

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014731.D
 Acq On : 27 Jan 2020 17:04
 Operator : JC/SP
 Sample : L1245-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 03:17:58 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

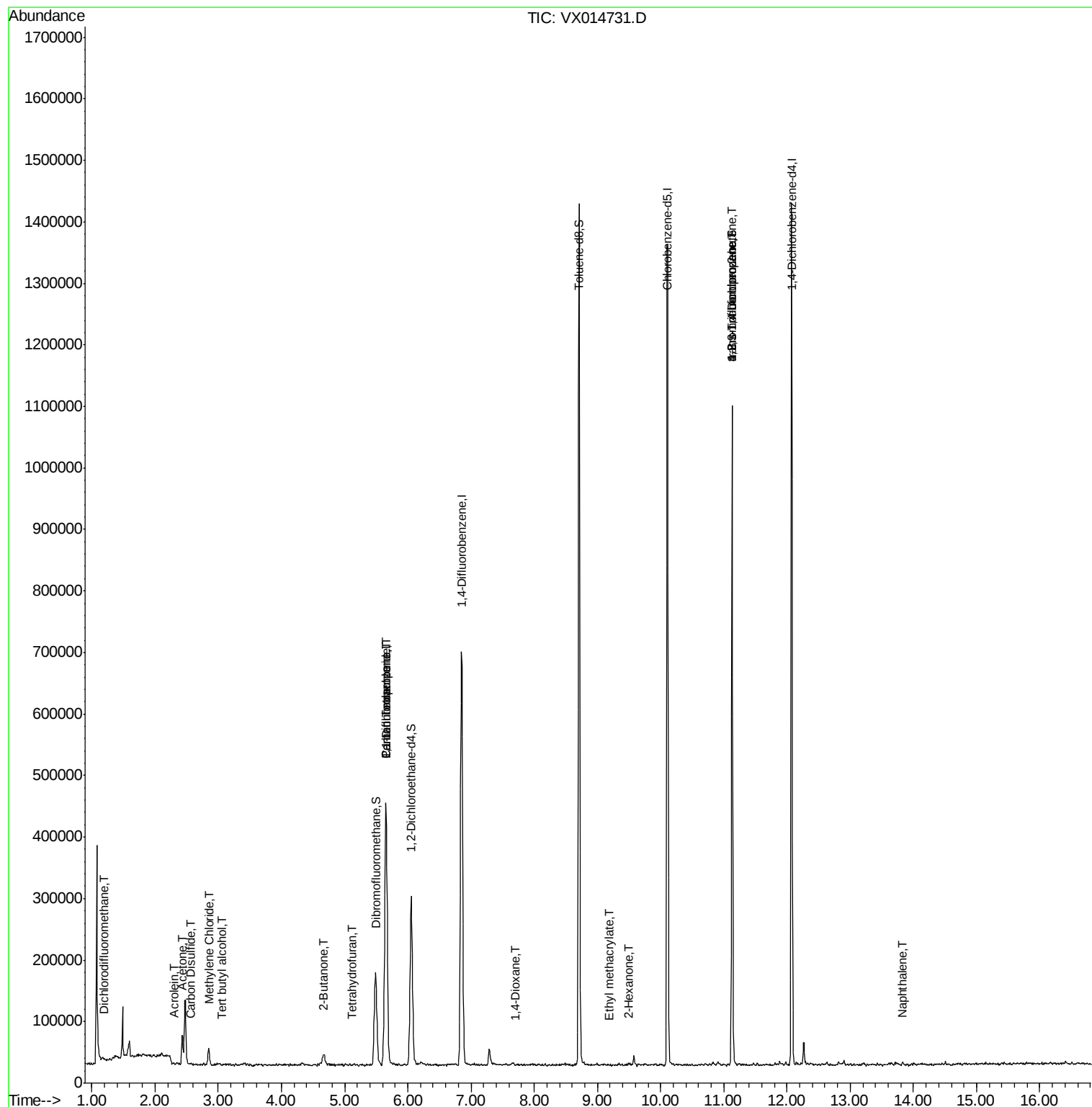
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	692699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	631463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	295800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	254957	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
35) Dibromofluoromethane	5.49	113	131274	30.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.06%	
50) Toluene-d8	8.71	98	825665	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	283610	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	279	0.578	ug/l	83
6) Chloroethane	1.72	64	458	Below Cal	#	48
11) Tert butyl alcohol	3.06	59	263	0.229	ug/l #	1
13) Acrolein	2.29	56	910	1.006	ug/l	85
16) Acetone	2.43	43	55700	20.021	ug/l	97
17) Carbon Disulfide	2.56	76	2555	0.215	ug/l #	82
20) Methylene Chloride	2.85	84	14278	2.754	ug/l	98
25) 2-Butanone	4.67	43	13237	3.298	ug/l	95
29) Tetrahydrofuran	5.12	42	816	0.343	ug/l #	66
36) 1,1-Dichloropropene	5.65	75	28940	4.496	ug/l #	52
38) Carbon Tetrachloride	5.65	117	38013	6.184	ug/l #	14
41) Methacrylonitrile	5.04	41	372	Below Cal	#	26
49) 1,4-Dioxane	7.70	88	240	1.963	ug/l #	72
56) Ethyl methacrylate	9.18	69	188	1.806	ug/l #	1
59) 2-Hexanone	9.49	43	1943	0.329	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	138460	20.119	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	138460	57.255	ug/l #	10
95) Naphthalene	13.83	128	2858	1.067	ug/l #	75

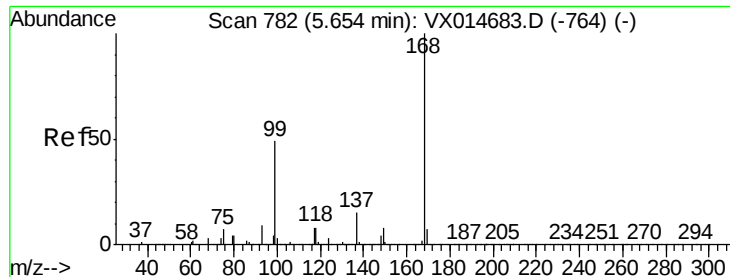
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012720\
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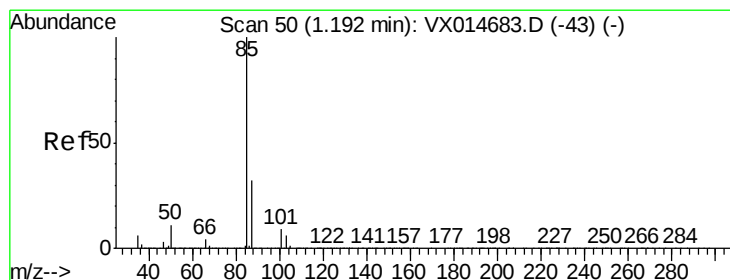
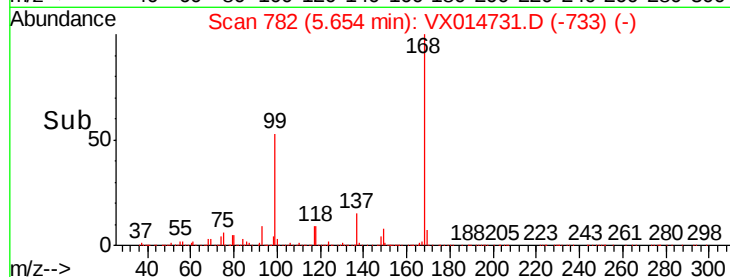
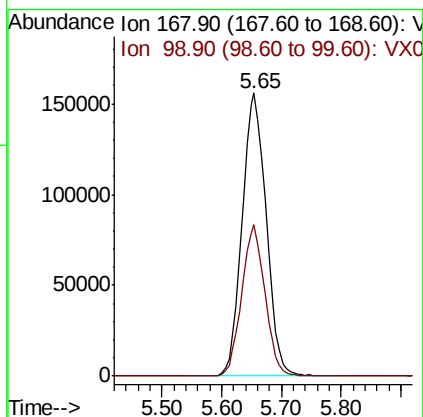
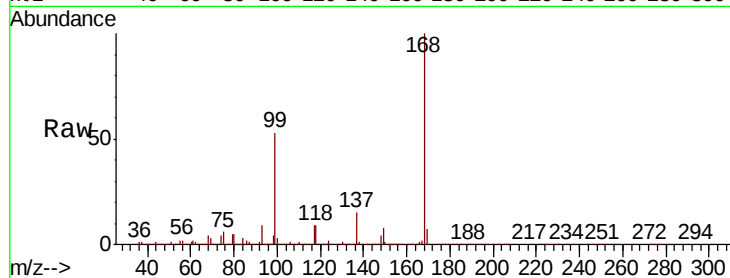




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014731.D
Acq: 27 Jan 2020 17:04

