

Data File : VW012728.D
Acq On : 07 Sep 2019 19:03
Operator : SY/VA
Sample : K4554-23
Misc : 4.58G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11-0-2

Quant Time: Sep 08 05:13:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	119071	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132945	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.88	113	104302	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	10.32	98	366761	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.62	95	127684	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

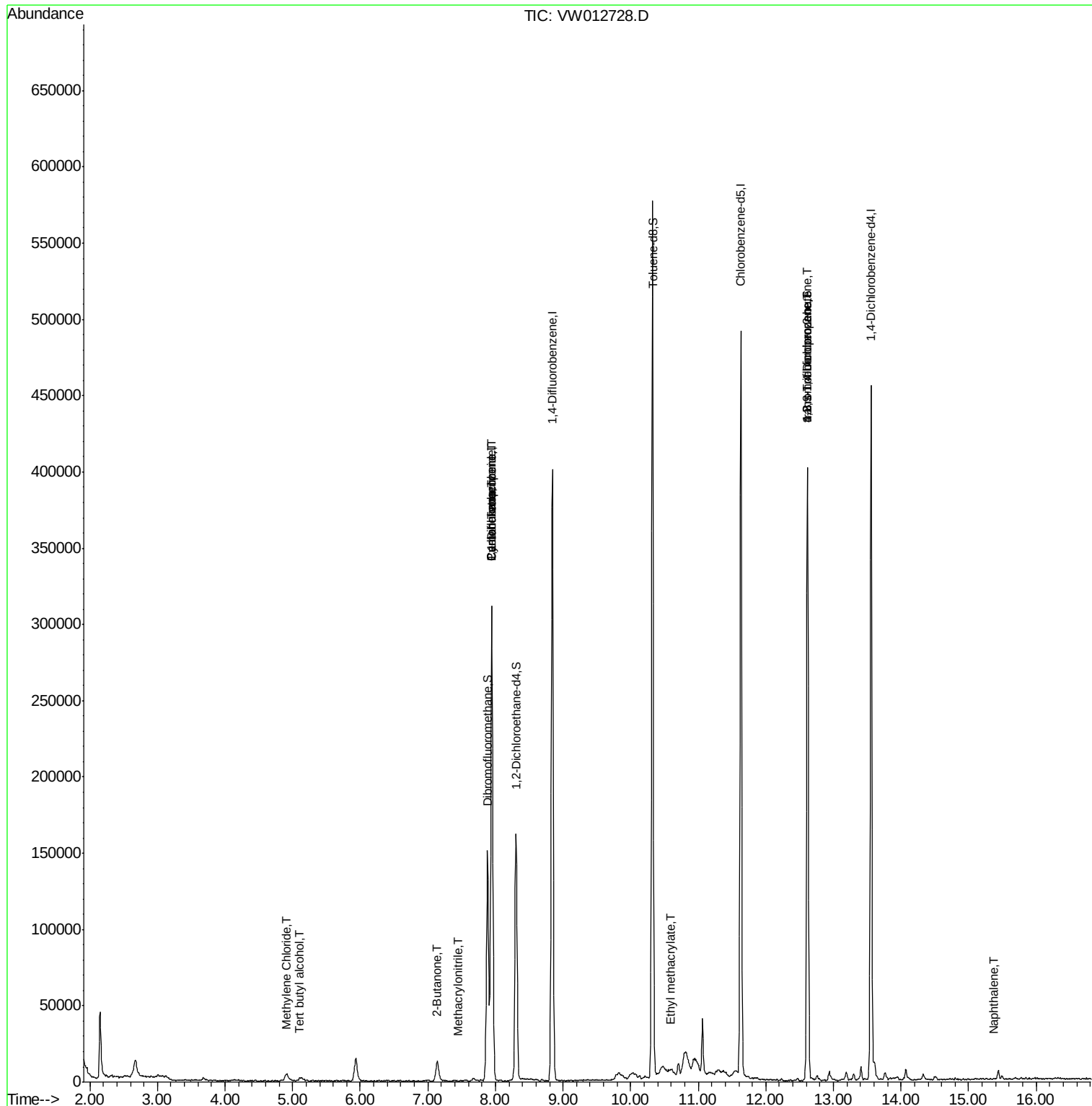
						Qvalue
11) Tert butyl alcohol	5.10	59	1066	5.485	ug/l #	72
20) Methylene Chloride	4.92	84	3737	1.725	ug/l #	69
25) 2-Butanone	7.13	43	648	20.266	ug/l #	53
31) Cyclohexane	7.95	56	5525	1.480	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18332	6.355	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22638	7.961	ug/l #	17
41) Methacrylonitrile	7.45	41	68	3.889	ug/l #	4
56) Ethyl methacrylate	10.59	69	5673	2.463	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	71266	58.532	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71266	123.799	ug/l #	6
95) Naphthalene	15.38	128	155	4.467	ug/l #	69

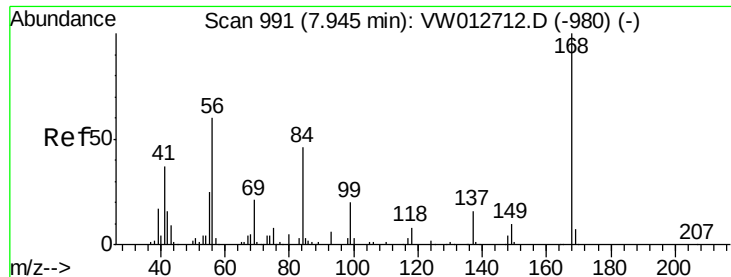
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012728.D

Acq: 07 Sep 2019 19:03

Instrument :

MSVOA_W

ClientSampled :

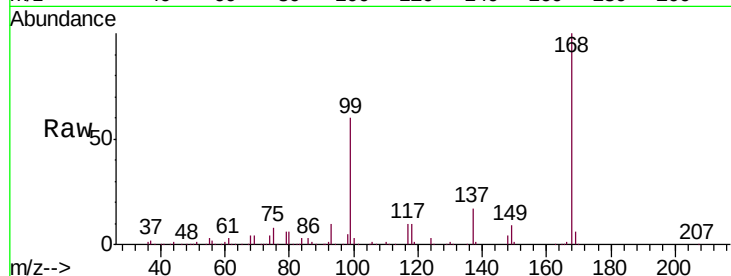
SB-11-(0-2)

