

Data File : VW013443.D
Acq On : 04 Oct 2019 17:03
Operator : SY/VA
Sample : K5213-07
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-4(0-5)

Quant Time: Oct 05 04:56:03 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	45622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	63226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29232	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	18602	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
35) Dibromofluoromethane	7.88	113	18561	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
50) Toluene-d8	10.32	98	74352	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.62	95	26774	58.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.48%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	7685	18.596	ug/l	95
11) Tert butyl alcohol	5.14	59	1172	11.920	ug/l #	73
16) Acetone	4.13	43	3400	32.562	ug/l	92
17) Carbon Disulfide	4.38	76	7883	6.728	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	665	1.076	ug/l #	54
20) Methylene Chloride	4.91	84	2928	5.110	ug/l #	72
21) trans-1,2-Dichloroethene	5.43	96	618	1.382	ug/l #	47
25) 2-Butanone	7.13	43	1727	12.926	ug/l	95
26) 2,2-Dichloropropane	7.13	77	3087	5.835	ug/l #	52
27) cis-1,2-Dichloroethene	7.17	96	104211	222.605	ug/l	90
29) Tetrahydrofuran	7.49	42	27	10.027	ug/l #	34
31) Cyclohexane	7.94	56	1357	1.741	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	3139	5.345	ug/l #	53
39) Methylcyclohexane	9.33	83	2816	3.641	ug/l #	85
41) Methacrylonitrile	7.46	41	413	2.643	ug/l #	76
44) Trichloroethene	9.09	130	13348	28.514	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	1142	4.456	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	4117	13.882	ug/l #	23
56) Ethyl methacrylate	10.67	69	2100	5.261	ug/l #	13
59) 2-Hexanone	10.93	43	7341	41.325	ug/l #	29
60) Dibromochloromethane	10.93	129	600	1.768	ug/l	79
61) 1,2-Dibromoethane	11.26	107	372	1.298	ug/l #	3
64) Tetrachloroethene	10.86	164	16927	40.863	ug/l	94
68) m/p-Xylenes	11.84	106	1212	1.571	ug/l	93
69) o-Xylene	12.17	106	1391	1.950	ug/l	46
71) Bromoform	12.32	173	524	2.544	ug/l #	78
73) Isopropylbenzene	12.46	105	7871	3.681	ug/l	91
74) N-amyl acetate	12.25	43	36600	80.429	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.68	83	8963	24.766	ug/l #	29
76) 1,2,3-Trichloropropane	12.83	75	1130	4.349	ug/l #	100
77) Bromobenzene	12.87	156	71463	139.186	ug/l #	1
78) n-propylbenzene	12.80	91	3649	1.484	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.46	75	396	7.170	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.10	105	6232	3.529	ug/l	73

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

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ClientSampleId :
S-4(0-5)

Quant Time: Oct 05 04:56:03 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)
85) sec-Butylbenzene	13.38	105	27134	12.685	ug/l	85
86) p-Isopropyltoluene	13.65	119	11446	5.774	ug/l	87
89) n-Butylbenzene	13.82	91	12298	6.881	ug/l #	81
90) Hexachloroethane	14.10	117	8997	27.471	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.52	75	193	3.565	ug/l	56
93) 1,2,4-Trichlorobenzene	15.14	180	2680	4.373	ug/l #	12
95) Naphthalene	15.32	128	5091	4.925	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.57	180	2874	5.372	ug/l #	12

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

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Sample : K5213-07

Misc : 5.02G/5ML/MSVOA_W/SOIL

ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-4(0-5)

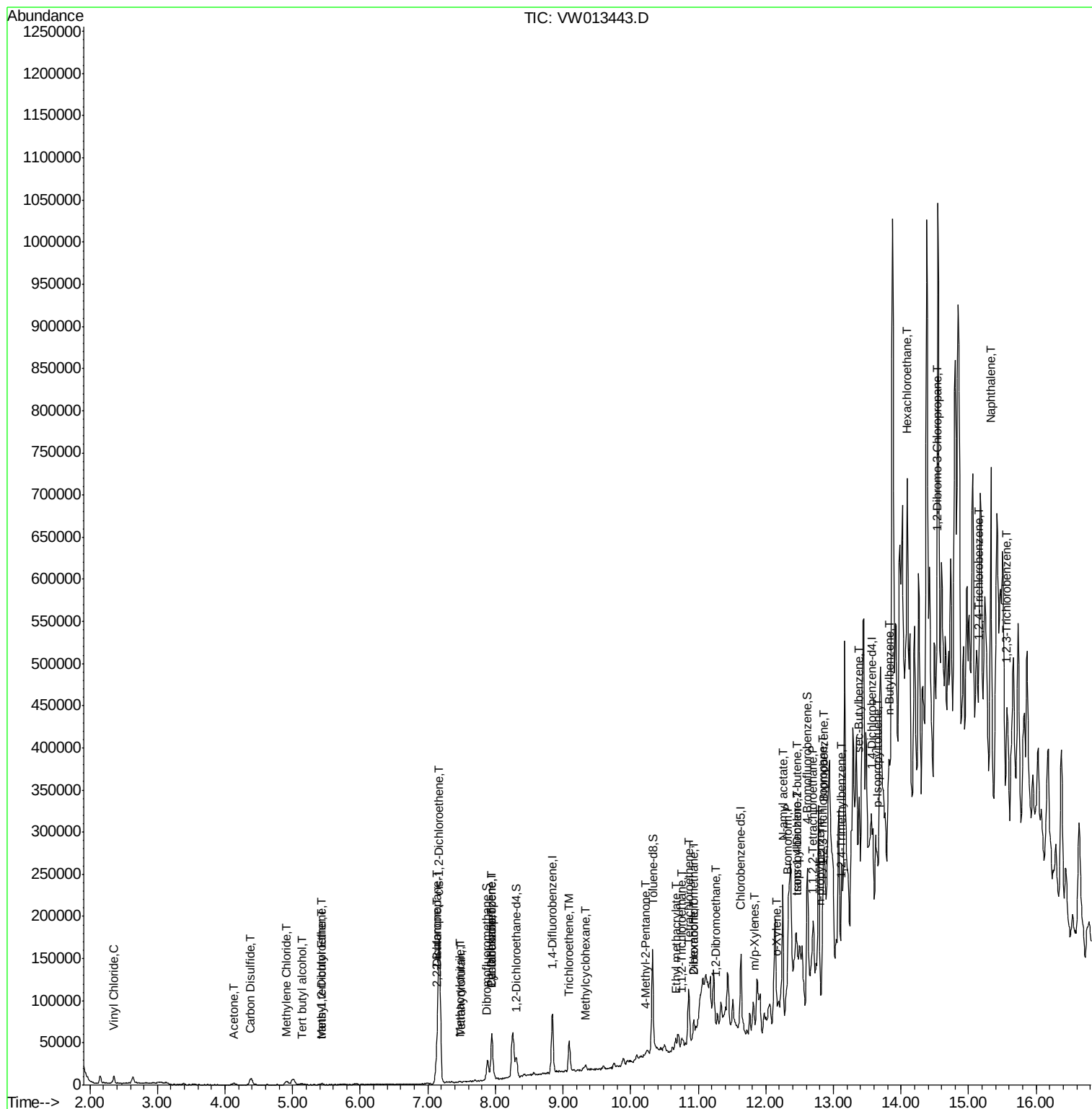
Quant Time: Oct 05 04:56:03 2019

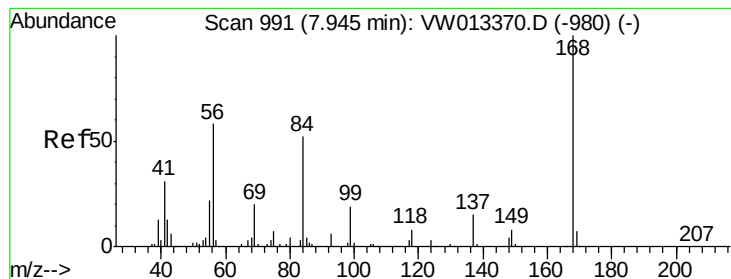
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W100119S.M

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: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

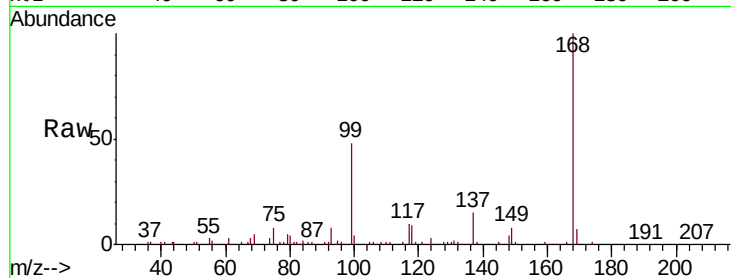
S-4(0-5)

Tgt Ion: 168 Resp: 45622

Ion Ratio Lower Upper

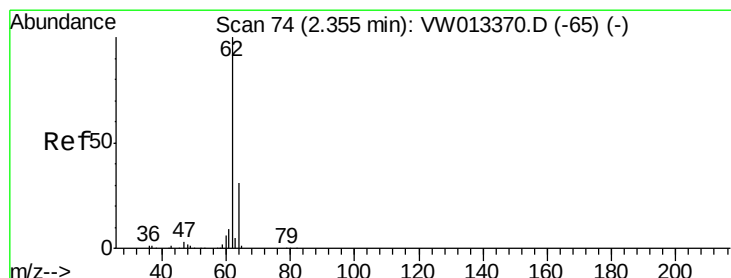
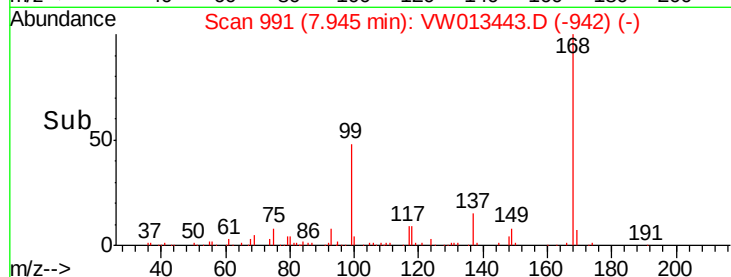
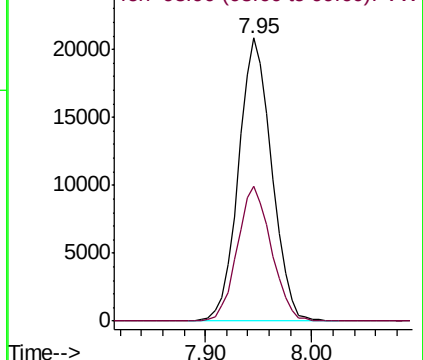
168 100

99 47.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 18.596 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013443.D

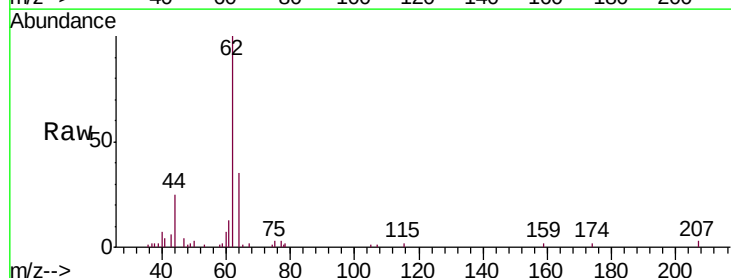
Acq: 04 Oct 2019 17:03

Tgt Ion: 62 Resp: 7685

Ion Ratio Lower Upper

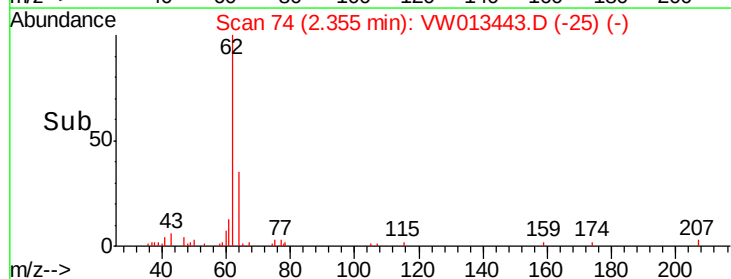
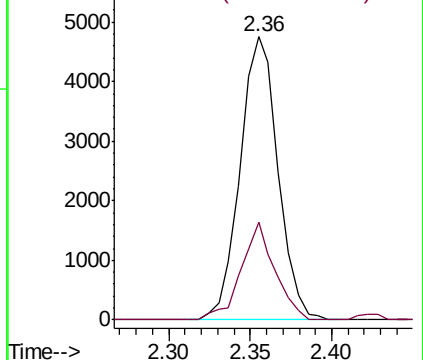
62 100

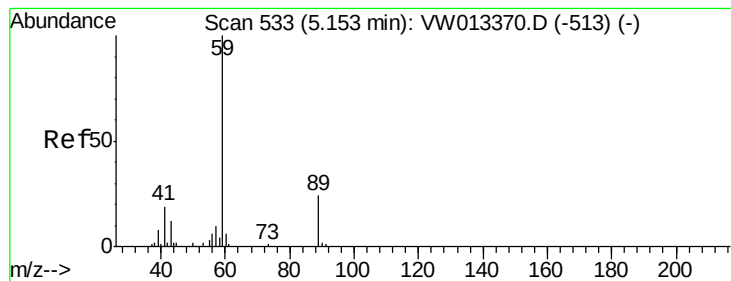
64 34.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#11

Tert butyl alcohol

Concen: 11.920 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.01 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

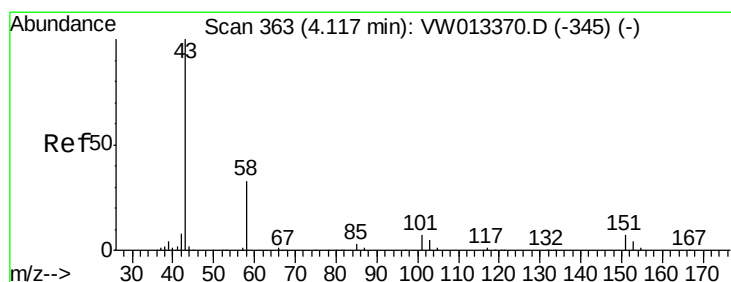
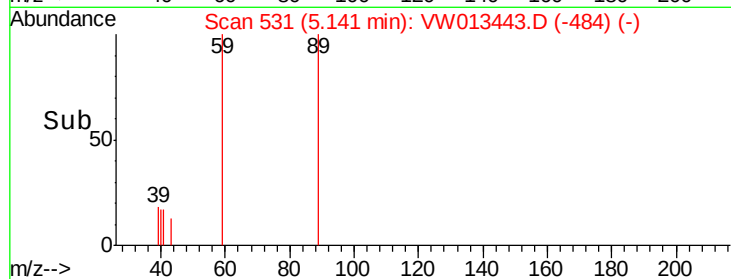
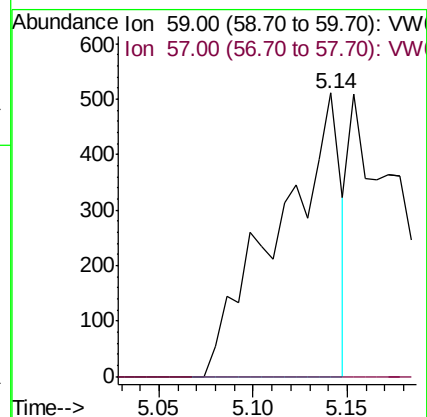
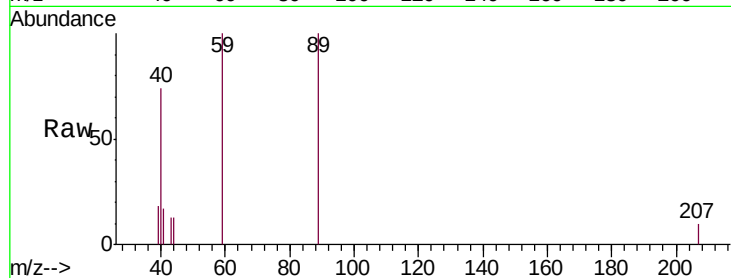
S-4(0-5)

Tgt Ion: 59 Resp: 1172

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 32.562 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013443.D

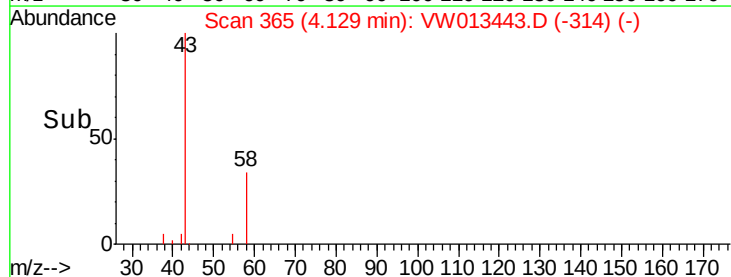
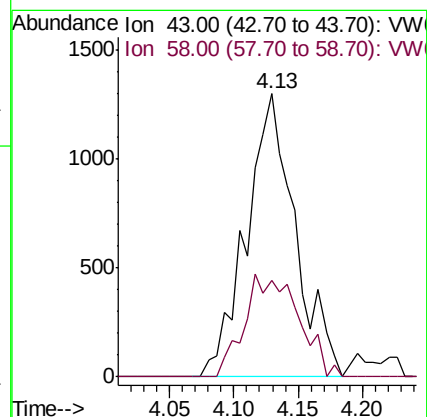
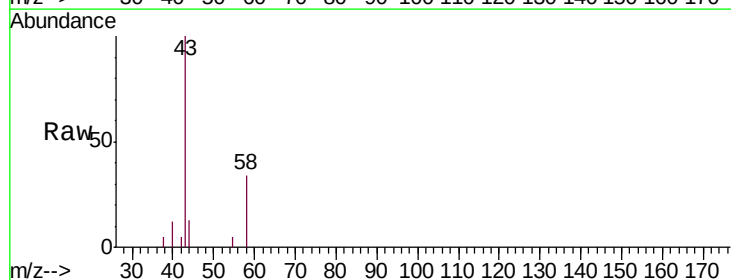
Acq: 04 Oct 2019 17:03

