

Data File : VW012686.D
Acq On : 06 Sep 2019 12:58
Operator : SY/VA
Sample : VW0906SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Quant Time: Sep 07 04:37:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	150687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136455	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.88	113	106936	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.32	98	414471	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.62	95	148965	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	37029	25.942	ug/l	95
3) Chloromethane	2.20	50	43595	19.714	ug/l	96
4) Vinyl Chloride	2.36	62	48152	17.790	ug/l	93
5) Bromomethane	2.77	94	26412	19.268	ug/l	92
6) Chloroethane	2.90	64	27112	17.756	ug/l	99
7) Trichlorofluoromethane	3.24	101	34301	25.238	ug/l	92
8) Diethyl Ether	3.67	74	28839	22.355	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53182	23.021	ug/l	97
10) Methyl Iodide	4.26	142	65478	20.948	ug/l	98
11) Tert butyl alcohol	5.20	59	17680	106.611	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	49813	21.423	ug/l	96
13) Acrolein	3.89	56	9600	61.497	ug/l	100
14) Allyl chloride	4.66	41	102908	20.702	ug/l	98
15) Acrylonitrile	5.37	53	68637	107.342	ug/l	98
16) Acetone	4.14	43	67525	95.860	ug/l	95
17) Carbon Disulfide	4.37	76	109732	15.615	ug/l	99
18) Methyl Acetate	4.67	43	35136	20.139	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	90109	23.964	ug/l	97
20) Methylene Chloride	4.91	84	62055	23.303	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	52567	21.082	ug/l	96
22) Diisopropyl ether	6.31	45	200207	21.728	ug/l	99
23) Vinyl Acetate	6.25	43	602826	106.309	ug/l	99
24) 1,1-Dichloroethane	6.21	63	111996	22.324	ug/l	99
25) 2-Butanone	7.17	43	96805	101.131	ug/l	97
26) 2,2-Dichloropropane	7.16	77	68558	24.143	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59431	22.309	ug/l	99
28) Bromochloromethane	7.51	49	38457	17.587	ug/l	91
29) Tetrahydrofuran	7.53	42	57866	100.761	ug/l	96
30) Chloroform	7.67	83	108393	23.615	ug/l	99
31) Cyclohexane	7.95	56	95700	19.280	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	84103	23.162	ug/l	99
36) 1,1-Dichloropropene	8.08	75	80415	21.946	ug/l	98
37) Ethyl Acetate	7.25	43	43652	21.740	ug/l	99
38) Carbon Tetrachloride	8.06	117	77782	24.526	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90520	21.990	ug/l	97
40) Benzene	8.32	78	222970	22.285	ug/l	100
41) Methacrylonitrile	7.48	41	26533	22.483	ug/l	94
42) 1,2-Dichloroethane	8.40	62	75914	24.209	ug/l	98
43) Isopropyl Acetate	8.43	43	81840	22.004	ug/l	99
44) Trichloroethene	9.09	130	55665	22.886	ug/l	99
45) 1,2-Dichloropropane	9.37	63	59237	21.999	ug/l	97
46) Dibromomethane	9.46	93	27492	22.947	ug/l	96
47) Bromodichloromethane	9.64	83	76894	24.116	ug/l	98
48) Methyl methacrylate	9.43	41	38271	21.620	ug/l	95
49) 1,4-Dioxane	9.47	88	7700	419.825	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	208825	110.389	ug/l	99
52) Toluene	10.38	92	134736	22.416	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	74641	22.981	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	87163	22.226	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39363	23.222	ug/l	98
56) Ethyl methacrylate	10.65	69	54433	22.064	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74840	23.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	133140	105.153	ug/l	100
59) 2-Hexanone	10.97	43	145272	108.532	ug/l	99
60) Dibromochloromethane	11.13	129	43081	22.818	ug/l	99
61) 1,2-Dibromoethane	11.23	107	36401	23.050	ug/l	97
64) Tetrachloroethene	10.86	164	46803	23.398	ug/l	98
65) Chlorobenzene	11.66	112	140116	23.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51987	24.529	ug/l	99
67) Ethyl Benzene	11.73	91	271508	23.200	ug/l	97
68) m/p-Xylenes	11.84	106	195041	46.266	ug/l	100
69) o-Xylene	12.16	106	91844	23.540	ug/l	100
70) Styrene	12.18	104	161353	23.892	ug/l	100
71) Bromoform	12.35	173	25556	24.201	ug/l #	99
73) Isopropylbenzene	12.46	105	261711	23.178	ug/l	99
74) N-amyl acetate	12.27	43	72430	21.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45478	21.970	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	61567	41.951	ug/l #	100
77) Bromobenzene	12.74	156	57908	23.706	ug/l	93
78) n-propylbenzene	12.80	91	317771	23.053	ug/l	99
79) 2-Chlorotoluene	12.89	91	183736	23.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	225323	23.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14863	22.205	ug/l	97
82) 4-Chlorotoluene	12.99	91	172215	21.016	ug/l	99
83) tert-Butylbenzene	13.21	119	192646	24.104	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	225518	23.795	ug/l	99
85) sec-Butylbenzene	13.38	105	269776	23.561	ug/l	100
86) p-Isopropyltoluene	13.50	119	242861	23.750	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113714	23.800	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112222	23.655	ug/l	98
89) n-Butylbenzene	13.82	91	238965	23.500	ug/l	99
90) Hexachloroethane	14.09	117	42499	23.689	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	101362	24.183	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7682	22.013	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70829	24.453	ug/l	98
94) Hexachlorobutadiene	15.24	225	49925	26.103	ug/l	97
95) Naphthalene	15.36	128	114448	22.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62284	24.646	ug/l	100

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

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VW0906SBS02

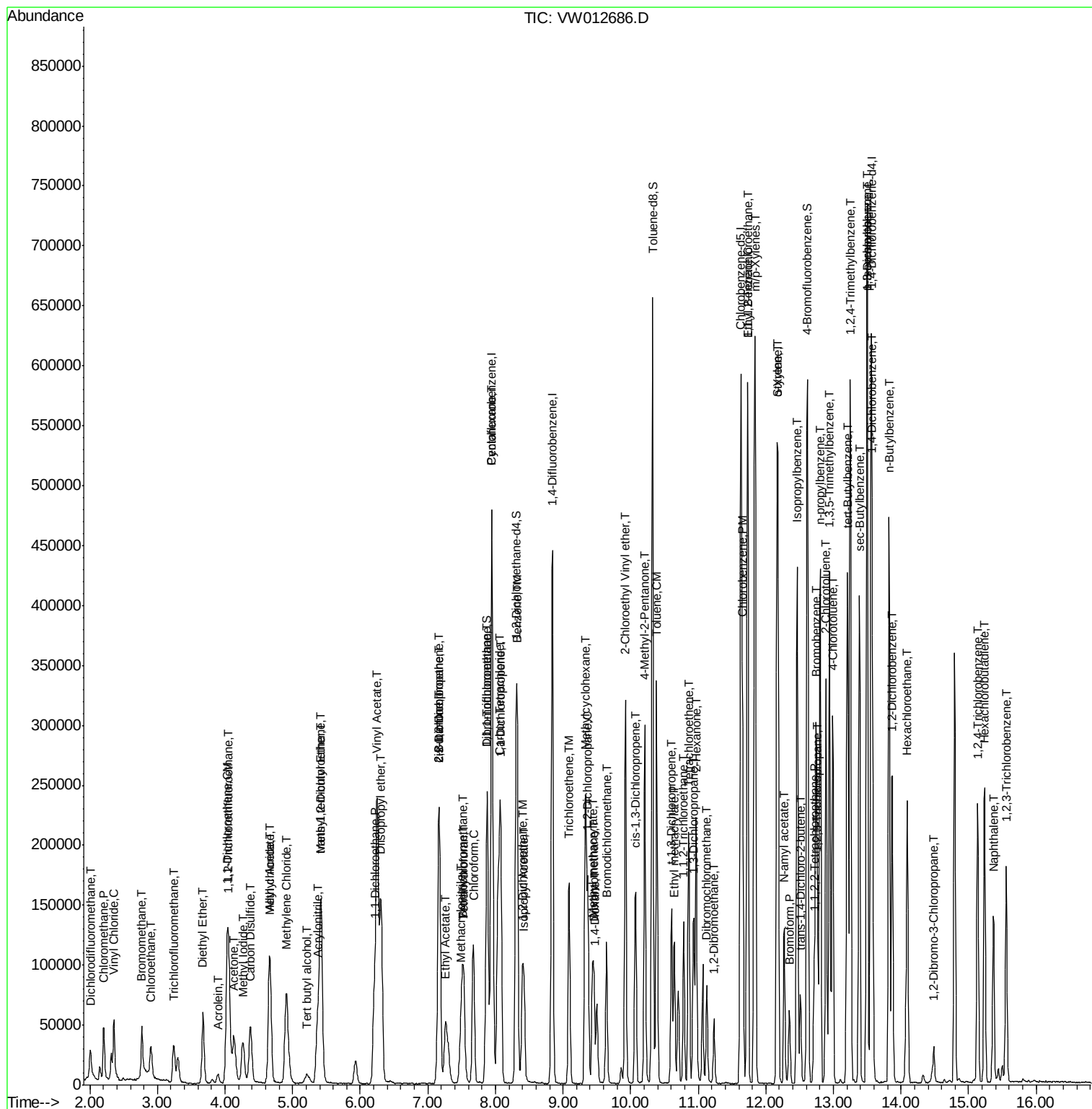
Quant Time: Sep 07 04:37:00 2019

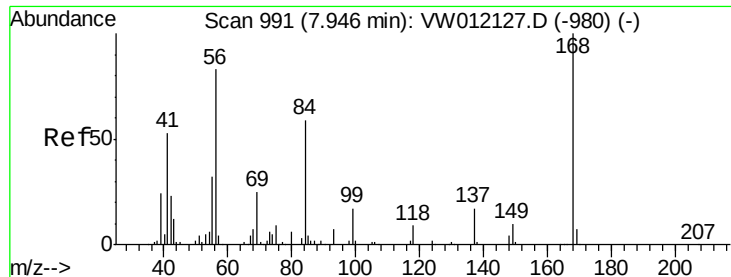
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W082319S.M

Quant Title : SW846 8260

QLast Update : Mon Aug 26 07:18:31 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: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

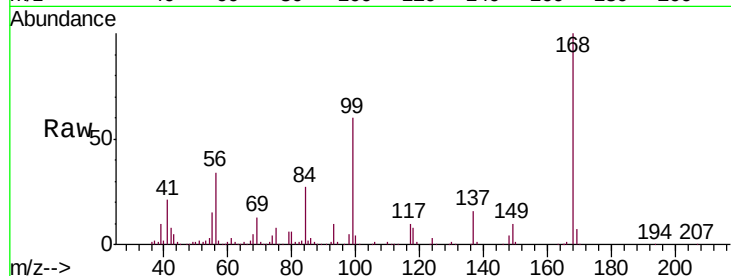
VW0906SBS02

Tgt Ion:168 Resp: 231814

Ion Ratio Lower Upper

168 100

99 60.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

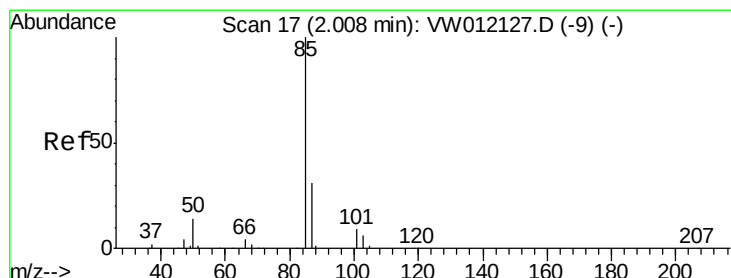
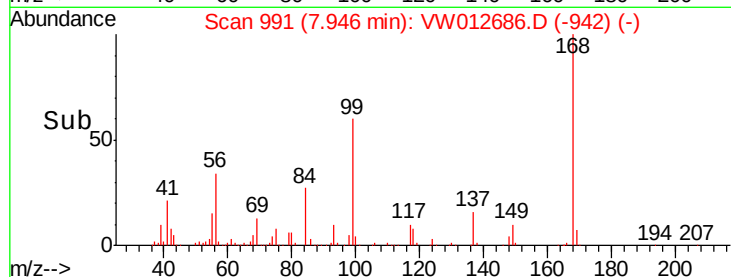
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 25.942 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012686.D

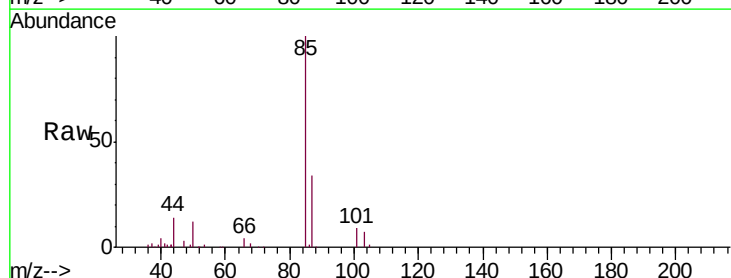
Acq: 06 Sep 2019 12:58

Tgt Ion: 85 Resp: 37029

Ion Ratio Lower Upper

85 100

87 33.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

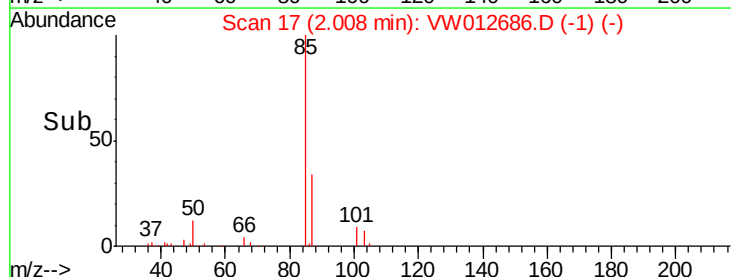
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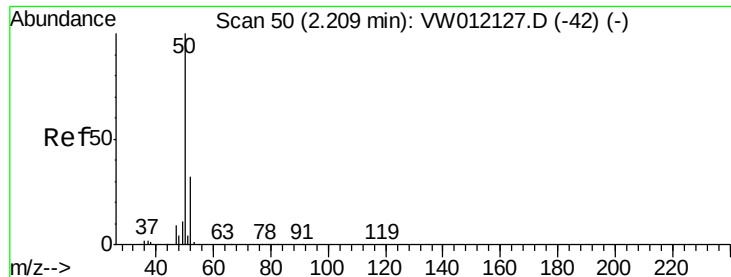
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 19.714 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

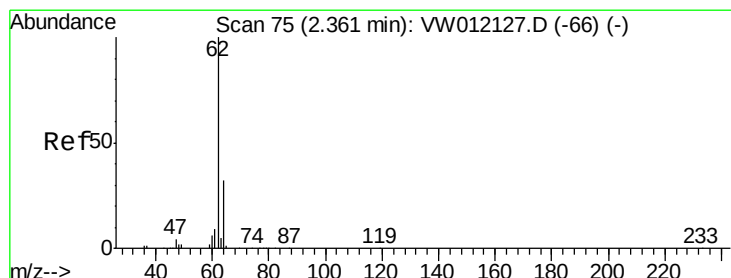
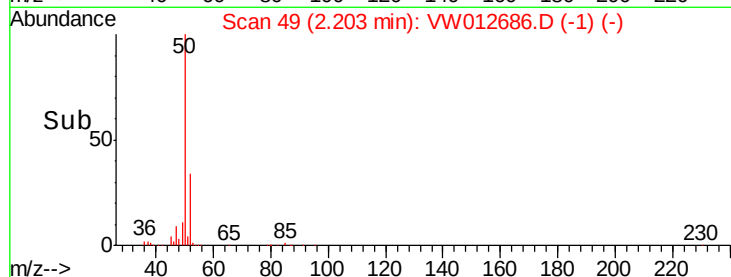
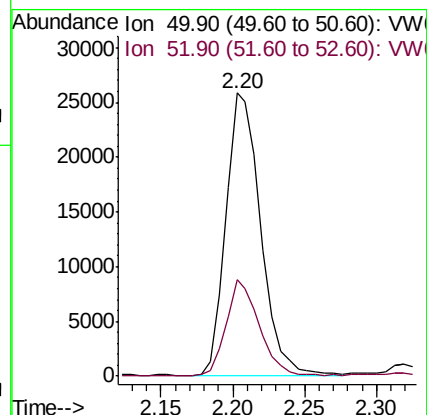
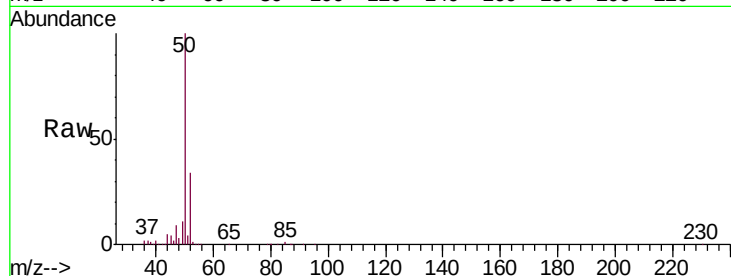
VW0906SBS02

Tgt Ion: 50 Resp: 43595

Ion Ratio Lower Upper

50 100

52 33.9 25.5 38.3



#4

Vinyl Chloride

Concen: 17.790 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012686.D

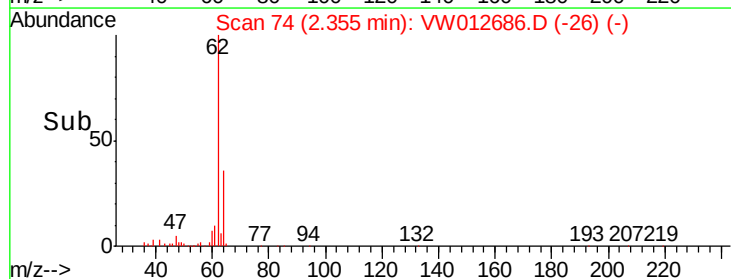
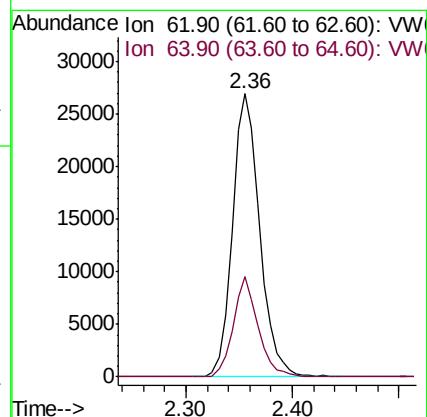
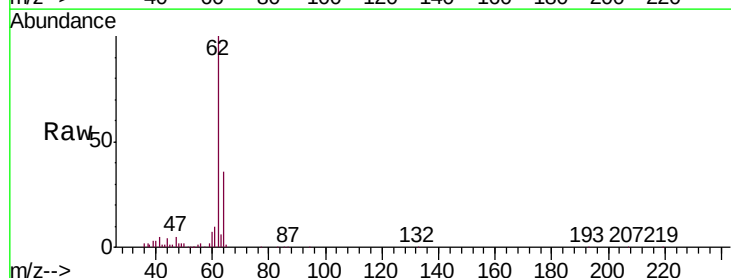
Acq: 06 Sep 2019 12:58

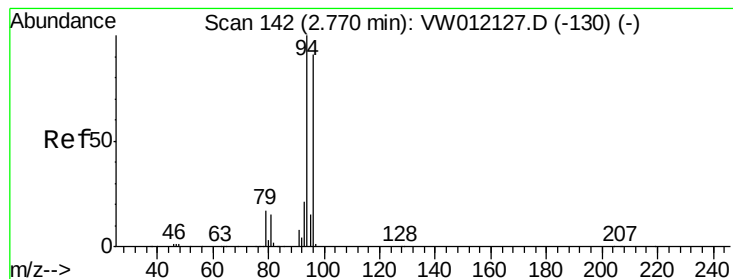
Tgt Ion: 62 Resp: 48152

Ion Ratio Lower Upper

62 100

64 35.5 25.3 37.9





#5

Bromomethane

Concen: 19.268 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

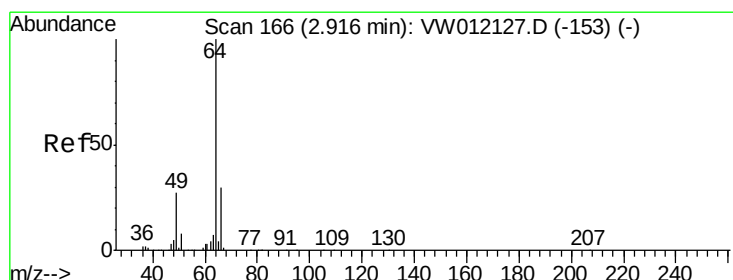
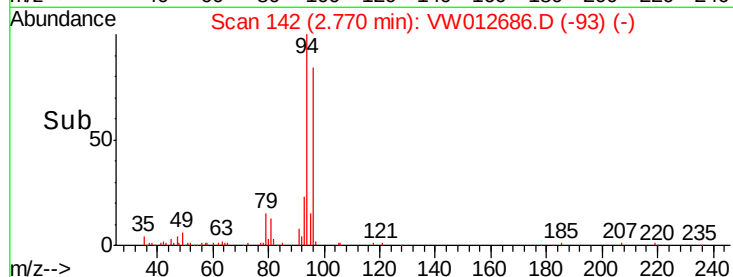
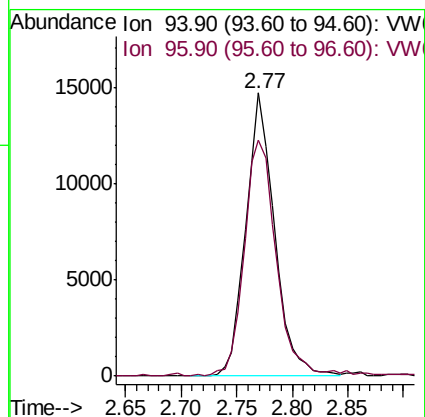
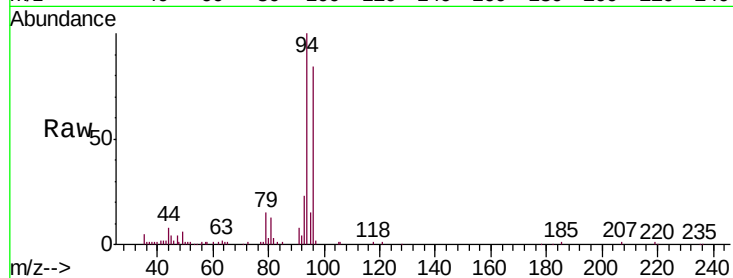
VW0906SBS02

Tgt Ion: 94 Resp: 26412

Ion Ratio Lower Upper

94 100

96 83.2 72.9 109.3



#6

Chloroethane

Concen: 17.756 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012686.D

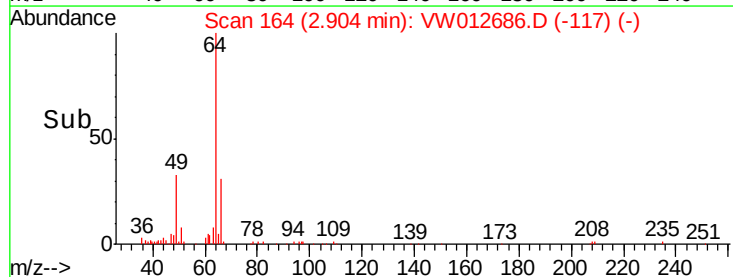
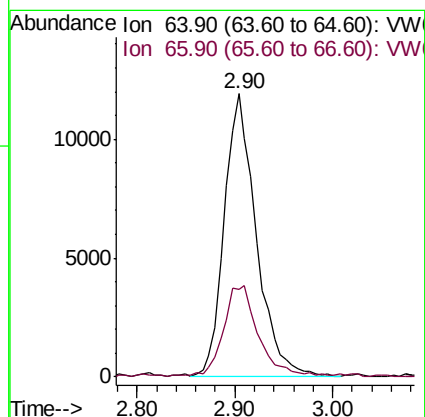
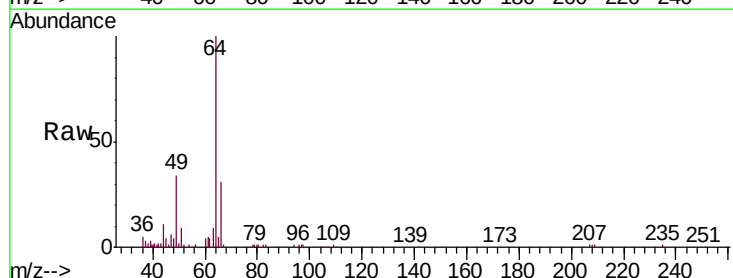
Acq: 06 Sep 2019 12:58

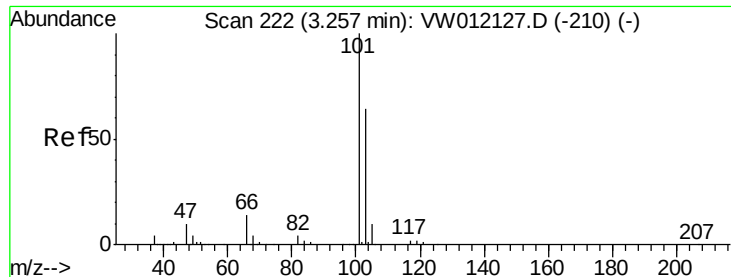
Tgt Ion: 64 Resp: 27112

Ion Ratio Lower Upper

64 100

66 30.5 23.8 35.8



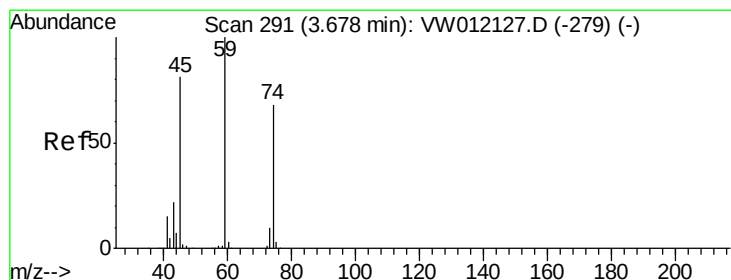
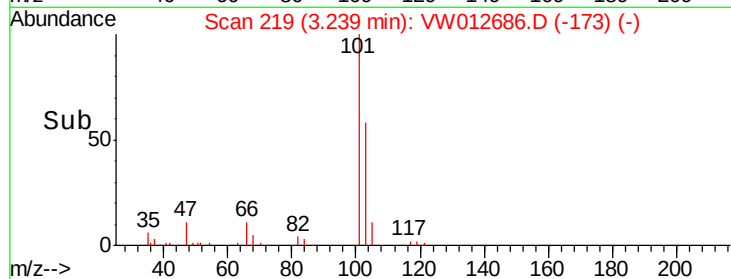
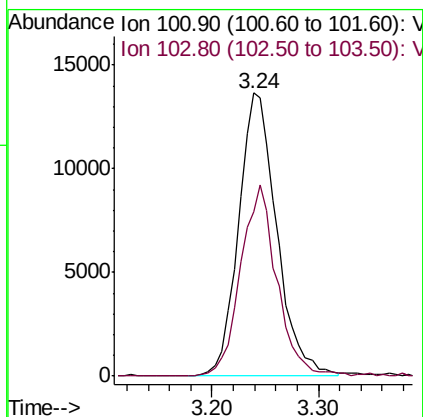
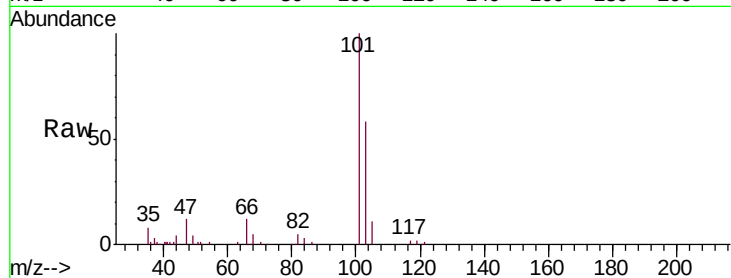


#7

Trichlorofluoromethane
 Concen: 25.238 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.02 min
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 VW0906SBS02

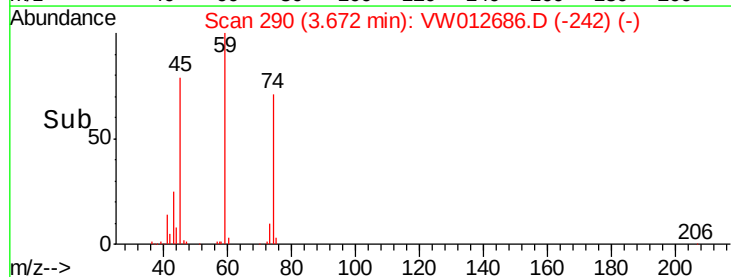
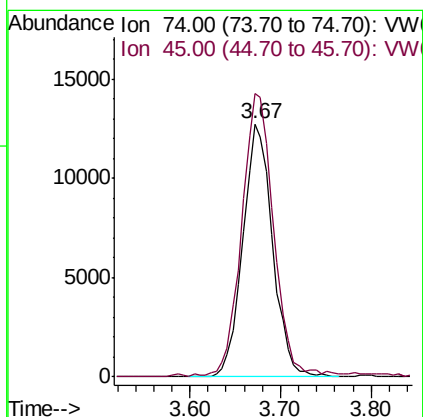
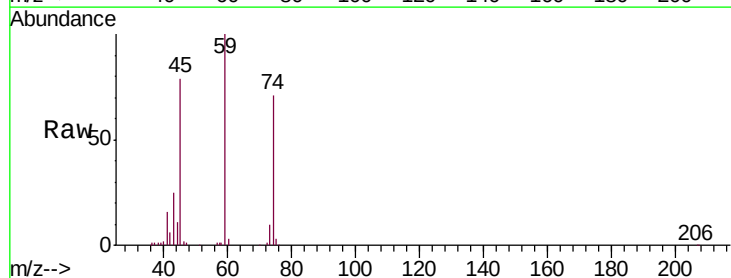
Tgt Ion:101 Resp: 34301
 Ion Ratio Lower Upper
 101 100
 103 57.9 51.2 76.8

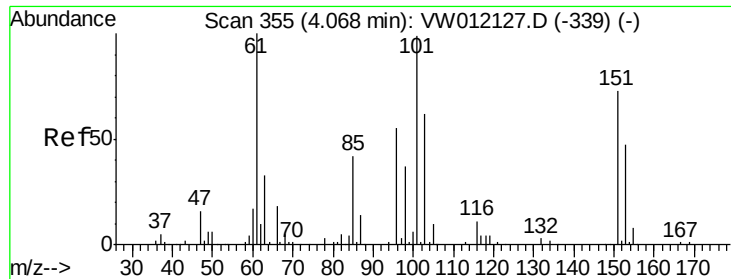


#8

Diethyl Ether
 Concen: 22.355 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 74 Resp: 28839
 Ion Ratio Lower Upper
 74 100
 45 121.3 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.021 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

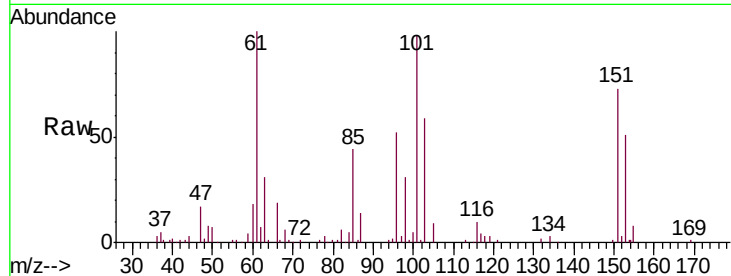
Tgt Ion:101 Resp: 53182

Ion Ratio Lower Upper

101 100

85 45.3 35.8 53.6

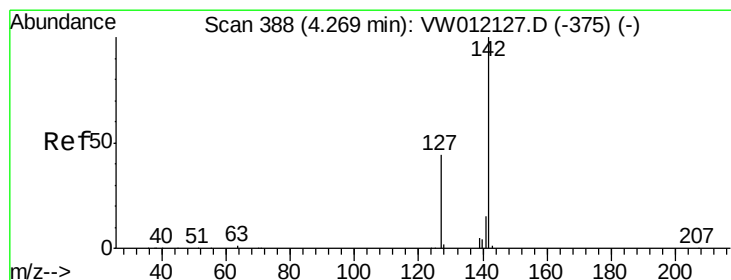
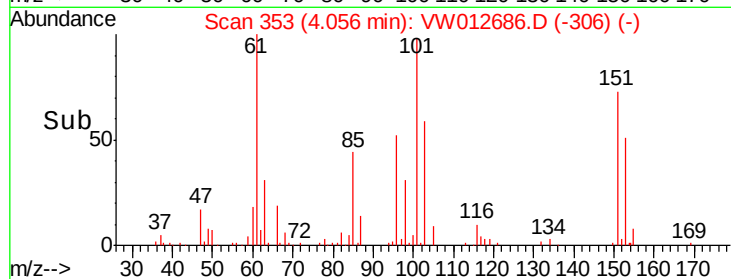
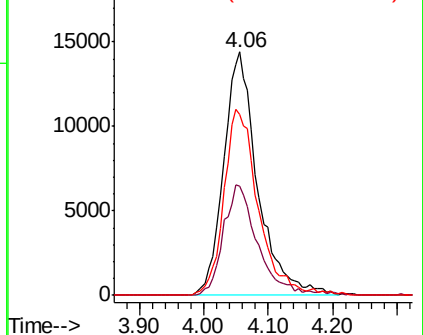
151 76.1 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.948 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

