

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032919\
 Data File : VW009577.D
 Acq On : 29 Mar 2019 17:47
 Operator : SY/VA
 Sample : VW0329SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

Quant Time: Mar 30 04:27:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	172168	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	7.88	113	143016	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	10.32	98	522434	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.62	95	199107	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33464	18.350	ug/l	97
3) Chloromethane	2.21	50	44952	19.426	ug/l	98
4) Vinyl Chloride	2.37	62	60301	19.512	ug/l	96
5) Bromomethane	2.77	94	47135	19.769	ug/l	99
6) Chloroethane	2.92	64	45279	19.784	ug/l	98
7) Trichlorofluoromethane	3.25	101	37231	17.632	ug/l	97
8) Diethyl Ether	3.67	74	29380	20.721	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57119	20.161	ug/l	95
10) Methyl Iodide	4.27	142	75543	19.542	ug/l	97
11) Tert butyl alcohol	5.18	59	20966	115.120	ug/l #	70
12) 1,1-Dichloroethene	4.03	96	52336	19.740	ug/l	91
13) Acrolein	3.88	56	13231	99.050	ug/l	91
14) Allyl chloride	4.66	41	73755	17.393	ug/l	97
15) Acrylonitrile	5.37	53	67328	103.886	ug/l	98
16) Acetone	4.12	43	72393	102.506	ug/l	98
17) Carbon Disulfide	4.37	76	145796	19.326	ug/l	97
18) Methyl Acetate	4.67	43	33820	19.811	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	72399	19.634	ug/l	99
20) Methylene Chloride	4.92	84	71443	23.749	ug/l #	92
21) trans-1,2-Dichloroethene	5.41	96	55133	19.586	ug/l	91
22) Diisopropyl ether	6.31	45	182273	19.903	ug/l	100
23) Vinyl Acetate	6.25	43	603845	105.692	ug/l	99
24) 1,1-Dichloroethane	6.21	63	108001	19.593	ug/l	97
25) 2-Butanone	7.17	43	107356	110.004	ug/l	97
26) 2,2-Dichloropropane	7.17	77	58563	18.583	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	60813	19.781	ug/l	96
28) Bromochloromethane	7.51	49	50732	21.240	ug/l #	94
29) Tetrahydrofuran	7.52	42	68580	113.170	ug/l	99
30) Chloroform	7.67	83	114021	19.972	ug/l	100
31) Cyclohexane	7.95	56	96485	18.671	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	86826	18.786	ug/l	99
36) 1,1-Dichloropropene	8.07	75	84693	18.913	ug/l	99
37) Ethyl Acetate	7.25	43	47215	22.193	ug/l	99
38) Carbon Tetrachloride	8.06	117	88008	19.180	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95814	18.731	ug/l	96
40) Benzene	8.32	78	238210	19.639	ug/l	98
41) Methacrylonitrile	7.48	41	26358	21.454	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	83784	20.261	ug/l	99
43) Isopropyl Acetate	8.43	43	87993	21.104	ug/l	100
44) Trichloroethene	9.09	130	61495	19.583	ug/l	95
45) 1,2-Dichloropropane	9.37	63	60865	19.604	ug/l	94
46) Dibromomethane	9.46	93	35333	21.008	ug/l	96
47) Bromodichloromethane	9.64	83	85117	19.840	ug/l	96
48) Methyl methacrylate	9.43	41	40624	20.785	ug/l	99
49) 1,4-Dioxane	9.44	88	11301	451.197	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	243175	109.007	ug/l	99
52) Toluene	10.38	92	146005	19.221	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	81271	19.346	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91387	19.620	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	47798	21.025	ug/l	97
56) Ethyl methacrylate	10.65	69	56642	20.420	ug/l	94
57) 1,3-Dichloropropane	10.93	76	80848	20.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	142588	104.604	ug/l	100
59) 2-Hexanone	10.97	43	168140	108.906	ug/l	98
60) Dibromochloromethane	11.13	129	55672	20.281	ug/l	97
61) 1,2-Dibromoethane	11.23	107	45561	20.899	ug/l	98
64) Tetrachloroethene	10.86	164	53069	19.061	ug/l	94
65) Chlorobenzene	11.66	112	164926	19.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	61389	19.509	ug/l	99
67) Ethyl Benzene	11.73	91	284005	18.666	ug/l	99
68) m/p-Xylenes	11.84	106	222810	38.566	ug/l	99
69) o-Xylene	12.16	106	100354	18.652	ug/l	97
70) Styrene	12.18	104	170319	18.952	ug/l	100
71) Bromoform	12.35	173	34224	20.210	ug/l #	100
73) Isopropylbenzene	12.46	105	290879	18.298	ug/l	99
74) N-amyl acetate	12.27	43	86263	20.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	61519	20.464	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	80348	37.405	ug/l #	100
77) Bromobenzene	12.75	156	70104	19.150	ug/l	99
78) n-propylbenzene	12.80	91	360610	18.397	ug/l	100
79) 2-Chlorotoluene	12.89	91	204546	18.362	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	249273	18.620	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	18091	19.585	ug/l	95
82) 4-Chlorotoluene	12.99	91	216664	18.481	ug/l	100
83) tert-Butylbenzene	13.21	119	212081	18.610	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	259137	18.829	ug/l	100
85) sec-Butylbenzene	13.38	105	317351	18.458	ug/l	99
86) p-Isopropyltoluene	13.50	119	278211	18.604	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	143991	19.050	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147222	19.501	ug/l	99
89) n-Butylbenzene	13.83	91	271942	18.423	ug/l	99
90) Hexachloroethane	14.10	117	53540	18.697	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	130290	19.277	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11533	21.015	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration

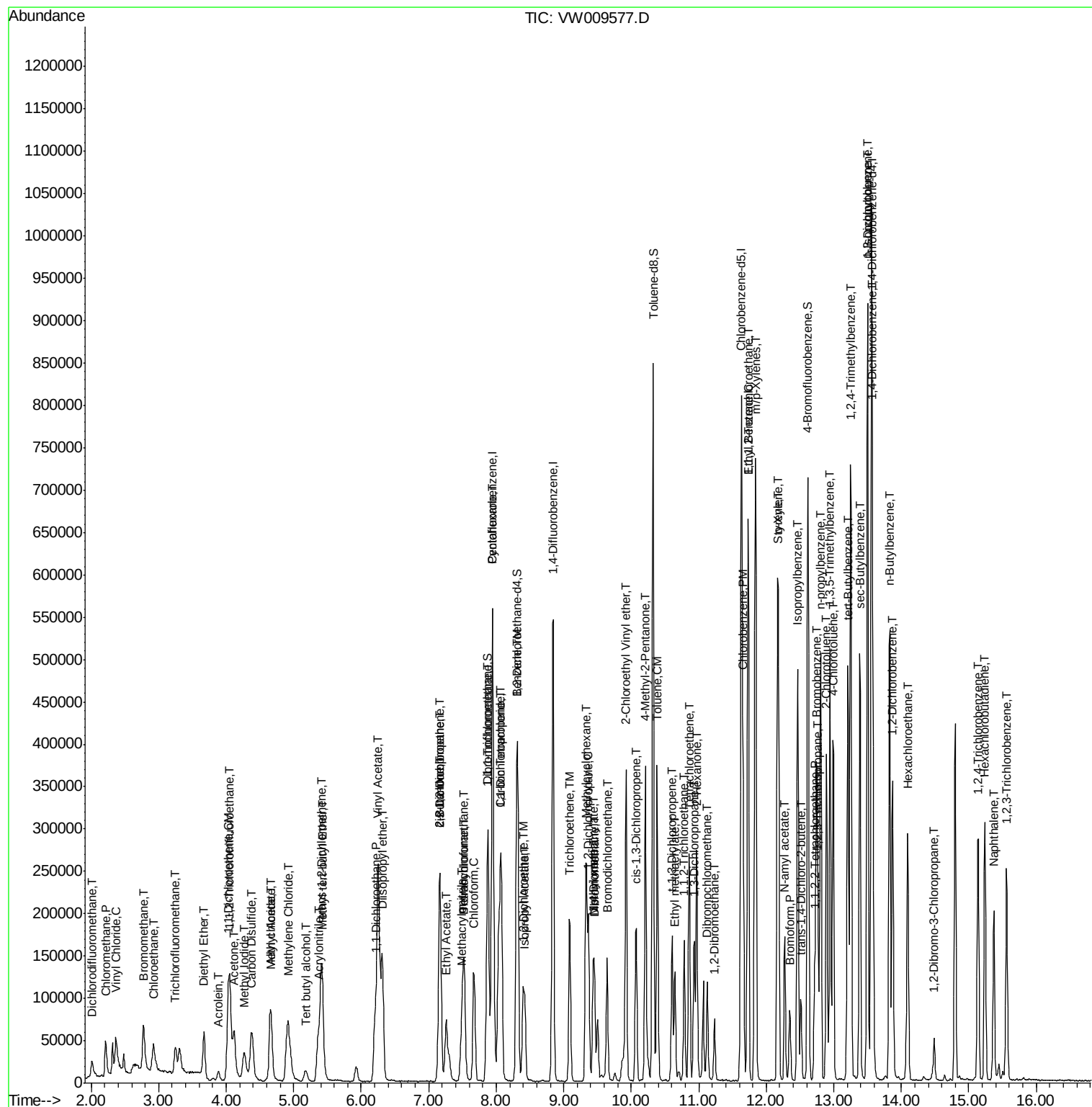
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	86835	19.949	ug/l	99
94) Hexachlorobutadiene	15.24	225	52592	18.814	ug/l	99
95) Naphthalene	15.37	128	162056	20.043	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	77808	20.008	ug/l	96

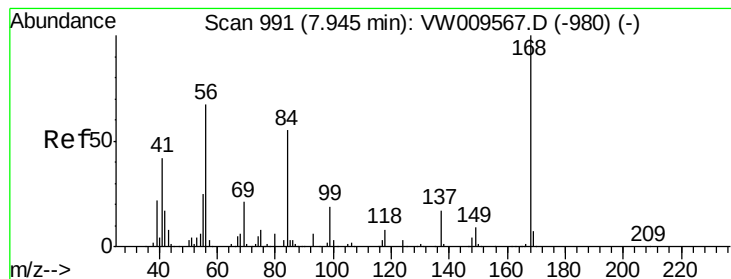
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

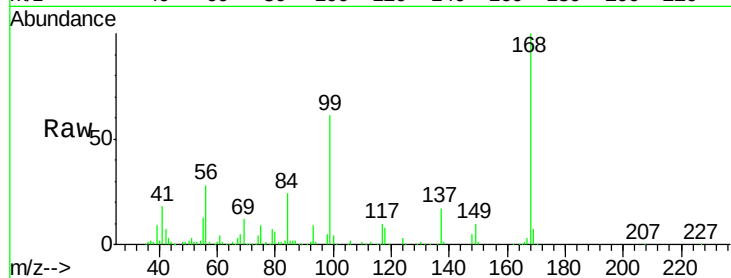
VW0329SBSD01

Tgt Ion:168 Resp: 274685

Ion Ratio Lower Upper

168 100

99 60.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

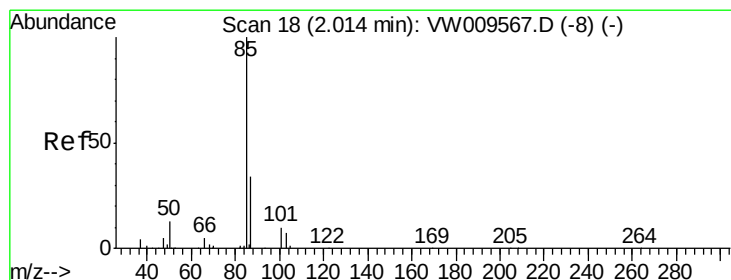
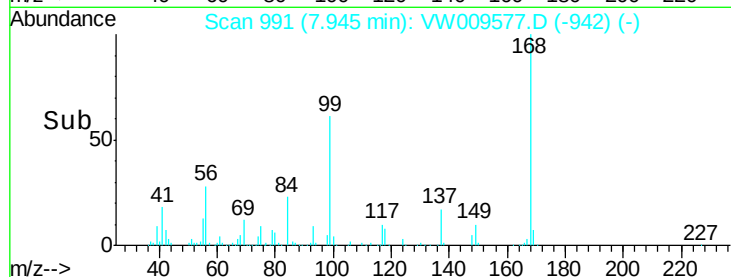
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 18.350 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009577.D

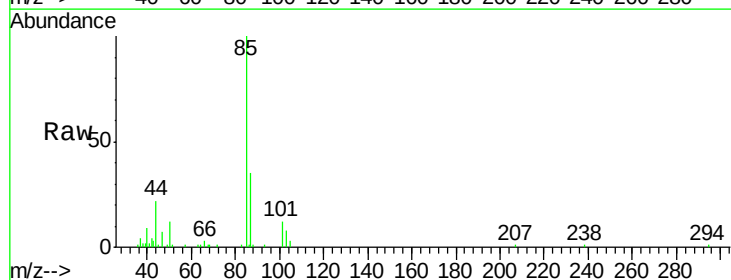
Acq: 29 Mar 2019 17:47

Tgt Ion: 85 Resp: 33464

Ion Ratio Lower Upper

85 100

87 34.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

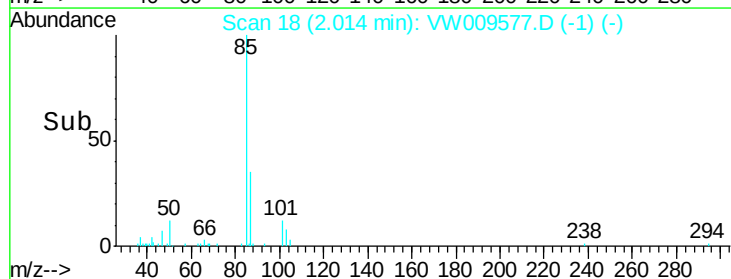
4000

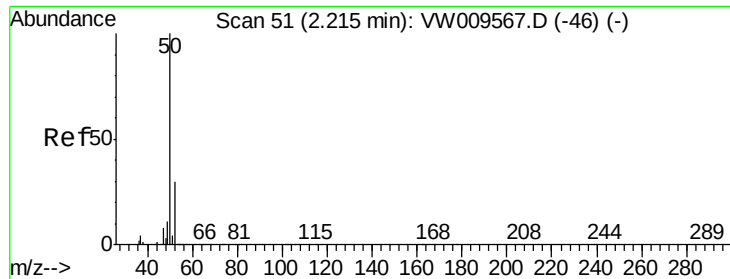
2000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.426 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

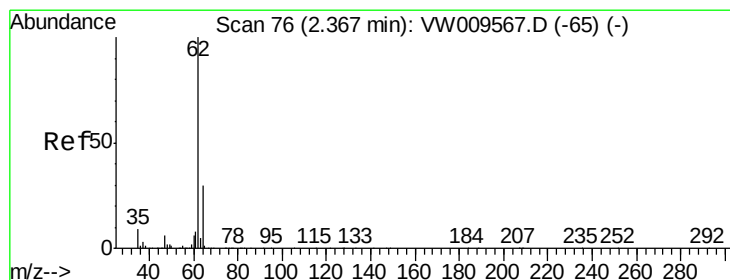
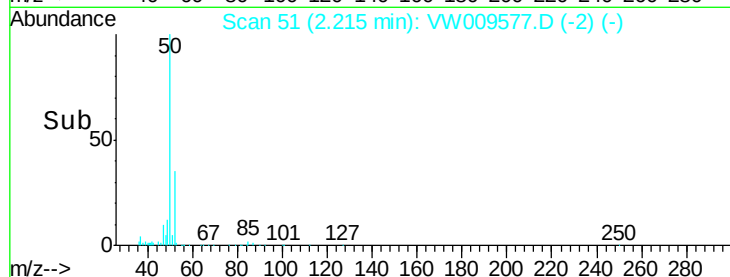
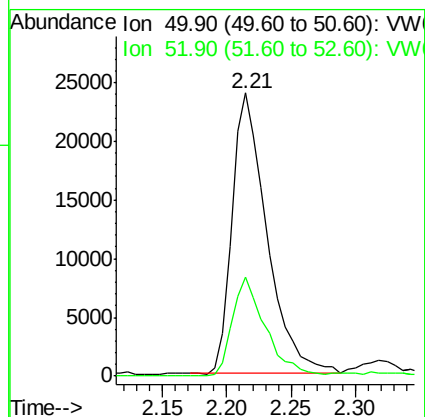
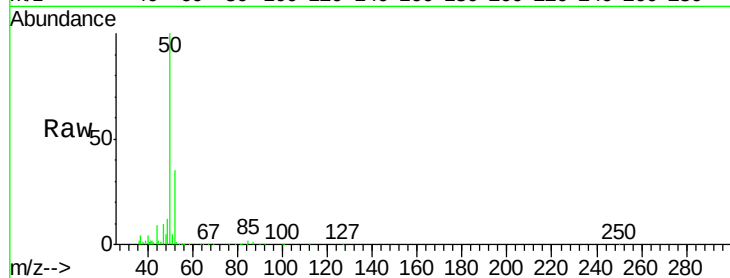
VW0329SBSD01

Tgt Ion: 50 Resp: 44952

Ion Ratio Lower Upper

50 100

52 35.1 27.2 40.8



#4

Vinyl Chloride

Concen: 19.512 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW009577.D

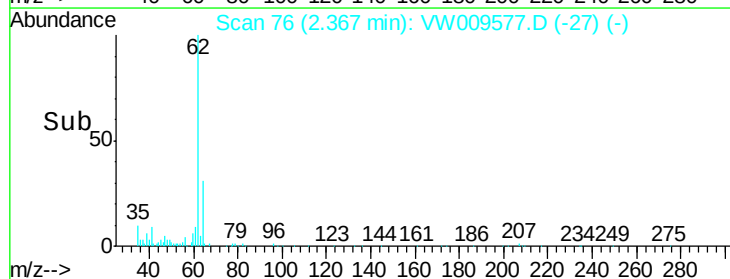
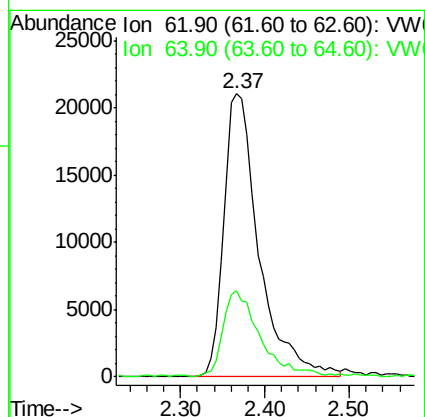
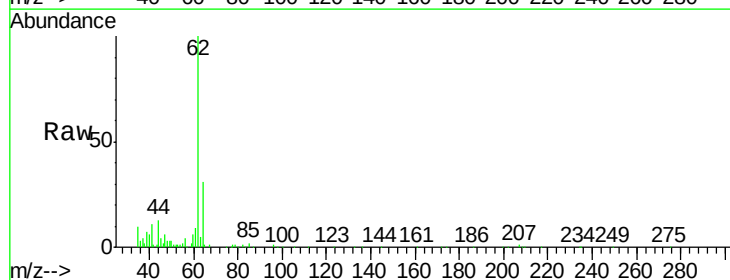
Acq: 29 Mar 2019 17:47

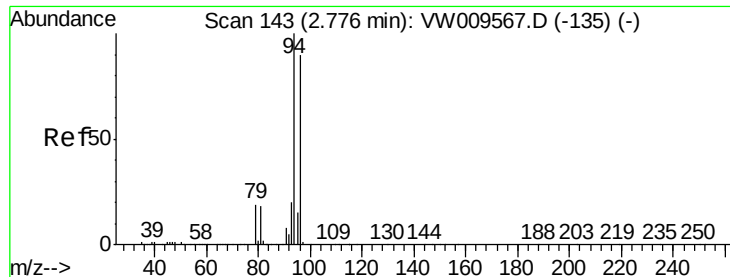
Tgt Ion: 62 Resp: 60301

Ion Ratio Lower Upper

62 100

64 30.7 26.2 39.2





#5

Bromomethane

Concen: 19.769 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

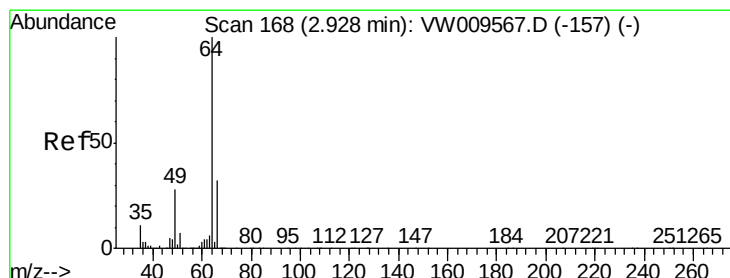
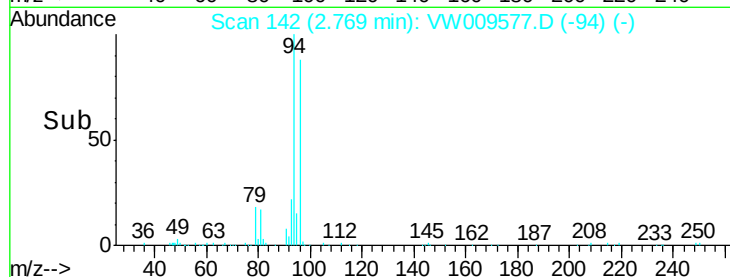
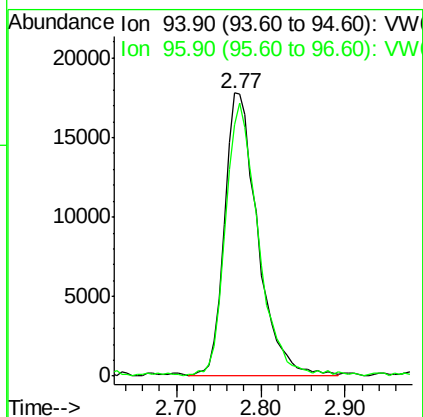
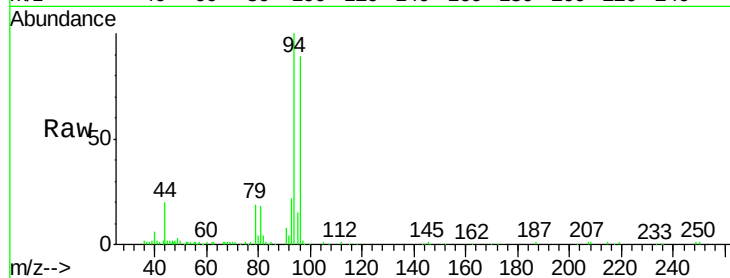
VW0329SBSD01

Tgt Ion: 94 Resp: 47135

Ion Ratio Lower Upper

94 100

96 88.4 71.4 107.2



#6

Chloroethane

Concen: 19.784 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW009577.D

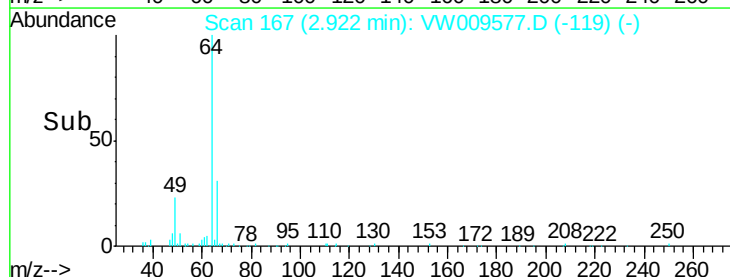
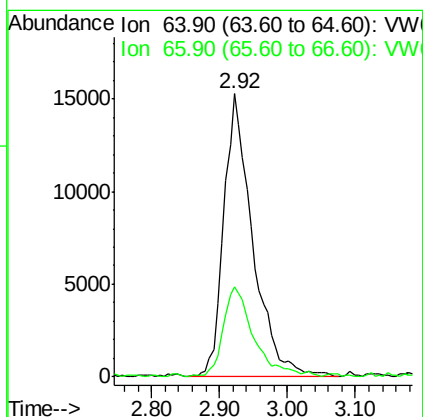
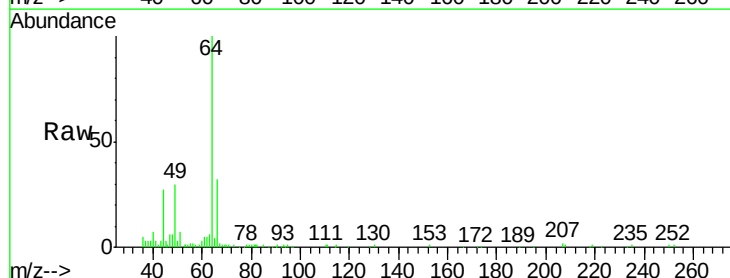
Acq: 29 Mar 2019 17:47

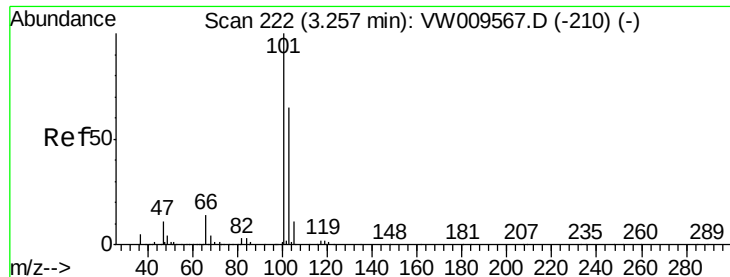
Tgt Ion: 64 Resp: 45279

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2



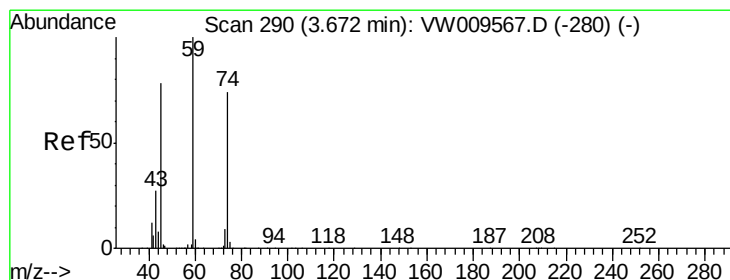
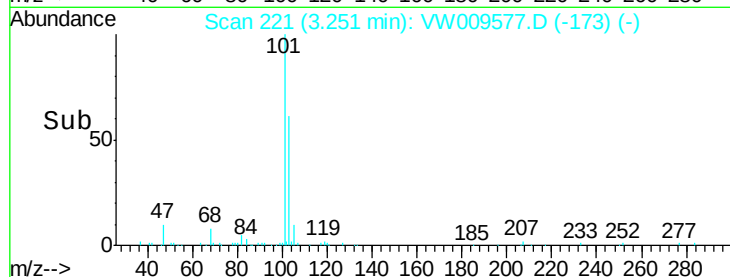
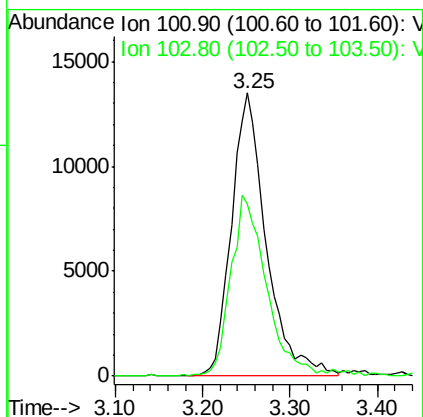
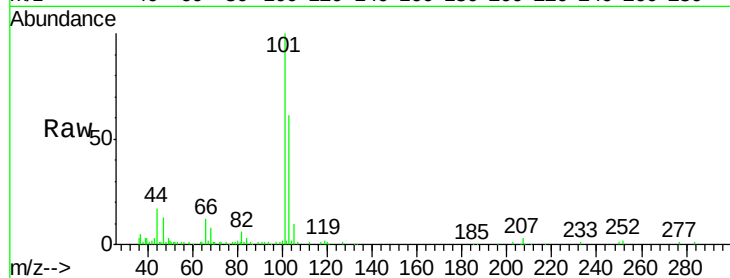


#7

Trichlorofluoromethane
Concen: 17.632 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

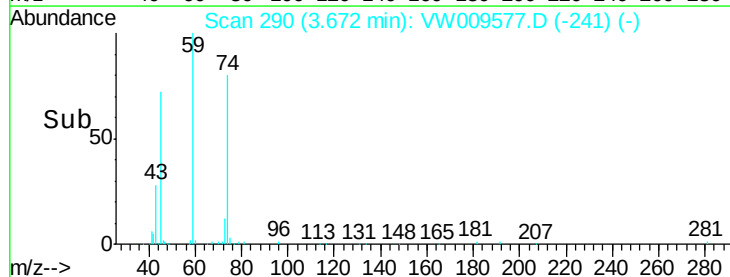
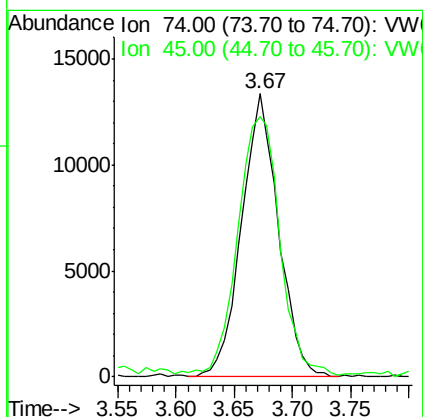
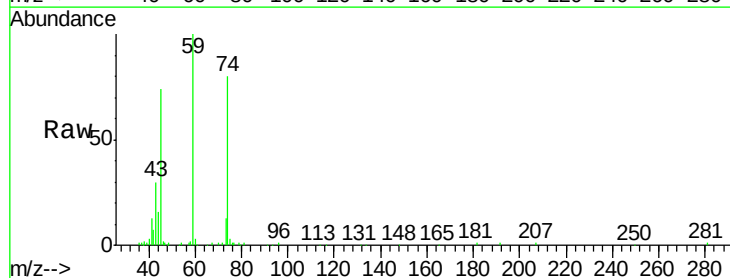
Tgt Ion: 101 Resp: 37231
Ion Ratio Lower Upper
101 100
103 60.6 50.5 75.7

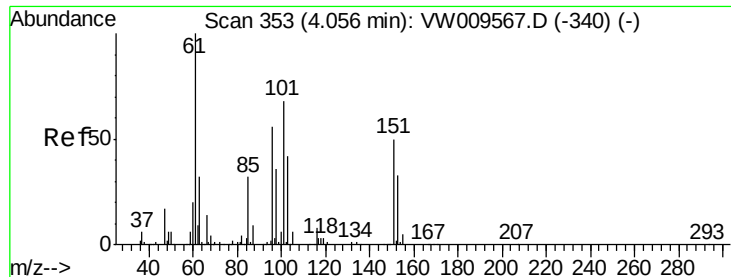


#8

Diethyl Ether
Concen: 20.721 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion: 74 Resp: 29380
Ion Ratio Lower Upper
74 100
45 103.4 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.161 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

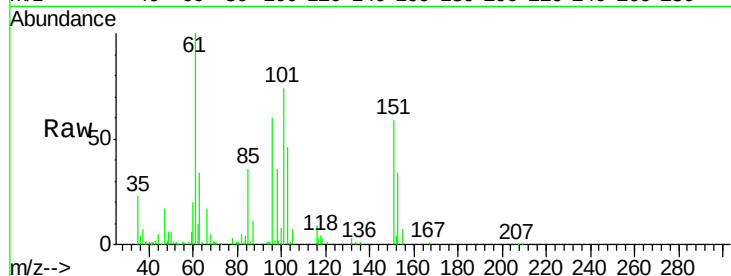
Tgt Ion:101 Resp: 57119

Ion Ratio Lower Upper

101 100

85 39.4 35.1 52.7

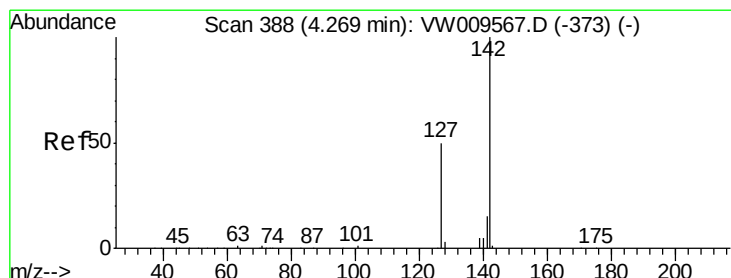
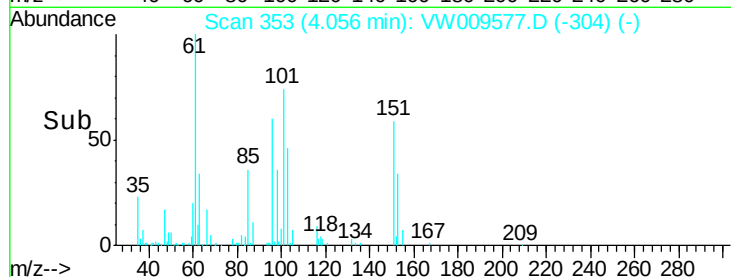
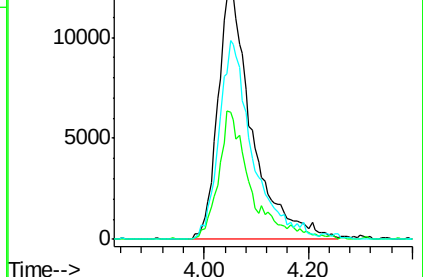
151 75.4 62.9 94.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.542 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