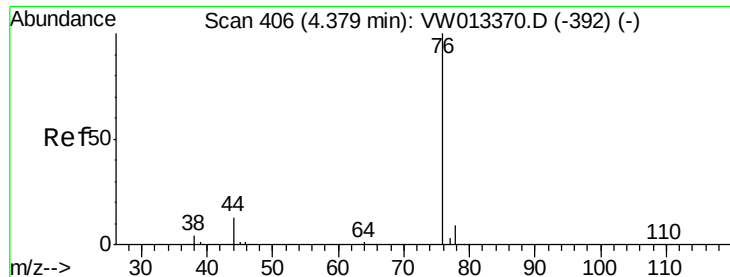
Tgt Ion: 43 Resp: 3400

Ion Ratio Lower Upper

43 100

58 34.2 24.1 36.1





#17

Carbon Disulfide

Concen: 6.728 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

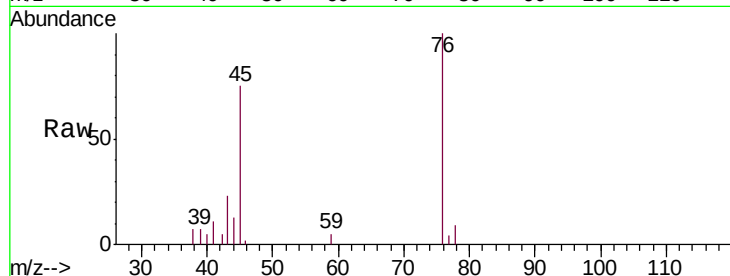
S-4(0-5)

Tgt Ion: 76 Resp: 7883

Ion Ratio Lower Upper

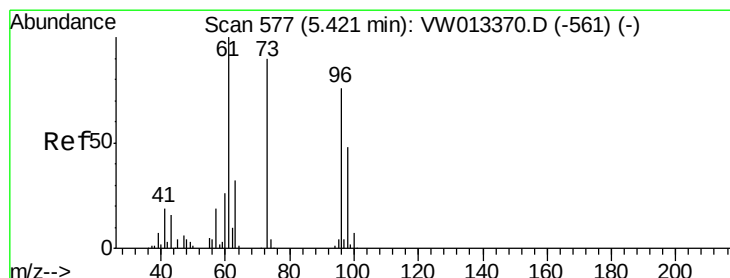
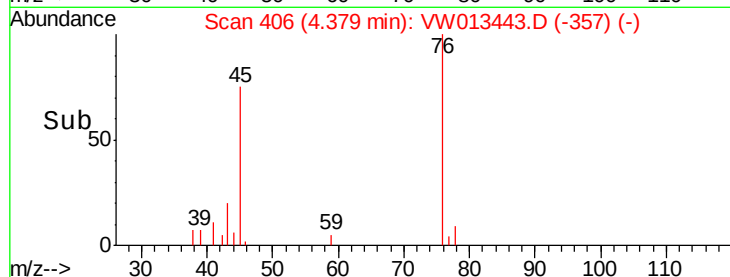
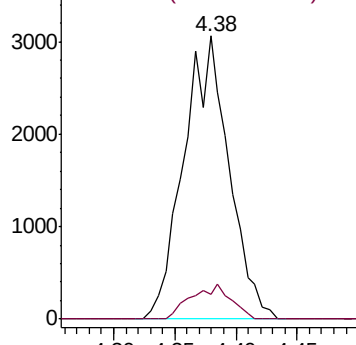
76 100

78 8.8 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#19

Methyl tert-butyl Ether

Concen: 1.076 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013443.D

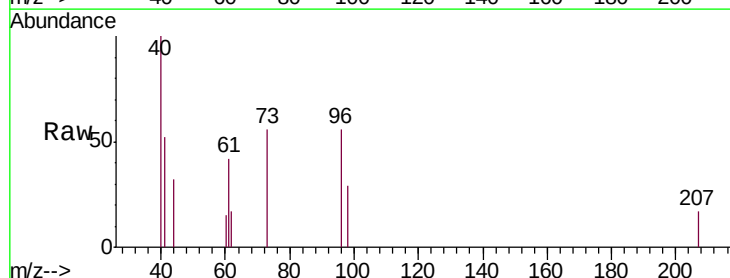
Acq: 04 Oct 2019 17:03

Tgt Ion: 73 Resp: 665

Ion Ratio Lower Upper

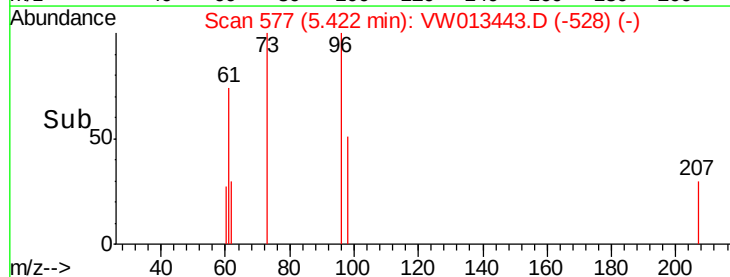
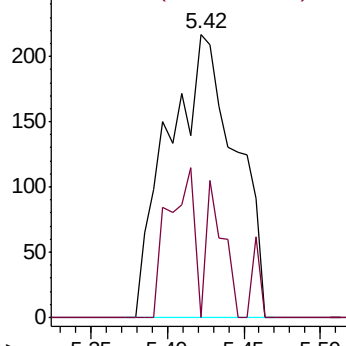
73 100

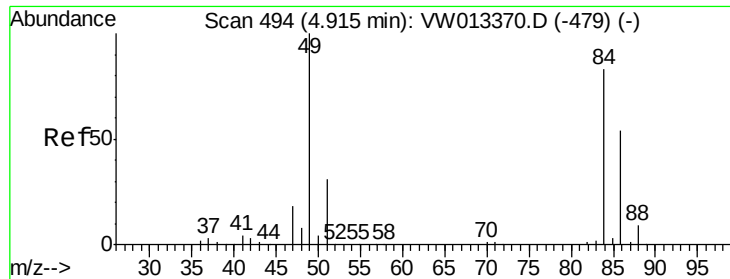
57 0.0 17.6 26.4#



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW





#20

Methylene Chloride

Concen: 5.110 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

S-4(0-5)

Tgt Ion: 84 Resp: 2928

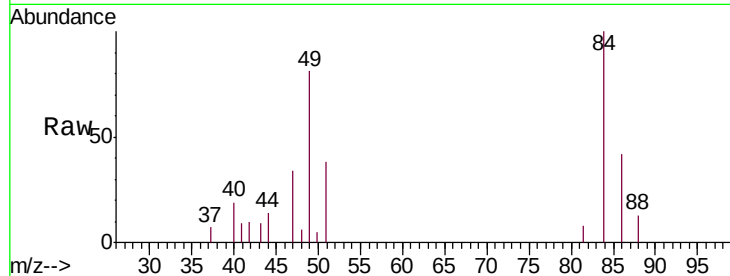
Ion Ratio Lower Upper

84 100

49 81.2 97.6 146.4#

51 37.8 30.2 45.2

86 42.1 50.6 76.0#

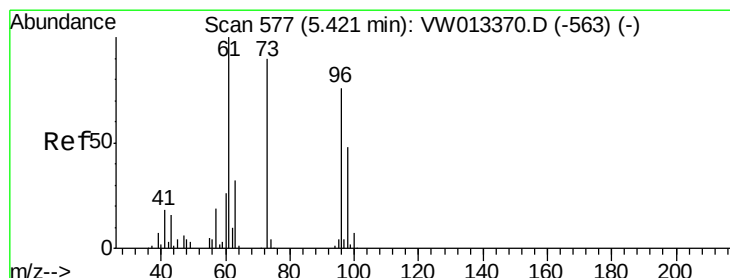
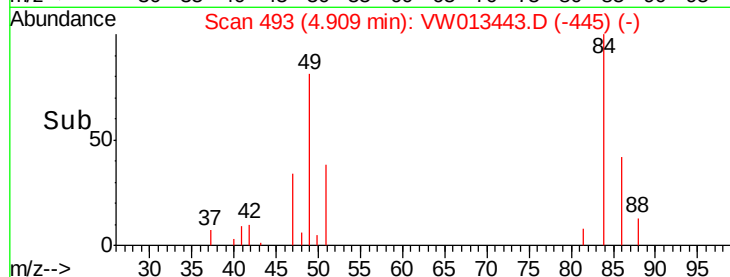
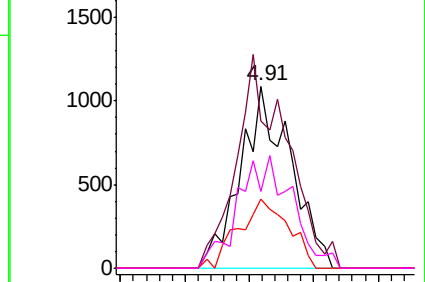


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#21

trans-1,2-Dichloroethene

Concen: 1.382 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

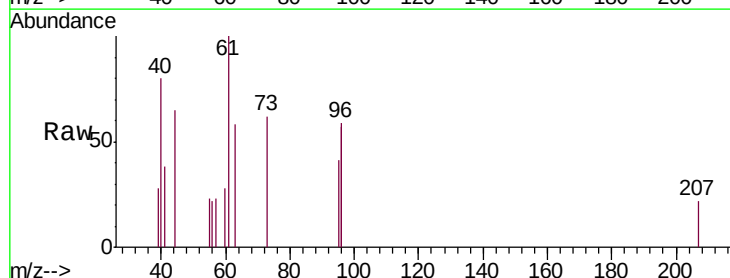
Tgt Ion: 96 Resp: 618

Ion Ratio Lower Upper

96 100

61 86.1 106.6 159.8#

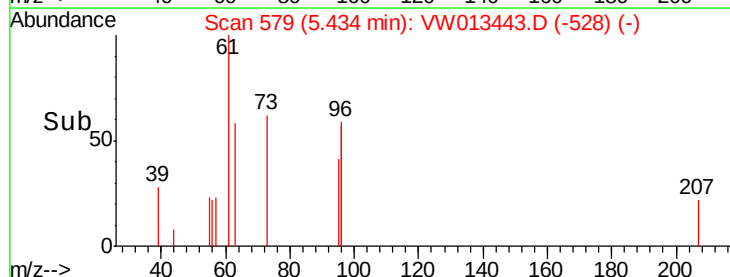
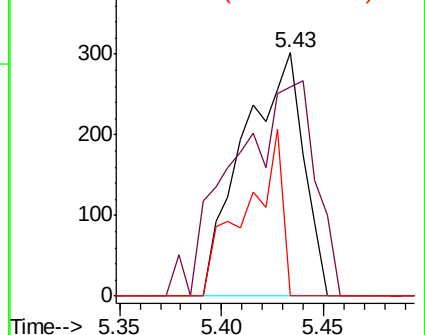
98 0.0 49.8 74.8#

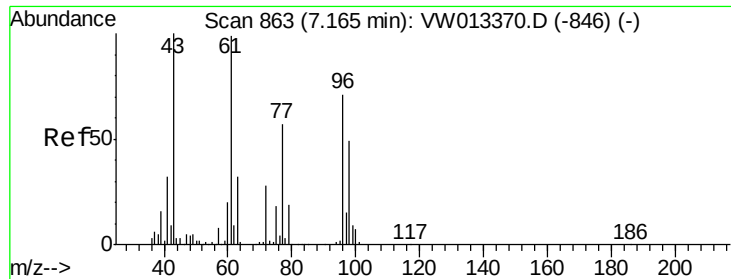


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#25

2-Butanone

Concen: 12.926 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

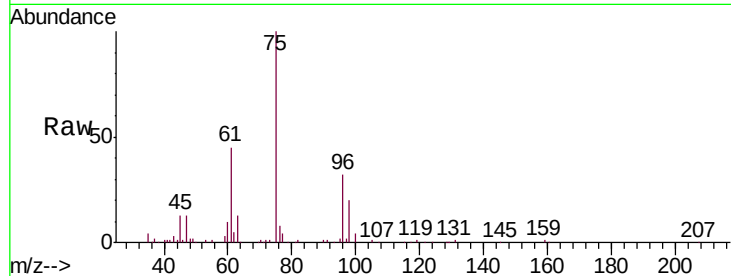
S-4(0-5)

Tgt Ion: 43 Resp: 1727

Ion Ratio Lower Upper

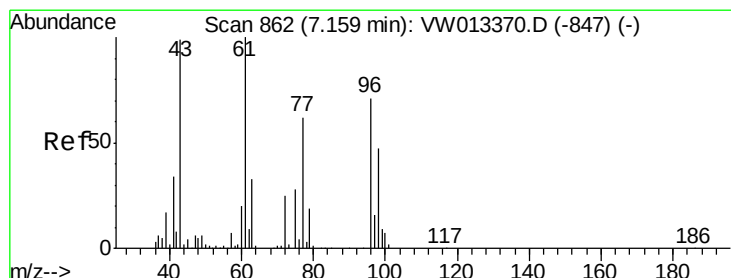
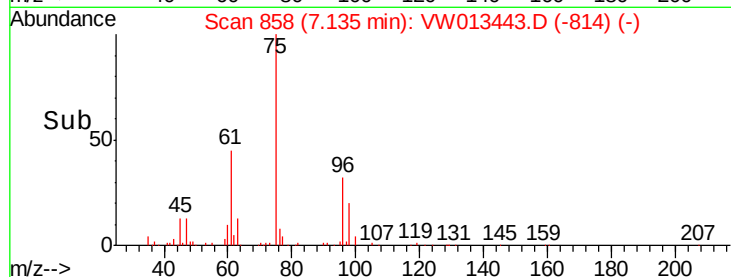
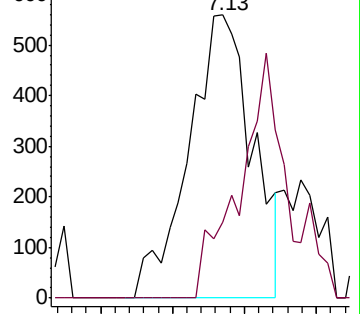
43 100

72 26.8 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 5.835 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: VW013443.D

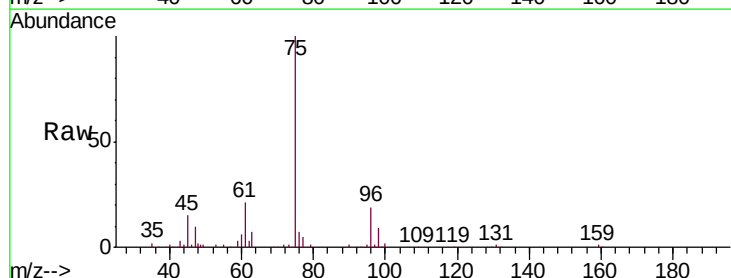
Acq: 04 Oct 2019 17:03

Tgt Ion: 77 Resp: 3087

Ion Ratio Lower Upper

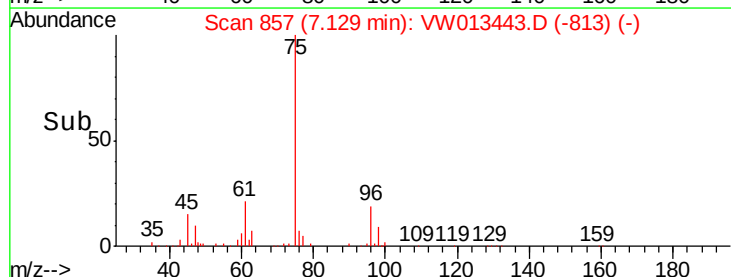
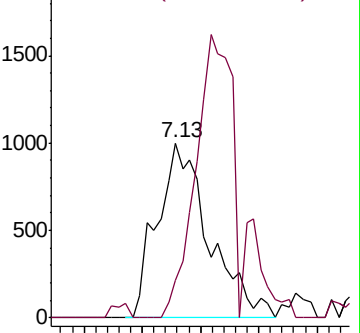
77 100

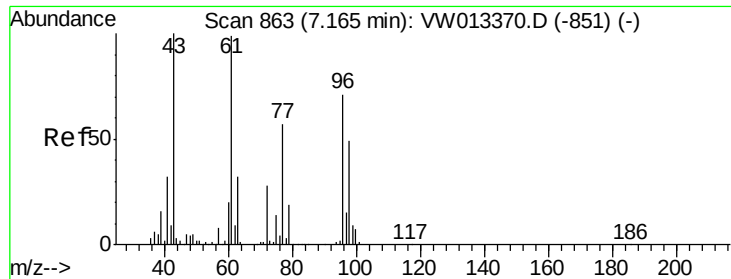
97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



