

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006467.D
 Acq On : 29 Oct 2018 22:25
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 05:36:23 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	208095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	274949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161655	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86608	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	7.88	113	93275	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
50) Toluene-d8	10.33	98	337771	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	132031	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	57990	56.313	ug/l	95
3) Chloromethane	2.21	50	75911	57.267	ug/l	99
4) Vinyl Chloride	2.37	62	108162	57.137	ug/l	100
5) Bromomethane	2.79	94	96019	55.767	ug/l	100
6) Chloroethane	2.93	64	80723	59.504	ug/l	98
7) Trichlorofluoromethane	3.26	101	105748	59.965	ug/l	98
8) Diethyl Ether	3.68	74	49647	52.973	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	107380	58.103	ug/l	99
10) Methyl Iodide	4.26	142	181352	58.957	ug/l	99
11) Tert butyl alcohol	5.23	59	29169	251.395	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	100239	57.652	ug/l	93
13) Acrolein	3.90	56	24482	218.057	ug/l	95
14) Allyl chloride	4.67	41	135847	54.643	ug/l	98
15) Acrylonitrile	5.38	53	98331	292.515	ug/l	99
16) Acetone	4.15	43	96598	301.503	ug/l	97
17) Carbon Disulfide	4.37	76	280805	53.512	ug/l	99
18) Methyl Acetate	4.68	43	48859	56.276	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	152919	57.744	ug/l	96
20) Methylene Chloride	4.91	84	112048	61.763	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	115577	59.553	ug/l	95
22) Diisopropyl ether	6.32	45	286243	58.264	ug/l	97
23) Vinyl Acetate	6.26	43	810931	279.696	ug/l	99
24) 1,1-Dichloroethane	6.22	63	190836	60.199	ug/l	99
25) 2-Butanone	7.18	43	131783	282.756	ug/l	96
26) 2,2-Dichloropropane	7.17	77	123321	55.157	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	130697	61.026	ug/l	97
28) Bromochloromethane	7.51	49	69632	56.897	ug/l	93
29) Tetrahydrofuran	7.54	42	77353	270.011	ug/l	97
30) Chloroform	7.68	83	211482	61.232	ug/l	98
31) Cyclohexane	7.96	56	160766	50.925	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	182044	58.431	ug/l	99
36) 1,1-Dichloropropene	8.09	75	158571	58.602	ug/l	99
37) Ethyl Acetate	7.26	43	56858	56.555	ug/l	99
38) Carbon Tetrachloride	8.07	117	173759	58.577	ug/l	100

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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)
39) Methylcyclohexane	9.34	83	203234	56.503	ug/l	98
40) Benzene	8.32	78	455677	61.391	ug/l	99
41) Methacrylonitrile	7.49	41	32096	52.958	ug/l	91
42) 1,2-Dichloroethane	8.40	62	131479	60.291	ug/l	100
43) Isopropyl Acetate	8.43	43	111716	54.348	ug/l	98
44) Trichloroethene	9.09	130	137878	60.547	ug/l	99
45) 1,2-Dichloropropane	9.37	63	107130	60.316	ug/l	100
46) Dibromomethane	9.46	93	60946	60.204	ug/l	98
47) Bromodichloromethane	9.65	83	147625	60.149	ug/l	98
48) Methyl methacrylate	9.44	41	53232	54.632	ug/l	93
49) 1,4-Dioxane	9.48	88	19090	1224.942	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	287411	279.060	ug/l	97
52) Toluene	10.39	92	301454	60.579	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	147109	60.160	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	167209	59.580	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	88886	62.744	ug/l	98
56) Ethyl methacrylate	10.65	69	102003	58.734	ug/l	95
57) 1,3-Dichloropropane	10.93	76	143639	61.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	175739	264.824	ug/l	99
59) 2-Hexanone	10.98	43	201769	274.442	ug/l	95
60) Dibromochloromethane	11.13	129	109225	61.899	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87467	61.793	ug/l	100
64) Tetrachloroethene	10.87	164	130200	61.000	ug/l	99
65) Chlorobenzene	11.66	112	356758	60.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	128116	61.249	ug/l	99
67) Ethyl Benzene	11.74	91	608011	59.607	ug/l	99
68) m/p-Xylenes	11.84	106	489011	121.291	ug/l	97
69) o-Xylene	12.17	106	232388	60.481	ug/l	98
70) Styrene	12.18	104	384252	61.498	ug/l	99
71) Bromoform	12.35	173	68891	59.048	ug/l #	99
73) Isopropylbenzene	12.47	105	646138	56.577	ug/l	99
74) N-amyl acetate	12.28	43	112720	50.817	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	102604	59.070	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	129430	104.825	ug/l #	100
77) Bromobenzene	12.75	156	164138	58.679	ug/l	98
78) n-propylbenzene	12.81	91	757586	57.018	ug/l	100
79) 2-Chlorotoluene	12.90	91	424488	56.862	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	551711	57.305	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	27988	54.184	ug/l	98
82) 4-Chlorotoluene	12.99	91	451526	57.739	ug/l	99
83) tert-Butylbenzene	13.21	119	491590	57.070	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	564224	57.915	ug/l	100
85) sec-Butylbenzene	13.39	105	690575	56.748	ug/l	99
86) p-Isopropyltoluene	13.51	119	632320	57.447	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	330361	59.343	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	325561	58.735	ug/l	99
89) n-Butylbenzene	13.83	91	568706	56.496	ug/l	100
90) Hexachloroethane	14.10	117	105866	56.782	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	294494	59.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16387	52.692	ug/l	95

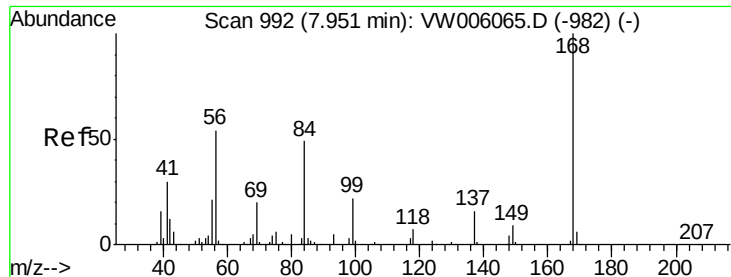
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	220345	57.669	ug/l	100
94) Hexachlorobutadiene	15.24	225	137268	57.190	ug/l	99
95) Naphthalene	15.38	128	353723	55.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	191107	57.827	ug/l	100

(#) = 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: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

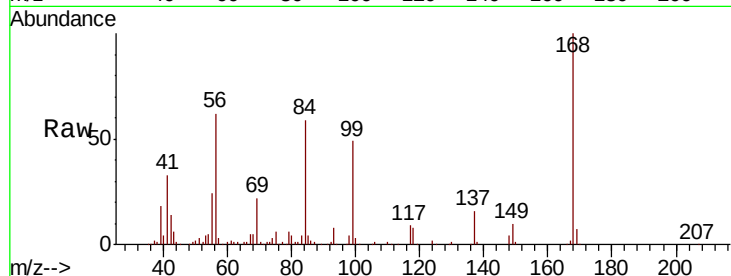
VSTDCCC050

Tot Ion:168 Resp: 208095

Ion Ratio Lower Upper

168 100

99 48.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

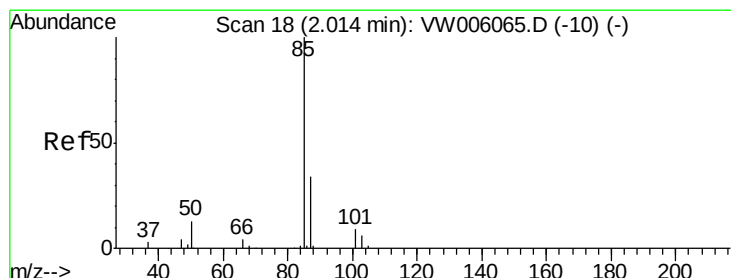
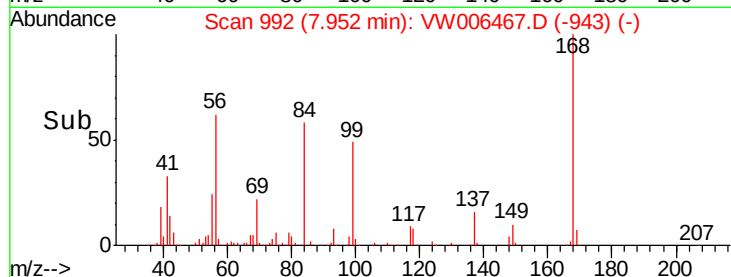
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 56.313 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006467.D

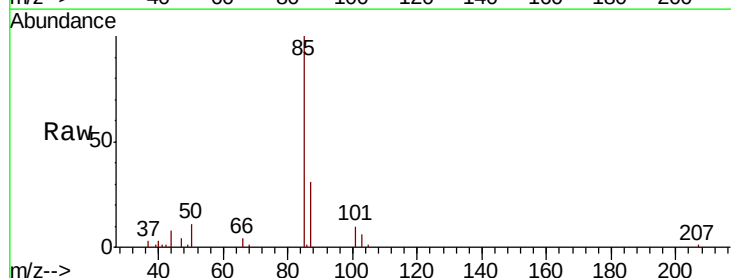
Acq: 29 Oct 2018 22:25

Tgt Ion: 85 Resp: 57990

Ion Ratio Lower Upper

85 100

87 30.6 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

15000

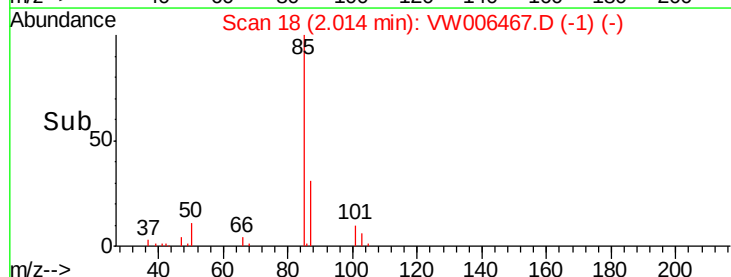
10000

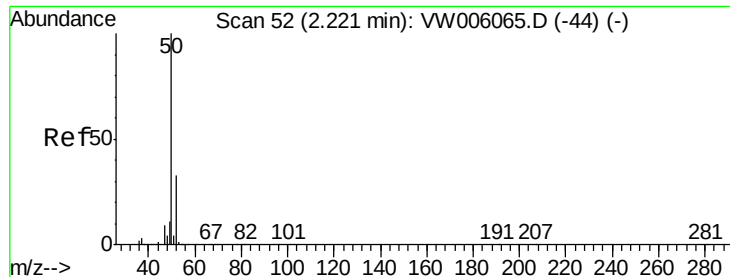
5000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 57.267 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

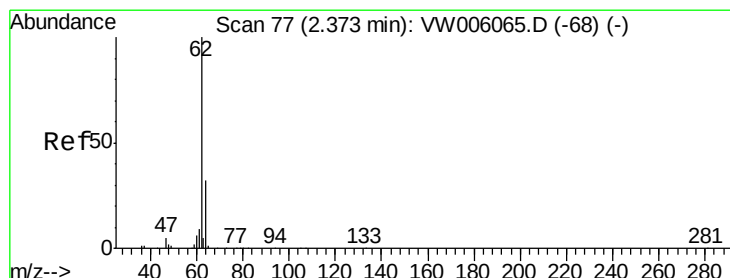
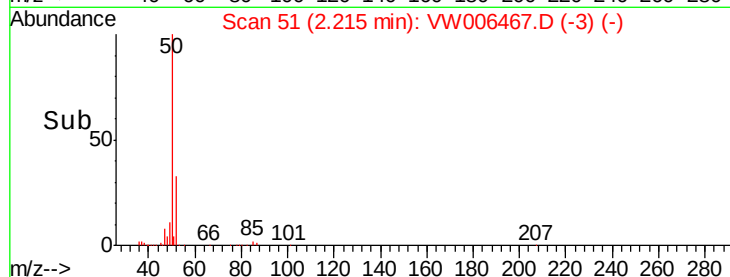
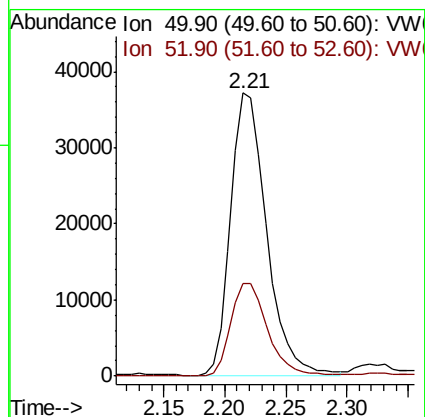
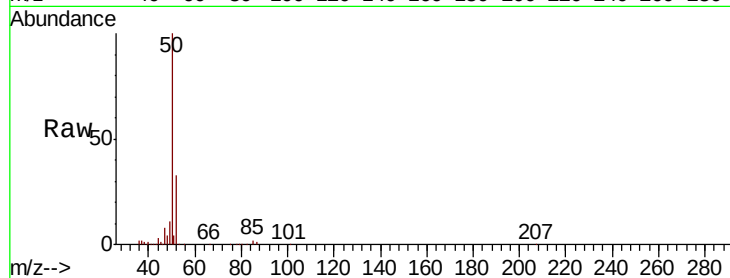
VSTDCCC050

Tot Ion: 50 Resp: 75911

Ion Ratio Lower Upper

50 100

52 33.0 26.8 40.2



#4

Vinyl Chloride

Concen: 57.137 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006467.D

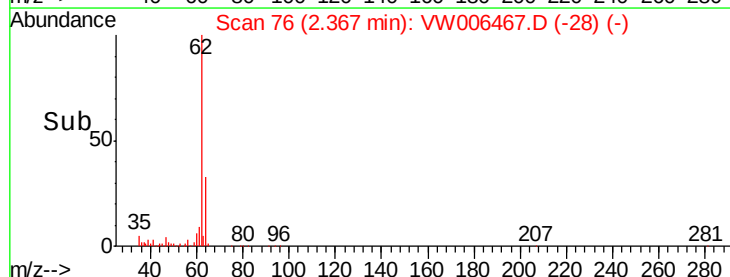
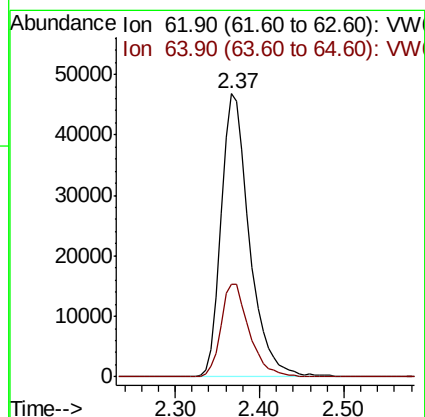
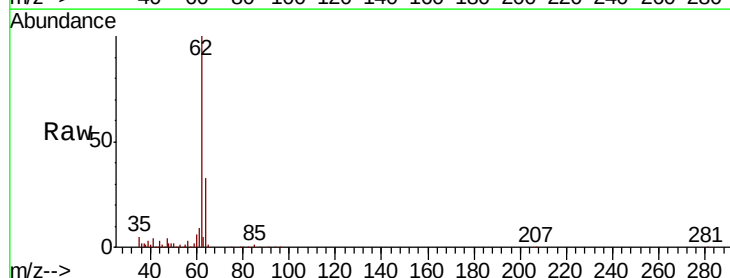
Acq: 29 Oct 2018 22:25

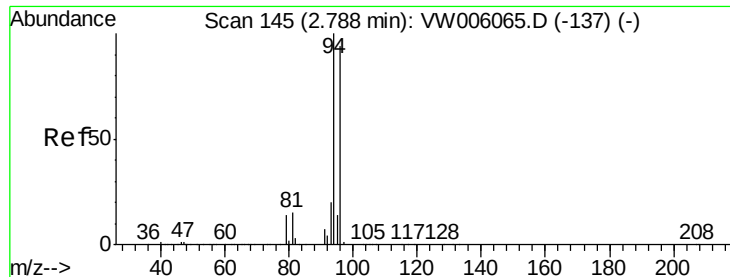
Tgt Ion: 62 Resp: 108162

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 55.767 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

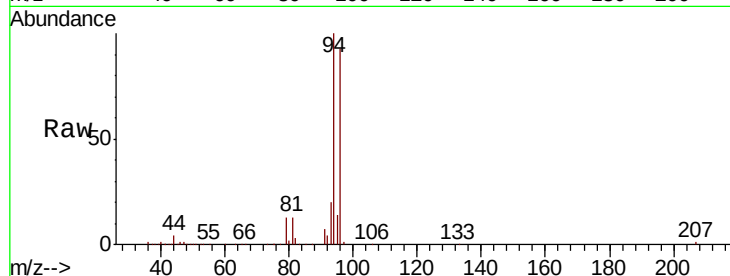
VSTDCCC050

Tot Ion: 94 Resp: 96019

Ion Ratio Lower Upper

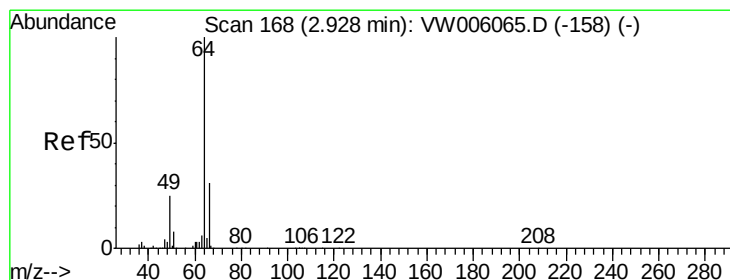
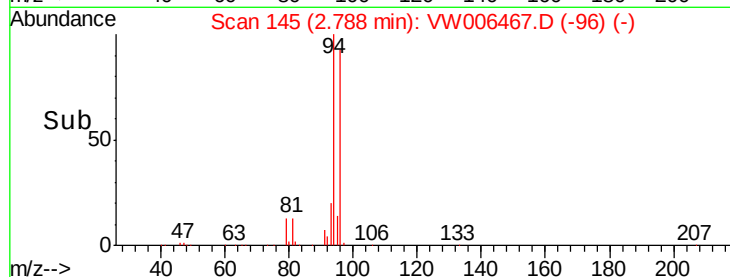
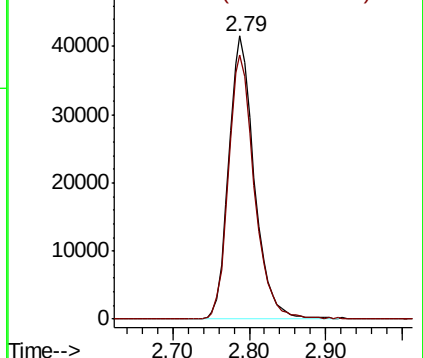
94 100

96 93.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 59.504 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006467.D

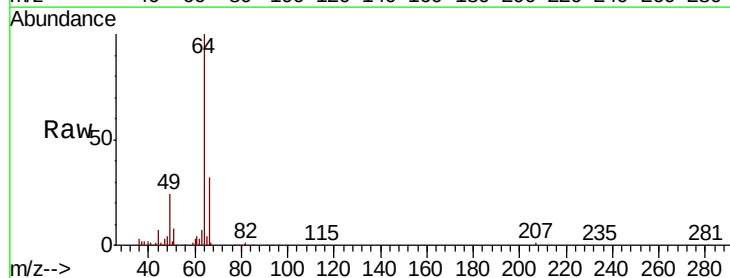
Acq: 29 Oct 2018 22:25

Tgt Ion: 64 Resp: 80723

Ion Ratio Lower Upper

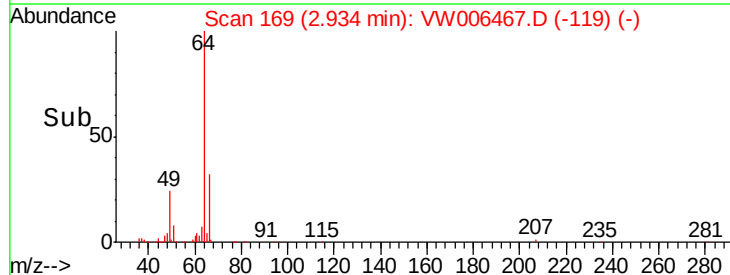
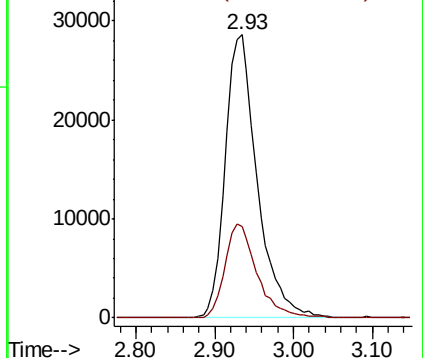
64 100