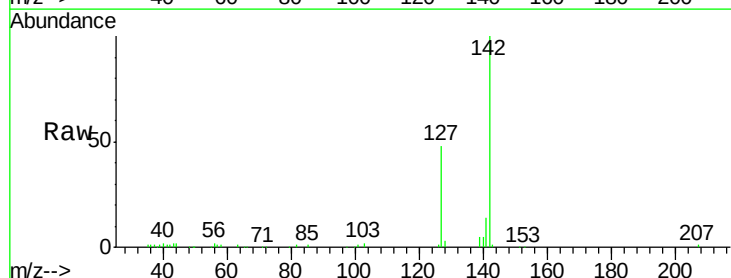
Tgt Ion:142 Resp: 75543

Ion Ratio Lower Upper

142 100

127 47.2 35.9 53.9

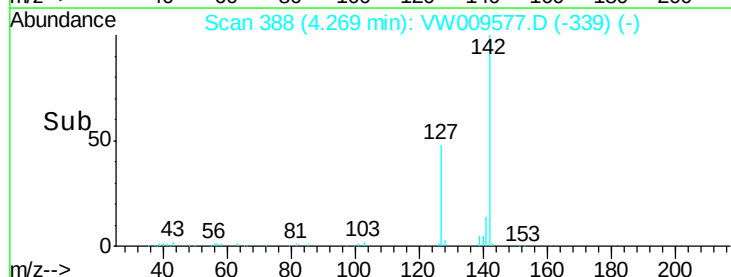
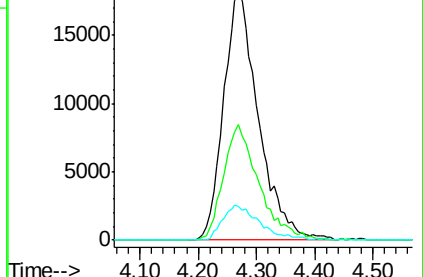
141 14.8 11.4 17.2

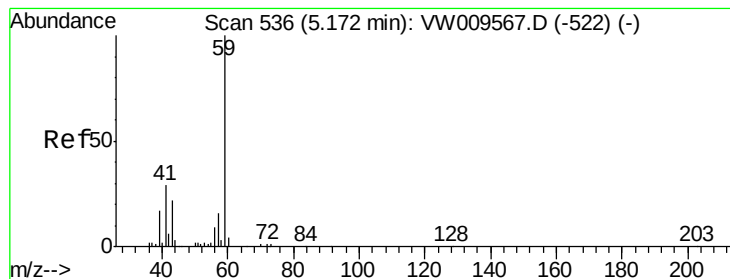


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



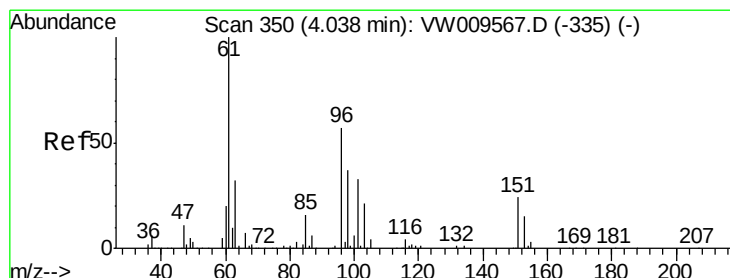
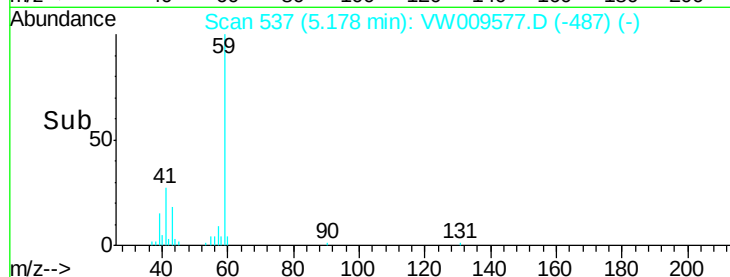
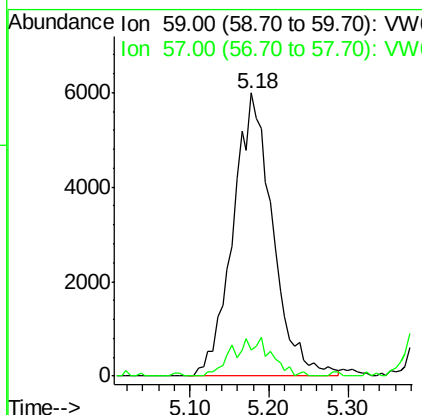
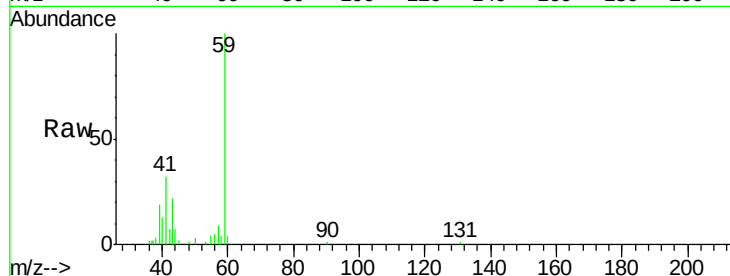


#11

Tert butyl alcohol
 Concen: 115.120 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

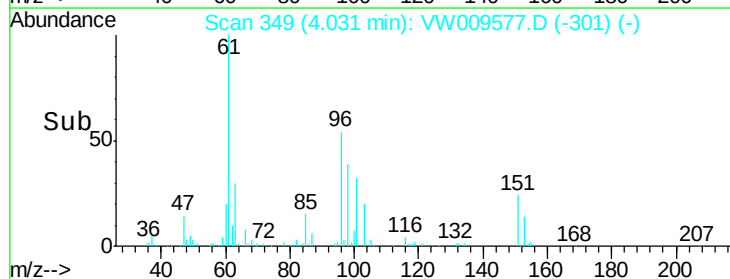
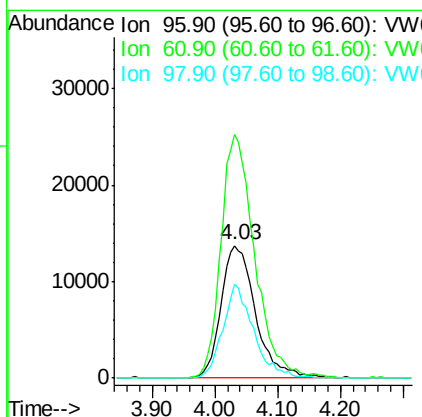
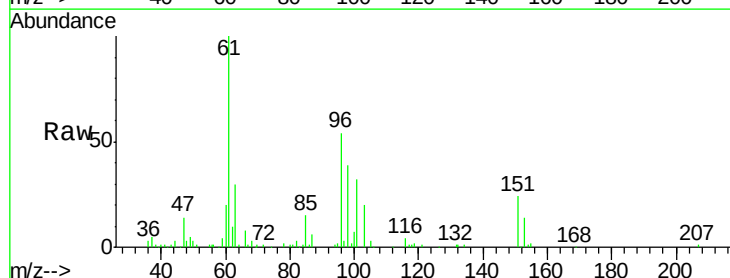
Tgt Ion: 59 Resp: 20966
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.4 14.0#

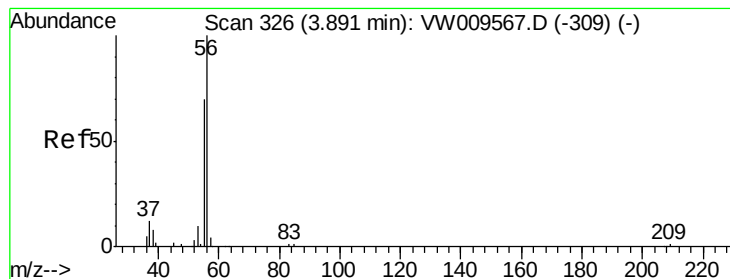


#12

1,1-Dichloroethene
 Concen: 19.740 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 96 Resp: 52336
 Ion Ratio Lower Upper
 96 100
 61 184.1 138.0 207.0
 98 70.9 49.8 74.8





#13

Acrolein

Concen: 99.050 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

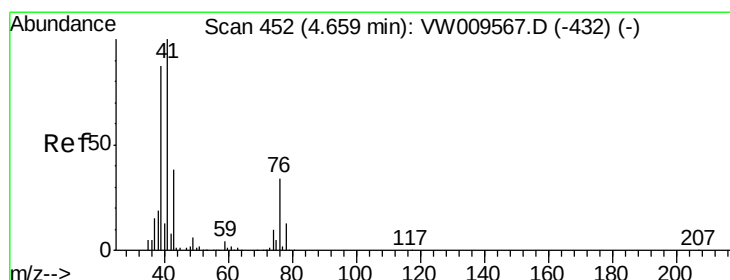
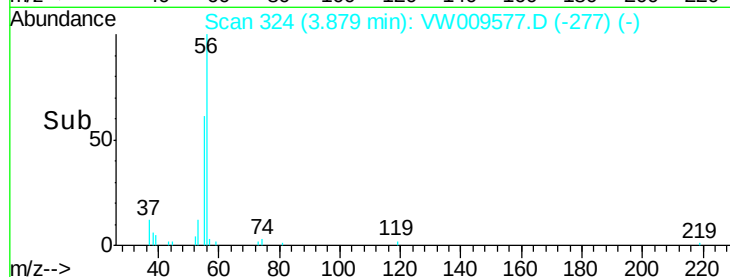
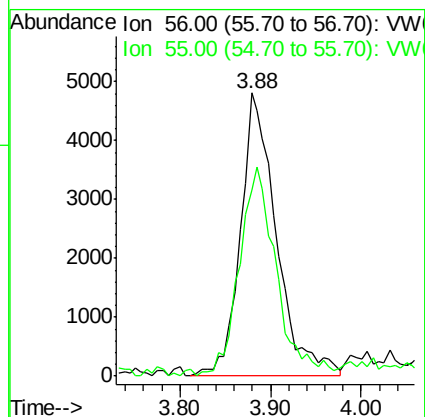
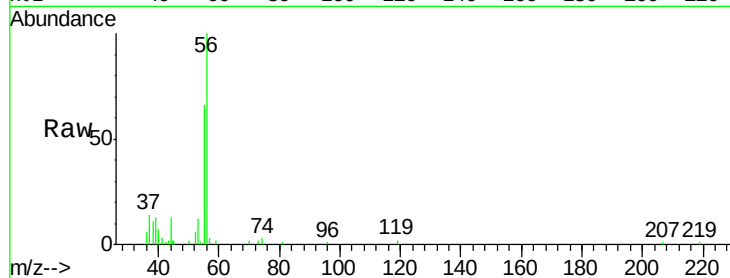
VW0329SBSD01

Tgt Ion: 56 Resp: 13231

Ion Ratio Lower Upper

56 100

55 76.1 55.2 82.8



#14

Allyl chloride

Concen: 17.393 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

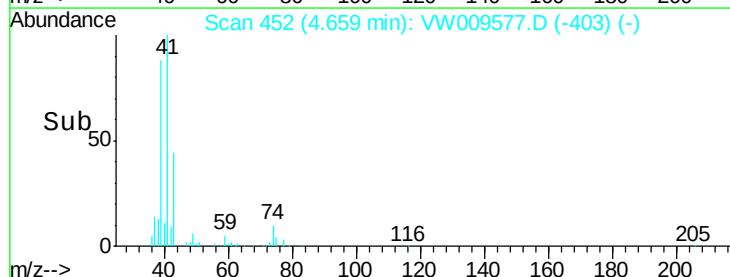
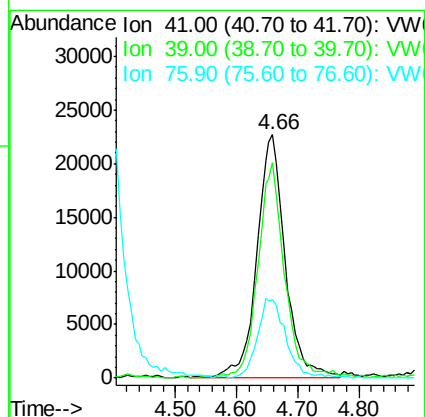
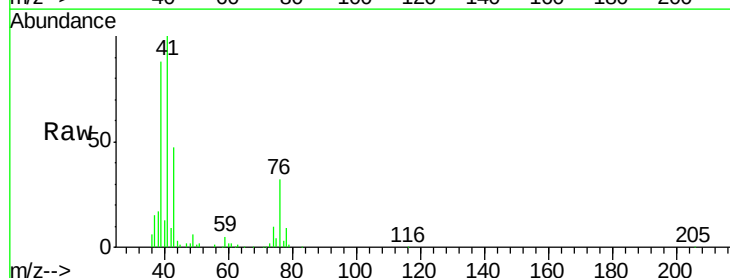
Tgt Ion: 41 Resp: 73755

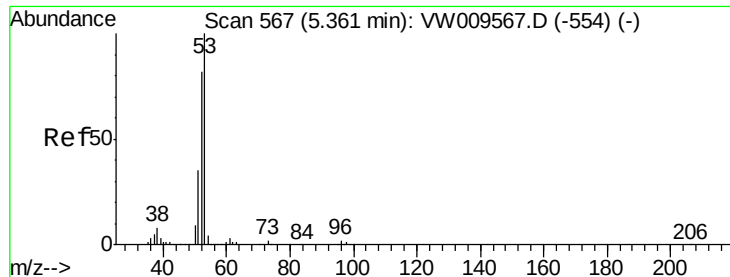
Ion Ratio Lower Upper

41 100

39 81.9 63.8 95.6

76 32.1 27.8 41.6





#15

Acrylonitrile

Concen: 103.886 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

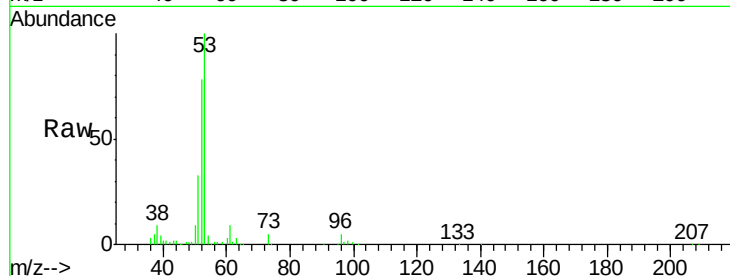
Tgt Ion: 53 Resp: 67328

Ion Ratio Lower Upper

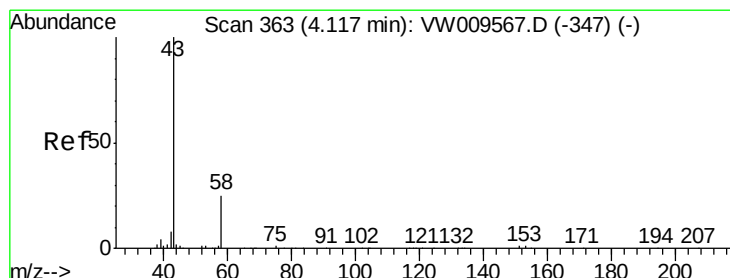
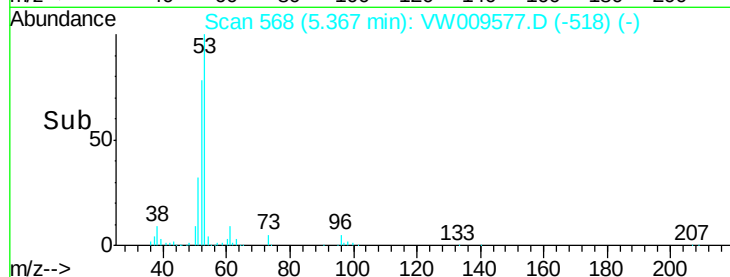
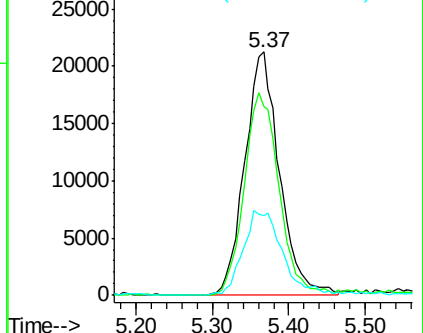
53 100

52 83.1 67.6 101.4

51 39.2 30.6 45.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 102.506 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009577.D

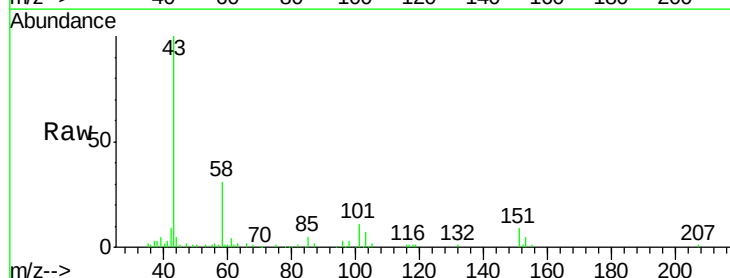
Acq: 29 Mar 2019 17:47

Tgt Ion: 43 Resp: 72393

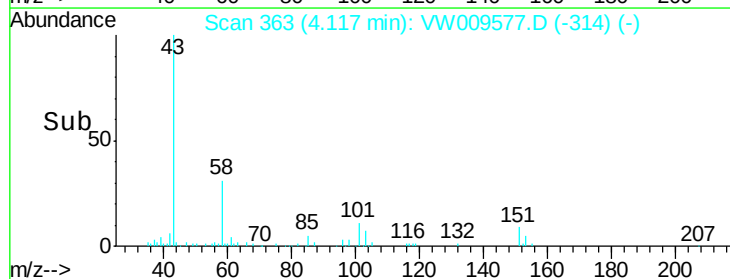
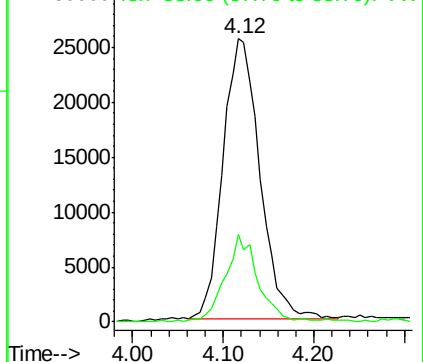
Ion Ratio Lower Upper

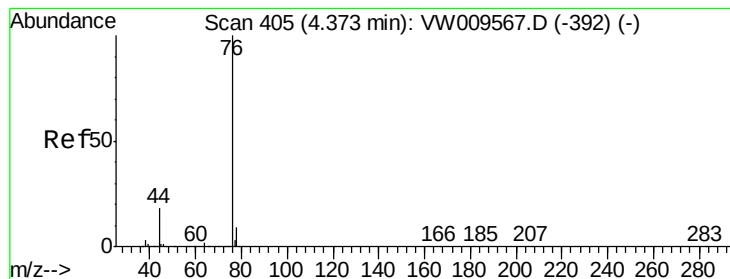
43 100

58 30.6 23.6 35.4



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





#17

Carbon Disulfide

Concen: 19.326 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

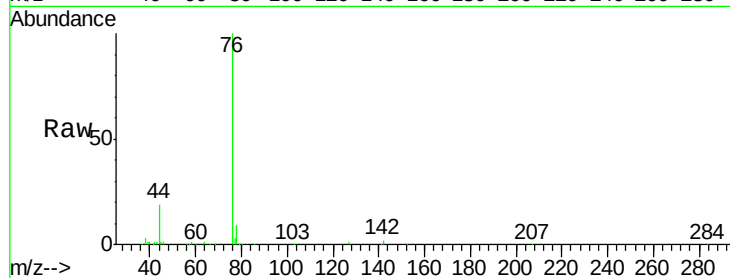
VW0329SBSD01

Tgt Ion: 76 Resp: 145796

Ion Ratio Lower Upper

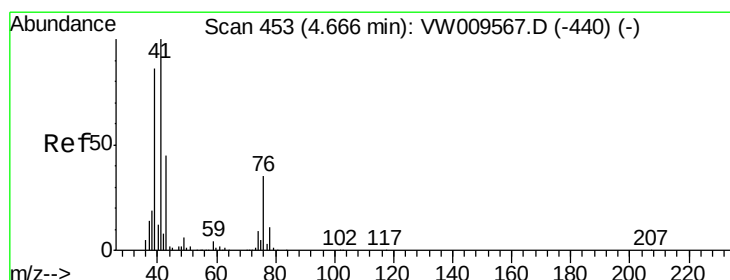
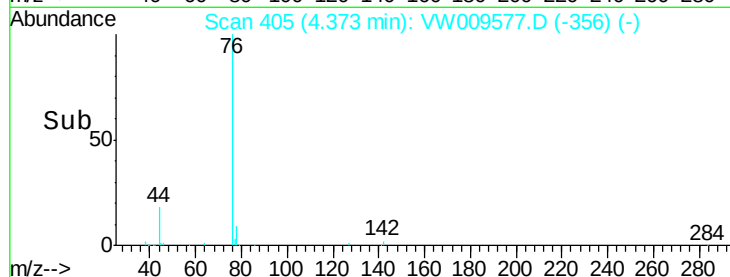
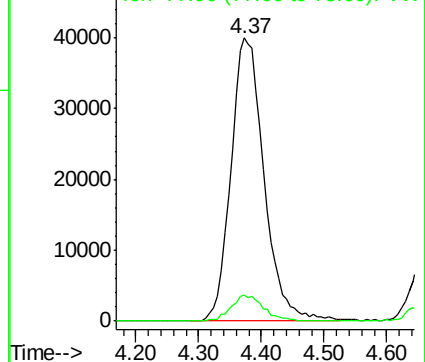
76 100

78 9.2 6.6 9.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 19.811 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW009577.D

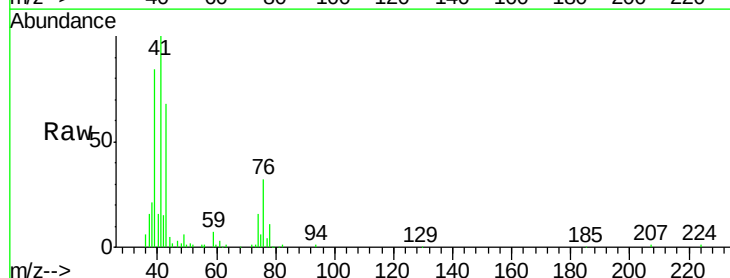
Acq: 29 Mar 2019 17:47

Tgt Ion: 43 Resp: 33820

Ion Ratio Lower Upper

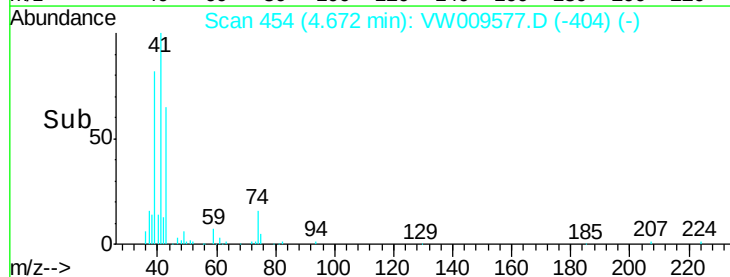
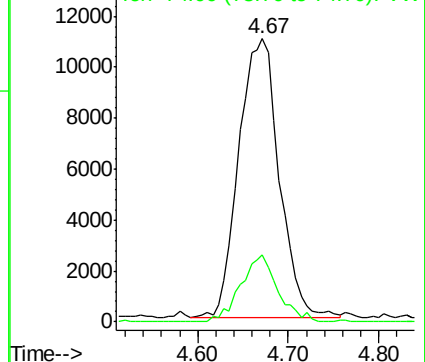
43 100

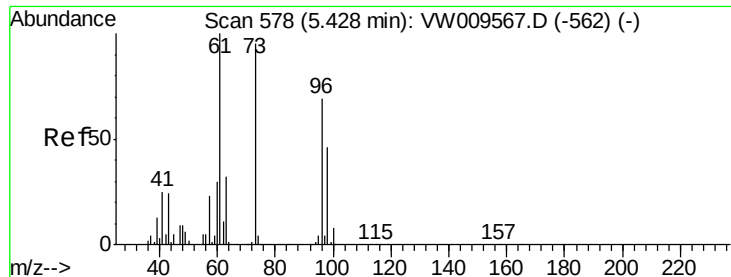
74 22.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



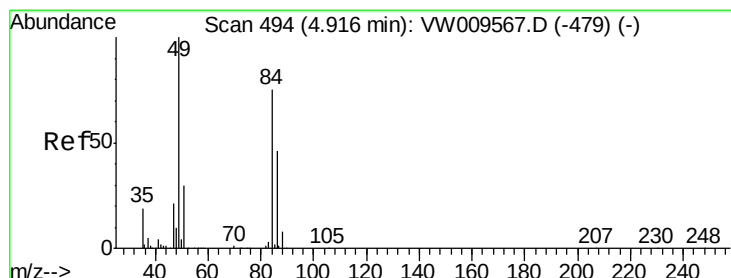
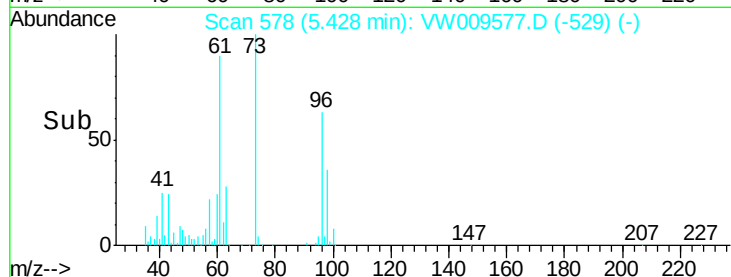
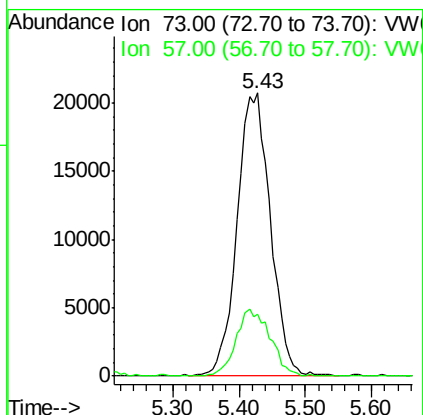
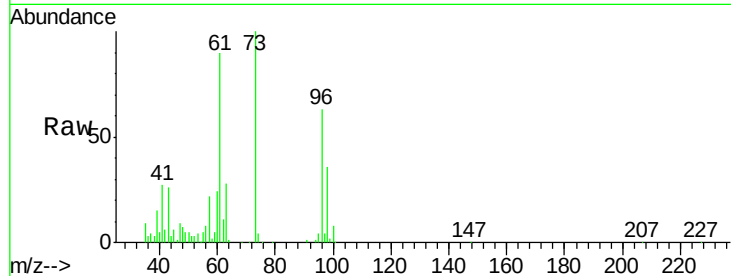


#19

Methyl tert-butyl Ether
 Concen: 19.634 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBS01

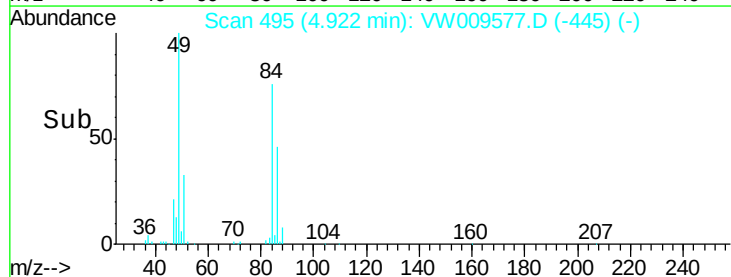
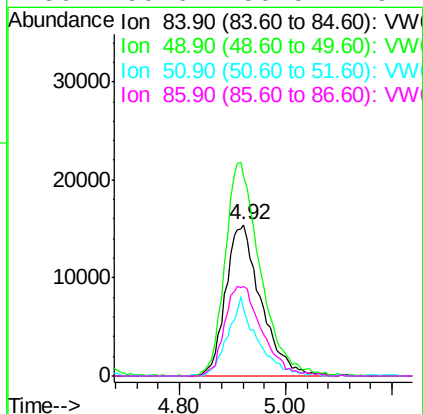
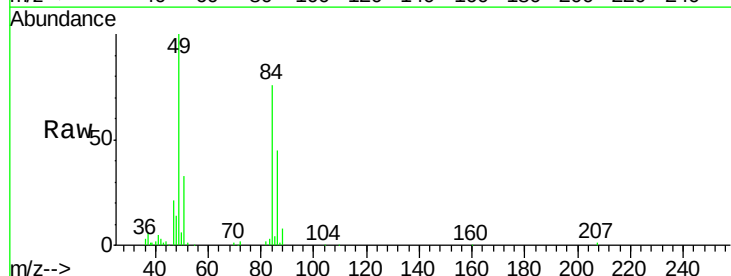
Tgt Ion: 73 Resp: 72399
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.0 25.6

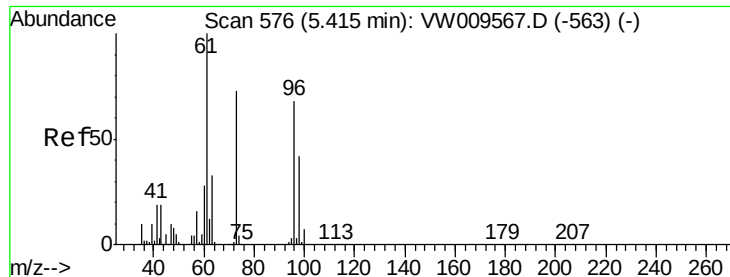


#20

Methylene Chloride
 Concen: 23.749 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 84 Resp: 71443
 Ion Ratio Lower Upper
 84 100
 49 132.3 99.1 148.7
 51 44.0 28.7 43.1#
 86 59.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.586 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBS01

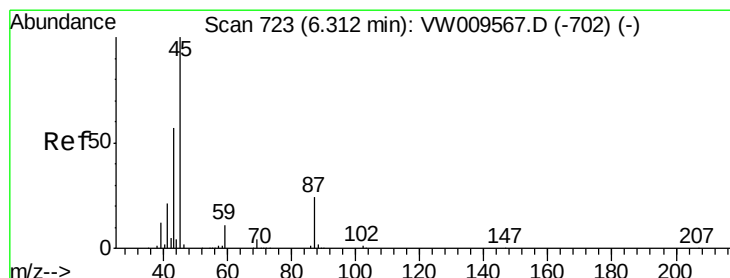
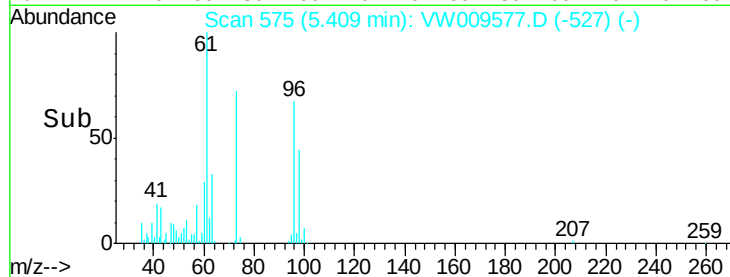
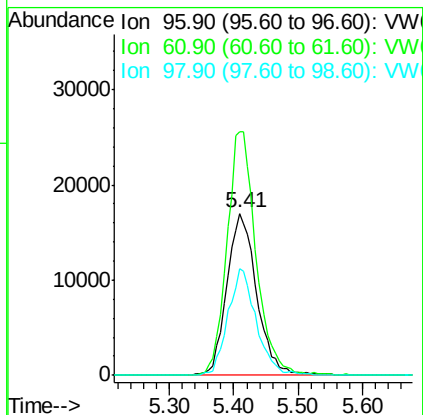
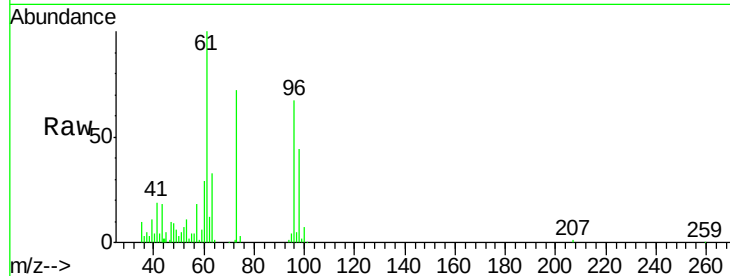
Tgt Ion: 96 Resp: 55133

Ion Ratio Lower Upper

96 100

61 150.1 108.2 162.4

98 66.0 50.9 76.3



#22

Diisopropyl ether

Concen: 19.903 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Tgt Ion: 45 Resp: 182273