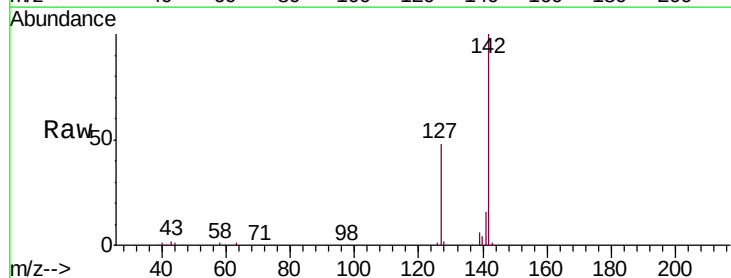
Tgt Ion:142 Resp: 65478

Ion Ratio Lower Upper

142 100

127 45.9 35.5 53.3

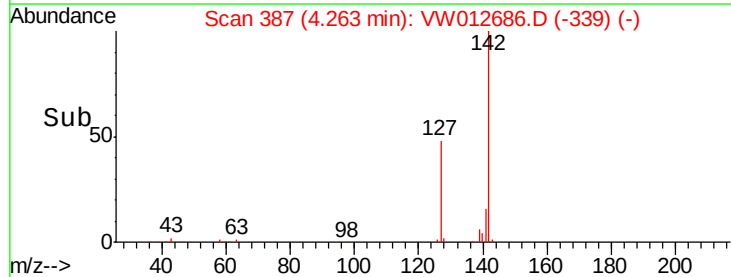
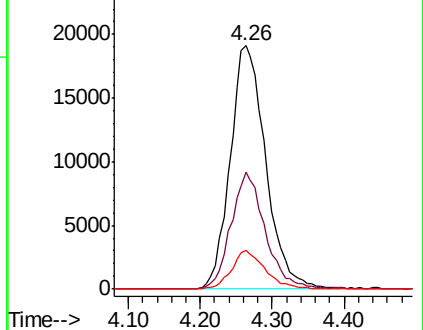
141 15.1 11.8 17.8

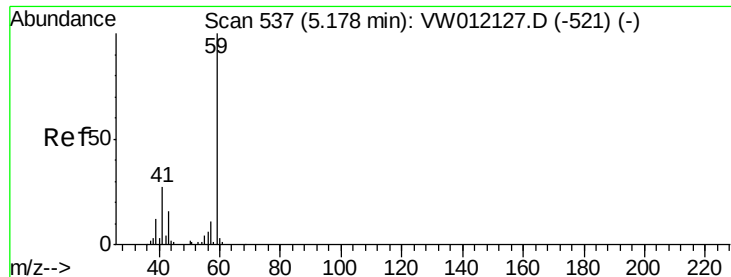


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



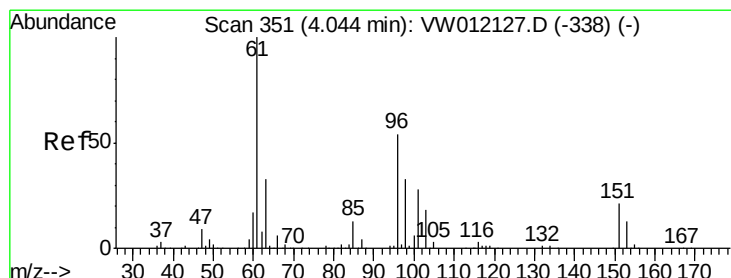
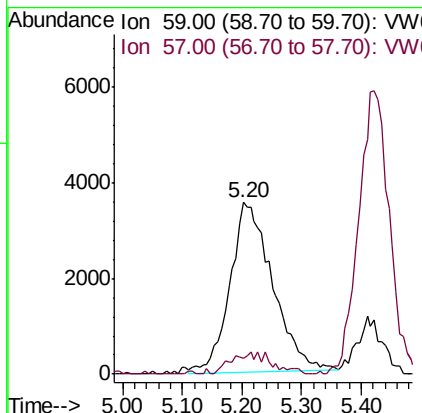
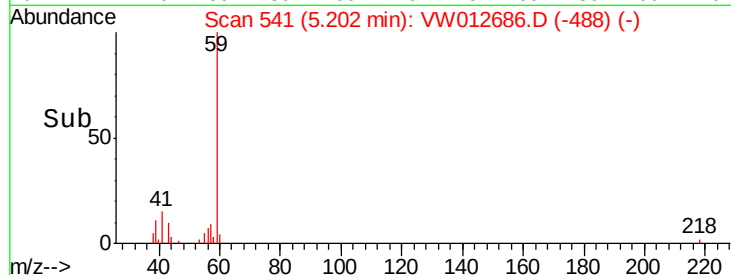
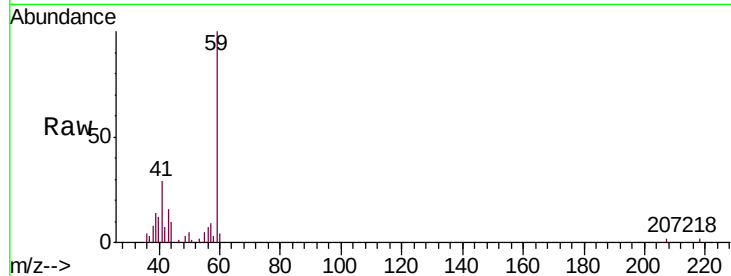


#11

Tert butyl alcohol
Concen: 106.611 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

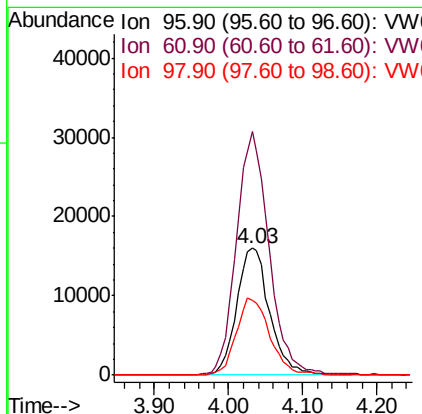
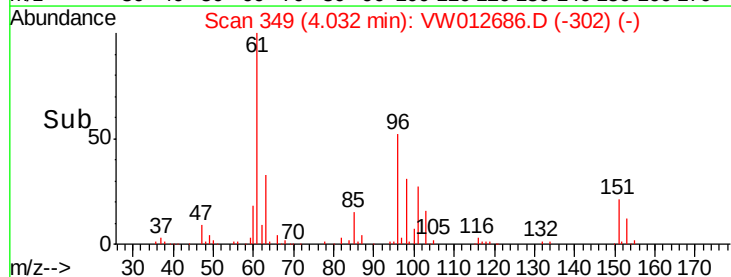
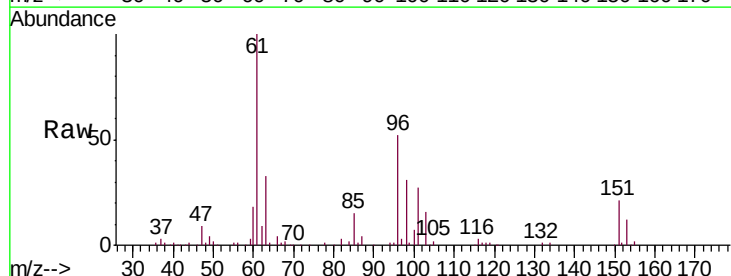
Tgt Ion: 59 Resp: 17680
Ion Ratio Lower Upper
59 100
57 6.7 9.0 13.4#

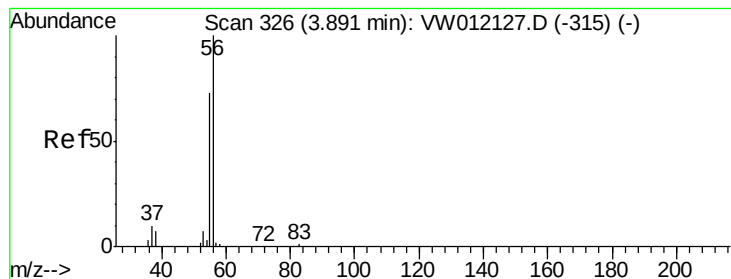


#12

1,1-Dichloroethene
Concen: 21.423 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 96 Resp: 49813
Ion Ratio Lower Upper
96 100
61 192.0 149.1 223.7
98 58.7 49.4 74.2





#13

Acrolein

Concen: 61.497 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

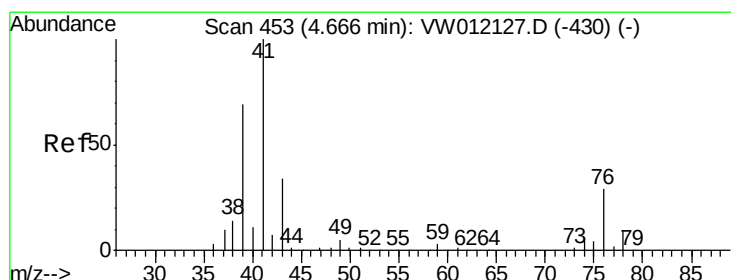
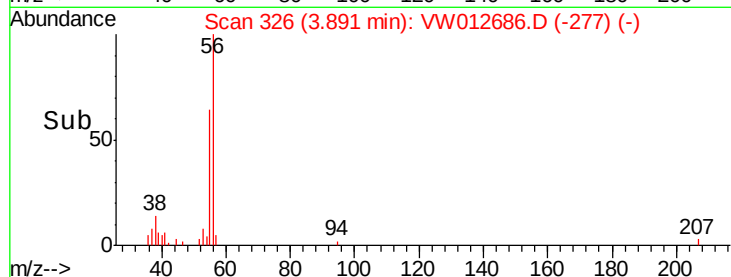
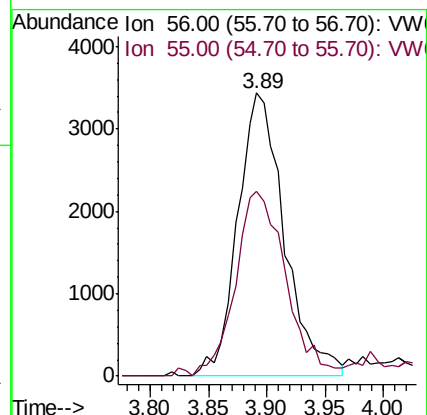
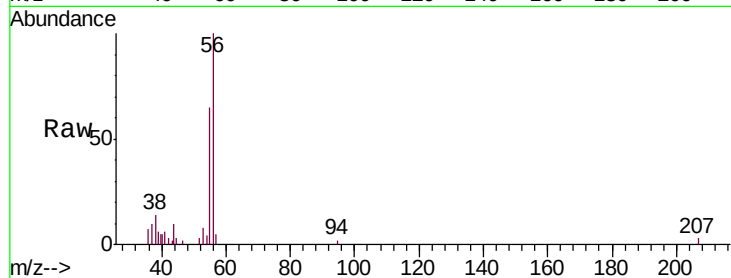
VW0906SBS02

Tgt Ion: 56 Resp: 9600

Ion Ratio Lower Upper

56 100

55 70.1 55.8 83.8



#14

Allyl chloride

Concen: 20.702 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

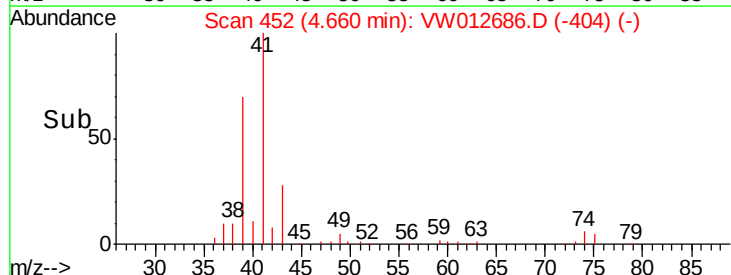
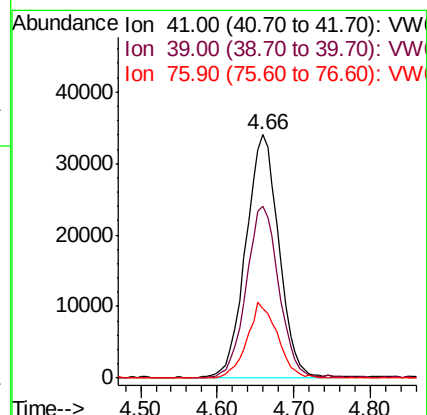
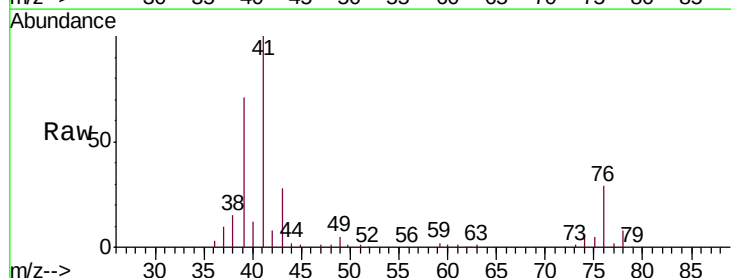
Tgt Ion: 41 Resp: 102908

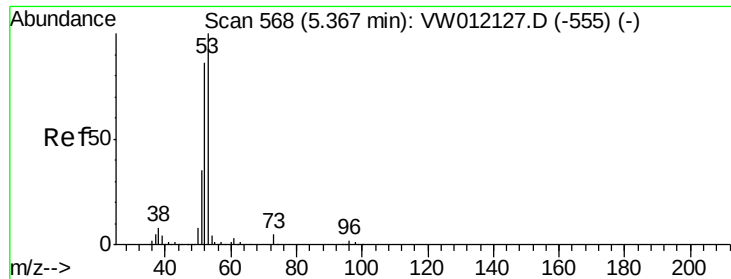
Ion Ratio Lower Upper

41 100

39 68.9 53.4 80.2

76 28.6 22.1 33.1





#15

Acrylonitrile

Concen: 107.342 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS02

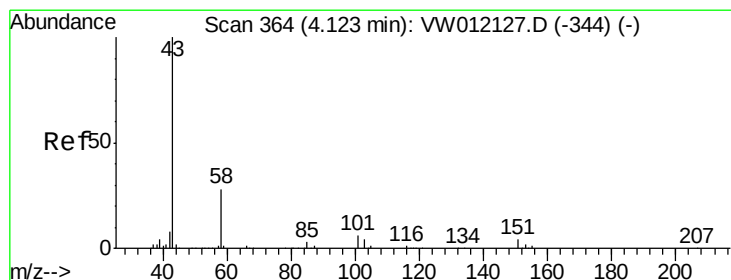
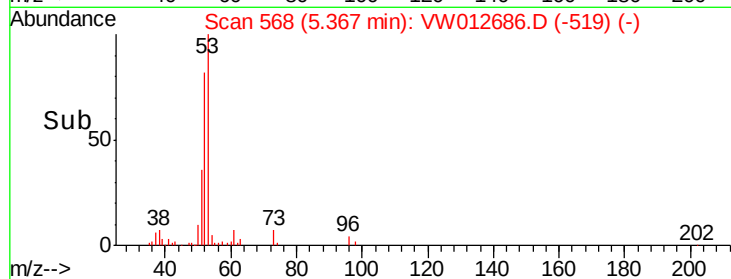
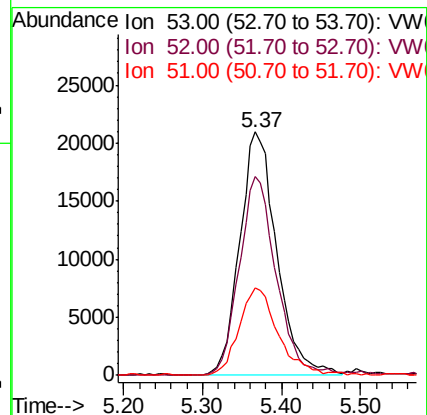
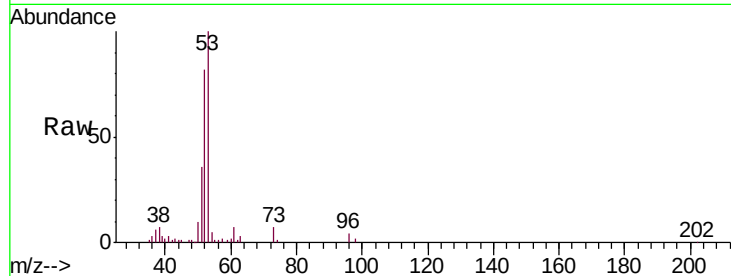
Tgt Ion: 53 Resp: 68637

Ion Ratio Lower Upper

53 100

52 81.2 66.7 100.1

51 37.4 30.1 45.1



#16

Acetone

Concen: 95.860 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012686.D

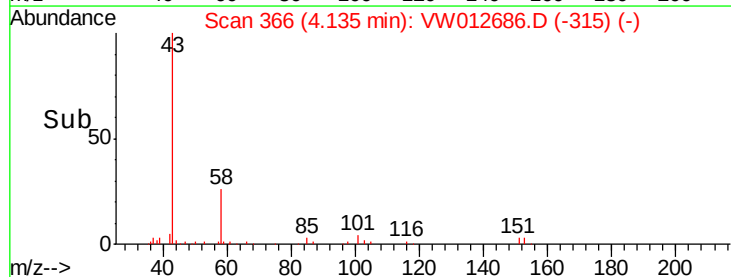
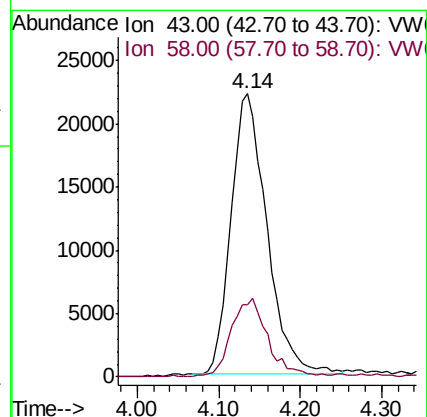
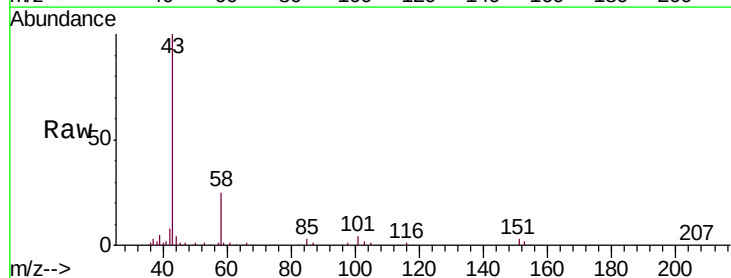
Acq: 06 Sep 2019 12:58

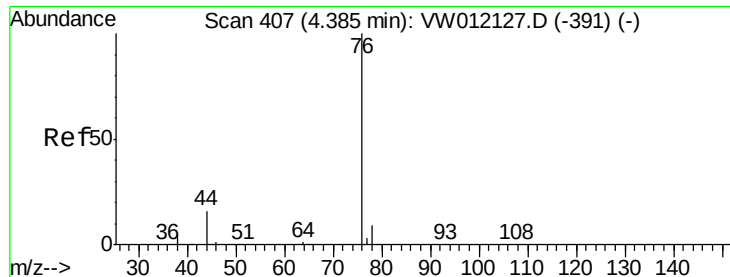
Tgt Ion: 43 Resp: 67525

Ion Ratio Lower Upper

43 100

58 25.2 22.4 33.6

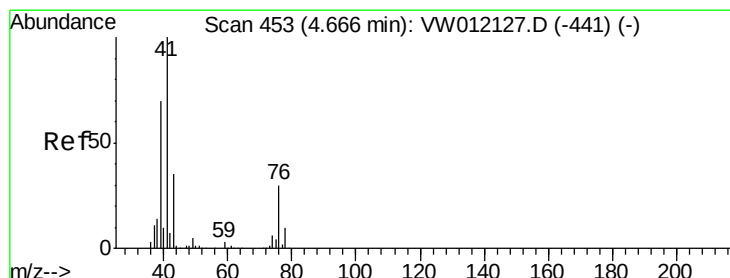
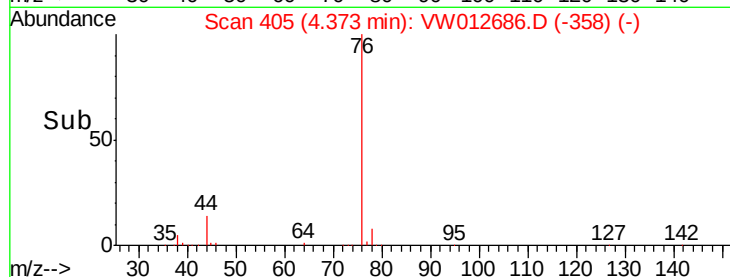
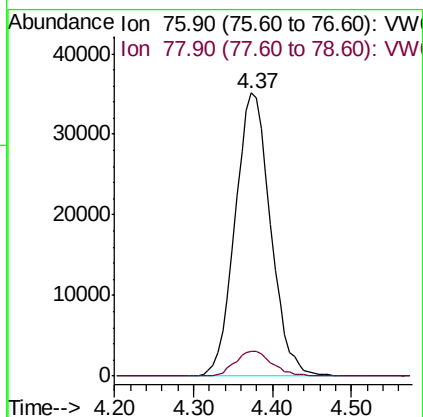
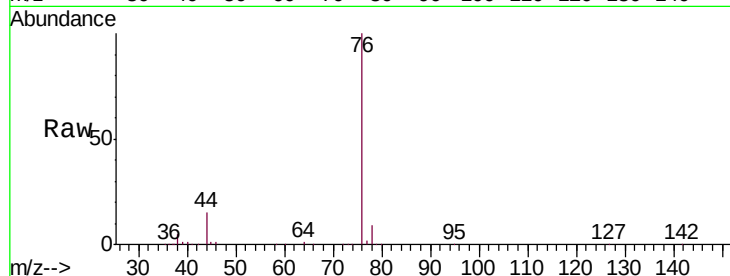




#17
Carbon Disulfide
Concen: 15.615 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

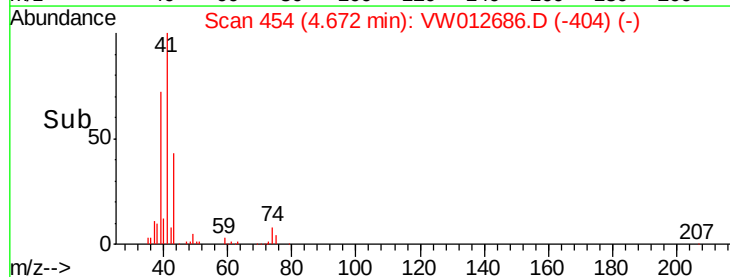
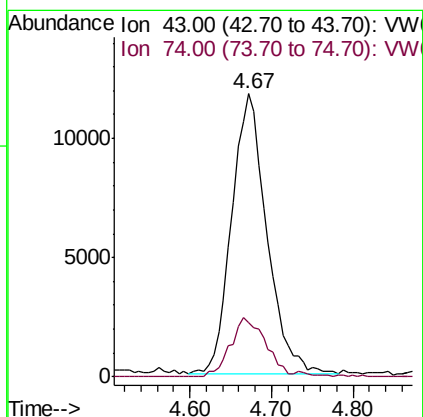
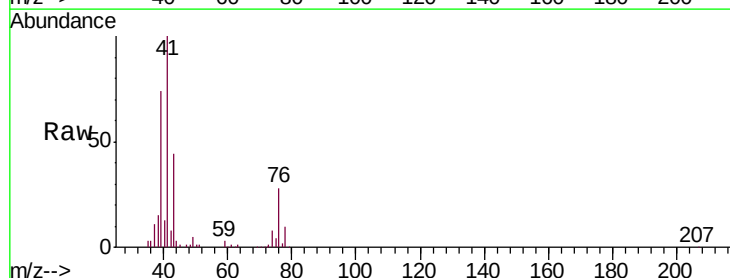
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

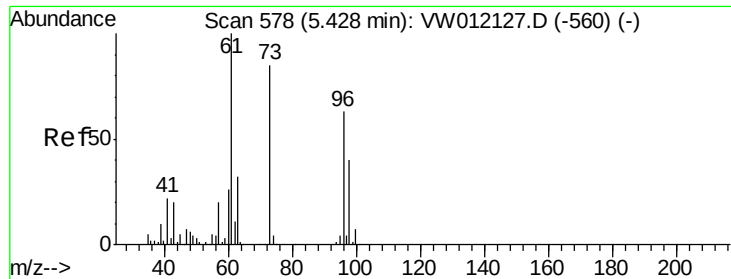
Tgt Ion: 76 Resp: 109732
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 20.139 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 43 Resp: 35136
Ion Ratio Lower Upper
43 100
74 21.0 15.7 23.5

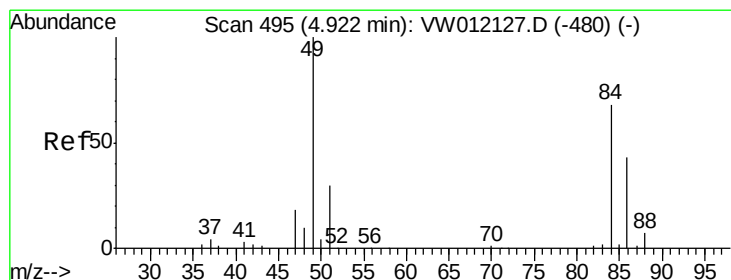
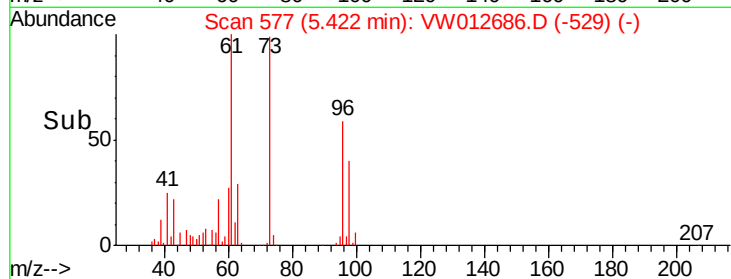
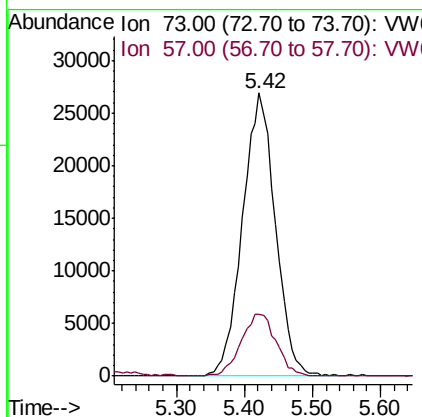
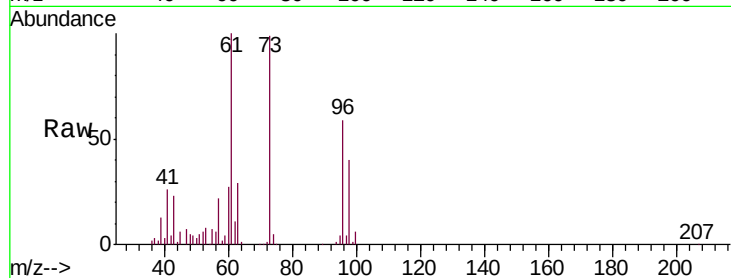




#19
Methyl tert-butyl Ether
Concen: 23.964 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

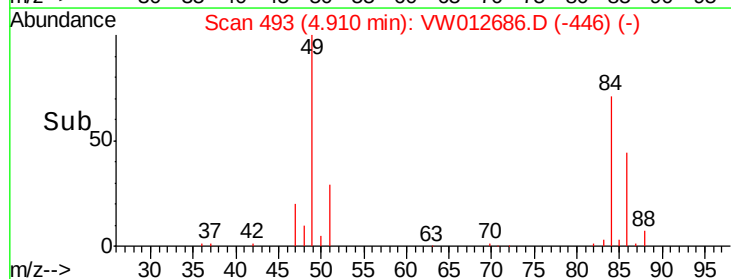
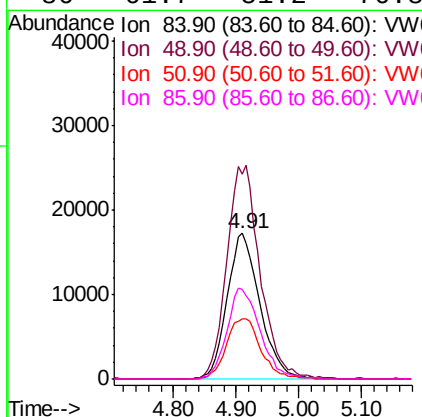
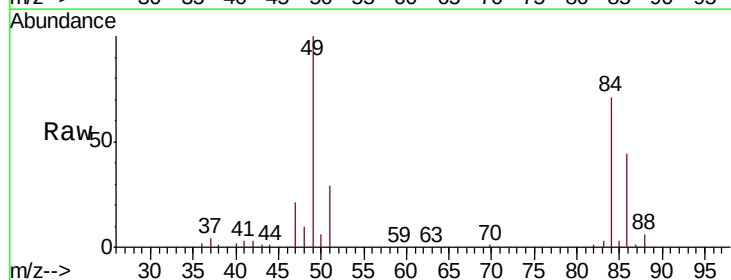
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

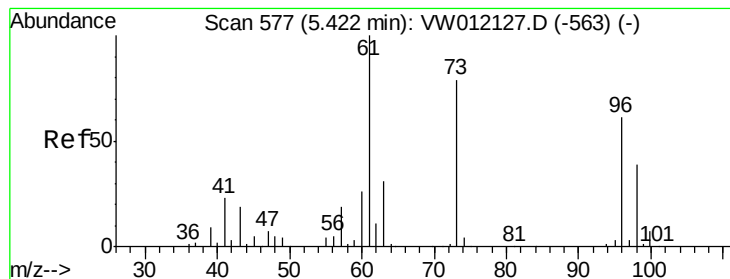
Tgt Ion: 73 Resp: 90109
Ion Ratio Lower Upper
73 100
57 22.0 18.9 28.3



#20
Methylene Chloride
Concen: 23.303 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 84 Resp: 62055
Ion Ratio Lower Upper
84 100
49 141.2 117.8 176.8
51 41.4 35.6 53.4
86 61.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.082 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

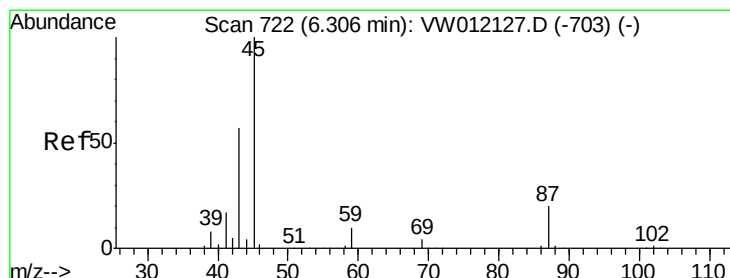
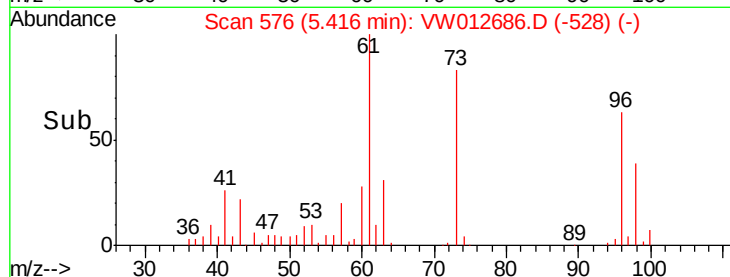
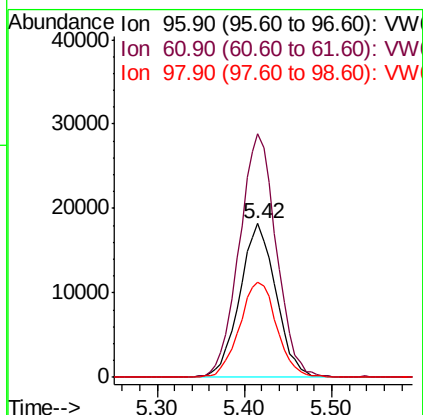
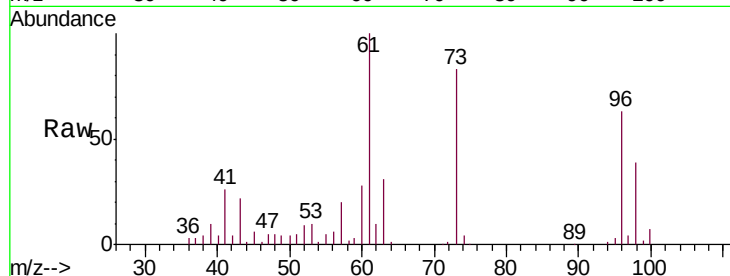
Tgt Ion: 96 Resp: 52567