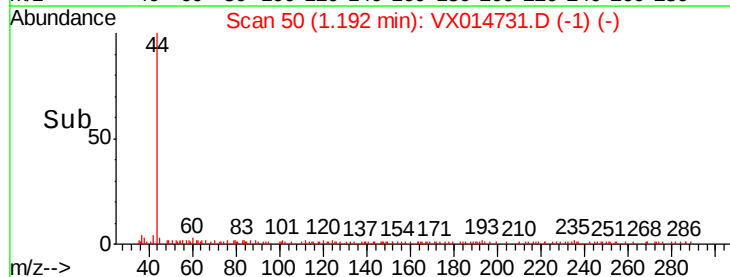
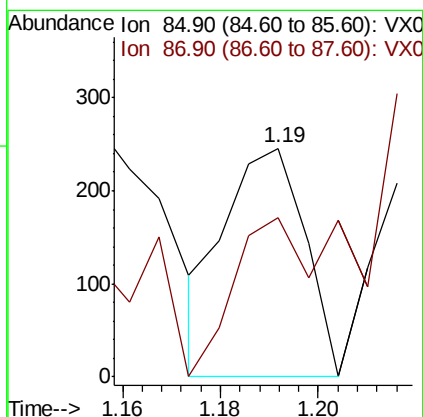
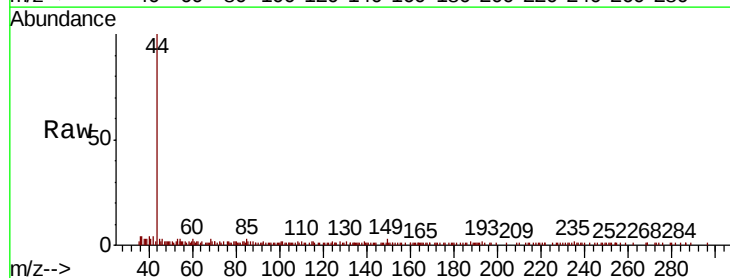
Instrument :
MSVOA_X
ClientSampleId :

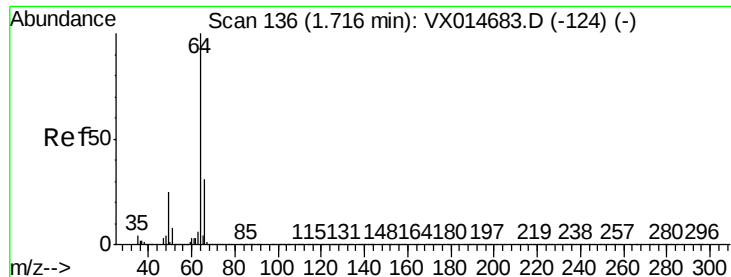
Tot Ion:168 Resp: 437720
Ion Ratio Lower Upper
168 100
99 53.4 39.8 59.6



#2
Dichlorodifluoromethane
Concen: 0.578 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014731.D
Acq: 27 Jan 2020 17:04

Tgt Ion: 85 Resp: 279
Ion Ratio Lower Upper
85 100
87 41.6 16.2 48.5





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

Instrument :

MSVOA_X

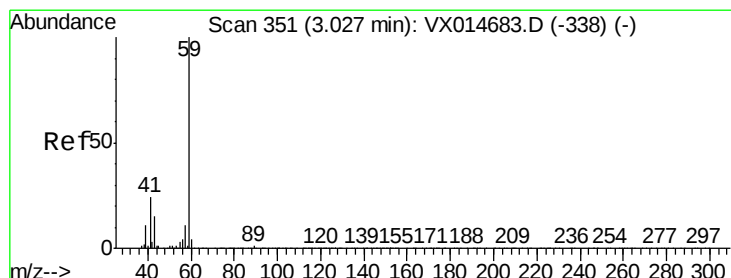
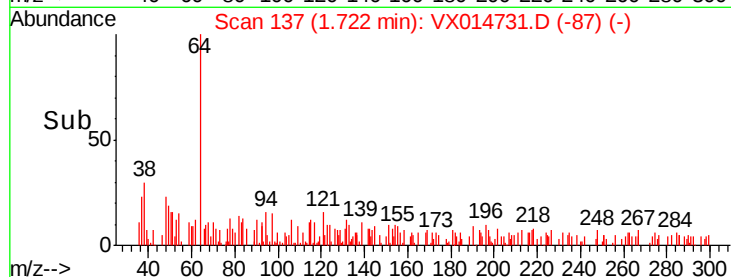
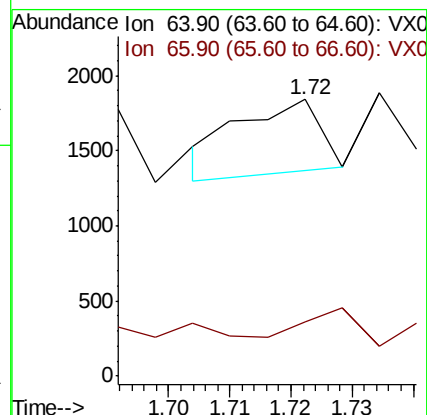
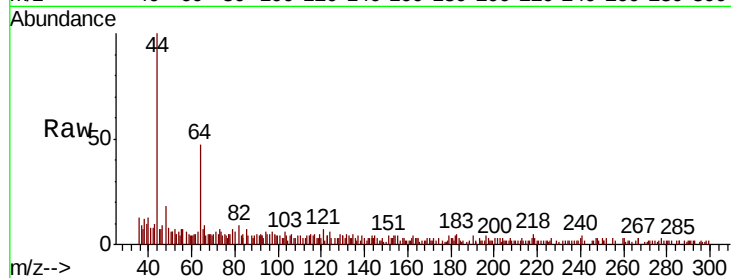
ClientSampleId :

Tot Ion: 64 Resp: 458

Ion Ratio Lower Upper

64 100

66 2.9 25.2 37.8#



#11

Tert butyl alcohol

Concen: 0.229 ug/l

RT: 3.06 min Scan# 357

Delta R.T. 0.04 min

Lab File: VX014731.D

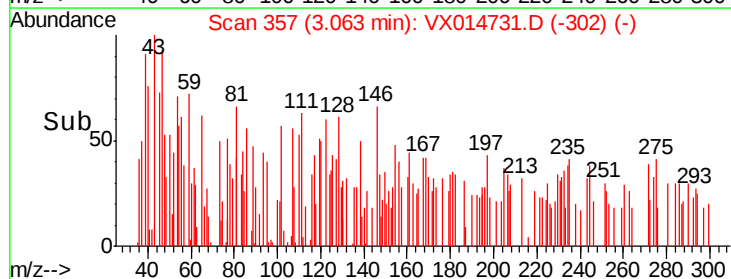
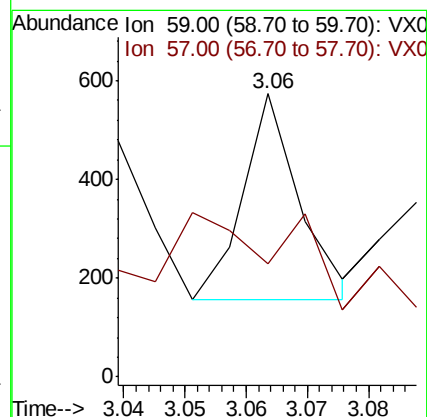
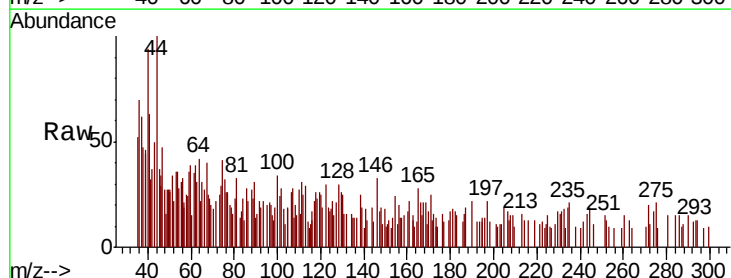
Acq: 27 Jan 2020 17:04