Tgt Ion:168 Resp: 227355

Ion Ratio Lower Upper

168 100

99 59.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

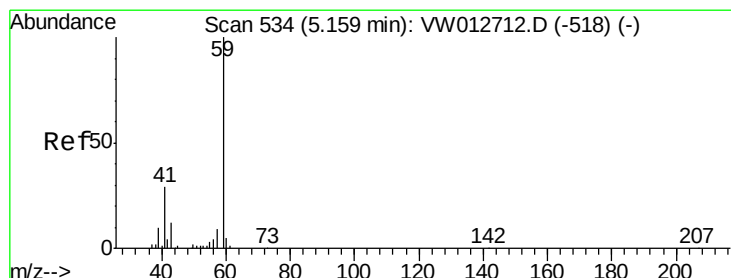
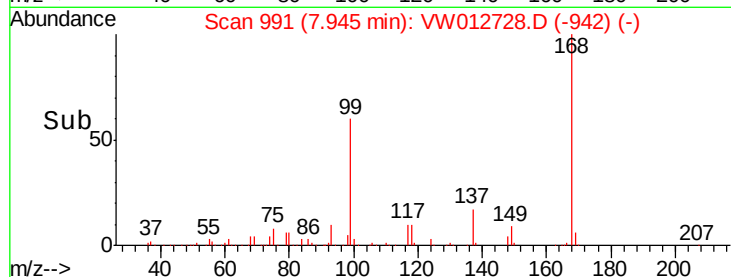
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.485 ug/l

RT: 5.10 min Scan# 525

Delta R.T. -0.05 min

Lab File: VW012728.D

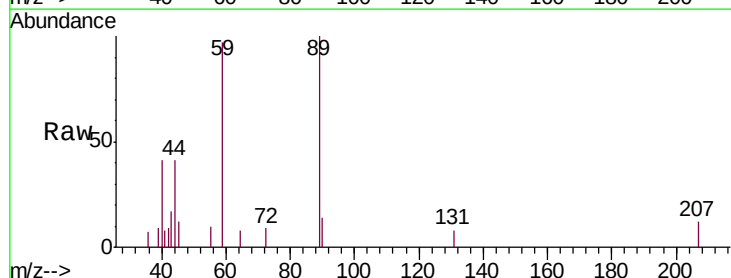
Acq: 07 Sep 2019 19:03

Tgt Ion: 59 Resp: 1066

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.10

800

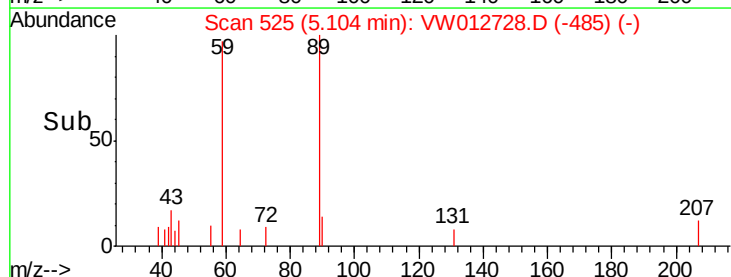
600

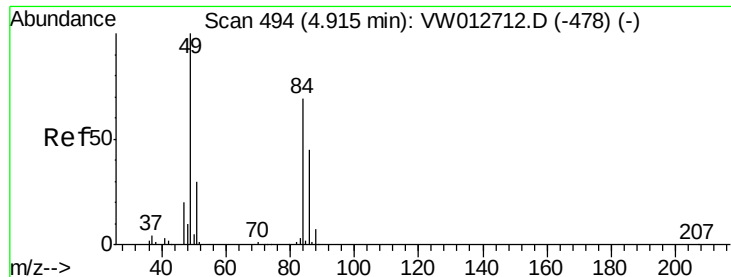
400

200

0

Time-->

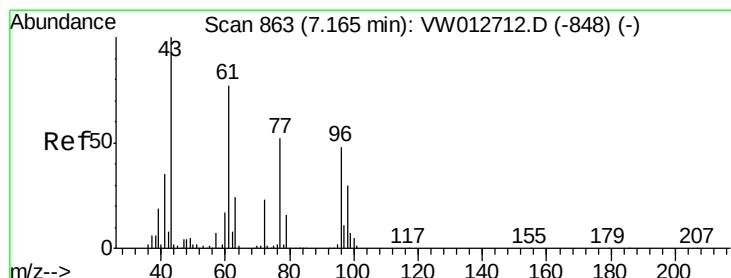
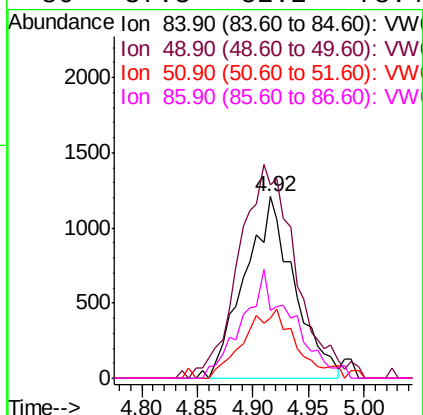
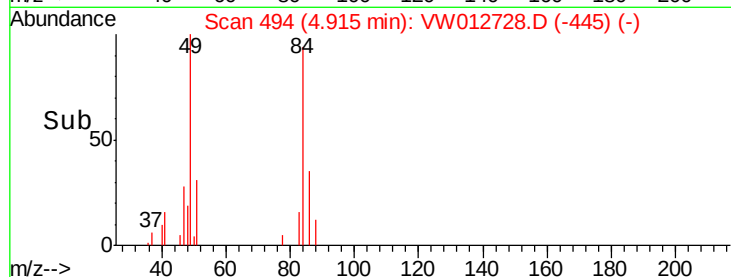
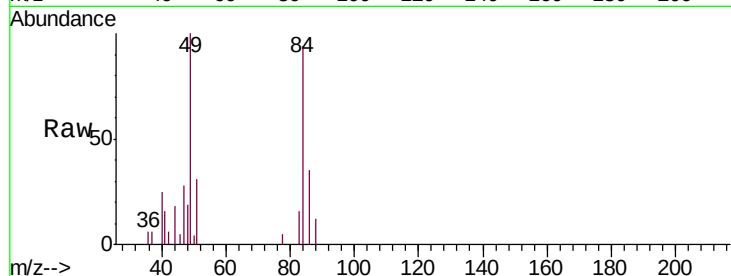




#20
Methylene Chloride
Concen: 1.725 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012728.D
Acq: 07 Sep 2019 19:03

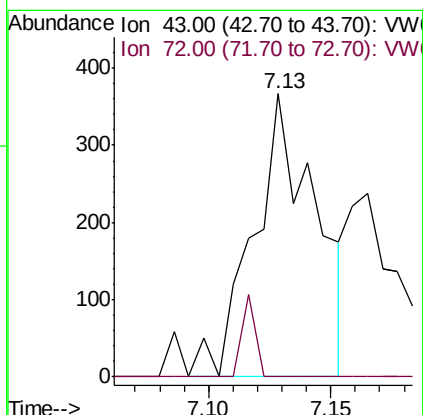
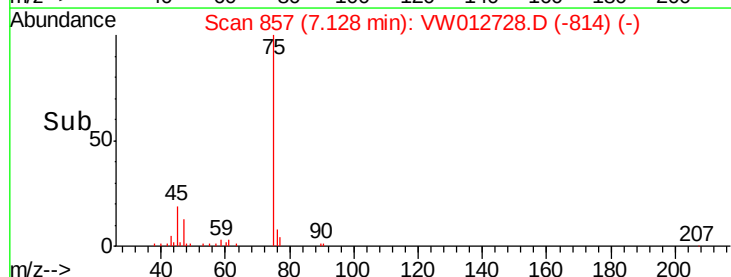
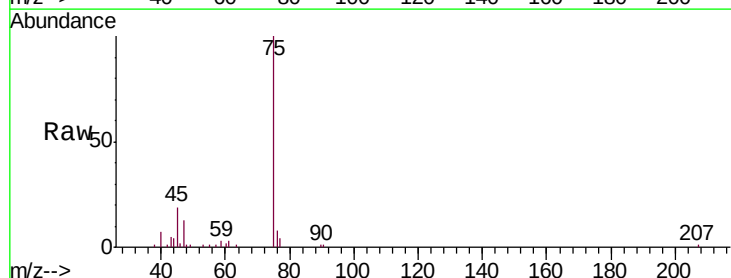
Instrument :
MSVOA_W
ClientSampled :
SB-11-(0-2)

