

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006269.D
 Acq On : 23 Oct 2018 01:03
 Operator : VA/AP
 Sample : VW1022SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

Quant Time: Oct 23 05:33:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	346961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180144	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	105586	54.11	ug/l	0.00
Spiked Amount			Recovery	=	108.22%	
35) Dibromofluoromethane	7.88	113	108461	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	10.33	98	401607	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	153603	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	18127	15.562	ug/l	98
3) Chloromethane	2.21	50	27472	18.322	ug/l	99
4) Vinyl Chloride	2.37	62	40573	18.948	ug/l	100
5) Bromomethane	2.78	94	40643	20.869	ug/l	100
6) Chloroethane	2.92	64	32619	21.257	ug/l	99
7) Trichlorofluoromethane	3.26	101	35111	17.602	ug/l	99
8) Diethyl Ether	3.68	74	22149	20.893	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43675	20.893	ug/l	99
10) Methyl Iodide	4.26	142	76331	21.938	ug/l	100
11) Tert butyl alcohol	5.21	59	14676	111.823	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	41768	21.238	ug/l	95
13) Acrolein	3.90	56	12656	99.657	ug/l	90
14) Allyl chloride	4.67	41	58570	20.828	ug/l	99
15) Acrylonitrile	5.37	53	44039	115.820	ug/l	99
16) Acetone	4.14	43	40017	100.449	ug/l	97
17) Carbon Disulfide	4.37	76	106533	17.948	ug/l	100
18) Methyl Acetate	4.68	43	22711	23.126	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69330	23.145	ug/l	98
20) Methylene Chloride	4.91	84	55182	25.941	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49457	22.529	ug/l	99
22) Diisopropyl ether	6.32	45	128333	23.094	ug/l	97
23) Vinyl Acetate	6.26	43	356145	108.597	ug/l	100
24) 1,1-Dichloroethane	6.22	63	83353	23.246	ug/l	99
25) 2-Butanone	7.18	43	58753	111.448	ug/l	93
26) 2,2-Dichloropropane	7.17	77	50506	19.971	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	57041	23.546	ug/l	98
28) Bromochloromethane	7.51	49	26901	19.433	ug/l	95
29) Tetrahydrofuran	7.54	42	37711	116.375	ug/l	98
30) Chloroform	7.68	83	92810	23.757	ug/l	99
31) Cyclohexane	7.96	56	70833	19.836	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76646	21.749	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69529	21.741	ug/l	99
37) Ethyl Acetate	7.26	43	27028	22.747	ug/l	100
38) Carbon Tetrachloride	8.07	117	70198	20.023	ug/l	95

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Instrument :
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Quant Time: Oct 23 05:33:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84377	19.849	ug/l	99
40) Benzene	8.33	78	198932	22.677	ug/l	100
41) Methacrylonitrile	7.49	41	16554	23.111	ug/l	99
42) 1,2-Dichloroethane	8.40	62	59119	22.938	ug/l	100
43) Isopropyl Acetate	8.43	43	52515	21.616	ug/l	100
44) Trichloroethene	9.09	130	60261	22.391	ug/l	99
45) 1,2-Dichloropropane	9.37	63	47647	22.698	ug/l	100
46) Dibromomethane	9.46	93	27688	23.142	ug/l	99
47) Bromodichloromethane	9.65	83	62164	21.431	ug/l	99
48) Methyl methacrylate	9.44	41	24802	21.537	ug/l	95
49) 1,4-Dioxane	9.47	88	9203	499.658	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	133839	109.954	ug/l	98
52) Toluene	10.39	92	133131	22.637	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59587	20.618	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	70185	21.160	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38849	23.204	ug/l	98
56) Ethyl methacrylate	10.65	69	44594	21.726	ug/l	97
57) 1,3-Dichloropropane	10.93	76	64730	23.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	84207	107.367	ug/l	97
59) 2-Hexanone	10.98	43	91492	105.296	ug/l	99
60) Dibromochloromethane	11.13	129	43822	21.013	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38783	23.183	ug/l	100
64) Tetrachloroethene	10.87	164	55870	22.512	ug/l	99
65) Chlorobenzene	11.66	112	154862	22.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	53422	21.966	ug/l	100
67) Ethyl Benzene	11.74	91	264505	22.302	ug/l	99
68) m/p-Xylenes	11.84	106	208082	44.388	ug/l	100
69) o-Xylene	12.17	106	100070	22.399	ug/l	99
70) Styrene	12.19	104	162557	22.376	ug/l	99
71) Bromoform	12.35	173	27016	19.915	ug/l #	98
73) Isopropylbenzene	12.47	105	275654	21.660	ug/l	100
74) N-amyl acetate	12.28	43	50034	20.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44685	23.085	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55210	40.125	ug/l #	100
77) Bromobenzene	12.75	156	70045	22.471	ug/l	99
78) n-propylbenzene	12.81	91	322412	21.775	ug/l	100
79) 2-Chlorotoluene	12.90	91	185193	22.261	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	232905	21.708	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10247	17.802	ug/l	94
82) 4-Chlorotoluene	12.99	91	195004	22.377	ug/l	99
83) tert-Butylbenzene	13.21	119	207697	21.637	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	242024	22.293	ug/l	99
85) sec-Butylbenzene	13.39	105	293090	21.613	ug/l	100
86) p-Isopropyltoluene	13.51	119	262952	21.438	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	138847	22.381	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138443	22.413	ug/l	100
89) n-Butylbenzene	13.83	91	239415	21.343	ug/l	99
90) Hexachloroethane	14.10	117	41633	20.038	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	124982	22.586	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7111	20.519	ug/l	99

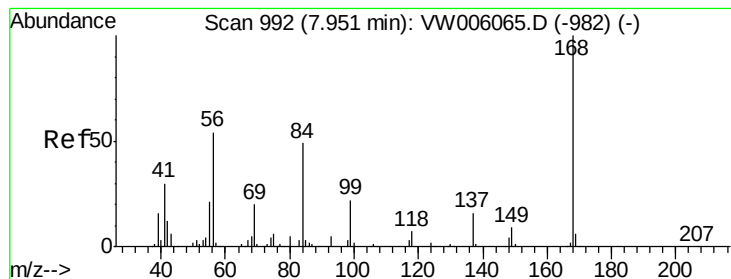
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	92917	21.823	ug/l	99
94) Hexachlorobutadiene	15.24	225	57433	21.472	ug/l	99
95) Naphthalene	15.38	128	156392	22.080	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	82977	22.531	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

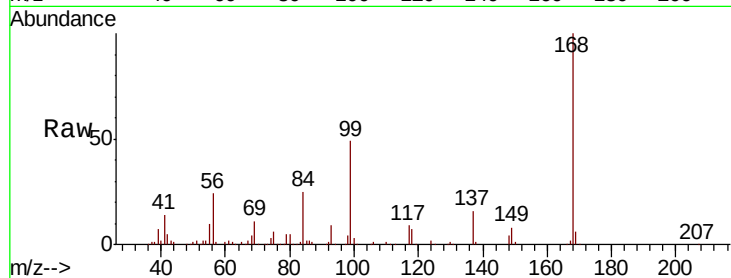
VW1022SBS02

Tot Ion:168 Resp: 235382

Ion Ratio Lower Upper

168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

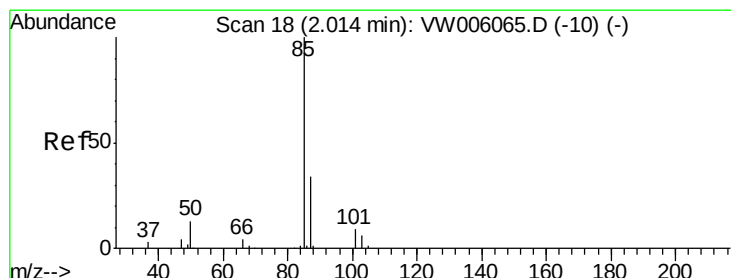
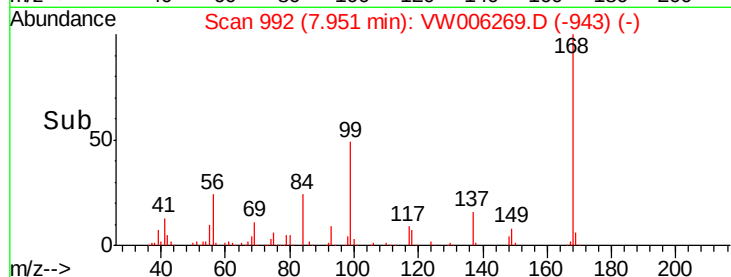
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 15.562 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006269.D

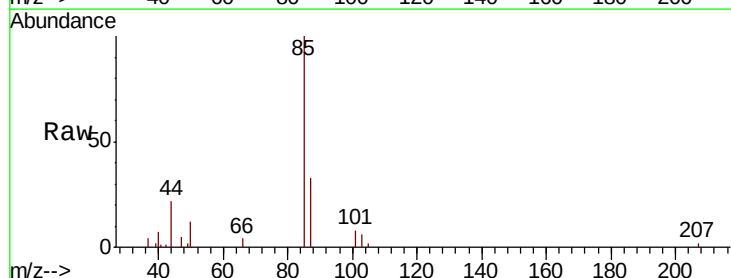
Acq: 23 Oct 2018 01:03

Tgt Ion: 85 Resp: 18127

Ion Ratio Lower Upper

85 100

87 32.6 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

2000

1000

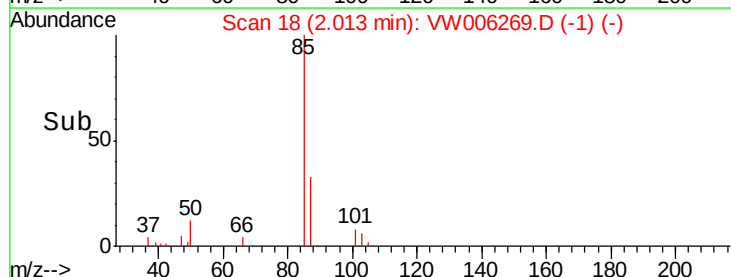
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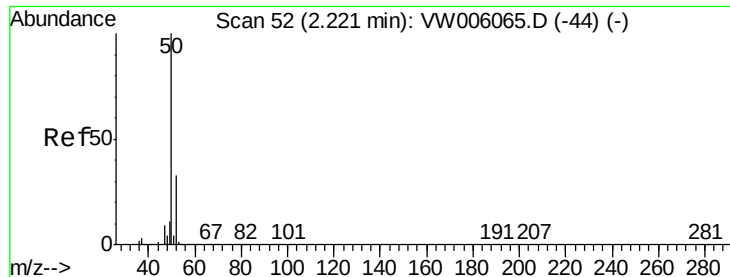
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 18.322 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

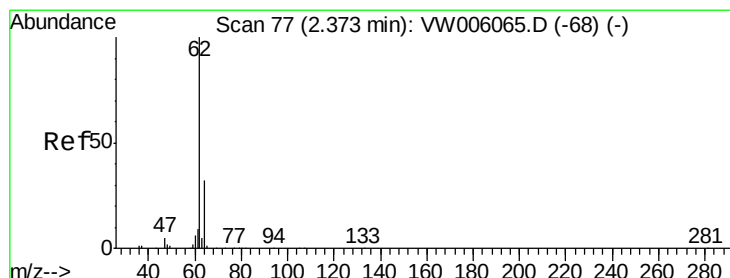
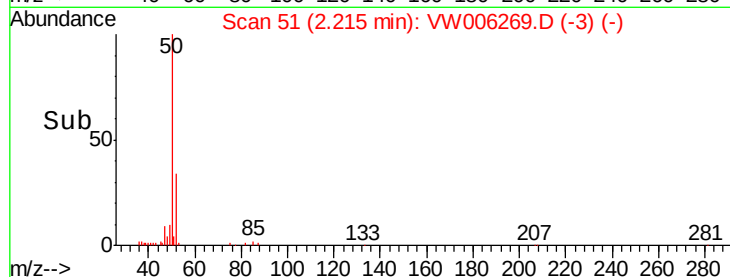
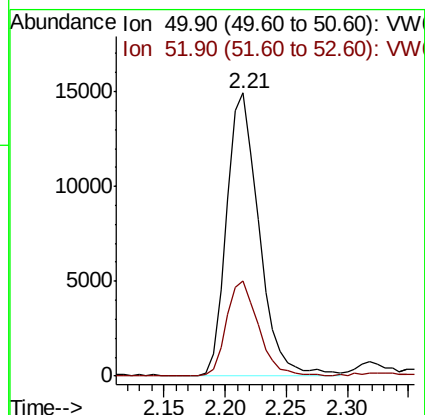
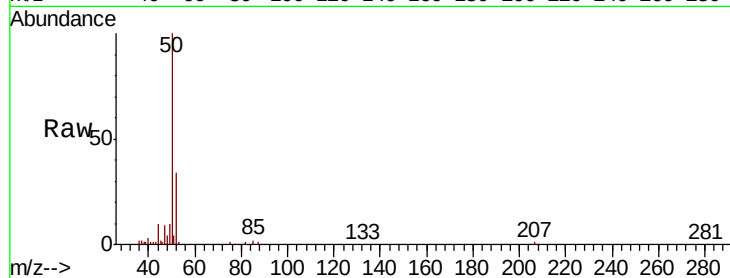
VW1022SBS02

Tot Ion: 50 Resp: 27472

Ion Ratio Lower Upper

50 100

52 33.8 26.8 40.2



#4

Vinyl Chloride

Concen: 18.948 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006269.D

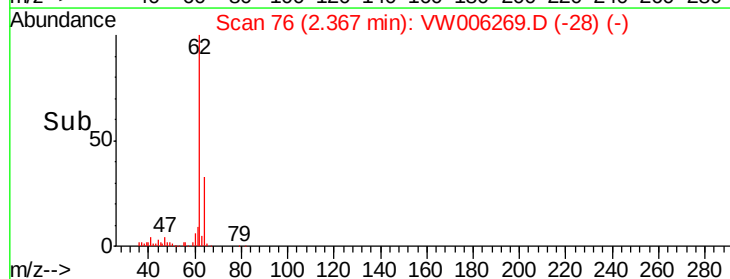
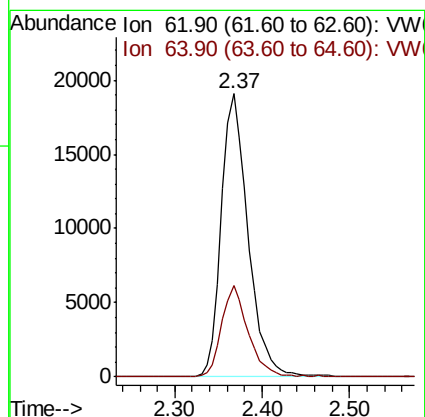
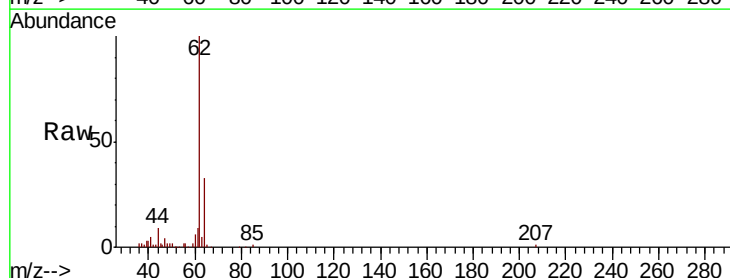
Acq: 23 Oct 2018 01:03

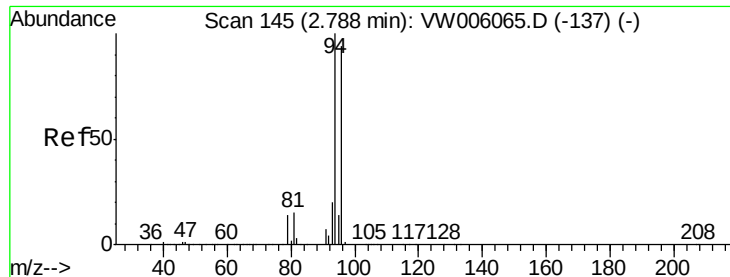
Tgt Ion: 62 Resp: 40573

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9





#5

Bromomethane

Concen: 20.869 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

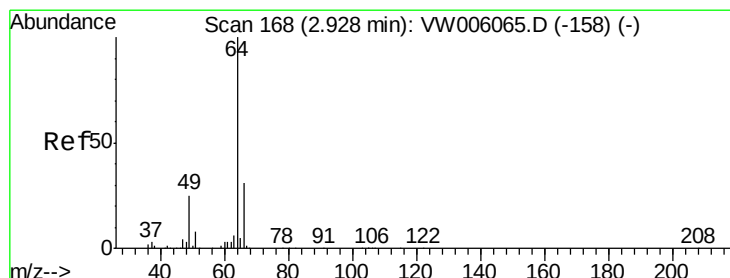
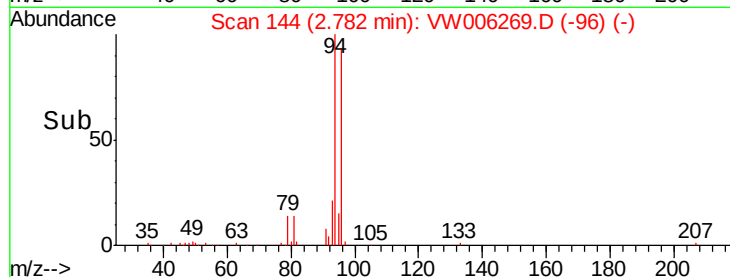
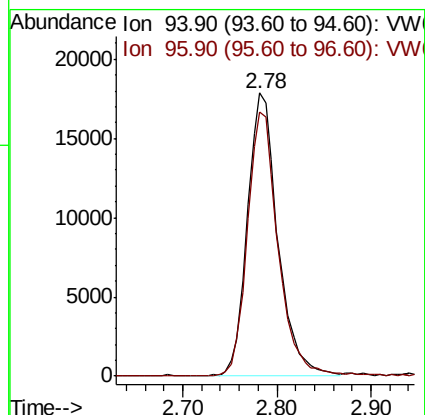
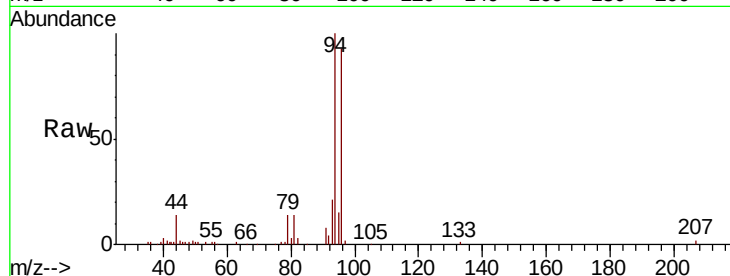
VW1022SBS02

Tot Ion: 94 Resp: 40643

Ion Ratio Lower Upper

94 100

96 93.1 74.9 112.3



#6

Chloroethane

Concen: 21.257 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006269.D

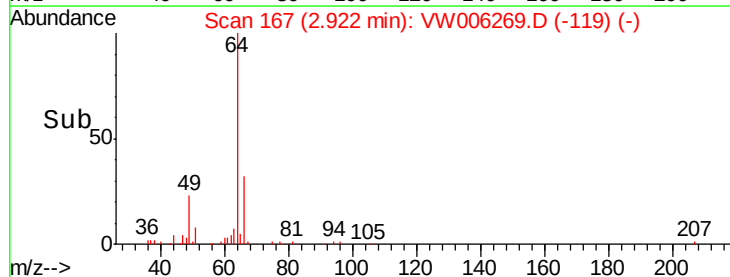
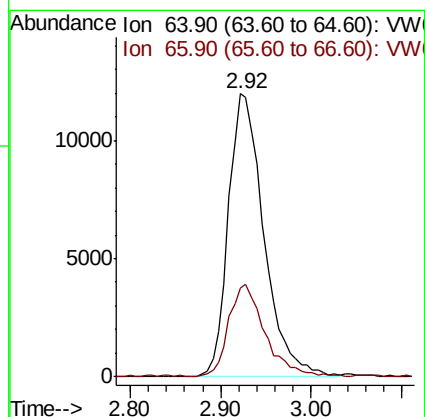
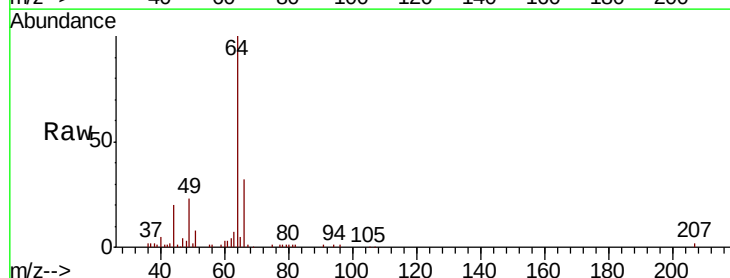
Acq: 23 Oct 2018 01:03

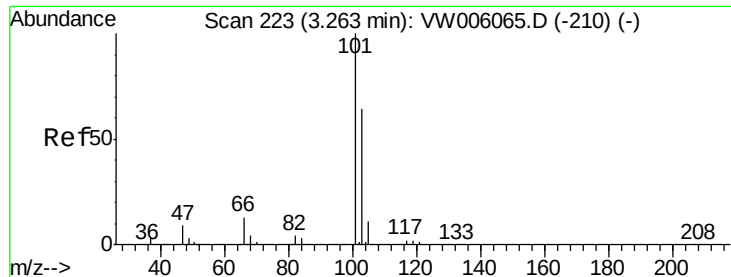
Tgt Ion: 64 Resp: 32619

Ion Ratio Lower Upper

64 100

66 31.6 24.9 37.3



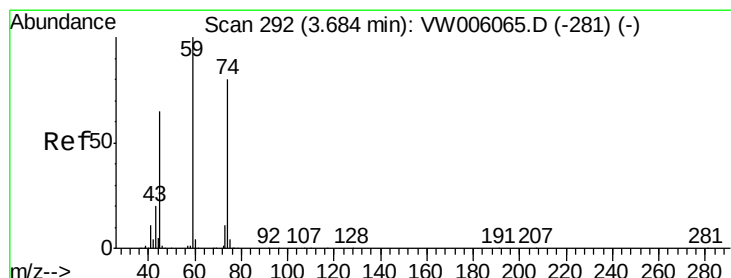
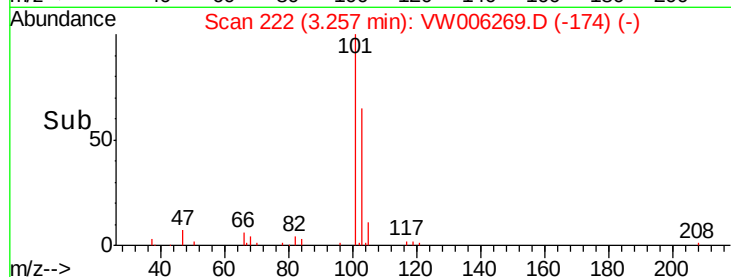
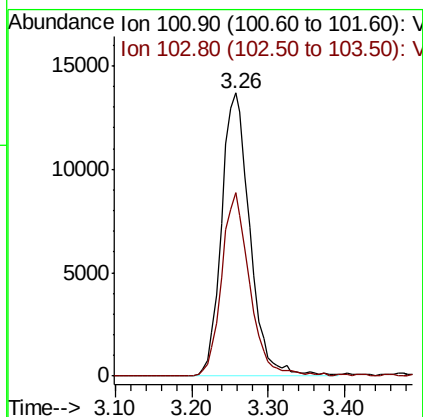
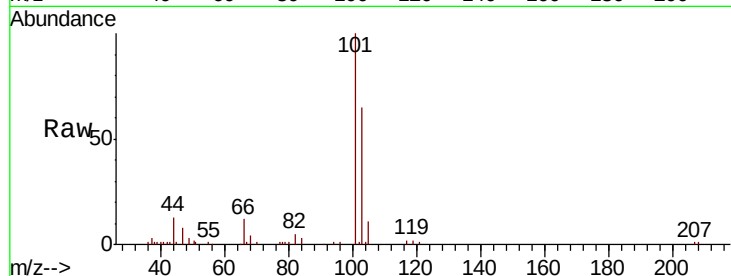


#7

Trichlorofluoromethane
 Concen: 17.602 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

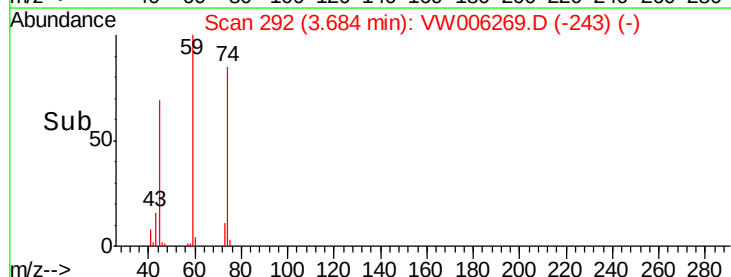
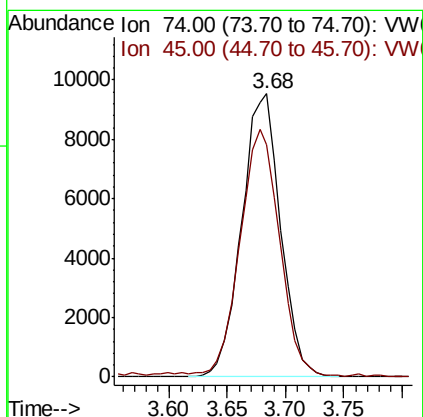
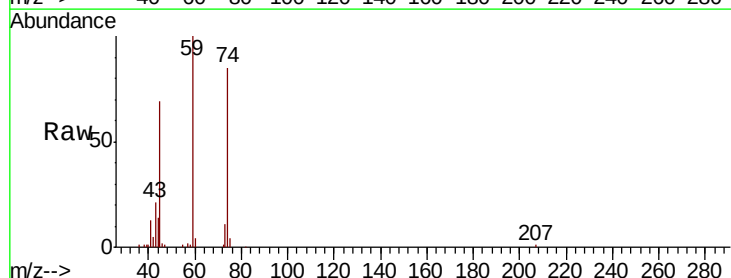
Tot Ion:101 Resp: 35111
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.2 76.8

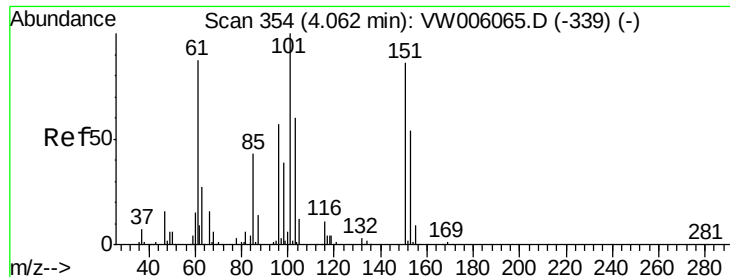


#8

Diethyl Ether
 Concen: 20.893 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion: 74 Resp: 22149
 Ion Ratio Lower Upper
 74 100
 45 89.7 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.893 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

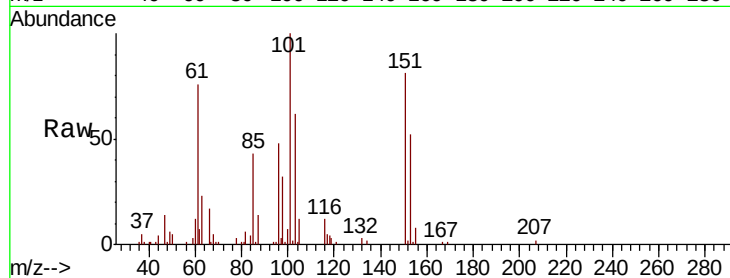
Tot Ion:101 Resp: 43675

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

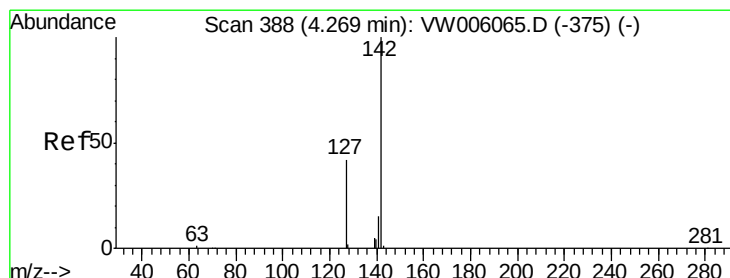
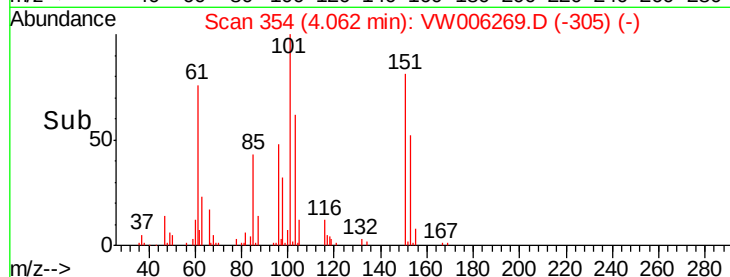
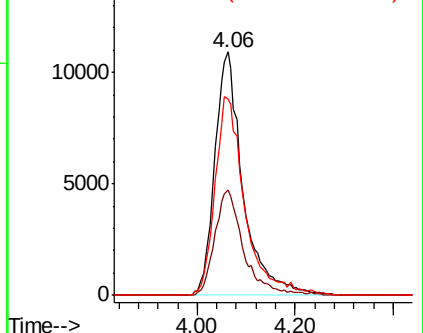
151 86.3 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.938 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

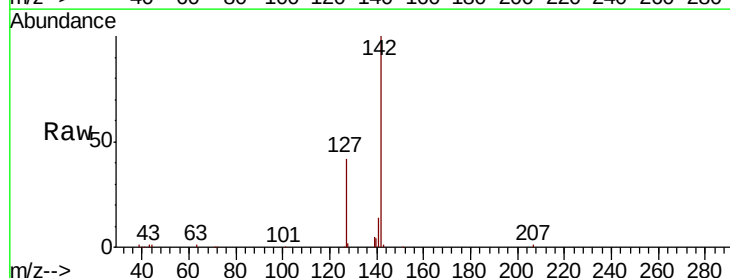
Tgt Ion:142 Resp: 76331

Ion Ratio Lower Upper

142 100

127 41.7 33.6 50.4

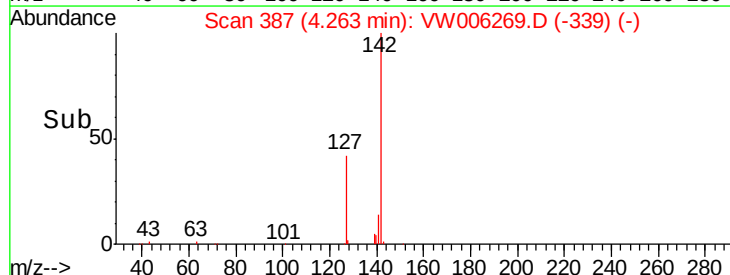
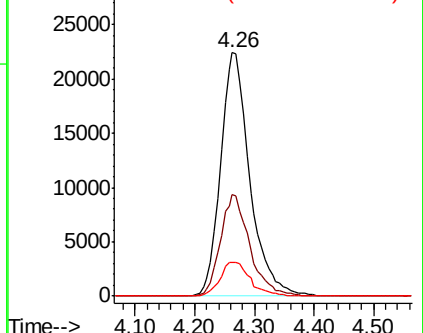
141 14.4 11.6 17.4