Ion Ratio Lower Upper

96 100

61 158.5 131.4 197.0

98 62.2 51.4 77.0



#22

Diisopropyl ether

Concen: 21.728 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Tgt Ion: 45 Resp: 200207

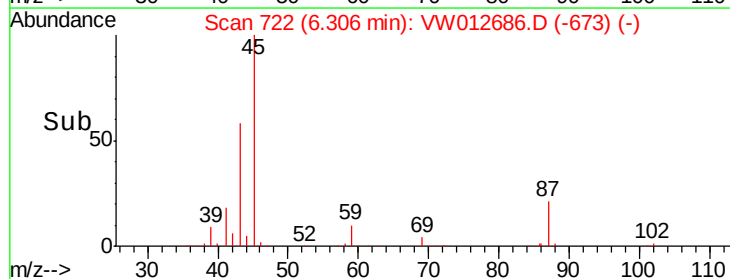
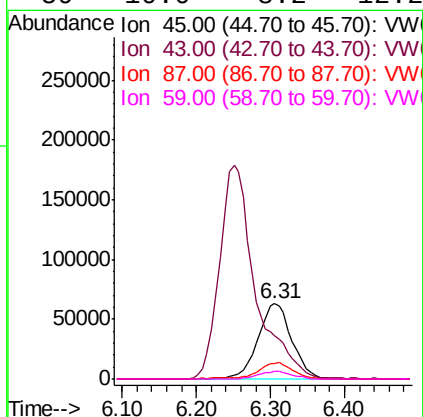
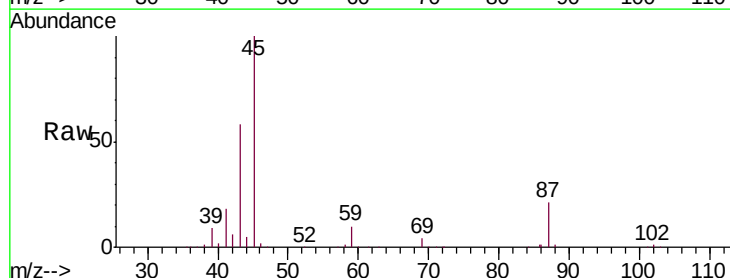
Ion Ratio Lower Upper

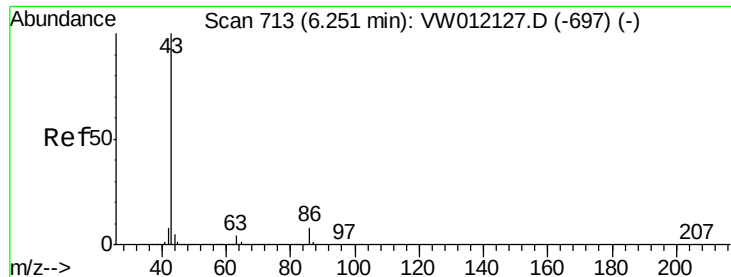
45 100

43 57.4 45.5 68.3

87 21.2 16.1 24.1

59 10.0 8.2 12.2





#23

Vinyl Acetate

Concen: 106.309 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

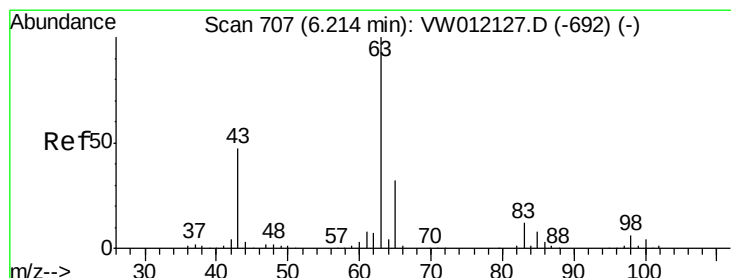
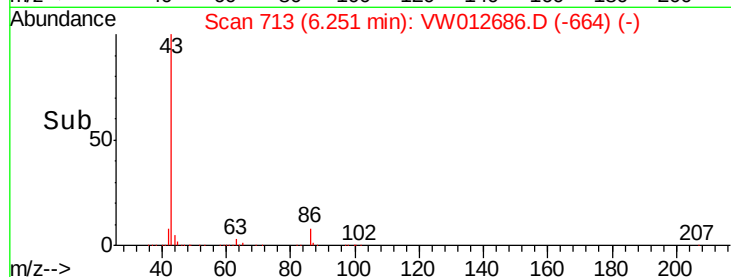
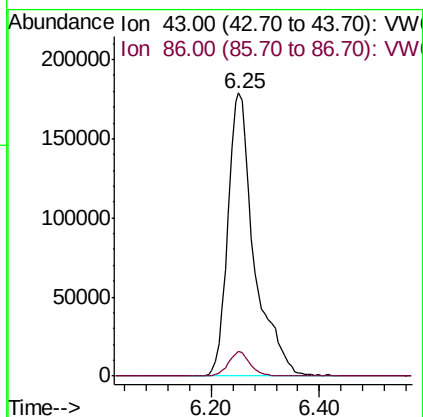
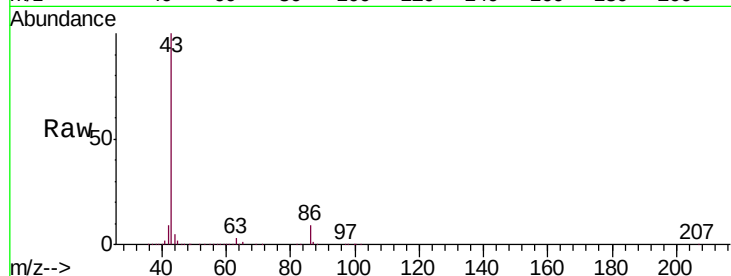
VW0906SBS02

Tgt Ion: 43 Resp: 602826

Ion Ratio Lower Upper

43 100

86 8.6 6.5 9.7



#24

1,1-Dichloroethane

Concen: 22.324 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

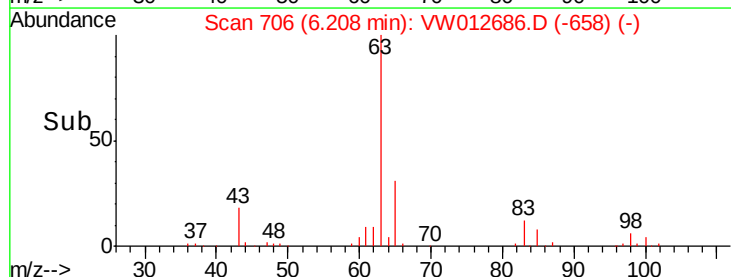
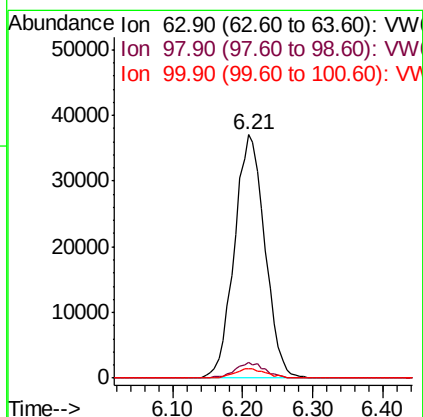
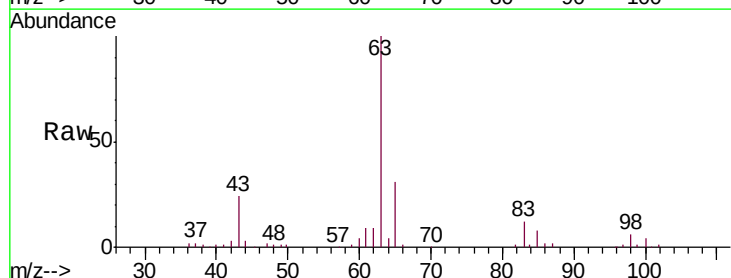
Tgt Ion: 63 Resp: 111996

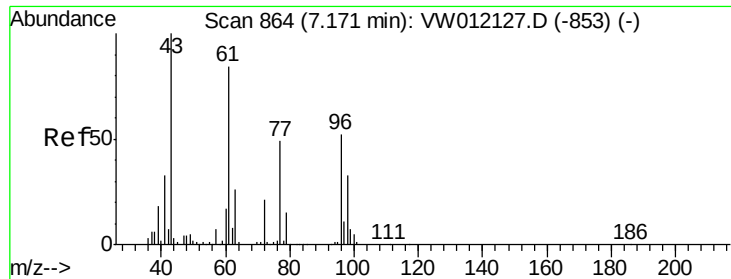
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 101.131 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

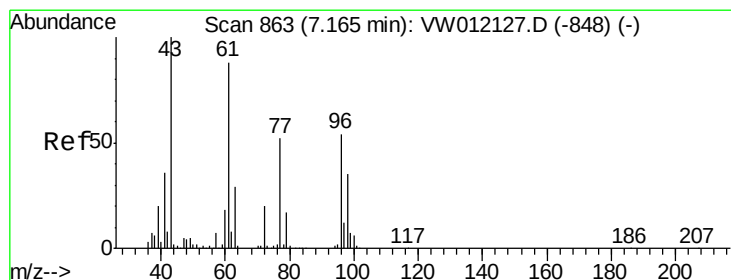
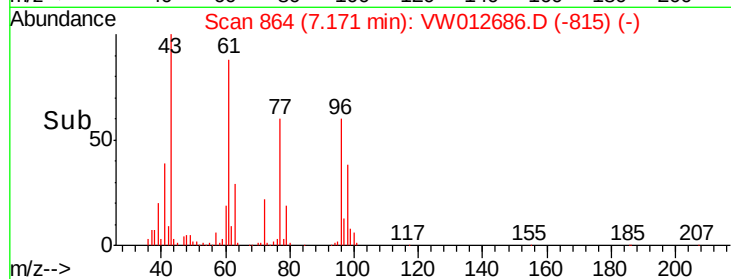
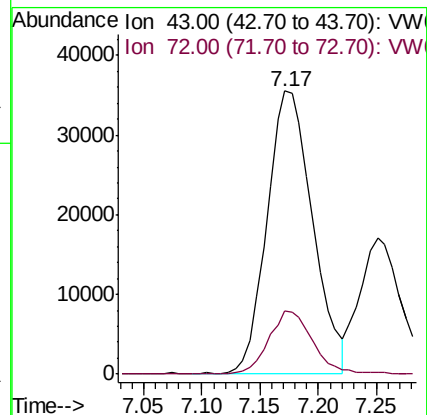
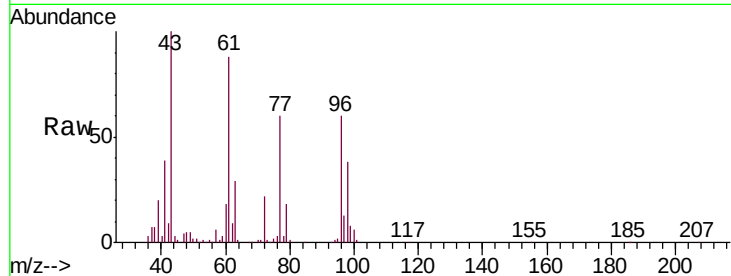
VW0906SBS02

Tgt Ion: 43 Resp: 96805

Ion Ratio Lower Upper

43 100

72 22.2 16.6 24.8



#26

2,2-Dichloropropane

Concen: 24.143 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012686.D

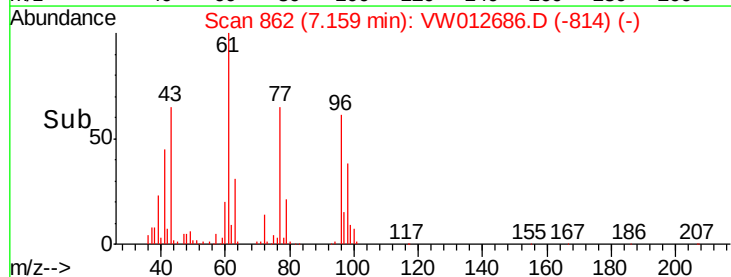
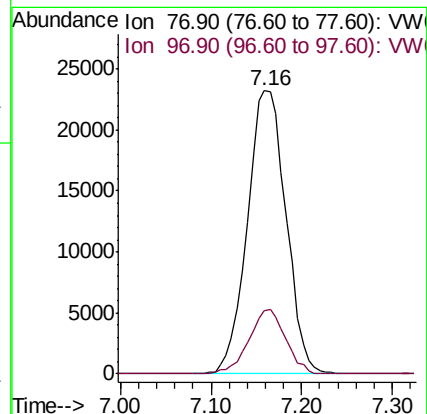
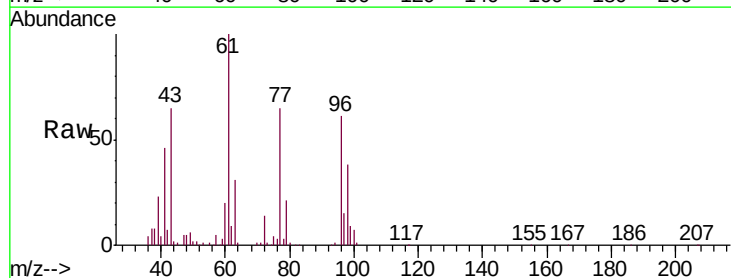
Acq: 06 Sep 2019 12:58

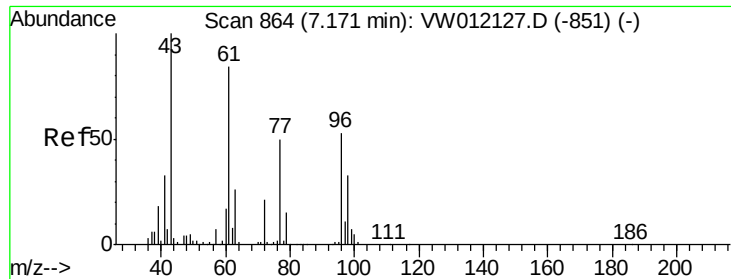
Tgt Ion: 77 Resp: 68558

Ion Ratio Lower Upper

77 100

97 21.6 11.1 33.1



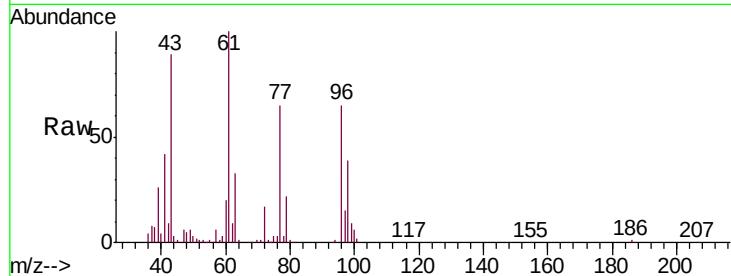


#27

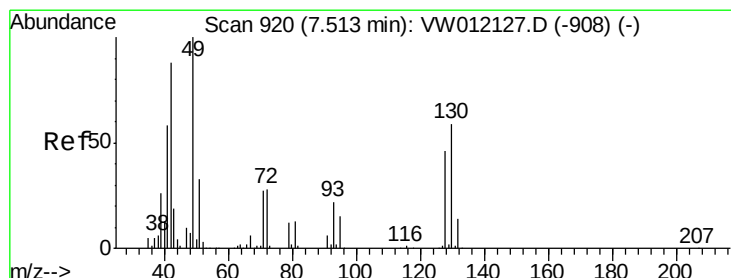
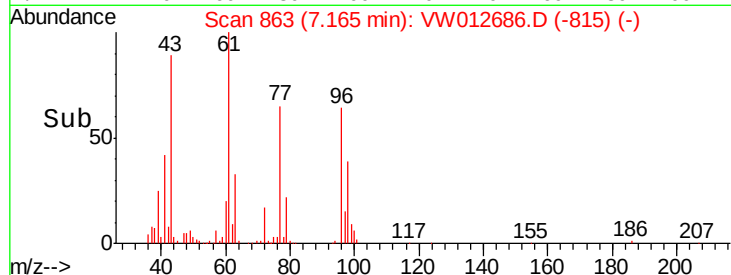
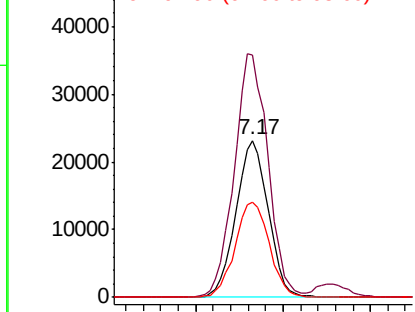
cis-1,2-Dichloroethene
 Concen: 22.309 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion: 96 Resp: 59431
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 326.6
 98 64.2 0.0 127.4



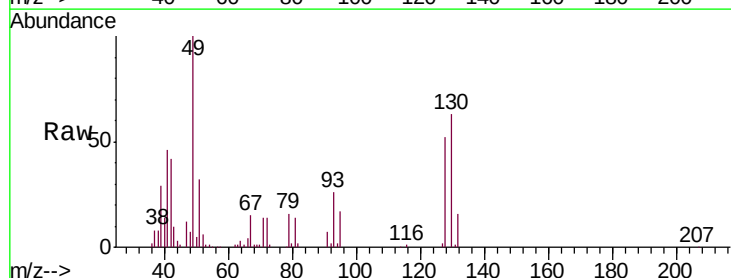
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



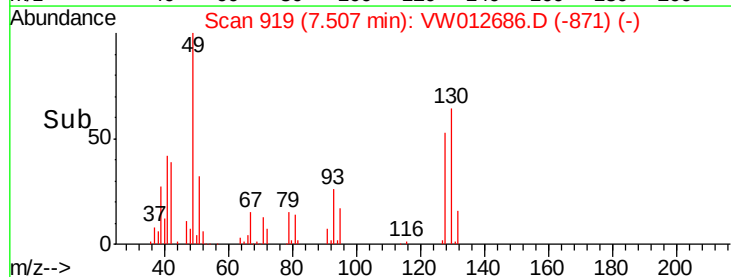
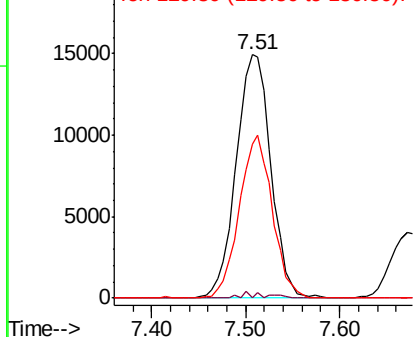
#28

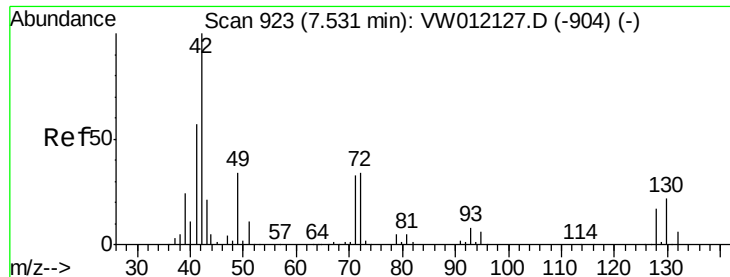
Bromochloromethane
 Concen: 17.587 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 49 Resp: 38457
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 1.4
 130 63.6 45.5 68.3



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.761 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

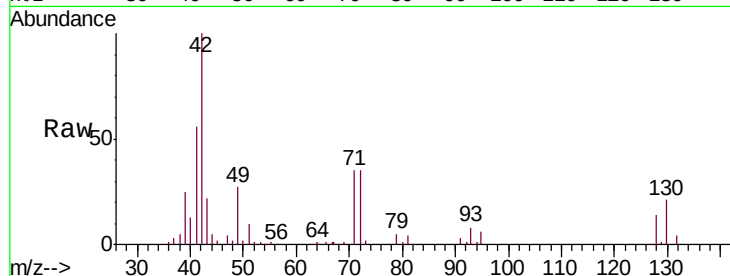
Tgt Ion: 42 Resp: 57866

Ion Ratio Lower Upper

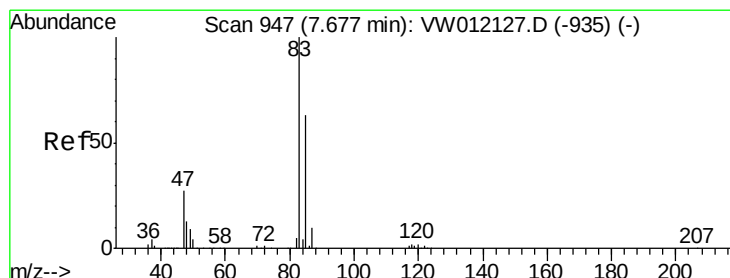
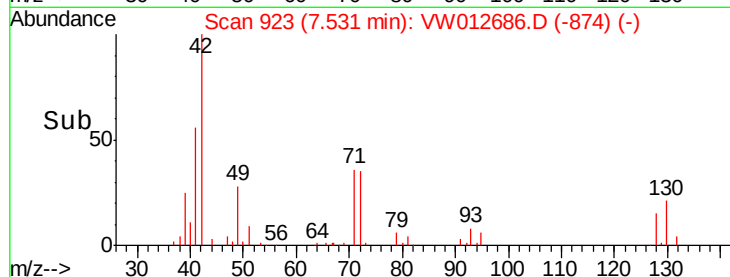
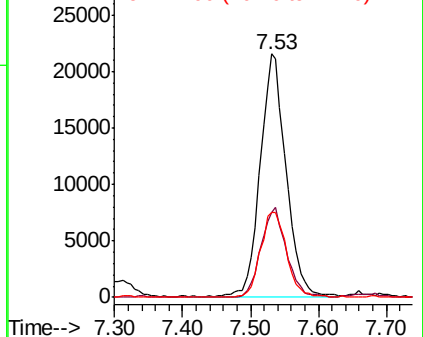
42 100

72 36.0 27.3 40.9

71 34.9 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 23.615 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012686.D

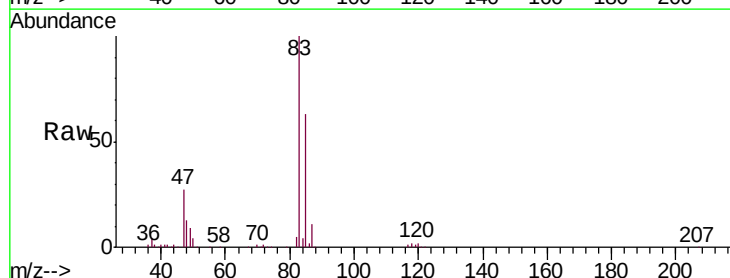
Acq: 06 Sep 2019 12:58

Tgt Ion: 83 Resp: 108393

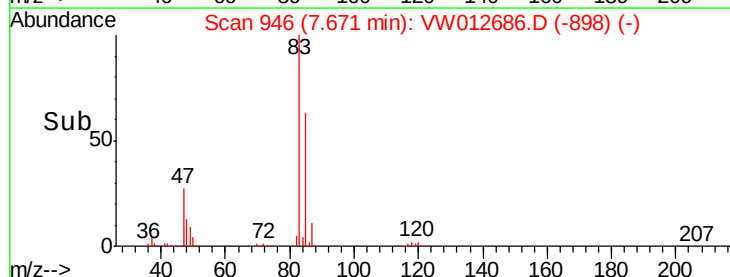
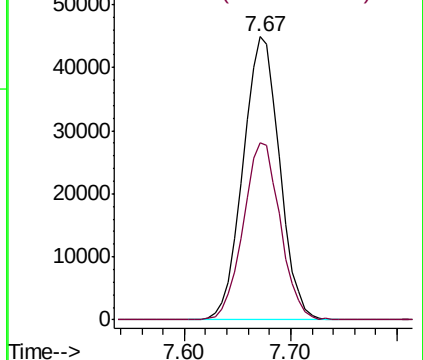
Ion Ratio Lower Upper

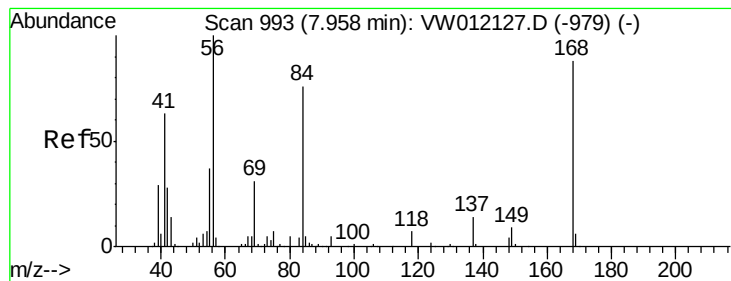
83 100

85 62.6 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 19.280 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

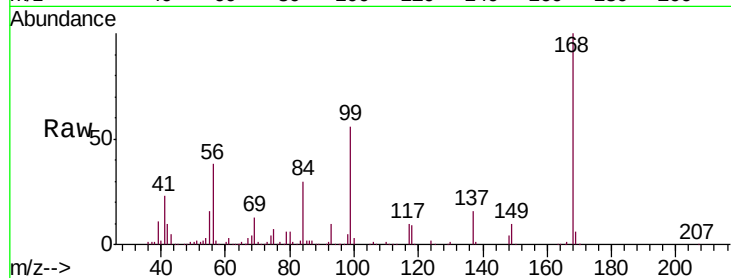
Tgt Ion: 56 Resp: 95700

Ion Ratio Lower Upper

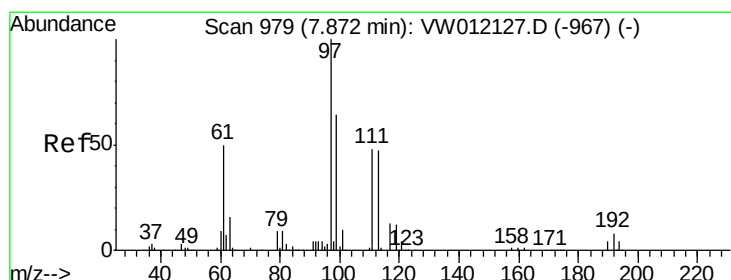
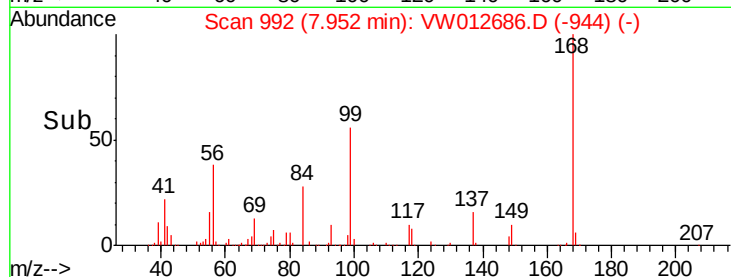
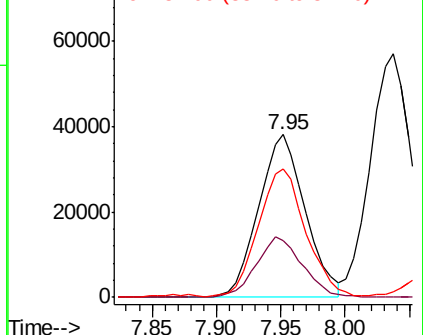
56 100

69 35.0 24.9 37.3

84 77.2 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 23.162 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

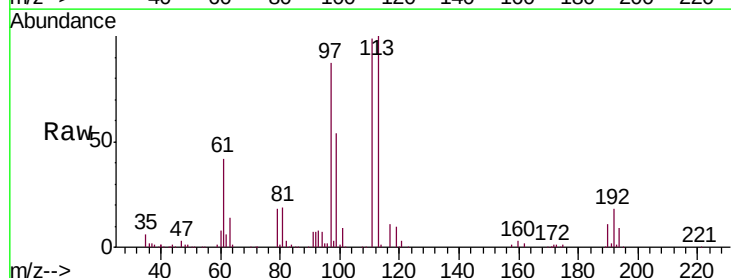
Tgt Ion: 97 Resp: 84103

Ion Ratio Lower Upper

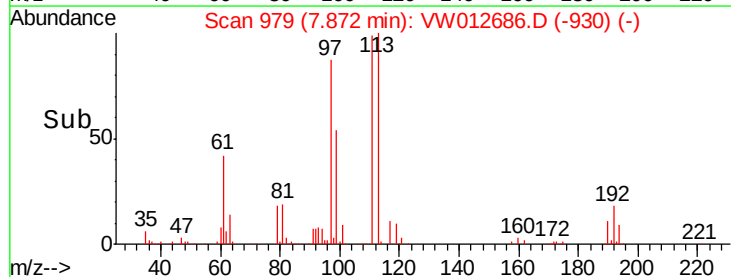
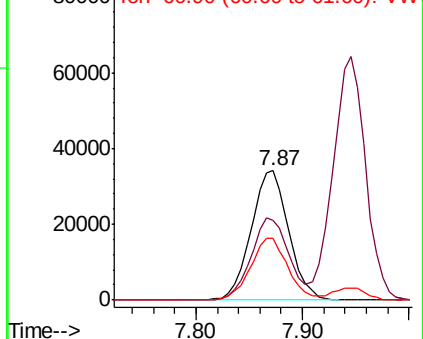
97 100

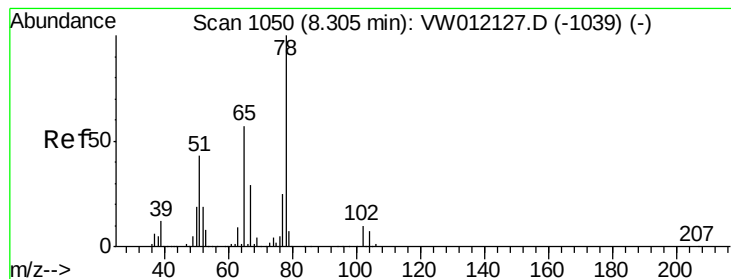
99 63.8 51.4 77.0

61 47.7 39.5 59.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 49.517 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

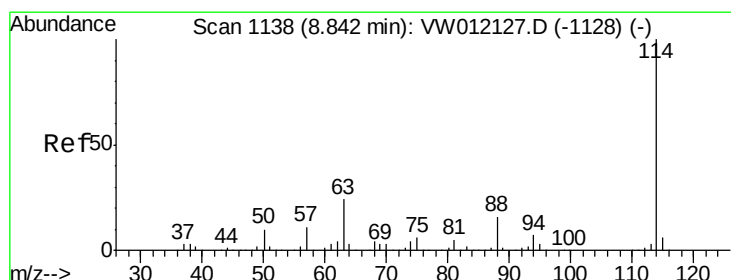
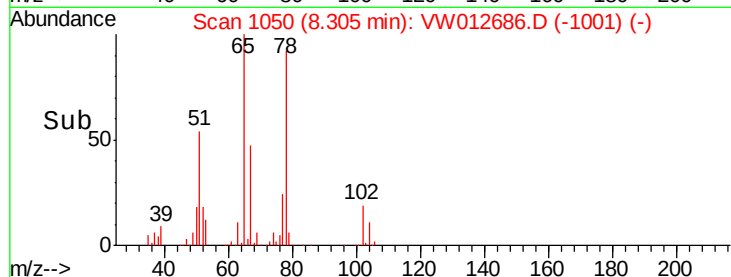
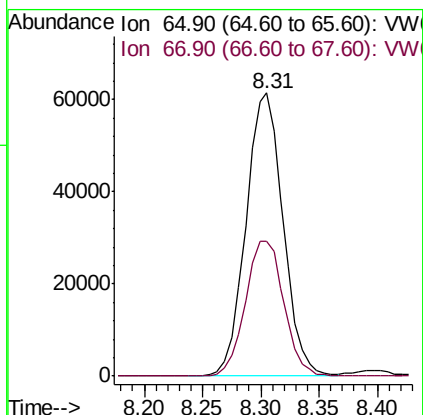
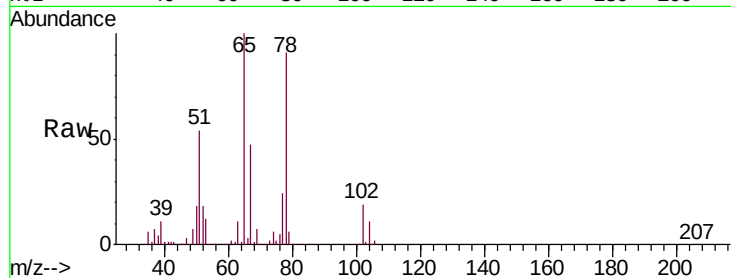
VW0906SBS02

