

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002569.D
 Acq On : 16 May 2018 00:57
 Operator : JC/SY
 Sample : VW0515SBSD03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

Quant Time: May 16 05:51:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	291234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160986	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117000	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.88	113	105746	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.33	98	402944	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.63	95	144476	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	15830	19.94	ug/l	96
3) Chloromethane	2.21	50	30926	20.36	ug/l	98
4) Vinyl Chloride	2.36	62	48249	20.26	ug/l	95
5) Bromomethane	2.76	94	41665	21.34	ug/l	95
6) Chloroethane	2.92	64	35185	21.47	ug/l	89
7) Trichlorofluoromethane	3.24	101	16914	16.12	ug/l	95
8) Diethyl Ether	3.67	74	30360	24.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	35006	20.13	ug/l	97
10) Methyl Iodide	4.26	142	56124	20.26	ug/l	98
11) Tert butyl alcohol	5.19	59	15952	97.59	ug/l	97
12) 1,1-Dichloroethene	4.02	96	35014	20.34	ug/l	98
13) Acrolein	3.89	56	13685	84.99	ug/l	99
14) Allyl chloride	4.65	41	46882	18.36	ug/l	97
15) Acrylonitrile	5.37	53	46526	102.73	ug/l	99
16) Acetone	4.12	43	44740	99.66	ug/l	99
17) Carbon Disulfide	4.37	76	94250	19.90	ug/l	99
18) Methyl Acetate	4.67	43	25875	19.77	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	65626	20.75	ug/l	99
20) Methylene Chloride	4.91	84	41604	21.74	ug/l	96
21) trans-1,2-Dichloroethene	5.40	96	37096	19.94	ug/l	93
22) Diisopropyl ether	6.31	45	114330	20.21	ug/l	97
23) Vinyl Acetate	6.25	43	340004	99.16	ug/l	98
24) 1,1-Dichloroethane	6.21	63	70216	20.59	ug/l	98
25) 2-Butanone	7.18	43	64172	101.09	ug/l	99
26) 2,2-Dichloropropane	7.16	77	32365	16.94	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	43229	20.37	ug/l	98
28) Bromochloromethane	7.51	49	33024	21.70	ug/l	99
29) Tetrahydrofuran	7.53	42	42705	107.69	ug/l	98
30) Chloroform	7.67	83	74749	20.53	ug/l	96
31) Cyclohexane	7.95	56	58402	19.33	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	56299	20.50	ug/l	97
36) 1,1-Dichloropropene	8.08	75	55456	20.12	ug/l	99
37) Ethyl Acetate	7.26	43	29183	21.35	ug/l	98
38) Carbon Tetrachloride	8.07	117	52368	19.40	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	61179	19.38	ug/l	99
40) Benzene	8.32	78	162717	20.56	ug/l	100
41) Methacrylonitrile	7.48	41	17011	22.23	ug/l	92
42) 1,2-Dichloroethane	8.40	62	52235	20.78	ug/l	99
43) Isopropyl Acetate	8.43	43	53522	20.35	ug/l	98
44) Trichloroethene	9.10	130	45010	20.75	ug/l	92
45) 1,2-Dichloropropane	9.37	63	41495	20.58	ug/l	98
46) Dibromomethane	9.46	93	23727	20.68	ug/l	97
47) Bromodichloromethane	9.65	83	55133	20.60	ug/l	95
48) Methyl methacrylate	9.44	41	25075	19.68	ug/l	98
49) 1,4-Dioxane	9.45	88	8809	460.59	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	149171	103.32	ug/l	99
52) Toluene	10.39	92	102678	20.52	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	52312	19.33	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	58893	19.52	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33489	20.71	ug/l	96
56) Ethyl methacrylate	10.65	69	40357	20.48	ug/l	98
57) 1,3-Dichloropropane	10.94	76	55542	20.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	103319	106.82	ug/l	100
59) 2-Hexanone	10.98	43	102394	102.73	ug/l	98
60) Dibromochloromethane	11.13	129	39172	20.53	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32748	20.99	ug/l	100
64) Tetrachloroethene	10.87	164	50399	24.55	ug/l	93
65) Chlorobenzene	11.66	112	120355	20.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	42941	20.68	ug/l	97
67) Ethyl Benzene	11.74	91	197652	20.05	ug/l	99
68) m/p-Xylenes	11.85	106	154302	40.26	ug/l	99
69) o-Xylene	12.18	106	73136	20.08	ug/l	98
70) Styrene	12.19	104	124406	20.53	ug/l	97
71) Bromoform	12.36	173	24877	20.39	ug/l #	98
73) Isopropylbenzene	12.48	105	195888	19.74	ug/l	100
74) N-amyl acetate	12.28	43	51695	20.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41125	20.45	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	51445	33.81	ug/l #	100
77) Bromobenzene	12.76	156	52136	20.59	ug/l	99
78) n-propylbenzene	12.82	91	238030	19.86	ug/l	99
79) 2-Chlorotoluene	12.90	91	137985	20.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	169443	20.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10100	18.10	ug/l	97
82) 4-Chlorotoluene	13.00	91	146908	19.96	ug/l	100
83) tert-Butylbenzene	13.22	119	144601	19.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	175690	19.98	ug/l	97
85) sec-Butylbenzene	13.40	105	208087	19.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	188237	19.92	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	103001	20.11	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	102838	20.18	ug/l	98
89) n-Butylbenzene	13.83	91	174761	19.55	ug/l	99
90) Hexachloroethane	14.10	117	33440	19.76	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	95053	20.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7123	20.08	ug/l	96

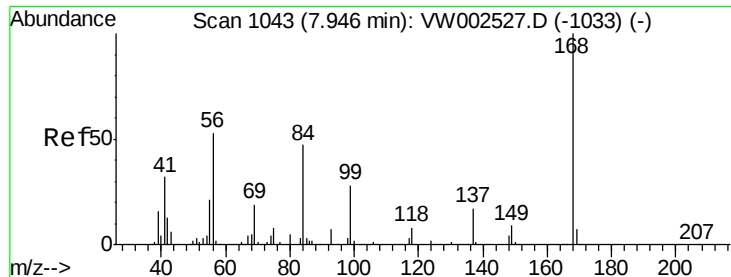
Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	69553	20.56	ug/l	99
94) Hexachlorobutadiene	15.25	225	38023	20.20	ug/l	99
95) Naphthalene	15.38	128	128180	20.84	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	62786	20.74	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

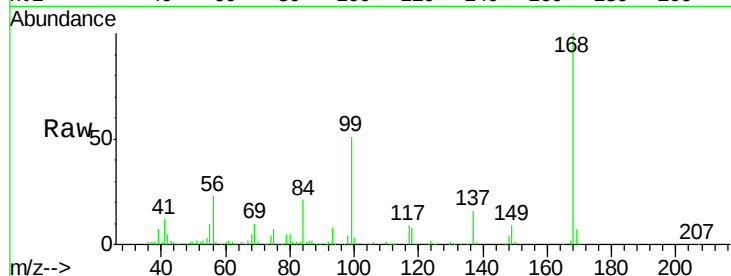
VW0515SBSD03

Tgt Ion:168 Resp: 205769

Ion Ratio Lower Upper

168 100

99 50.8 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

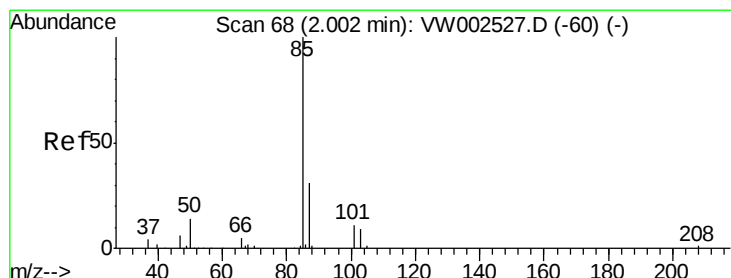
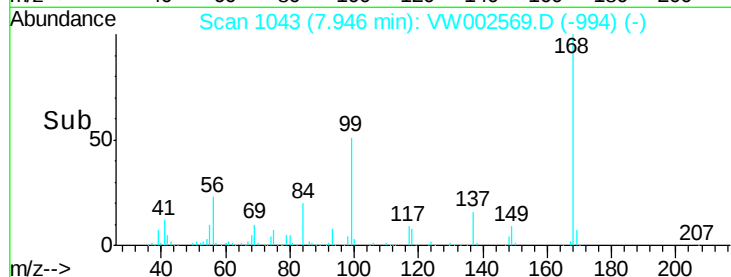
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.94 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002569.D

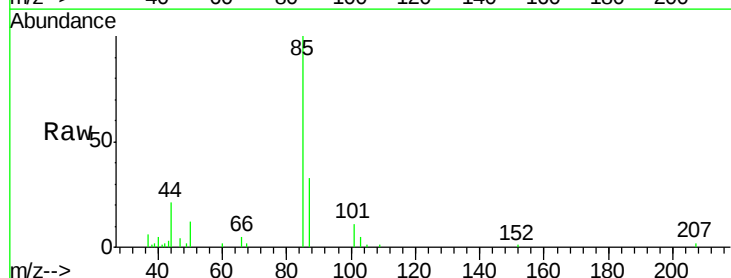
Acq: 16 May 2018 00:57

Tgt Ion: 85 Resp: 15830

Ion Ratio Lower Upper

85 100

87 32.8 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

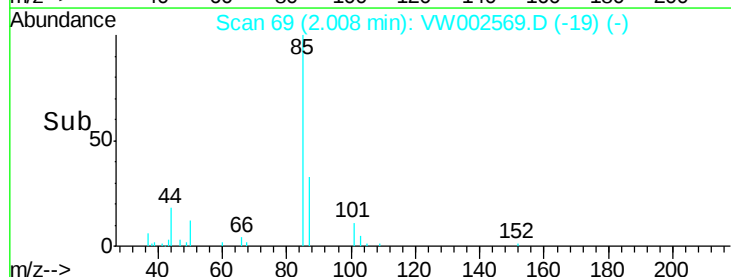
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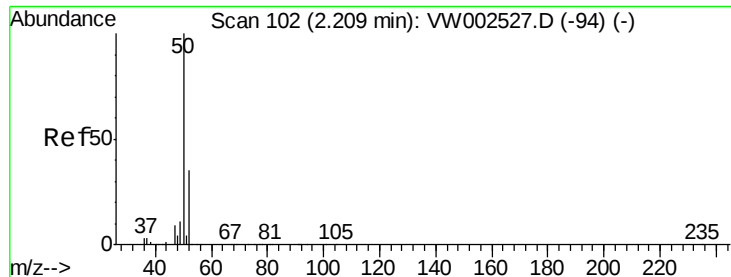
2000

1000

0

Time-->





#3

Chloromethane

Concen: 20.36 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

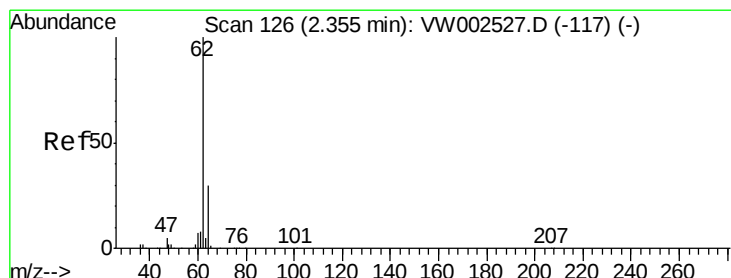
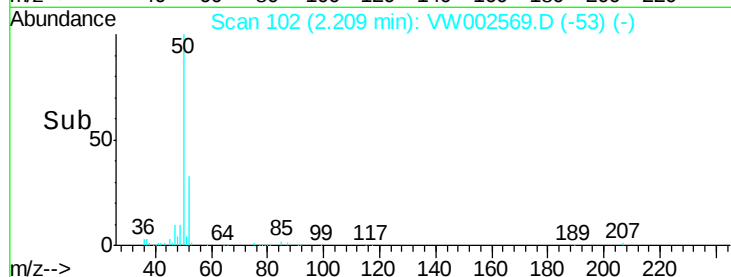
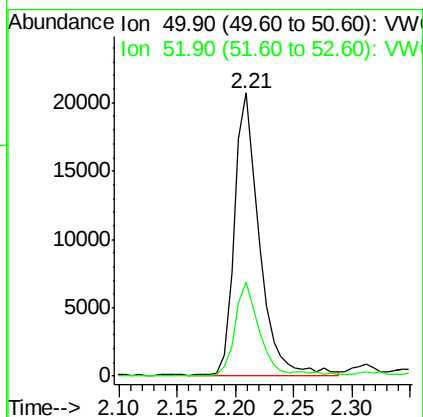
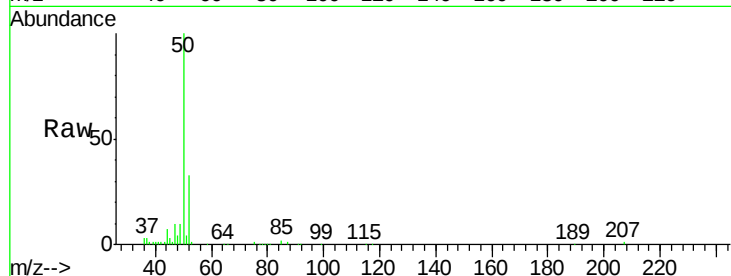
VW0515SBSD03

Tgt Ion: 50 Resp: 30926

Ion Ratio Lower Upper

50 100

52 33.4 27.8 41.8



#4

Vinyl Chloride

Concen: 20.26 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002569.D

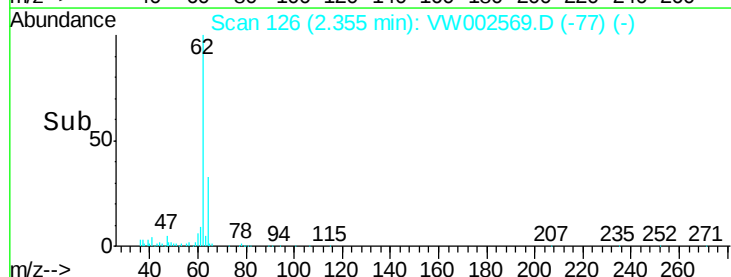
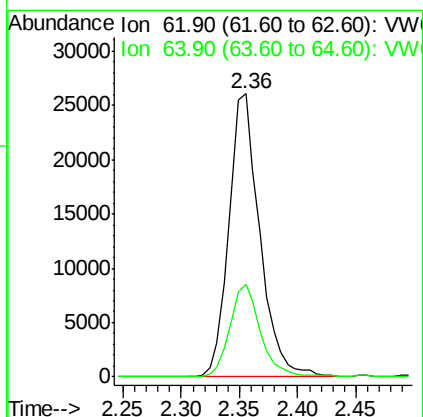
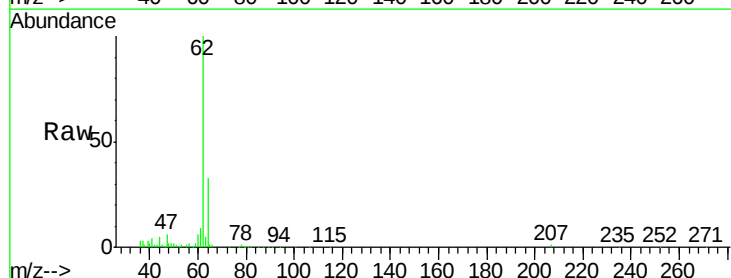
Acq: 16 May 2018 00:57

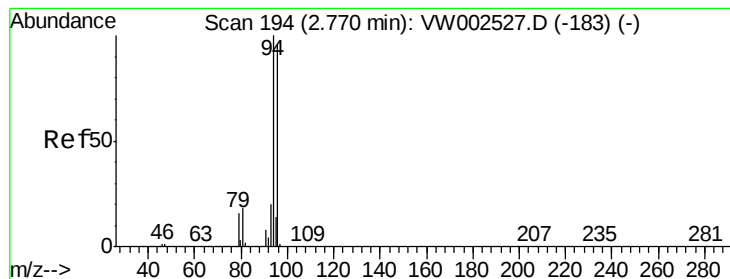
Tgt Ion: 62 Resp: 48249

Ion Ratio Lower Upper

62 100

64 32.6 24.0 36.0





#5

Bromomethane

Concen: 21.34 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

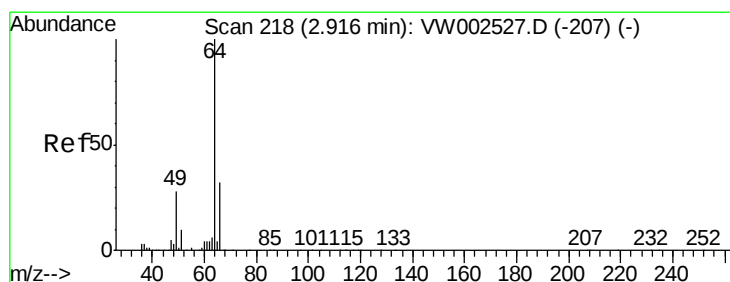
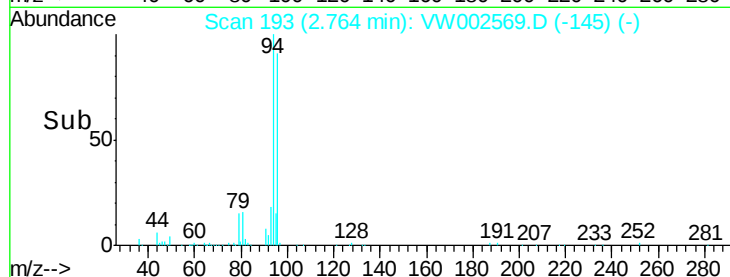
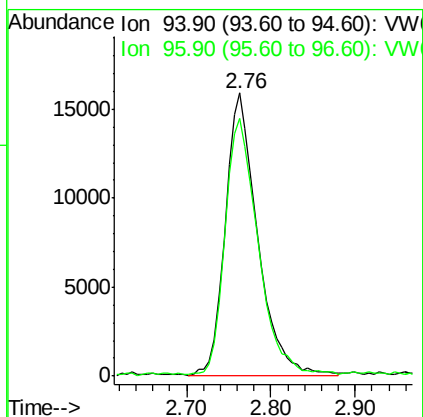
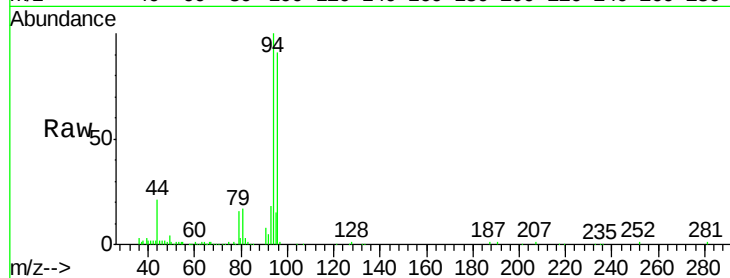
VW0515SBSD03

Tgt Ion: 94 Resp: 41665

Ion Ratio Lower Upper

94 100

96 90.8 77.0 115.4



#6

Chloroethane

Concen: 21.47 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW002569.D

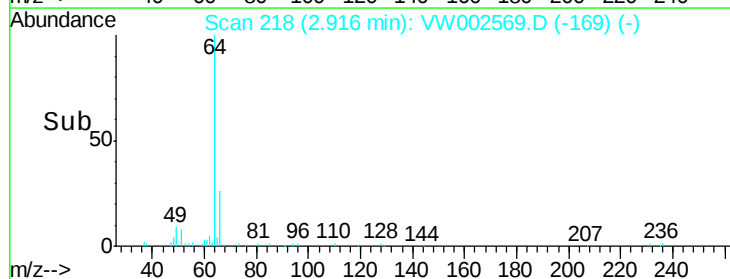
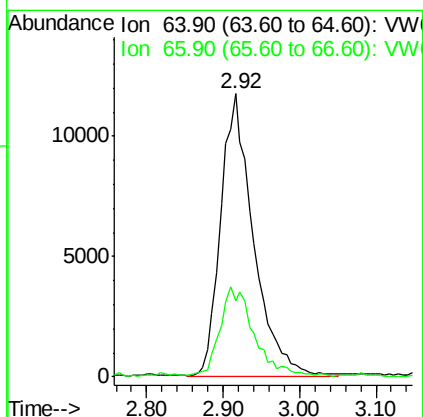
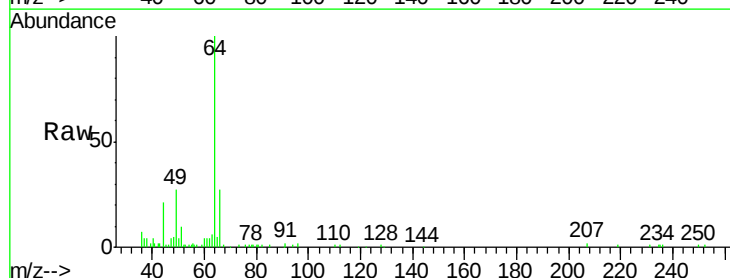
Acq: 16 May 2018 00:57

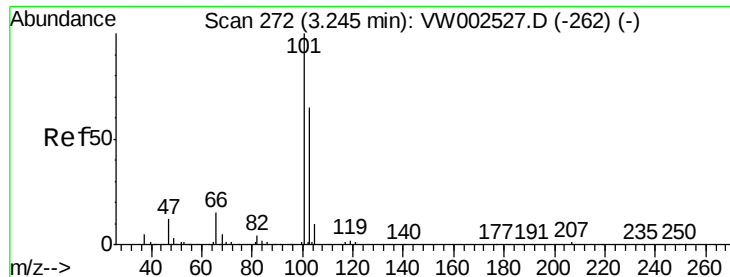
Tgt Ion: 64 Resp: 35185

Ion Ratio Lower Upper

64 100

66 26.4 25.8 38.8



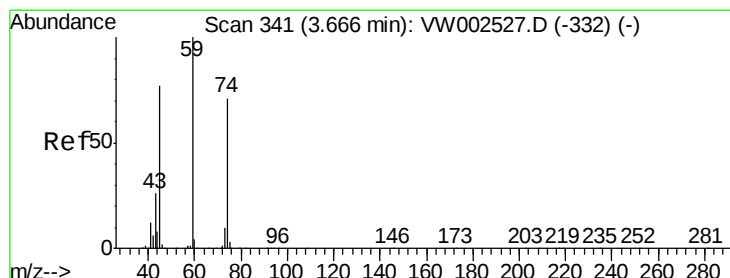
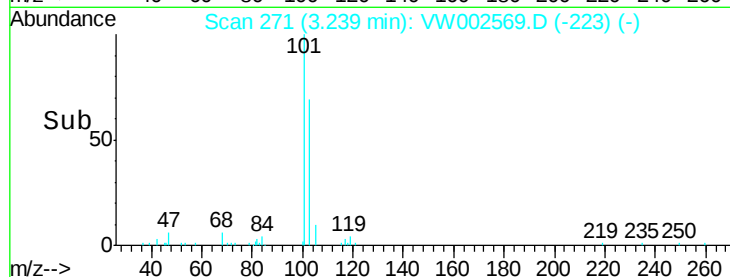
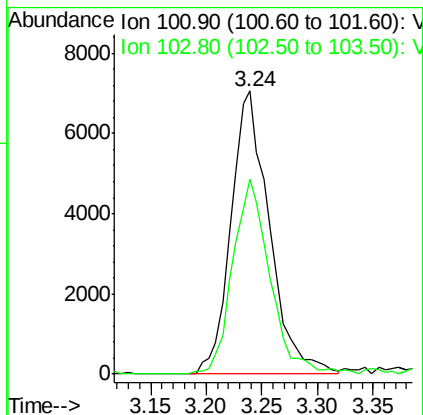
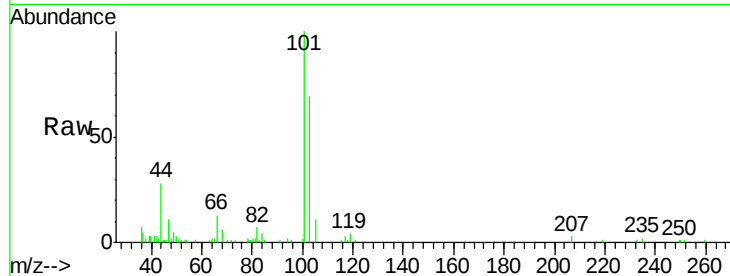


#7

Trichlorofluoromethane
Concen: 16.12 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

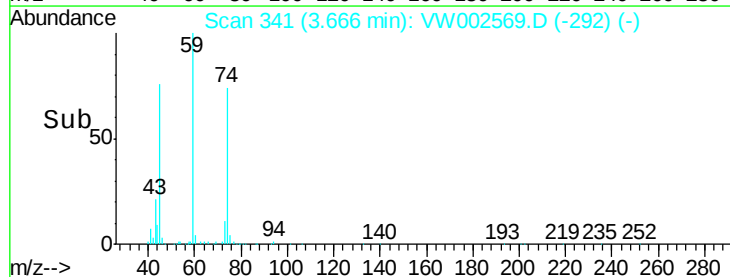
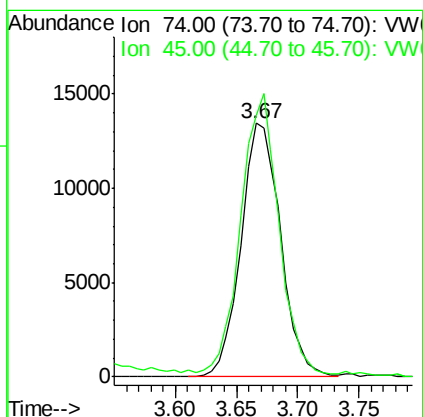
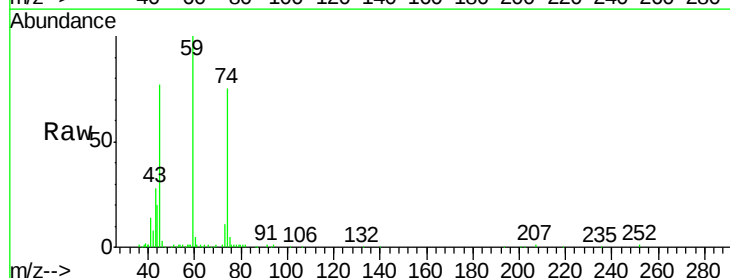
Tgt Ion:101 Resp: 16914
Ion Ratio Lower Upper
101 100
103 68.9 51.8 77.8

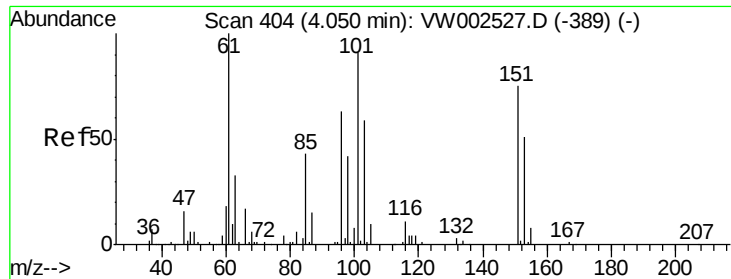


#8

Diethyl Ether
Concen: 24.17 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion: 74 Resp: 30360
Ion Ratio Lower Upper
74 100
45 105.5 52.3 156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.13 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

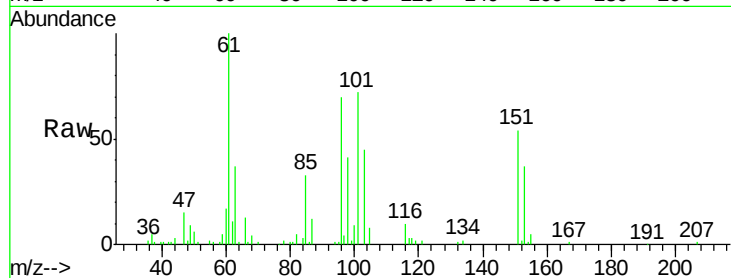
Tgt Ion:101 Resp: 35006

Ion Ratio Lower Upper

101 100

85 41.3 36.5 54.7

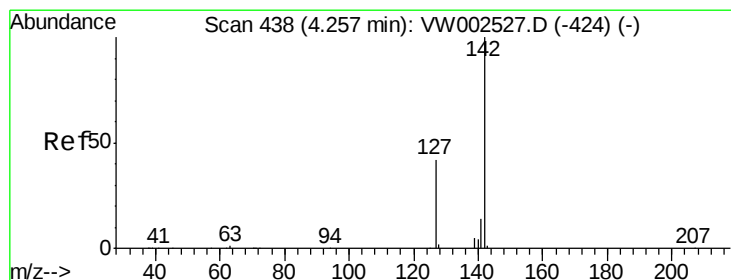
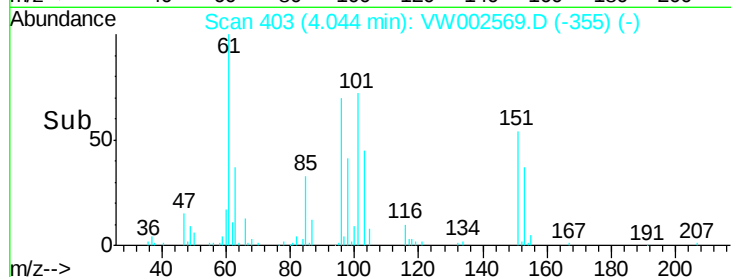
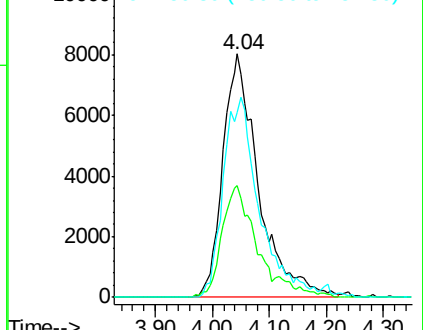
151 82.4 66.7 100.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.26 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

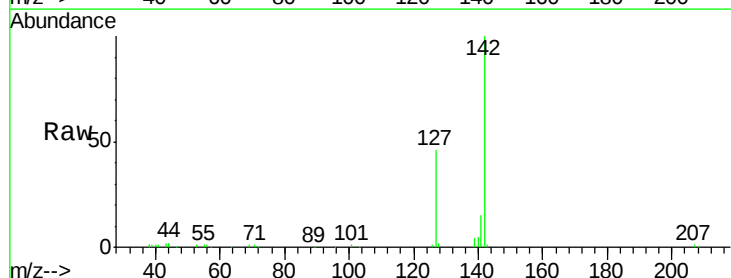
Tgt Ion:142 Resp: 56124

Ion Ratio Lower Upper

142 100

127 44.5 34.6 52.0

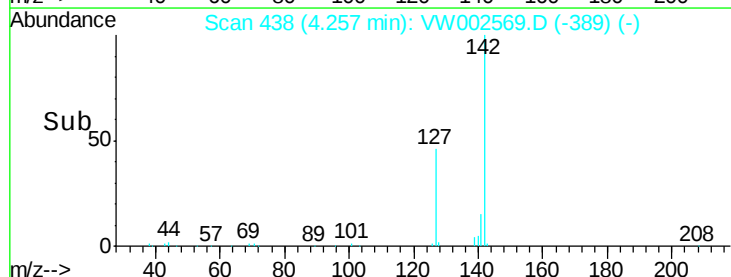
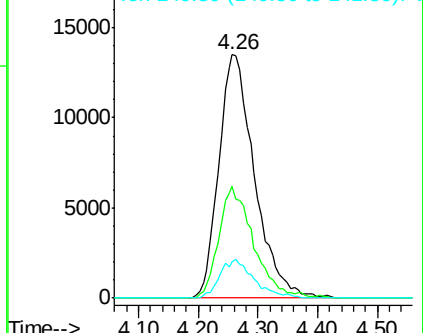
141 15.2 11.8 17.8

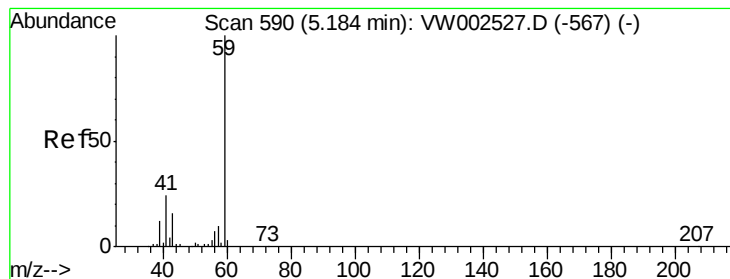


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.59 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

