

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005083.D
 Acq On : 04 Sep 2018 16:49
 Operator : SY/AP
 Sample : J4699-01
 Misc : 6.24G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 04 17:16:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	334760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	542469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168040	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	125557	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
35) Dibromofluoromethane	7.89	113	129553	41.33	ug/l	0.00
Spiked Amount			Recovery	=	82.66%	
50) Toluene-d8	10.33	98	211034	14.61	ug/l	0.00
Spiked Amount			Recovery	=	29.22%	
62) 4-Bromofluorobenzene	12.62	95	112655	22.12	ug/l	0.00
Spiked Amount			Recovery	=	44.24%	

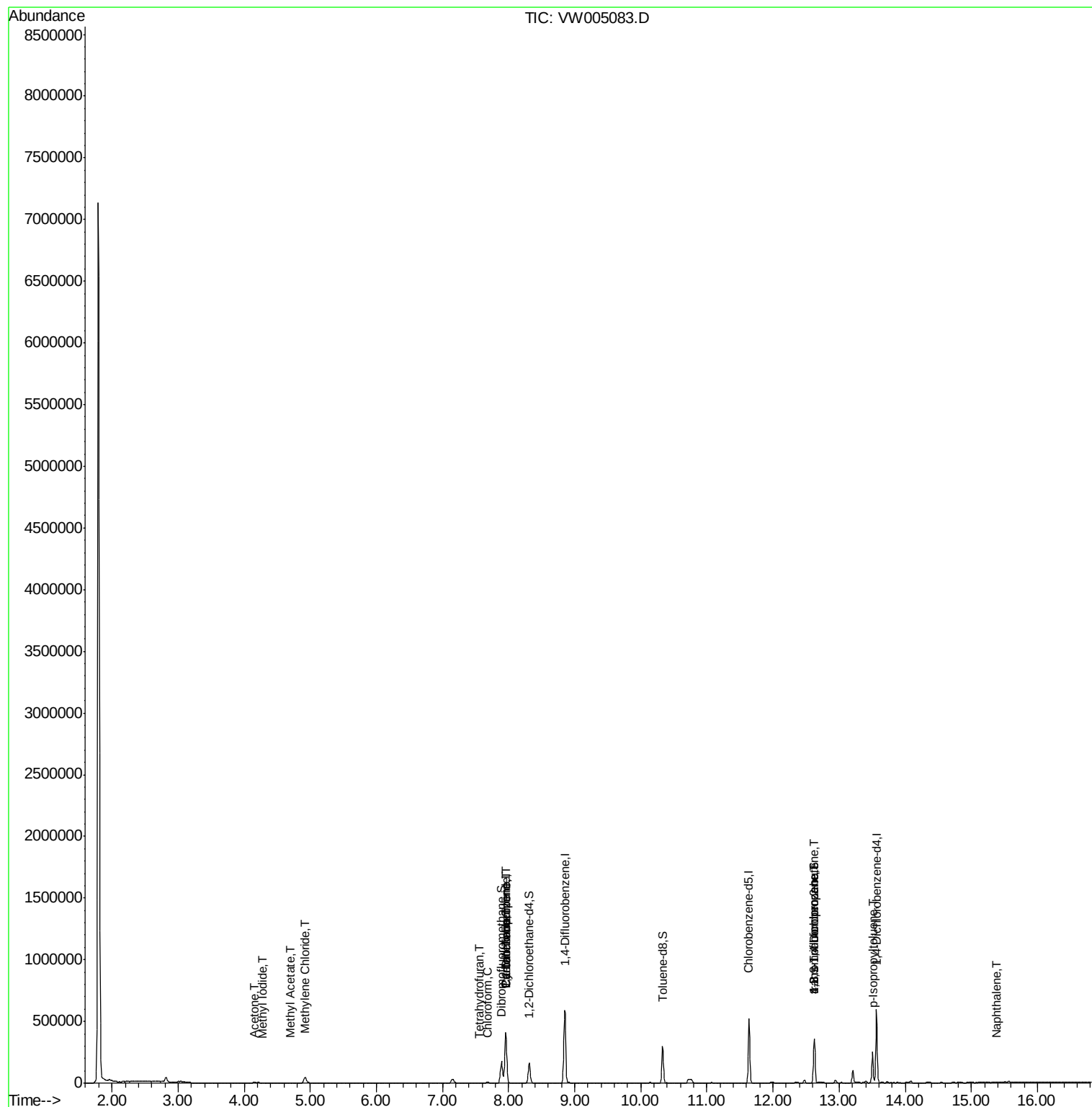
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	911	Below Cal	#	34
10) Methyl Iodide	4.27	142	259	3.873	ug/l #	89
11) Tert butyl alcohol	5.19	59	189	Below Cal	#	72
16) Acetone	4.15	43	9655	17.349	ug/l	97
18) Methyl Acetate	4.70	43	3294	2.012	ug/l #	78
20) Methylene Chloride	4.92	84	36617	6.340	ug/l	97
29) Tetrahydrofuran	7.56	42	521	1.056	ug/l #	31
30) Chloroform	7.68	83	5935	1.045	ug/l	87
31) Cyclohexane	7.95	56	5525	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20675	4.002	ug/l #	49
38) Carbon Tetrachloride	7.96	117	29635	6.033	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	49920	39.577	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49920	95.257	ug/l #	15
86) p-Isopropyltoluene	13.51	119	137056	12.312	ug/l	99
95) Naphthalene	15.38	128	2609	4.376	ug/l #	94

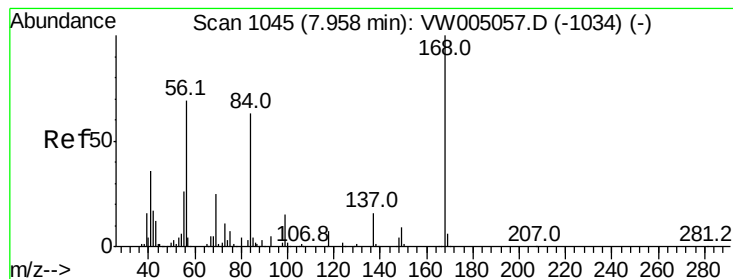
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005083.D
Acq On : 04 Sep 2018 16:49
Operator : SY/AP
Sample : J4699-01
Misc : 6.24G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 04 17:16:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

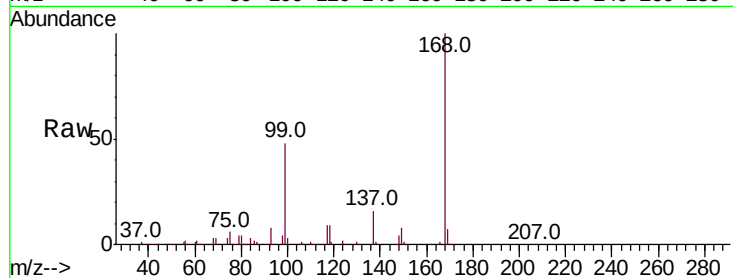
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 334760

Ion Ratio Lower Upper

168 100

99 47.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

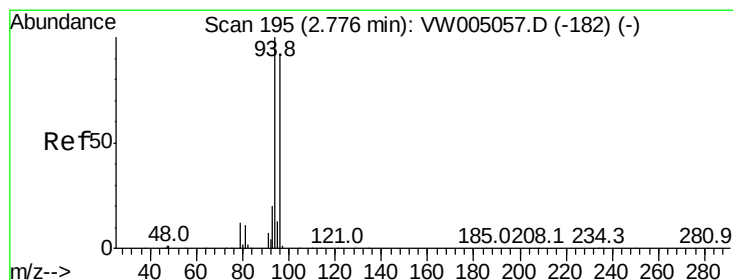
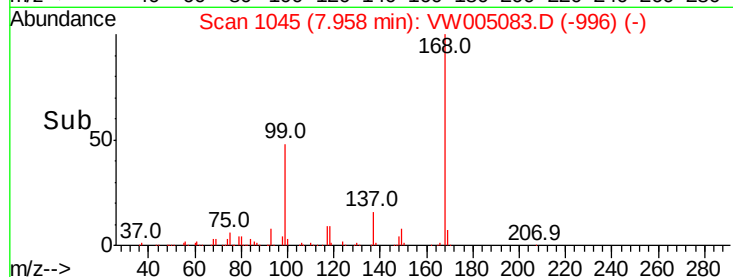
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW005083.D