Tgt Ion: 65 Resp: 136455

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

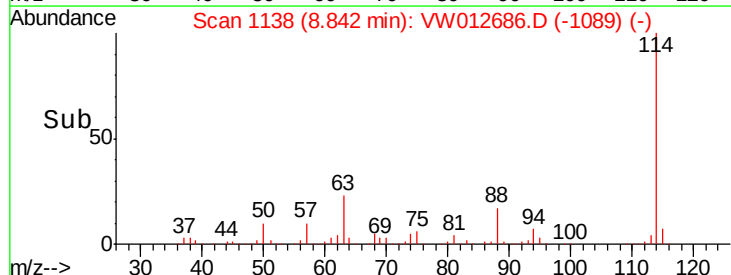
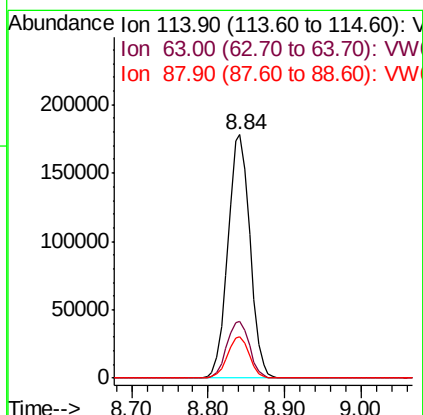
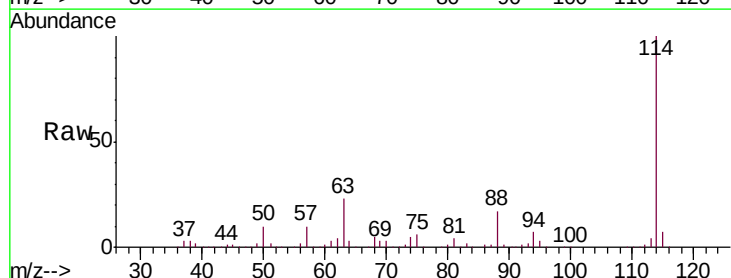
Tgt Ion: 114 Resp: 354577

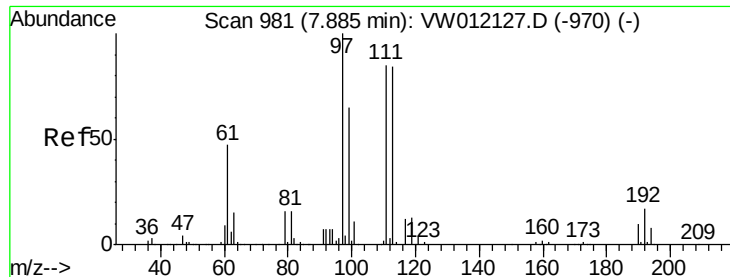
Ion Ratio Lower Upper

114 100

63 23.3 0.0 48.6

88 17.1 0.0 32.2

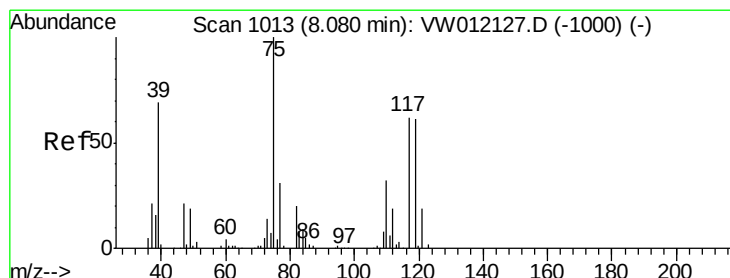
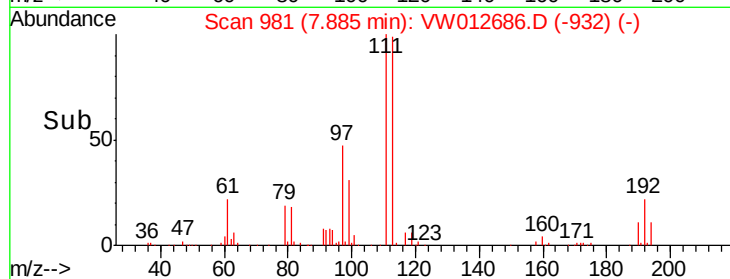
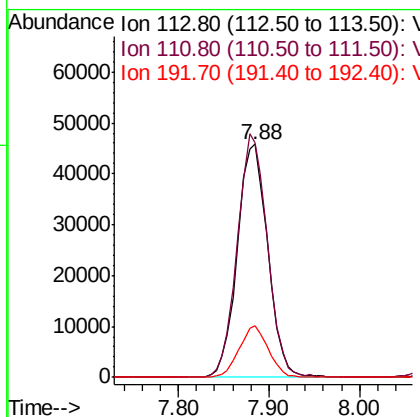
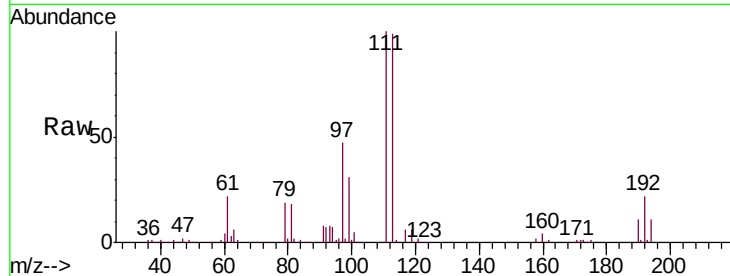




#35
 Dibromofluoromethane
 Concen: 50.525 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

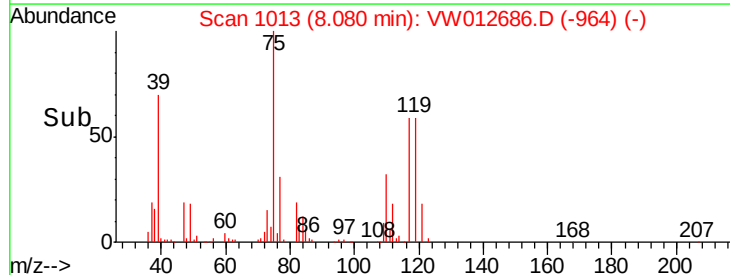
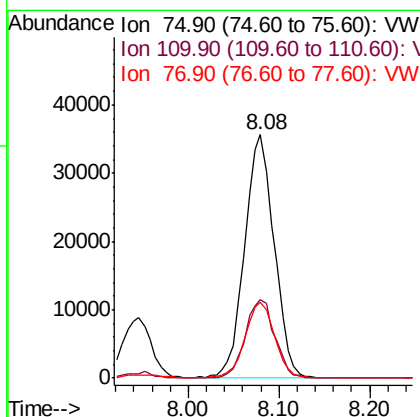
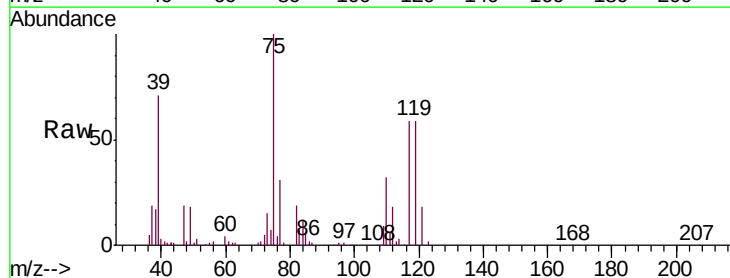
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

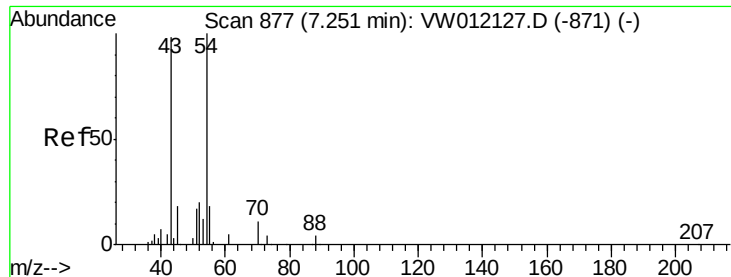
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	21.0	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 21.946 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.2	15.6	46.8
77	31.4	24.6	36.8

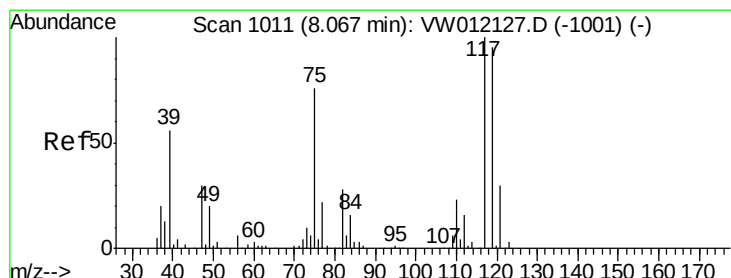
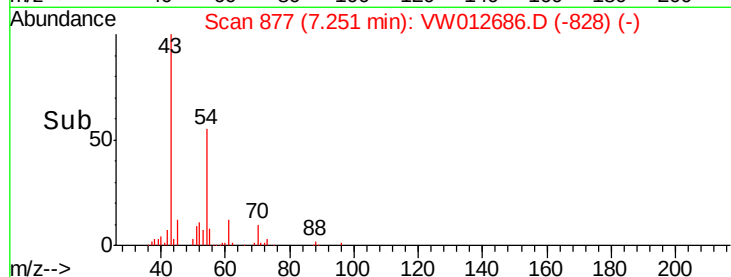
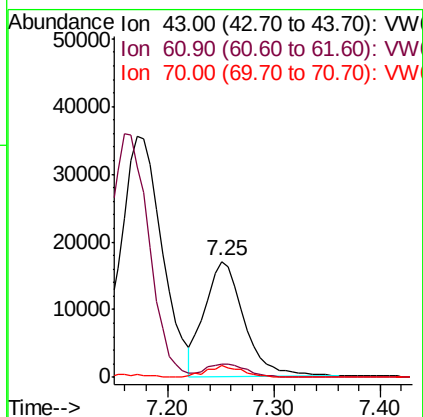
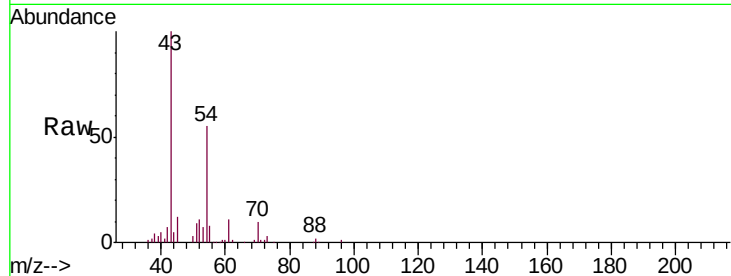




#37
Ethyl Acetate
Concen: 21.740 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

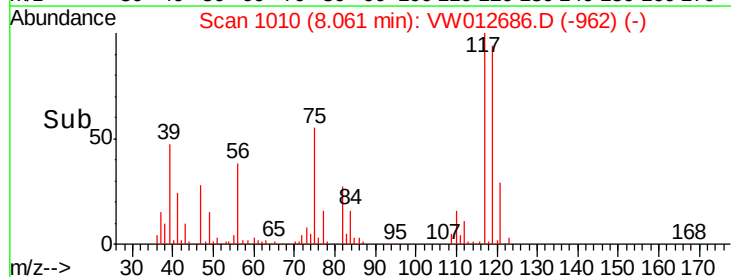
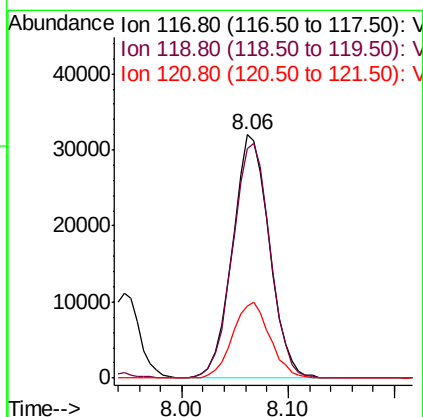
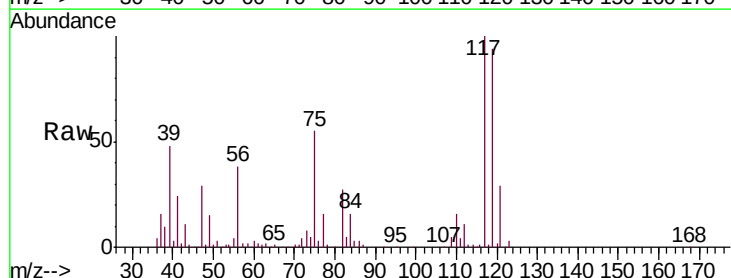
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

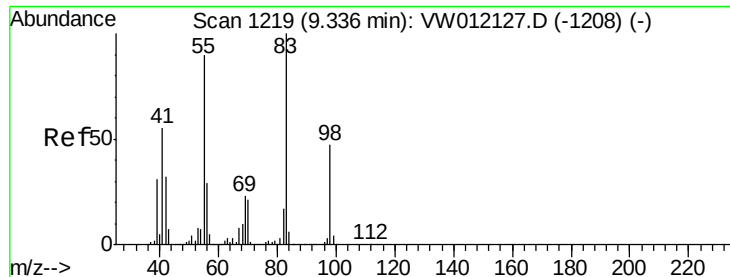
Tgt Ion: 43 Resp: 43652
Ion Ratio Lower Upper
43 100
61 11.5 9.2 13.8
70 9.1 6.9 10.3



#38
Carbon Tetrachloride
Concen: 24.526 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 117 Resp: 77782
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.2
121 29.4 23.8 35.8

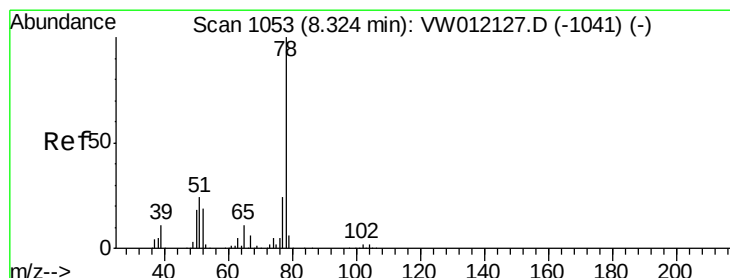
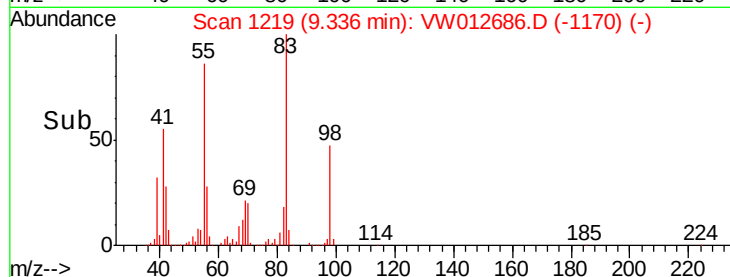
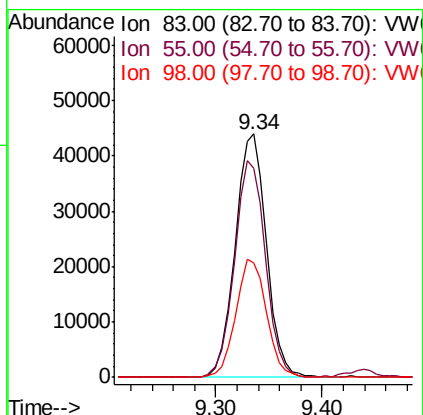
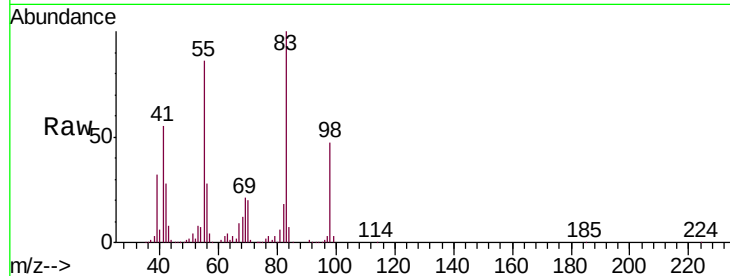




#39
Methylcyclohexane
Concen: 21.990 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

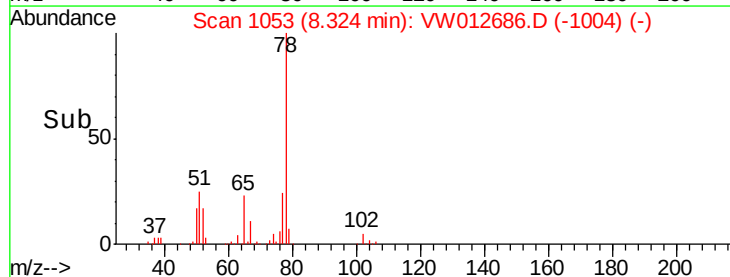
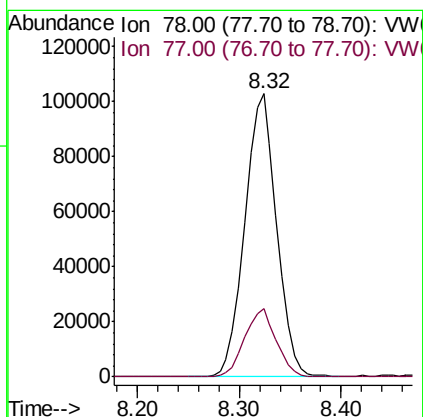
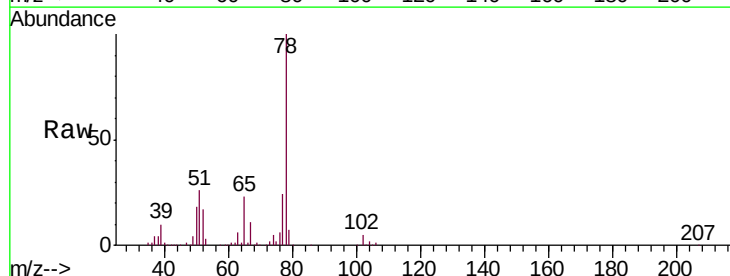
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

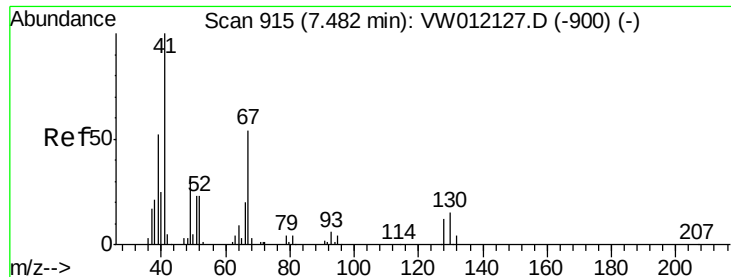
Tgt Ion: 83 Resp: 90520
Ion Ratio Lower Upper
83 100
55 86.0 71.8 107.8
98 47.1 37.8 56.8



#40
Benzene
Concen: 22.285 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 78 Resp: 222970
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

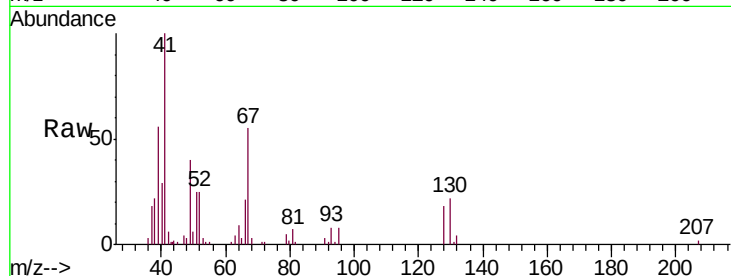




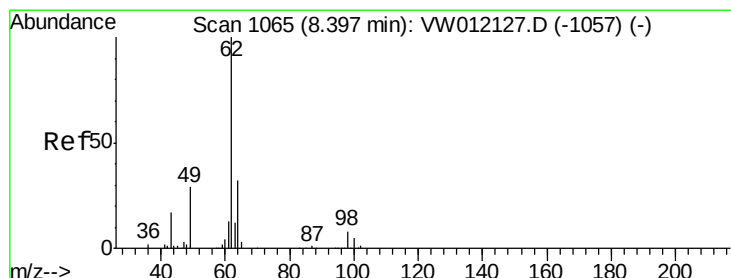
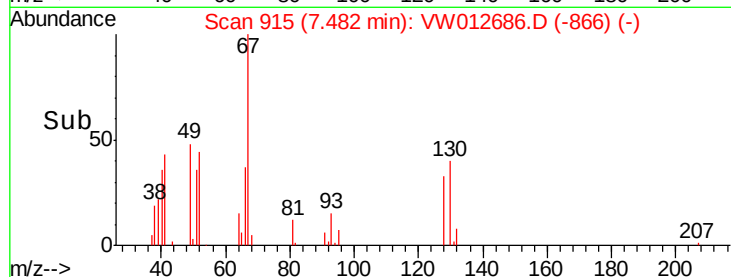
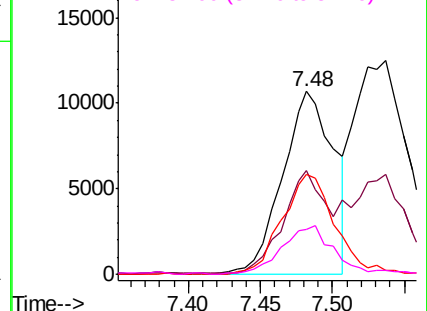
#41
Methacrylonitrile
Concen: 22.483 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion:	41	Resp:	26533
Ion	Ratio	Lower	Upper
41	100		
39	47.9	45.8	68.8
67	56.5	46.2	69.4
52	27.5	21.0	31.6

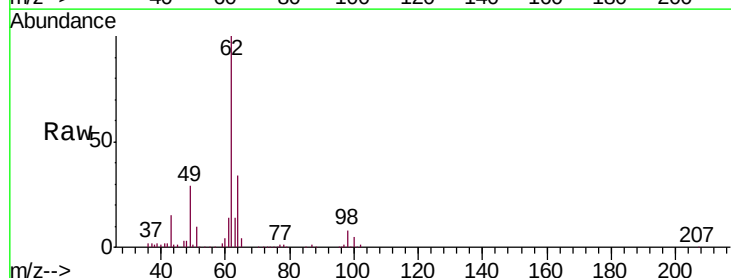


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

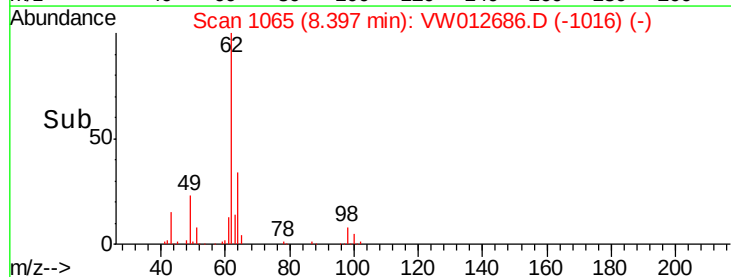
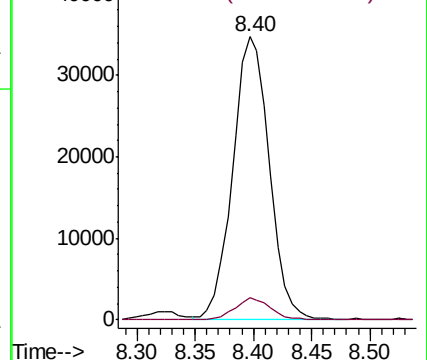


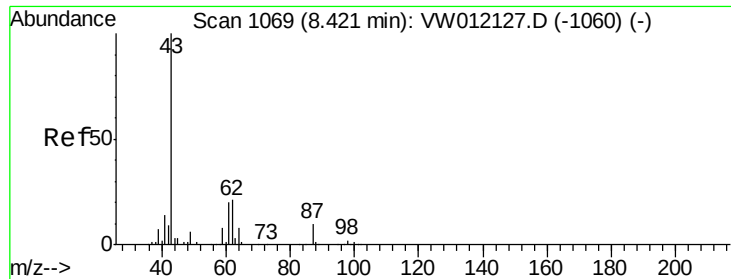
#42
1,2-Dichloroethane
Concen: 24.209 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion:	62	Resp:	75914
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.004 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

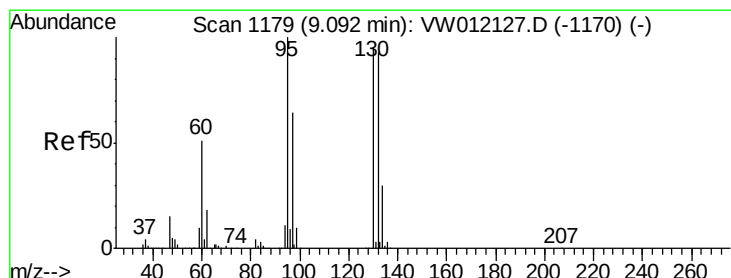
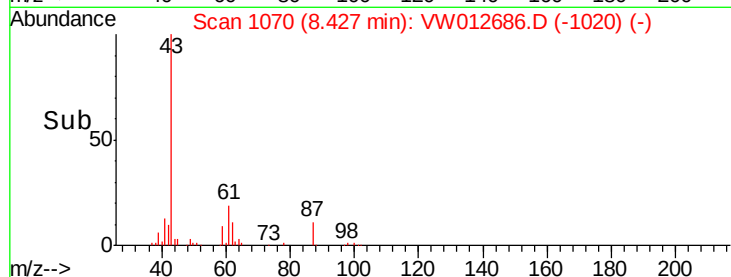
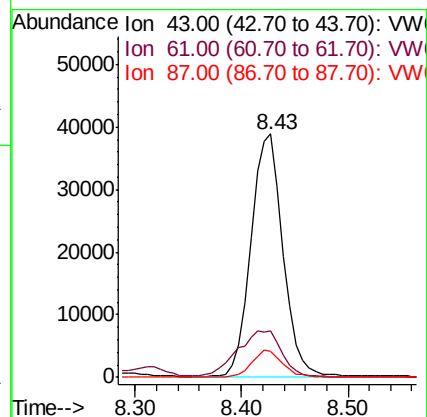
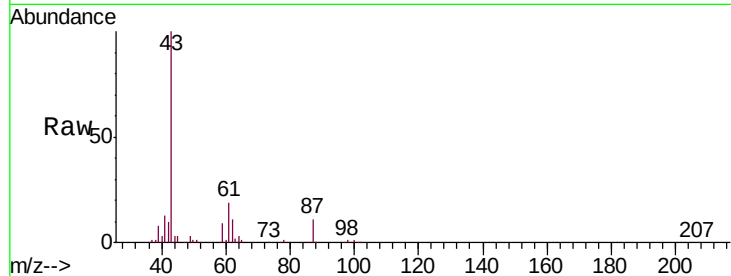
Tgt Ion: 43 Resp: 81840

Ion Ratio Lower Upper

43 100

61 26.7 21.1 31.7

87 10.9 8.2 12.2



#44

Trichloroethene

Concen: 22.886 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012686.D

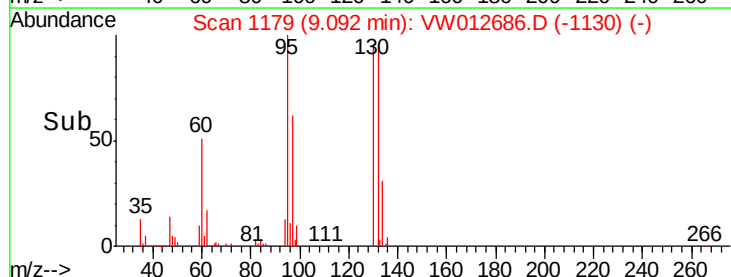
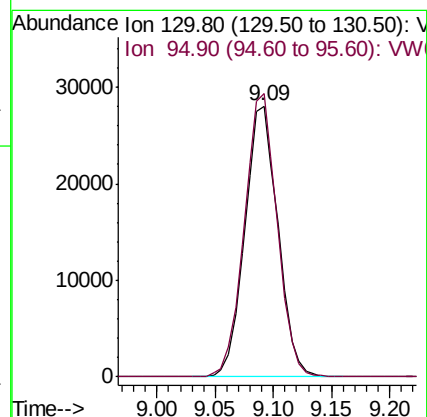
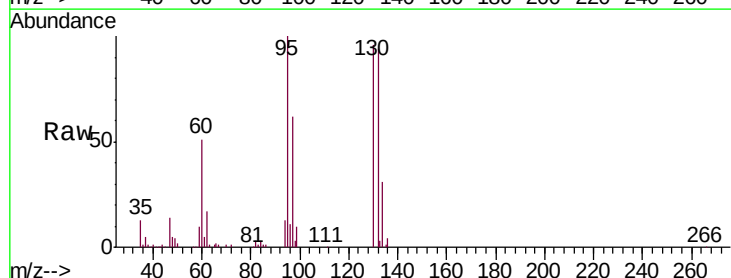
Acq: 06 Sep 2019 12:58

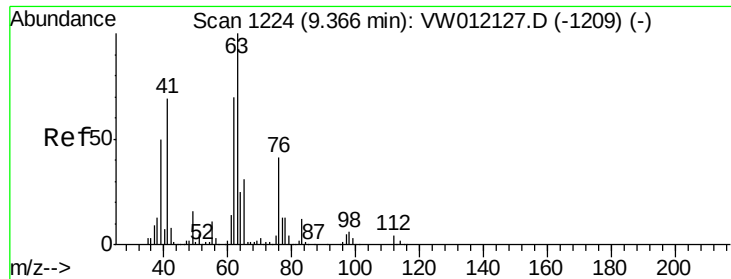
Tgt Ion: 130 Resp: 55665

Ion Ratio Lower Upper

130 100

95 104.6 0.0 210.6

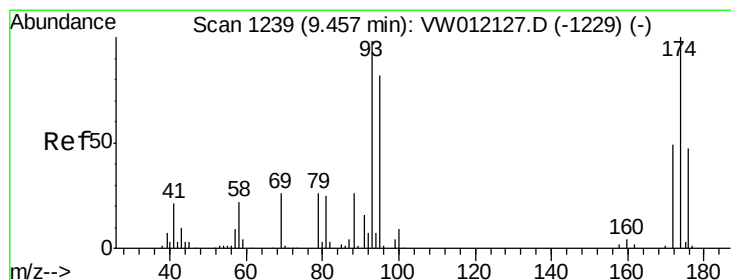
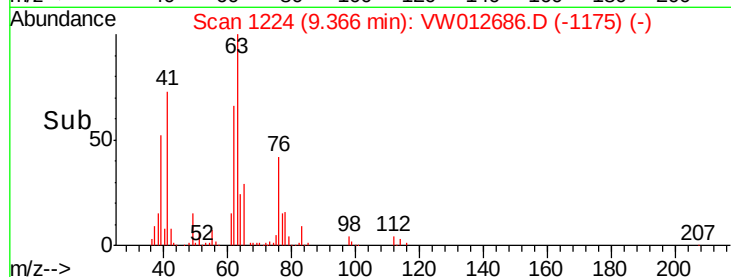
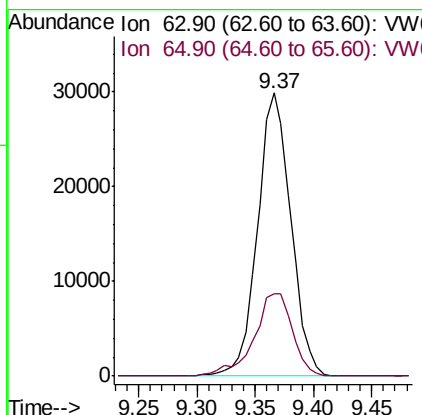
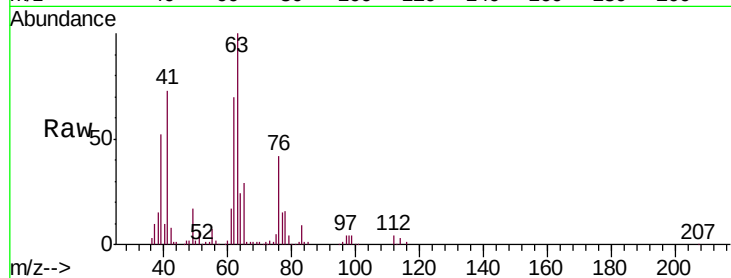




#45
 1,2-Dichloropropane
 Concen: 21.999 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

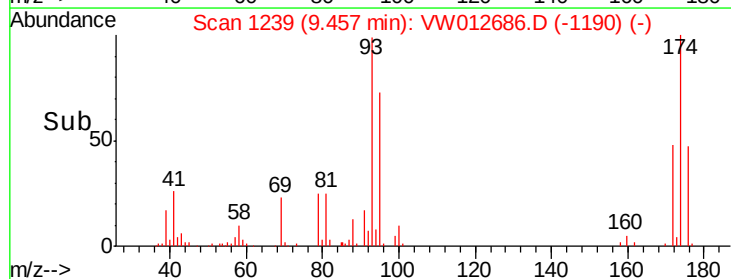
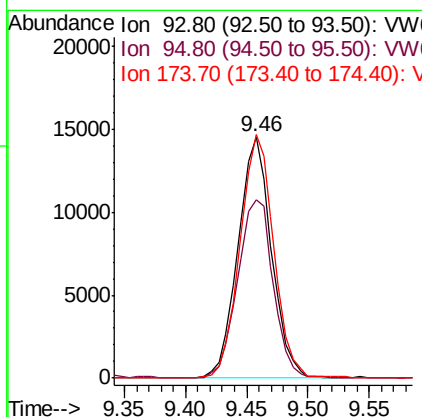
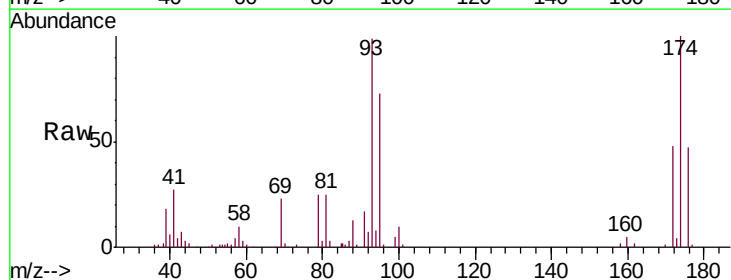
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