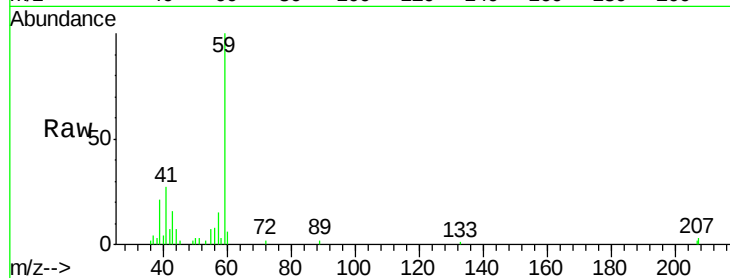
VW0515SBSD03

Tgt Ion: 59 Resp: 15952

Ion Ratio Lower Upper

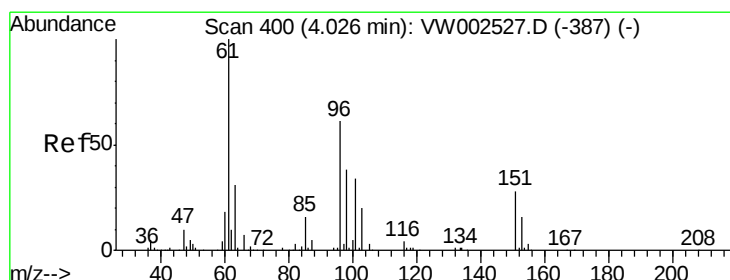
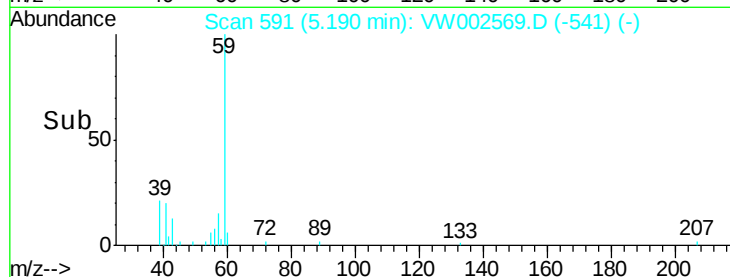
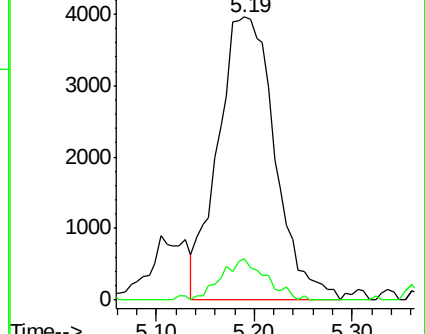
59 100

57 11.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 20.34 ug/l

RT: 4.02 min Scan# 399

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

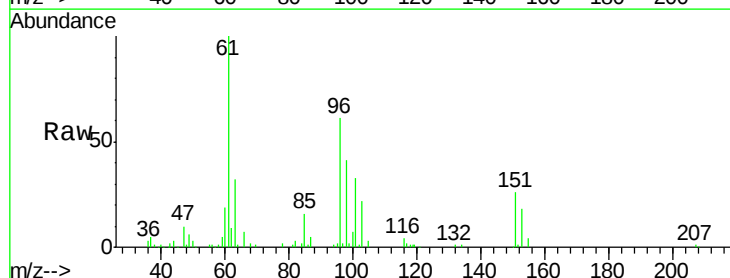
Tgt Ion: 96 Resp: 35014

Ion Ratio Lower Upper

96 100

61 164.7 132.2 198.2

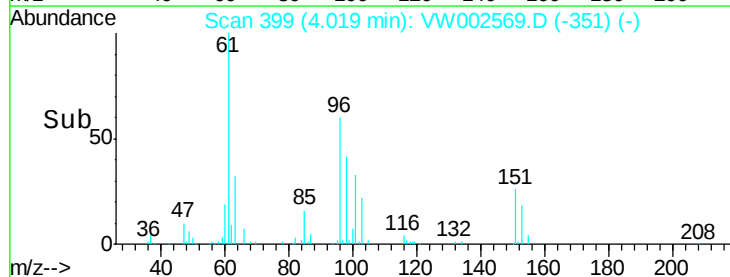
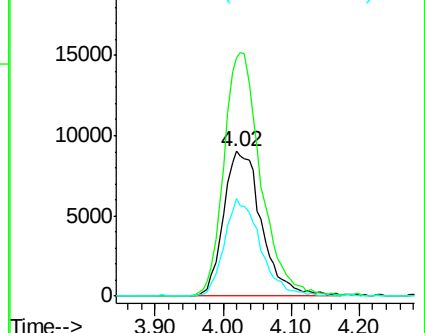
98 67.8 50.6 76.0

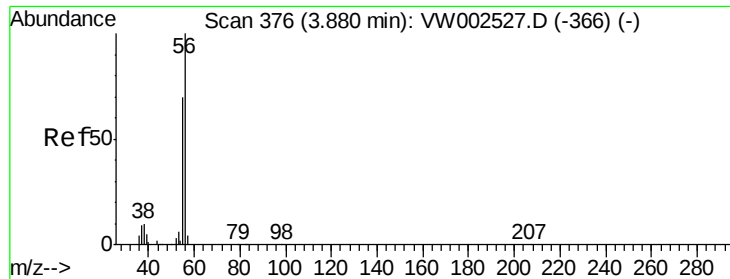


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 84.99 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

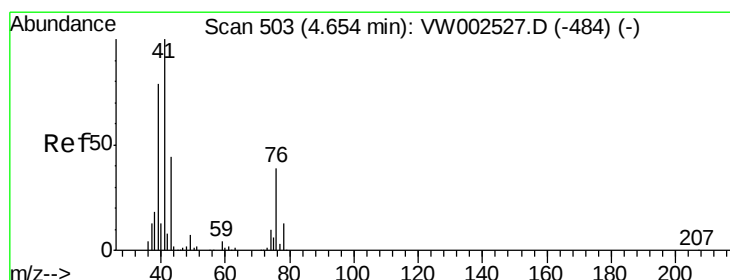
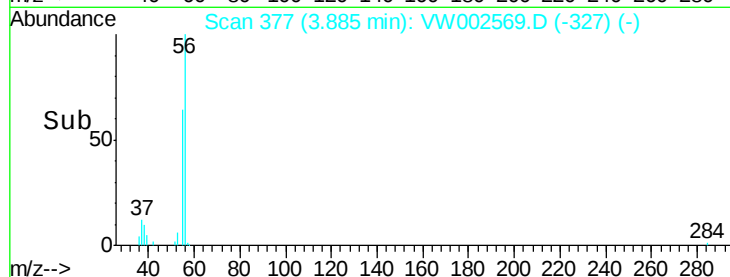
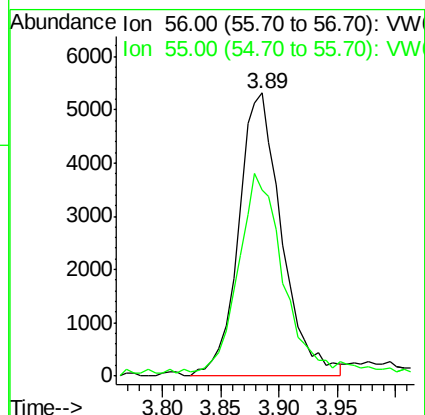
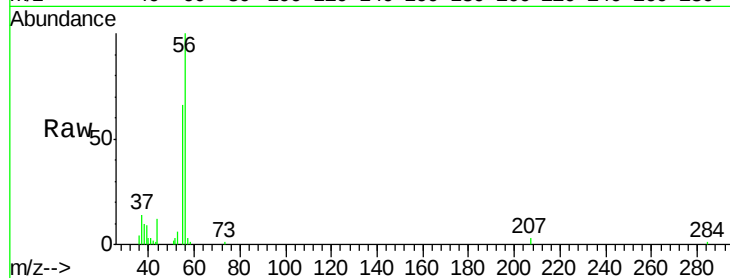
VW0515SBSD03

Tgt Ion: 56 Resp: 13685

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 18.36 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

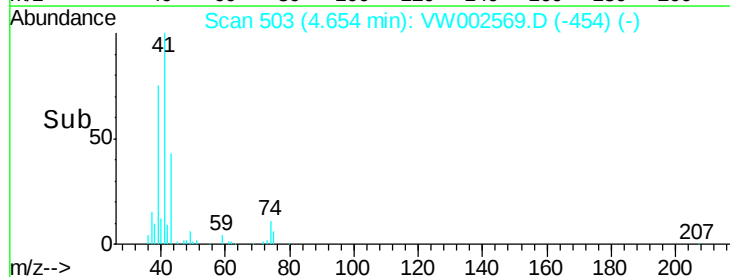
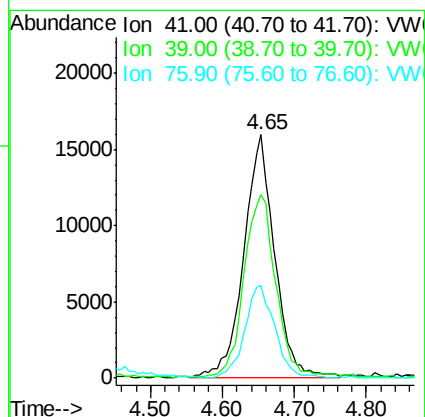
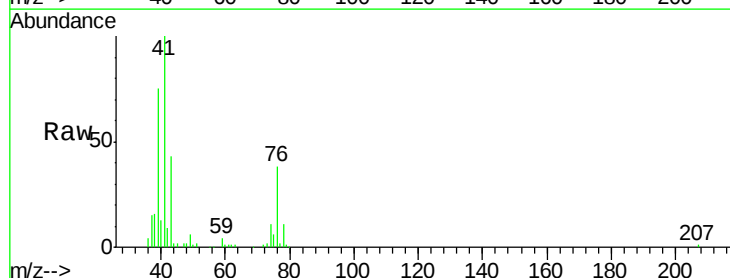
Tgt Ion: 41 Resp: 46882

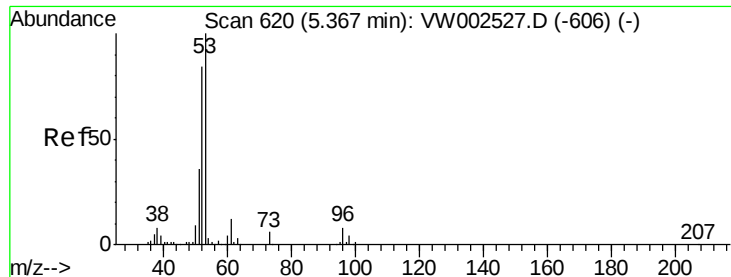
Ion Ratio Lower Upper

41 100

39 79.4 61.4 92.2

76 37.8 29.6 44.4





#15

Acrylonitrile

Concen: 102.73 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

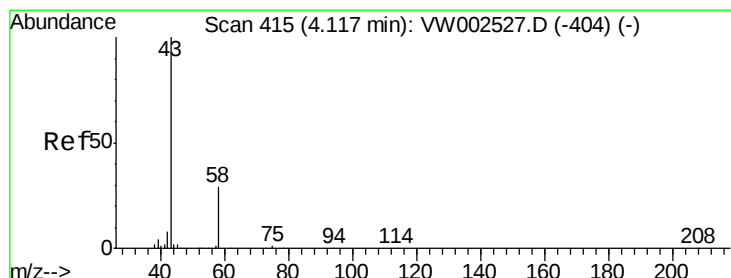
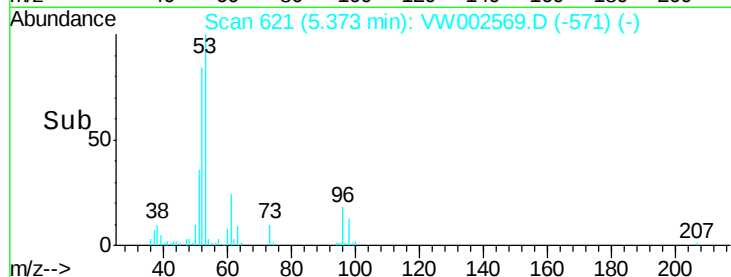
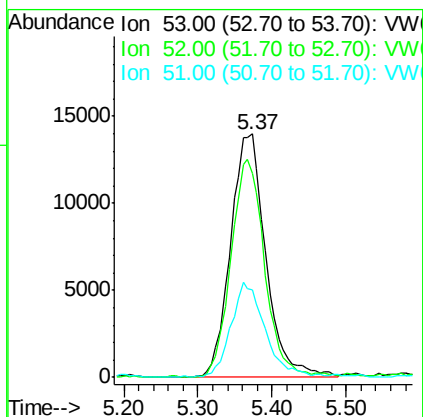
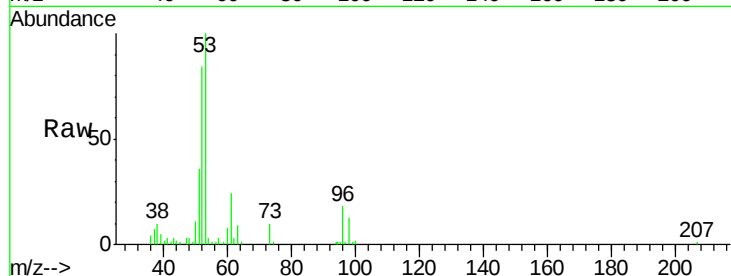
Tgt Ion: 53 Resp: 46526

Ion Ratio Lower Upper

53 100

52 84.9 66.6 100.0

51 38.1 30.6 46.0



#16

Acetone

Concen: 99.66 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW002569.D

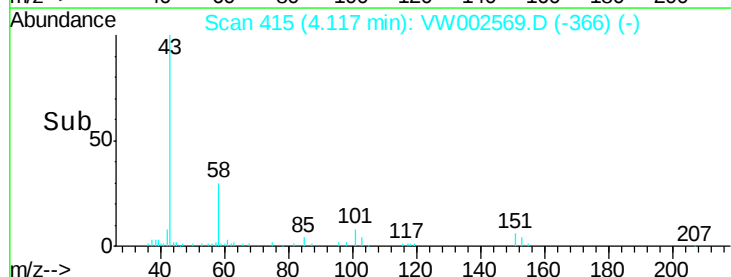
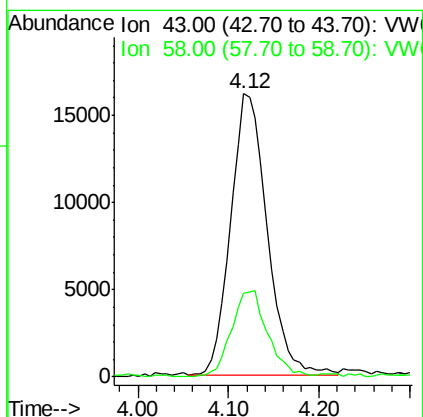
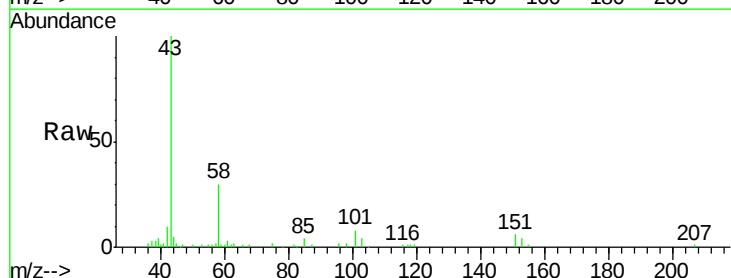
Acq: 16 May 2018 00:57

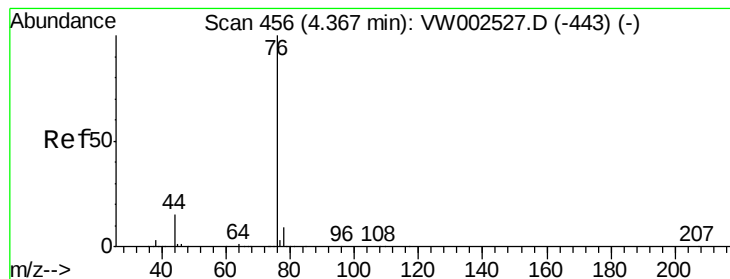
Tgt Ion: 43 Resp: 44740

Ion Ratio Lower Upper

43 100

58 29.8 23.4 35.0





#17

Carbon Disulfide

Concen: 19.90 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

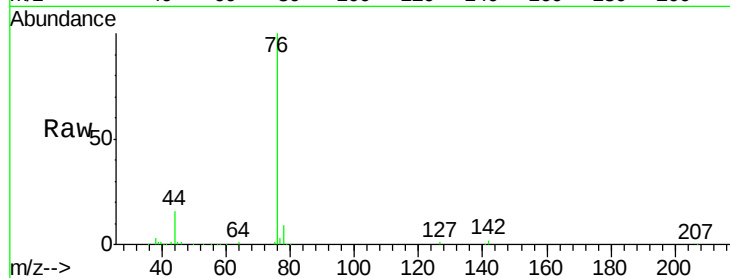
VW0515SBSD03

Tgt Ion: 76 Resp: 94250

Ion Ratio Lower Upper

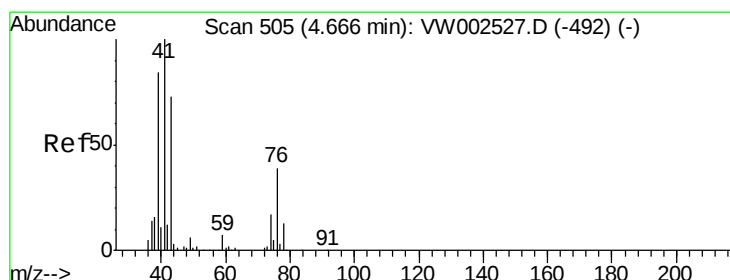
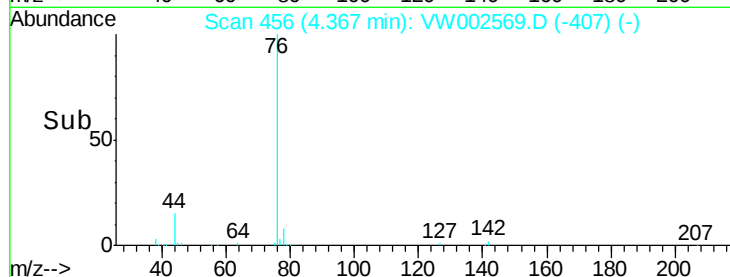
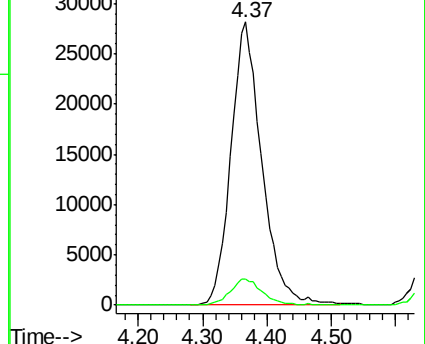
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 19.77 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002569.D

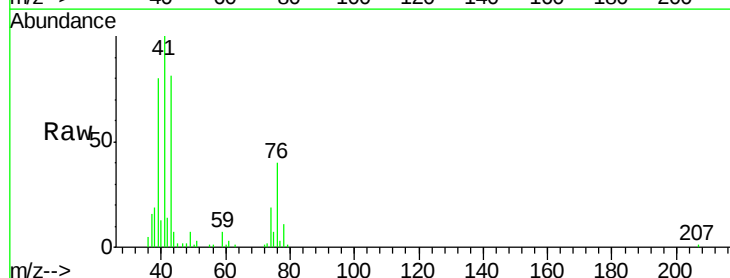
Acq: 16 May 2018 00:57

Tgt Ion: 43 Resp: 25875

Ion Ratio Lower Upper

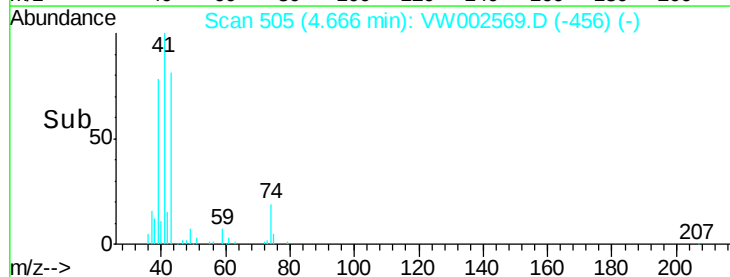
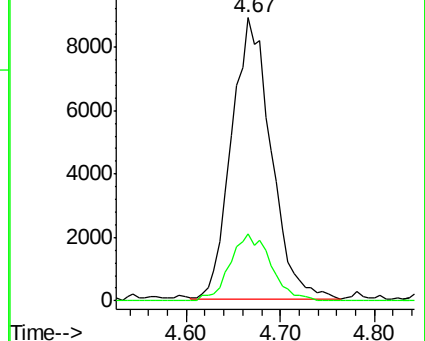
43 100

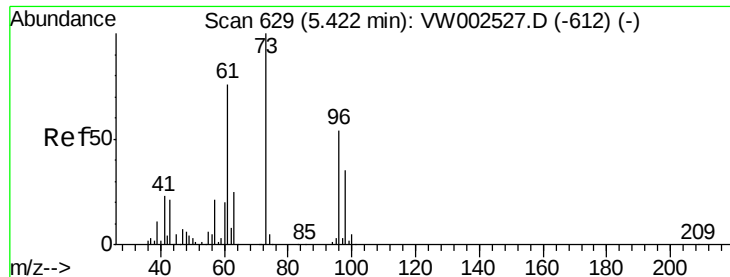
74 24.6 19.2 28.8



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: 20.75 ug/l

RT: 5.42 min Scan# 629

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

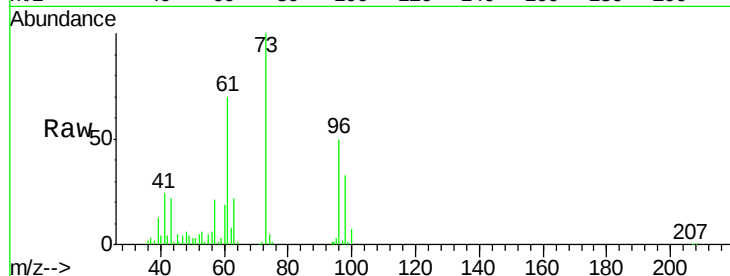
VW0515SBSD03

Tgt Ion: 73 Resp: 65626

Ion Ratio Lower Upper

73 100

57 20.9 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.42

20000

15000

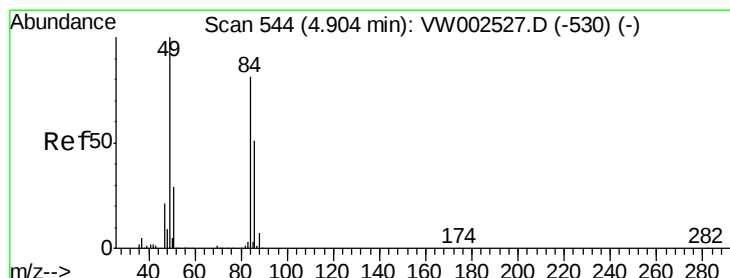
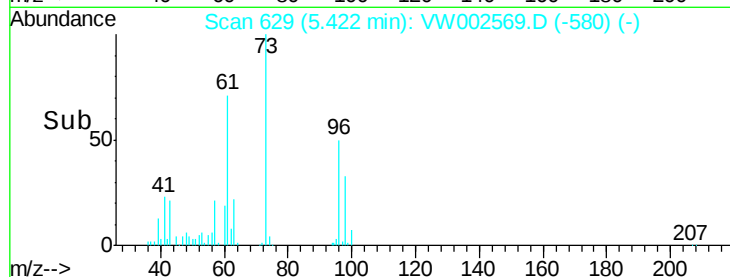
10000

5000

0

Time-->

5.30 5.40 5.50 5.60



#20

Methylene Chloride

Concen: 21.74 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion: 84 Resp: 41604

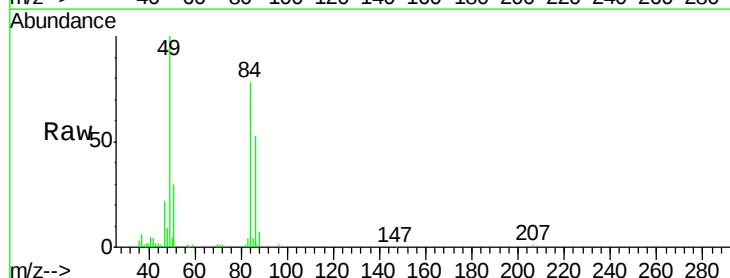
Ion Ratio Lower Upper

84 100

49 128.0 99.4 149.0

51 38.6 29.0 43.6

86 67.5 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

15000

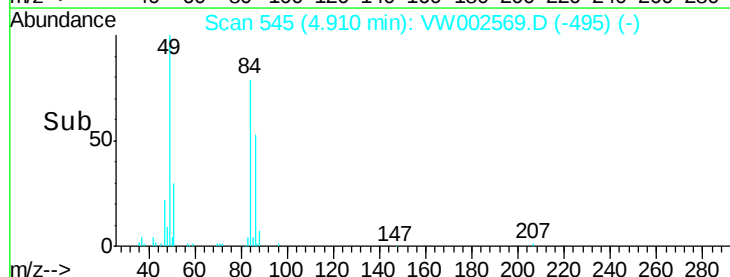
10000

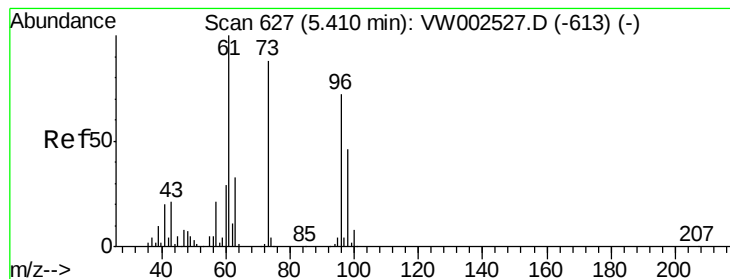
5000

0

Time-->

4.70 4.80 4.90 5.00 5.10





#21

trans-1,2-Dichloroethene

Concen: 19.94 ug/l

RT: 5.40 min Scan# 626

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

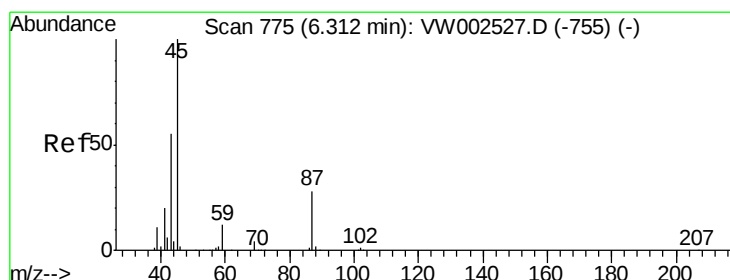
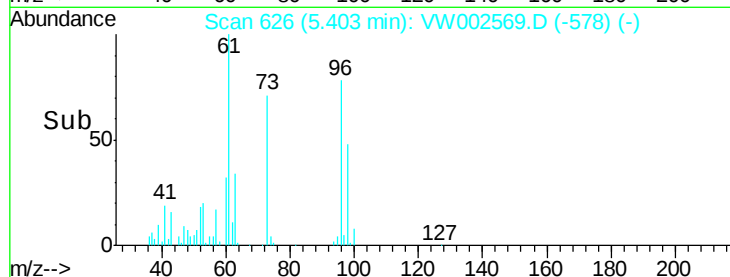
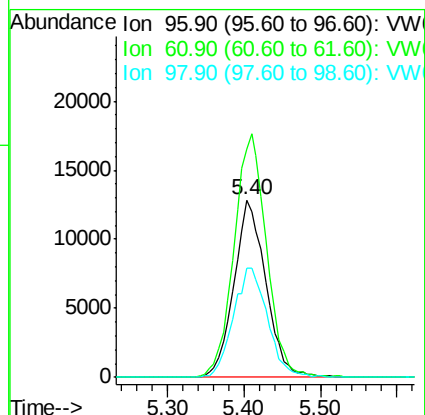
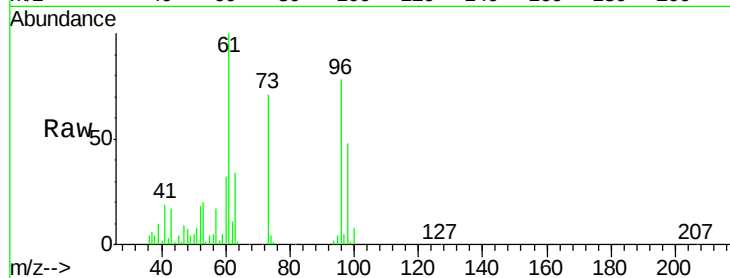
Tgt Ion: 96 Resp: 37096

Ion Ratio Lower Upper

96 100

61 128.8 111.6 167.4

98 61.2 51.7 77.5



#22

Diisopropyl ether

Concen: 20.21 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion: 45 Resp: 114330

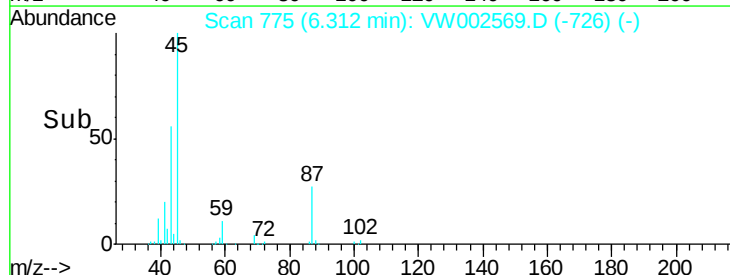
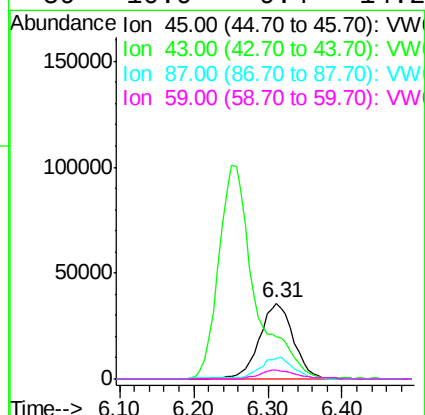
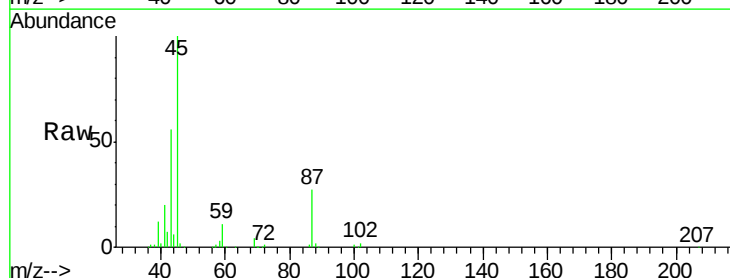
Ion Ratio Lower Upper

