

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015207.D
 Acq On : 15 Apr 2020 17:31
 Operator : SY/VA
 Sample : L2244-01
 Misc : 6.72G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 16 04:25:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:44:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	465822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	155569	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	153152	58.66	ug/l	0.00
Spiked Amount			Recovery	=	117.32%	
35) Dibromofluoromethane	7.88	113	156988	60.94	ug/l	0.00
Spiked Amount			Recovery	=	121.88%	
50) Toluene-d8	10.32	98	621445	59.39	ug/l	0.00
Spiked Amount			Recovery	=	118.78%	
62) 4-Bromofluorobenzene	12.62	95	198605	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	

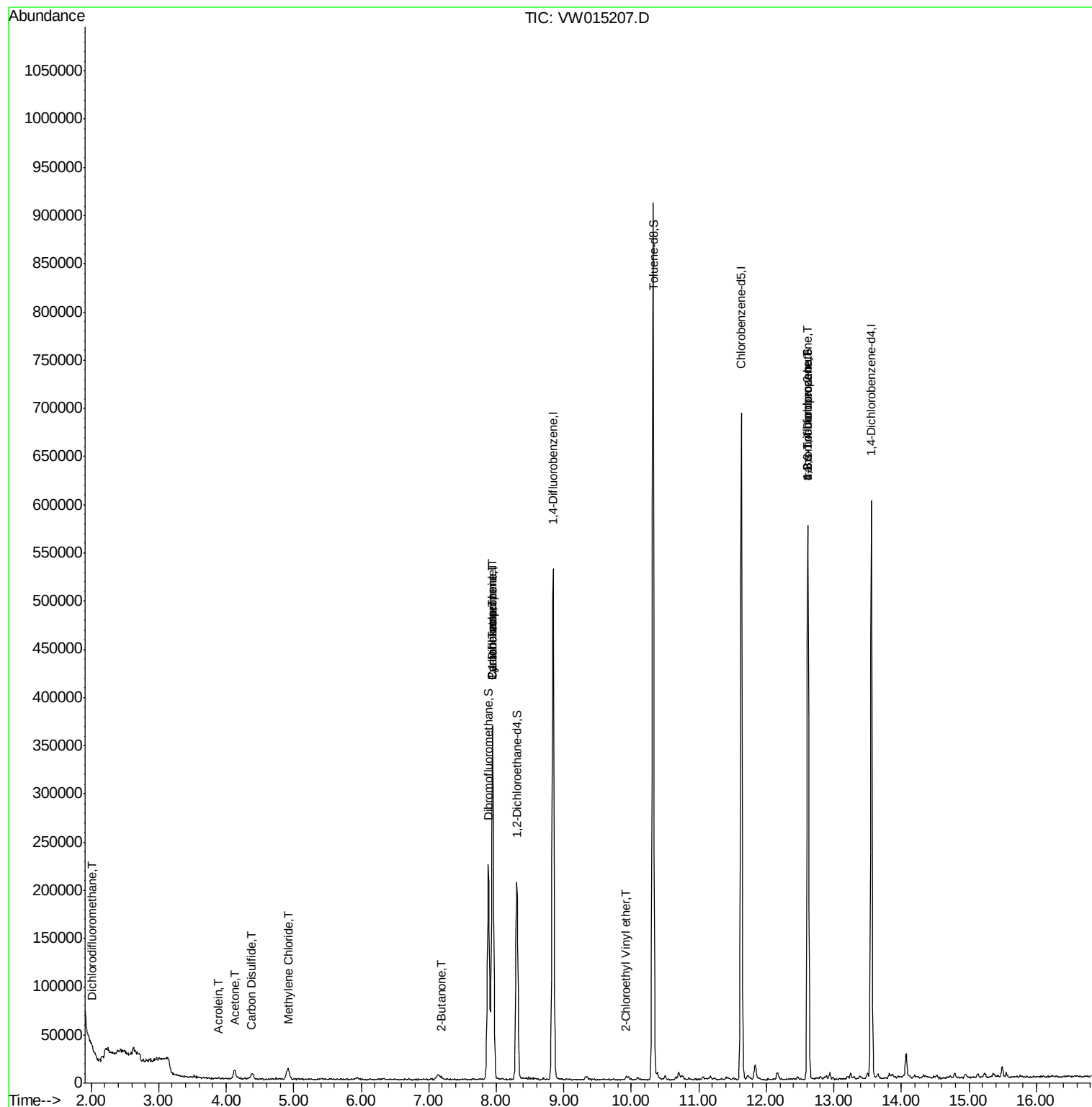
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	84	2.180	ug/l #	48
13) Acrolein	3.89	56	268	1.330	ug/l #	47
16) Acetone	4.12	43	17805	38.286	ug/l	93
17) Carbon Disulfide	4.37	76	9818	1.121	ug/l #	88
20) Methylene Chloride	4.92	84	9025	2.802	ug/l	94
25) 2-Butanone	7.18	43	5652	7.595	ug/l #	82
31) Cyclohexane	7.95	56	6975	1.278	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	21241	5.104	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26932	7.039	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.92	63	1547	1.102	ug/l #	64
76) 1,2,3-Trichloropropane	12.62	75	96241	72.268	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	96241	139.820	ug/l #	15

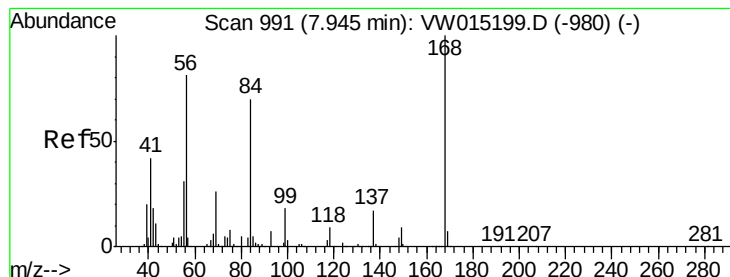
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015207.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_W

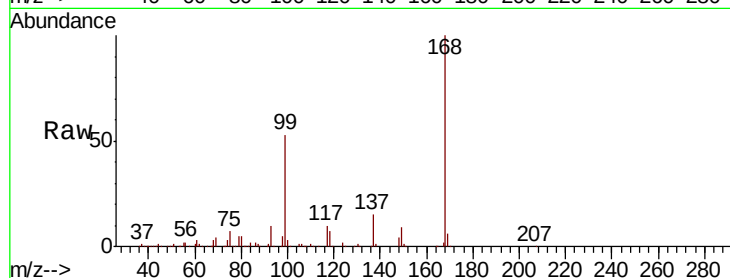
ClientSampleId :