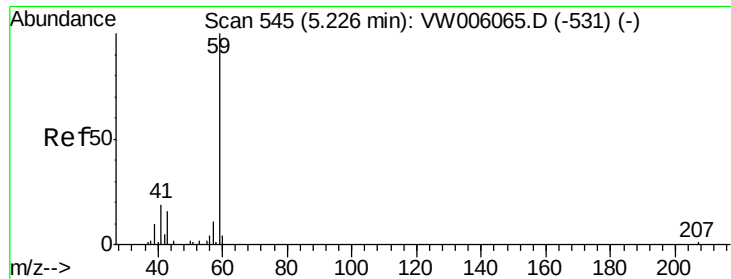


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



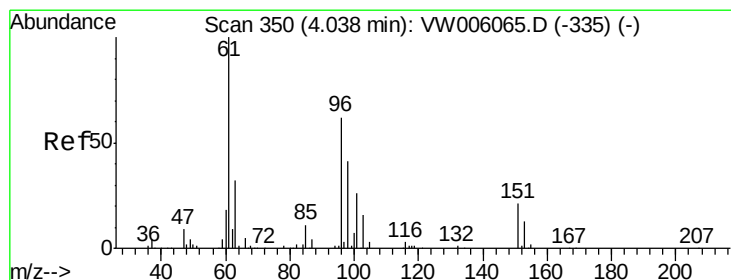
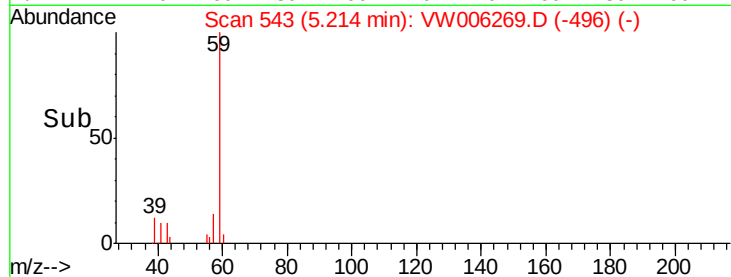
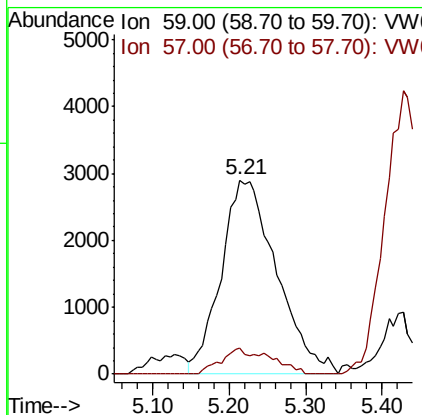
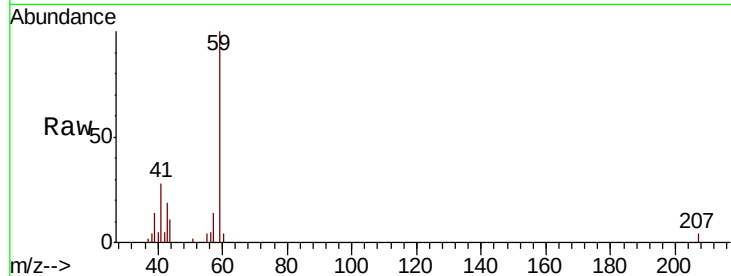


#11

Tert butyl alcohol
 Concen: 111.823 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

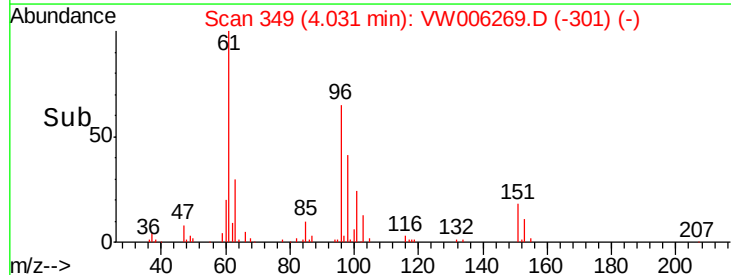
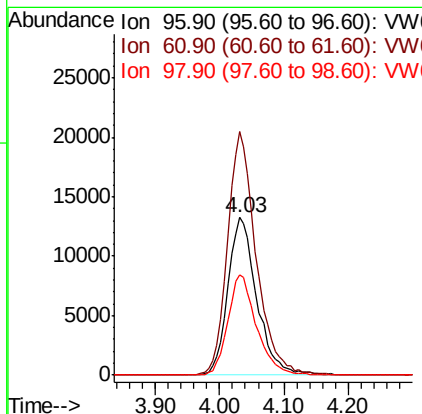
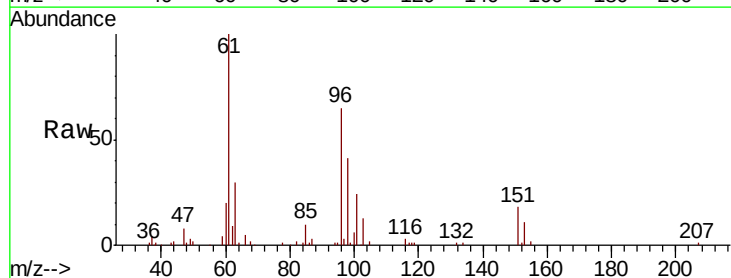
Tot Ion: 59 Resp: 14676
 Ion Ratio Lower Upper
 59 100
 57 6.5 8.7 13.1#

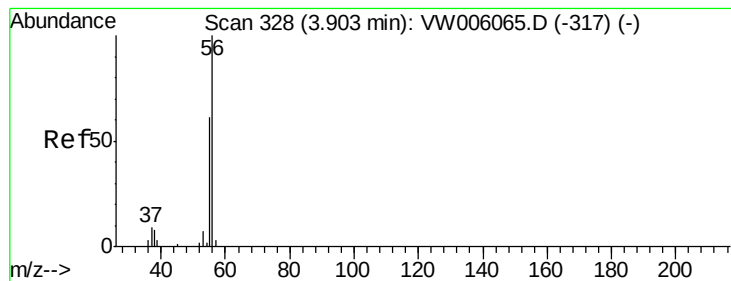


#12

1,1-Dichloroethene
 Concen: 21.238 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion: 96 Resp: 41768
 Ion Ratio Lower Upper
 96 100
 61 154.4 129.3 193.9
 98 63.3 53.1 79.7





#13

Acrolein

Concen: 99.657 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

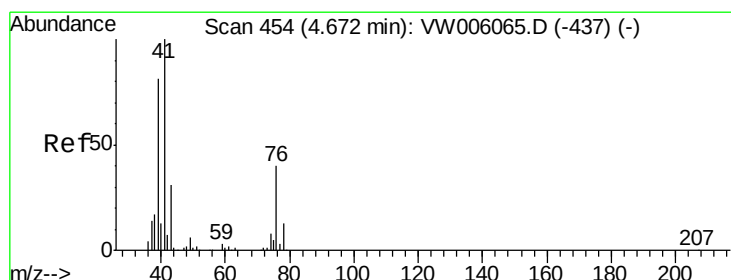
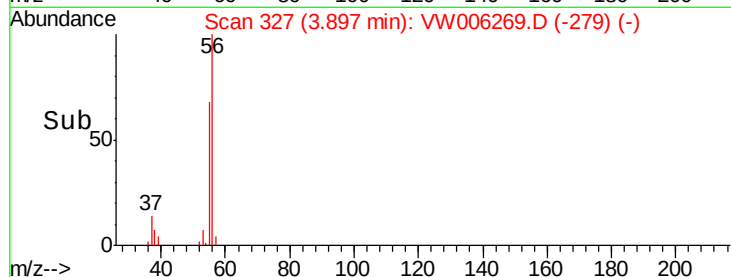
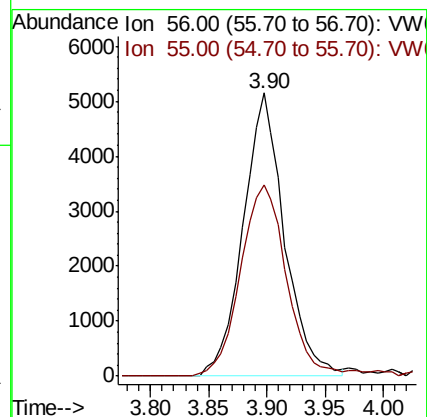
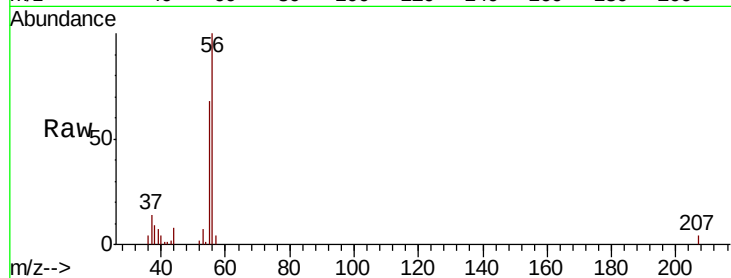
VW1022SBS02

Tot Ion: 56 Resp: 12656

Ion Ratio Lower Upper

56 100

55 75.9 54.5 81.7



#14

Allyl chloride

Concen: 20.828 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

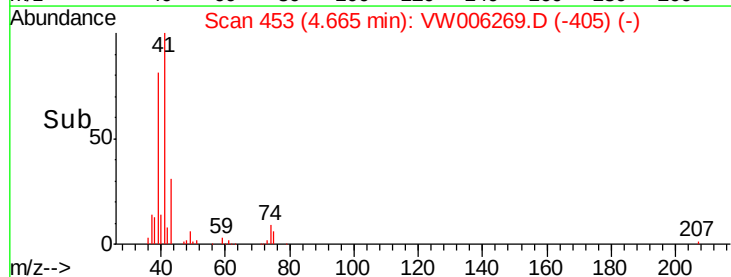
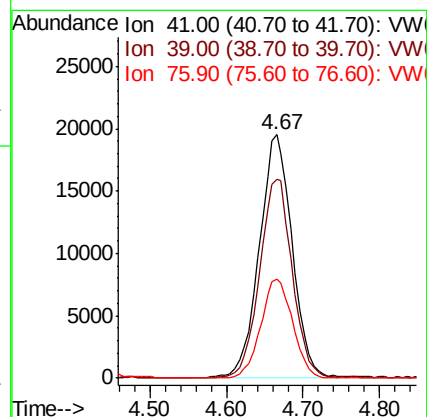
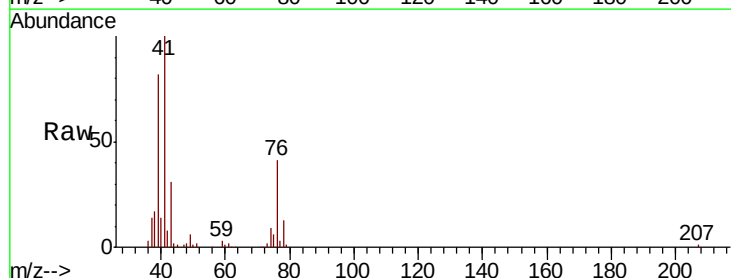
Tgt Ion: 41 Resp: 58570

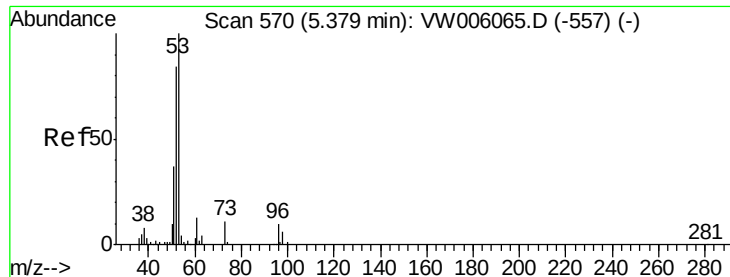
Ion Ratio Lower Upper

41 100

39 81.0 64.1 96.1

76 39.4 32.2 48.4





#15

Acrylonitrile

Concen: 115.820 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

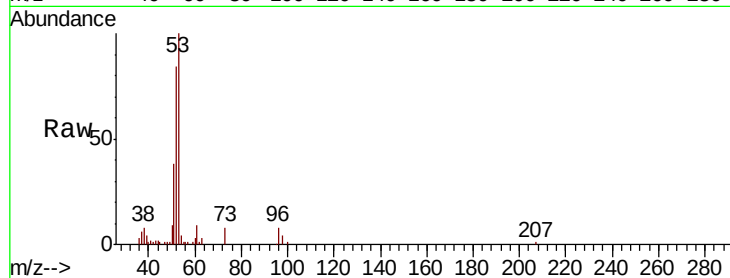
Tot Ion: 53 Resp: 44039

Ion Ratio Lower Upper

53 100

52 84.6 66.9 100.3

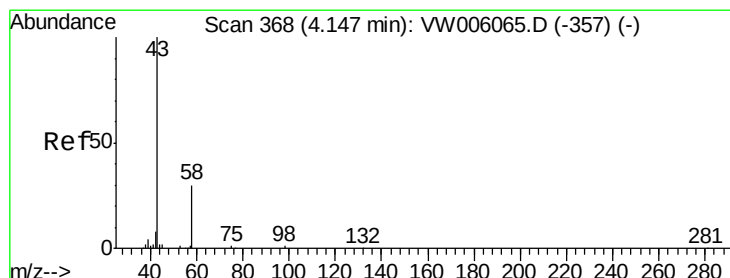
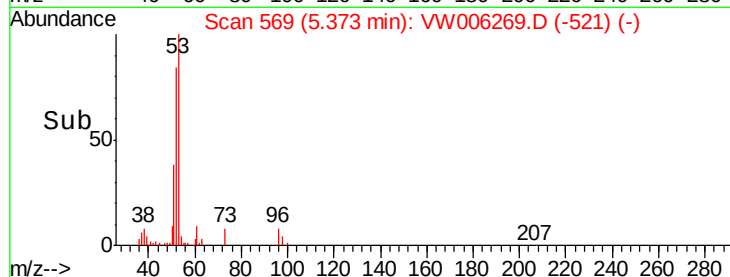
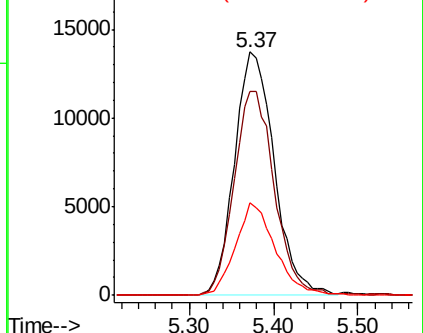
51 37.8 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 100.449 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006269.D

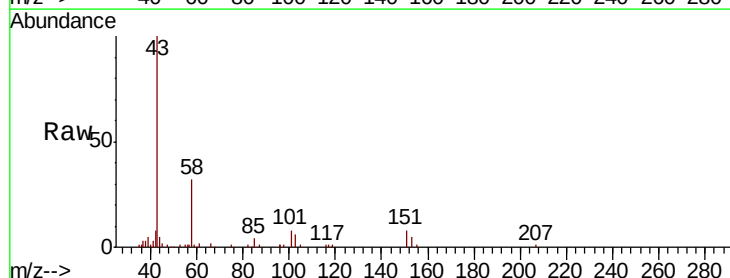
Acq: 23 Oct 2018 01:03

Tgt Ion: 43 Resp: 40017

Ion Ratio Lower Upper

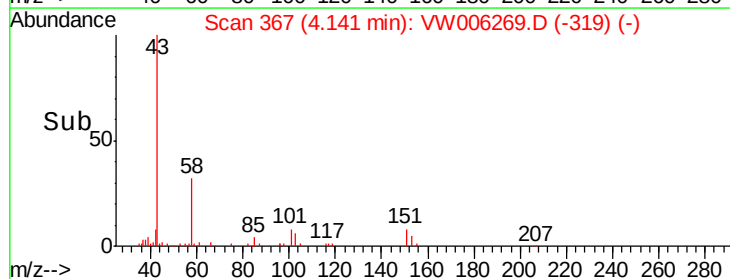
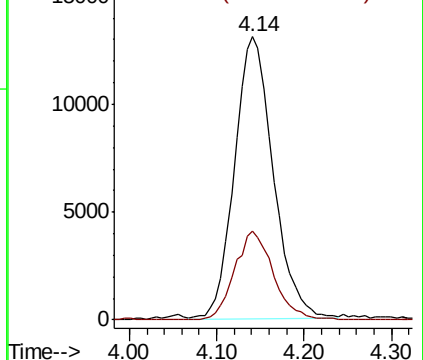
43 100

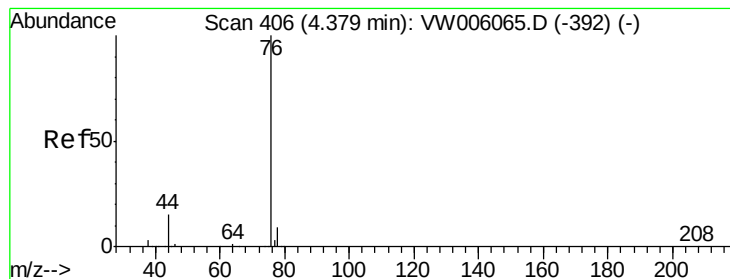
58 31.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 17.948 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

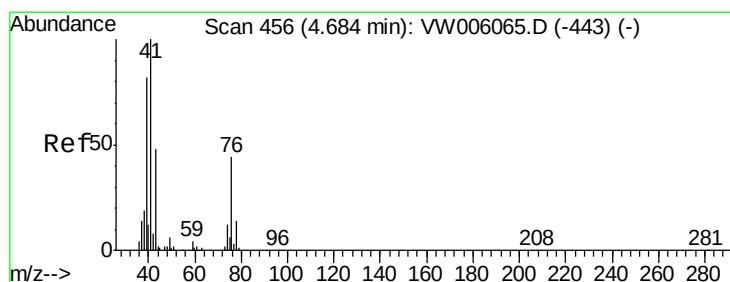
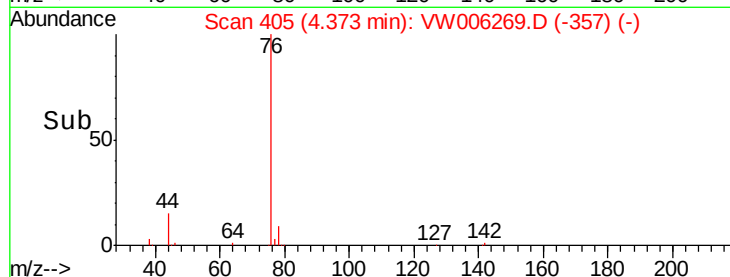
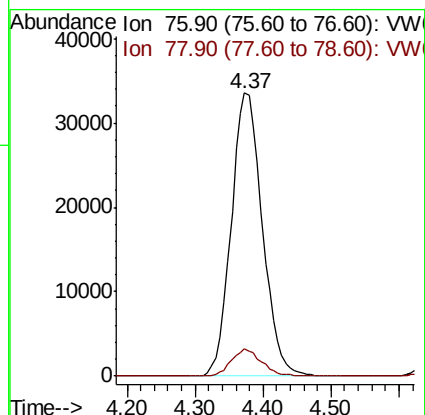
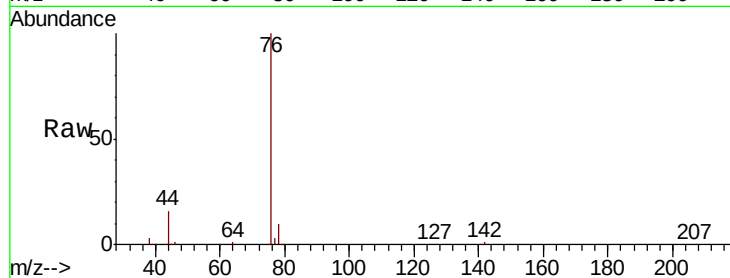
VW1022SBS02

Tot Ion: 76 Resp: 106533

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3



#18

Methyl Acetate

Concen: 23.126 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006269.D

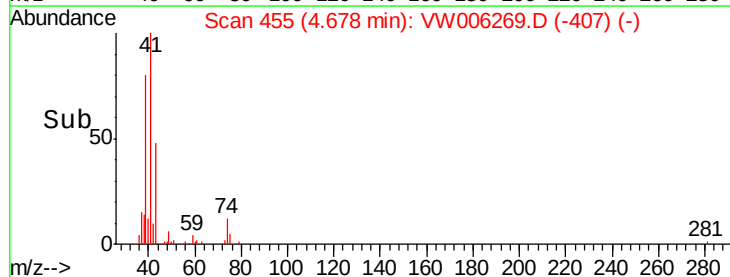
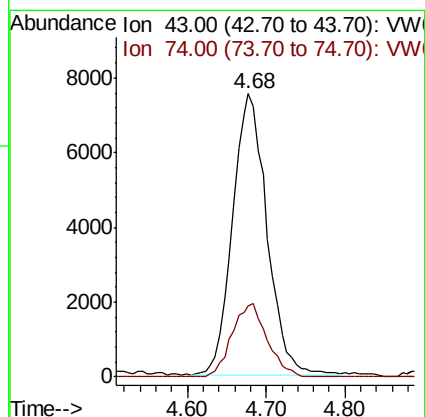
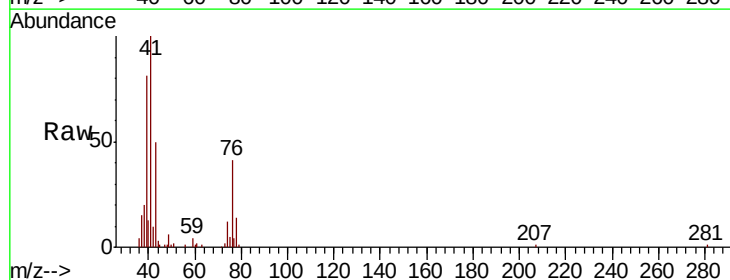
Acq: 23 Oct 2018 01:03

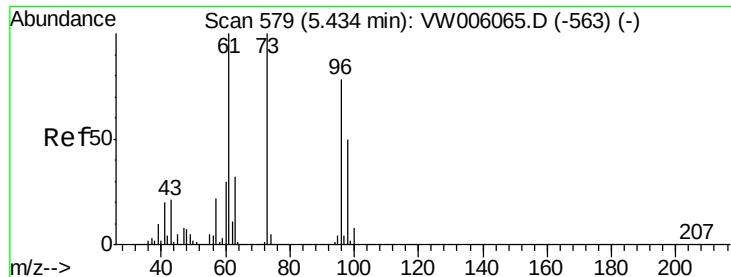
Tgt Ion: 43 Resp: 22711

Ion Ratio Lower Upper

43 100

74 26.6 20.5 30.7

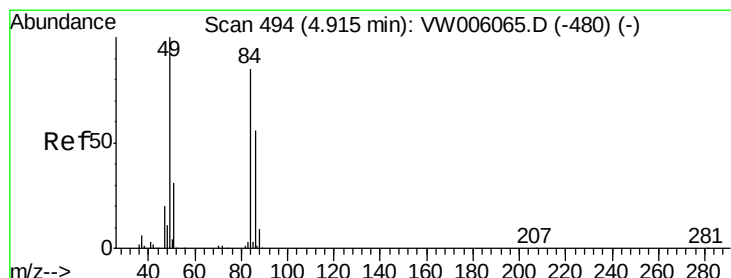
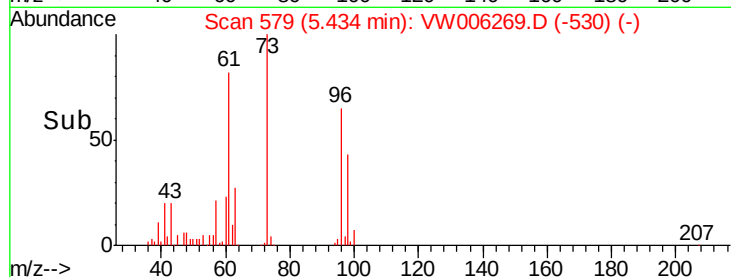
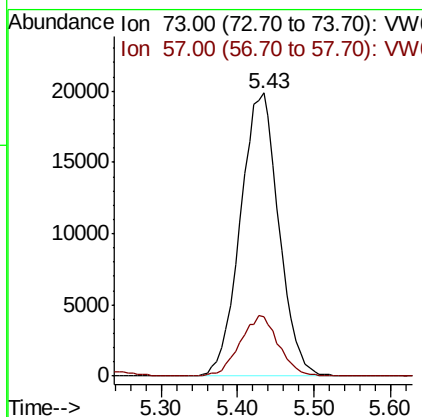
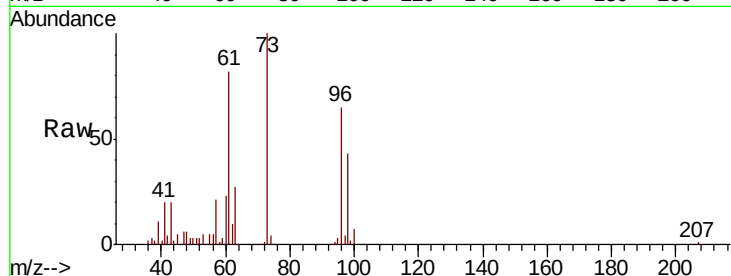




#19
Methyl tert-butyl Ether
Concen: 23.145 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

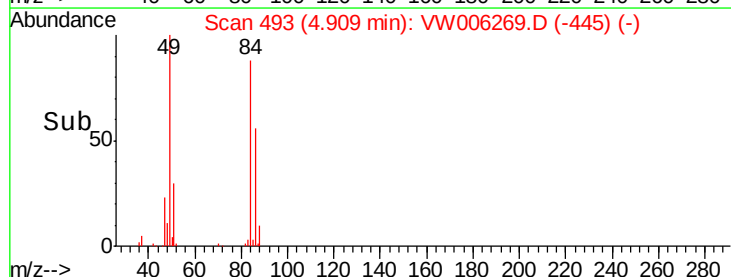
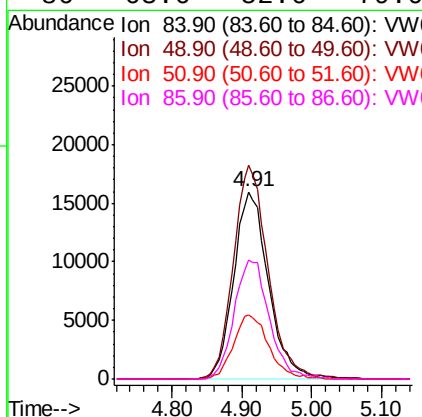
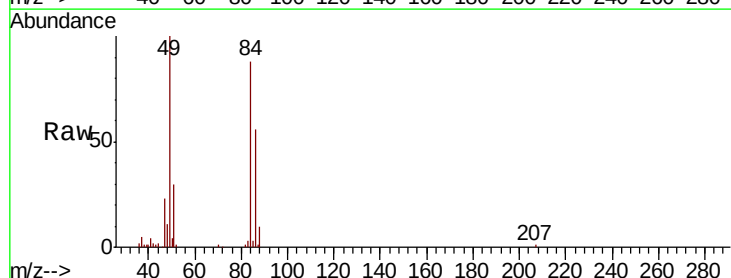
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

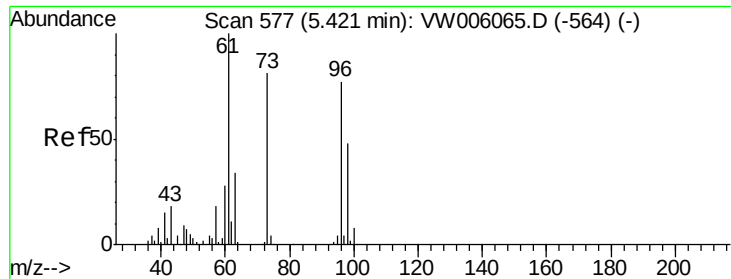
Tot Ion: 73 Resp: 69330
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.2



#20
Methylene Chloride
Concen: 25.941 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 84 Resp: 55182
Ion Ratio Lower Upper
84 100
49 114.1 93.6 140.4
51 34.0 29.0 43.4
86 63.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 22.529 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

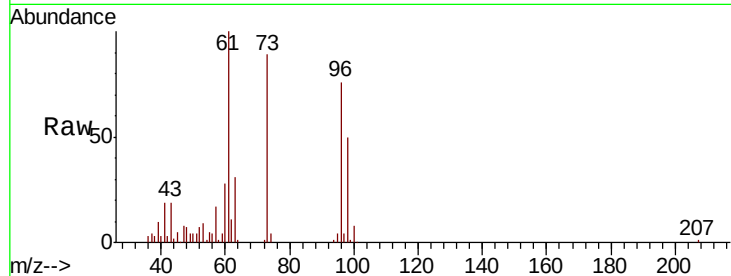
Tot Ion: 96 Resp: 49457

Ion Ratio Lower Upper

96 100

61 131.2 104.5 156.7

98 65.0 50.6 75.8

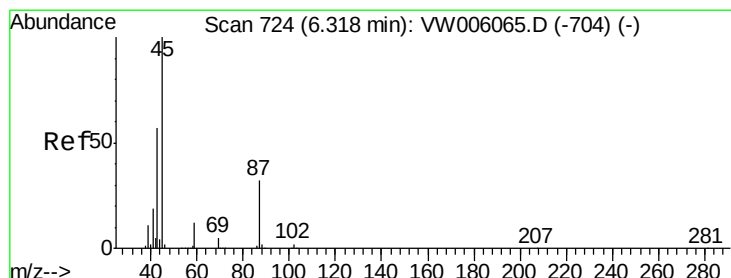
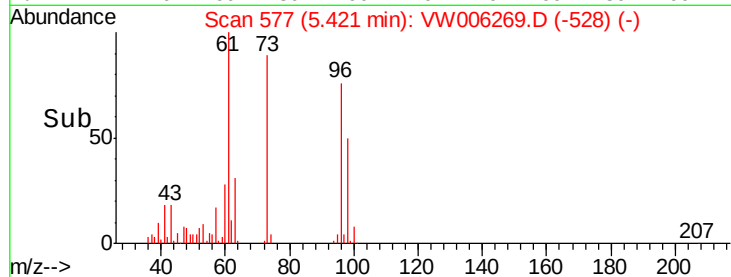
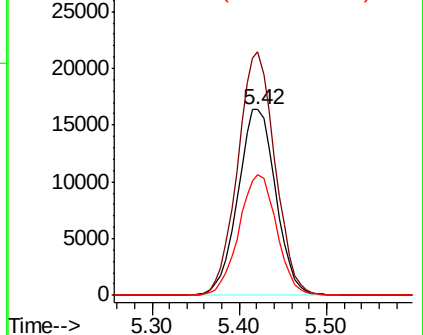


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 23.094 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion: 45 Resp: 128333

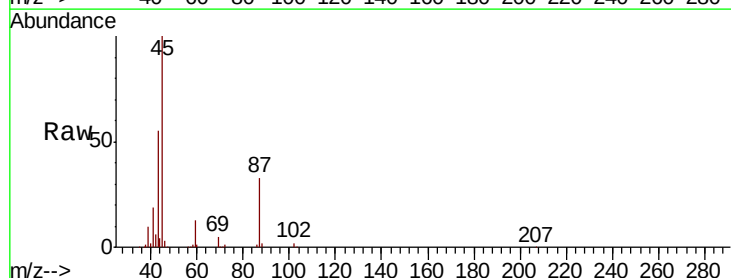
Ion Ratio Lower Upper

45 100

43 54.0 45.7 68.5

87 32.6 25.9 38.9

59 12.4 9.6 14.4



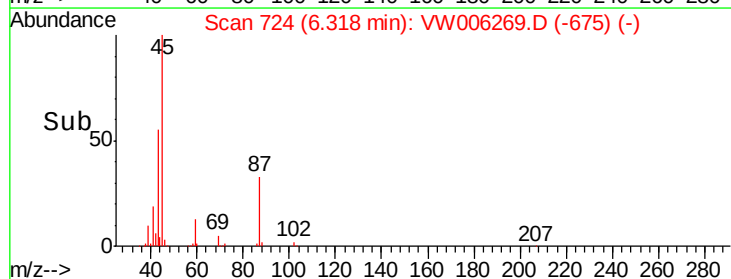
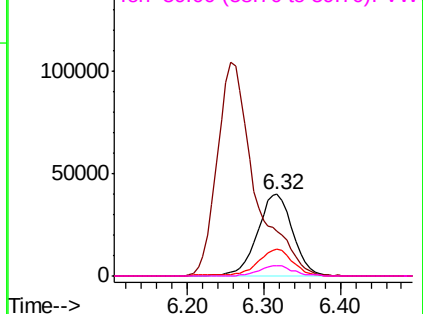
Abundance

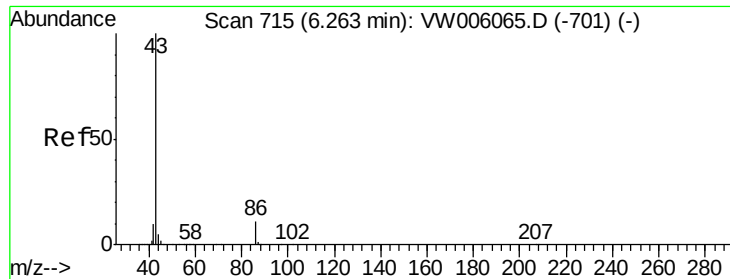
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