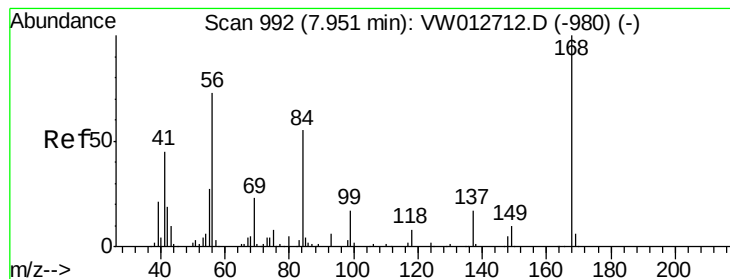
Tgt Ion: 84 Resp: 3737
Ion Ratio Lower Upper
84 100
49 106.1 115.4 173.0#
51 27.2 34.9 52.3#
86 37.3 52.2 78.4#



#25
2-Butanone
Concen: 20.266 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW012728.D
Acq: 07 Sep 2019 19:03

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#





#31

Cyclohexane

Concen: 1.480 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012728.D

Acq: 07 Sep 2019 19:03

Instrument :

MSVOA_W

ClientSampled :

SB-11-(0-2)

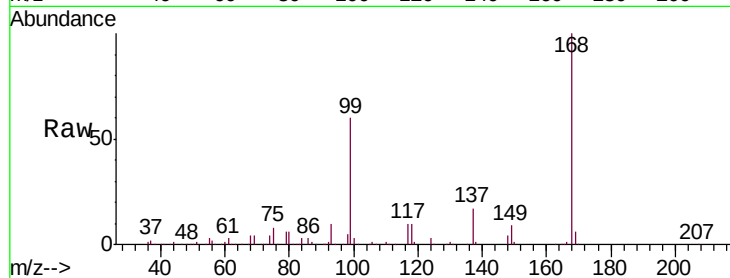
Tgt Ion: 56 Resp: 5525

Ion Ratio Lower Upper

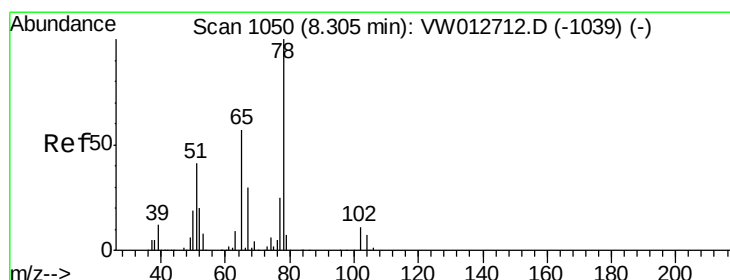
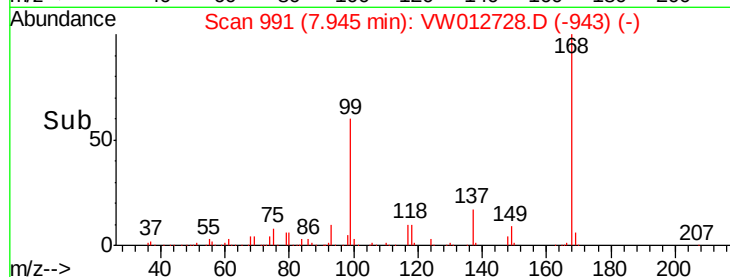
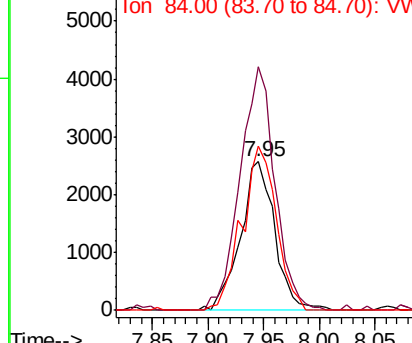
56 100

69 164.2 25.7 38.5#

84 111.1 60.4 90.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 52.334 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012728.D

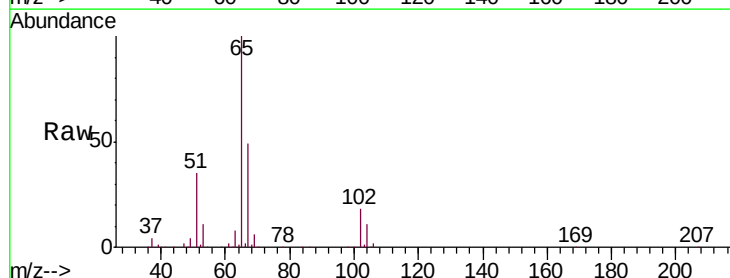
Acq: 07 Sep 2019 19:03

Tgt Ion: 65 Resp: 132945

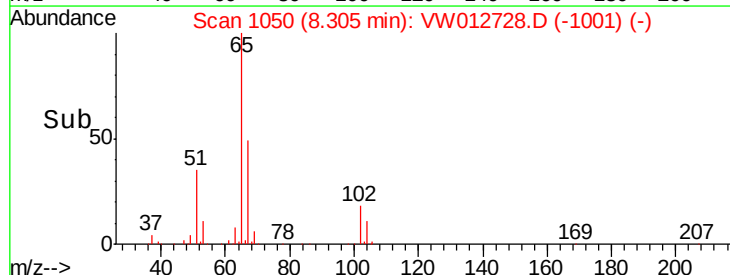
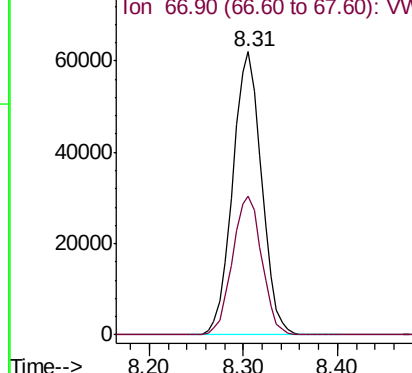
Ion Ratio Lower Upper