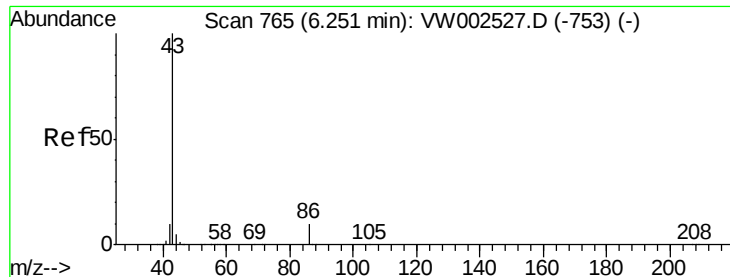
45 100

43 54.3 44.4 66.6

87 26.4 23.0 34.4

59 10.9 9.4 14.2

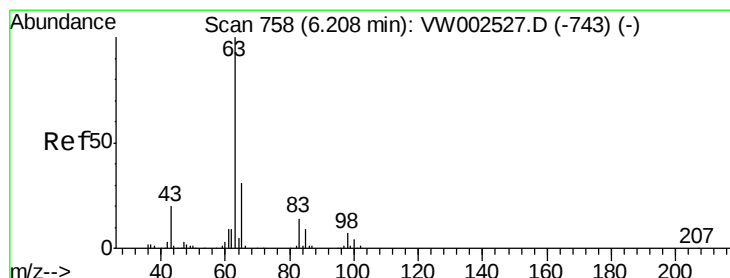
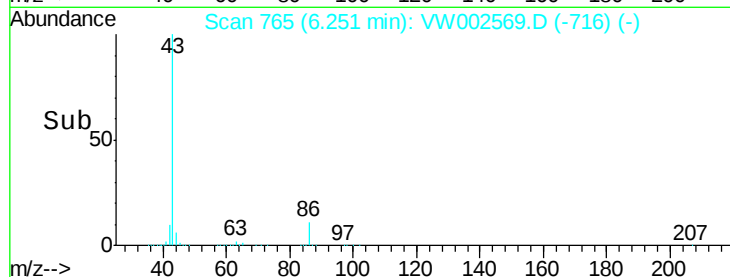
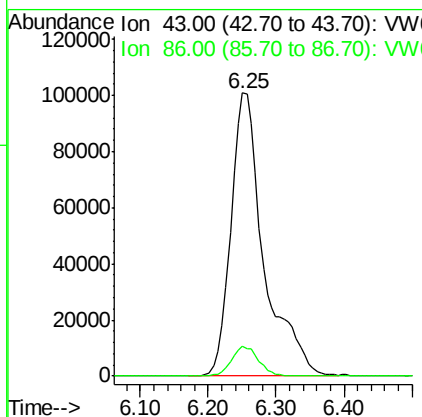
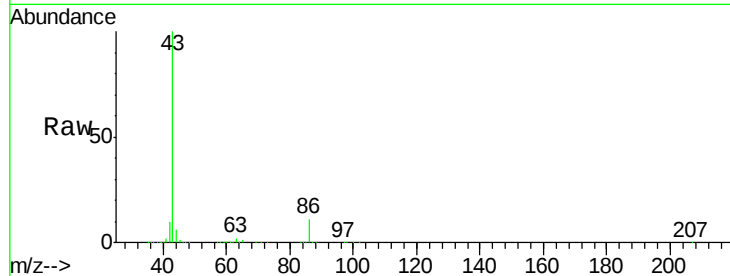




#23
 Vinyl Acetate
 Concen: 99.16 ug/l
 RT: 6.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

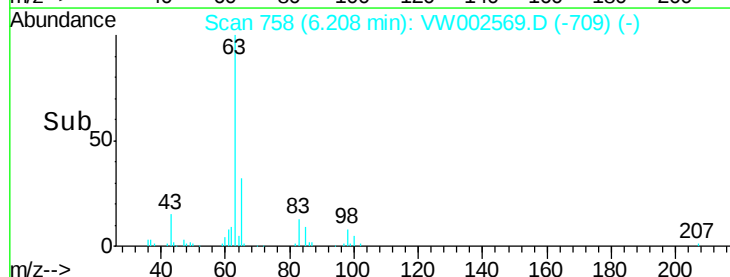
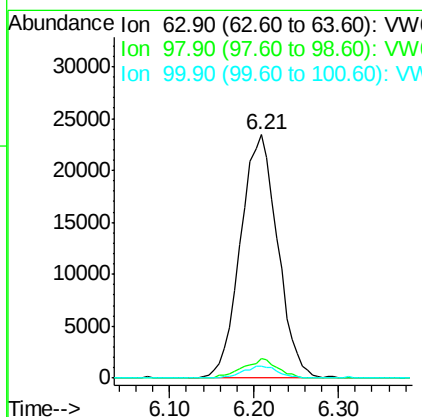
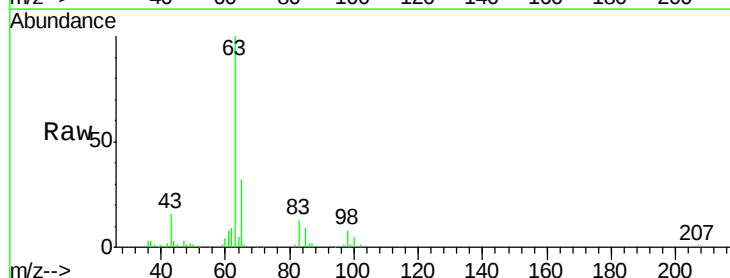
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

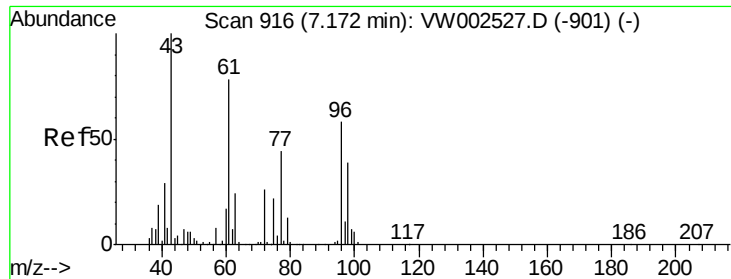
Tgt Ion: 43 Resp: 340004
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 20.59 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion: 63 Resp: 70216
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 101.09 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampled :

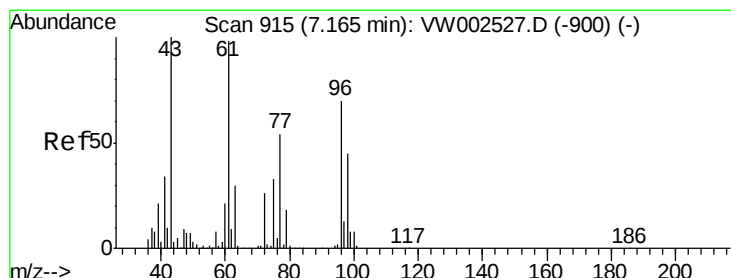
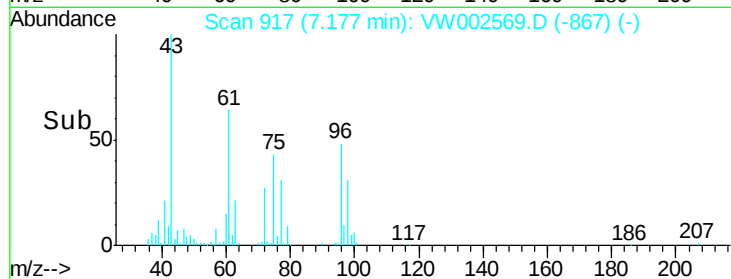
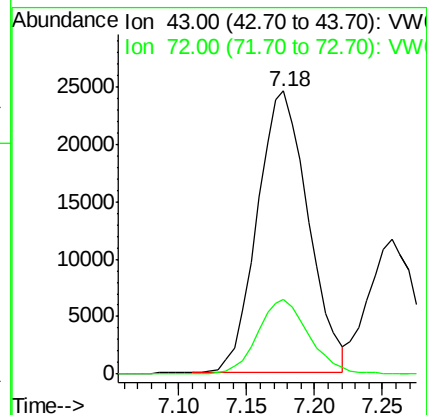
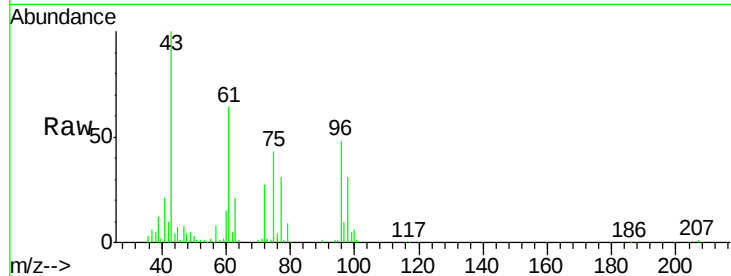
VW0515SBSD03

Tgt Ion: 43 Resp: 64172

Ion Ratio Lower Upper

43 100

72 26.7 20.9 31.3



#26

2,2-Dichloropropane

Concen: 16.94 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002569.D

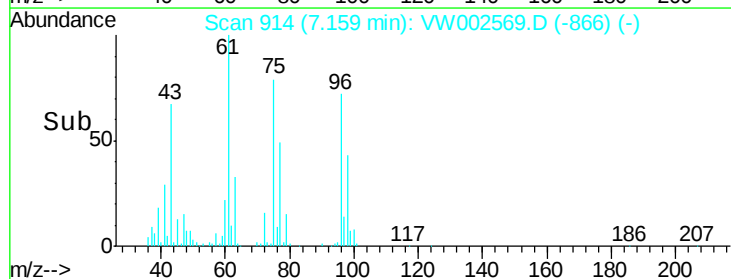
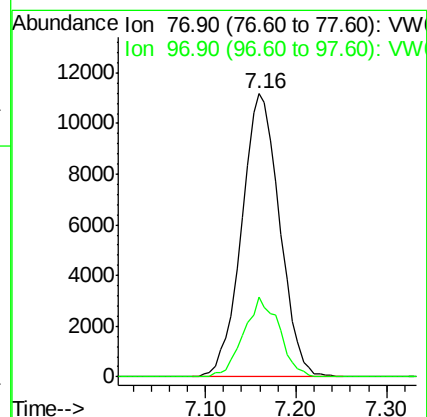
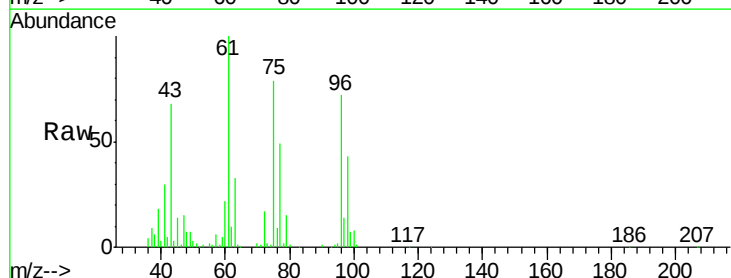
Acq: 16 May 2018 00:57

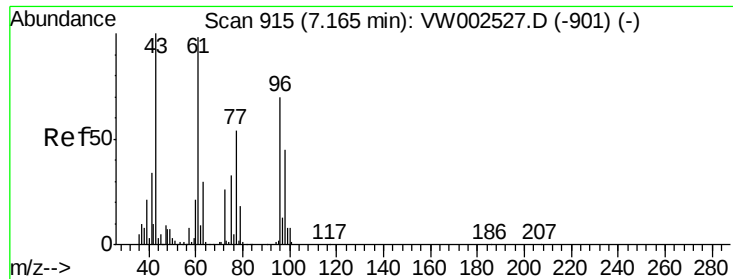
Tgt Ion: 77 Resp: 32365

Ion Ratio Lower Upper

77 100

97 26.4 12.1 36.3



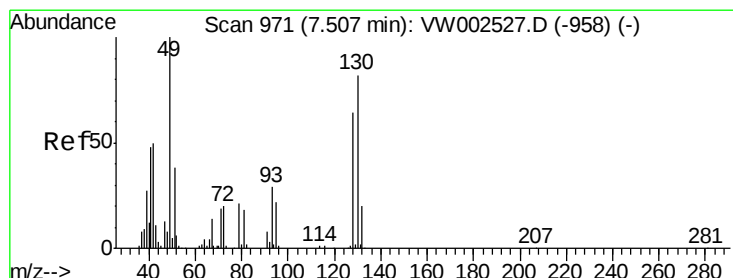
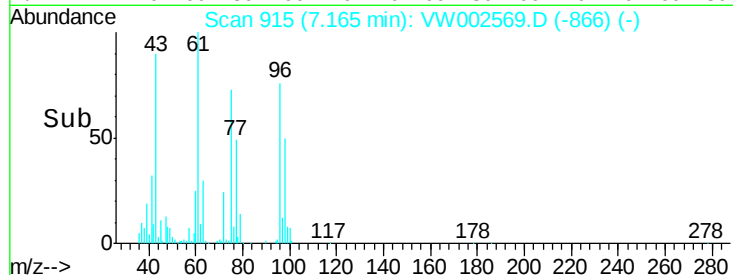
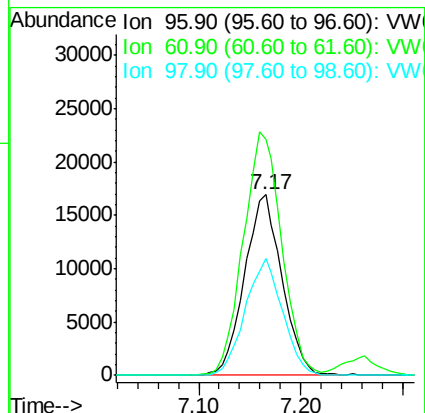
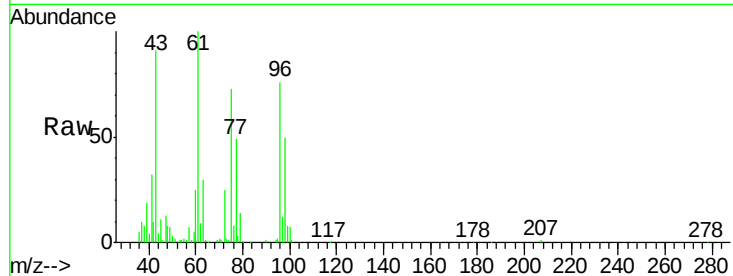


#27

cis-1,2-Dichloroethene
 Concen: 20.37 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

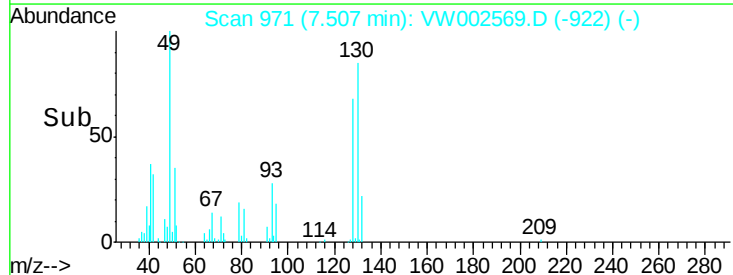
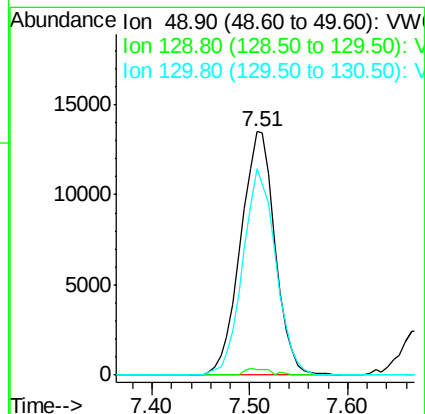
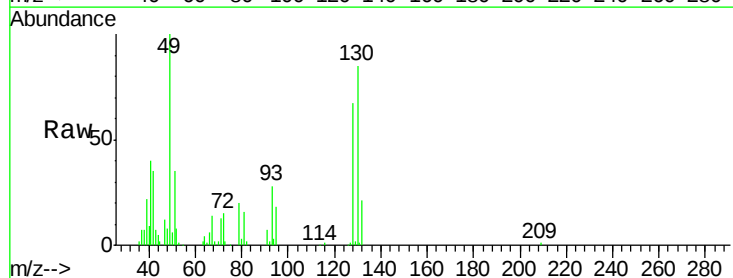
Tgt Ion: 96 Resp: 43229
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 281.6
 98 64.4 0.0 130.8

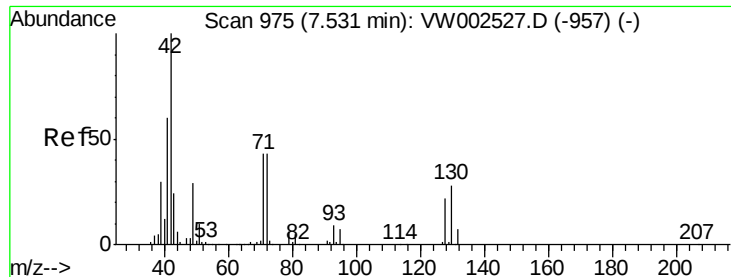


#28

Bromochloromethane
 Concen: 21.70 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion: 49 Resp: 33024
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 81.4 64.7 97.1

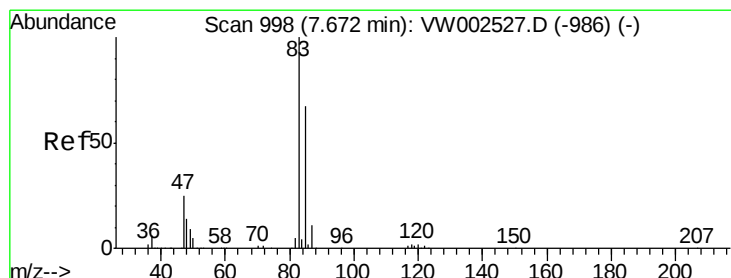
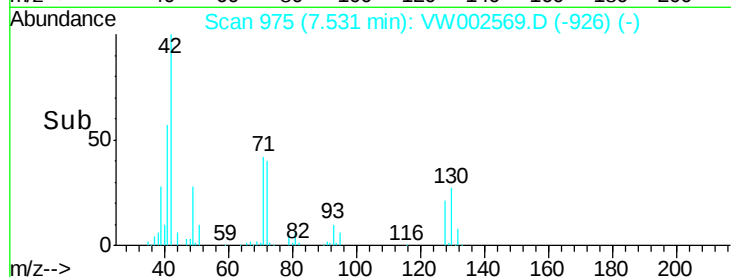
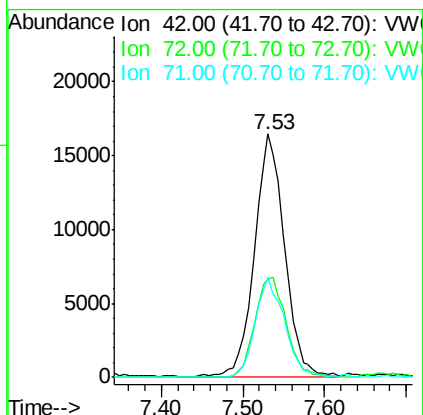
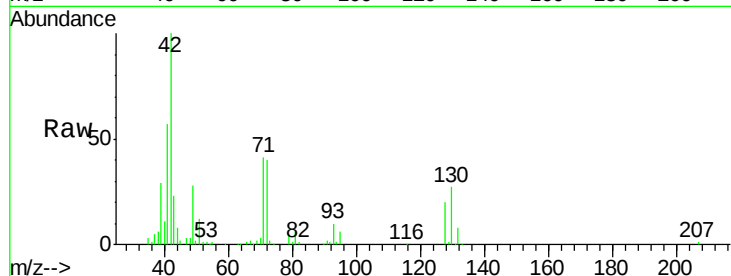




#29
Tetrahydrofuran
Concen: 107.69 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

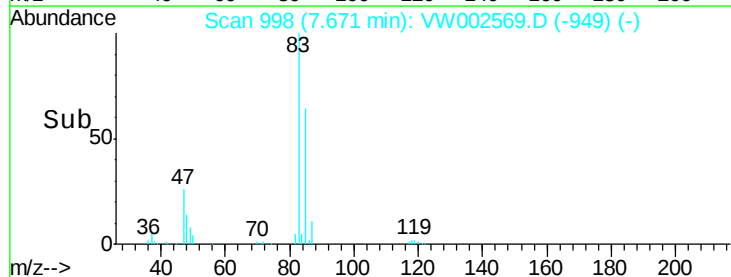
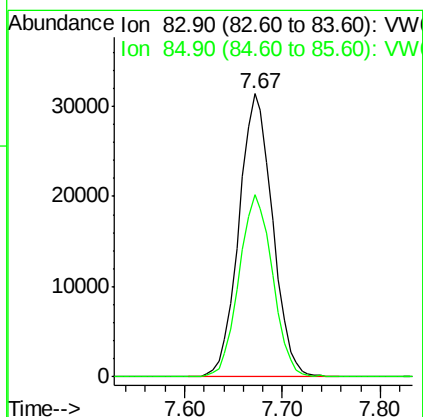
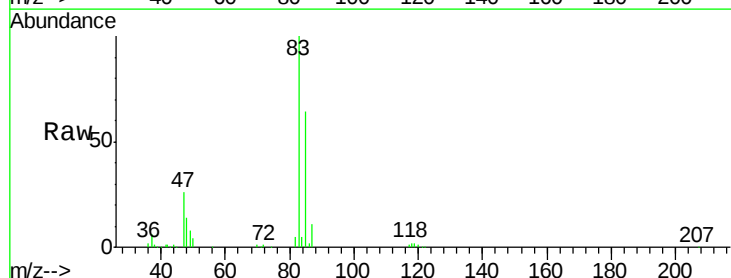
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

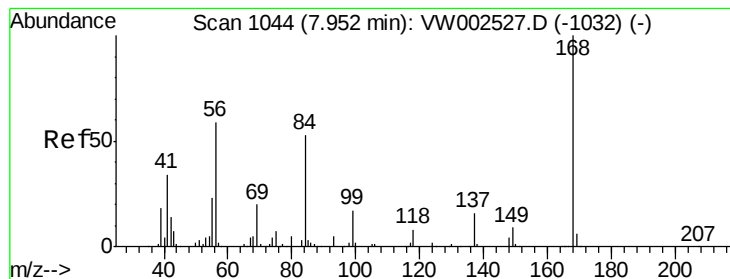
Tgt Ion: 42 Resp: 42705
Ion Ratio Lower Upper
42 100
72 42.6 35.0 52.4
71 39.8 33.0 49.6



#30
Chloroform
Concen: 20.53 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion: 83 Resp: 74749
Ion Ratio Lower Upper
83 100
85 64.2 53.9 80.9





#31

Cyclohexane

Concen: 19.33 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

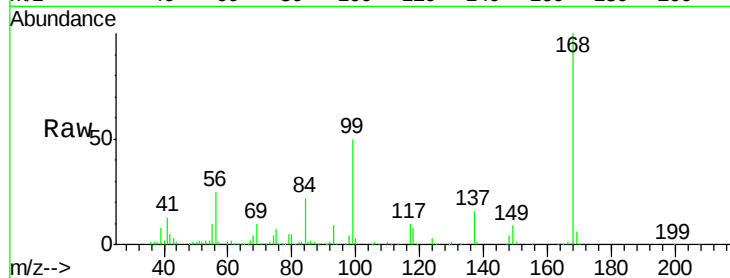
Tgt Ion: 56 Resp: 58402

Ion Ratio Lower Upper

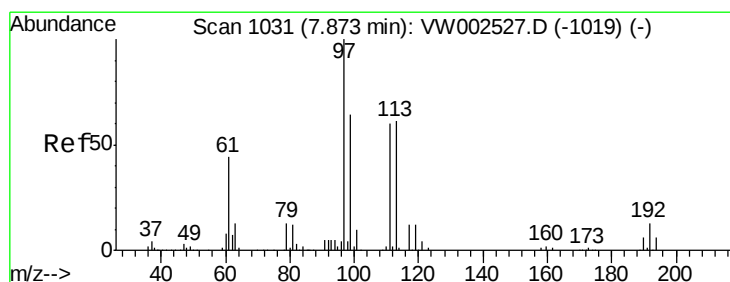
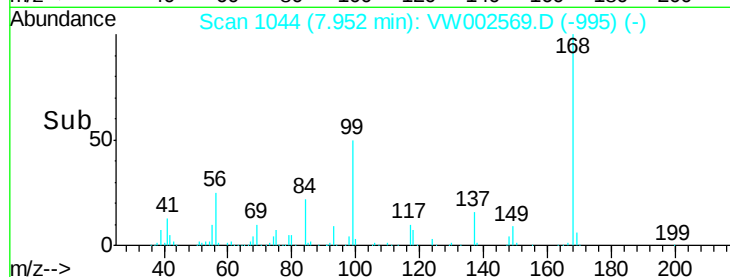
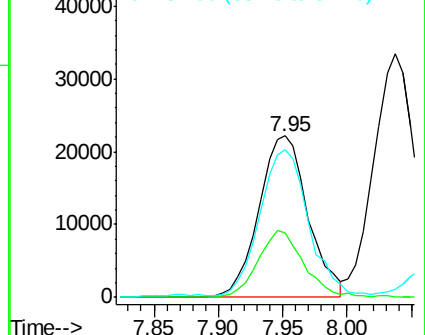
56 100

69 39.5 27.0 40.4

84 90.0 72.2 108.2



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



#32

1,1,1-Trichloroethane

Concen: 20.50 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

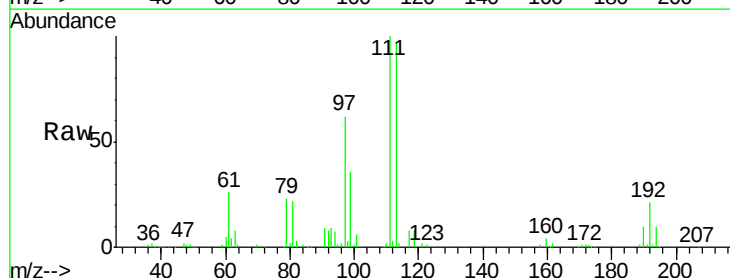
Tgt Ion: 97 Resp: 56299

Ion Ratio Lower Upper

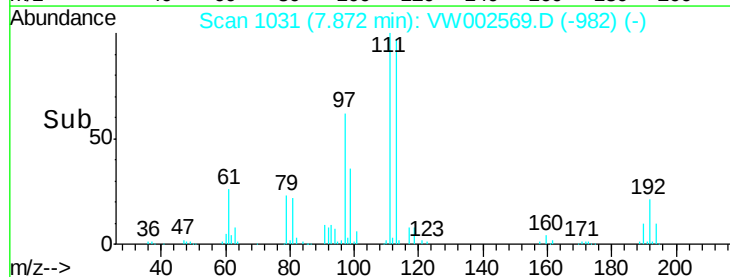
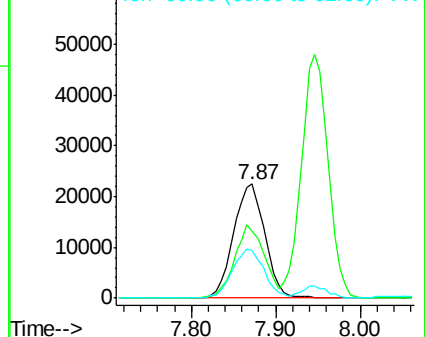
97 100

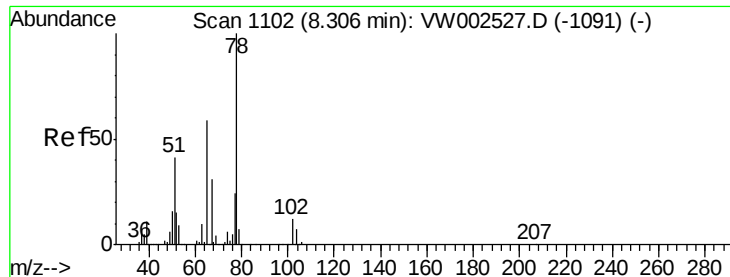
99 60.8 51.1 76.7

61 43.6 35.9 53.9



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





#33

1,2-Dichloroethane-d4

Concen: 55.02 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

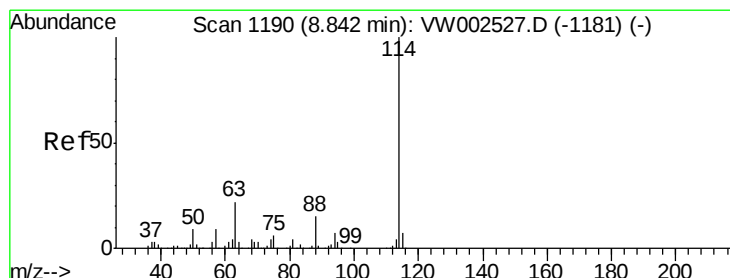
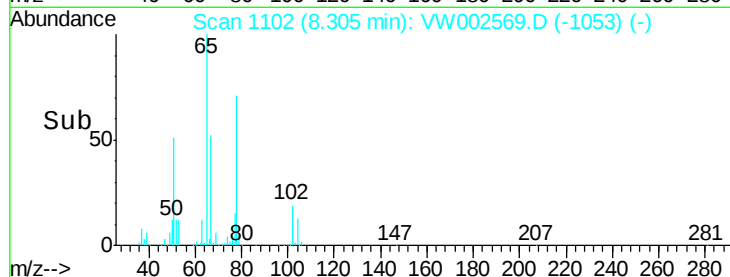
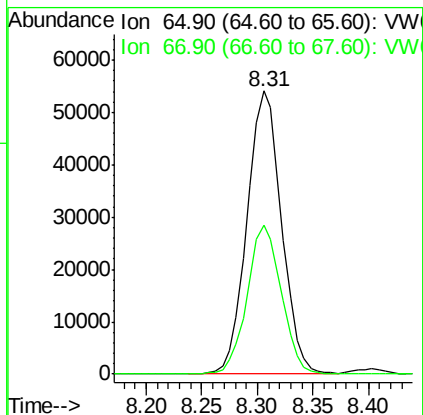
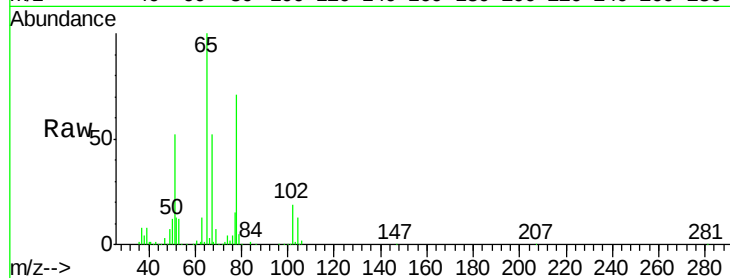
VW0515SBSD03

Tgt Ion: 65 Resp: 117000

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

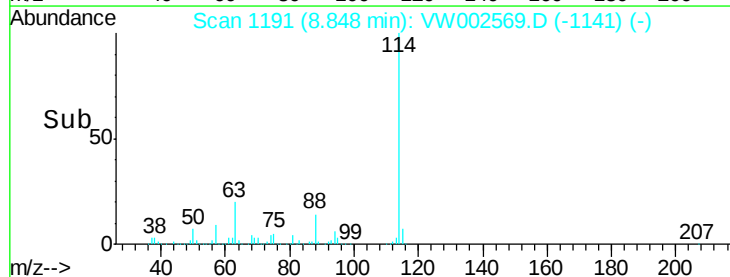
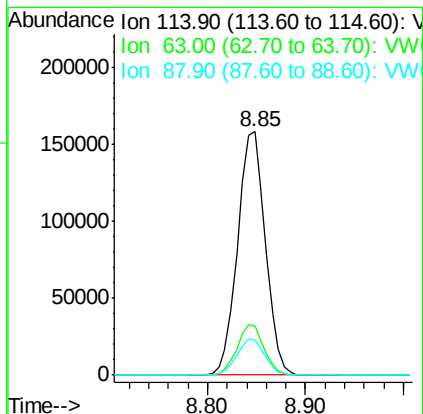
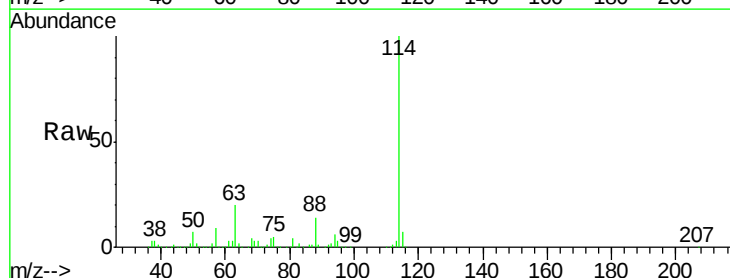
Tgt Ion: 114 Resp: 312368

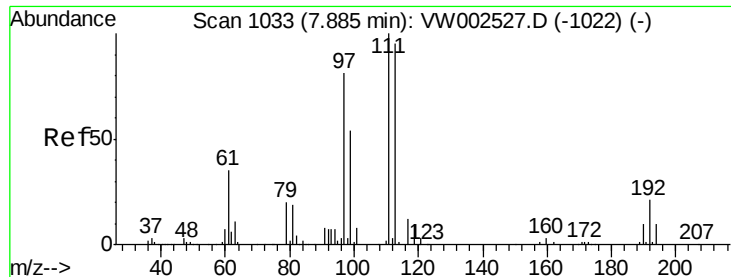
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.5 0.0 29.2