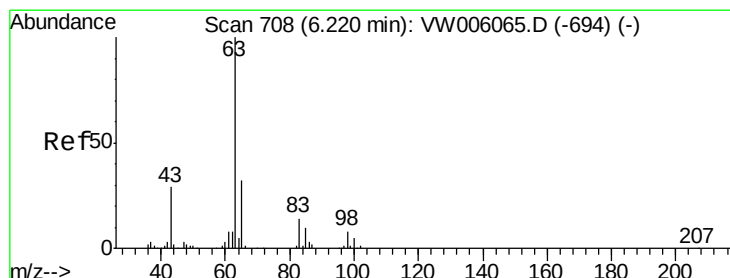
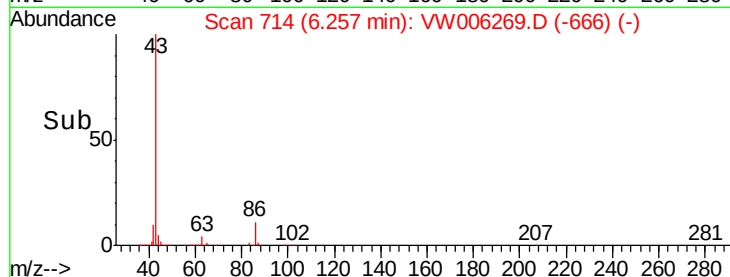
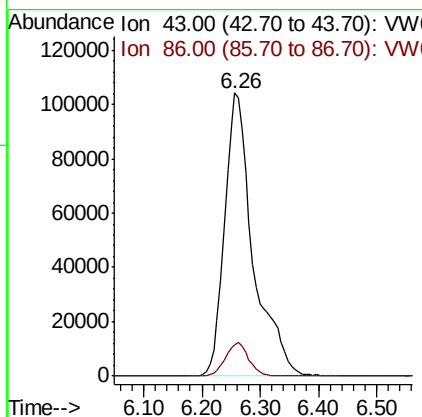
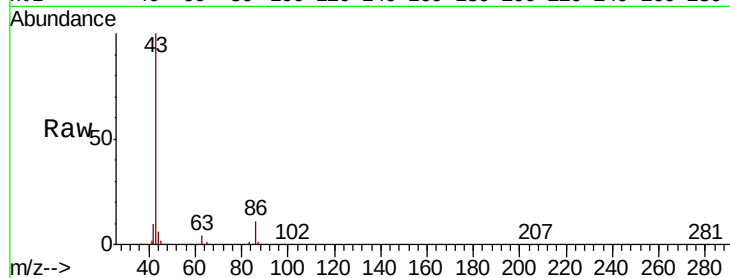




#23
 Vinyl Acetate
 Concen: 108.597 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

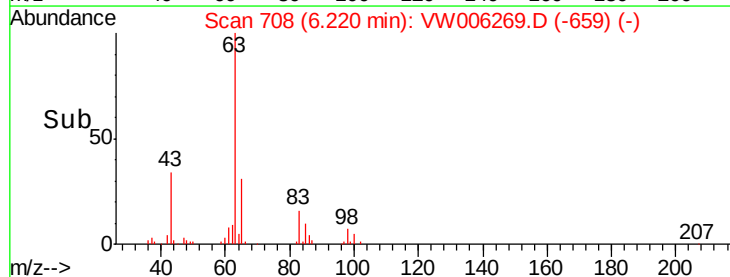
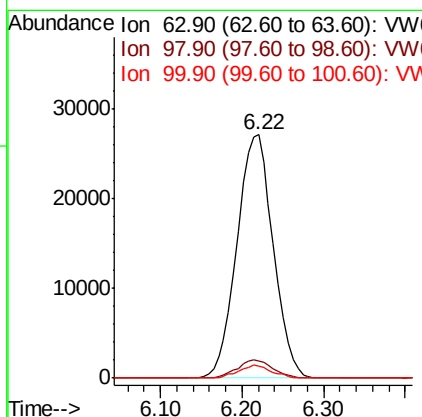
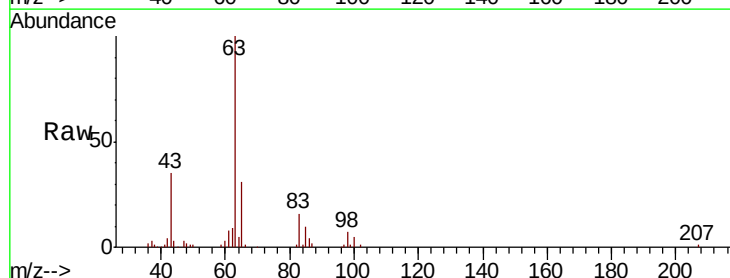
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

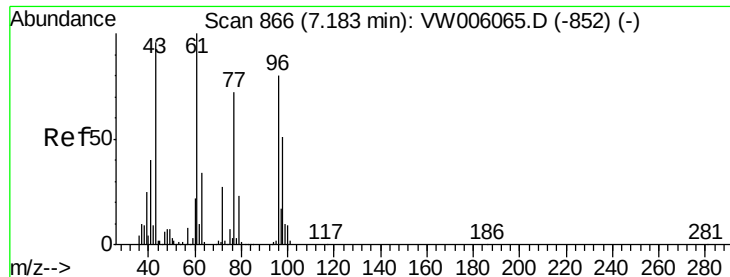
Tot Ion: 43 Resp: 356145
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 23.246 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion: 63 Resp: 83353
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 111.448 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

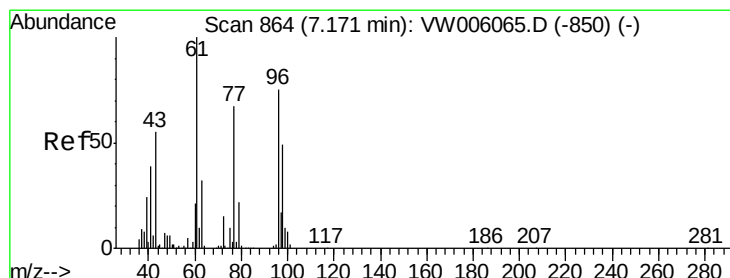
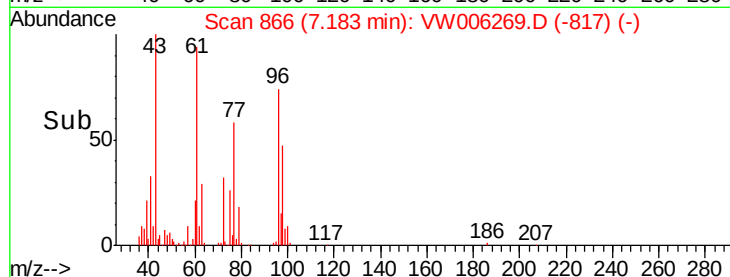
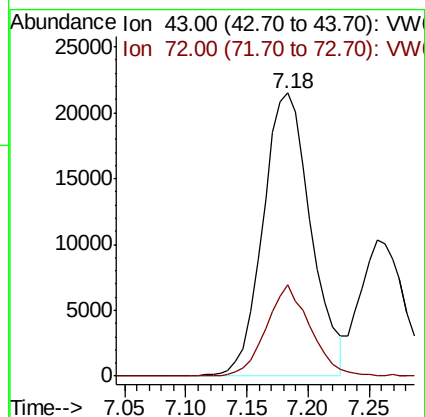
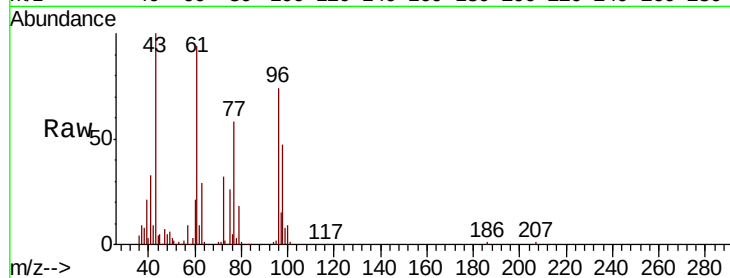
VW1022SBS02

Tot Ion: 43 Resp: 58753

Ion Ratio Lower Upper

43 100

72 32.3 22.8 34.2



#26

2,2-Dichloropropane

Concen: 19.971 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006269.D

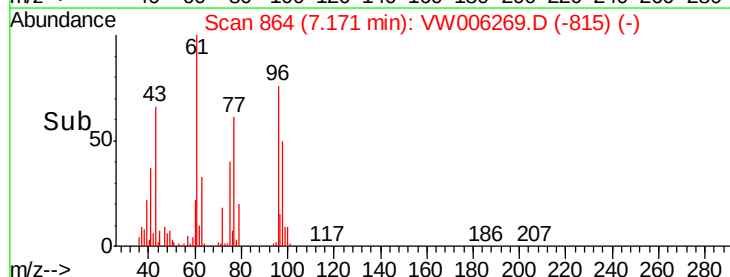
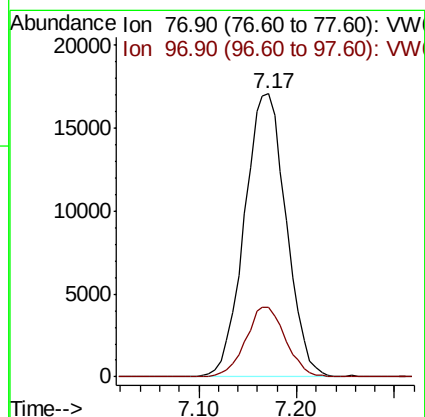
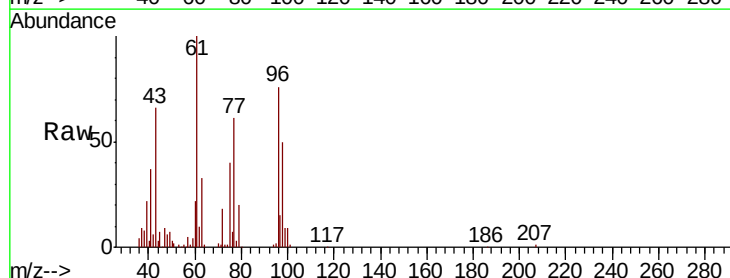
Acq: 23 Oct 2018 01:03

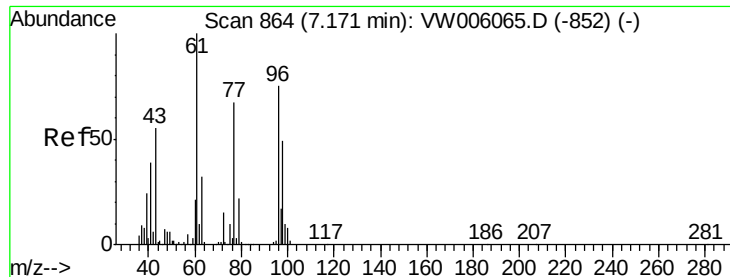
Tgt Ion: 77 Resp: 50506

Ion Ratio Lower Upper

77 100

97 23.5 12.2 36.4



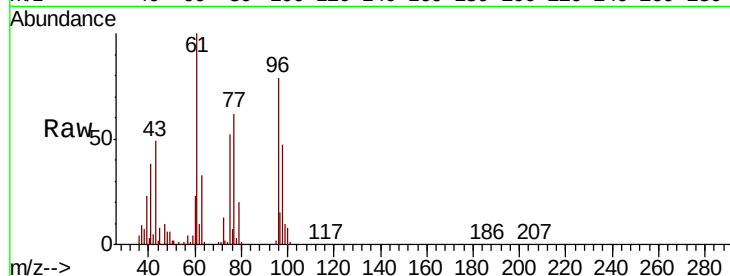


#27

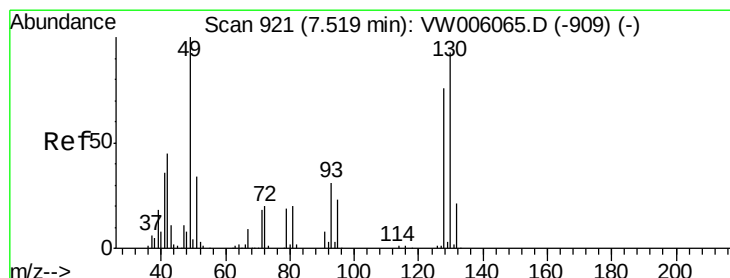
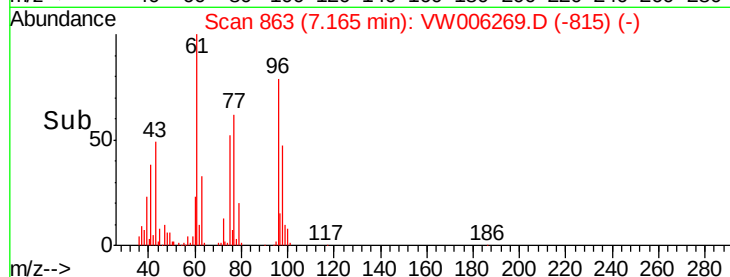
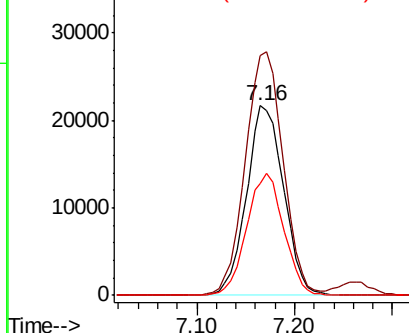
cis-1,2-Dichloroethene
Concen: 23.546 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion: 96 Resp: 57041
Ion Ratio Lower Upper
96 100
61 130.8 0.0 267.2
98 64.4 0.0 128.6



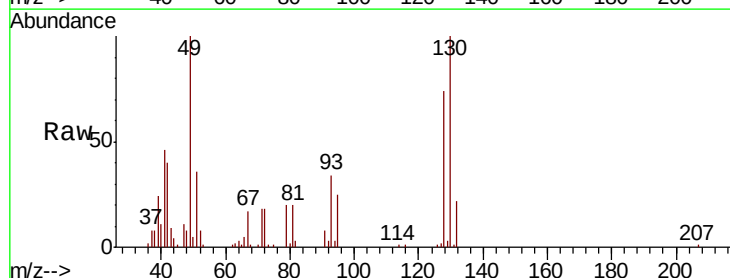
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



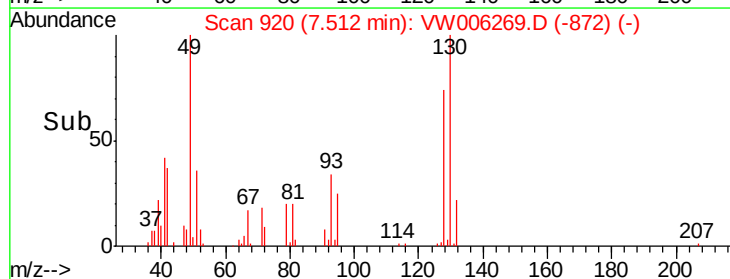
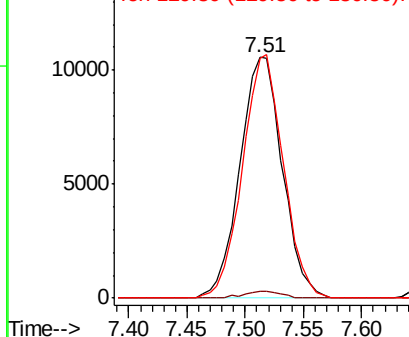
#28

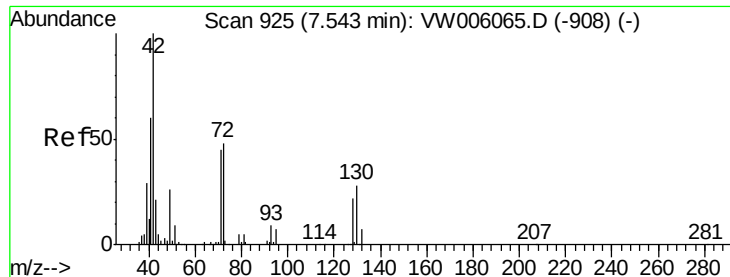
Bromochloromethane
Concen: 19.433 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 49 Resp: 26901
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 96.9 73.8 110.8



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





#29

Tetrahydrofuran

Concen: 116.375 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

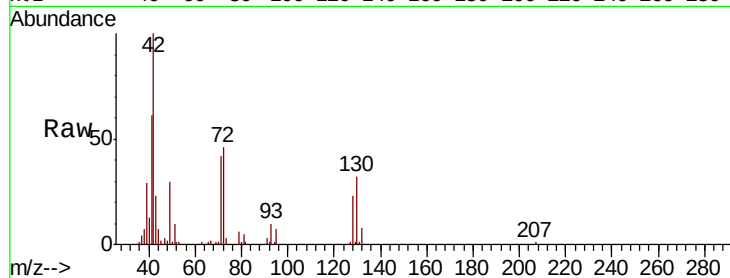
Tot Ion: 42 Resp: 37711

Ion Ratio Lower Upper

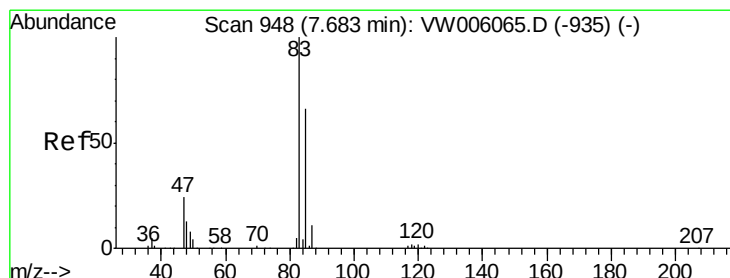
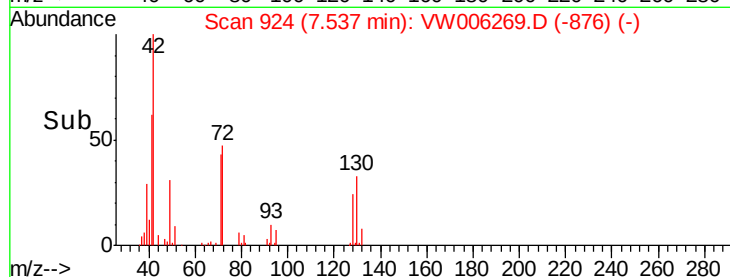
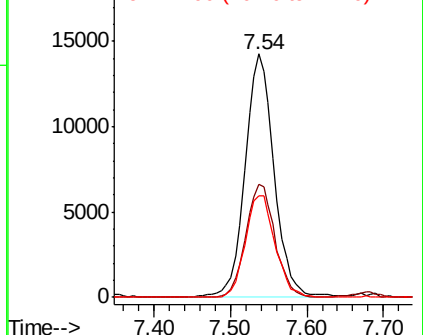
42 100

72 46.6 38.0 57.0

71 42.9 35.3 52.9



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



#30

Chloroform

Concen: 23.757 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006269.D

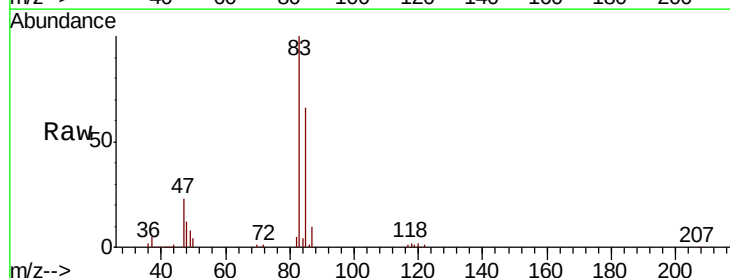
Acq: 23 Oct 2018 01:03

Tgt Ion: 83 Resp: 92810

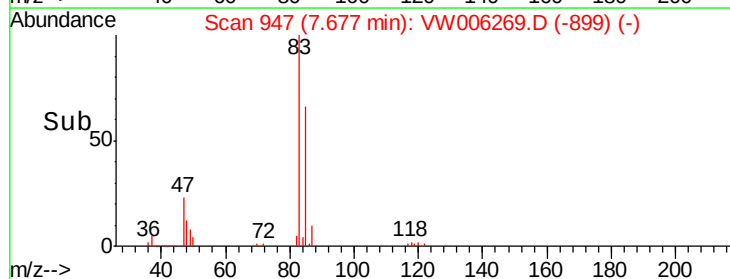
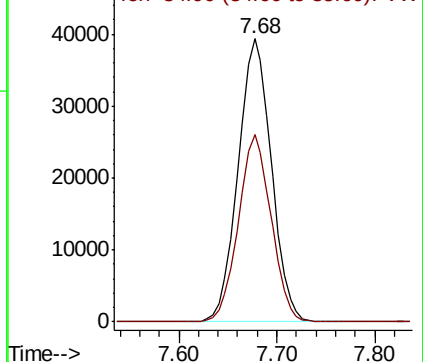
Ion Ratio Lower Upper

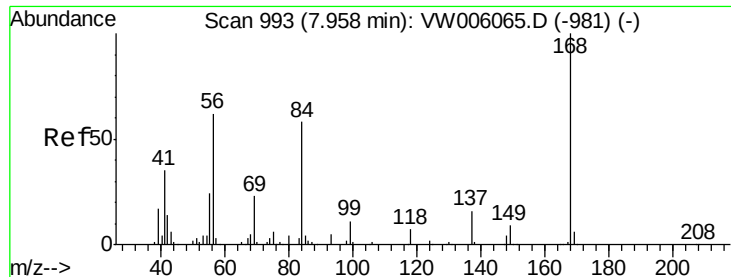
83 100

85 66.2 52.6 79.0



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

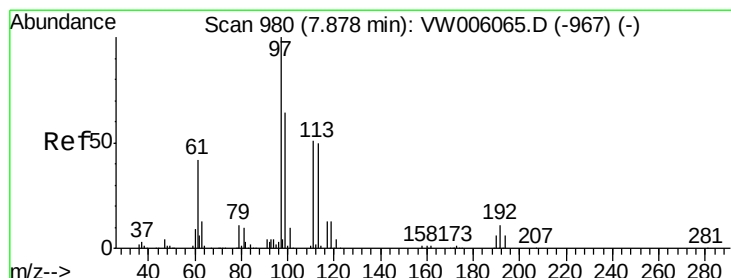
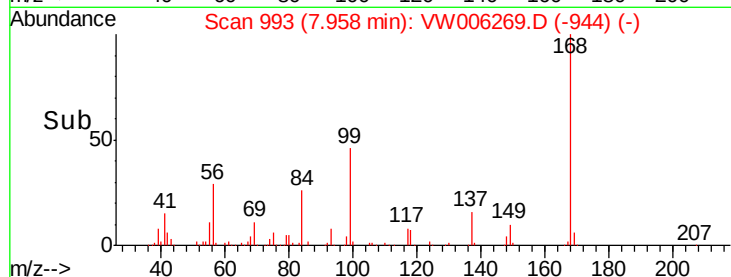
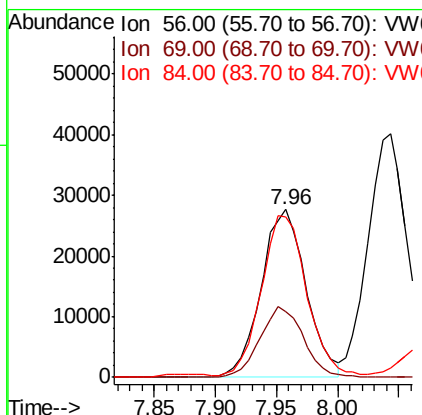
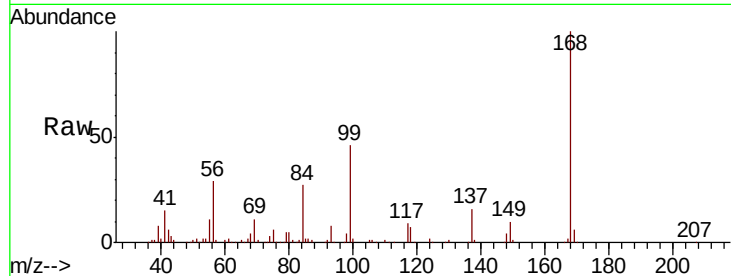




#31
Cyclohexane
Concen: 19.836 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

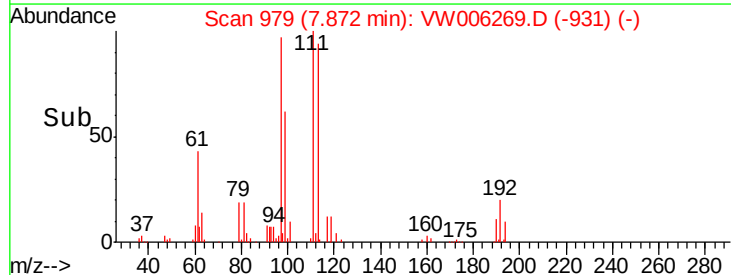
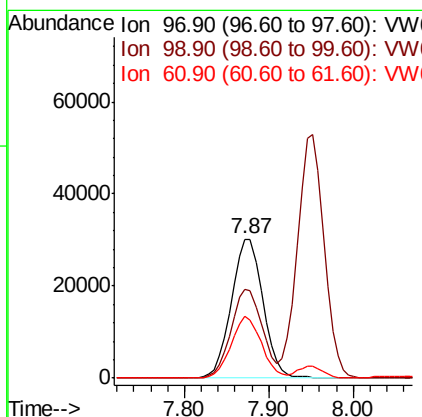
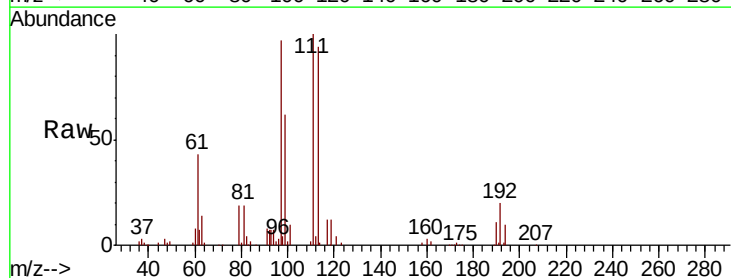
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

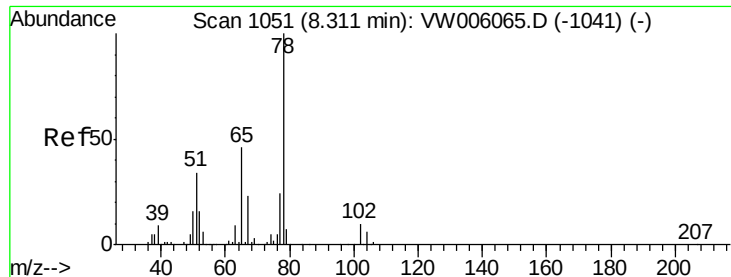
Tot Ion: 56 Resp: 70833
Ion Ratio Lower Upper
56 100
69 39.2 29.4 44.0
84 93.8 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 21.749 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 97 Resp: 76646
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 42.6 33.7 50.5

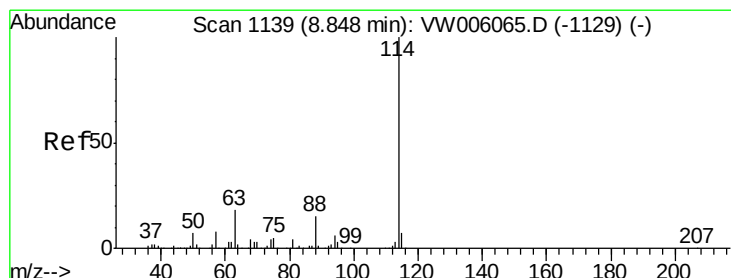
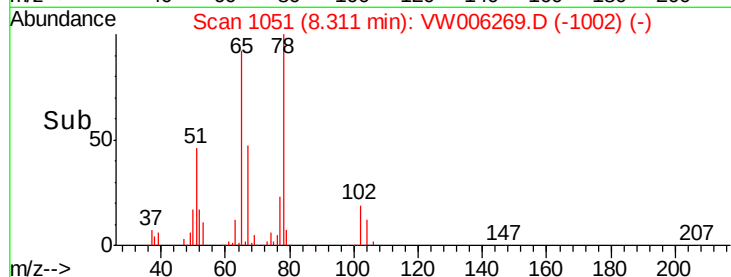
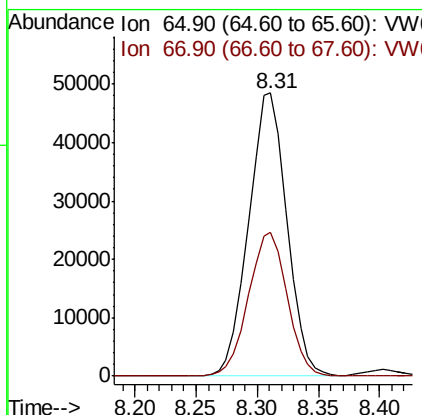
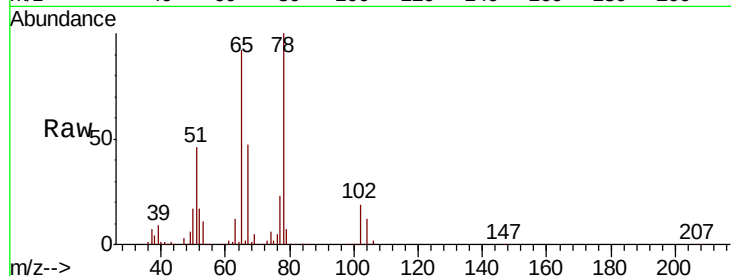




#33
 1,2-Dichloroethane-d4
 Concen: 54.107 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

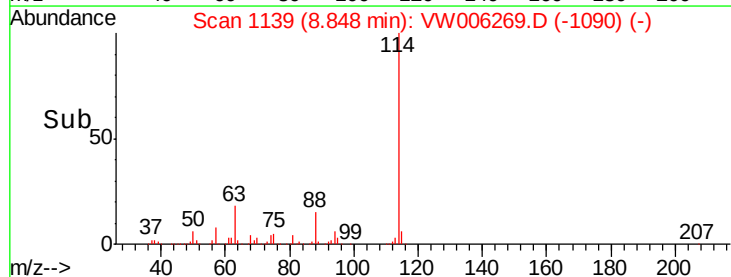
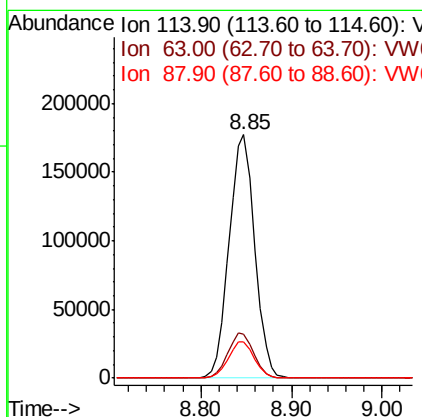
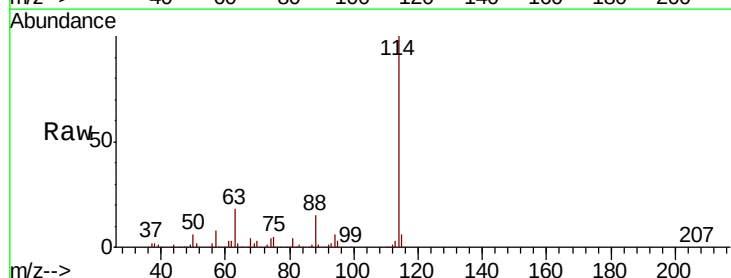
Instrument :
 MSVOA_W
 ClientSampled :
 VW1022SBS02

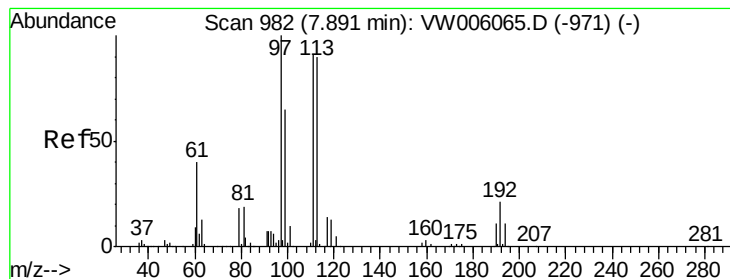
Tot Ion: 65 Resp: 105586
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion: 114 Resp: 346961
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.903 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