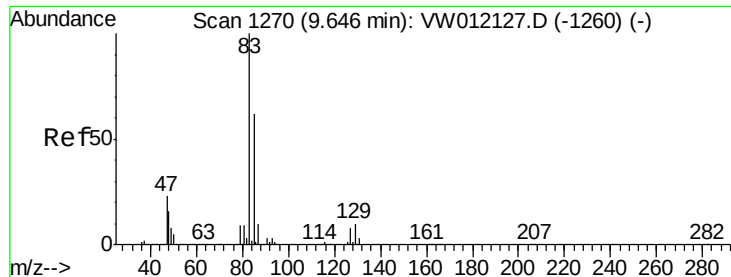
Tgt Ion: 63 Resp: 59237
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.4



#46
 Dibromomethane
 Concen: 22.947 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 93 Resp: 27492
 Ion Ratio Lower Upper
 93 100
 95 79.0 67.2 100.8
 174 102.4 79.0 118.6





#47

Bromodichloromethane

Concen: 24.116 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

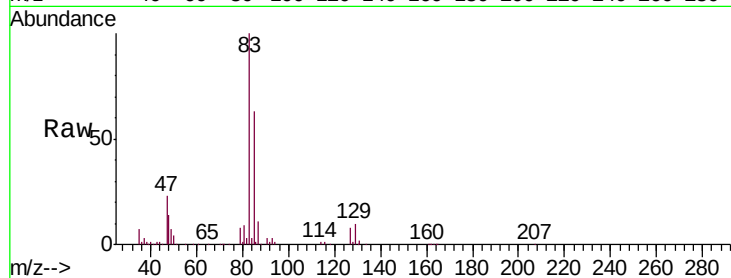
Tgt Ion: 83 Resp: 76894

Ion Ratio Lower Upper

83 100

85 63.0 49.4 74.2

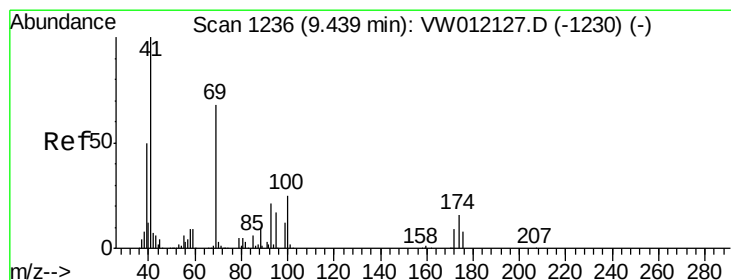
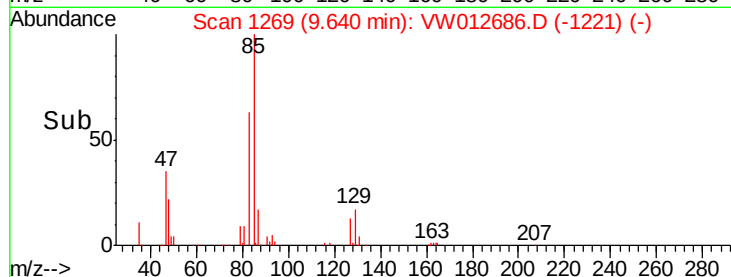
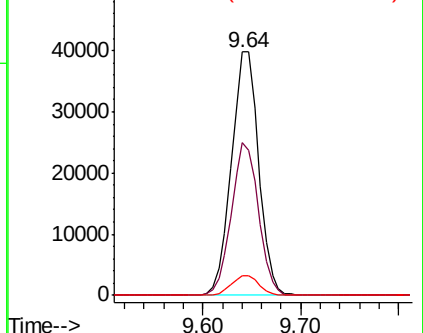
127 8.3 6.1 9.1



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): VW



#48

Methyl methacrylate

Concen: 21.620 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

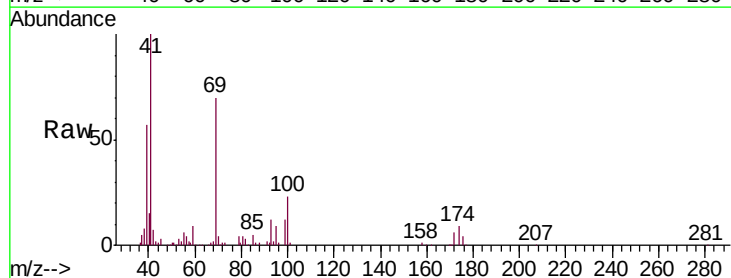
Tgt Ion: 41 Resp: 38271

Ion Ratio Lower Upper

41 100

69 76.2 56.7 85.1

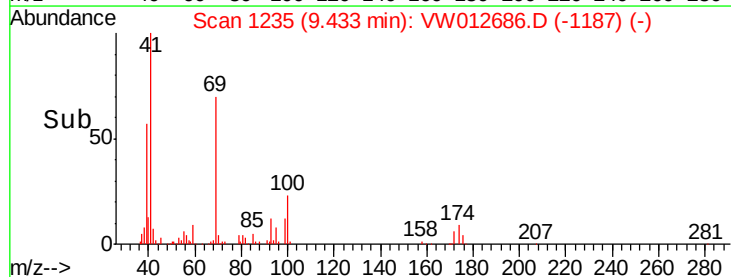
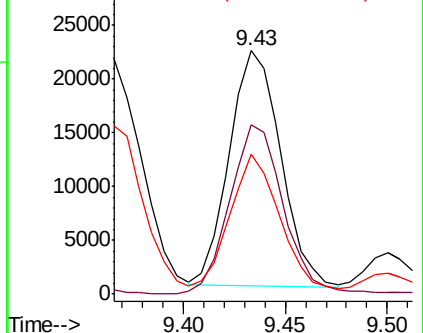
39 54.3 42.0 63.0

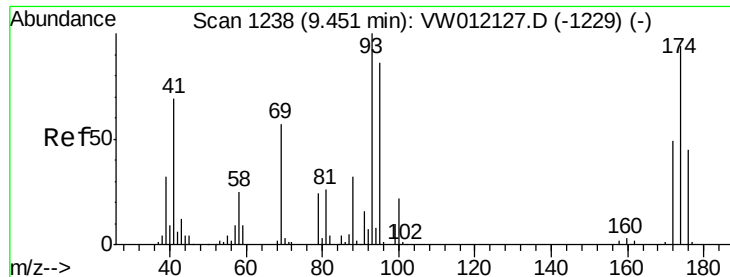


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 419.825 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

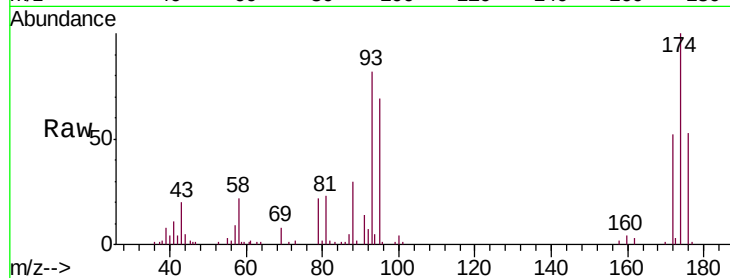
Tgt Ion: 88 Resp: 7700

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

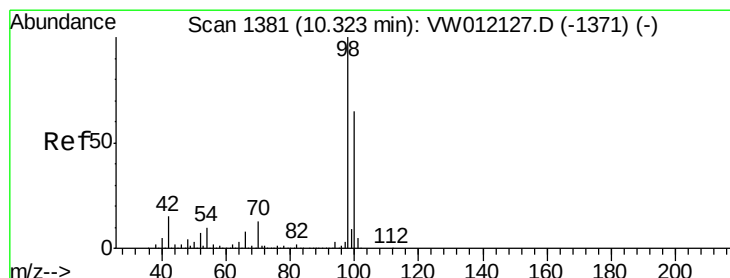
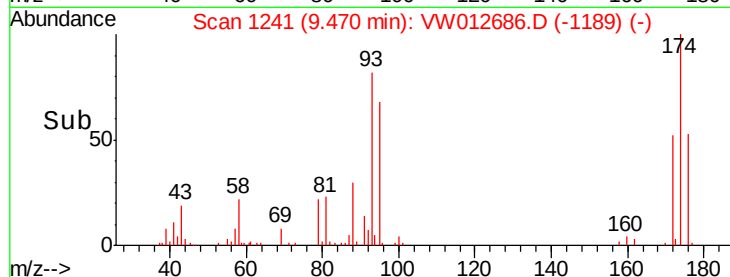
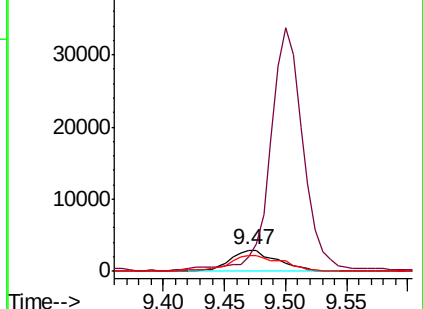
58 87.6 71.0 106.4



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 48.297 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012686.D

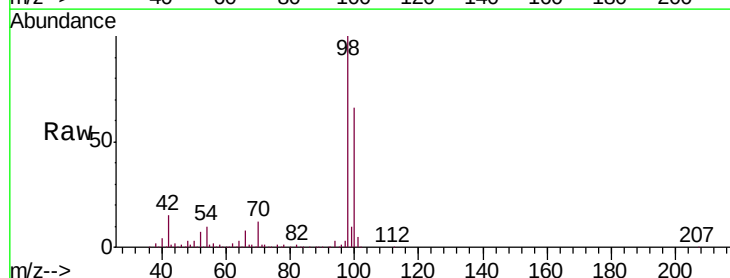
Acq: 06 Sep 2019 12:58

Tgt Ion: 98 Resp: 414471

Ion Ratio Lower Upper

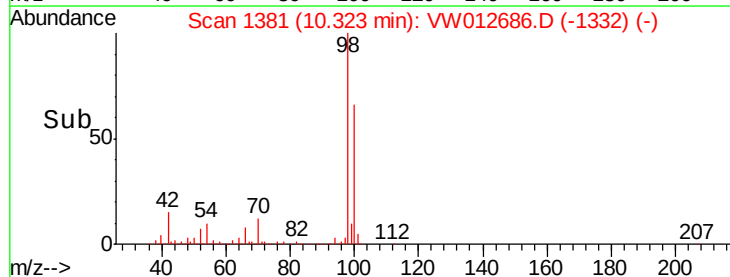
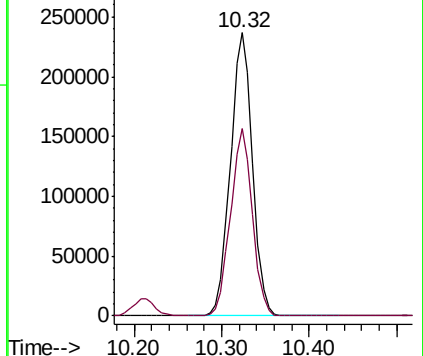
98 100

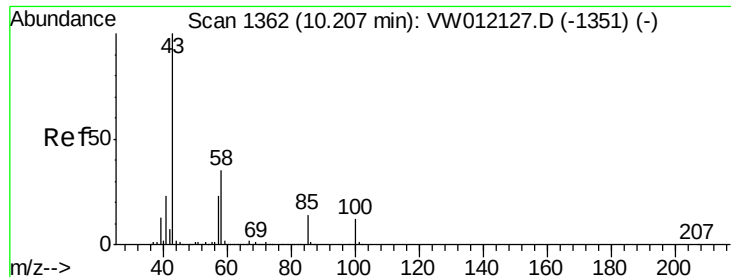
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

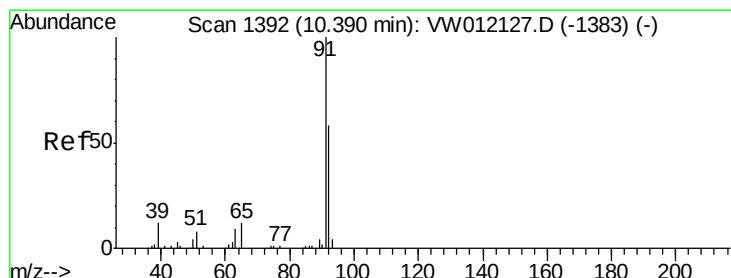
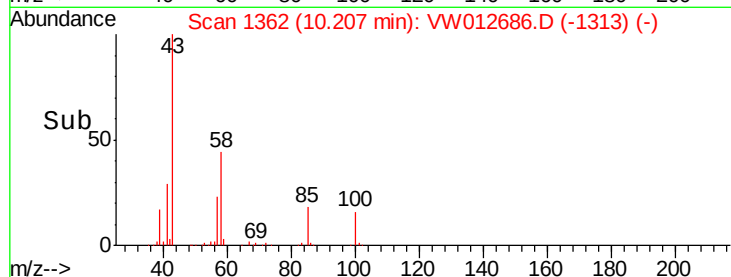
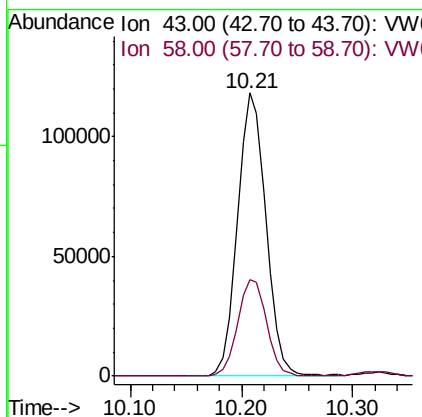
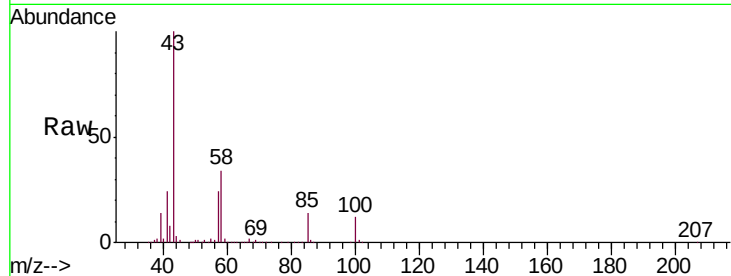




#51
 4-Methyl-2-Pentanone
 Concen: 110.389 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

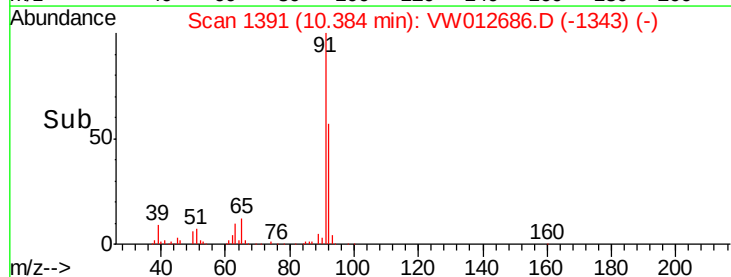
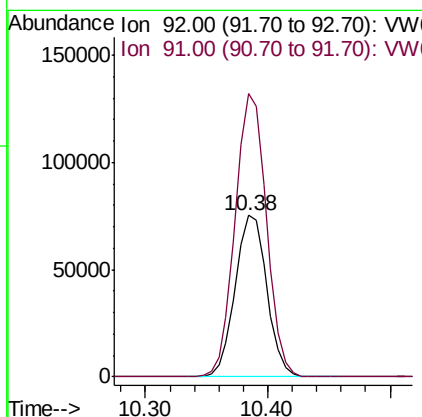
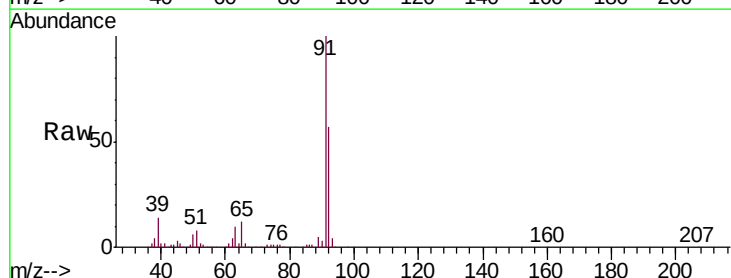
Instrument :
 MSVOA_W
 ClientSampled :
 VW0906SBS02

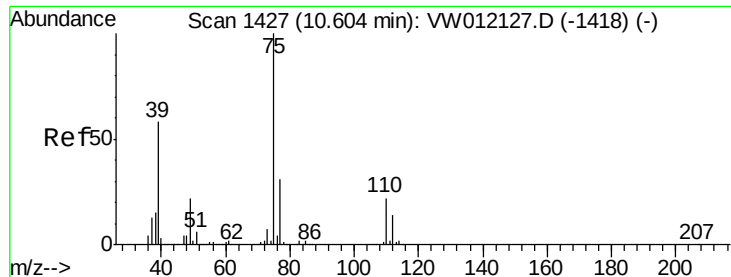
Tgt Ion: 43 Resp: 208825
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2



#52
 Toluene
 Concen: 22.416 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 92 Resp: 134736
 Ion Ratio Lower Upper
 92 100
 91 174.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 22.981 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

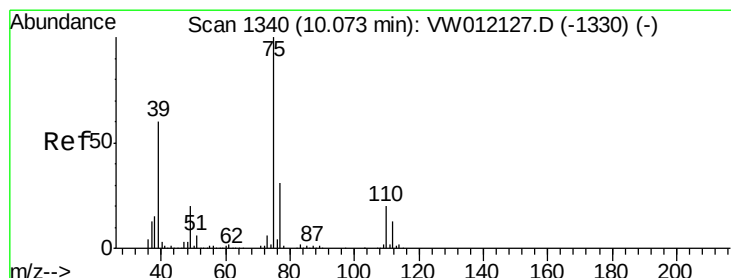
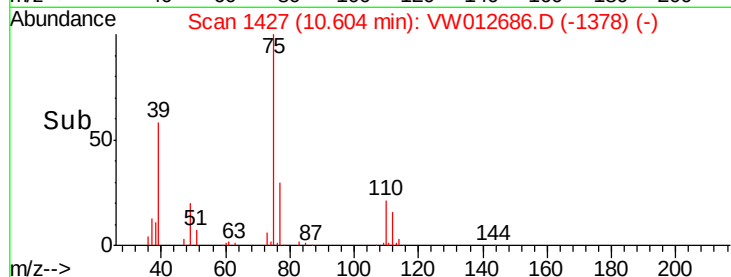
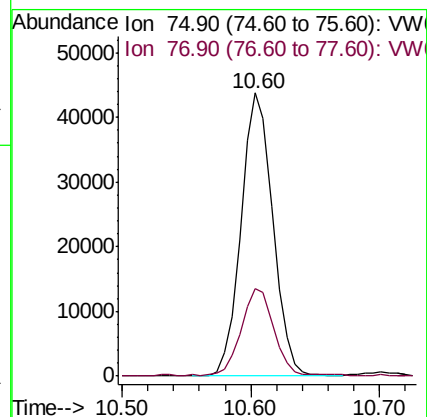
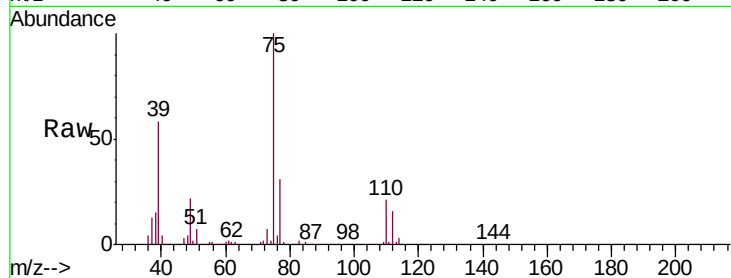
VW0906SBS02

Tgt Ion: 75 Resp: 74641

Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 22.226 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

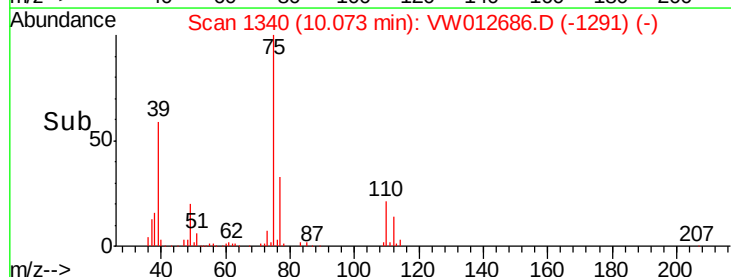
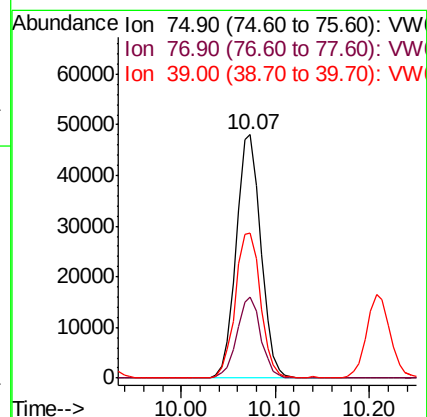
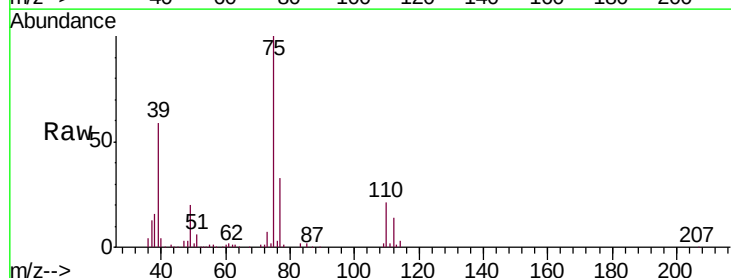
Tgt Ion: 75 Resp: 87163

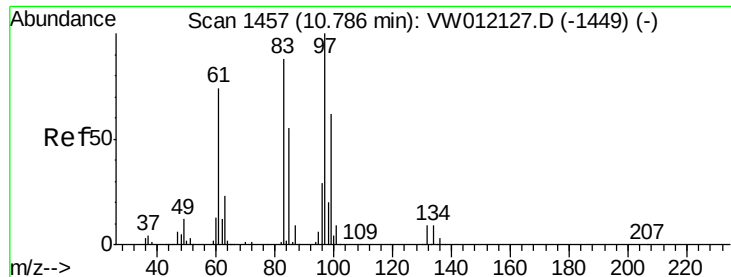
Ion Ratio Lower Upper

75 100

77 33.2 25.1 37.7

39 59.3 48.3 72.5

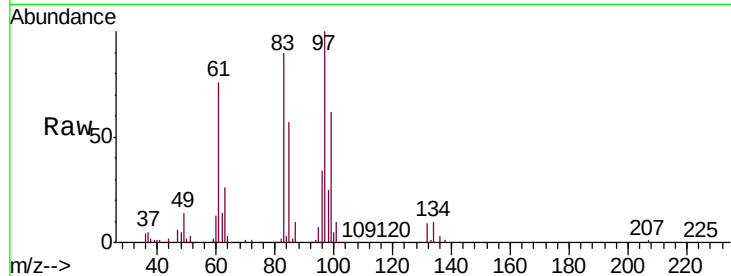




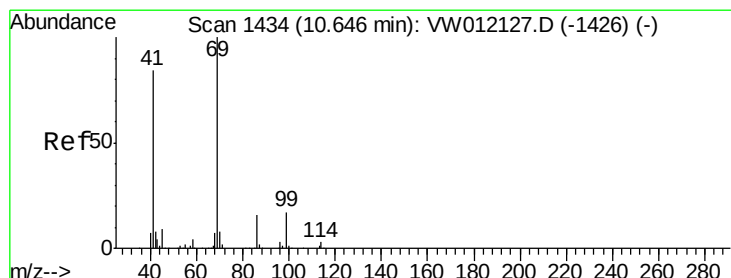
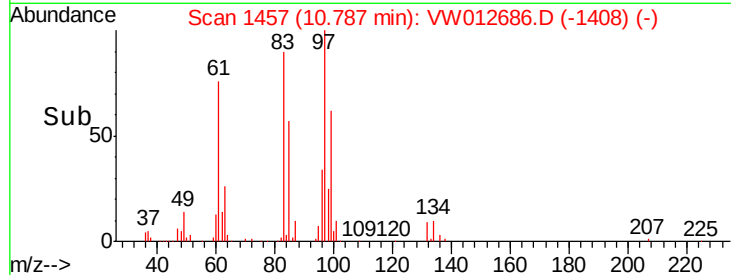
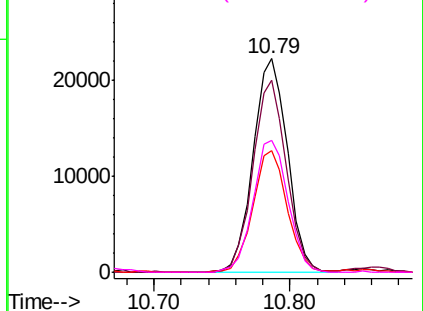
#55
 1,1,2-Trichloroethane
 Concen: 23.222 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion:	97	Resp:	39363
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.8	106.2
85	56.9	43.8	65.8
99	61.7	49.8	74.6

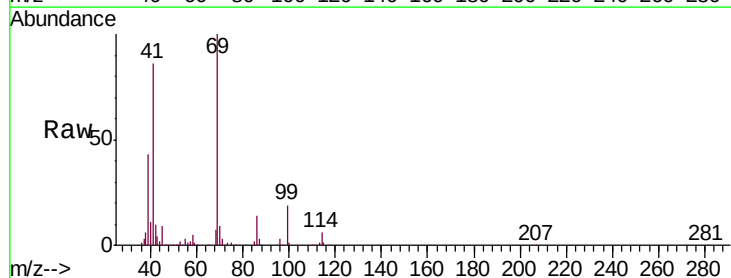


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

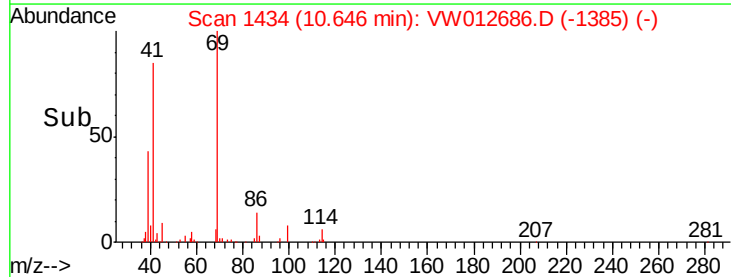
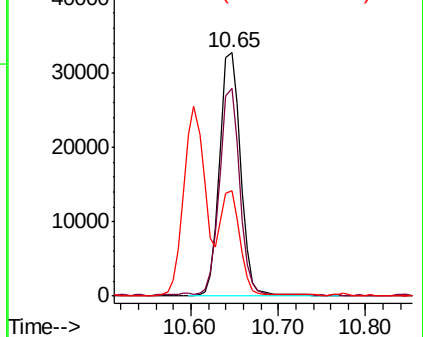


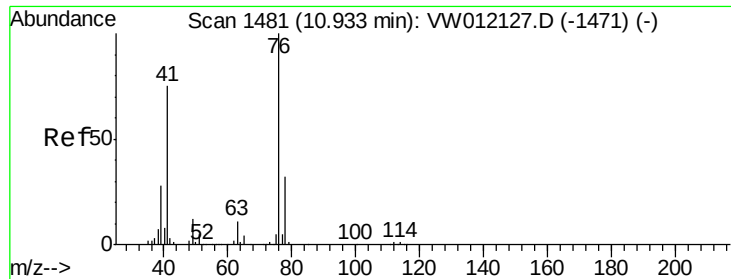
#56
 Ethyl methacrylate
 Concen: 22.064 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion:	69	Resp:	54433
Ion	Ratio	Lower	Upper
69	100		
41	81.9	66.5	99.7
39	38.5	31.0	46.4



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





#57

1,3-Dichloropropane

Concen: 23.363 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

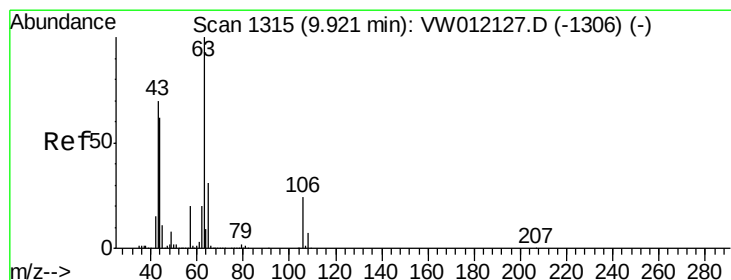
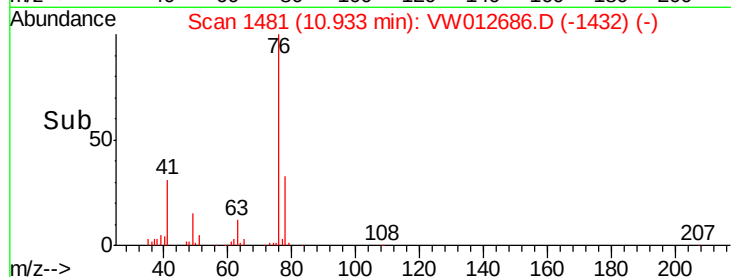
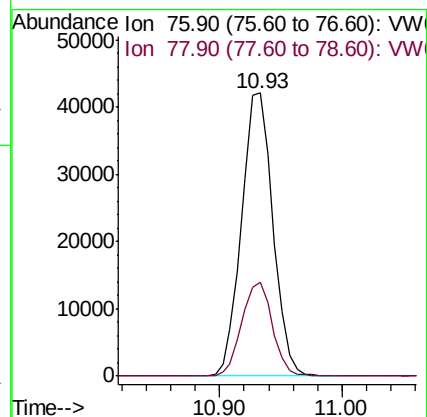
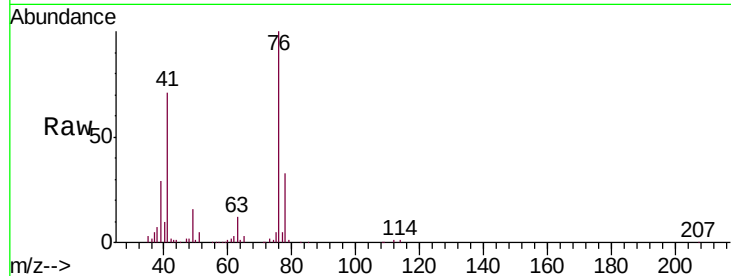
VW0906SBS02

Tgt Ion: 76 Resp: 74840

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.153 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW012686.D

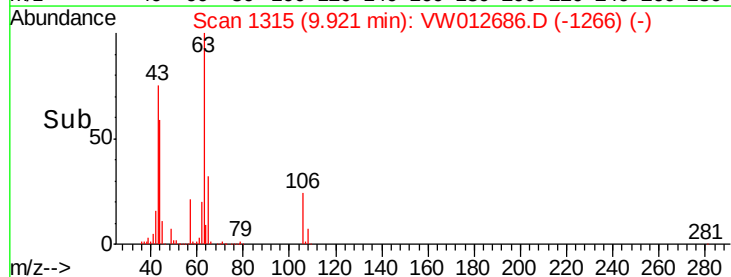
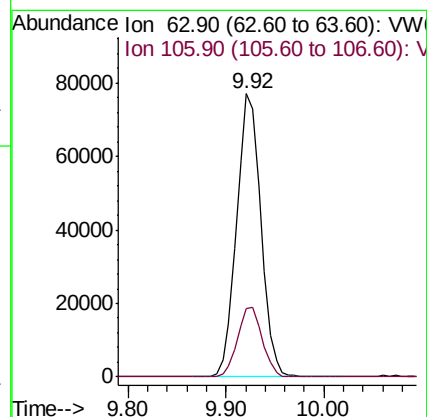
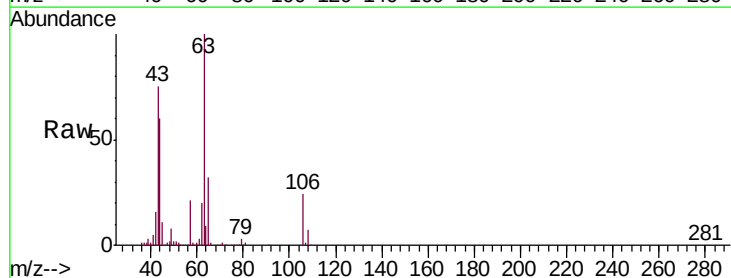
Acq: 06 Sep 2019 12:58