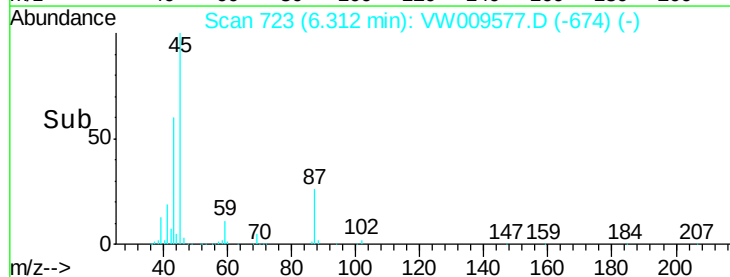
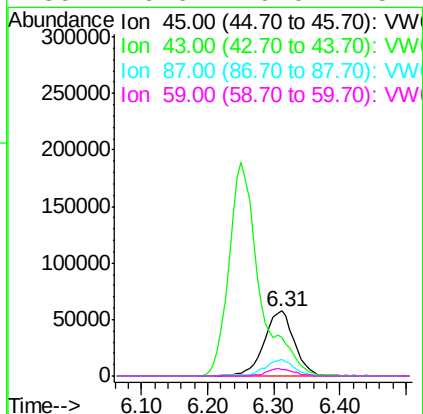
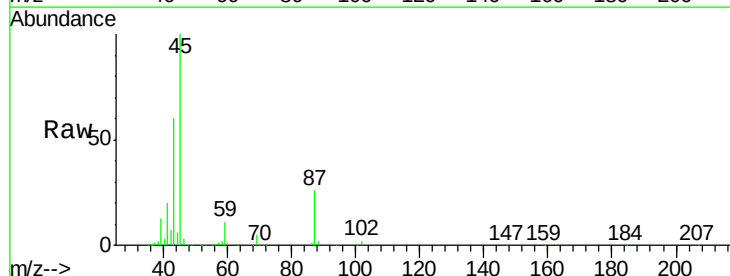
Ion Ratio Lower Upper

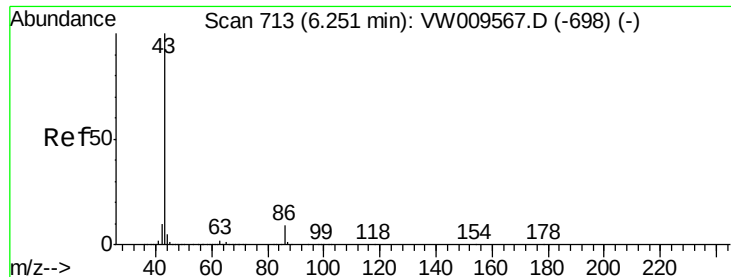
45 100

43 59.6 47.9 71.9

87 25.7 20.6 30.8

59 10.6 9.0 13.4





#23

Vinyl Acetate

Concen: 105.692 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

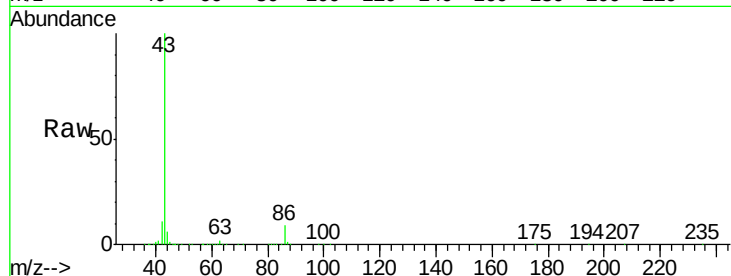
VW0329SBSD01

Tgt Ion: 43 Resp: 603845

Ion Ratio Lower Upper

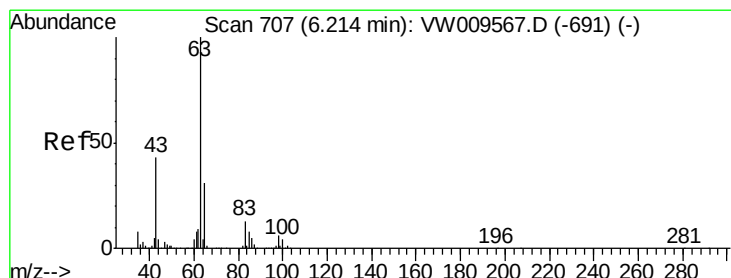
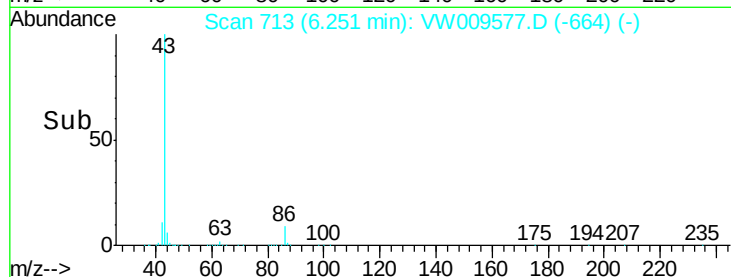
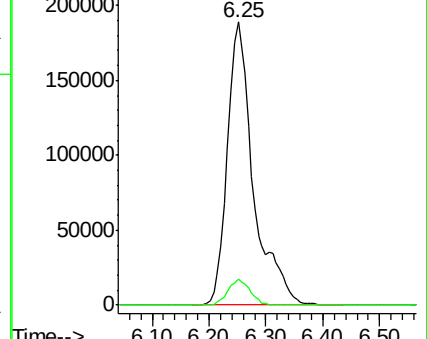
43 100

86 9.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.593 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

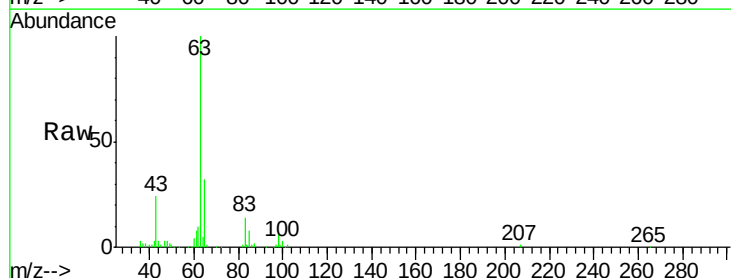
Tgt Ion: 63 Resp: 108001

Ion Ratio Lower Upper

63 100

98 6.3 3.7 11.1

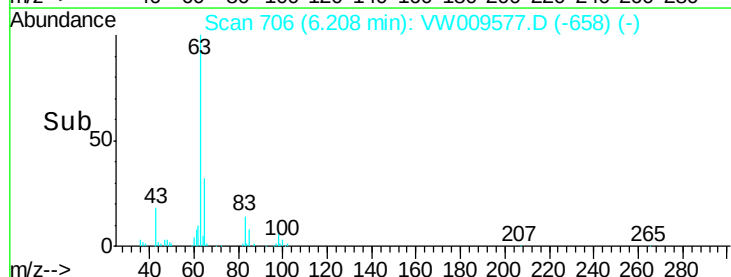
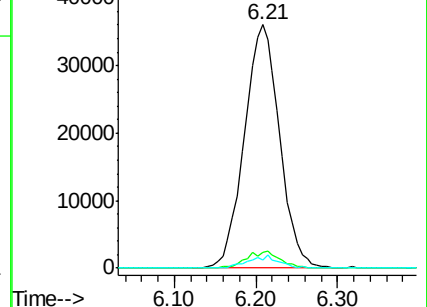
100 3.4 2.4 7.1

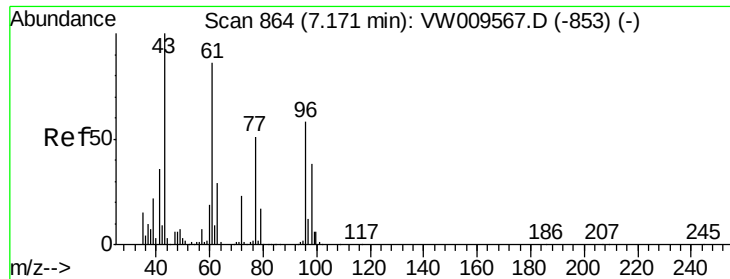


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 110.004 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

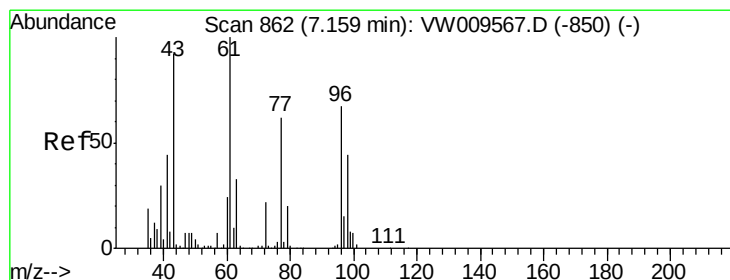
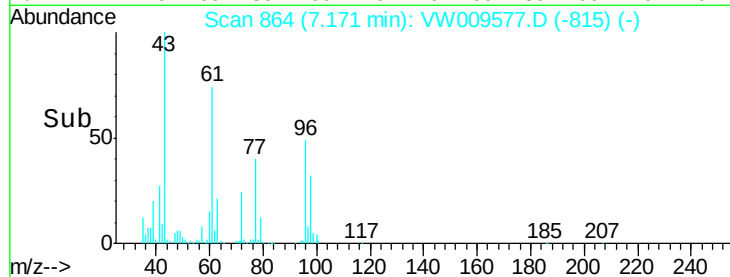
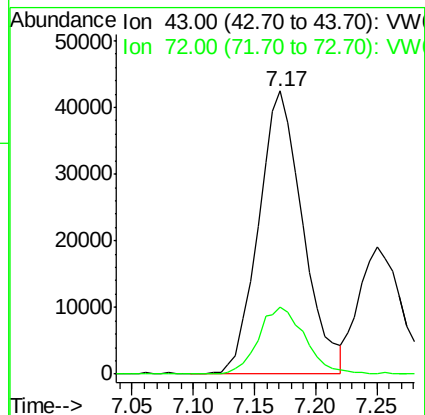
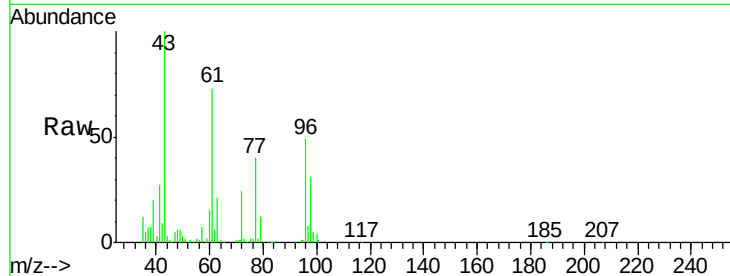
VW0329SBSD01

Tgt Ion: 43 Resp: 107356

Ion Ratio Lower Upper

43 100

72 23.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 18.583 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009577.D

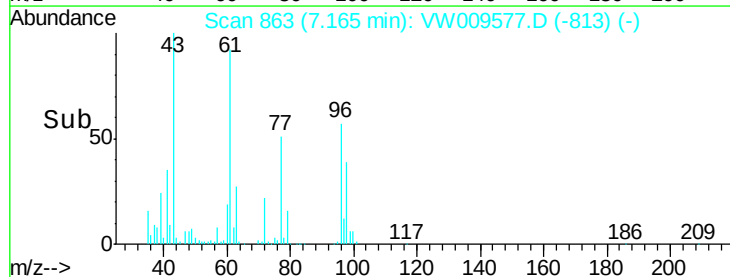
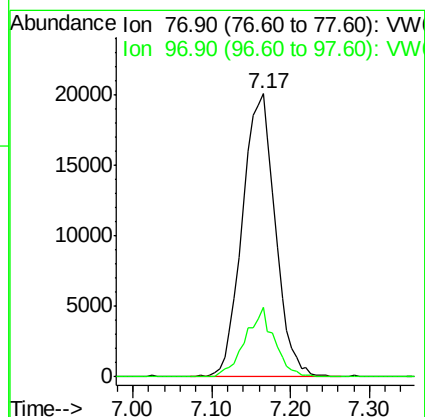
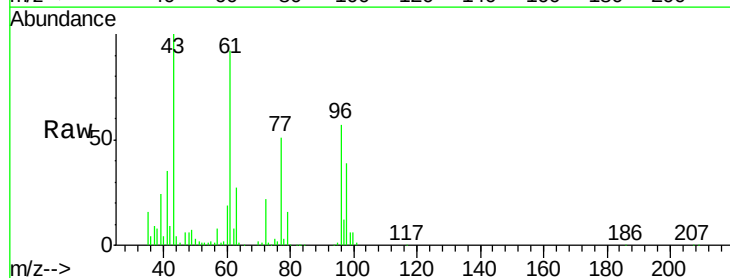
Acq: 29 Mar 2019 17:47

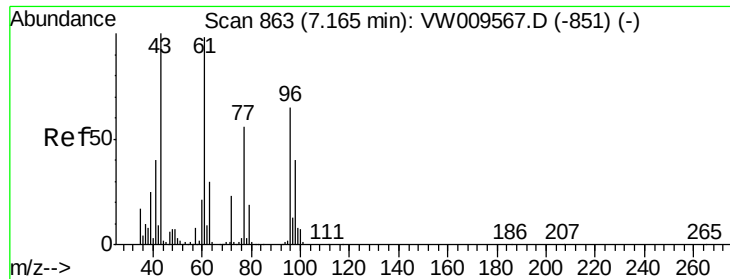
Tgt Ion: 77 Resp: 58563

Ion Ratio Lower Upper

77 100

97 21.8 11.6 34.7



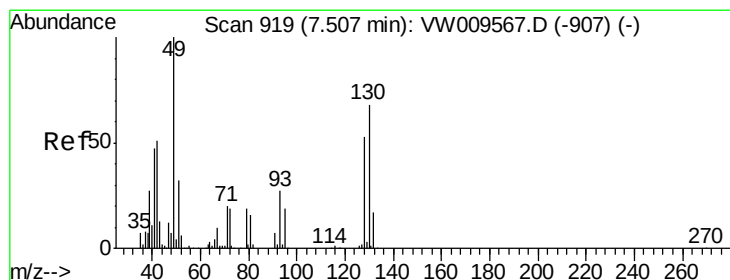
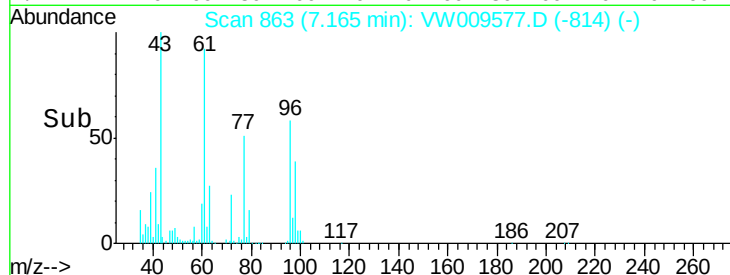
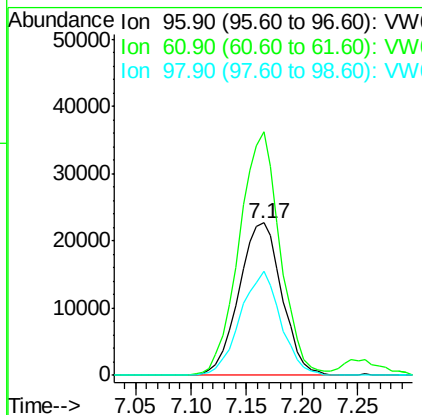
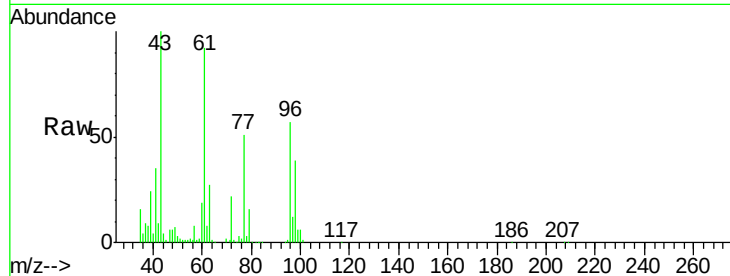


#27

cis-1,2-Dichloroethene
 Concen: 19.781 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

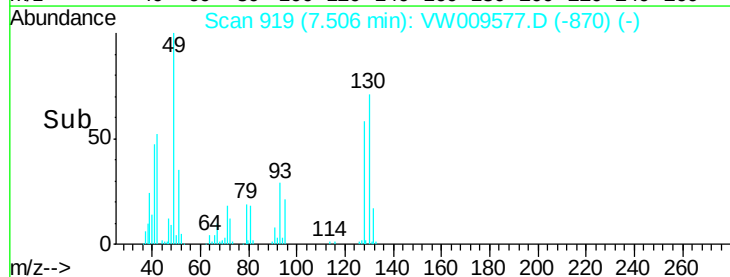
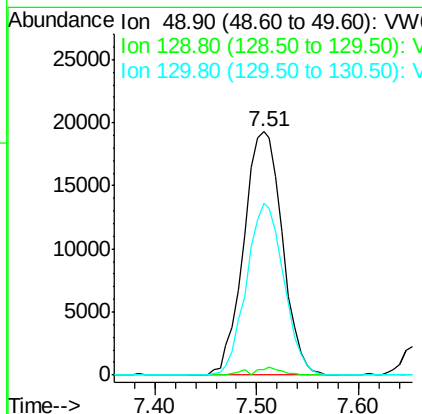
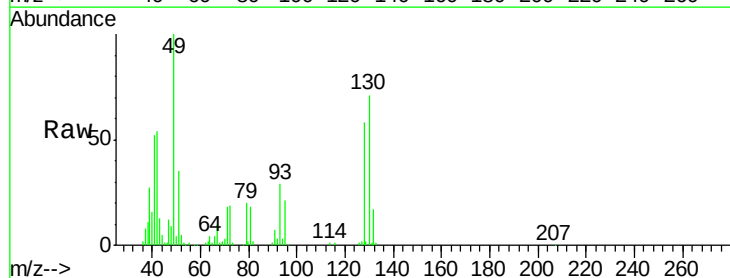
Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	289.8
98	64.2	0.0	130.8

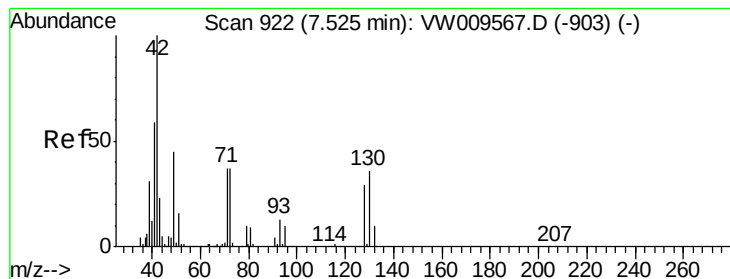


#28

Bromochloromethane
 Concen: 21.240 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	1.4#
130	68.0	58.6	88.0





#29

Tetrahydrofuran

Concen: 113.170 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

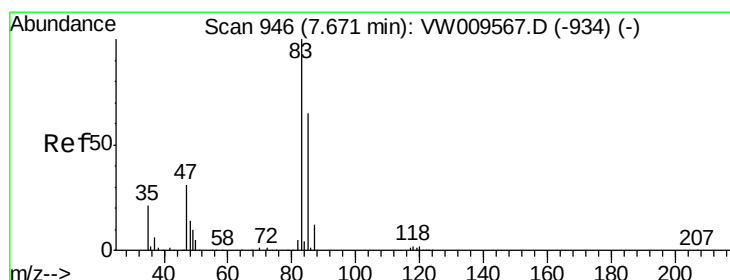
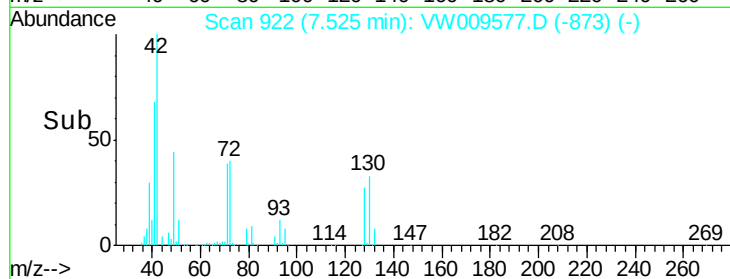
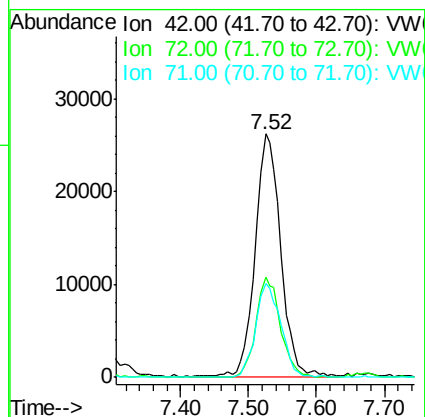
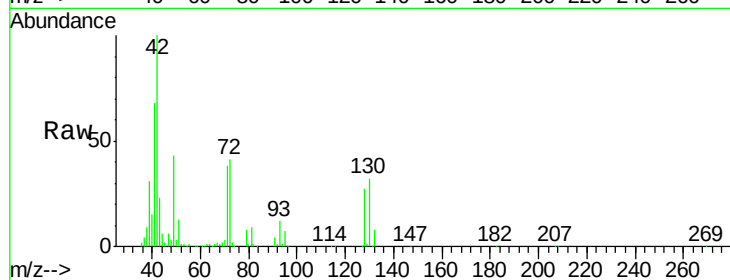
Tgt Ion: 42 Resp: 68580

Ion Ratio Lower Upper

42 100

72 39.7 32.4 48.6

71 37.8 30.1 45.1



#30

Chloroform

Concen: 19.972 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW009577.D

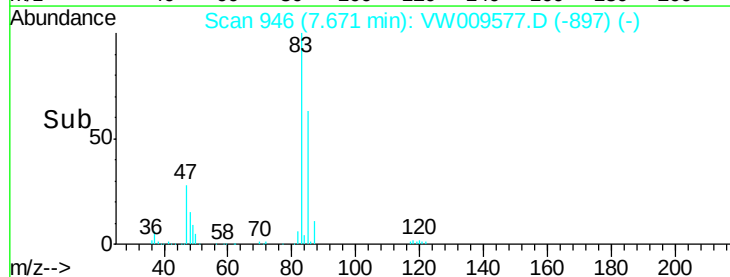
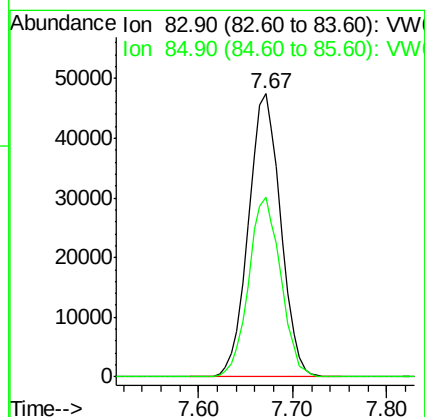
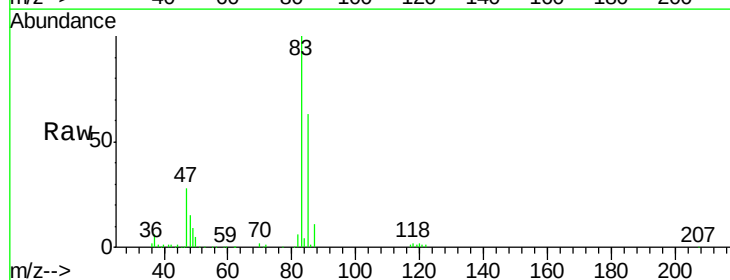
Acq: 29 Mar 2019 17:47

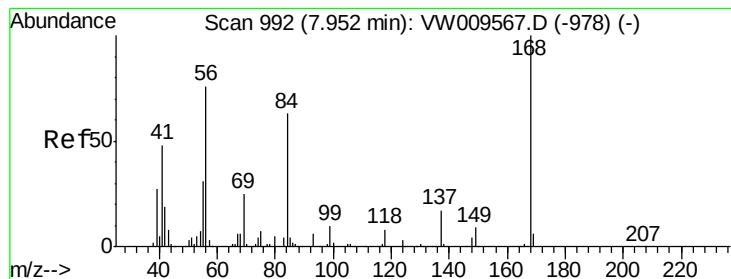
Tgt Ion: 83 Resp: 114021

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.6





#31

Cyclohexane

Concen: 18.671 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

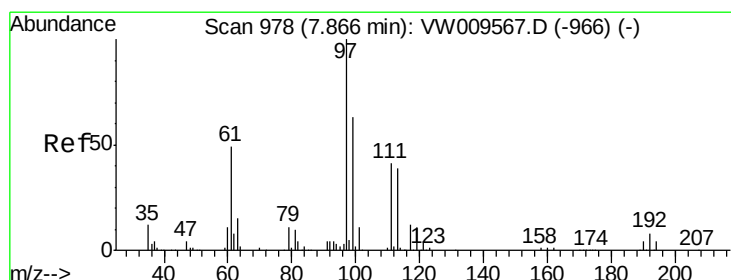
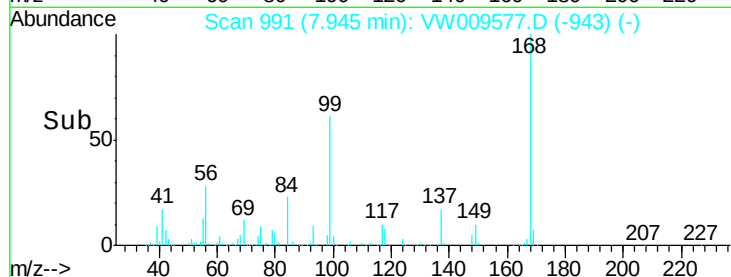
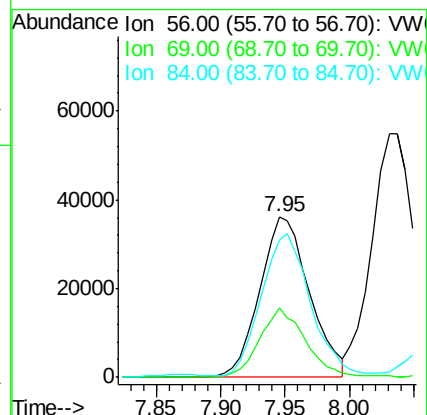
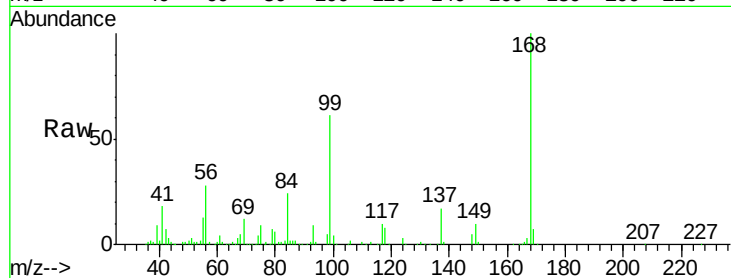
Tgt Ion: 56 Resp: 96485

Ion Ratio Lower Upper

56 100

69 43.1 26.1 39.1#

84 83.5 68.6 103.0



#32

1,1,1-Trichloroethane

Concen: 18.786 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

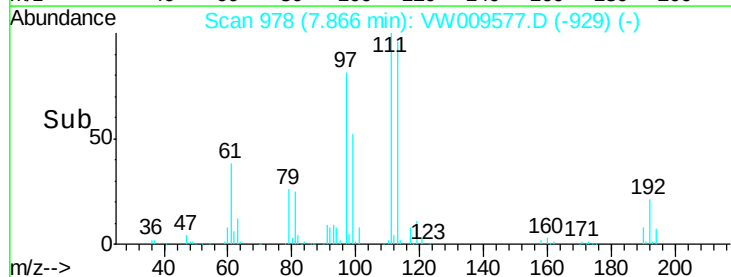
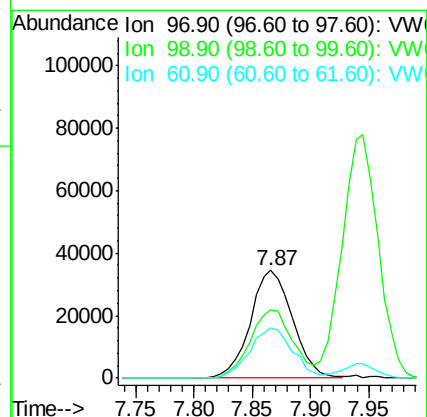
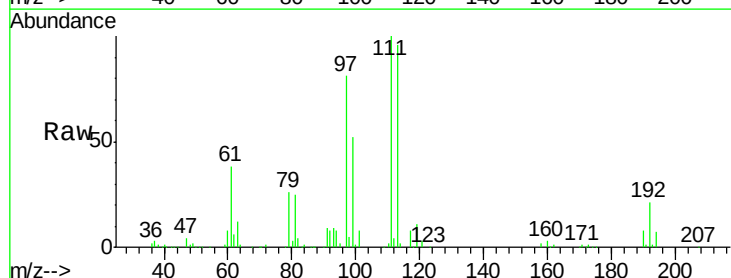
Tgt Ion: 97 Resp: 86826

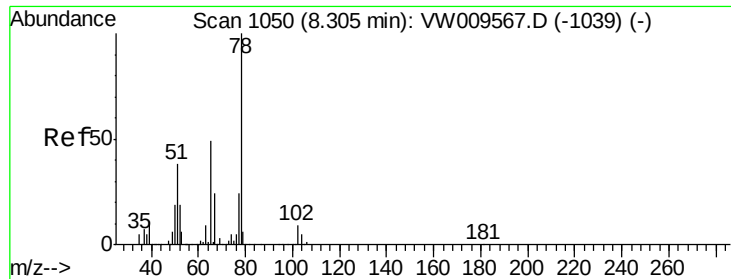
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 47.7 36.8 55.2

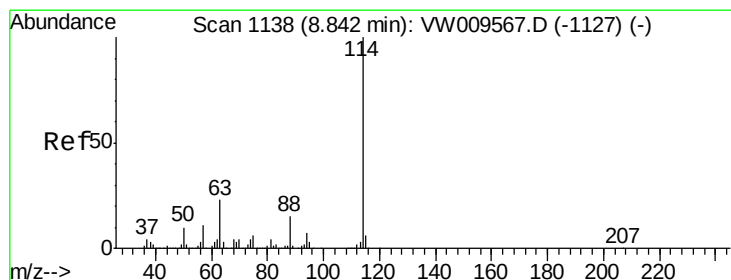
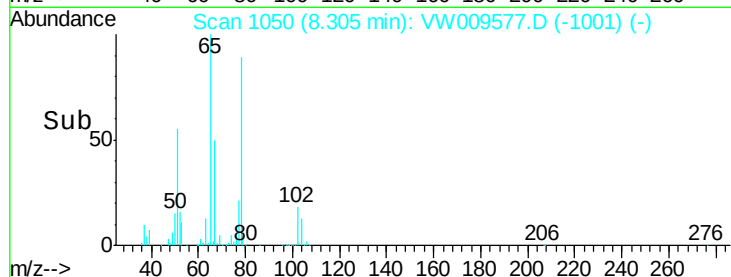
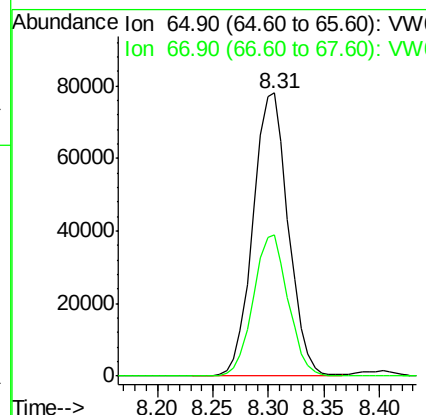
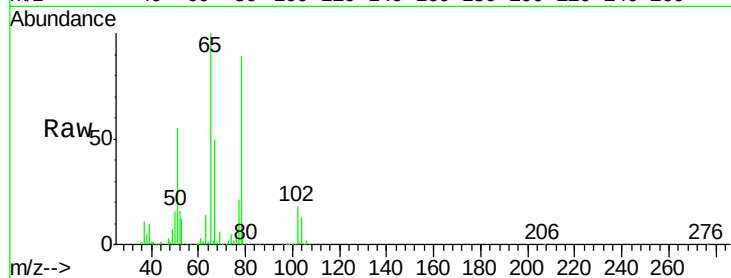




#33
 1,2-Dichloroethane-d4
 Concen: 54.811 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

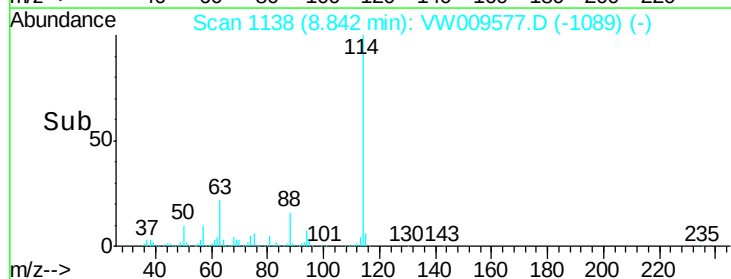
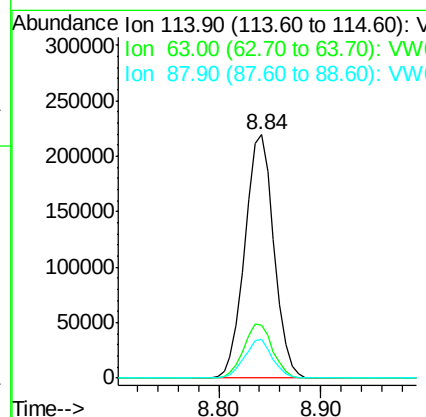
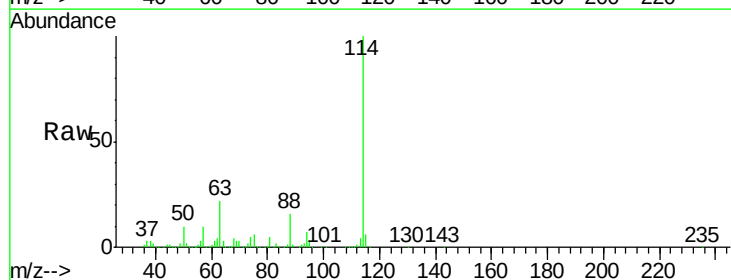
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