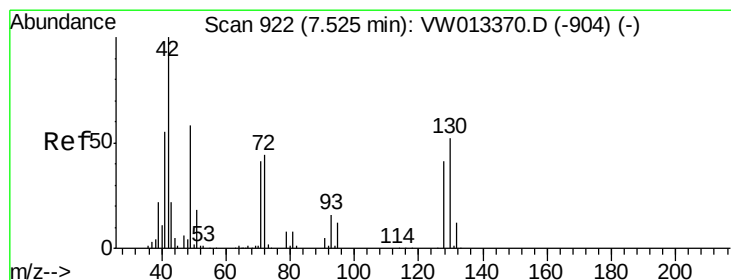
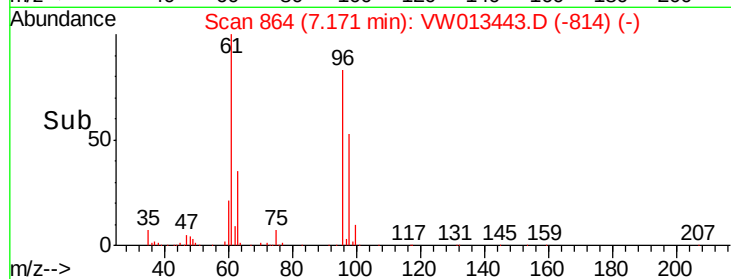
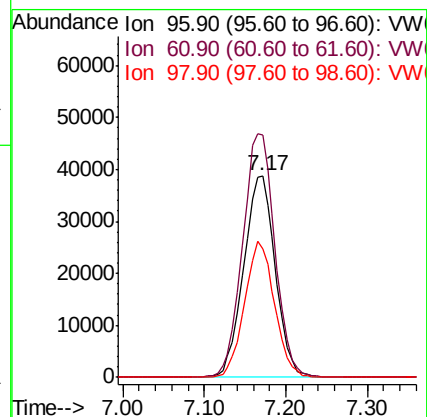
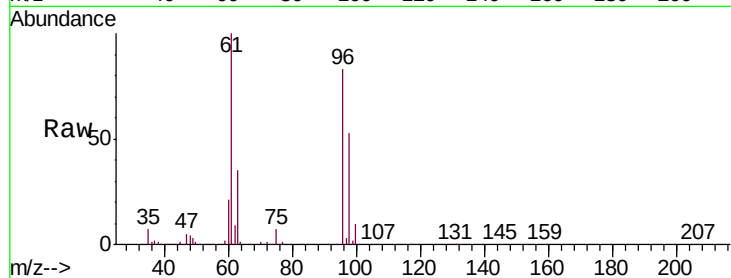


#27

cis-1,2-Dichloroethene
Concen: 222.605 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Instrument :
MSVOA_W
ClientSampled :
S-4(0-5)

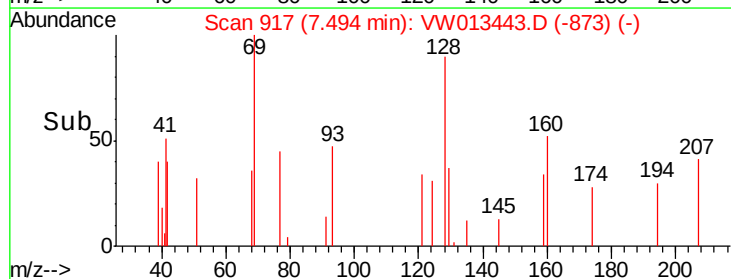
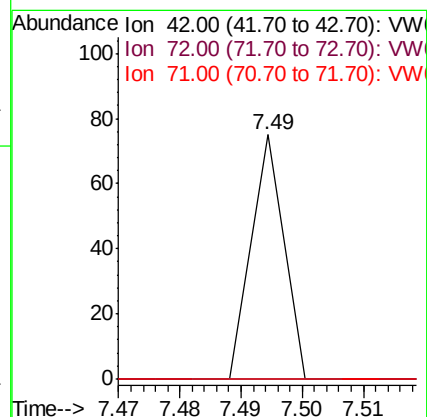
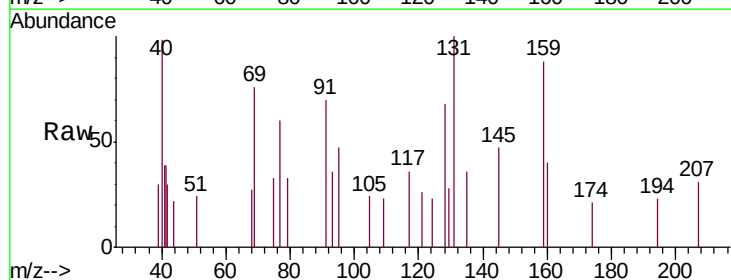
Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	282.4
98	63.9	0.0	128.2

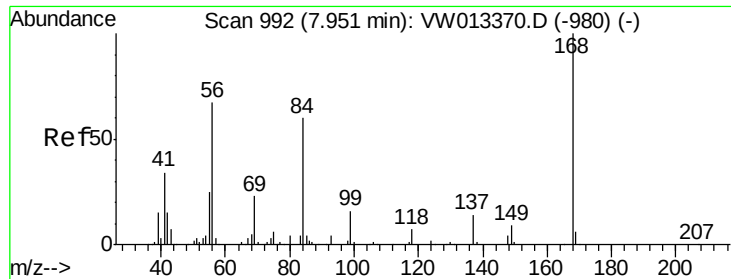


#29

Tetrahydrofuran
Concen: 10.027 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.03 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.9	50.9#
71	0.0	31.9	47.9#

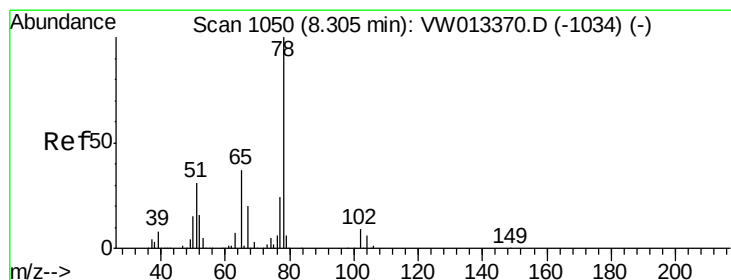
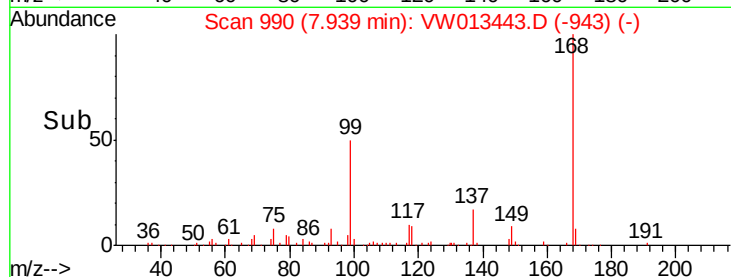
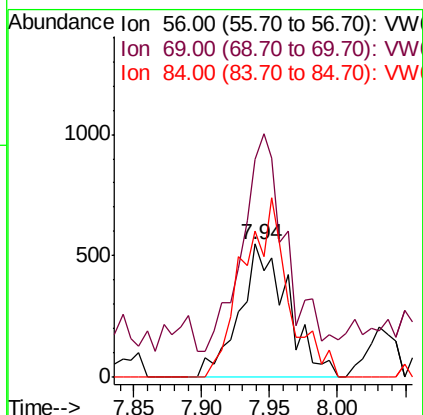
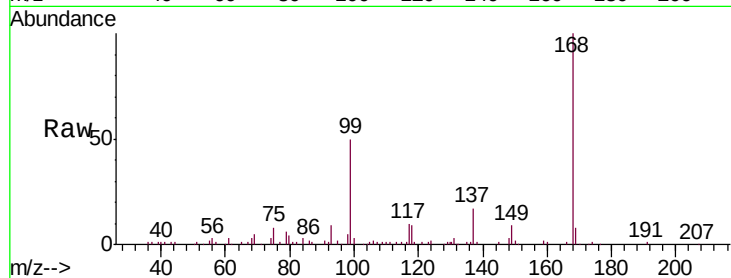




#31
Cyclohexane
Concen: 1.741 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

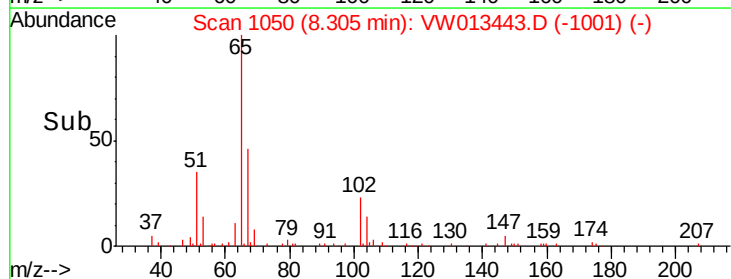
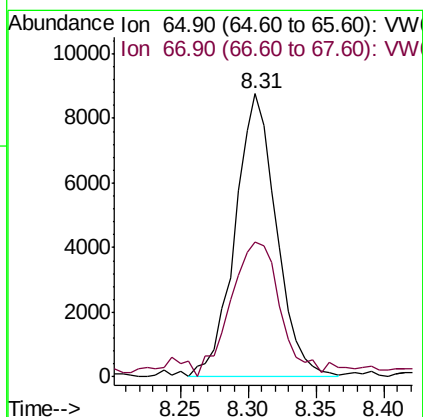
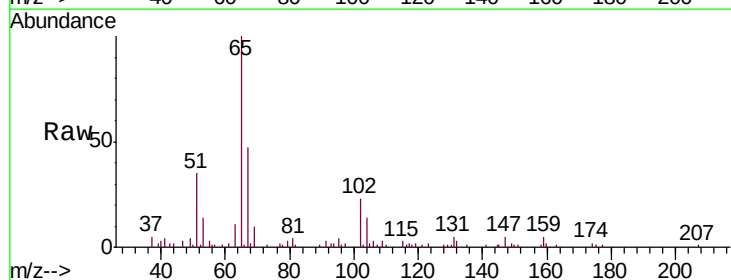
Instrument :
MSVOA_W
ClientSampleId :
S-4(0-5)

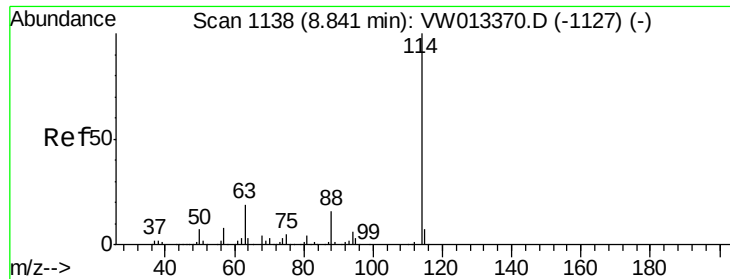
Tgt Ion: 56 Resp: 1357
Ion Ratio Lower Upper
56 100
69 135.3 27.2 40.8#
84 110.2 70.8 106.2#



#33
1,2-Dichloroethane-d4
Concen: 54.608 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion: 65 Resp: 18602
Ion Ratio Lower Upper
65 100
67 56.9 0.0 106.2

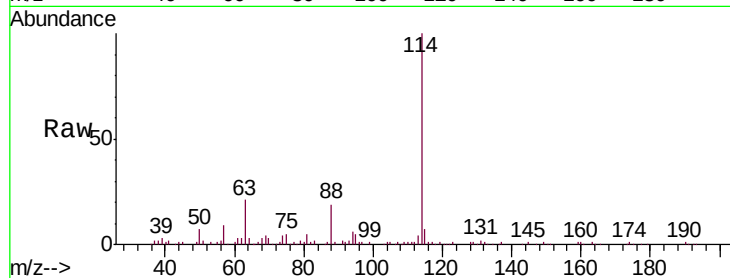




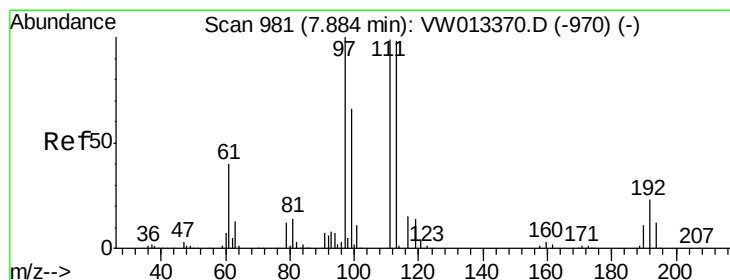
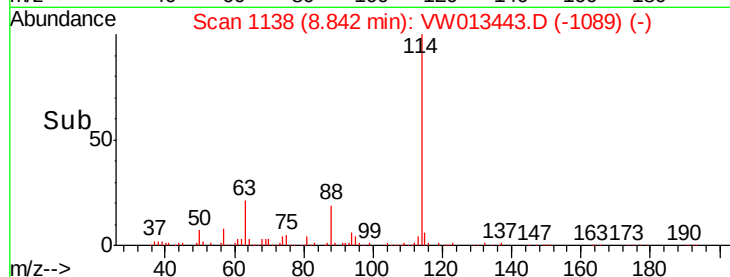
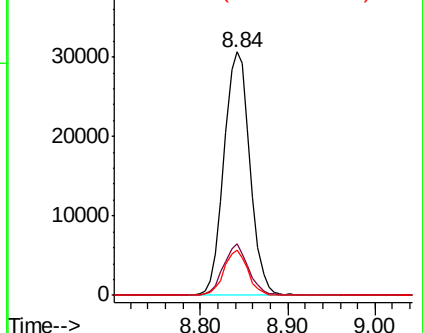
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(0-5)

Tgt Ion:114 Resp: 63226
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 18.7 0.0 32.0

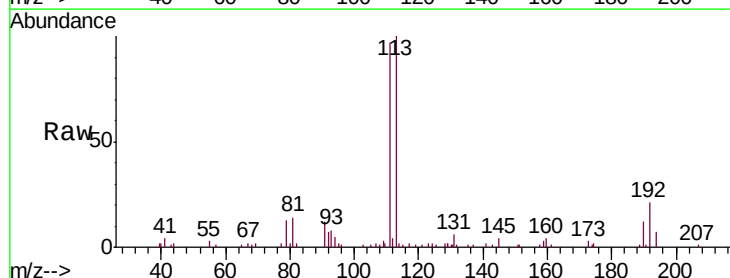


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

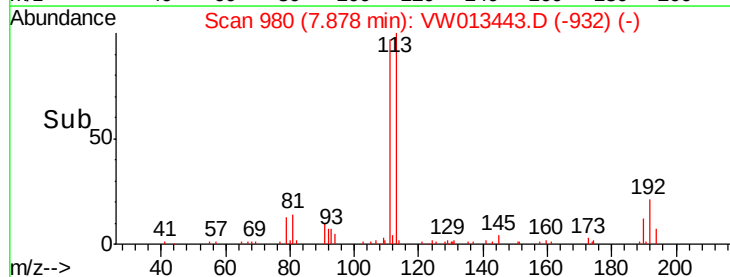
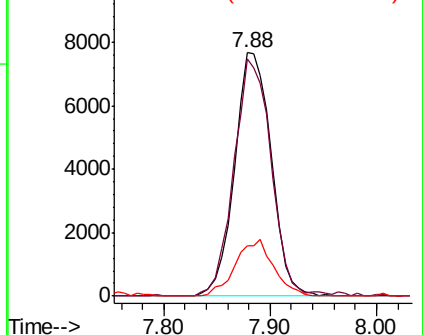


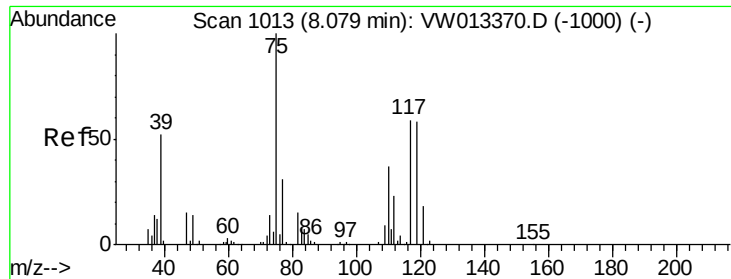
#35
 Dibromofluoromethane
 Concen: 55.947 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Tgt Ion:113 Resp: 18561
 Ion Ratio Lower Upper
 113 100
 111 98.9 81.9 122.9
 192 24.1 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

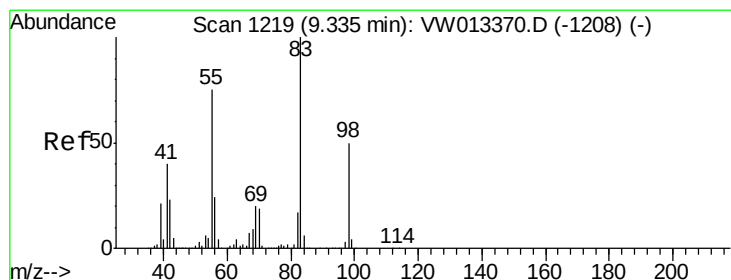
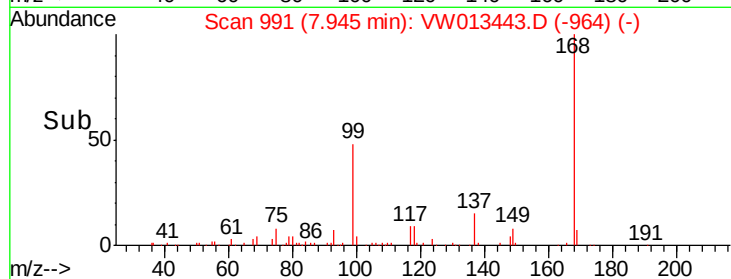
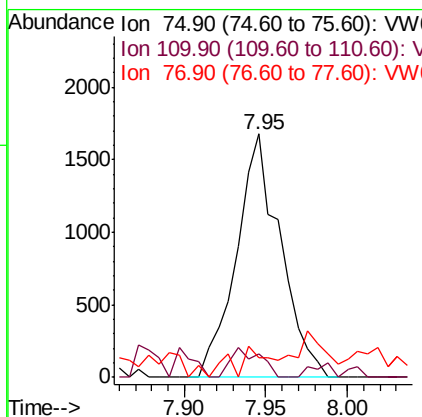
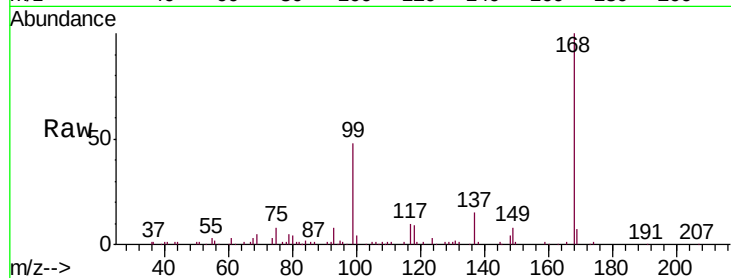




