

Data File : VW013442.D
Acq On : 04 Oct 2019 16:37
Operator : SY/VA
Sample : K5213-06
Misc : 5.06G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-3(5-10)

Quant Time: Oct 05 04:55:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	299238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	456348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	200086	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	123206	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	7.88	113	125172	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	10.32	98	515625	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.62	95	197042	59.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.76%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.11	59	13272	49.178	ug/l #	73
13) Acrolein	4.10	56	29	10.700	ug/l #	15
16) Acetone	4.15	43	14277	20.846	ug/l	98
17) Carbon Disulfide	4.37	76	10022	1.304	ug/l	99
20) Methylene Chloride	4.92	84	13896	3.184	ug/l	88
25) 2-Butanone	7.16	43	5418	6.183	ug/l #	81
27) cis-1,2-Dichloroethene	7.16	96	9095	2.962	ug/l	97
29) Tetrahydrofuran	7.54	42	53	9.793	ug/l #	66
31) Cyclohexane	7.95	56	30976	6.060	ug/l #	69
36) 1,1-Dichloropropene	7.94	75	19329	4.560	ug/l #	50
38) Carbon Tetrachloride	7.95	117	25723	7.006	ug/l #	17
39) Methylcyclohexane	9.33	83	129828	23.258	ug/l	94
43) Isopropyl Acetate	8.42	43	10140	2.880	ug/l #	50
44) Trichloroethene	9.09	130	3805	1.126	ug/l	89
47) Bromodichloromethane	9.62	83	5402	1.529	ug/l #	38
48) Methyl methacrylate	9.38	41	7236	4.277	ug/l #	13
51) 4-Methyl-2-Pentanone	10.22	43	3803	2.056	ug/l #	81
55) 1,1,2-Trichloroethane	10.76	97	135723	63.405	ug/l #	23
56) Ethyl methacrylate	10.66	69	48372	16.789	ug/l #	21
59) 2-Hexanone	10.93	43	174339	135.974	ug/l #	28
64) Tetrachloroethene	10.86	164	41159	16.035	ug/l	98
69) o-Xylene	12.17	106	6453	1.460	ug/l #	32
74) N-amyl acetate	12.25	43	625275	200.744	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.69	83	100379	40.521	ug/l #	70
76) 1,2,3-Trichloropropane	12.62	75	60428	33.981	ug/l #	100
78) n-propylbenzene	12.94	91	19772	1.174	ug/l	94
79) 2-Chlorotoluene	12.88	91	19943	2.133	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.62	75	60428	70.390	ug/l #	33
82) 4-Chlorotoluene	12.94	91	20845	2.128	ug/l #	1
83) tert-Butylbenzene	13.21	119	11436	1.077	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.25	105	19679	1.628	ug/l	94
85) sec-Butylbenzene	13.38	105	26673	1.822	ug/l	93
86) p-Isopropyltoluene	13.50	119	16891	1.245	ug/l #	51
89) n-Butylbenzene	13.80	91	35544	2.906	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100419\
Quantitation Report (Not Reviewed)

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S-3(5-10)