Tot Ion:168 Resp: 276134

Ion Ratio Lower Upper

168 100

99 53.4 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

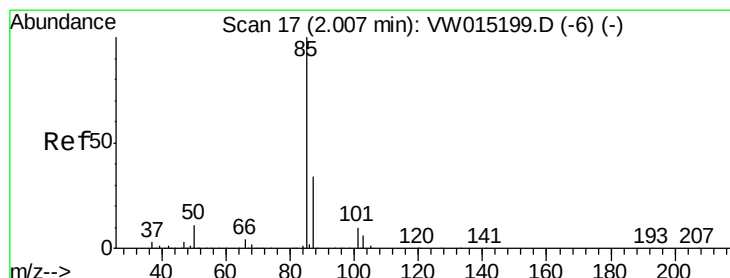
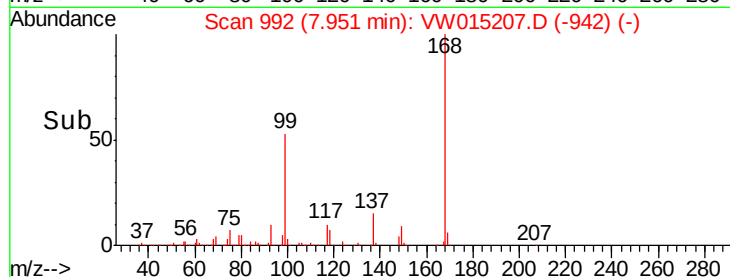
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.180 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW015207.D

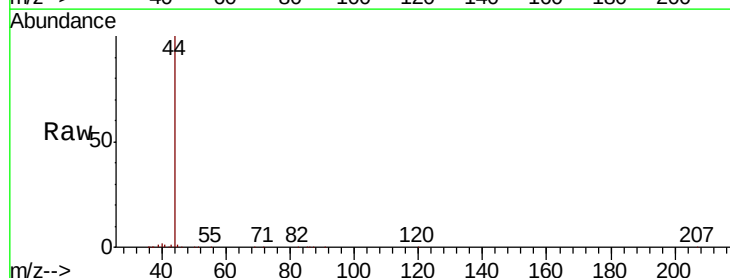
Acq: 15 Apr 2020 17:31

Tgt Ion: 85 Resp: 84

Ion Ratio Lower Upper

85 100

87 64.1 17.2 51.6#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

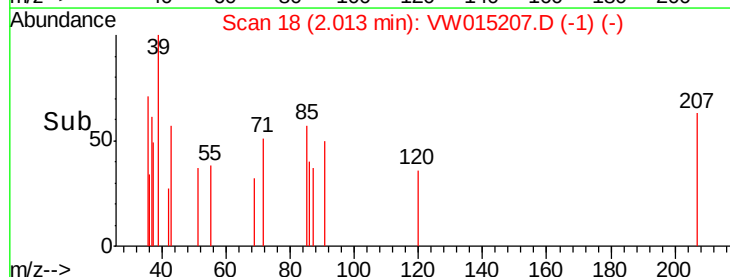
150

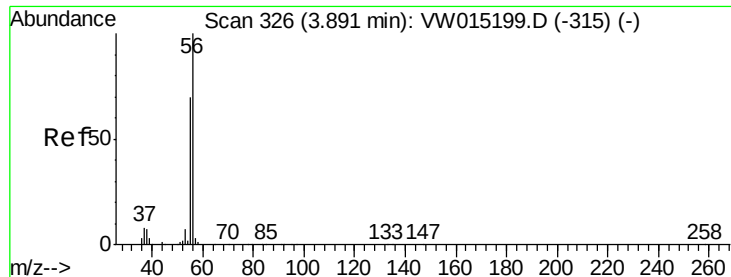
100

50

0

Time-->





#13

Acrolein

Concen: 1.330 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW015207.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_W

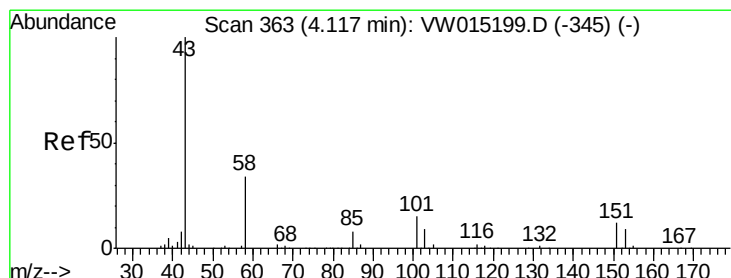
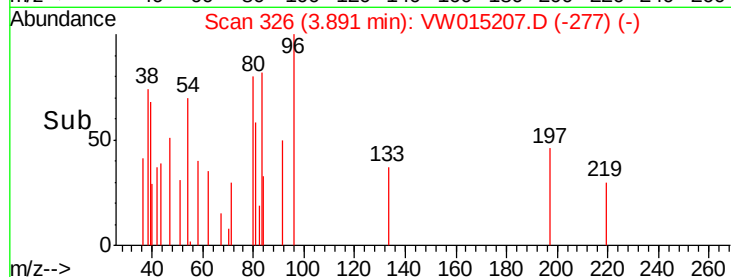
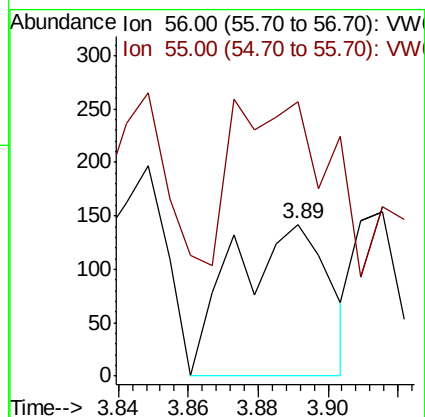
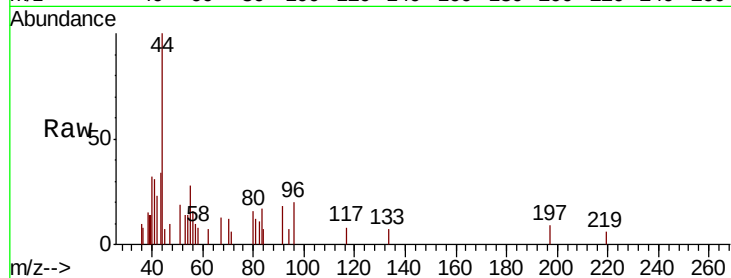
ClientSampled :

Tot Ion: 56 Resp: 268

Ion Ratio Lower Upper

56 100

55 113.4 56.2 84.2#



#16

Acetone

Concen: 38.286 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW015207.D

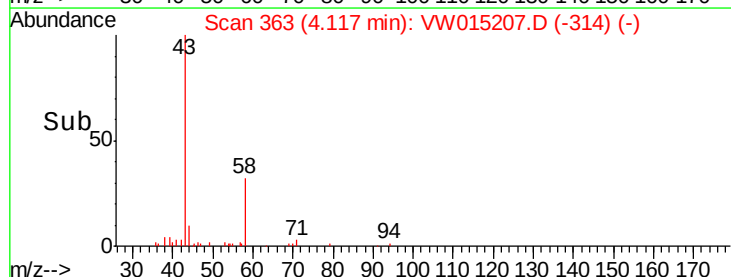
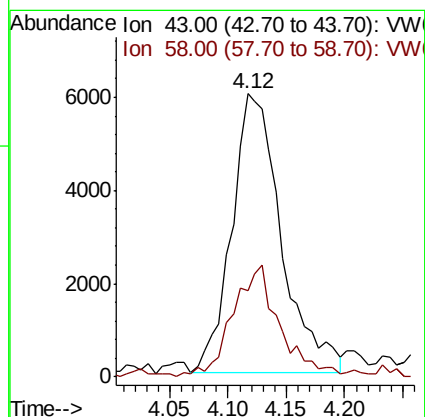
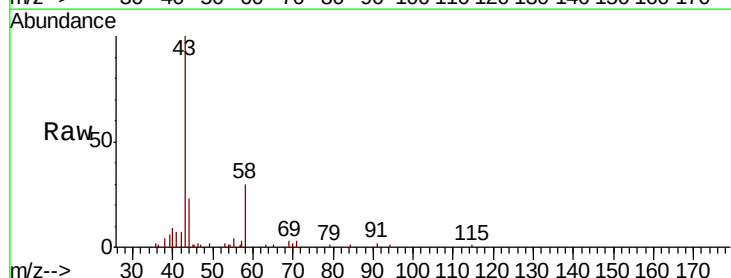
Acq: 15 Apr 2020 17:31