#36
 1,1-Dichloropropene
 Concen: 5.345 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

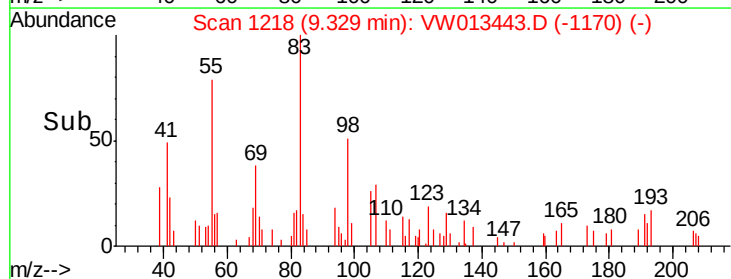
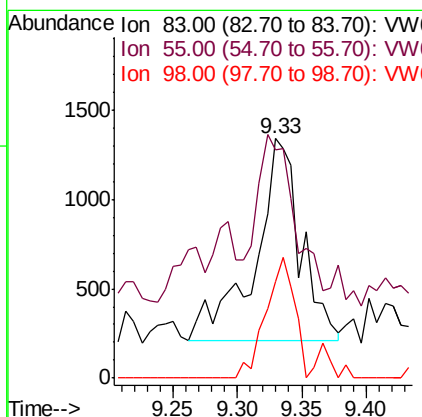
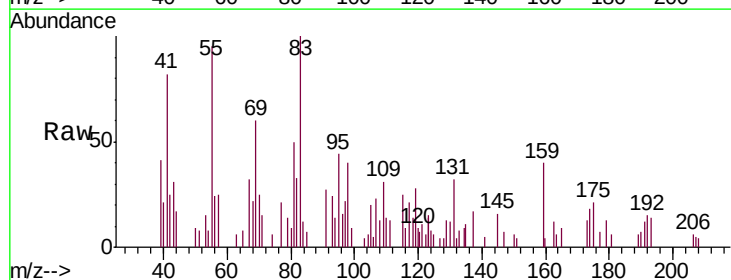
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(0-5)

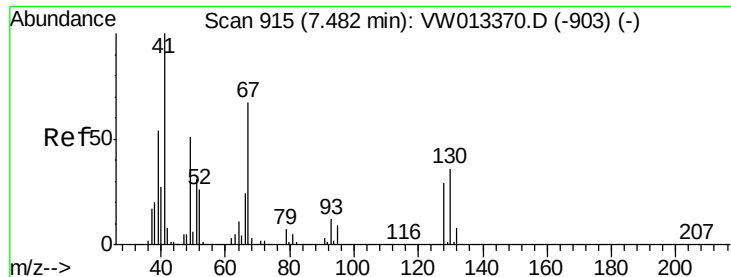
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.3#
77	6.9	25.8	38.6#



#39
 Methylcyclohexane
 Concen: 3.641 ug/l
 RT: 9.33 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Tgt Ion	Ratio	Lower	Upper
83	100		
55	57.1	60.4	90.6#
98	47.4	40.0	60.0

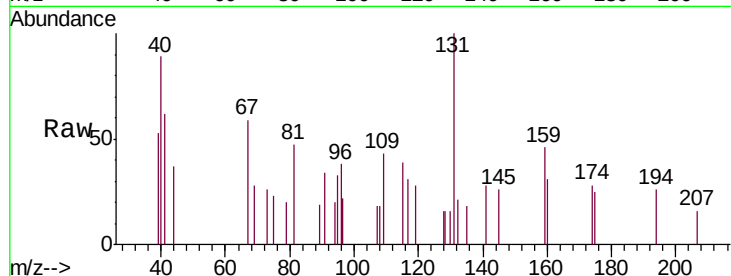




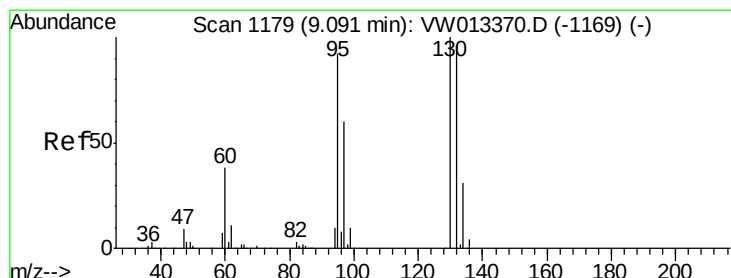
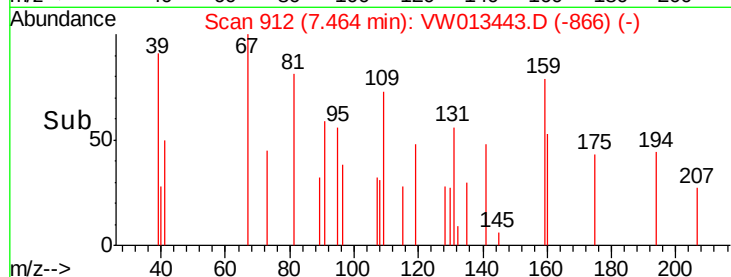
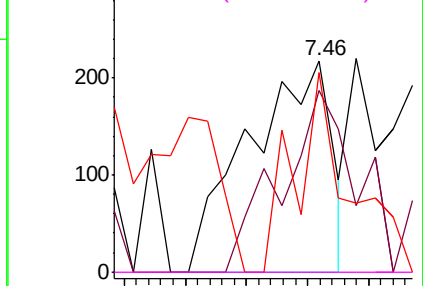
#41
Methacrylonitrile
Concen: 2.643 ug/l
RT: 7.46 min Scan# 912
Delta R.T. -0.02 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Instrument :
MSVOA_W
ClientSampleId :
S-4(0-5)

Tgt Ion: 41 Resp: 413
Ion Ratio Lower Upper
41 100
39 77.2 45.9 68.9#
67 61.0 54.5 81.7
52 0.0 22.5 33.7#

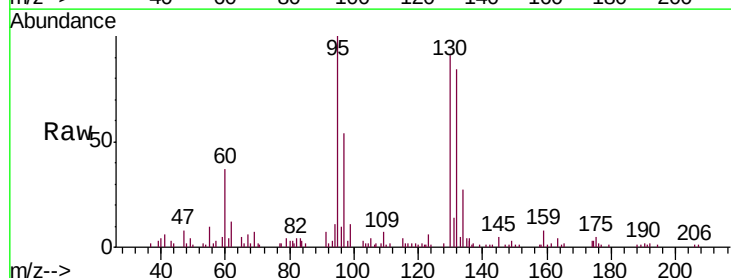


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

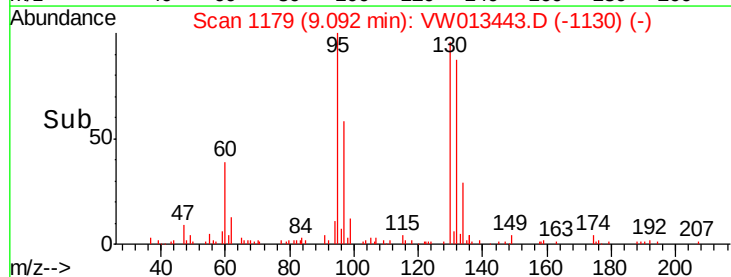
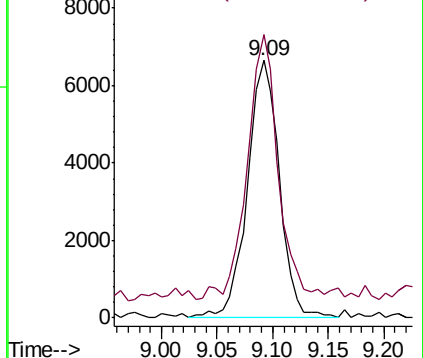


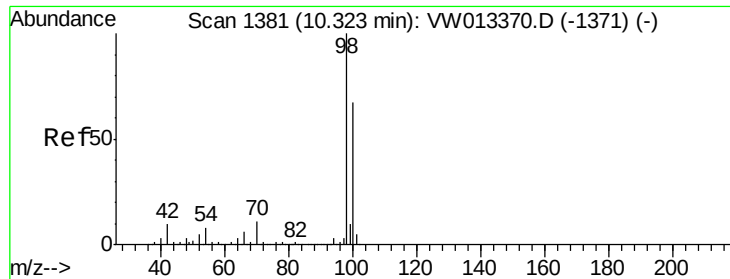
#44
Trichloroethene
Concen: 28.514 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion: 130 Resp: 13348
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#50

Toluene-d8

Concen: 54.005 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

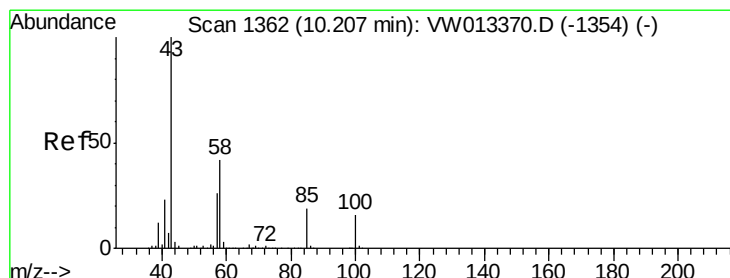
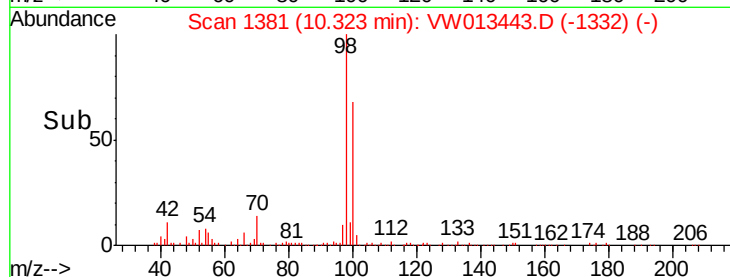
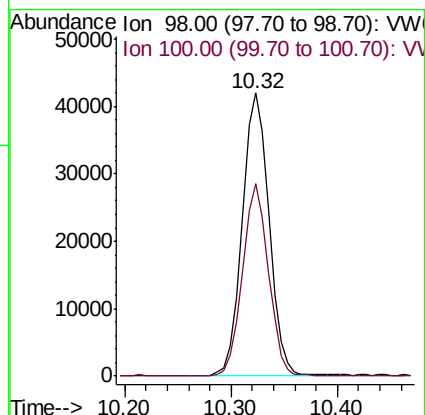
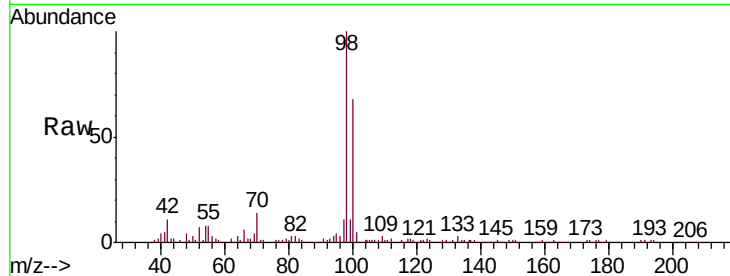
S-4(0-5)

Tgt Ion: 98 Resp: 74352

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 4.456 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW013443.D

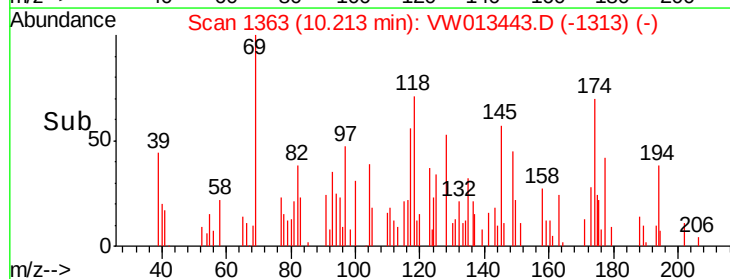
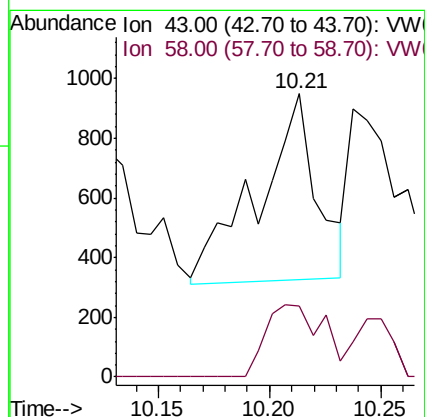
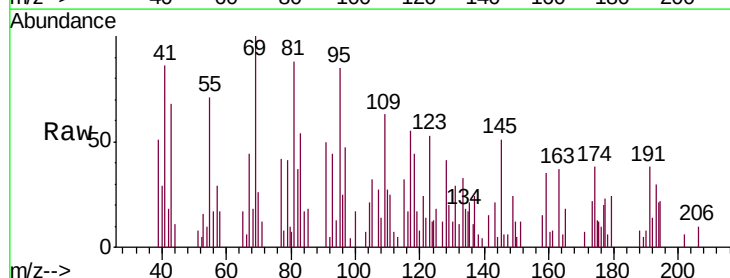
Acq: 04 Oct 2019 17:03

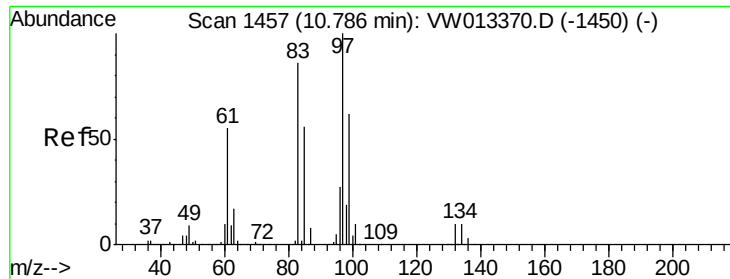
Tgt Ion: 43 Resp: 1142

Ion Ratio Lower Upper

43 100

58 37.7 31.7 47.5

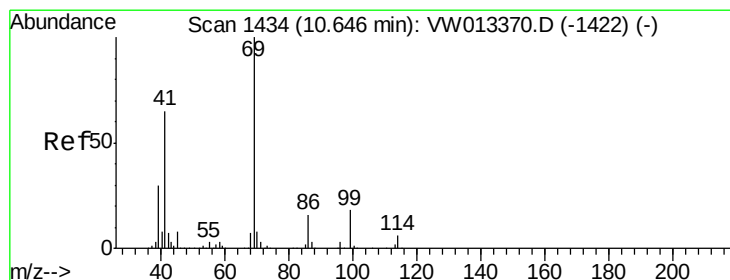
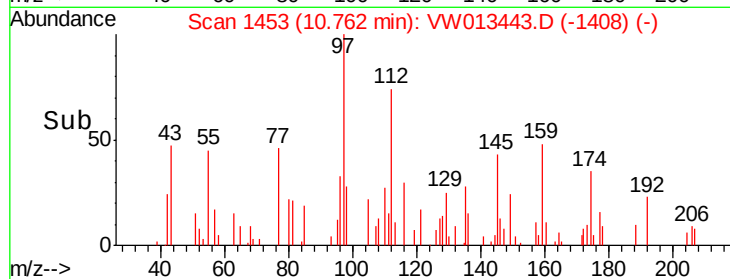
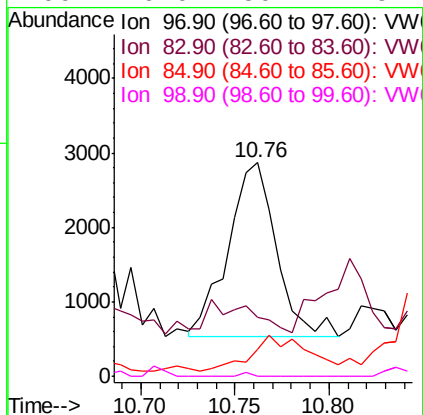
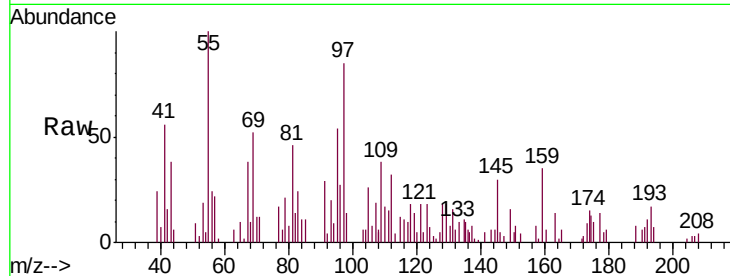




#55
 1,1,2-Trichloroethane
 Concen: 13.882 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

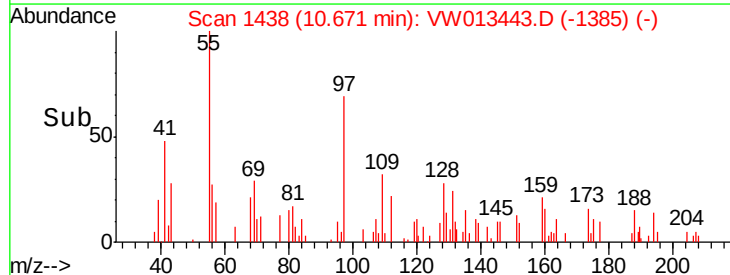
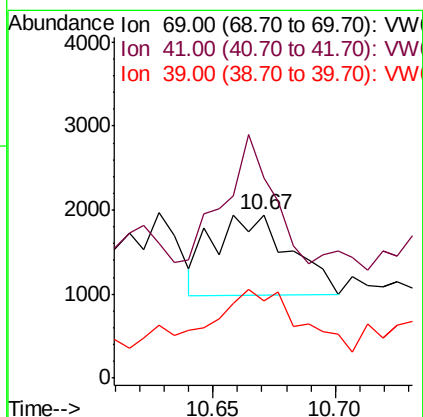
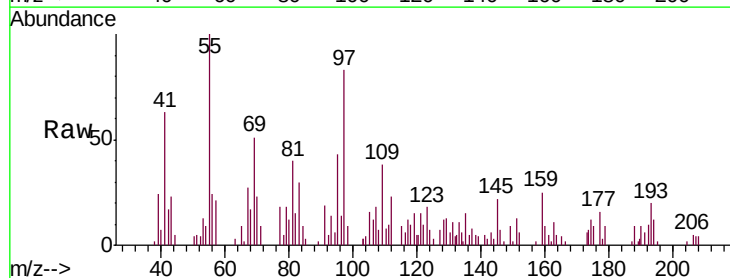
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(0-5)