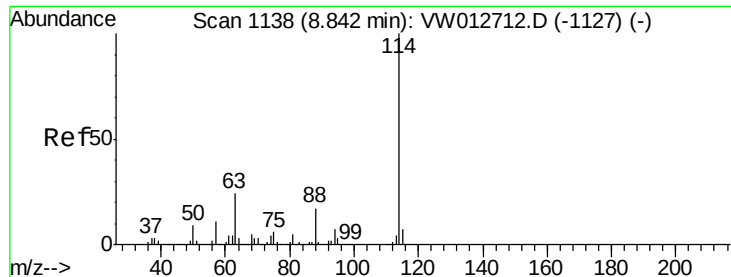
65 100

67 49.8 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

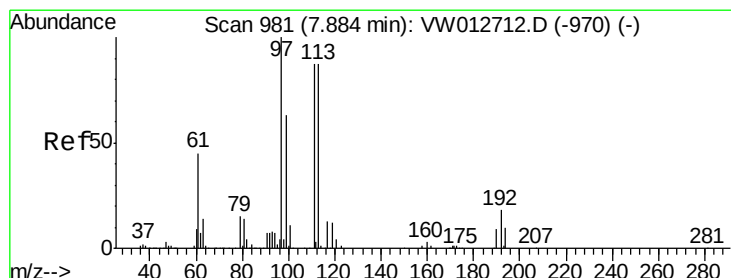
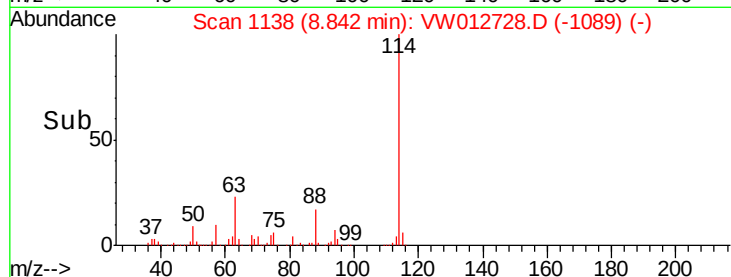
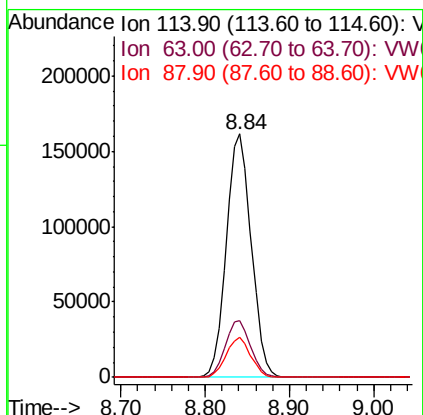
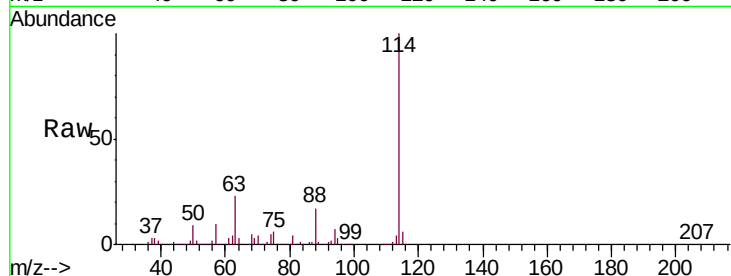




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012728.D
 Acq: 07 Sep 2019 19:03

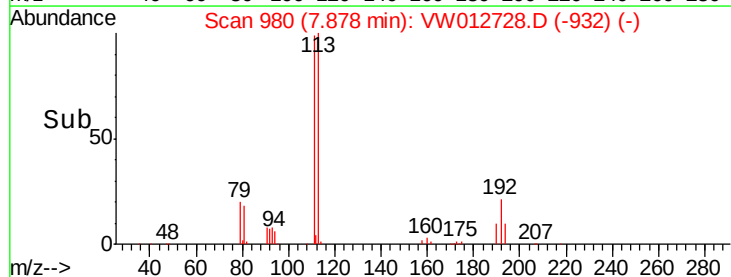
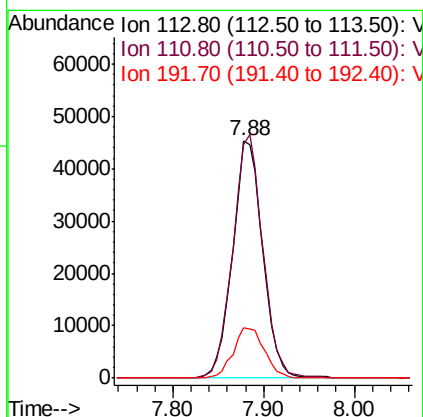
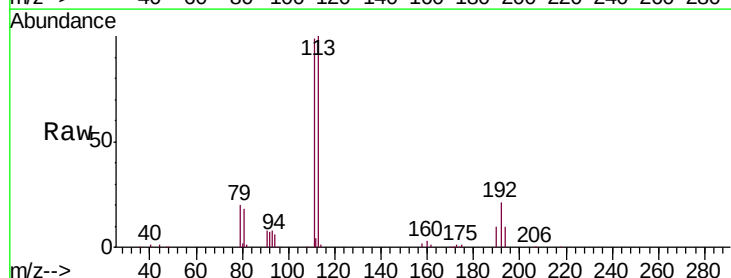
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(0-2)

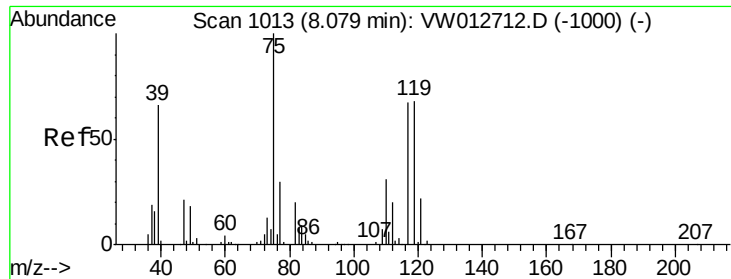
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.2
88	16.6	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 54.035 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012728.D
 Acq: 07 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.2	120.4
192	21.8	17.3	25.9