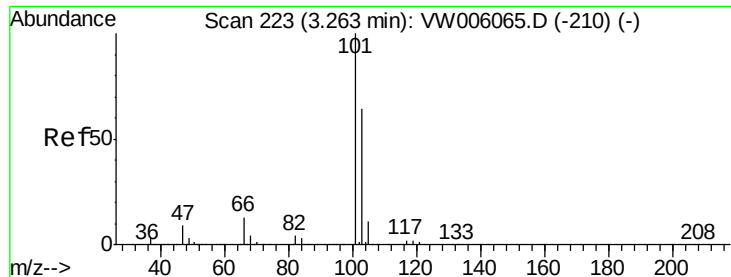
66 32.2 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



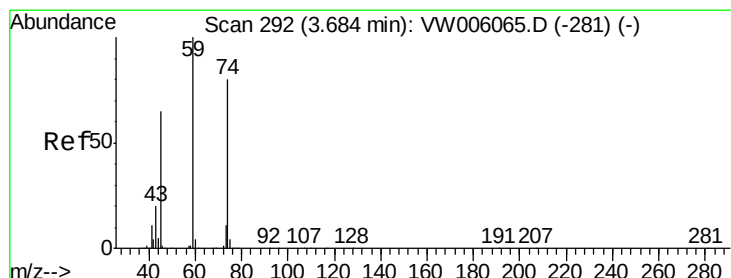
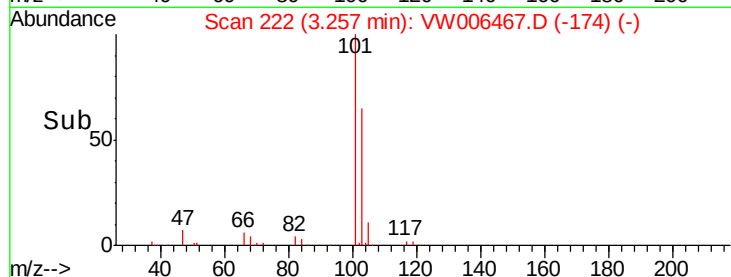
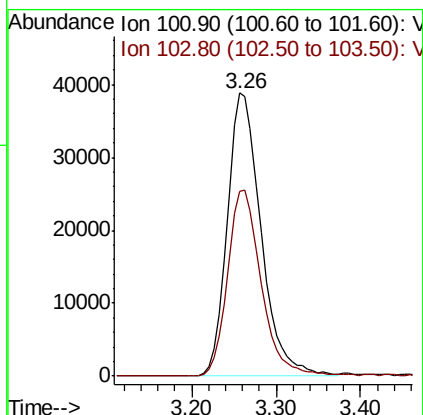
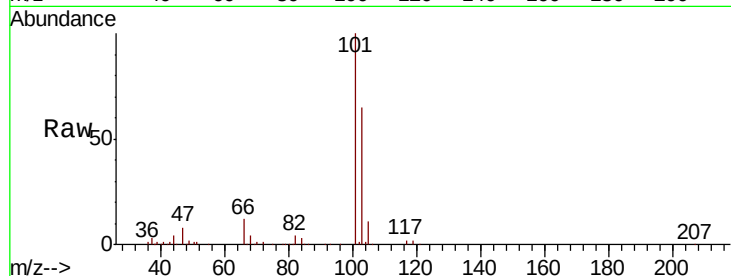


#7

Trichlorofluoromethane
 Concen: 59.965 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

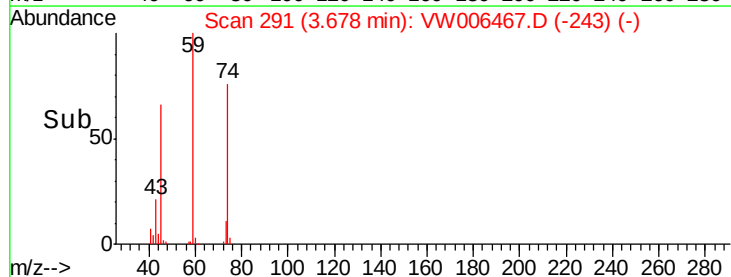
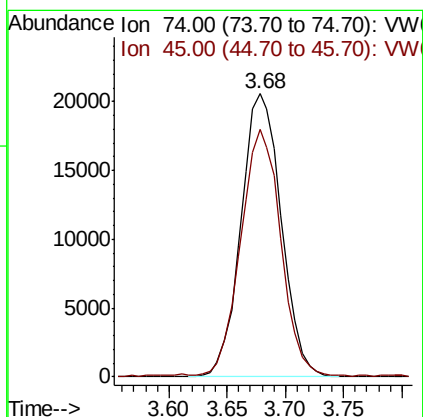
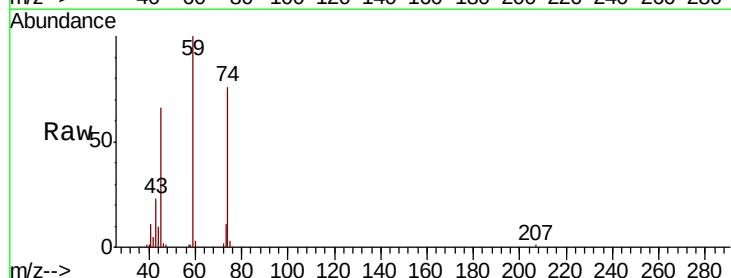
Tot Ion:101 Resp: 105748
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8

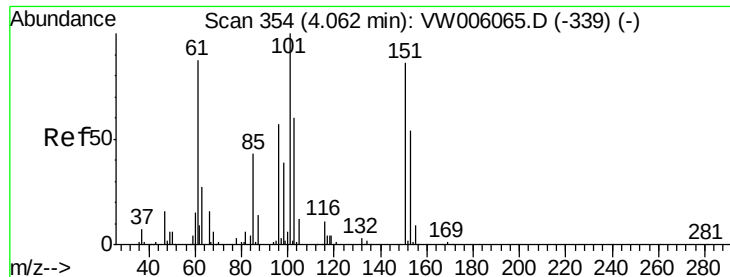


#8

Diethyl Ether
 Concen: 52.973 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion: 74 Resp: 49647
 Ion Ratio Lower Upper
 74 100
 45 87.4 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.103 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

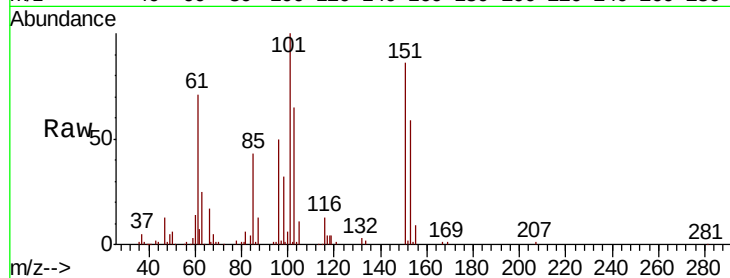
Tot Ion:101 Resp: 107380

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

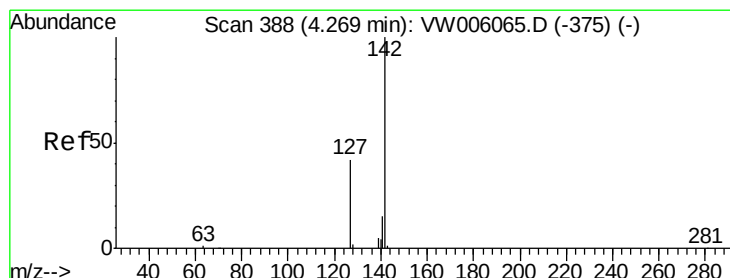
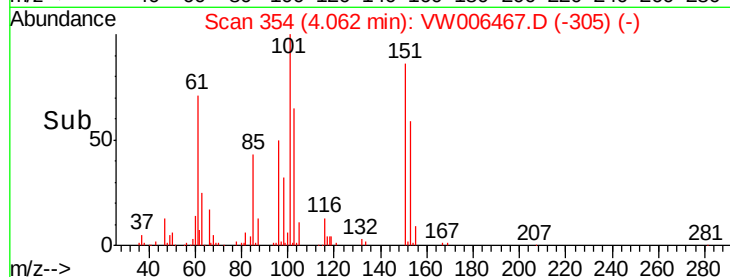
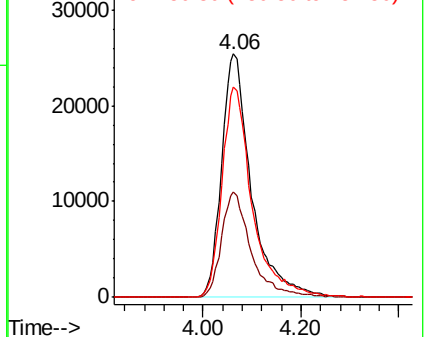
151 87.6 70.4 105.6



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: 58.957 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

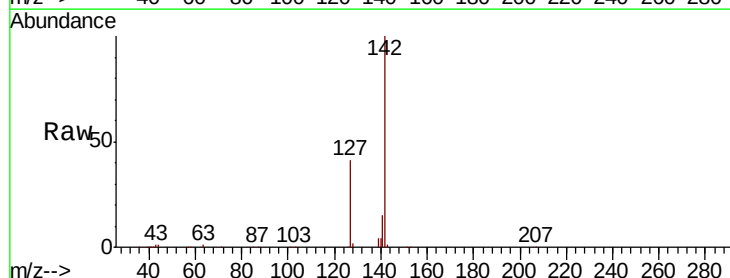
Tgt Ion:142 Resp: 181352

Ion Ratio Lower Upper

142 100

127 41.5 33.6 50.4

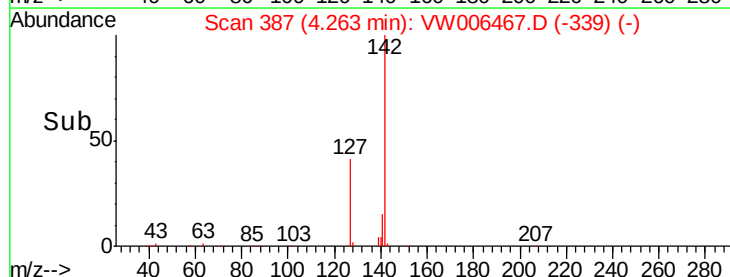
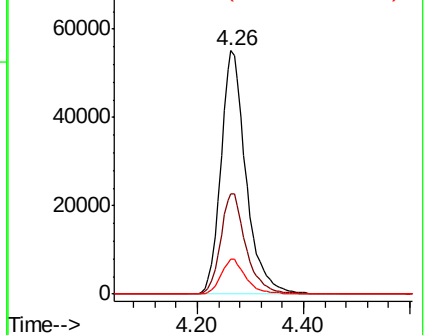
141 14.4 11.6 17.4

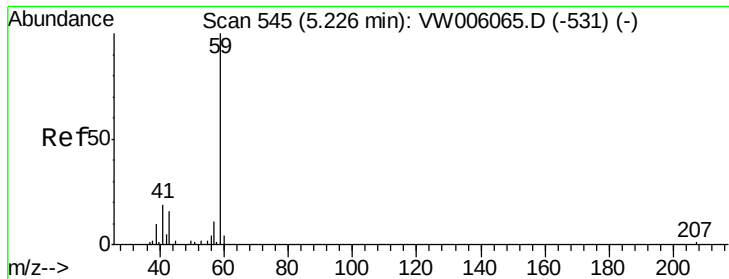


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



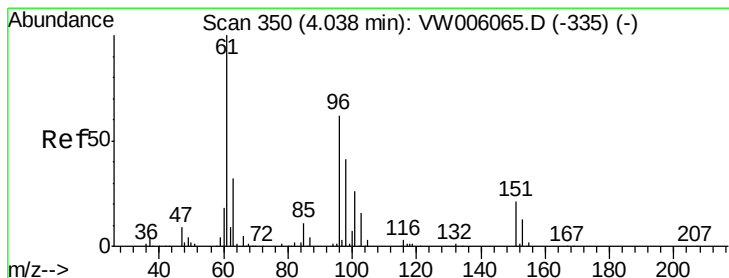
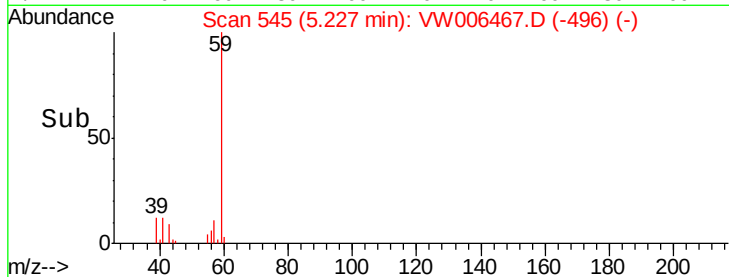
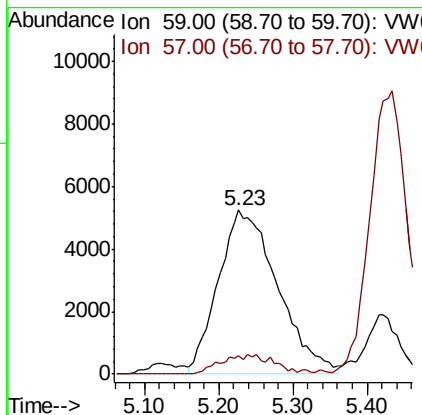
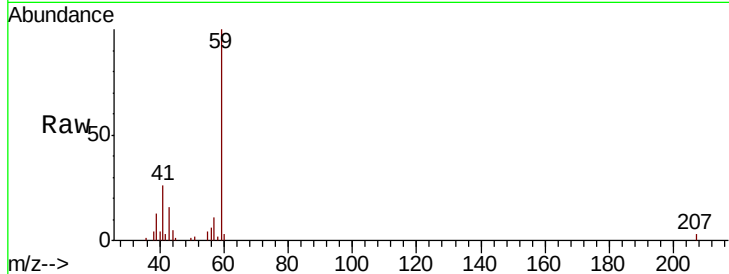


#11

Tert butyl alcohol
 Concen: 251.395 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

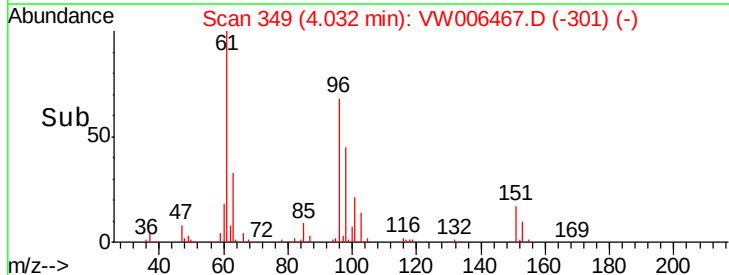
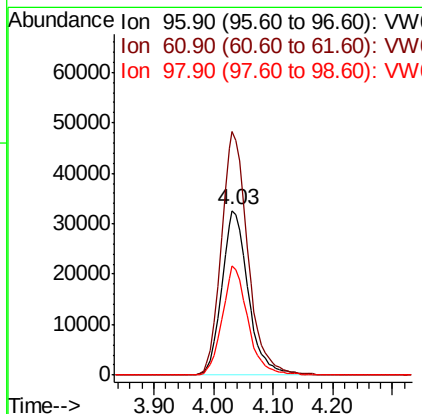
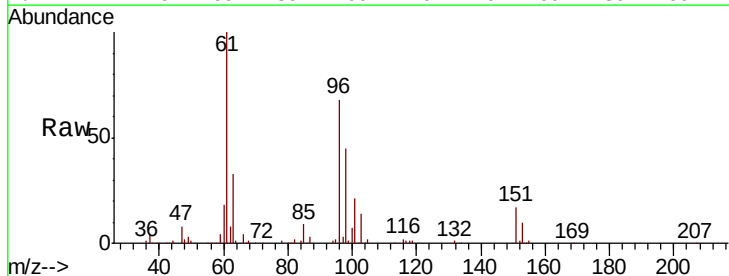
Tot Ion: 59 Resp: 29169
 Ion Ratio Lower Upper
 59 100
 57 4.8 8.7 13.1#

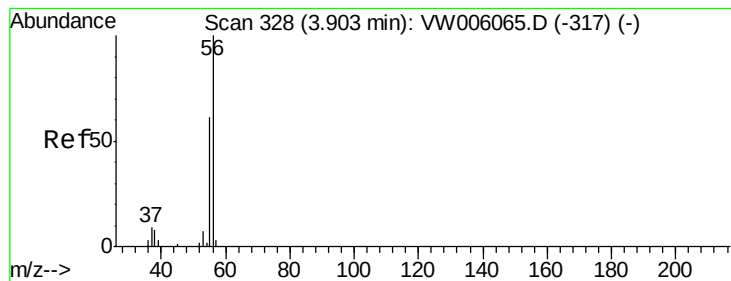


#12

1,1-Dichloroethene
 Concen: 57.652 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion: 96 Resp: 100239
 Ion Ratio Lower Upper
 96 100
 61 147.9 129.3 193.9
 98 66.6 53.1 79.7





#13

Acrolein

Concen: 218.057 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

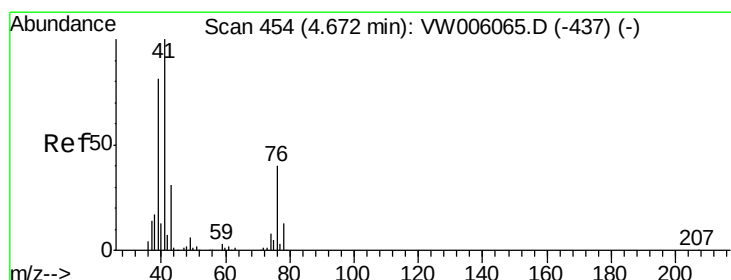
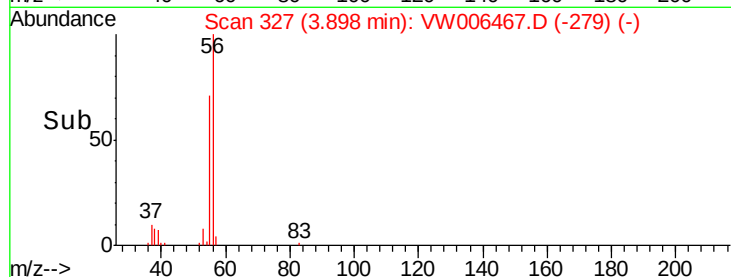
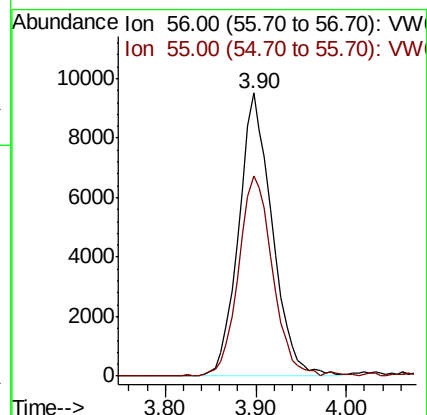
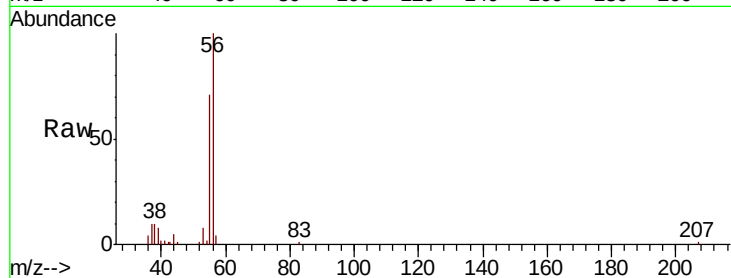
VSTDCCC050