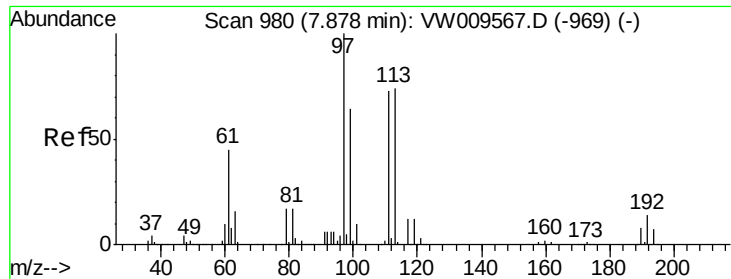
Tgt Ion: 65 Resp: 172168
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 114 Resp: 432948
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.2
 88 15.7 0.0 30.8

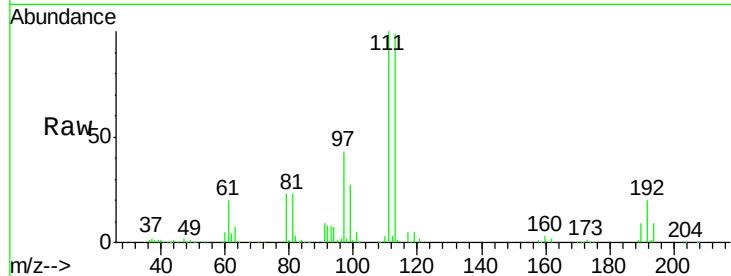




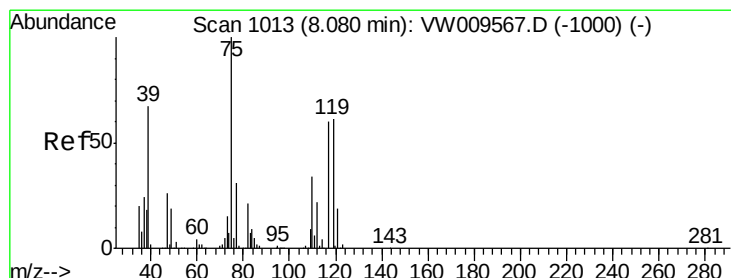
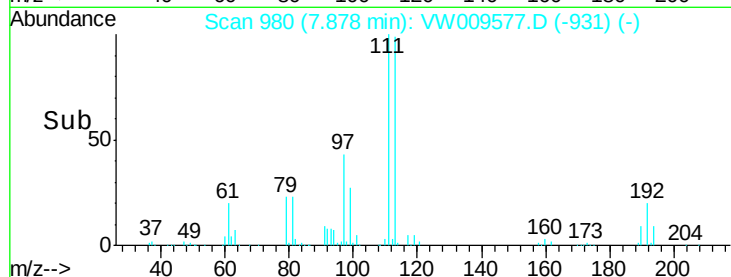
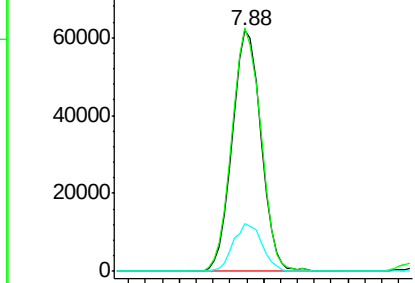
#35
 Dibromofluoromethane
 Concen: 52.594 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

Tgt Ion:113 Resp: 143016
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 124.0
 192 20.0 16.4 24.6

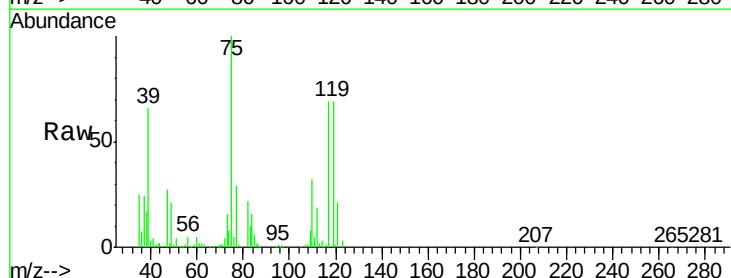


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

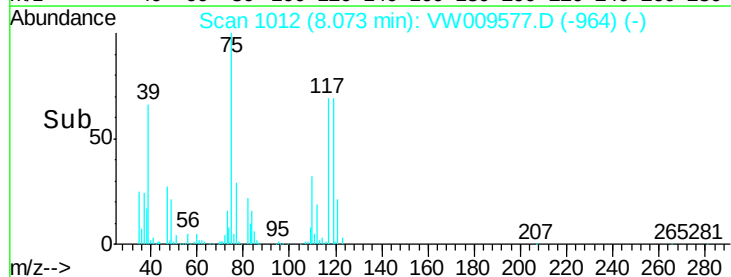
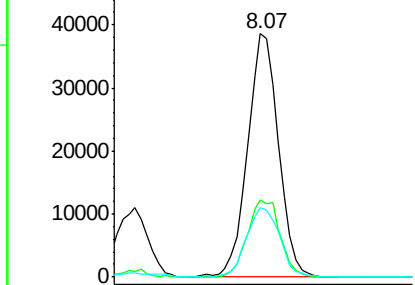


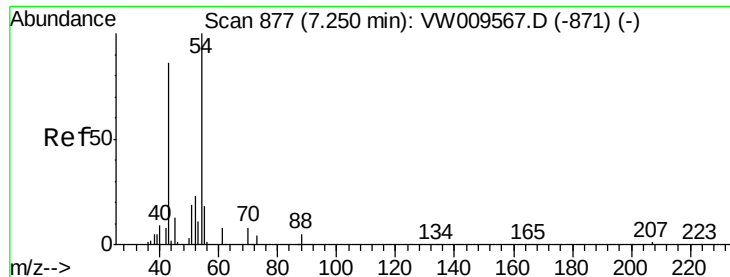
#36
 1,1-Dichloropropene
 Concen: 18.913 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 75 Resp: 84693
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.8 50.4
 77 31.1 24.6 36.8



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

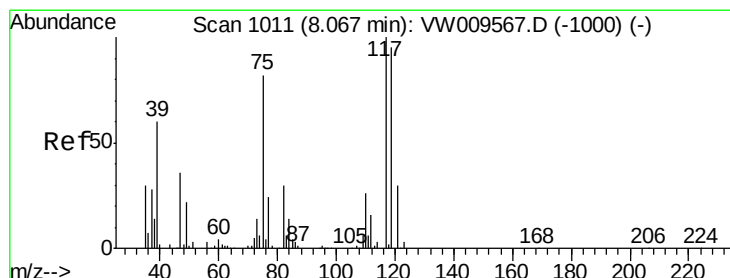
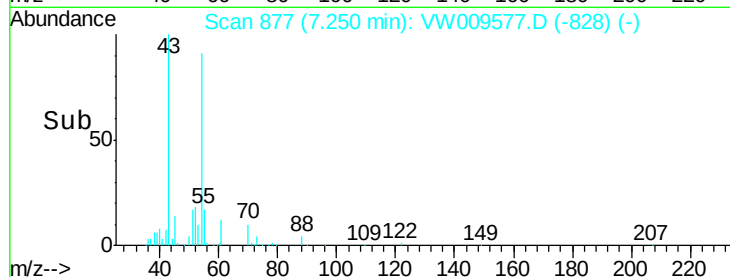
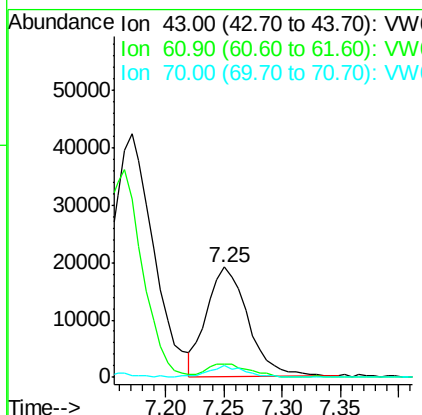
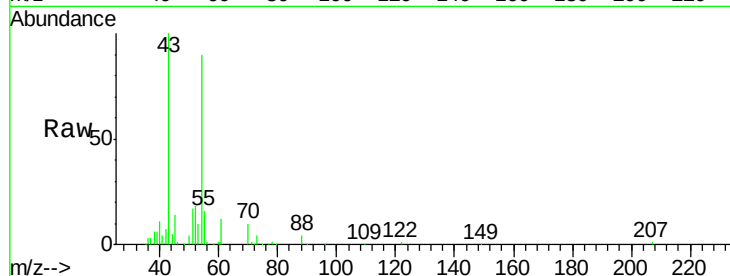




#37
 Ethyl Acetate
 Concen: 22.193 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

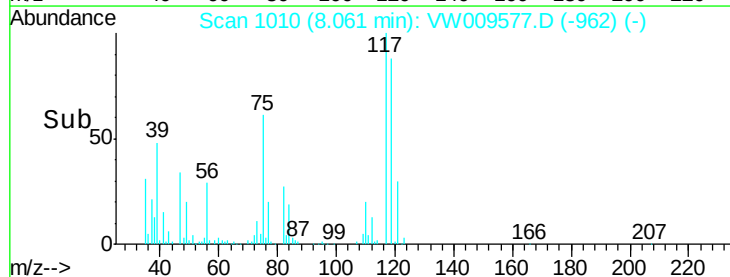
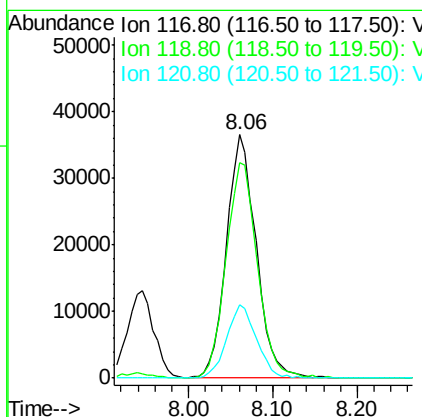
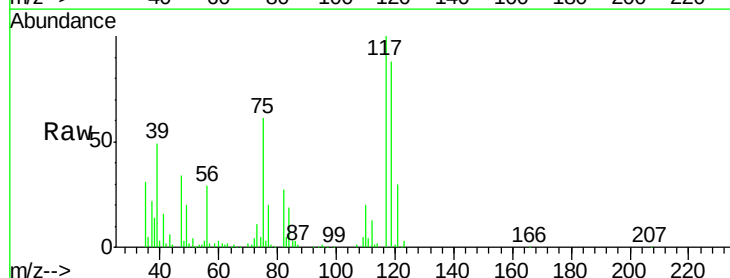
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

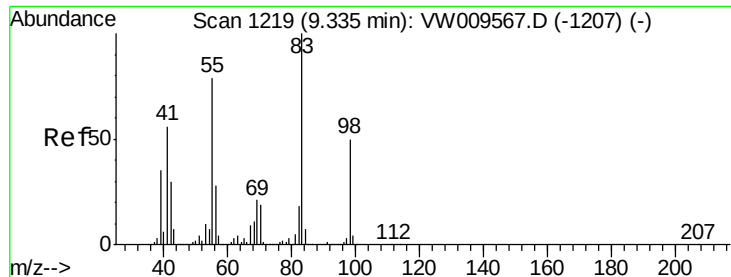
Tgt Ion: 43 Resp: 47215
 Ion Ratio Lower Upper
 43 100
 61 12.0 10.0 15.0
 70 9.4 7.3 10.9



#38
 Carbon Tetrachloride
 Concen: 19.180 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 117 Resp: 88008
 Ion Ratio Lower Upper
 117 100
 119 88.4 75.4 113.0
 121 30.1 24.9 37.3

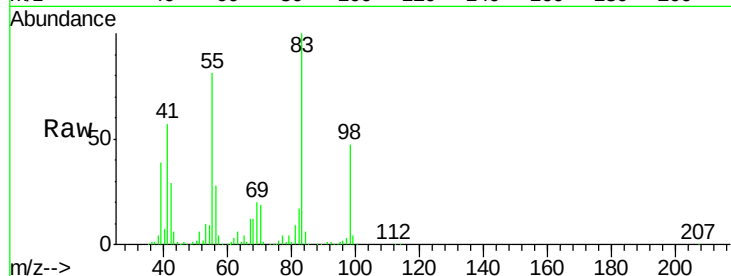




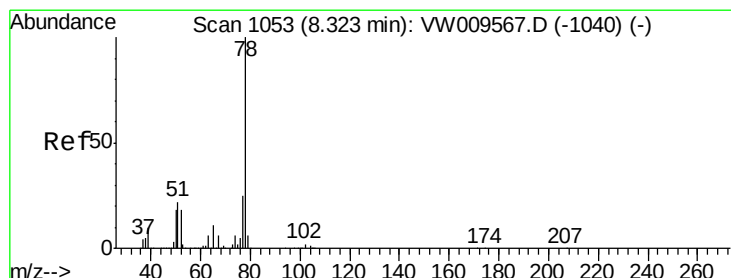
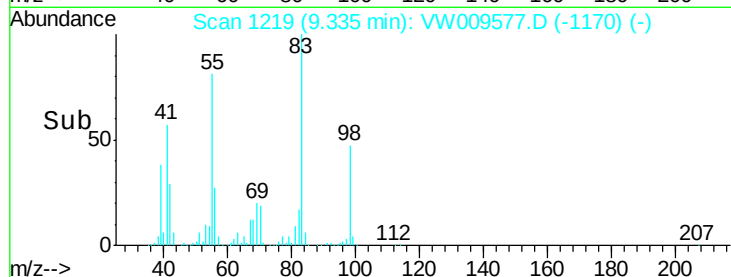
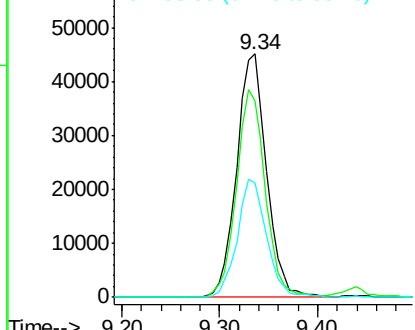
#39
Methylcyclohexane
Concen: 18.731 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

Tgt Ion: 83 Resp: 95814
Ion Ratio Lower Upper
83 100
55 80.5 61.1 91.7
98 46.9 39.0 58.4

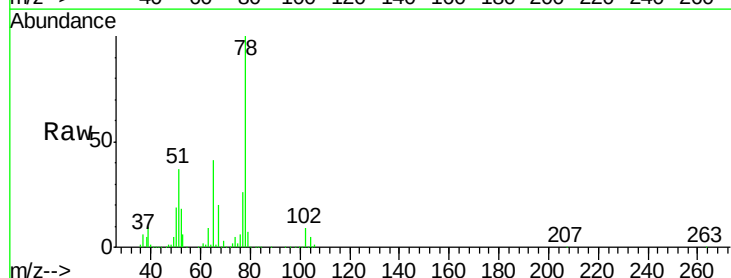


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

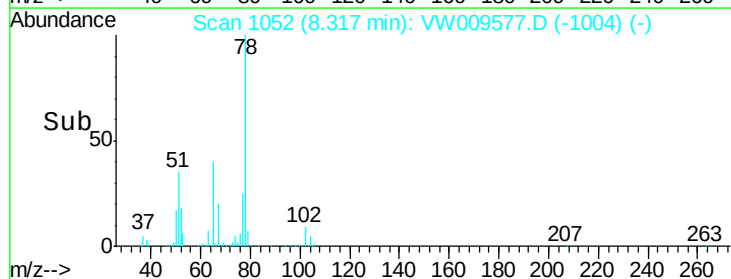
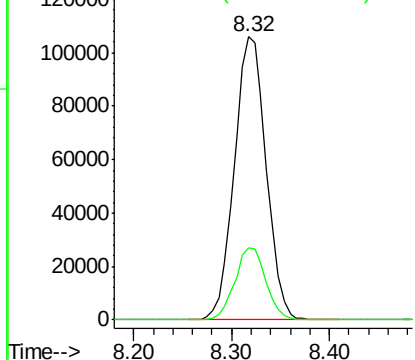


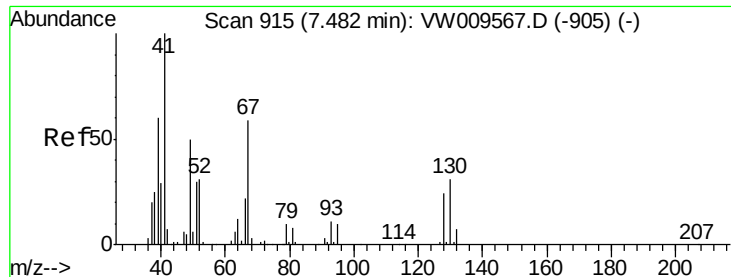
#40
Benzene
Concen: 19.639 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion: 78 Resp: 238210
Ion Ratio Lower Upper
78 100
77 25.6 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 21.454 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

Tgt Ion: 41 Resp: 26358

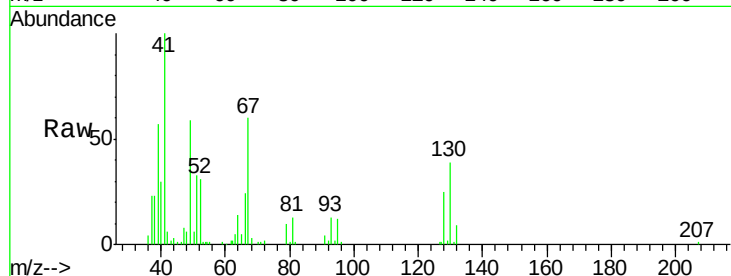
Ion Ratio Lower Upper

41 100

39 51.1 52.5 78.7#

67 67.1 56.6 84.8

52 32.6 27.2 40.8

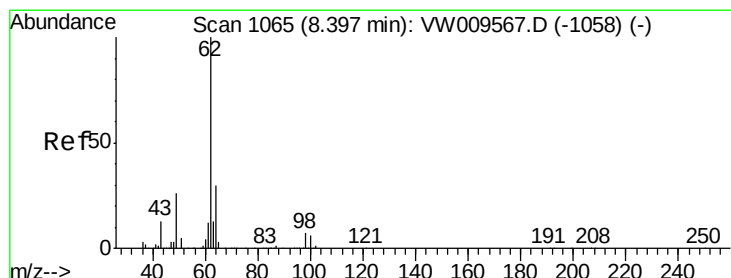
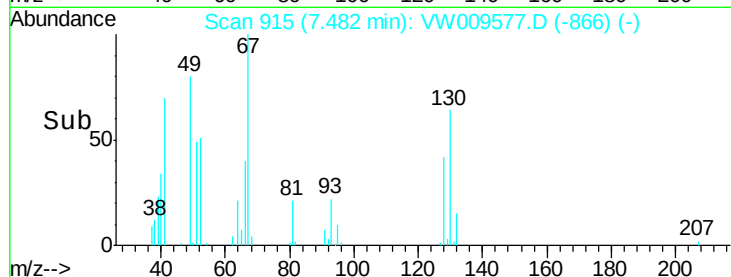
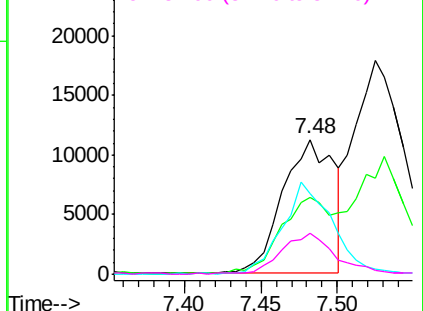


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 20.261 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW009577.D

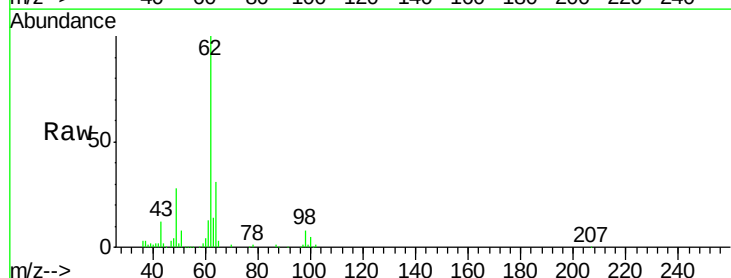
Acq: 29 Mar 2019 17:47

Tgt Ion: 62 Resp: 83784

Ion Ratio Lower Upper

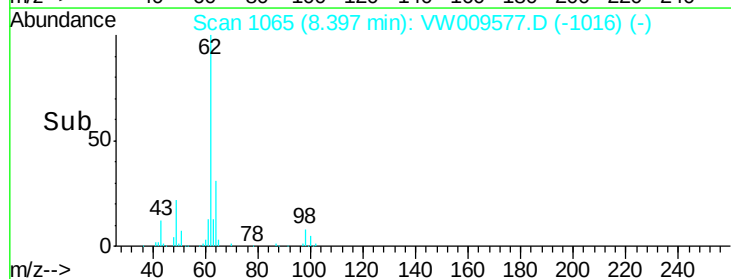
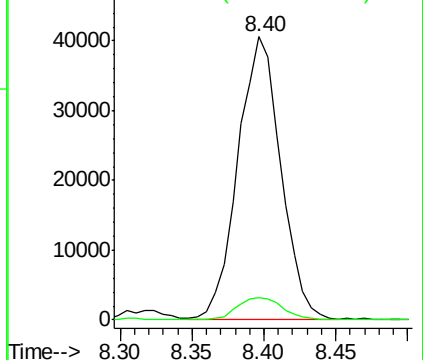
62 100

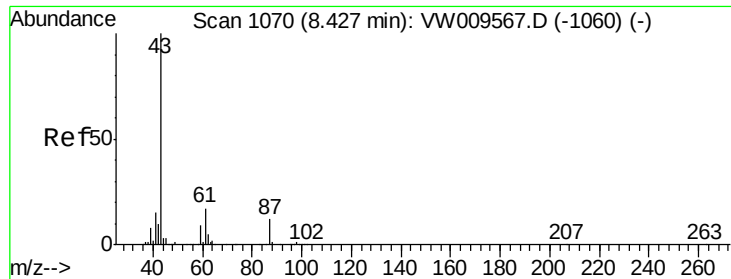
98 8.5 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.104 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

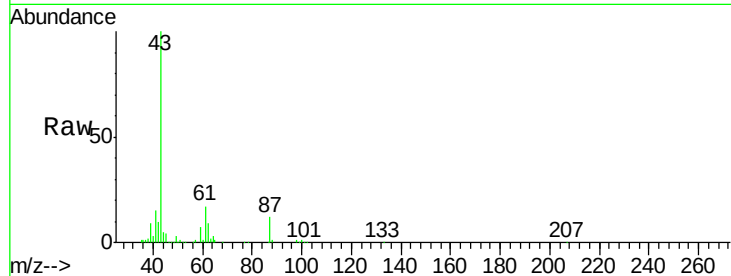
Tgt Ion: 43 Resp: 87993

Ion Ratio Lower Upper

43 100

61 27.7 22.2 33.2

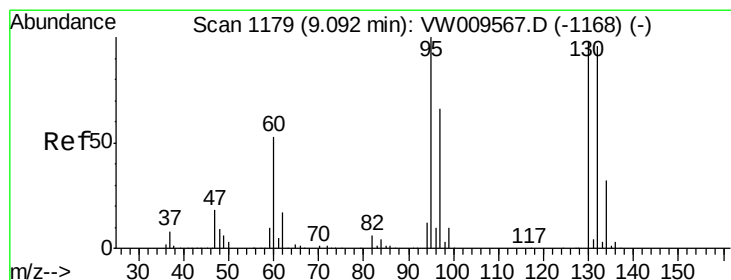
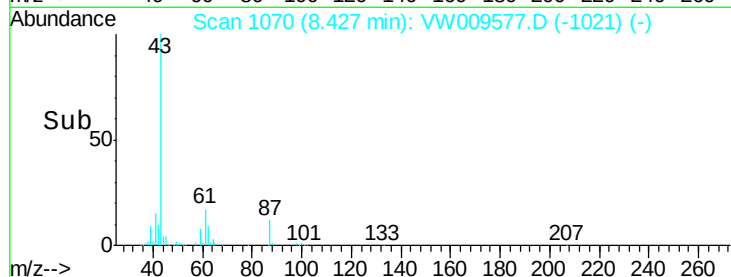
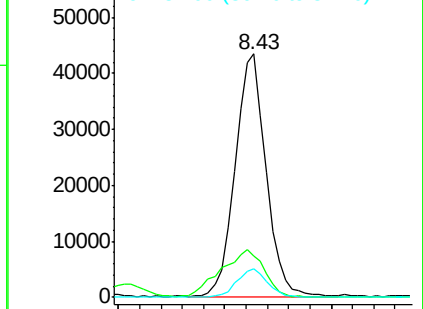
87 11.6 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.583 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW009577.D

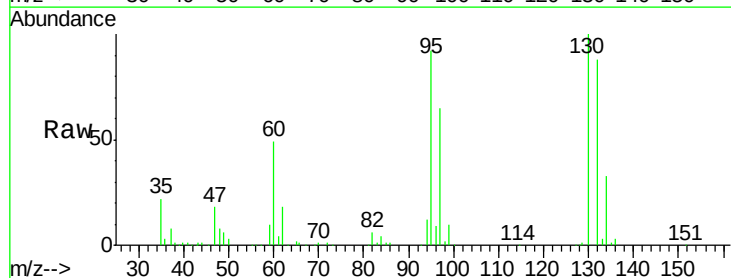
Acq: 29 Mar 2019 17:47

Tgt Ion: 130 Resp: 61495

Ion Ratio Lower Upper

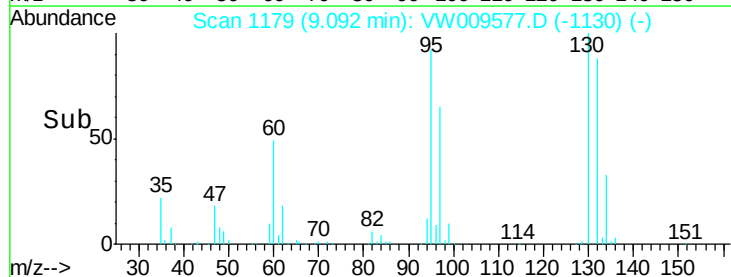
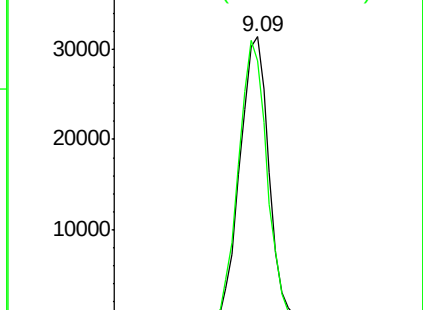
130 100

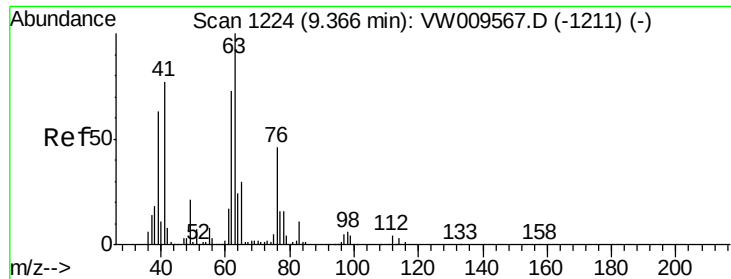
95 91.6 0.0 192.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

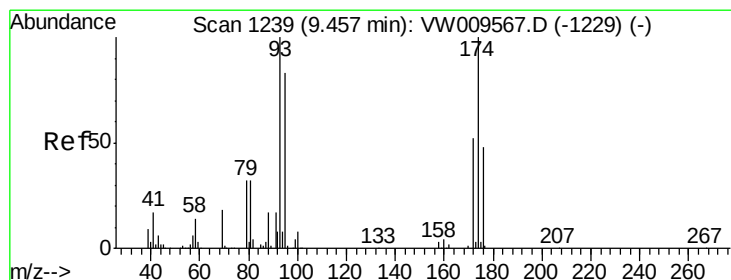
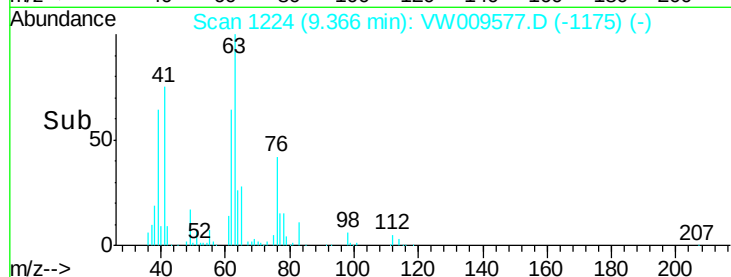
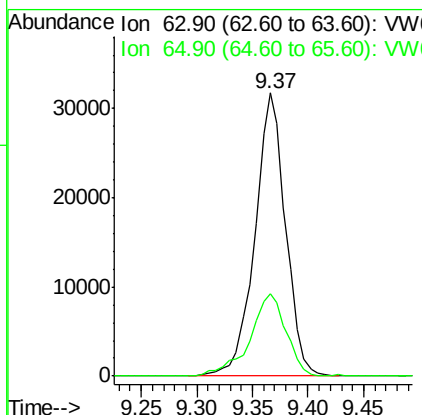
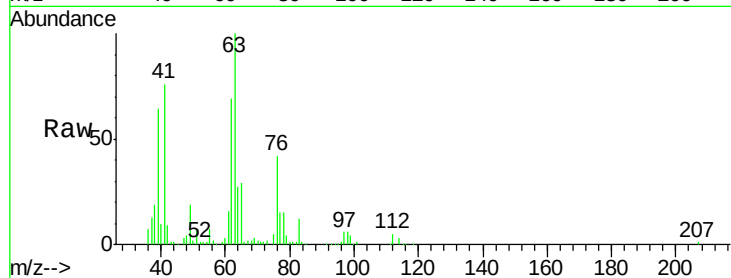




#45
 1,2-Dichloropropane
 Concen: 19.604 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

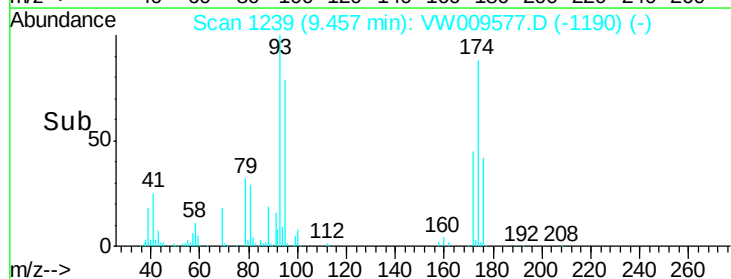
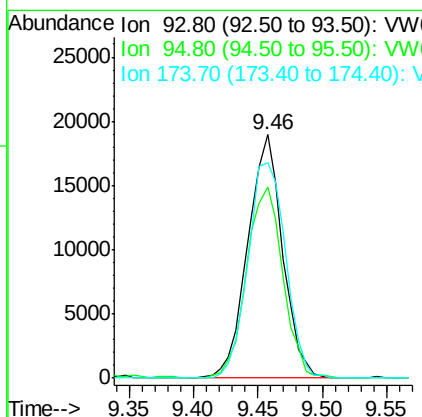
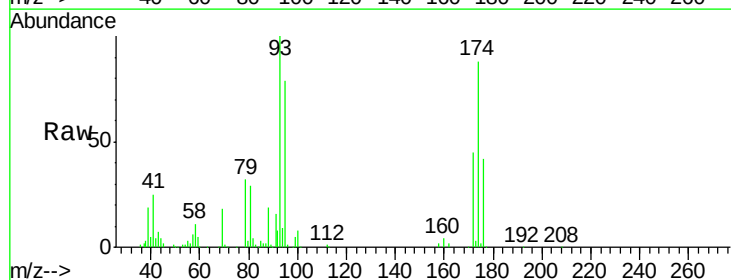
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

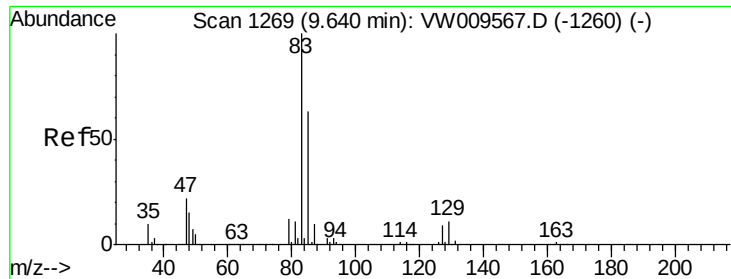
Tgt Ion: 63 Resp: 60865
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.8 38.8