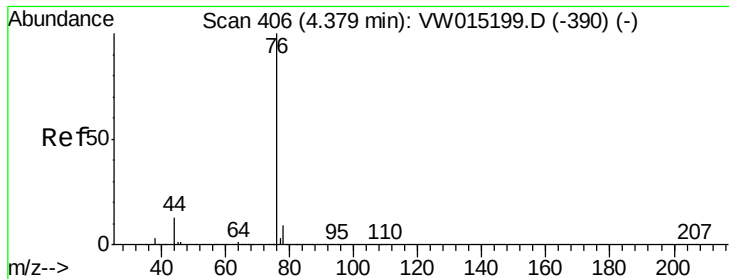
Tgt Ion: 43 Resp: 17805

Ion Ratio Lower Upper

43 100

58 29.8 27.0 40.4





#17

Carbon Disulfide

Concen: 1.121 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW015207.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_W

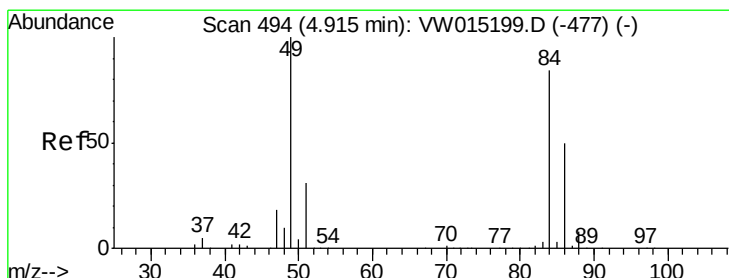
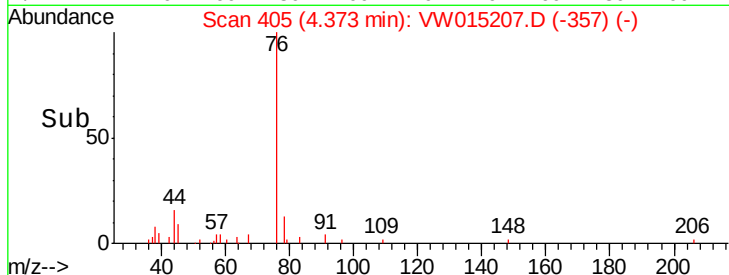
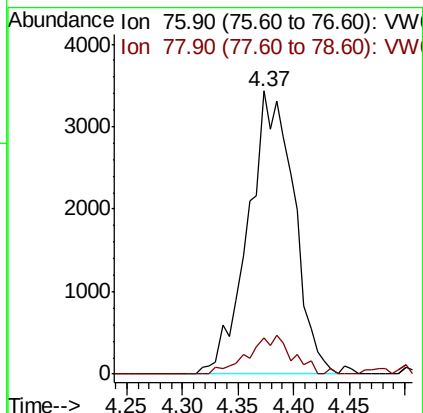
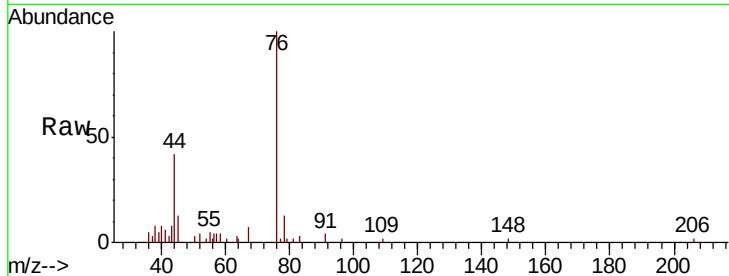
ClientSampleId :

Tot Ion: 76 Resp: 9818

Ion Ratio Lower Upper

76 100

78 13.0 7.0 10.6#



#20

Methylene Chloride

Concen: 2.802 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW015207.D

Acq: 15 Apr 2020 17:31

Tgt Ion: 84 Resp: 9025

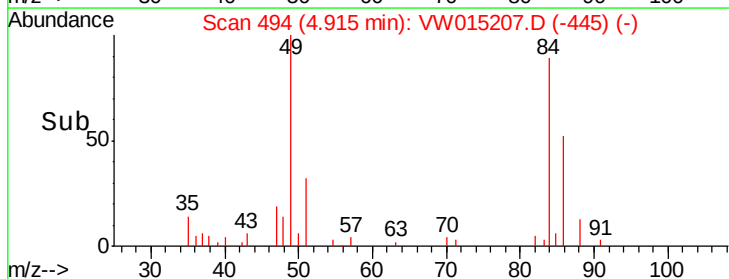
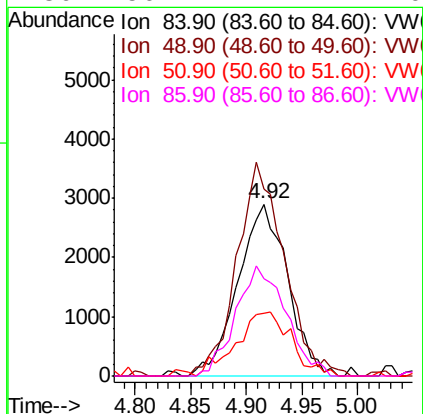
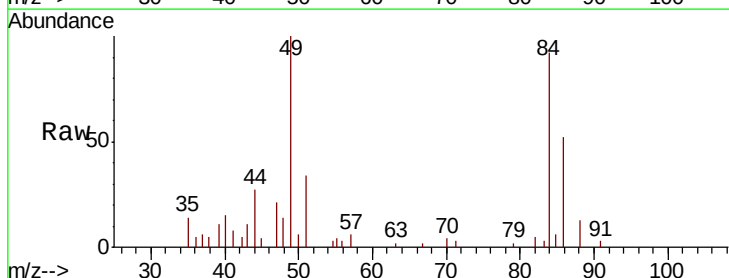
Ion Ratio Lower Upper

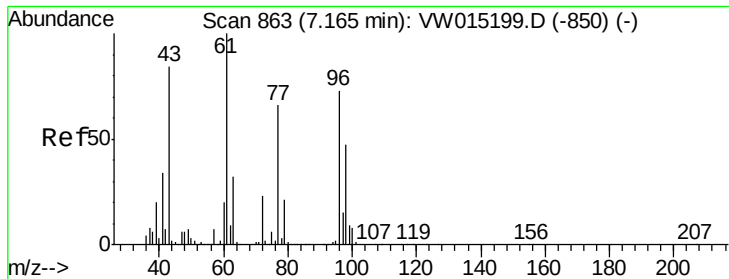
84 100

49 109.1 95.4 143.0

51 36.8 29.8 44.8

86 56.4 47.4 71.0





#25

2-Butanone

Concen: 7.595 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW015207.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_W