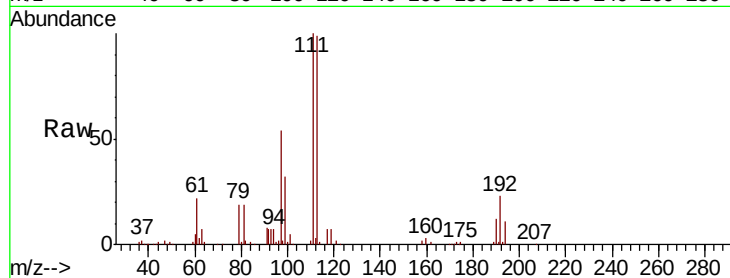
Tot Ion:113 Resp: 108461

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

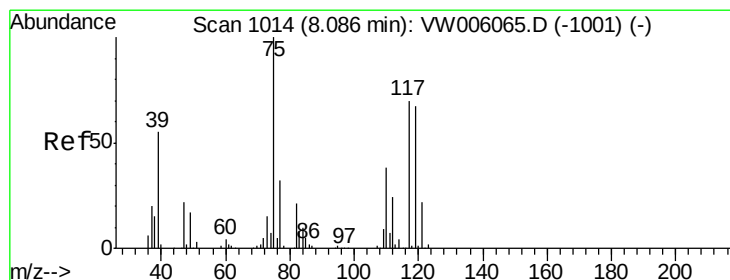
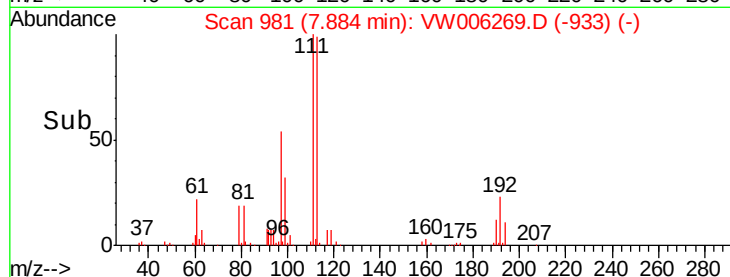
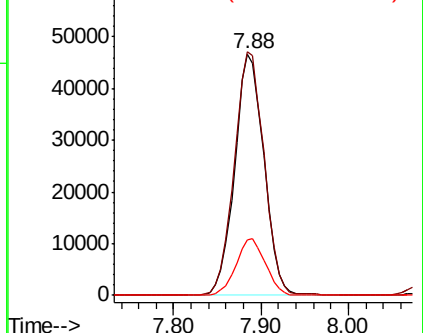
192 23.5 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.741 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

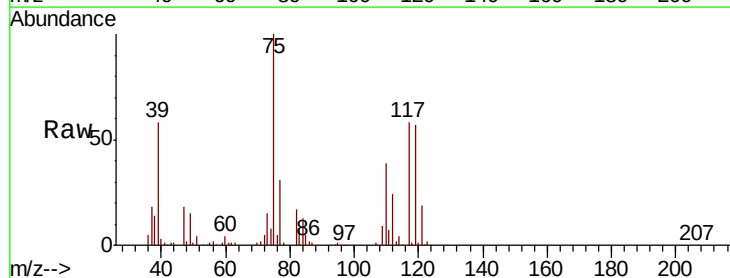
Tgt Ion: 75 Resp: 69529

Ion Ratio Lower Upper

75 100

110 37.6 19.1 57.1

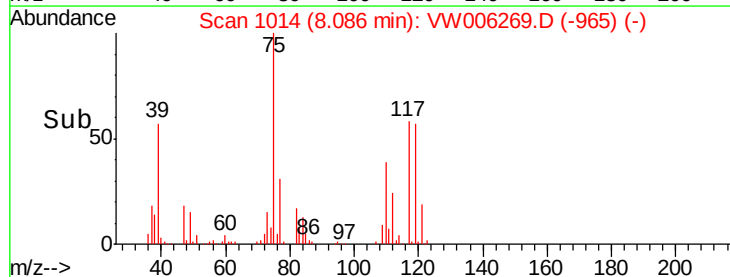
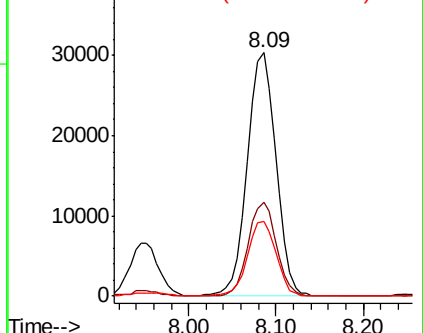
77 30.6 25.0 37.4

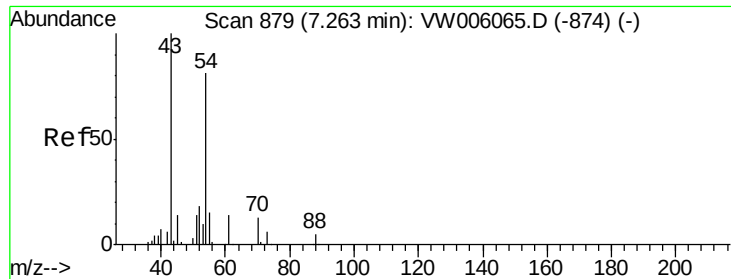


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

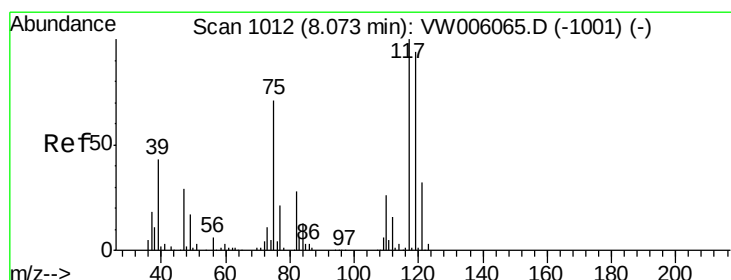
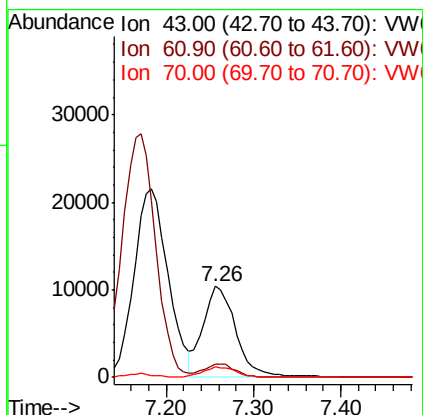
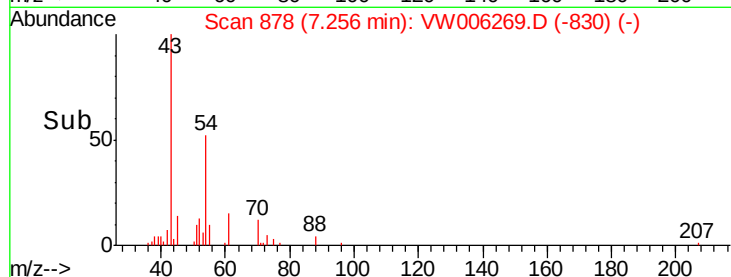
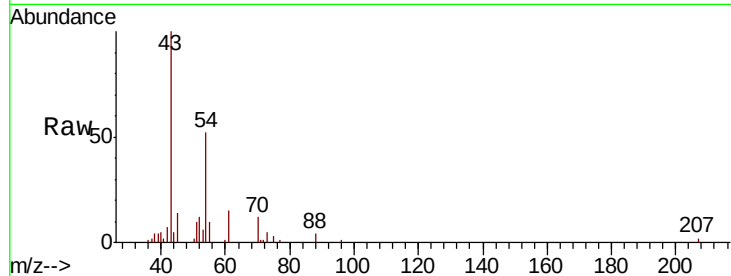




#37
Ethyl Acetate
Concen: 22.747 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

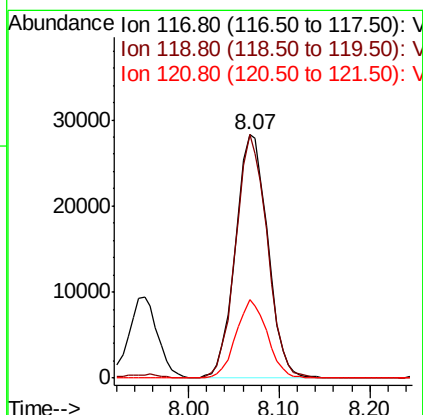
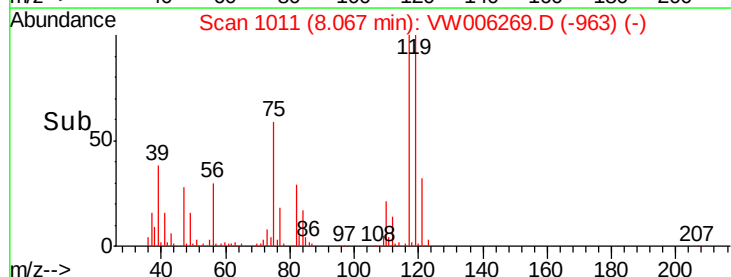
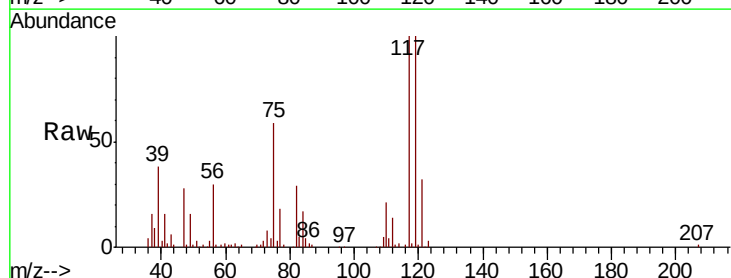
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

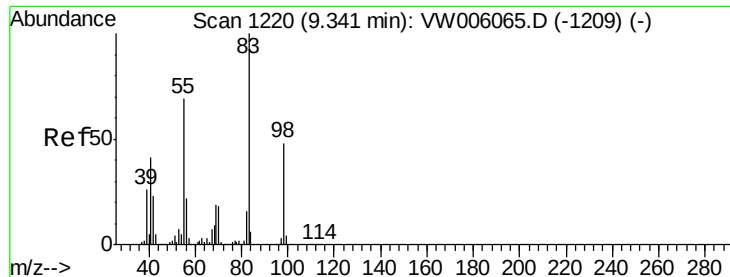
Tot Ion: 43 Resp: 27028
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.023 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 117 Resp: 70198
Ion Ratio Lower Upper
117 100
119 100.1 75.2 112.8
121 32.0 25.3 37.9

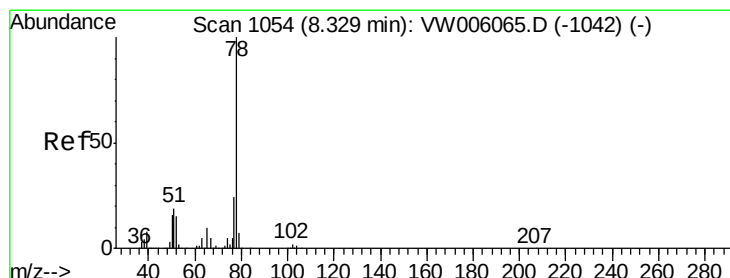
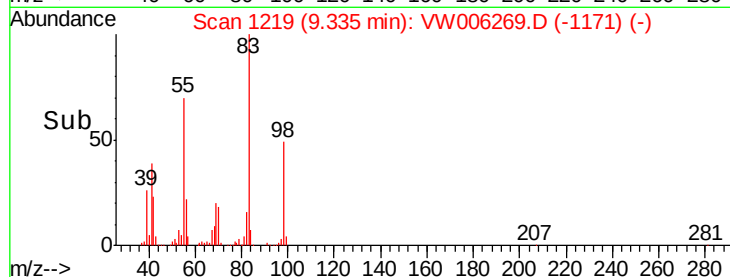
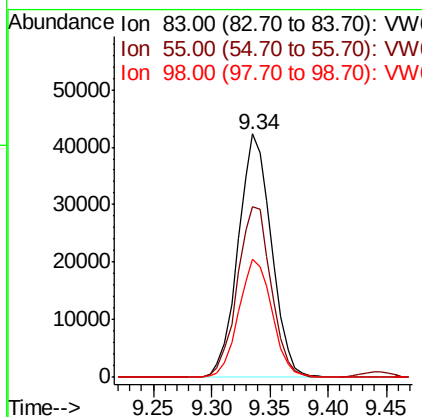
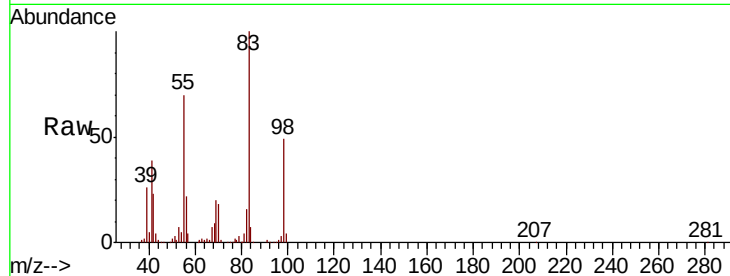




#39
Methylvlcyclohexane
Concen: 19.849 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

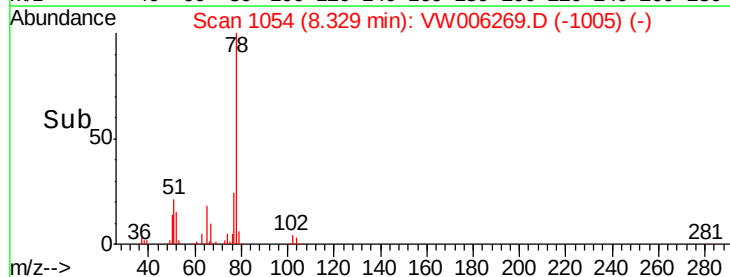
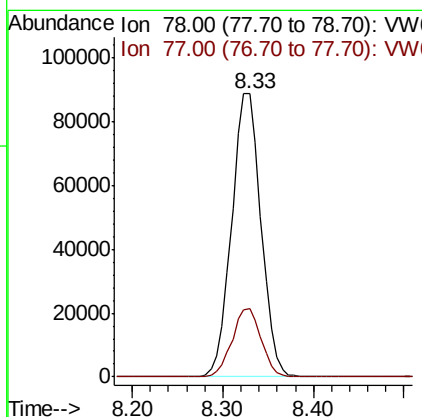
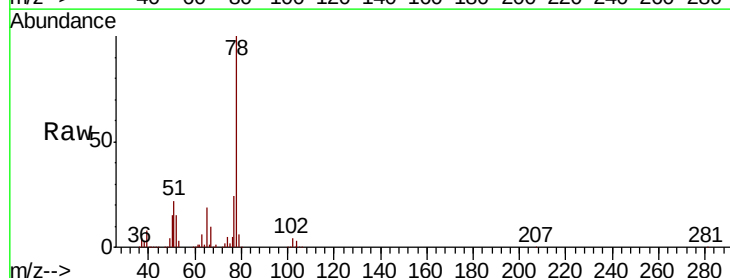
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

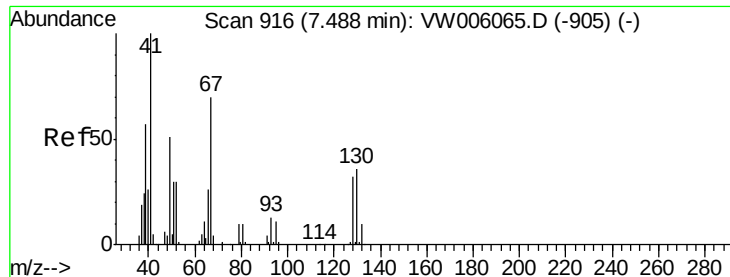
Tot Ion: 83 Resp: 84377
Ion Ratio Lower Upper
83 100
55 70.1 55.0 82.6
98 48.6 38.6 57.8



#40
Benzene
Concen: 22.677 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 78 Resp: 198932
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

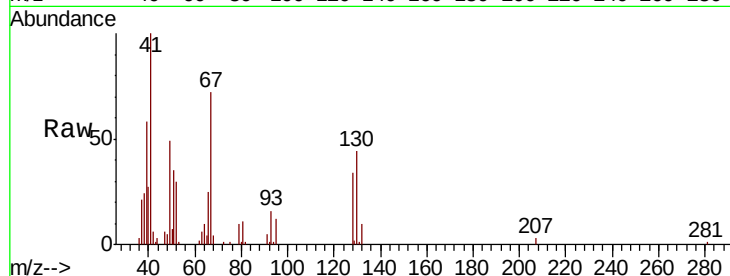




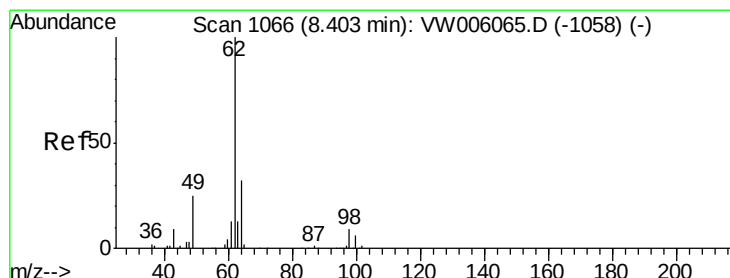
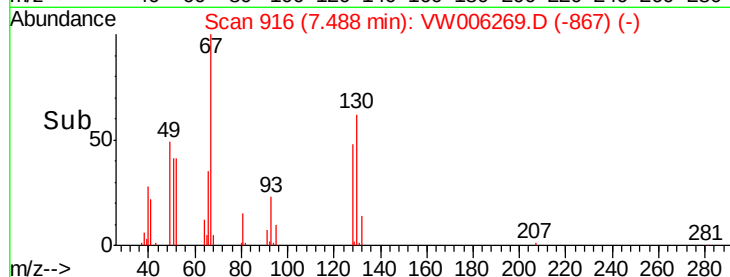
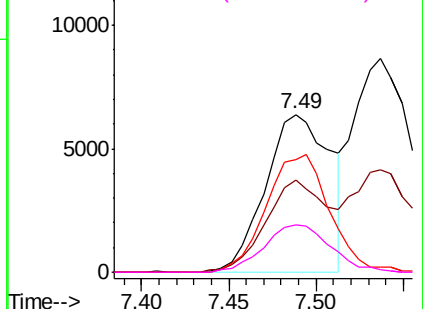
#41
Methacrylonitrile
Concen: 23.111 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampled :
VW1022SBS02

Tot Ion:	41	Resp:	16554
Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.2	69.4
67	73.1	57.7	86.5
52	30.8	24.7	37.1

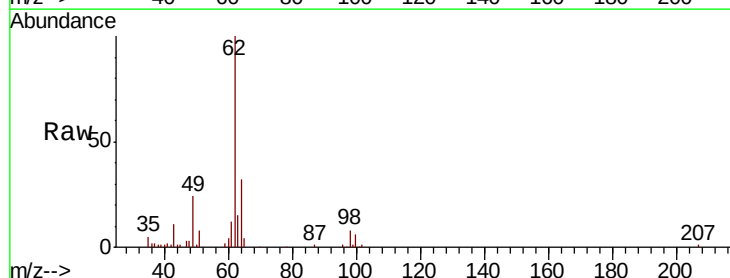


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

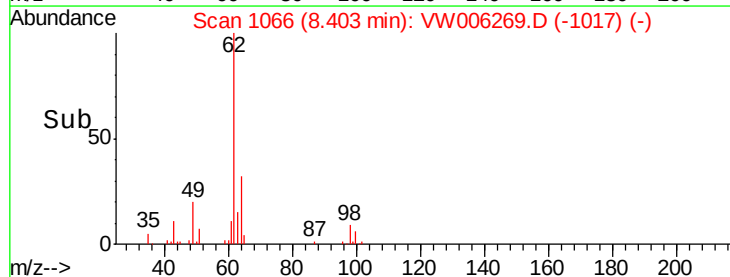
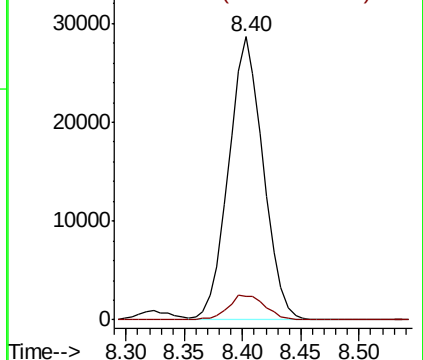


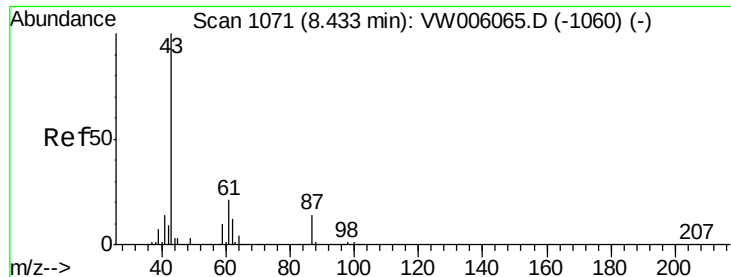
#42
1,2-Dichloroethane
Concen: 22.938 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion:	62	Resp:	59119
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 21.616 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

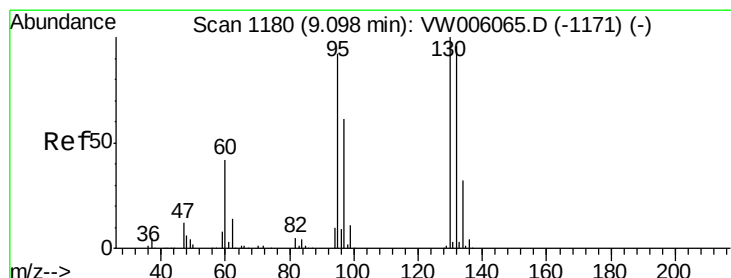
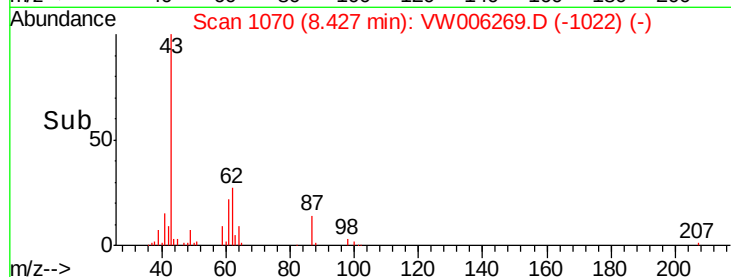
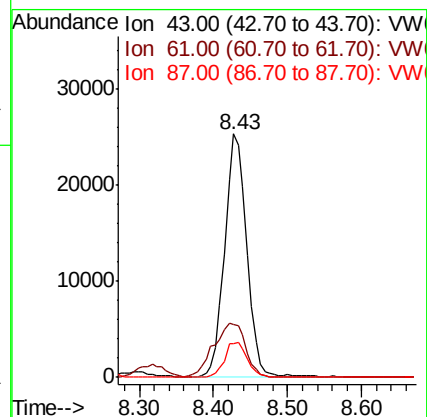
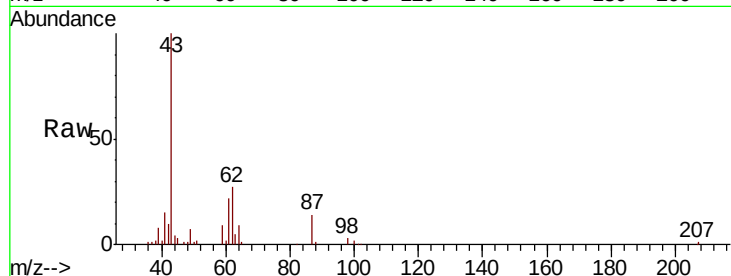
Tot Ion: 43 Resp: 52515

Ion Ratio Lower Upper

43 100

61 31.8 25.5 38.3

87 14.6 11.7 17.5



#44

Trichloroethene

Concen: 22.391 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006269.D

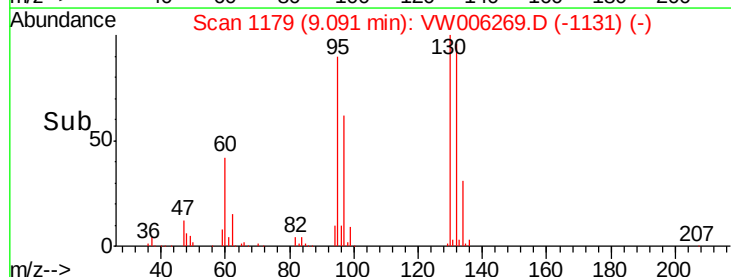
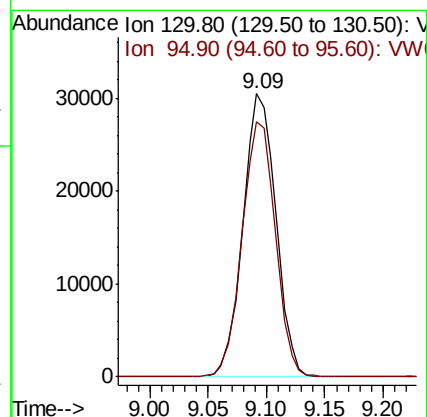
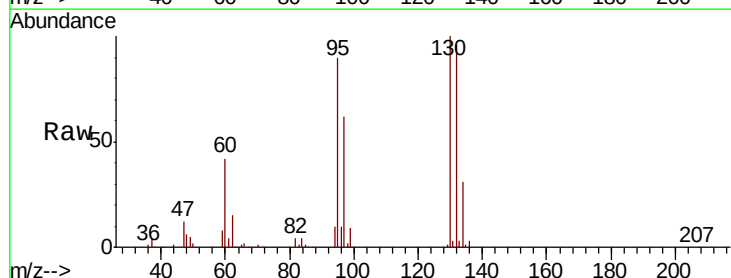
Acq: 23 Oct 2018 01:03

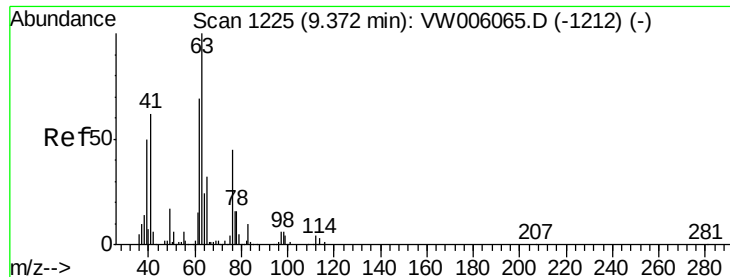
Tgt Ion: 130 Resp: 60261

Ion Ratio Lower Upper

130 100

95 90.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 22.698 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

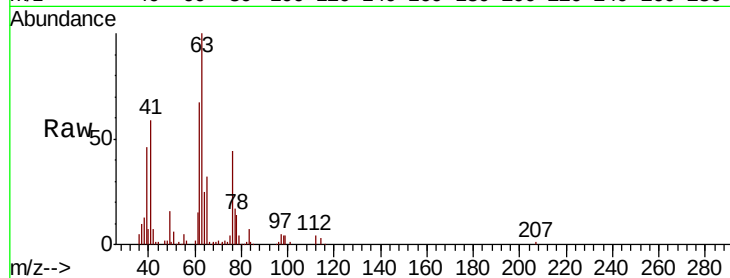
VW1022SBS02

Tot Ion: 63 Resp: 47647

Ion Ratio Lower Upper

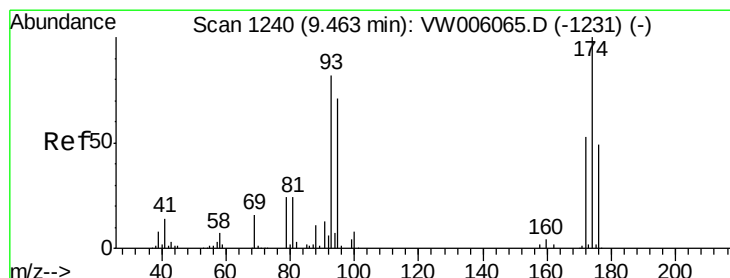
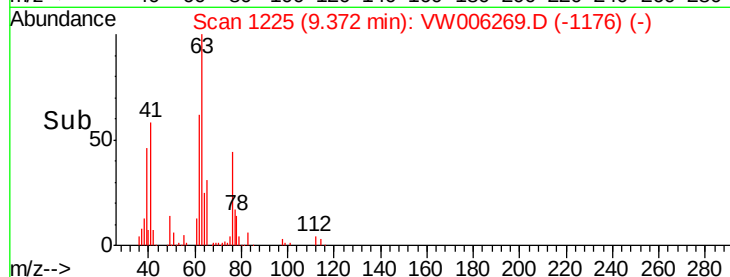
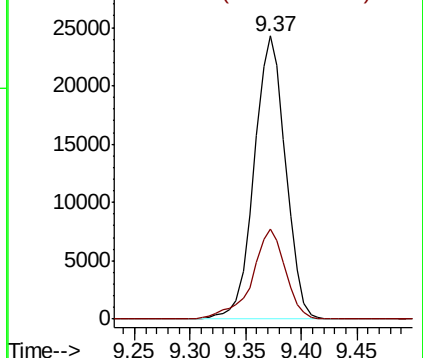
63 100

65 31.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 23.142 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

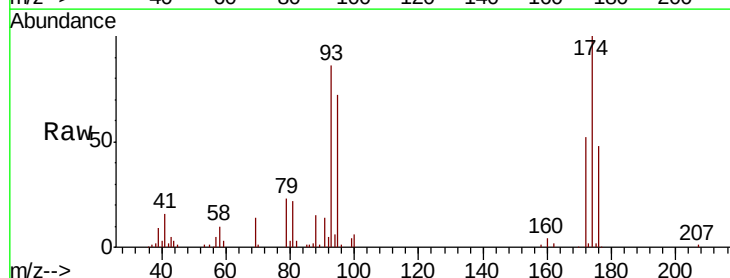
Tgt Ion: 93 Resp: 27688

Ion Ratio Lower Upper

93 100

95 83.2 67.7 101.5

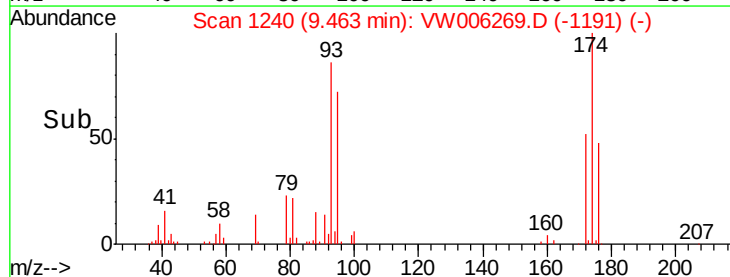
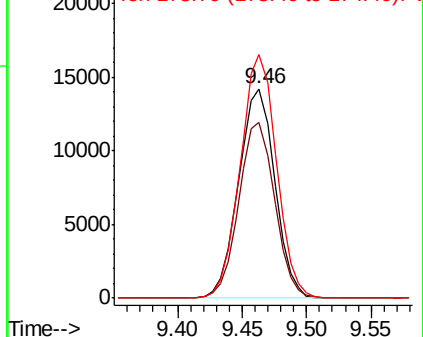
174 115.9 93.7 140.5

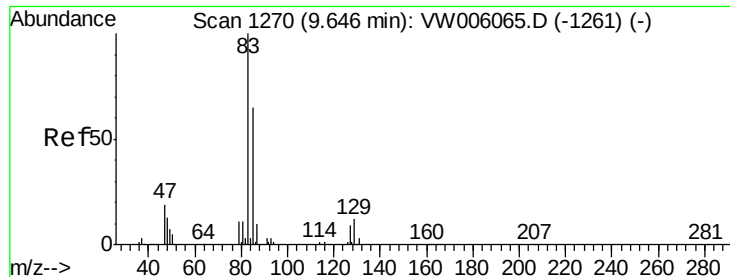


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.431 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