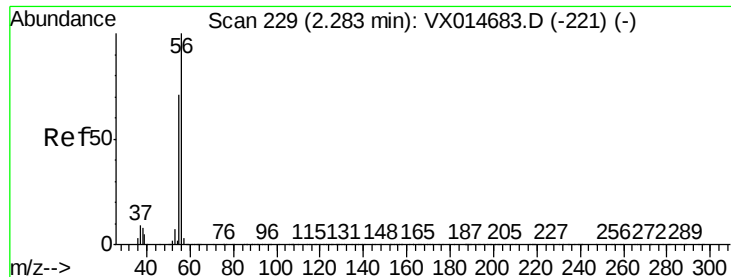
Tgt Ion: 59 Resp: 263

Ion Ratio Lower Upper

59 100

57 138.0 8.3 12.5#





#13

Acrolein

Concen: 1.006 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

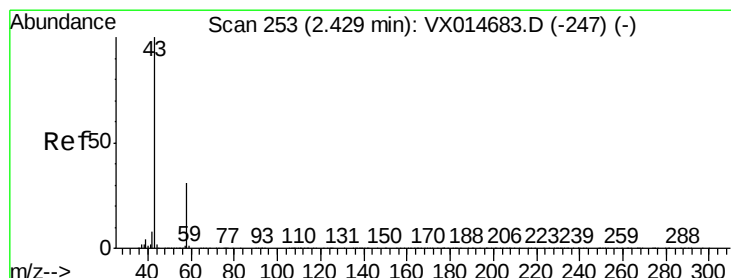
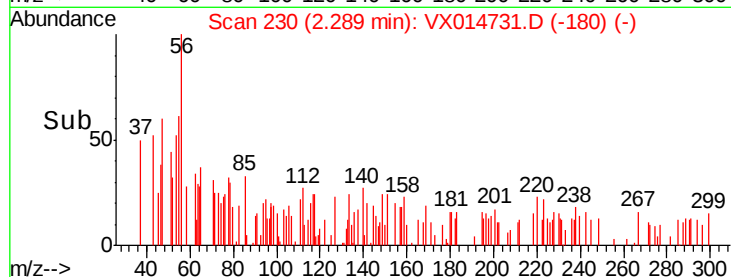
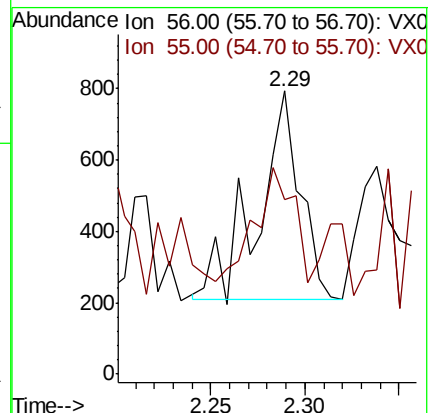
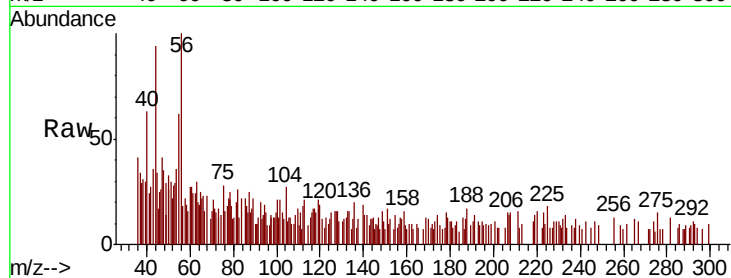
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 910

Ion Ratio Lower Upper

56 100

55 58.5 56.6 84.8



#16

Acetone

Concen: 20.021 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014731.D

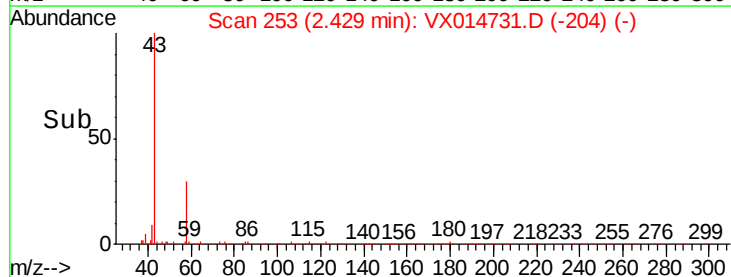
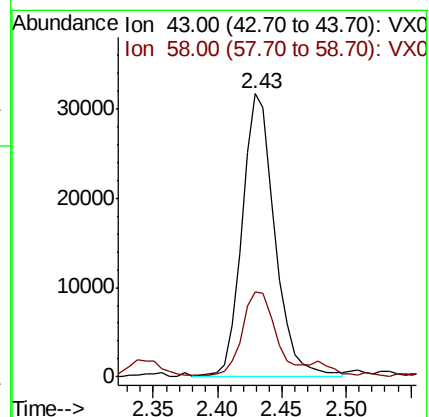
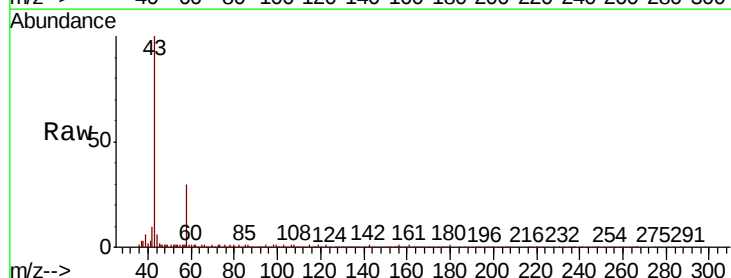
Acq: 27 Jan 2020 17:04

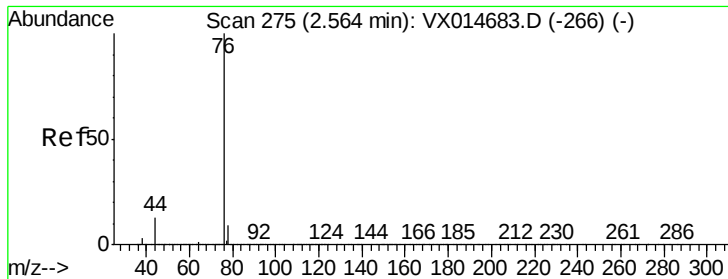
Tgt Ion: 43 Resp: 55700

Ion Ratio Lower Upper

43 100

58 29.1 24.5 36.7





#17

Carbon Disulfide

Concen: 0.215 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

Instrument :

MSVOA_X

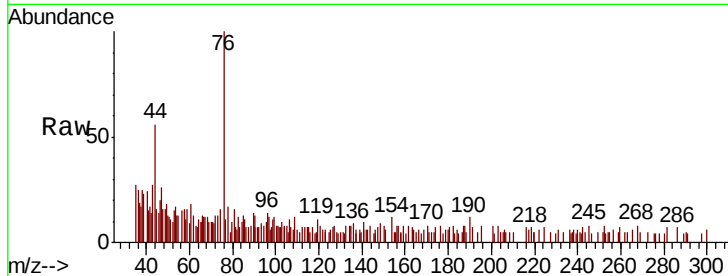
ClientSampleId :

Tot Ion: 76 Resp: 2555

Ion Ratio Lower Upper

76 100

78 2.4 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1500

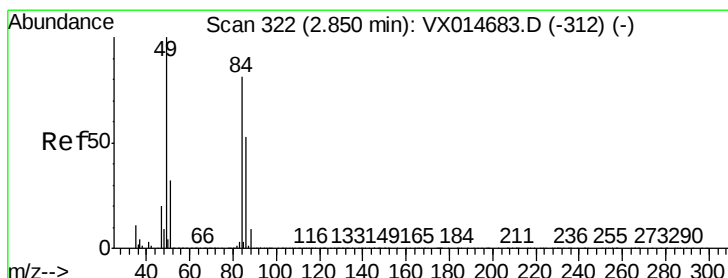
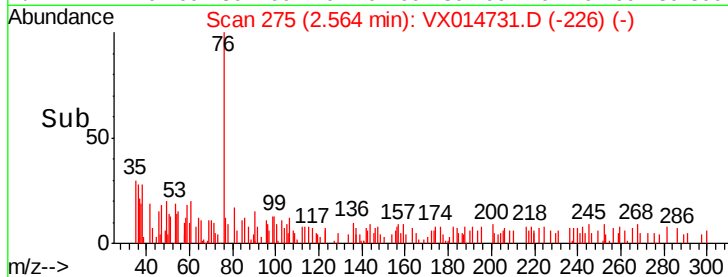
1000

500

0

2.50 2.55 2.60

Time-->



#20

Methylene Chloride

Concen: 2.754 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

Tgt Ion: 84 Resp: 14278

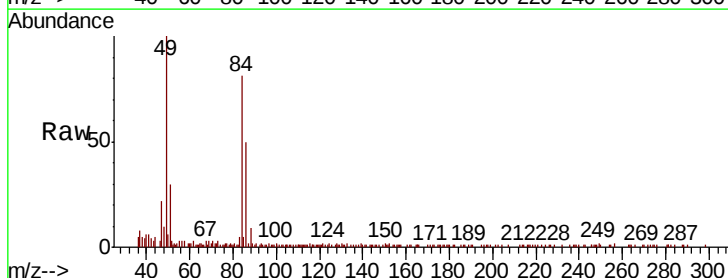
Ion Ratio Lower Upper

84 100

49 122.3 98.2 147.4

51 36.5 31.3 46.9

86 60.9 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

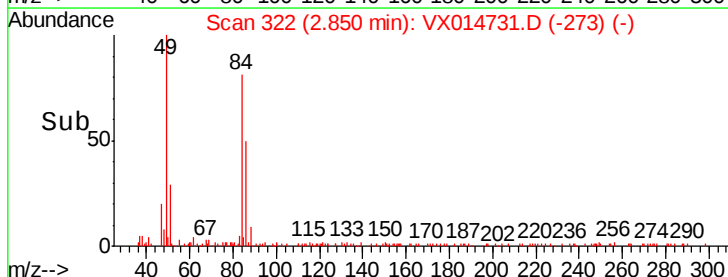
10000

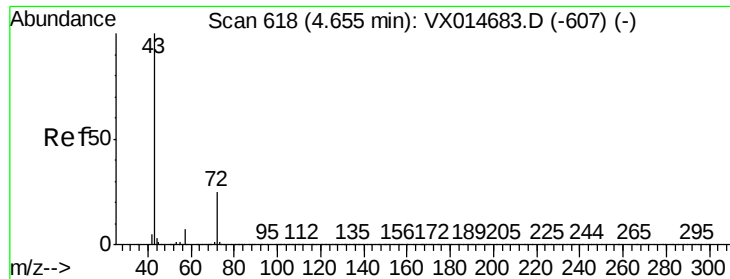
5000

0

2.80 2.85 2.90

Time-->





#25

2-Butanone

Concen: 3.298 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

Instrument :

