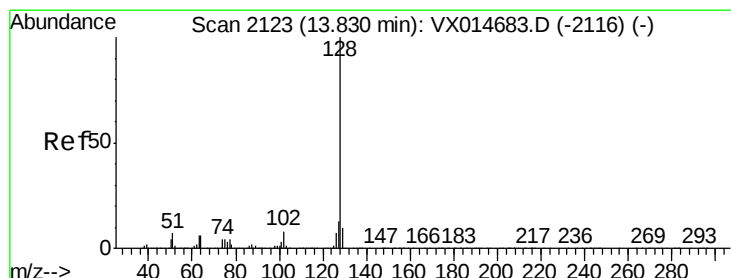
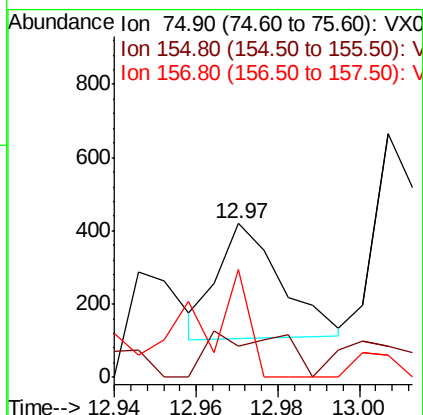
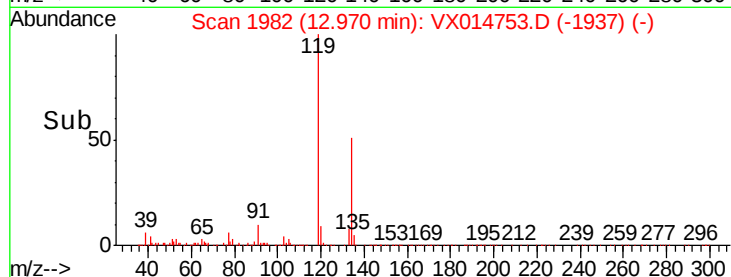
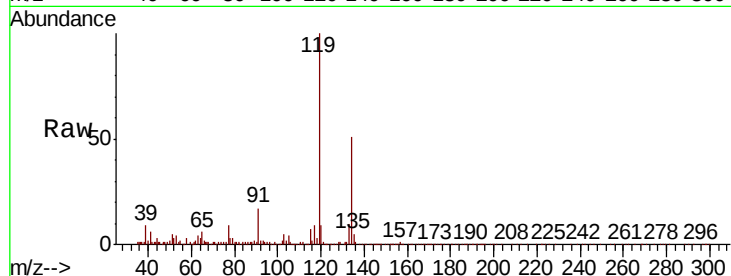
Tot Ion: 75 Resp: 335

Ion Ratio Lower Upper

75 100

155 47.2 45.6 136.9

157 73.4 60.3 180.9



#95

Naphthalene

Concen: 5.467 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014753.D

Acq: 28 Jan 2020 16:16

Tgt Ion: 128 Resp: 98374

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.6 12.8