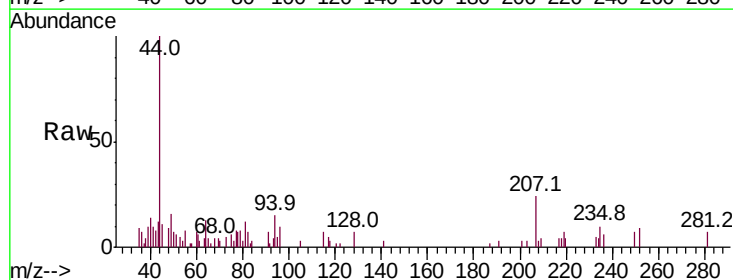
Acq: 04 Sep 2018 16:49

Tgt Ion: 94 Resp: 911

Ion Ratio Lower Upper

94 100

96 28.8 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

400

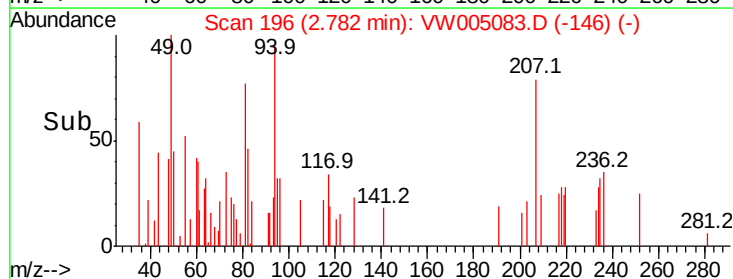
300

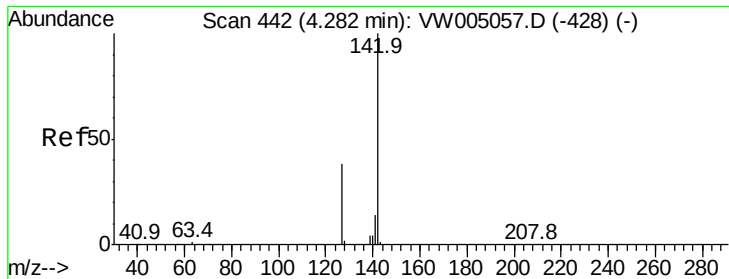
200

100

0

Time-->





#10

Methvl Iodide

Concen: 3.873 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.01 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

Instrument :
MSVOA_W
ClientSampled :

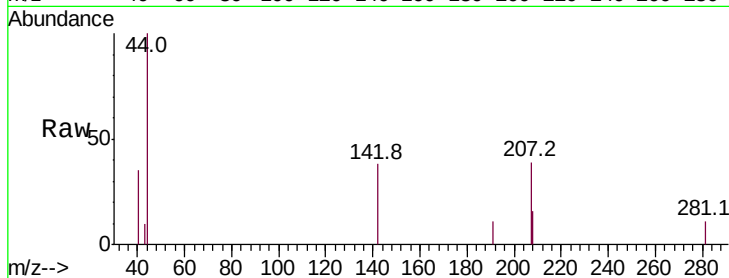
Tot Ion:142 Resp: 259

Ion Ratio Lower Upper

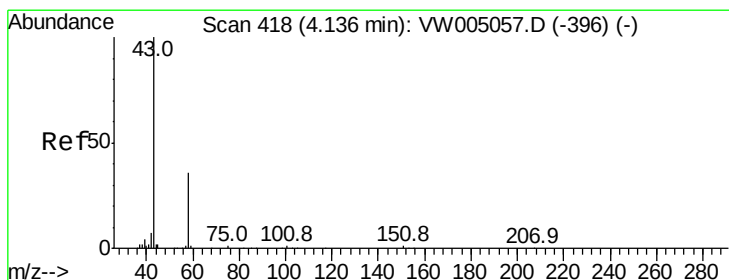
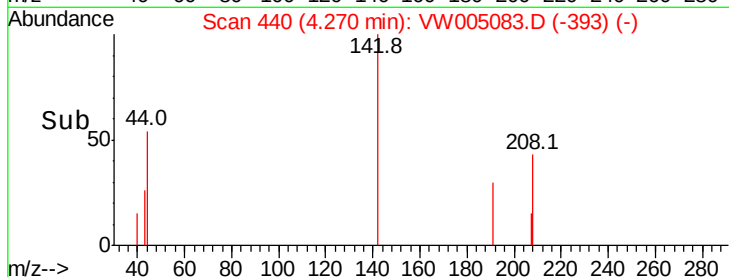
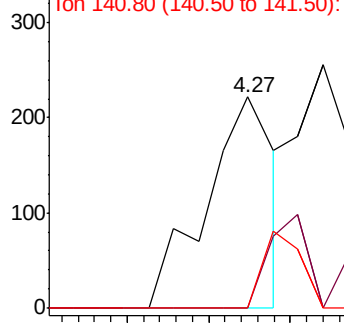
142 100

127 32.0 30.8 46.2

141 20.1 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



#16

Acetone

Concen: 17.349 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW005083.D

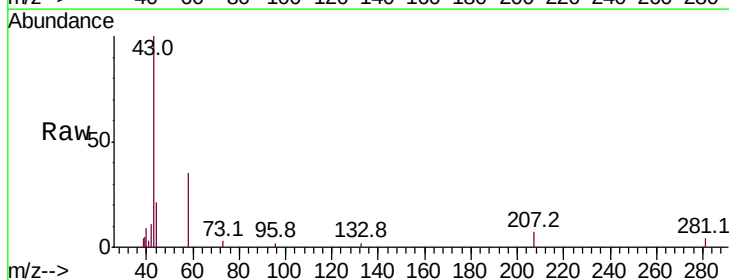
Acq: 04 Sep 2018 16:49

Tgt Ion: 43 Resp: 9655

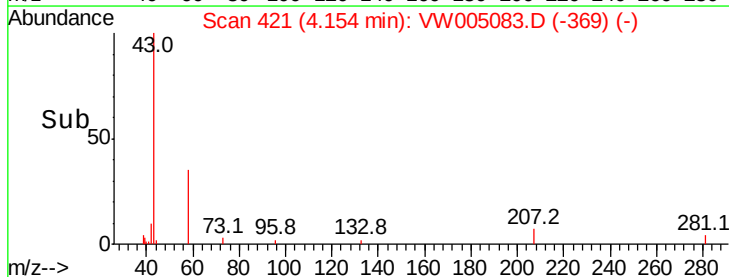
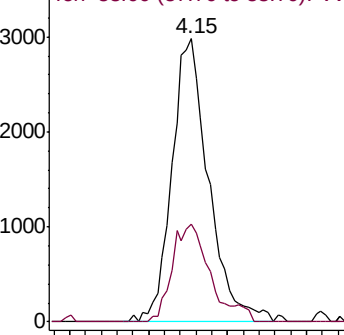
Ion Ratio Lower Upper