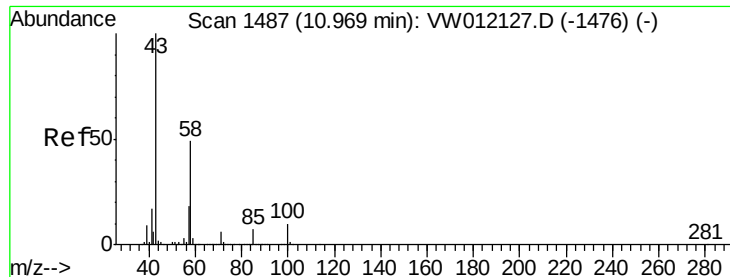
Tgt Ion: 63 Resp: 133140

Ion Ratio Lower Upper

63 100

106 25.0 19.8 29.8

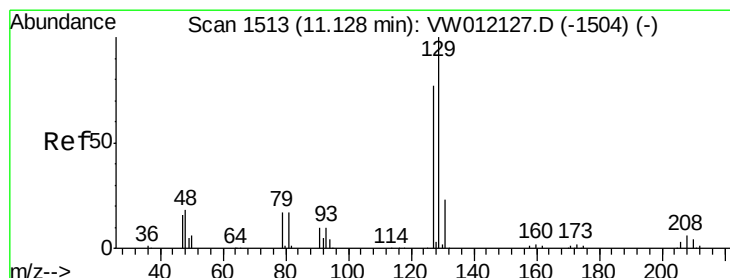
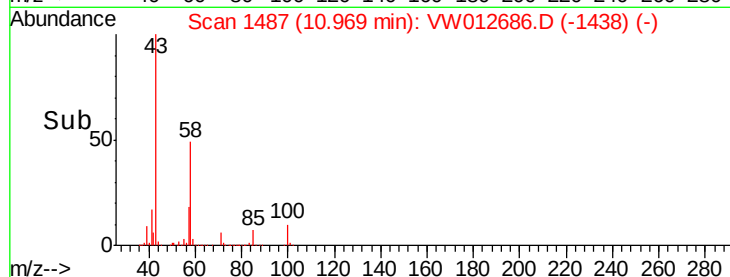
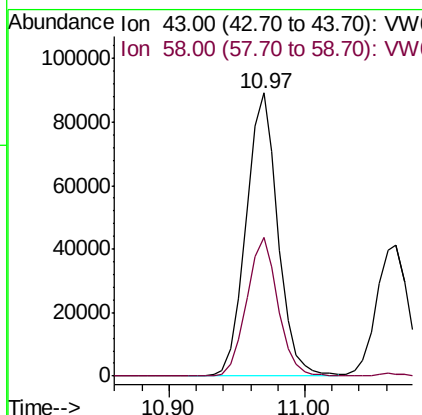
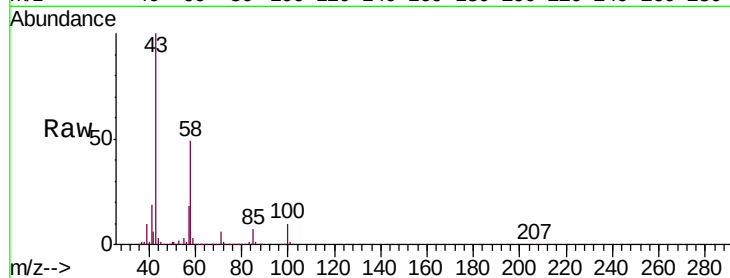




#59
2-Hexanone
Concen: 108.532 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

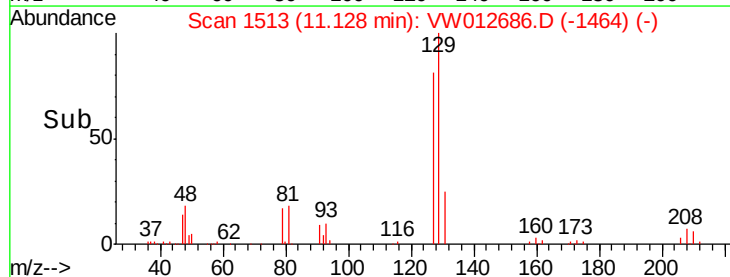
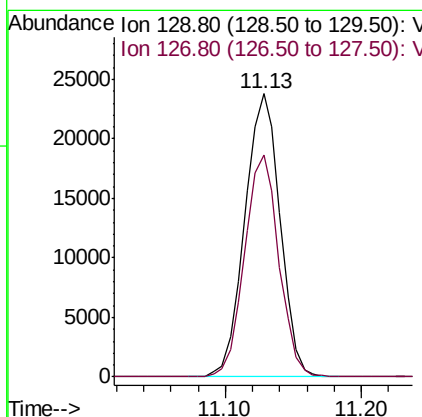
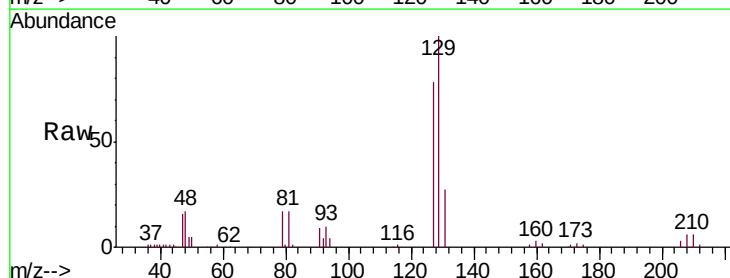
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

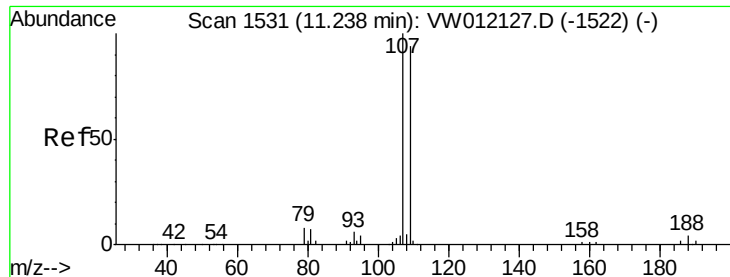
Tgt Ion: 43 Resp: 145272
Ion Ratio Lower Upper
43 100
58 48.3 24.3 72.9



#60
Dibromochloromethane
Concen: 22.818 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 129 Resp: 43081
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 23.050 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

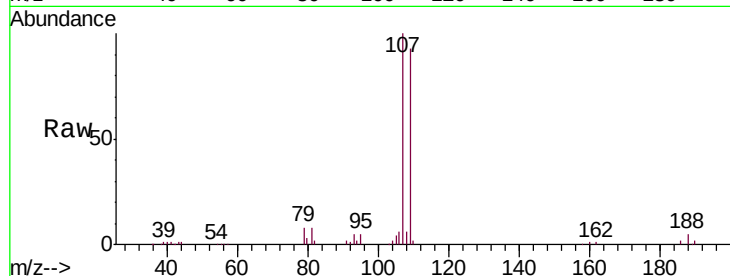
VW0906SBS02

Tgt Ion: 107 Resp: 36401

Ion Ratio Lower Upper

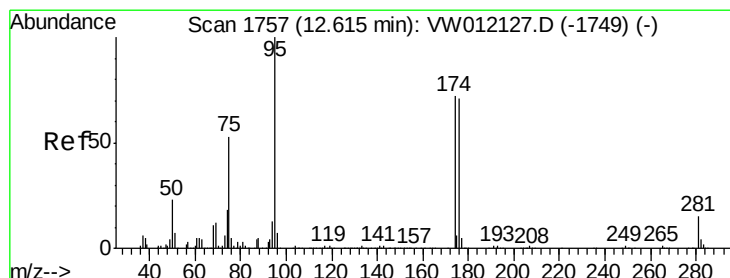
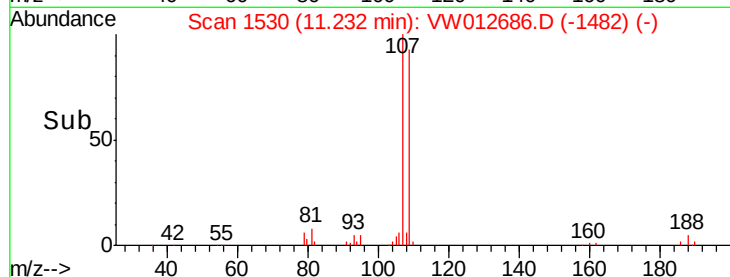
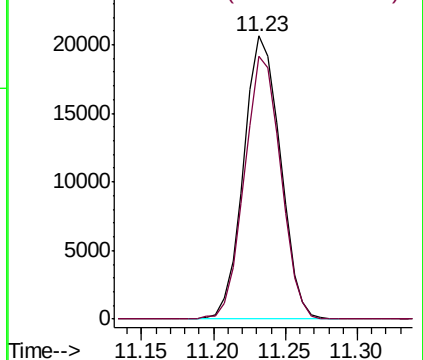
107 100

109 91.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.244 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

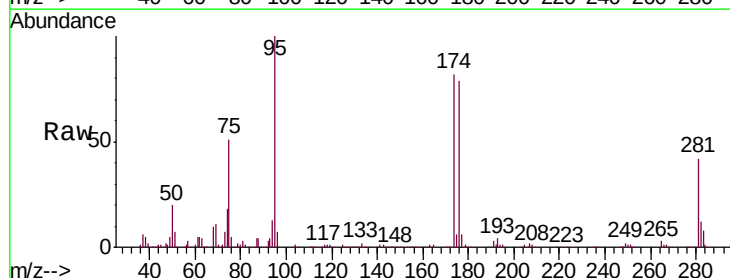
Tgt Ion: 95 Resp: 148965

Ion Ratio Lower Upper

95 100

174 79.3 0.0 150.8

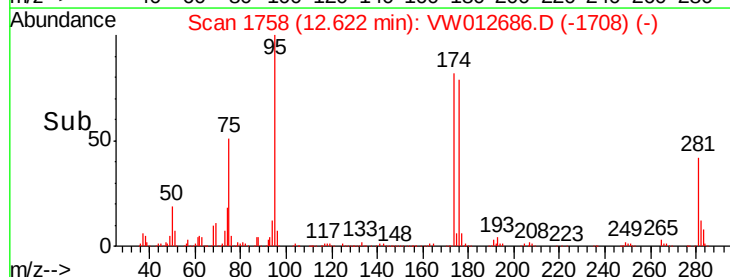
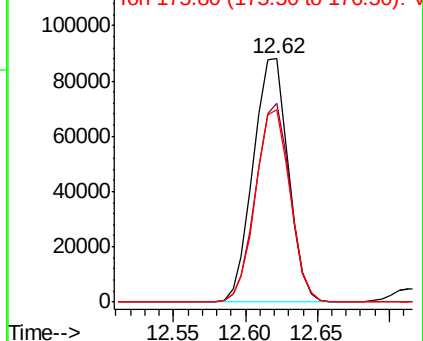
176 77.8 0.0 148.6

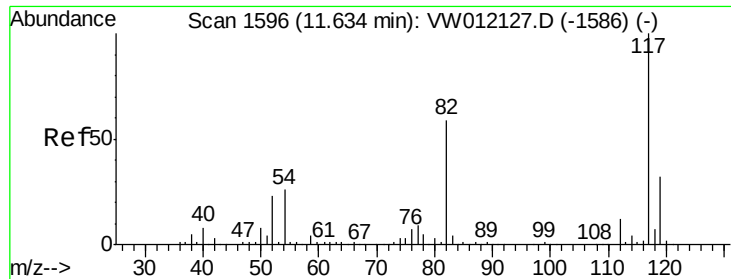


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

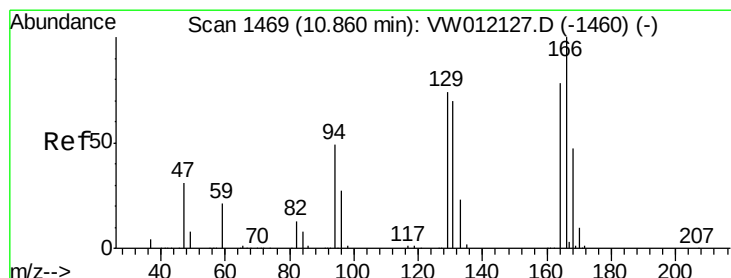
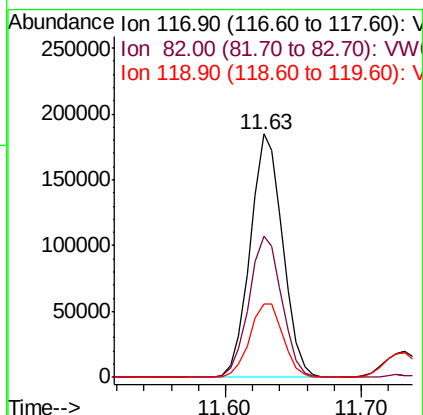
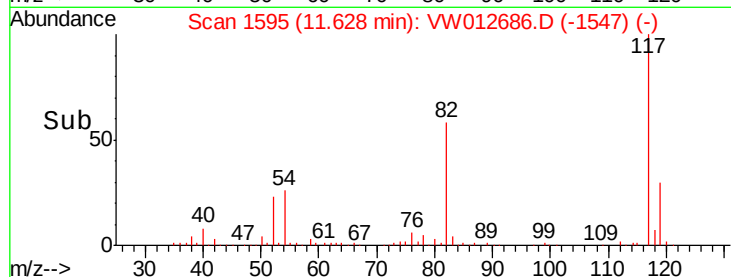
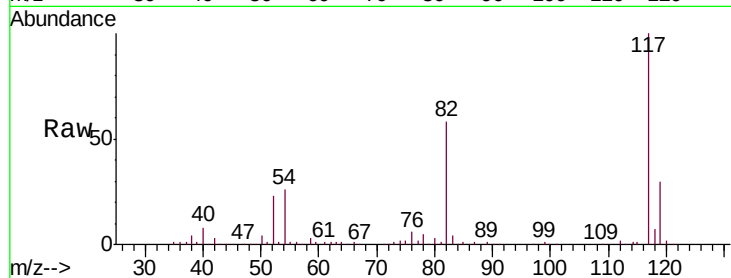




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

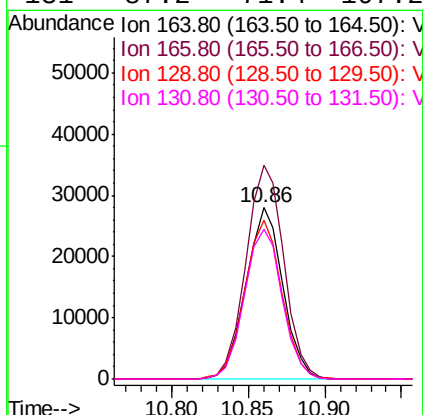
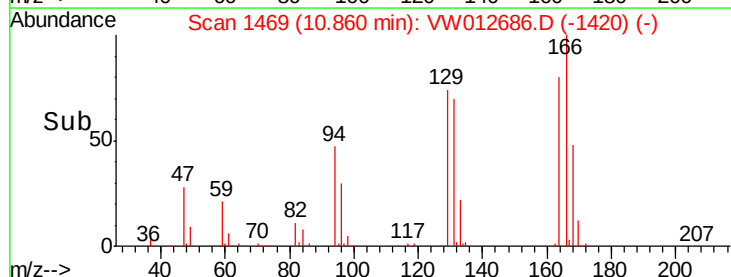
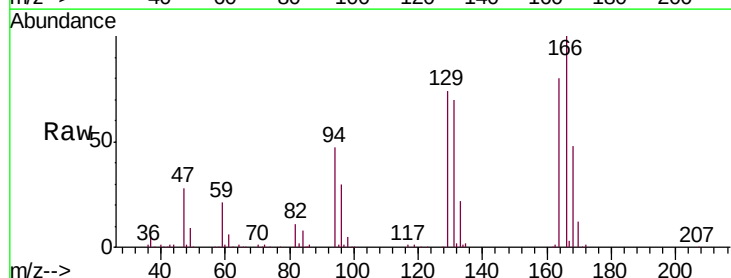
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

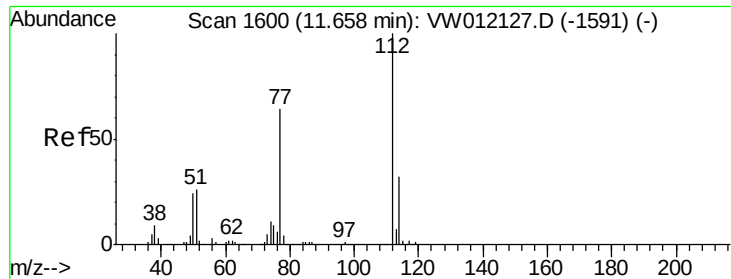
Tgt Ion:117 Resp: 308537
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 30.1 25.4 38.2



#64
Tetrachloroethene
Concen: 23.398 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion:164 Resp: 46803
Ion Ratio Lower Upper
164 100
166 124.8 102.4 153.6
129 92.7 75.8 113.6
131 87.2 71.4 107.2

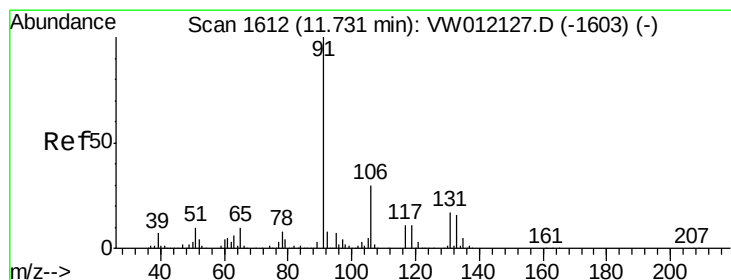
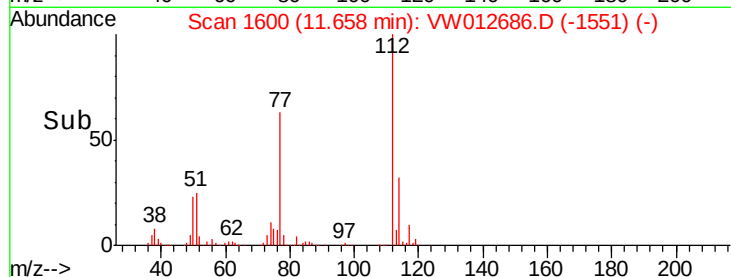
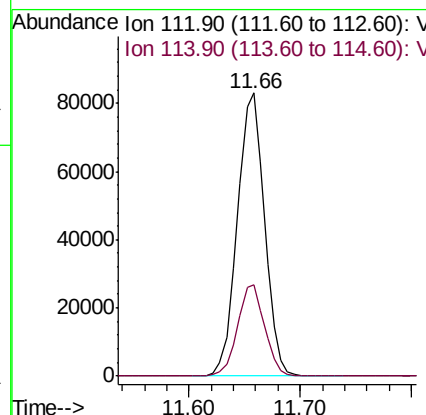
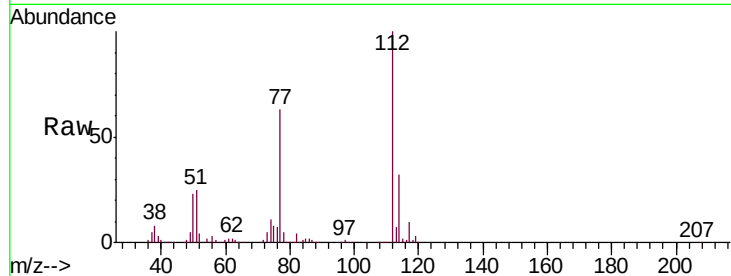




#65
Chlorobenzene
Concen: 23.063 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

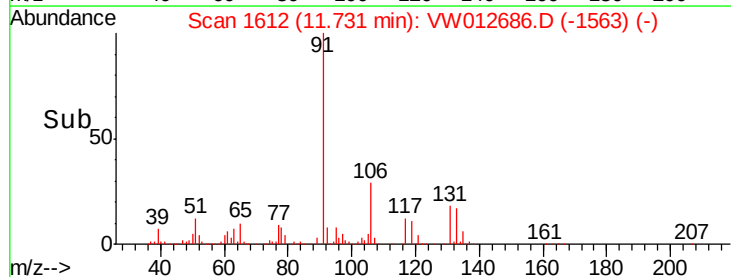
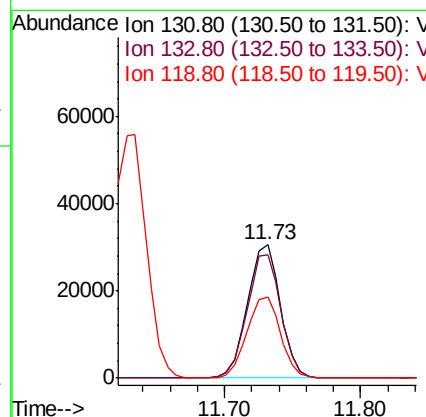
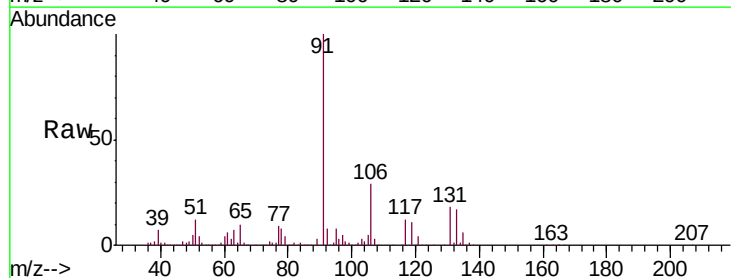
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

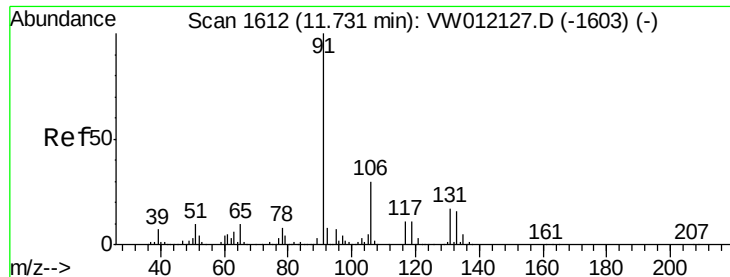
Tgt Ion:112 Resp: 140116
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.529 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion:131 Resp: 51987
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.3
119 61.5 31.8 95.3

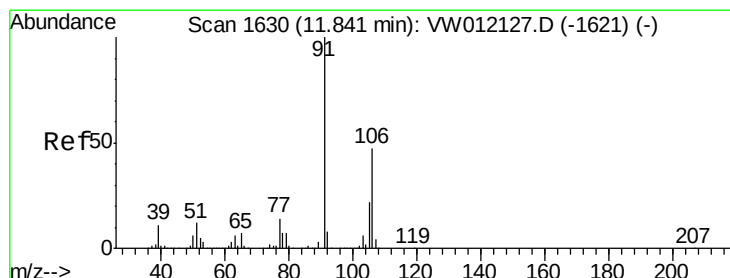
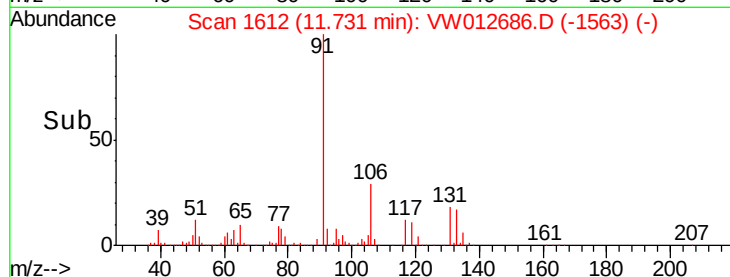
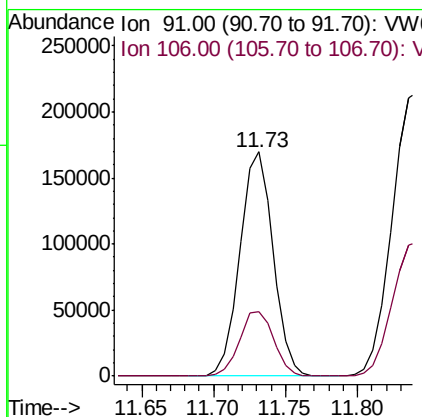
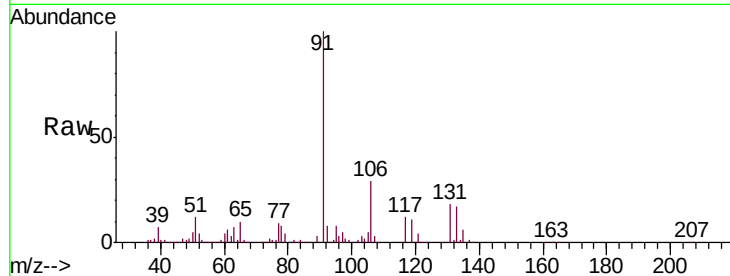




#67
Ethyl Benzene
Concen: 23.200 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

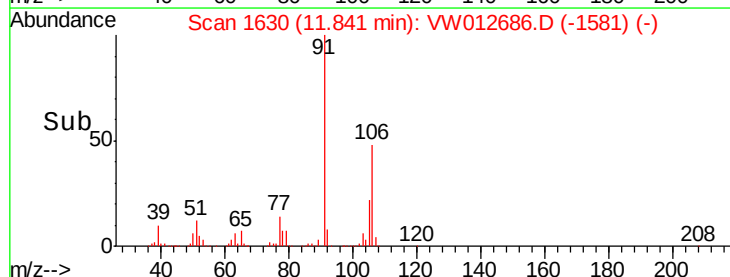
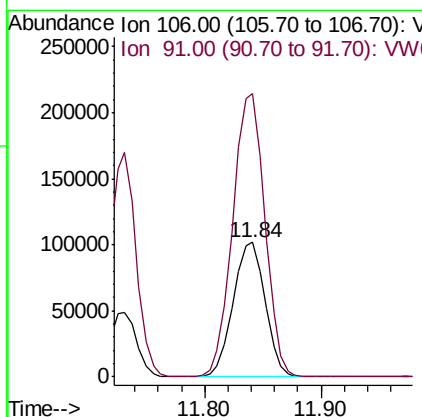
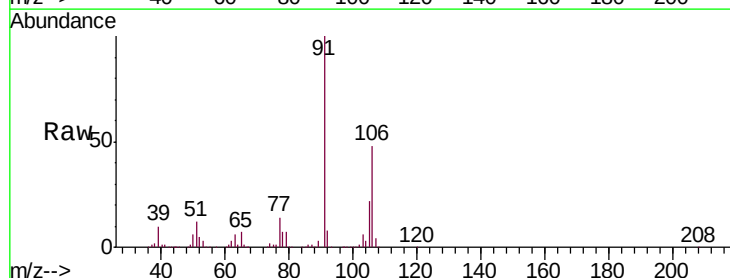
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

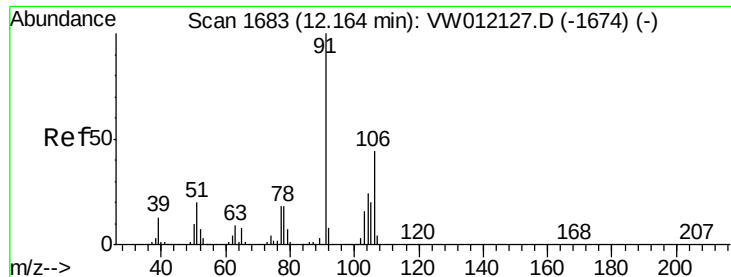
Tgt Ion: 91 Resp: 271508
Ion Ratio Lower Upper
91 100
106 28.5 24.3 36.5



#68
m/p-Xylenes
Concen: 46.266 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 106 Resp: 195041
Ion Ratio Lower Upper
106 100
91 211.1 169.5 254.3

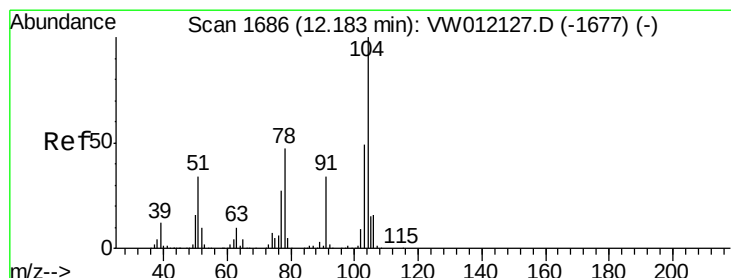
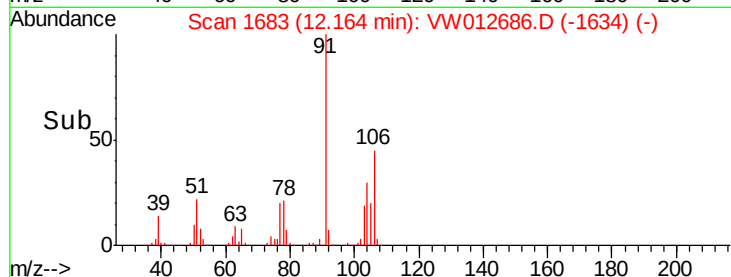
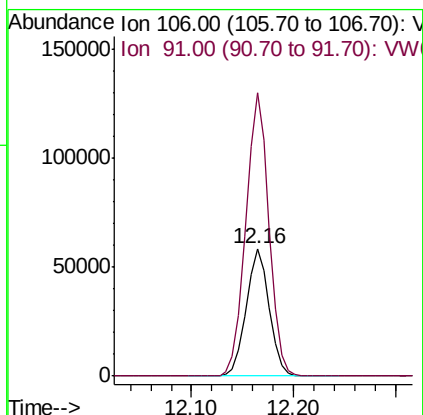
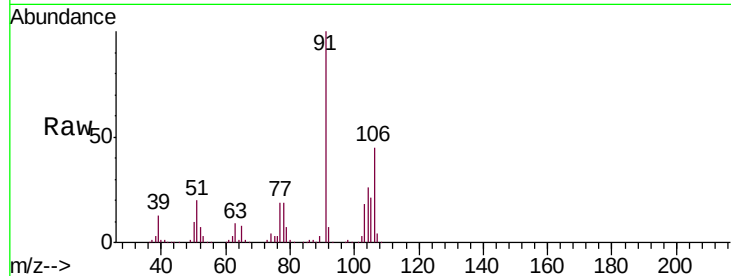




#69
o-Xylene
Concen: 23.540 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

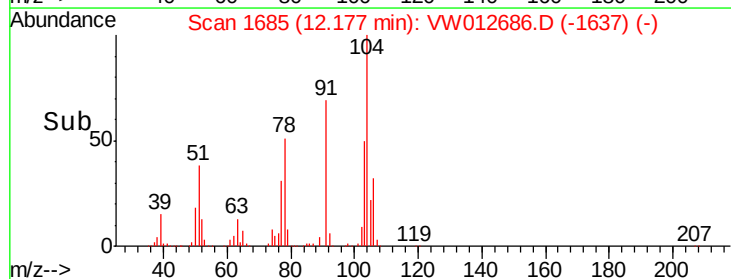
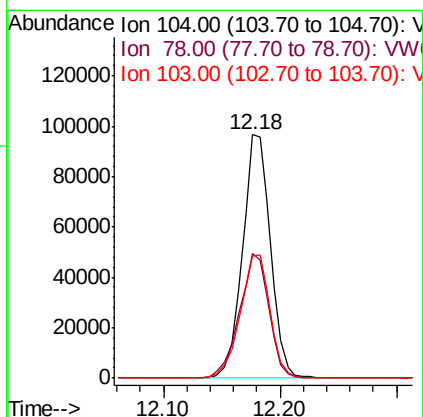
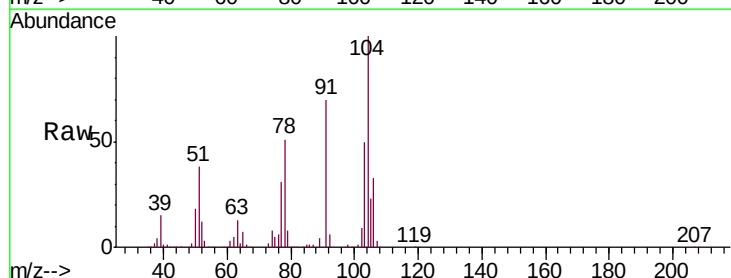
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

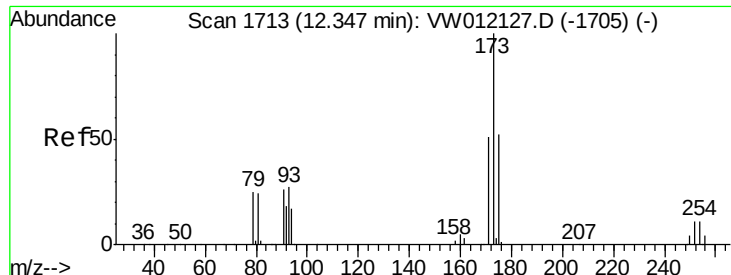
Tgt Ion:106 Resp: 91844
Ion Ratio Lower Upper
106 100
91 222.7 111.6 334.6



#70
Styrene
Concen: 23.892 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion:104 Resp: 161353
Ion Ratio Lower Upper
104 100
78 54.1 43.1 64.7
103 54.0 43.5 65.3