Tot Ion: 56 Resp: 24482

Ion Ratio Lower Upper

56 100

55 71.7 54.5 81.7



#14

Allyl chloride

Concen: 54.643 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

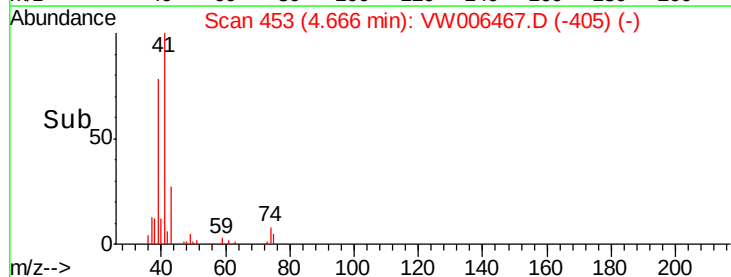
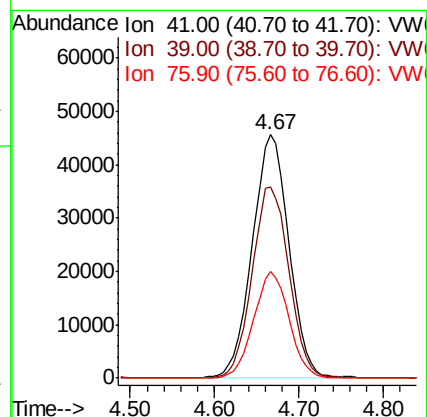
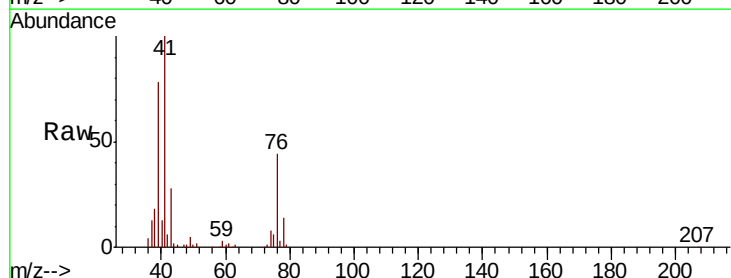
Tgt Ion: 41 Resp: 135847

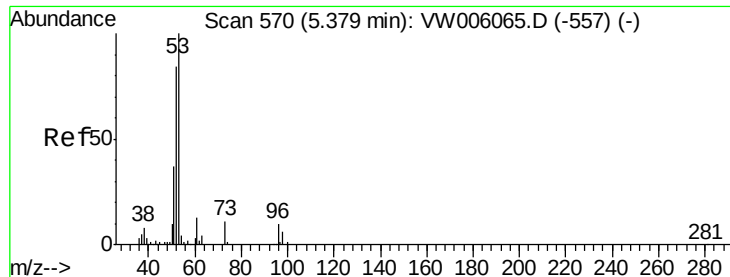
Ion Ratio Lower Upper

41 100

39 79.2 64.1 96.1

76 42.2 32.2 48.4





#15

Acrylonitrile

Concen: 292.515 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

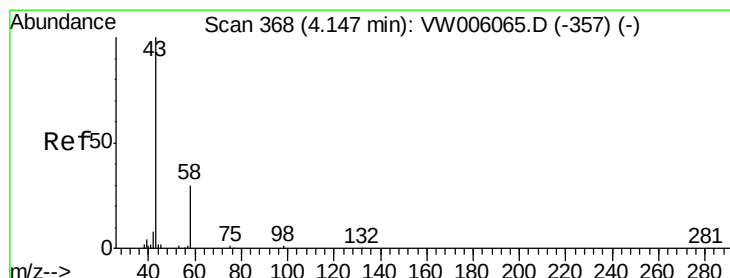
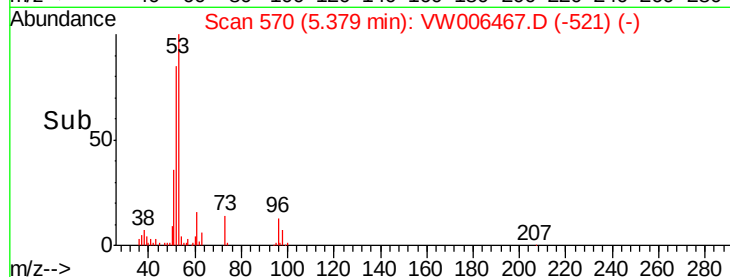
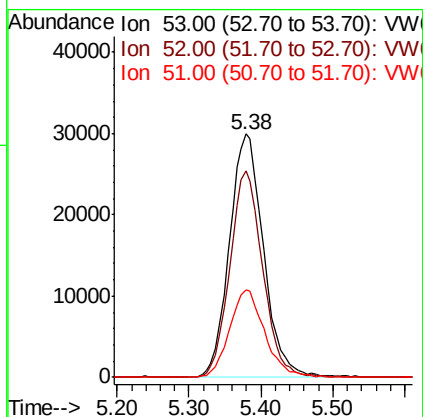
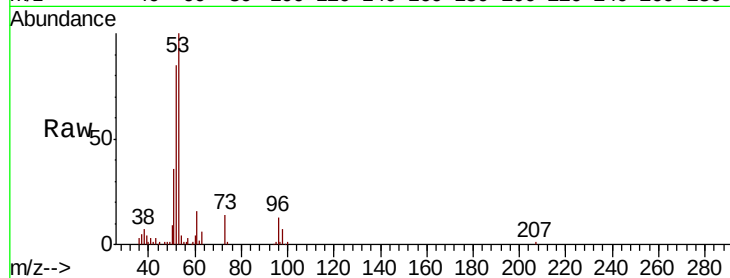
Tot Ion: 53 Resp: 98331

Ion Ratio Lower Upper

53 100

52 81.8 66.9 100.3

51 37.3 30.1 45.1



#16

Acetone

Concen: 301.503 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006467.D

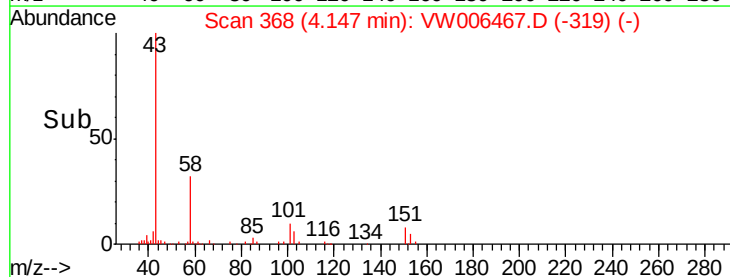
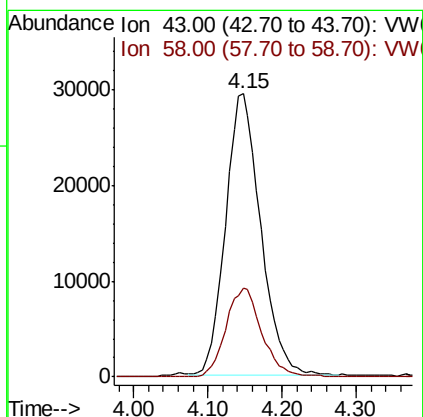
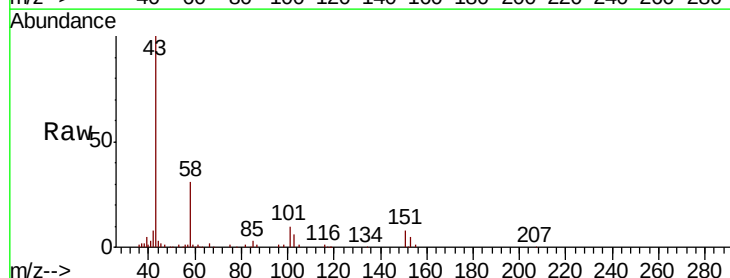
Acq: 29 Oct 2018 22:25

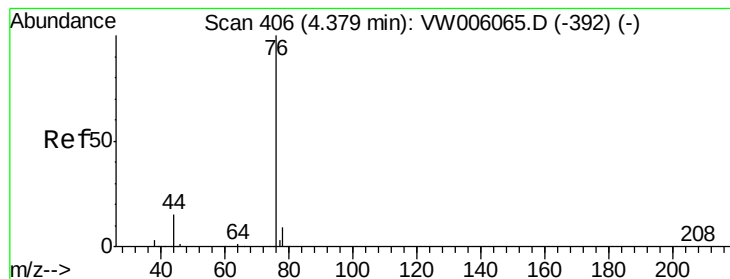
Tgt Ion: 43 Resp: 96598

Ion Ratio Lower Upper

43 100

58 31.7 24.0 36.0





#17

Carbon Disulfide

Concen: 53.512 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

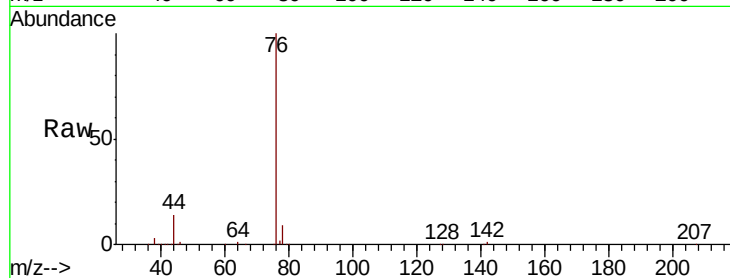
VSTDCCC050

Tot Ion: 76 Resp: 280805

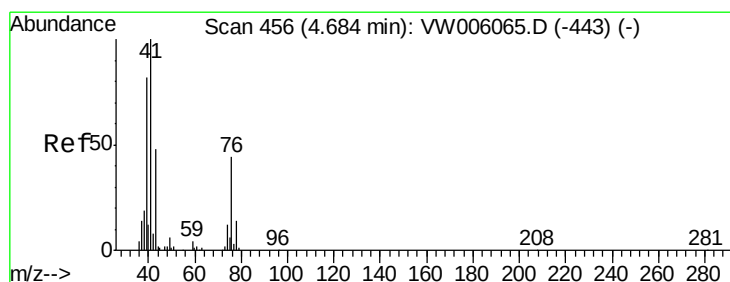
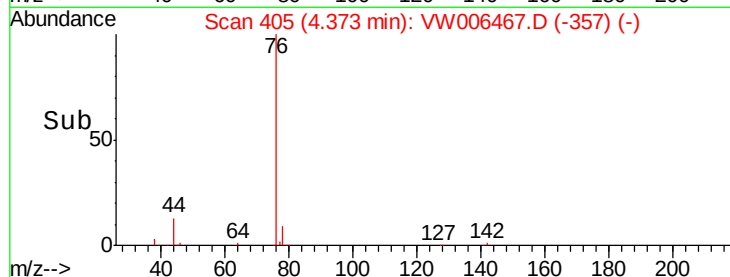
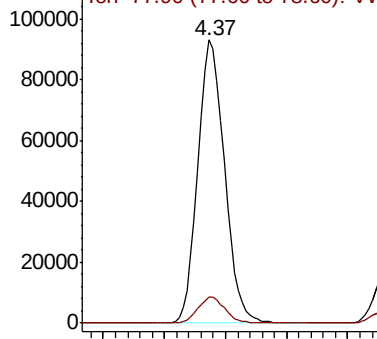
Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 56.276 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006467.D

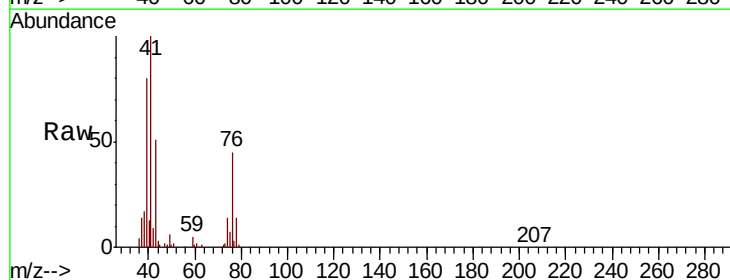
Acq: 29 Oct 2018 22:25

Tgt Ion: 43 Resp: 48859

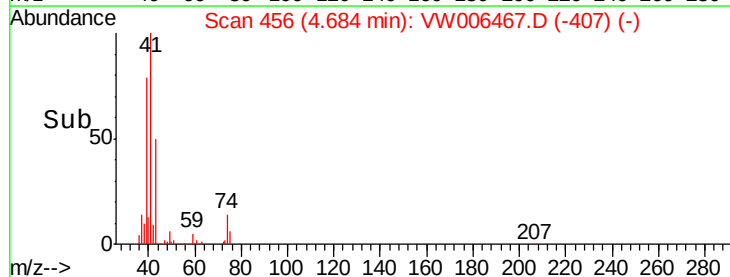
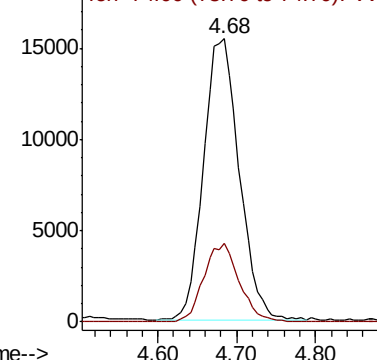
Ion Ratio Lower Upper

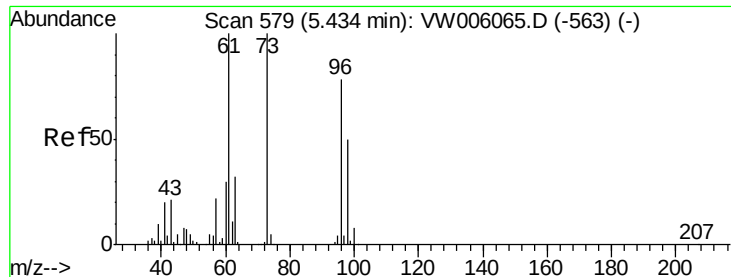
43 100

74 27.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

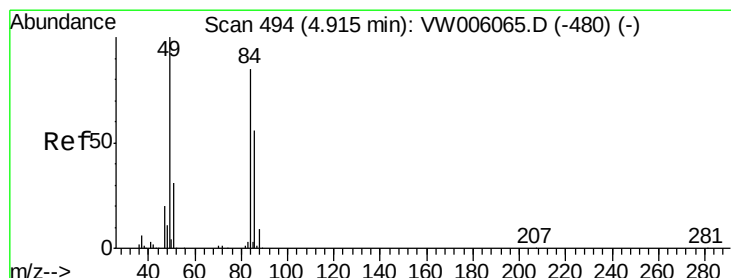
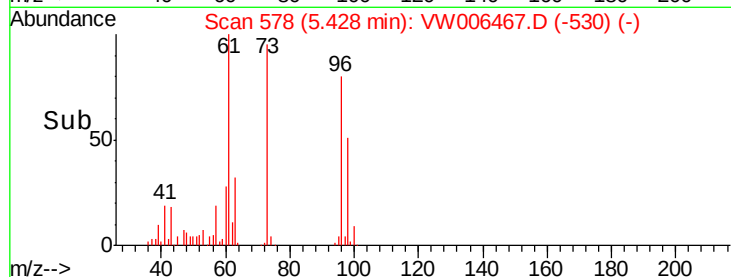
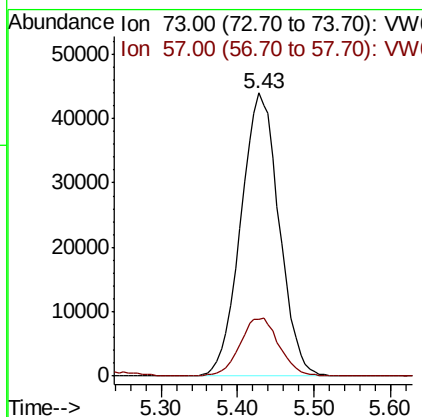
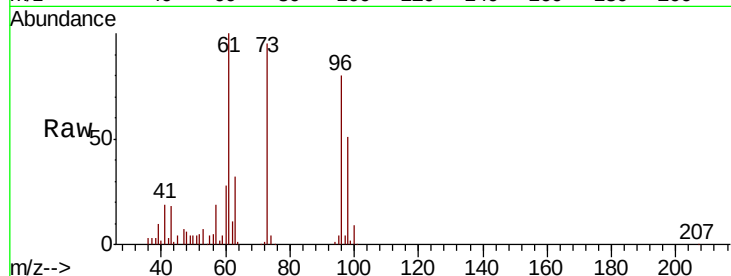




#19
Methyl tert-butyl Ether
Concen: 57.744 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

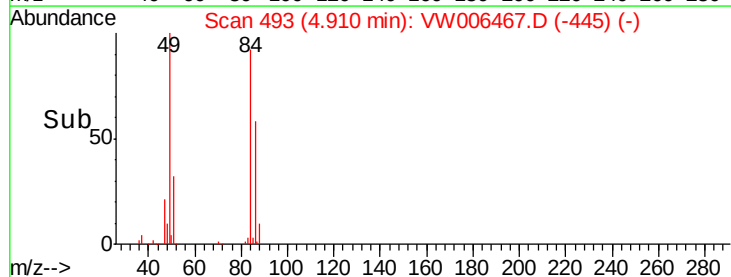
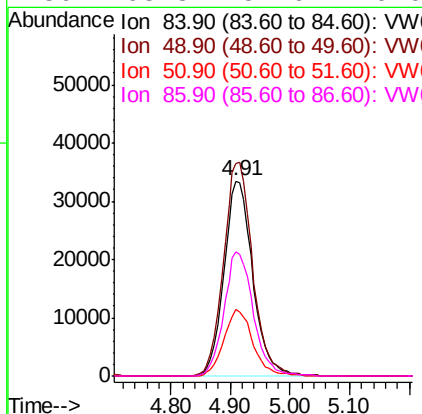
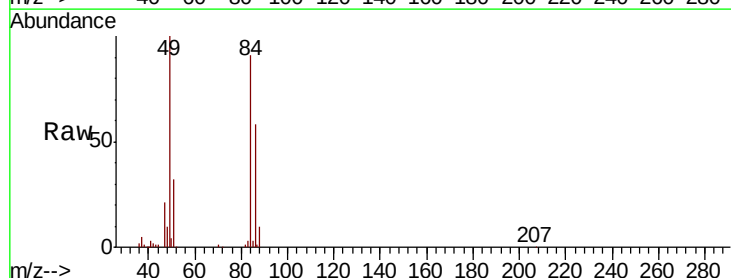
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

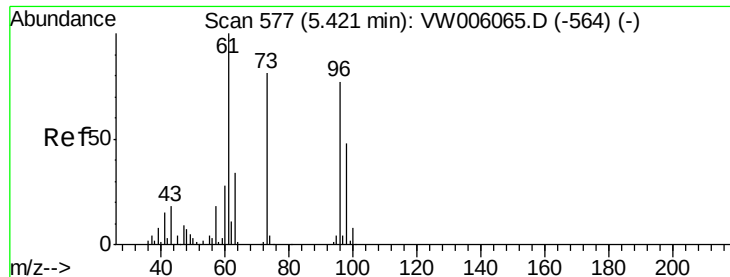
Tot Ion: 73 Resp: 152919
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.2



#20
Methylene Chloride
Concen: 61.763 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion: 84 Resp: 112048
Ion Ratio Lower Upper
84 100
49 109.5 93.6 140.4
51 34.5 29.0 43.4
86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 59.553 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

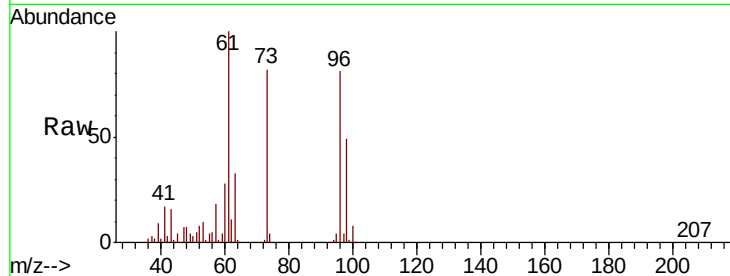
Tot Ion: 96 Resp: 115577

Ion Ratio Lower Upper

96 100

61 123.6 104.5 156.7

98 60.4 50.6 75.8

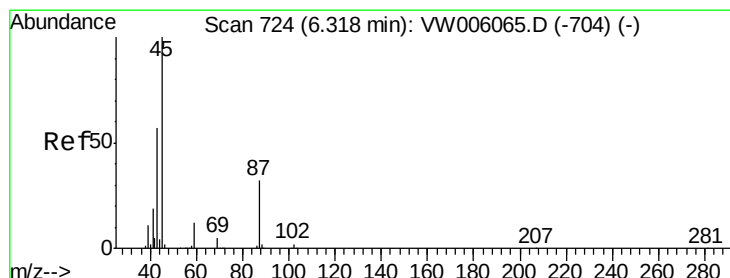
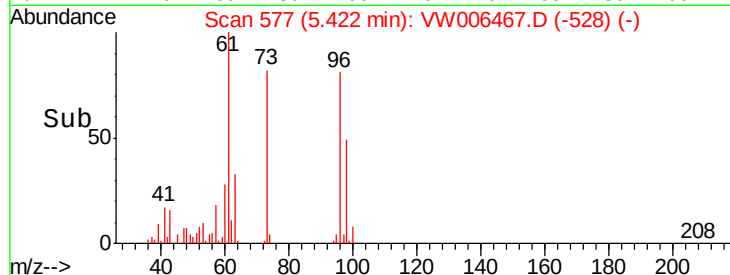
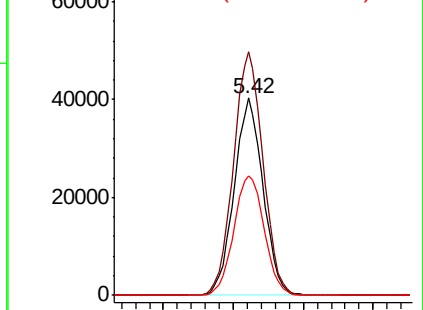