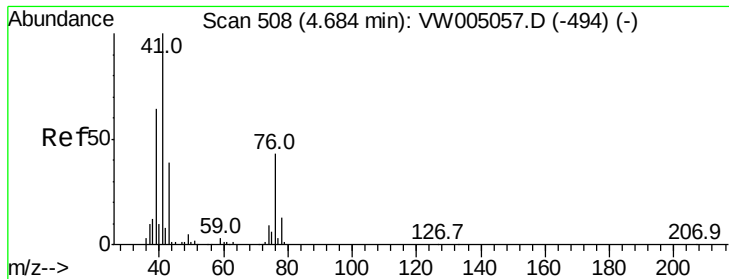
43 100

58 34.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

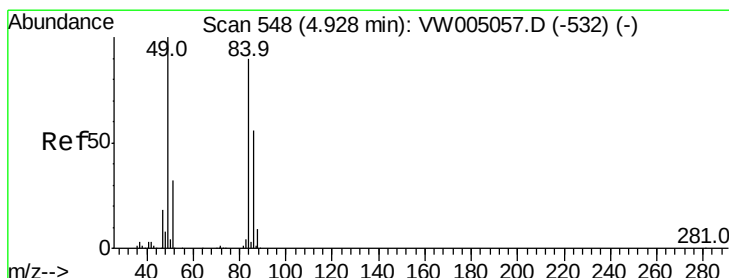
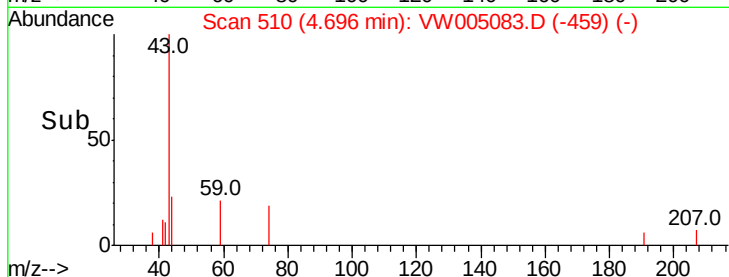
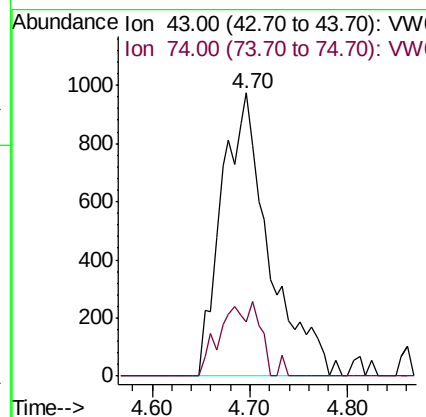
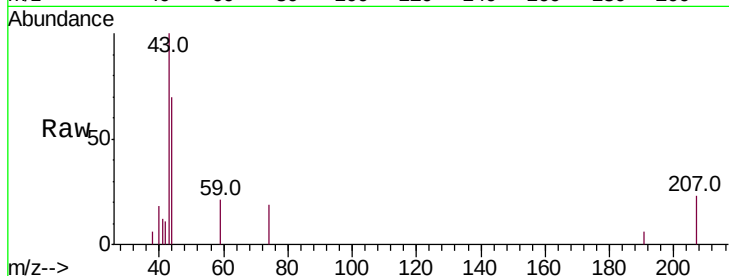




#18
Methvl Acetate
Concen: 2.012 ug/l
RT: 4.70 min Scan# 510
Delta R.T. 0.01 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

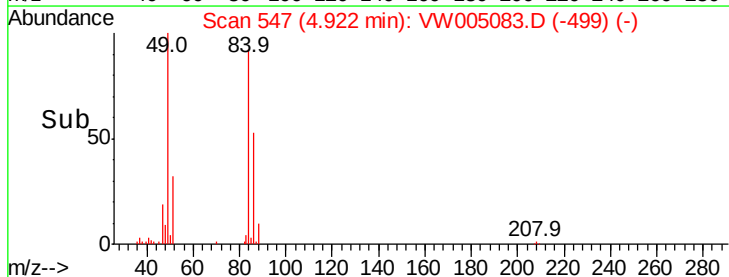
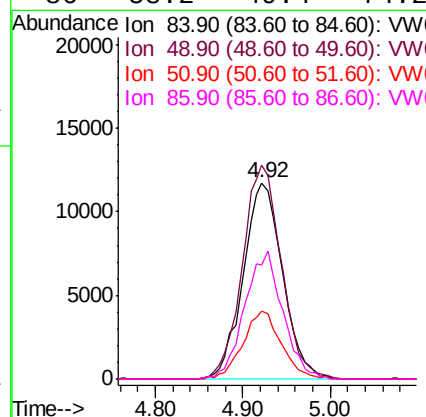
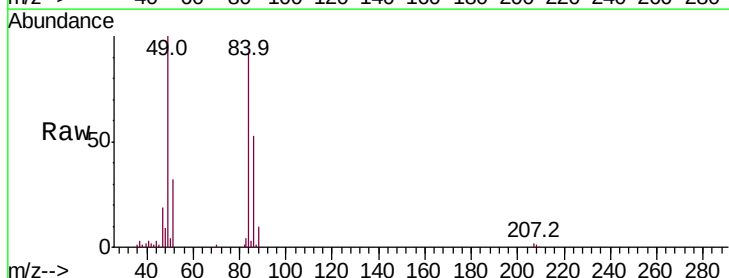
Instrument :
MSVOA_W
ClientSampled :

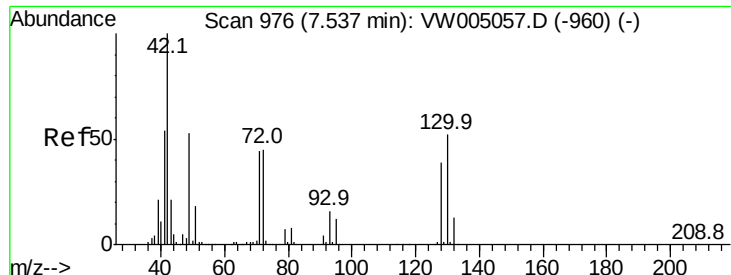
Tot Ion: 43 Resp: 3294
Ion Ratio Lower Upper
43 100
74 14.8 20.7 31.1#



#20
Methylene Chloride
Concen: 6.340 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

Tgt Ion: 84 Resp: 36617
Ion Ratio Lower Upper
84 100
49 108.9 88.7 133.1
51 34.8 28.6 42.8
86 58.2 49.4 74.2





#29

Tetrahydrofuran

Concen: 1.056 ug/l

RT: 7.56 min Scan# 979

Delta R.T. 0.02 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

Instrument :

MSVOA_W

ClientSampled :

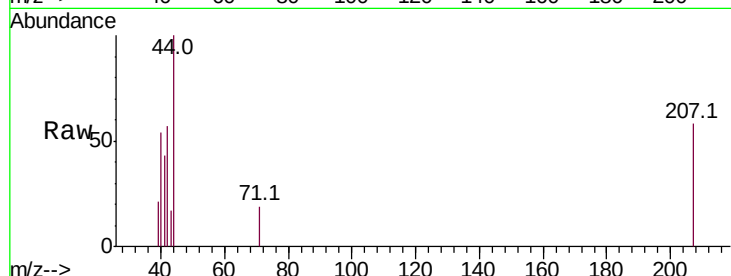
Tot Ion: 42 Resp: 521

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.4#

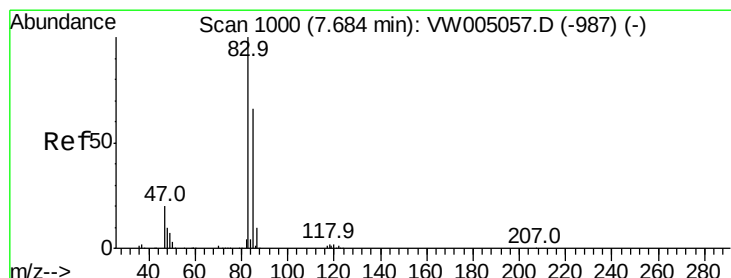
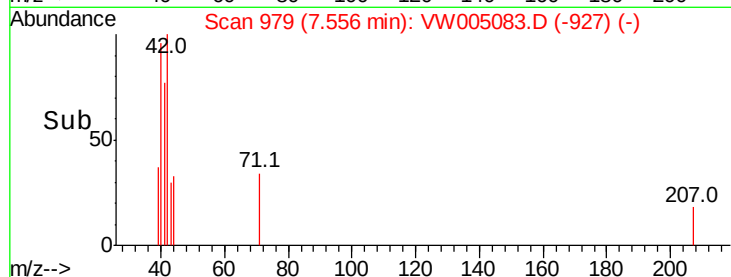
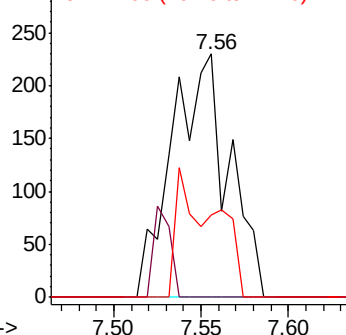
71 0.0 35.0 52.6#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 1.045 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VW005083.D