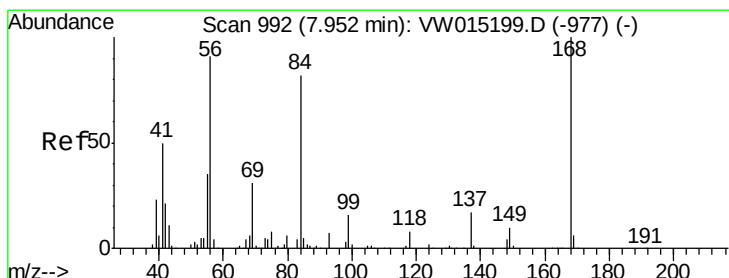
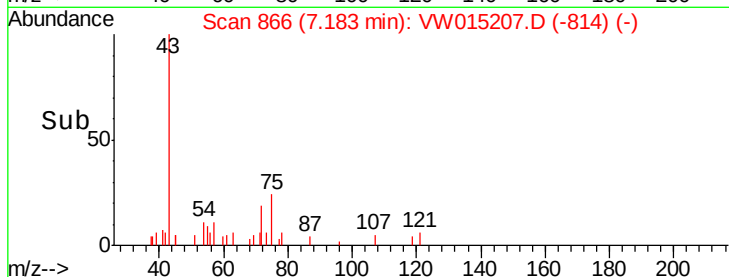
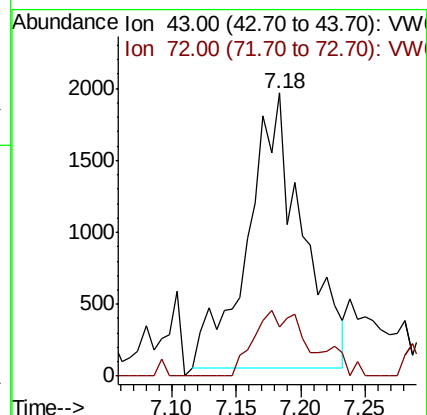
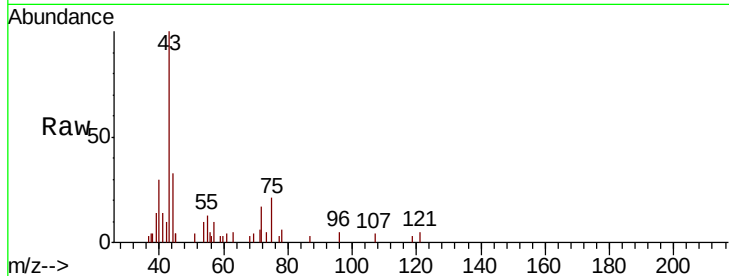
ClientSampled :

Tot Ion: 43 Resp: 5652

Ion Ratio Lower Upper

43 100

72 17.9 21.6 32.4#



#31

Cyclohexane

Concen: 1.278 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015207.D

Acq: 15 Apr 2020 17:31

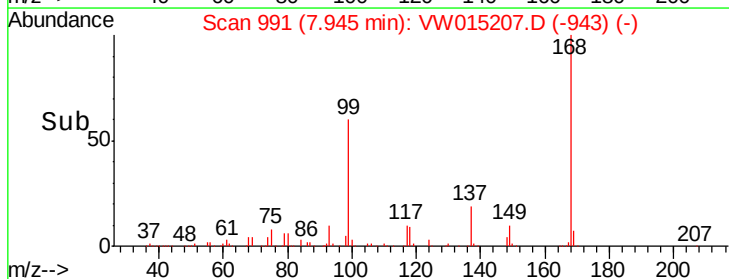
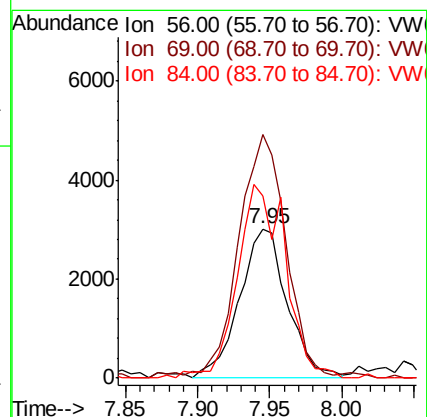
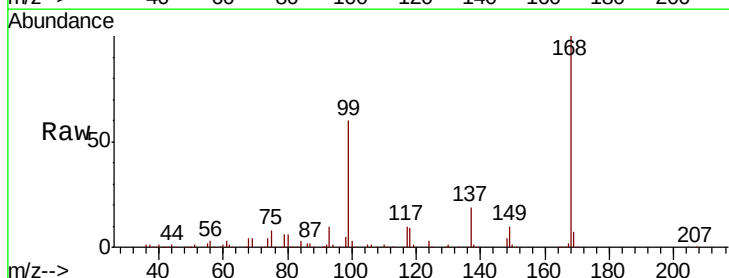
Tgt Ion: 56 Resp: 6975

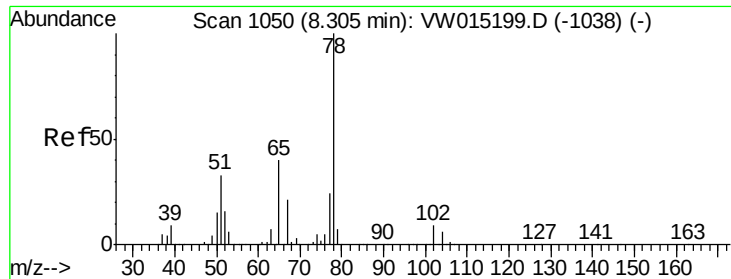
Ion Ratio Lower Upper

56 100

69 160.3 27.1 40.7#

84 122.6 71.9 107.9#

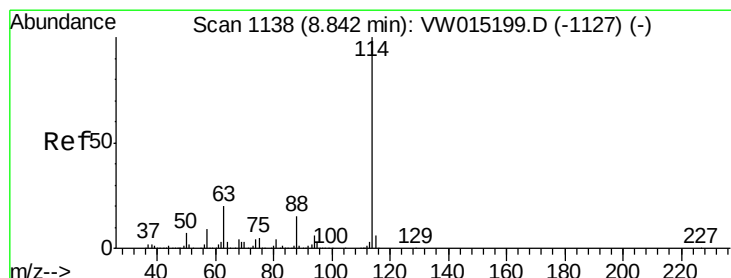
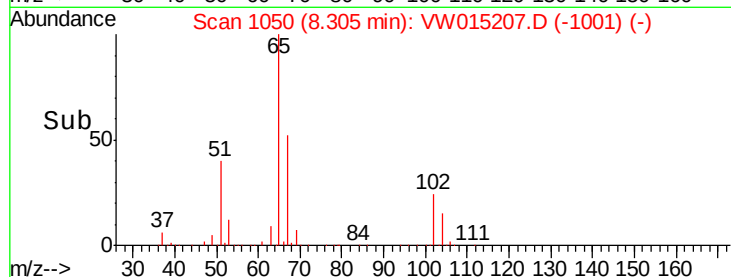
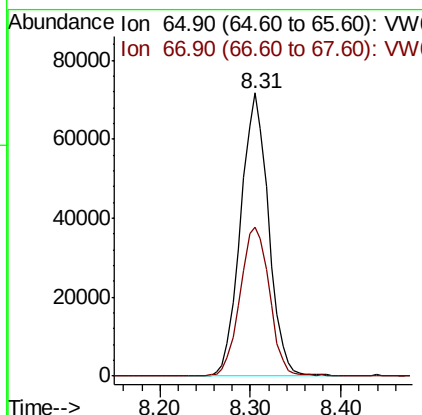
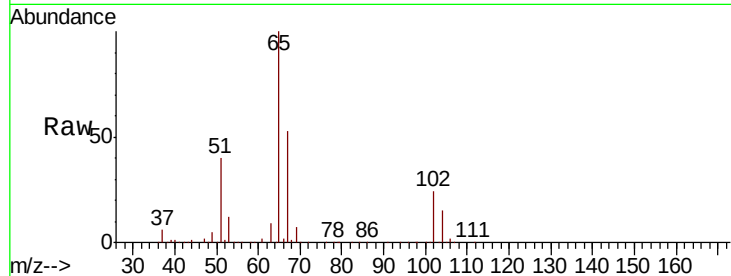