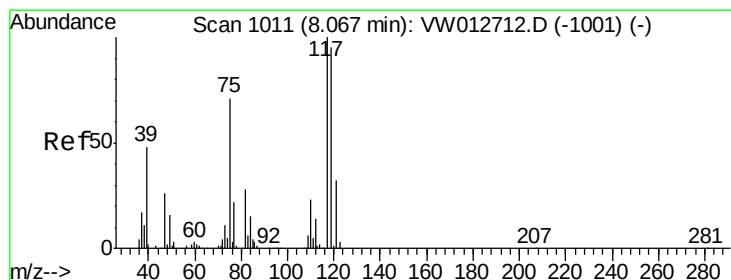
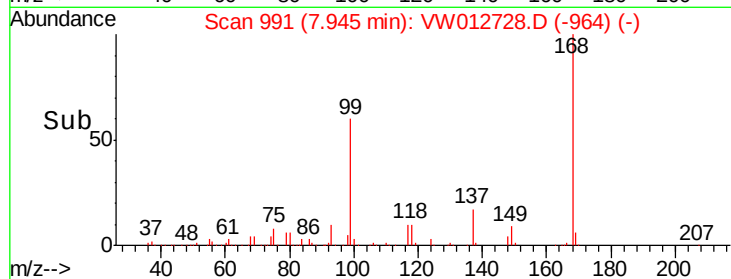
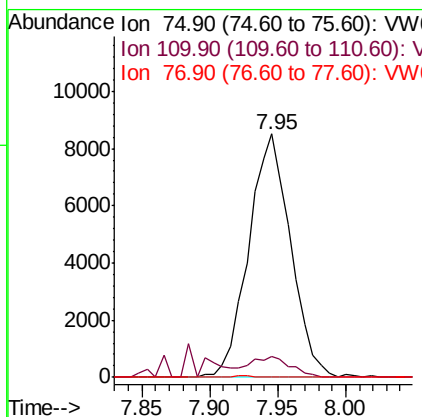
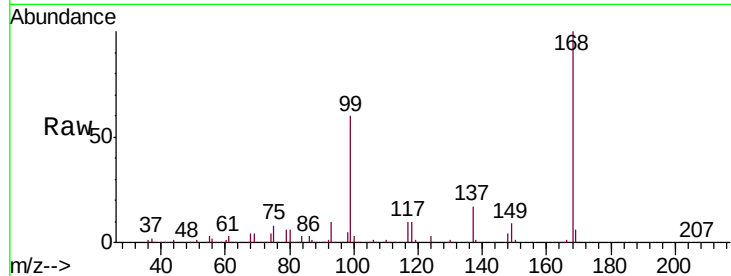




#36
 1,1-Dichloropropene
 Concen: 6.355 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012728.D
 Acq: 07 Sep 2019 19:03

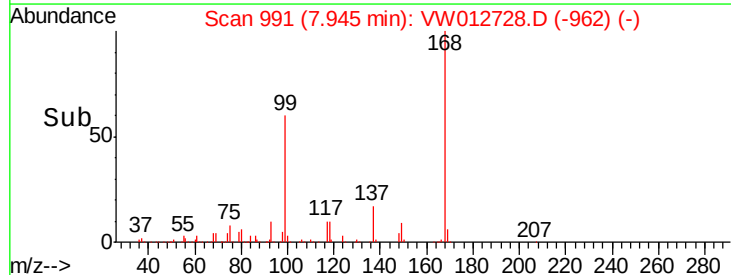
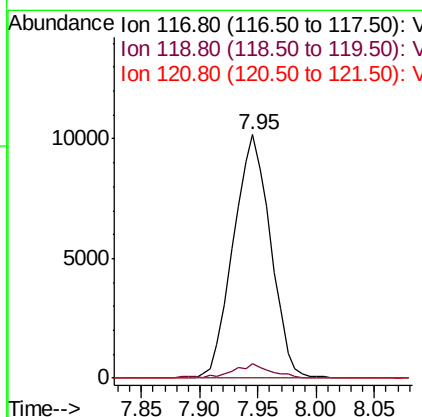
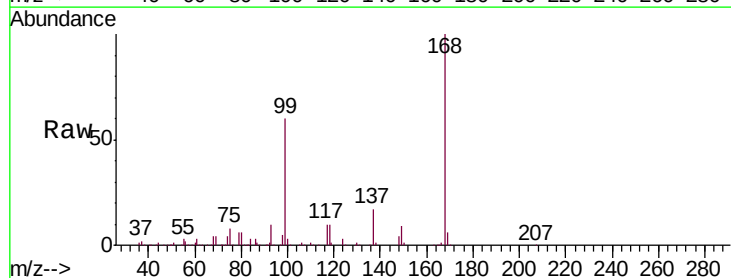
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(0-2)

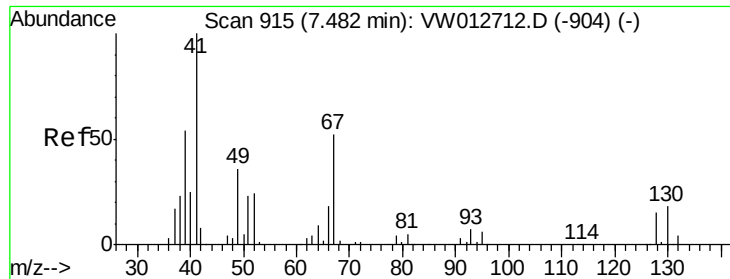
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.9	47.7#
77	0.3	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.961 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012728.D
 Acq: 07 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.2	114.2#
121	0.0	25.4	38.2#

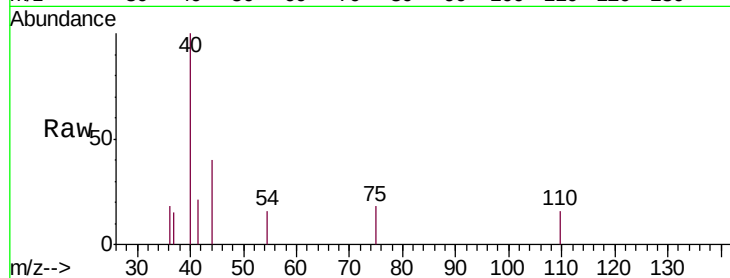




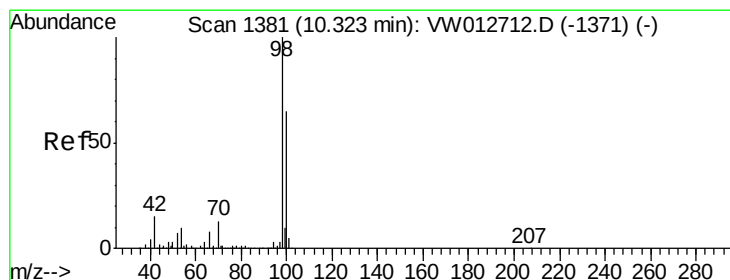
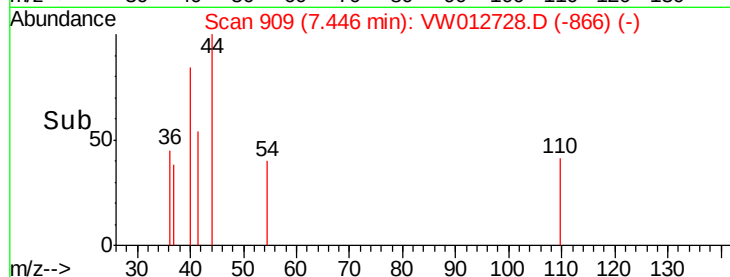
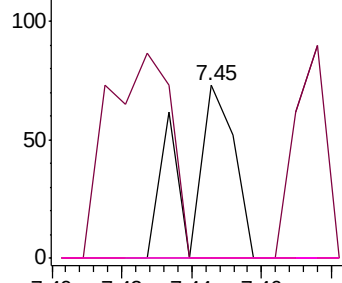
#41
Methacrylonitrile
Concen: 3.889 ug/l
RT: 7.45 min Scan# 909
Delta R.T. -0.04 min
Lab File: VW012728.D
Acq: 07 Sep 2019 19:03