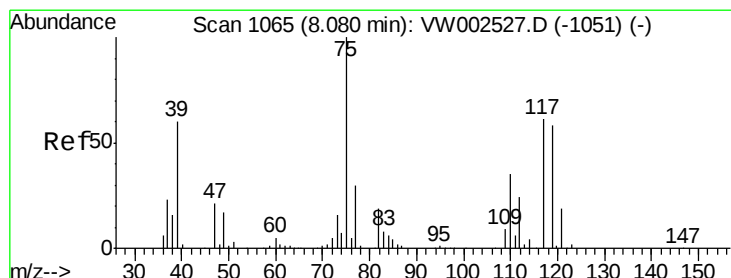
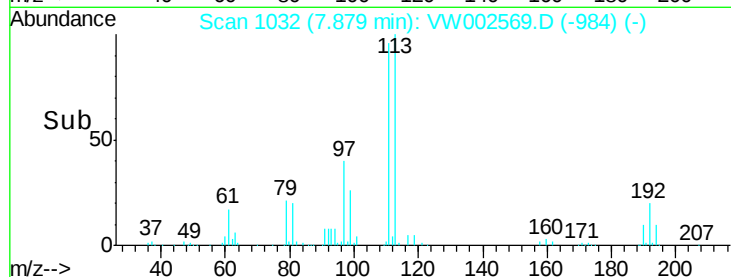
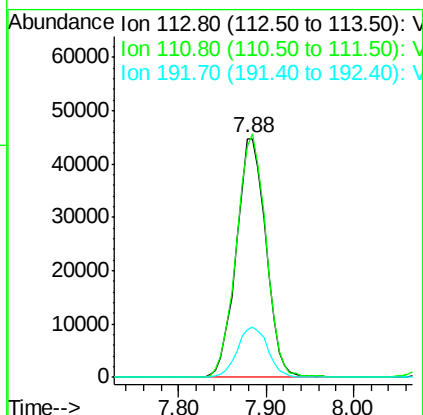
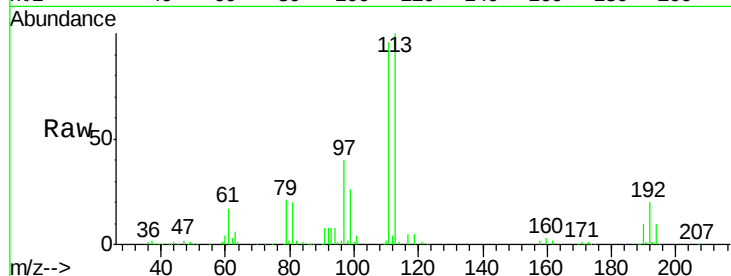




#35
 Dibromofluoromethane
 Concen: 53.36 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

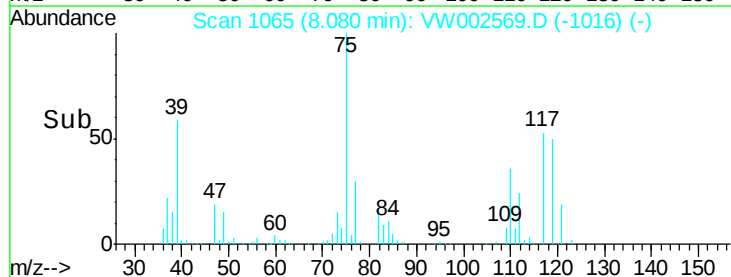
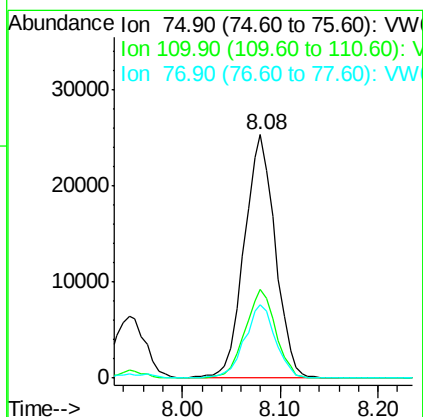
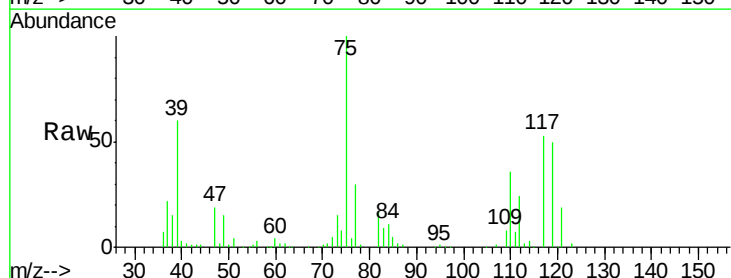
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

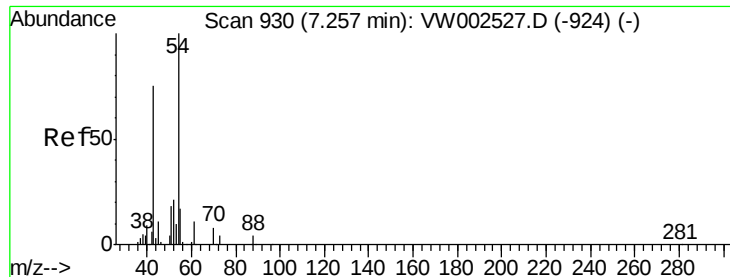
Tgt Ion:113 Resp: 105746
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 21.5 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 20.12 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion: 75 Resp: 55456
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.8 53.5
 77 30.1 24.5 36.7

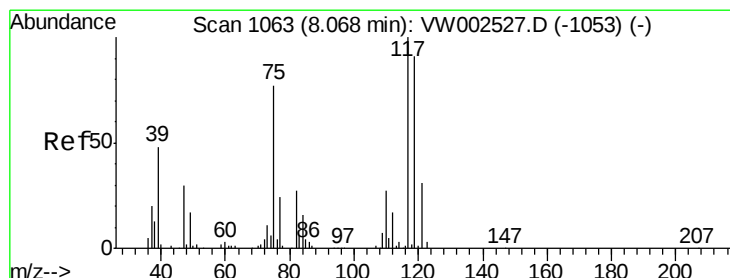
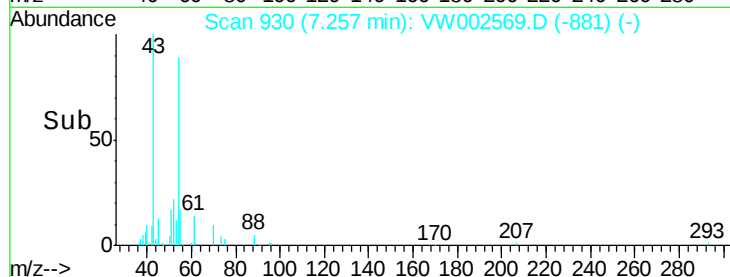
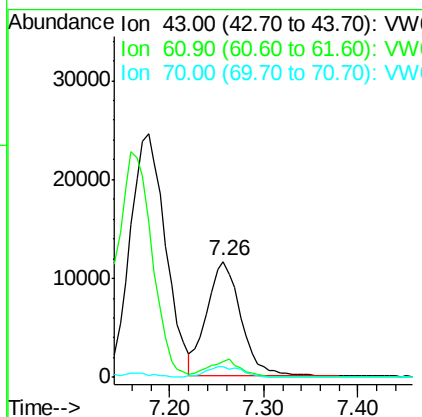
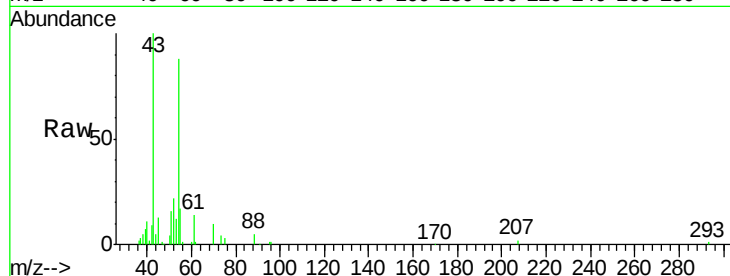




#37
 Ethyl Acetate
 Concen: 21.35 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

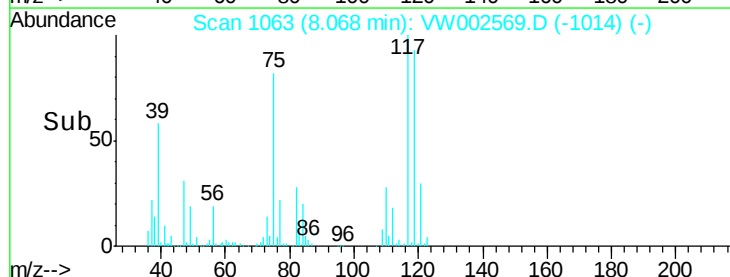
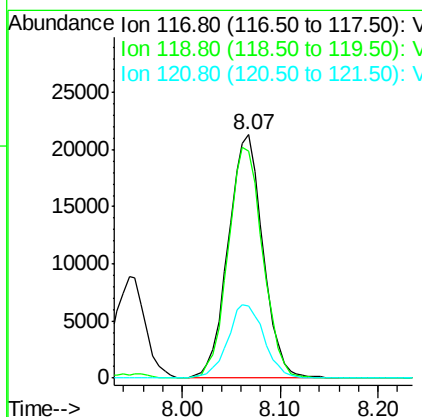
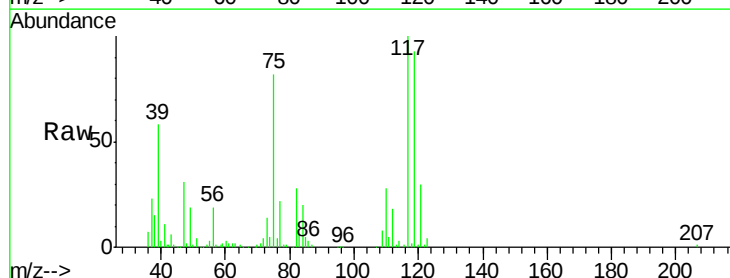
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

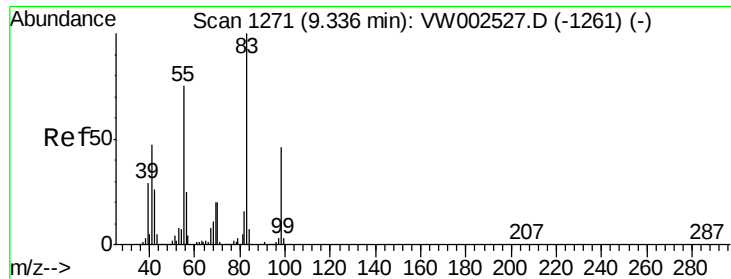
Tgt Ion: 43 Resp: 29183
 Ion Ratio Lower Upper
 43 100
 61 14.7 11.1 16.7
 70 10.1 7.8 11.8



#38
 Carbon Tetrachloride
 Concen: 19.40 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion: 117 Resp: 52368
 Ion Ratio Lower Upper
 117 100
 119 93.1 73.1 109.7
 121 29.6 24.4 36.6

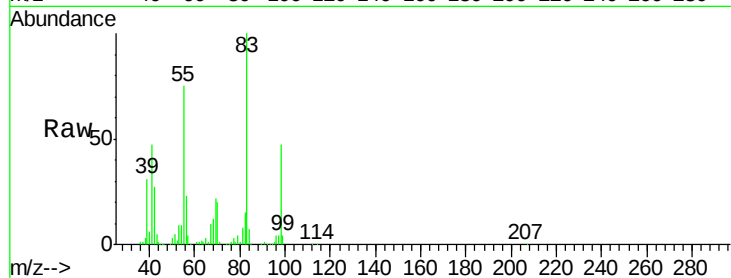




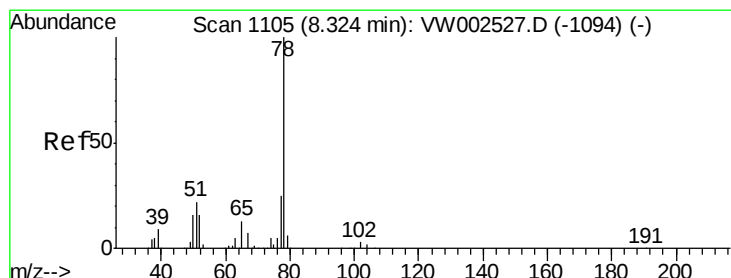
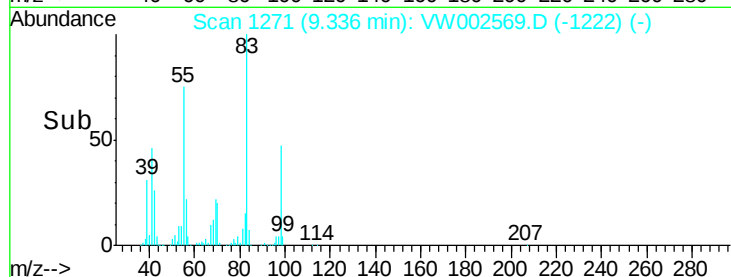
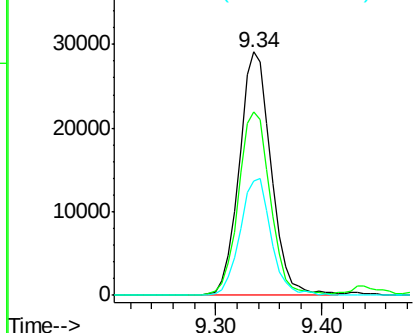
#39
Methylcyclohexane
Concen: 19.38 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

Tgt Ion: 83 Resp: 61179
Ion Ratio Lower Upper
83 100
55 75.1 60.0 90.0
98 47.0 37.0 55.4

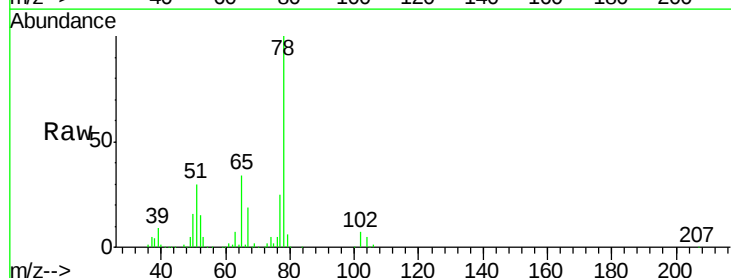


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

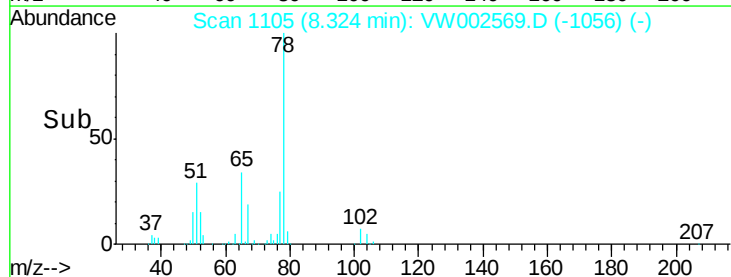
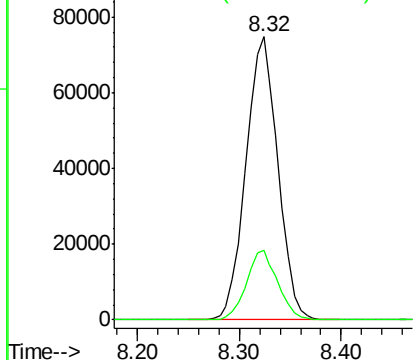


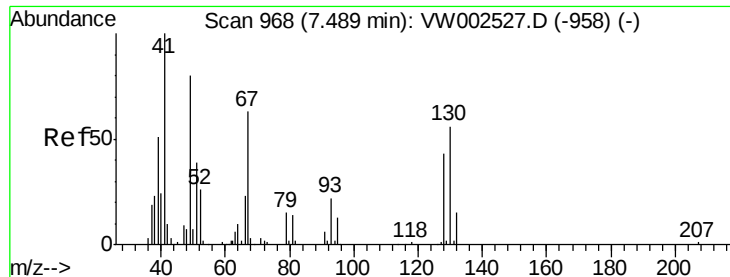
#40
Benzene
Concen: 20.56 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion: 78 Resp: 162717
Ion Ratio Lower Upper
78 100
77 24.7 19.9 29.9



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

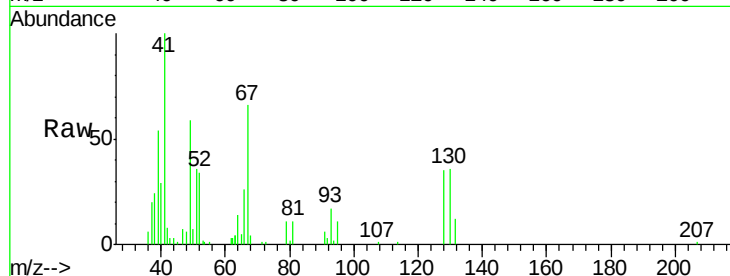




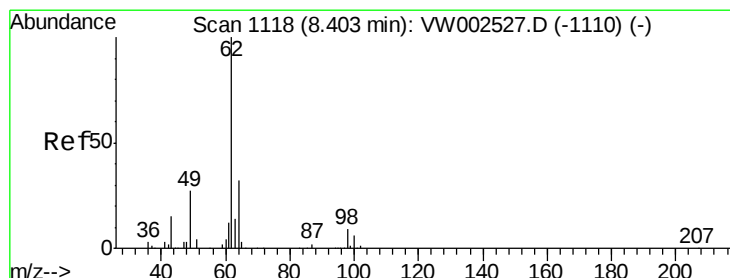
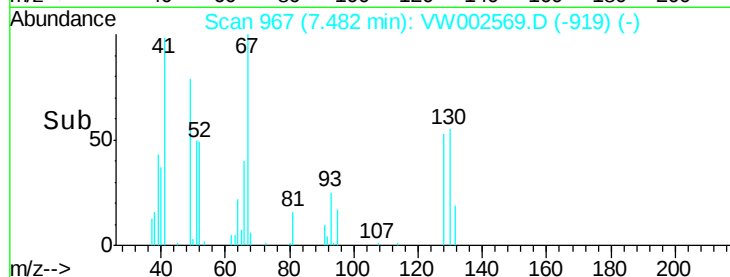
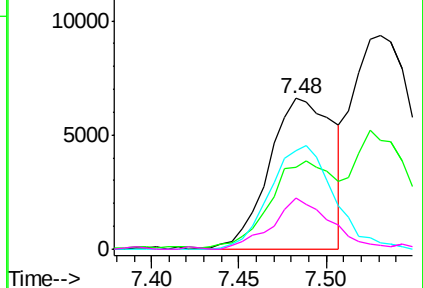
#41
Methacrylonitrile
Concen: 22.23 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

Tgt Ion:	41	Resp:	17011
Ion	Ratio	Lower	Upper
41	100		
39	56.2	51.8	77.8
67	68.0	59.9	89.9
52	31.8	26.6	39.8

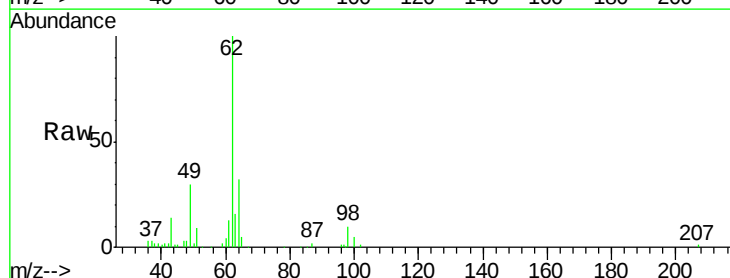


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

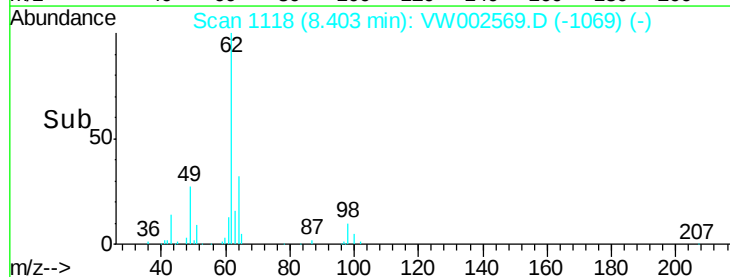
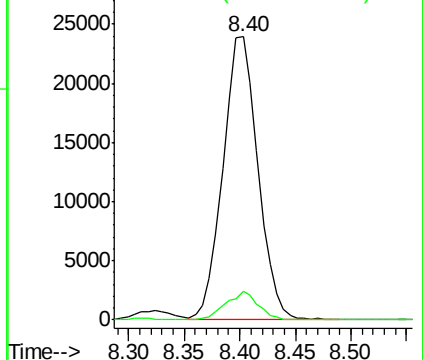


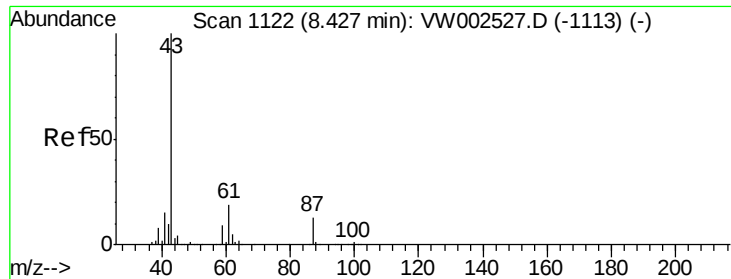
#42
1,2-Dichloroethane
Concen: 20.78 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion:	62	Resp:	52235
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



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

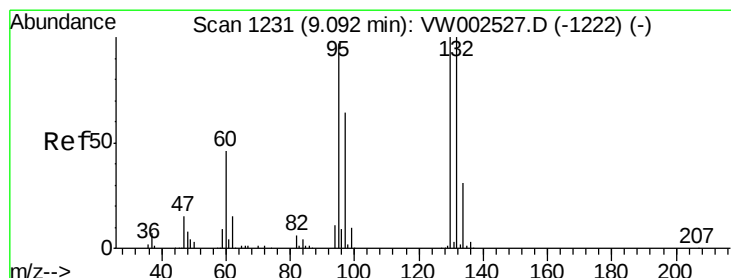
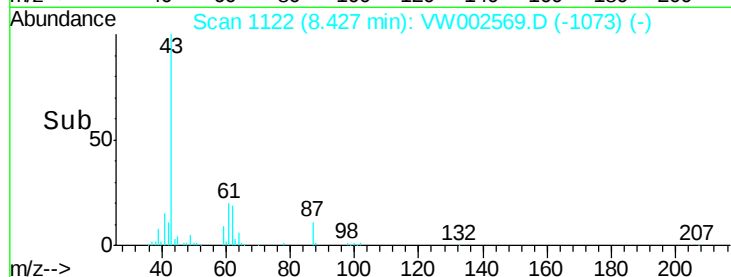
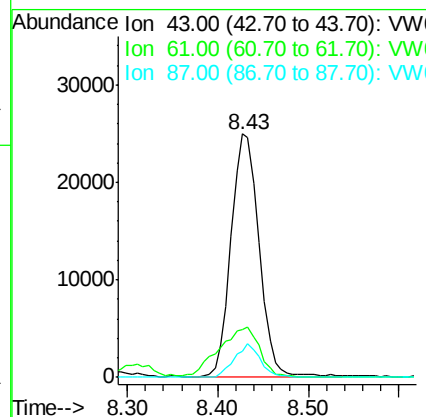
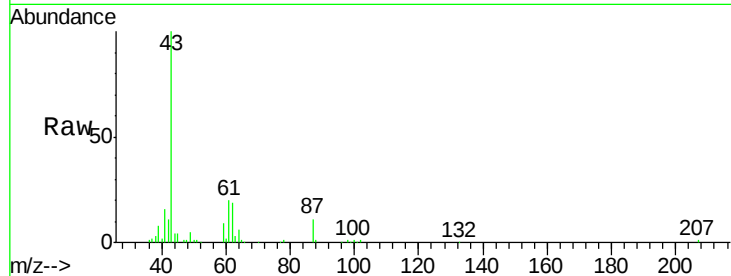




#43
Isopropyl Acetate
Concen: 20.35 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

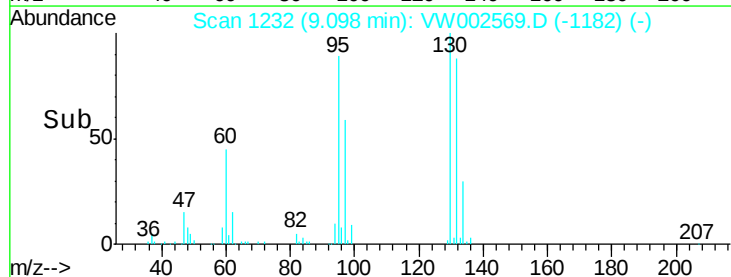
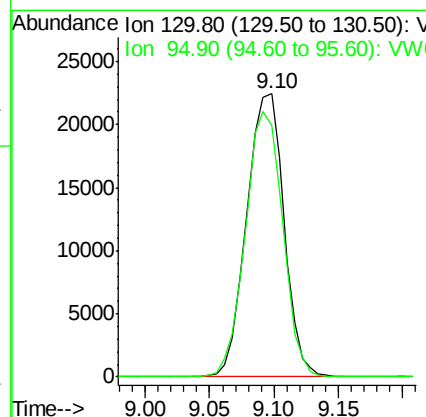
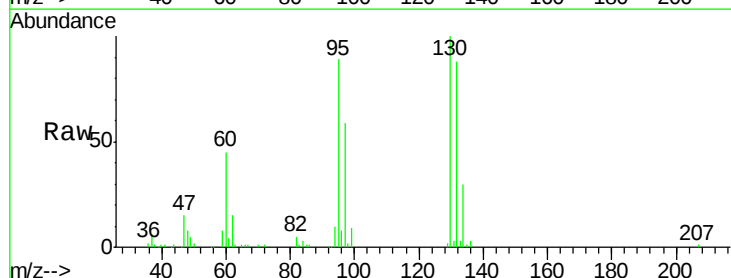
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

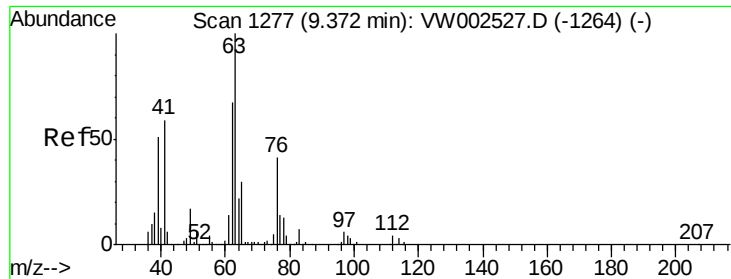
Tgt Ion: 43 Resp: 53522
Ion Ratio Lower Upper
43 100
61 29.9 23.0 34.6
87 12.6 10.6 15.8



#44
Trichloroethene
Concen: 20.75 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion: 130 Resp: 45010
Ion Ratio Lower Upper
130 100
95 88.9 0.0 194.6

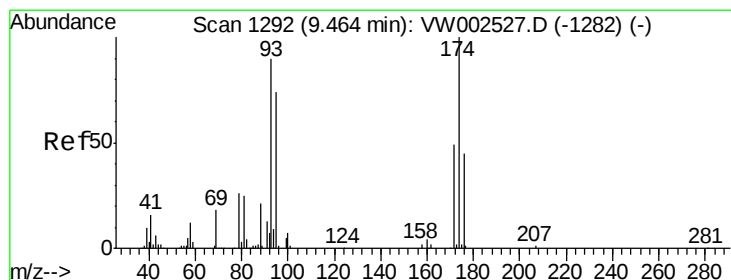
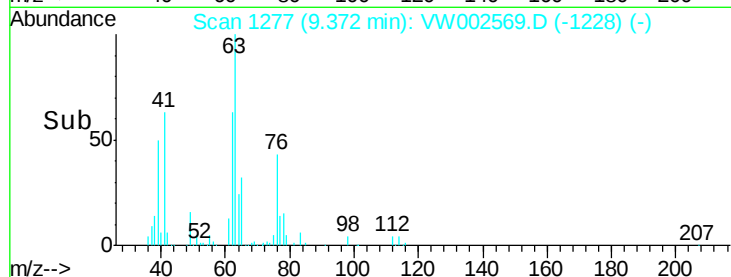
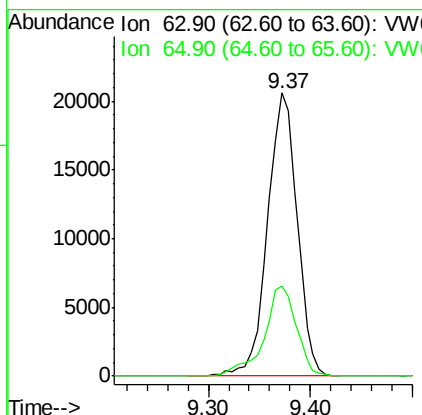
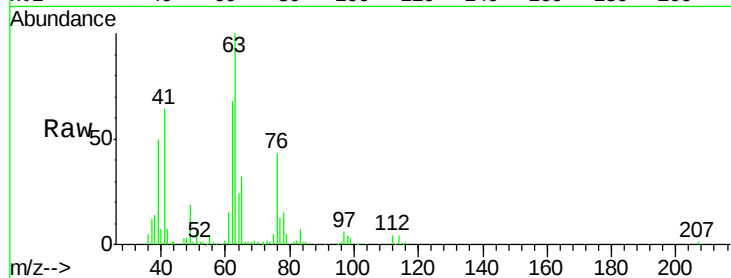




#45
 1,2-Dichloropropane
 Concen: 20.58 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

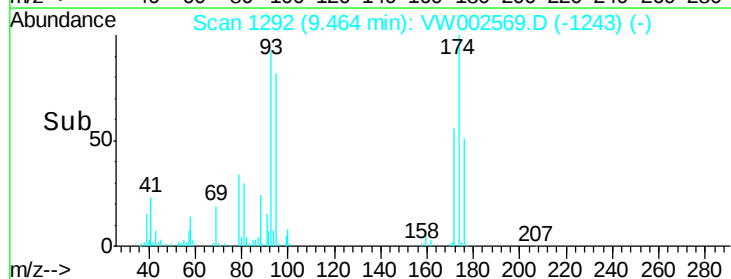
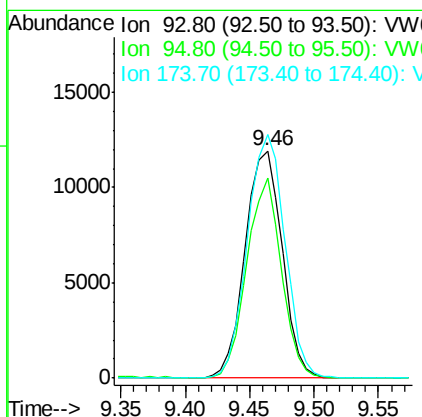
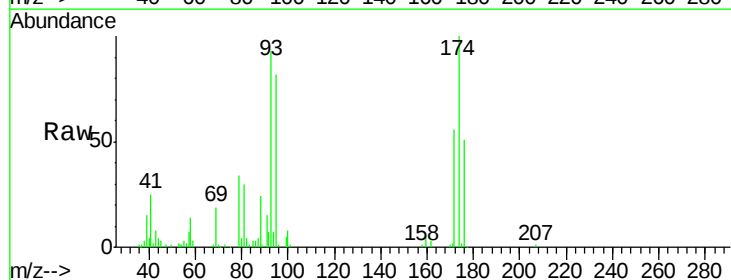
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

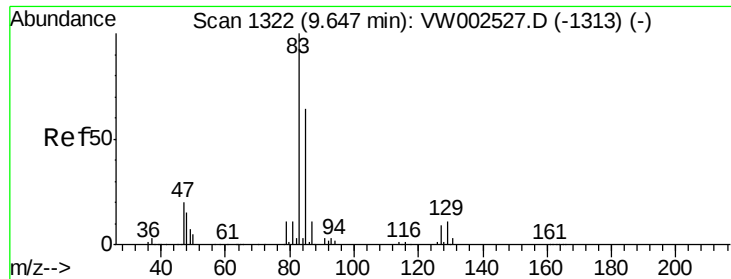
Tgt Ion: 63 Resp: 41495
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.4 36.6



#46
 Dibromomethane
 Concen: 20.68 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion: 93 Resp: 23727
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 100.0
 174 108.8 84.0 126.0