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	166662	74.344	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.50	75	8670	23.399	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.13	180	15973	3.808	ug/l #	1
95) Naphthalene	15.33	128	102012	14.417	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	38136	10.413	ug/l #	1

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

Data File : VW013442.D

Acq On : 04 Oct 2019 16:37

Operator : SY/VA

Sample : K5213-06

Misc : 5.06G/5ML/MSVOA W/SOIL

```
ALS Vial      : 13      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
S-3(5-10)

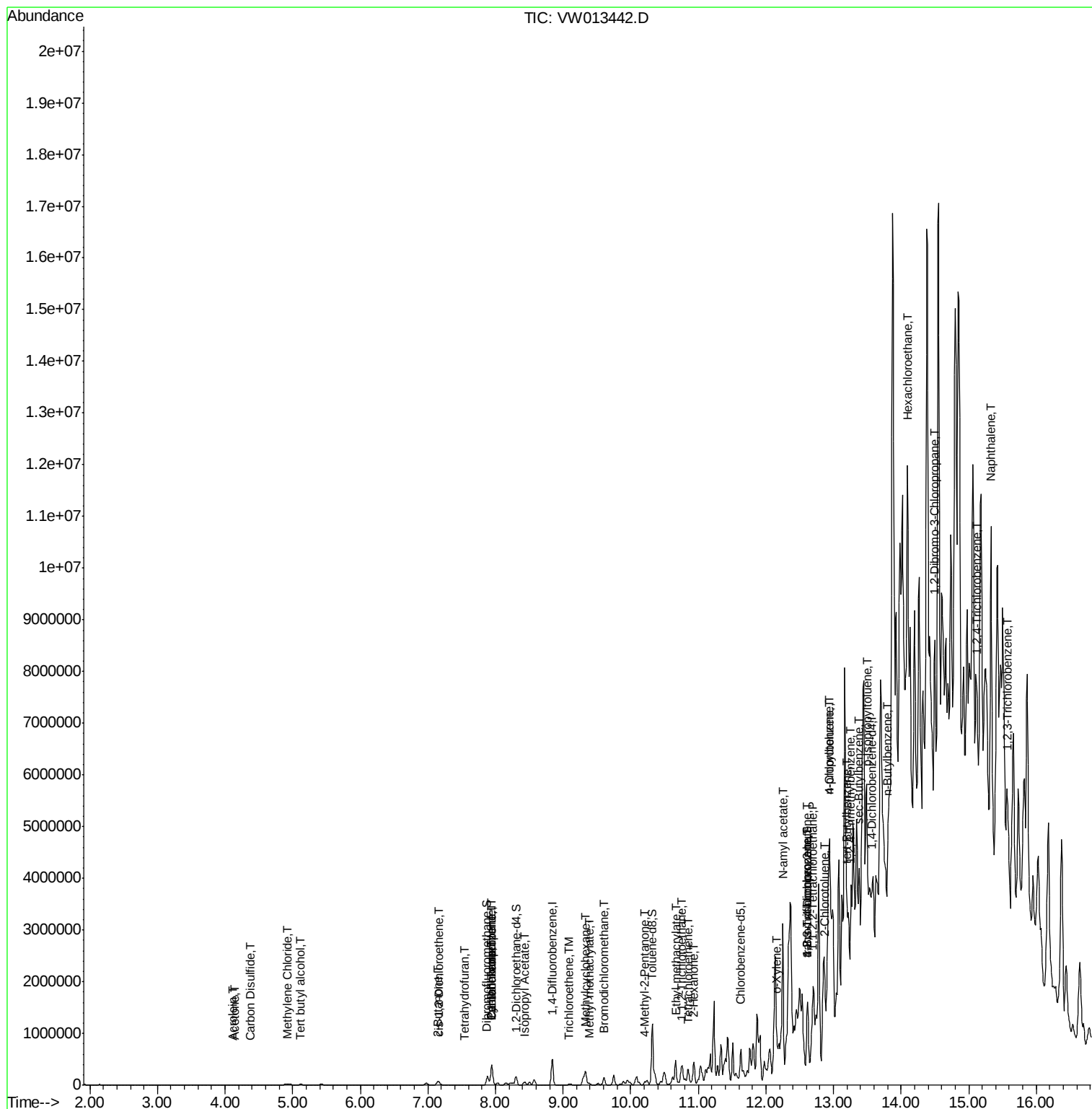
Quant Time: Oct 05 04:55:22 2019

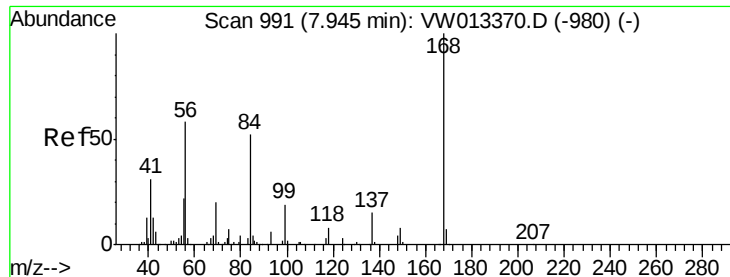
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W100119S.M

Quant Title : SW846 8260

QLast Update : Wed Oct 02 11:49:57 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: VW013442.D

Acq: 04 Oct 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

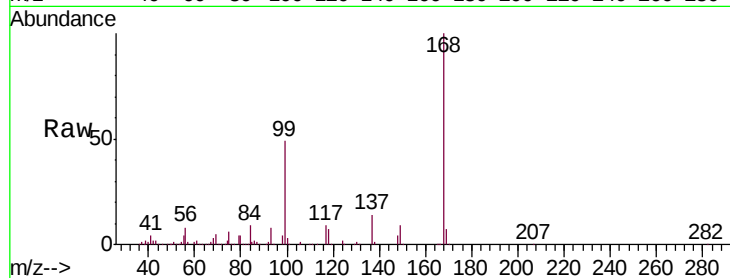
S-3(5-10)

Tgt Ion:168 Resp: 299238

Ion Ratio Lower Upper

168 100

99 48.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

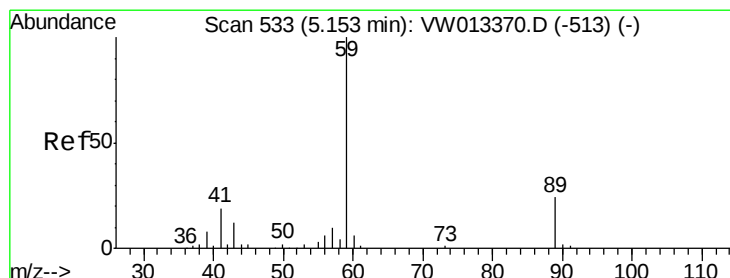
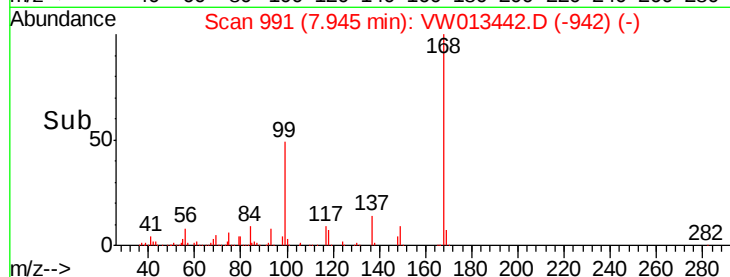
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 49.178 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.04 min

Lab File: VW013442.D

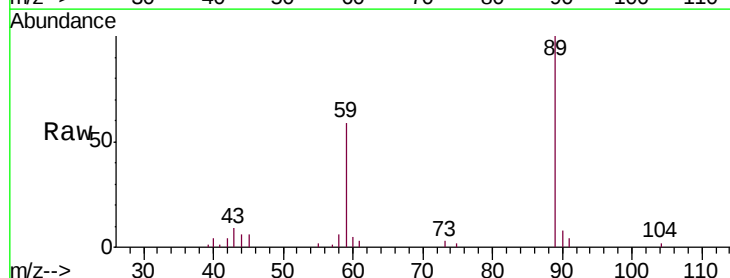
Acq: 04 Oct 2019 16:37

Tgt Ion: 59 Resp: 13272

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

4000

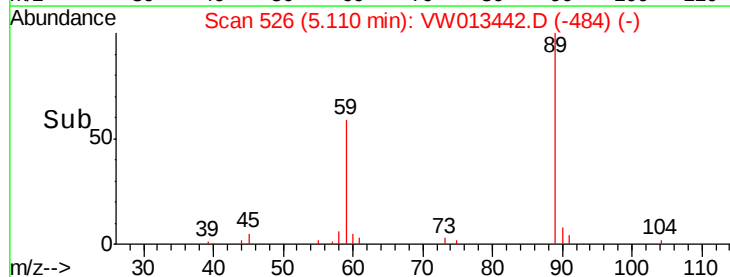
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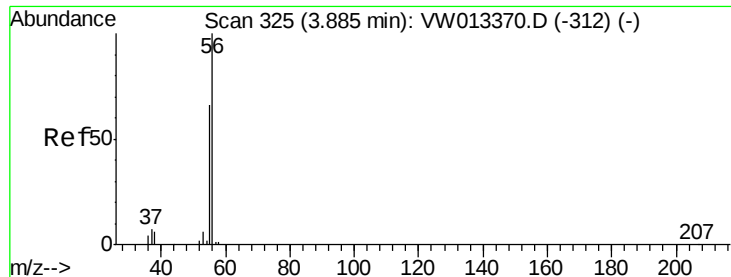
2000

1000

0

Time-->





#13

Acrolein

Concen: 10.700 ug/l

RT: 4.10 min Scan# 361

Delta R.T. 0.22 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

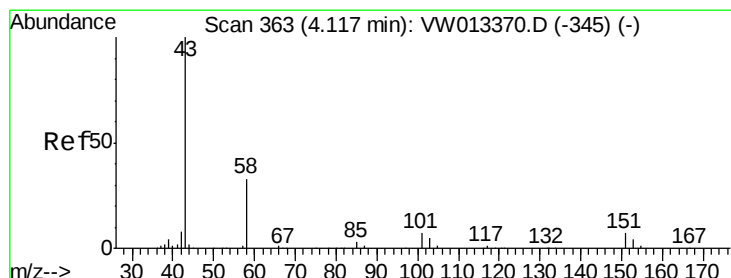
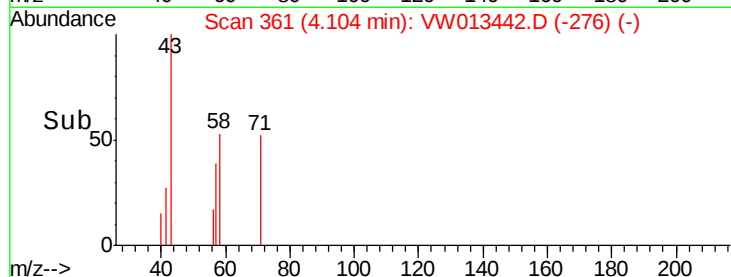
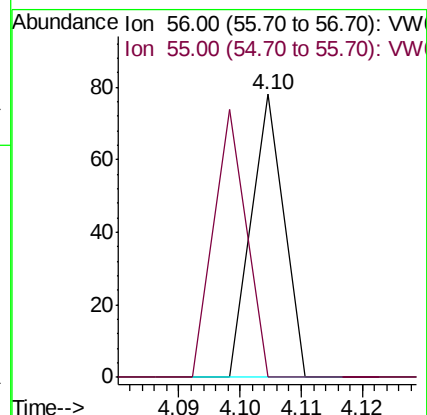
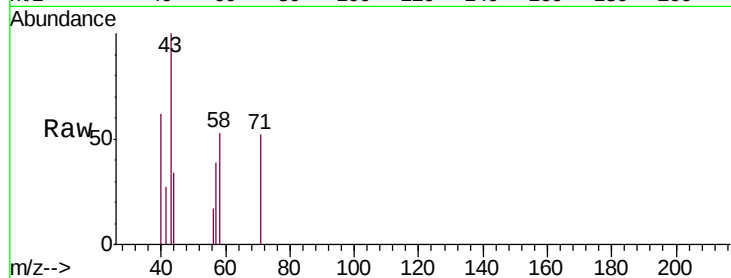
S-3(5-10)

Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



#16

Acetone

Concen: 20.846 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW013442.D

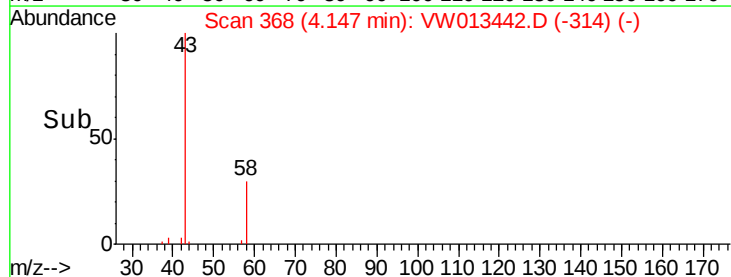
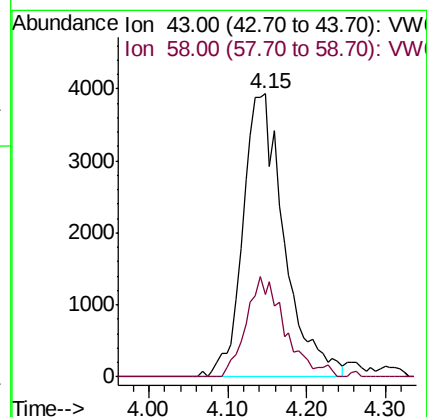
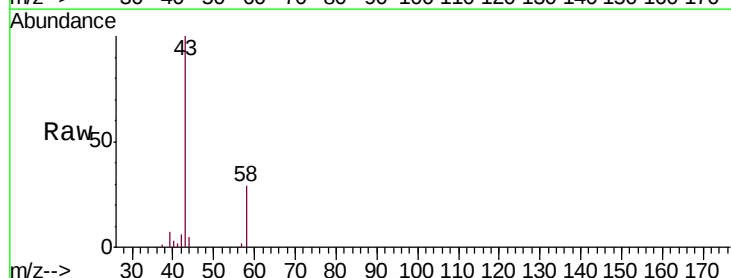
Acq: 04 Oct 2019 16:37

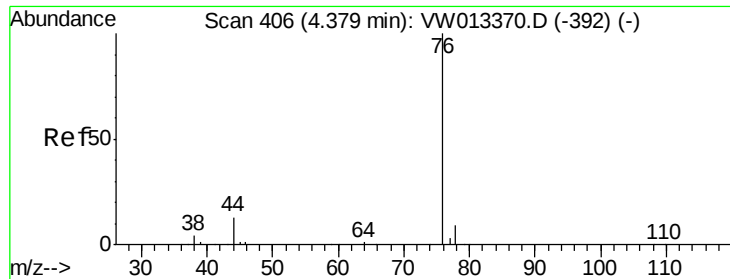
Tgt Ion: 43 Resp: 14277

Ion Ratio Lower Upper

43 100

58 29.1 24.1 36.1





#17

Carbon Disulfide

Concen: 1.304 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

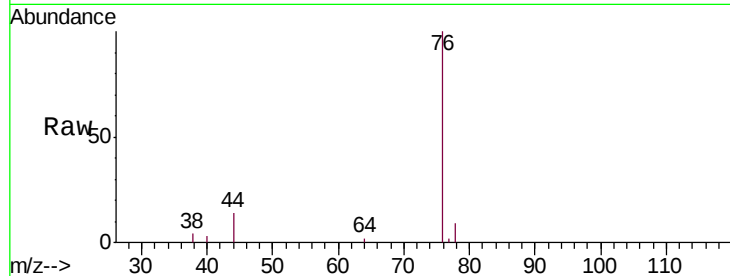
S-3(5-10)

Tgt Ion: 76 Resp: 10022

Ion Ratio Lower Upper

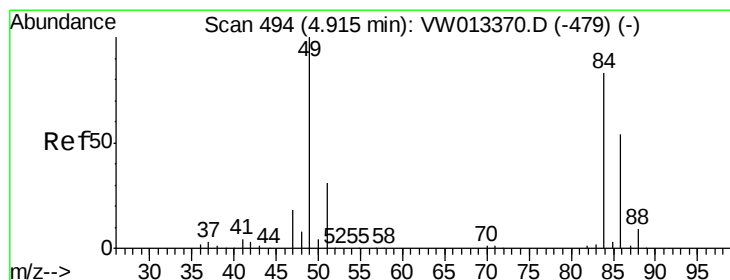
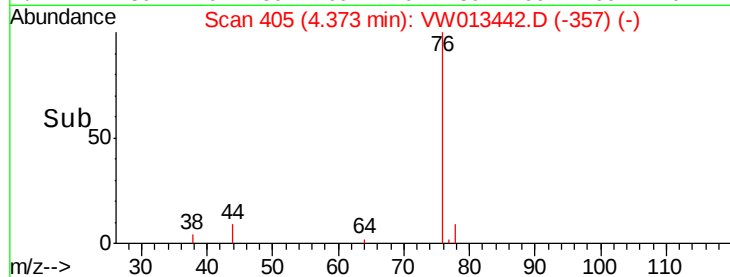
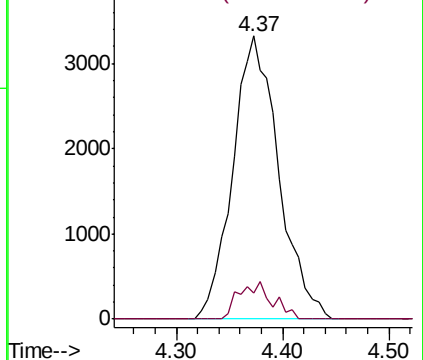
76 100