Abundance

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: 58.264 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Tgt Ion: 45 Resp: 286243

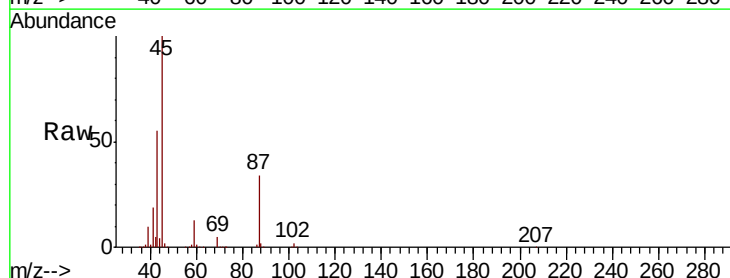
Ion Ratio Lower Upper

45 100

43 54.4 45.7 68.5

87 33.6 25.9 38.9

59 12.5 9.6 14.4



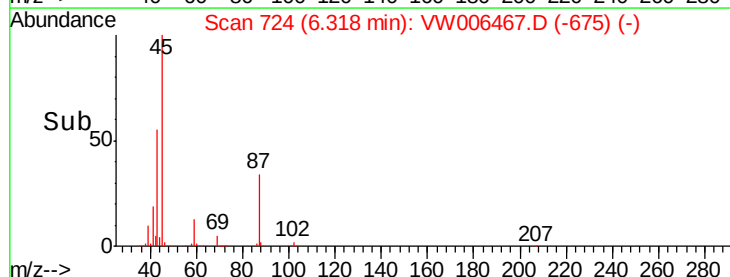
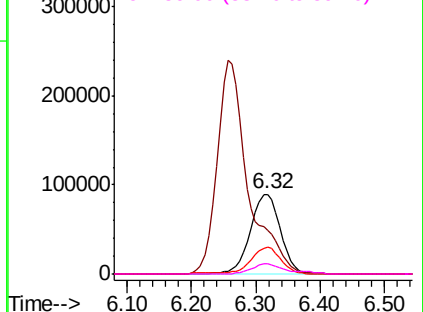
Abundance

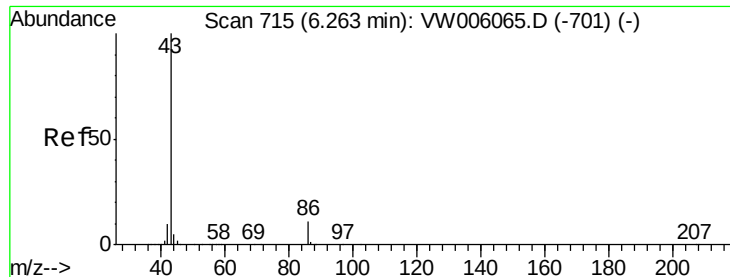
Ion 45.00 (44.70 to 45.70): VW

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: 279.696 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

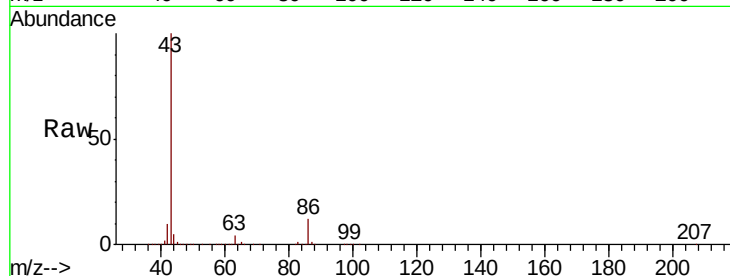
VSTDCCC050

Tot Ion: 43 Resp: 810931

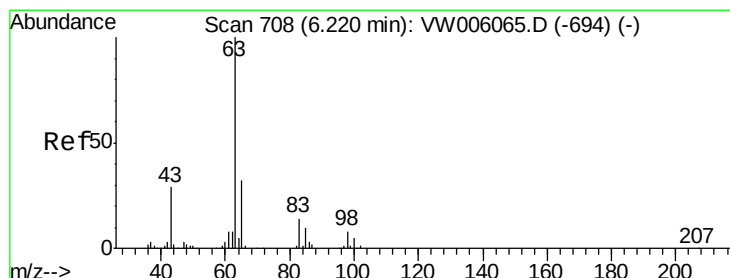
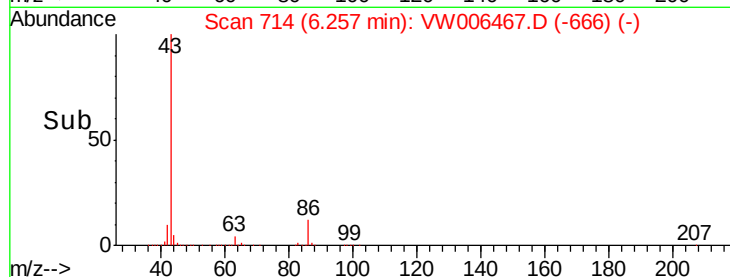
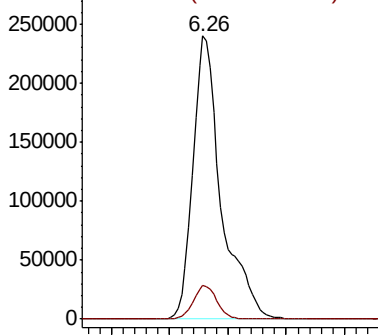
Ion Ratio Lower Upper

43 100

86 11.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 60.199 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

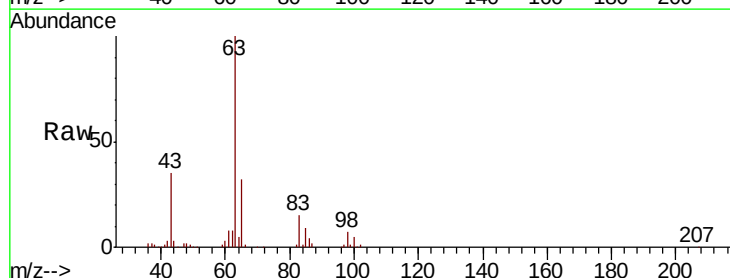
Tgt Ion: 63 Resp: 190836

Ion Ratio Lower Upper

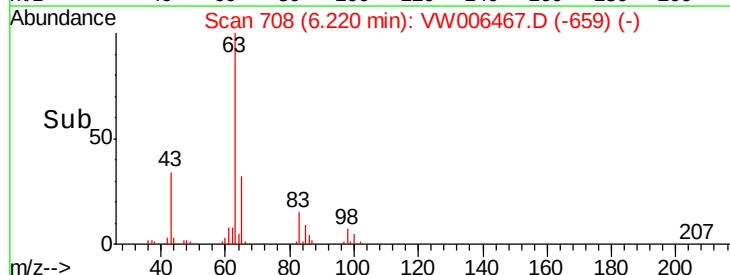
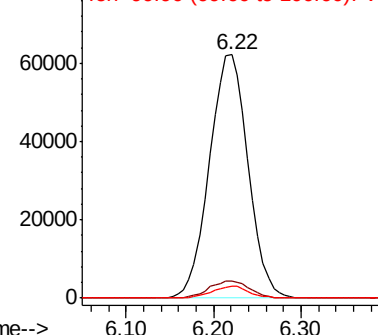
63 100

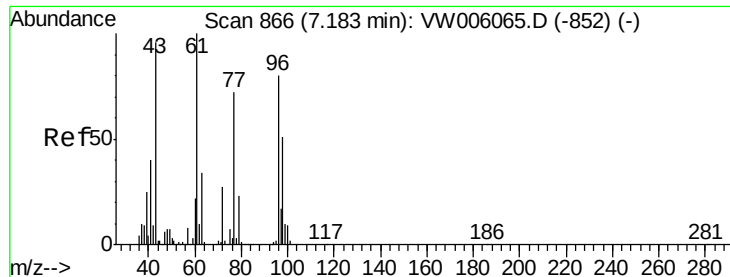
98 6.9 3.8 11.2

100 4.9 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 282.756 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampled :

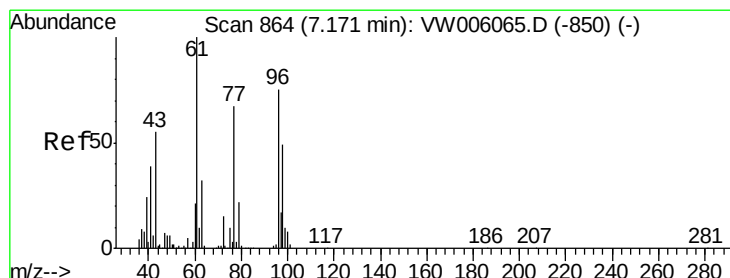
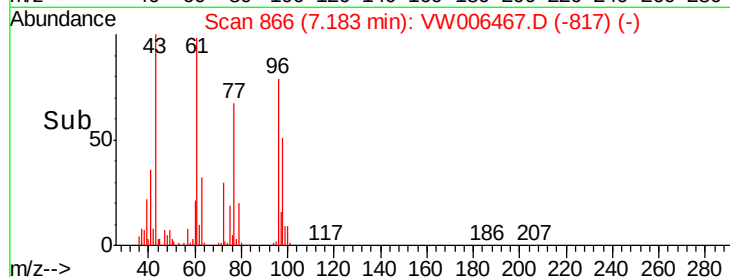
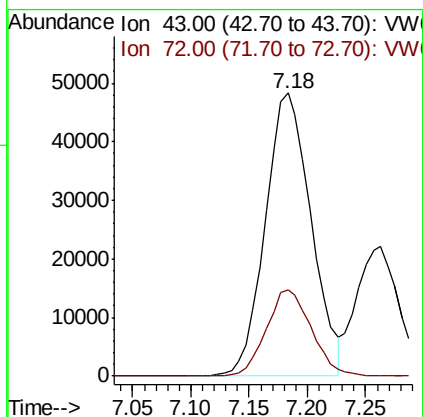
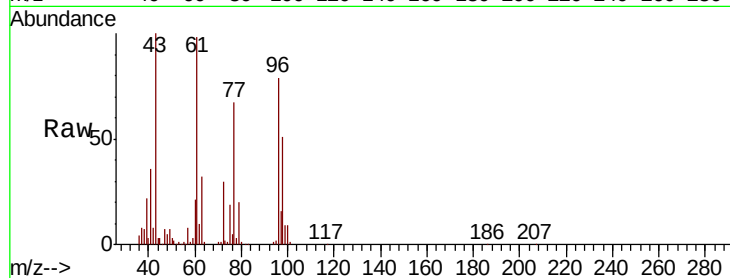
VSTDCCC050

Tot Ion: 43 Resp: 131783

Ion Ratio Lower Upper

43 100

72 30.4 22.8 34.2



#26

2,2-Dichloropropane

Concen: 55.157 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006467.D

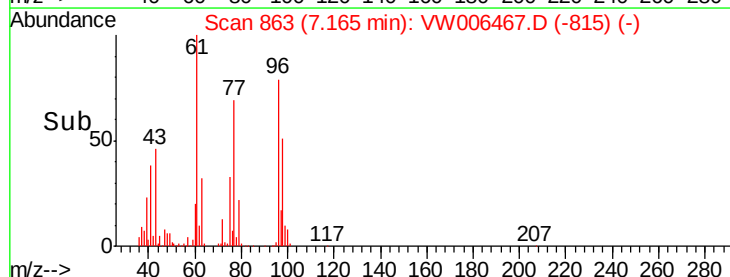
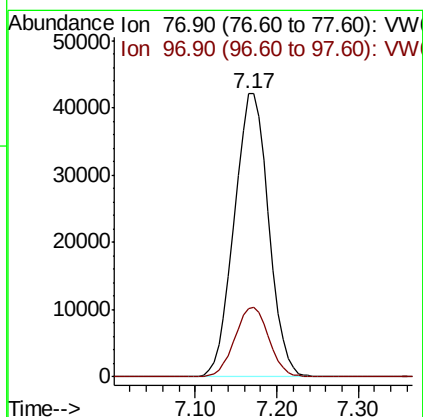
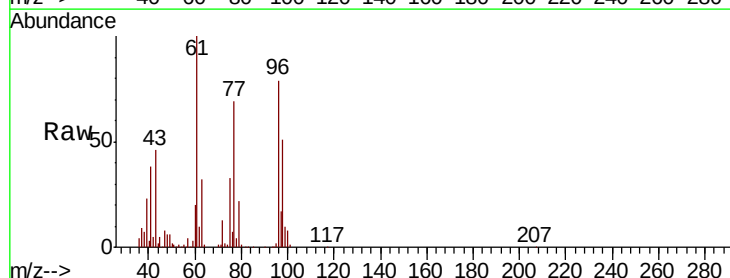
Acq: 29 Oct 2018 22:25

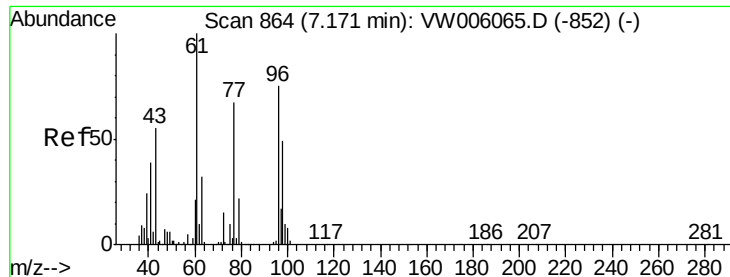
Tgt Ion: 77 Resp: 123321

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.4



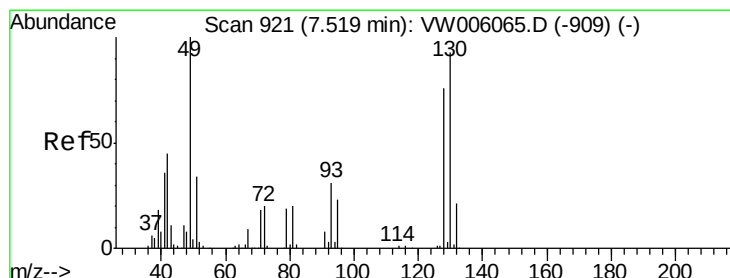
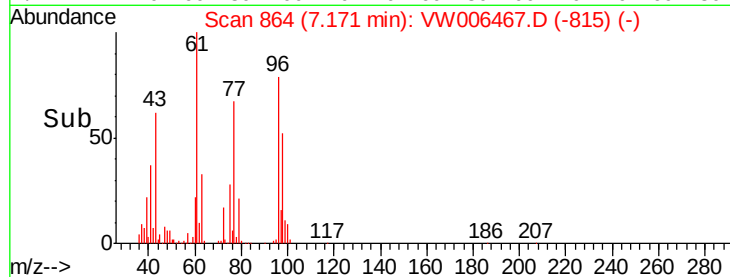
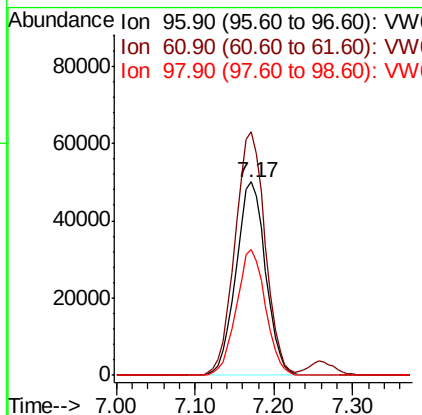
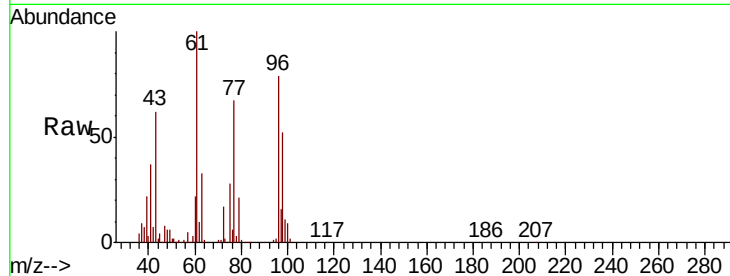


#27

cis-1,2-Dichloroethene
 Concen: 61.026 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

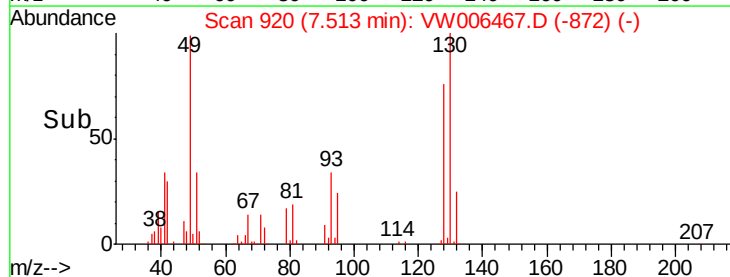
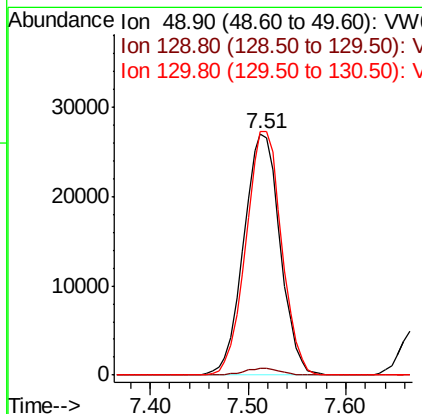
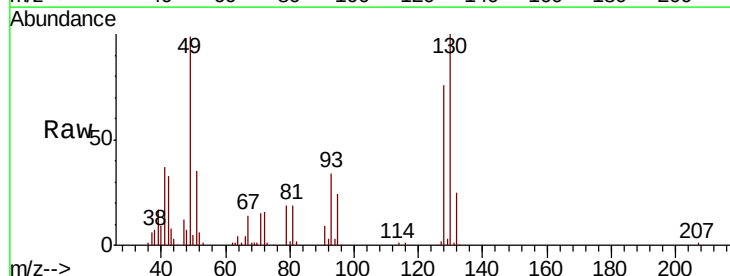
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	267.2
98	64.0	0.0	128.6

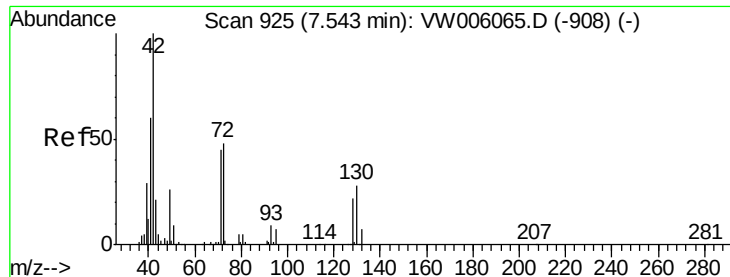


#28

Bromochloromethane
 Concen: 56.897 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	99.2	73.8	110.8