#33
 1,2-Dichloroethane-d4
 Concen: 58.655 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015207.D
 Acq: 15 Apr 2020 17:31

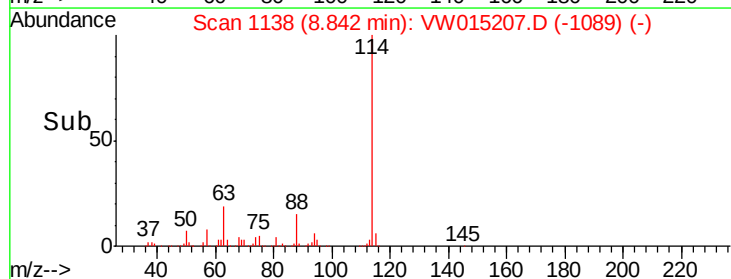
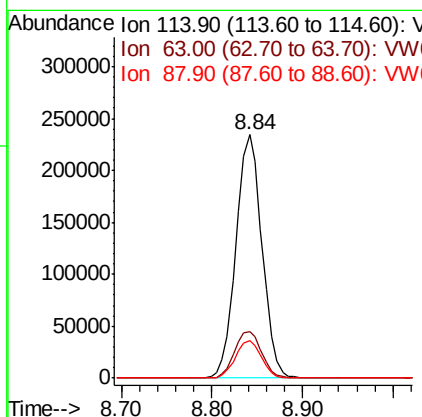
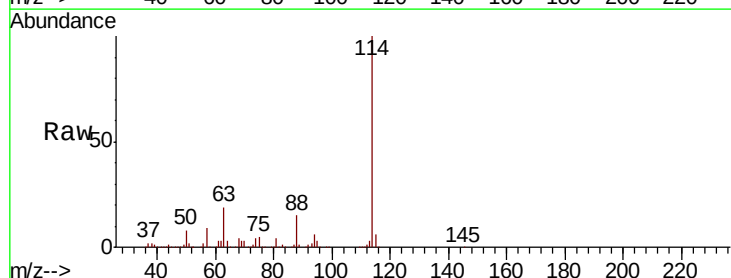
Instrument :
 MSVOA_W
 ClientSampled :

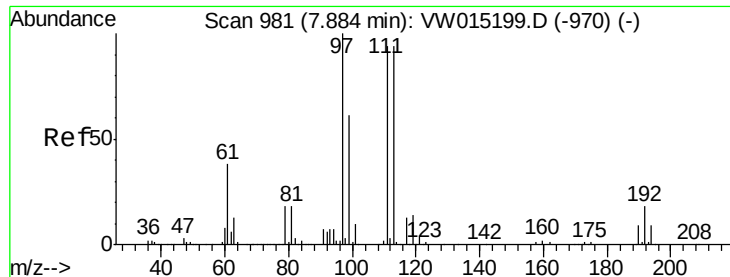
Tot Ion: 65 Resp: 153152
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015207.D
 Acq: 15 Apr 2020 17:31

Tgt Ion: 114 Resp: 465822
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.5 0.0 30.2

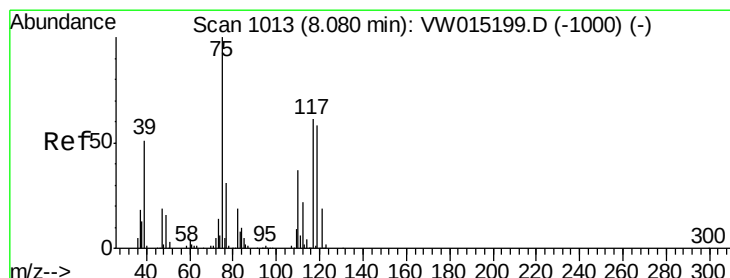
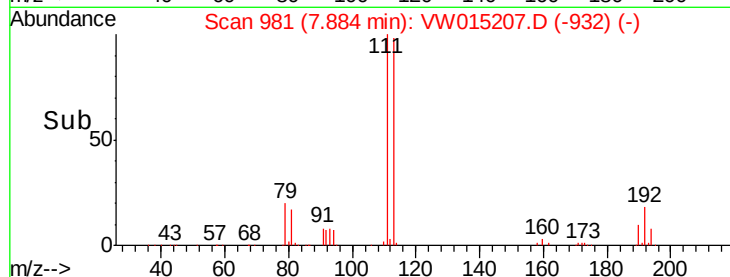
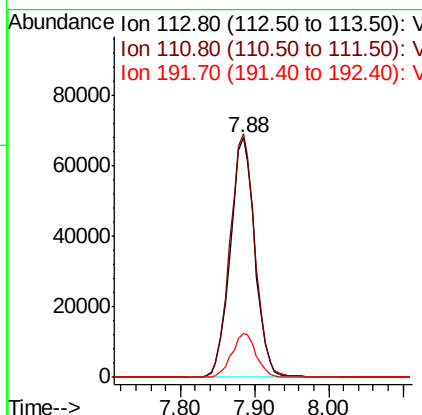
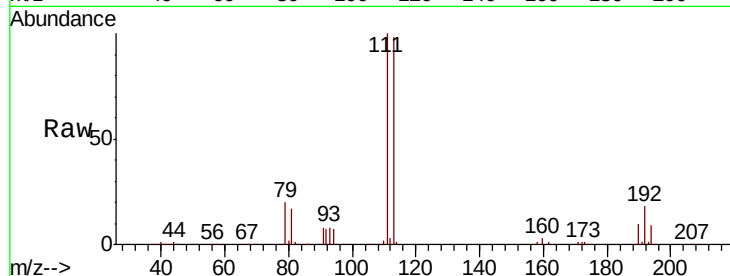




#35
 Dibromofluoromethane
 Concen: 60.942 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015207.D
 Acq: 15 Apr 2020 17:31