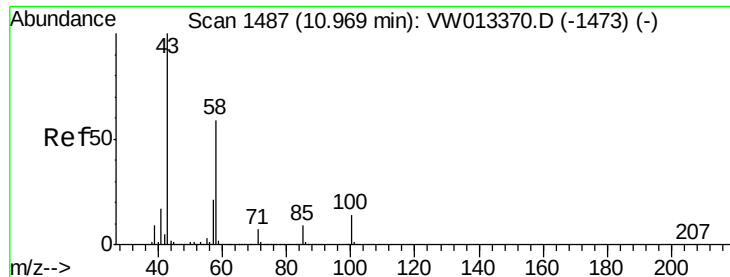
Tgt Ion: 97 Resp: 4117
 Ion Ratio Lower Upper
 97 100
 83 6.7 67.6 101.4#
 85 11.1 41.9 62.9#
 99 0.0 50.1 75.1#



#56
 Ethyl methacrylate
 Concen: 5.261 ug/l
 RT: 10.67 min Scan# 1438
 Delta R.T. 0.02 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Tgt Ion: 69 Resp: 2100
 Ion Ratio Lower Upper
 69 100
 41 134.8 53.9 80.9#
 39 80.8 23.8 35.6#

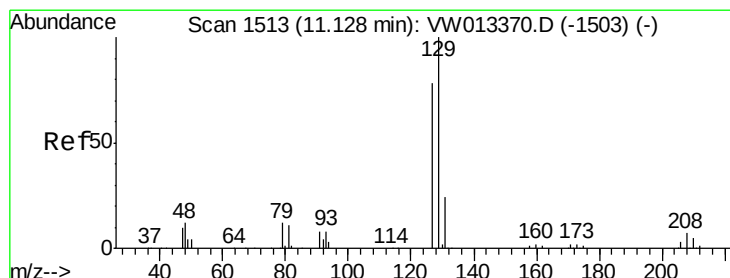
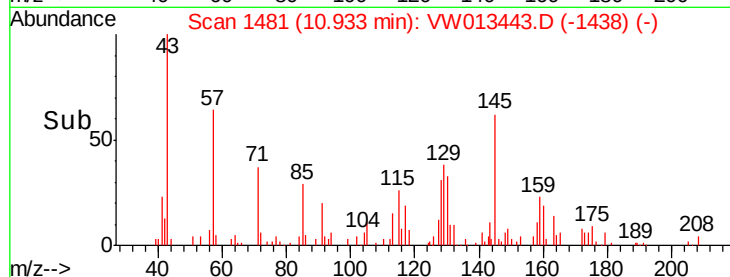
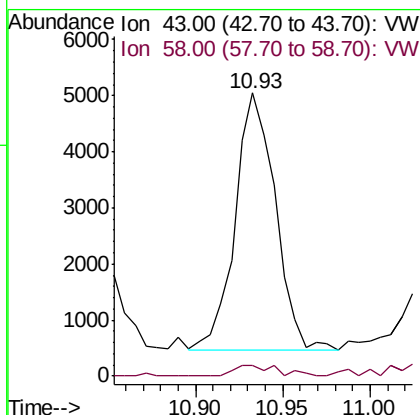
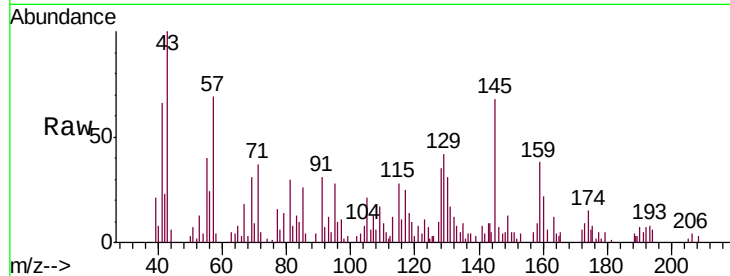




#59
2-Hexanone
Concen: 41.325 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

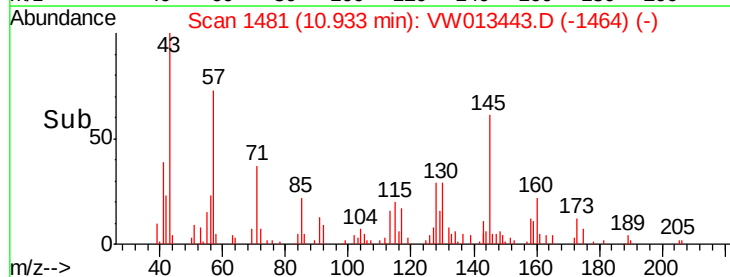
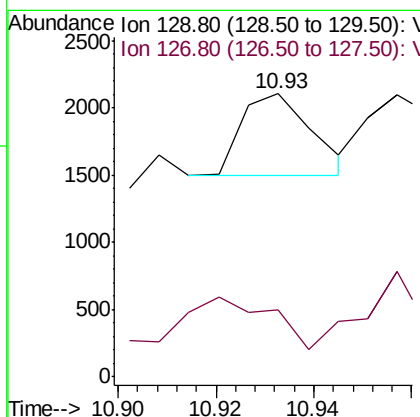
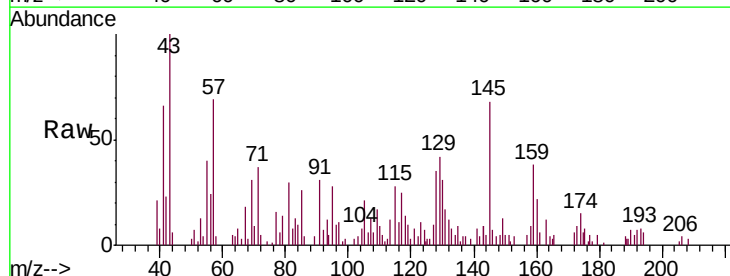
Instrument :
MSVOA_W
ClientSampleId :
S-4(0-5)

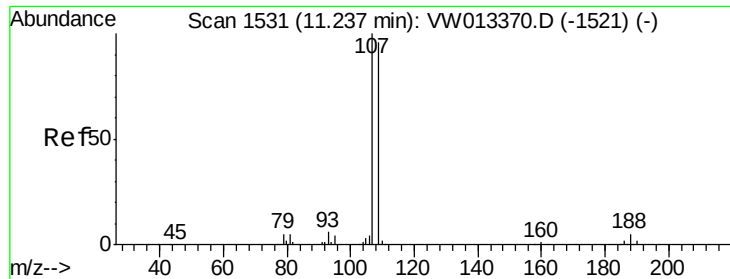
Tgt Ion: 43 Resp: 7341
Ion Ratio Lower Upper
43 100
58 4.6 28.1 84.2#



#60
Dibromochloromethane
Concen: 1.768 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.19 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion: 129 Resp: 600
Ion Ratio Lower Upper
129 100
127 95.8 38.8 116.4

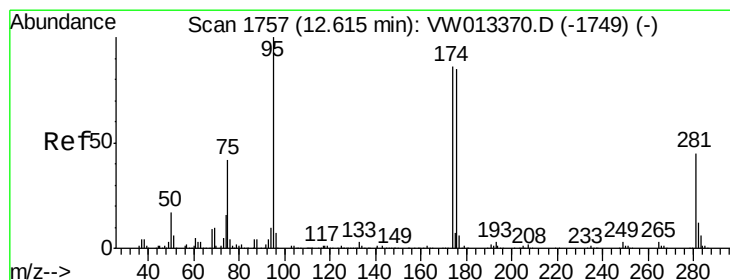
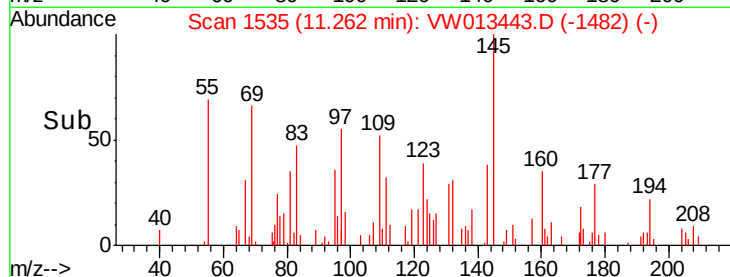
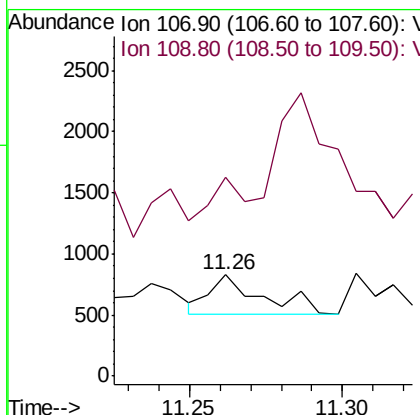
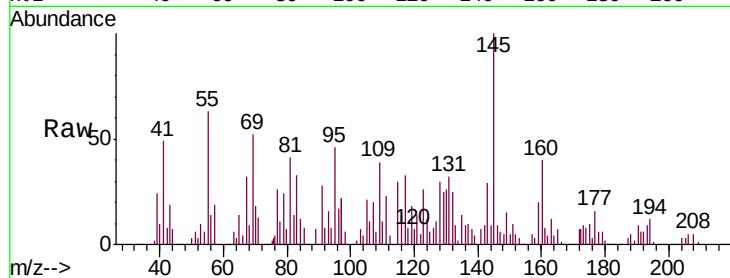




#61
 1,2-Dibromoethane
 Concen: 1.298 ug/l
 RT: 11.26 min Scan# 1535
 Delta R.T. 0.02 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

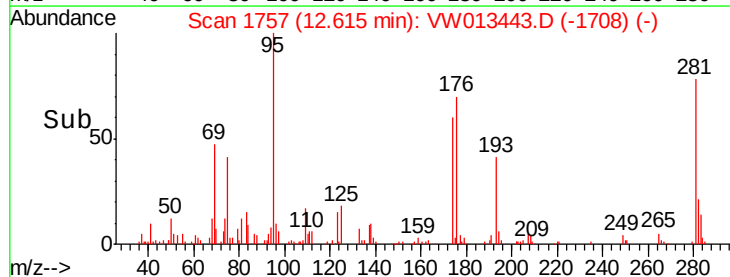
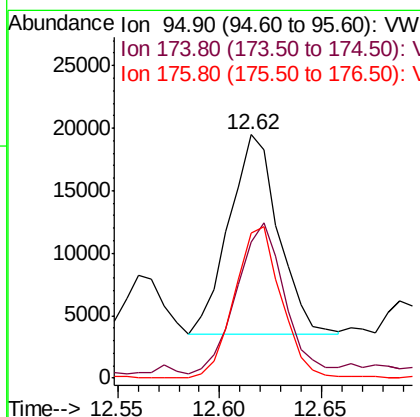
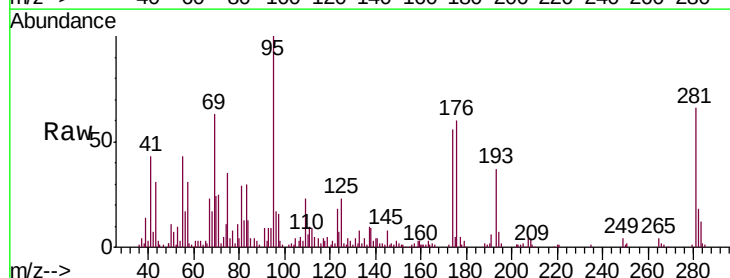
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(0-5)

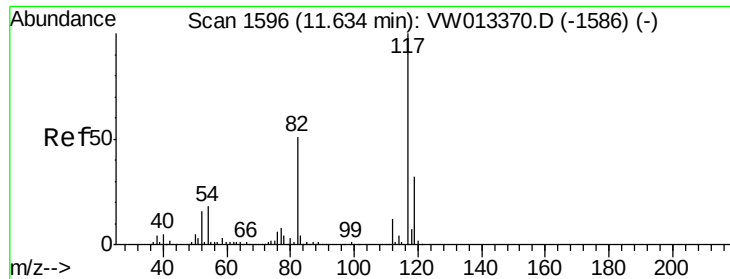
Tgt Ion: 107 Resp: 372
 Ion Ratio Lower Upper
 107 100
 109 0.0 75.2 112.8#



#62
 4-Bromofluorobenzene
 Concen: 58.236 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Tgt Ion: 95 Resp: 26774
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 178.4
 176 72.8 0.0 172.2

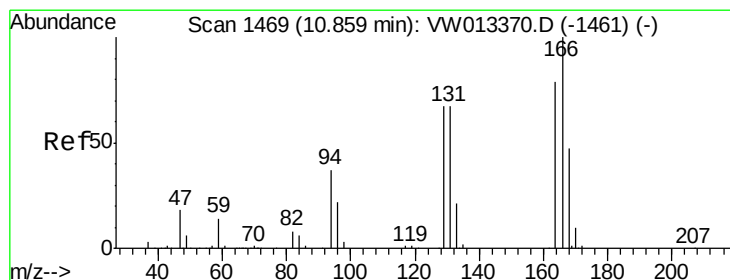
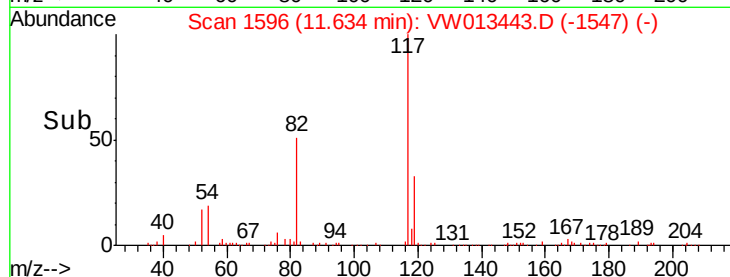
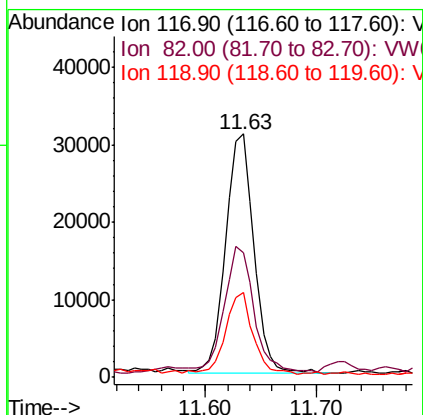
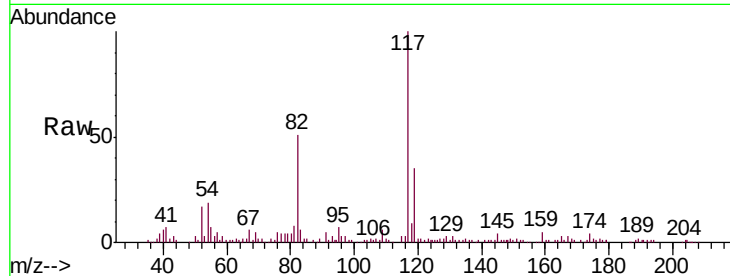




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

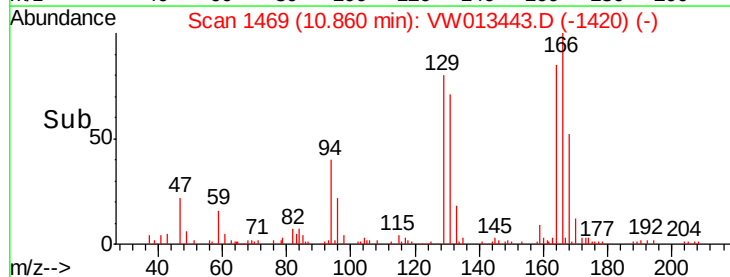
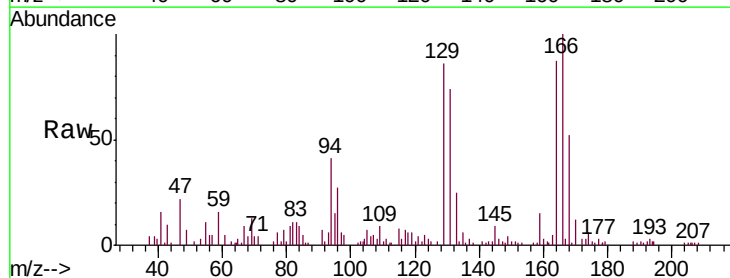
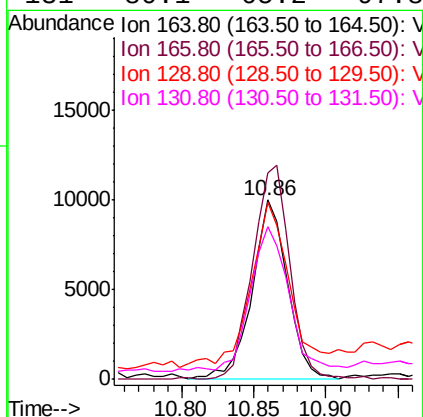
Instrument :
MSVOA_W
ClientSampleId :
S-4(0-5)

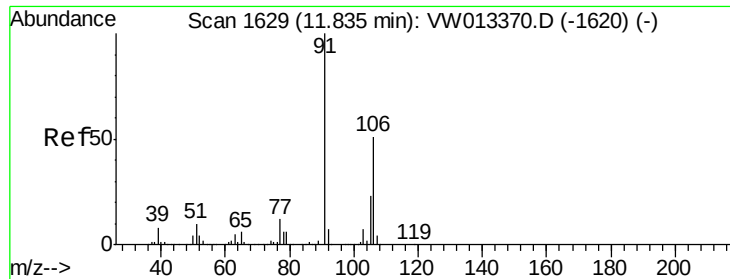
Tgt Ion:117 Resp: 54449
Ion Ratio Lower Upper
117 100
82 47.7 45.9 68.9
119 33.9 26.2 39.2