#47

Bromodichloromethane

Concen: 20.60 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

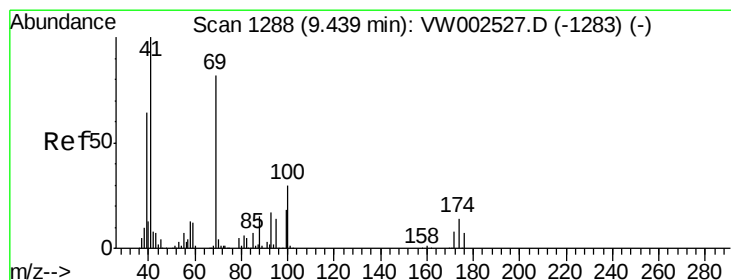
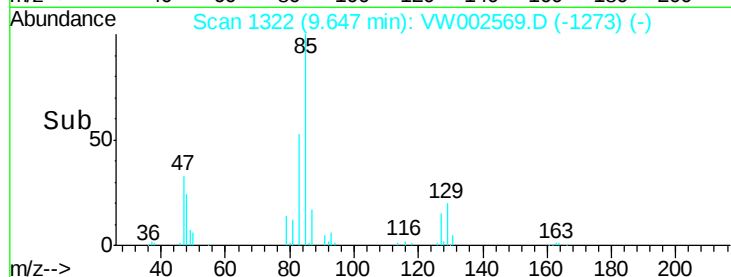
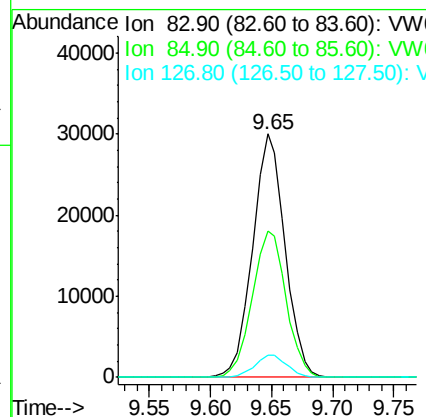
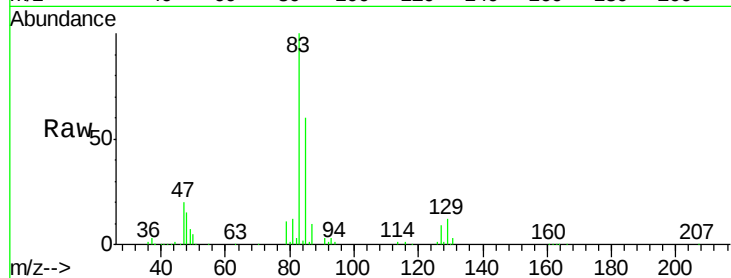
Tgt Ion: 83 Resp: 55133

Ion Ratio Lower Upper

83 100

85 60.3 51.4 77.2

127 8.9 7.0 10.4



#48

Methyl methacrylate

Concen: 19.68 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

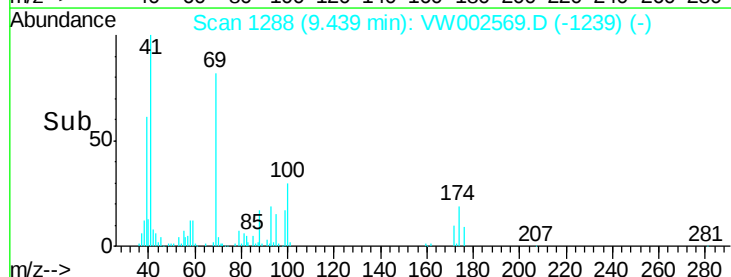
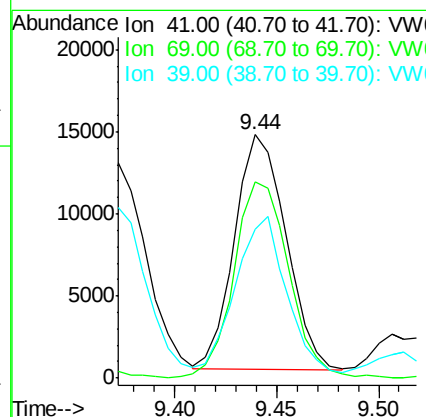
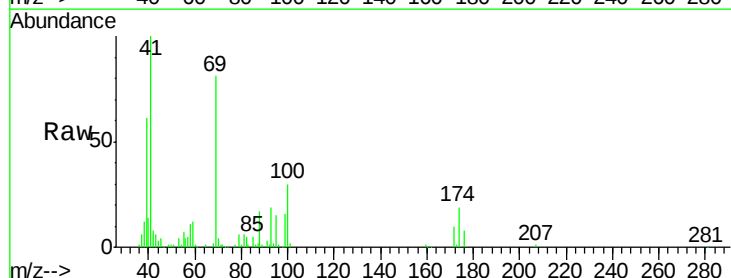
Tgt Ion: 41 Resp: 25075

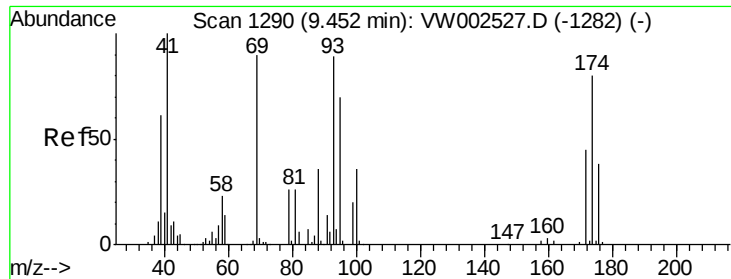
Ion Ratio Lower Upper

41 100

69 89.5 69.7 104.5

39 69.7 55.0 82.4





#49

1,4-Dioxane

Concen: 460.59 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

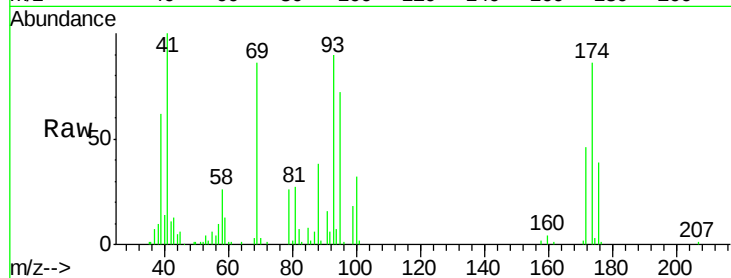
Tgt Ion: 88 Resp: 8809

Ion Ratio Lower Upper

88 100

43 31.5 27.0 40.4

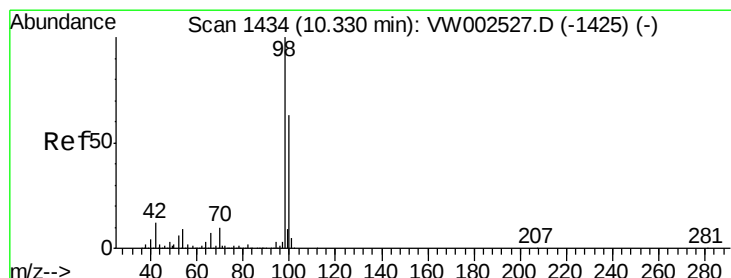
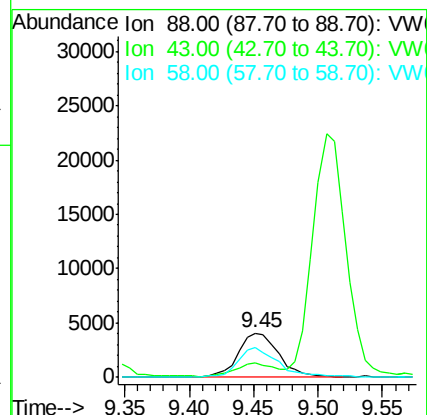
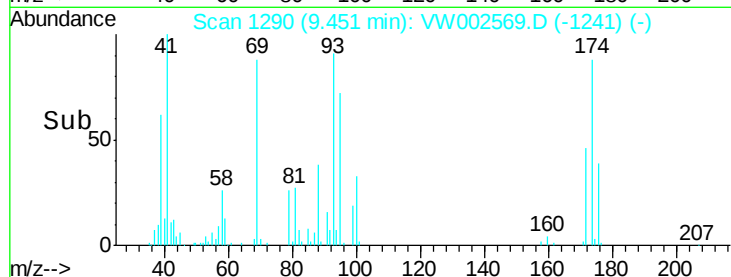
58 68.9 56.9 85.3



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: 53.45 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002569.D

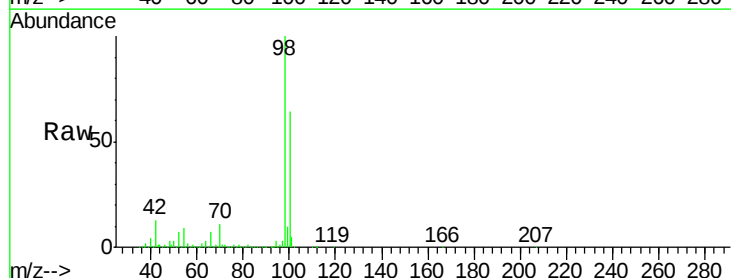
Acq: 16 May 2018 00:57

Tgt Ion: 98 Resp: 402944

Ion Ratio Lower Upper

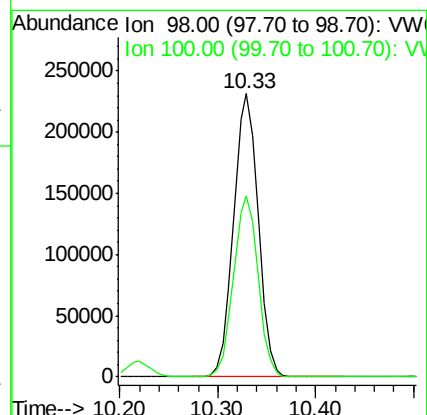
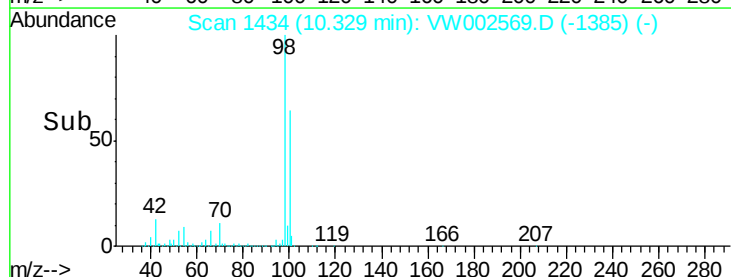
98 100

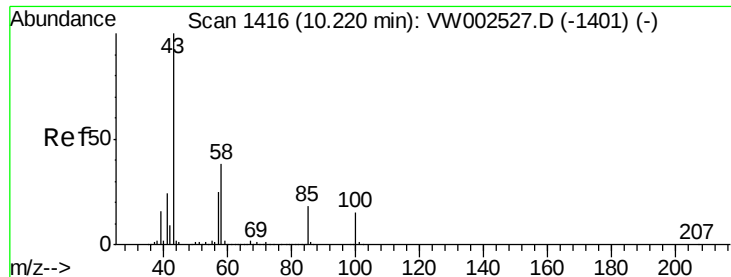
100 63.7 51.0 76.4



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: 103.32 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

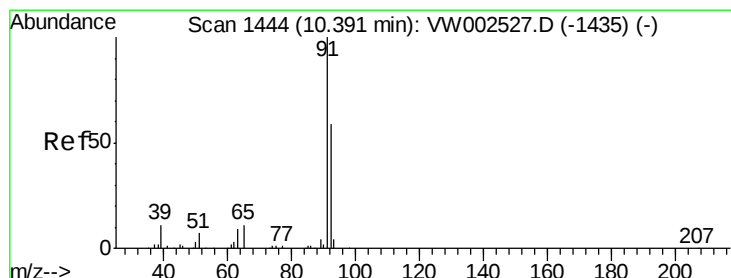
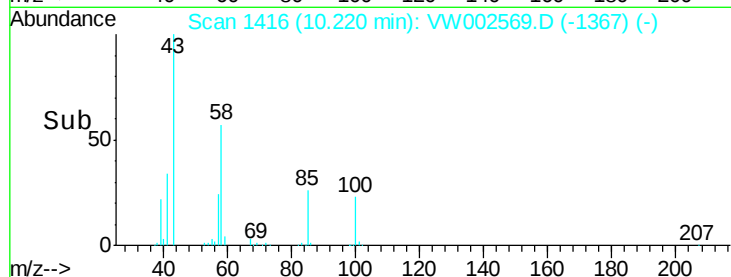
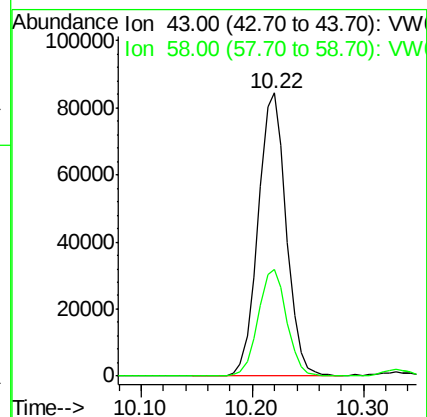
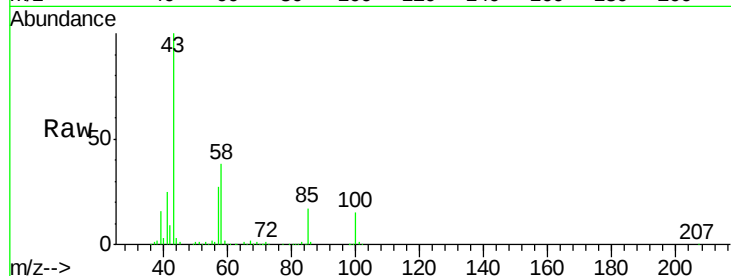
VW0515SBS03

Tgt Ion: 43 Resp: 149171

Ion Ratio Lower Upper

43 100

58 38.0 30.1 45.1



#52

Toluene

Concen: 20.52 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002569.D

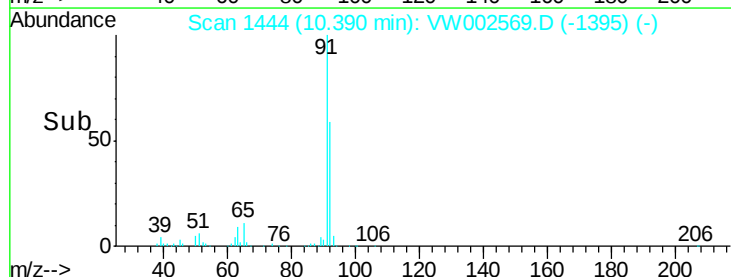
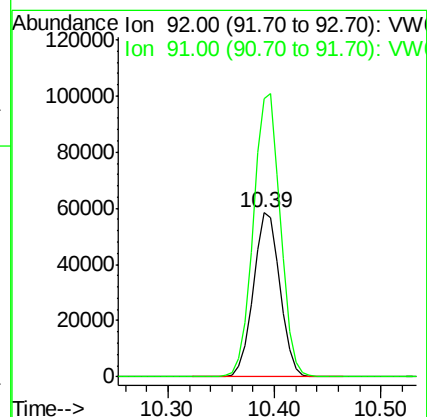
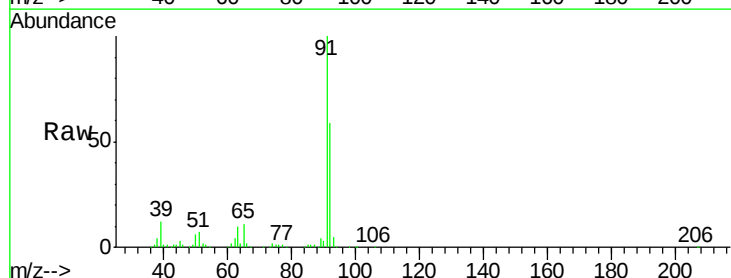
Acq: 16 May 2018 00:57

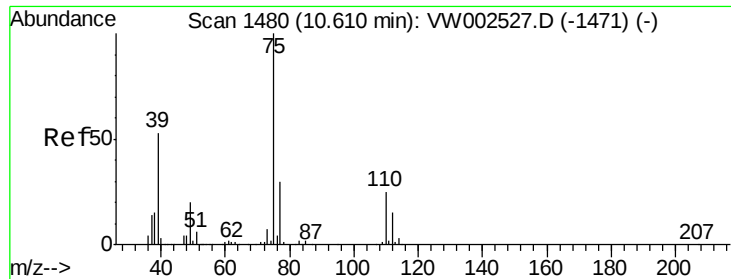
Tgt Ion: 92 Resp: 102678

Ion Ratio Lower Upper

92 100

91 174.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.33 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

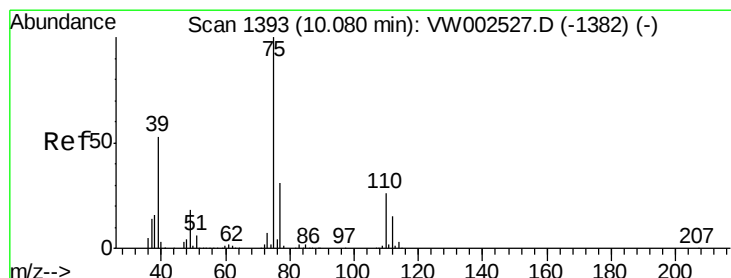
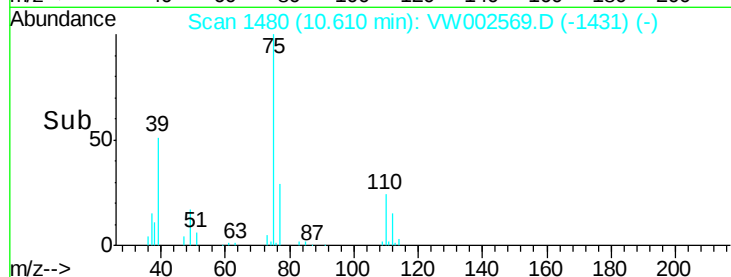
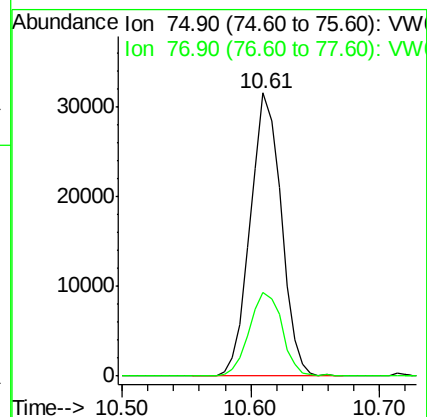
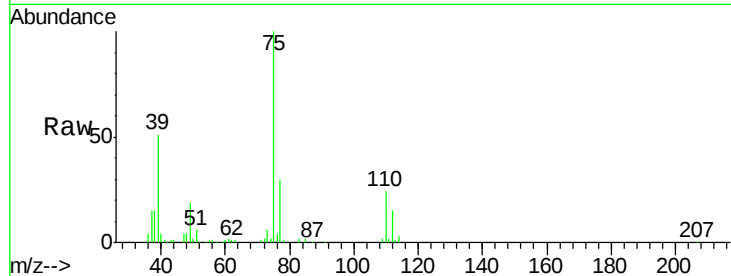
VW0515SBSD03

Tgt Ion: 75 Resp: 52312

Ion Ratio Lower Upper

75 100

77 29.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

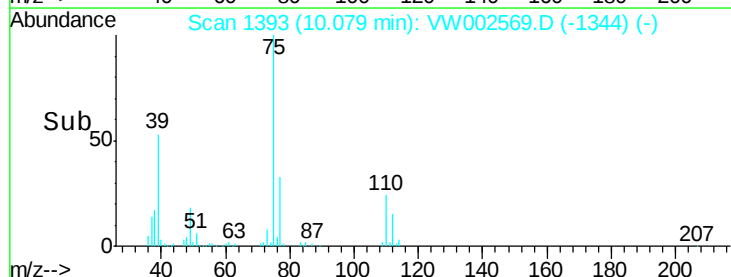
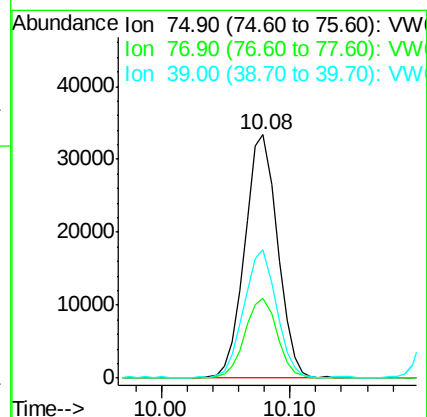
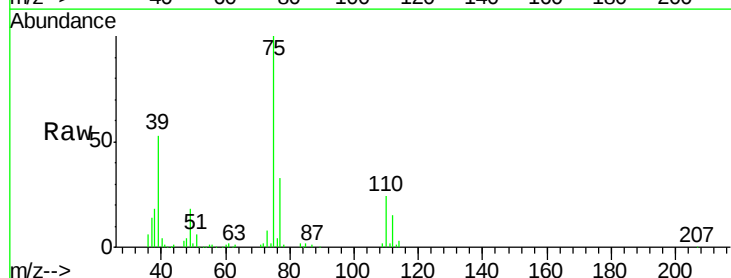
Tgt Ion: 75 Resp: 58893

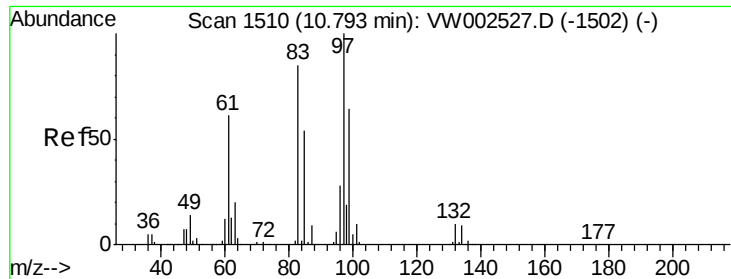
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.4

39 52.8 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 20.71 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tgt Ion: 97 Resp: 33489

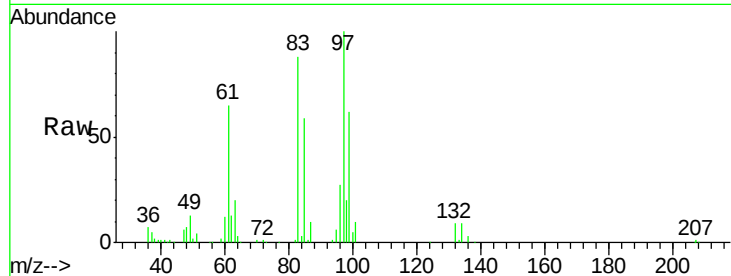
Ion Ratio Lower Upper

97 100

83 88.4 68.1 102.1

85 59.0 43.6 65.4

99 62.5 51.2 76.8

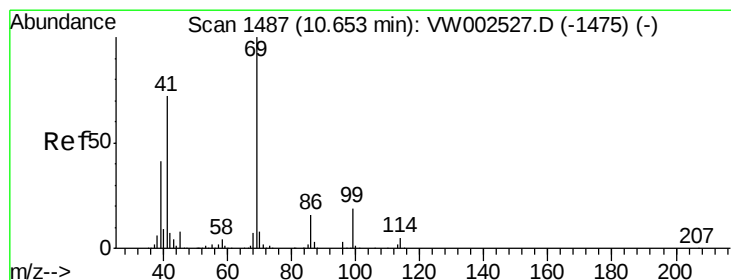
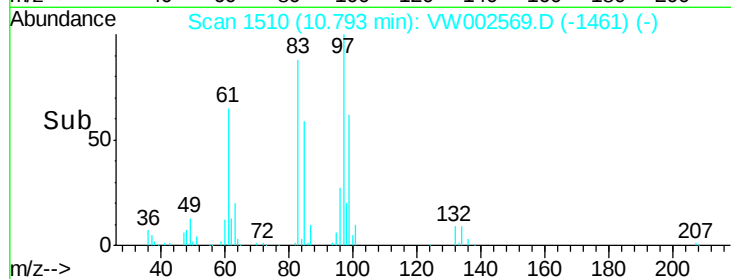
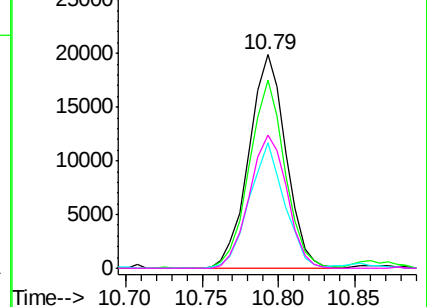


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.48 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

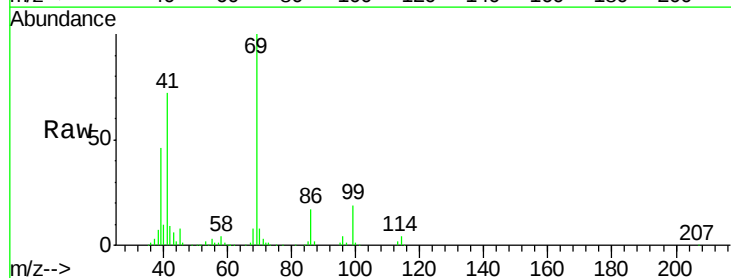
Tgt Ion: 69 Resp: 40357

Ion Ratio Lower Upper

69 100

41 67.5 55.3 82.9

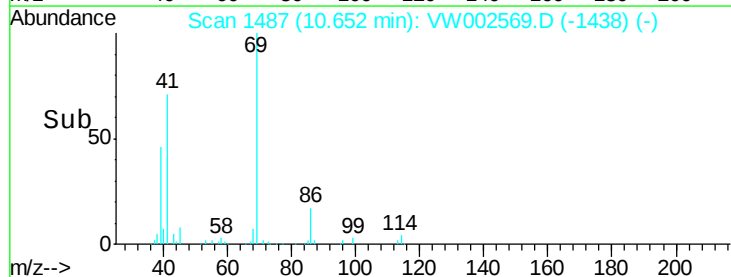
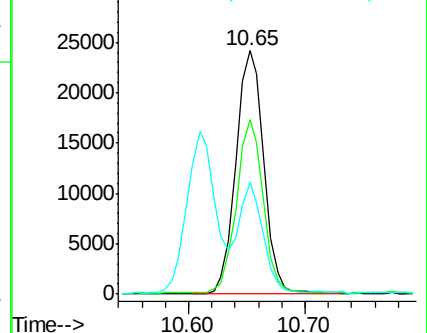
39 39.4 33.0 49.6

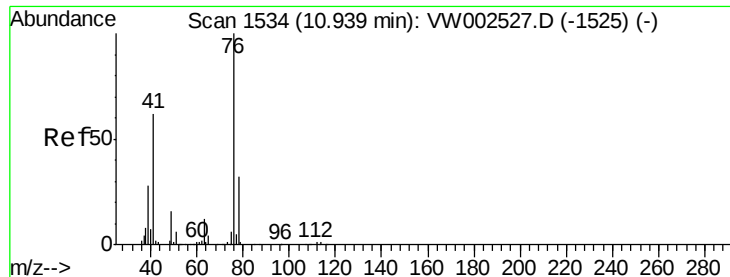


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 20.71 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

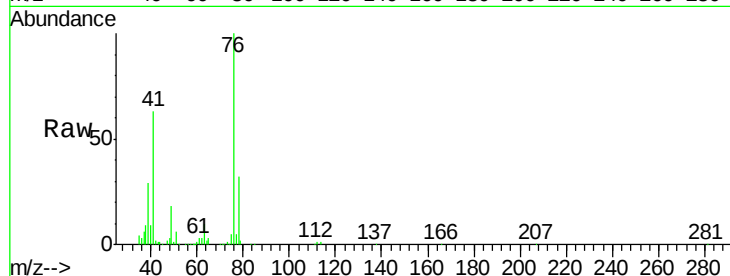
VW0515SBSD03

Tgt Ion: 76 Resp: 55542

Ion Ratio Lower Upper

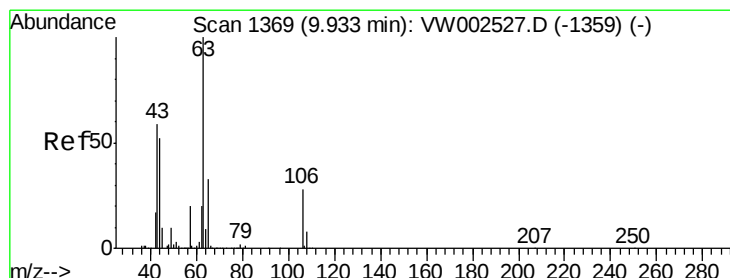
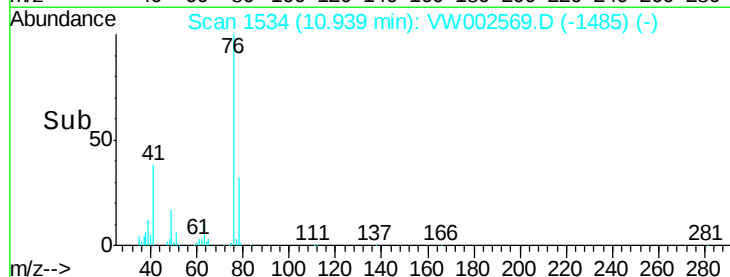
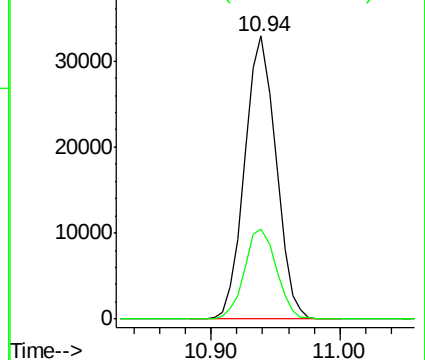
76 100

78 32.5 25.6 38.4



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: 106.82 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW002569.D

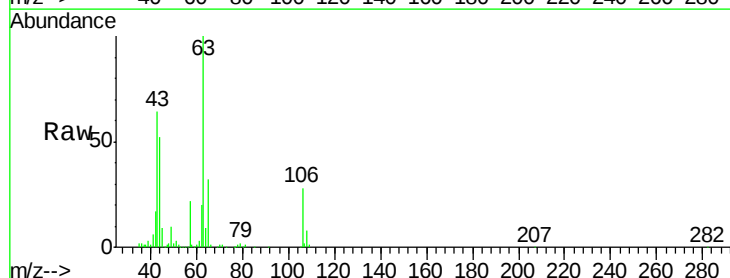
Acq: 16 May 2018 00:57

Tgt Ion: 63 Resp: 103319

Ion Ratio Lower Upper

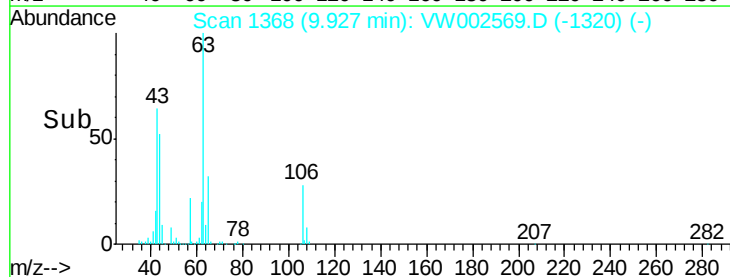
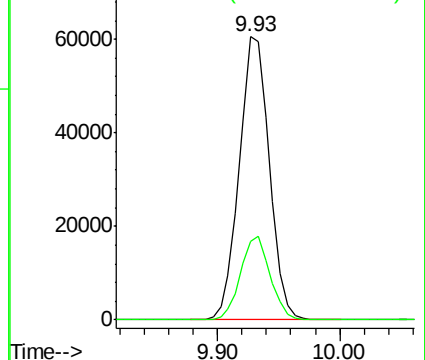
63 100

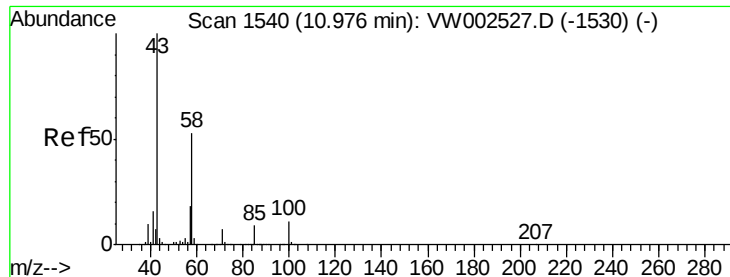
106 28.8 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