#46
 Dibromomethane
 Concen: 21.008 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 93 Resp: 35333
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.9 100.3
 174 96.0 80.8 121.2





#47

Bromodichloromethane

Concen: 19.840 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

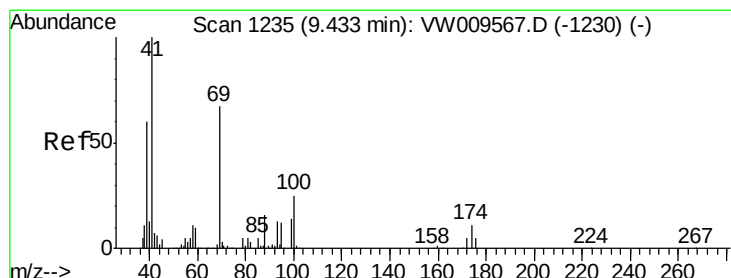
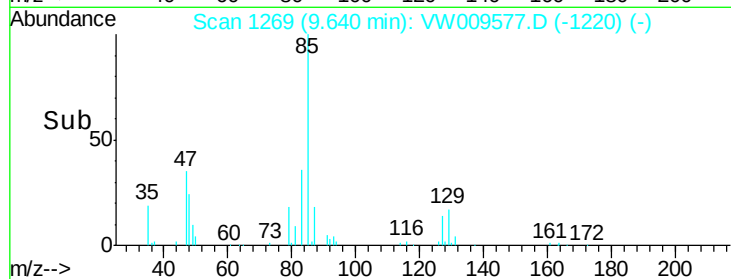
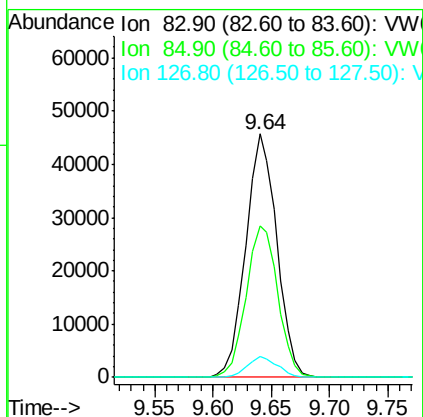
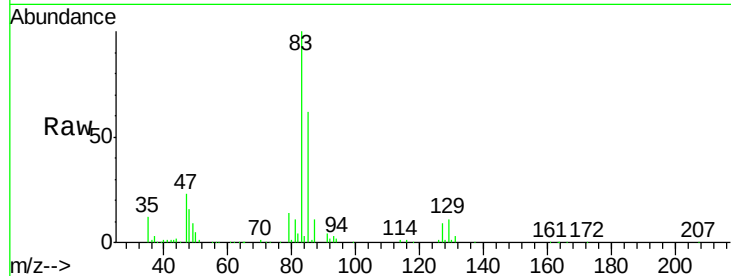
Tgt Ion: 83 Resp: 85117

Ion Ratio Lower Upper

83 100

85 62.4 52.6 79.0

127 8.6 6.5 9.7



#48

Methyl methacrylate

Concen: 20.785 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

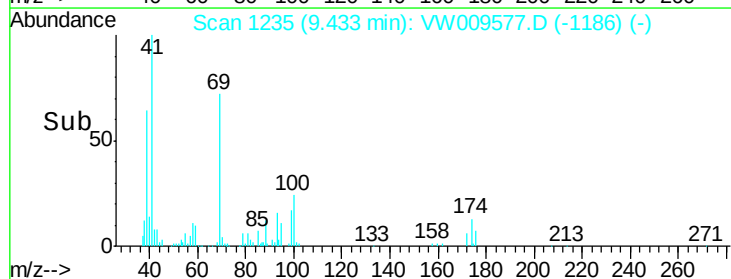
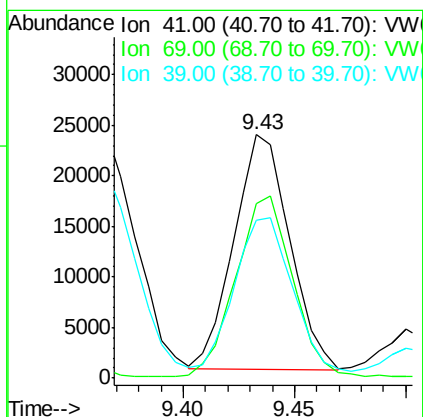
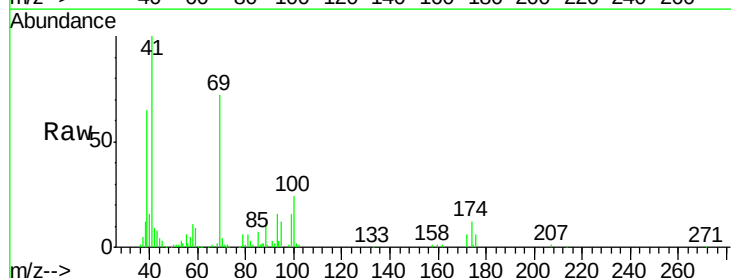
Tgt Ion: 41 Resp: 40624

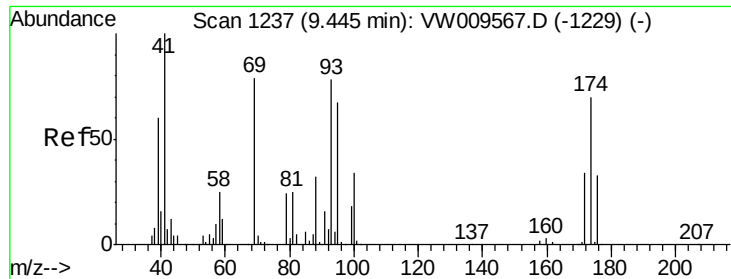
Ion Ratio Lower Upper

41 100

69 79.7 63.0 94.6

39 72.9 57.2 85.8





#49

1,4-Dioxane

Concen: 451.197 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBS01

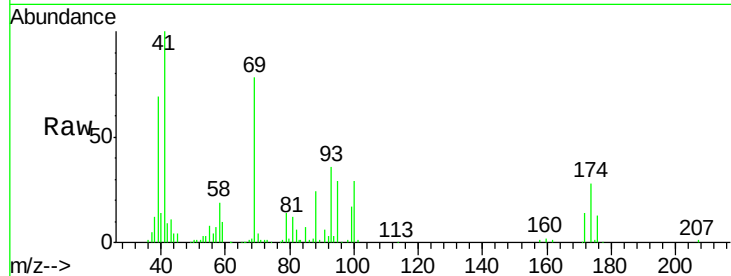
Tgt Ion: 88 Resp: 11301

Ion Ratio Lower Upper

88 100

43 39.3 29.7 44.5

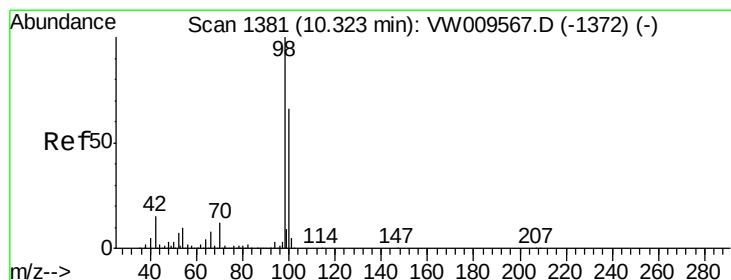
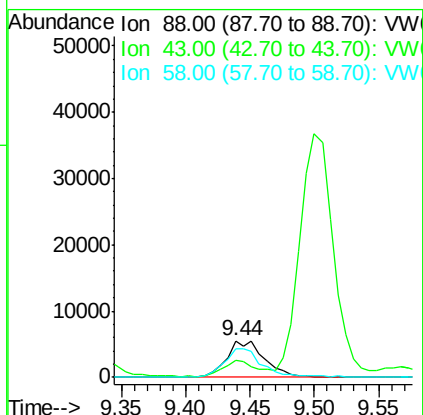
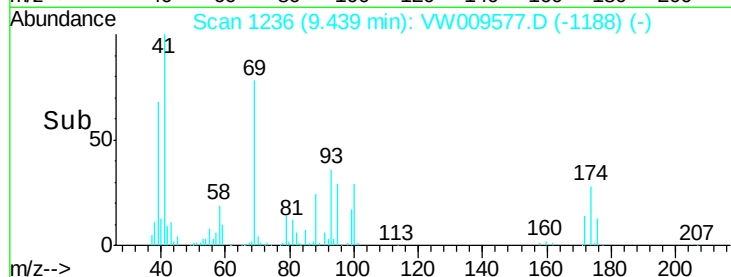
58 78.5 58.1 87.1



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: 51.980 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009577.D

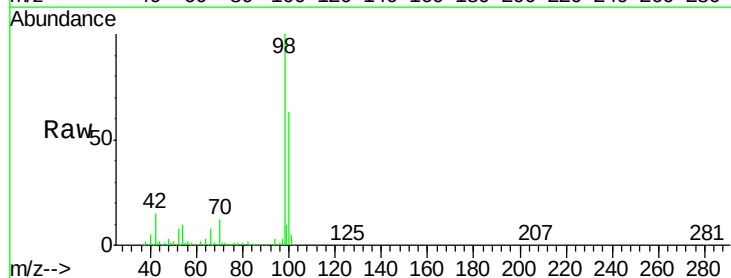
Acq: 29 Mar 2019 17:47

Tgt Ion: 98 Resp: 522434

Ion Ratio Lower Upper

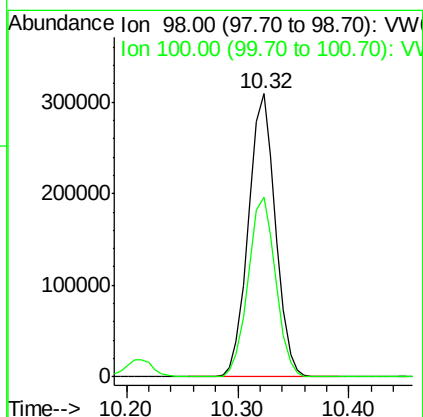
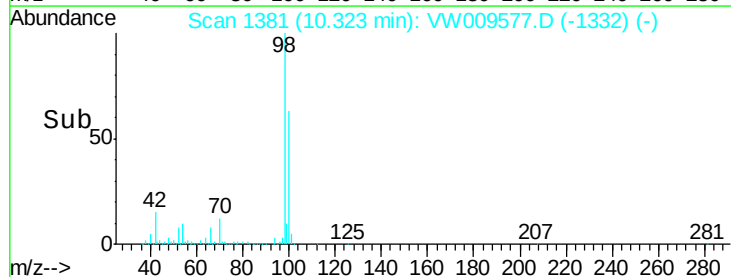
98 100

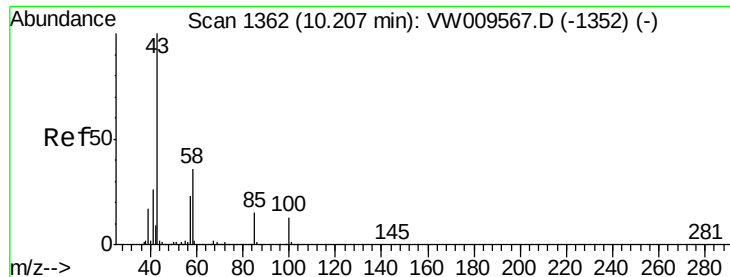
100 64.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

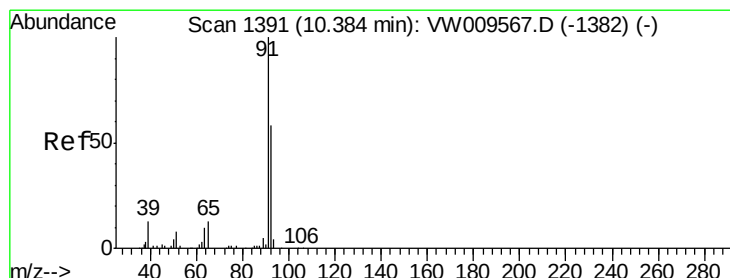
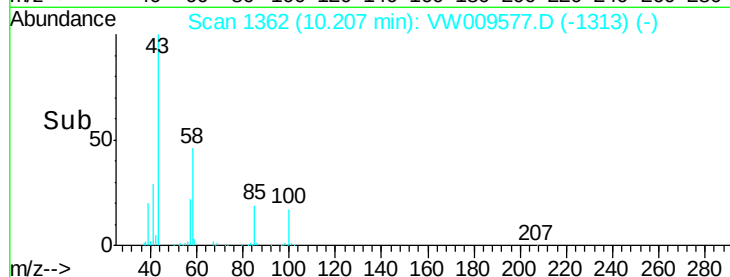
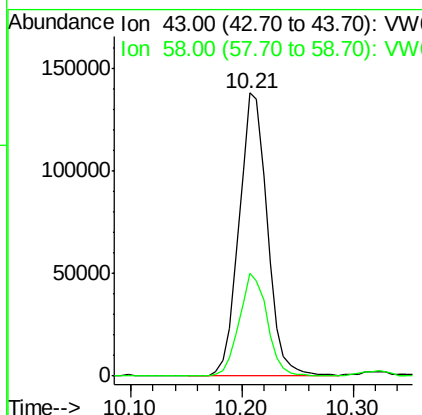
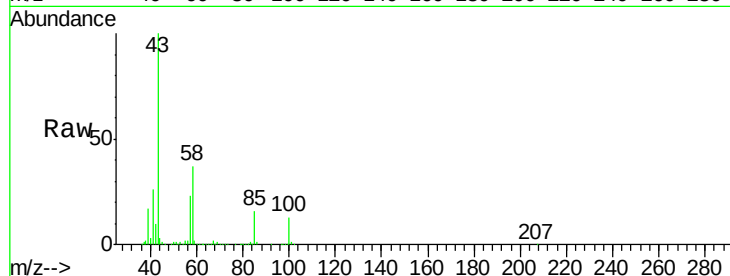




#51
 4-Methyl-2-Pentanone
 Concen: 109.007 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

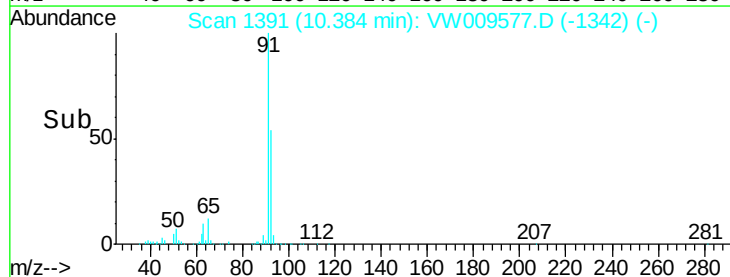
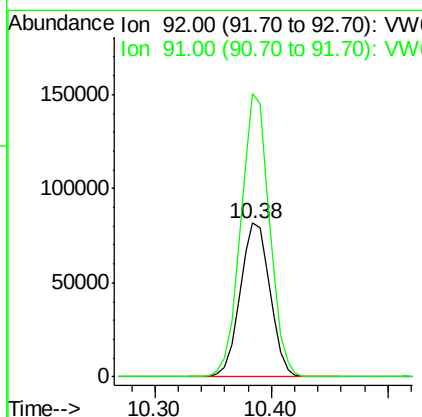
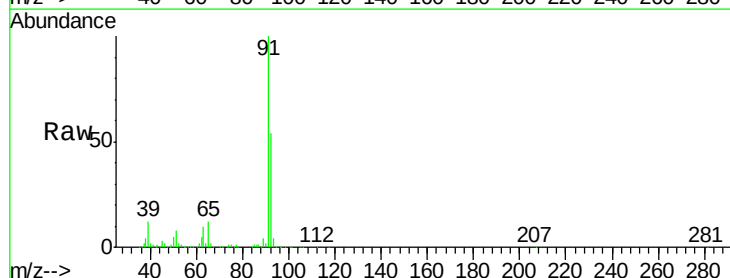
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

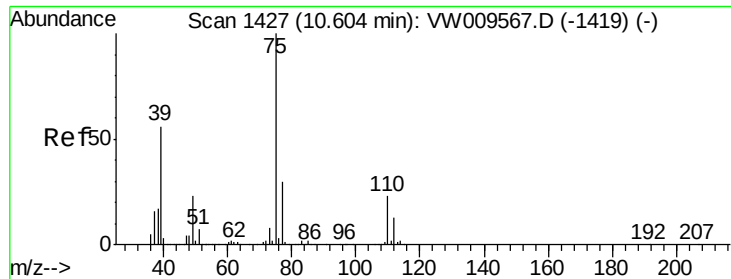
Tgt Ion: 43 Resp: 243175
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.6 42.8



#52
 Toluene
 Concen: 19.221 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 92 Resp: 146005
 Ion Ratio Lower Upper
 92 100
 91 177.5 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 19.346 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

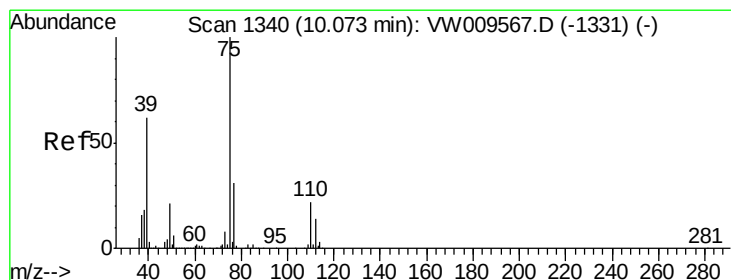
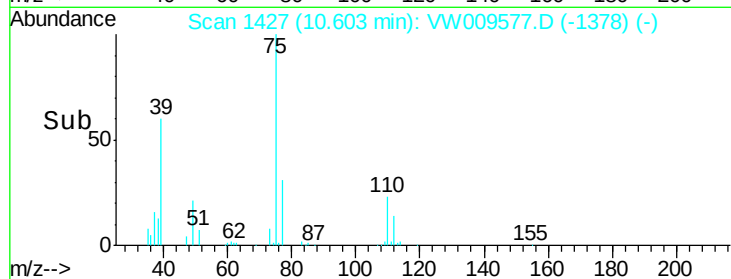
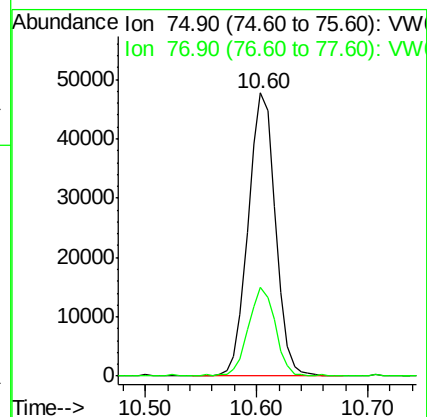
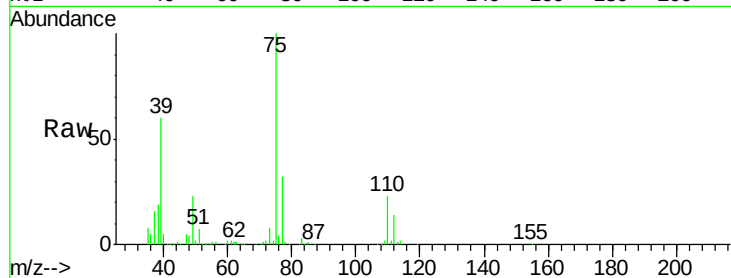
VW0329SBSD01

Tgt Ion: 75 Resp: 81271

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.620 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

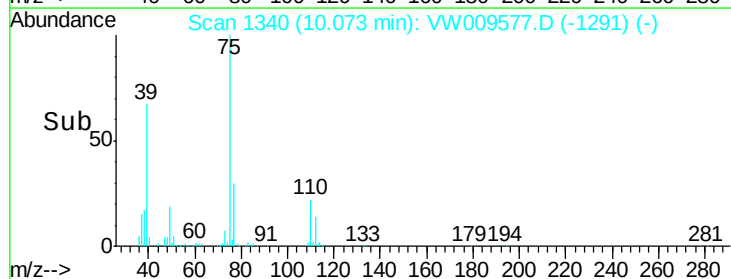
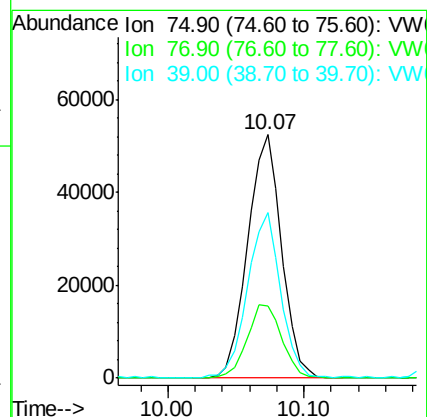
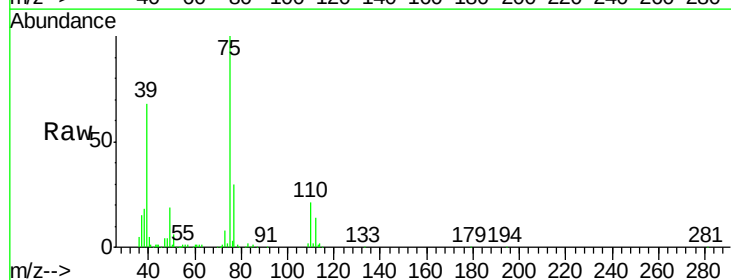
Tgt Ion: 75 Resp: 91387

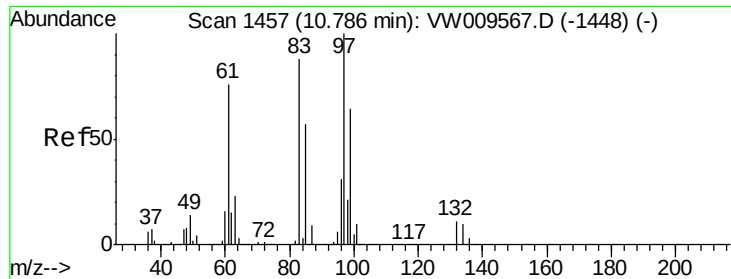
Ion Ratio Lower Upper

75 100

77 29.7 25.9 38.9

39 67.6 46.8 70.2

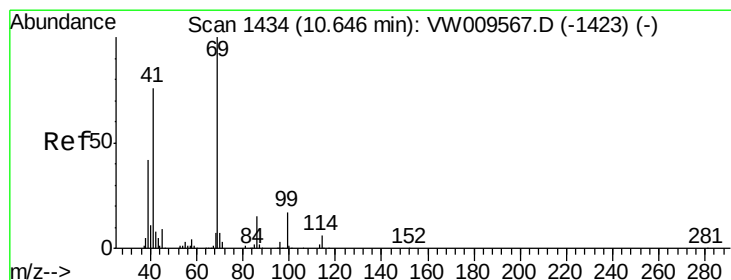
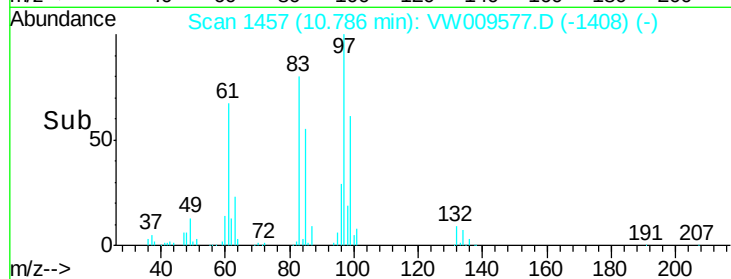
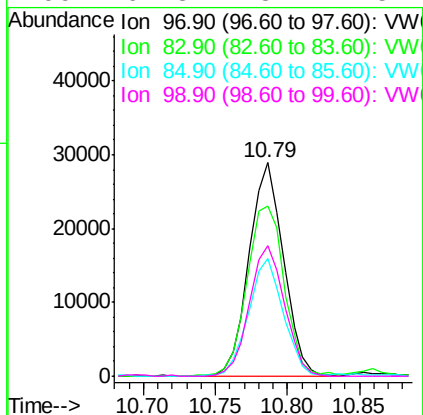
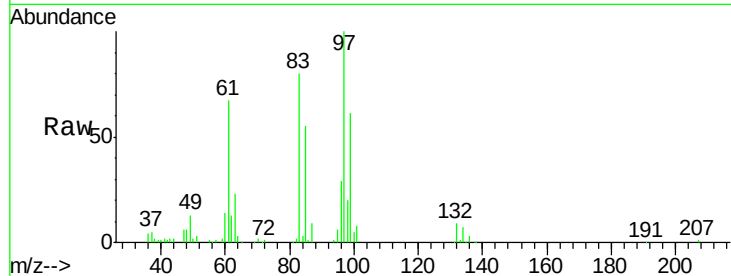




#55
 1,1,2-Trichloroethane
 Concen: 21.025 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

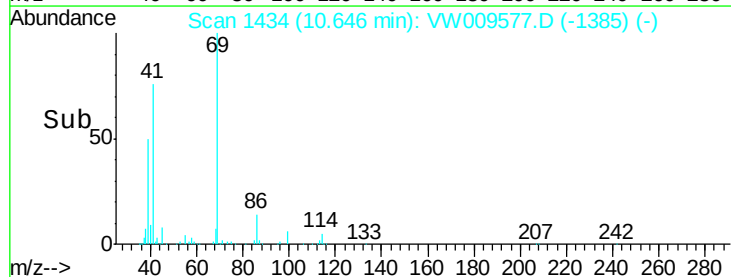
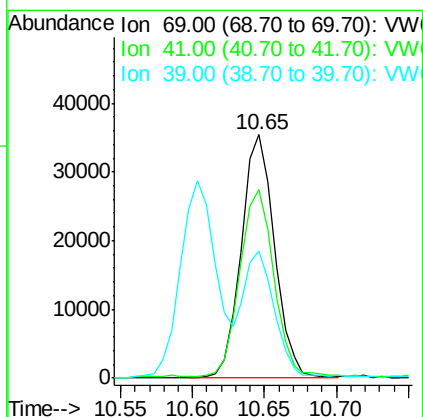
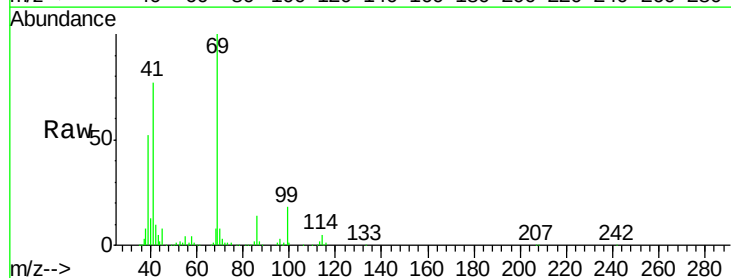
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

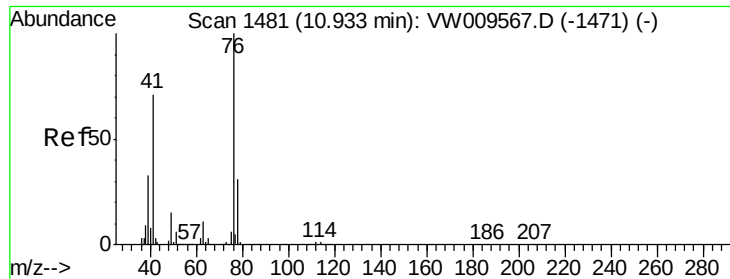
Tgt Ion:	97	Resp:	47798
Ion	Ratio	Lower	Upper
97	100		
83	80.0	66.3	99.5
85	55.0	41.4	62.2
99	61.3	48.7	73.1



#56
 Ethyl methacrylate
 Concen: 20.420 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion:	69	Resp:	56642
Ion	Ratio	Lower	Upper
69	100		
41	79.5	59.3	88.9
39	49.1	36.2	54.2





#57

1,3-Dichloropropane

Concen: 20.063 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

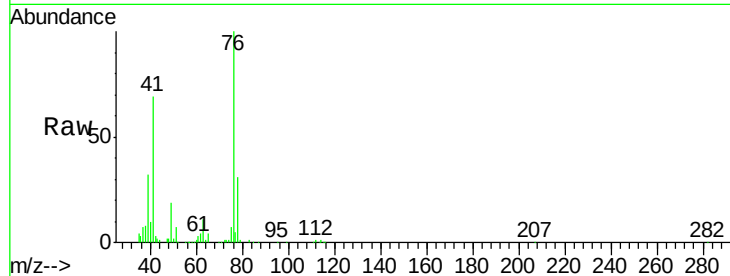
VW0329SBSD01

Tgt Ion: 76 Resp: 80848

Ion Ratio Lower Upper

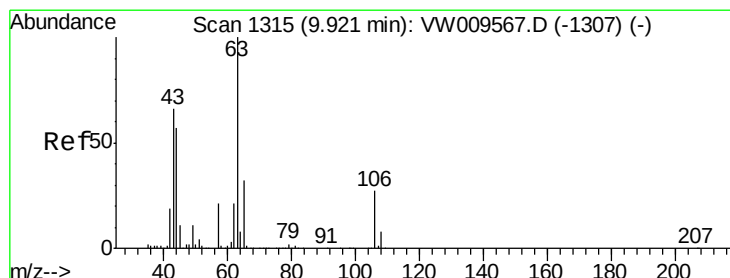
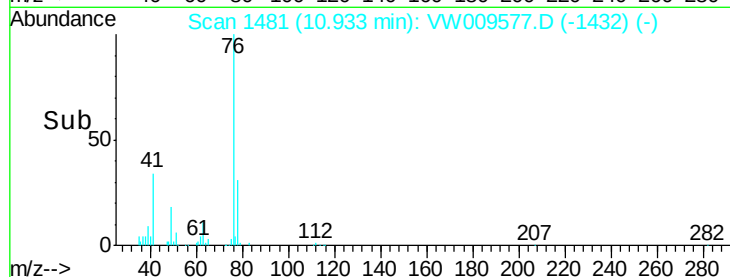
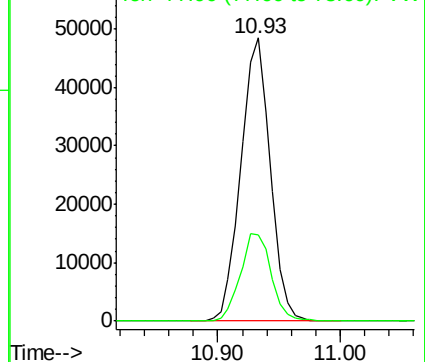
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 104.604 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW009577.D

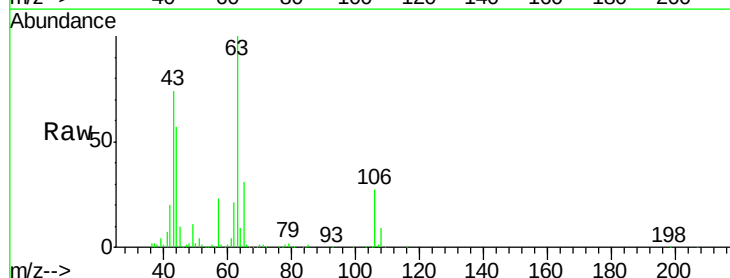
Acq: 29 Mar 2019 17:47

Tgt Ion: 63 Resp: 142588

Ion Ratio Lower Upper

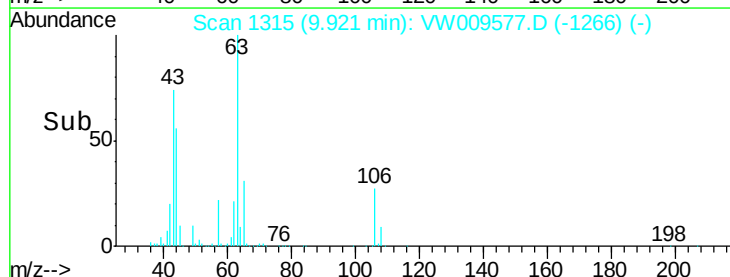
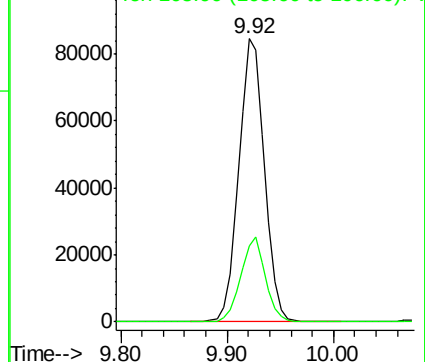
63 100

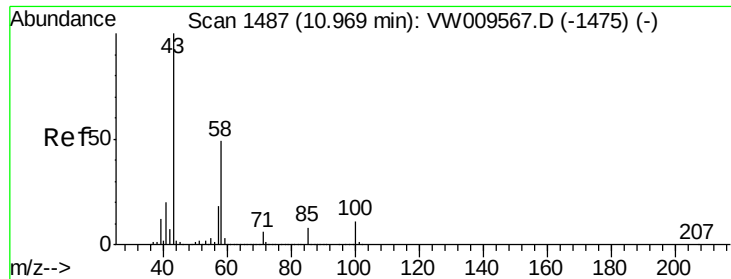
106 28.6 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