MSVOA_X

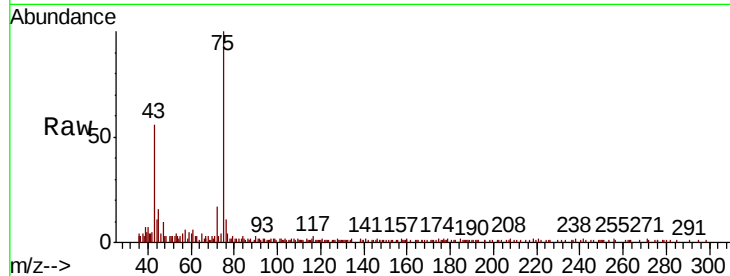
ClientSampled :

Tot Ion: 43 Resp: 13237

Ion Ratio Lower Upper

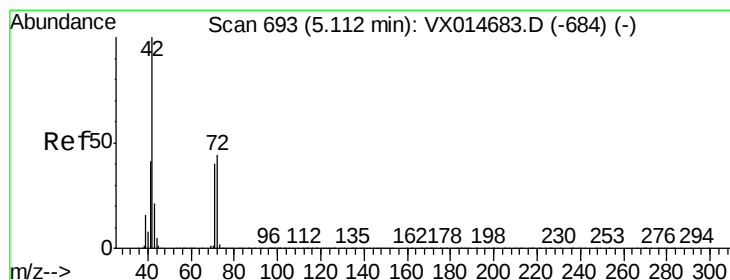
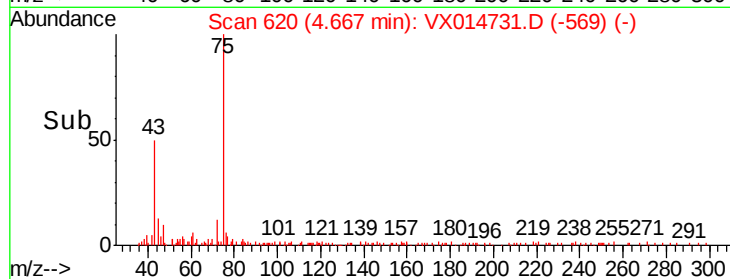
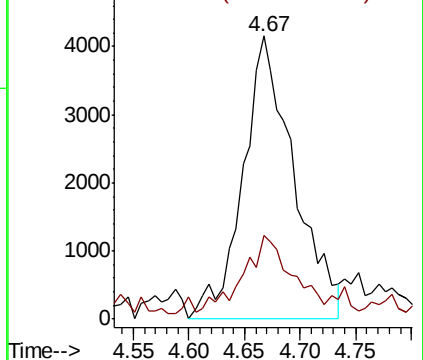
43 100

72 22.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.343 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

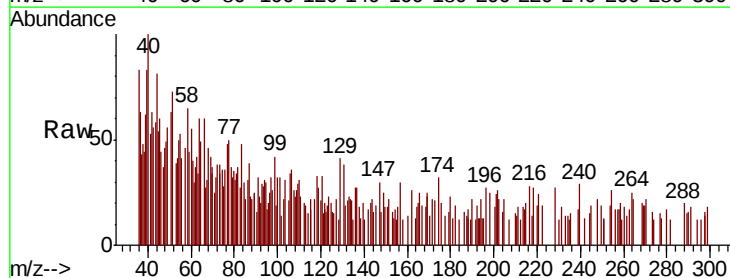
Tgt Ion: 42 Resp: 816

Ion Ratio Lower Upper

42 100

72 22.5 35.3 52.9#

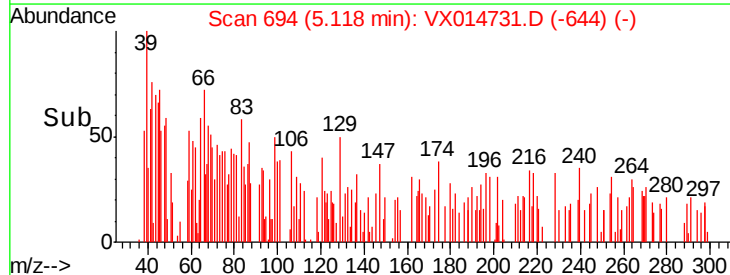
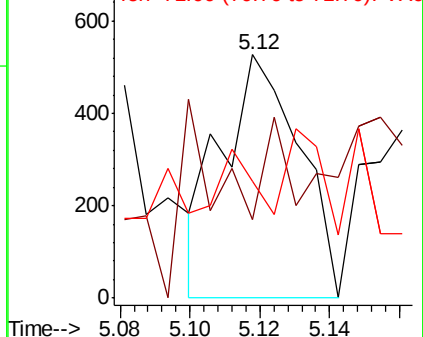
71 19.0 33.1 49.7#

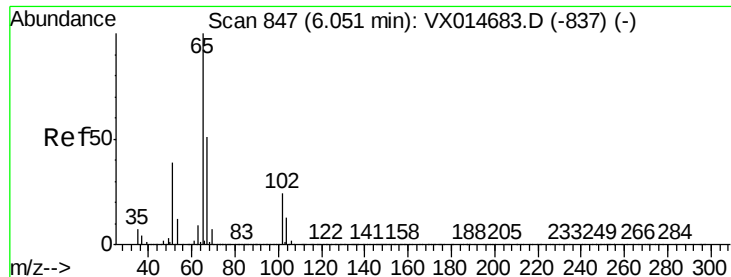


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

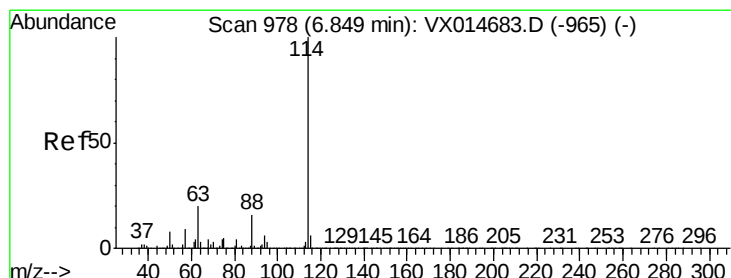
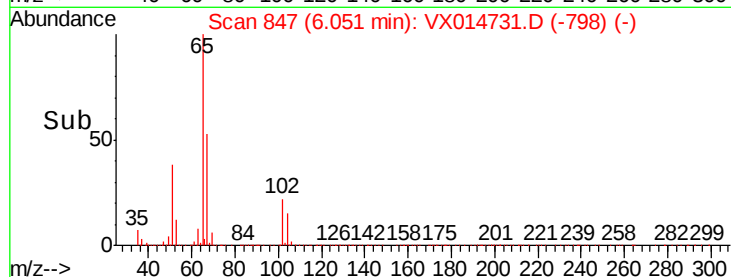
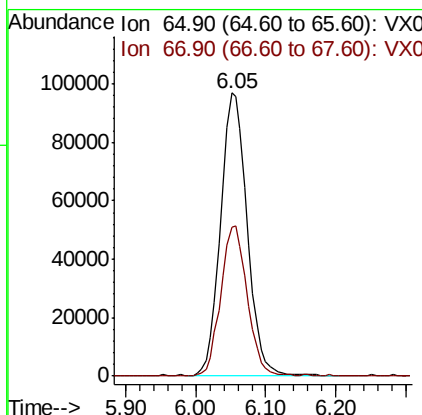
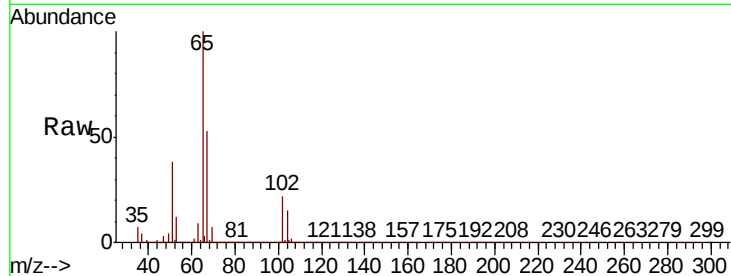




#33
 1,2-Dichloroethane-d4
 Concen: 49.879 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014731.D
 Acq: 27 Jan 2020 17:04