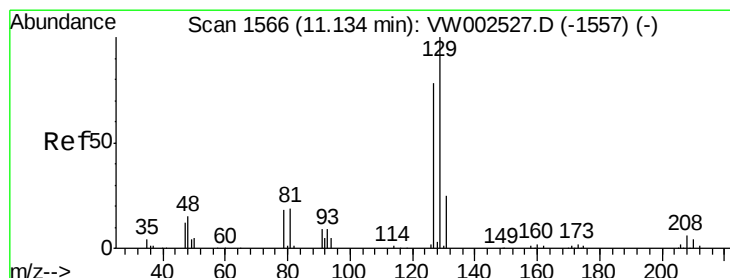
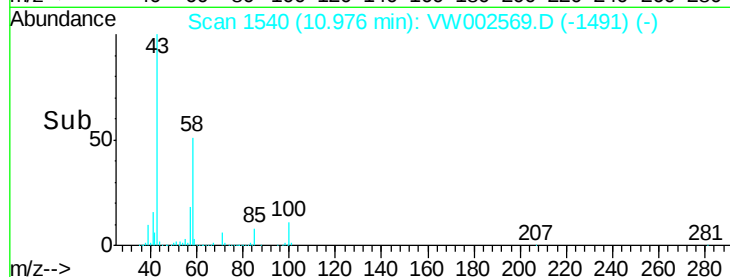
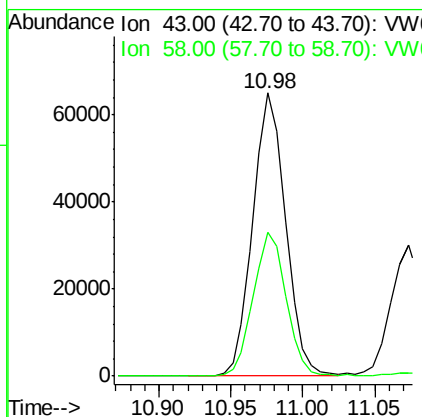
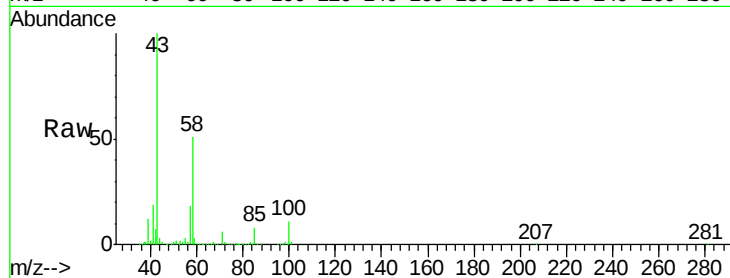




#59
 2-Hexanone
 Concen: 102.73 ug/l
 RT: 10.98 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

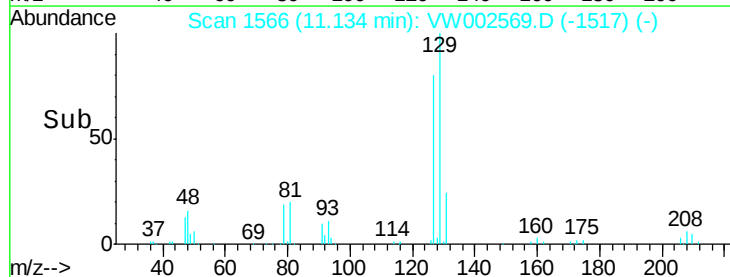
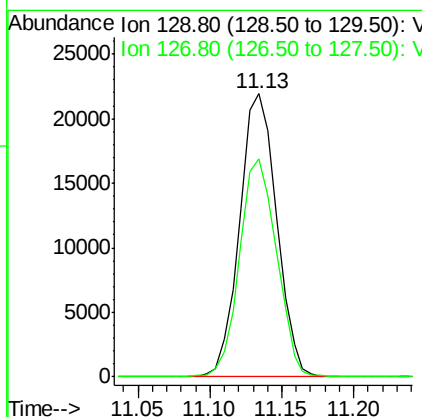
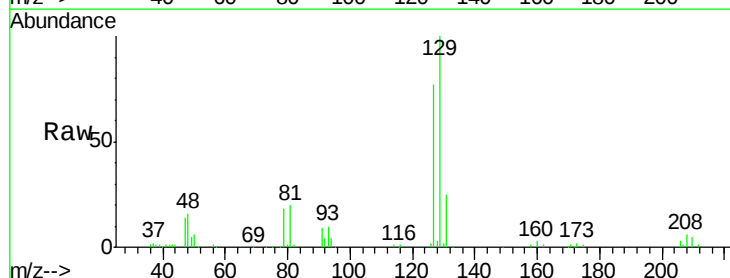
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

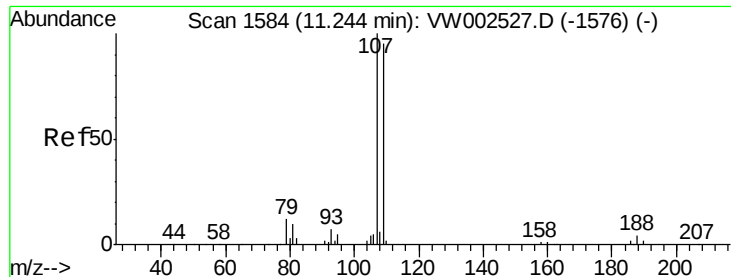
Tgt Ion: 43 Resp: 102394
 Ion Ratio Lower Upper
 43 100
 58 51.2 26.3 78.8



#60
 Dibromochloromethane
 Concen: 20.53 ug/l
 RT: 11.13 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion: 129 Resp: 39172
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.6 115.7

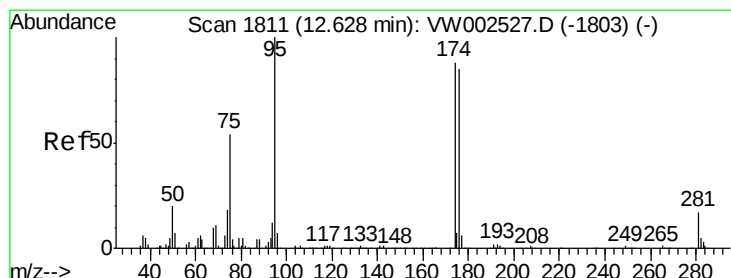
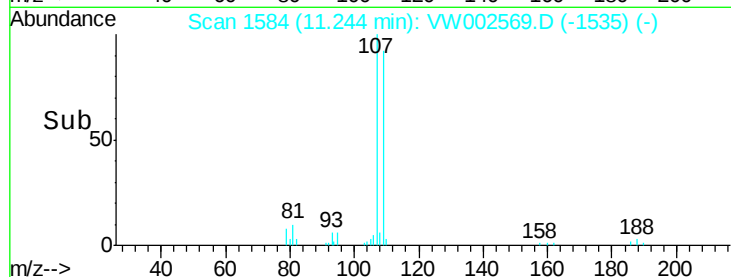
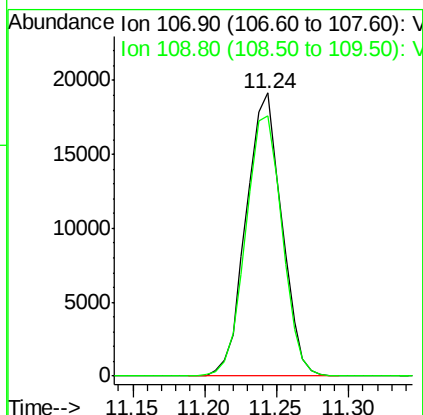
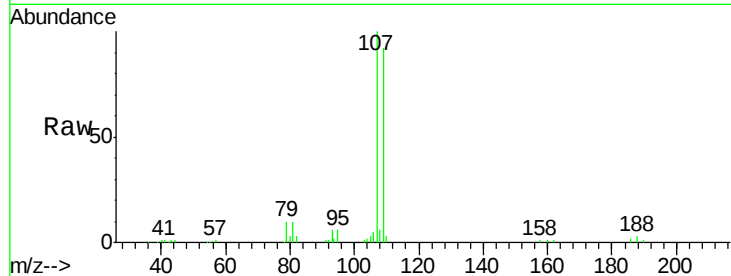




#61
 1,2-Dibromoethane
 Concen: 20.99 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

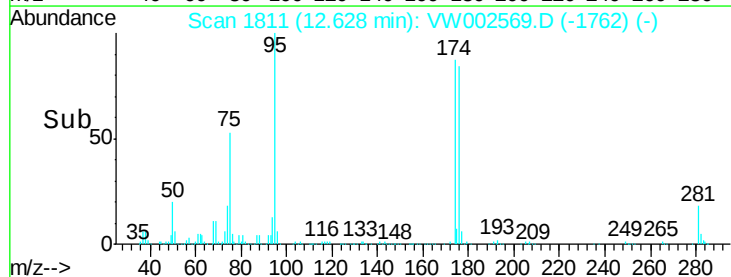
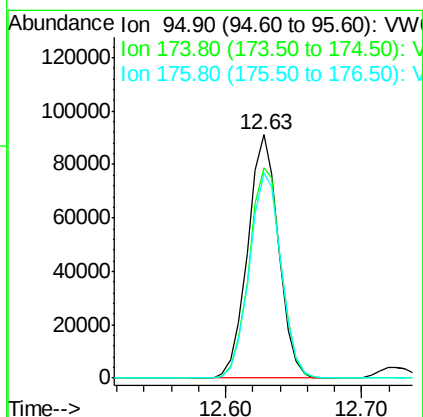
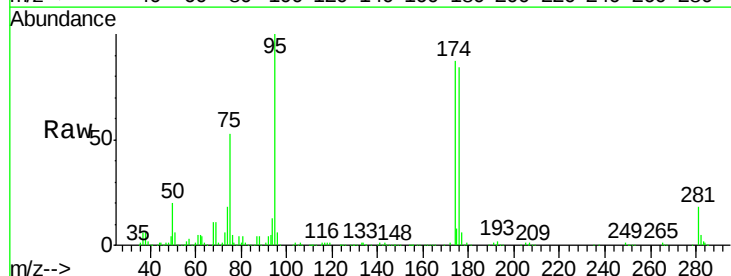
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

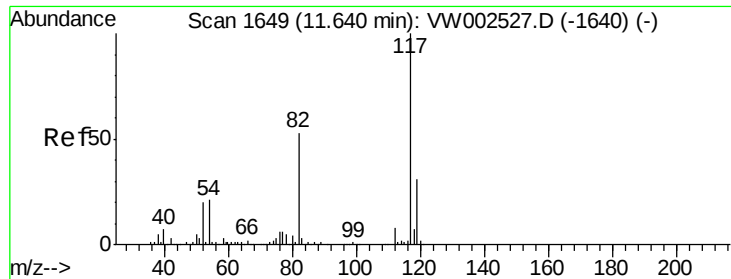
Tgt Ion: 107 Resp: 32748
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.41 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion: 95 Resp: 144476
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 176.6
 176 86.8 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

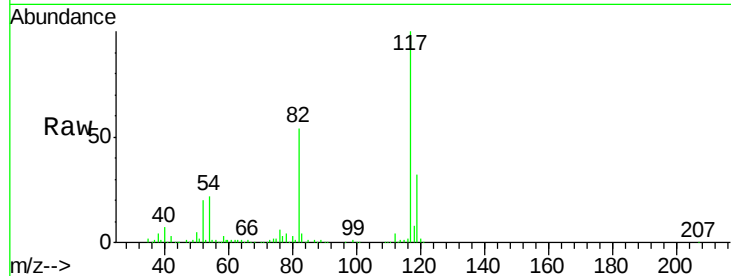
Tgt Ion:117 Resp: 291234

Ion Ratio Lower Upper

117 100

82 54.0 42.6 64.0

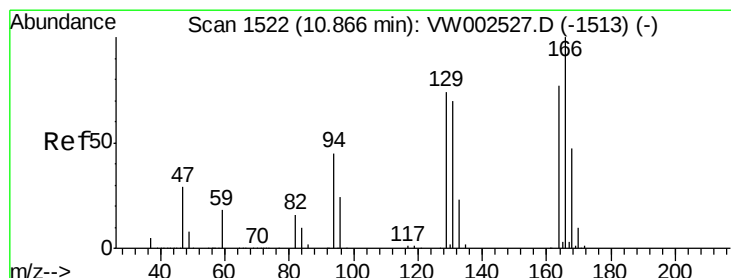
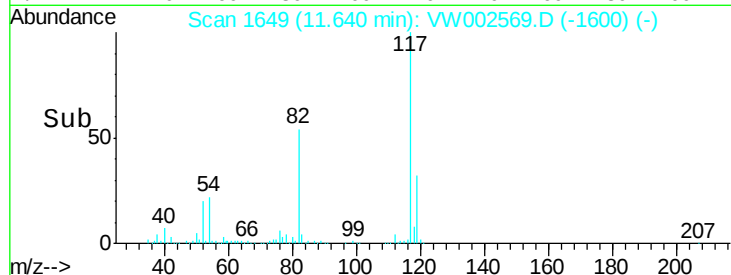
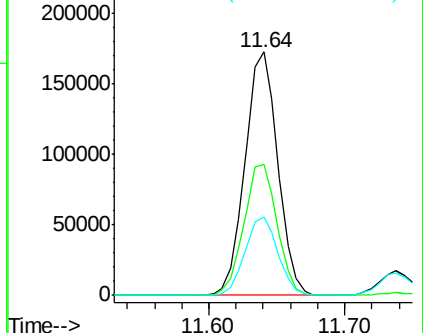
119 32.5 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 24.55 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:164 Resp: 50399

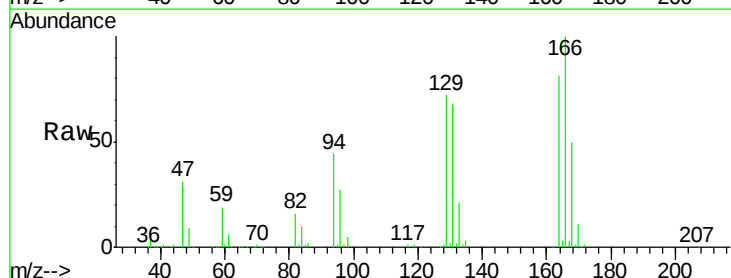
Ion Ratio Lower Upper

164 100

166 123.5 104.2 156.2

129 88.9 77.0 115.4

131 84.4 73.1 109.7

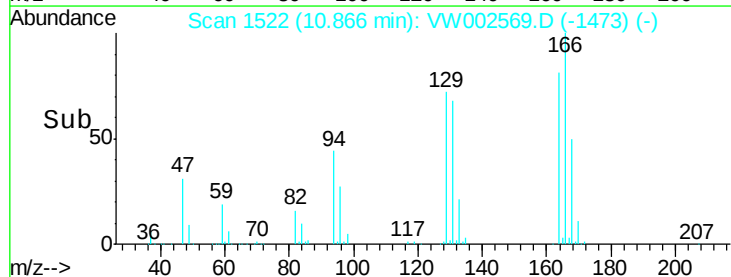
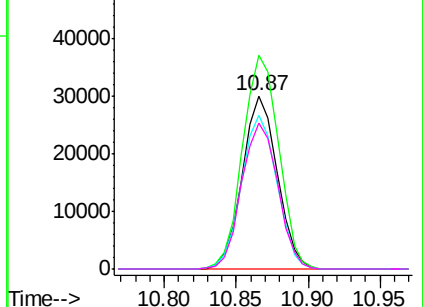


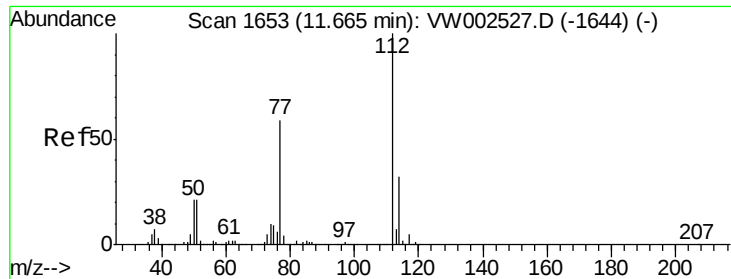
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.75 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

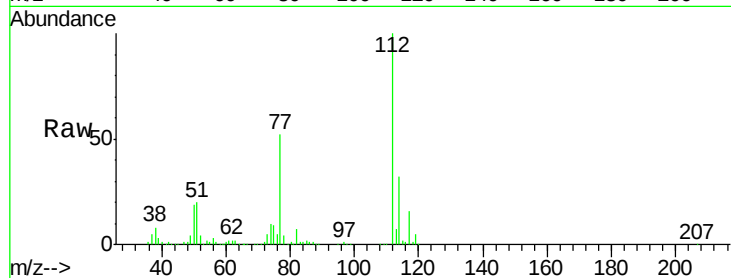
VW0515SBSD03

Tgt Ion:112 Resp: 120355

Ion Ratio Lower Upper

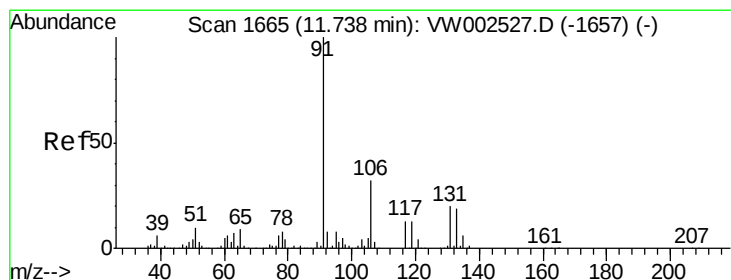
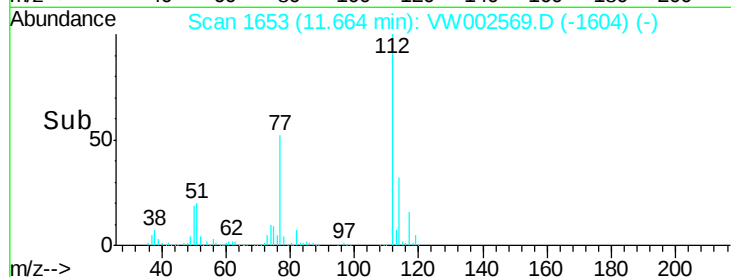
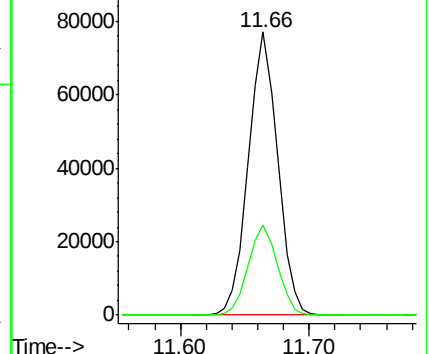
112 100

114 31.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.68 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

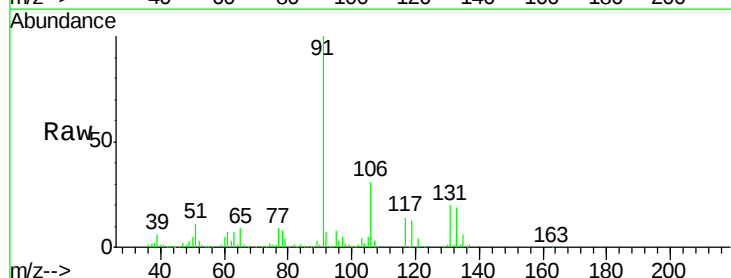
Tgt Ion:131 Resp: 42941

Ion Ratio Lower Upper

131 100

133 92.7 48.4 145.3

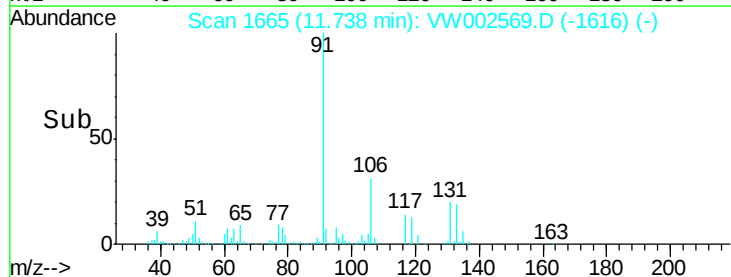
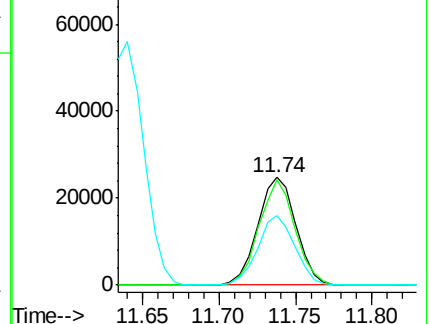
119 63.3 32.2 96.6

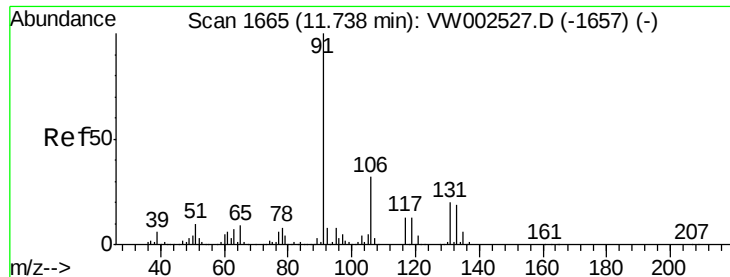


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.05 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

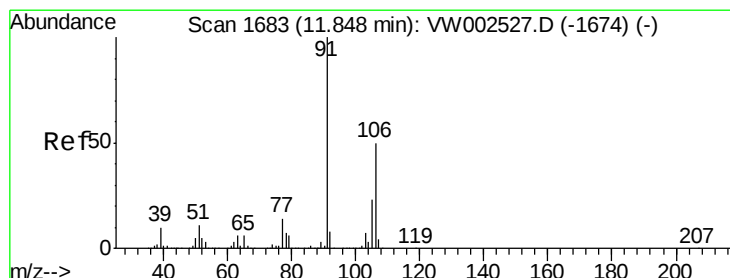
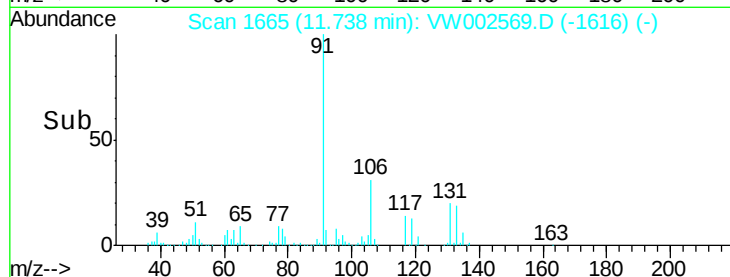
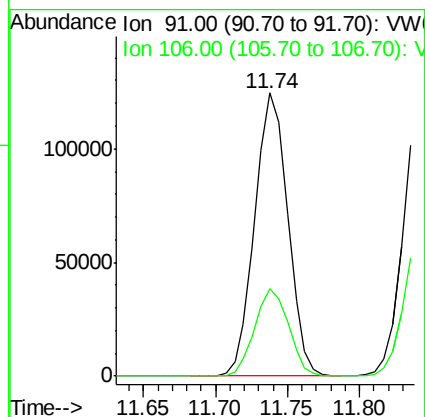
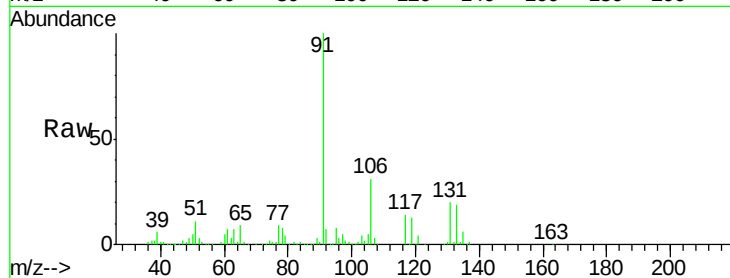
VW0515SBSD03

Tgt Ion: 91 Resp: 197652

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.0



#68

m/p-Xylenes

Concen: 40.26 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW002569.D

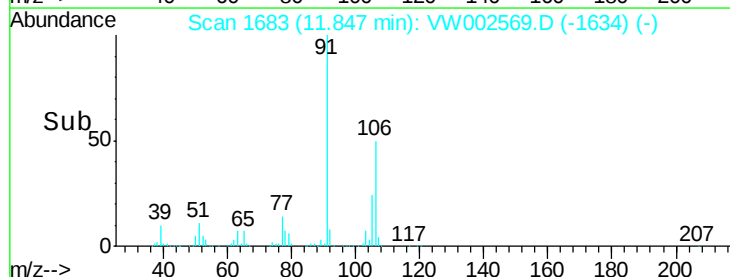
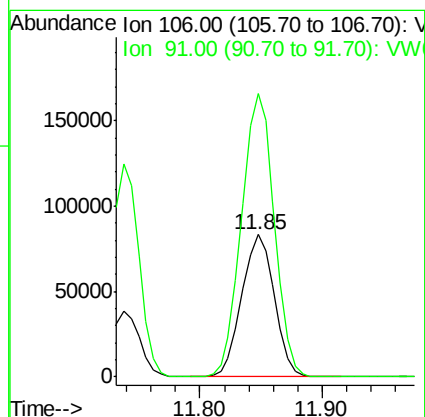
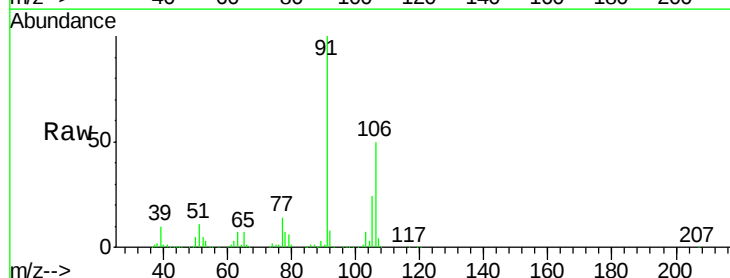
Acq: 16 May 2018 00:57

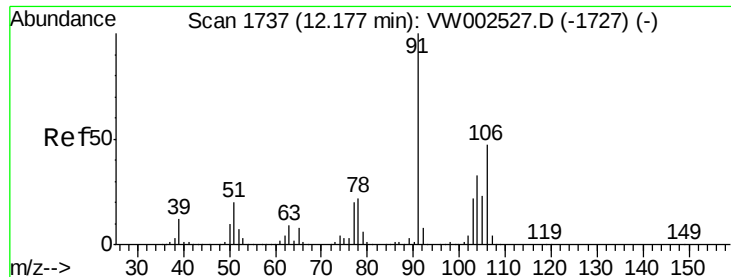
Tgt Ion: 106 Resp: 154302

Ion Ratio Lower Upper

106 100

91 200.2 161.4 242.2

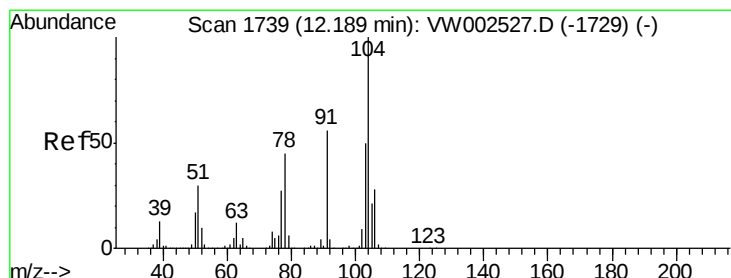
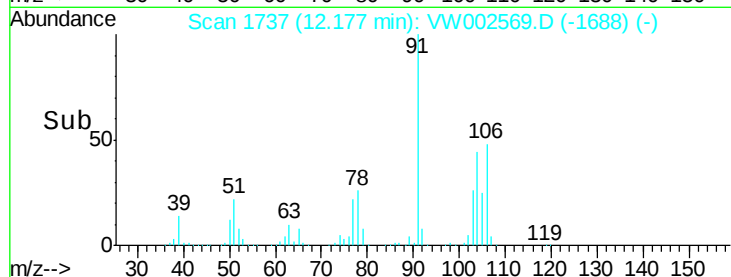
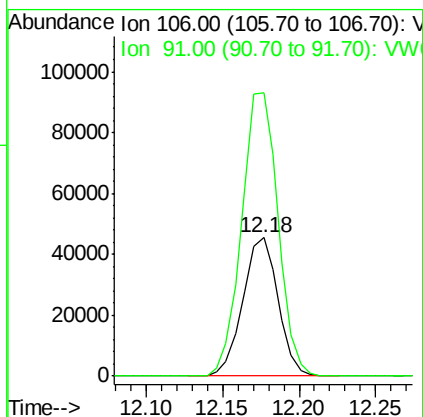
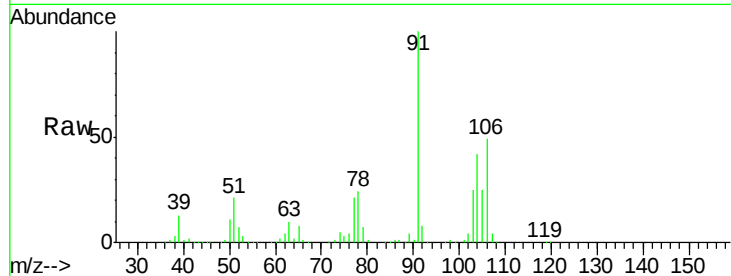




#69
o-Xylene
Concen: 20.08 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

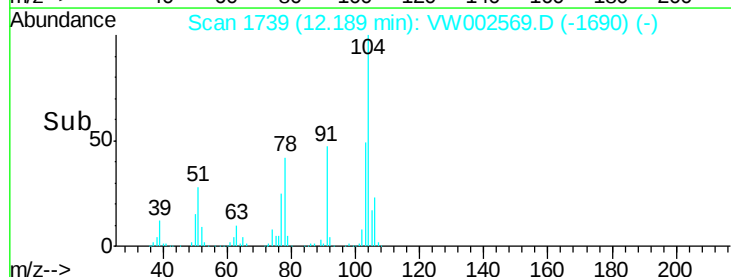
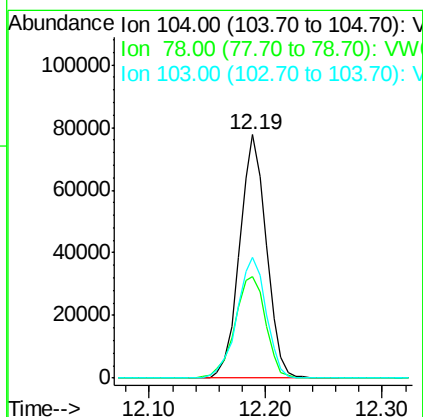
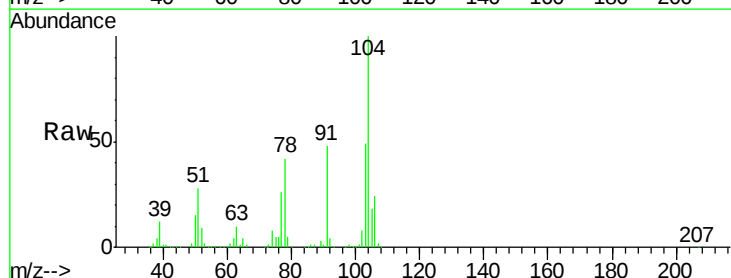
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

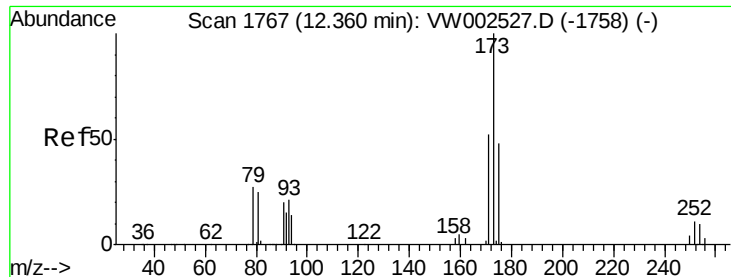
Tgt Ion:106 Resp: 73136
Ion Ratio Lower Upper
106 100
91 210.0 106.7 320.2



#70
Styrene
Concen: 20.53 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion:104 Resp: 124406
Ion Ratio Lower Upper
104 100
78 48.2 40.1 60.1
103 54.0 44.6 66.8