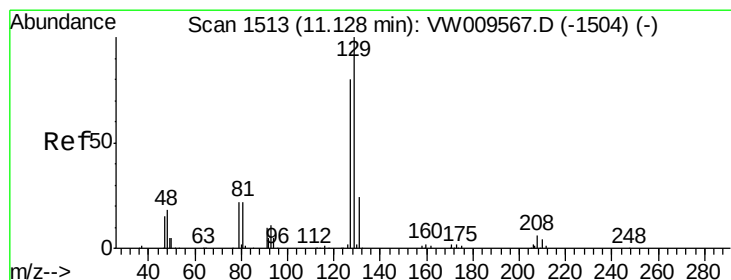
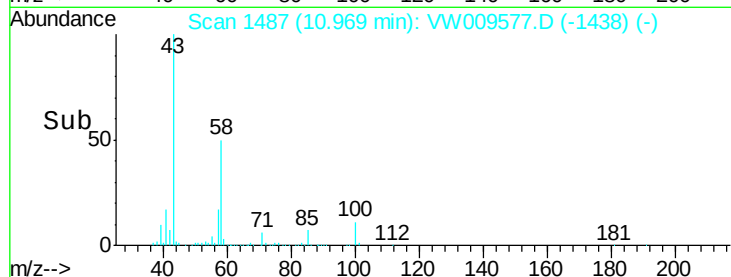
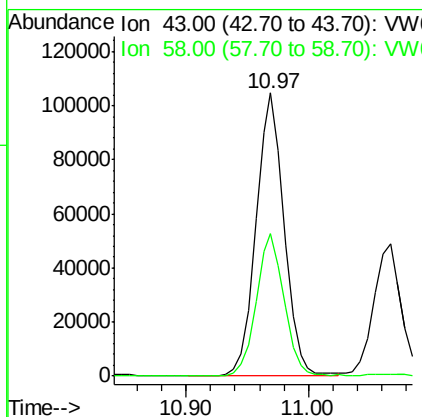
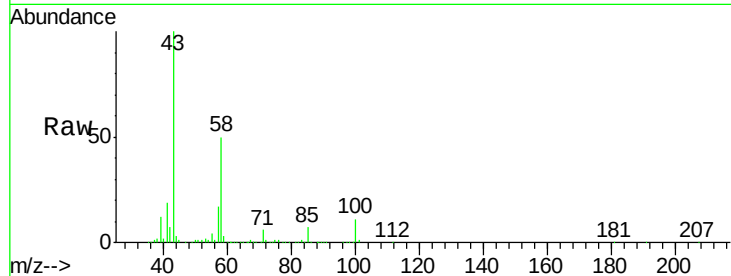




#59
2-Hexanone
Concen: 108.906 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

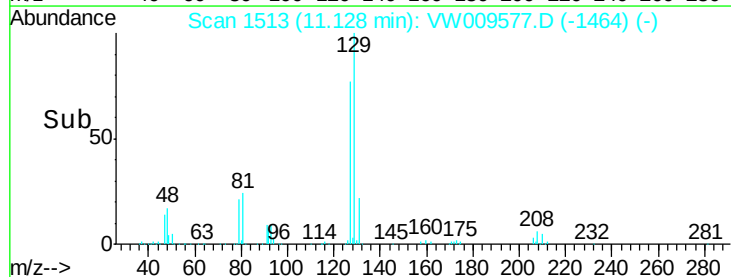
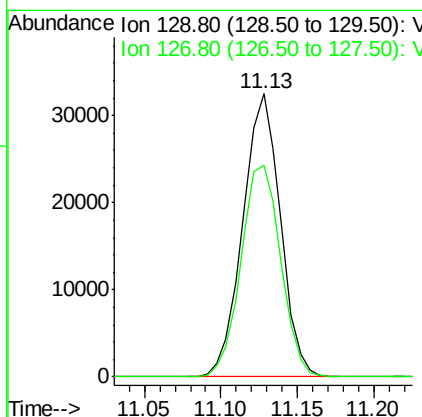
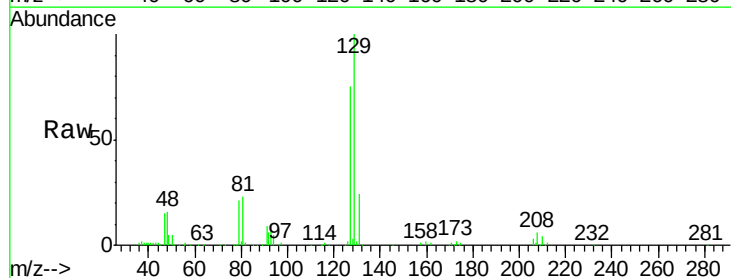
Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

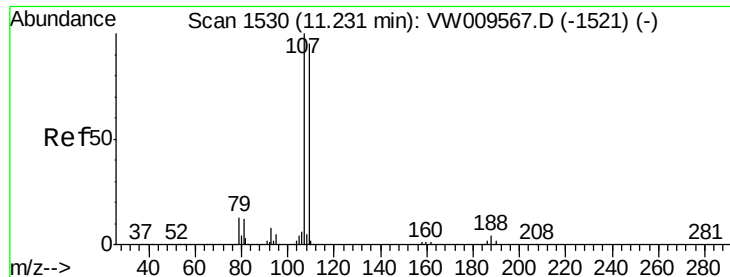
Tgt Ion: 43 Resp: 168140
Ion Ratio Lower Upper
43 100
58 49.7 24.2 72.6



#60
Dibromochloromethane
Concen: 20.281 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion: 129 Resp: 55672
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.5

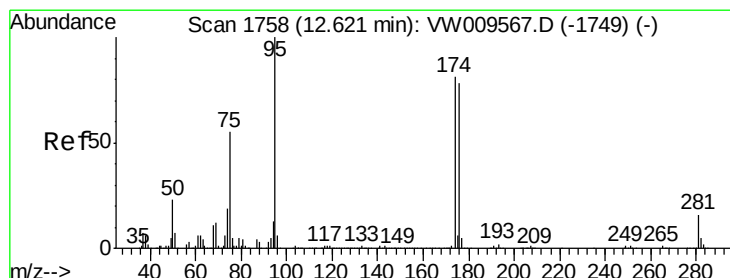
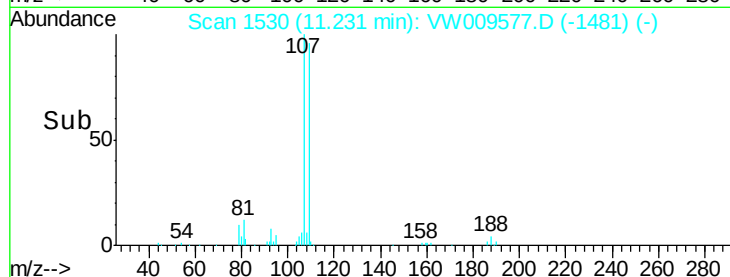
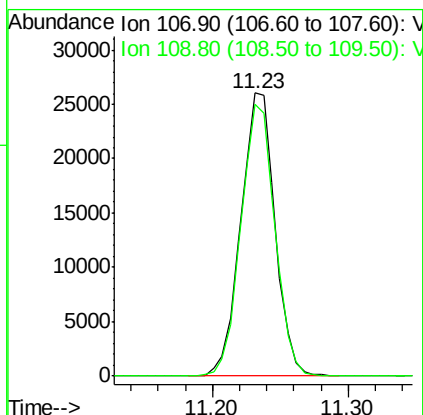
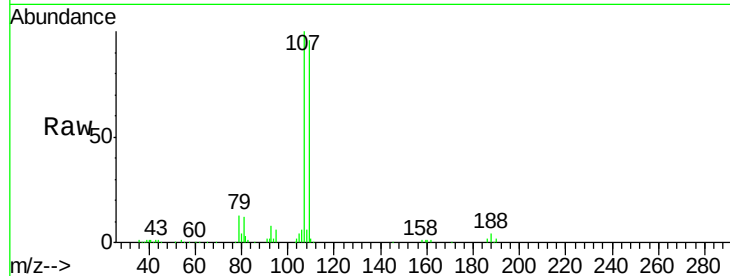




#61
 1,2-Dibromoethane
 Concen: 20.899 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

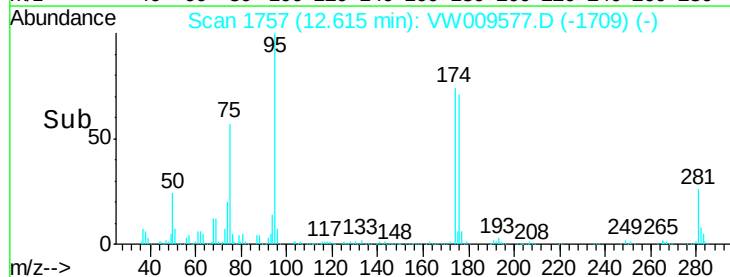
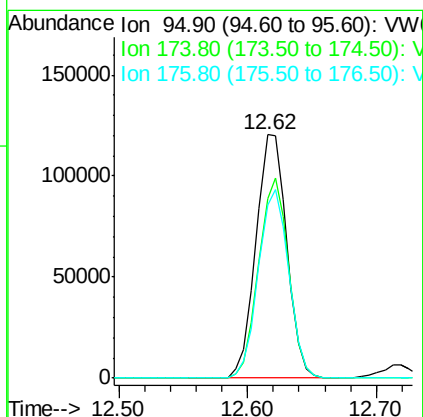
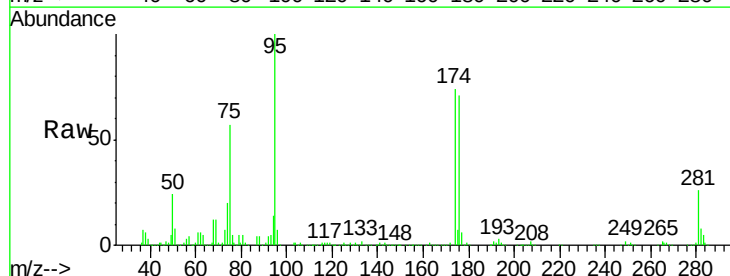
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

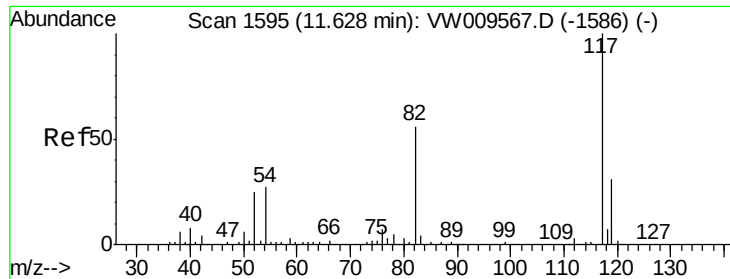
Tgt Ion: 107 Resp: 45561
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.103 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 95 Resp: 199107
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 168.4
 176 76.5 0.0 161.6

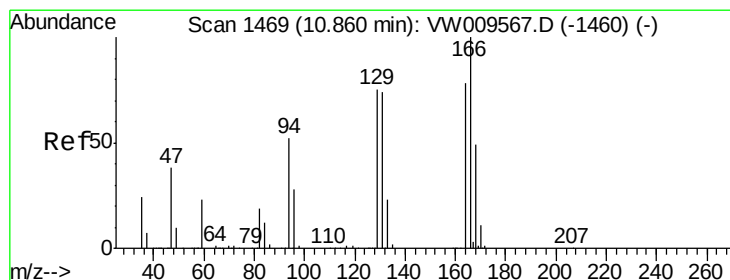
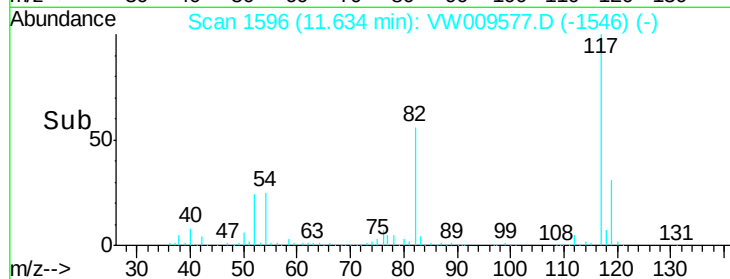
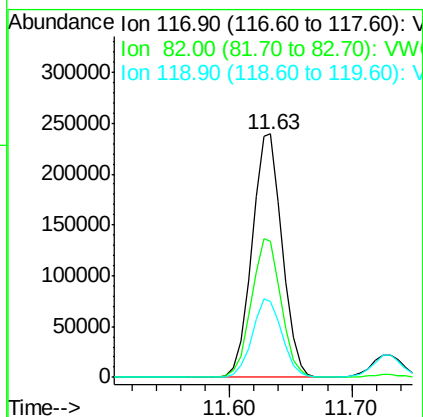
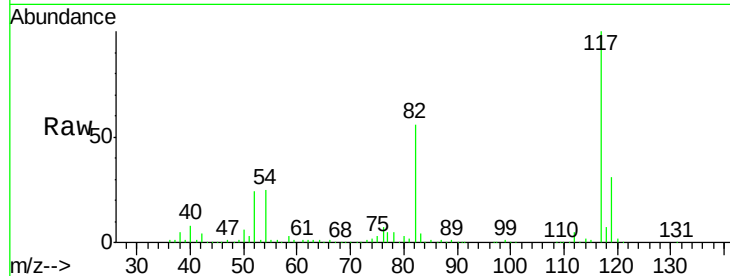




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

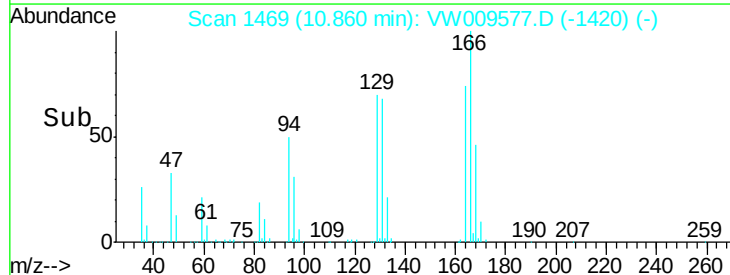
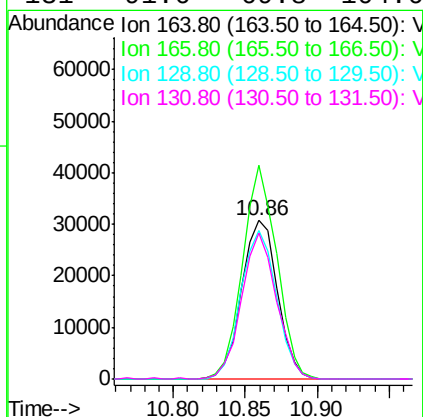
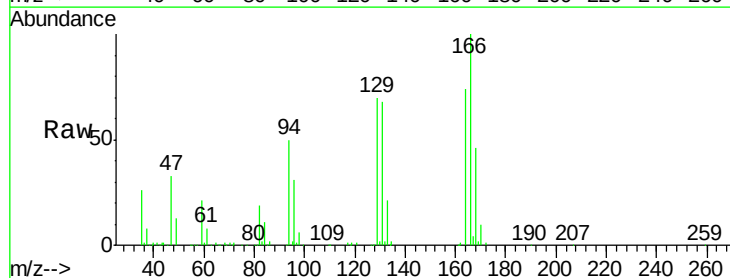
Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

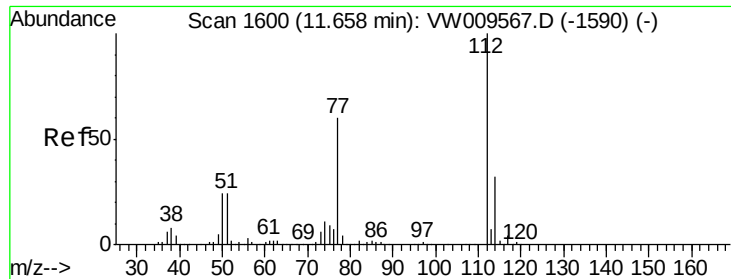
Tgt Ion:117 Resp: 410050
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 31.2 26.0 39.0



#64
Tetrachloroethene
Concen: 19.061 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion:164 Resp: 53069
Ion Ratio Lower Upper
164 100
166 134.6 100.9 151.3
129 93.8 72.0 108.0
131 91.6 69.8 104.6

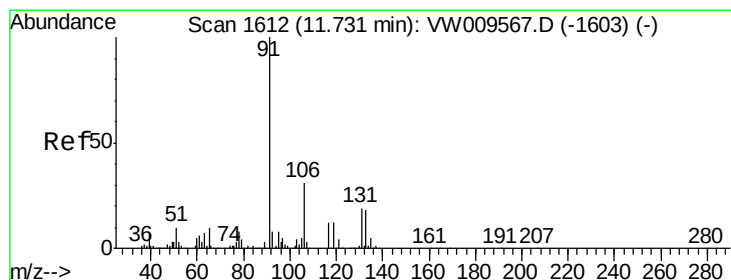
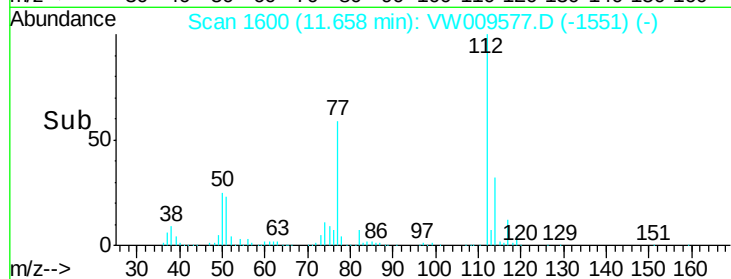
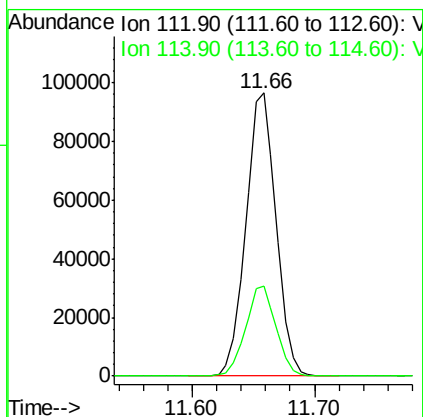
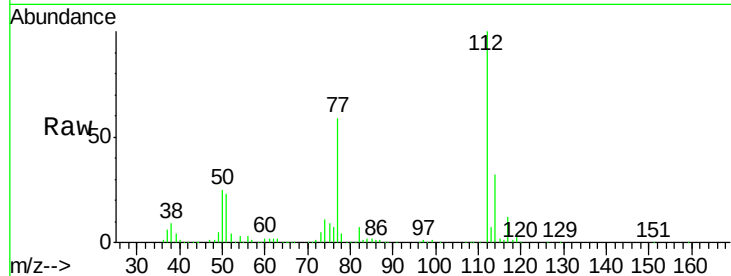




#65
Chlorobenzene
Concen: 19.097 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

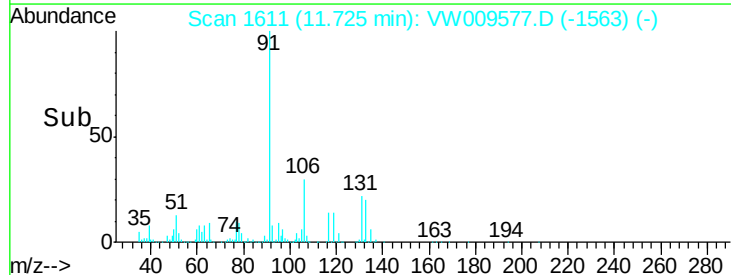
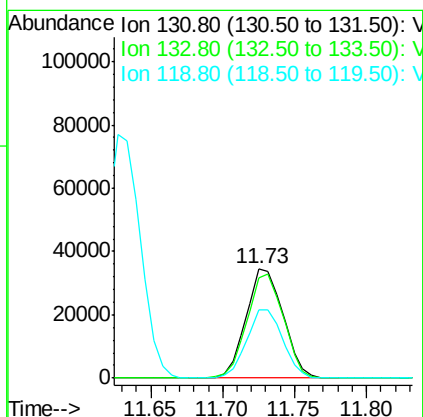
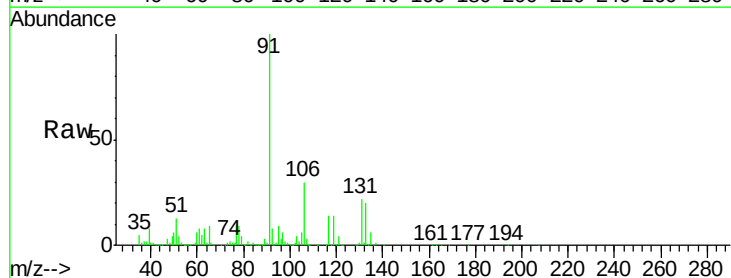
Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

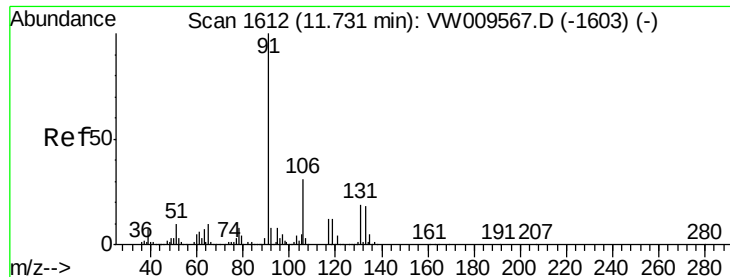
Tgt Ion:112 Resp: 164926
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.509 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion:131 Resp: 61389
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 61.4 31.6 95.0

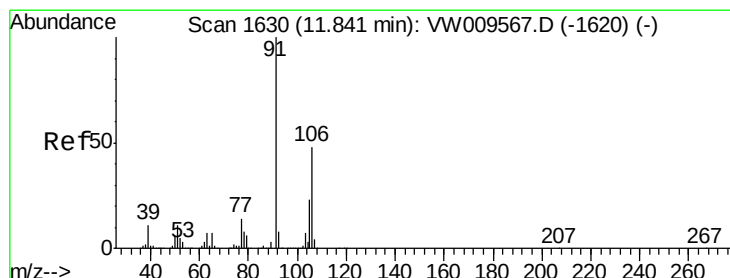
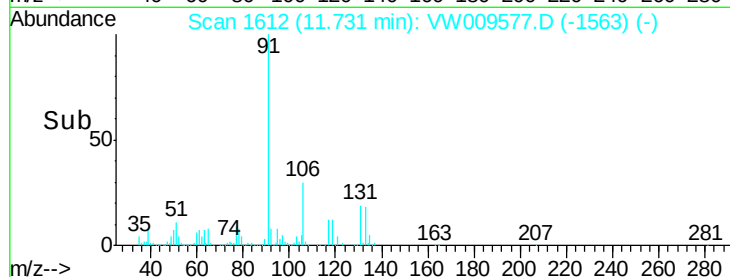
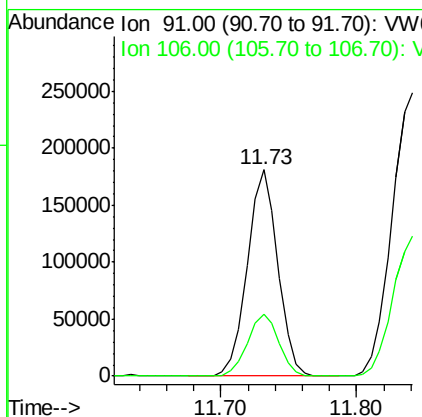
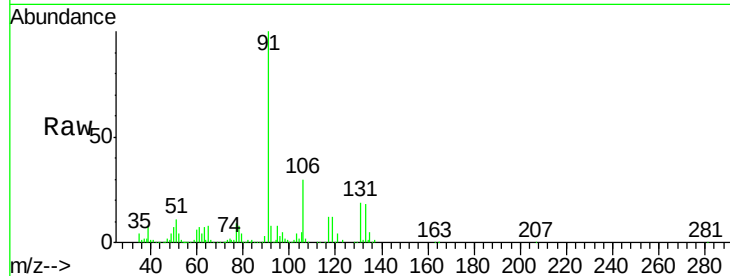




#67
Ethyl Benzene
Concen: 18.666 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

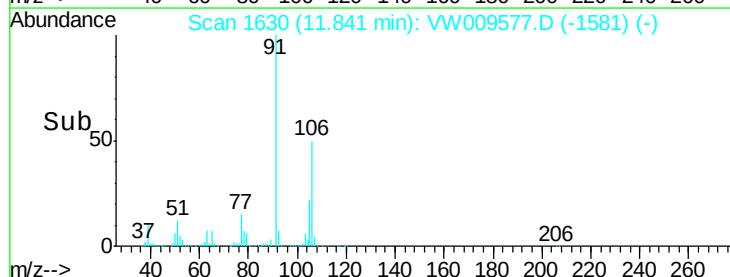
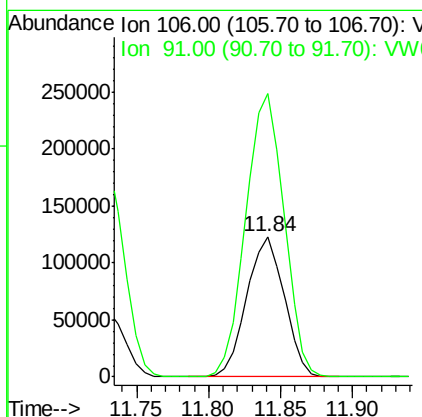
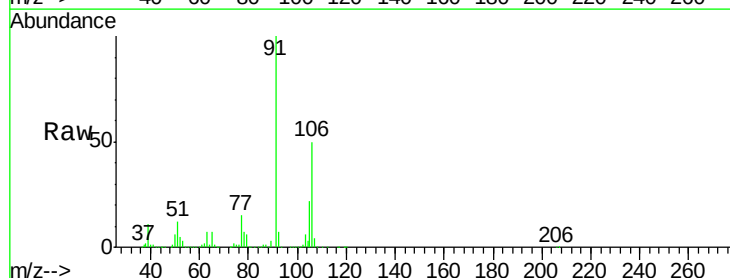
Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

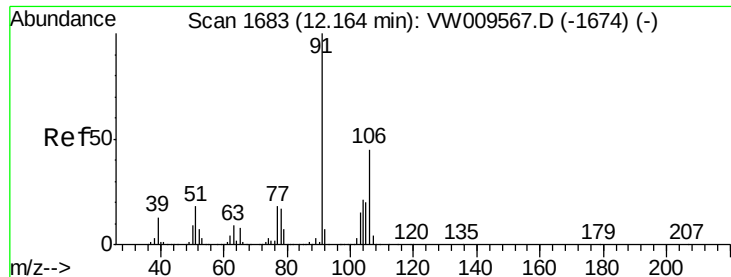
Tgt Ion: 91 Resp: 284005
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 38.566 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion: 106 Resp: 222810
Ion Ratio Lower Upper
106 100
91 205.7 163.1 244.7

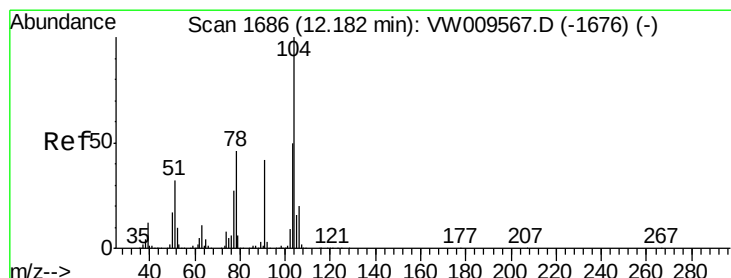
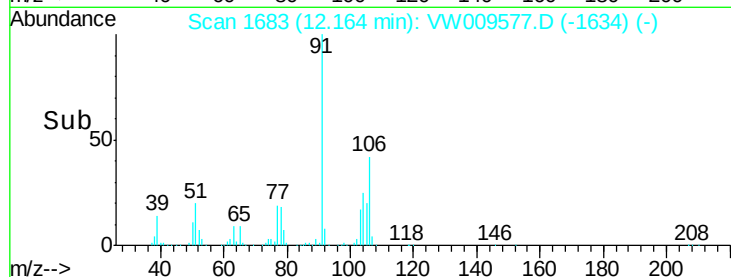
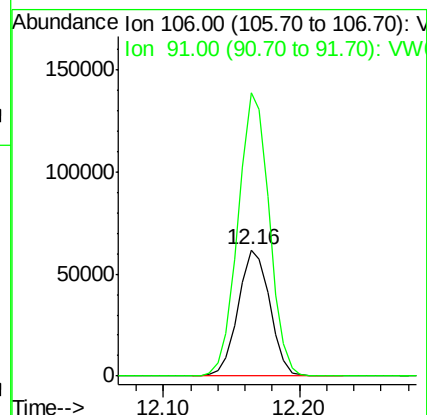
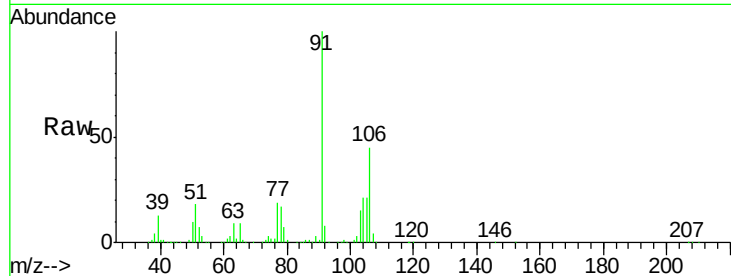




#69
o-Xylene
Concen: 18.652 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

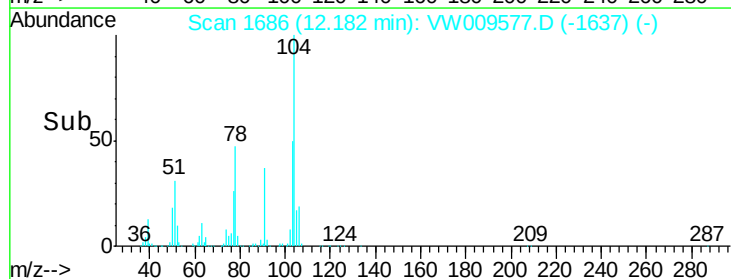
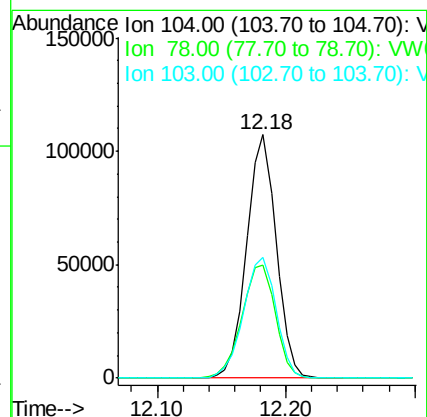
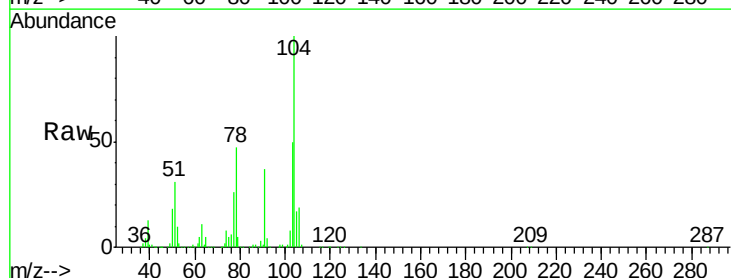
Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

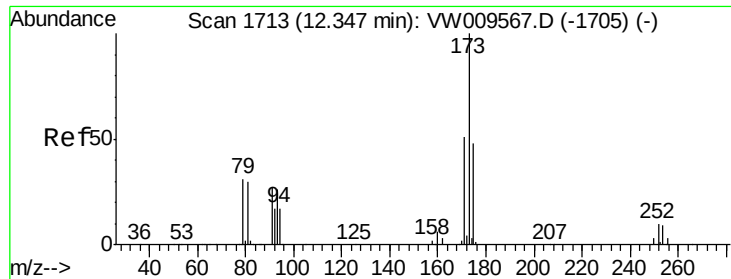
Tgt Ion:106 Resp: 100354
Ion Ratio Lower Upper
106 100
91 221.8 108.6 325.8



#70
Styrene
Concen: 18.952 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion:104 Resp: 170319
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 55.1 44.6 66.8