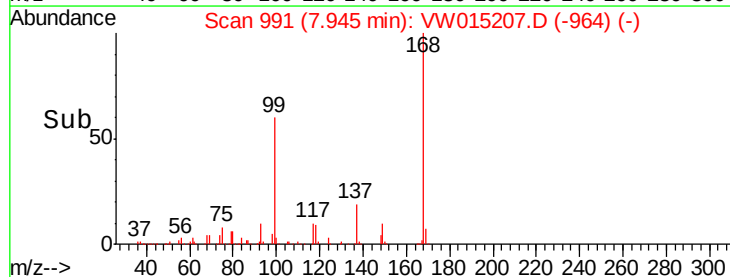
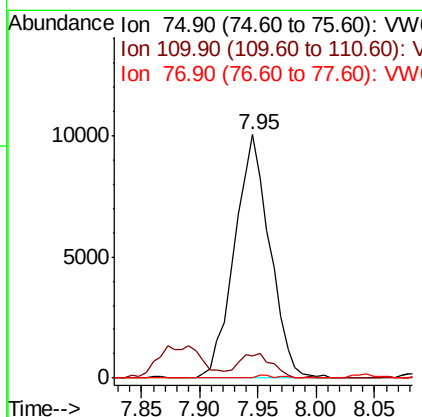
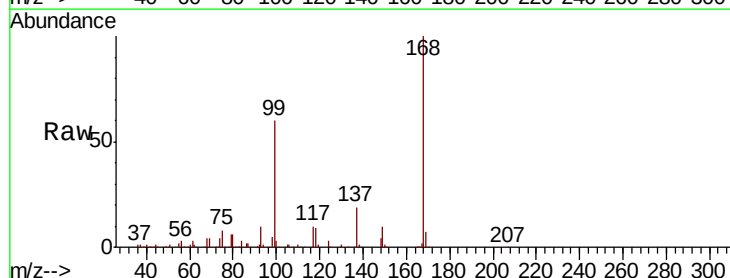
Instrument :
 MSVOA_W
 ClientSampleId :

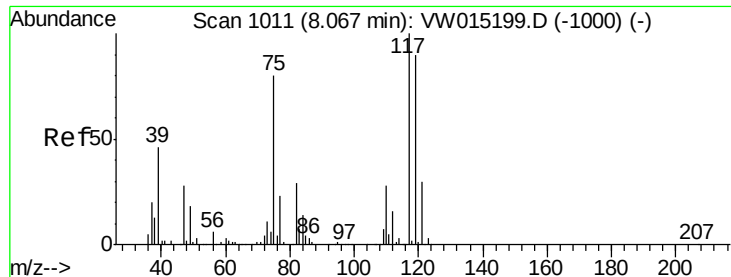
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.4
192	18.3	15.1	22.7



#36
 1,1-Dichloropropene
 Concen: 5.104 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW015207.D
 Acq: 15 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.2	54.6#
77	0.4	24.5	36.7#

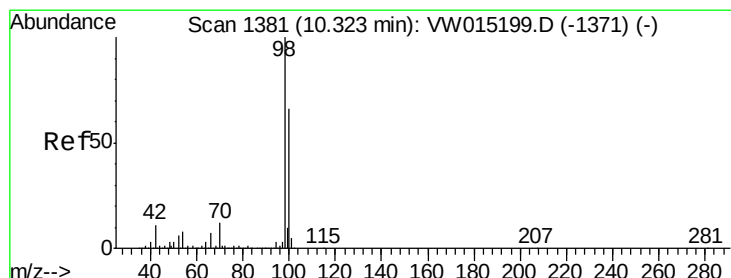
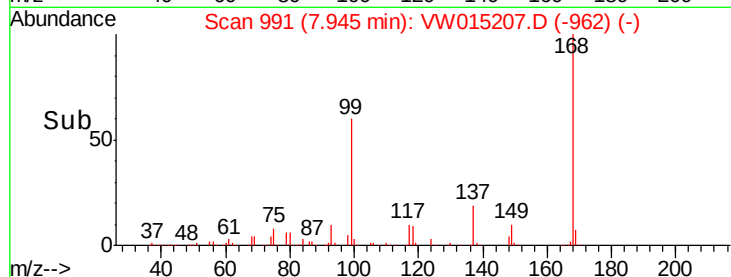
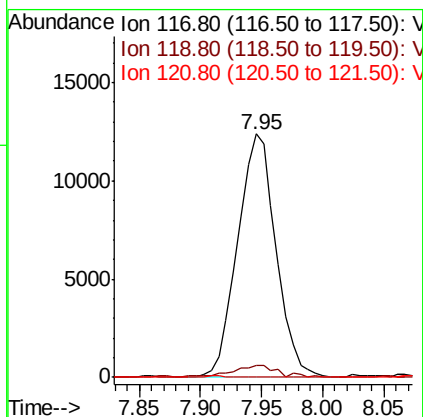
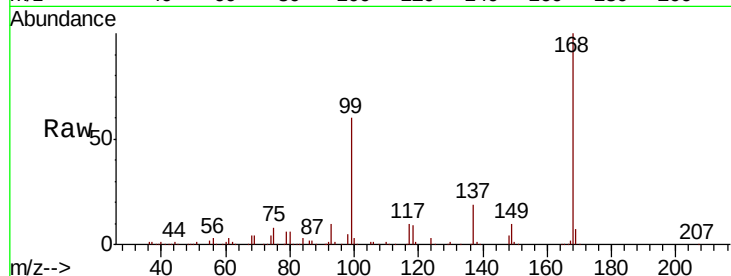




#38
Carbon Tetrachloride
Concen: 7.039 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015207.D
Acq: 15 Apr 2020 17:31

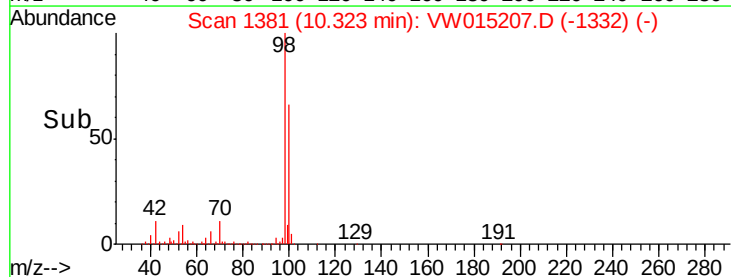
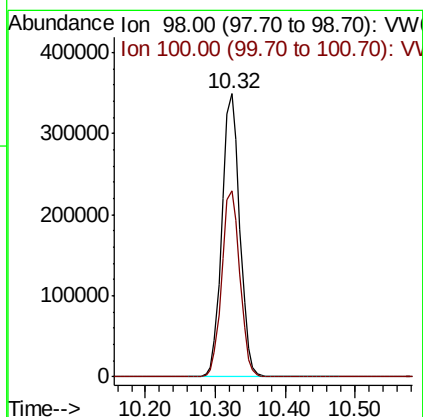
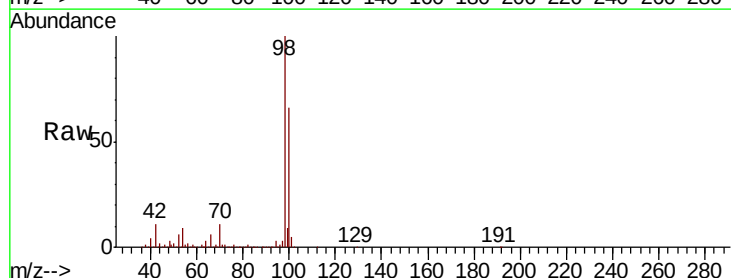
Instrument :
MSVOA_W
ClientSampled :