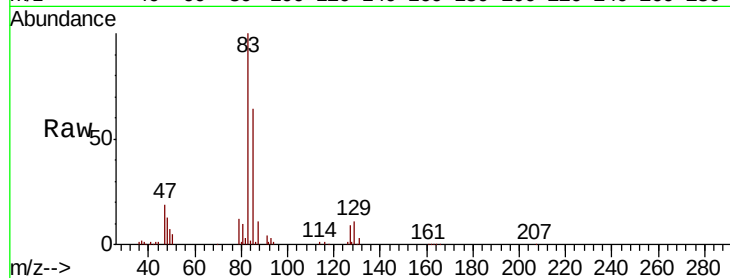
Tot Ion: 83 Resp: 62164

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.8

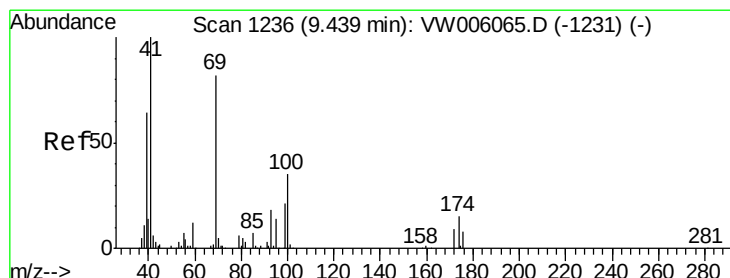
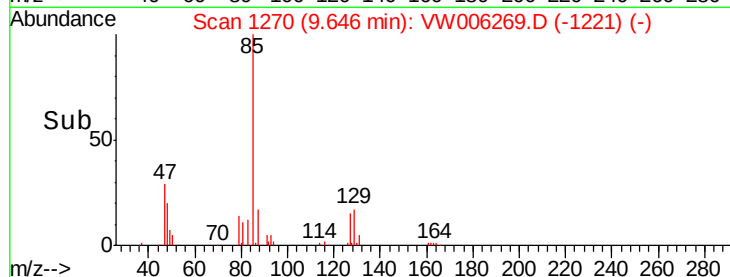
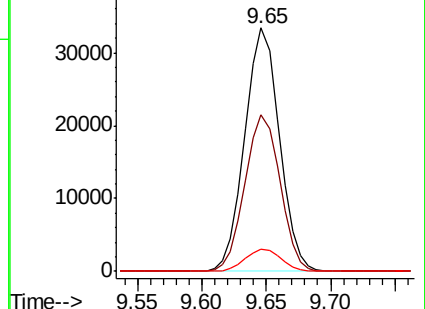
127 9.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 21.537 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

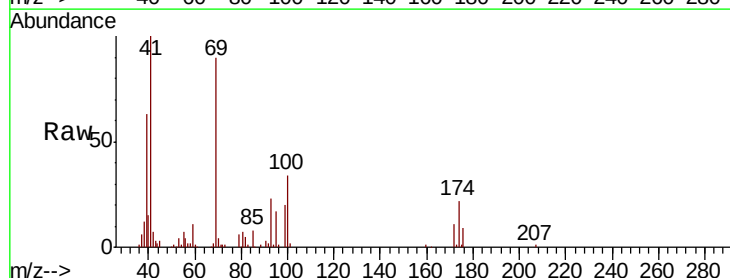
Tgt Ion: 41 Resp: 24802

Ion Ratio Lower Upper

41 100

69 95.0 71.8 107.8

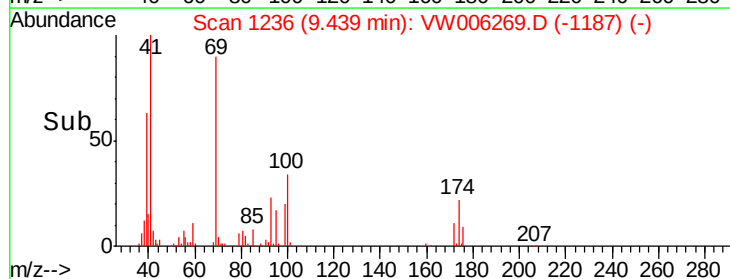
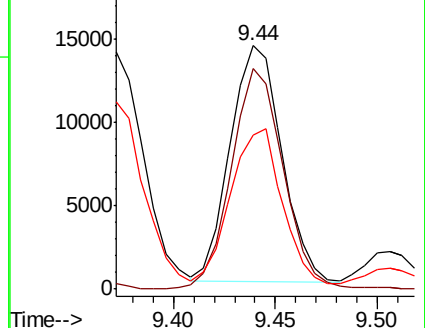
39 69.5 52.5 78.7

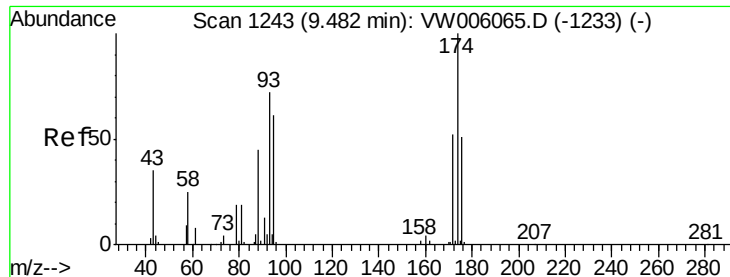


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

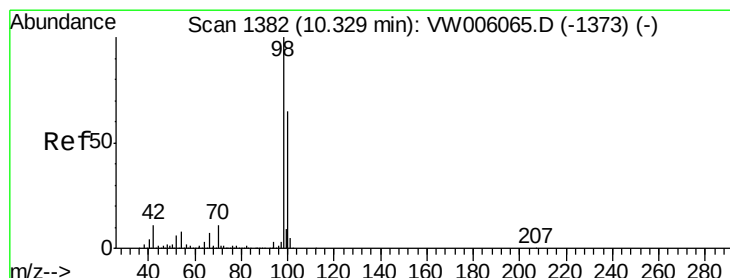
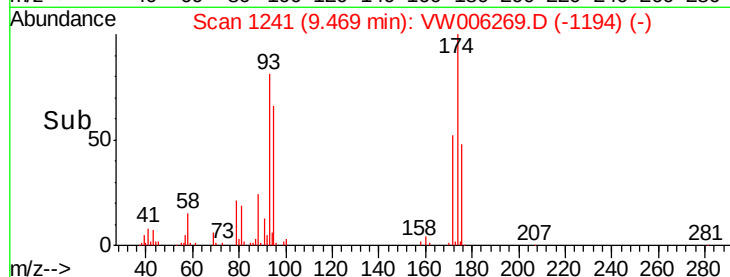
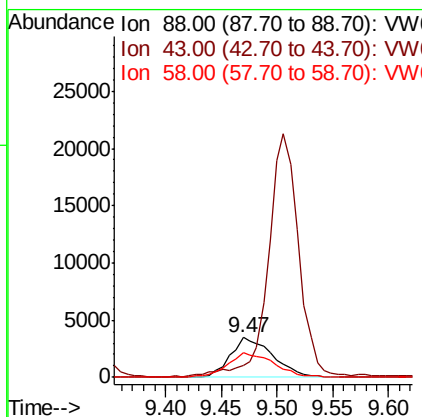
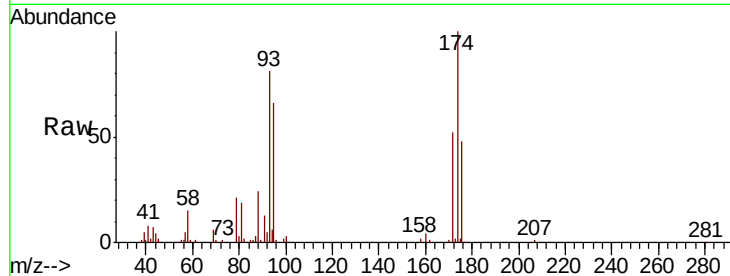




#49
1,4-Dioxane
Concen: 499.658 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

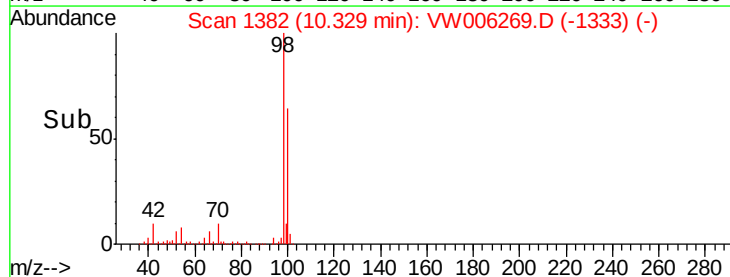
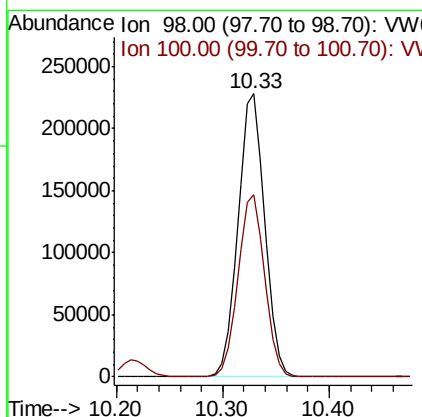
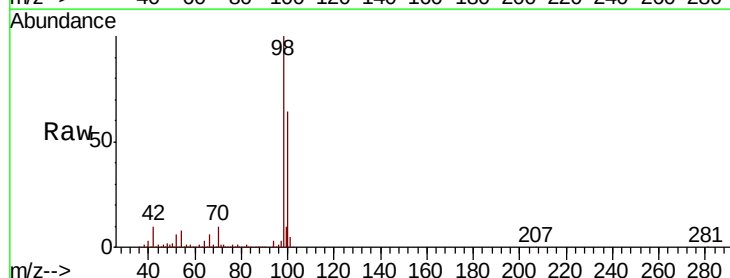
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

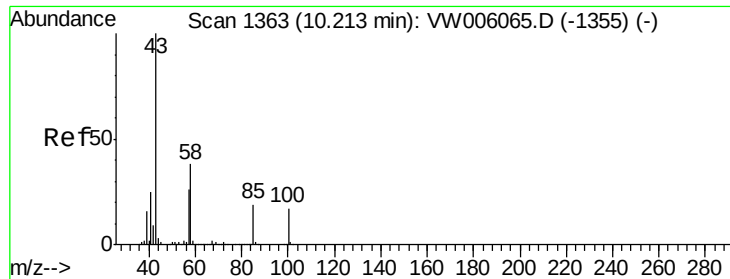
Tot Ion: 88 Resp: 9203
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 66.9 51.2 76.8



#50
Toluene-d8
Concen: 51.489 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 98 Resp: 401607
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

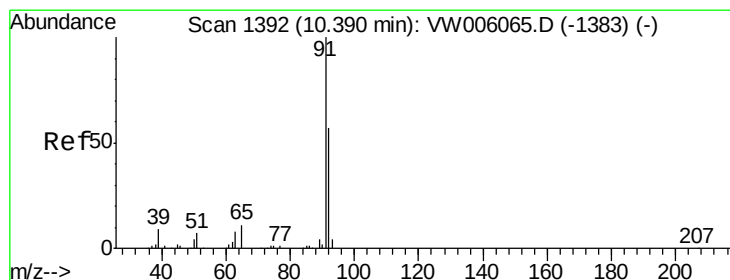
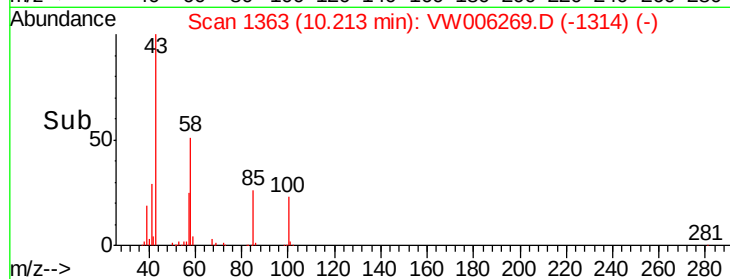
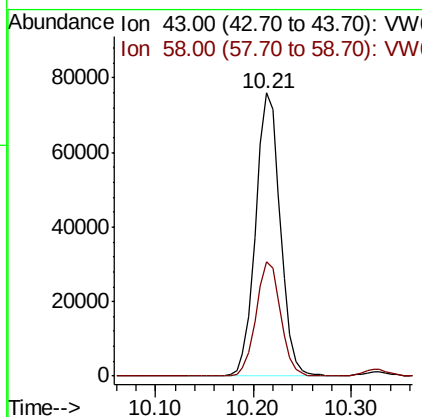
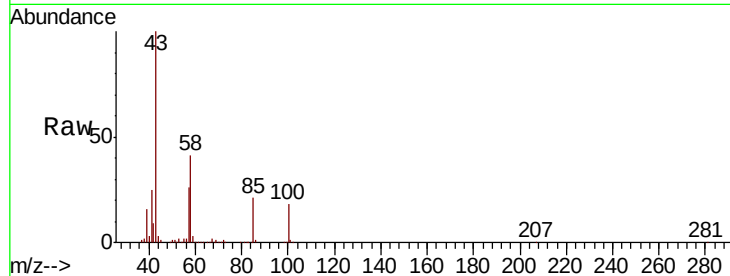




#51
 4-Methyl-2-Pentanone
 Concen: 109.954 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

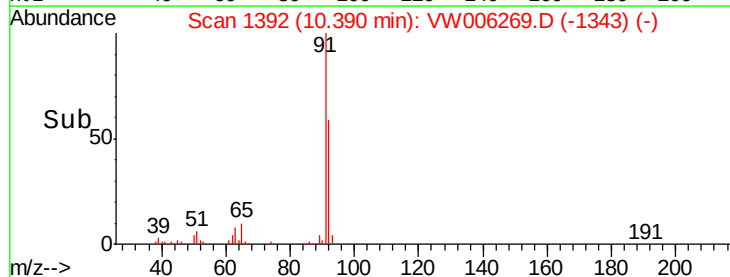
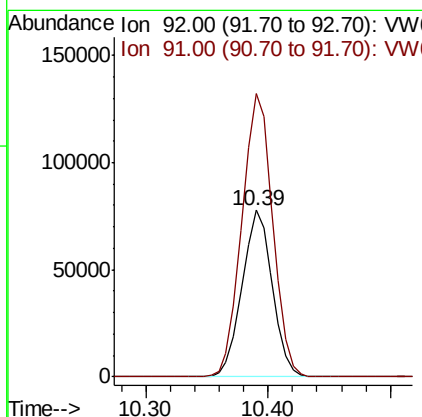
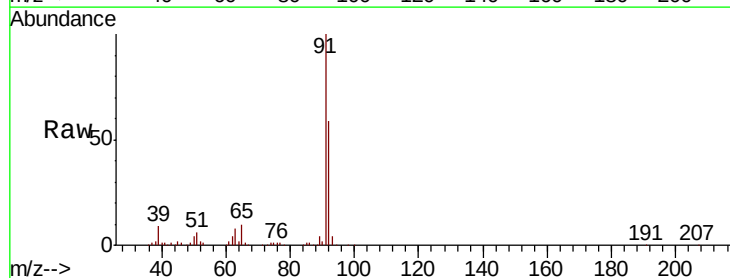
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

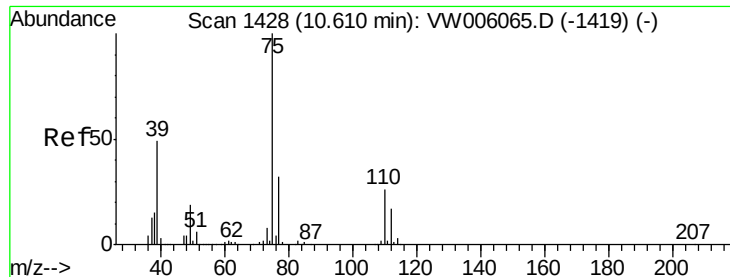
Tot Ion: 43 Resp: 133839
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.5 47.3



#52
 Toluene
 Concen: 22.637 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion: 92 Resp: 133131
 Ion Ratio Lower Upper
 92 100
 91 173.4 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 20.618 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

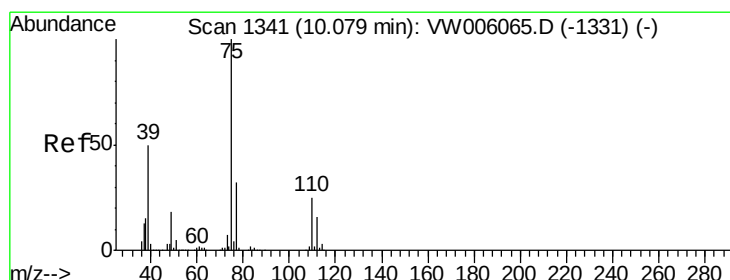
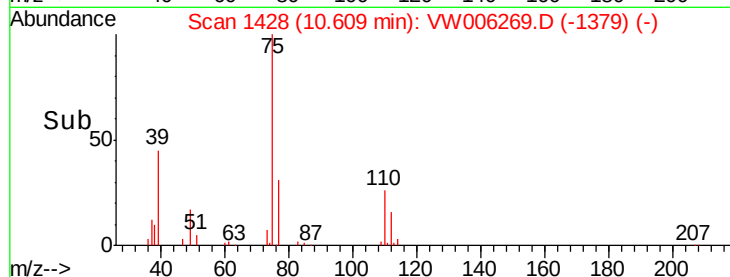
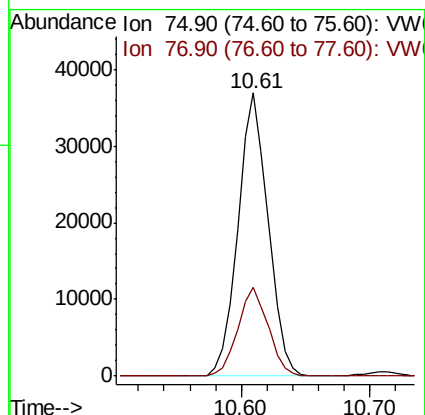
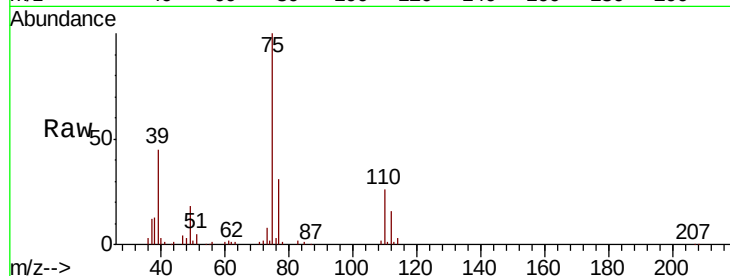
VW1022SBS02

Tot Ion: 75 Resp: 59587

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.160 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

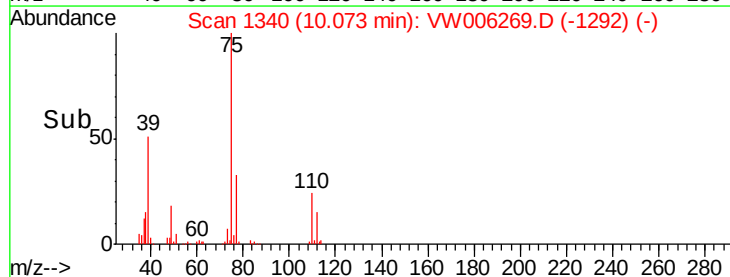
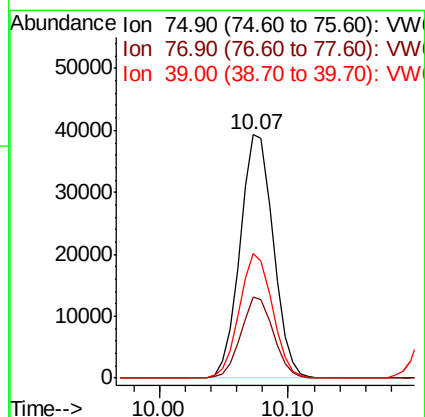
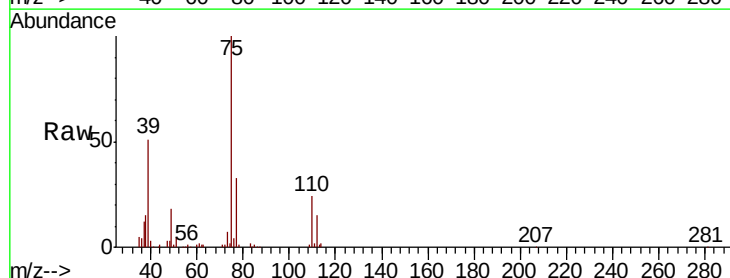
Tgt Ion: 75 Resp: 70185

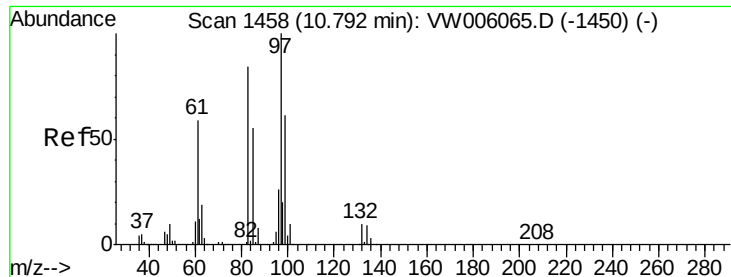
Ion Ratio Lower Upper

75 100

77 33.1 25.2 37.8

39 51.0 39.9 59.9

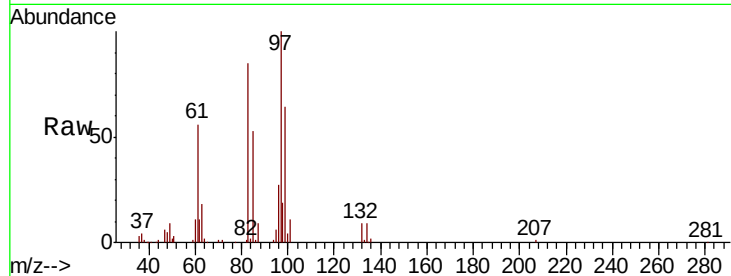




#55
 1,1,2-Trichloroethane
 Concen: 23.204 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.2	100.8
85	53.1	43.7	65.5
99	63.7	48.5	72.7



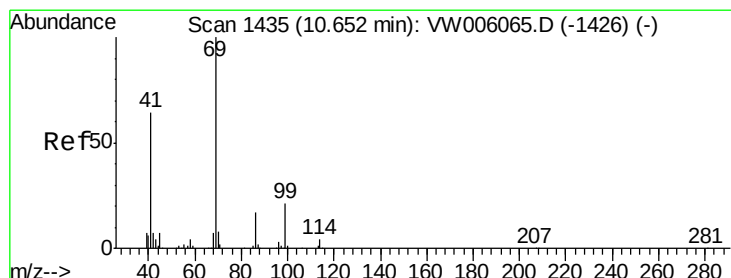
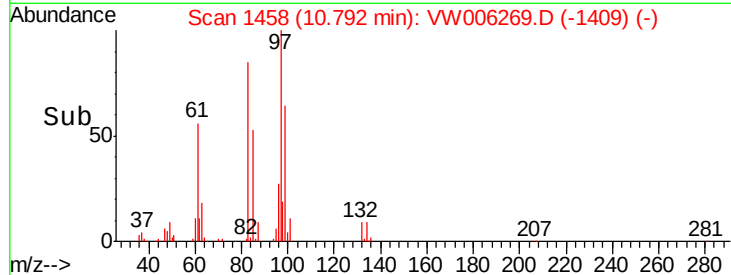
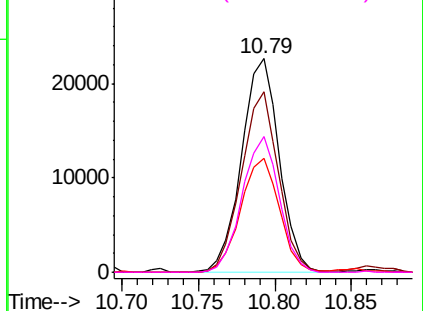
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

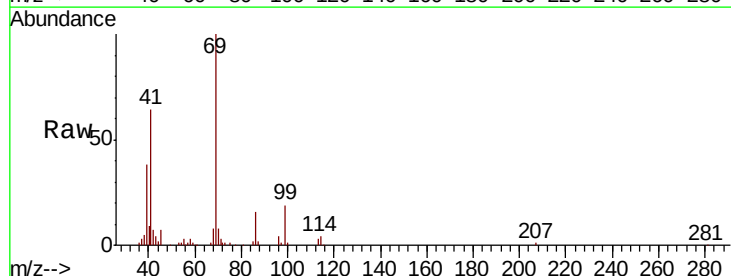
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.726 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.8	79.2
39	36.8	30.6	45.8

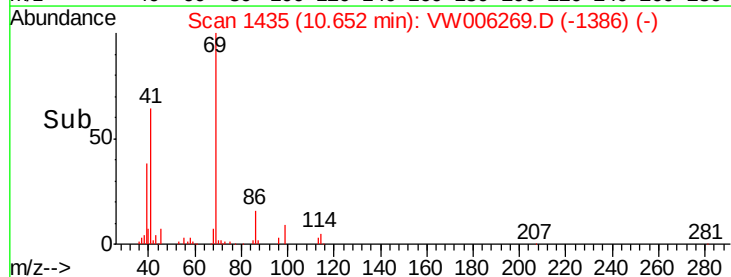
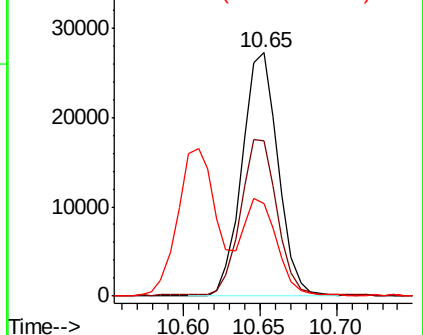


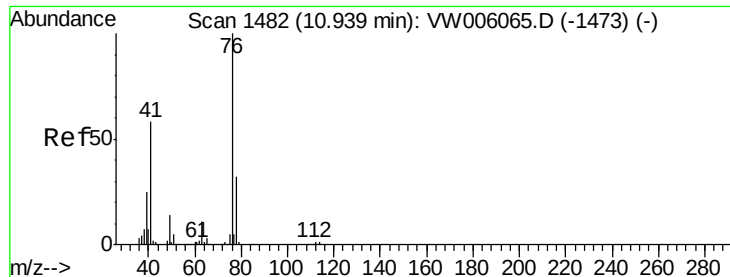
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

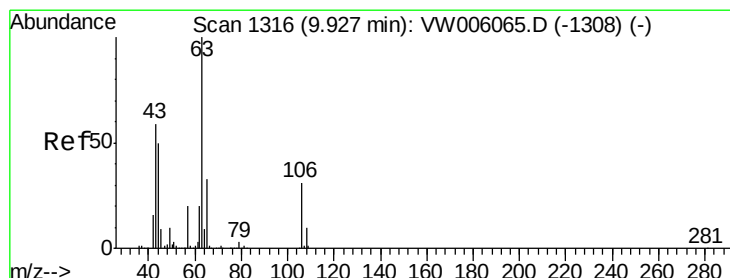
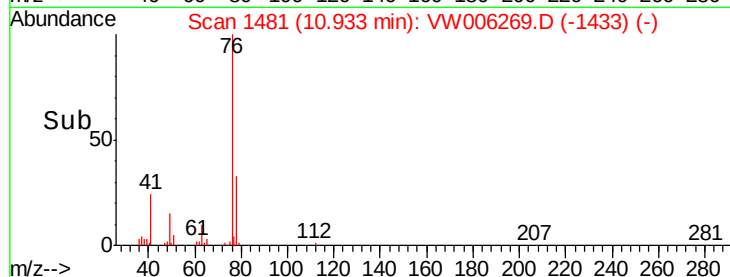
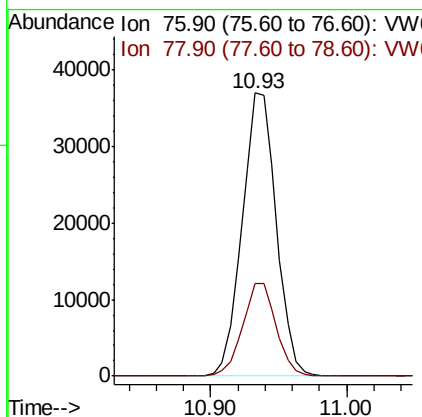
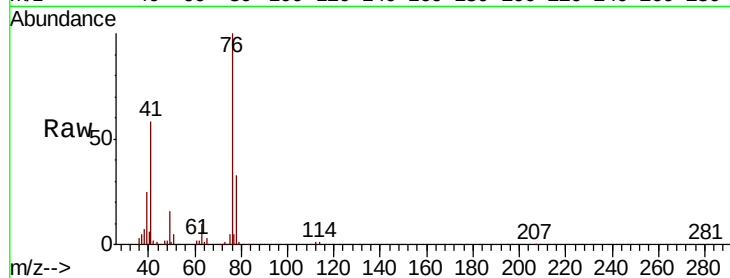




#57
 1,3-Dichloropropane
 Concen: 23.355 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

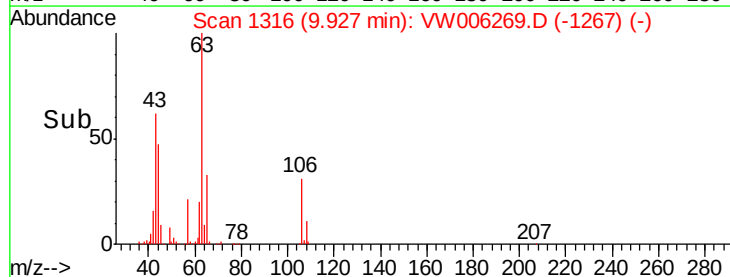
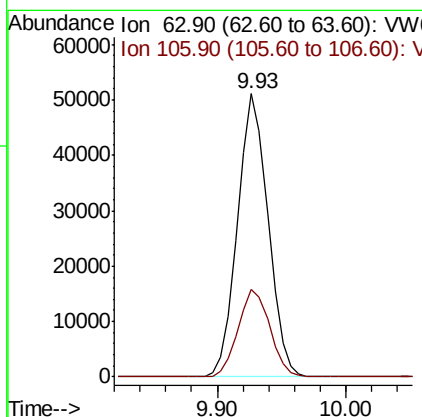
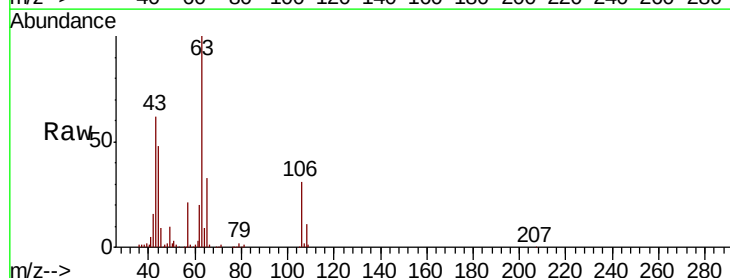
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

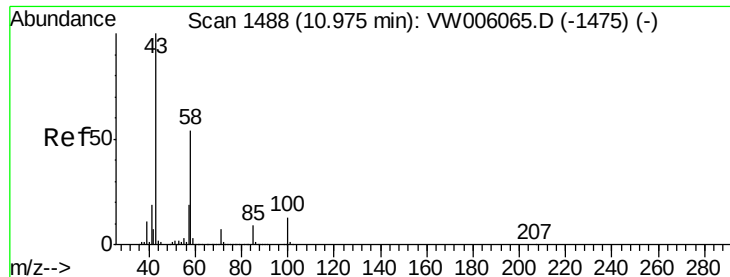
Tot Ion: 76 Resp: 64730
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.367 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion: 63 Resp: 84207
 Ion Ratio Lower Upper
 63 100
 106 32.1 24.5 36.7





#59

2-Hexanone

Concen: 105.296 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

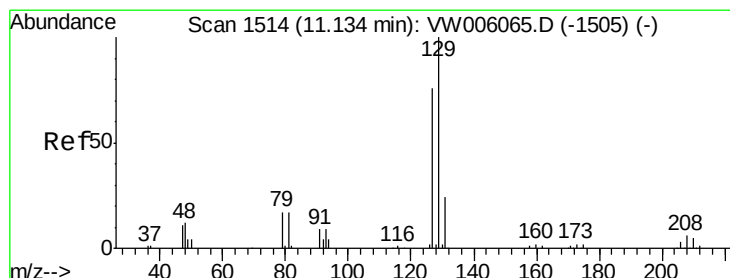
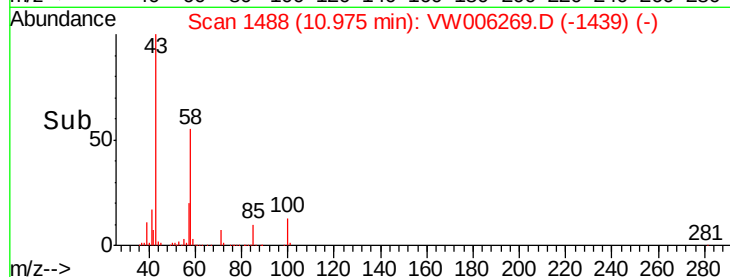
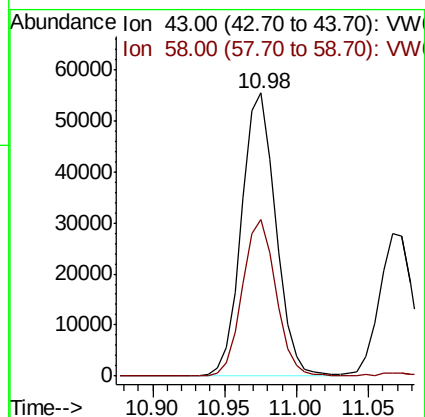
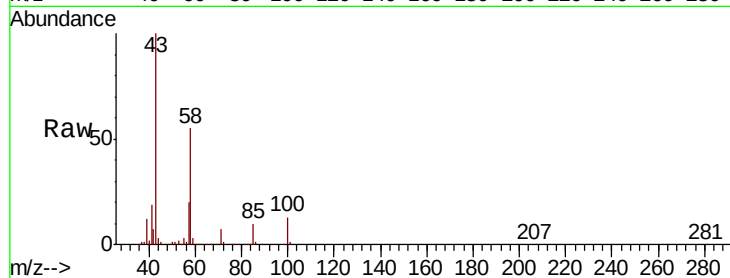
VW1022SBS02