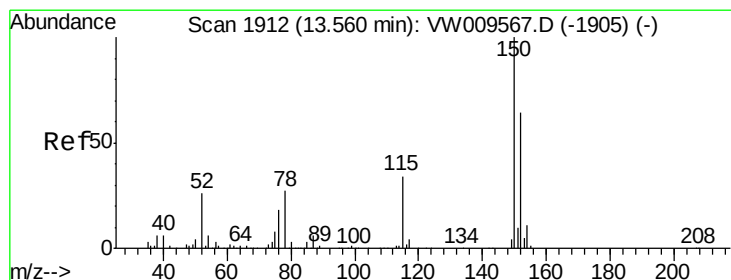
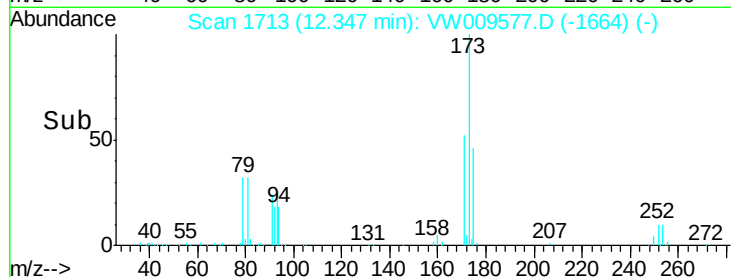
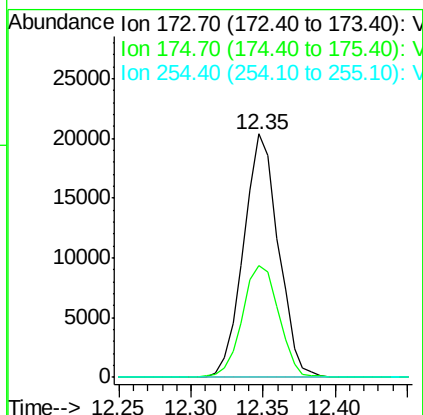
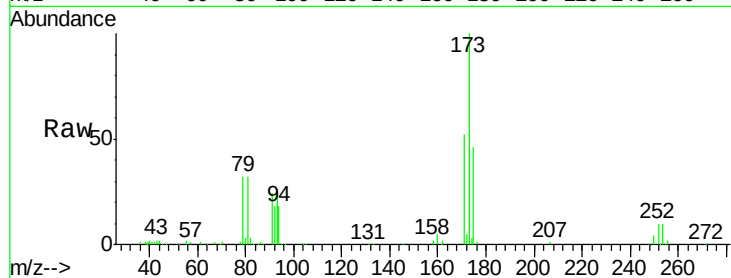




#71
Bromoform
Concen: 20.210 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

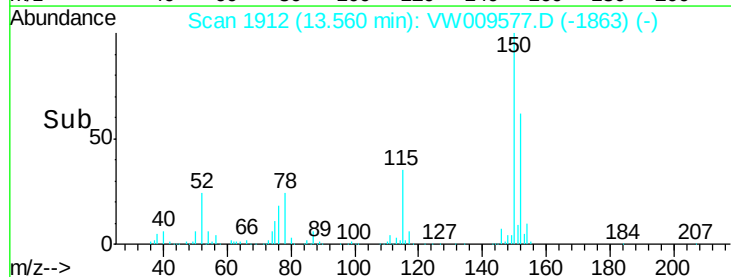
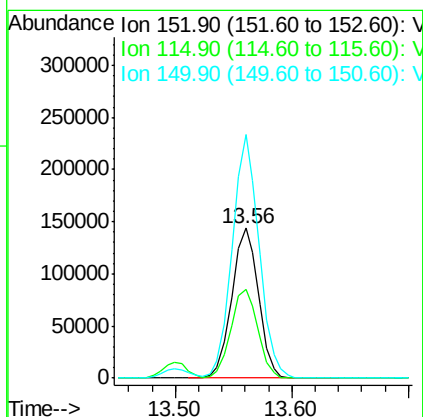
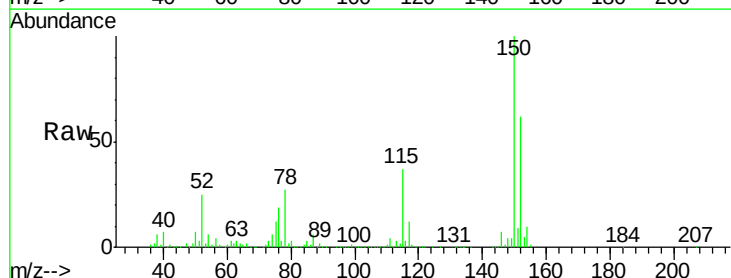
Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

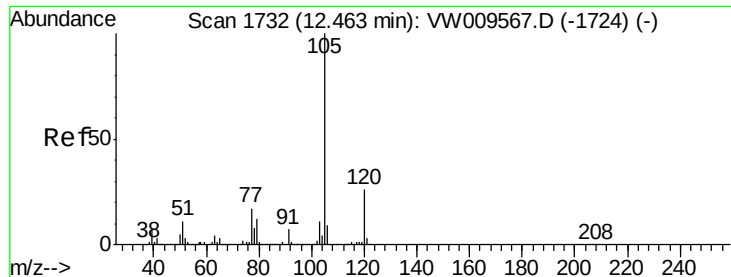
Tgt Ion:173 Resp: 34224
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.2 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion:152 Resp: 228423
Ion Ratio Lower Upper
152 100
115 60.3 29.6 88.8
150 163.3 0.0 349.2





#73

Isopropylbenzene

Concen: 18.298 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

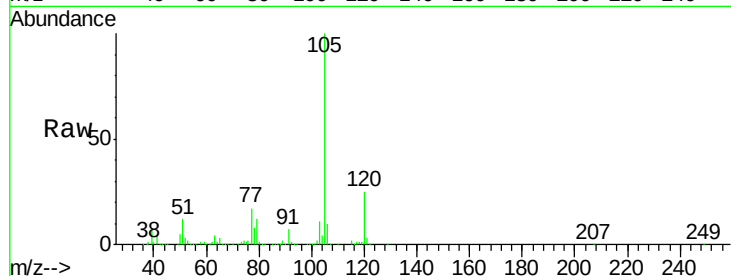
VW0329SBSD01

Tgt Ion:105 Resp: 290879

Ion Ratio Lower Upper

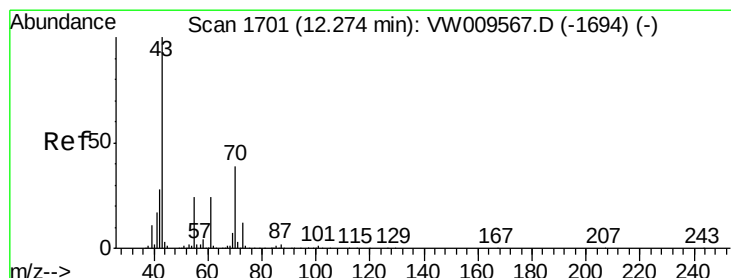
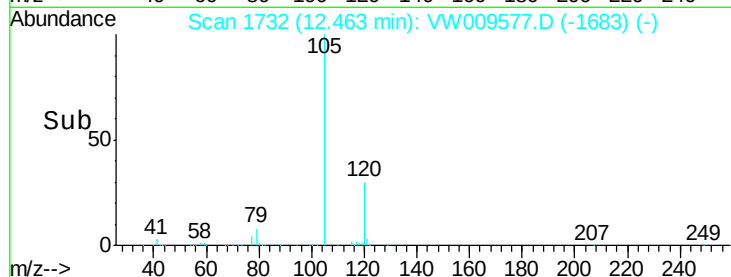
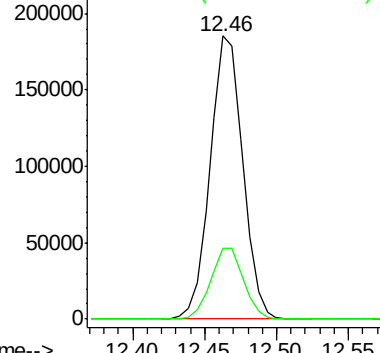
105 100

120 25.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.584 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Tgt Ion: 43 Resp: 86263

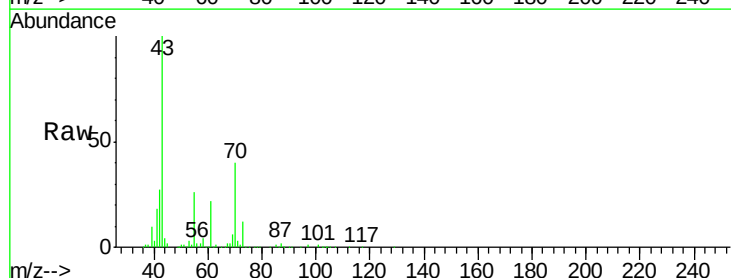
Ion Ratio Lower Upper

43 100

70 38.8 30.6 46.0

55 25.5 19.3 28.9

61 20.1 17.0 25.4

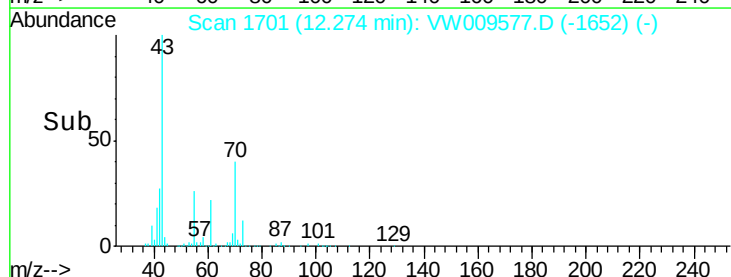
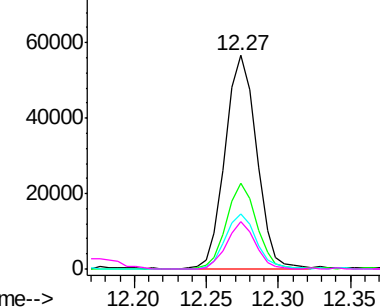


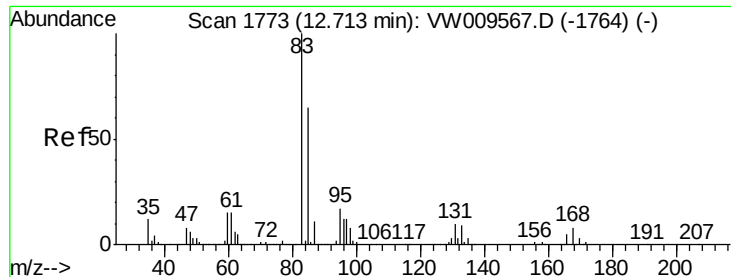
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.464 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

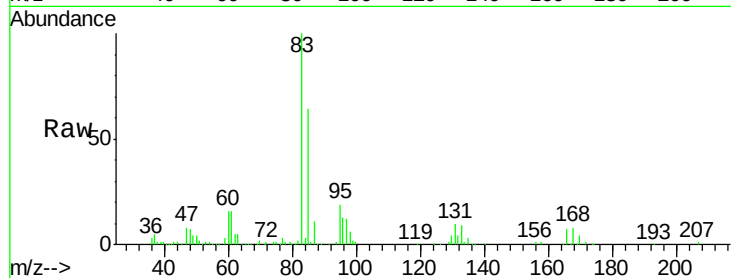
Tgt Ion: 83 Resp: 61519

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

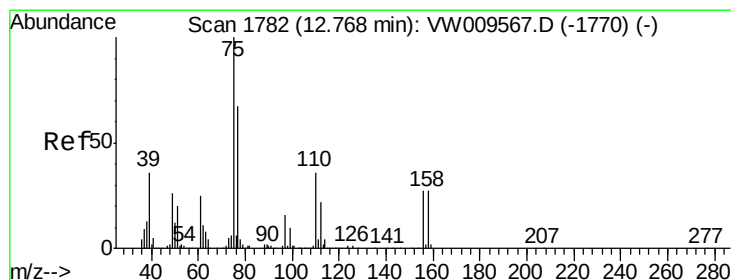
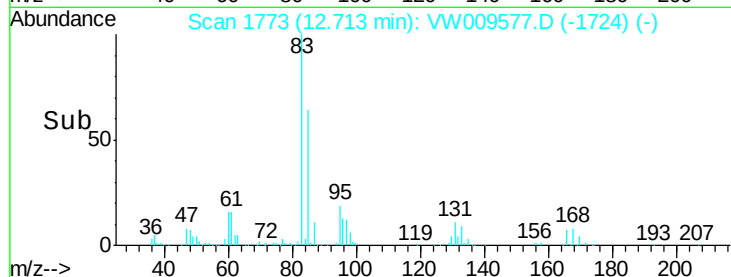
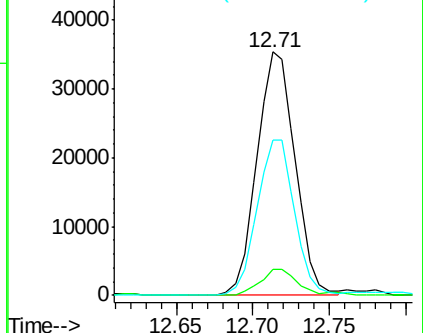
85 62.8 32.6 97.8



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: 37.405 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW009577.D

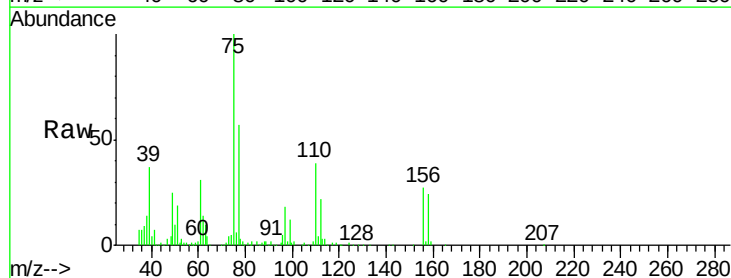
Acq: 29 Mar 2019 17:47

Tgt Ion: 75 Resp: 80348

Ion Ratio Lower Upper

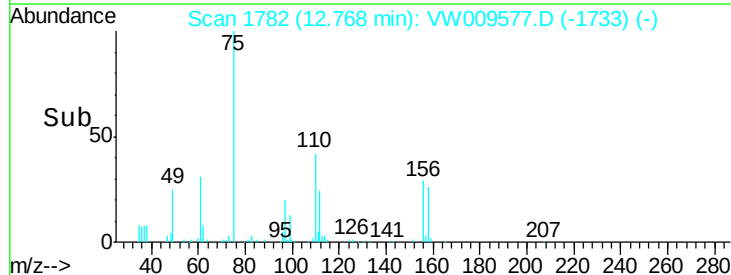
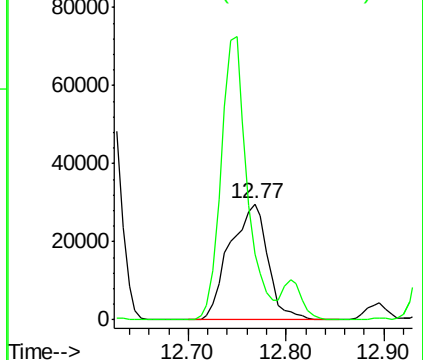
75 100

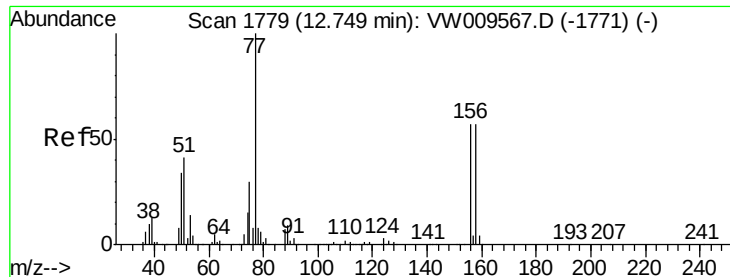
77 168.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

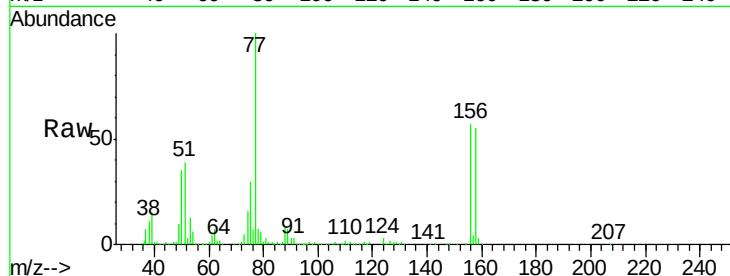




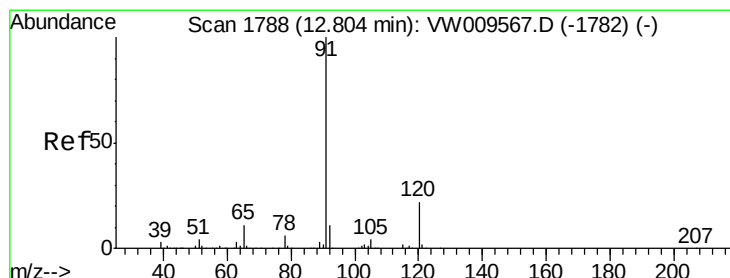
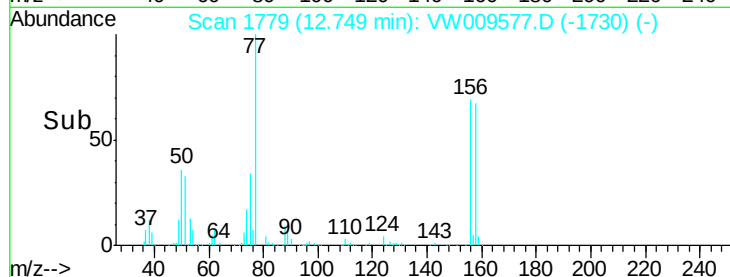
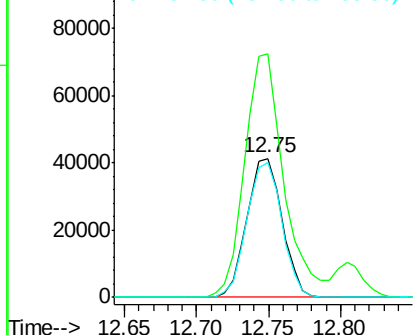
#77
Bromobenzene
Concen: 19.150 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Instrument :
MSVOA_W
ClientSampleId :
VW0329SBS01

Tgt Ion: 156 Resp: 70104
Ion Ratio Lower Upper
156 100
77 192.6 96.0 288.0
158 96.6 49.1 147.3

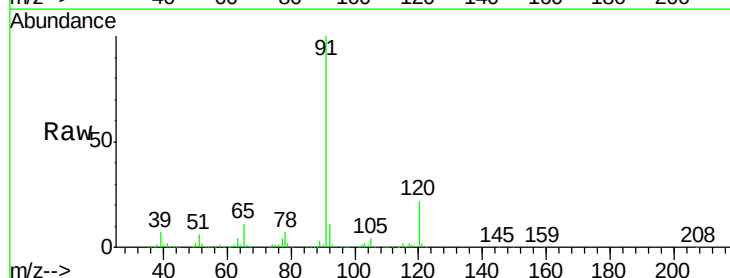


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

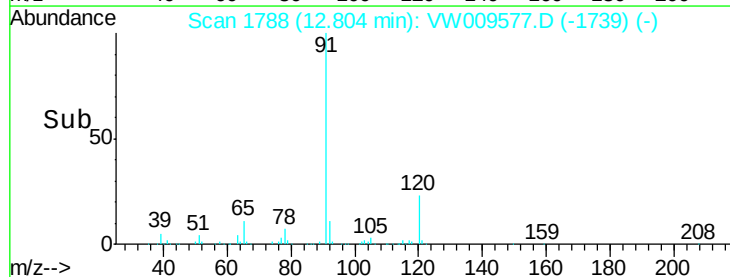
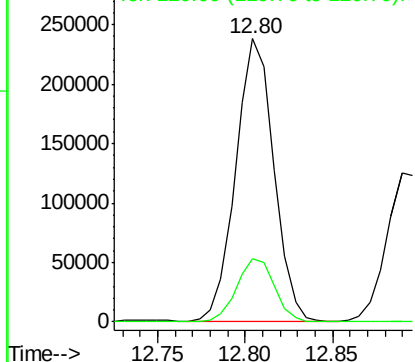


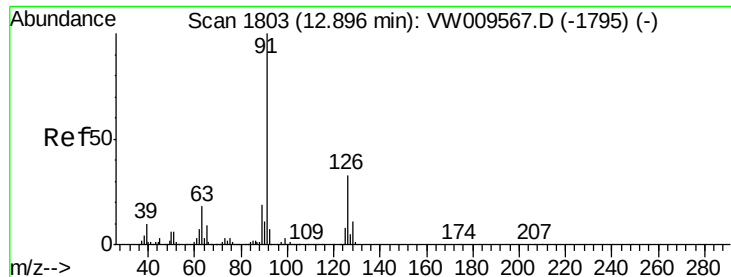
#78
n-propylbenzene
Concen: 18.397 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion: 91 Resp: 360610
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.362 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

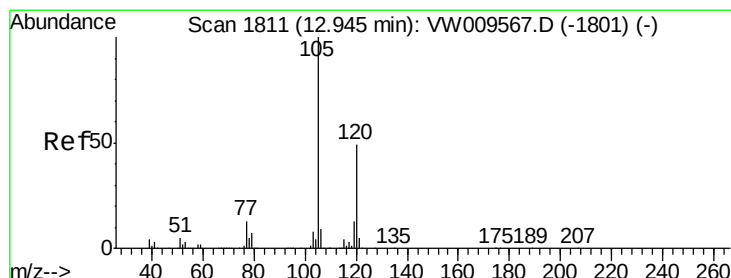
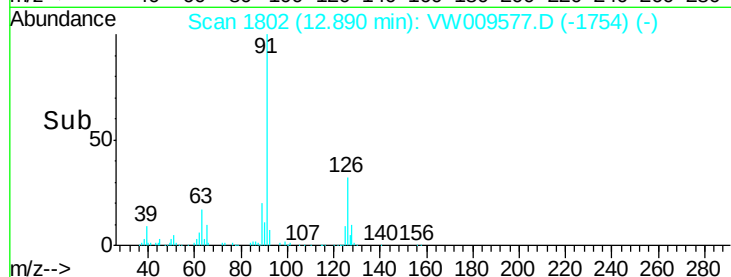
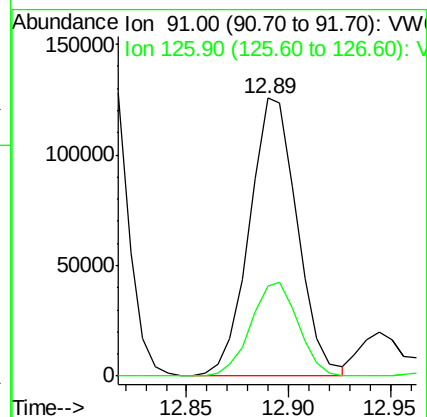
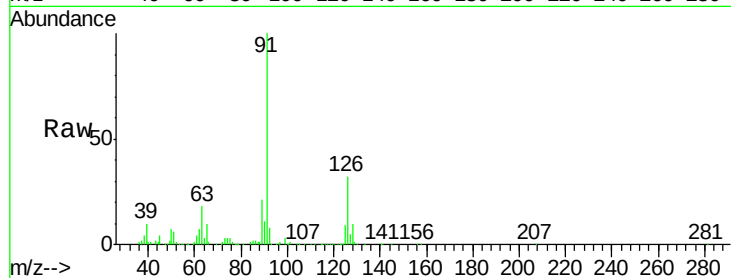
VW0329SBSD01

Tgt Ion: 91 Resp: 204546

Ion Ratio Lower Upper

91 100

126 33.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 18.620 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW009577.D

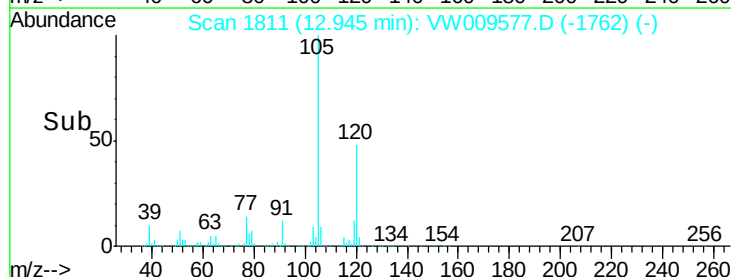
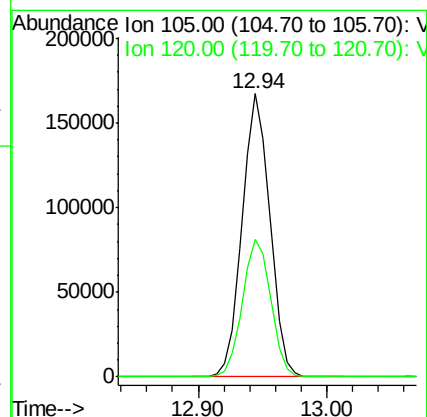
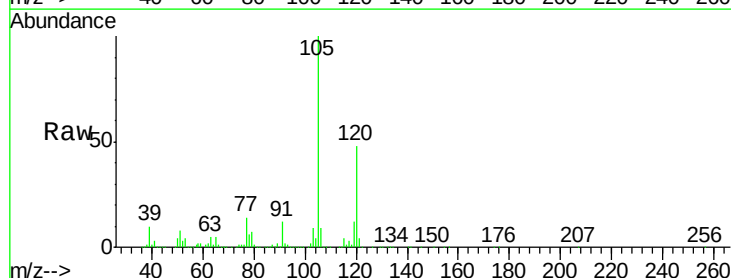
Acq: 29 Mar 2019 17:47

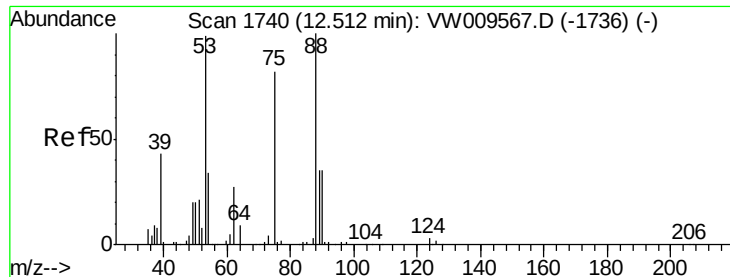
Tgt Ion: 105 Resp: 249273

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.585 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

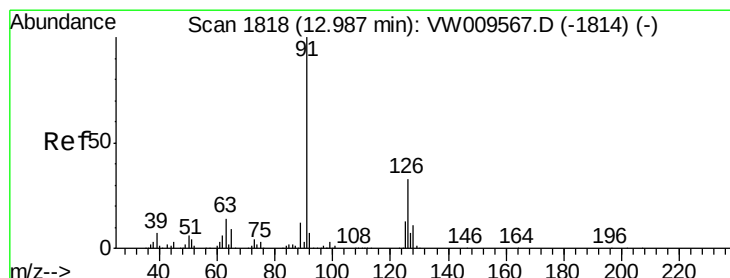
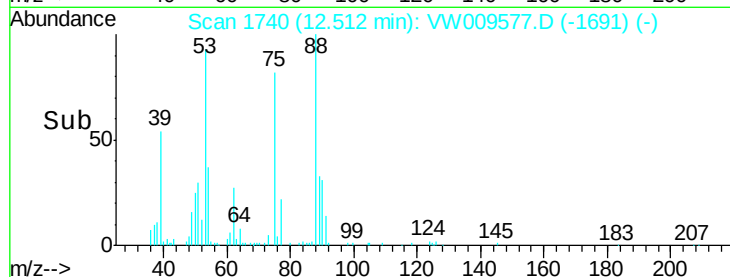
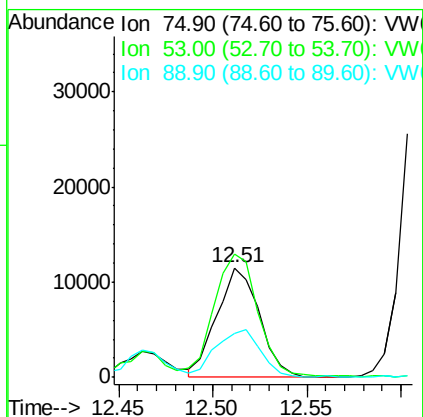
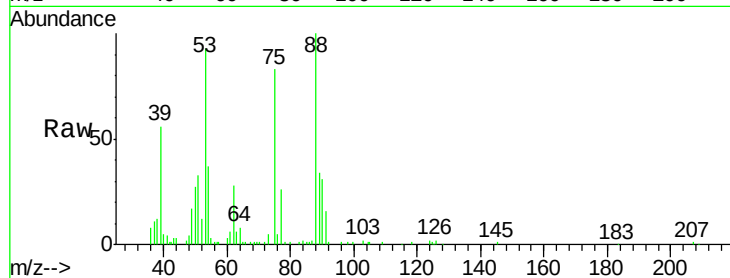
Tgt Ion: 75 Resp: 18091

Ion Ratio Lower Upper

75 100

53 115.0 86.7 130.1

89 45.9 36.4 54.6



#82

4-Chlorotoluene

Concen: 18.481 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW009577.D

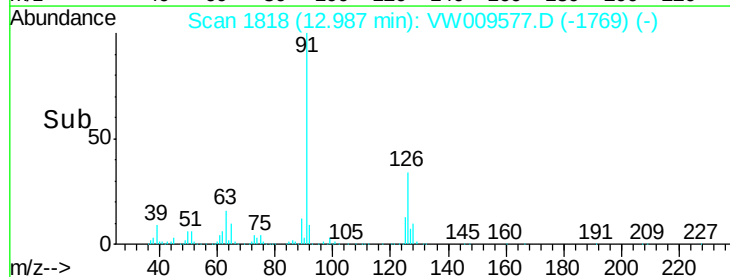
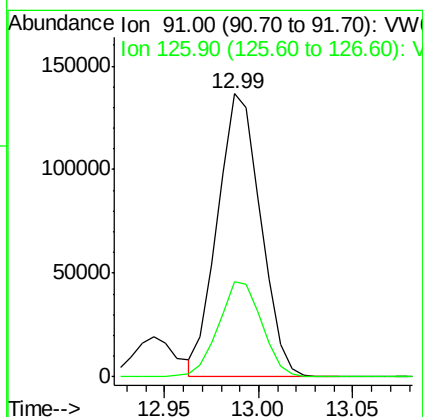
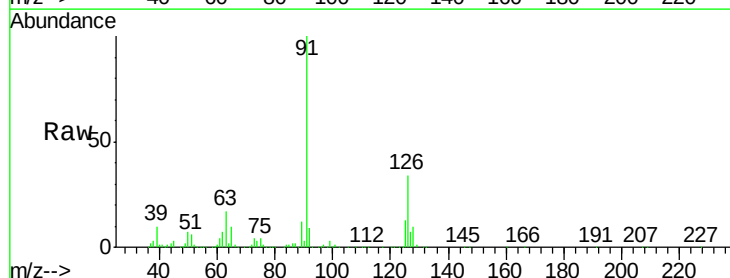
Acq: 29 Mar 2019 17:47

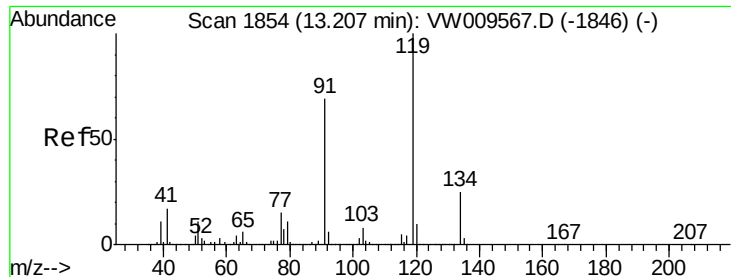
Tgt Ion: 91 Resp: 216664

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.6

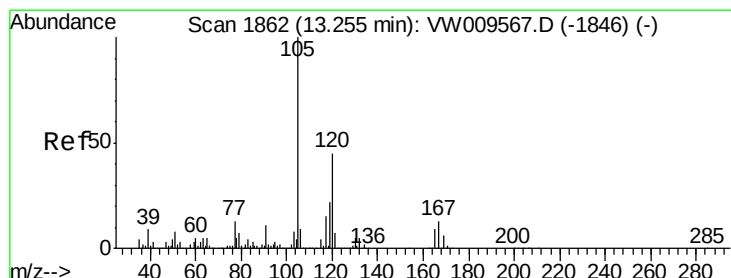
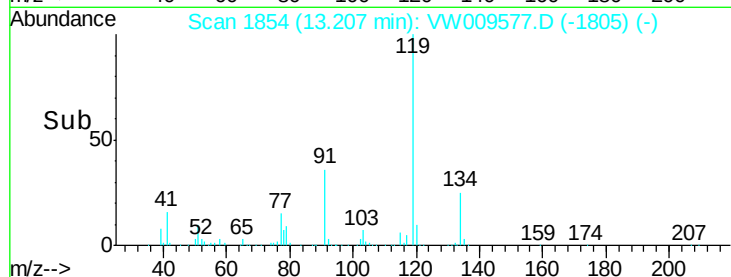
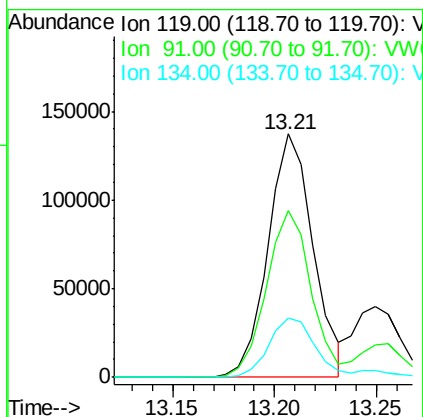
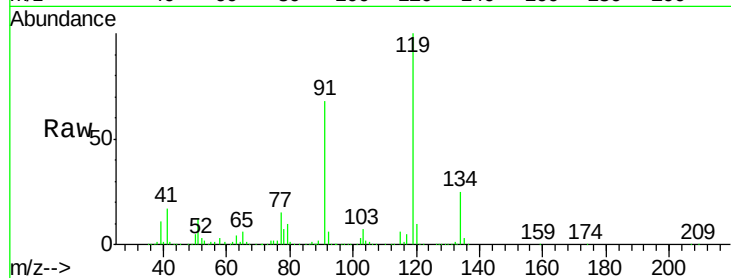




#83
 tert-Butylbenzene
 Concen: 18.610 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