#64
Tetrachloroethene
Concen: 40.863 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion:164 Resp: 16927
Ion Ratio Lower Upper
164 100
166 114.4 101.2 151.8
129 90.0 68.8 103.2
131 80.1 65.2 97.8

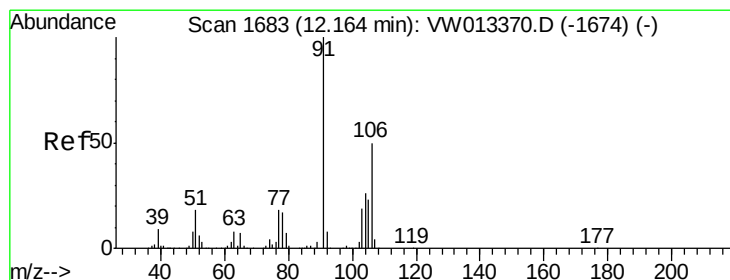
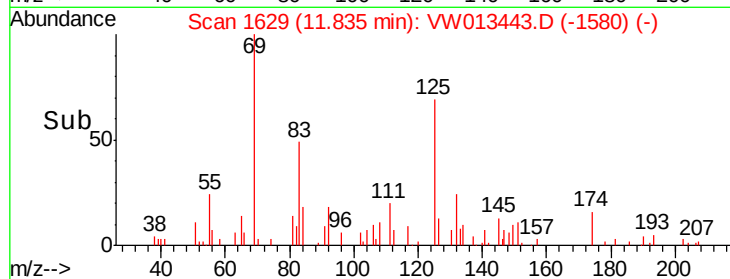
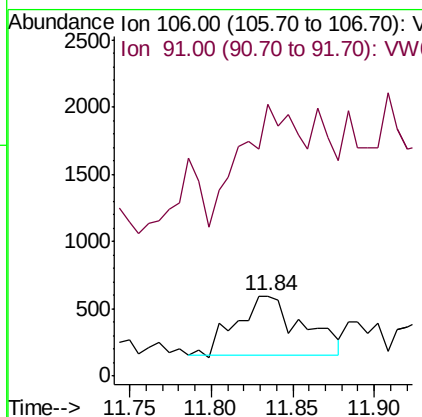
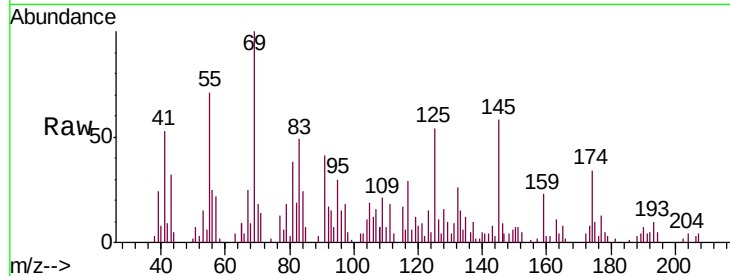




#68
m/p-Xylenes
Concen: 1.571 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

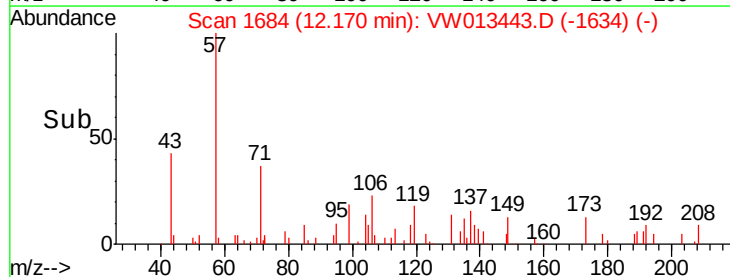
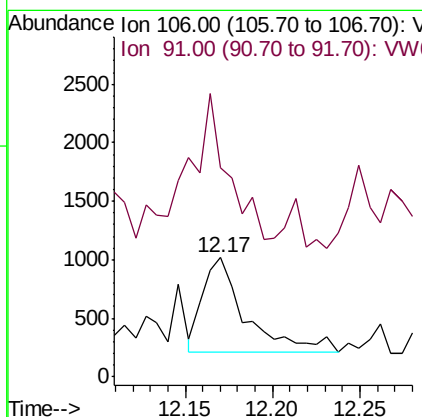
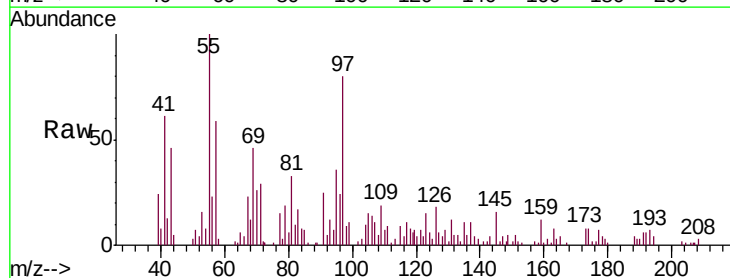
Instrument :
MSVOA_W
ClientSampleId :
S-4(0-5)

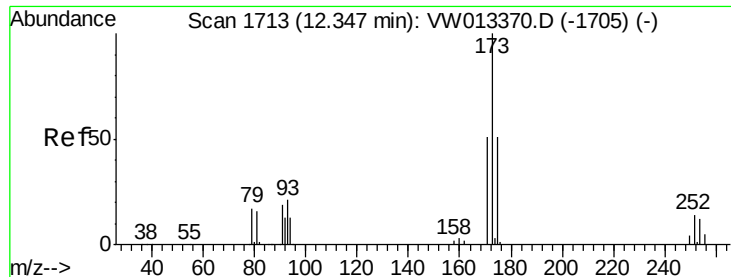
Tgt Ion:106 Resp: 1212
Ion Ratio Lower Upper
106 100
91 187.4 157.9 236.9



#69
o-Xylene
Concen: 1.950 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion:106 Resp: 1391
Ion Ratio Lower Upper
106 100
91 127.9 106.5 319.5





#71

Bromoform

Concen: 2.544 ug/l

RT: 12.32 min Scan# 1709

Delta R.T. -0.02 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

S-4(0-5)

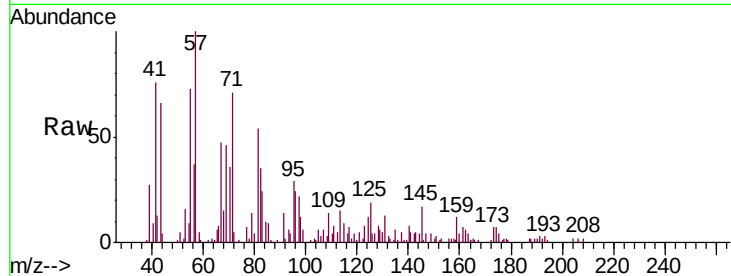
Tgt Ion:173 Resp: 524

Ion Ratio Lower Upper

173 100

175 63.5 24.3 73.0

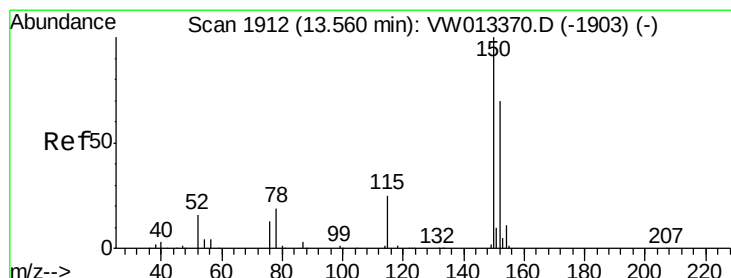
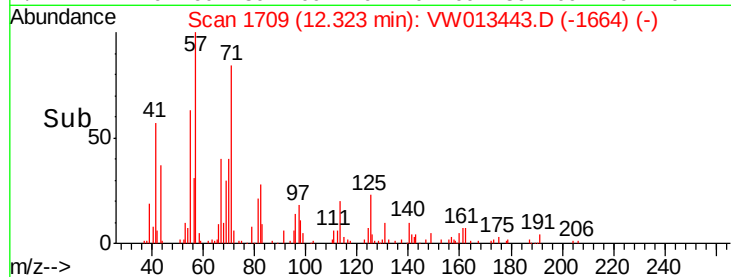
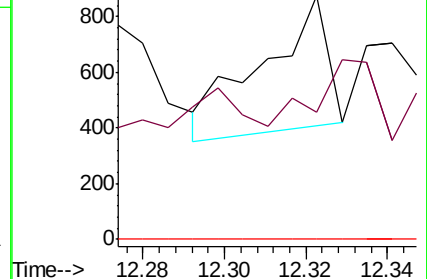
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

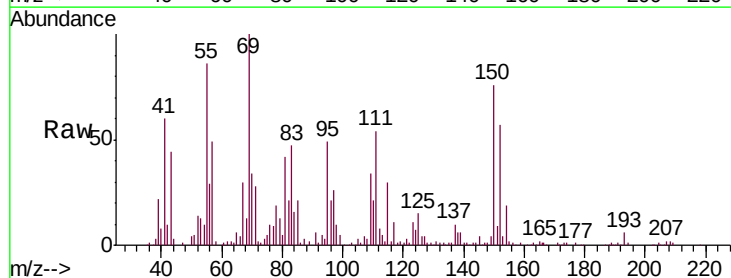
Tgt Ion:152 Resp: 29232

Ion Ratio Lower Upper

152 100

115 36.8 27.3 81.9

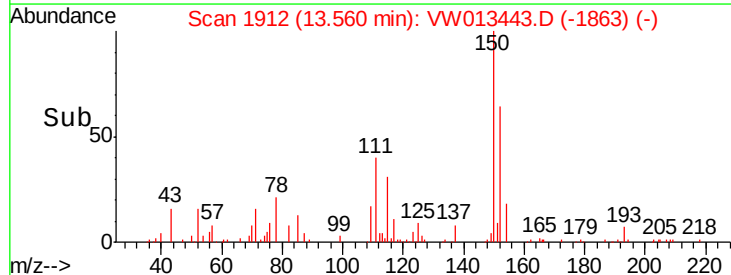
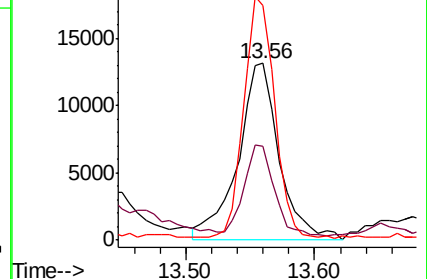
150 100.1 0.0 349.0

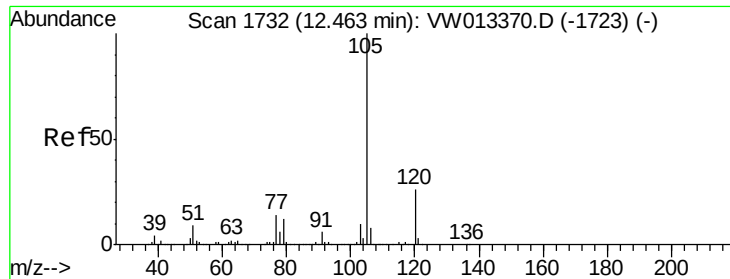


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.681 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

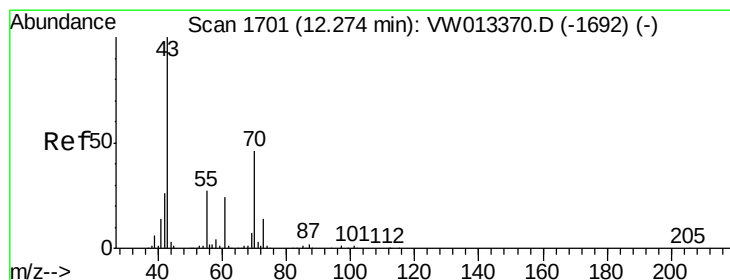
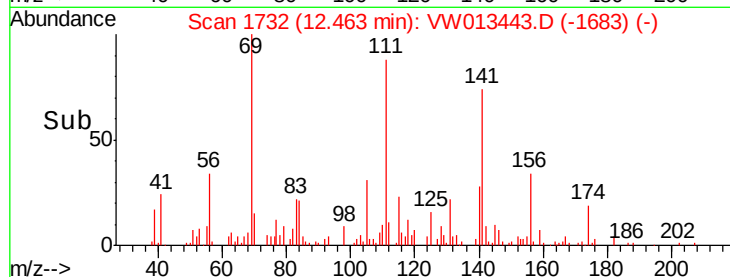
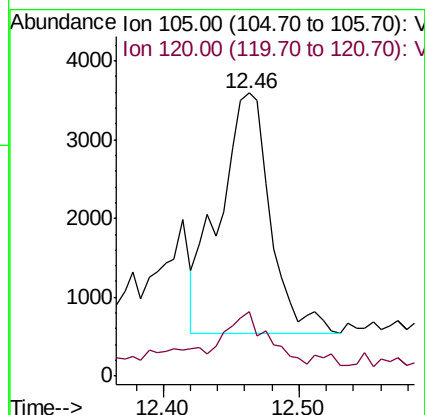
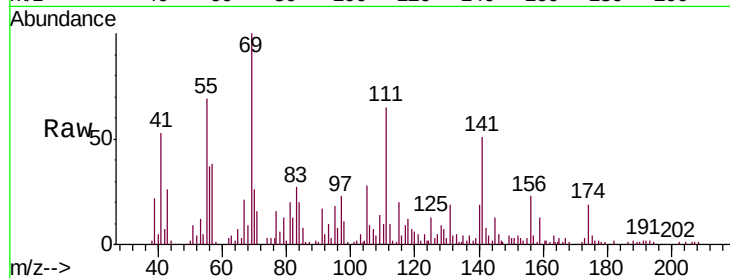
S-4(0-5)

Tgt Ion: 105 Resp: 7871

Ion Ratio Lower Upper

105 100

120 22.3 13.4 40.1



#74

N-ethyl acetate

Concen: 80.429 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Tgt Ion: 43 Resp: 36600

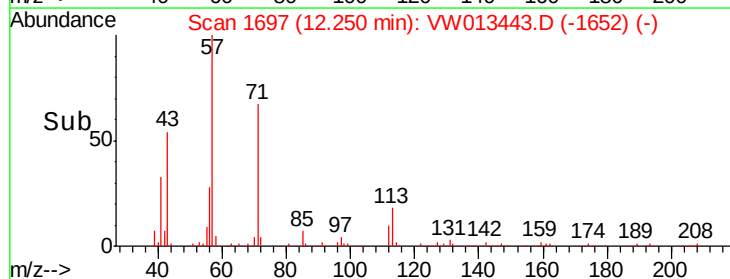
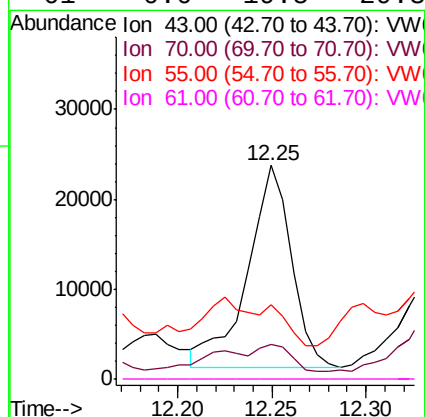
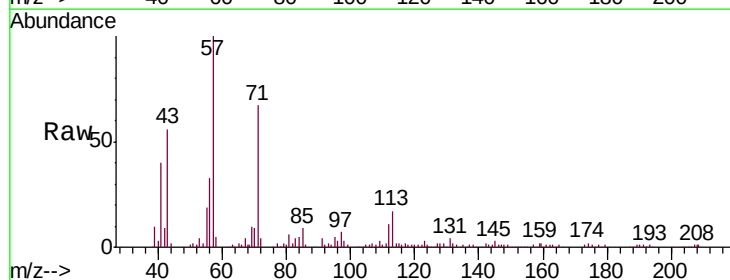
Ion Ratio Lower Upper

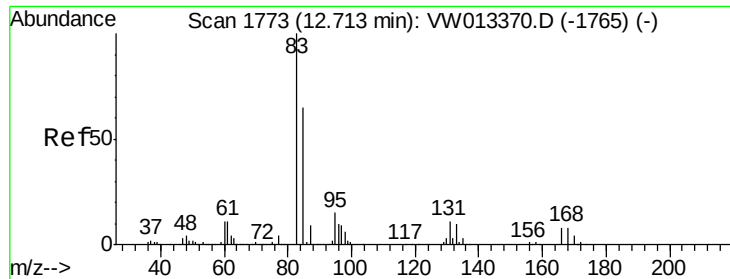
43 100

70 9.7 35.1 52.7#

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 24.766 ug/l

RT: 12.68 min Scan# 1768

Delta R.T. -0.03 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

S-4(0-5)