Tot Ion: 43 Resp: 91492

Ion Ratio Lower Upper

43 100

58 54.3 26.9 80.6



#60

Dibromochloromethane

Concen: 21.013 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW006269.D

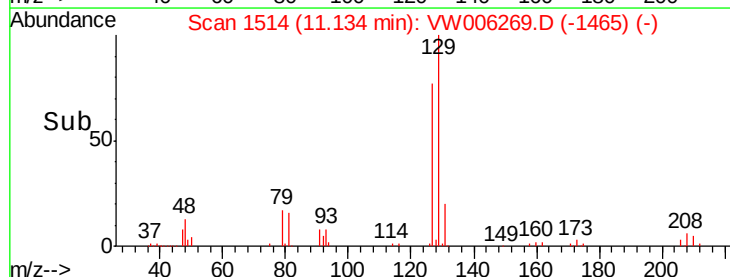
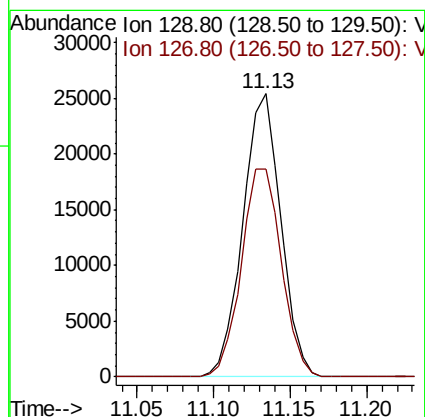
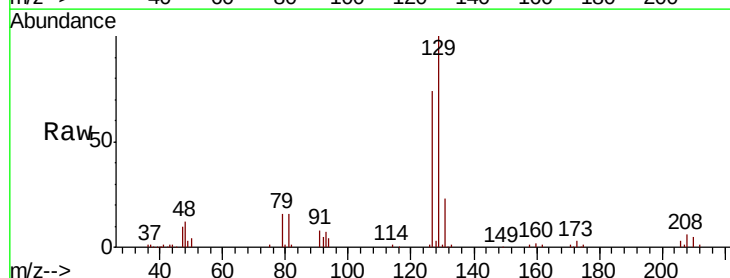
Acq: 23 Oct 2018 01:03

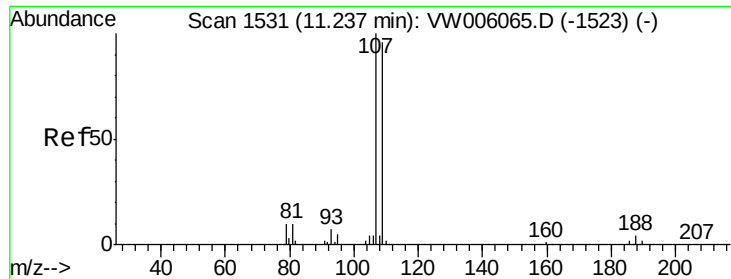
Tgt Ion:129 Resp: 43822

Ion Ratio Lower Upper

129 100

127 77.7 38.6 115.7

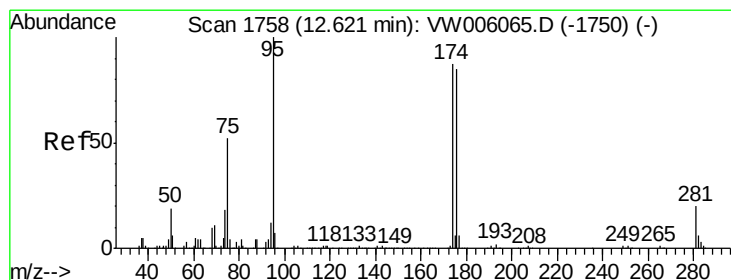
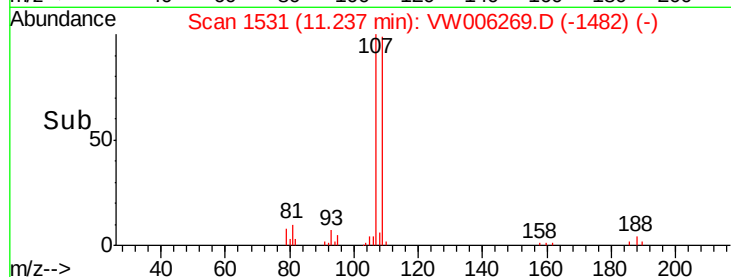
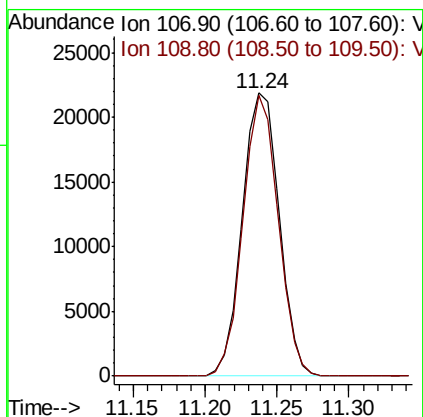
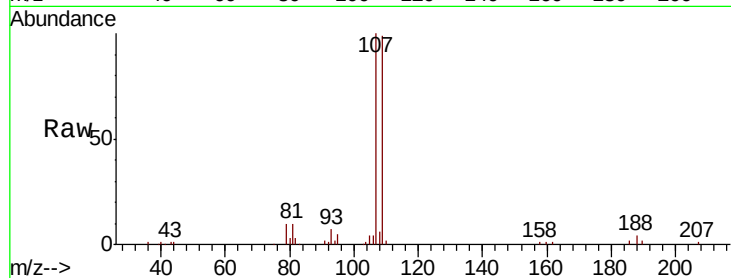




#61
 1,2-Dibromoethane
 Concen: 23.183 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

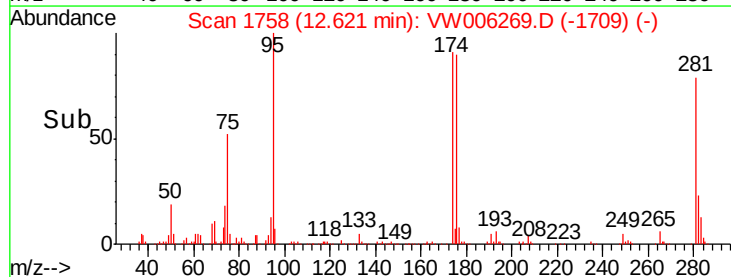
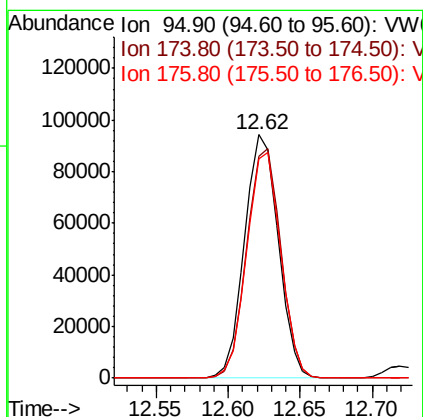
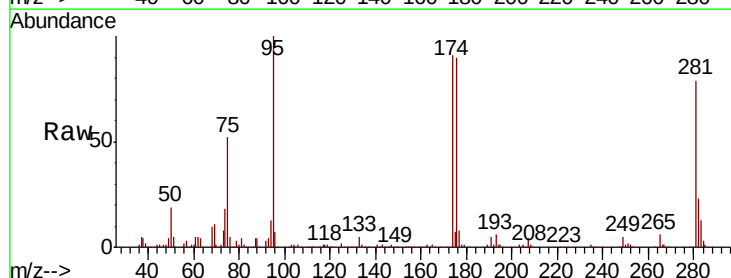
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

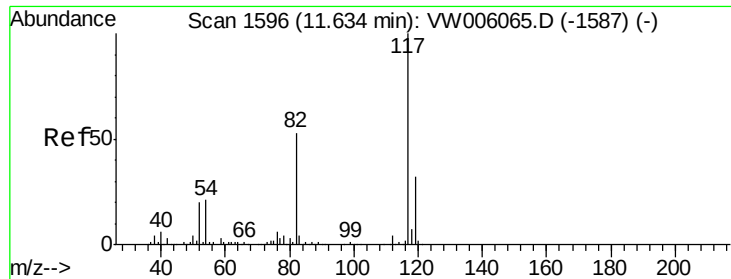
Tot Ion:107 Resp: 38783
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 52.432 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion: 95 Resp: 153603
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 186.0
 176 92.7 0.0 181.6

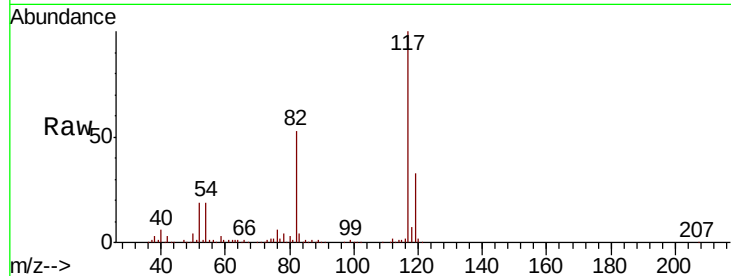




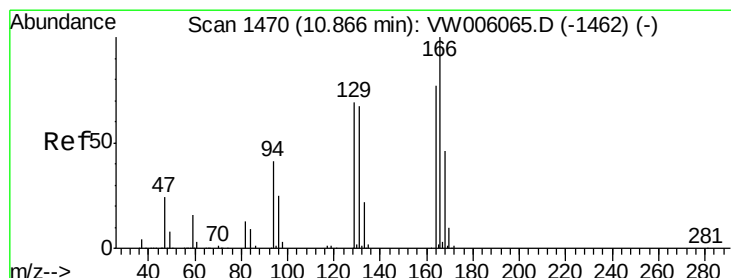
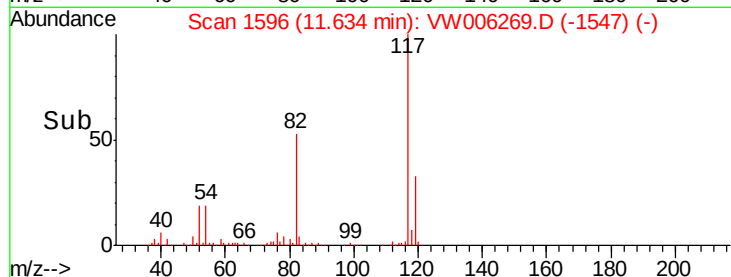
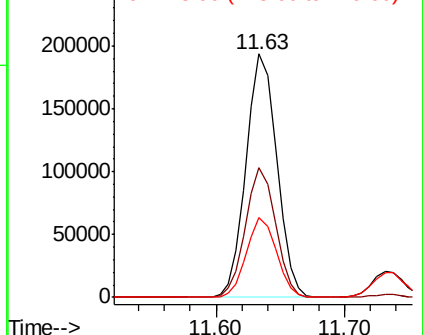
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion:117 Resp: 319688
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 33.0 25.8 38.6

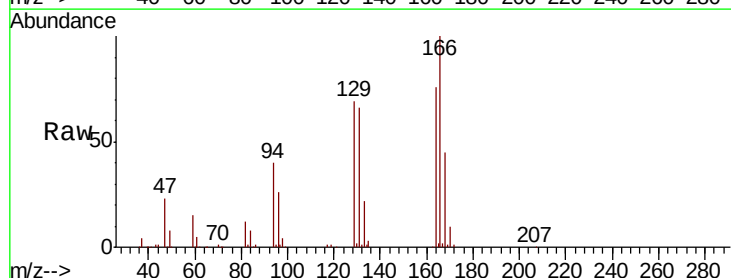


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

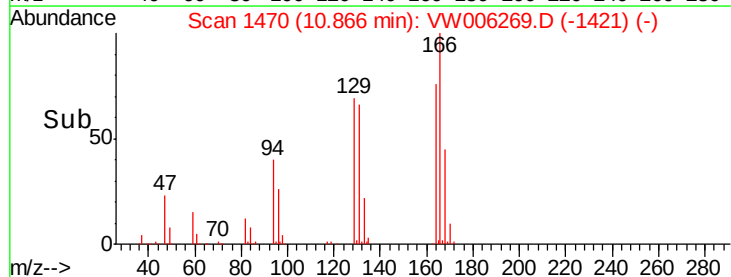
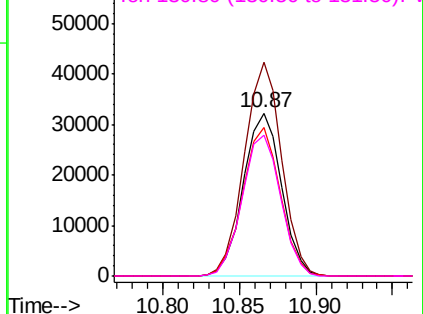


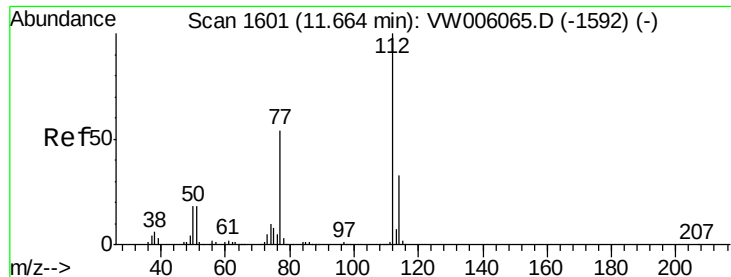
#64
Tetrachloroethene
Concen: 22.512 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion:164 Resp: 55870
Ion Ratio Lower Upper
164 100
166 130.9 103.4 155.0
129 90.9 71.8 107.8
131 86.4 69.5 104.3



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: 22.629 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

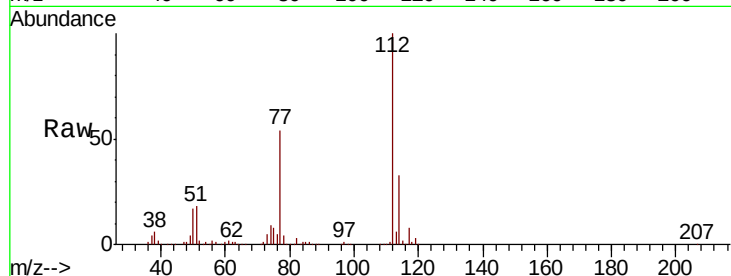
VW1022SBS02

Tot Ion:112 Resp: 154862

Ion Ratio Lower Upper

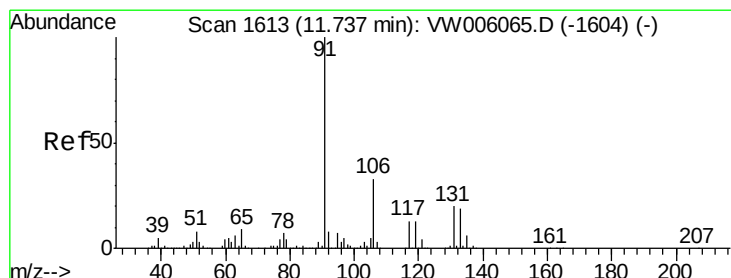
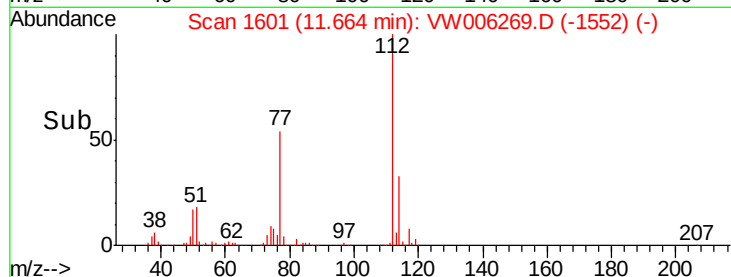
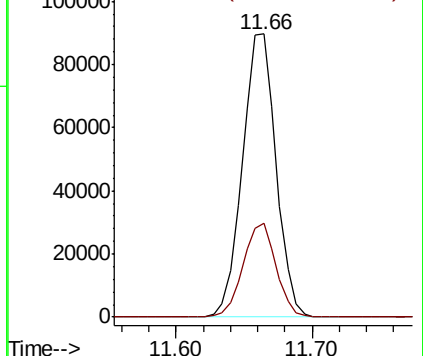
112 100

114 33.3 26.2 39.2



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: 21.966 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

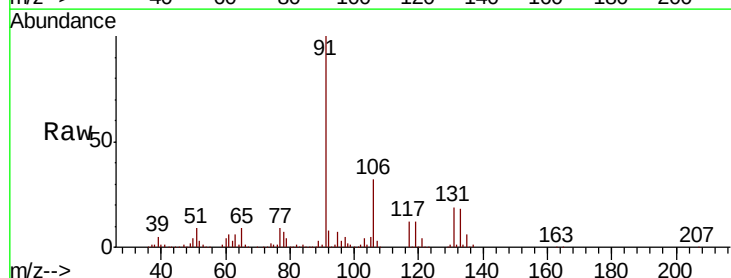
Tgt Ion:131 Resp: 53422

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.3

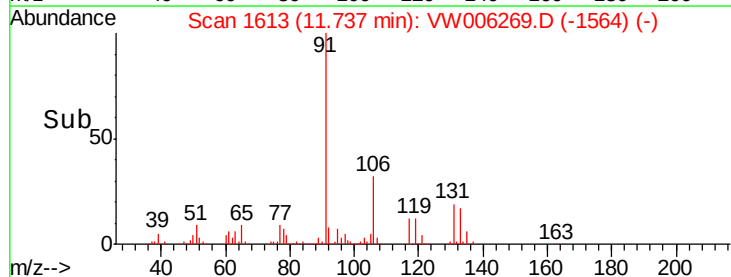
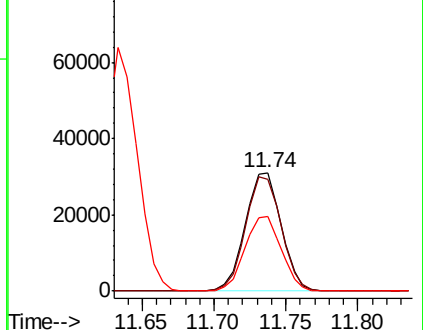
119 63.6 31.6 94.7

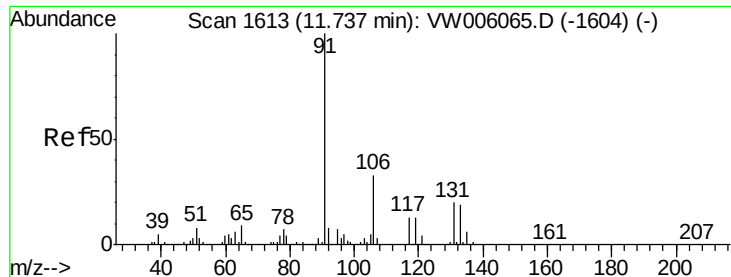


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

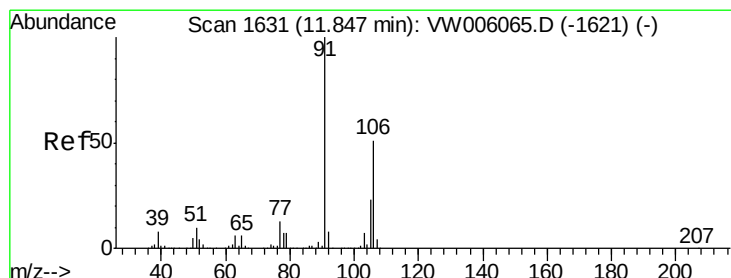
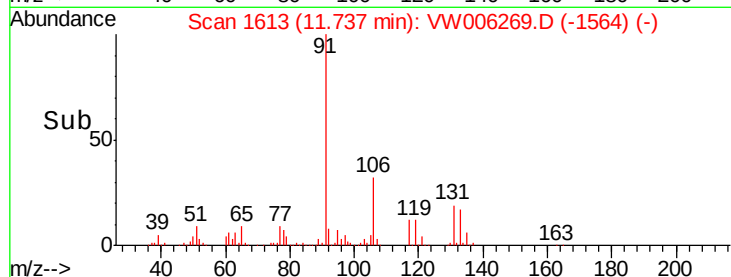
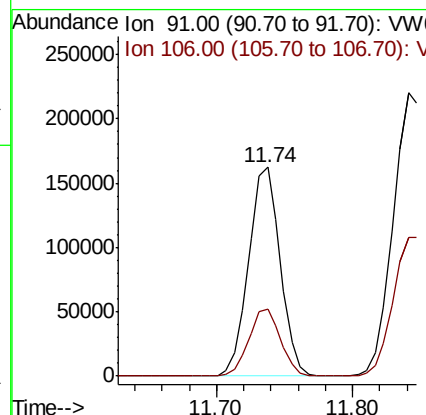
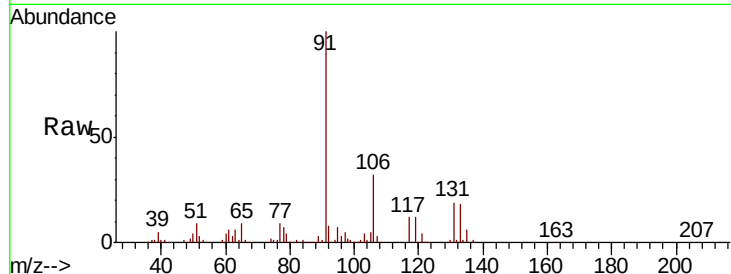




#67
Ethyl Benzene
Concen: 22.302 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

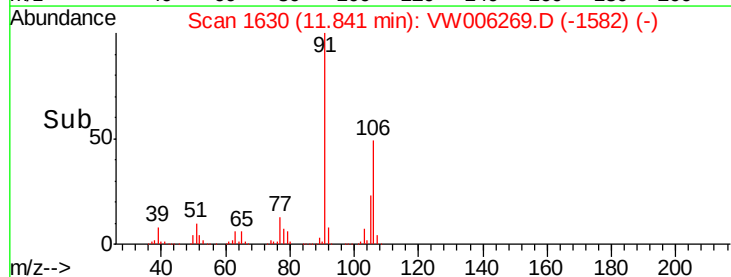
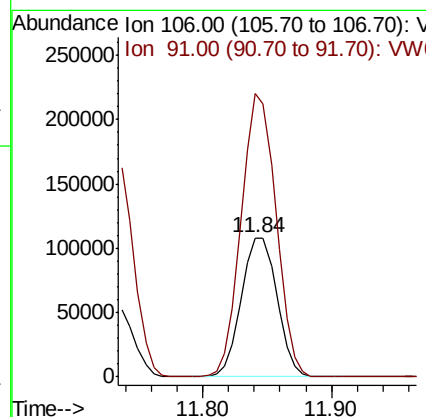
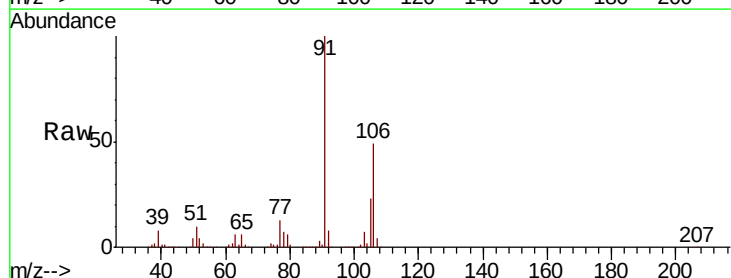
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

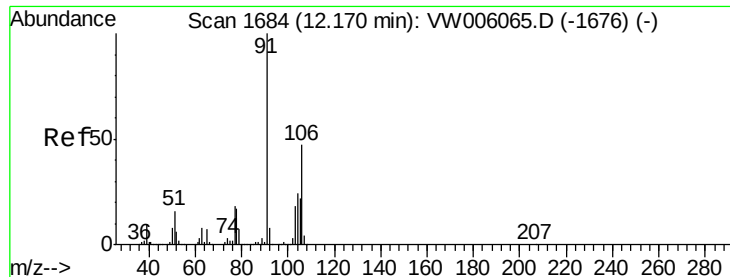
Tot Ion: 91 Resp: 264505
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1



#68
m/p-Xylenes
Concen: 44.388 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 106 Resp: 208082
Ion Ratio Lower Upper
106 100
91 198.4 159.1 238.7

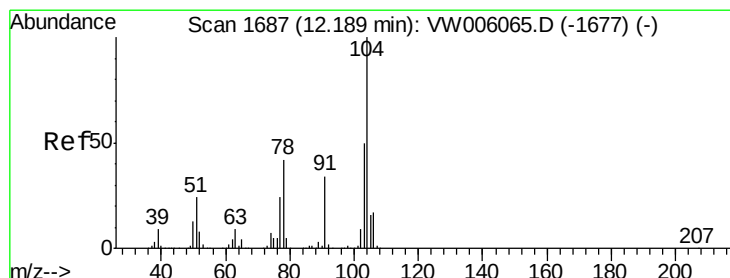
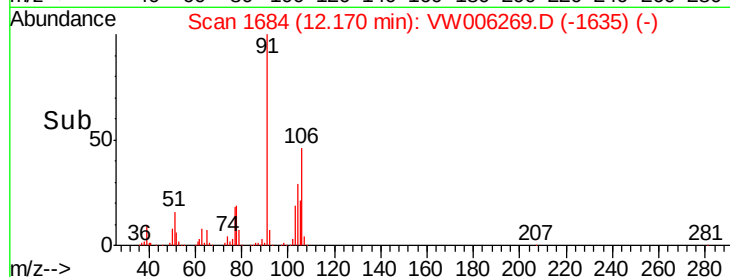
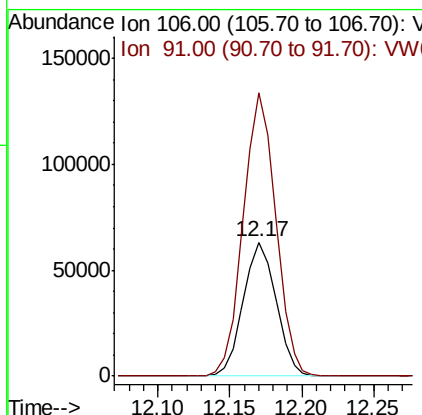
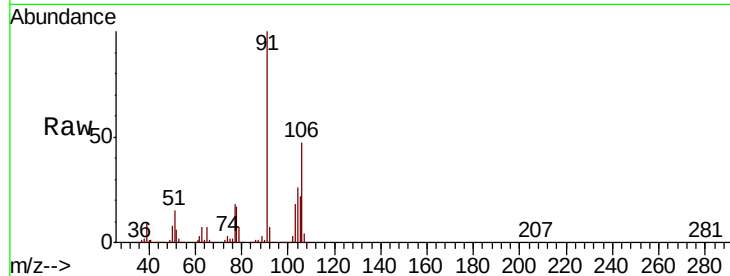




#69
o-Xylene
Concen: 22.399 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

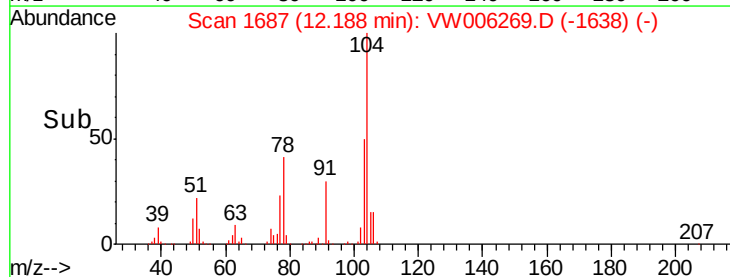
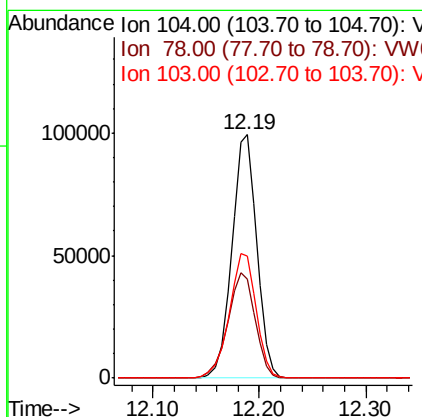
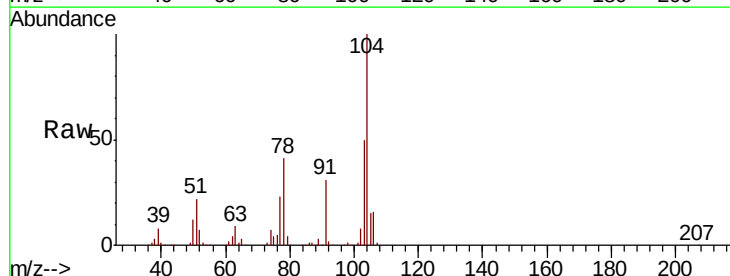
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

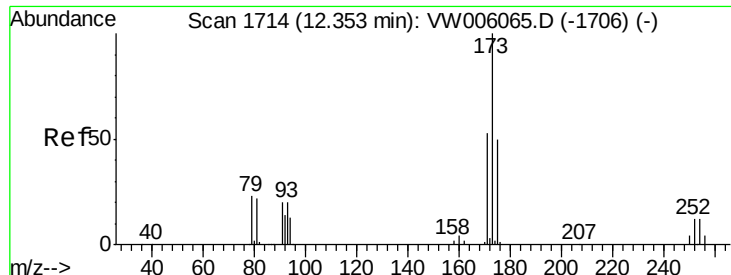
Tot Ion:106 Resp: 100070
Ion Ratio Lower Upper
106 100
91 209.1 105.4 316.1



#70
Styrene
Concen: 22.376 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion:104 Resp: 162557
Ion Ratio Lower Upper
104 100
78 47.7 39.1 58.7
103 55.1 44.3 66.5





#71

Bromoform

Concen: 19.915 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

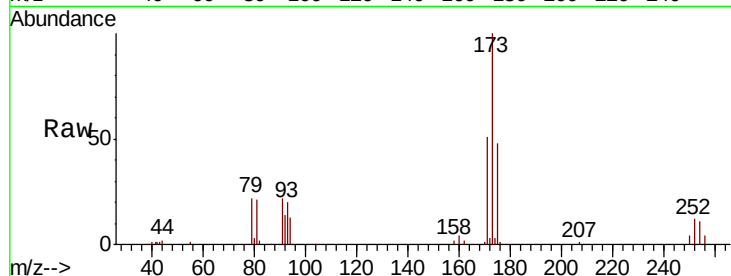
Tot Ion:173 Resp: 27016

Ion Ratio Lower Upper

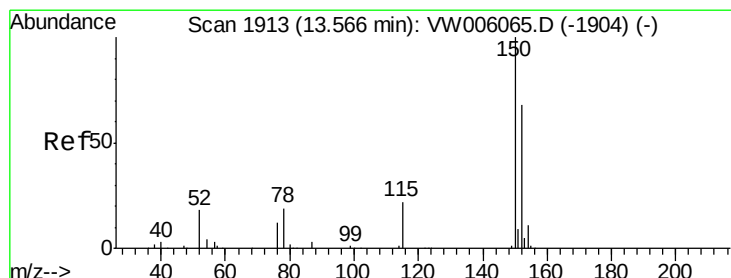
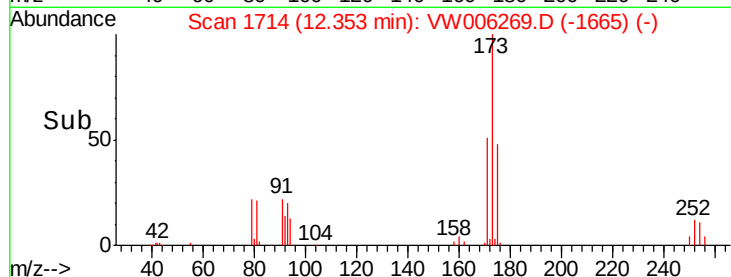
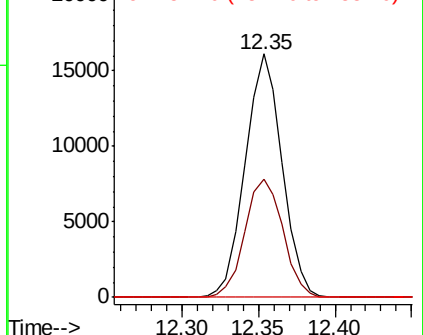
173 100