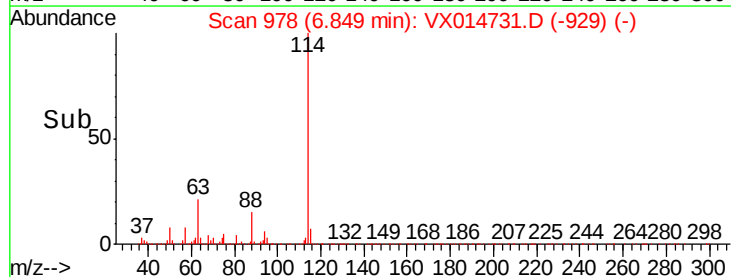
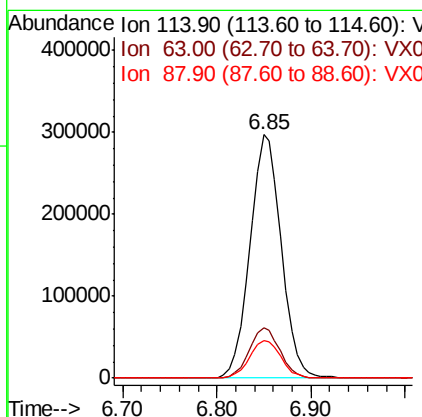
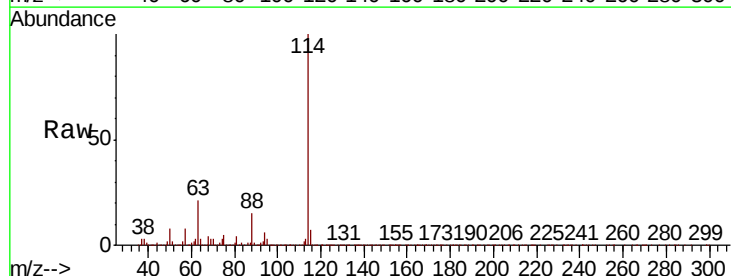
Instrument :
 MSVOA_X
 ClientSampled :

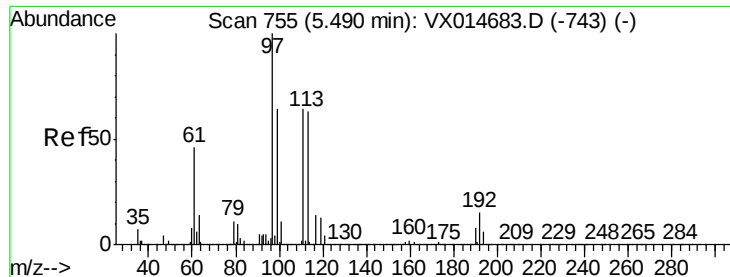
Tot Ion: 65 Resp: 254957
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014731.D
 Acq: 27 Jan 2020 17:04

Tgt Ion: 114 Resp: 692699
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.6
 88 15.3 0.0 31.2

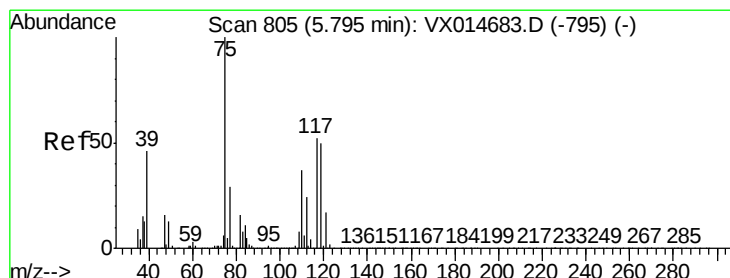
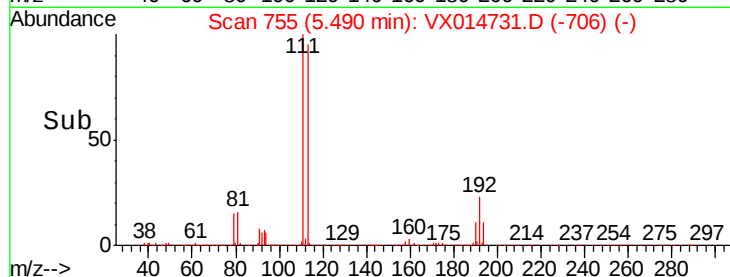
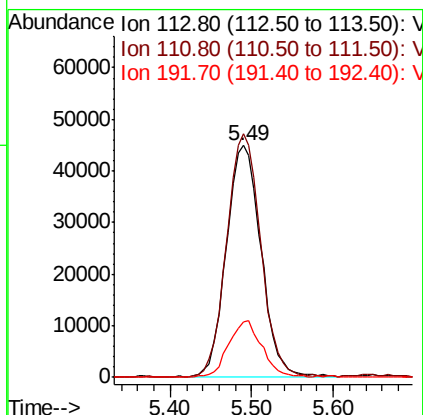
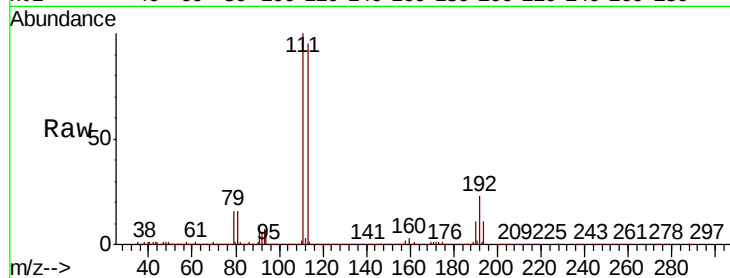




#35
 Dibromofluoromethane
 Concen: 30.034 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014731.D
 Acq: 27 Jan 2020 17:04

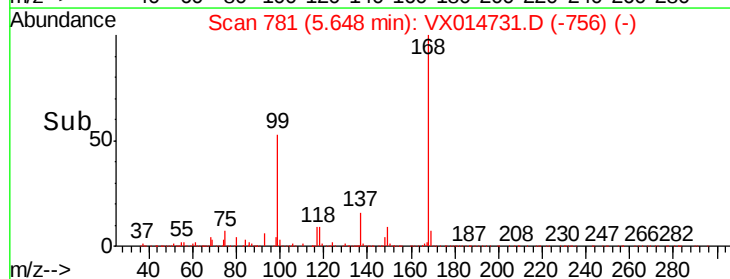
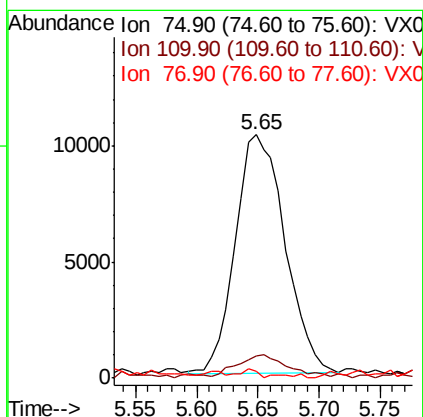
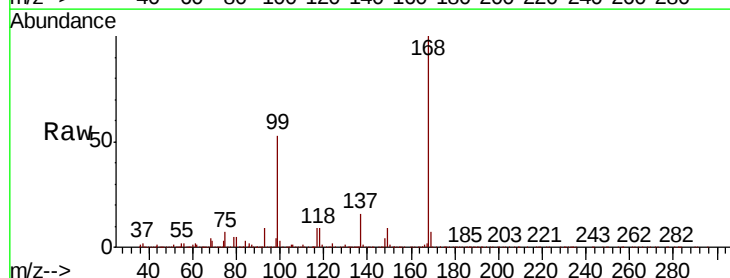
Instrument :
 MSVOA_X
 ClientSampleId :

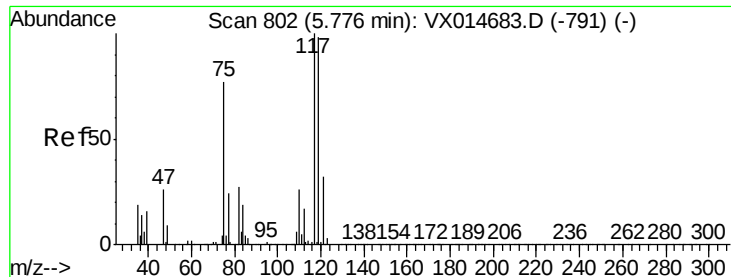
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.7	121.1
192	23.8	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.496 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX014731.D
 Acq: 27 Jan 2020 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.9	53.7#
77	1.3	24.1	36.1#





#38

Carbon Tetrachloride

Concen: 6.184 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

Instrument :

MSVOA_X

ClientSampleId :