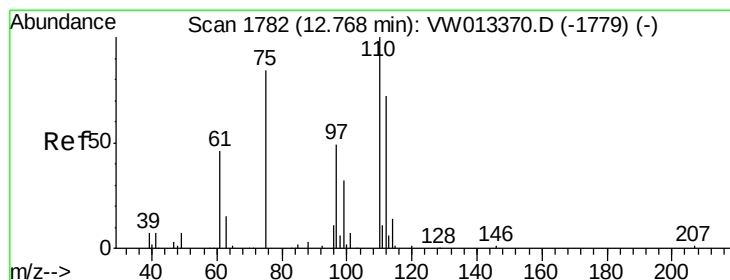
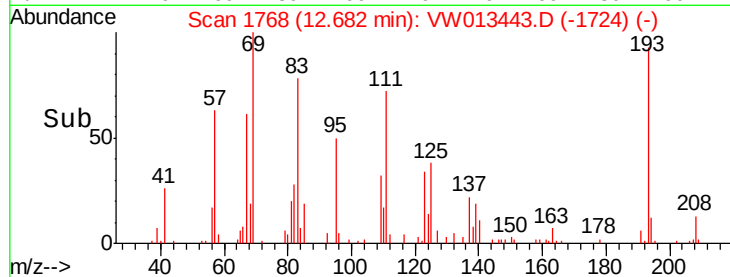
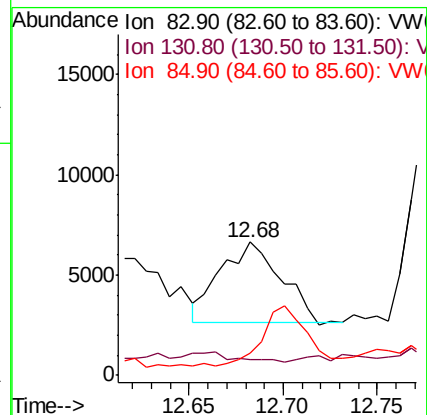
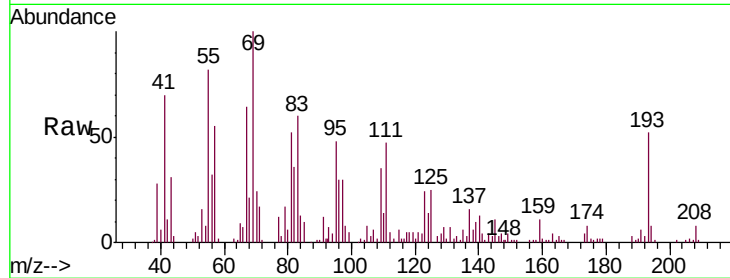
Tgt Ion: 83 Resp: 8963

Ion Ratio Lower Upper

83 100

131 8.1 5.4 16.2

85 0.0 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 4.349 ug/l

RT: 12.83 min Scan# 1793

Delta R.T. 0.07 min

Lab File: VW013443.D

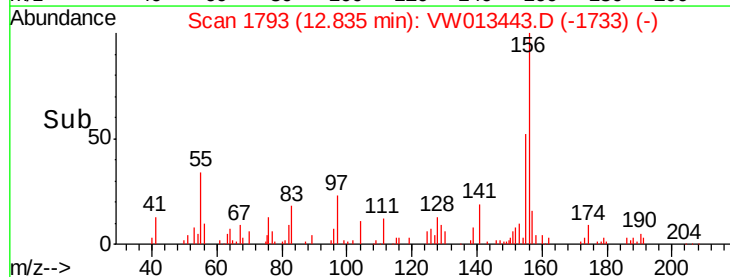
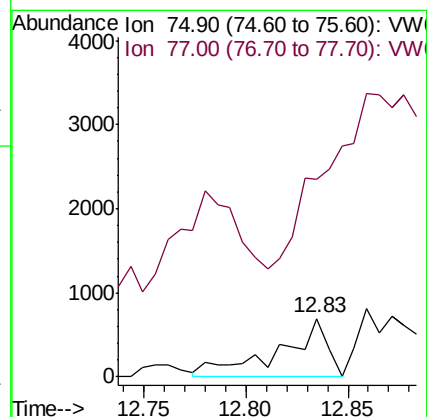
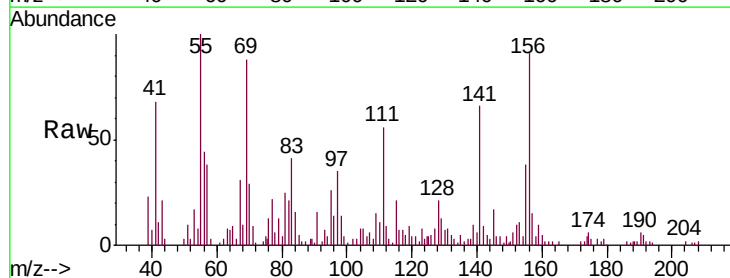
Acq: 04 Oct 2019 17:03

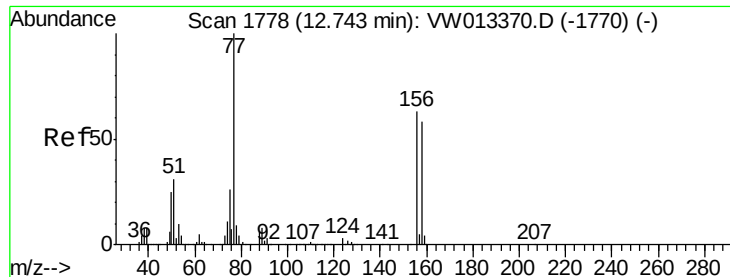
Tgt Ion: 75 Resp: 1130

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 139.186 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.12 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

S-4(0-5)

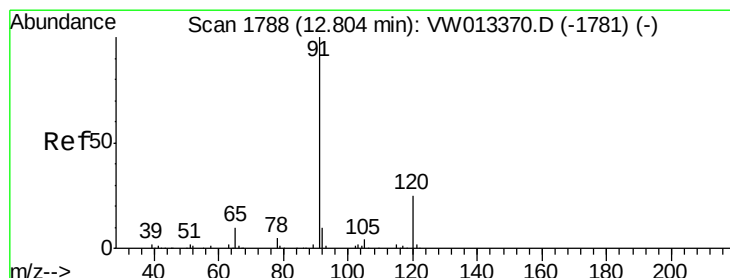
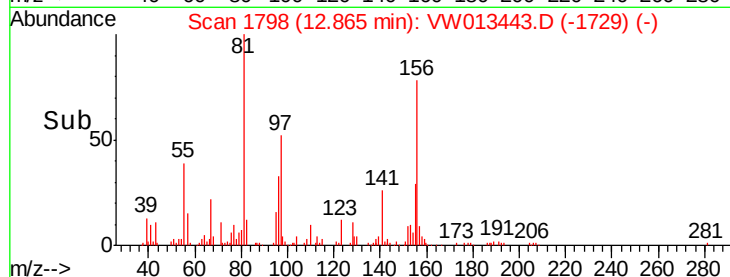
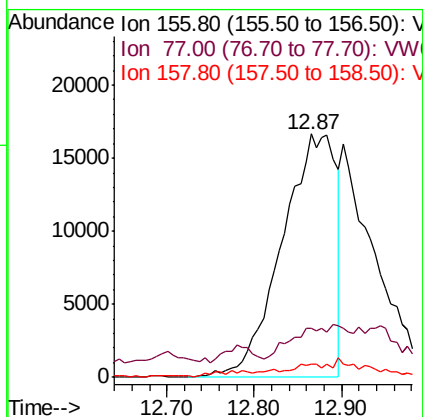
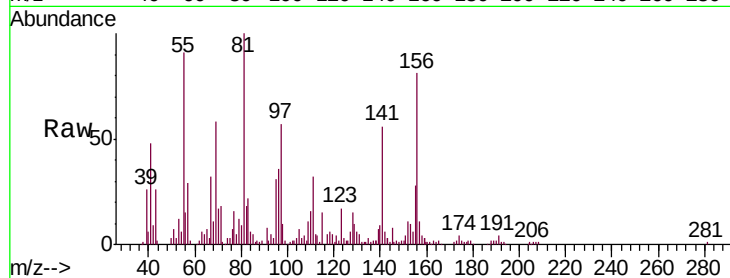
Tgt Ion:156 Resp: 71463

Ion Ratio Lower Upper

156 100

77 6.6 85.7 257.1#

158 1.1 48.1 144.4#



#78

n-propylbenzene

Concen: 1.484 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013443.D

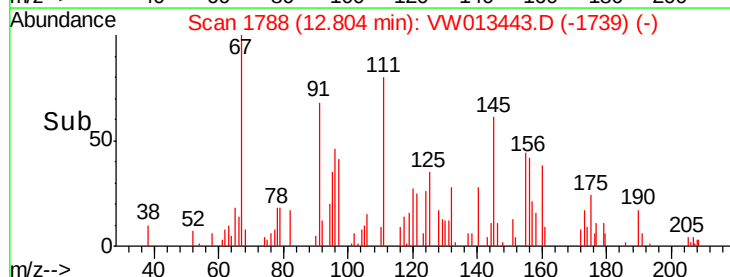
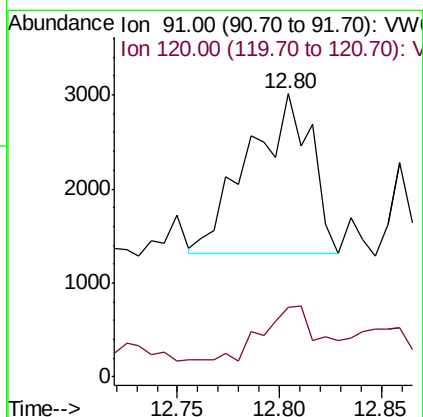
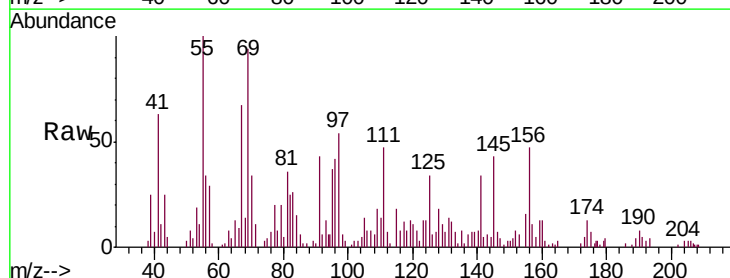
Acq: 04 Oct 2019 17:03

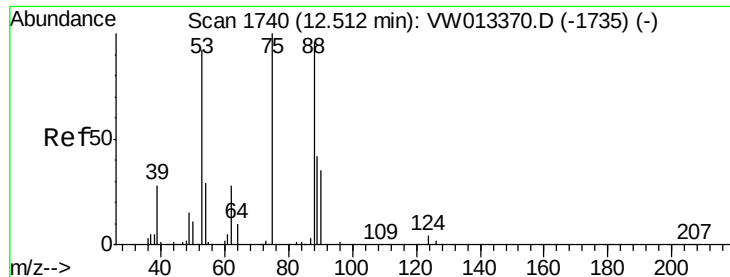
Tgt Ion: 91 Resp: 3649

Ion Ratio Lower Upper

91 100

120 28.8 11.7 35.1





#81

trans-1,4-Dichloro-2-butene

Concen: 7.170 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

S-4(0-5)

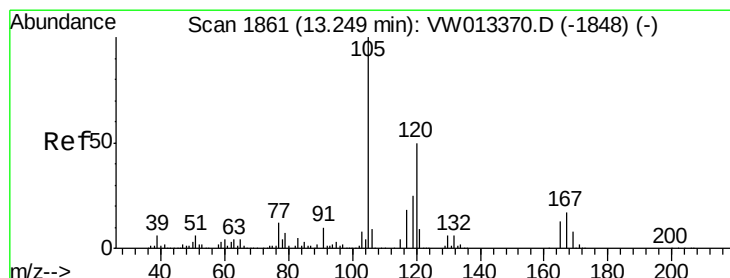
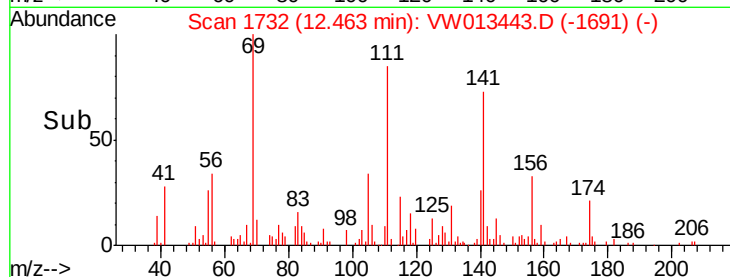
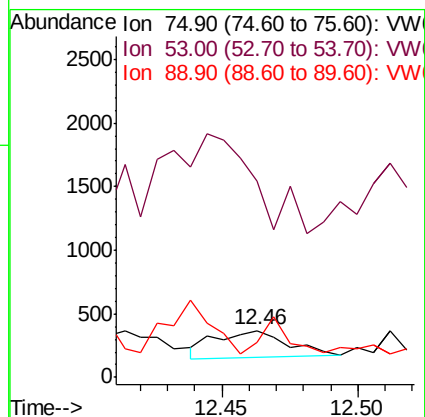
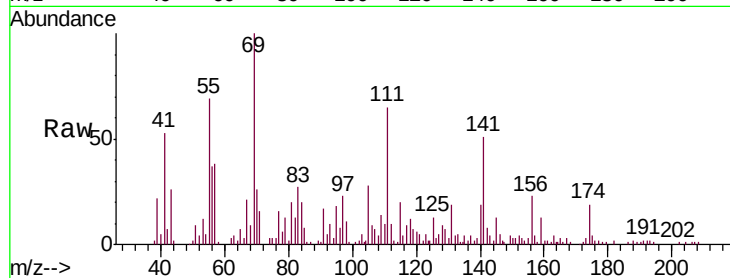
Tgt Ion: 75 Resp: 396

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 50.5 33.5 50.3#



#84

1,2,4-Trimethylbenzene

Concen: 3.529 ug/l

RT: 13.10 min Scan# 1837

Delta R.T. -0.15 min

Lab File: VW013443.D

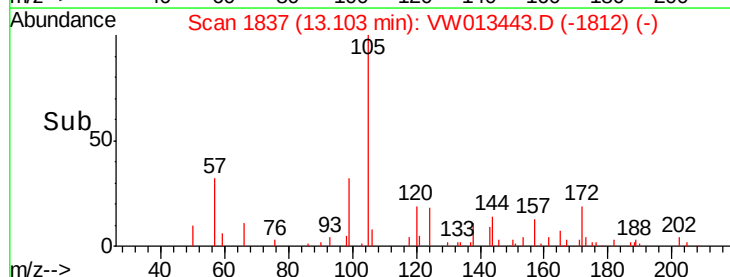
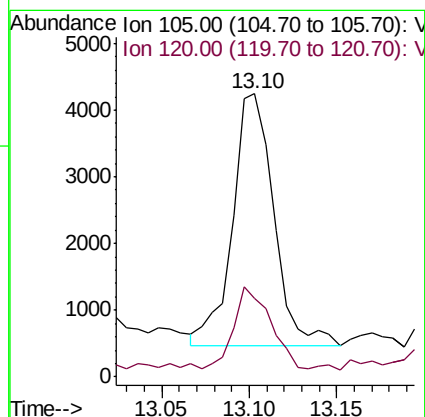
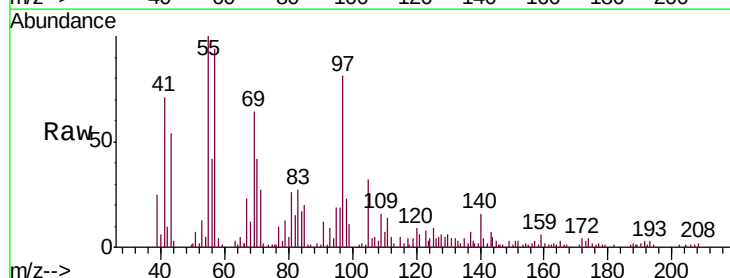
Acq: 04 Oct 2019 17:03

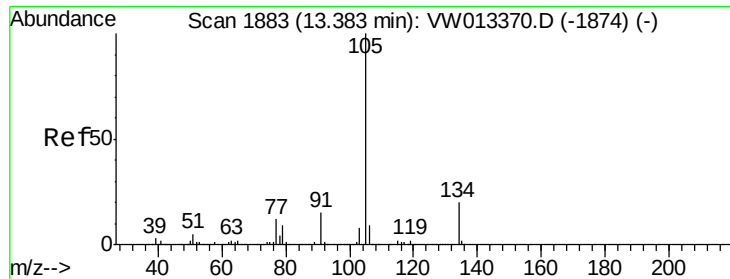
Tgt Ion: 105 Resp: 6232

Ion Ratio Lower Upper

105 100

120 28.9 23.4 70.3

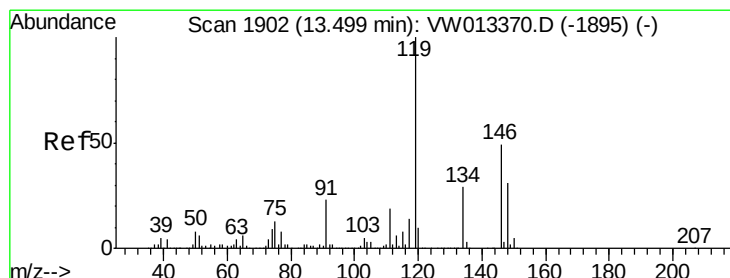
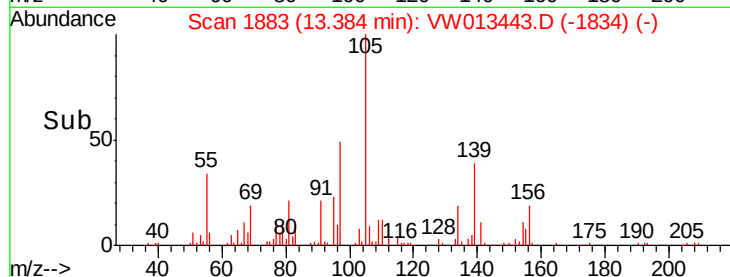
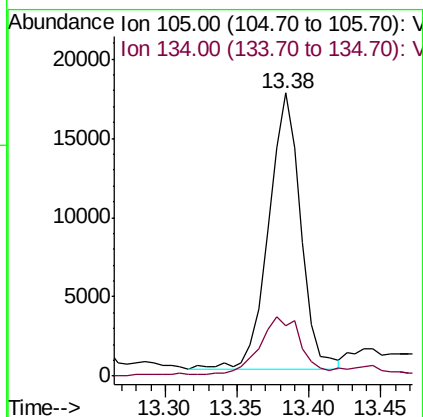
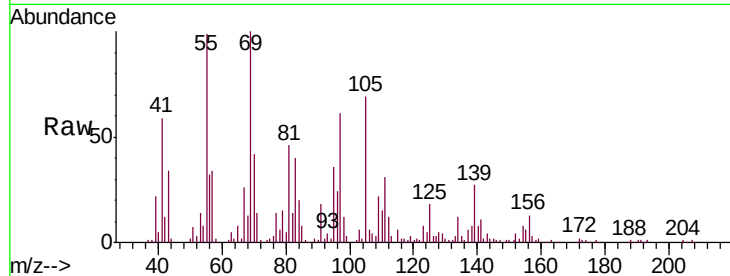