#29

Tetrahydrofuran

Concen: 270.011 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

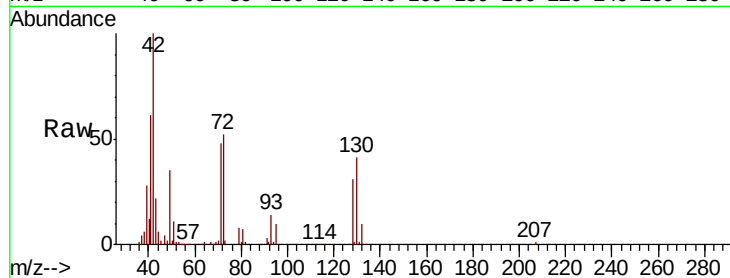
Tot Ion: 42 Resp: 77353

Ion Ratio Lower Upper

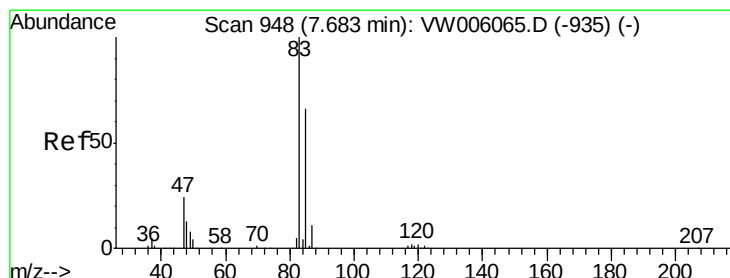
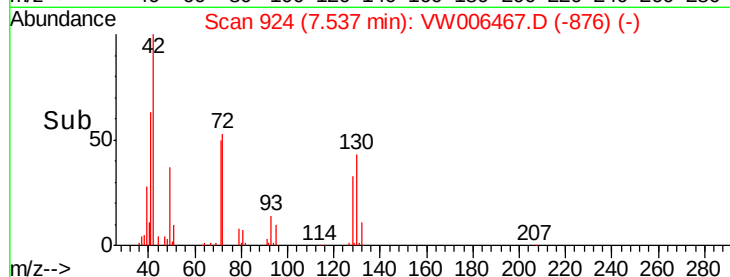
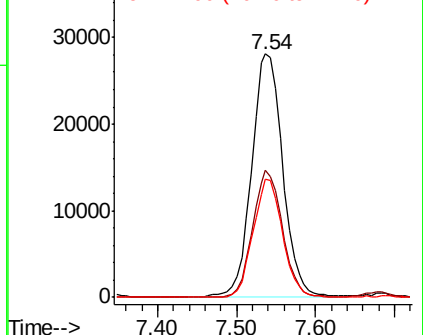
42 100

72 49.7 38.0 57.0

71 46.1 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: 61.232 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006467.D

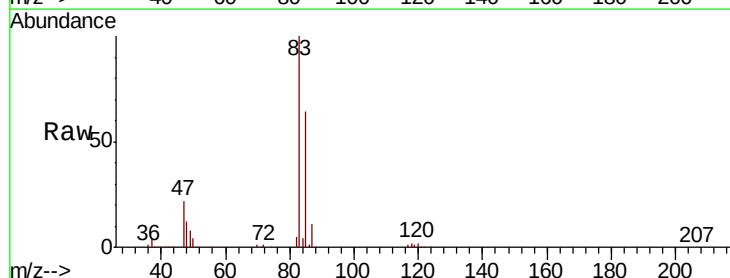
Acq: 29 Oct 2018 22:25

Tgt Ion: 83 Resp: 211482

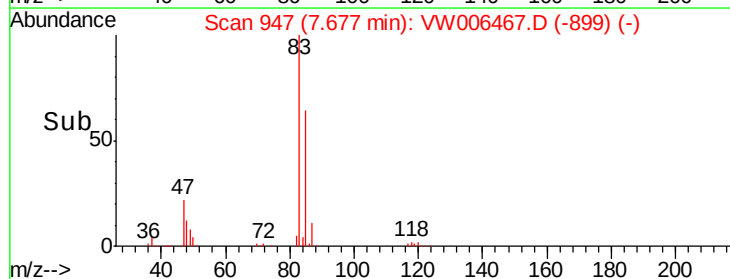
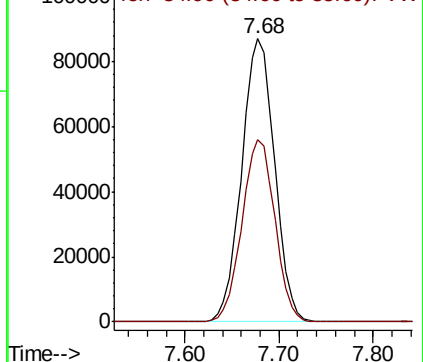
Ion Ratio Lower Upper

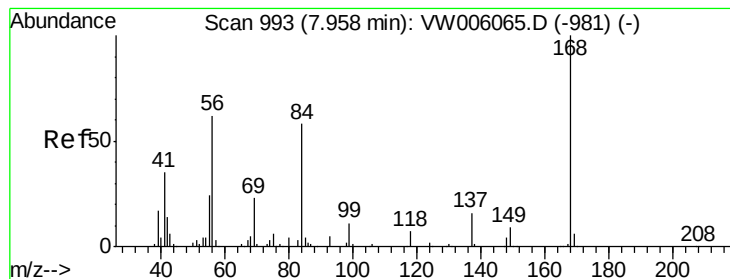
83 100

85 64.2 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: 50.925 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

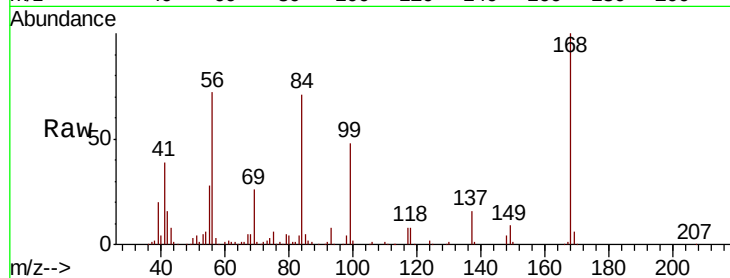
Tot Ion: 56 Resp: 160766

Ion Ratio Lower Upper

56 100

69 35.6 29.4 44.0

84 96.9 74.0 111.0

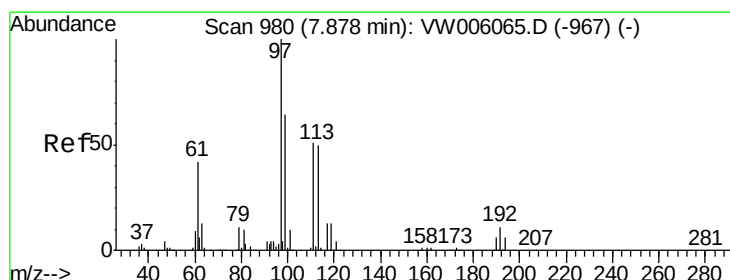
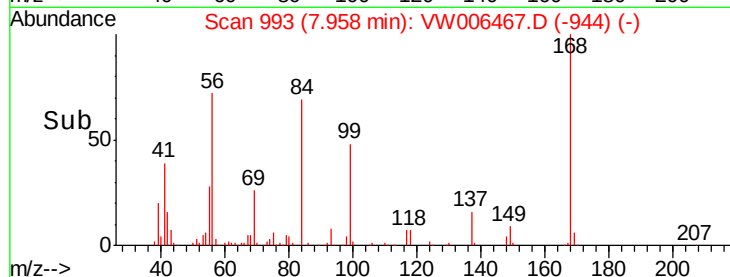
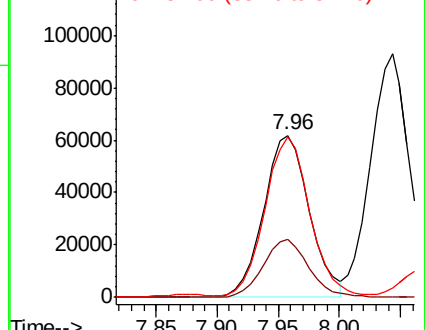


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 58.431 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

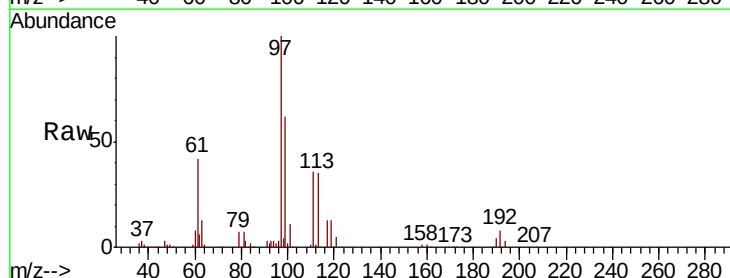
Tgt Ion: 97 Resp: 182044

Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 41.7 33.7 50.5

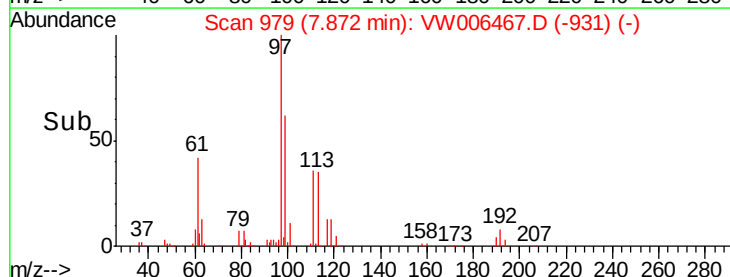
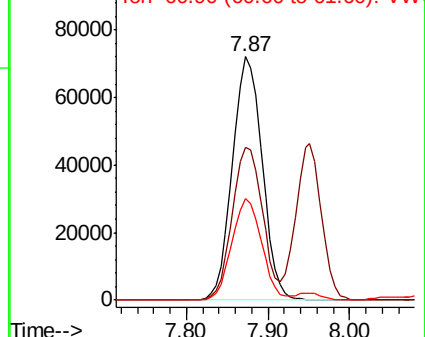


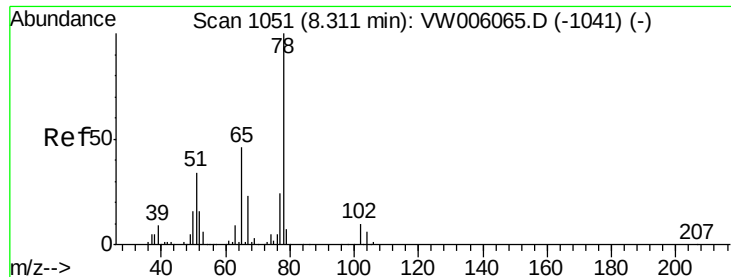
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

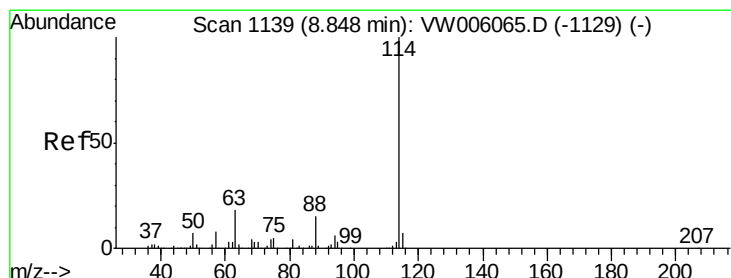
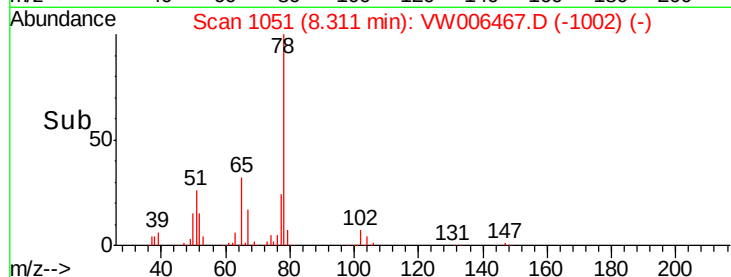
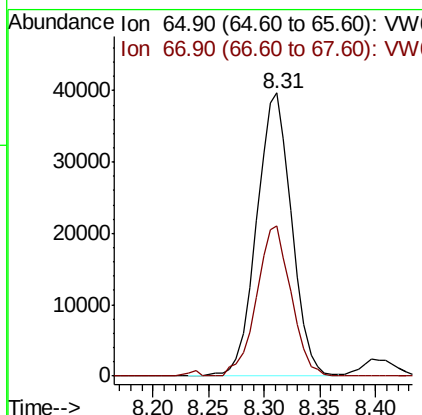
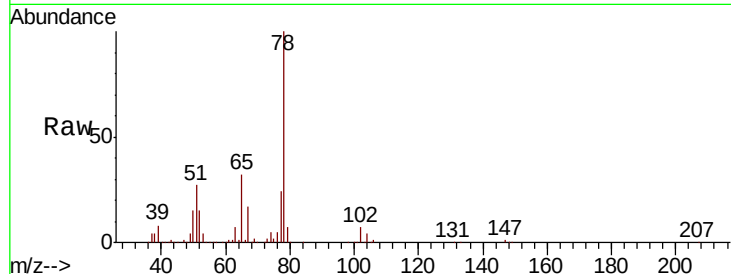




#33
 1,2-Dichloroethane-d4
 Concen: 50.201 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

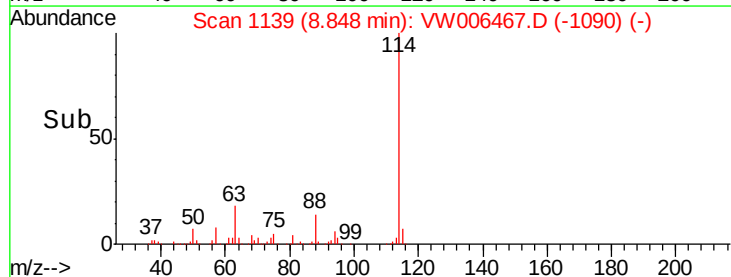
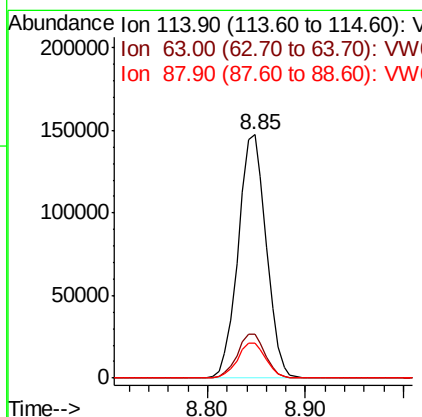
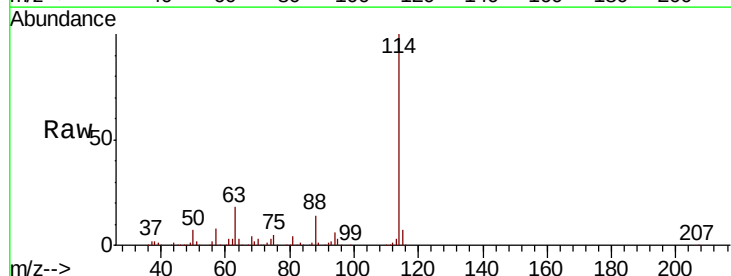
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

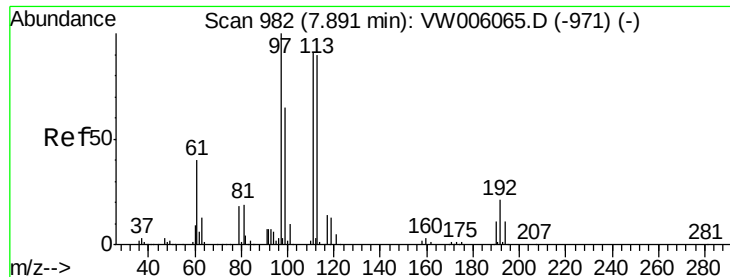
Tot Ion: 65 Resp: 86608
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion: 114 Resp: 293572
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 14.2 0.0 29.0

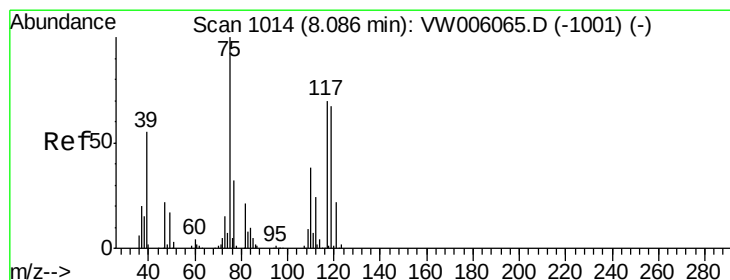
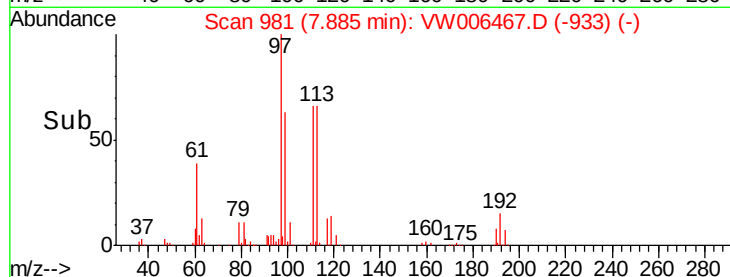
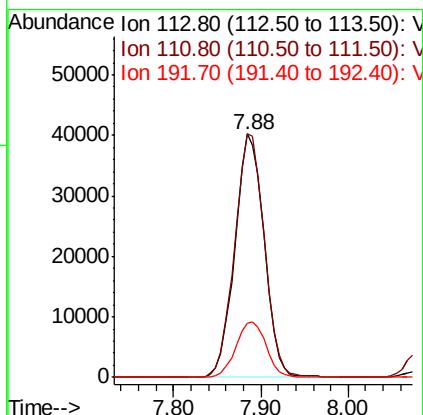
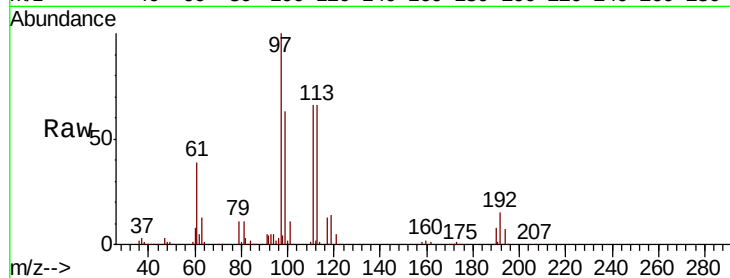




#35
 Dibromofluoromethane
 Concen: 53.770 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

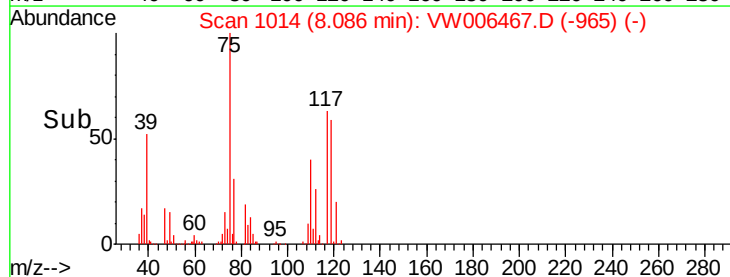
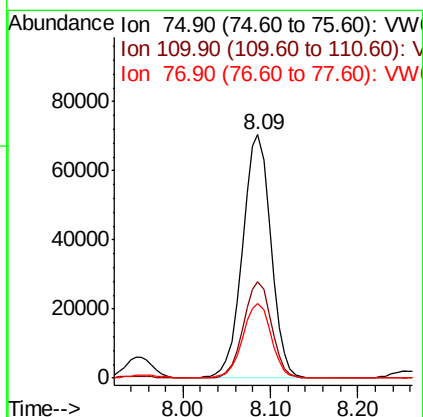
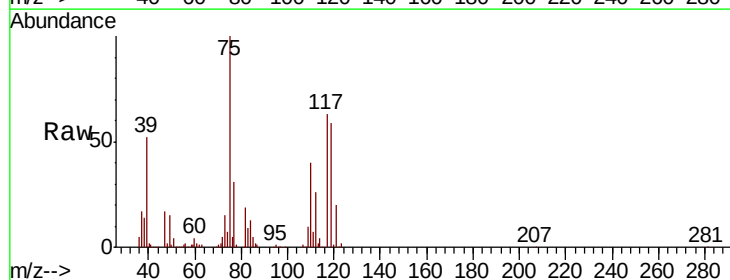
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

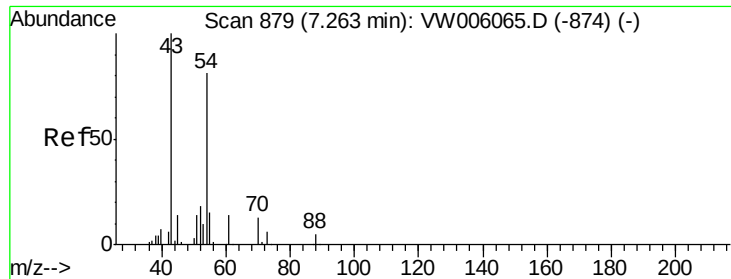
Tot Ion:113 Resp: 93275
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 23.3 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 58.602 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion: 75 Resp: 158571
 Ion Ratio Lower Upper
 75 100
 110 39.0 19.1 57.1
 77 31.0 25.0 37.4