#71

Bromoform

Concen: 24.201 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

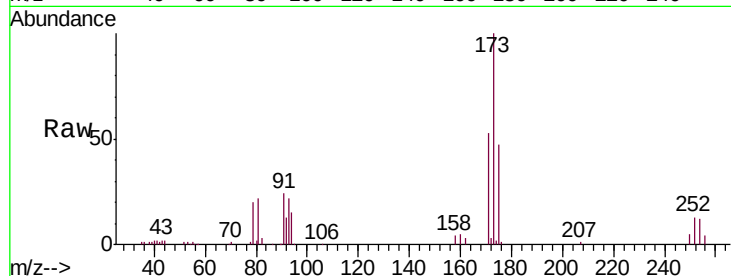
Tgt Ion:173 Resp: 25556

Ion Ratio Lower Upper

173 100

175 48.9 24.6 74.0

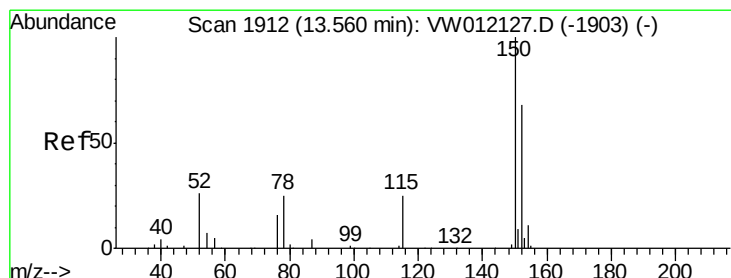
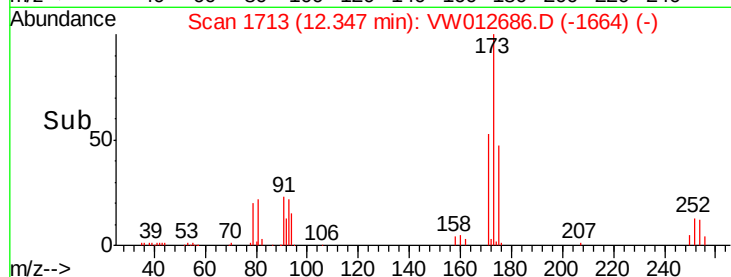
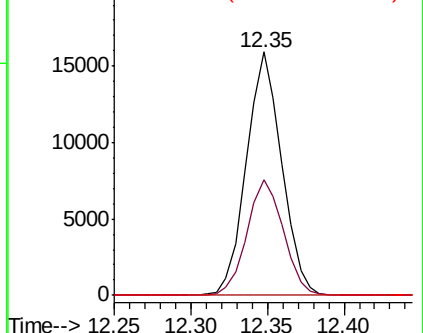
254 0.0 0.2 0.2#



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

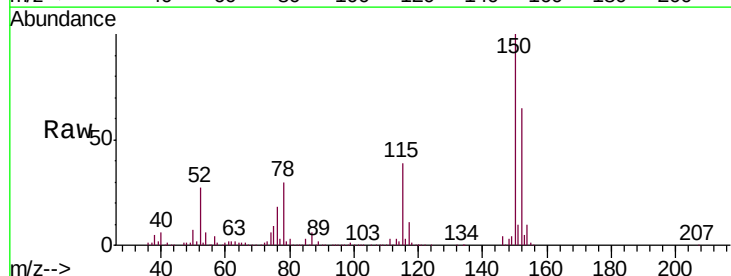
Tgt Ion:152 Resp: 150687

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

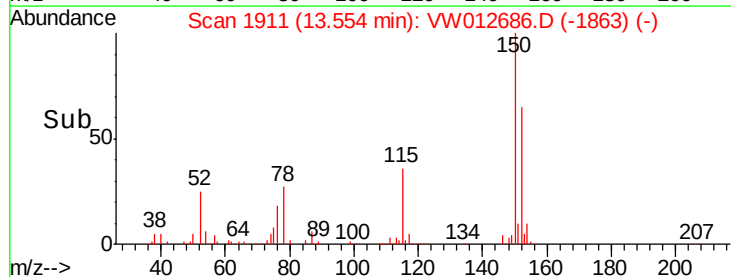
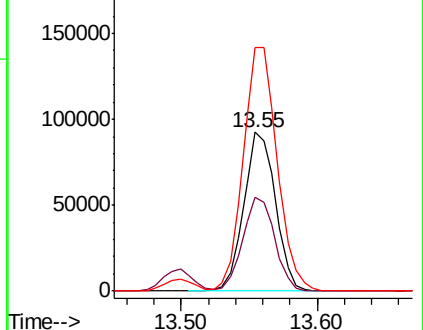
150 164.1 0.0 345.8

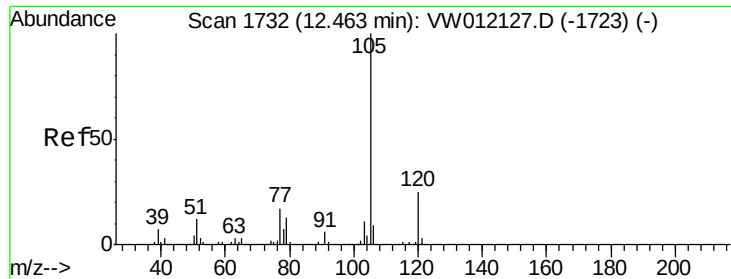


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.178 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

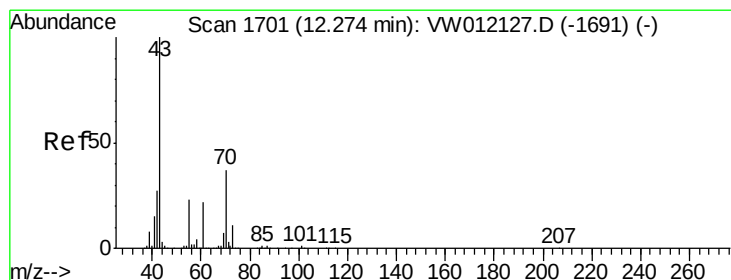
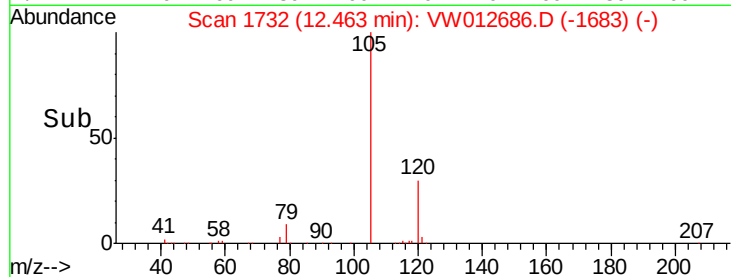
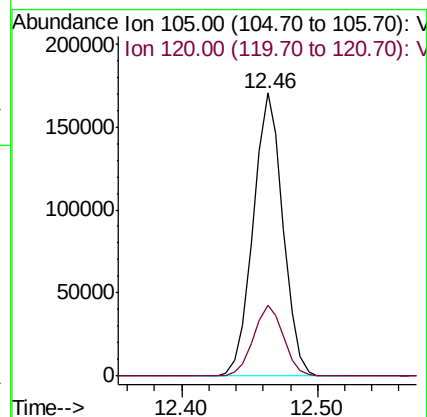
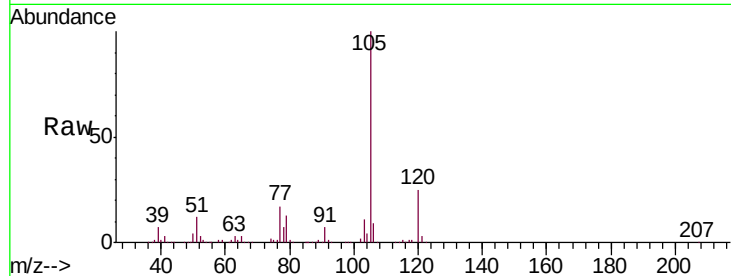
VW0906SBS02

Tgt Ion:105 Resp: 261711

Ion Ratio Lower Upper

105 100

120 25.3 12.5 37.5



#74

N-ethyl acetate

Concen: 21.232 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Tgt Ion: 43 Resp: 72430

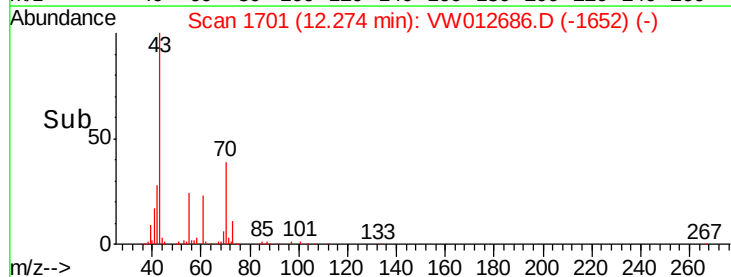
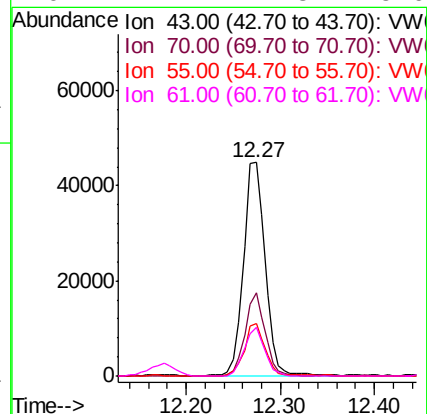
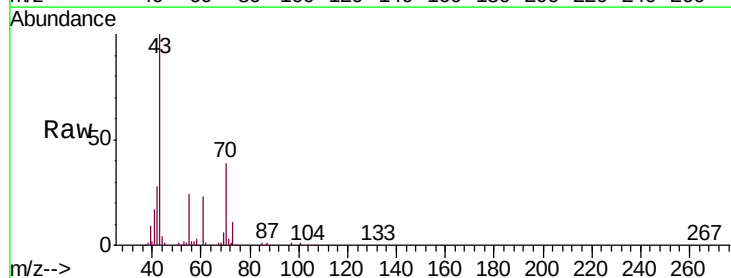
Ion Ratio Lower Upper

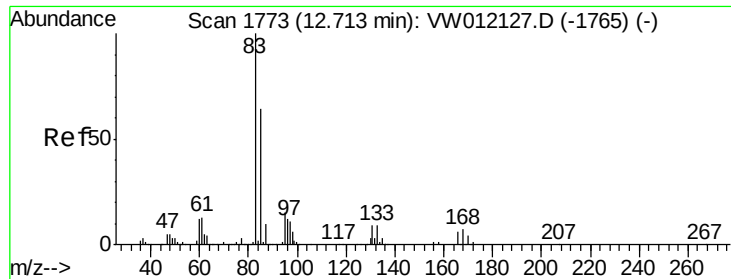
43 100

70 35.8 28.6 43.0

55 23.7 17.8 26.6

61 21.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.970 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

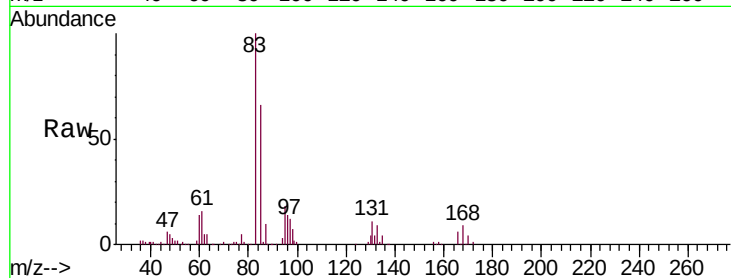
Tgt Ion: 83 Resp: 45478

Ion Ratio Lower Upper

83 100

131 11.0 4.9 14.7

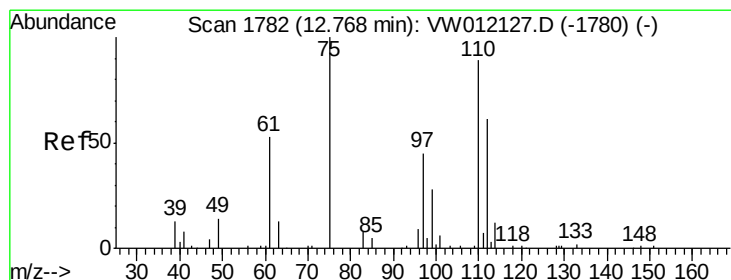
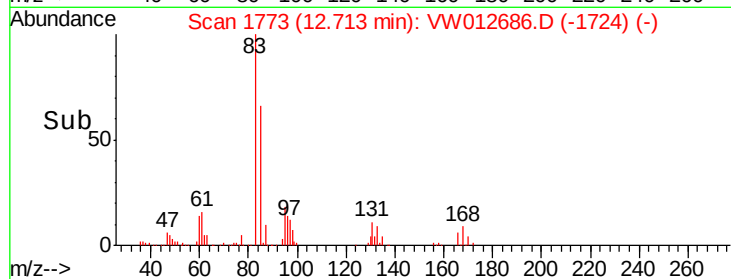
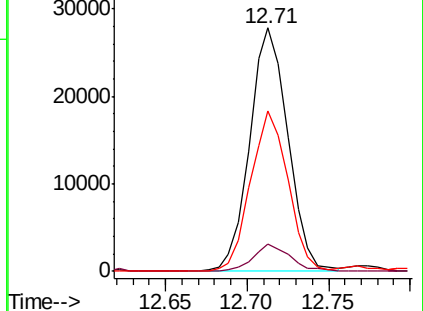
85 64.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 41.951 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012686.D

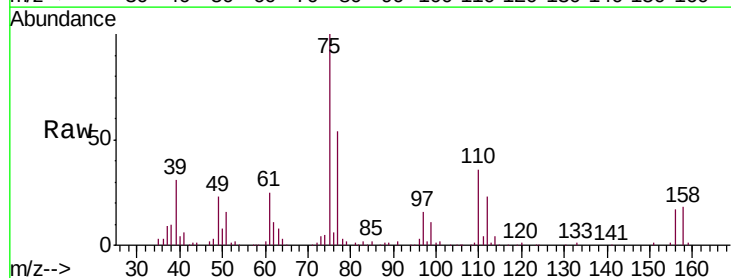
Acq: 06 Sep 2019 12:58

Tgt Ion: 75 Resp: 61567

Ion Ratio Lower Upper

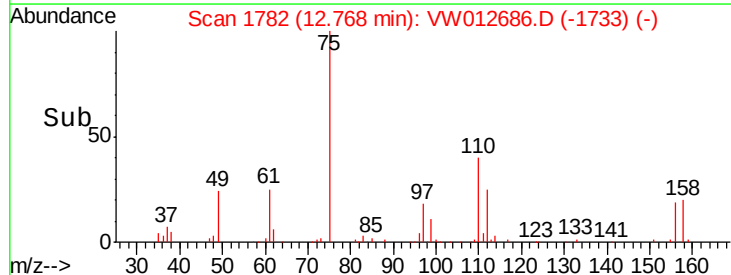
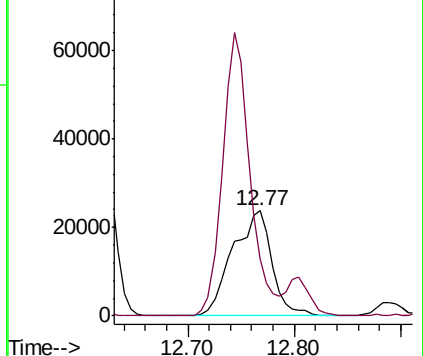
75 100

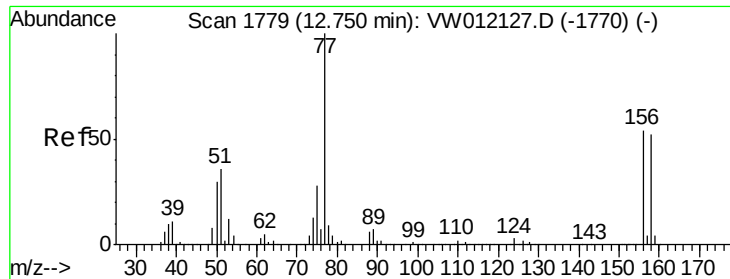
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 23.706 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

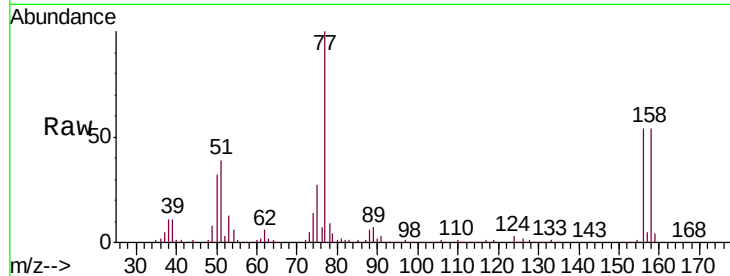
Tgt Ion:156 Resp: 57908

Ion Ratio Lower Upper

156 100

77 199.8 107.3 321.8

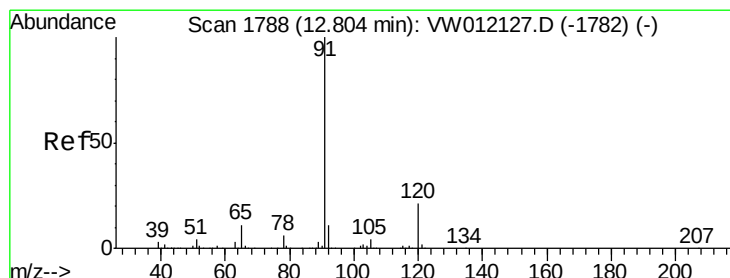
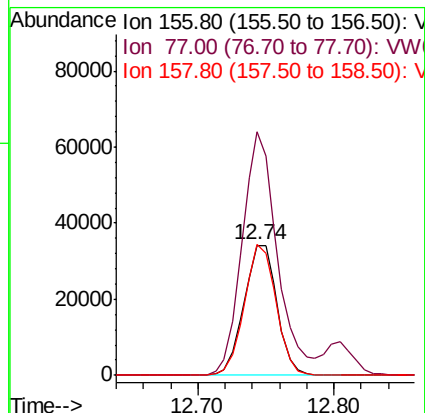
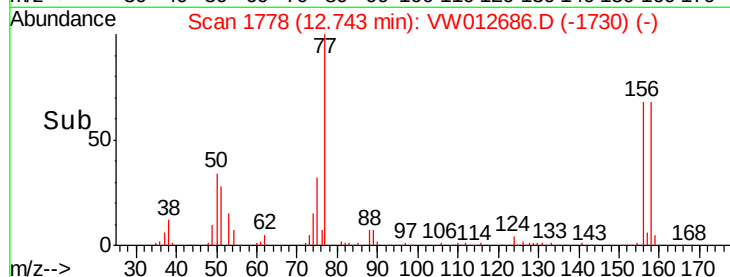
158 97.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.053 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012686.D

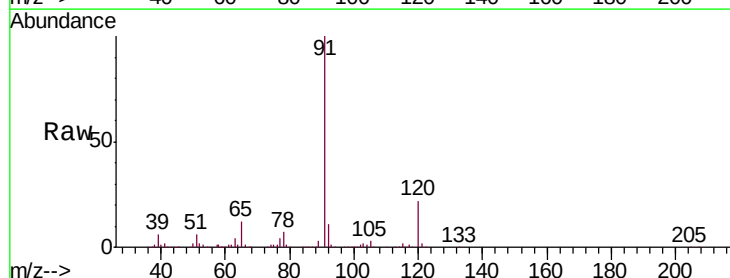
Acq: 06 Sep 2019 12:58

Tgt Ion: 91 Resp: 317771

Ion Ratio Lower Upper

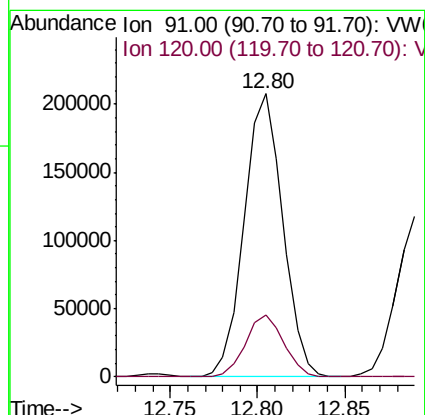
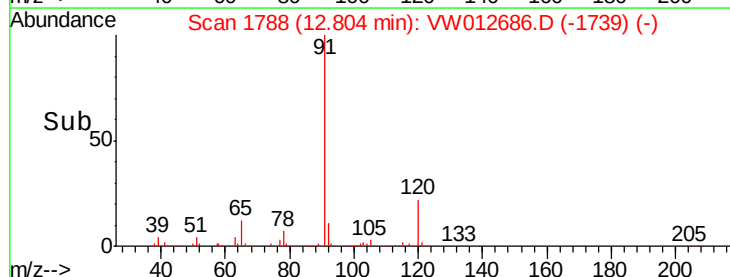
91 100

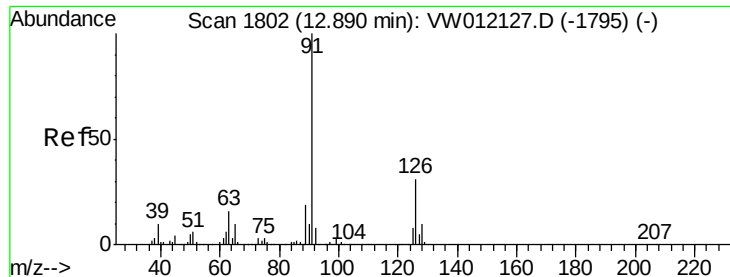
120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

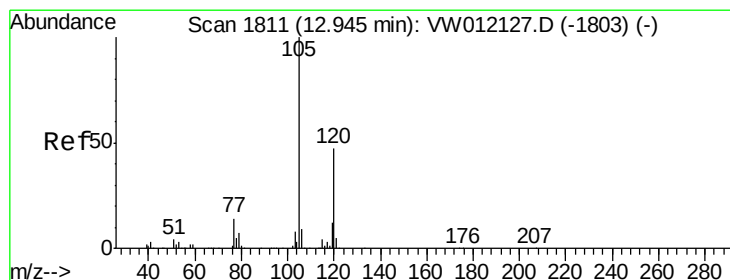
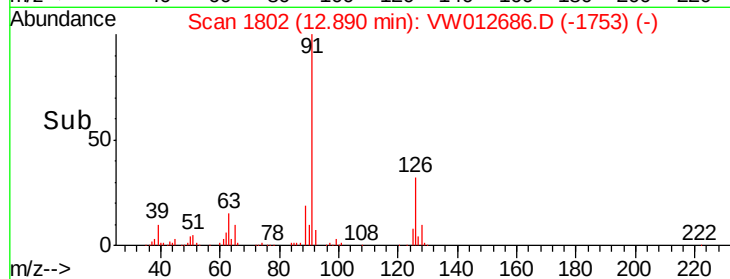
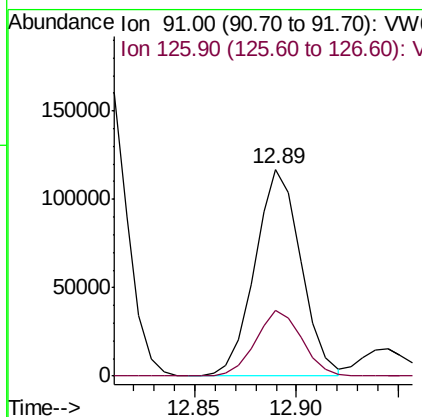
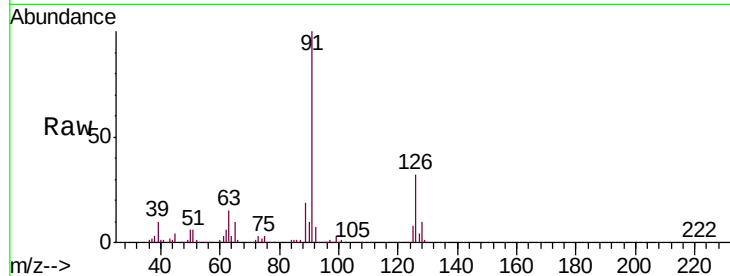




#79
 2-Chlorotoluene
 Concen: 23.478 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

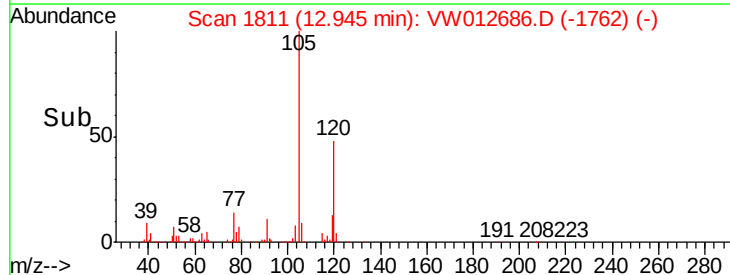
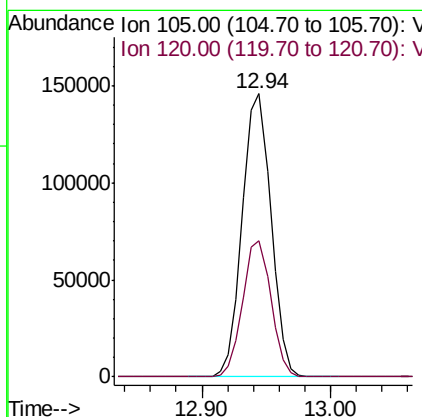
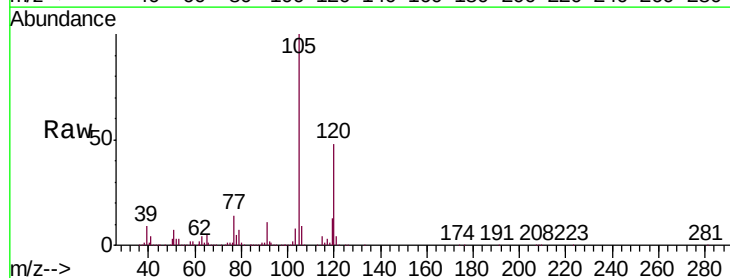
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

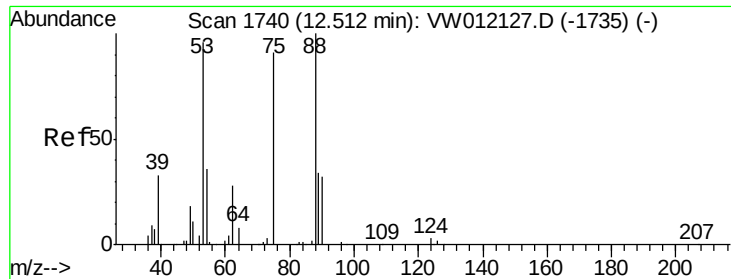
Tgt Ion: 91 Resp: 183736
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 23.882 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 105 Resp: 225323
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 22.205 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS02

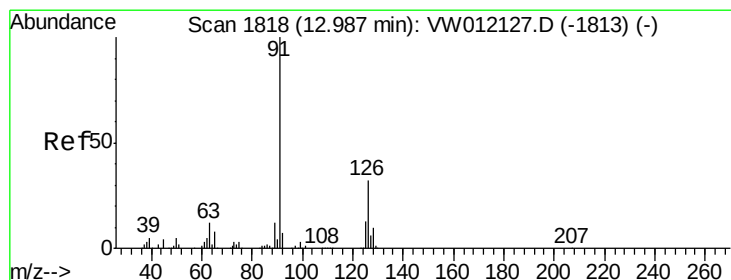
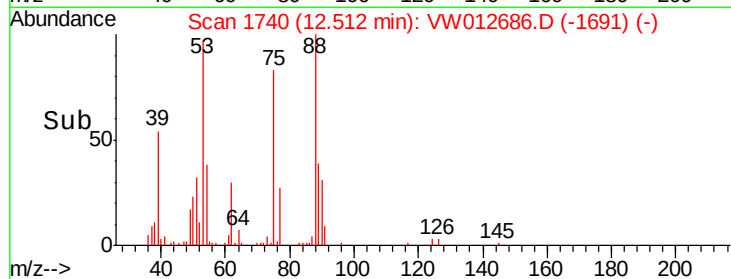
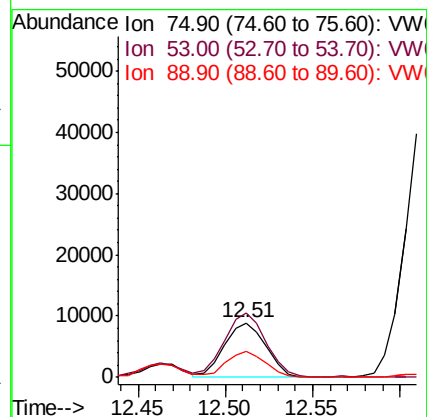
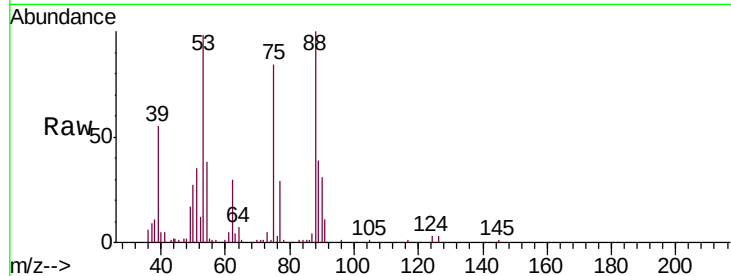
Tgt Ion: 75 Resp: 14863

Ion Ratio Lower Upper

75 100

53 115.5 89.4 134.0

89 43.5 34.5 51.7



#82

4-Chlorotoluene

Concen: 21.016 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012686.D

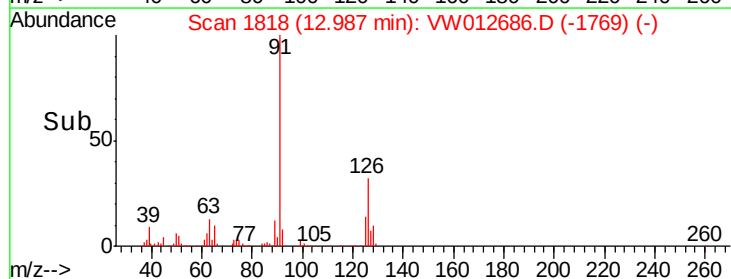
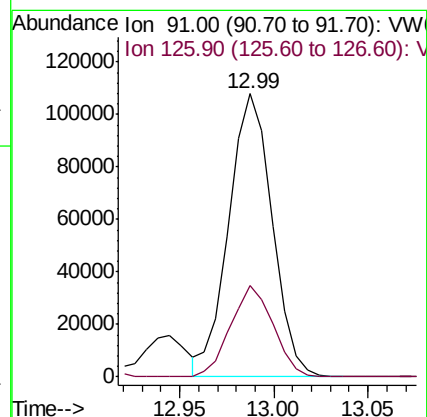
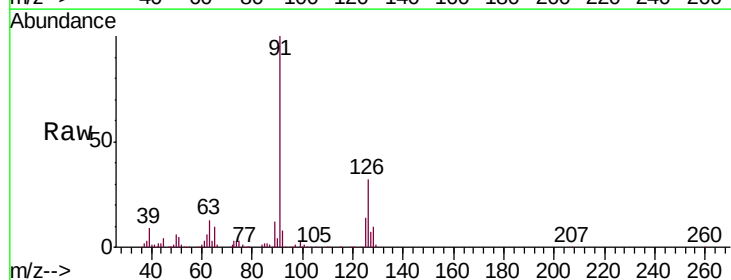
Acq: 06 Sep 2019 12:58

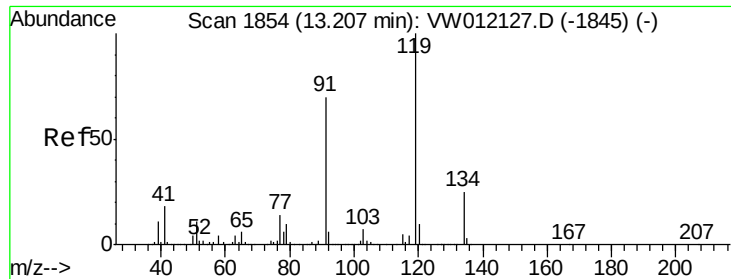
Tgt Ion: 91 Resp: 172215

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.8

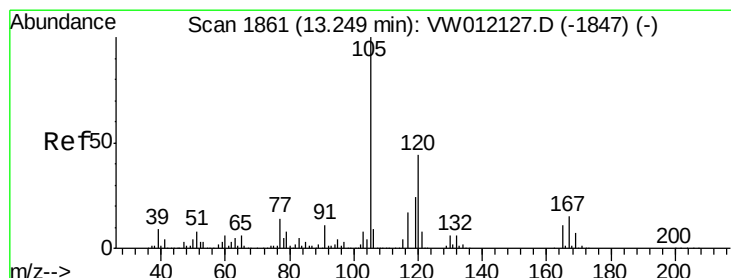
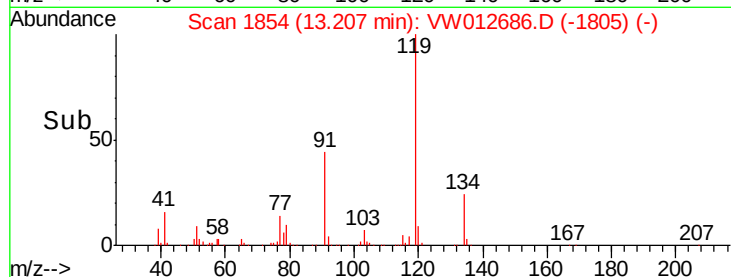
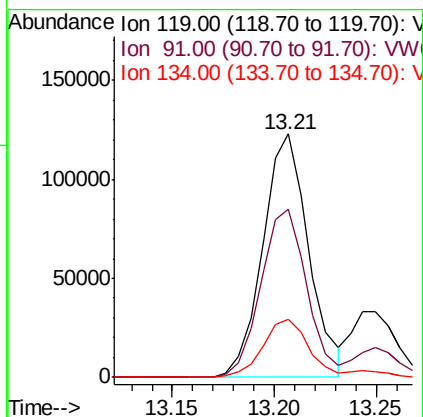
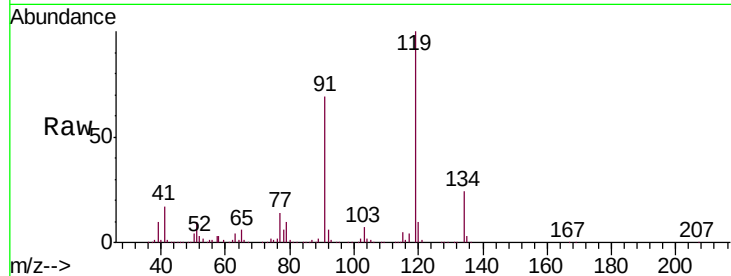