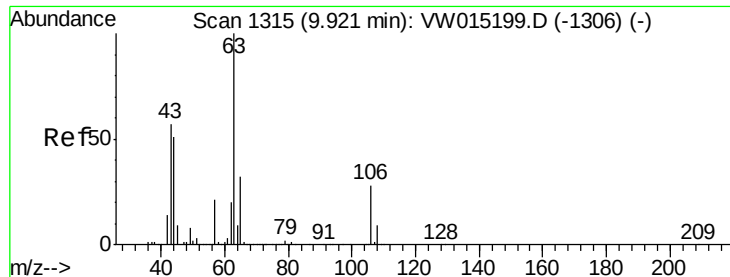
Tot Ion:117 Resp: 26932
Ion Ratio Lower Upper
117 100
119 4.9 72.3 108.5#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 59.387 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015207.D
Acq: 15 Apr 2020 17:31

Tgt Ion: 98 Resp: 621445
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3

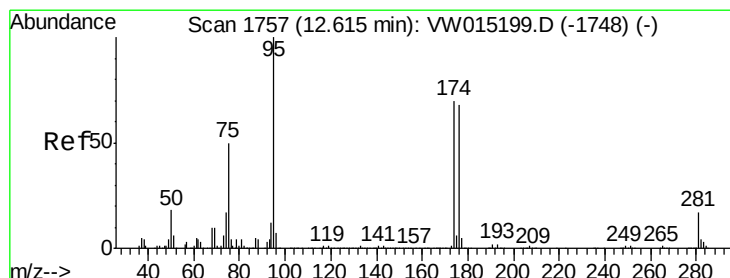
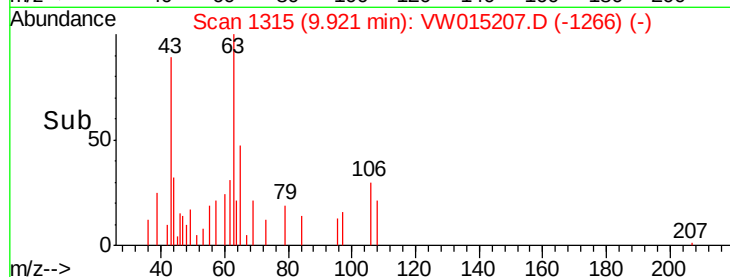
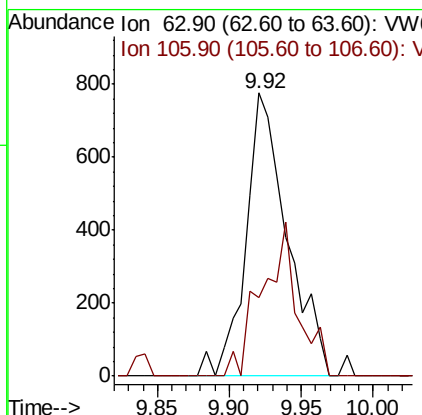
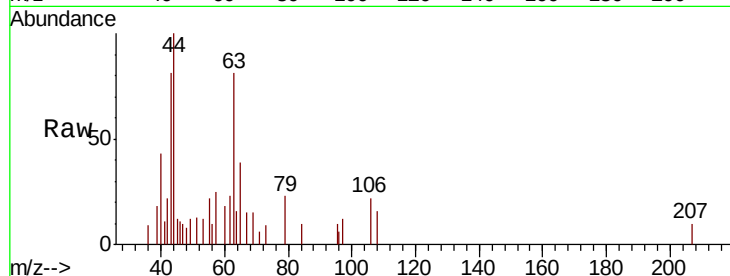




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.102 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW015207.D
 Acq: 15 Apr 2020 17:31

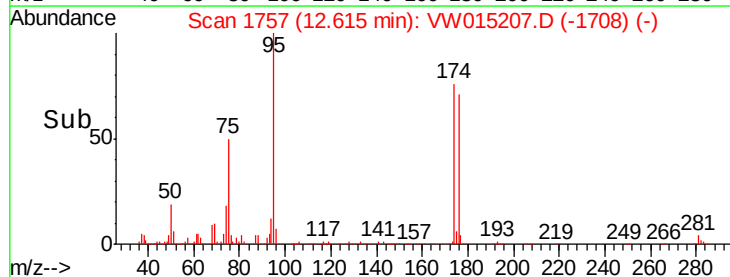
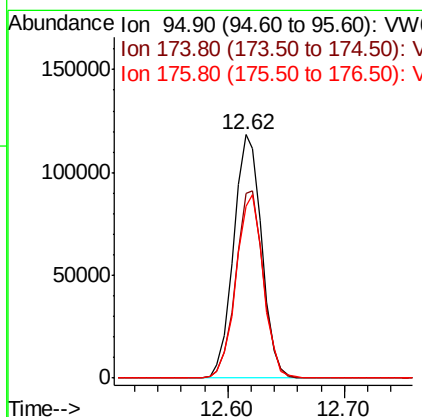
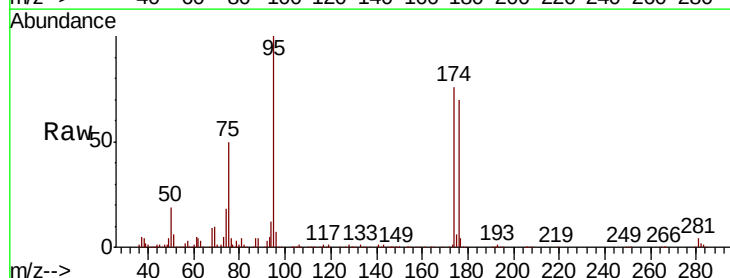
Instrument :
 MSVOA_W
 ClientSampleId :

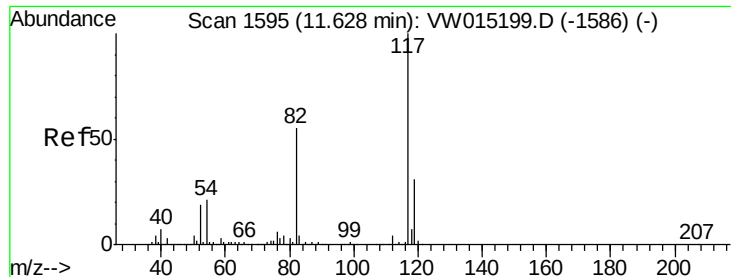
Tot Ion: 63 Resp: 1547
 Ion Ratio Lower Upper
 63 100
 106 47.3 22.6 33.8#



#62
 4-Bromofluorobenzene
 Concen: 54.188 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015207.D
 Acq: 15 Apr 2020 17:31

Tgt Ion: 95 Resp: 198605
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 144.4
 176 73.3 0.0 140.6

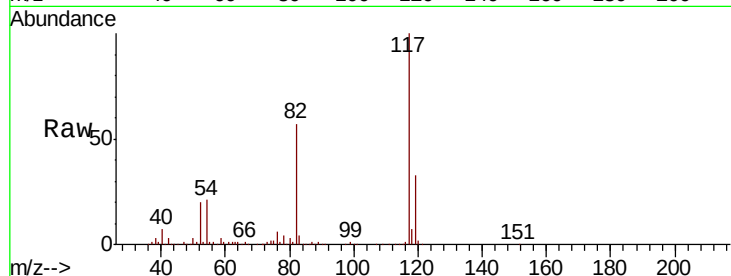




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW015207.D
Acq: 15 Apr 2020 17:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.1	66.1
119	32.5	24.9	37.3