78 9.1 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 3.184 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Tgt Ion: 84 Resp: 13896

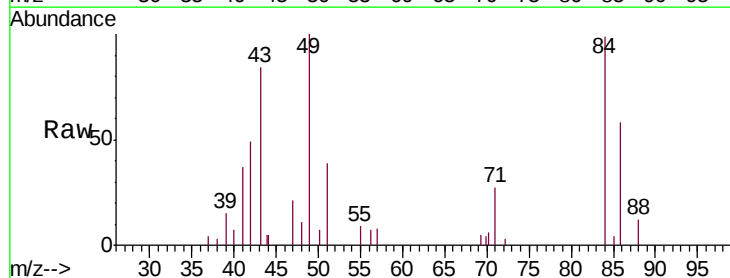
Ion Ratio Lower Upper

84 100

49 101.0 97.6 146.4

51 39.2 30.2 45.2

86 58.9 50.6 76.0

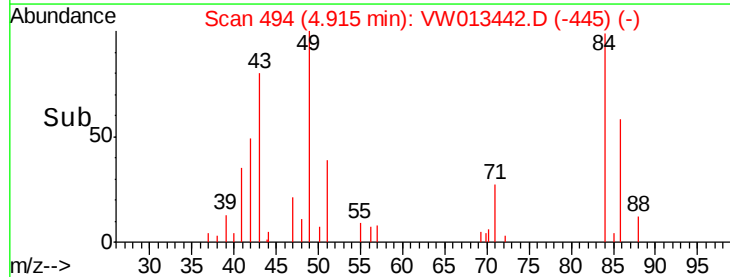
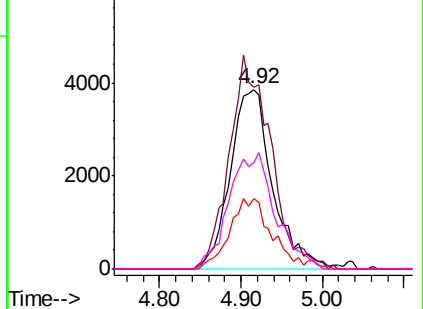


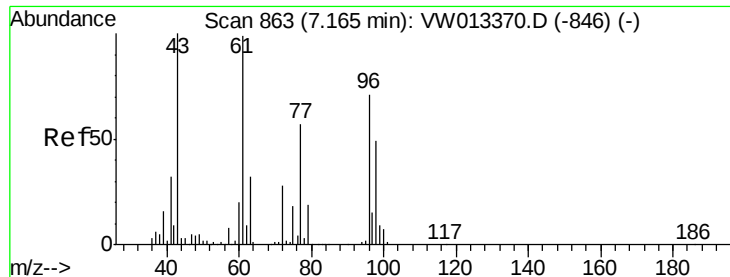
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

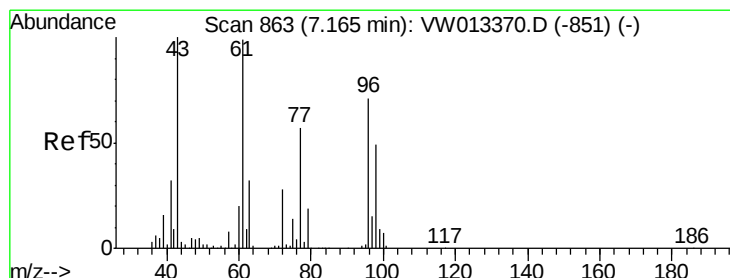
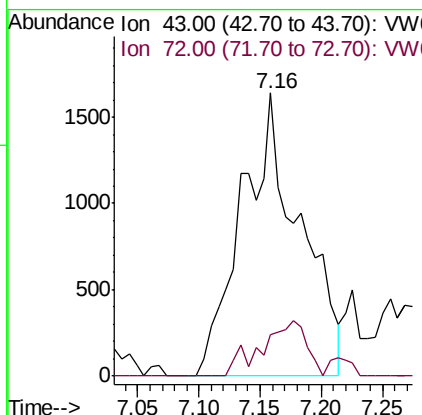
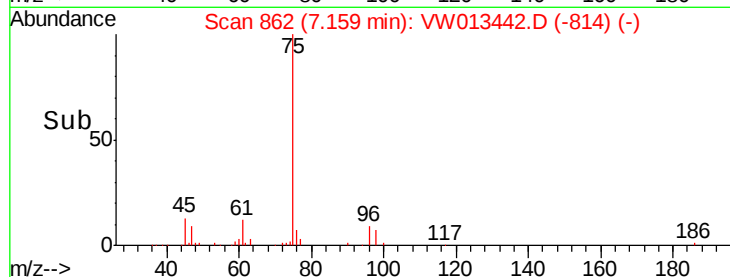
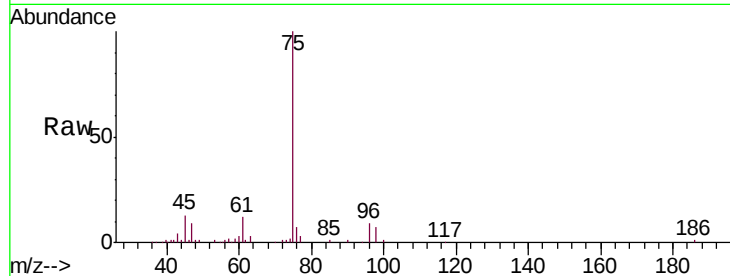




#25
2-Butanone
Concen: 6.183 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

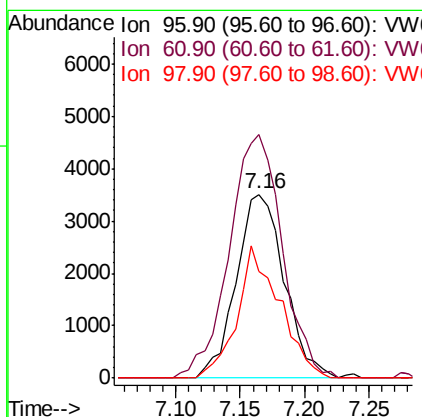
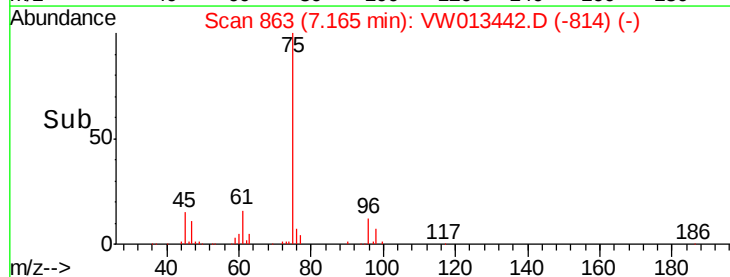
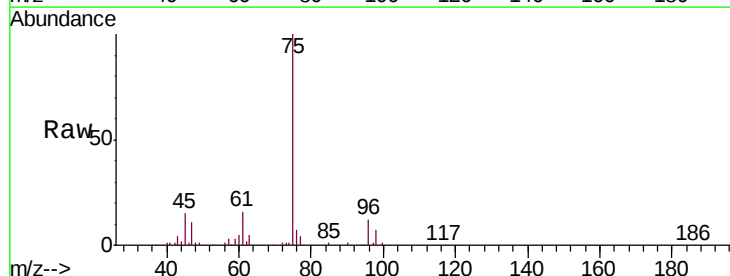
Instrument :
MSVOA_W
ClientSampleId :
S-3(5-10)

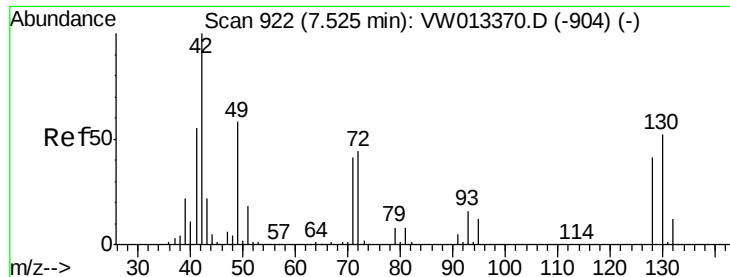
Tgt Ion: 43 Resp: 5418
Ion Ratio Lower Upper
43 100
72 14.8 19.4 29.0#



#27
cis-1,2-Dichloroethene
Concen: 2.962 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

Tgt Ion: 96 Resp: 9095
Ion Ratio Lower Upper
96 100
61 145.7 0.0 282.4
98 63.5 0.0 128.2





#29

Tetrahydrofuran

Concen: 9.793 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

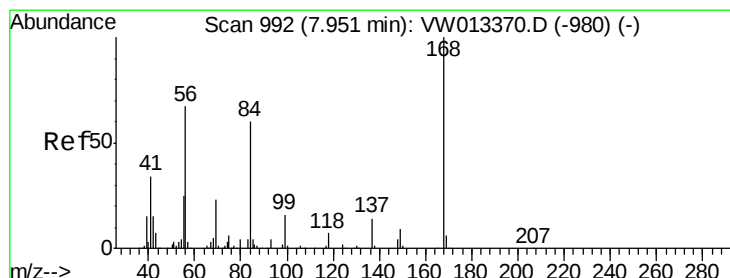
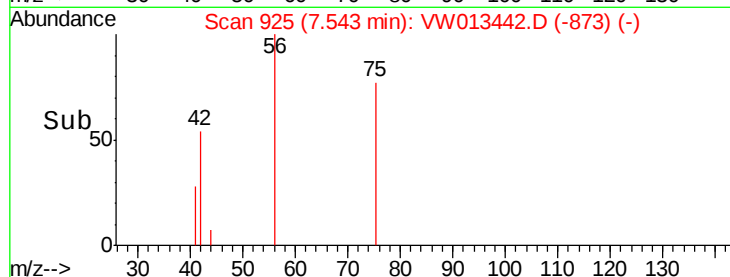
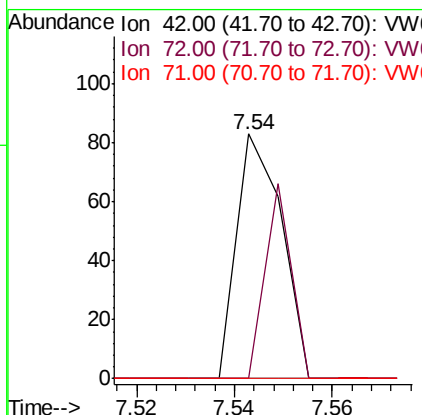
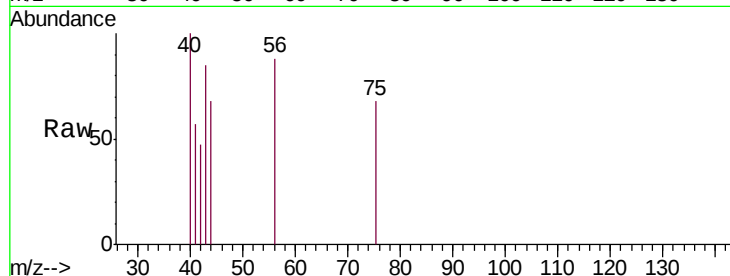
Instrument :

MSVOA_W

ClientSampled :

S-3(5-10)

Tgt Ion:	42	Resp:	53
Ion	Ratio	Lower	Upper
42	100		
72	45.3	33.9	50.9
71	0.0	31.9	47.9#



#31

Cyclohexane

Concen: 6.060 ug/l

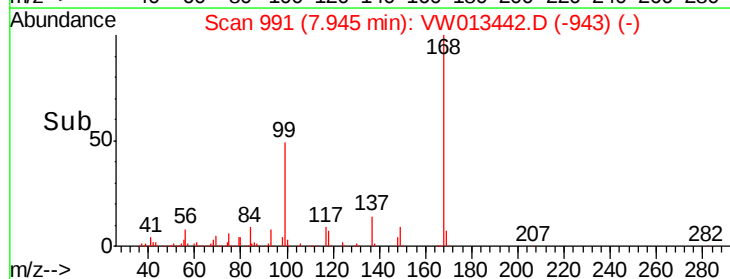
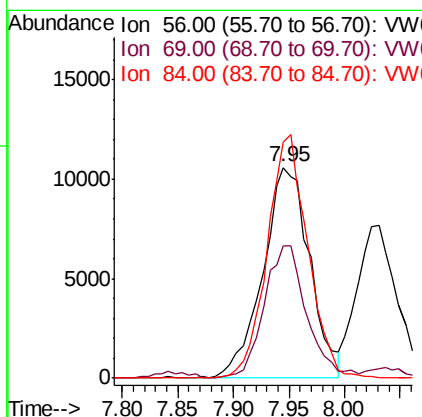
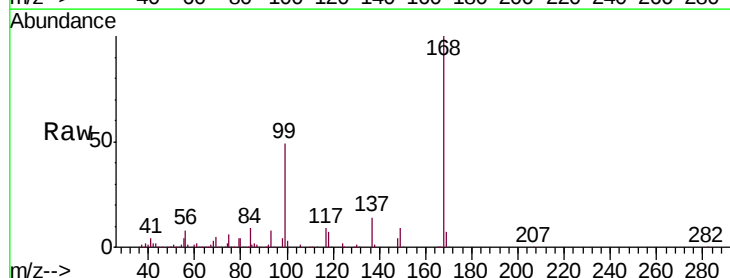
RT: 7.95 min Scan# 991

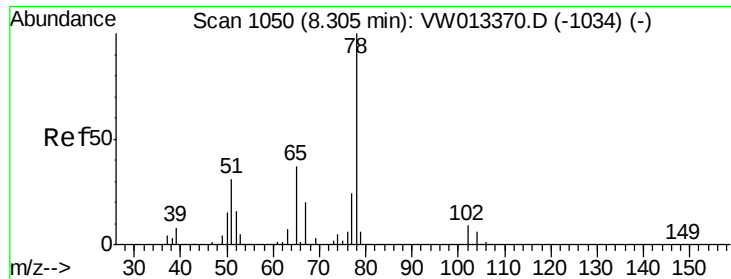
Delta R.T. -0.01 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Tgt Ion:	56	Resp:	30976
Ion	Ratio	Lower	Upper
56	100		
69	61.3	27.2	40.8#
84	111.9	70.8	106.2#

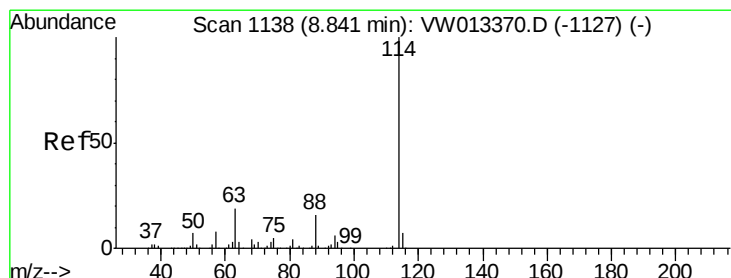
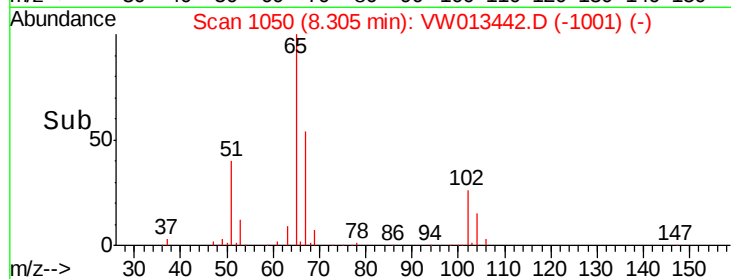
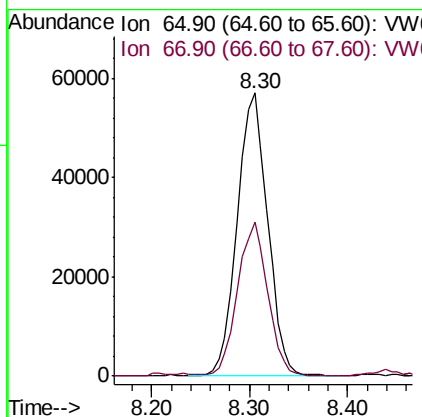
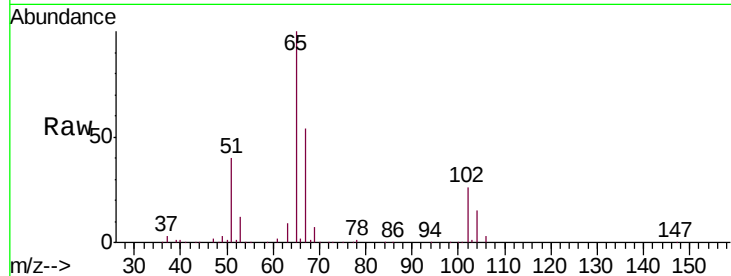




#33
 1,2-Dichloroethane-d4
 Concen: 55.142 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

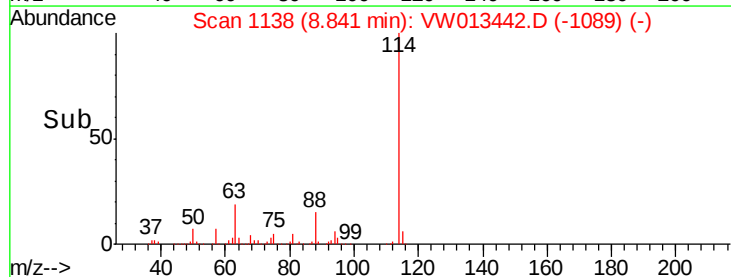
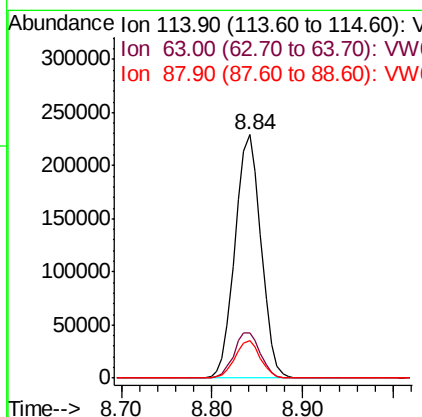
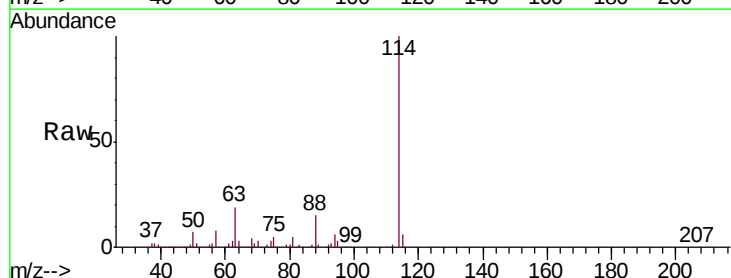
Instrument :
 MSVOA_W
 ClientSampleId :
 S-3(5-10)

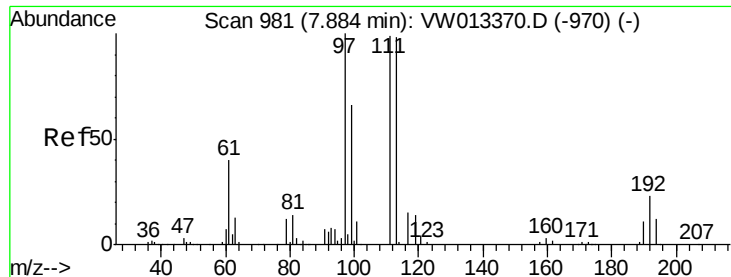
Tgt Ion: 65 Resp: 123206
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Tgt Ion: 114 Resp: 456348
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.4
 88 15.4 0.0 32.0

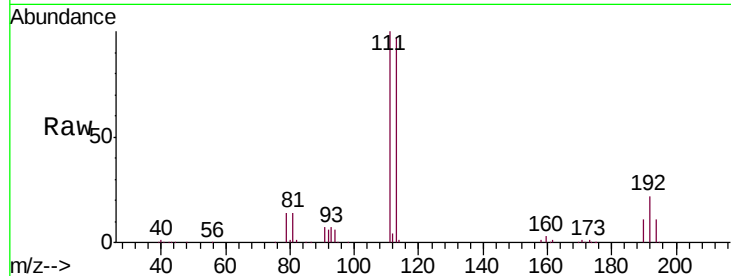




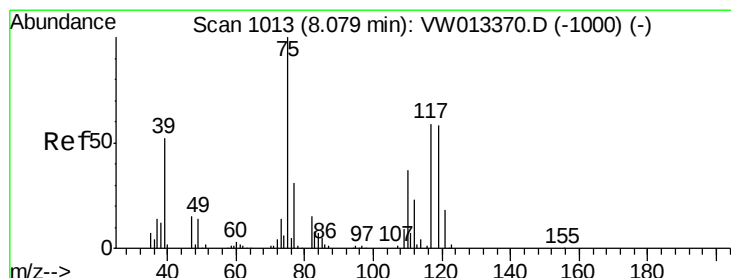
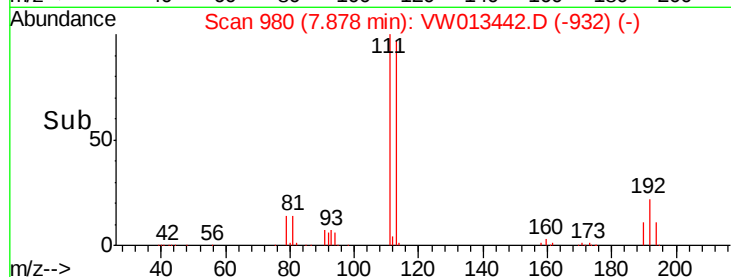
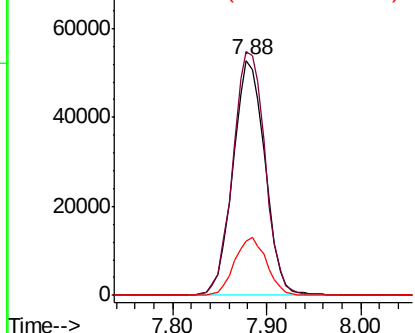