175 50.1 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

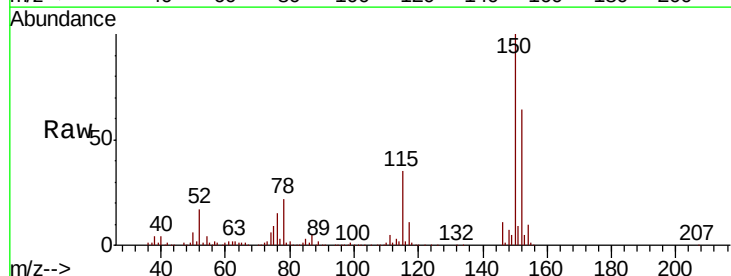
Tgt Ion:152 Resp: 180144

Ion Ratio Lower Upper

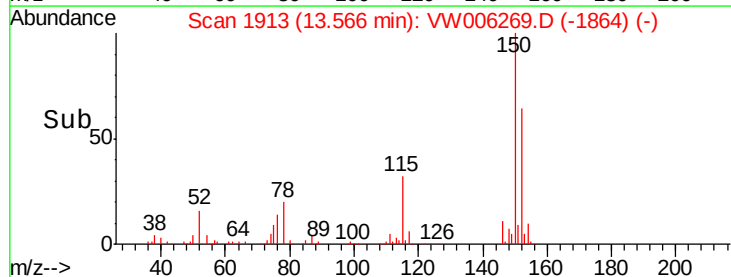
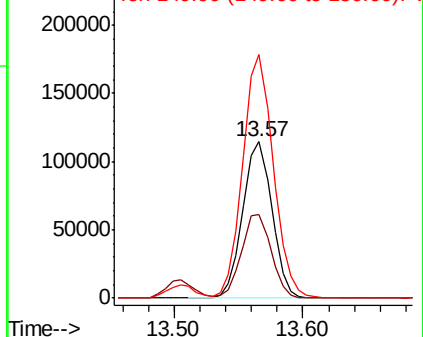
152 100

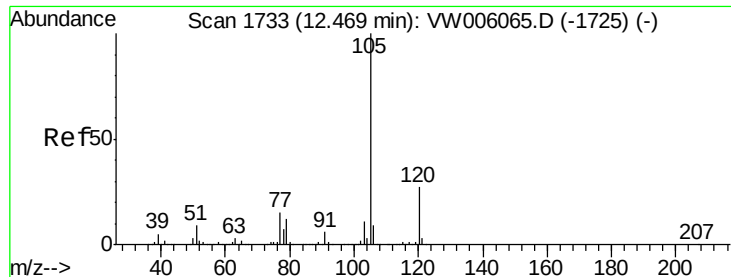
115 54.4 27.8 83.3

150 162.6 0.0 349.2



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: 21.660 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

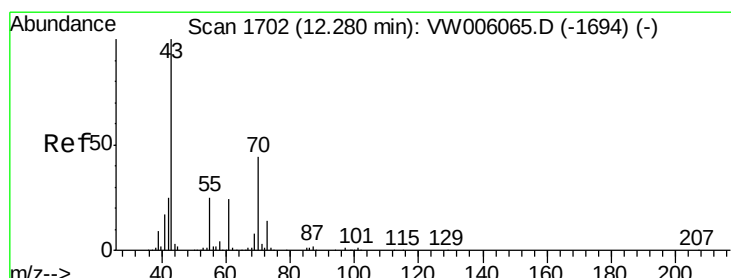
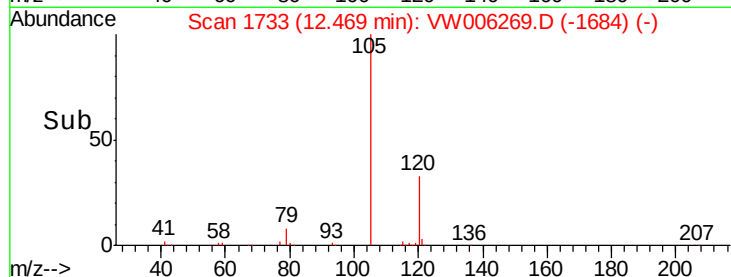
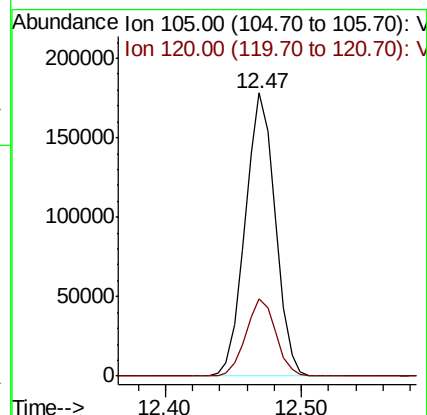
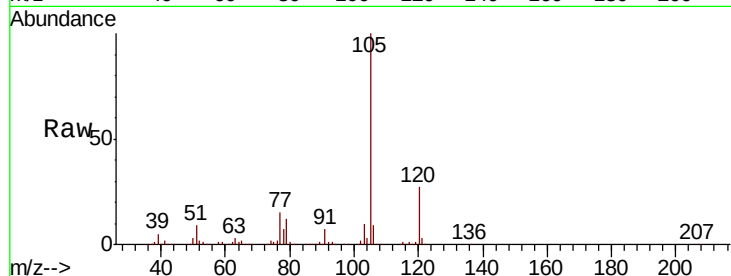
VW1022SBS02

Tot Ion:105 Resp: 275654

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 20.241 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion: 43 Resp: 50034

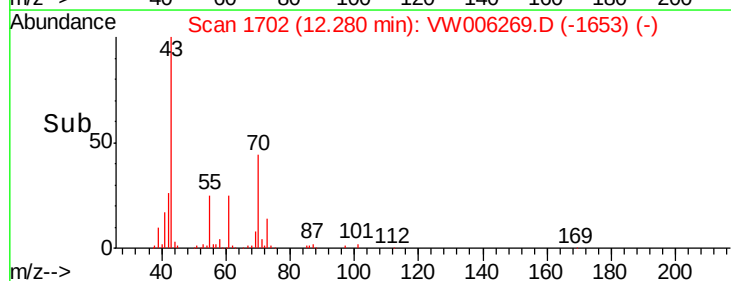
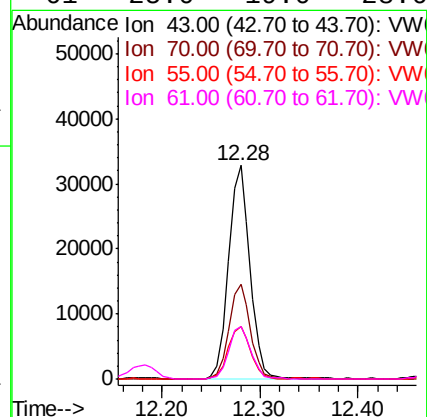
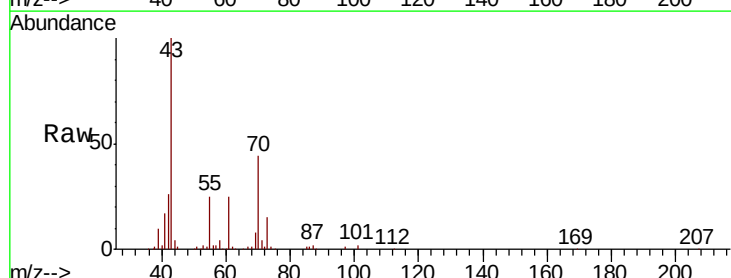
Ion Ratio Lower Upper

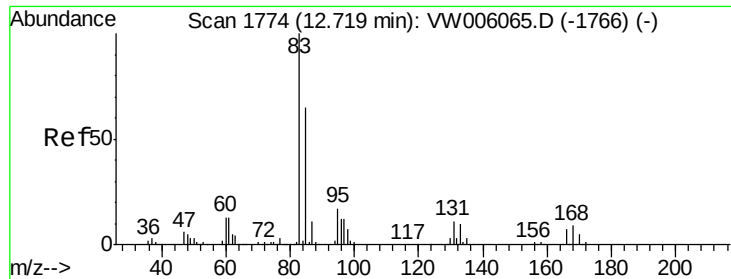
43 100

70 43.8 34.2 51.4

55 25.6 19.2 28.8

61 25.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.085 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

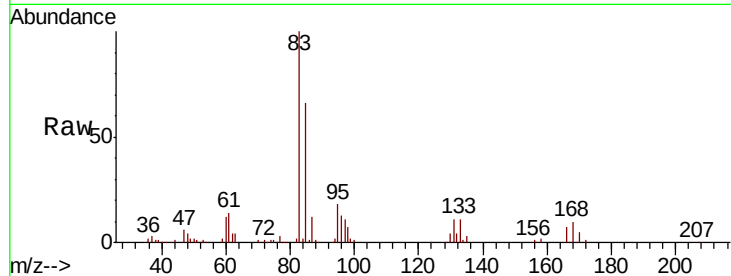
Tot Ion: 83 Resp: 44685

Ion Ratio Lower Upper

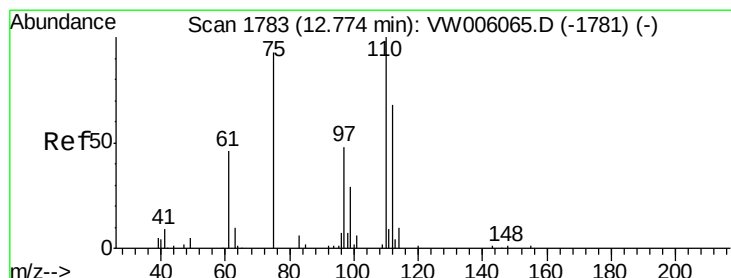
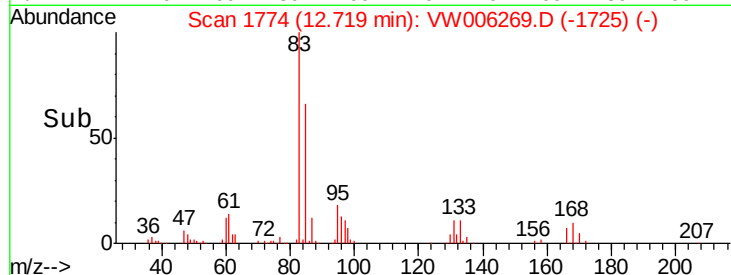
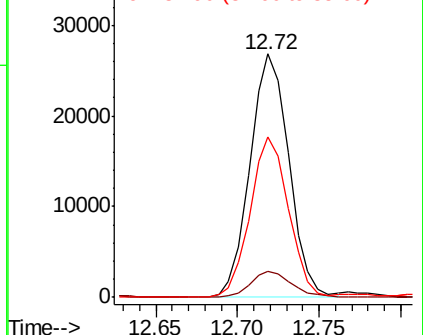
83 100

131 11.6 5.9 17.7

85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 40.125 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006269.D

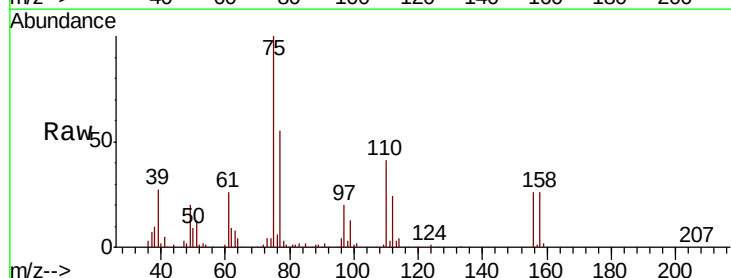
Acq: 23 Oct 2018 01:03

Tgt Ion: 75 Resp: 55210

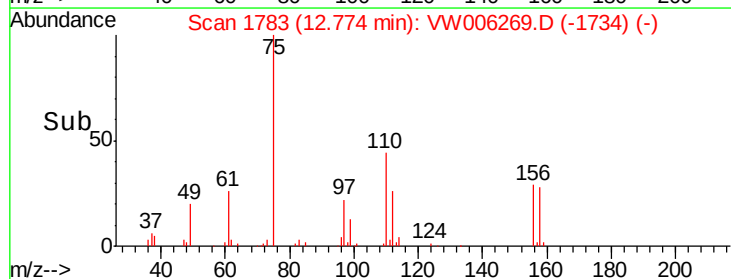
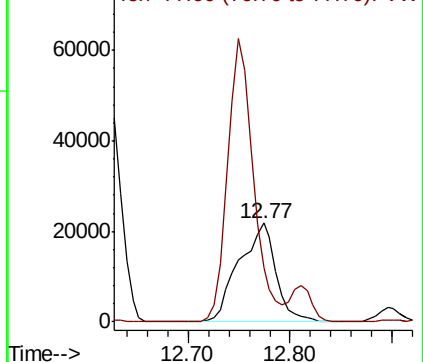
Ion Ratio Lower Upper

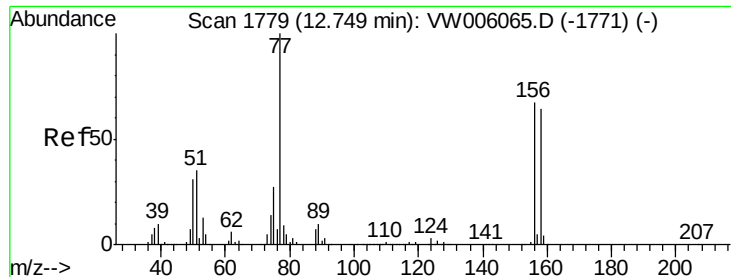
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.471 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

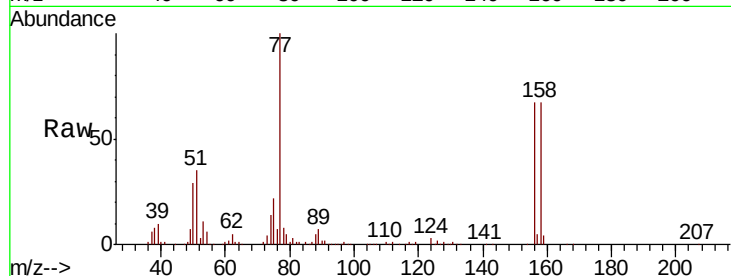
Tot Ion:156 Resp: 70045

Ion Ratio Lower Upper

156 100

77 157.0 79.1 237.4

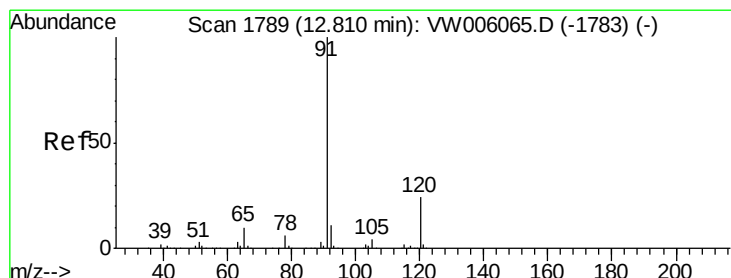
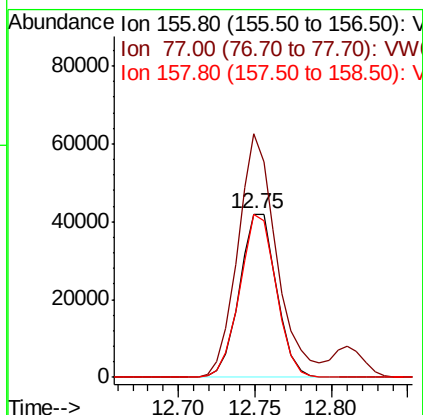
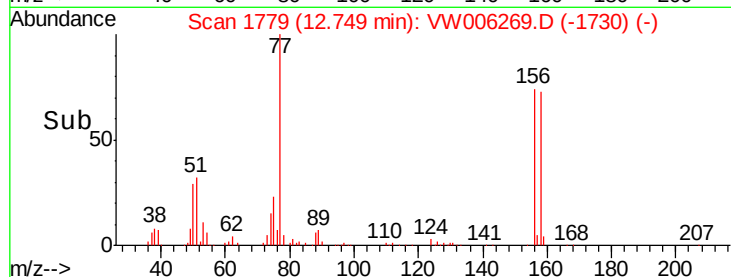
158 98.1 48.5 145.6



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: 21.775 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006269.D

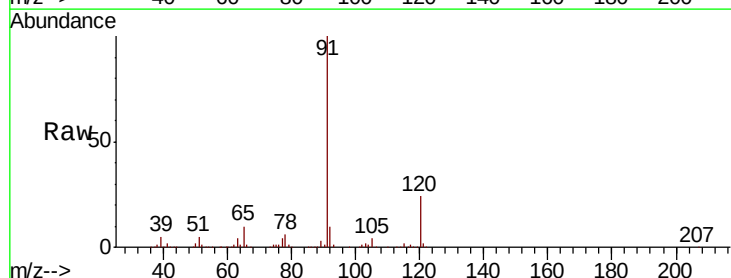
Acq: 23 Oct 2018 01:03

Tgt Ion: 91 Resp: 322412

Ion Ratio Lower Upper

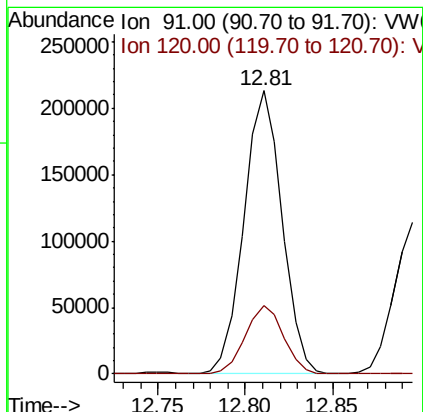
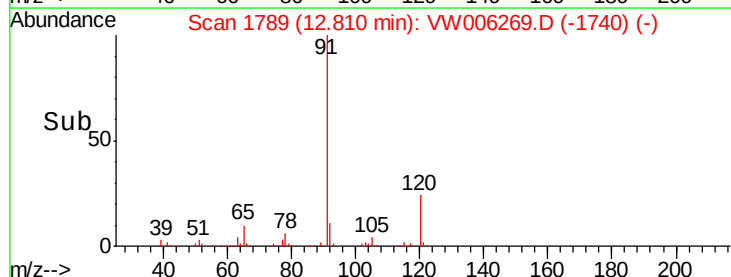
91 100

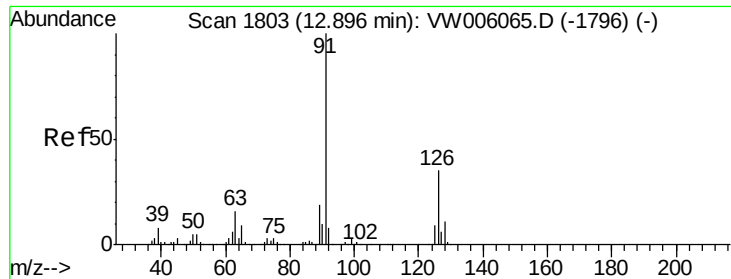
120 24.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.261 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

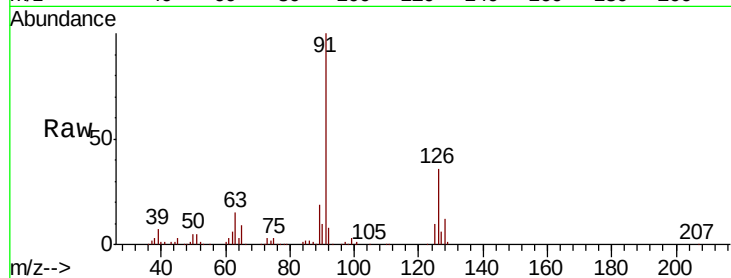
VW1022SBS02

Tot Ion: 91 Resp: 185193

Ion Ratio Lower Upper

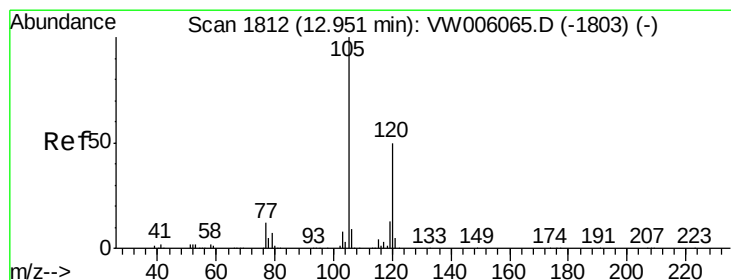
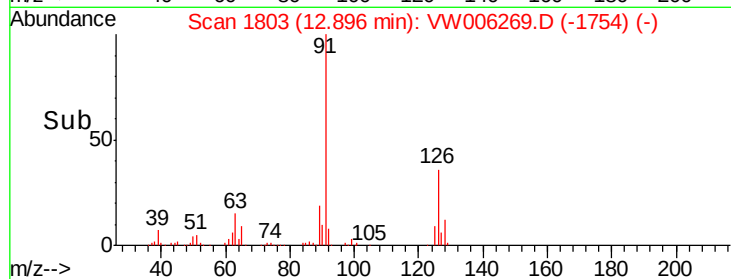
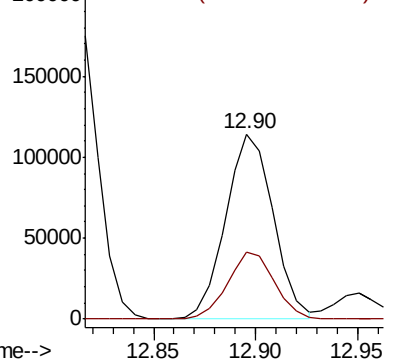
91 100

126 35.9 17.9 53.8



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: 21.708 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006269.D

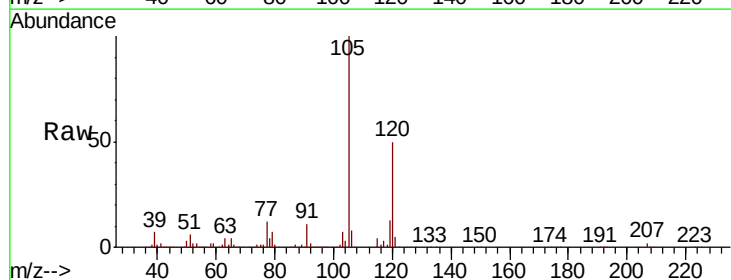
Acq: 23 Oct 2018 01:03

Tgt Ion:105 Resp: 232905

Ion Ratio Lower Upper

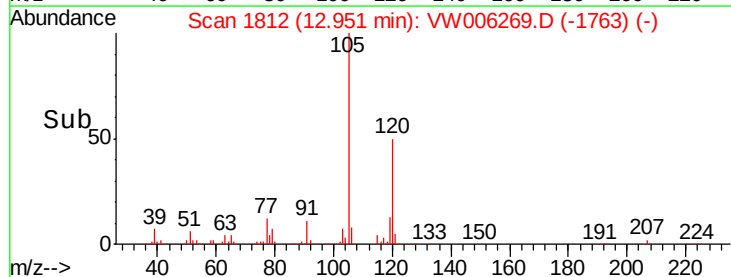
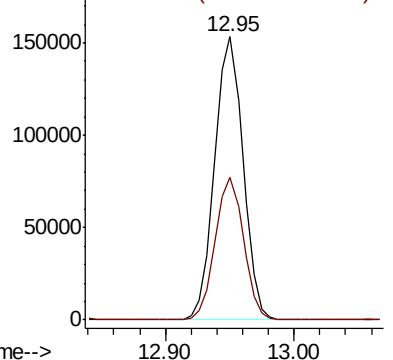
105 100

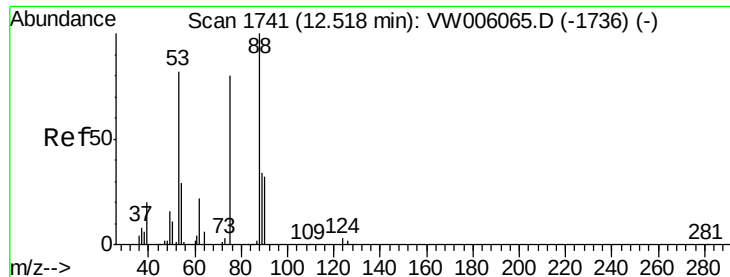
120 50.2 24.9 74.6



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: 17.802 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

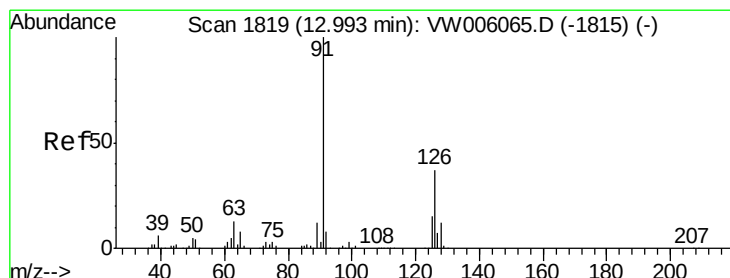
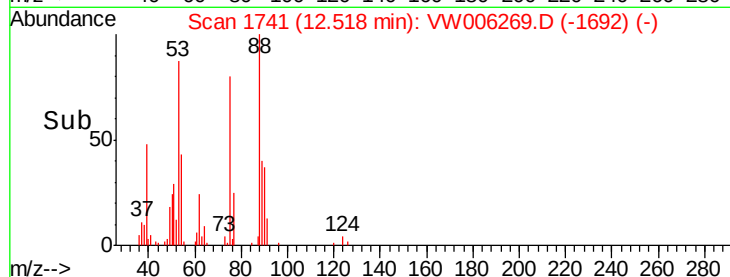
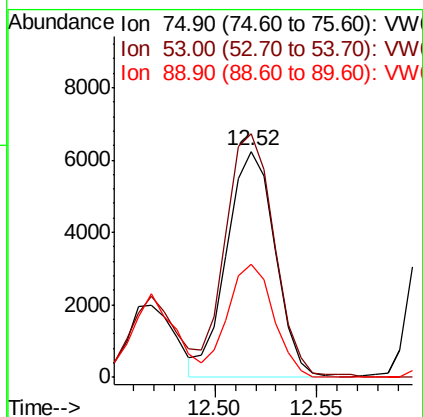
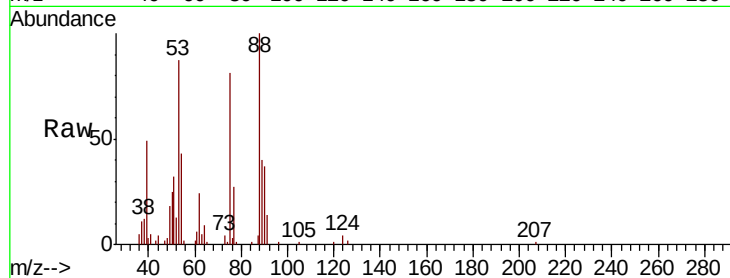
Tot Ion: 75 Resp: 10247

Ion Ratio Lower Upper

75 100

53 108.1 79.8 119.6

89 47.4 37.5 56.3



#82

4-Chlorotoluene

Concen: 22.377 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006269.D

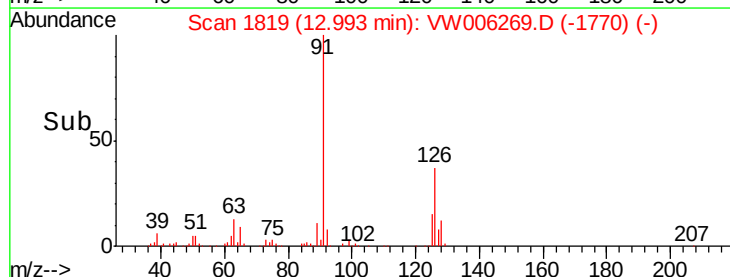
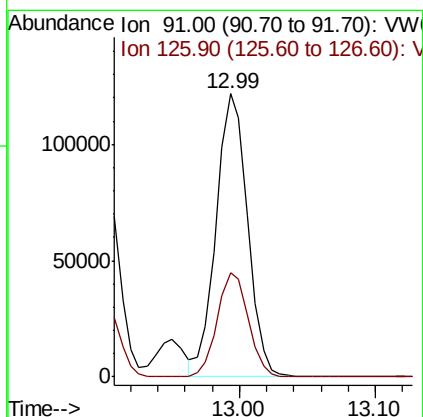
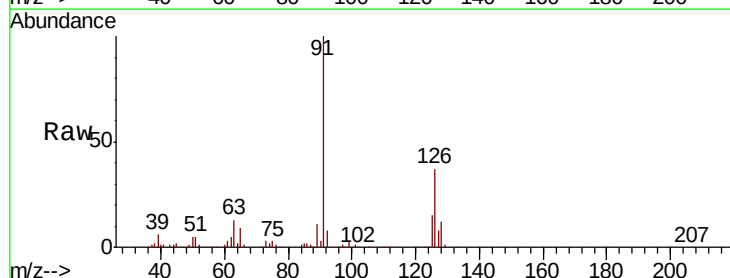
Acq: 23 Oct 2018 01:03

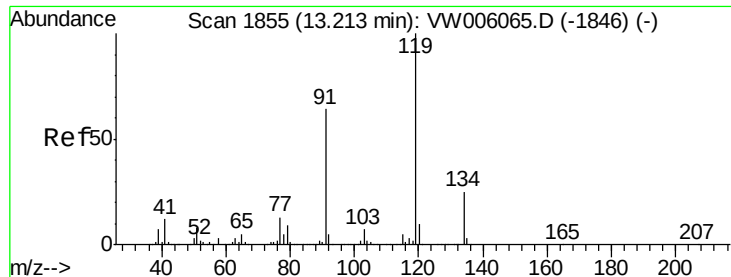
Tgt Ion: 91 Resp: 195004

Ion Ratio Lower Upper

91 100

126 36.5 18.1 54.3

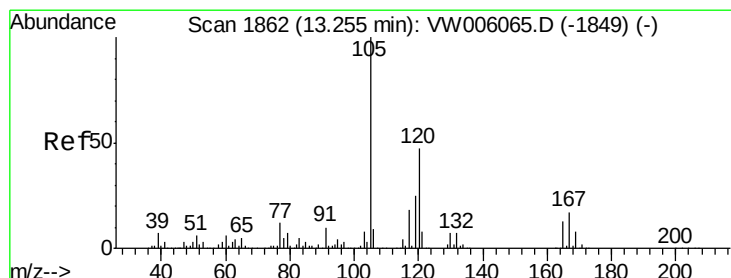
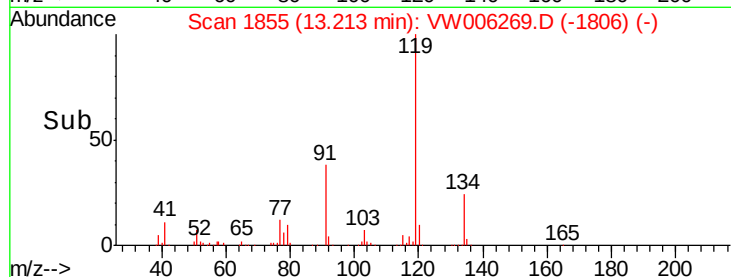
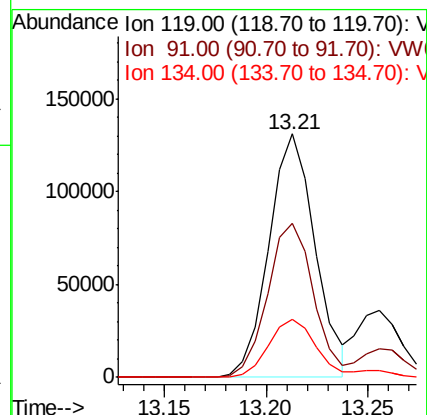
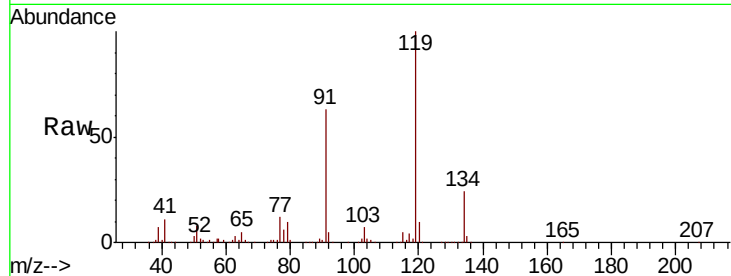