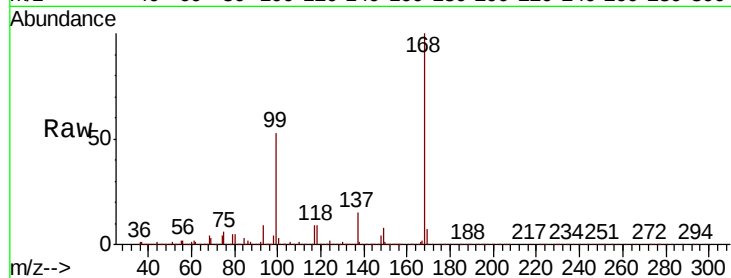
Tot Ion:117 Resp: 38013

Ion Ratio Lower Upper

117 100

119 3.9 77.9 116.9#

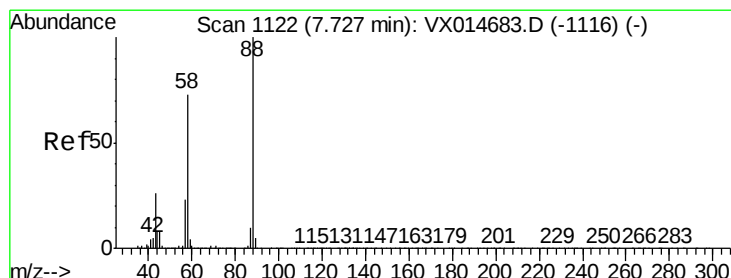
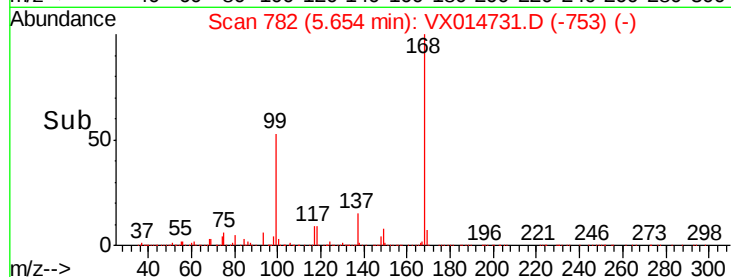
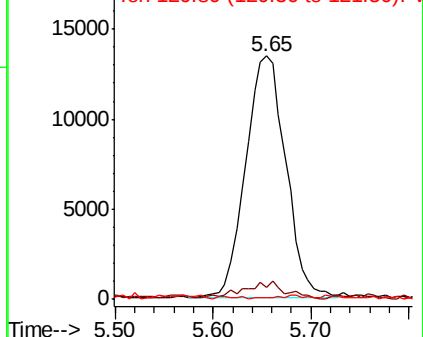
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 1.963 ug/l

RT: 7.70 min Scan# 1118

Delta R.T. -0.02 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

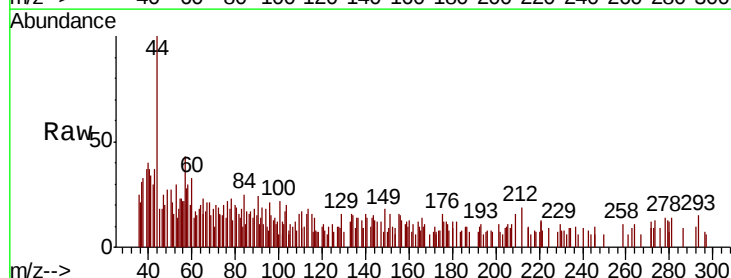
Tgt Ion: 88 Resp: 240

Ion Ratio Lower Upper

88 100

43 0.0 26.2 39.2#

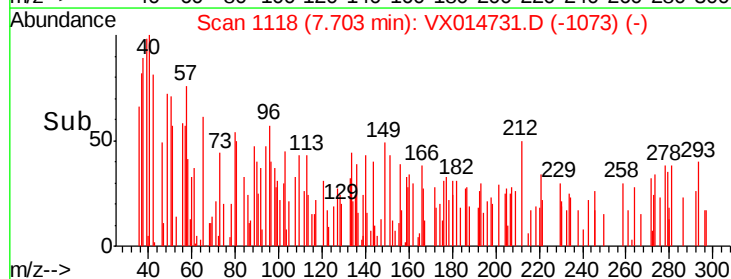
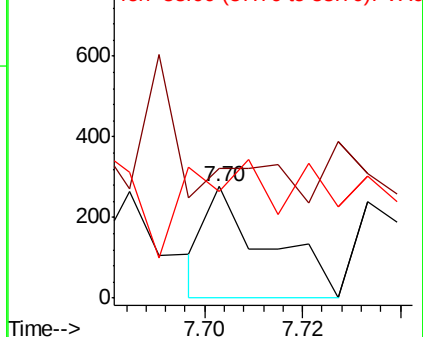
58 59.2 56.6 85.0

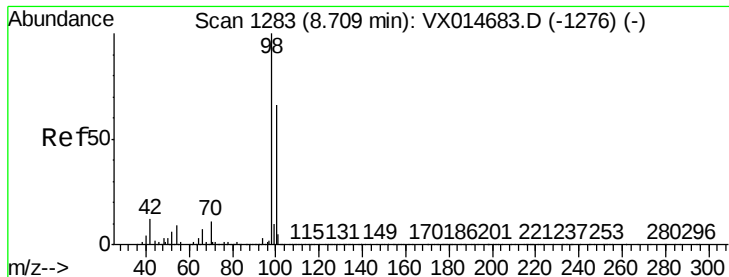


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.137 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

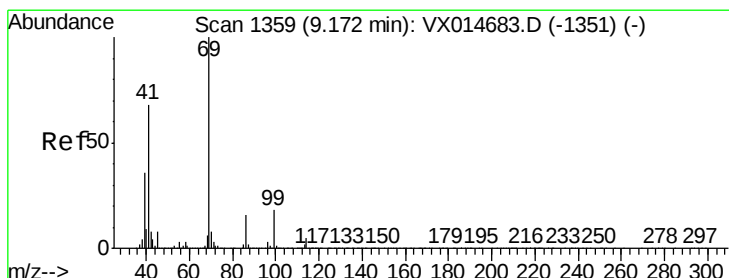
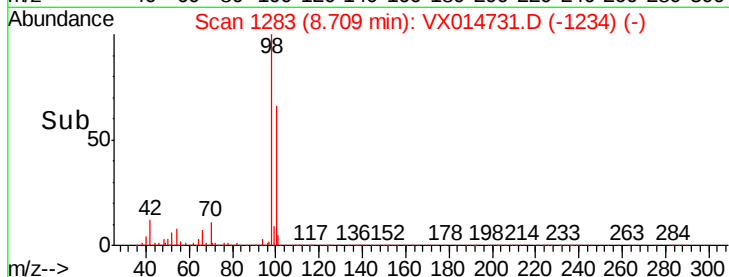
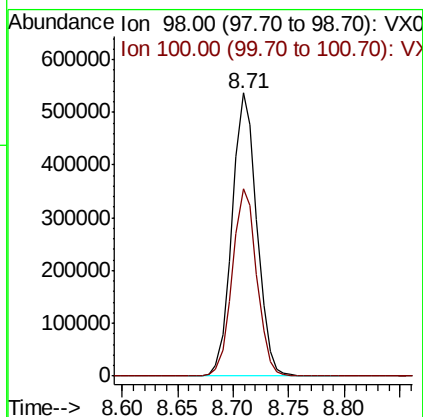
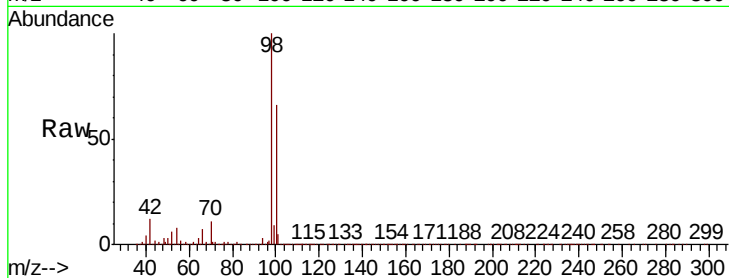
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 825665

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



#56

Ethyl methacrylate

Concen: 1.806 ug/l

RT: 9.18 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VX014731.D

Acq: 27 Jan 2020 17:04

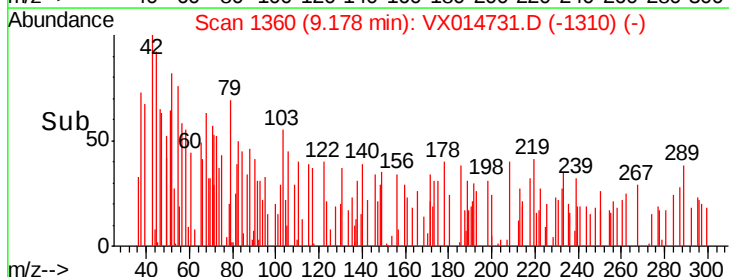
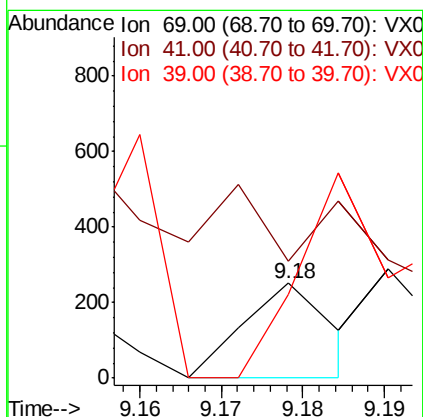
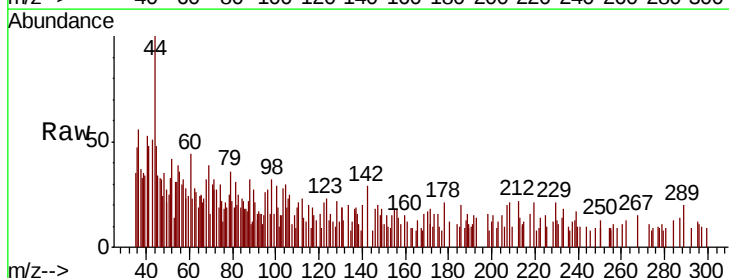
Tgt Ion: 69 Resp: 188