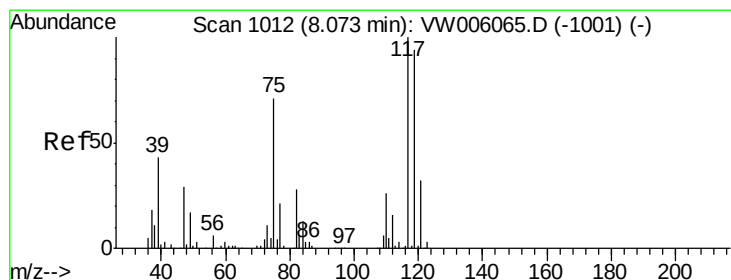
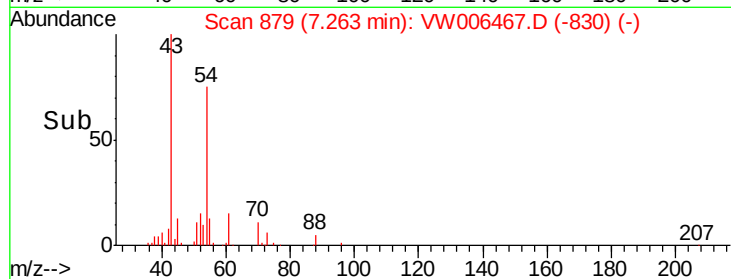
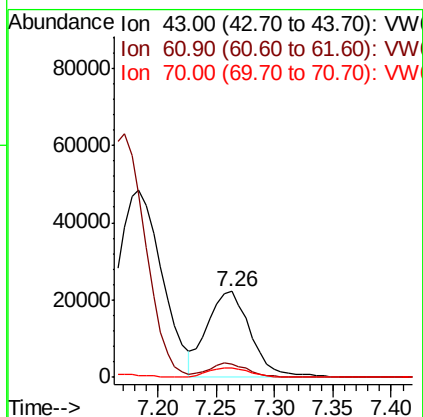
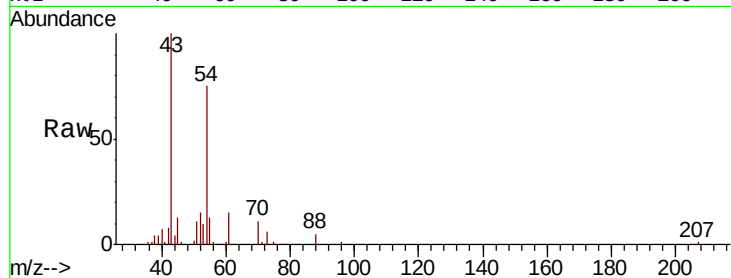




#37
Ethyl Acetate
Concen: 56.555 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

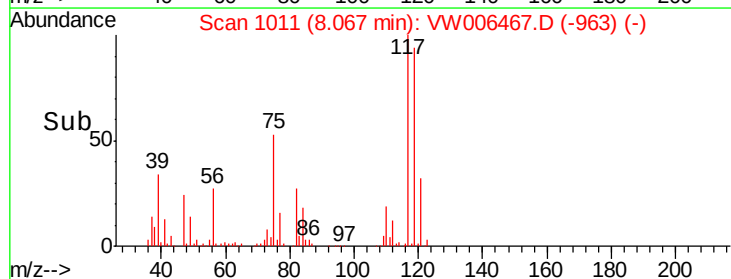
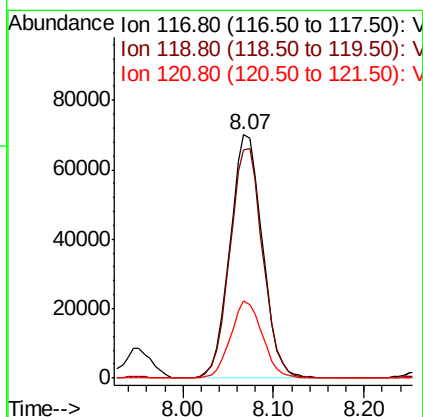
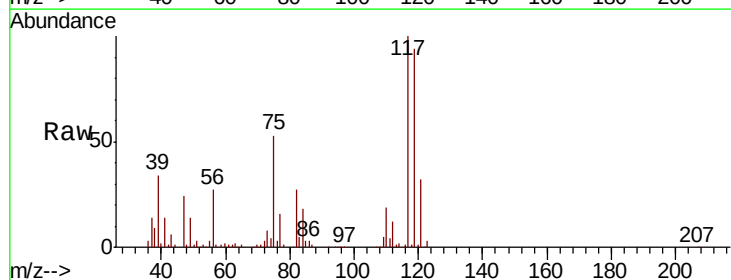
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

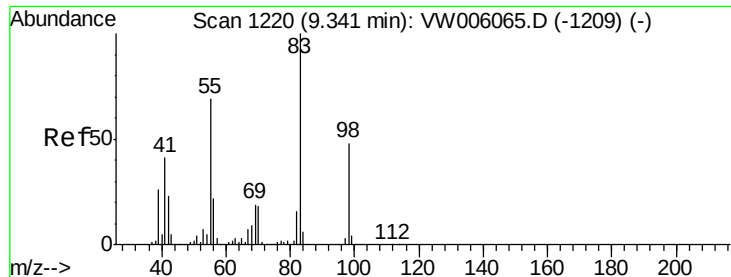
Tot Ion: 43 Resp: 56858
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 58.577 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion: 117 Resp: 173759
Ion Ratio Lower Upper
117 100
119 93.9 75.2 112.8
121 31.5 25.3 37.9

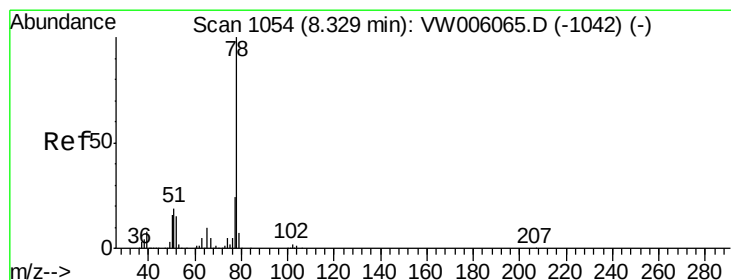
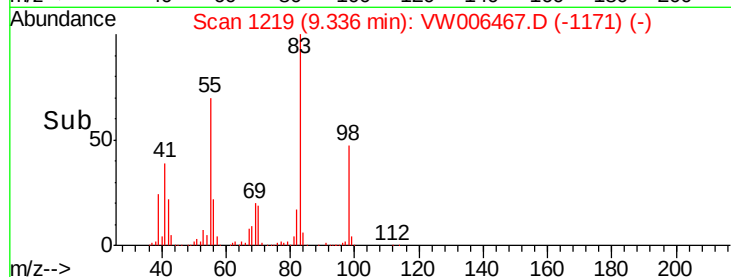
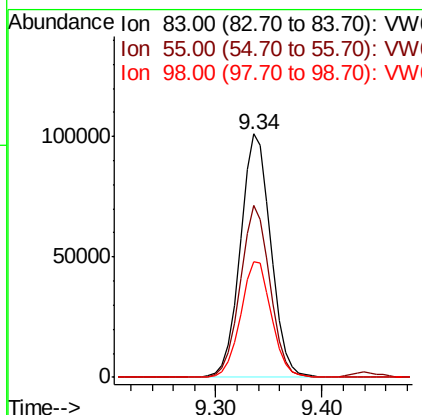
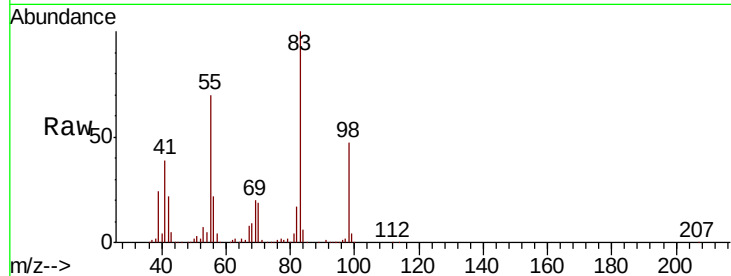




#39
Methylvlcyclohexane
Concen: 56.503 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

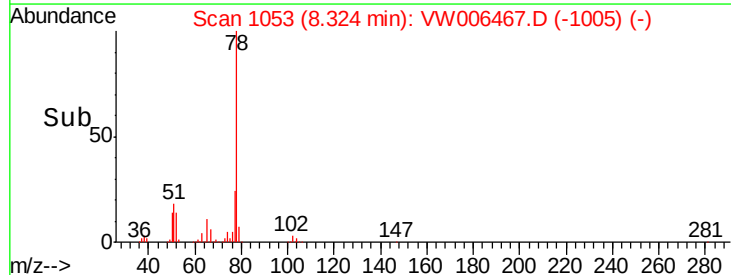
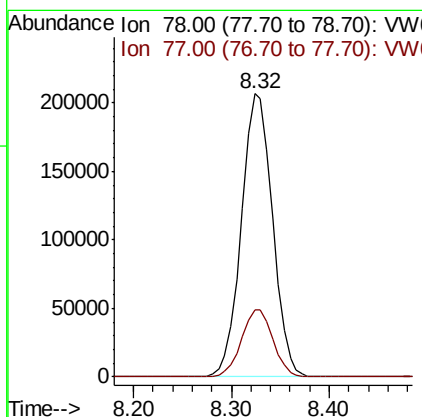
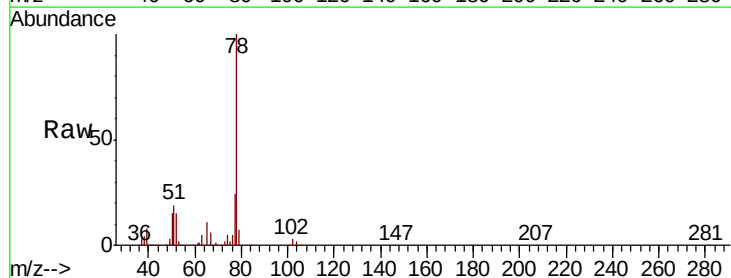
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

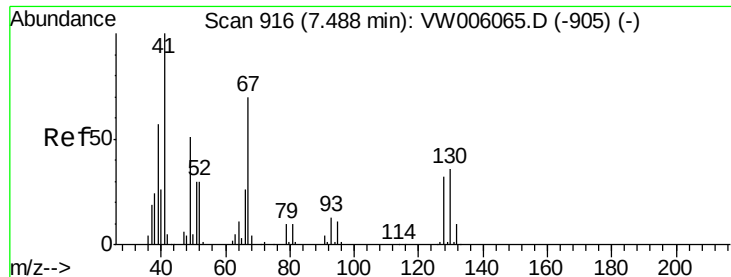
Tot Ion: 83 Resp: 203234
Ion Ratio Lower Upper
83 100
55 70.5 55.0 82.6
98 47.4 38.6 57.8



#40
Benzene
Concen: 61.391 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion: 78 Resp: 455677
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

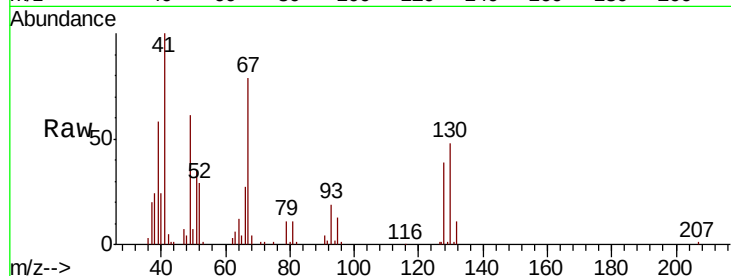




#41
Methacrylonitrile
Concen: 52.958 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	32096
Ion	Ratio	Lower	Upper
41	100		
39	62.0	46.2	69.4
67	83.1	57.7	86.5
52	34.7	24.7	37.1



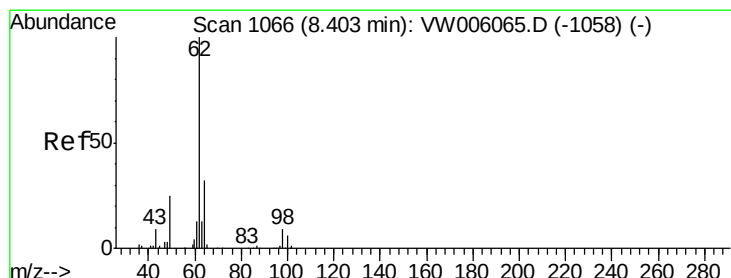
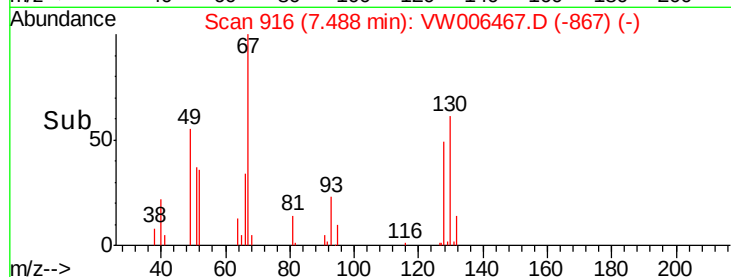
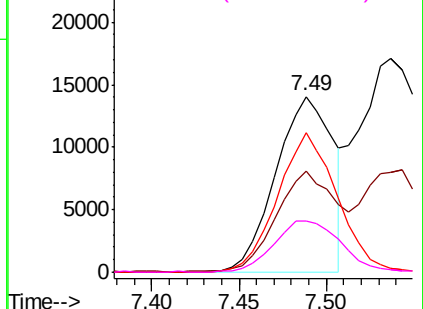
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

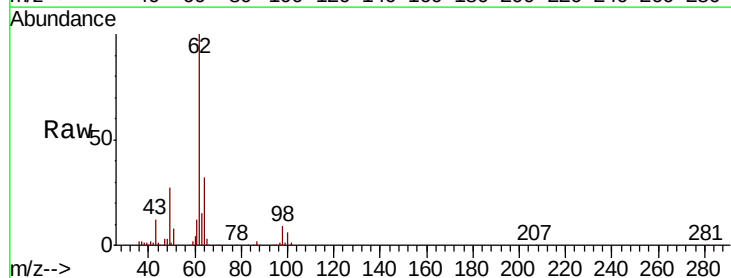
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 60.291 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

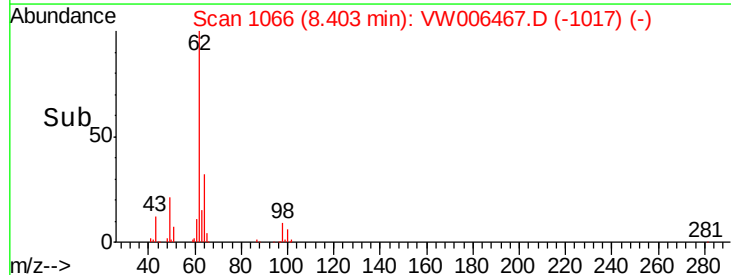
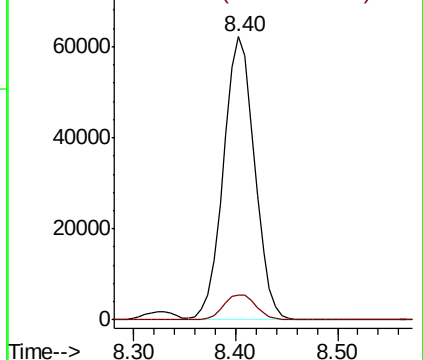
Tgt Ion:	62	Resp:	131479
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4

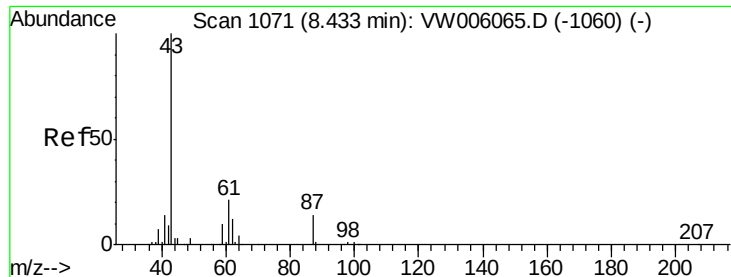


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 54.348 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

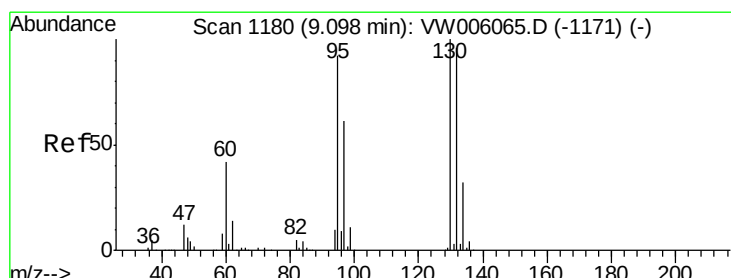
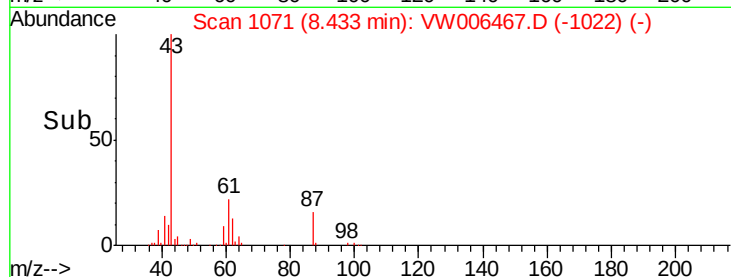
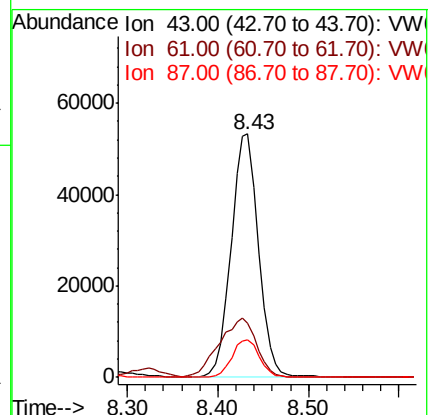
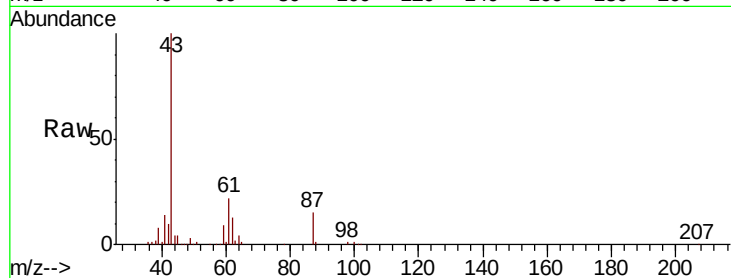
Tot Ion: 43 Resp: 111716

Ion	Ratio	Lower	Upper
43	100		
61	33.2	25.5	38.3
87	15.6	11.7	17.5

43 100

61 33.2 25.5 38.3

87 15.6 11.7 17.5



#44

Trichloroethene

Concen: 60.547 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006467.D

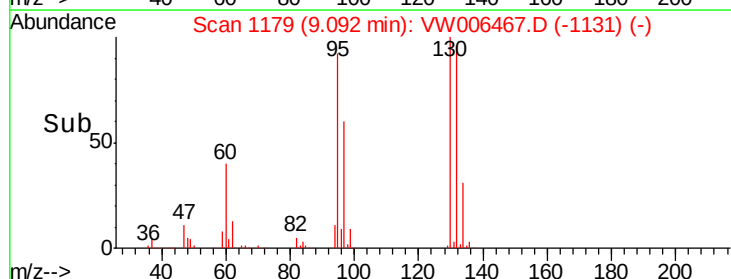
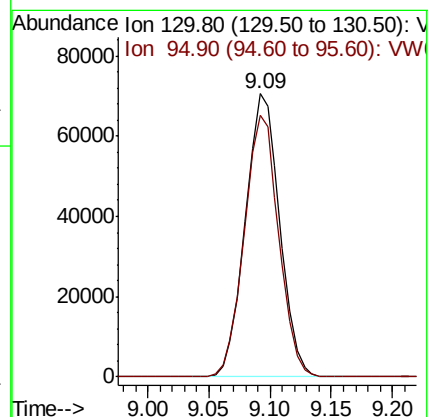
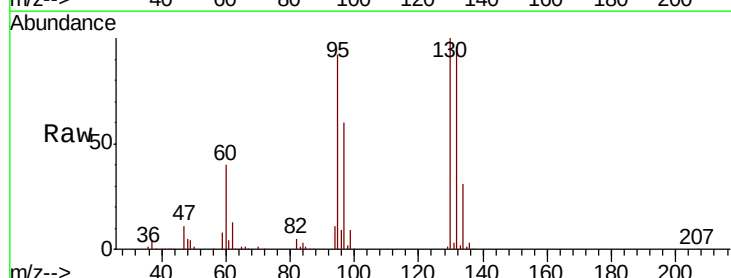
Acq: 29 Oct 2018 22:25