#83
tert-Butylbenzene
Concen: 21.637 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

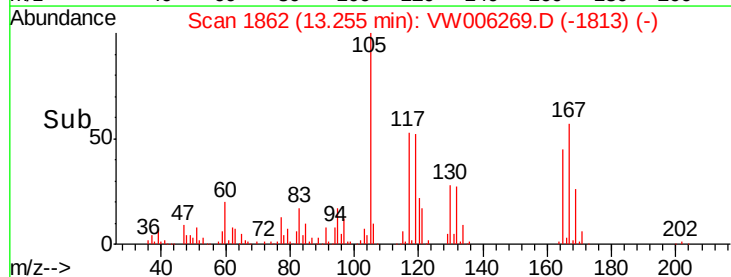
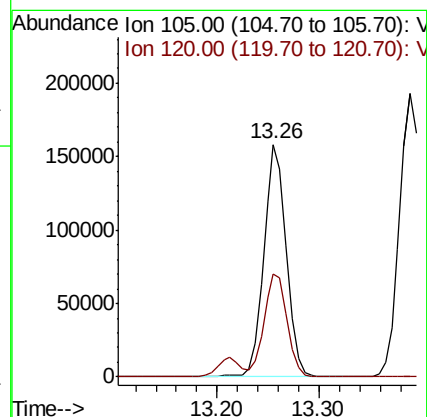
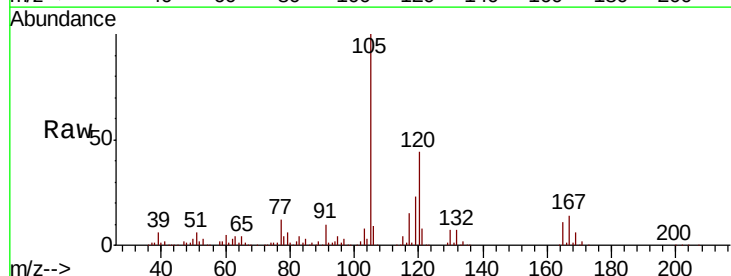
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

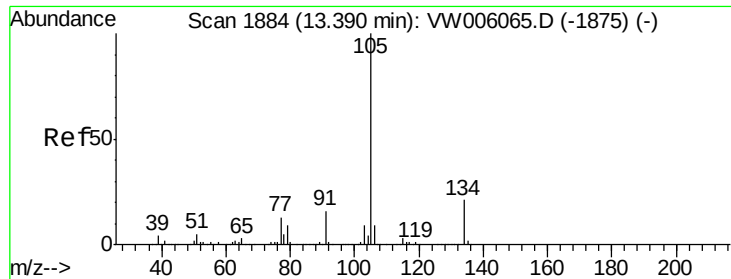
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	32.3	96.9
134	24.5	13.6	40.8



#84
1,2,4-Trimethylbenzene
Concen: 22.293 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.613 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

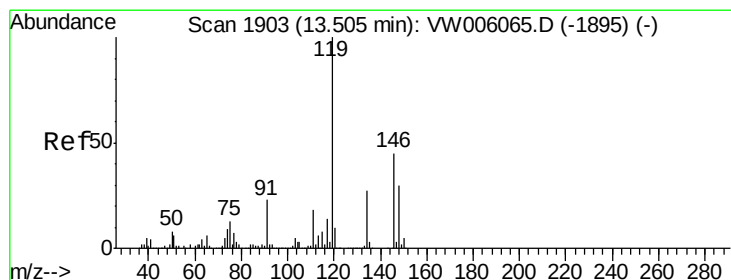
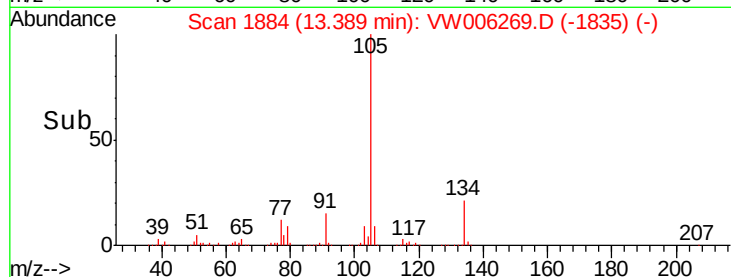
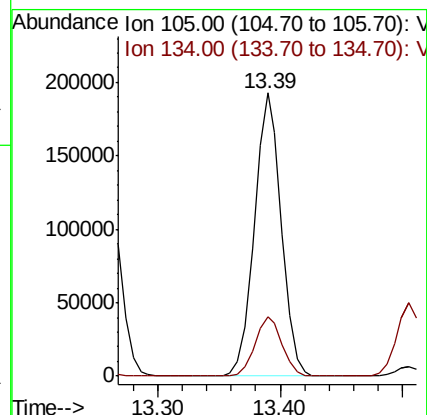
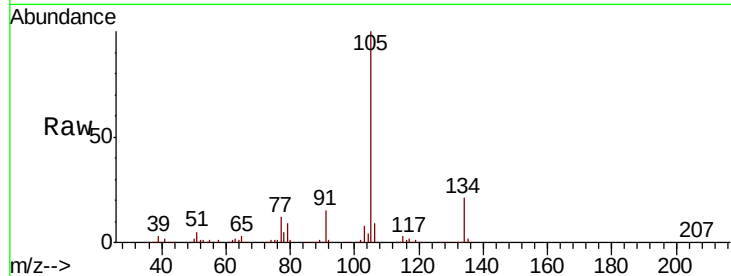
VW1022SBS02

Tot Ion:105 Resp: 293090

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.6



#86

p-Isopropyltoluene

Concen: 21.438 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

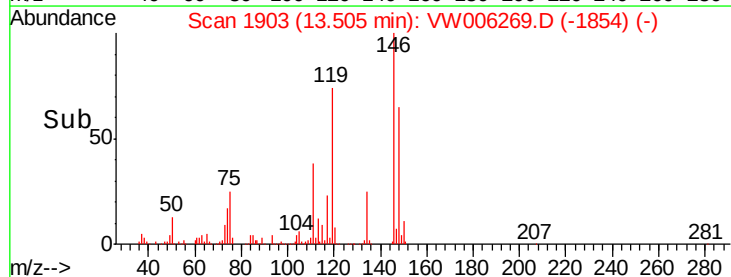
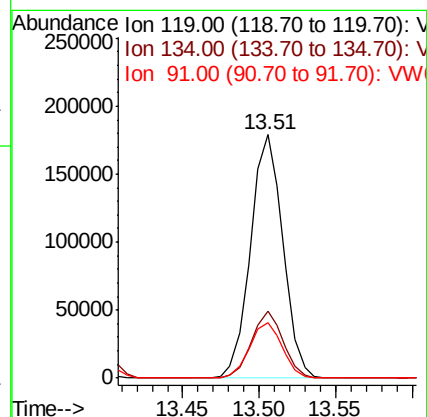
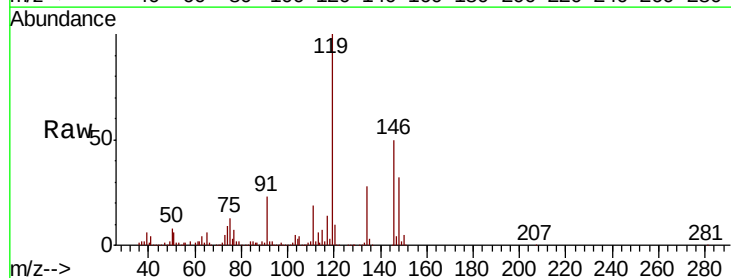
Tgt Ion:119 Resp: 262952

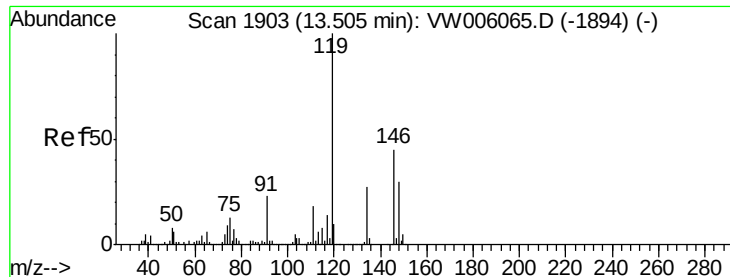
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 22.9 11.4 34.1

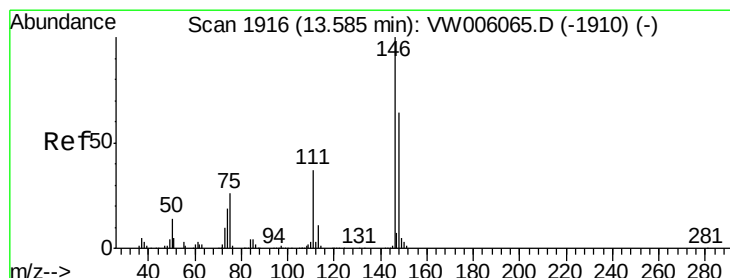
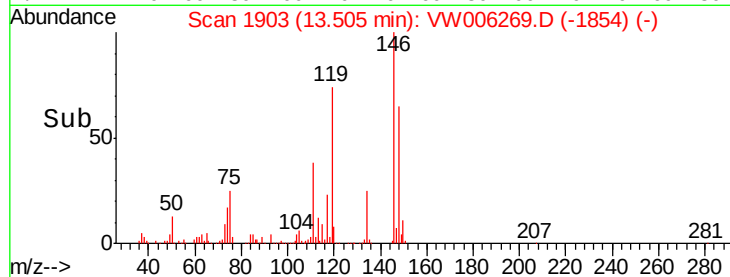
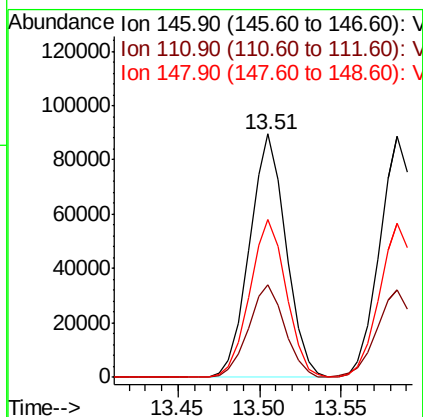
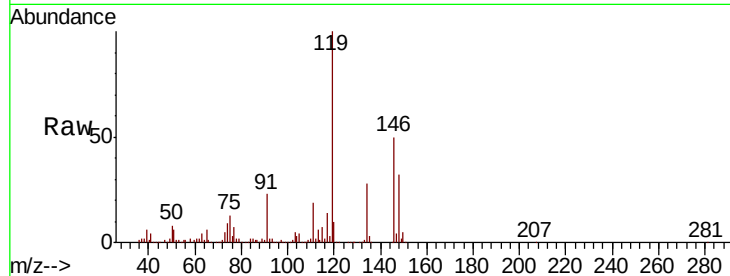




#87
 1,3-Dichlorobenzene
 Concen: 22.381 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

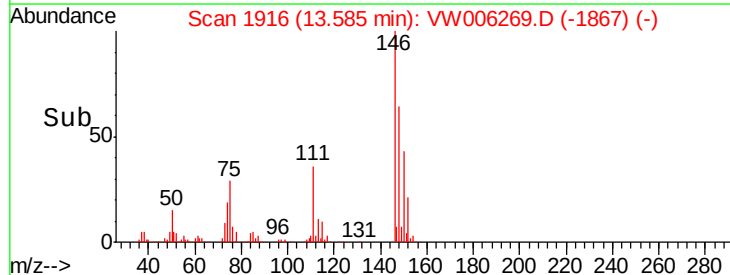
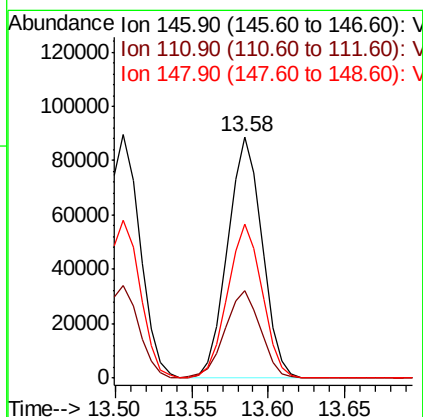
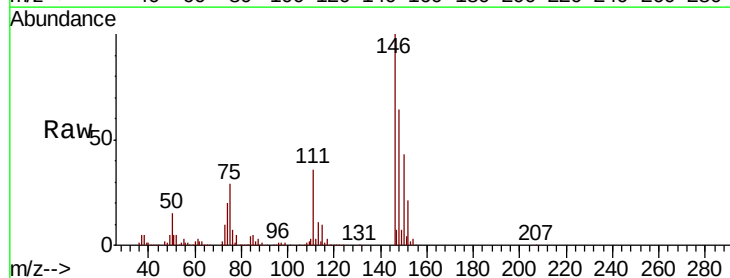
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

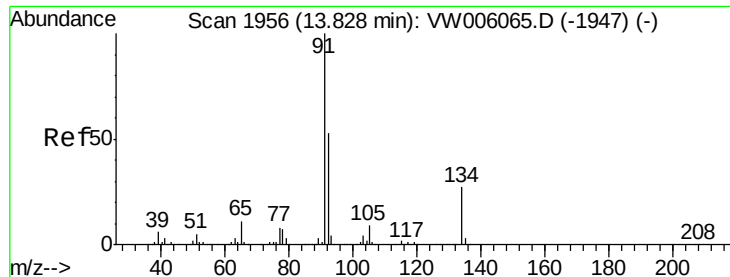
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	65.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 22.413 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	64.1	32.1	96.5





#89

n-Butylbenzene

Concen: 21.343 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

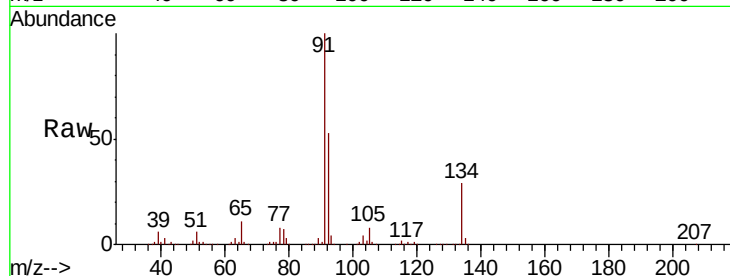
Tot Ion: 91 Resp: 239415

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 28.2 14.0 41.9

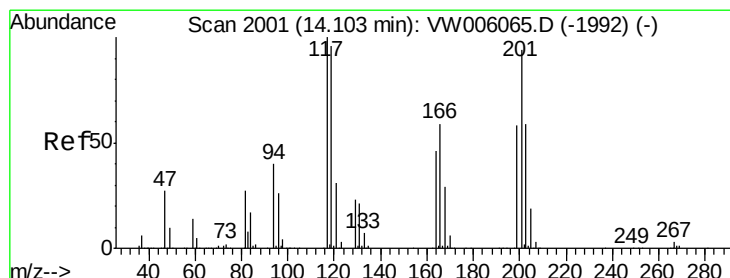
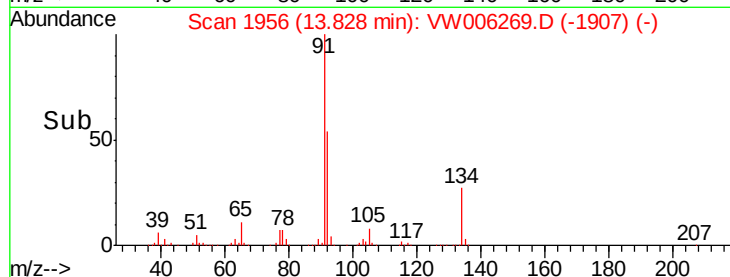
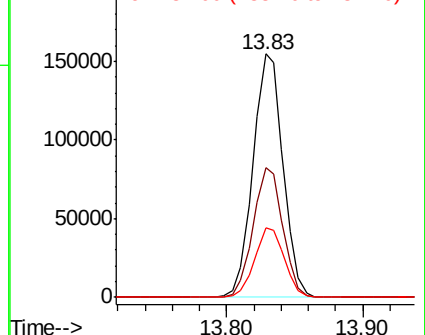


Abundance

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: 20.038 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW006269.D

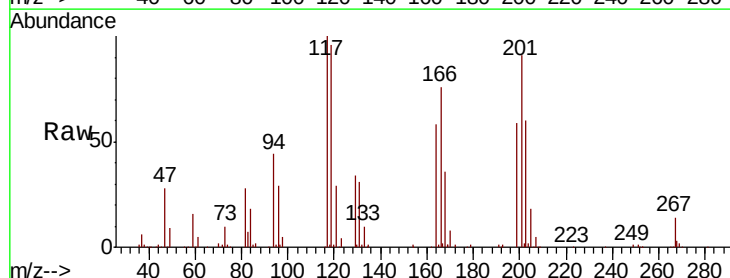
Acq: 23 Oct 2018 01:03

Tgt Ion: 117 Resp: 41633

Ion Ratio Lower Upper

117 100

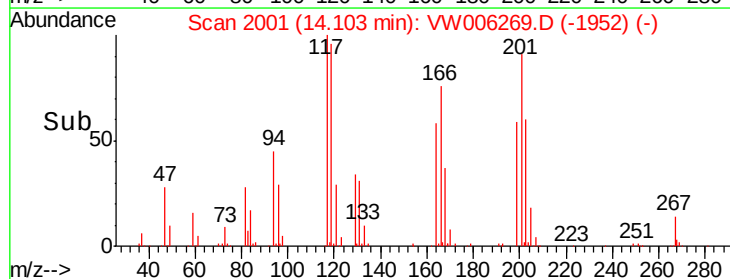
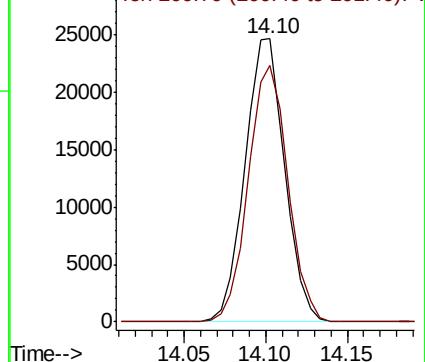
201 90.4 45.3 135.9

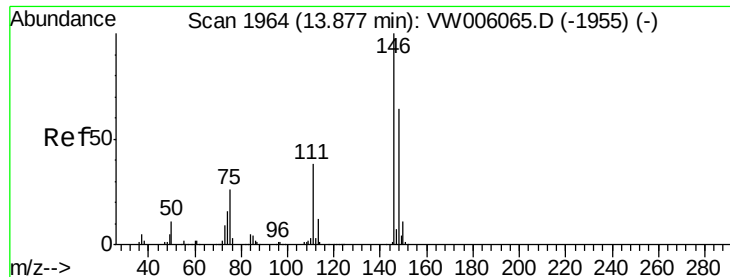


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

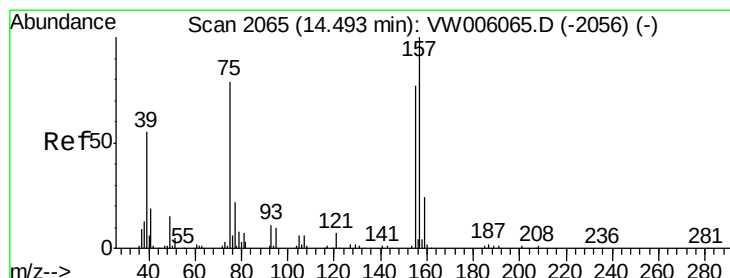
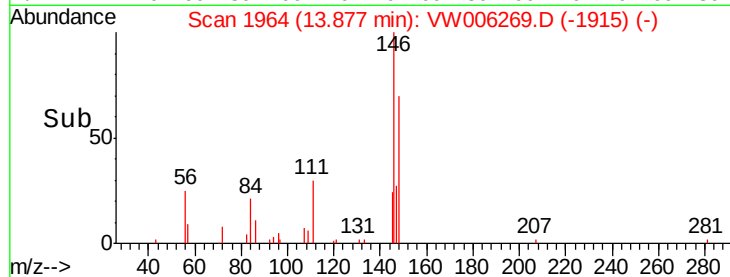
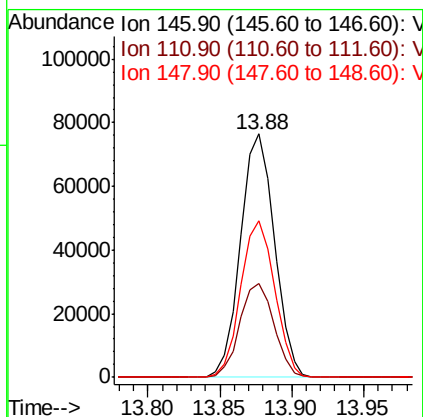
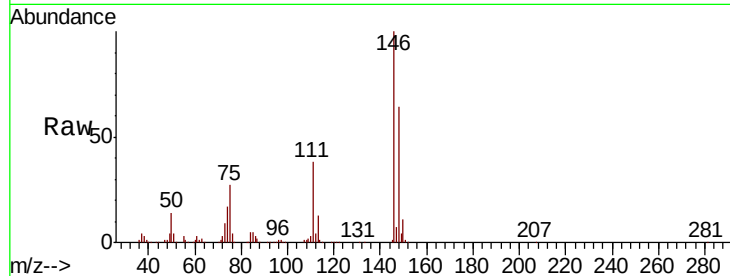




#91
 1,2-Dichlorobenzene
 Concen: 22.586 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

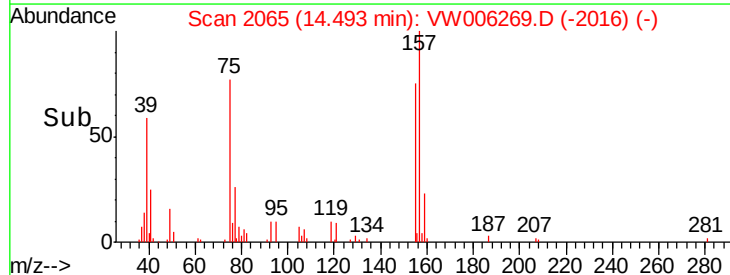
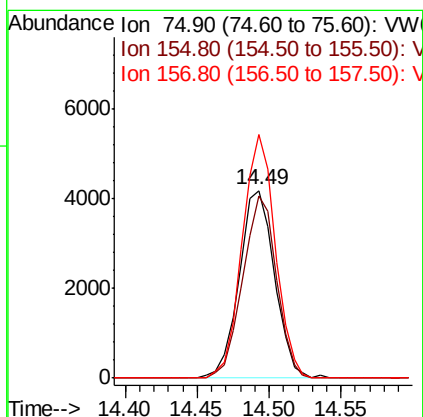
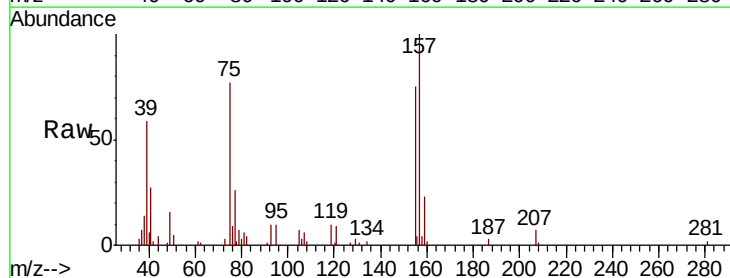
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

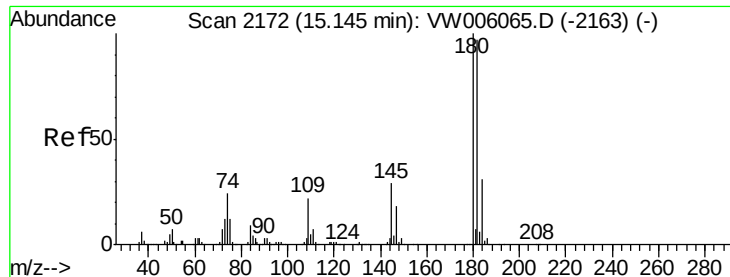
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	64.5	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.519 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	46.5	139.5
157	120.5	59.8	179.4

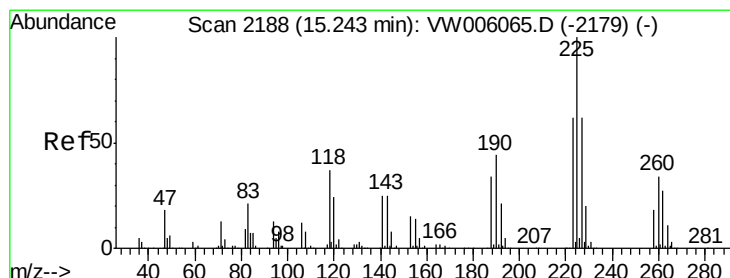
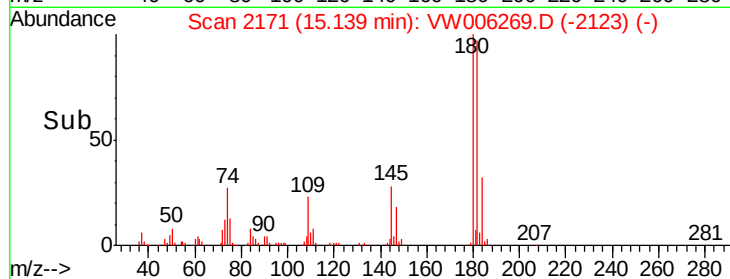
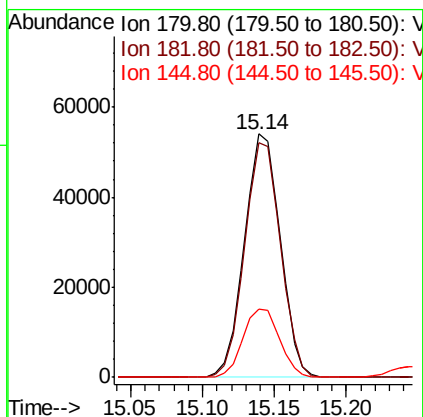
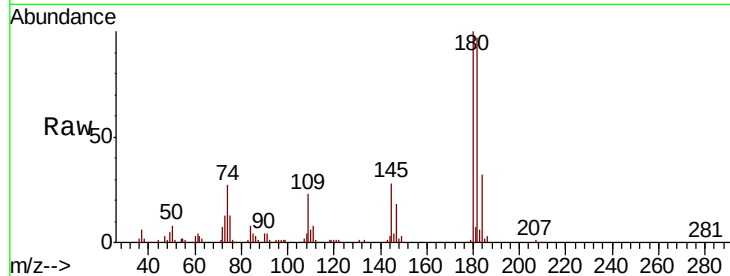




#93
 1,2,4-Trichlorobenzene
 Concen: 21.823 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

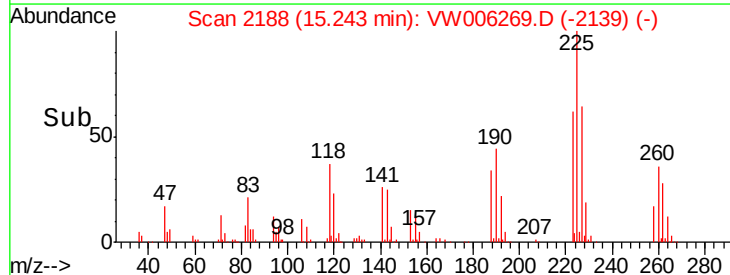
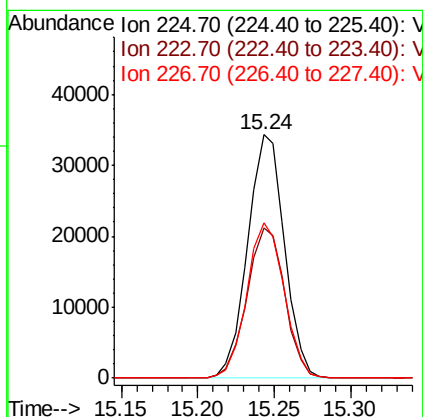
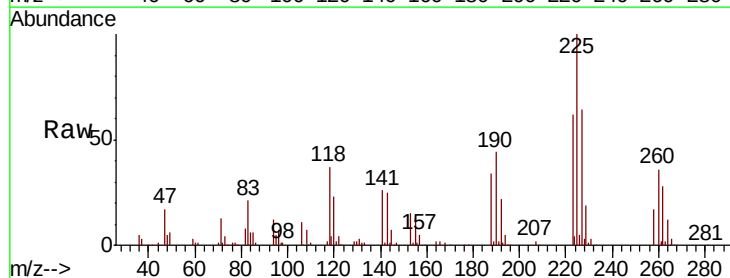
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

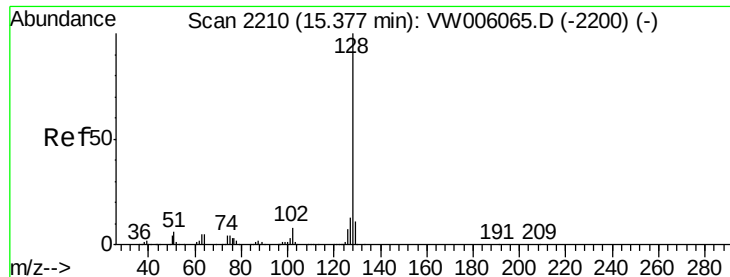
Tot Ion:180 Resp: 92917
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.9 143.6
 145 28.7 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 21.472 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion:225 Resp: 57433
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.5
 227 64.6 32.4 97.0

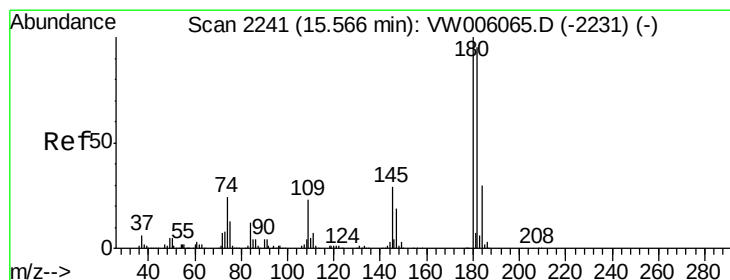
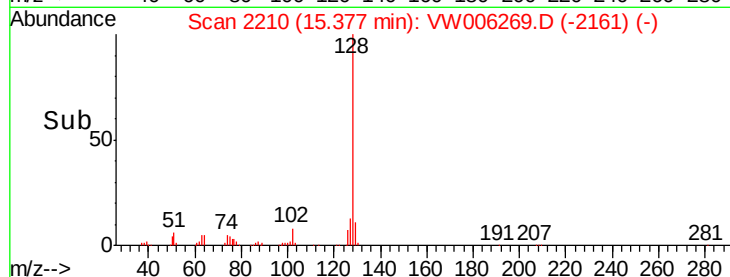
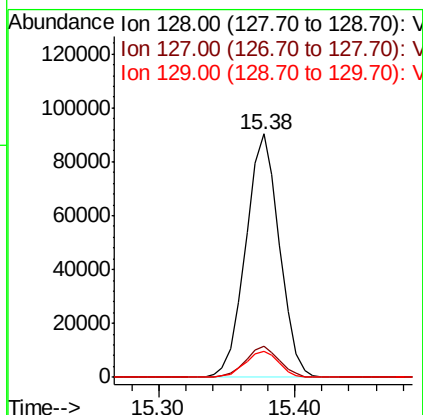
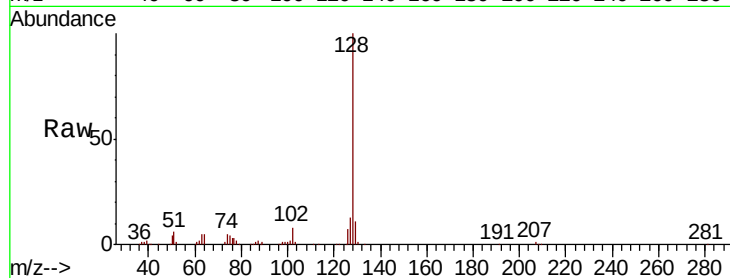




#95
Naphthalene
Concen: 22.080 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion:128 Resp: 156392
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.531 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion:180 Resp: 82977
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 29.6 15.0 45.1