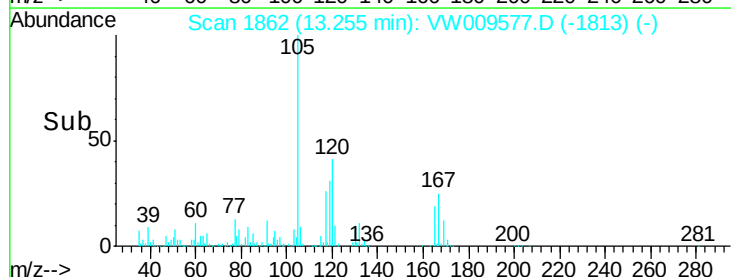
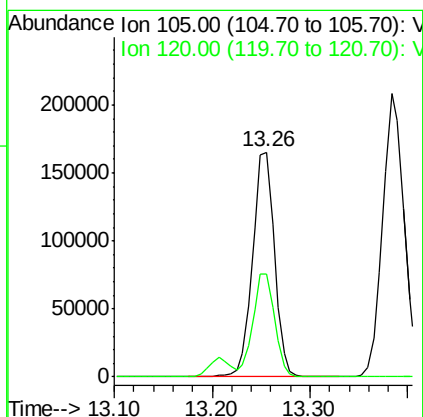
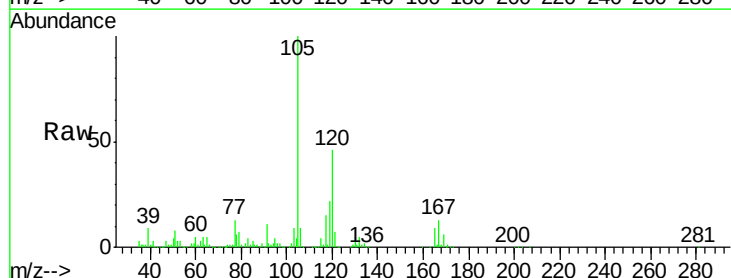
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBS01

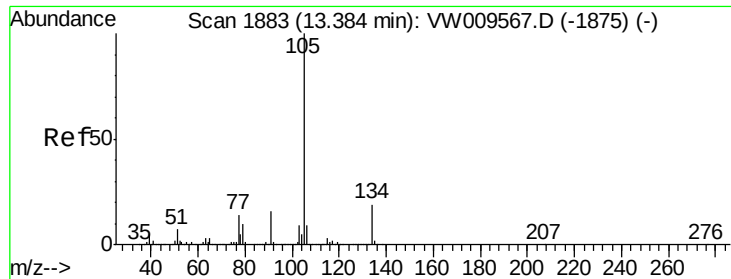
Tgt Ion:119 Resp: 212081
 Ion Ratio Lower Upper
 119 100
 91 67.1 34.4 103.2
 134 24.9 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.829 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion:105 Resp: 259137
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 18.458 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

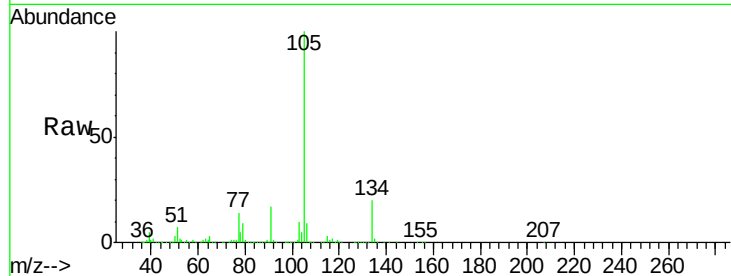
VW0329SBSD01

Tgt Ion:105 Resp: 317351

Ion Ratio Lower Upper

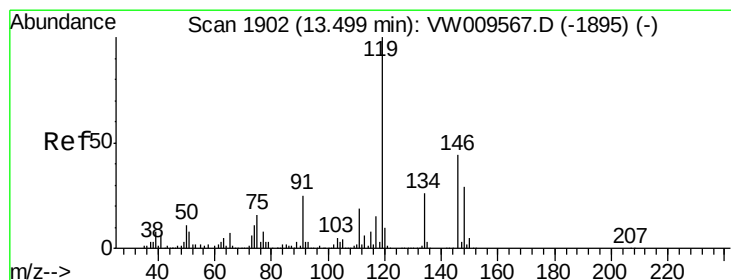
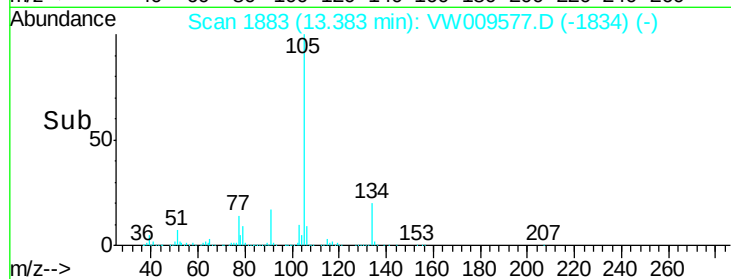
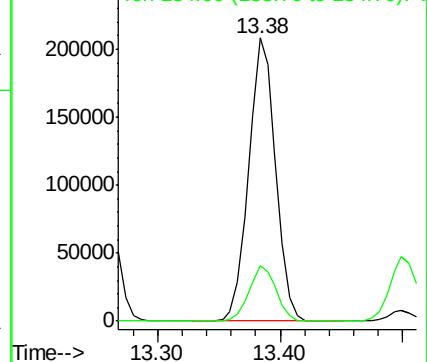
105 100

134 19.7 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.604 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

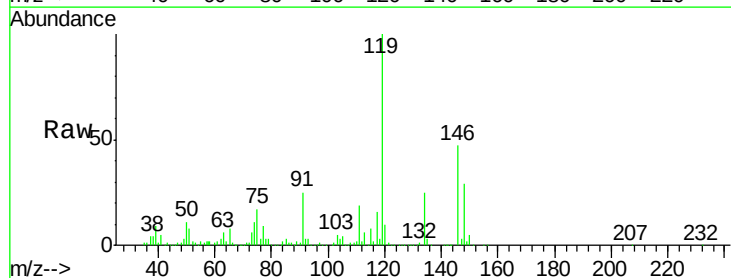
Tgt Ion:119 Resp: 278211

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

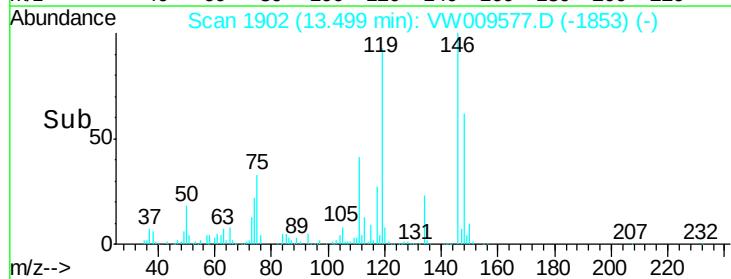
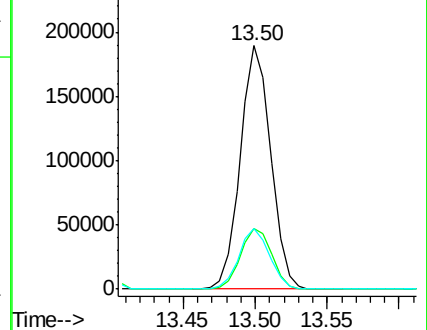
91 24.9 12.3 36.8

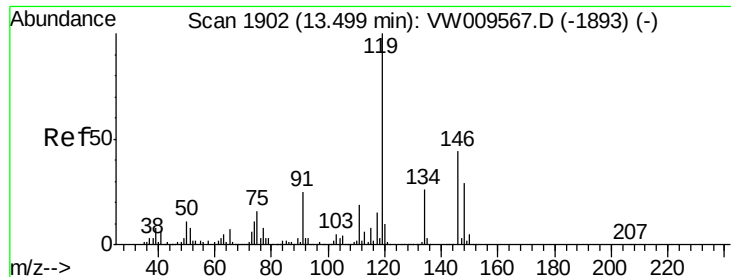


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

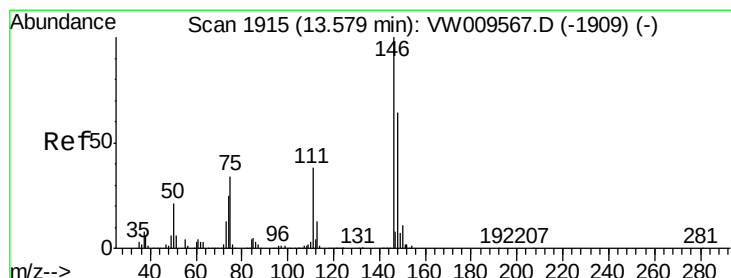
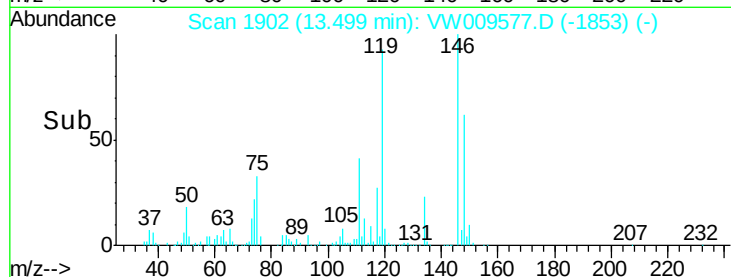
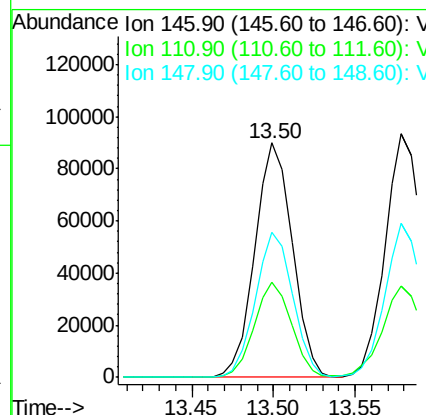
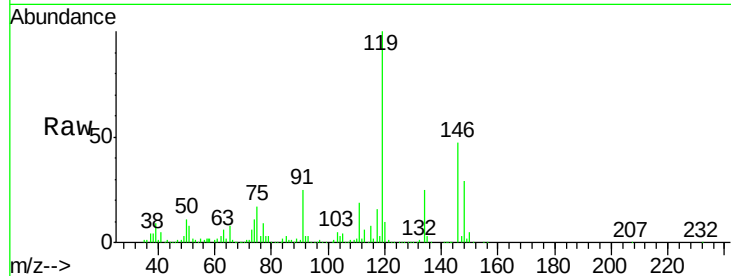




#87
 1,3-Dichlorobenzene
 Concen: 19.050 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

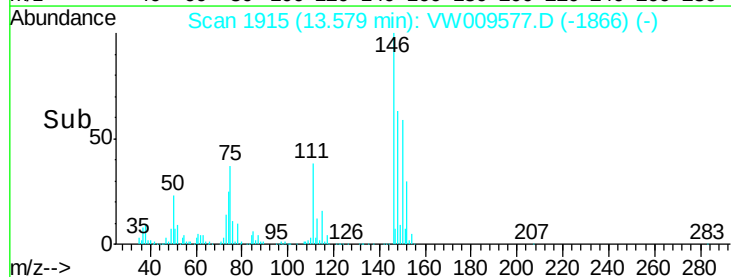
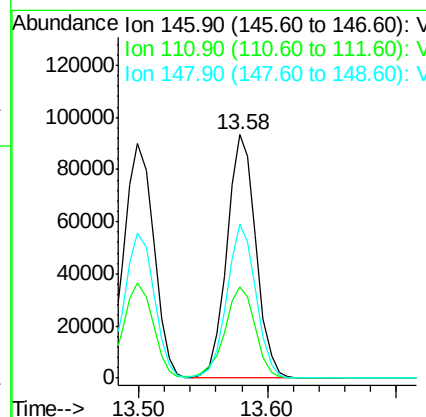
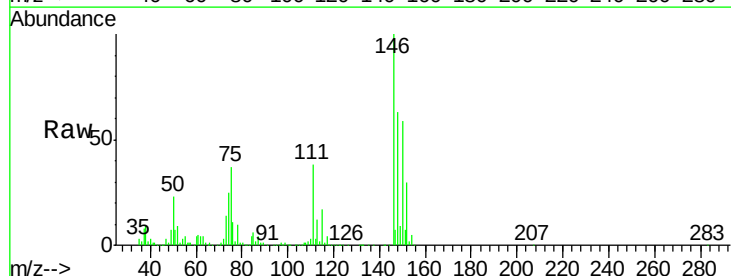
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

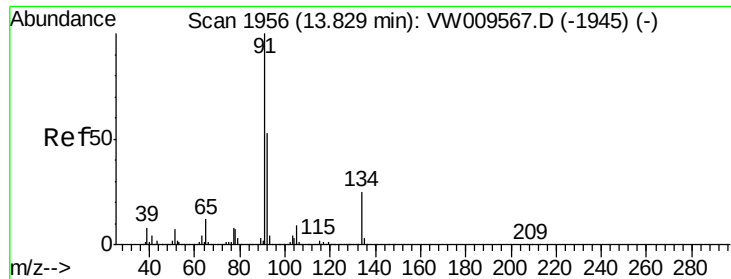
Tgt Ion:146 Resp: 143991
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.2
 148 61.8 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion:146 Resp: 147222
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.6
 148 63.6 32.2 96.6





#89

n-Butylbenzene

Concen: 18.423 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

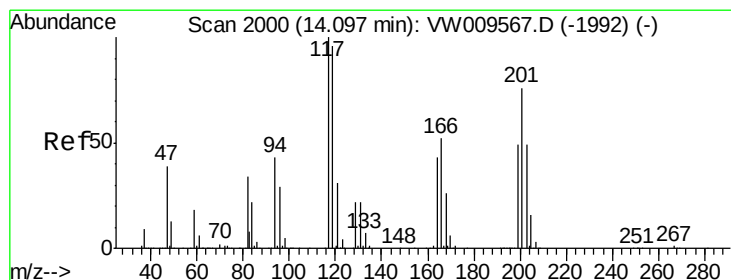
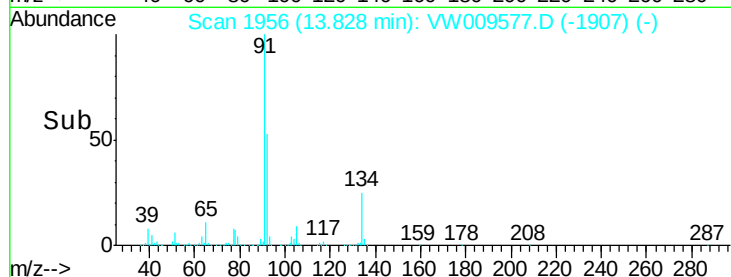
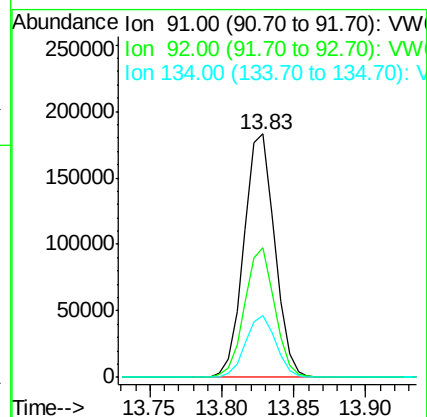
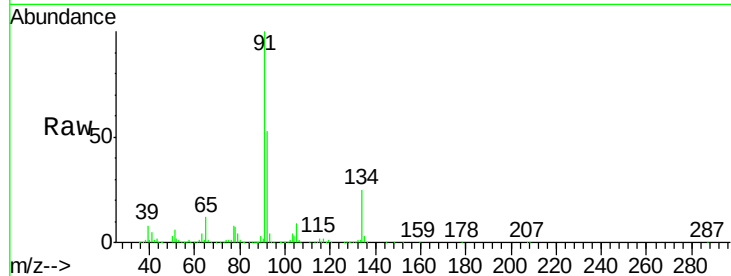
Tgt Ion: 91 Resp: 271942

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 24.8 12.9 38.6



#90

Hexachloroethane

Concen: 18.697 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW009577.D

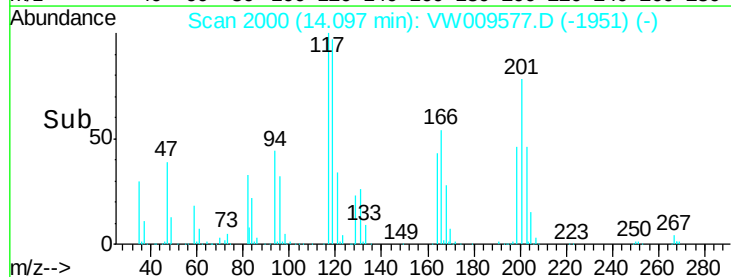
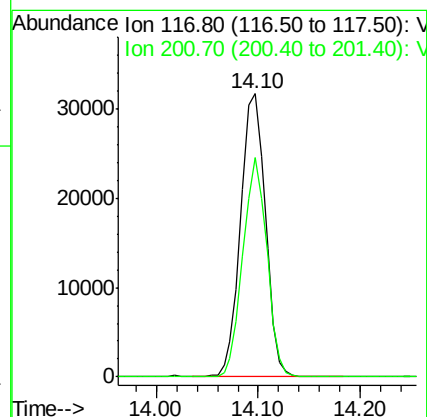
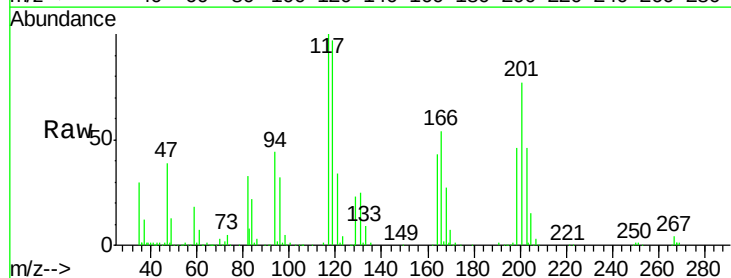
Acq: 29 Mar 2019 17:47

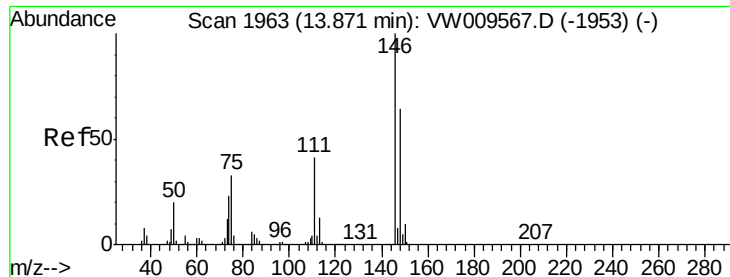
Tgt Ion: 117 Resp: 53540

Ion Ratio Lower Upper

117 100

201 74.7 38.2 114.6

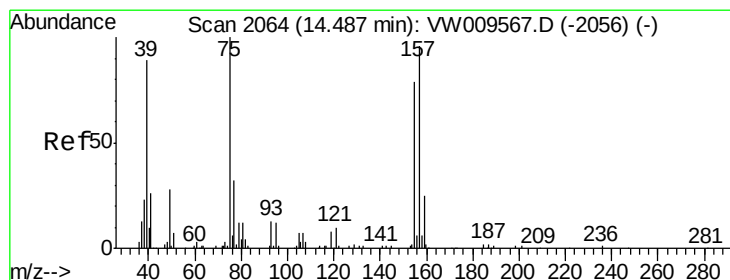
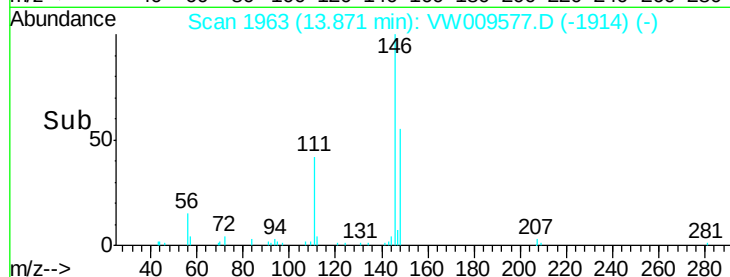
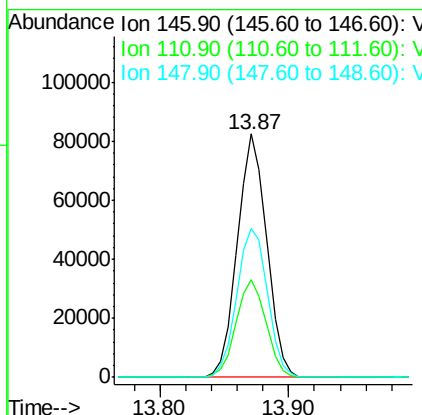
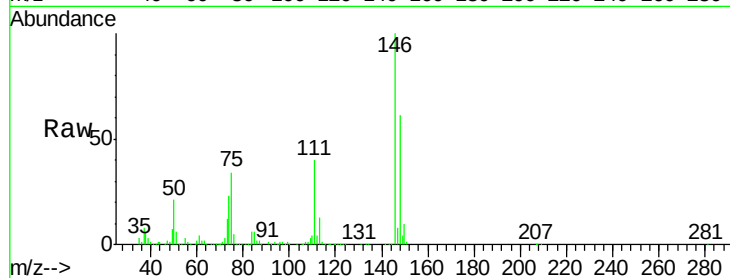




#91
 1,2-Dichlorobenzene
 Concen: 19.277 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

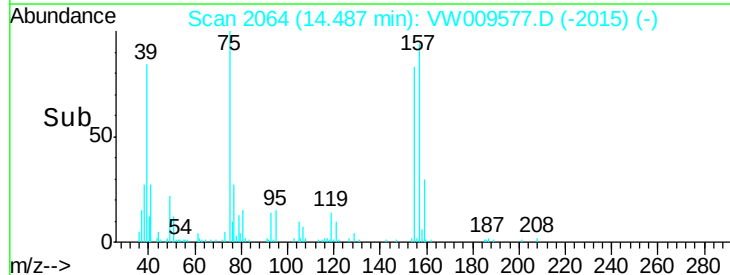
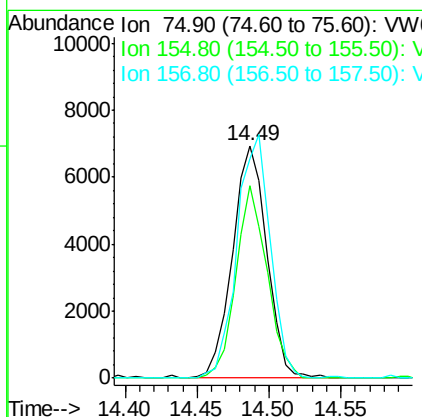
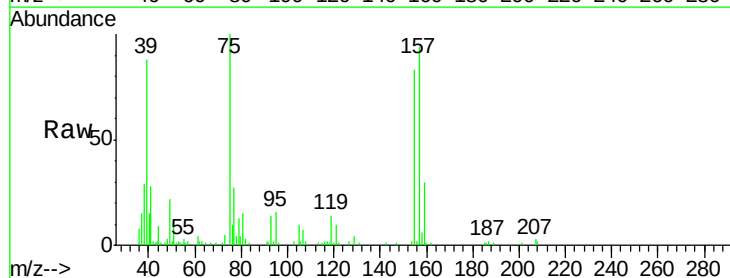
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBSD01

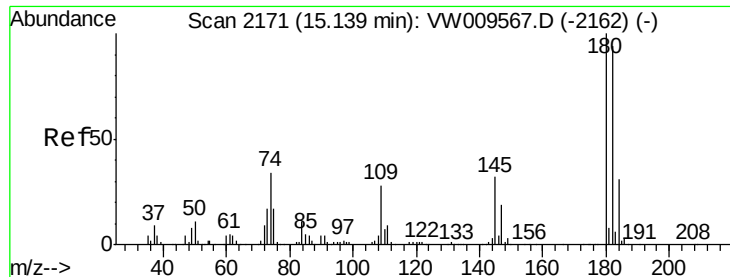
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	63.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.015 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009577.D
 Acq: 29 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	39.3	117.8
157	101.1	49.5	148.5

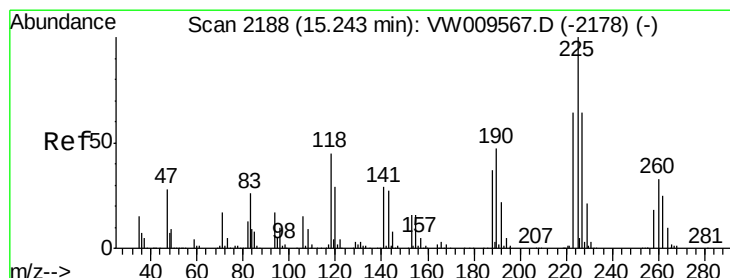
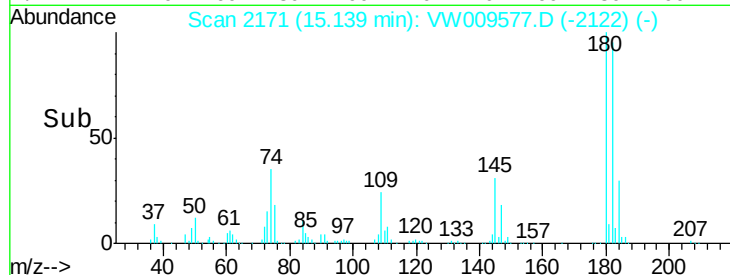
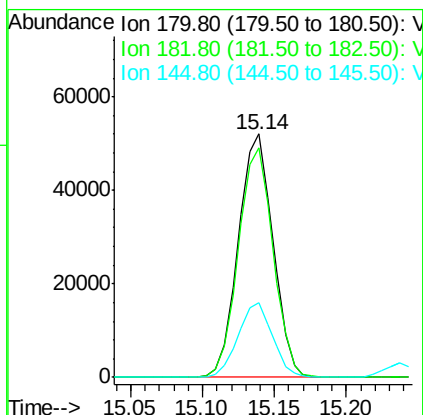
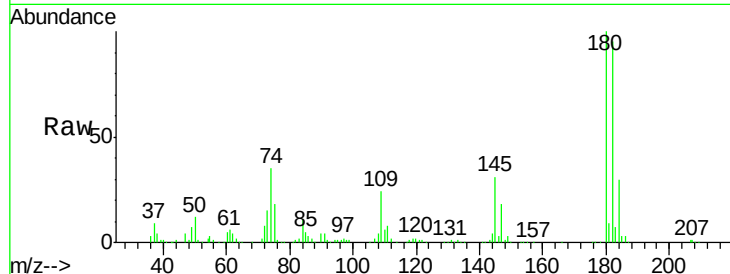




#93
1,2,4-Trichlorobenzene
Concen: 19.949 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

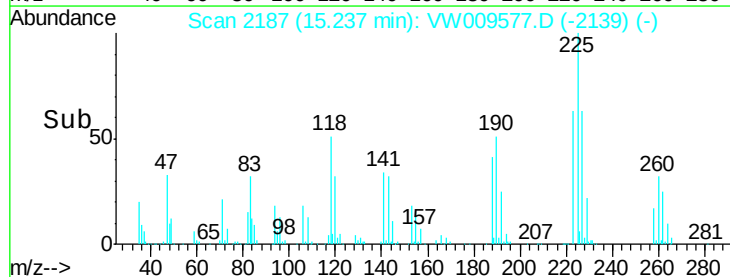
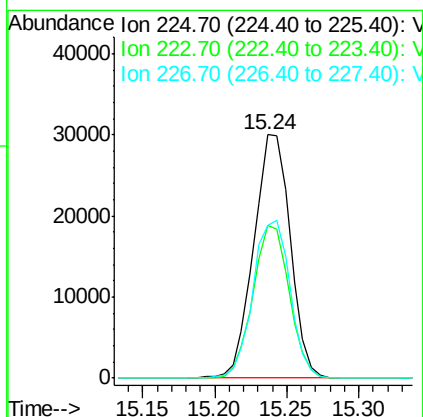
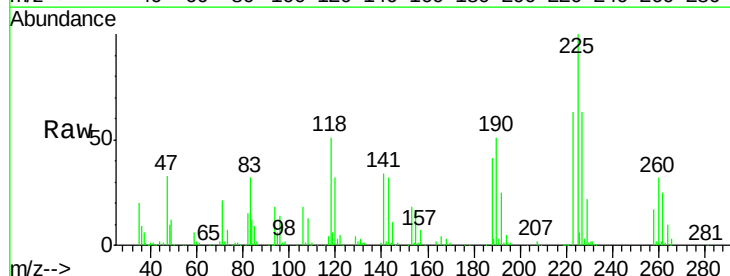
Instrument :
MSVOA_W
ClientSampleId :
VW0329SBSD01

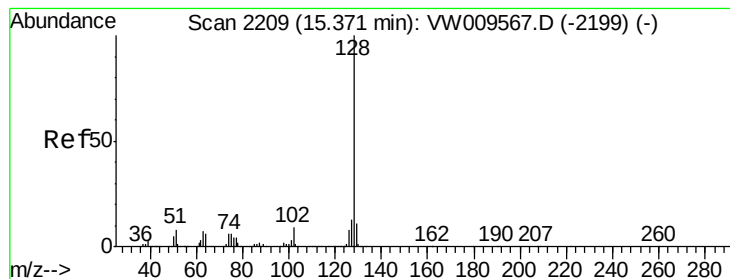
Tgt Ion:180 Resp: 86835
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.7
145 30.5 15.0 45.0



#94
Hexachlorobutadiene
Concen: 18.814 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.01 min
Lab File: VW009577.D
Acq: 29 Mar 2019 17:47

Tgt Ion:225 Resp: 52592
Ion Ratio Lower Upper
225 100
223 62.4 31.4 94.3
227 65.8 32.1 96.5





#95

Naphthalene

Concen: 20.043 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBSD01

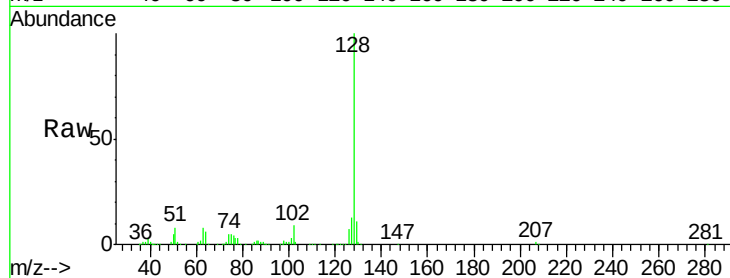
Tgt Ion:128 Resp: 162056

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

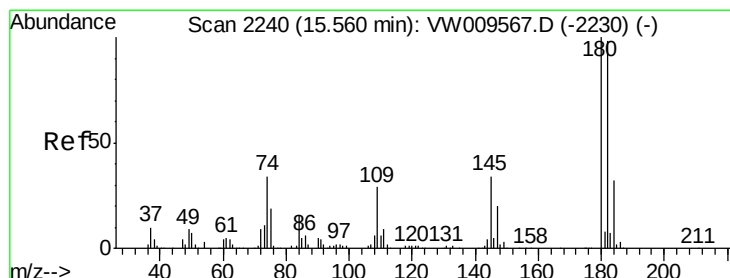
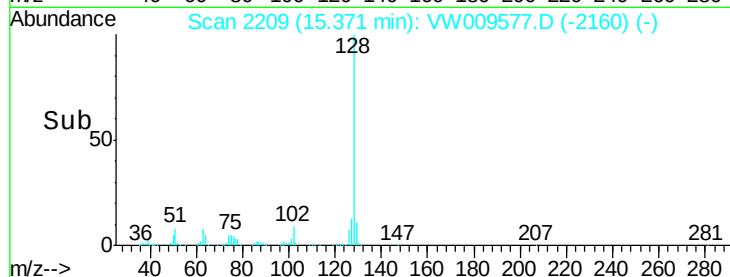
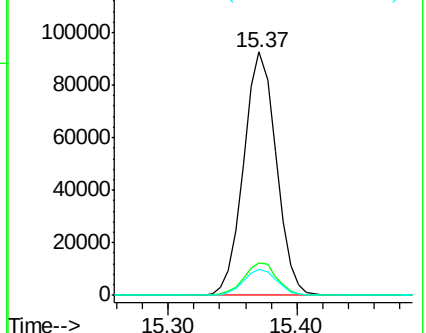
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.008 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW009577.D

Acq: 29 Mar 2019 17:47

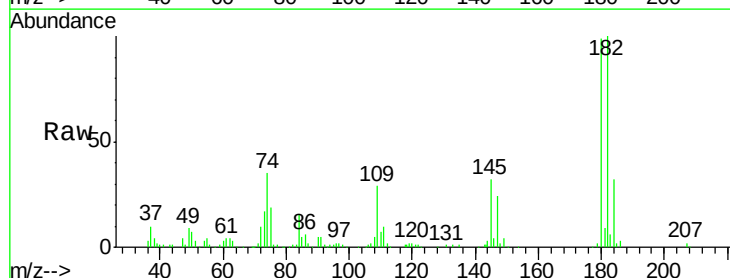
Tgt Ion:180 Resp: 77808

Ion Ratio Lower Upper

180 100

182 98.3 47.3 141.9

145 34.4 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