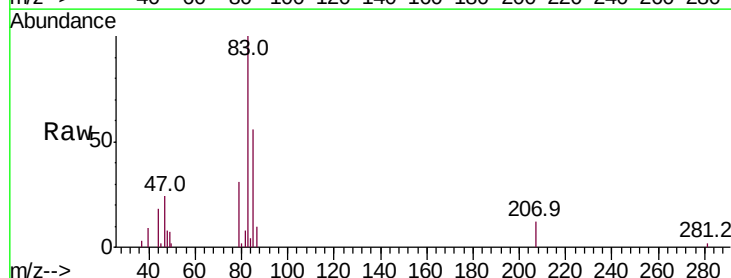
Acq: 04 Sep 2018 16:49

Tgt Ion: 83 Resp: 5935

Ion Ratio Lower Upper

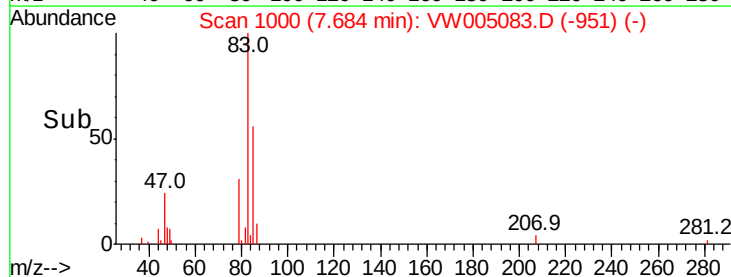
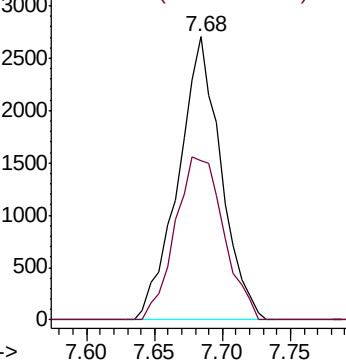
83 100

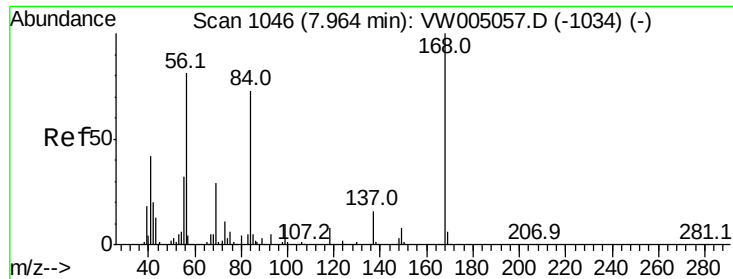
85 56.3 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

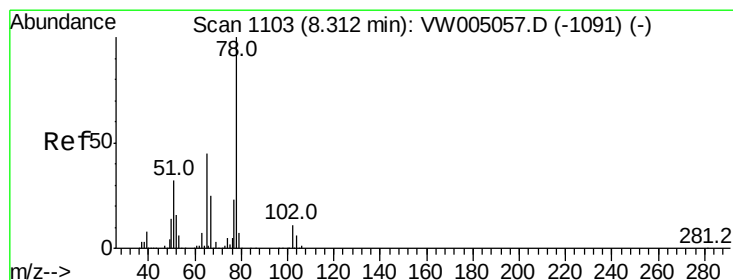
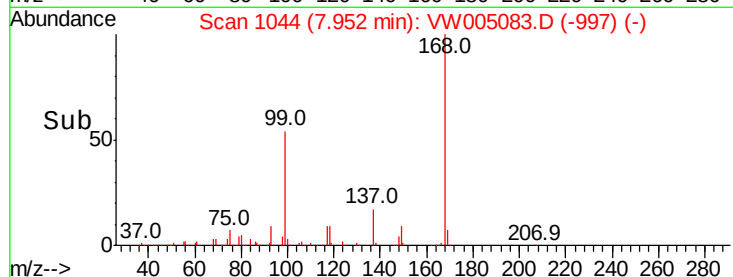
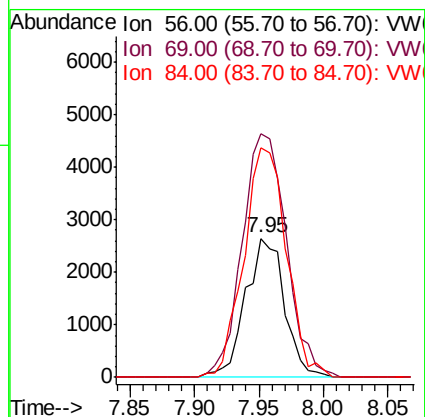
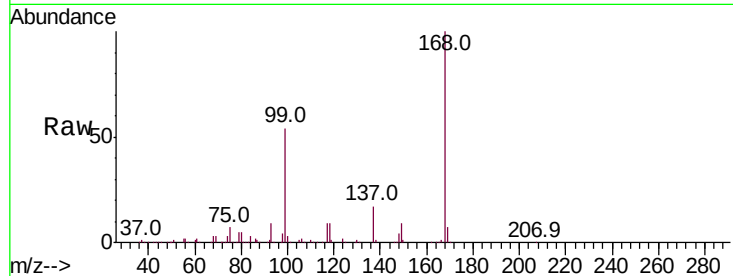




#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

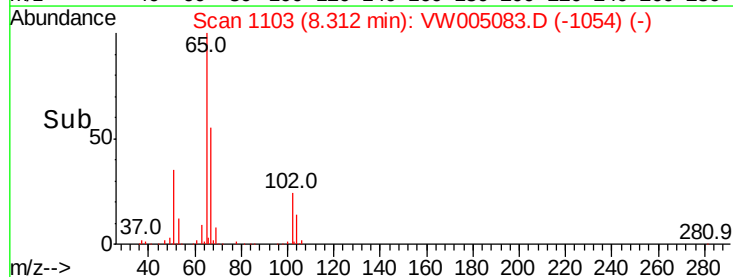
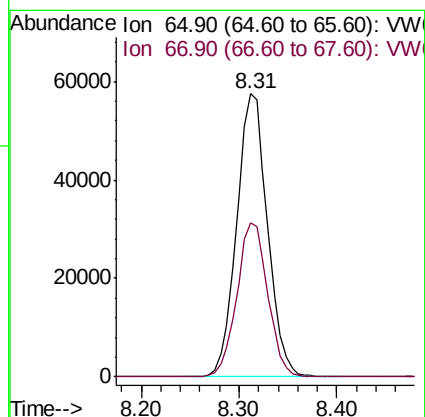
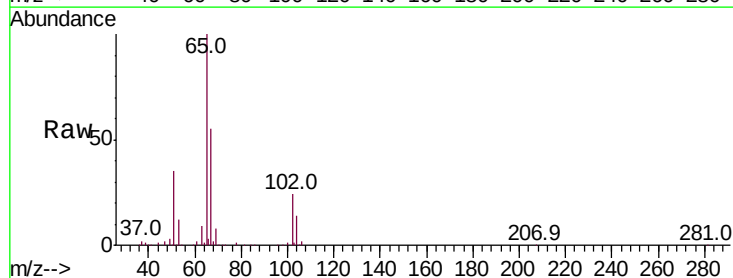
Instrument :
MSVOA_W
ClientSampled :