Instrument :
MSVOA_W
ClientSampled :
SB-11-(0-2)

Tgt Ion: 41 Resp: 68
Ion Ratio Lower Upper
41 100
39 160.3 47.5 71.3#
67 0.0 45.1 67.7#
52 0.0 20.2 30.2#

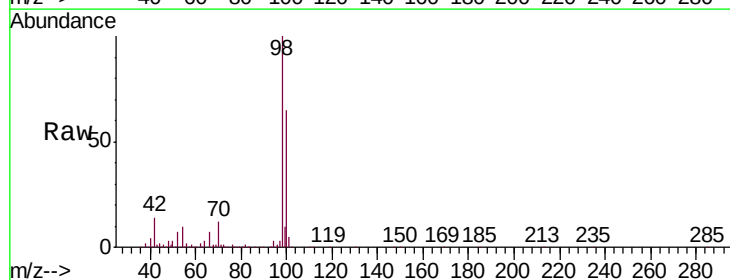


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

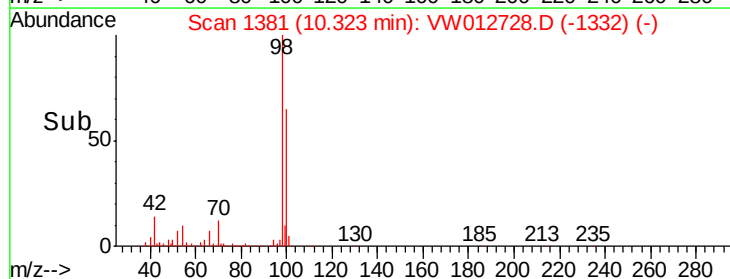
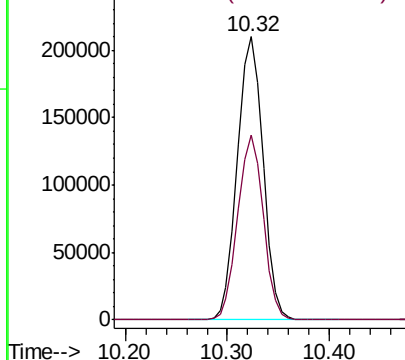


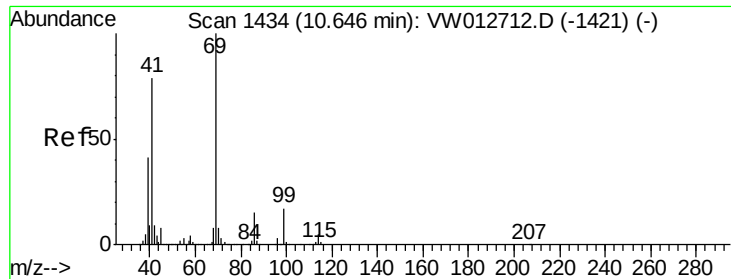
#50
Toluene-d8
Concen: 48.498 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012728.D
Acq: 07 Sep 2019 19:03

Tgt Ion: 98 Resp: 366761
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

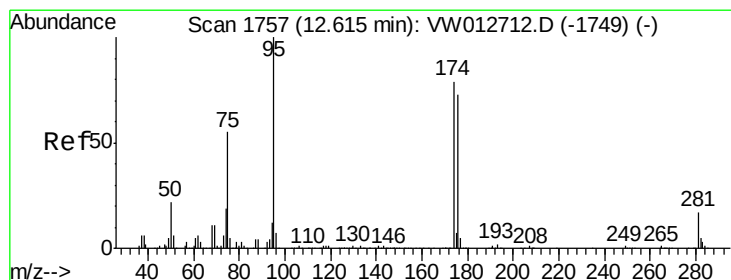
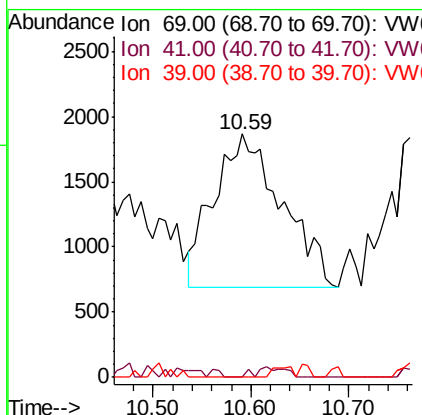
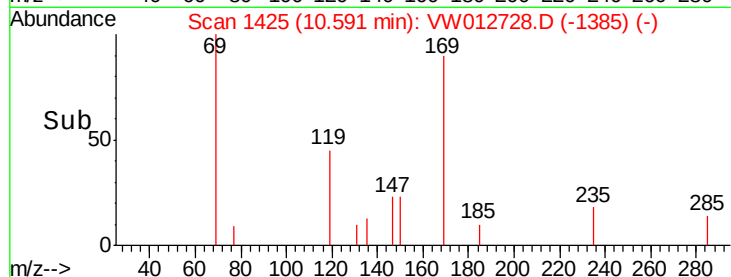
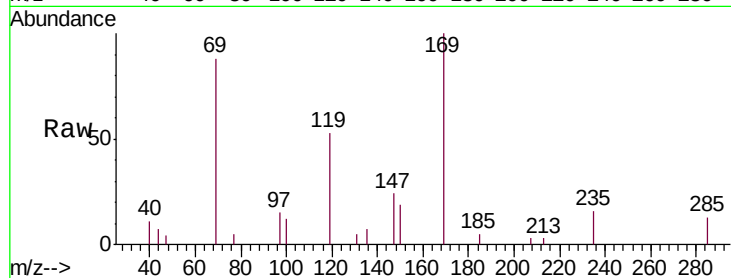




#56
 Ethyl methacrylate
 Concen: 2.463 ug/l
 RT: 10.59 min Scan# 1425
 Delta R.T. -0.05 min
 Lab File: VW012728.D
 Acq: 07 Sep 2019 19:03

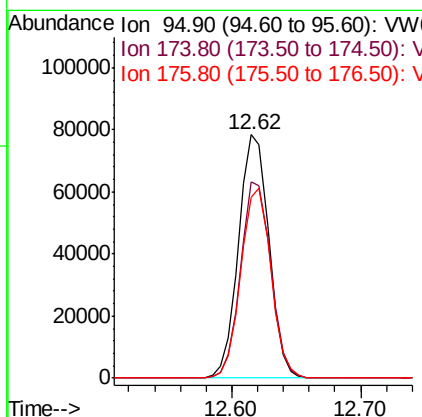
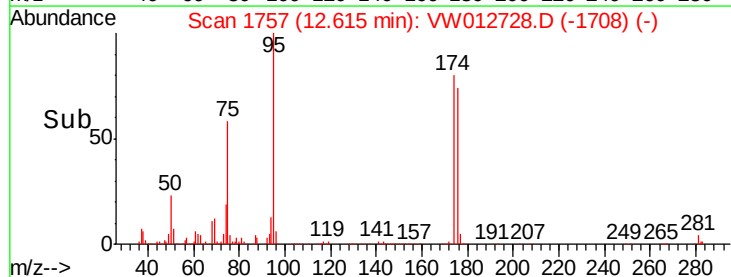
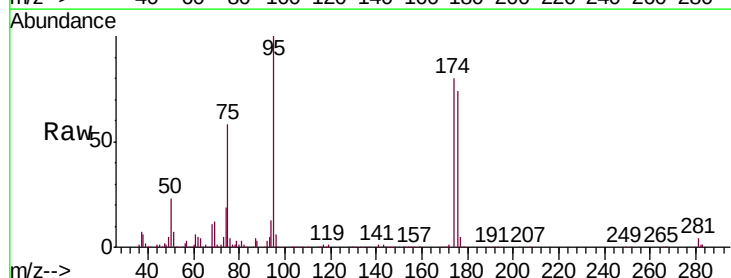
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(0-2)