#35
 Dibromofluoromethane
 Concen: 52.273 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Instrument :
 MSVOA_W
 ClientSampleId :
 S-3(5-10)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.9	122.9
192	24.6	19.1	28.7

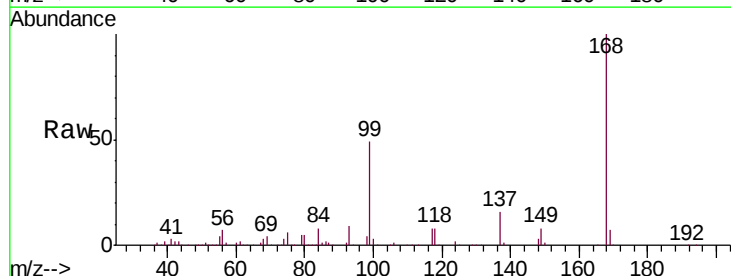


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

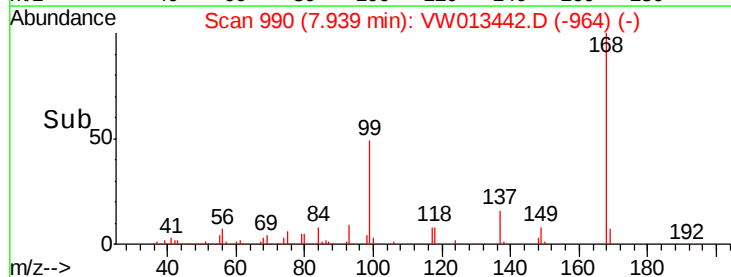
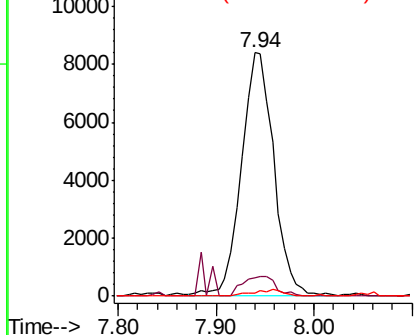


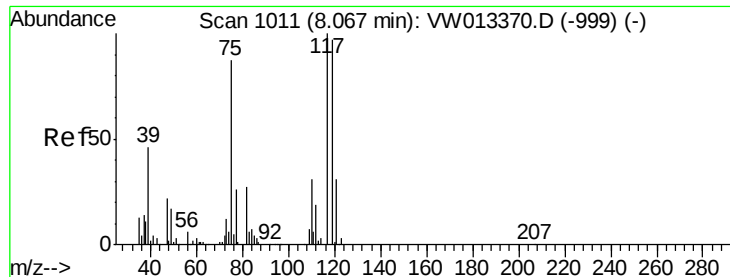
#36
 1,1-Dichloropropene
 Concen: 4.560 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.3#
77	2.4	25.8	38.6#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

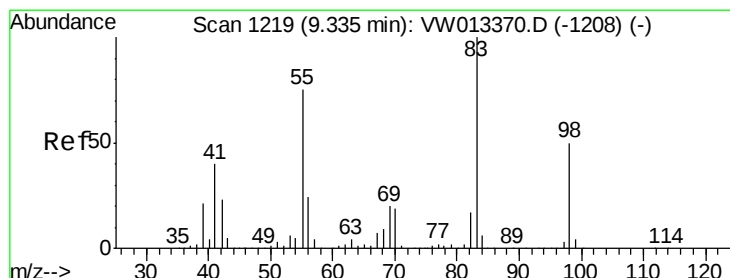
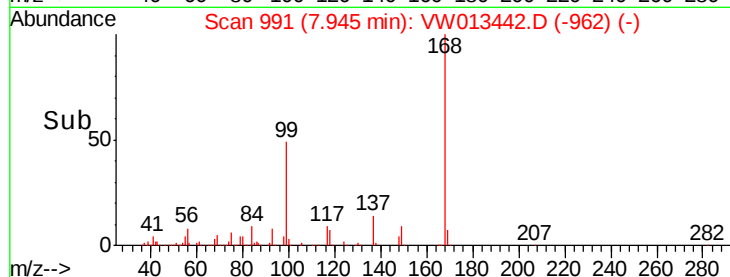
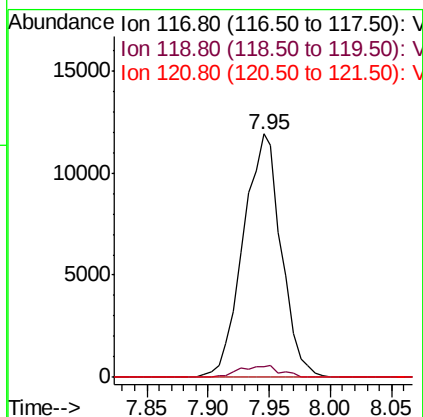
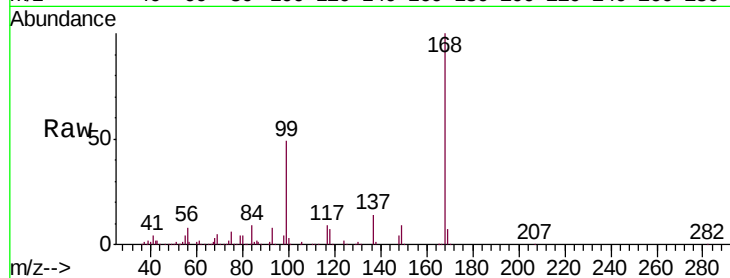




#38
Carbon Tetrachloride
Concen: 7.006 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

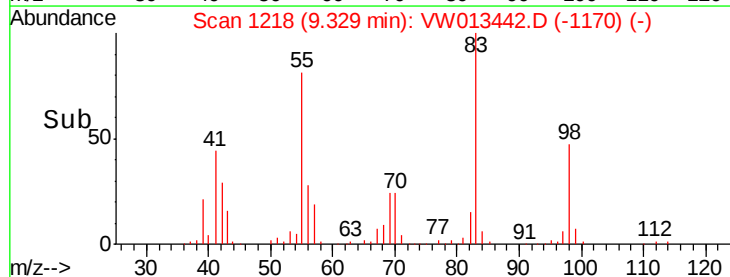
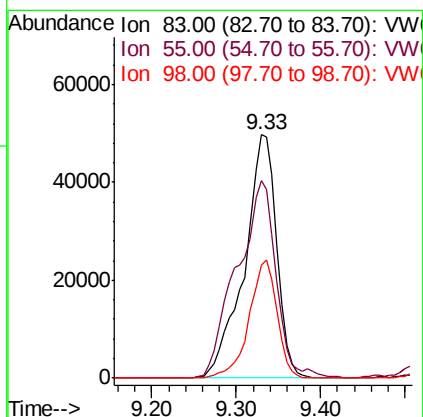
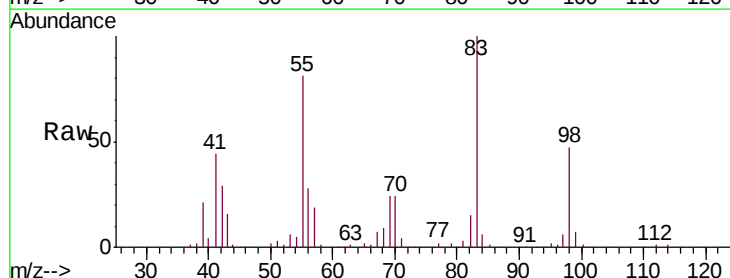
Instrument :
MSVOA_W
ClientSampleId :
S-3(5-10)

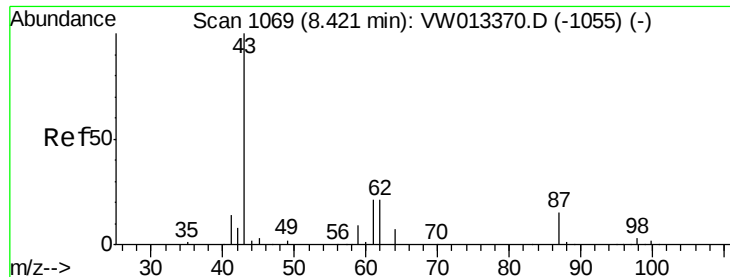
Tgt Ion: 117 Resp: 25723
Ion Ratio Lower Upper
117 100
119 4.4 73.5 110.3#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 23.258 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

Tgt Ion: 83 Resp: 129828
Ion Ratio Lower Upper
83 100
55 81.1 60.4 90.6
98 46.7 40.0 60.0





#43

Isopropyl Acetate

Concen: 2.880 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Instrument :

MSVOA_W

ClientSampled :

S-3(5-10)

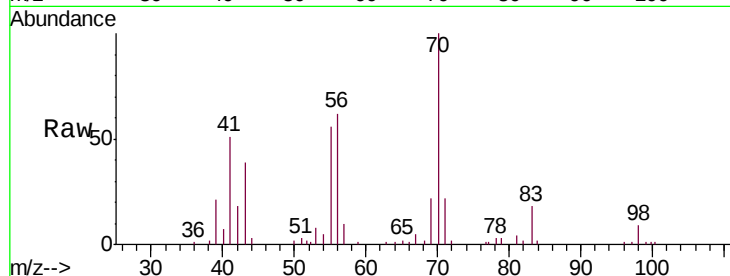
Tgt Ion: 43 Resp: 10140

Ion Ratio Lower Upper

43 100

61 0.0 25.5 38.3#

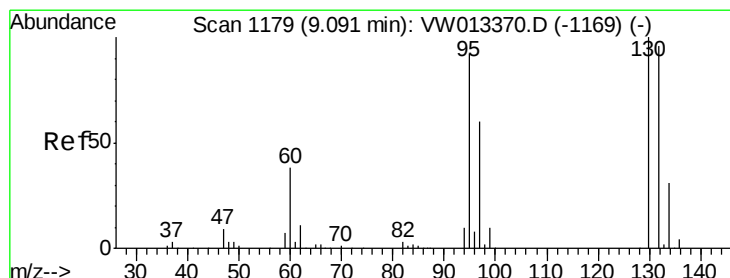
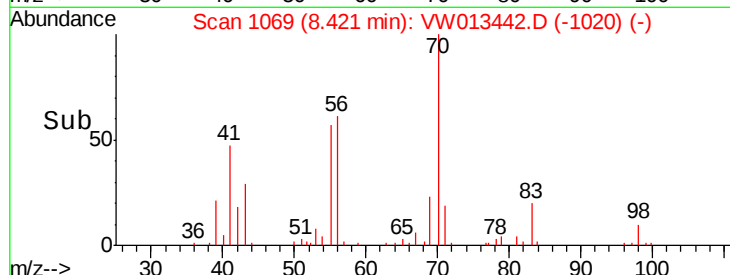
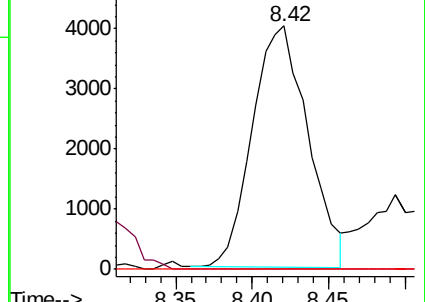
87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 1.126 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013442.D

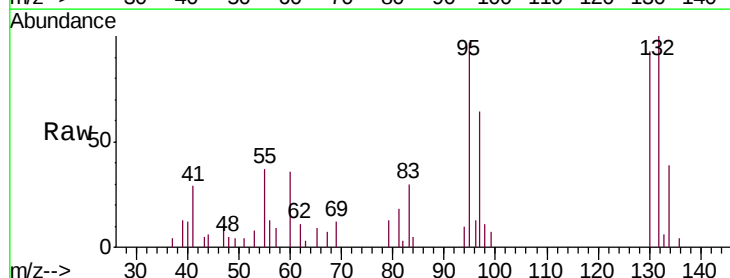
Acq: 04 Oct 2019 16:37

Tgt Ion: 130 Resp: 3805

Ion Ratio Lower Upper

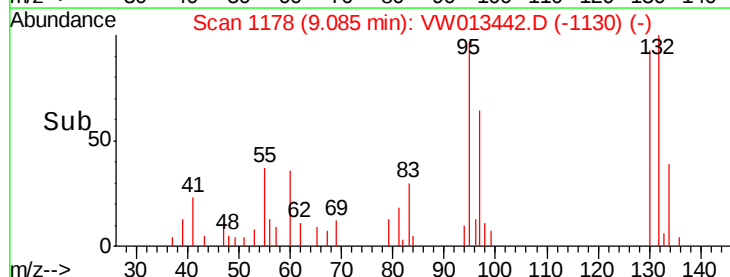
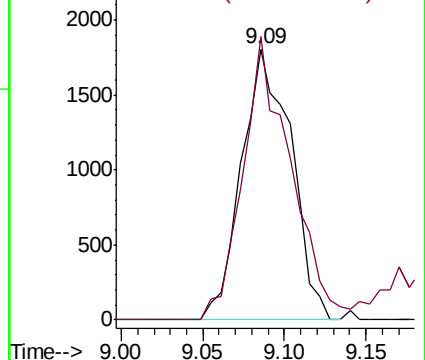
130 100

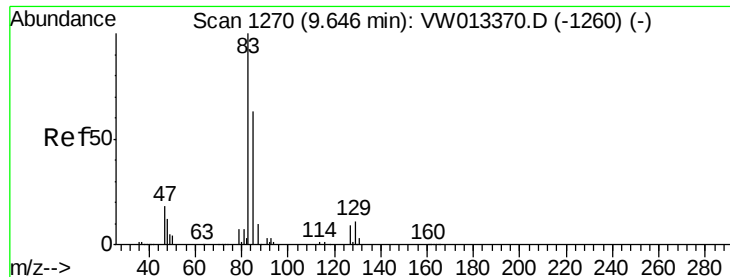
95 104.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#47

Bromodichloromethane

Concen: 1.529 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Instrument :

MSVOA_W

ClientSampled :

S-3(5-10)

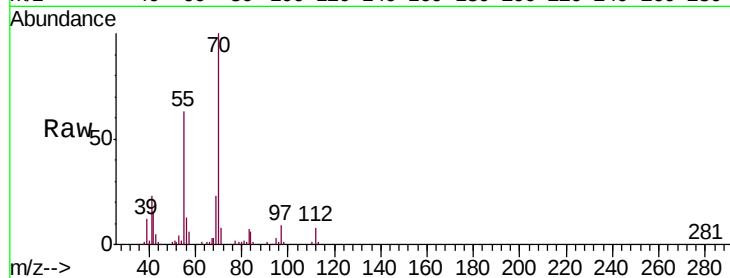
Tgt Ion: 83 Resp: 5402

Ion Ratio Lower Upper

83 100

85 10.1 49.4 74.2#

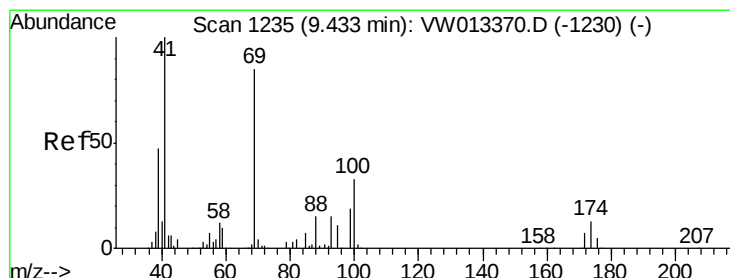
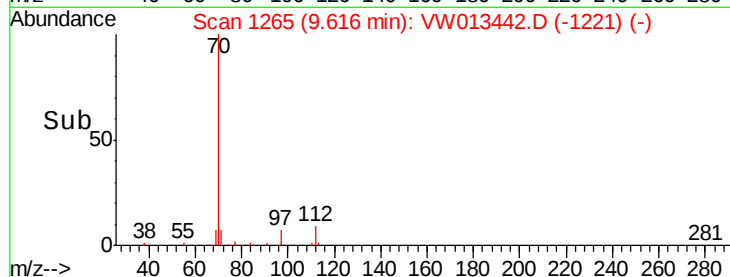
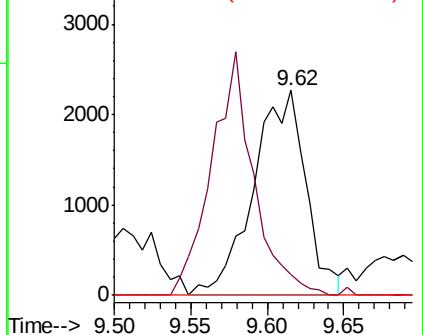
127 0.0 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.277 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.05 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