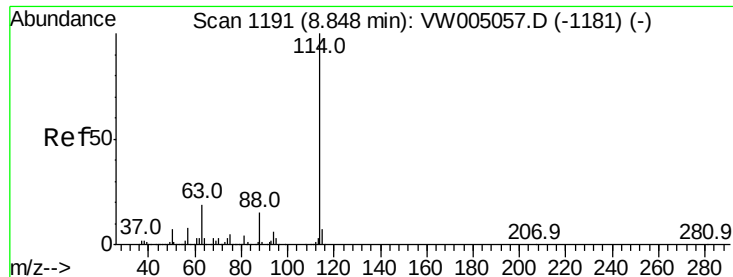
Tot Ion: 56 Resp: 5525
Ion Ratio Lower Upper
56 100
69 175.5 28.2 42.2#
84 165.2 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 45.246 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

Tgt Ion: 65 Resp: 125557
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.4

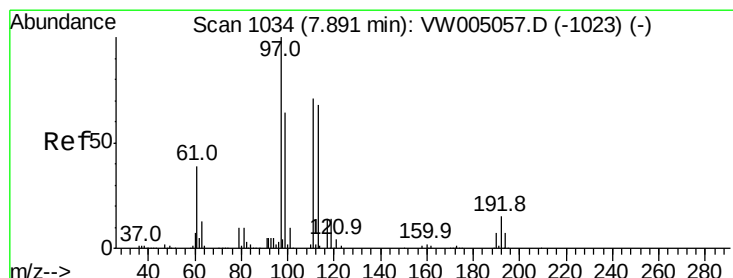
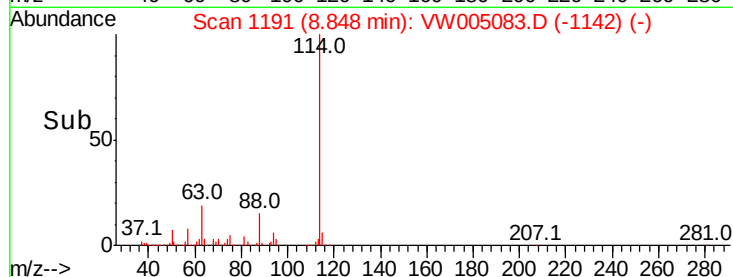
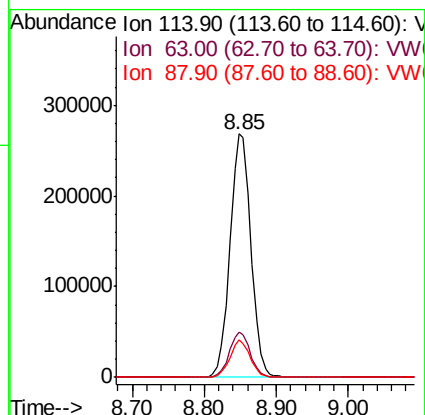
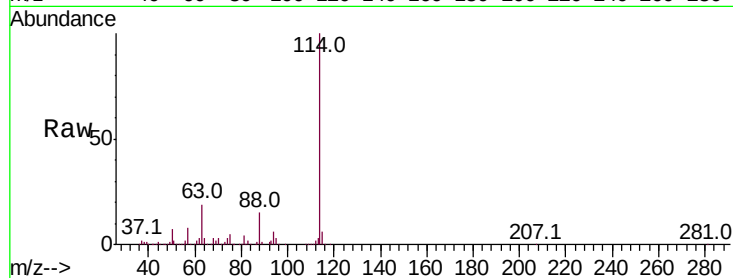




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

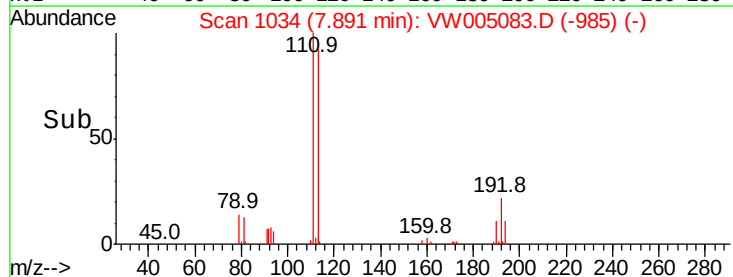
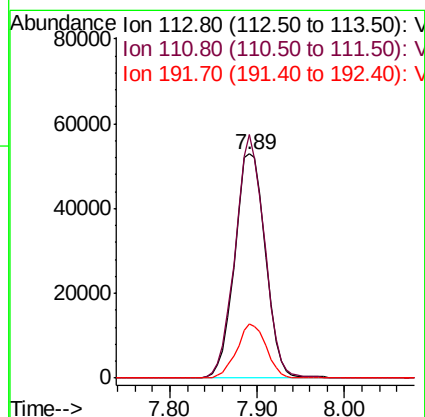
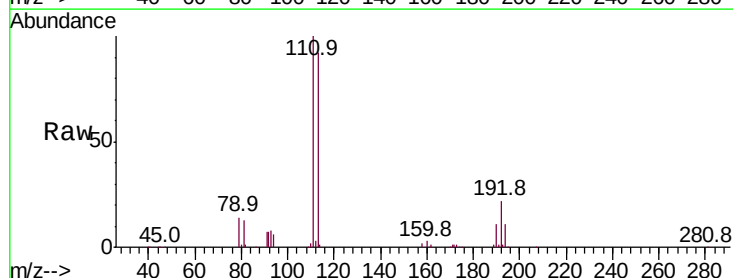
Instrument :
 MSVOA_W
 ClientSampleId :

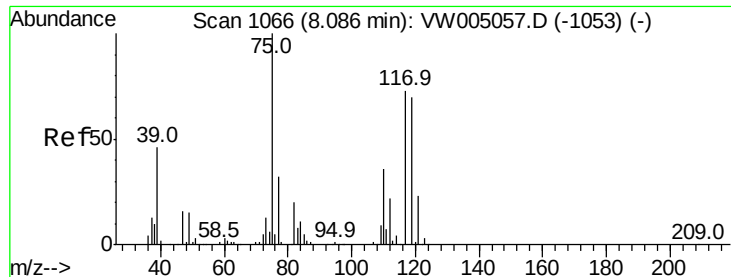
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.0
88	15.2	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 41.327 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	23.0	18.1	27.1