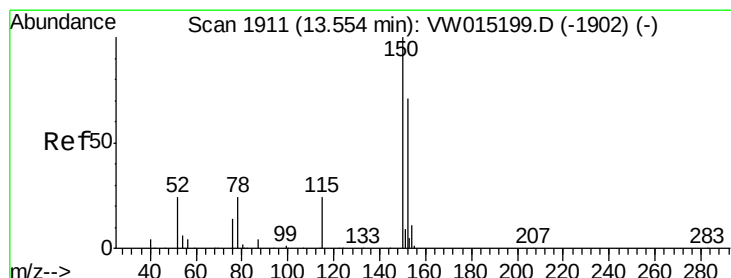
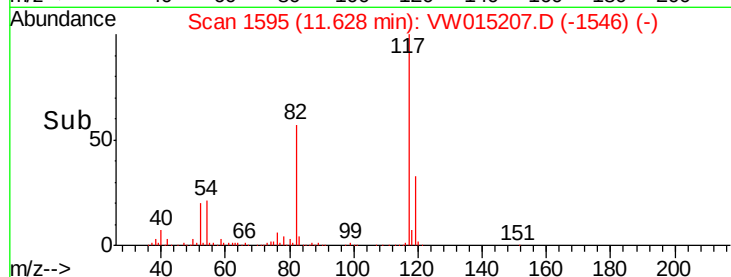
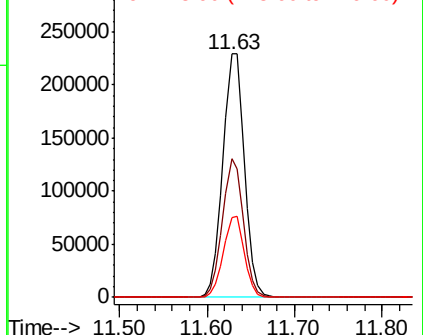


Abundance

Ion 116.90 (116.60 to 117.60): V

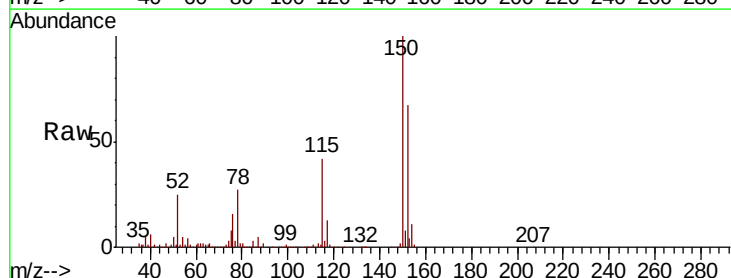
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW015207.D
Acq: 15 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.3	93.9
150	155.8	0.0	343.4

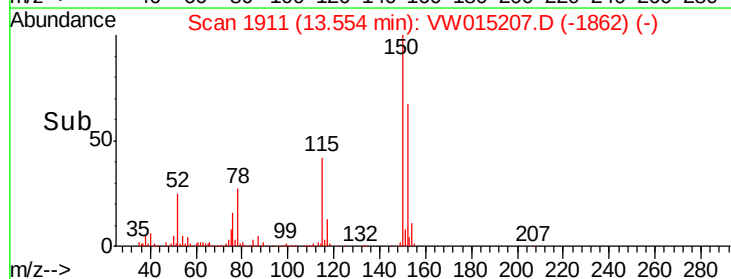
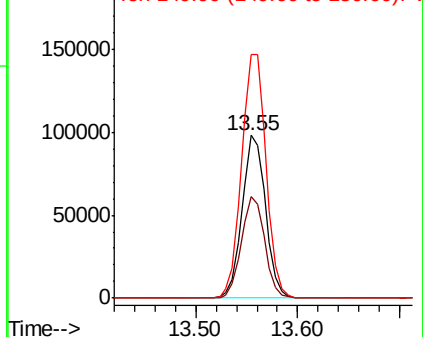


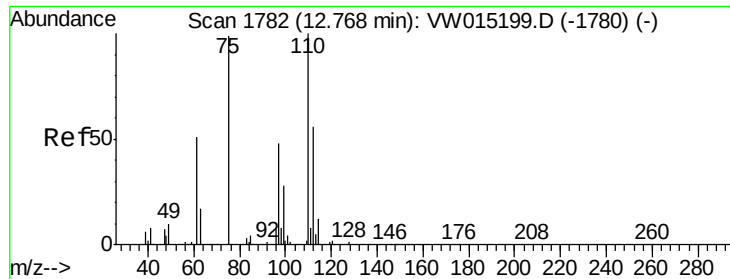
Abundance

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

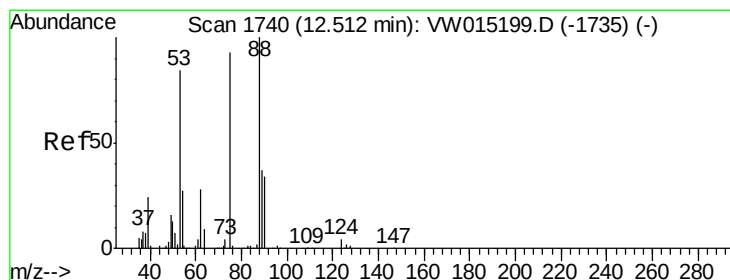
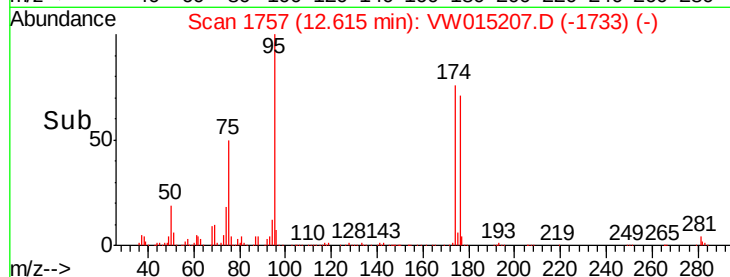
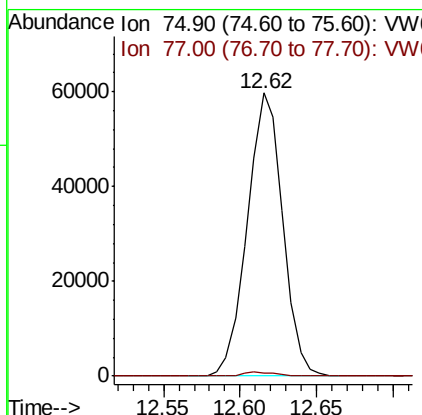
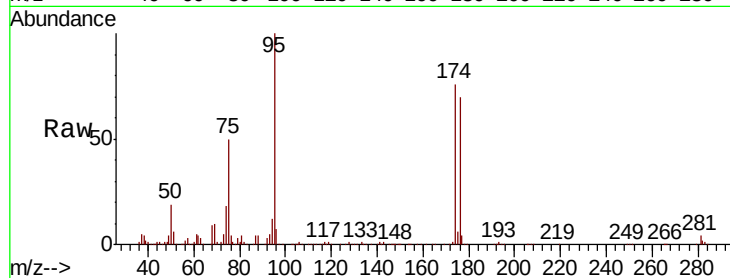




#76
 1,2,3-Trichloropropane
 Concen: 72.268 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015207.D
 Acq: 15 Apr 2020 17:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 96241
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.820 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015207.D
 Acq: 15 Apr 2020 17:31

Tgt Ion: 75 Resp: 96241
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.4 104.2#
 89 0.0 34.8 52.2#