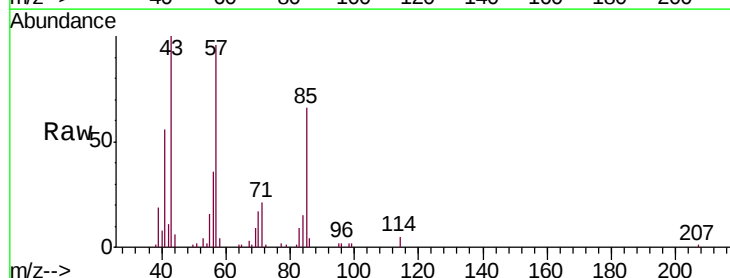
Tgt Ion: 41 Resp: 7236

Ion Ratio Lower Upper

41 100

69 0.0 69.7 104.5#

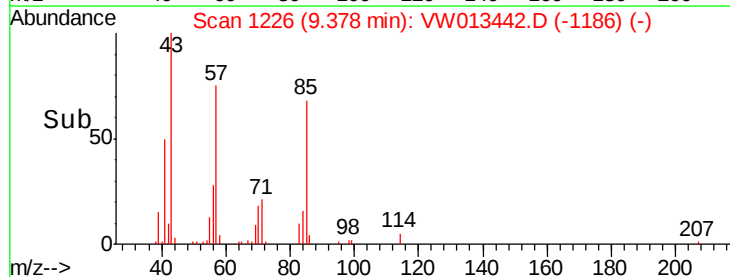
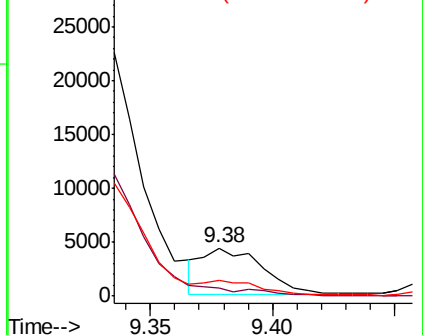
39 0.0 41.1 61.7#

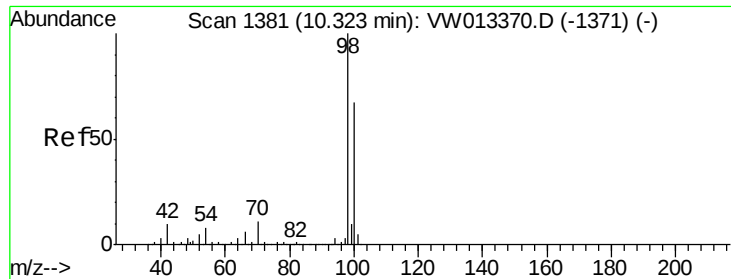


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

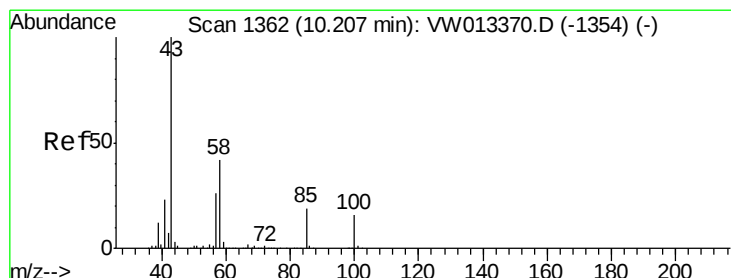
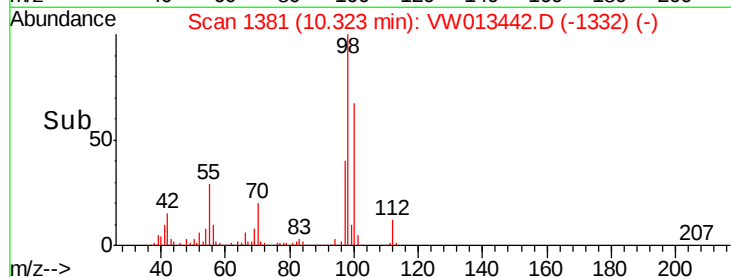
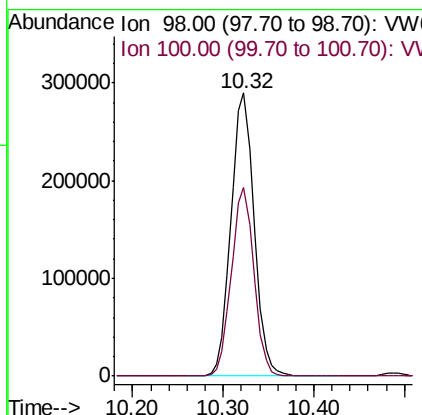
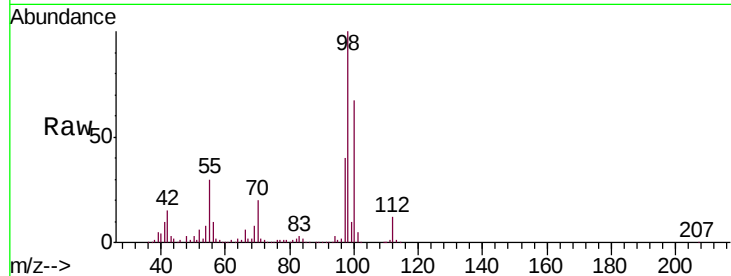




#50
Toluene-d8
Concen: 51.889 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

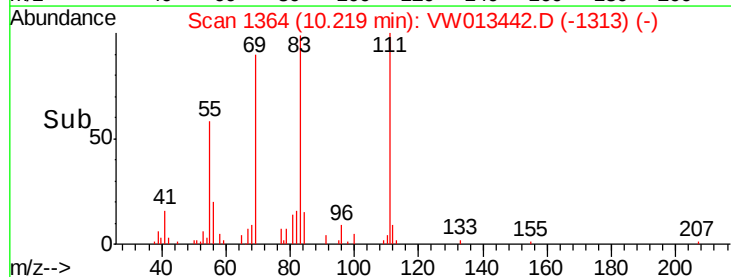
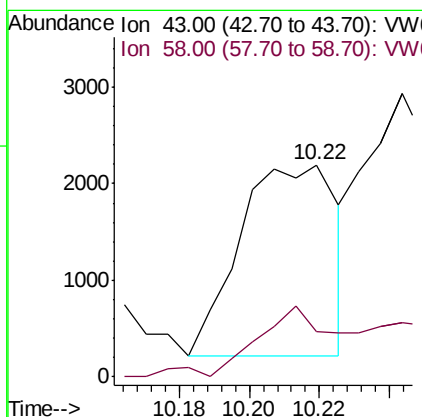
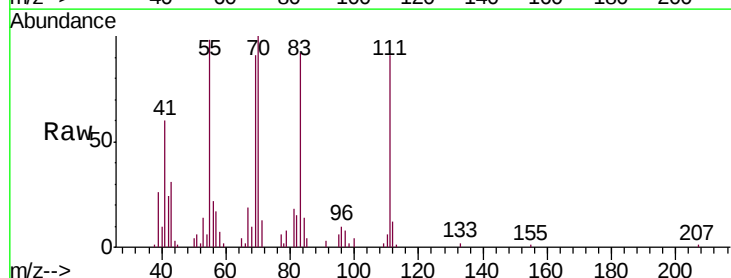
Instrument :
MSVOA_W
ClientSampleId :
S-3(5-10)

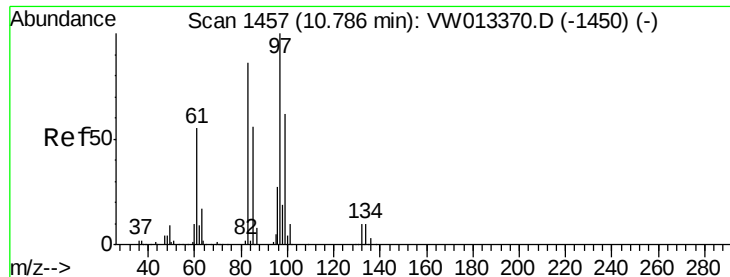
Tgt Ion: 98 Resp: 515625
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 2.056 ug/l
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

Tgt Ion: 43 Resp: 3803
Ion Ratio Lower Upper
43 100
58 28.2 31.7 47.5#

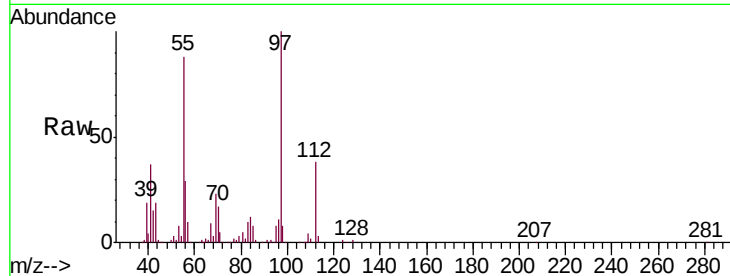




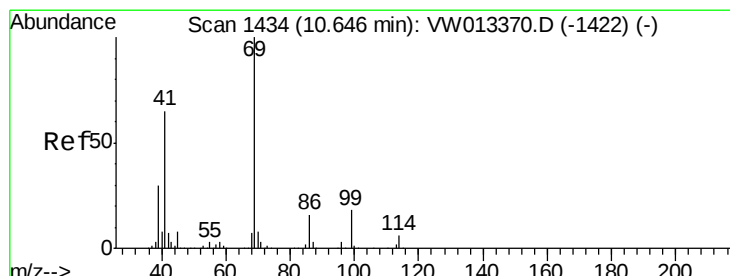
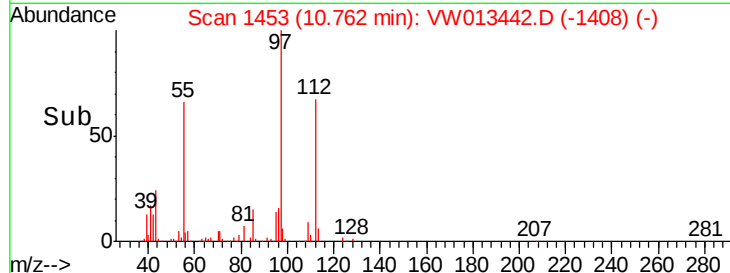
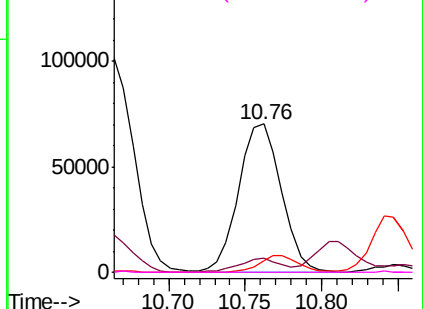
#55
 1,1,2-Trichloroethane
 Concen: 63.405 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Instrument :
 MSVOA_W
 ClientSampleId :
 S-3(5-10)

Tgt Ion: 97 Resp: 135723
 Ion Ratio Lower Upper
 97 100
 83 9.5 67.6 101.4#
 85 8.2 41.9 62.9#
 99 0.3 50.1 75.1#

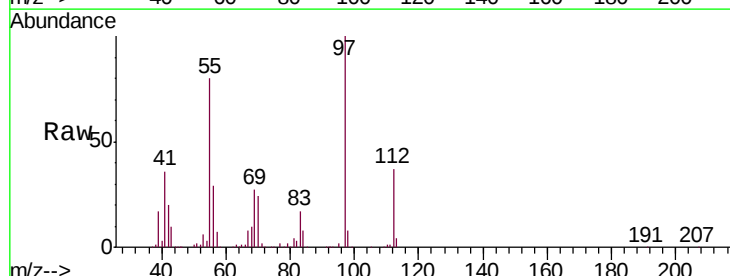


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

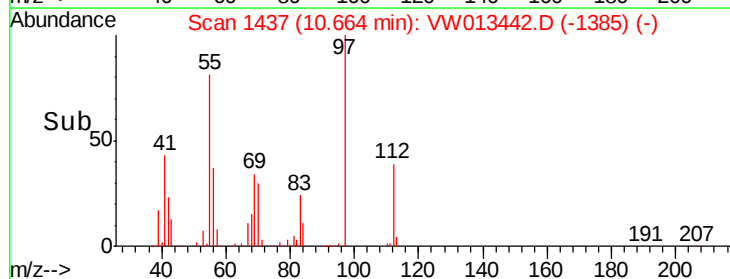
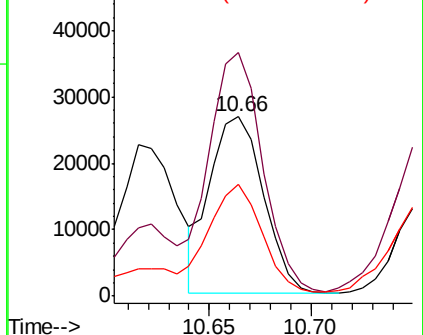


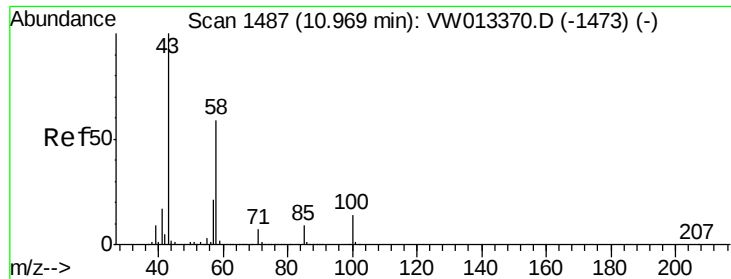
#56
 Ethyl methacrylate
 Concen: 16.789 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Tgt Ion: 69 Resp: 48372
 Ion Ratio Lower Upper
 69 100
 41 138.0 53.9 80.9#
 39 60.9 23.8 35.6#



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

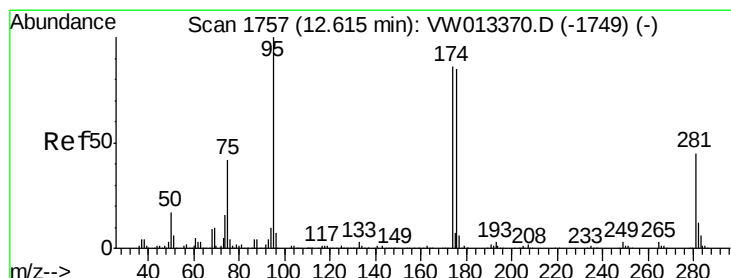
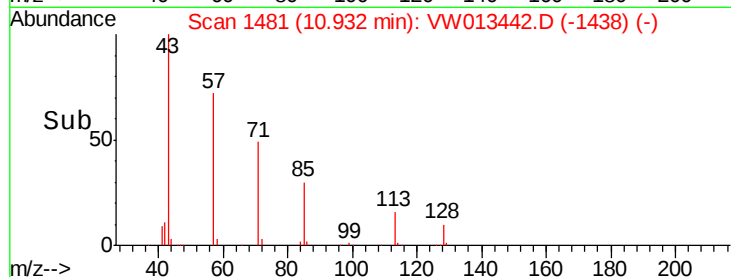
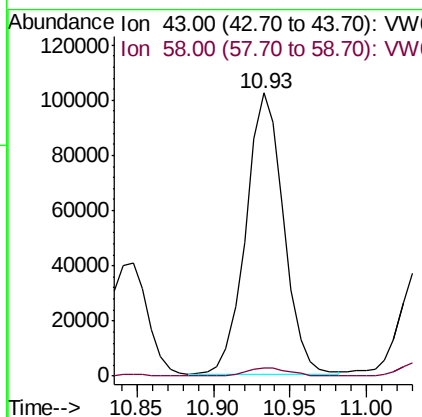
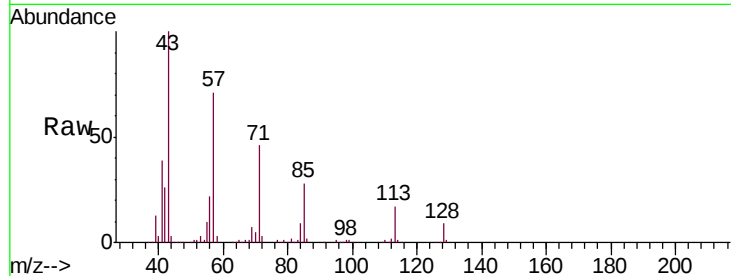




#59
2-Hexanone
Concen: 135.974 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

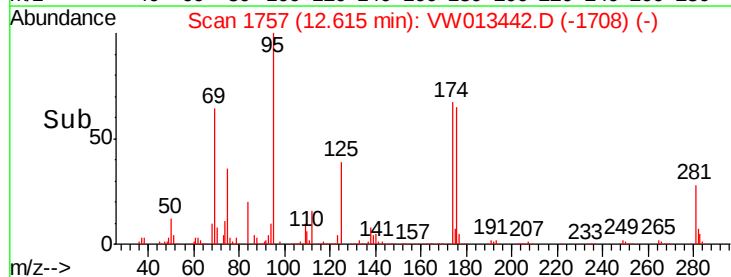
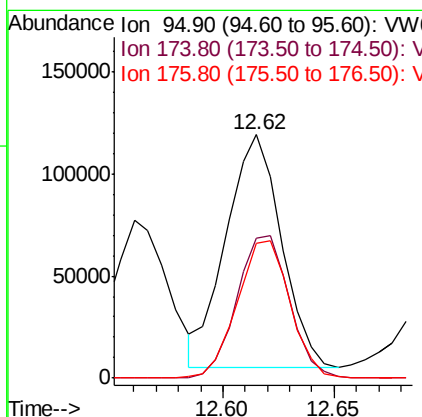
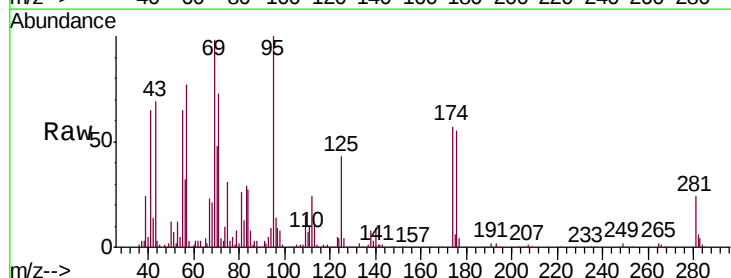
Instrument :
MSVOA_W
ClientSampleId :
S-3(5-10)

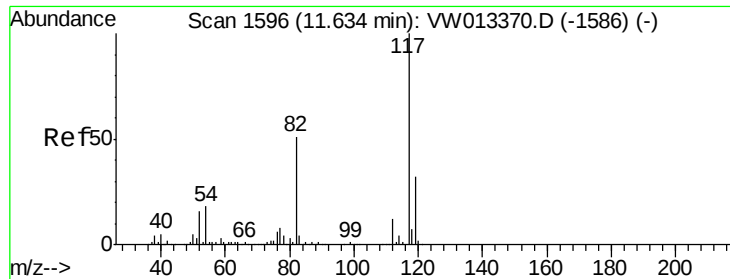
Tgt Ion: 43 Resp: 174339
Ion Ratio Lower Upper
43 100
58 3.7 28.1 84.2#



#62
4-Bromofluorobenzene
Concen: 59.380 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

Tgt Ion: 95 Resp: 197042
Ion Ratio Lower Upper
95 100
174 58.4 0.0 178.4
176 56.4 0.0 172.2

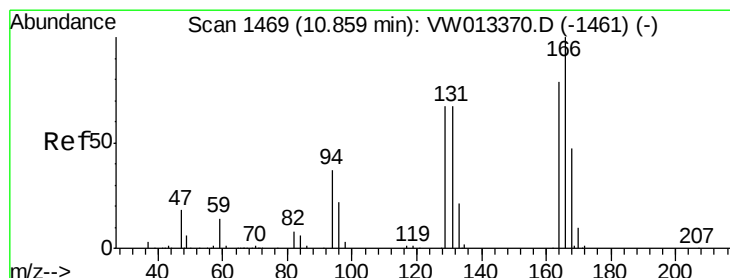
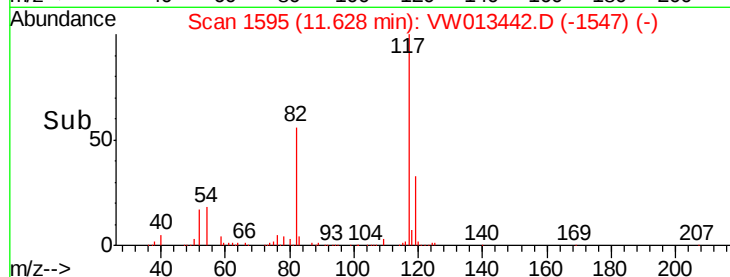