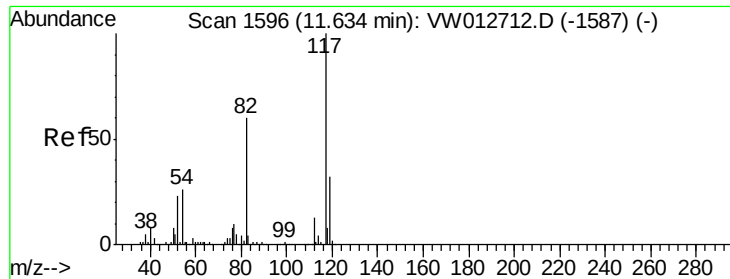
Tgt Ion: 69 Resp: 5673
 Ion Ratio Lower Upper
 69 100
 41 0.0 64.4 96.6#
 39 0.0 31.1 46.7#



#62
 4-Bromofluorobenzene
 Concen: 46.509 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012728.D
 Acq: 07 Sep 2019 19:03

Tgt Ion: 95 Resp: 127684
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 161.0
 176 77.3 0.0 156.4

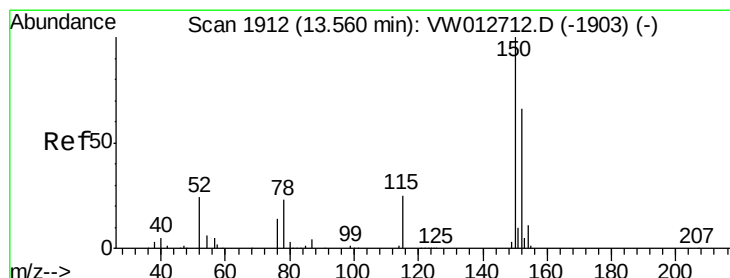
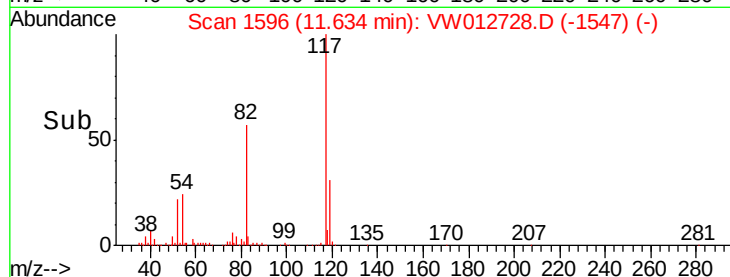
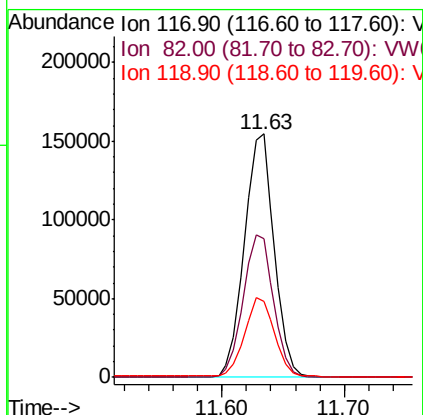
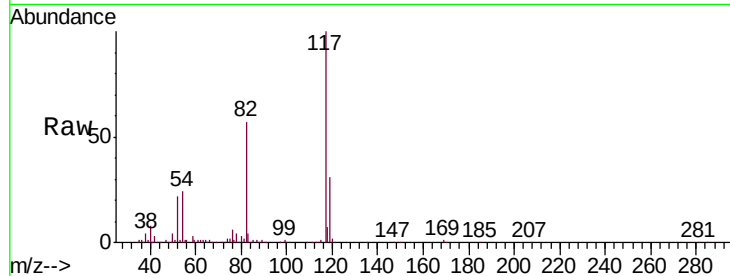




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012728.D
Acq: 07 Sep 2019 19:03

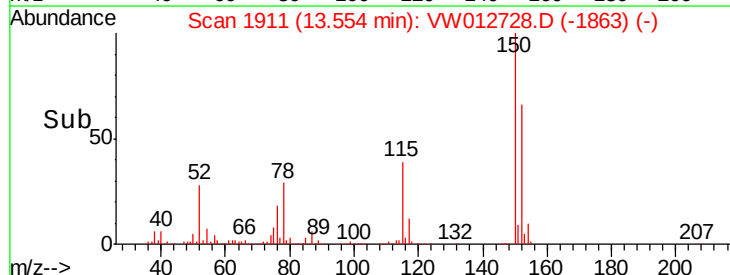
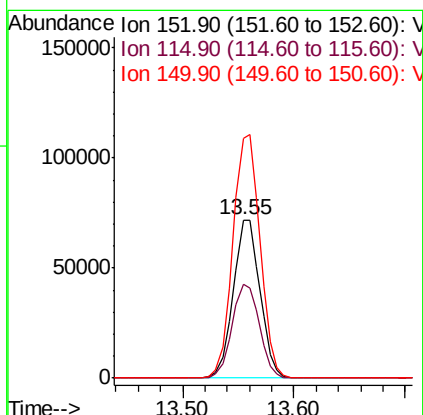
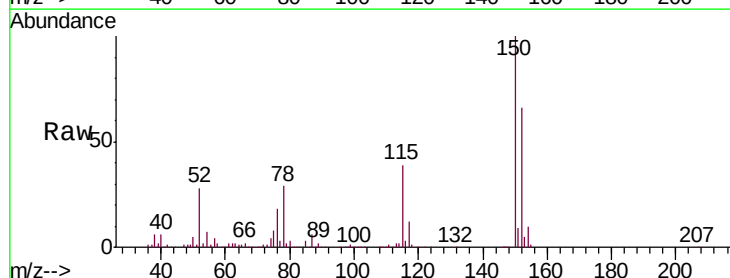
Instrument :
MSVOA_W
ClientSampleId :
SB-11-(0-2)

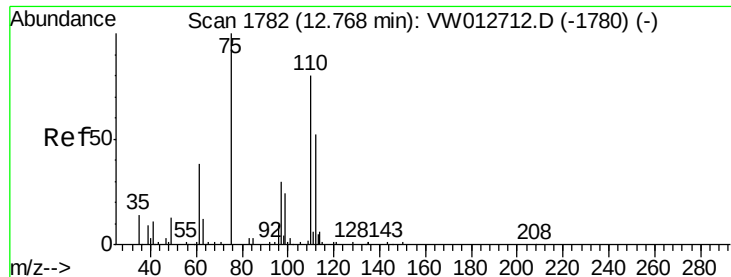
Tgt Ion:117 Resp: 261562
Ion Ratio Lower Upper
117 100
82 57.0 48.2 72.4
119 31.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012728.D
Acq: 07 Sep 2019 19:03