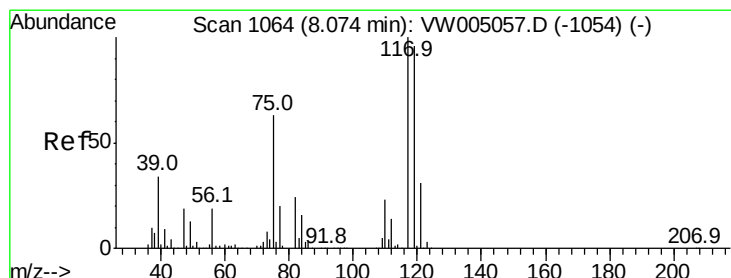
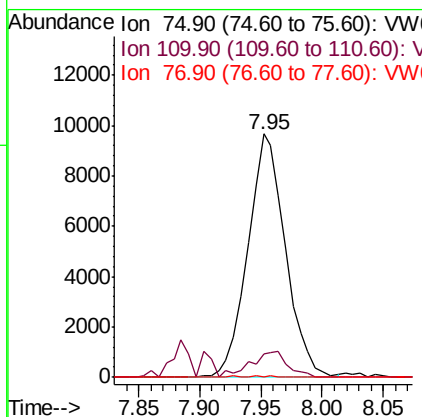
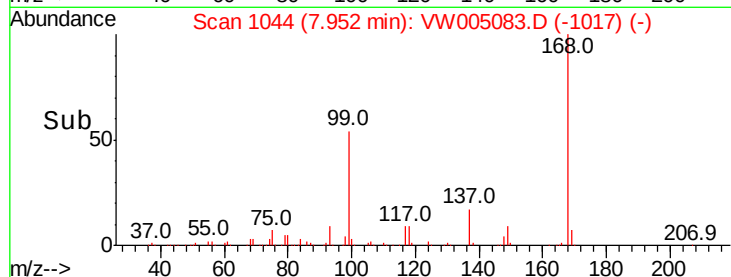
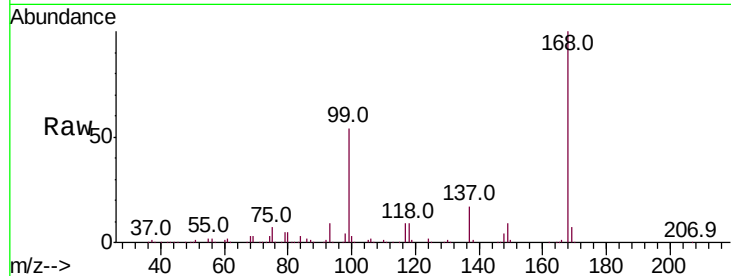




#36
 1,1-Dichloropropene
 Concen: 4.002 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

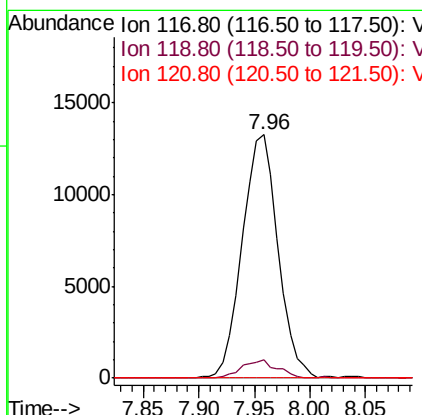
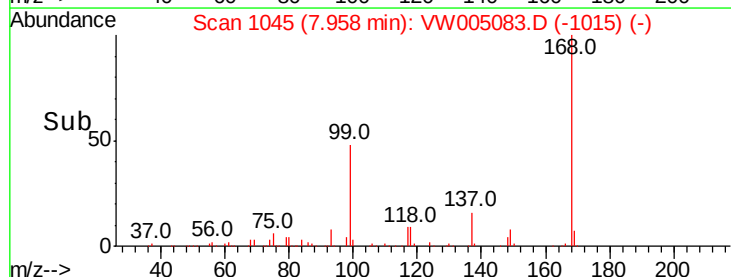
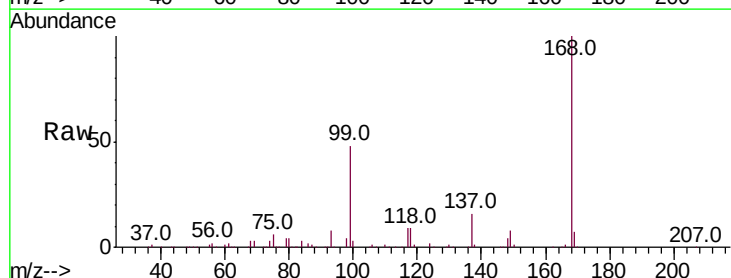
Instrument :
 MSVOA_W
 ClientSampleId :

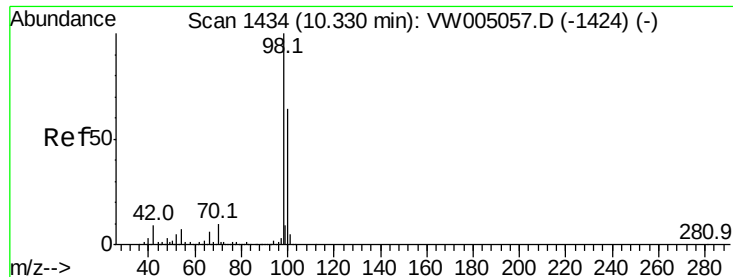
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.9	56.7#
77	0.3	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.033 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.5	76.6	115.0#
121	0.0	24.8	37.2#

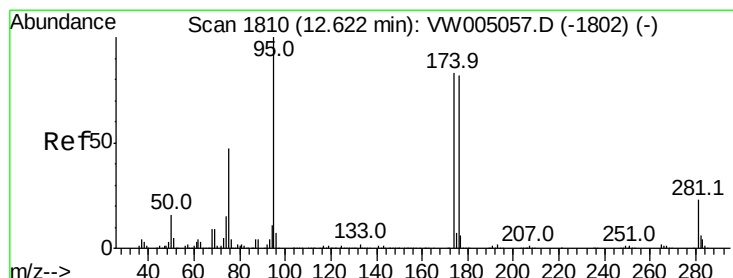
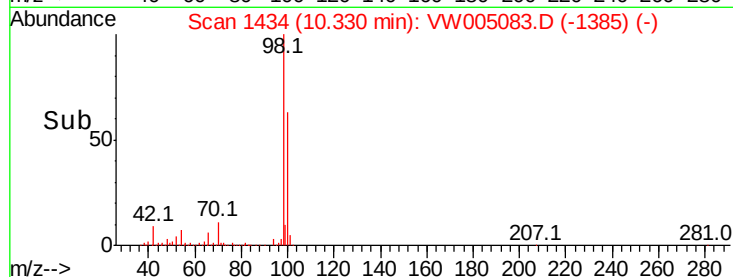
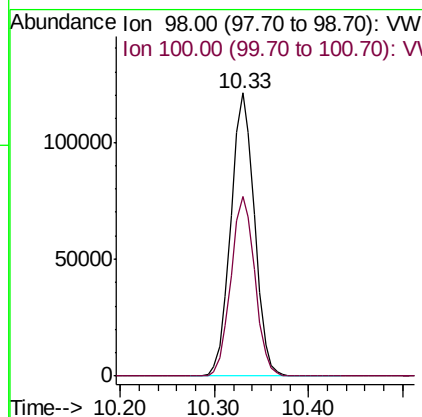
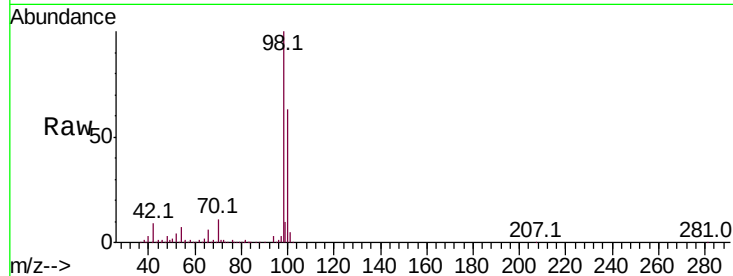




#50
Toluene-d8
Concen: 14.610 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