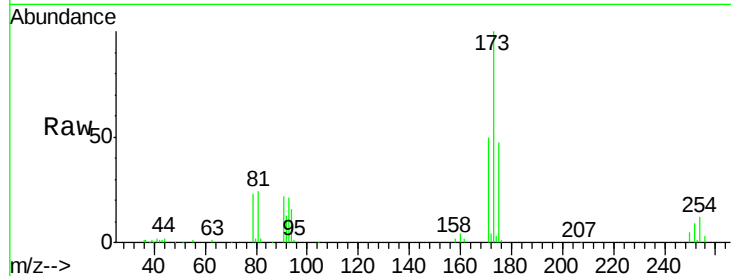




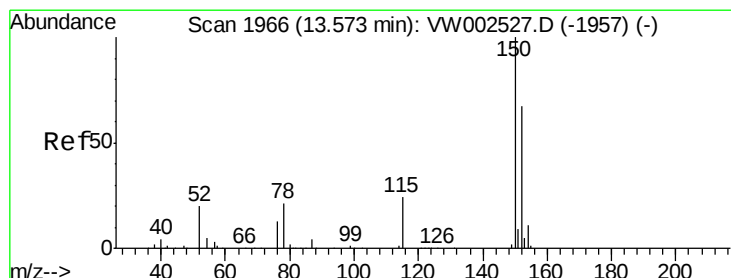
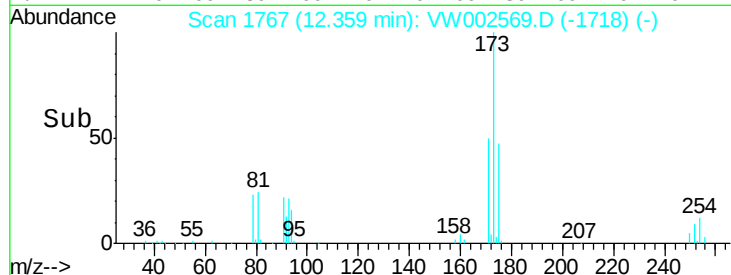
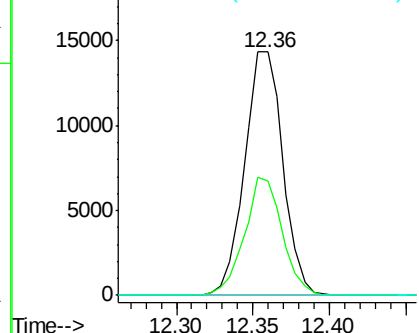
#71
Bromoform
Concen: 20.39 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

Tgt Ion:173 Resp: 24877
Ion Ratio Lower Upper
173 100
175 47.7 24.5 73.5
254 0.0 0.1 0.1#

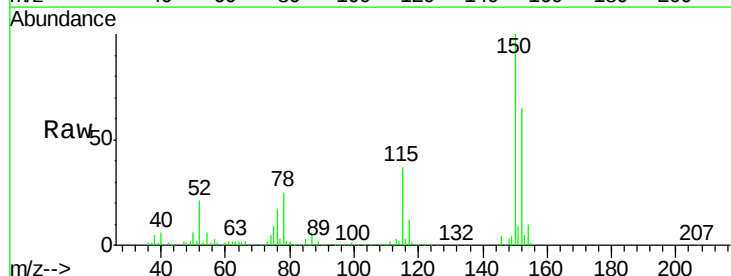


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

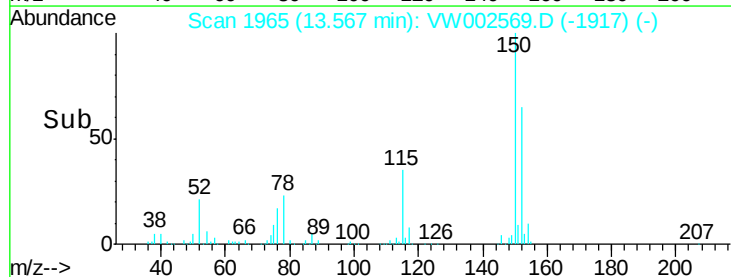
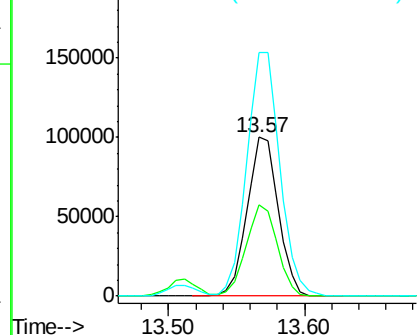


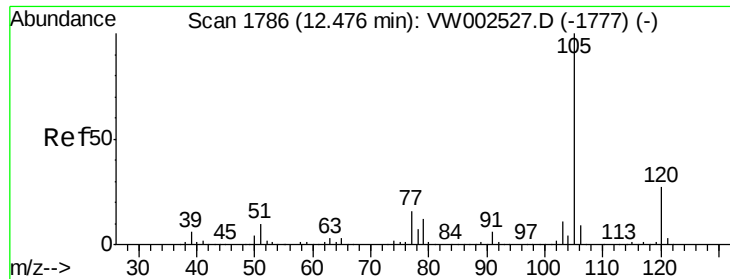
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion:152 Resp: 160986
Ion Ratio Lower Upper
152 100
115 57.0 28.0 84.0
150 162.7 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.74 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

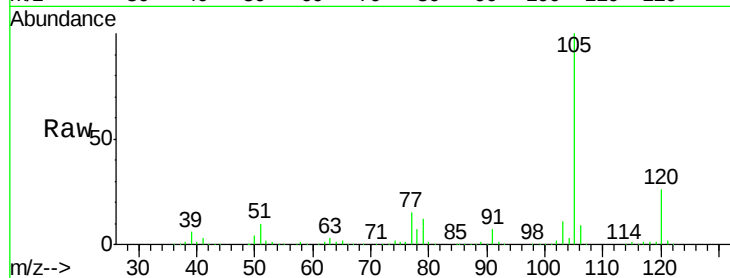
VW0515SBSD03

Tgt Ion: 105 Resp: 195888

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

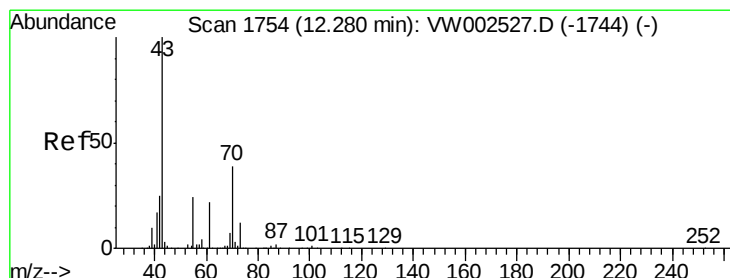
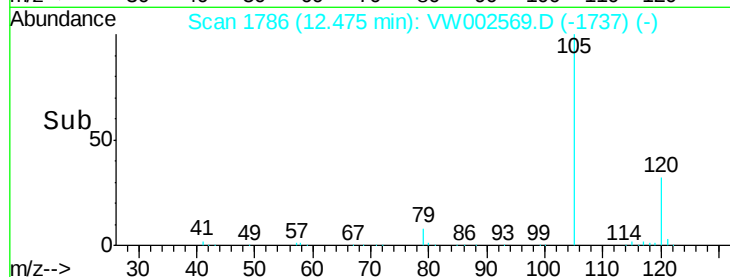
12.48

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.45 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion: 43 Resp: 51695

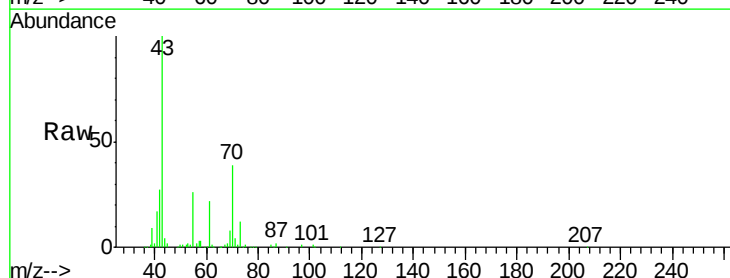
Ion Ratio Lower Upper

43 100

70 39.8 31.9 47.9

55 25.6 19.4 29.0

61 21.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.28

50000

40000

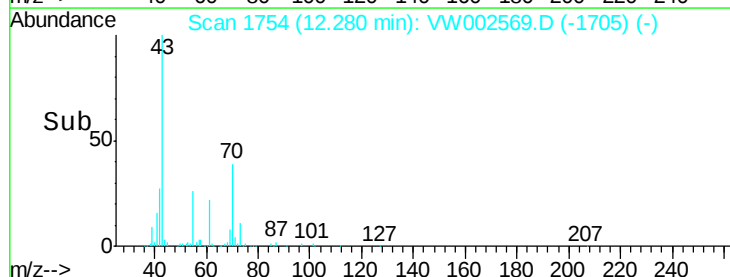
30000

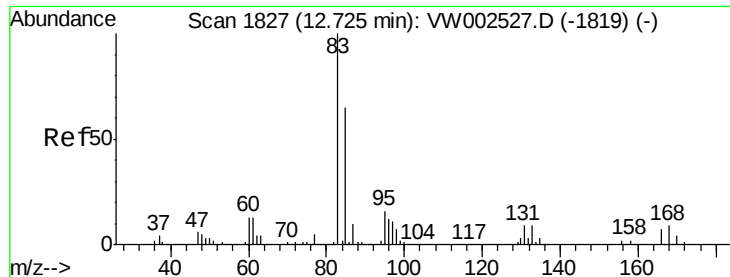
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.45 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

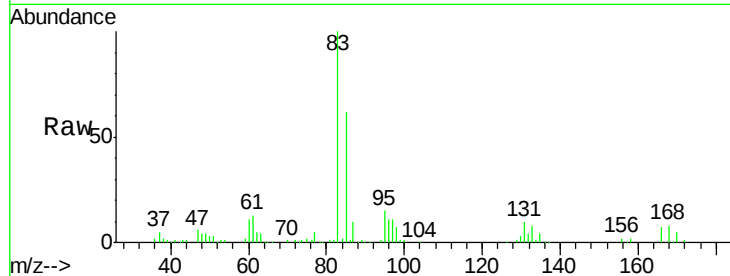
Tgt Ion: 83 Resp: 41125

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

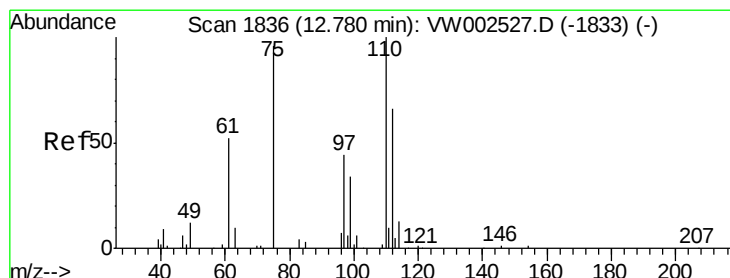
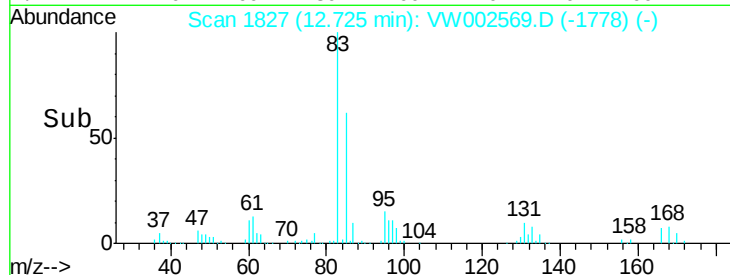
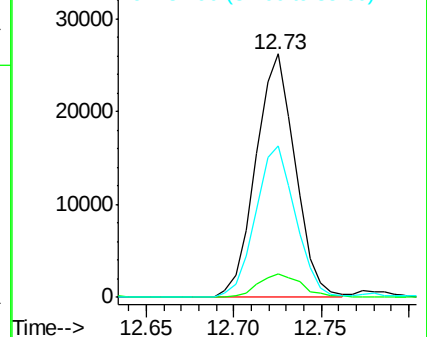
85 63.1 31.6 94.8



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: 33.81 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.01 min

Lab File: VW002569.D

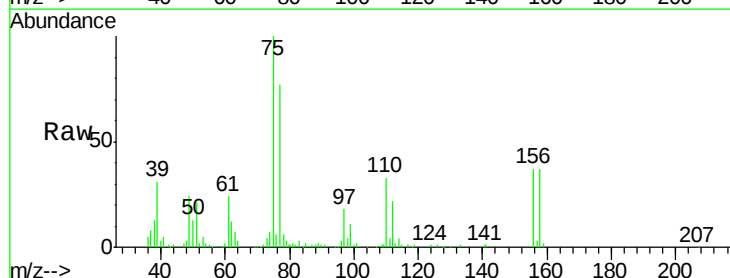
Acq: 16 May 2018 00:57

Tgt Ion: 75 Resp: 51445

Ion Ratio Lower Upper

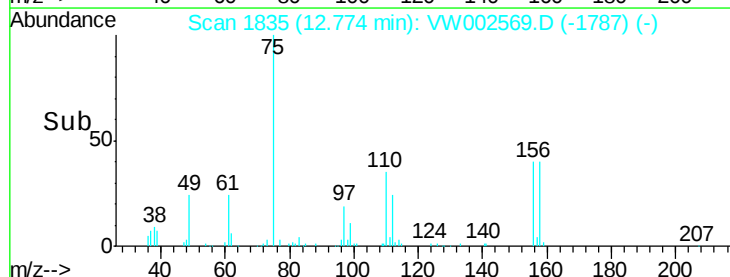
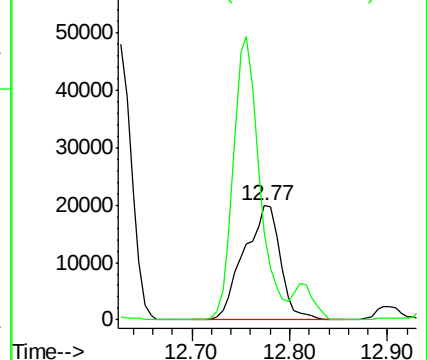
75 100

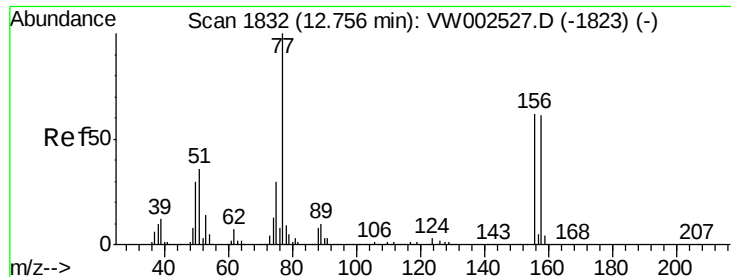
77 179.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.59 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

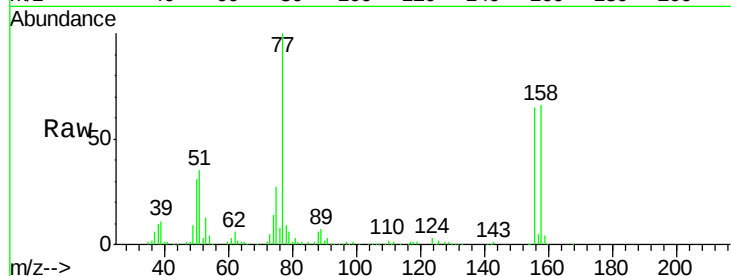
Tgt Ion:156 Resp: 52136

Ion Ratio Lower Upper

156 100

77 176.8 89.8 269.4

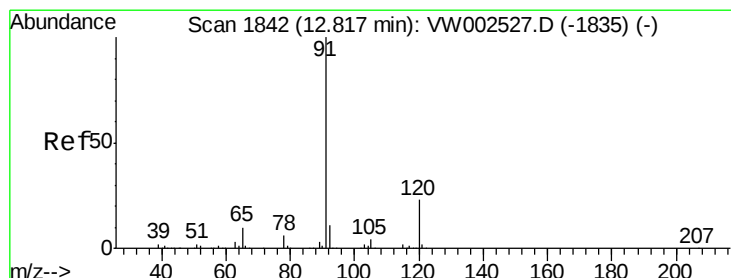
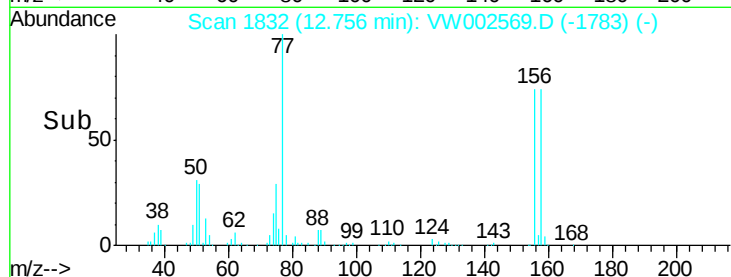
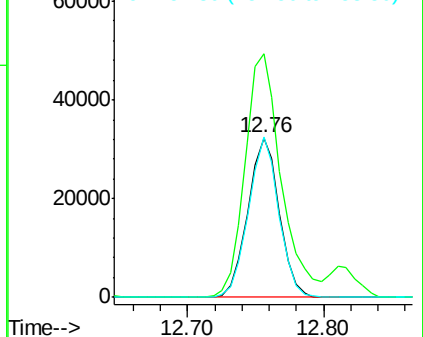
158 97.5 48.8 146.3



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: 19.86 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002569.D

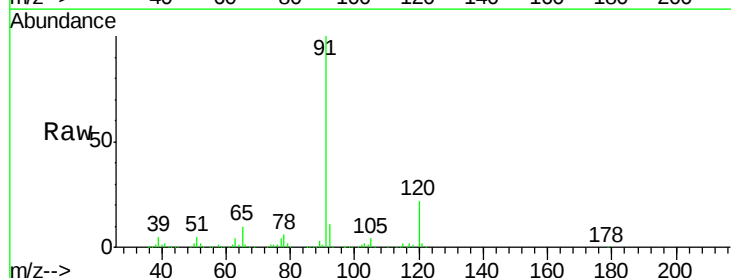
Acq: 16 May 2018 00:57

Tgt Ion: 91 Resp: 238030

Ion Ratio Lower Upper

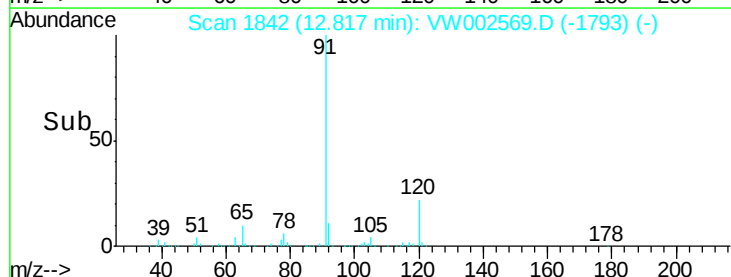
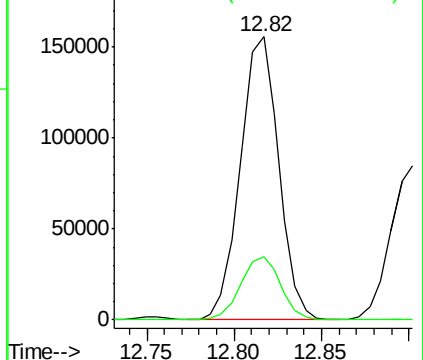
91 100

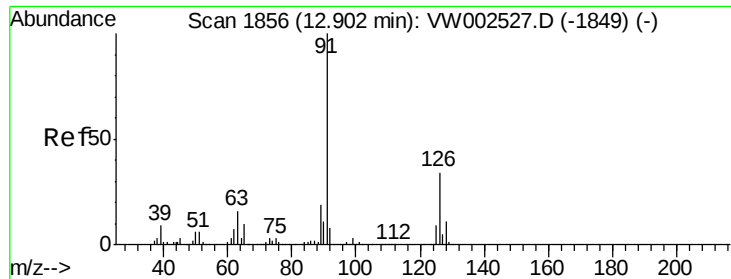
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.27 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

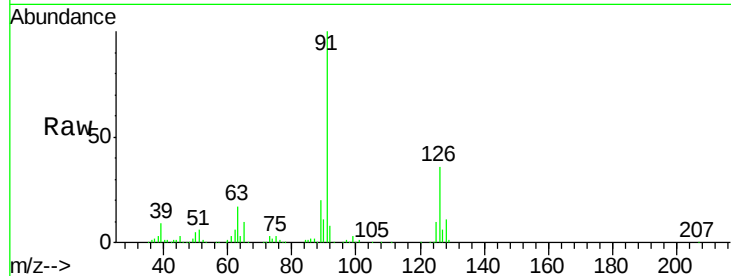
VW0515SBSD03

Tgt Ion: 91 Resp: 137985

Ion Ratio Lower Upper

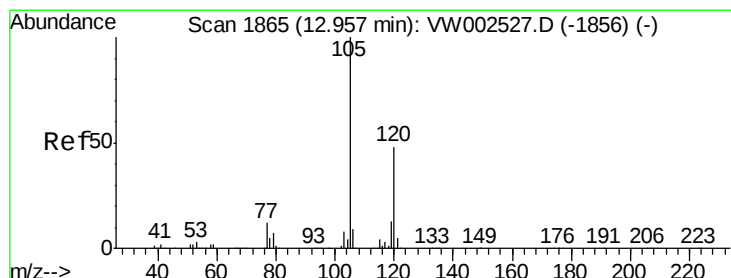
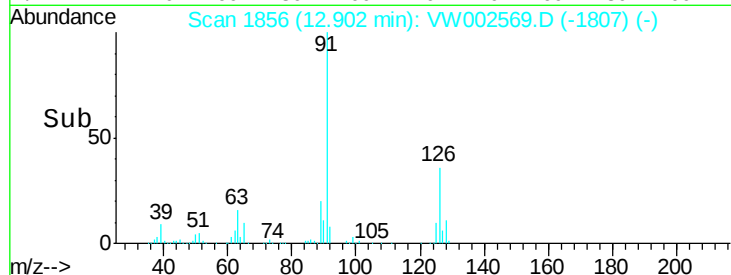
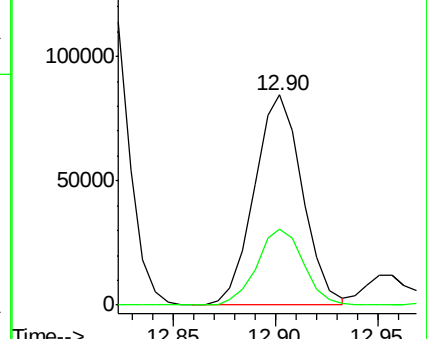
91 100

126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.01 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002569.D

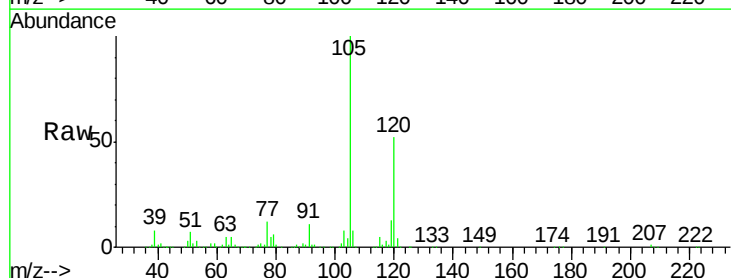
Acq: 16 May 2018 00:57

Tgt Ion: 105 Resp: 169443

Ion Ratio Lower Upper

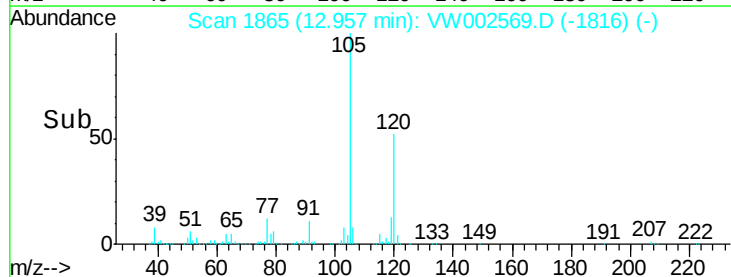
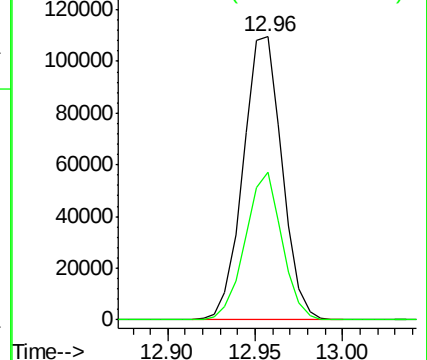
105 100

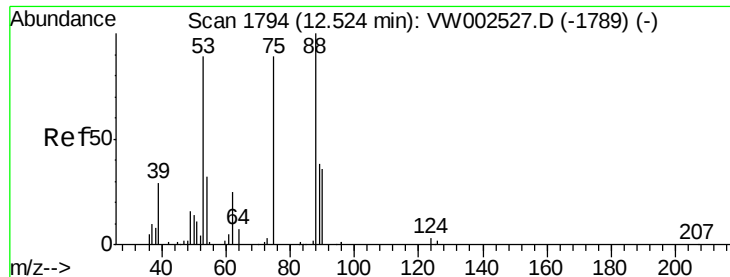
120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.10 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

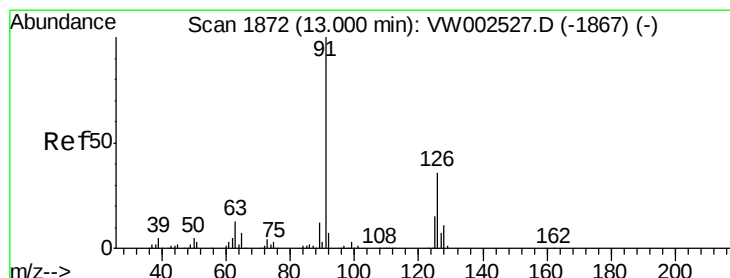
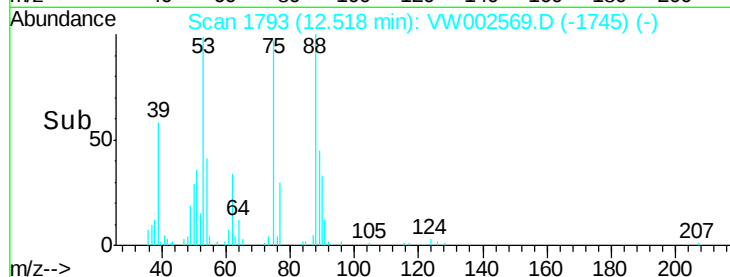
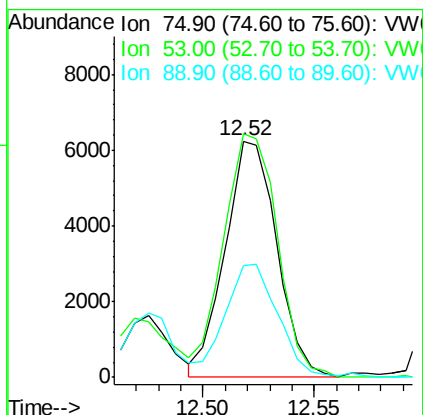
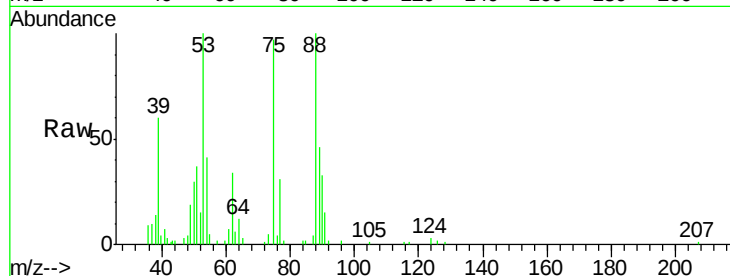
Tgt Ion: 75 Resp: 10100

Ion Ratio Lower Upper

75 100

53 107.5 82.6 124.0

89 49.7 39.2 58.8



#82

4-Chlorotoluene

Concen: 19.96 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002569.D

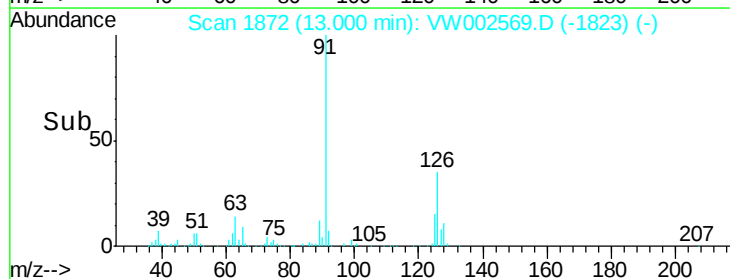
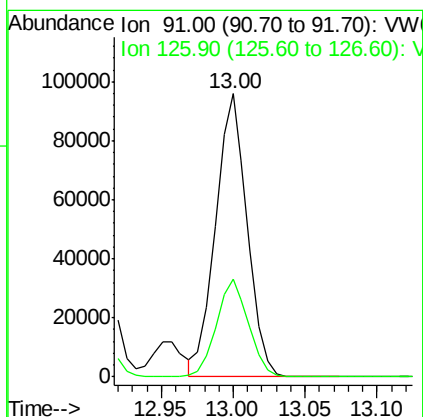
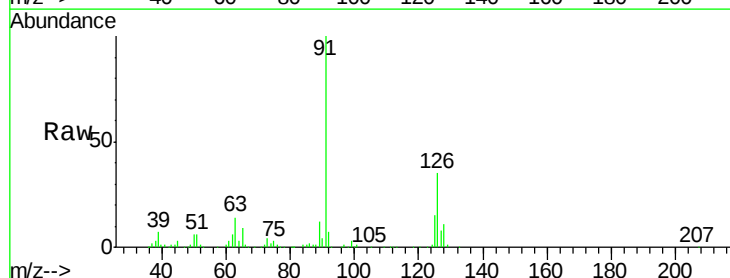
Acq: 16 May 2018 00:57

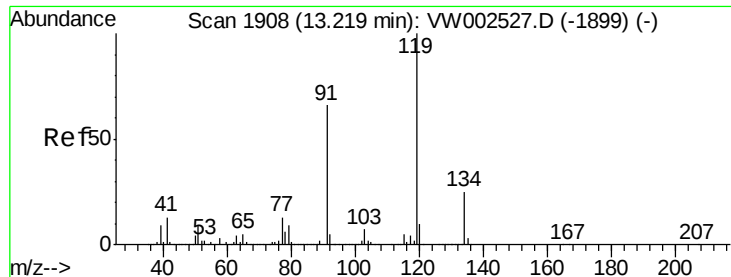
Tgt Ion: 91 Resp: 146908

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5

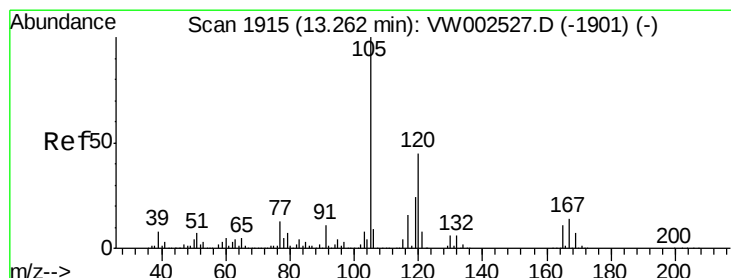
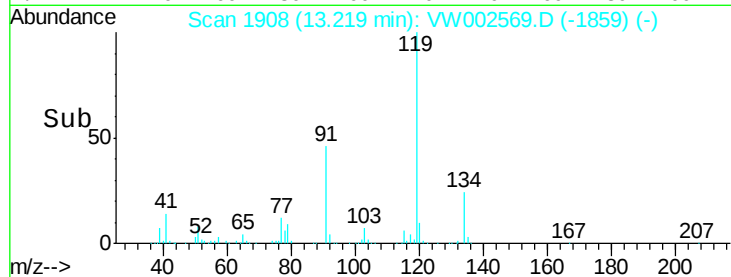
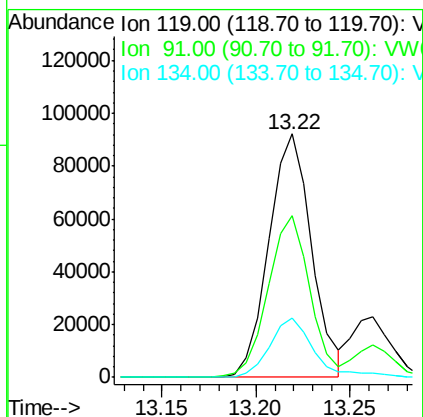
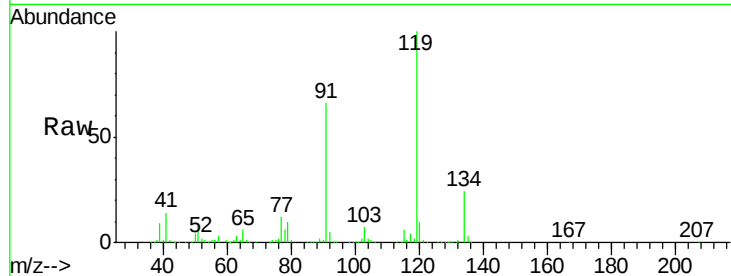




#83
 tert-Butylbenzene
 Concen: 19.77 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