Tgt Ion:152 Resp: 119071
Ion Ratio Lower Upper
152 100
115 60.4 30.0 90.1
150 156.2 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 58.532 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012728.D

Acq: 07 Sep 2019 19:03

Instrument :

MSVOA_W

ClientSampled :

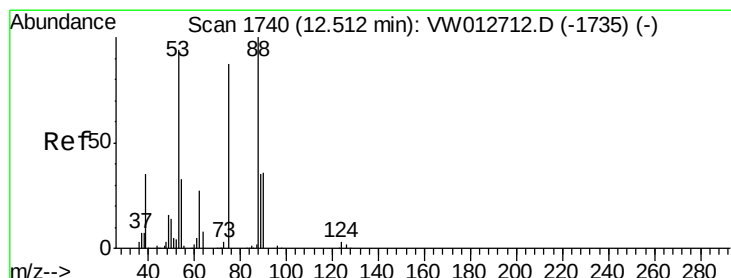
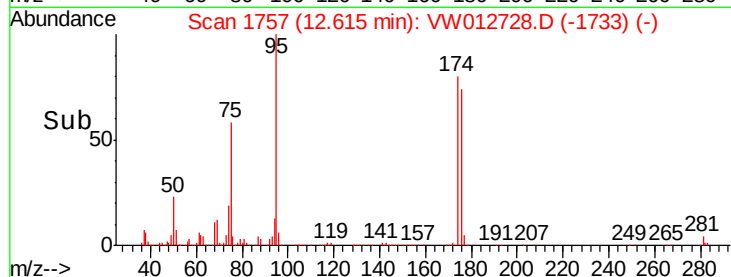
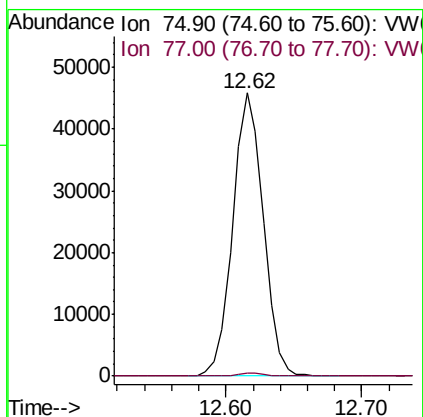
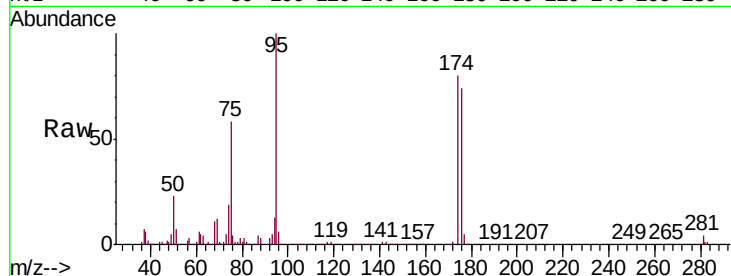
SB-11-(0-2)

Tgt Ion: 75 Resp: 71266

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.799 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012728.D

Acq: 07 Sep 2019 19:03

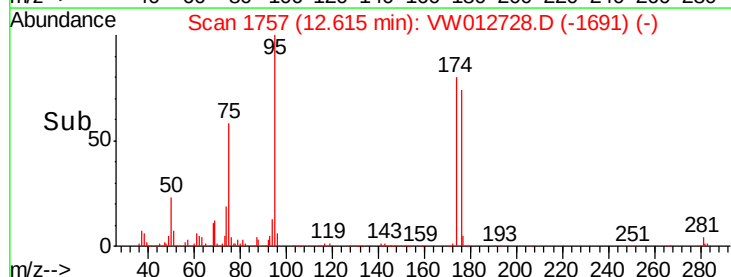
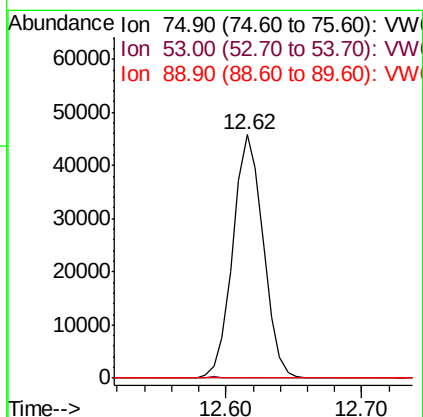
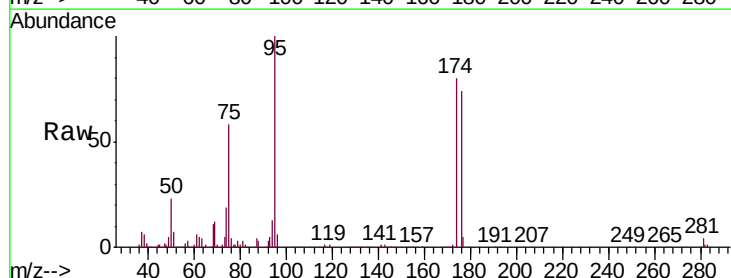
Tgt Ion: 75 Resp: 71266

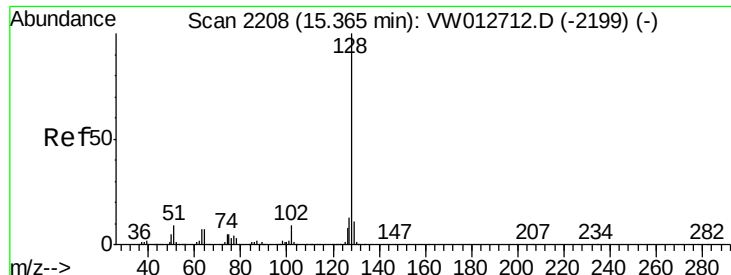
Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.1 35.5 53.3#





#95

Naphthalene

Concen: 4.467 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012728.D

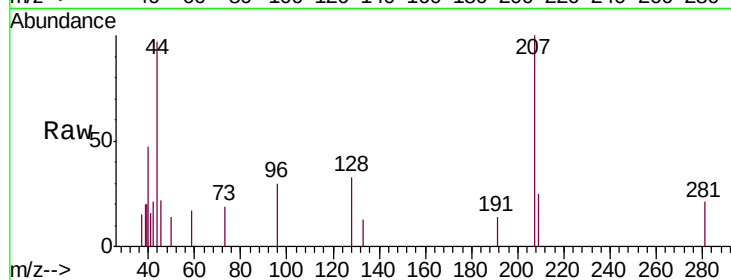
Acq: 07 Sep 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-11-(0-2)



Tgt Ion:	128	Resp:	155
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#