#85
 sec-Butylbenzene
 Concen: 12.685 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

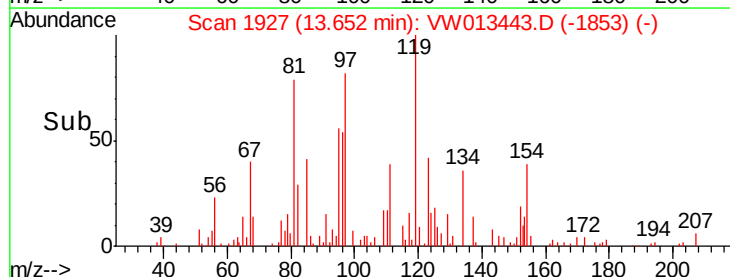
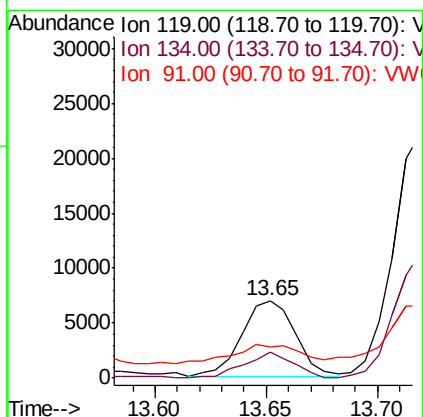
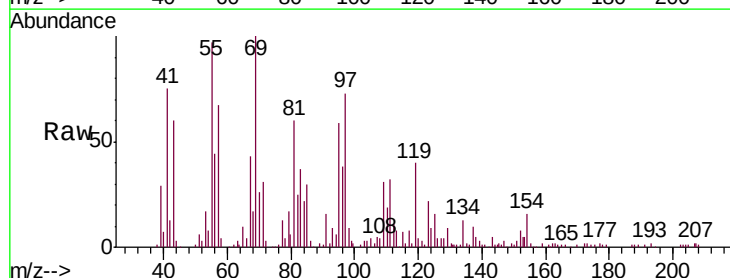
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(0-5)

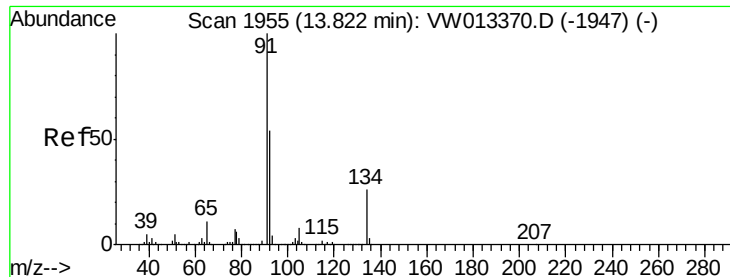
Tgt Ion:105 Resp: 27134
 Ion Ratio Lower Upper
 105 100
 134 27.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 5.774 ug/l
 RT: 13.65 min Scan# 1927
 Delta R.T. 0.15 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Tgt Ion:119 Resp: 11446
 Ion Ratio Lower Upper
 119 100
 134 31.5 13.3 39.8
 91 29.3 10.8 32.4

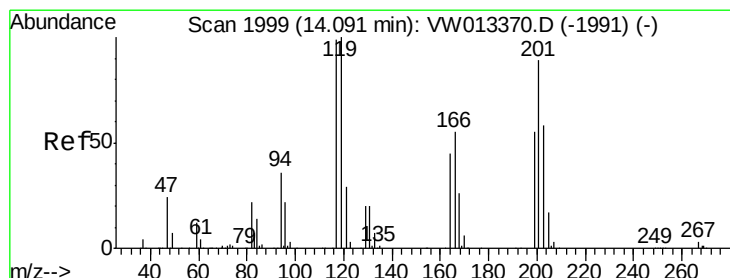
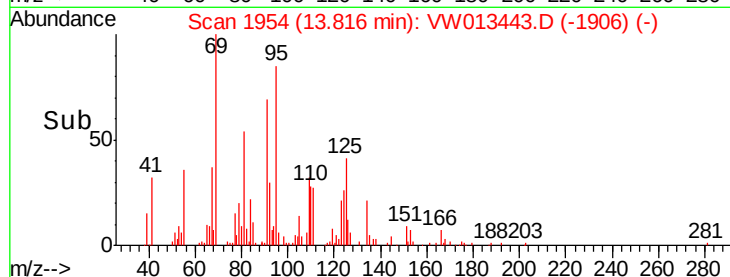
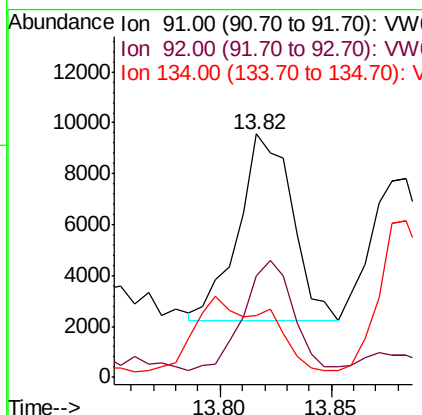
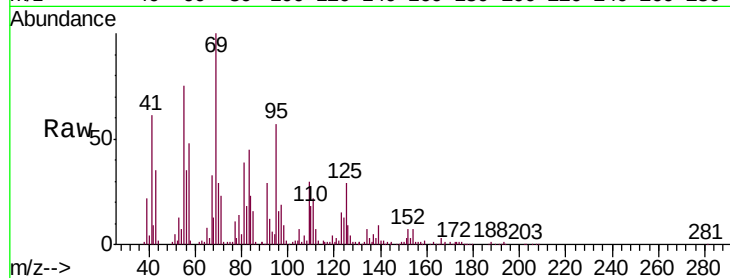




#89
n-Butylbenzene
Concen: 6.881 ug/l
RT: 13.82 min Scan# 1954
Delta R.T. -0.01 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

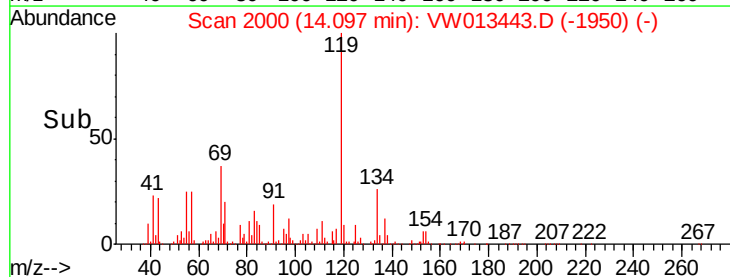
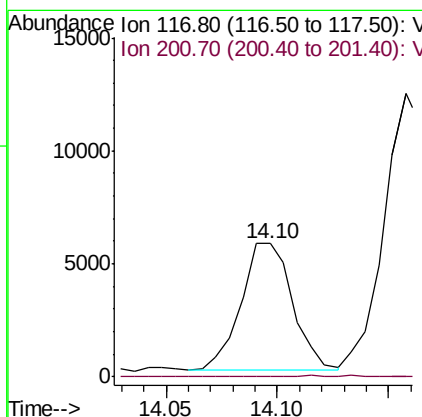
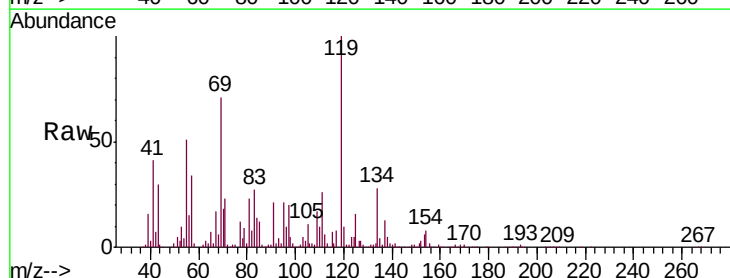
Instrument :
MSVOA_W
ClientSampled :
S-4(0-5)

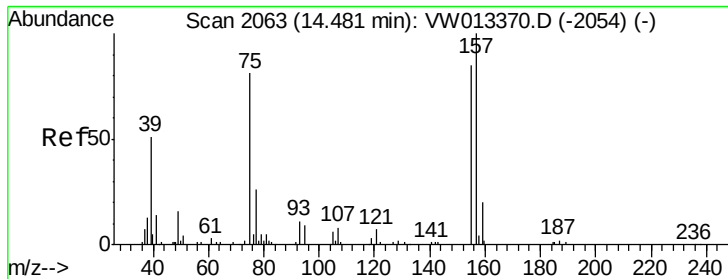
Tgt Ion: 91 Resp: 12298
Ion Ratio Lower Upper
91 100
92 53.7 27.6 82.8
134 0.0 13.7 41.1#



#90
Hexachloroethane
Concen: 27.471 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion: 117 Resp: 8997
Ion Ratio Lower Upper
117 100
201 0.2 44.5 133.5#

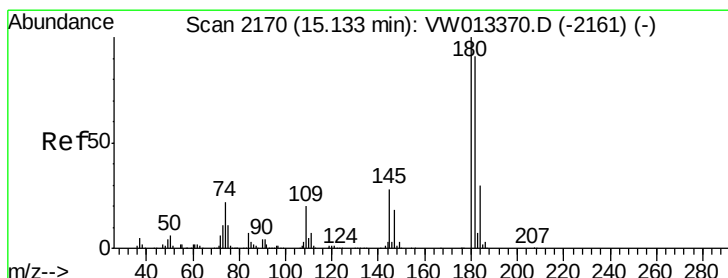
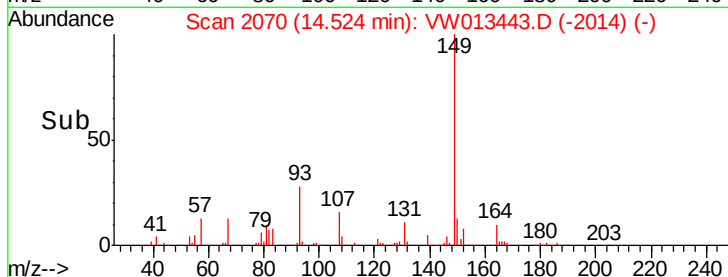
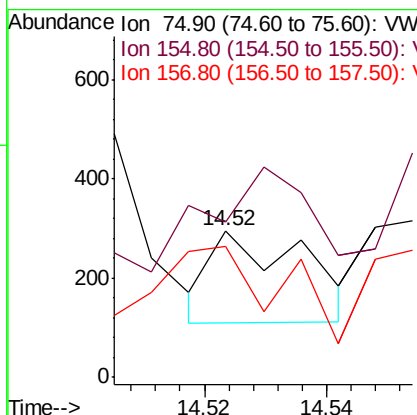
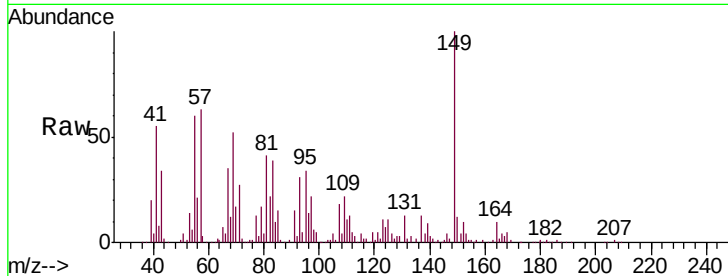




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.565 ug/l
 RT: 14.52 min Scan# 2070
 Delta R.T. 0.04 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

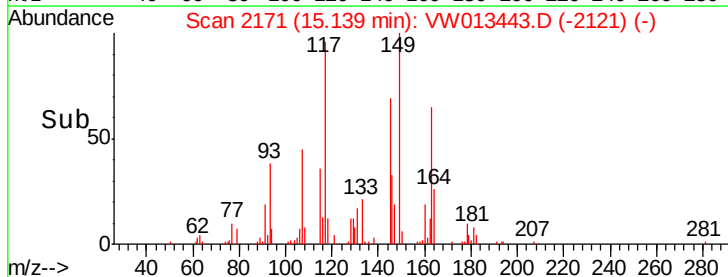
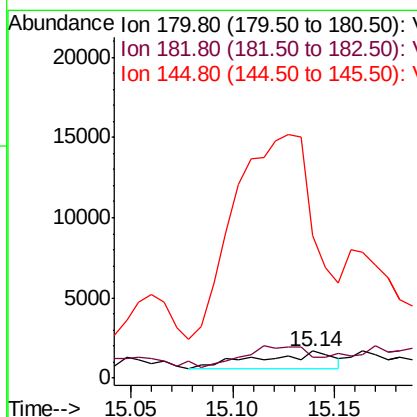
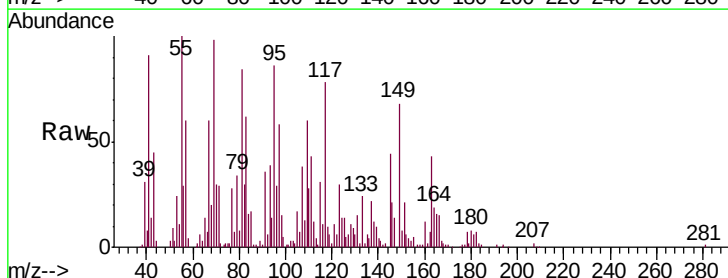
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(0-5)

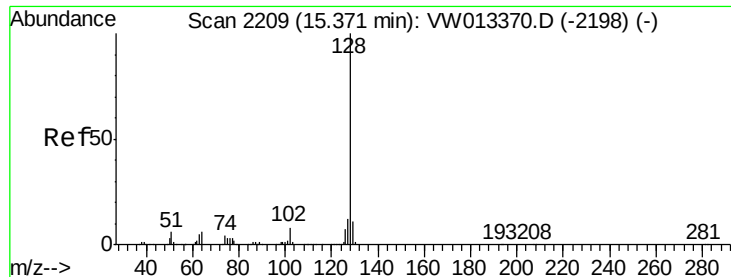
Tgt Ion: 75 Resp: 193
 Ion Ratio Lower Upper
 75 100
 155 121.2 46.1 138.3
 157 180.8 60.4 181.2



#93
 1,2,4-Trichlorobenzene
 Concen: 4.373 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Tgt Ion: 180 Resp: 2680
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 0.0 14.2 42.8#

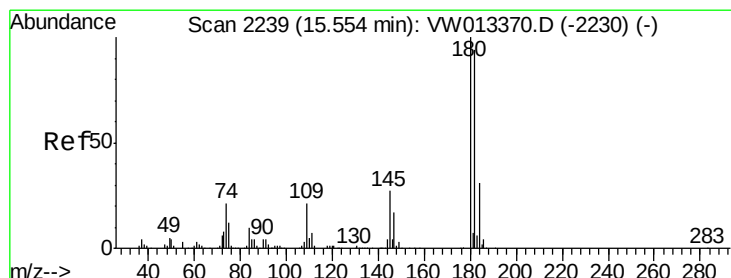
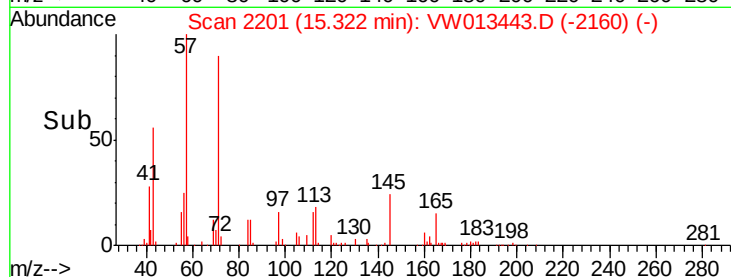
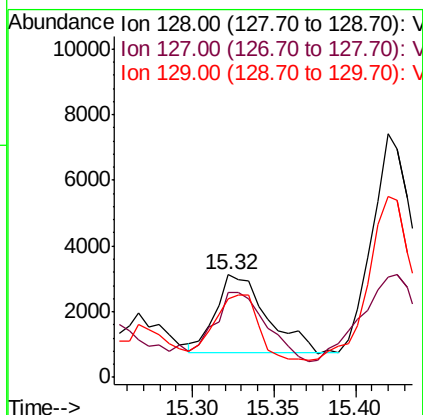
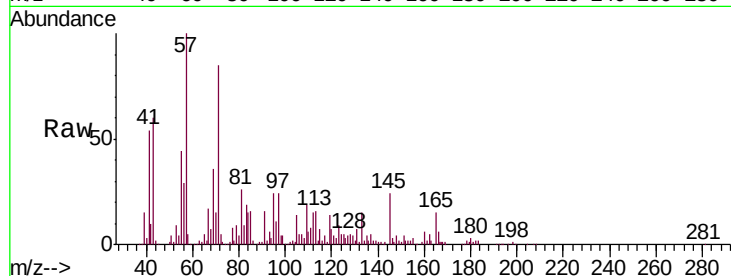




#95
Naphthalene
Concen: 4.925 ug/l
RT: 15.32 min Scan# 2201
Delta R.T. -0.05 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Instrument :
MSVOA_W
ClientSampled :
S-4(0-5)

Tgt Ion:128 Resp: 5091
Ion Ratio Lower Upper
128 100
127 92.9 10.6 15.8#
129 72.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 5.372 ug/l
RT: 15.57 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion:180 Resp: 2874
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.7#
145 0.0 15.0 45.0#