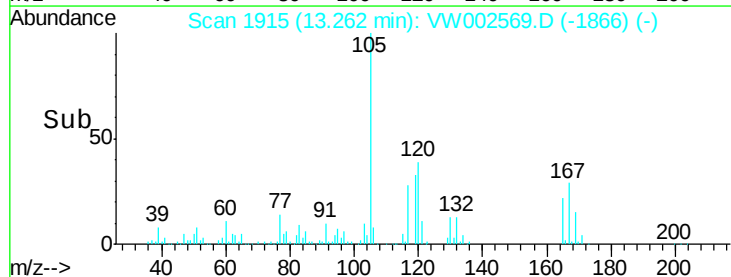
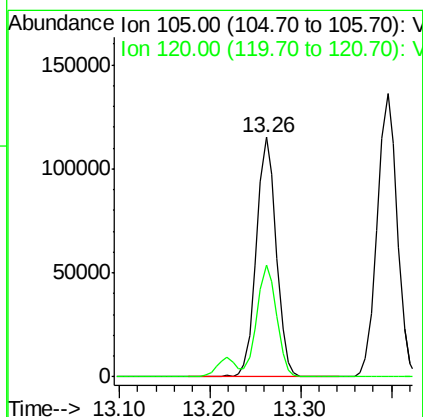
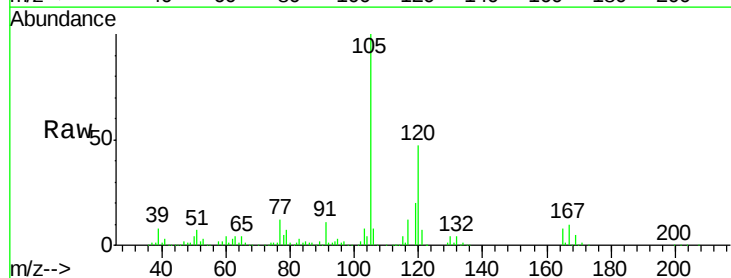
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

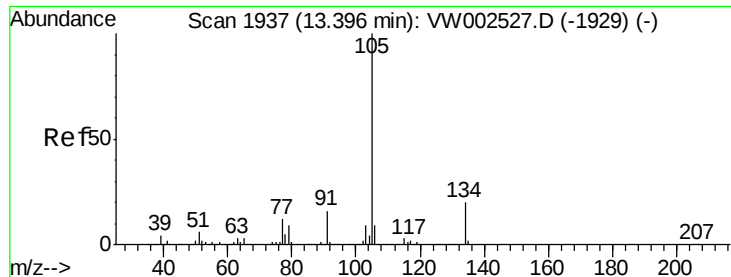
Tgt Ion:119 Resp: 144601
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.5 97.5
 134 25.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.98 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion:105 Resp: 175690
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.3 66.9

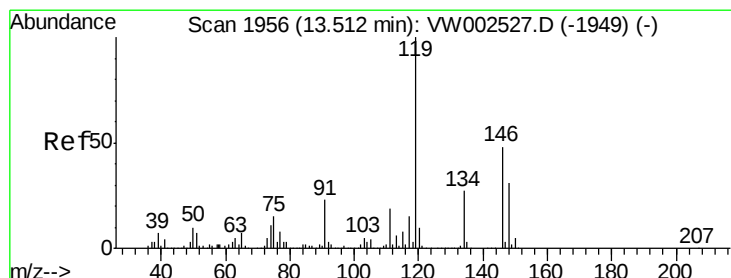
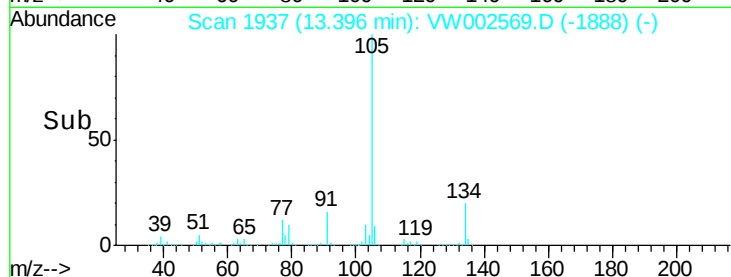
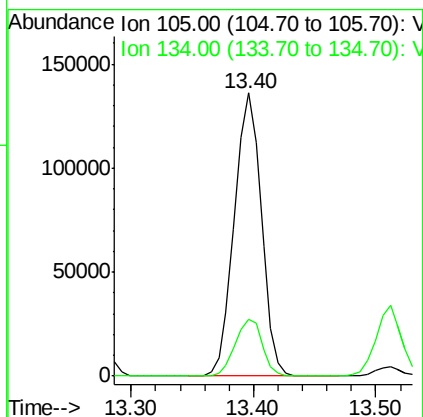
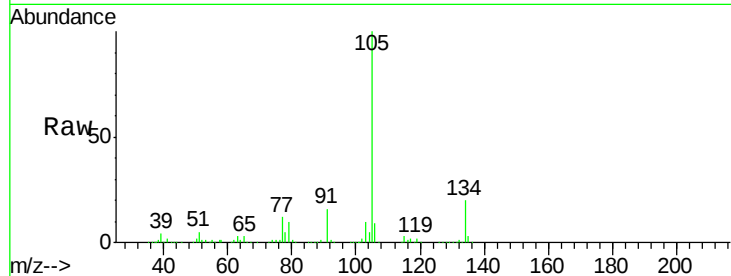




#85
 sec-Butylbenzene
 Concen: 19.80 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

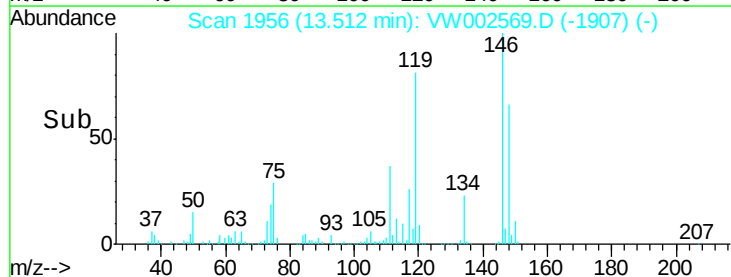
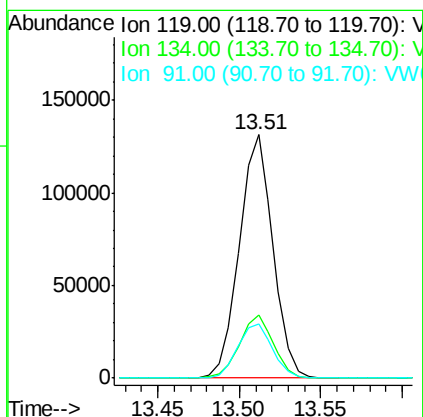
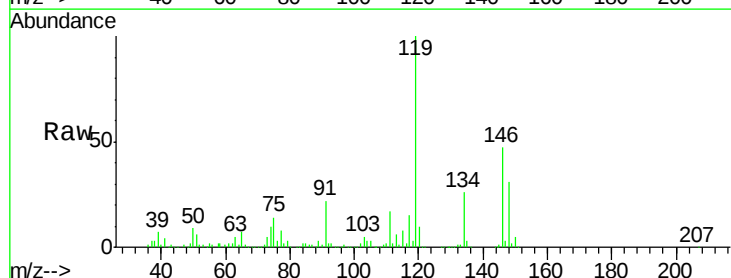
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

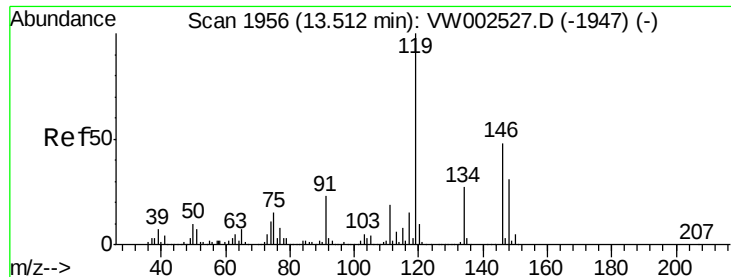
Tgt Ion:105 Resp: 208087
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.92 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion:119 Resp: 188237
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 23.3 11.6 34.8

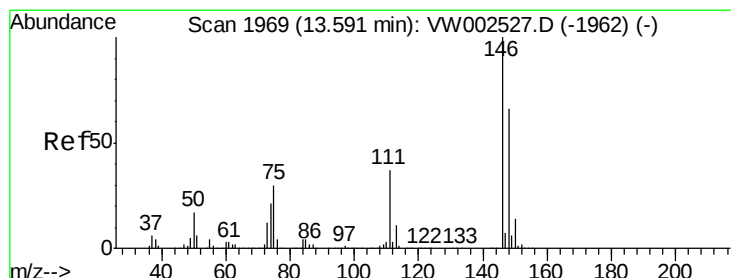
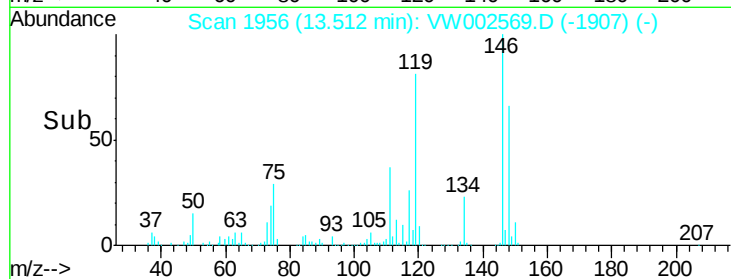
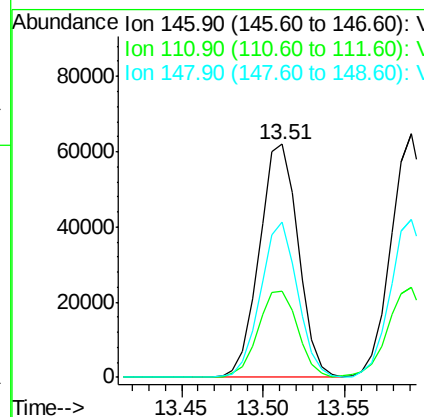
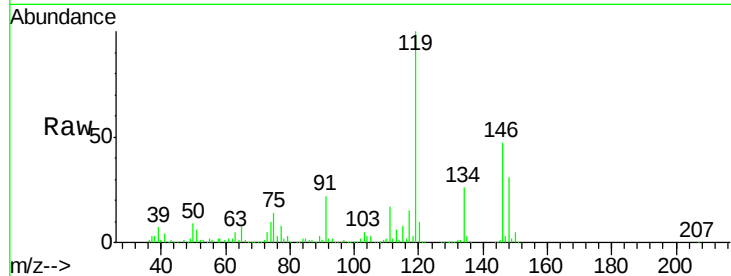




#87
 1,3-Dichlorobenzene
 Concen: 20.11 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

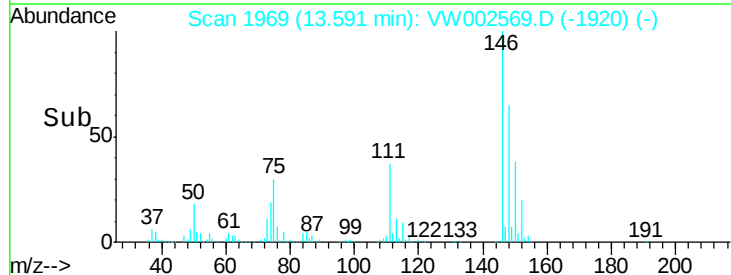
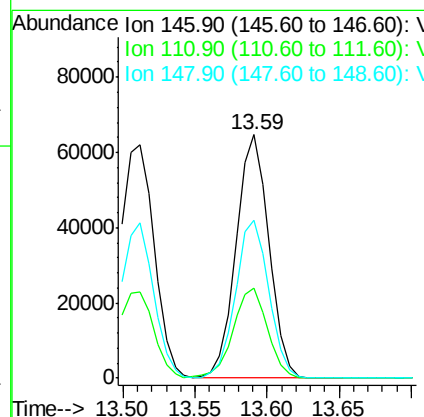
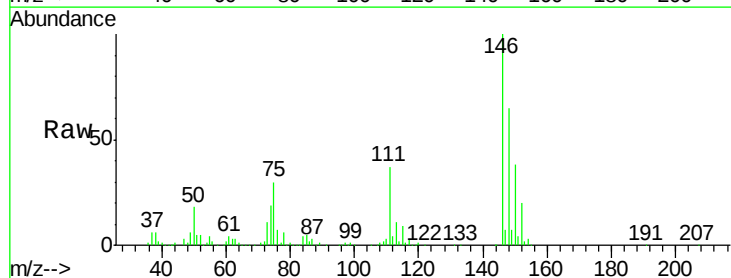
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

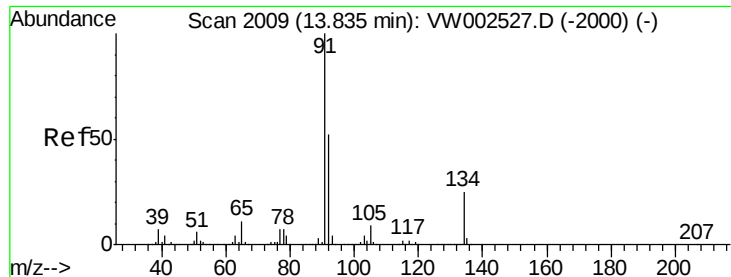
Tgt Ion:146 Resp: 103001
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.6 58.7
 148 63.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.18 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion:146 Resp: 102838
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.5
 148 65.8 32.4 97.0





#89

n-Butylbenzene

Concen: 19.55 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

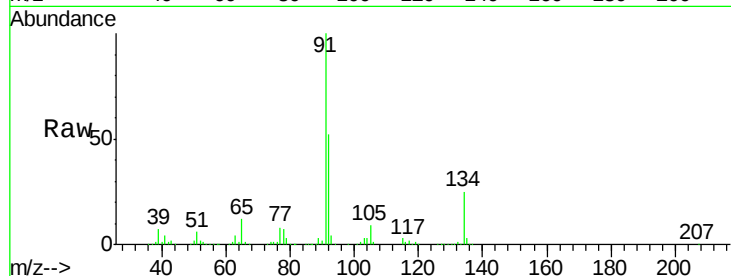
Tgt Ion: 91 Resp: 174761

Ion Ratio Lower Upper

91 100

92 51.3 26.1 78.2

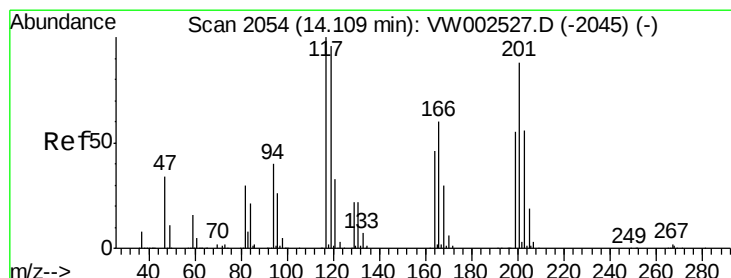
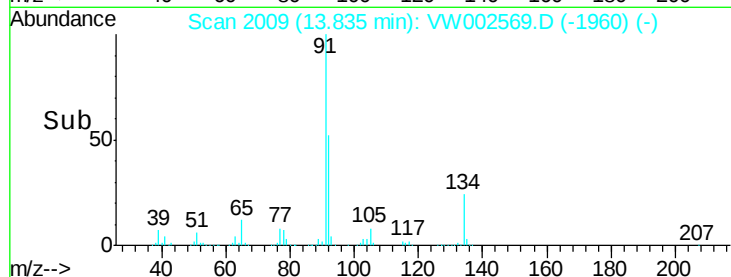
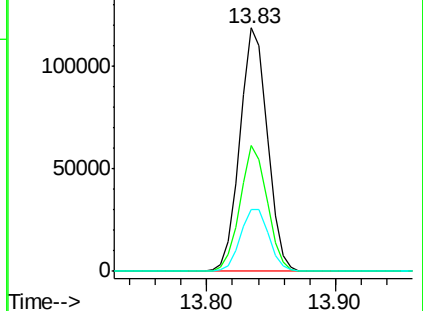
134 26.3 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.76 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.01 min

Lab File: VW002569.D

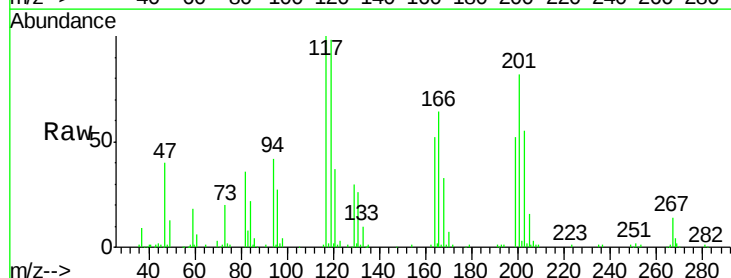
Acq: 16 May 2018 00:57

Tgt Ion: 117 Resp: 33440

Ion Ratio Lower Upper

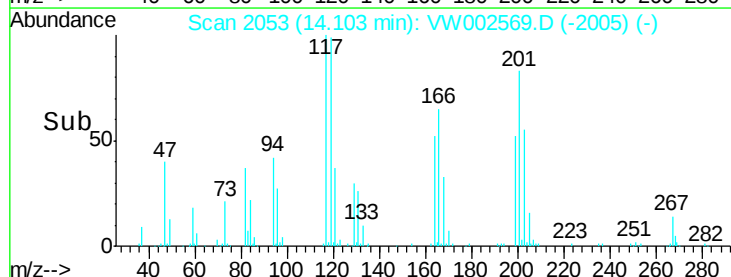
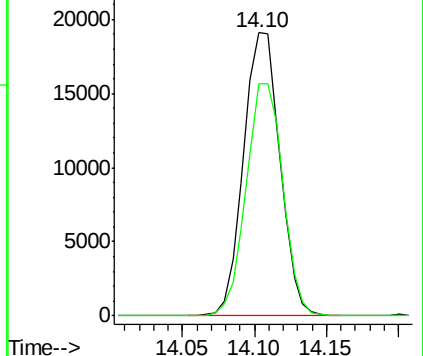
117 100

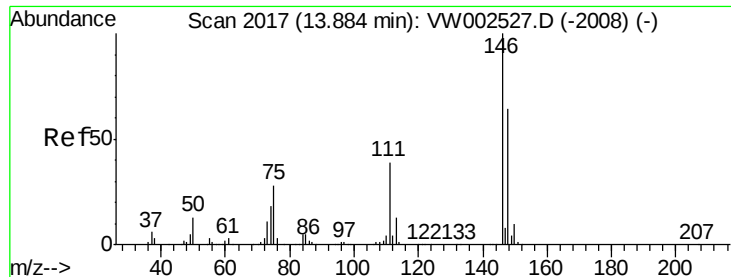
201 82.6 42.0 126.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.46 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

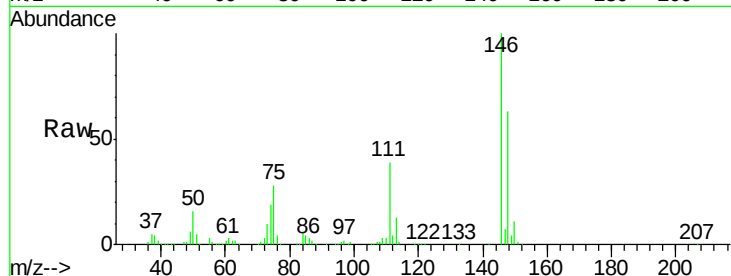
Tgt Ion:146 Resp: 95053

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.6

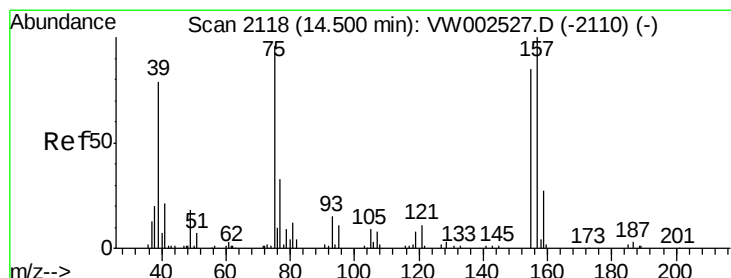
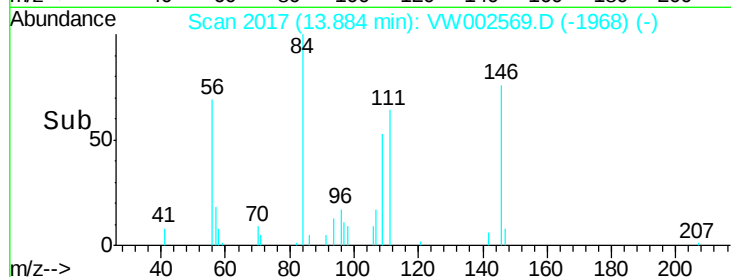
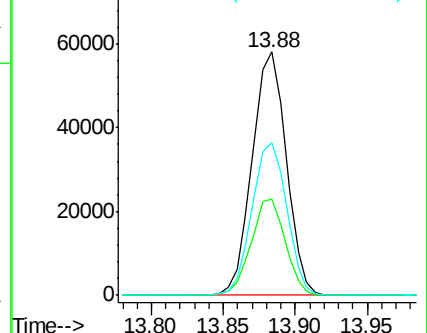
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.08 ug/l

RT: 14.50 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

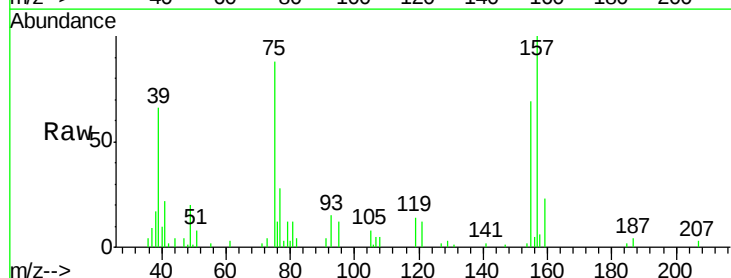
Tgt Ion: 75 Resp: 7123

Ion Ratio Lower Upper

75 100

155 90.5 42.8 128.4

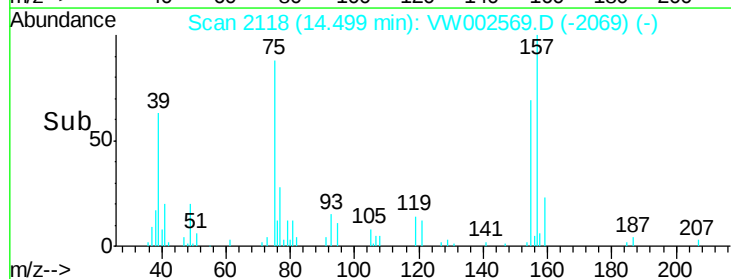
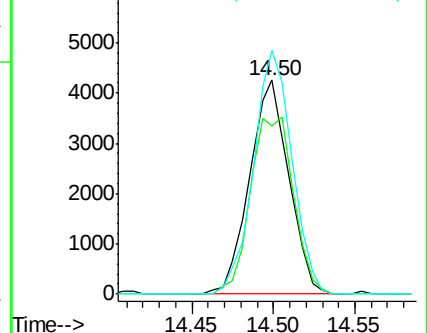
157 111.2 57.4 172.0

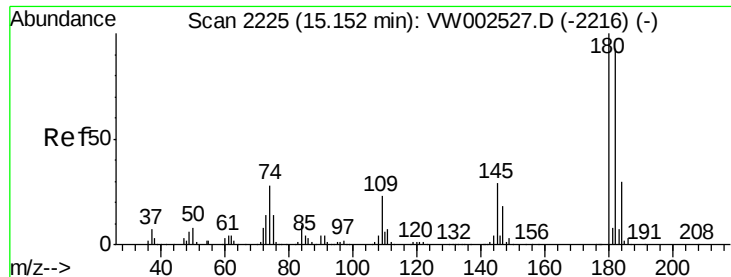


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

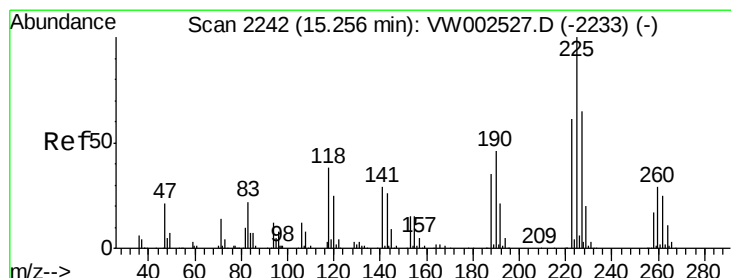
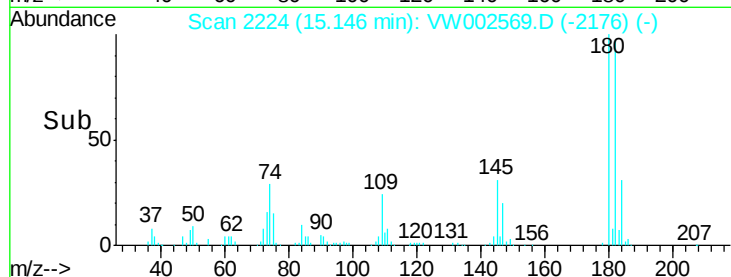
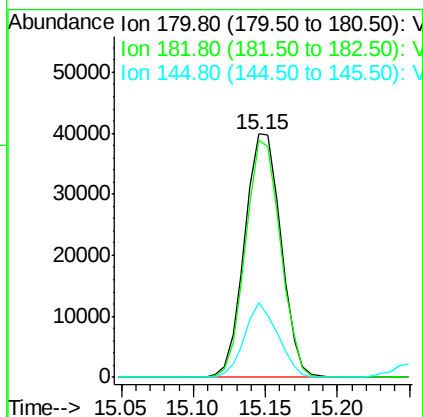
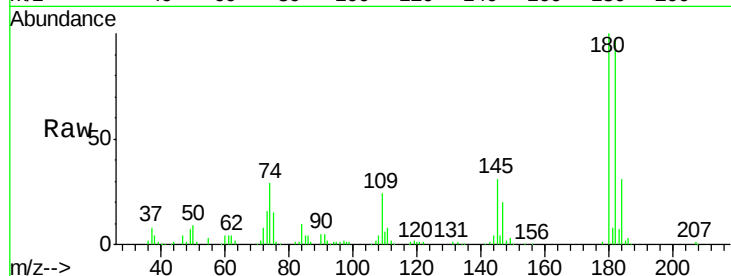




#93
 1,2,4-Trichlorobenzene
 Concen: 20.56 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

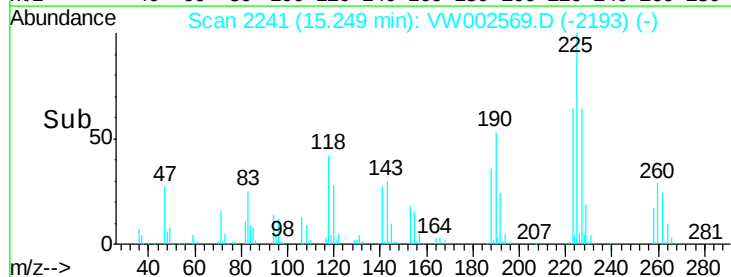
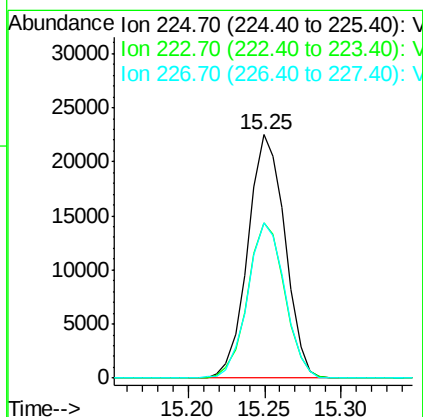
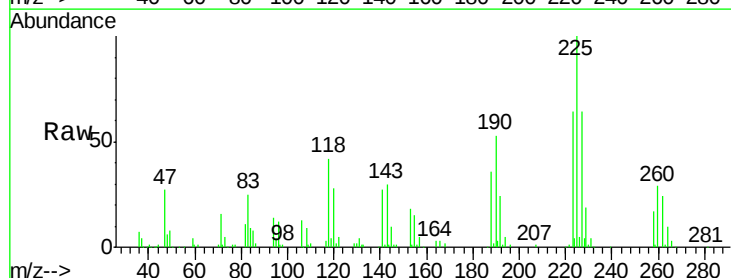
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

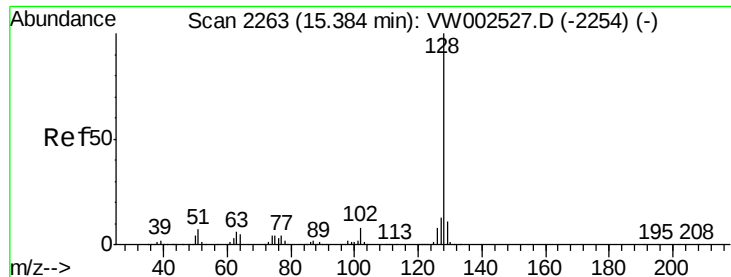
Tgt Ion:180 Resp: 69553
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.2 141.6
 145 28.3 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 20.20 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion:225 Resp: 38023
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.3 93.9
 227 63.4 31.9 95.5





#95

Naphthalene

Concen: 20.84 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

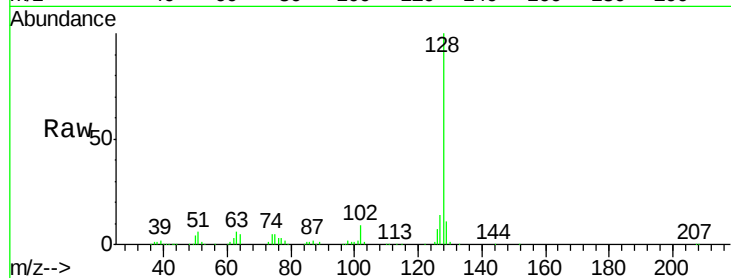
Tgt Ion:128 Resp: 128180

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

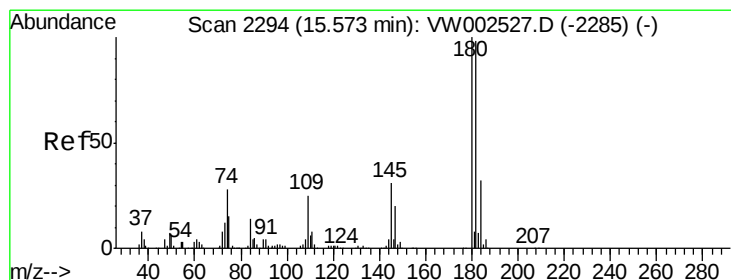
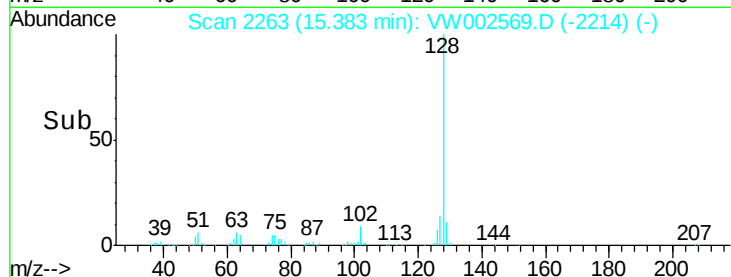
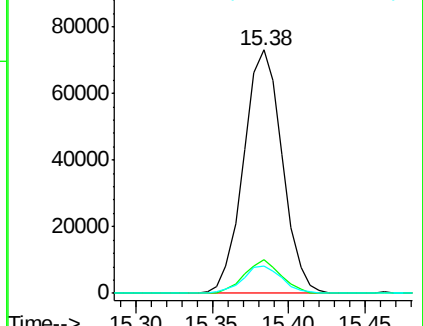
129 11.3 8.9 13.3



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: 20.74 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

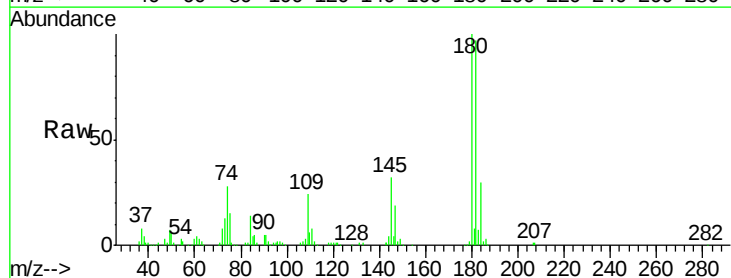
Tgt Ion:180 Resp: 62786

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 31.2 15.5 46.5



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