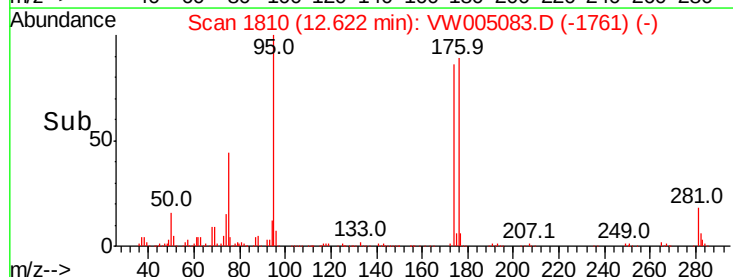
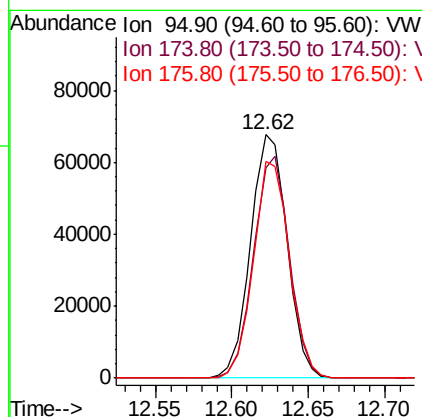
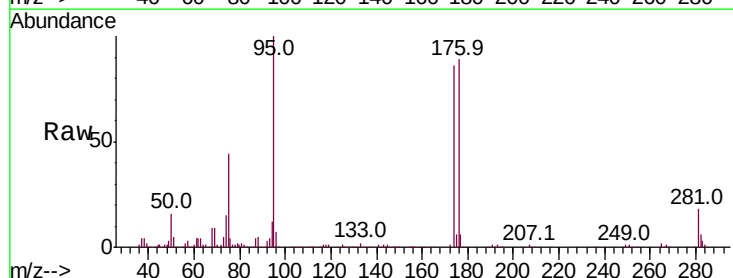
Instrument :
MSVOA_W
ClientSampleId :

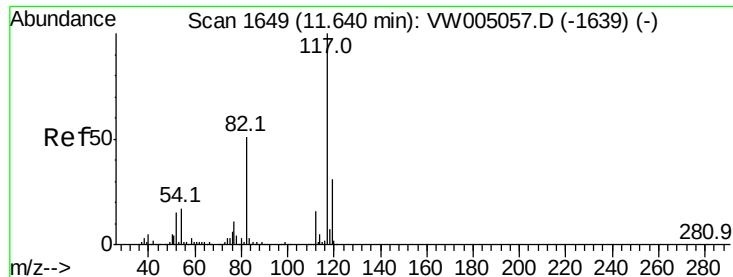
Tot Ion: 98 Resp: 211034
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 22.118 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

Tgt Ion: 95 Resp: 112655
Ion Ratio Lower Upper
95 100
174 89.6 0.0 173.4
176 87.8 0.0 167.4

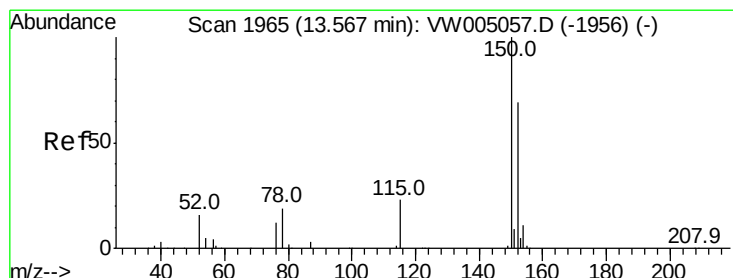
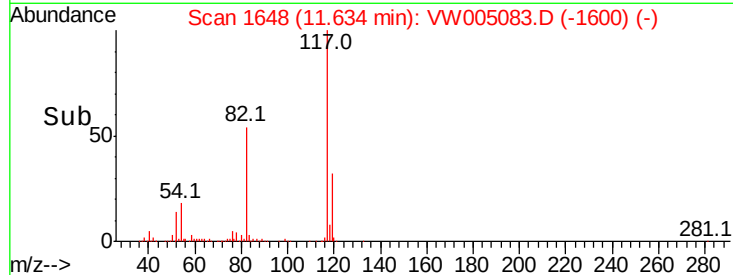
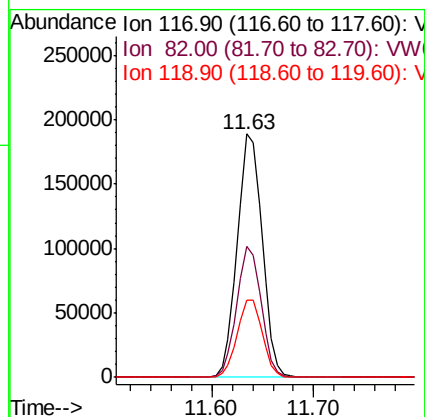
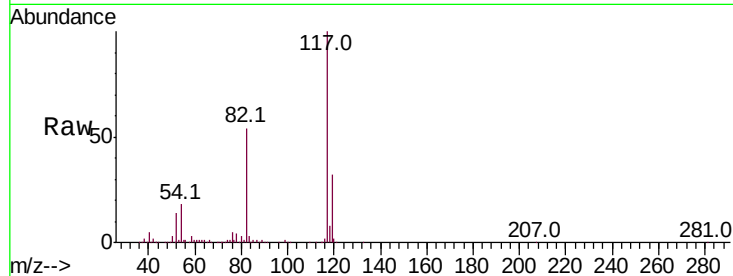




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

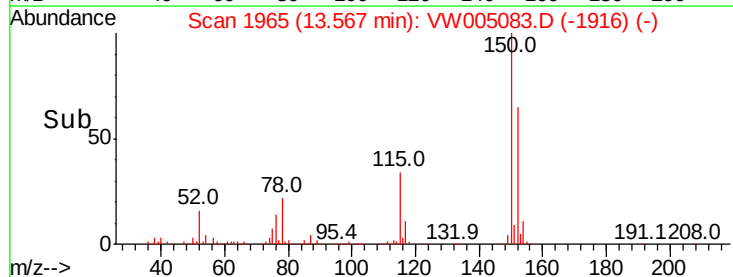
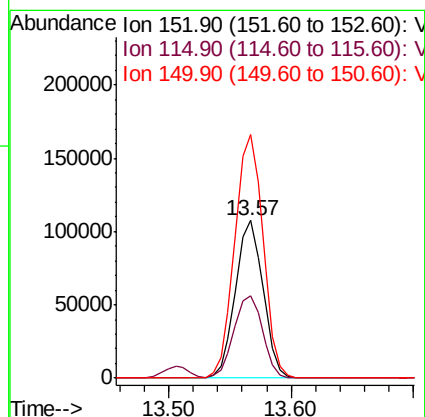
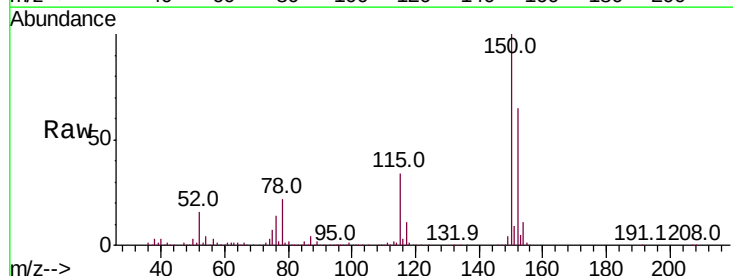
Instrument :
MSVOA_W
ClientSampled :

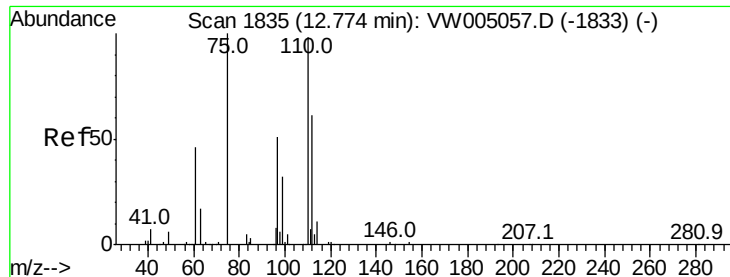
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.9	61.3
119	31.6	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.8	83.4
150	157.7	0.0	351.4