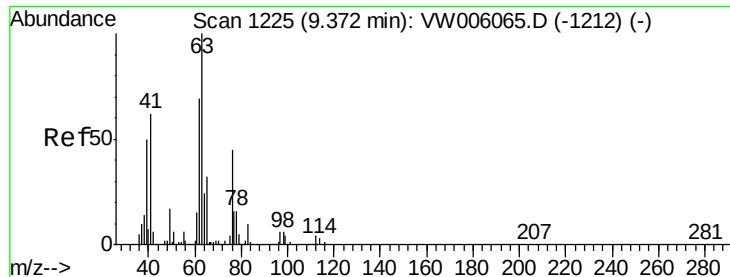
Tgt Ion: 130 Resp: 137878

Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	183.2

130 100

95 92.4 0.0 183.2

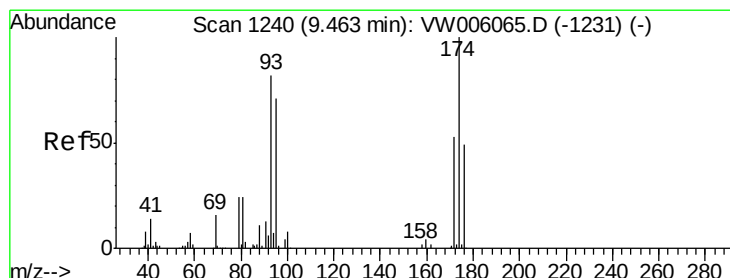
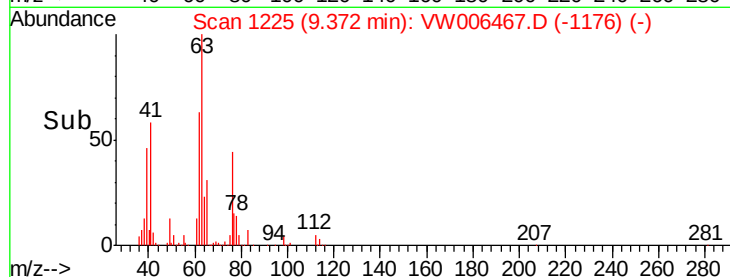
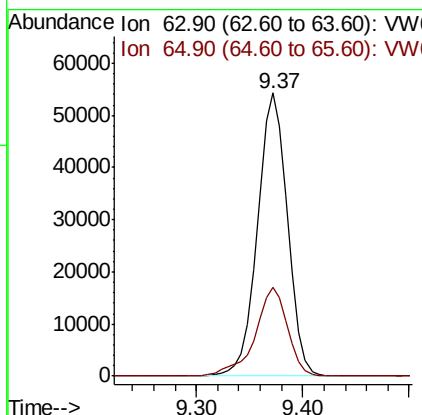
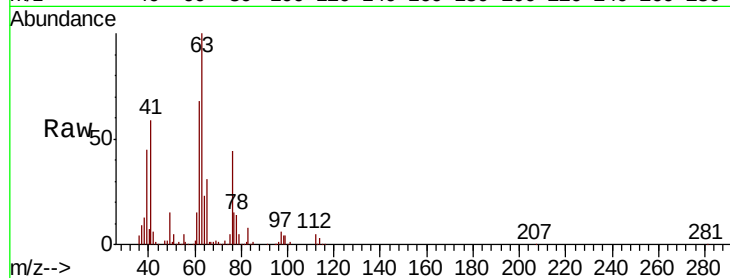




#45
 1,2-Dichloropropane
 Concen: 60.316 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

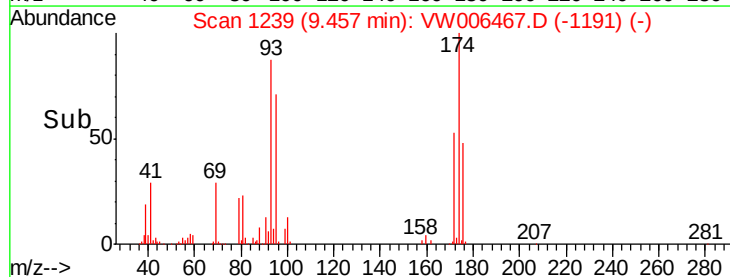
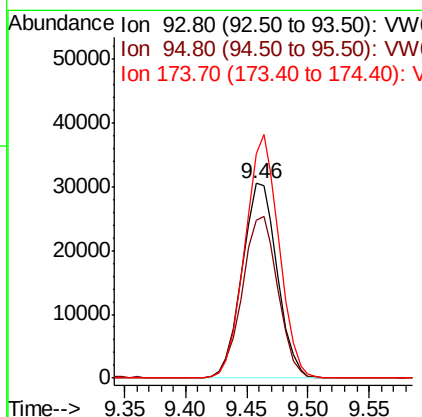
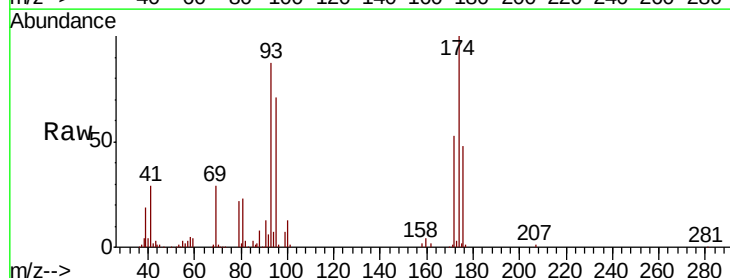
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

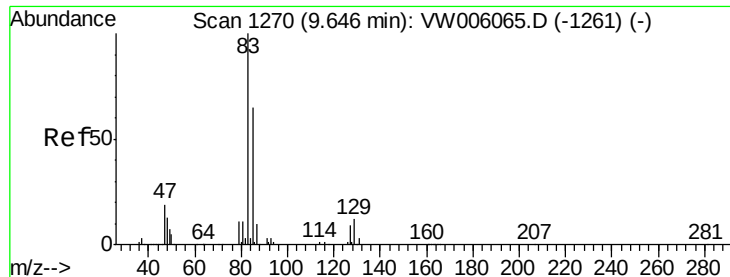
Tot Ion: 63 Resp: 107130
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.4 38.0



#46
 Dibromomethane
 Concen: 60.204 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion: 93 Resp: 60946
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.7 101.5
 174 120.9 93.7 140.5

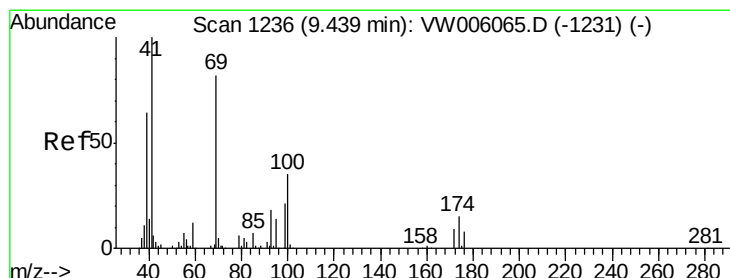
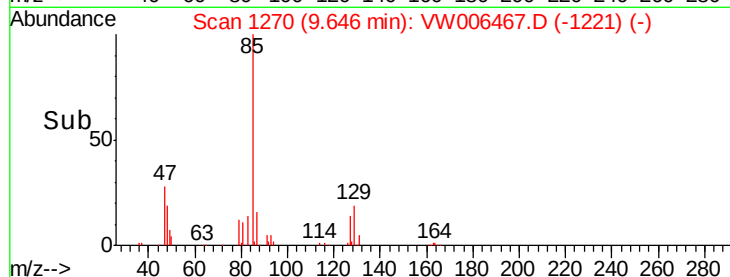
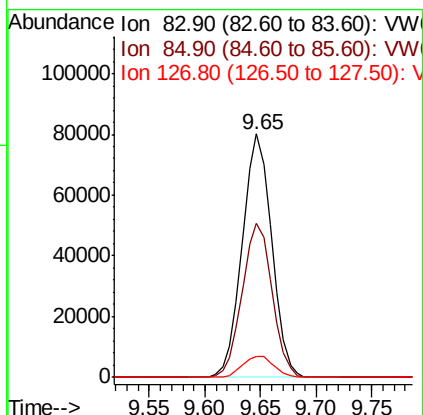
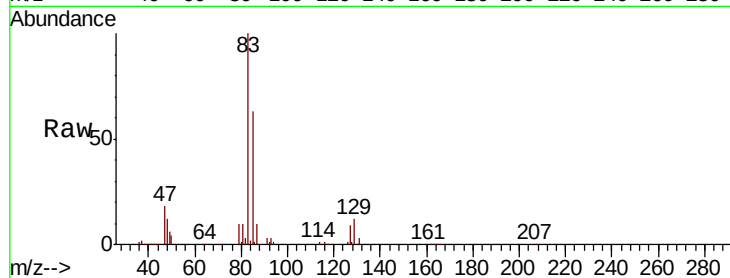




#47
Bromodichloromethane
Concen: 60.149 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

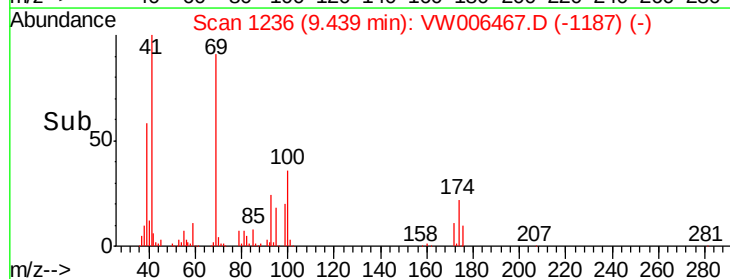
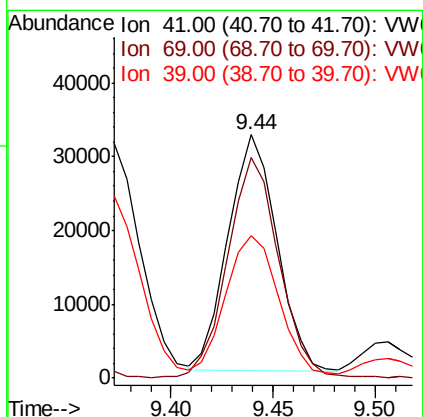
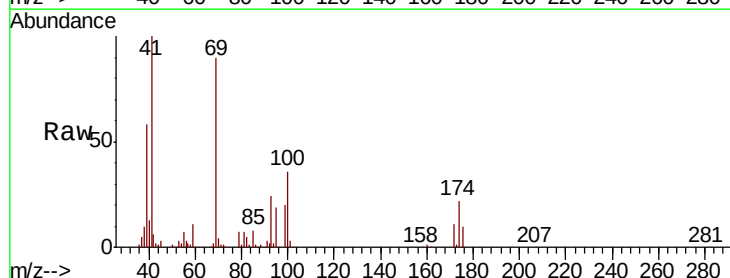
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

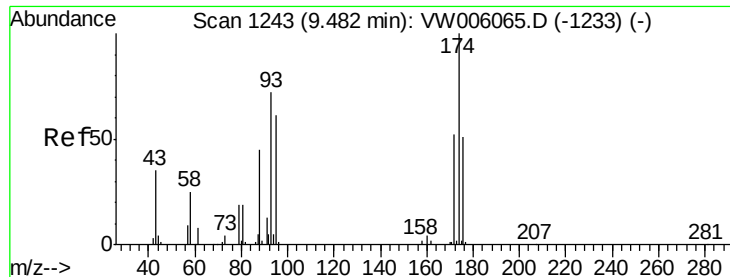
Tot Ion	83	Resp	147625
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.8	77.8
127	8.6	6.9	10.3



#48
Methyl methacrylate
Concen: 54.632 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion	41	Resp	53232
Ion Ratio	Lower	Upper	
41	100		
69	98.6	71.8	107.8
39	62.6	52.5	78.7





#49

1,4-Dioxane

Concen: 1224.942 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

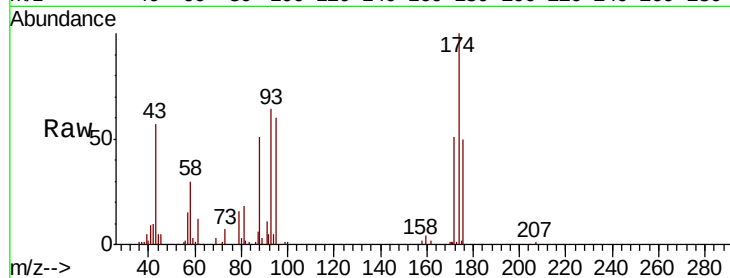
Tot Ion: 88 Resp: 19090

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

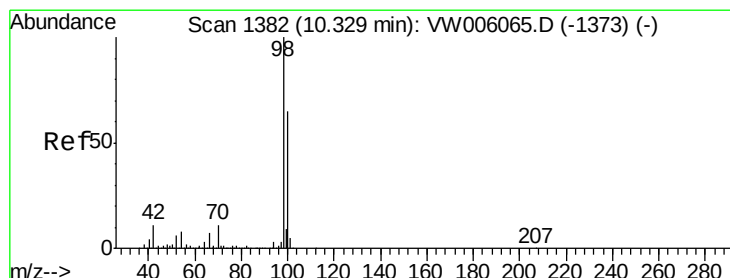
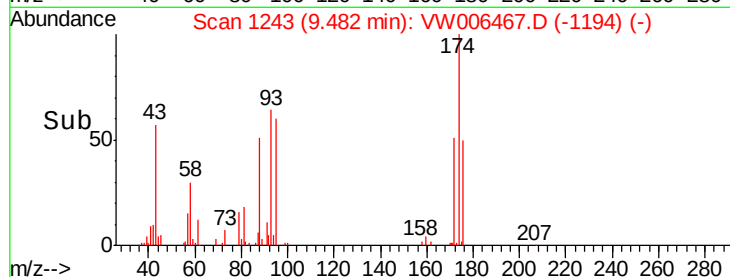
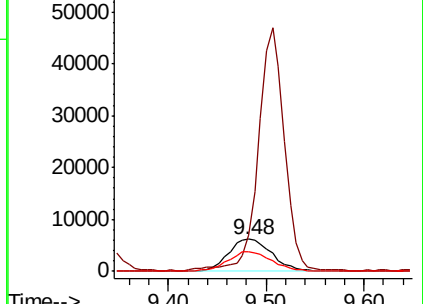
58 61.9 51.2 76.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.180 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006467.D

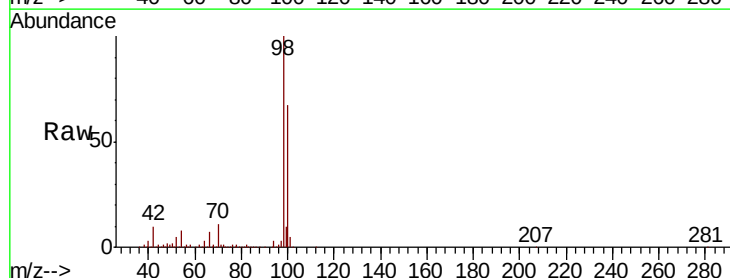
Acq: 29 Oct 2018 22:25

Tgt Ion: 98 Resp: 337771

Ion Ratio Lower Upper

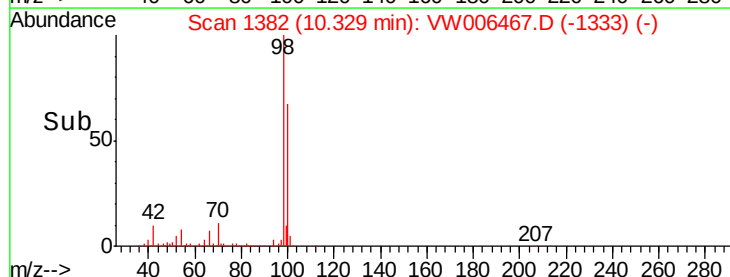
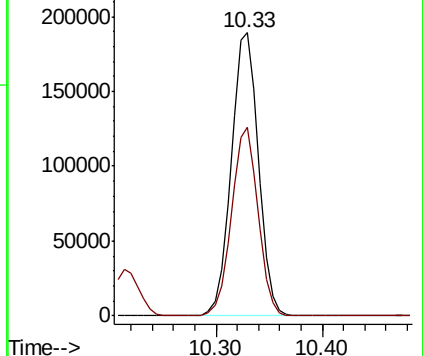
98 100

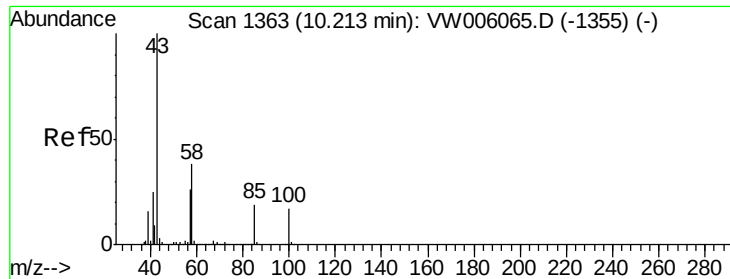
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

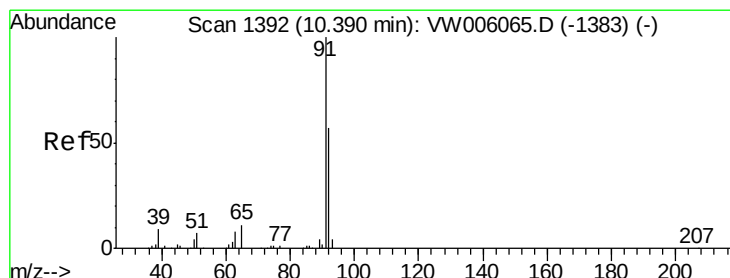
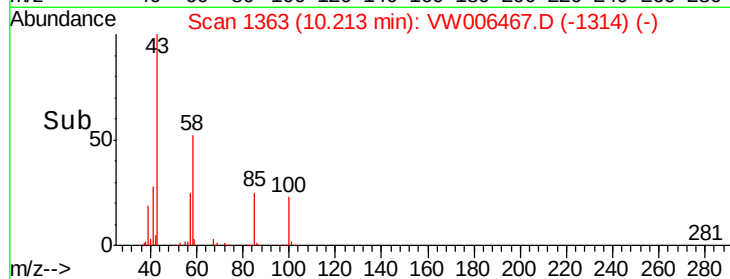
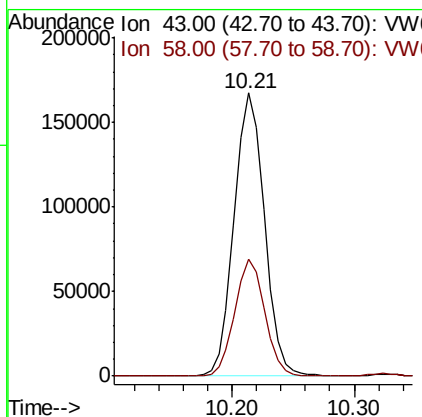
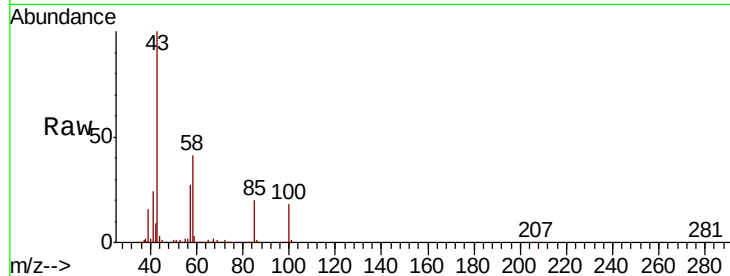




#51
 4-Methyl-2-Pentanone
 Concen: 279.060 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