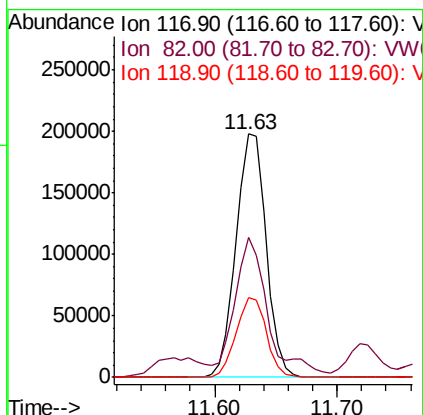
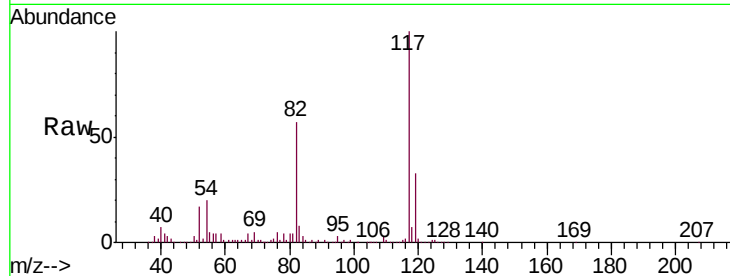




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

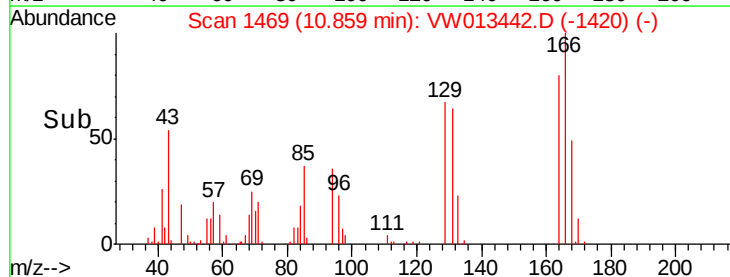
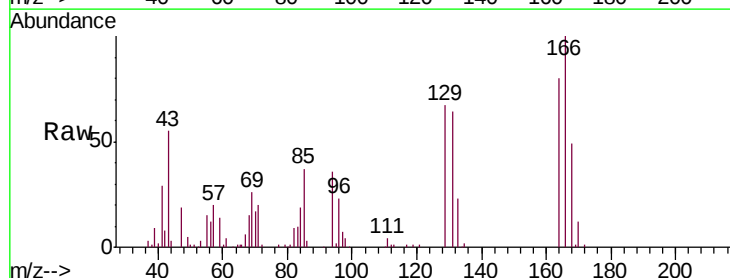
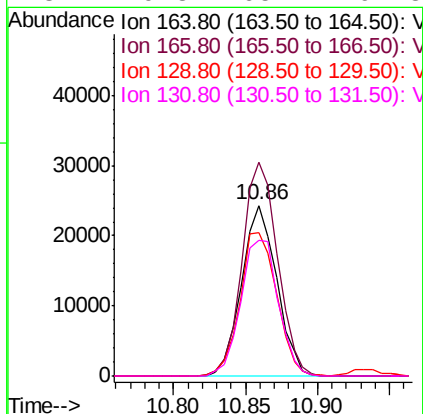
Instrument :
MSVOA_W
ClientSampled :
S-3(5-10)

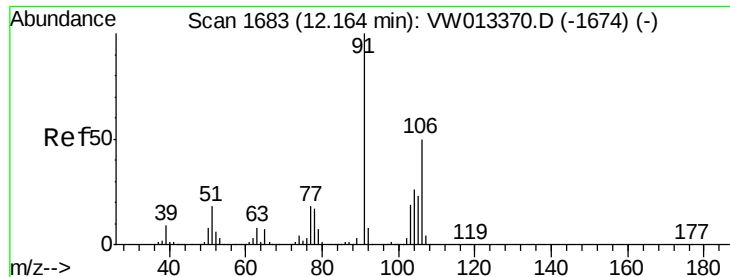
Tgt Ion:117 Resp: 337380
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 16.035 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

Tgt Ion:164 Resp: 41159
Ion Ratio Lower Upper
164 100
166 125.2 101.2 151.8
129 84.0 68.8 103.2
131 79.8 65.2 97.8

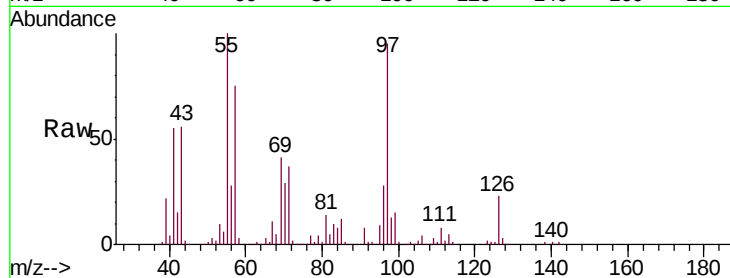




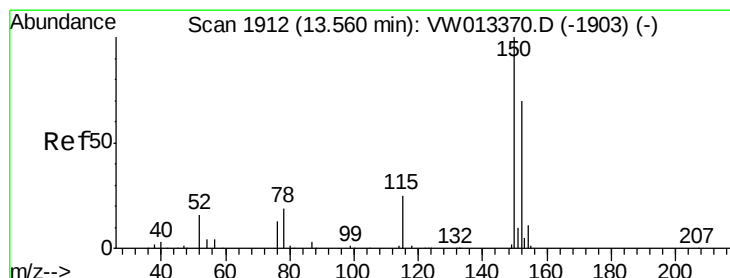
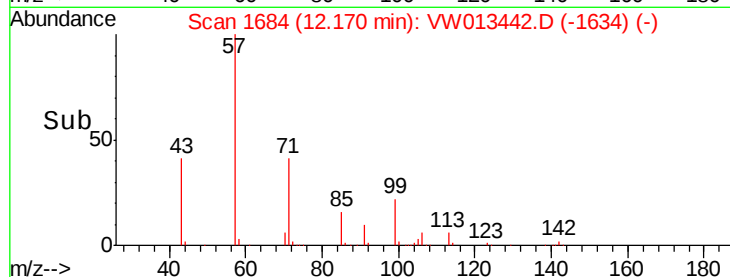
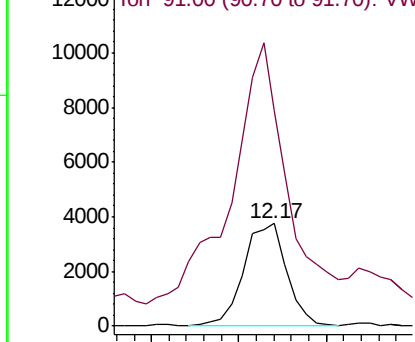
#69
o-Xylene
Concen: 1.460 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

Instrument :
MSVOA_W
ClientSampled :
S-3(5-10)

Tgt Ion:106 Resp: 6453
Ion Ratio Lower Upper
106 100
91 320.7 106.5 319.5#

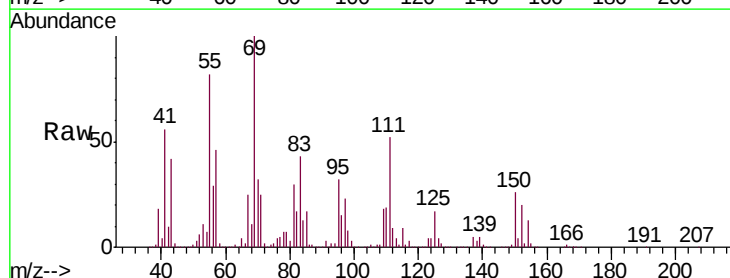


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

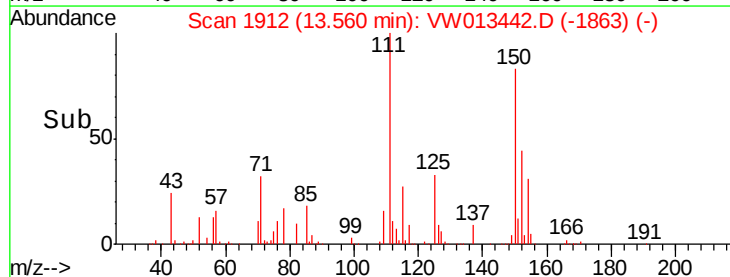
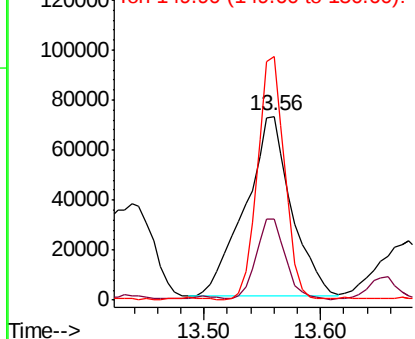


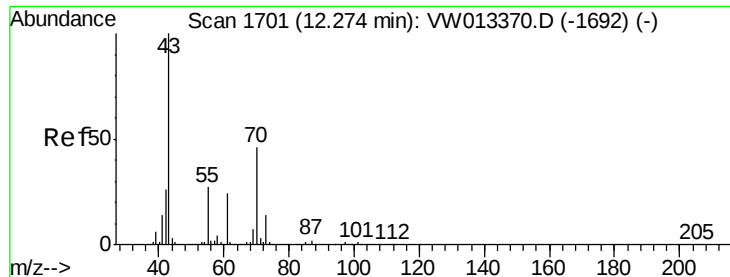
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

Tgt Ion:152 Resp: 200086
Ion Ratio Lower Upper
152 100
115 28.0 27.3 81.9
150 78.6 0.0 349.0



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





#74

N-ethyl acetate

Concen: 200.744 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Instrument :

MSVOA_W

ClientSampled :

S-3(5-10)

Tgt Ion: 43 Resp: 625275

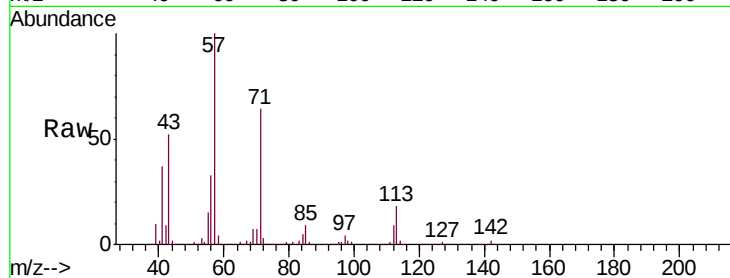
Ion Ratio Lower Upper

43 100

70 18.7 35.1 52.7#

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#

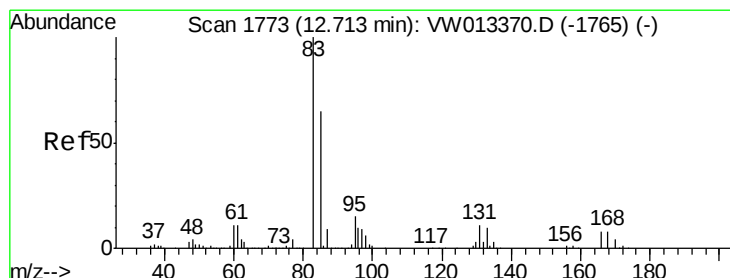
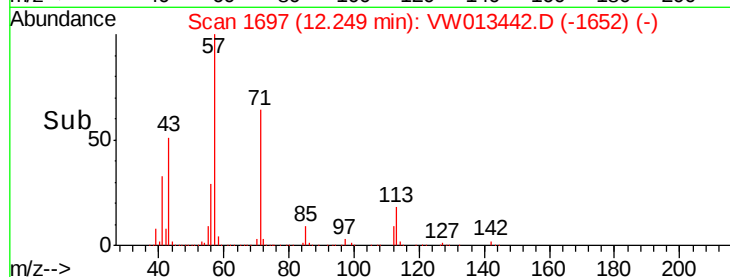
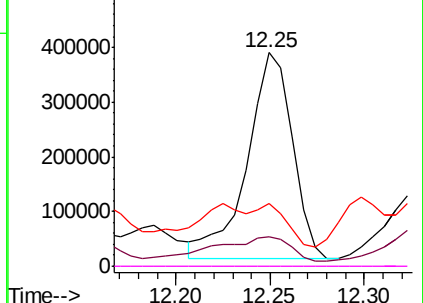


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 40.521 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.02 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

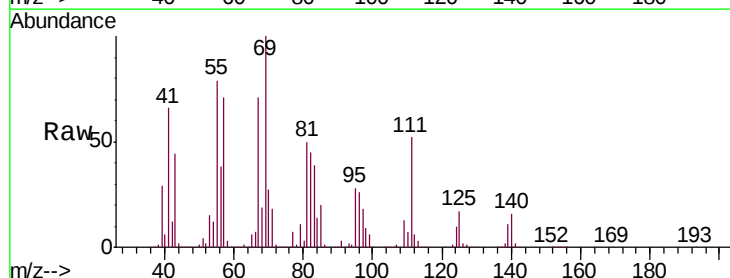
Tgt Ion: 83 Resp: 100379

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

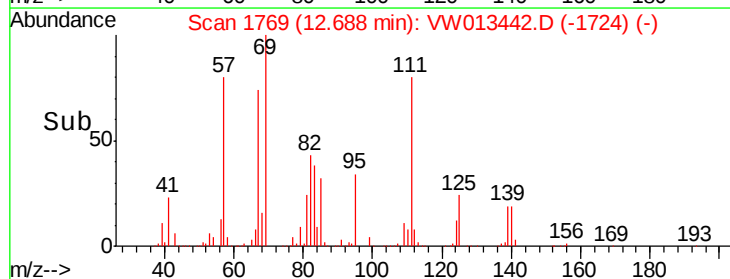
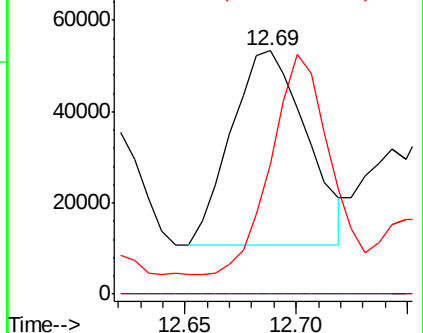
85 87.2 31.9 95.9

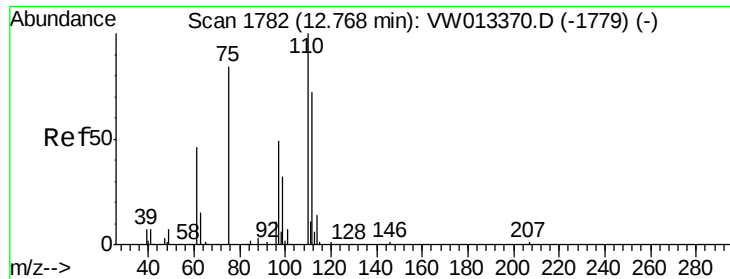


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

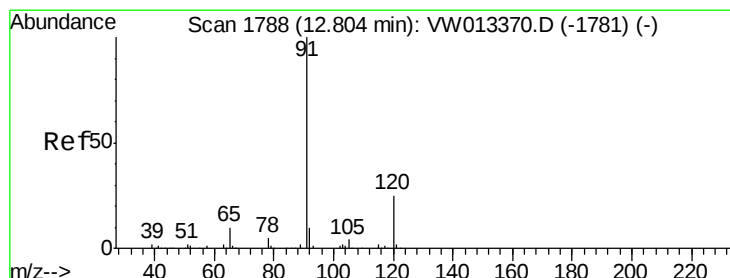
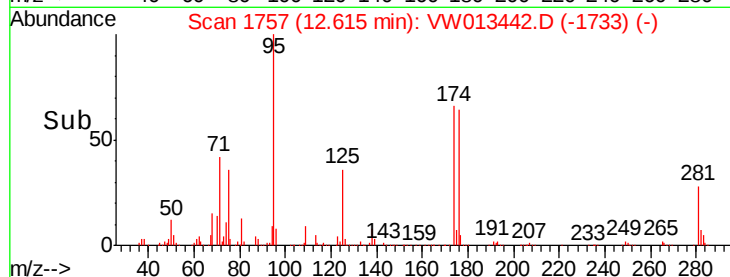
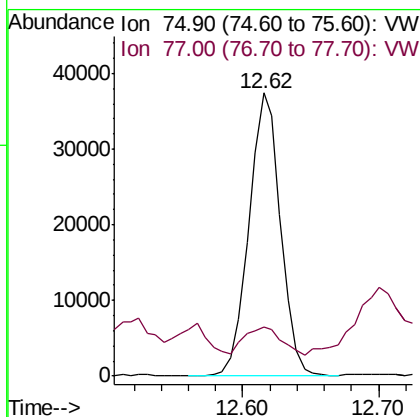
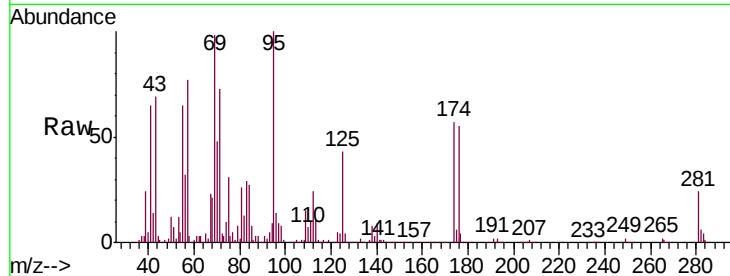




#76
 1,2,3-Trichloropropane
 Concen: 33.981 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

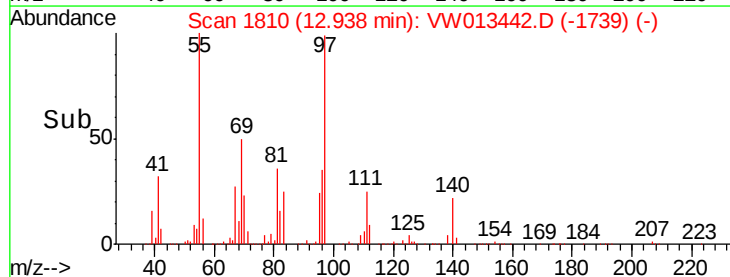
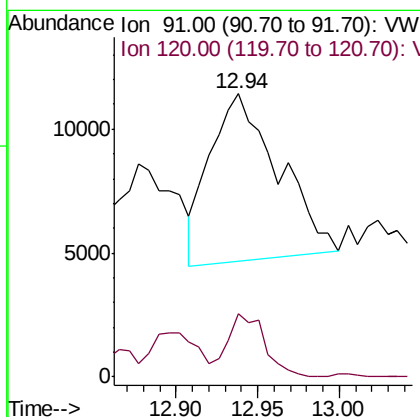
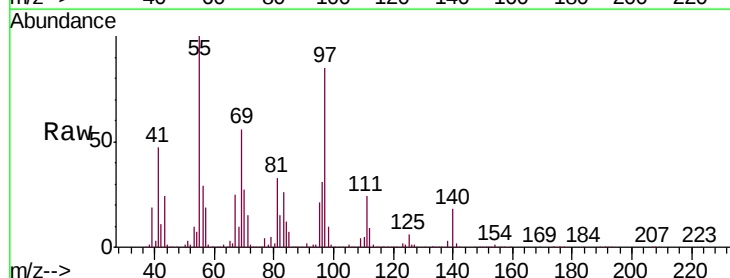