#83
 tert-Butylbenzene
 Concen: 24.104 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

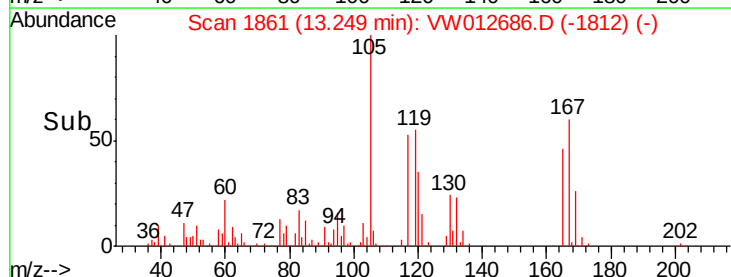
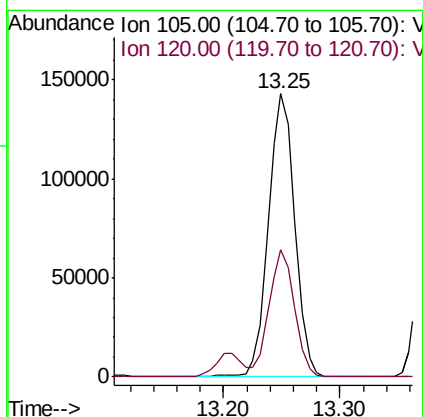
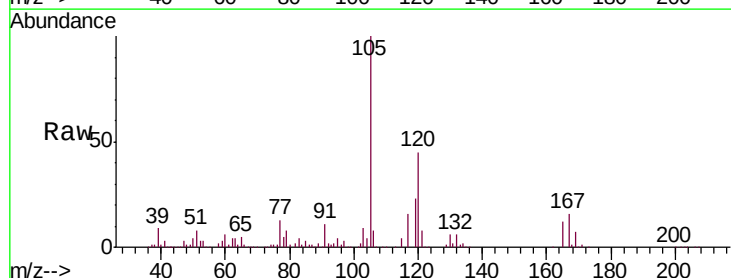
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

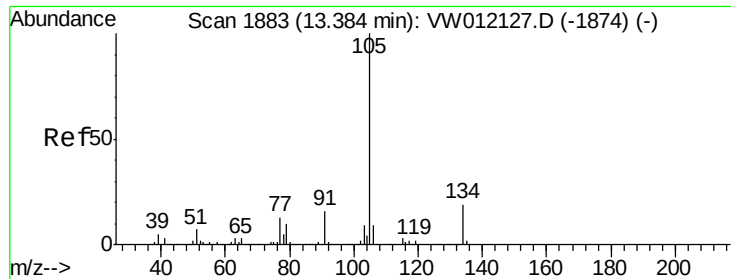
Tgt Ion:119 Resp: 192646
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.8 104.3
 134 24.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 23.795 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion:105 Resp: 225518
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.7





#85

sec-Butylbenzene

Concen: 23.561 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

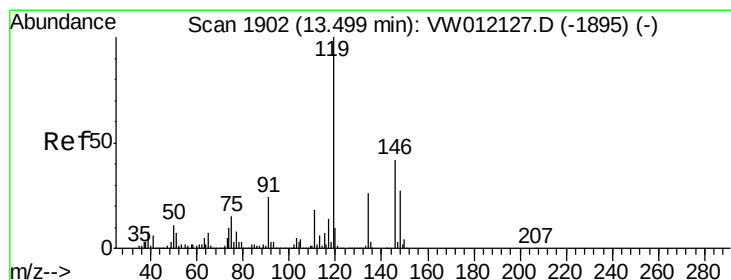
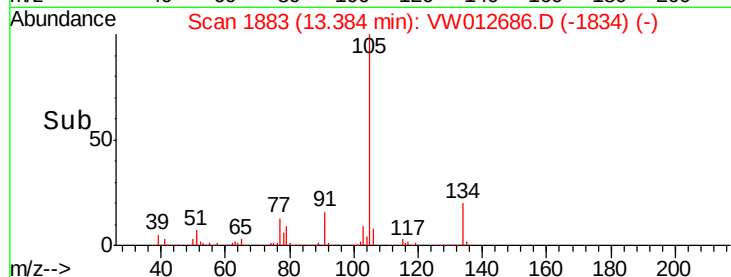
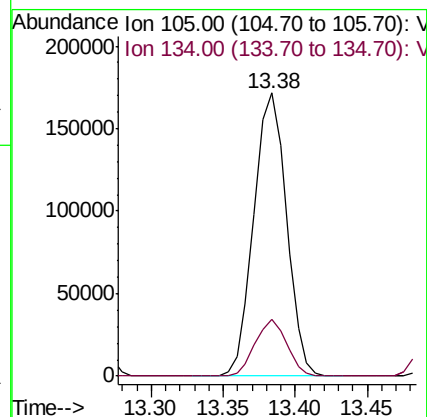
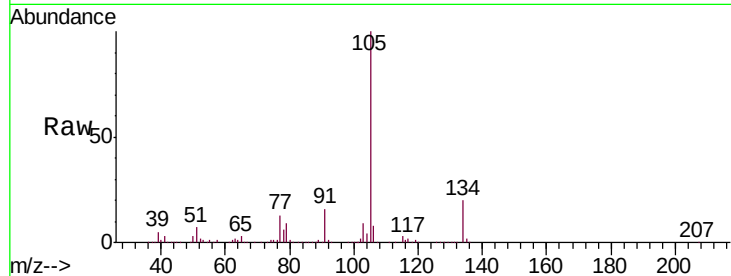
VW0906SBS02

Tgt Ion:105 Resp: 269776

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 23.750 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

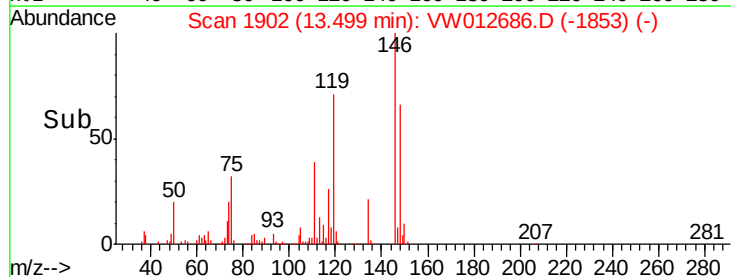
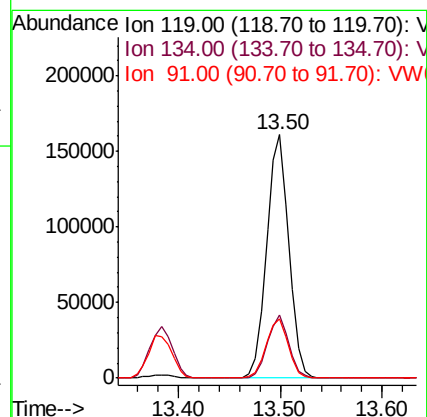
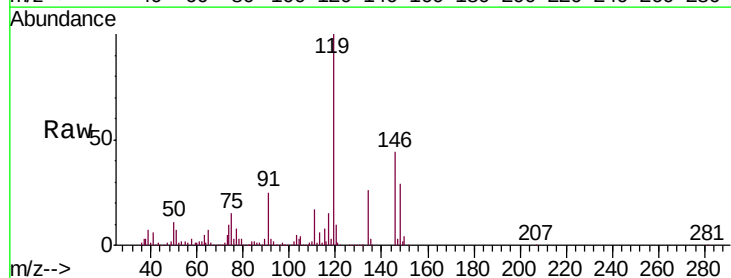
Tgt Ion:119 Resp: 242861

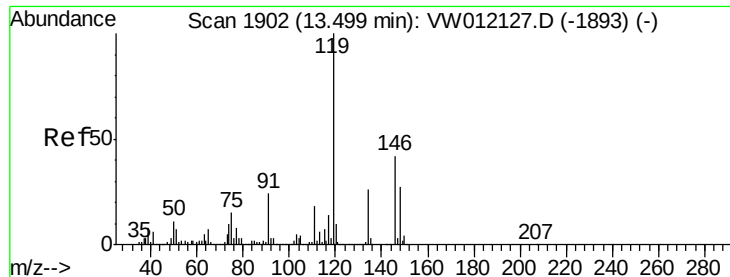
Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.3

91 24.1 12.3 36.9

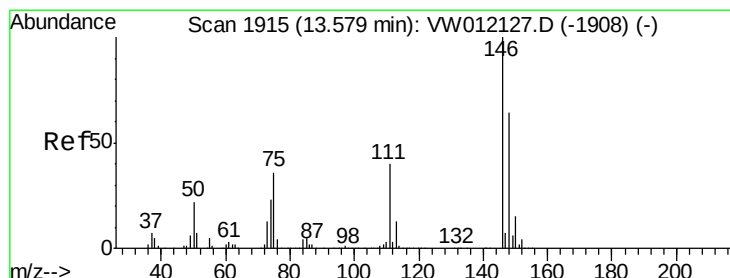
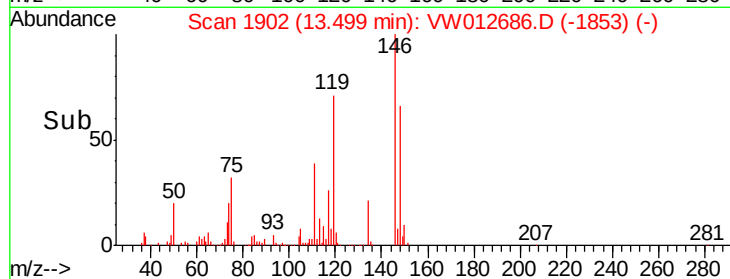
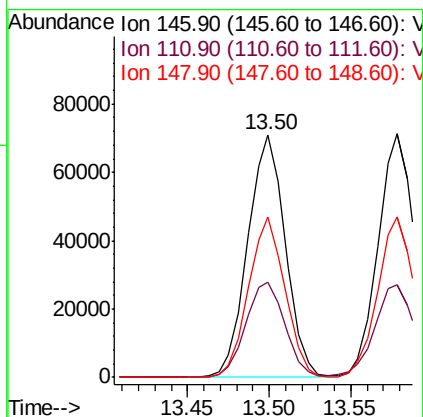
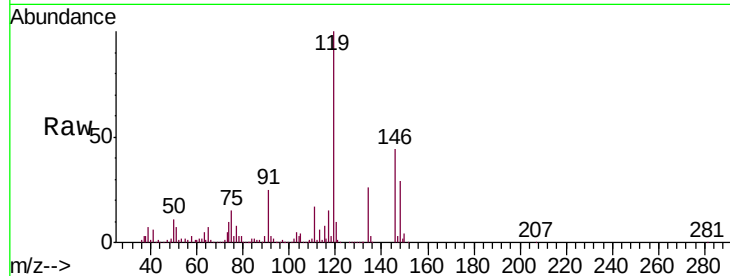




#87
 1,3-Dichlorobenzene
 Concen: 23.800 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

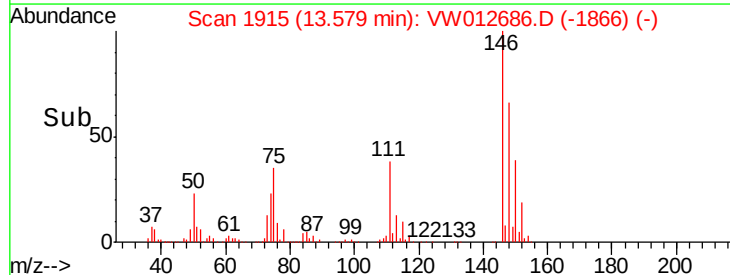
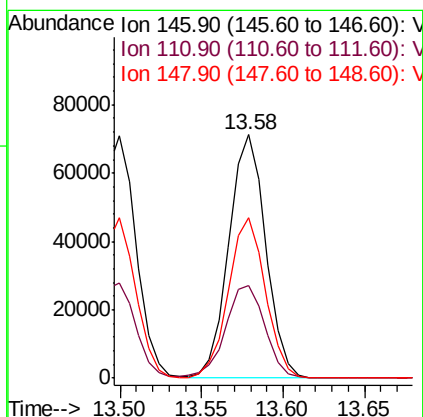
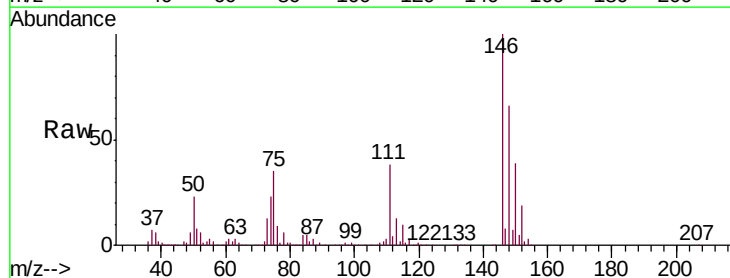
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

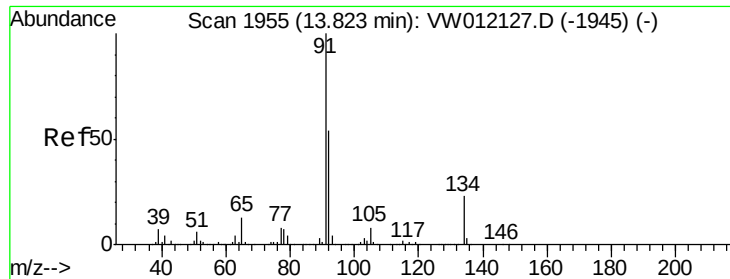
Tgt Ion:146 Resp: 113714
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.9 62.7
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 23.655 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion:146 Resp: 112222
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 60.0
 148 66.0 32.1 96.3





#89

n-Butylbenzene

Concen: 23.500 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

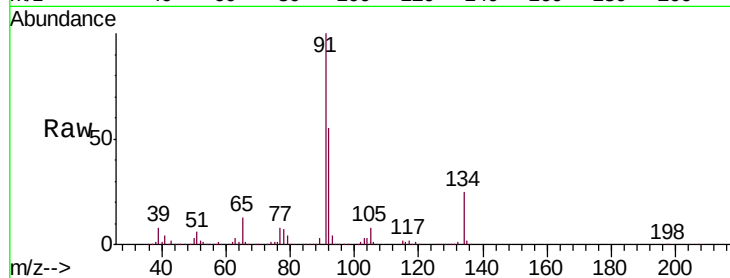
Tgt Ion: 91 Resp: 238965

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

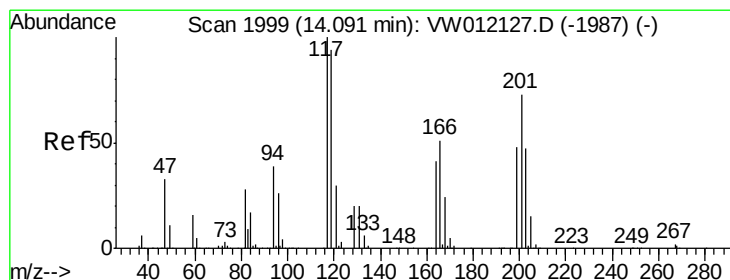
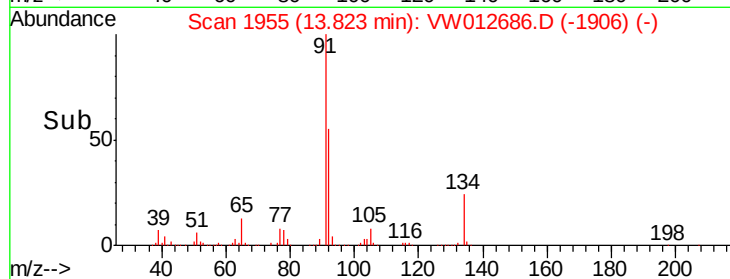
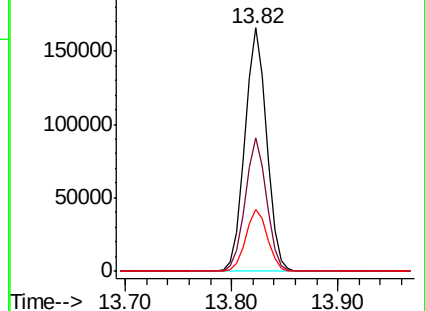
134 25.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 23.689 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012686.D

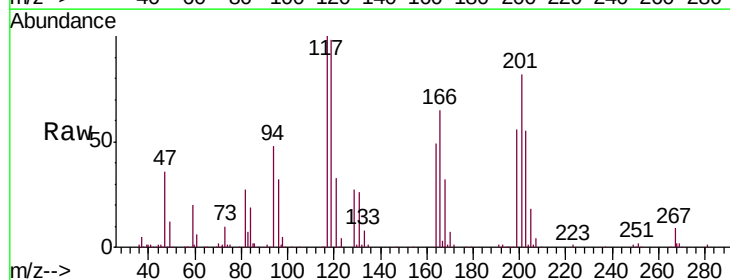
Acq: 06 Sep 2019 12:58

Tgt Ion: 117 Resp: 42499

Ion Ratio Lower Upper

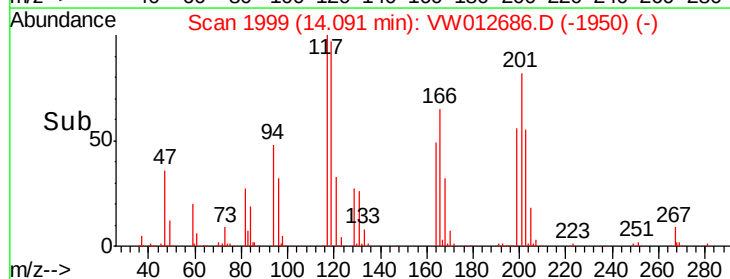
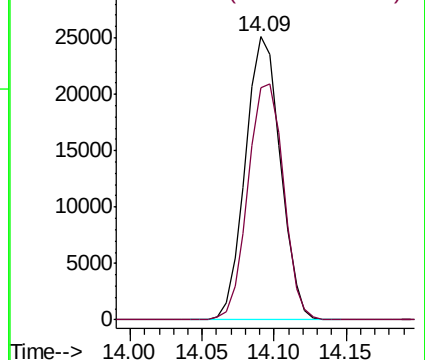
117 100

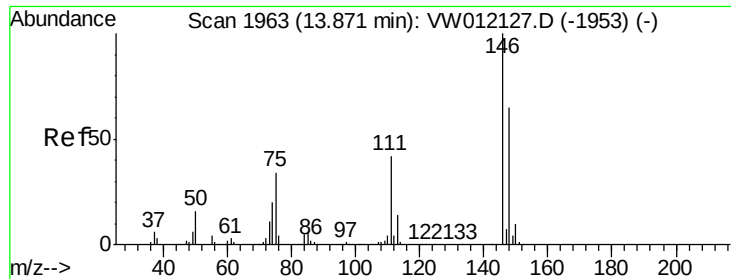
201 84.0 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

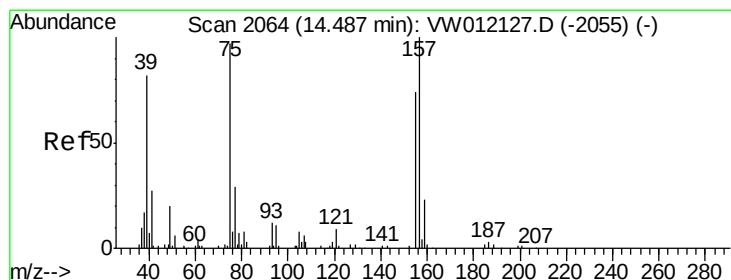
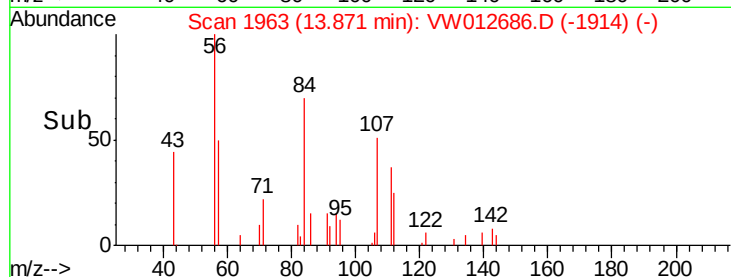
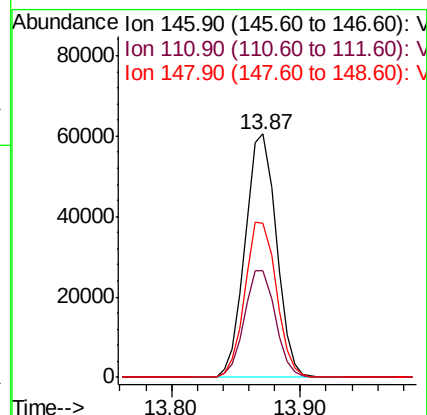
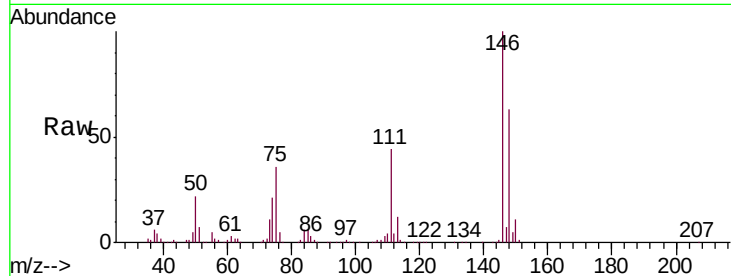




#91
 1,2-Dichlorobenzene
 Concen: 24.183 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

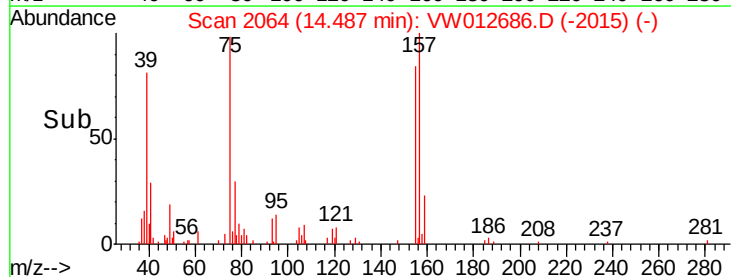
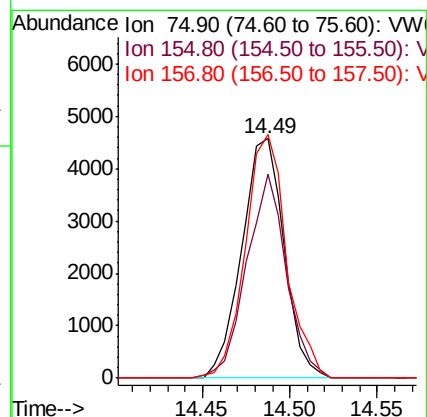
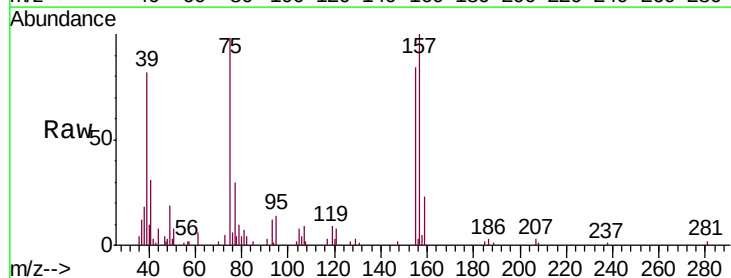
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

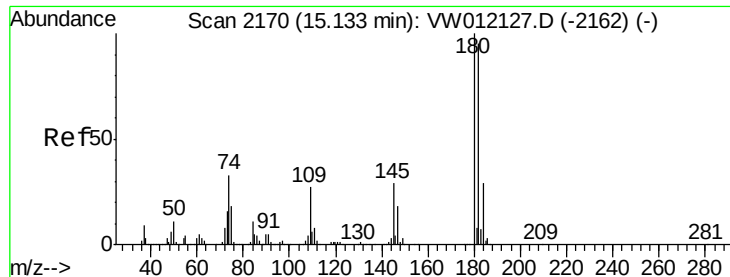
Tgt Ion: 146 Resp: 101362
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.2 63.6
 148 64.1 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.013 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 75 Resp: 7682
 Ion Ratio Lower Upper
 75 100
 155 80.0 37.5 112.3
 157 99.3 50.5 151.5

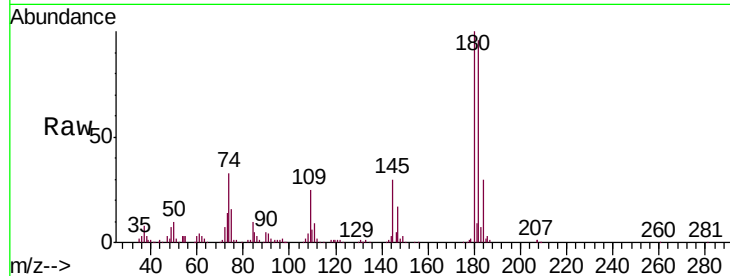




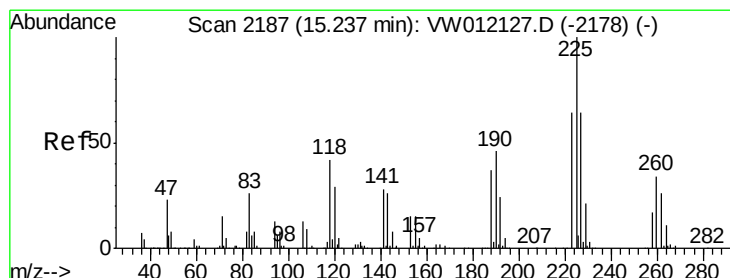
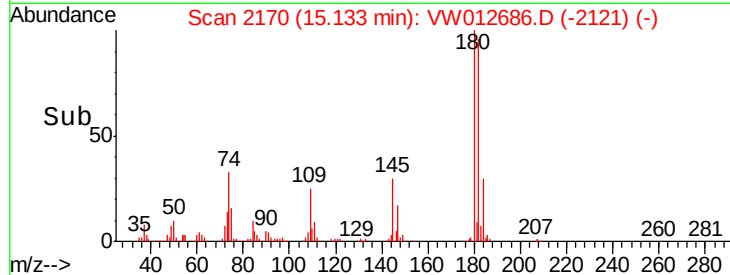
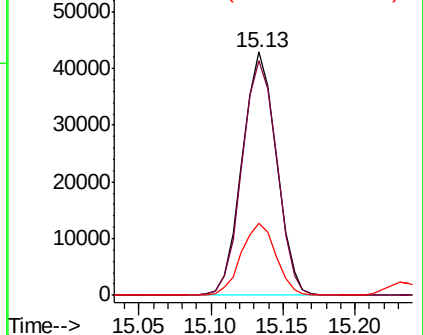
#93
 1,2,4-Trichlorobenzene
 Concen: 24.453 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion:180 Resp: 70829
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.8 143.4
 145 30.1 15.0 45.1

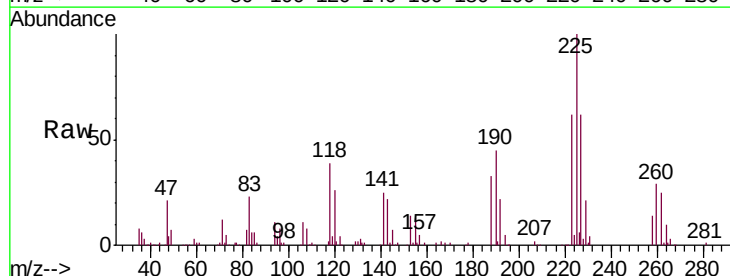


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

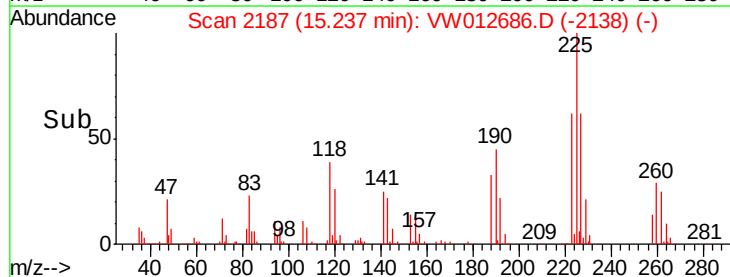
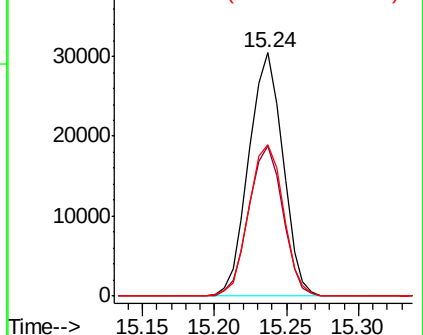


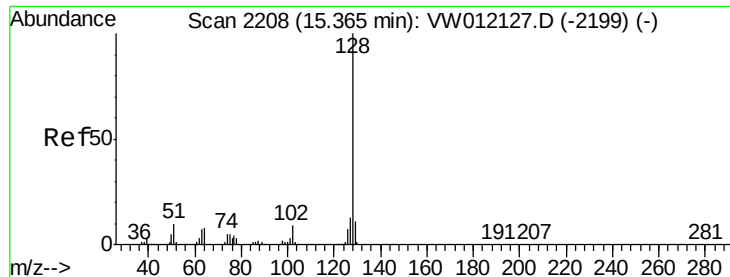
#94
 Hexachlorobutadiene
 Concen: 26.103 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion:225 Resp: 49925
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.3 96.8
 227 63.3 32.9 98.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

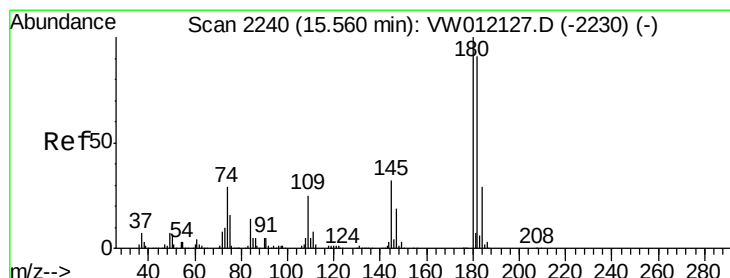
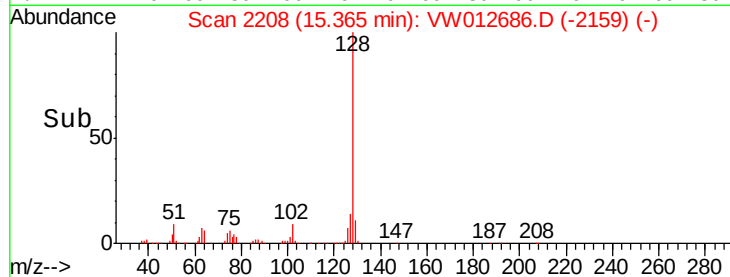
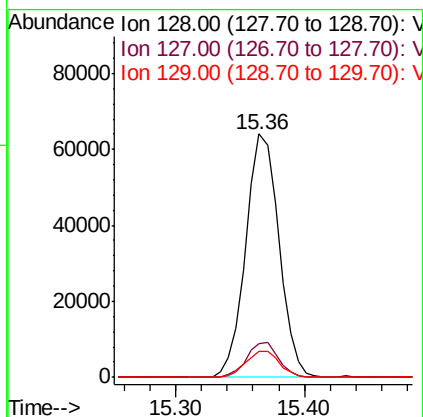
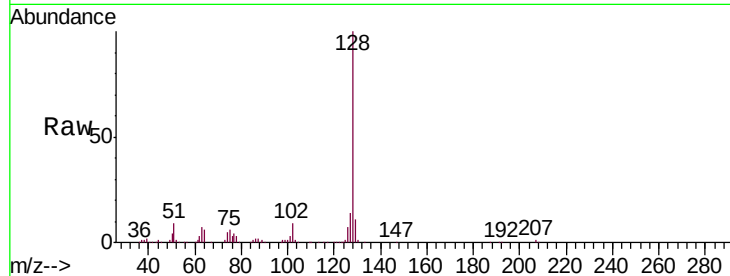




#95
Naphthalene
Concen: 22.717 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion:128 Resp: 114448
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 24.646 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion:180 Resp: 62284
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.3
145 31.6 16.2 48.5