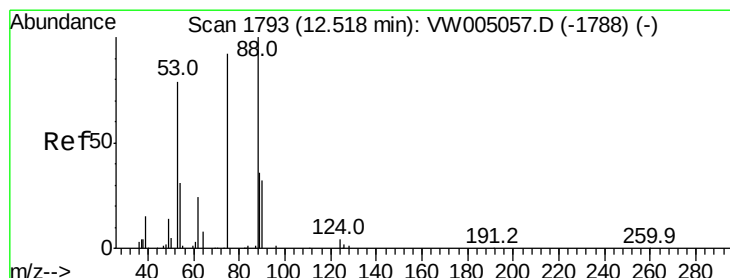
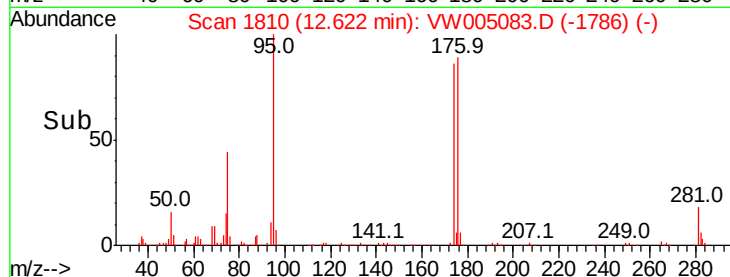
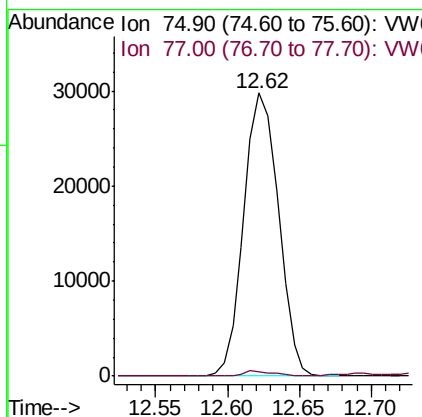
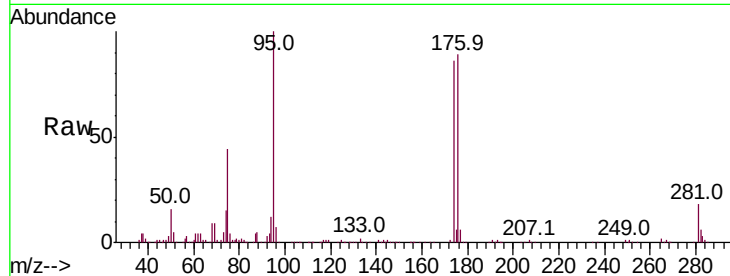




#76
 1,2,3-Trichloropropane
 Concen: 39.577 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

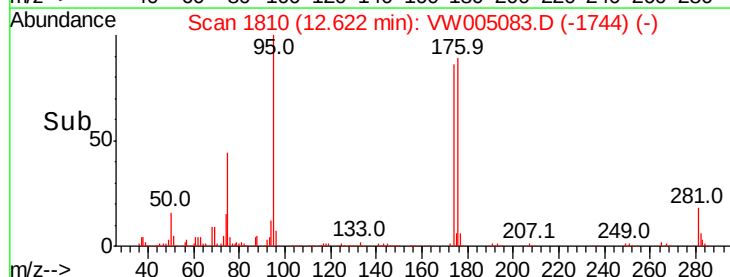
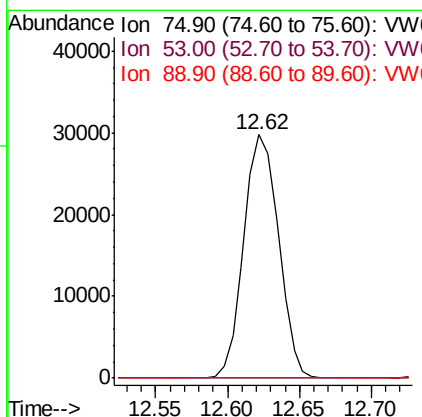
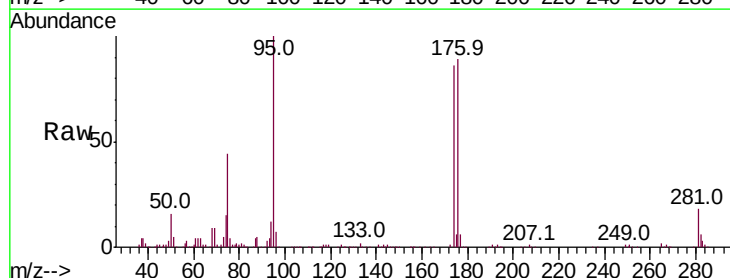
Instrument :
 MSVOA_W
 ClientSampleId :

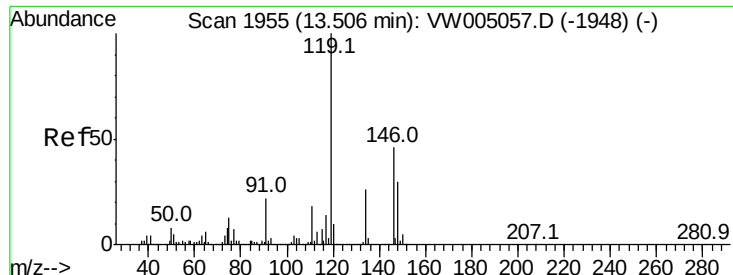
Tot Ion: 75 Resp: 49920
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.257 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

Tgt Ion: 75 Resp: 49920
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.8#
 89 0.3 36.0 54.0#

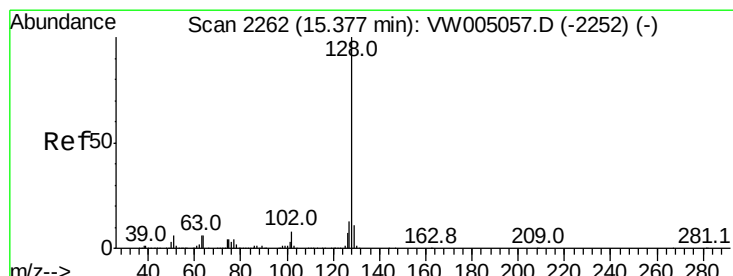
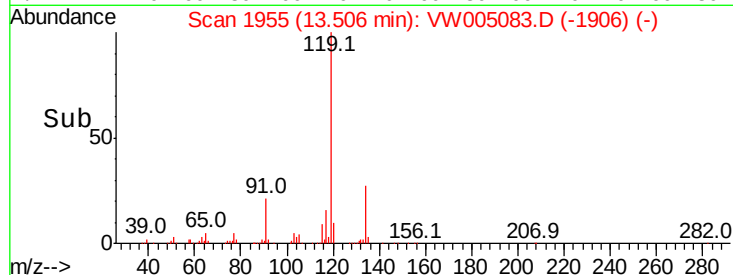
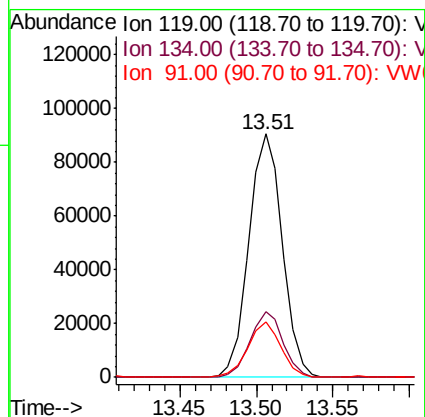
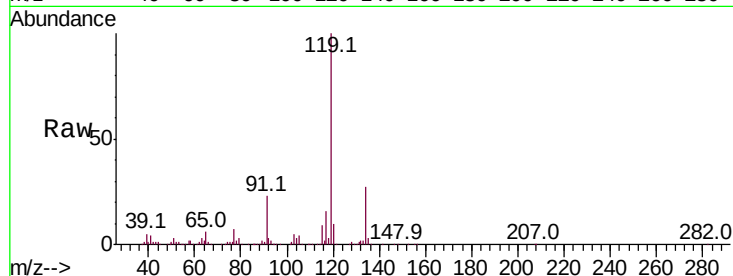




#86
p-Isopropyltoluene
Concen: 12.312 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.3	39.8
91	22.2	10.9	32.9



#95
Naphthalene
Concen: 4.376 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005083.D
Acq: 04 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.4	15.6
129	13.6	8.7	13.1#