Instrument :
 MSVOA_W
 ClientSampled :
 S-3(5-10)

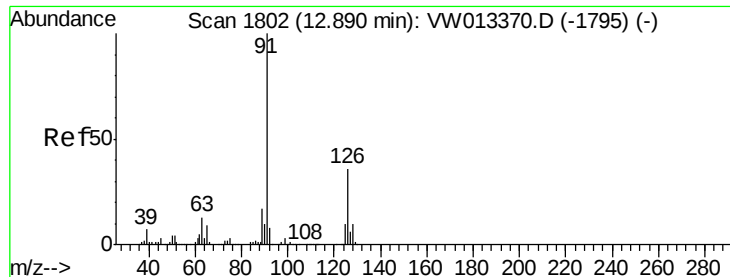
Tgt Ion: 75 Resp: 60428
 Ion Ratio Lower Upper
 75 100
 77 11.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.174 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.13 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Tgt Ion: 91 Resp: 19772
 Ion Ratio Lower Upper
 91 100
 120 20.6 11.7 35.1

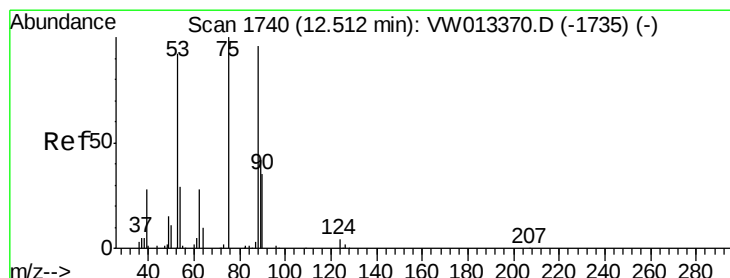
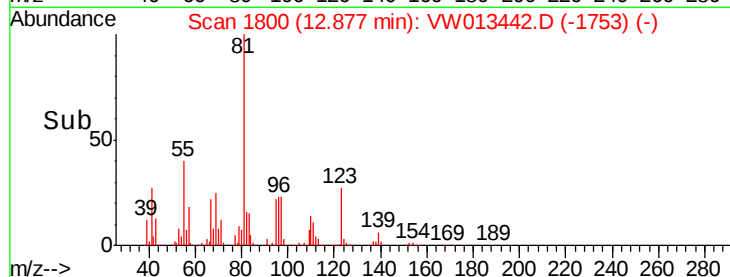
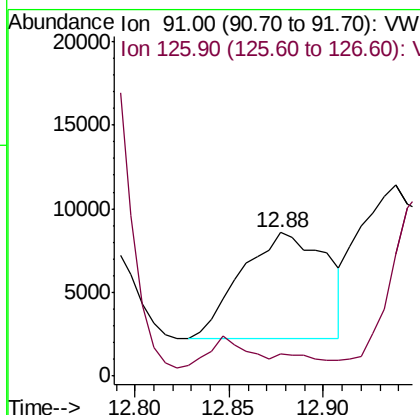
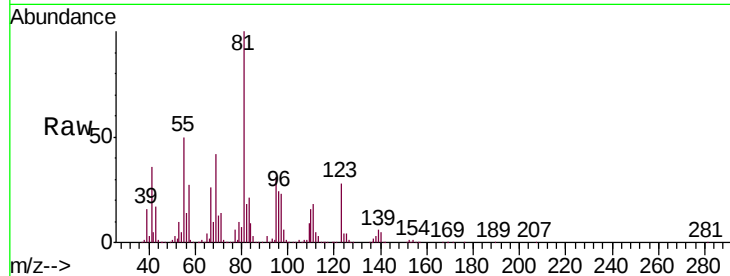




#79
 2-Chlorotoluene
 Concen: 2.133 ug/l
 RT: 12.88 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

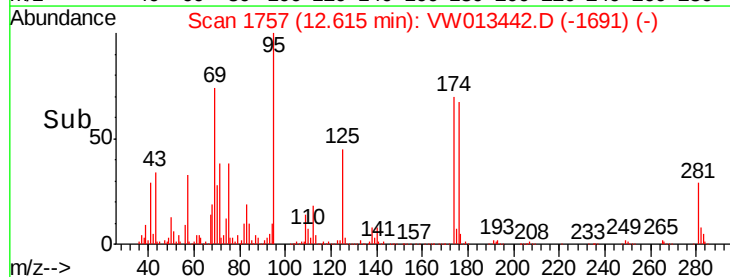
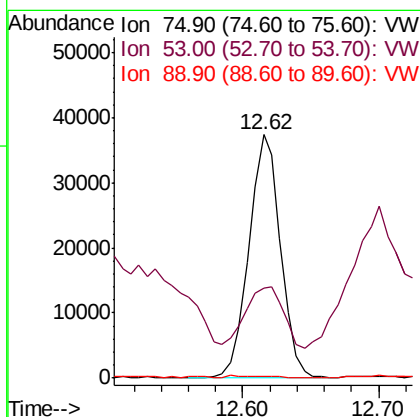
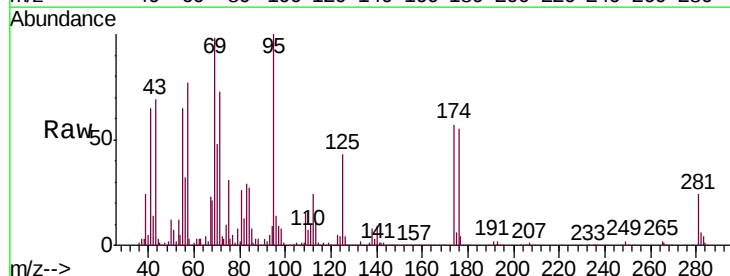
Instrument :
 MSVOA_W
 ClientSampleId :
 S-3(5-10)

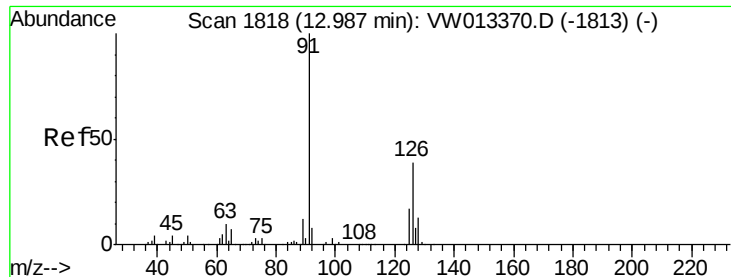
Tgt Ion: 91 Resp: 19943
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.2 51.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.390 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Tgt Ion: 75 Resp: 60428
 Ion Ratio Lower Upper
 75 100
 53 30.0 76.6 114.8#
 89 0.0 33.5 50.3#





#82

4-Chlorotoluene

Concen: 2.128 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.05 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

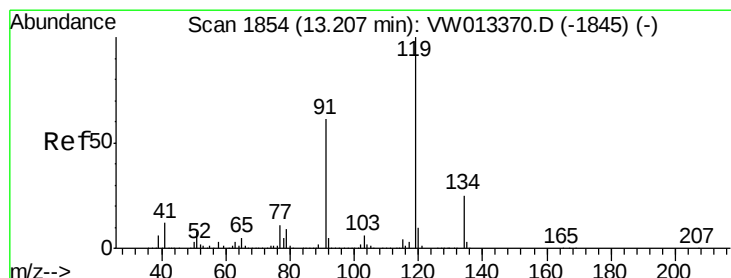
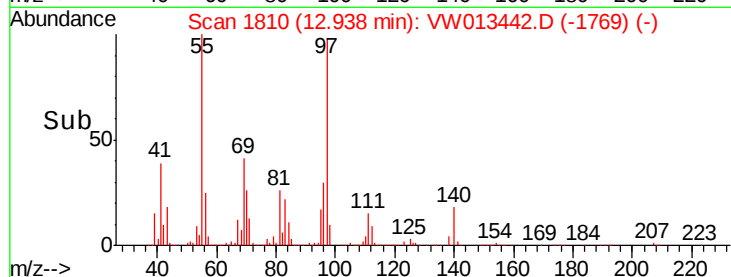
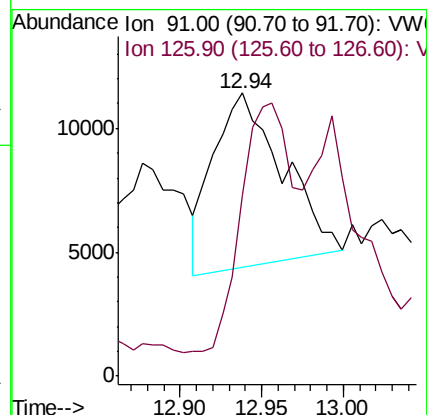
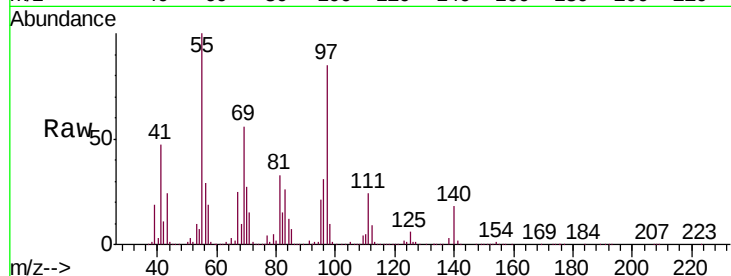
S-3(5-10)

Tgt Ion: 91 Resp: 20845

Ion Ratio Lower Upper

91 100

126 109.3 17.3 51.7#



#83

tert-Butylbenzene

Concen: 1.077 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

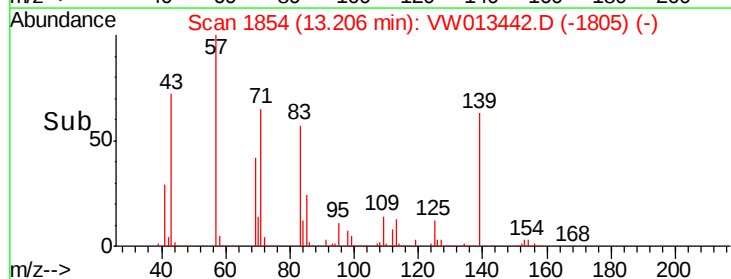
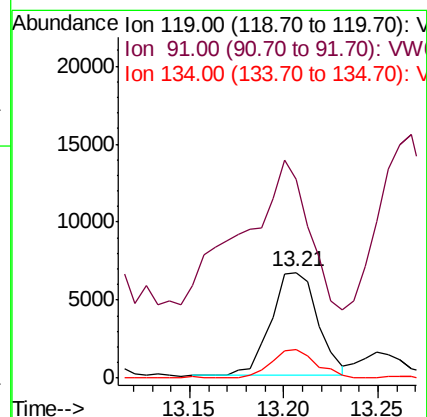
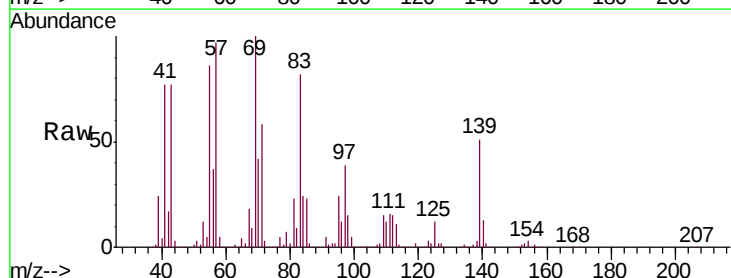
Tgt Ion: 119 Resp: 11436

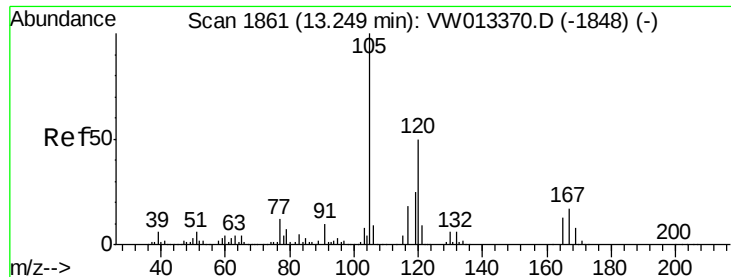
Ion Ratio Lower Upper

119 100

91 201.1 30.7 92.1#

134 26.7 12.6 37.6

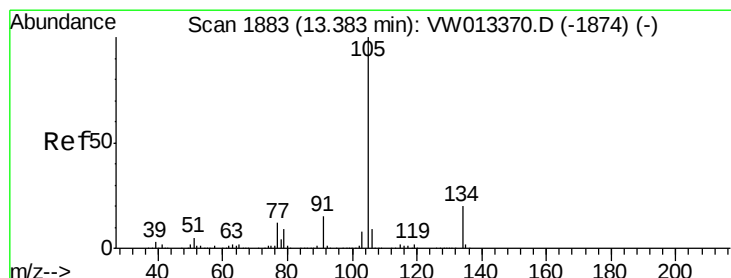
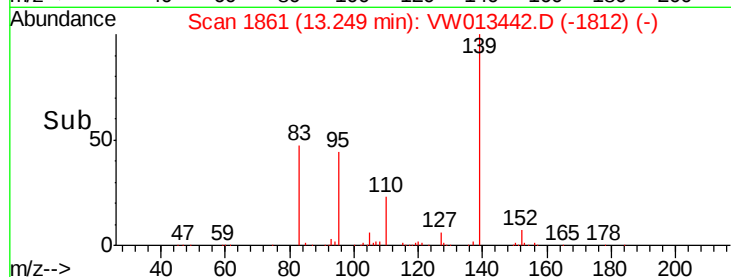
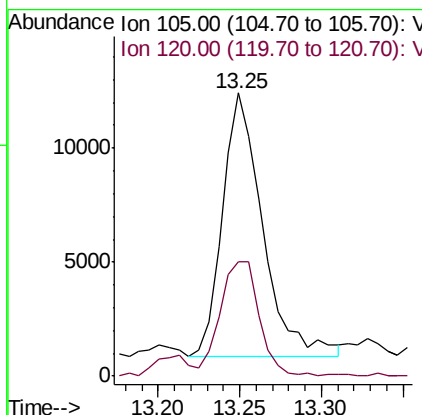
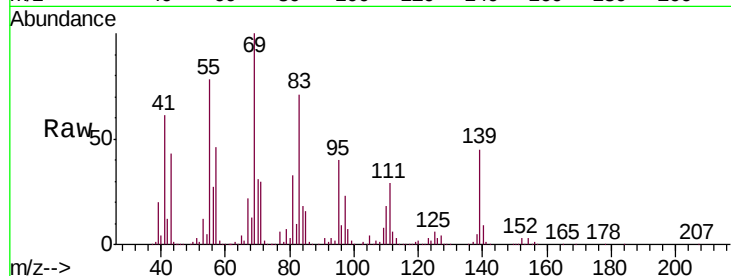




#84
 1,2,4-Trimethylbenzene
 Concen: 1.628 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

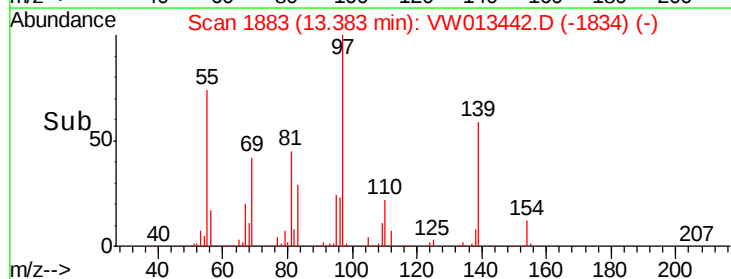
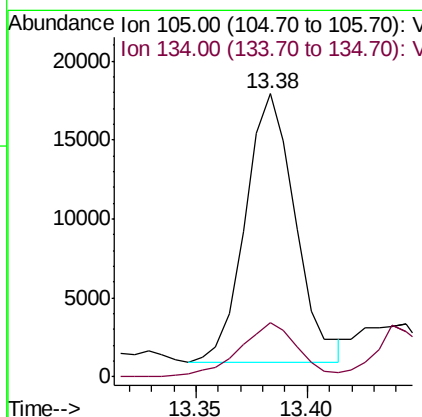
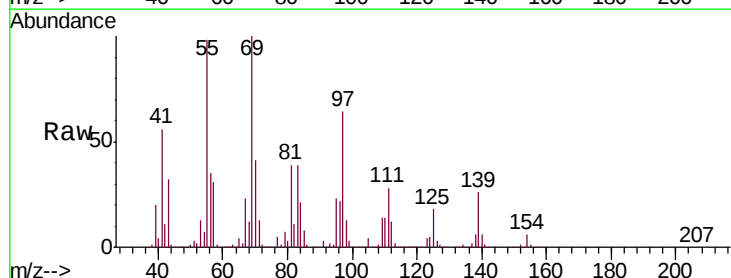
Instrument :
 MSVOA_W
 ClientSampled :
 S-3(5-10)

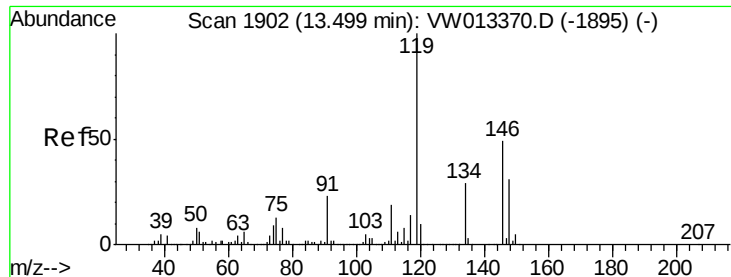
Tgt Ion:105 Resp: 19679
 Ion Ratio Lower Upper
 105 100
 120 42.6 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 1.822 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Tgt Ion:105 Resp: 26673
 Ion Ratio Lower Upper
 105 100
 134 23.6 10.3 30.8

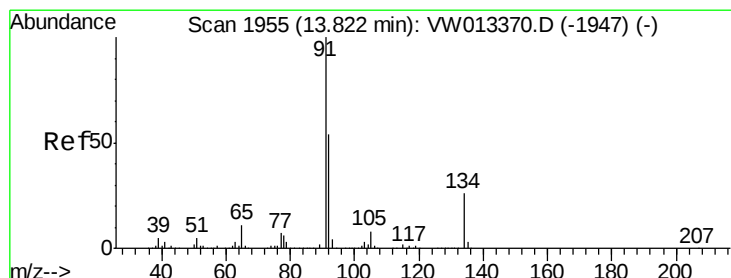