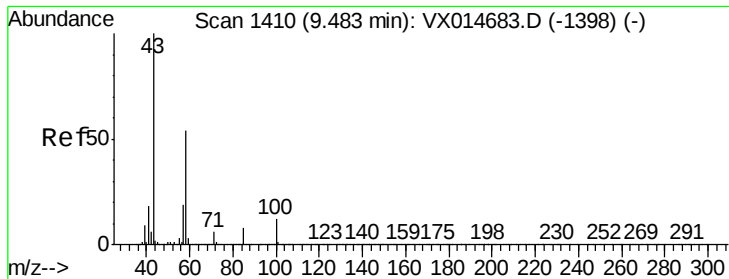
Ion Ratio Lower Upper

69 100

41 0.0 54.9 82.3#

39 329.3 29.3 43.9#

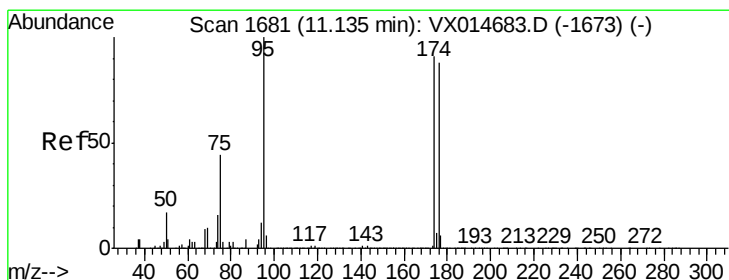
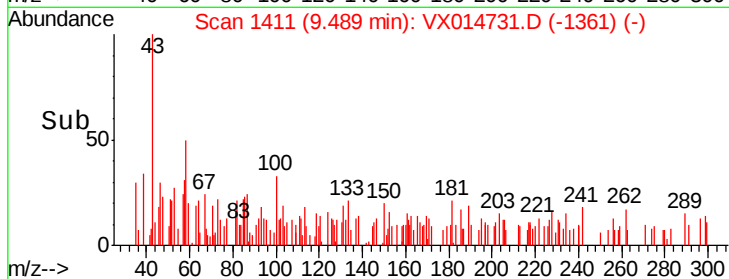
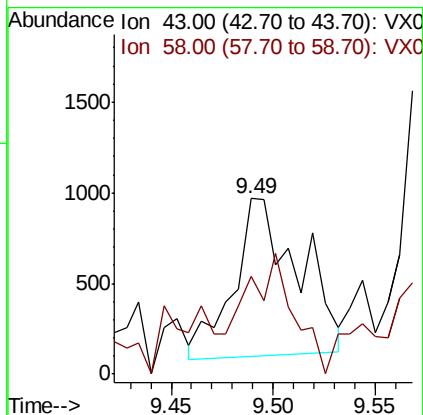
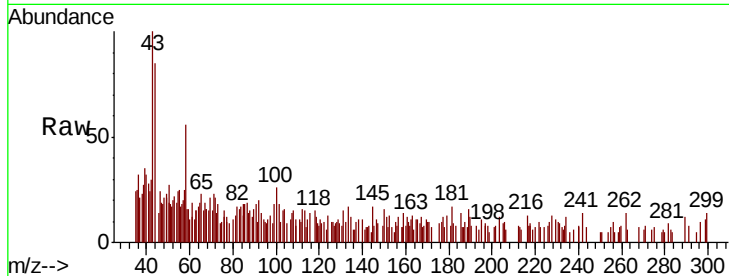




#59
2-Hexanone
Concen: 0.329 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014731.D
Acq: 27 Jan 2020 17:04

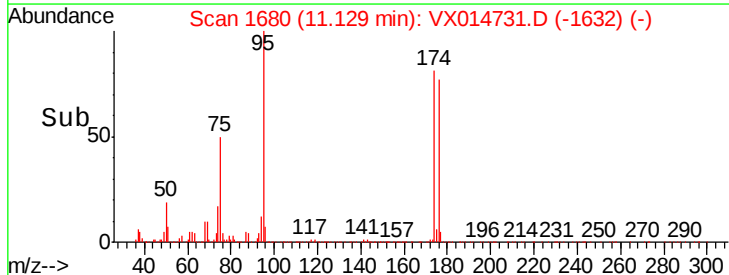
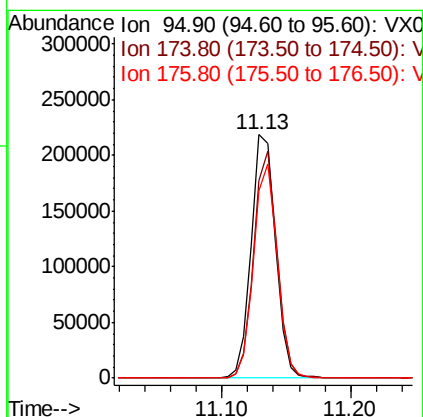
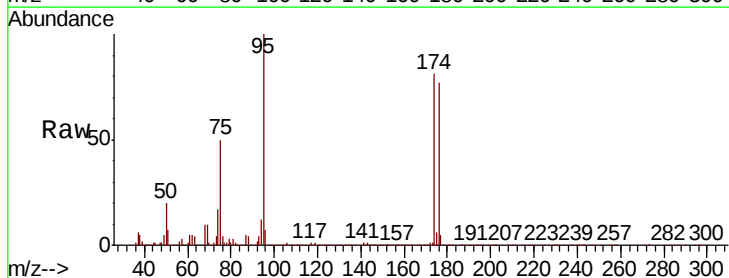
Instrument :
MSVOA_X
ClientSampleId :

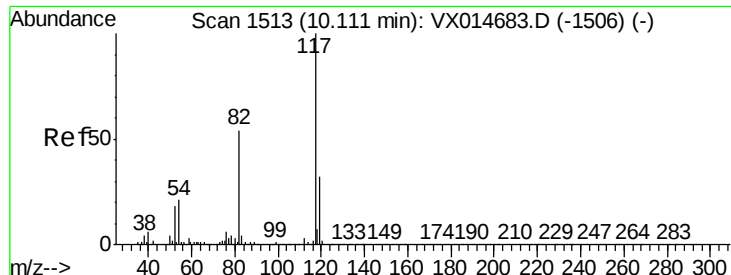
Tot Ion: 43 Resp: 1943
Ion Ratio Lower Upper
43 100
58 53.9 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014731.D
Acq: 27 Jan 2020 17:04

Tgt Ion: 95 Resp: 283610
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.0
176 85.3 0.0 172.2

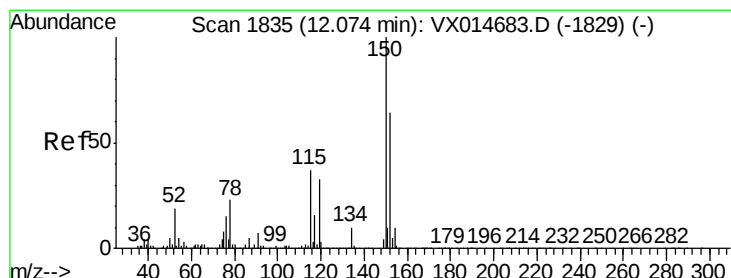
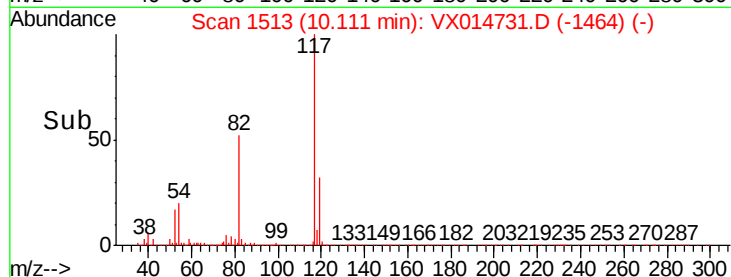
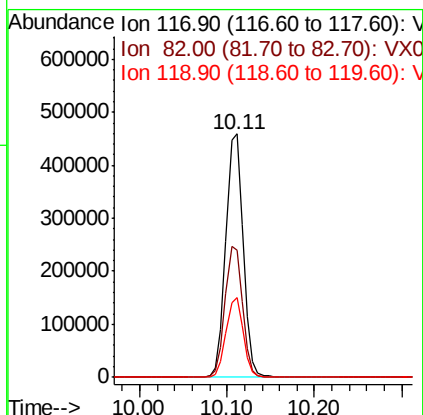
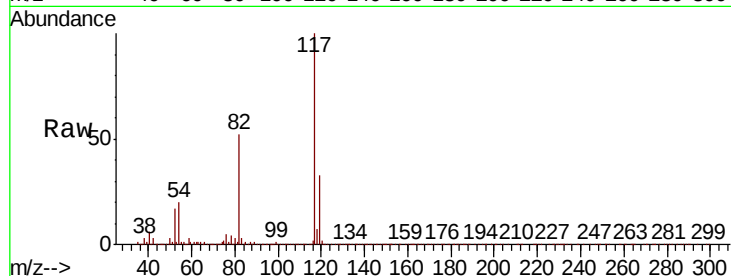




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014731.D
Acq: 27 Jan 2020 17:04

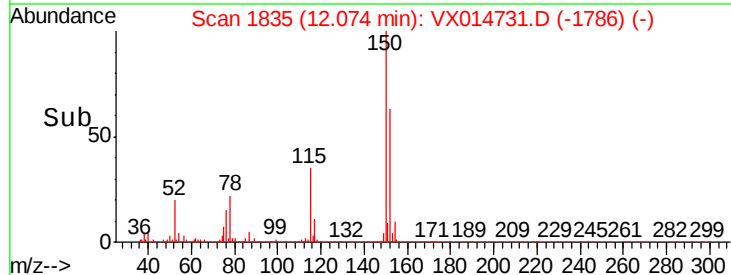
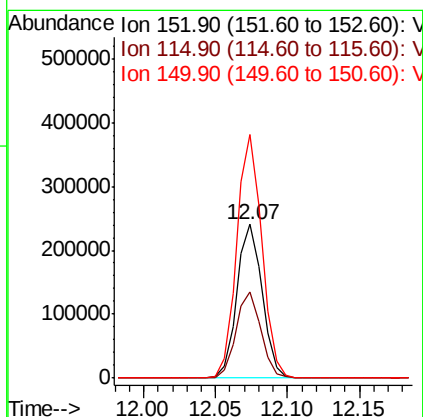
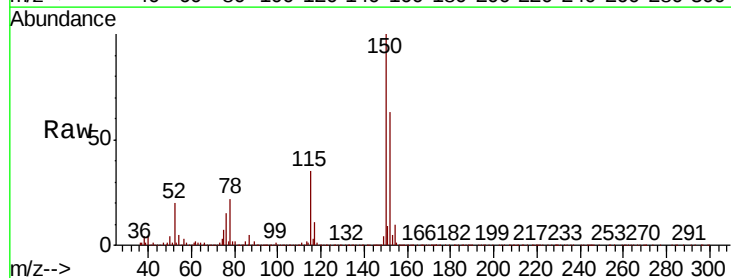
Instrument :
MSVOA_X
ClientSampleId :

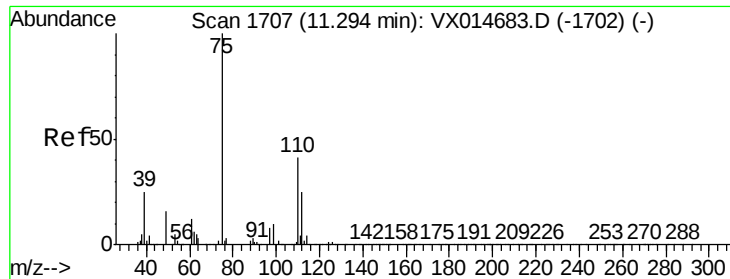
Tot Ion:117 Resp: 631463
Ion Ratio Lower Upper
117 100
82 52.5 43.2 64.8
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014731.D
Acq: 27 Jan 2020 17:04

Tgt Ion:152 Resp: 295800
Ion Ratio Lower Upper
152 100
115 55.4 39.4 118.1
150 156.7 0.0 351.2

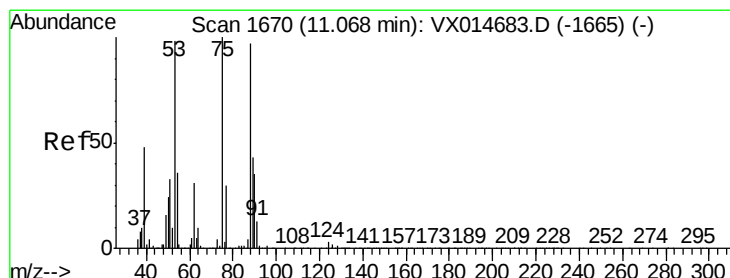
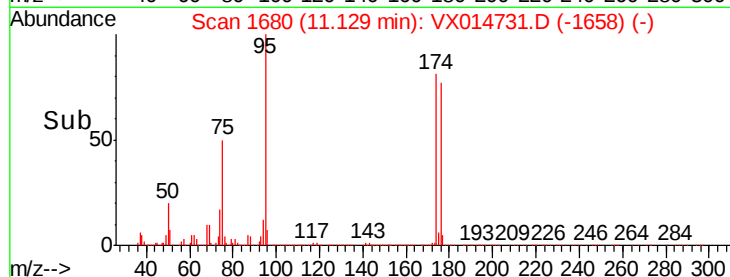
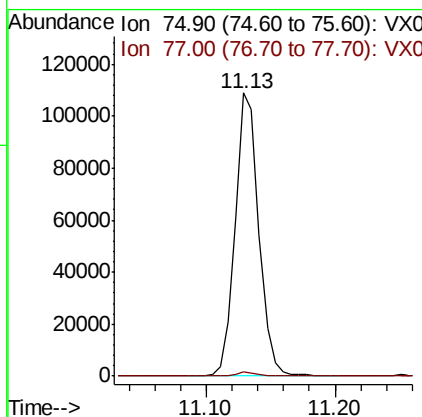
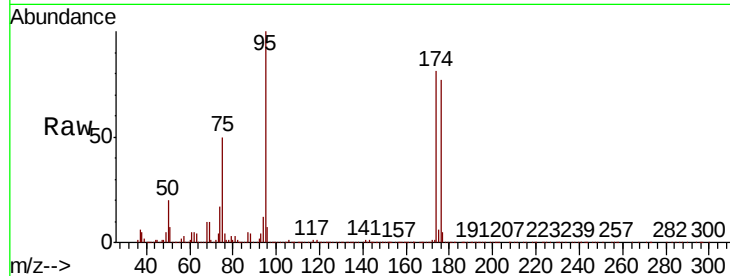




#76
 1,2,3-Trichloropropane
 Concen: 20.119 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX014731.D
 Acq: 27 Jan 2020 17:04

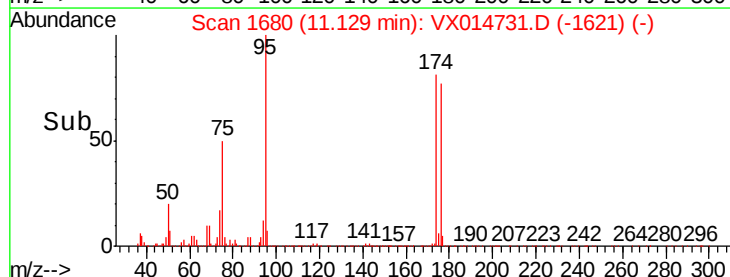
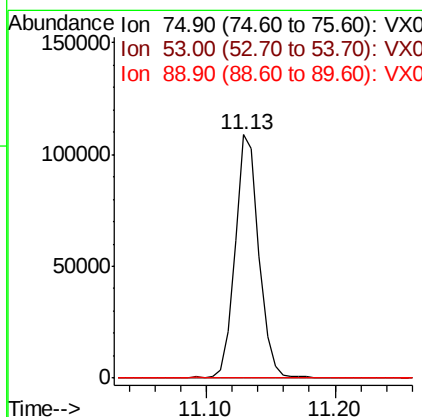
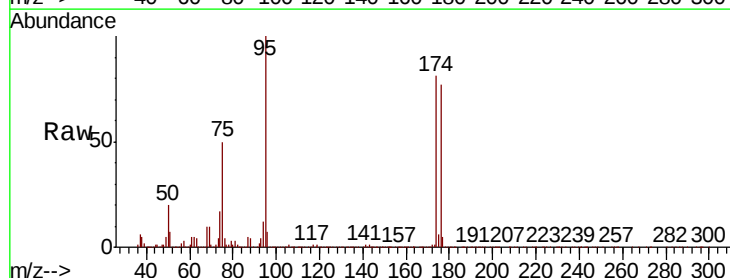
Instrument :
 MSVOA_X
 ClientSampleId :

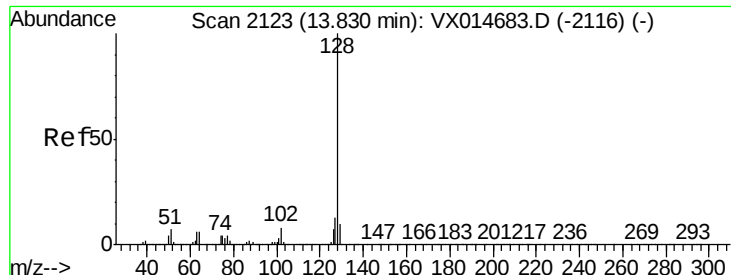
Tot Ion: 75 Resp: 138460
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.7 56.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.255 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX014731.D
 Acq: 27 Jan 2020 17:04

Tgt Ion: 75 Resp: 138460
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.8 118.2#
 89 0.1 35.4 53.0#





#95
Naphthalene
Concen: 1.067 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014731.D
Acq: 27 Jan 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	27.5	10.3	15.5#
129	14.5	8.6	12.8#