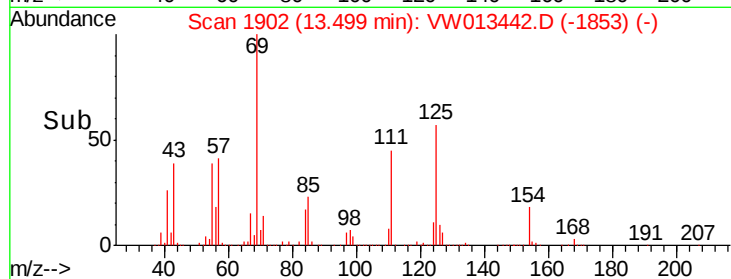
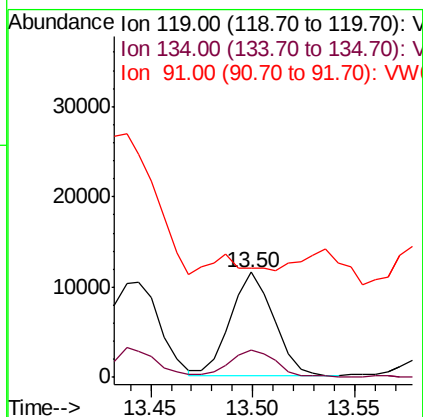
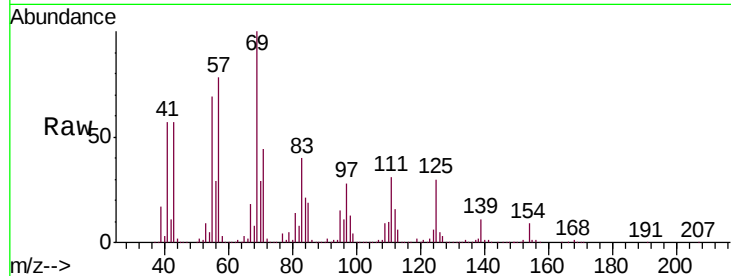




#86
p-Isopropyltoluene
Concen: 1.245 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

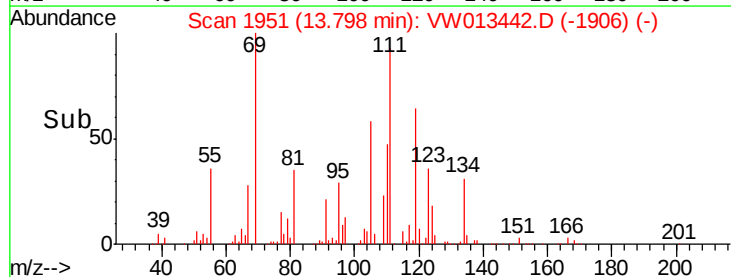
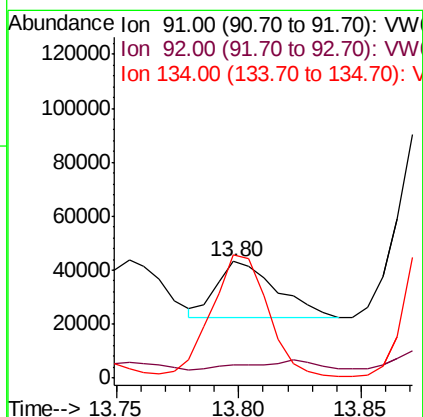
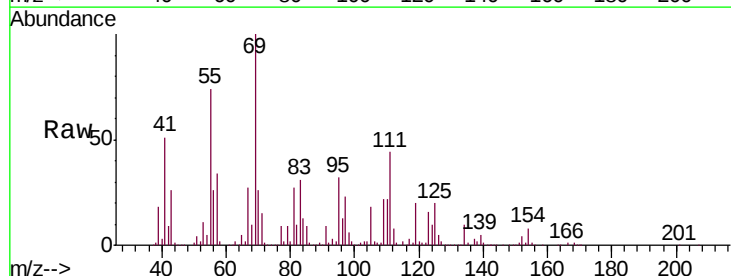
Instrument :
MSVOA_W
ClientSampled :
S-3(5-10)

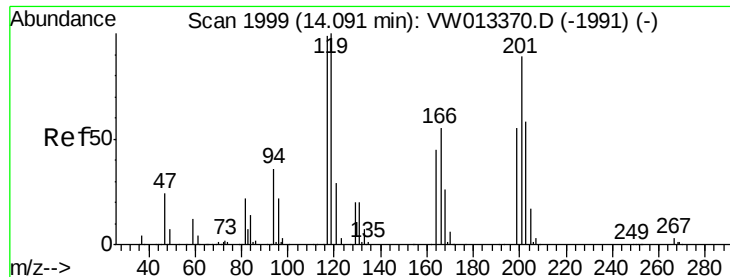
Tgt Ion: 119 Resp: 16891
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 0.0 10.8 32.4#



#89
n-Butylbenzene
Concen: 2.906 ug/l
RT: 13.80 min Scan# 1951
Delta R.T. -0.02 min
Lab File: VW013442.D
Acq: 04 Oct 2019 16:37

Tgt Ion: 91 Resp: 35544
Ion Ratio Lower Upper
91 100
92 0.0 27.6 82.8#
134 206.6 13.7 41.1#





#90

Hexachloroethane

Concen: 74.344 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

Instrument :

MSVOA_W

ClientSampled :

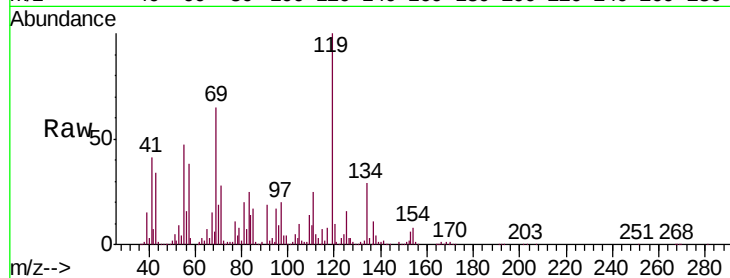
S-3(5-10)

Tgt Ion:117 Resp: 166662

Ion Ratio Lower Upper

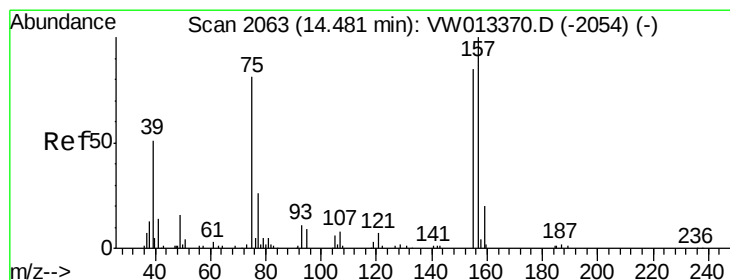
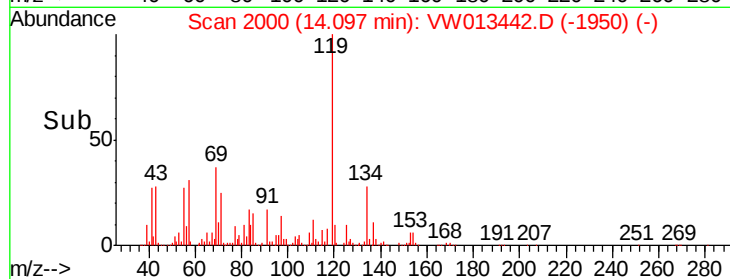
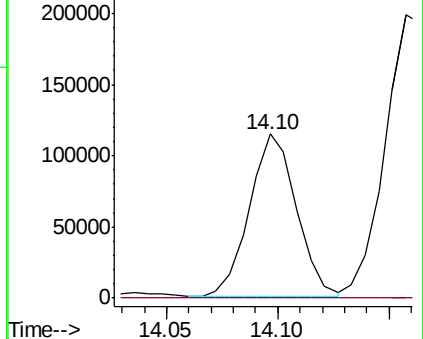
117 100

201 0.1 44.5 133.5#



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: 23.399 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.02 min

Lab File: VW013442.D

Acq: 04 Oct 2019 16:37

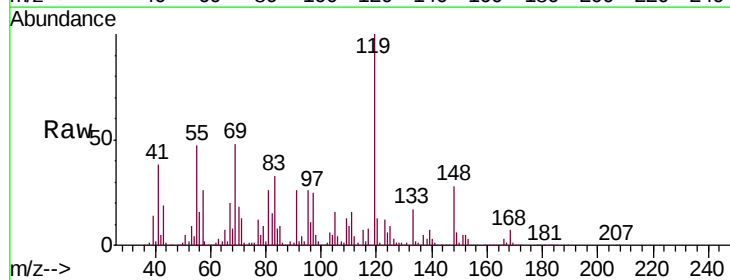
Tgt Ion: 75 Resp: 8670

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

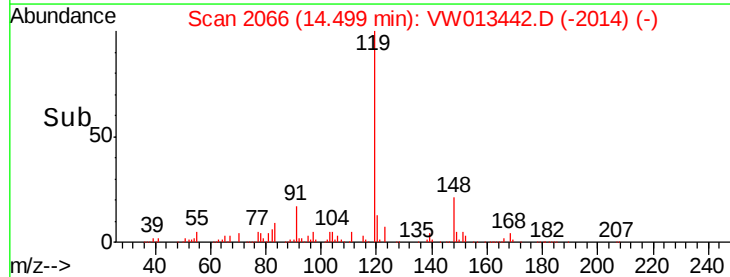
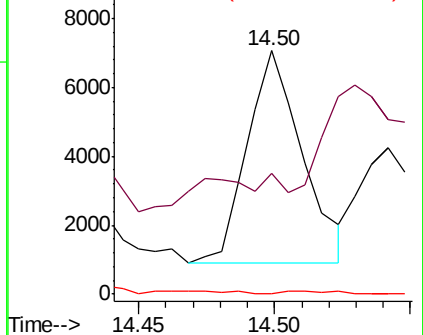
157 1.2 60.4 181.2#

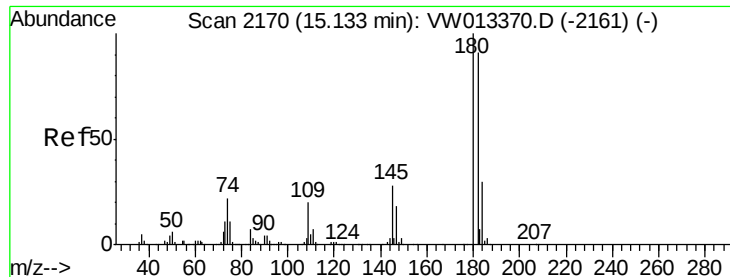


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

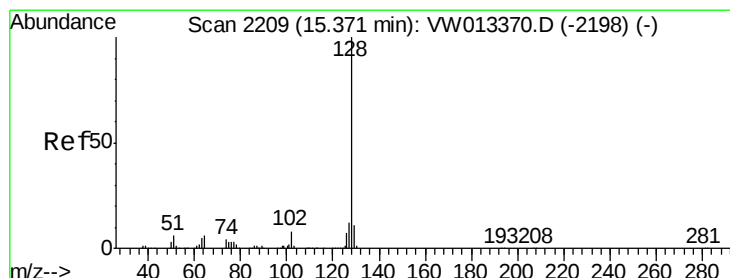
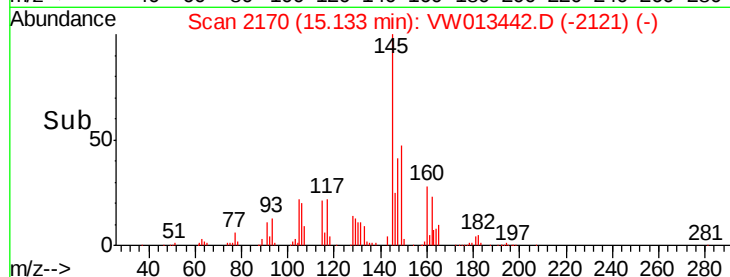
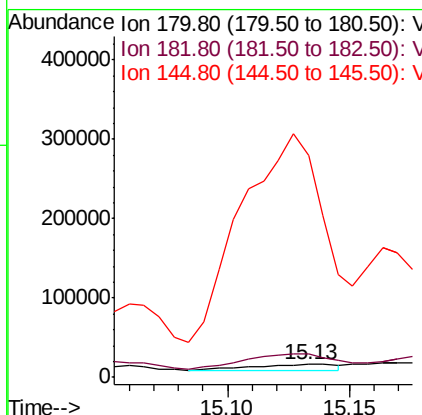
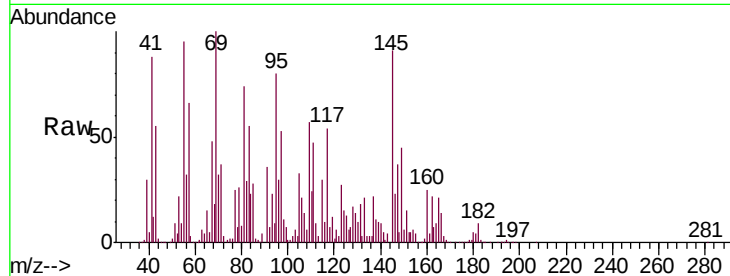




#93
 1,2,4-Trichlorobenzene
 Concen: 3.808 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

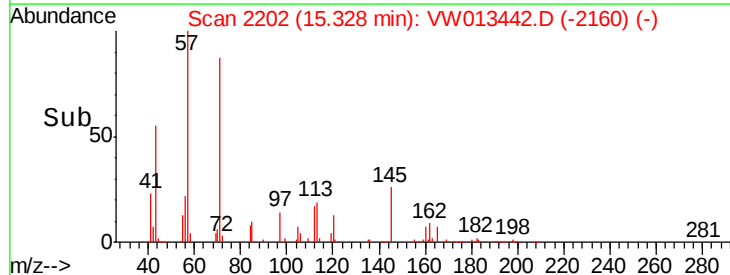
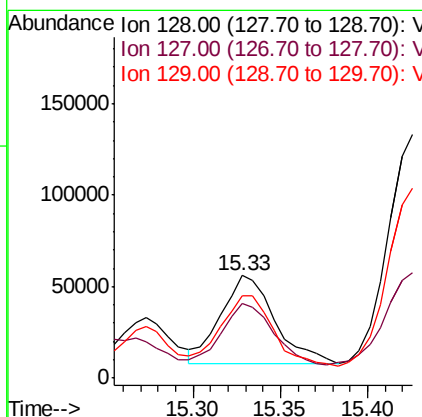
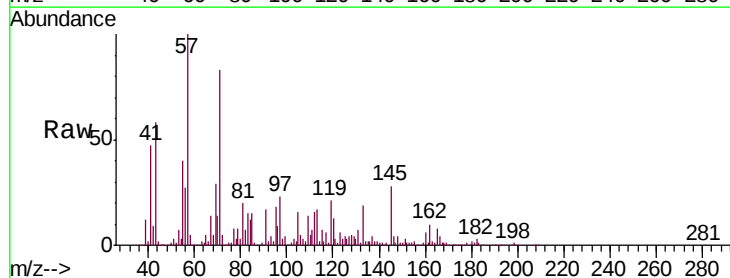
Instrument :
 MSVOA_W
 ClientSampled :
 S-3(5-10)

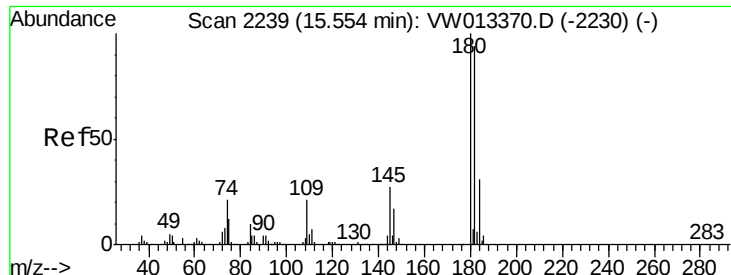
Tgt Ion:180 Resp: 15973
 Ion Ratio Lower Upper
 180 100
 182 316.0 47.3 142.0#
 145 4982.0 14.2 42.8#



#95
 Naphthalene
 Concen: 14.417 ug/l
 RT: 15.33 min Scan# 2202
 Delta R.T. -0.04 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Tgt Ion:128 Resp: 102012
 Ion Ratio Lower Upper
 128 100
 127 65.9 10.6 15.8#
 129 77.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 10.413 ug/l
 RT: 15.58 min Scan# 2243
 Delta R.T. 0.02 min
 Lab File: VW013442.D
 Acq: 04 Oct 2019 16:37

Instrument :
 MSVOA_W
 ClientSampleId :
 S-3(5-10)

Tgt Ion:180 Resp: 38136
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 1649.1 15.0 45.0#