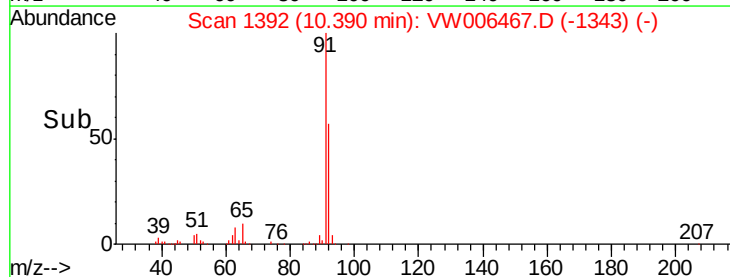
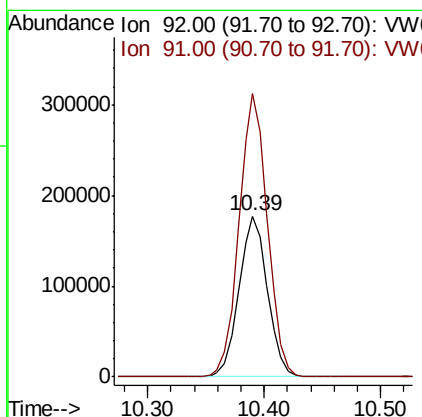
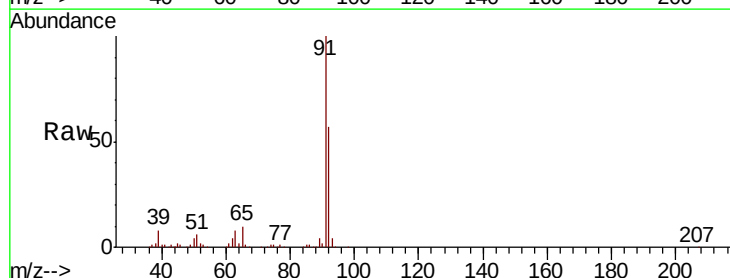
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

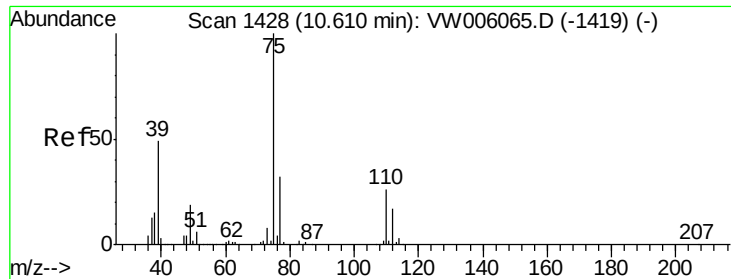
Tot Ion: 43 Resp: 287411
 Ion Ratio Lower Upper
 43 100
 58 41.0 31.5 47.3



#52
 Toluene
 Concen: 60.579 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion: 92 Resp: 301454
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.0 210.0

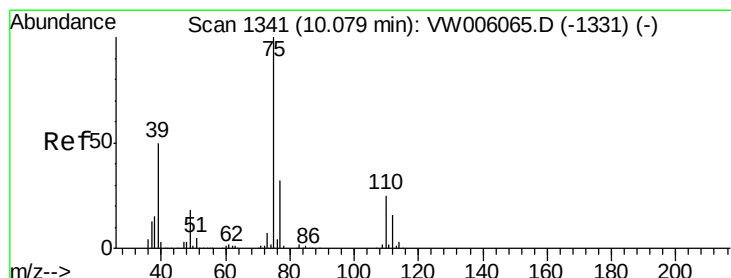
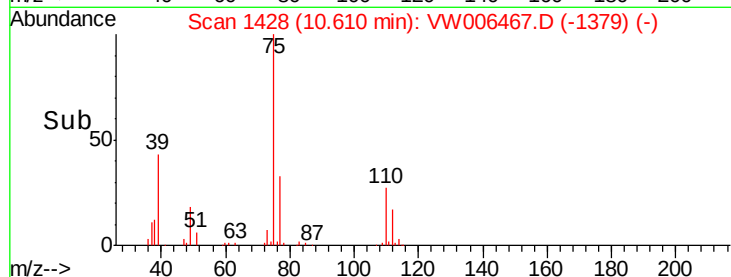
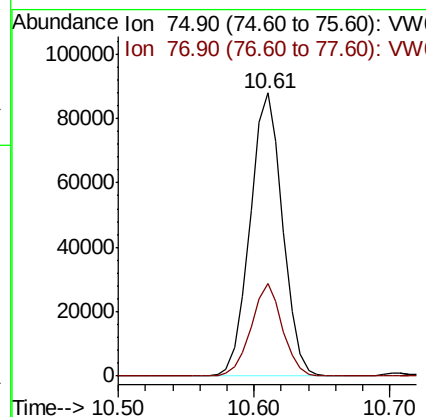
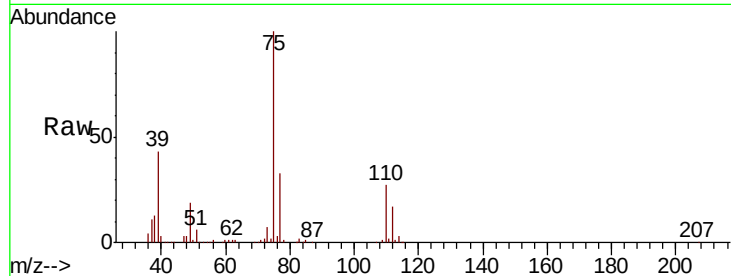




#53
t-1,3-Dichloropropene
Concen: 60.160 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

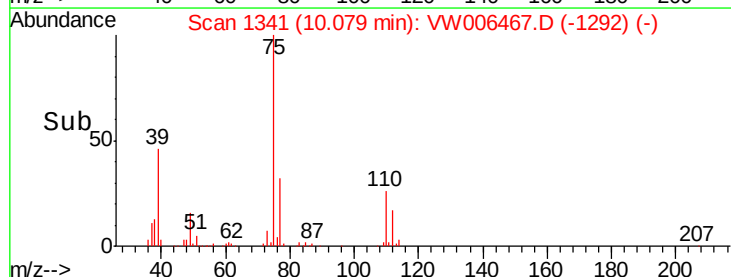
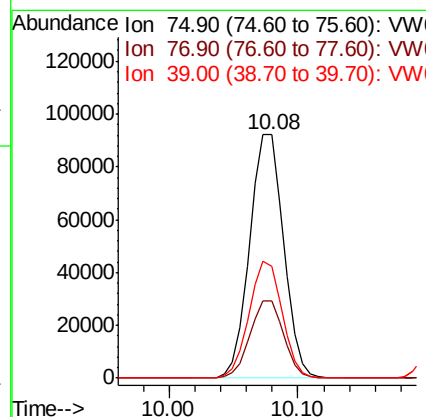
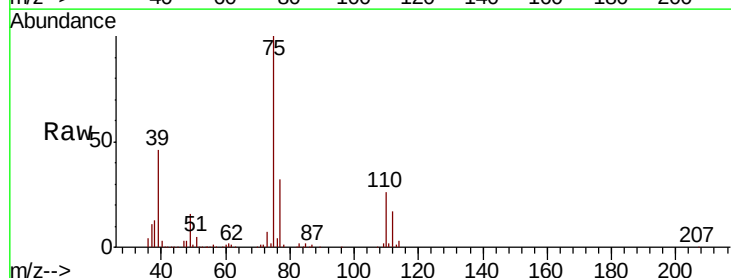
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

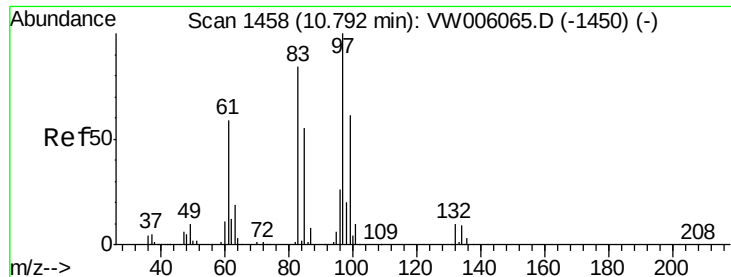
Tot Ion: 75 Resp: 147109
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 59.580 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion: 75 Resp: 167209
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 46.0 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 62.744 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

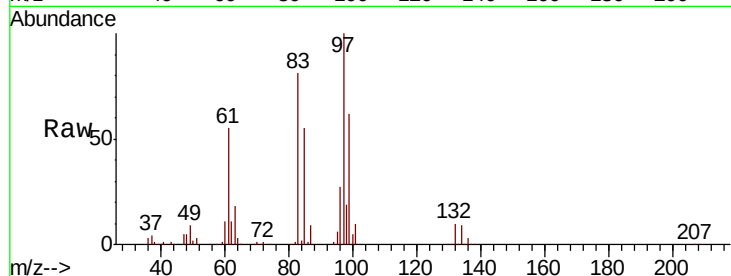
MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 88886

Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.2	100.8
85	54.6	43.7	65.5
99	62.0	48.5	72.7



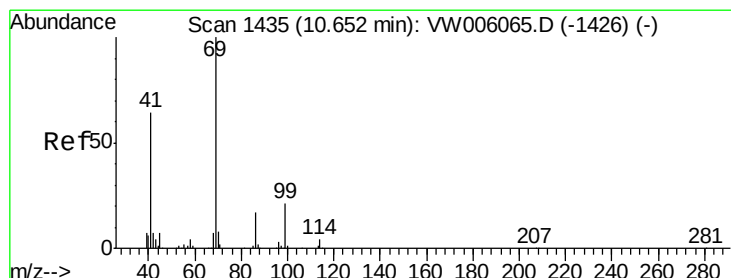
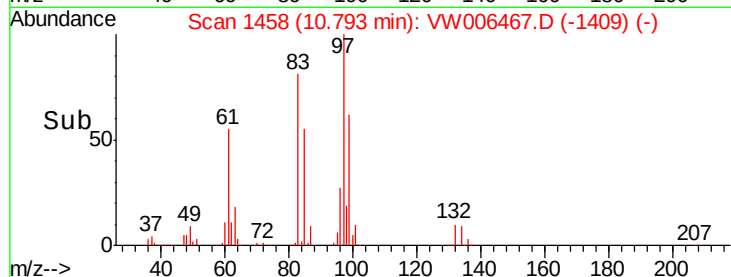
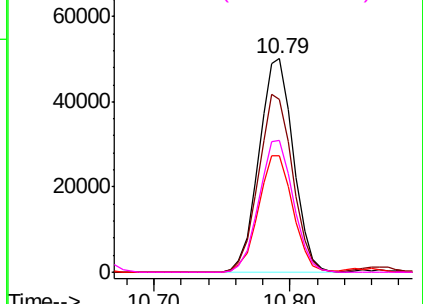
Abundance

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: 58.734 ug/l

RT: 10.65 min Scan# 1434

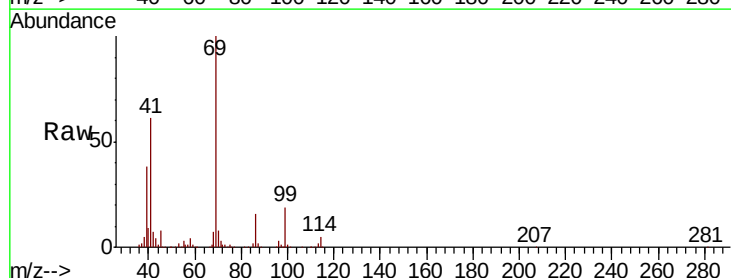
Delta R.T. -0.01 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Tgt Ion: 69 Resp: 102003

Ion	Ratio	Lower	Upper
69	100		
41	61.1	52.8	79.2
39	37.0	30.6	45.8

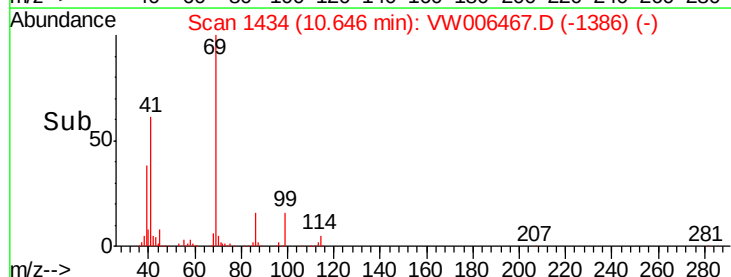
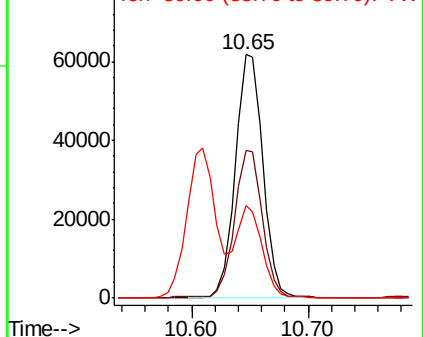


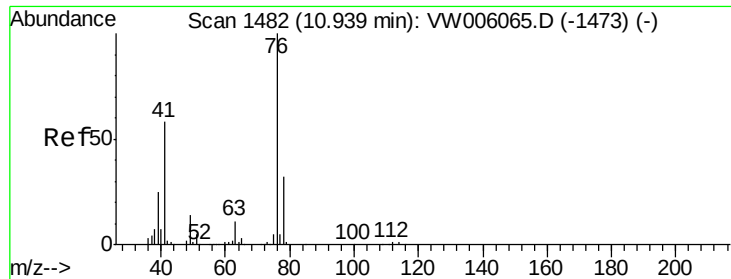
Abundance

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

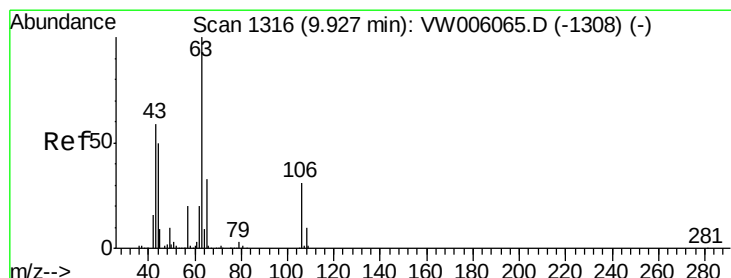
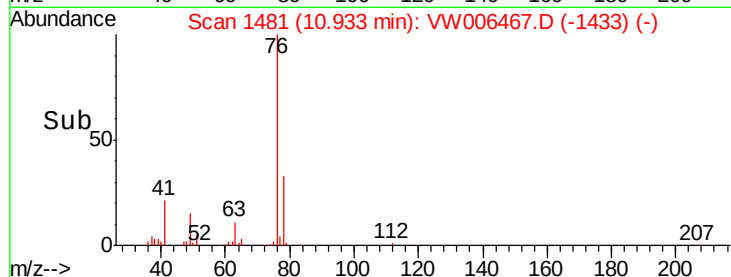
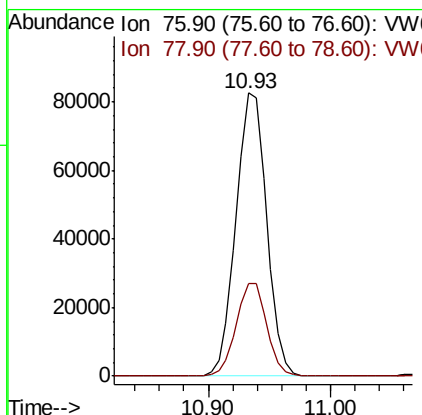
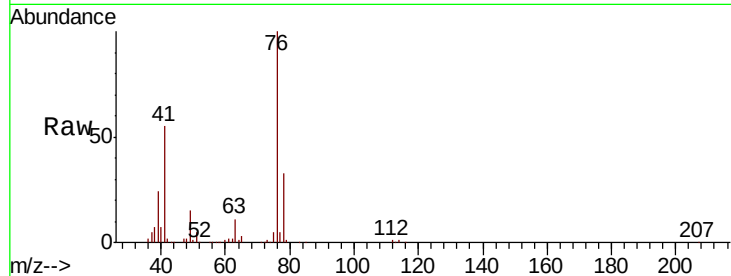




#57
 1,3-Dichloropropane
 Concen: 61.251 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

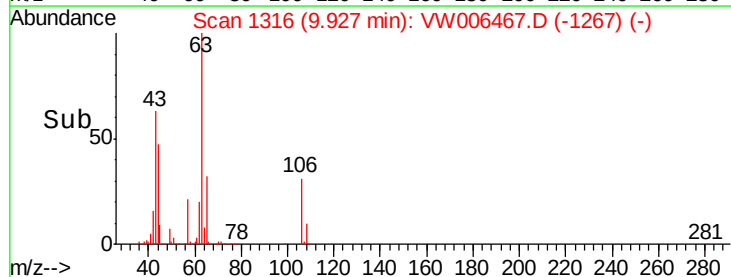
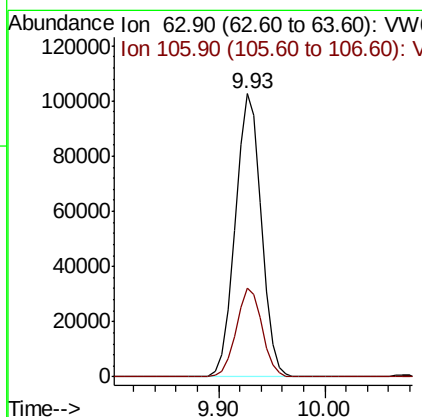
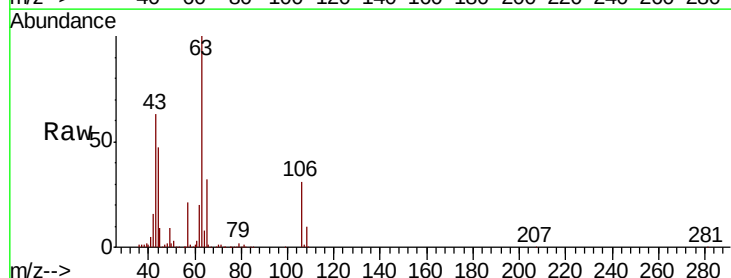
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

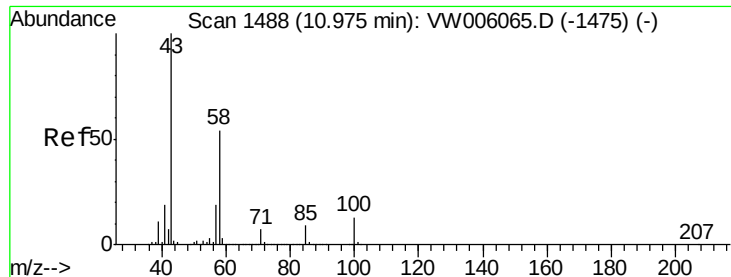
Tot Ion: 76 Resp: 143639
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.824 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion: 63 Resp: 175739
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.5 36.7

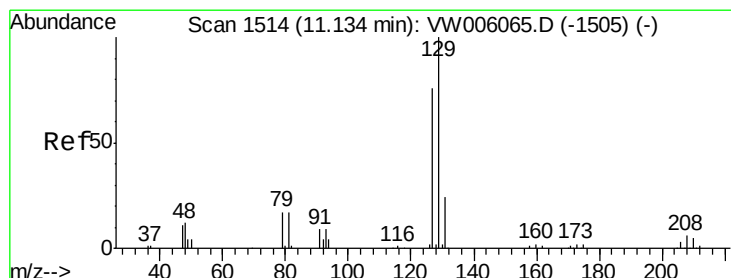
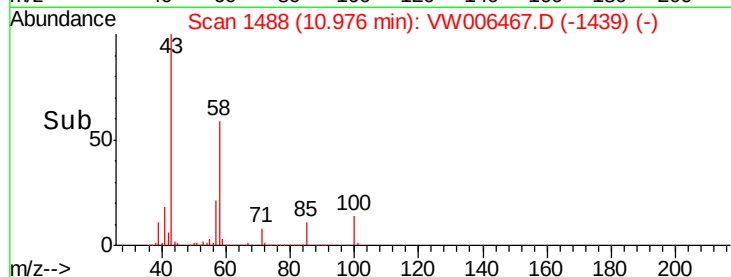
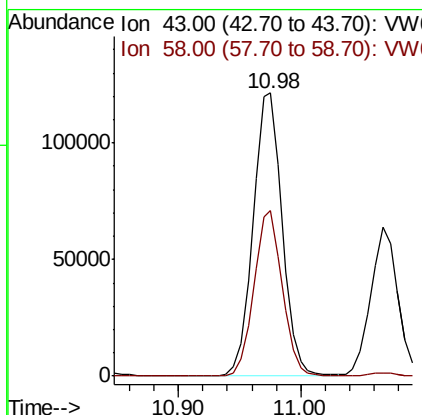
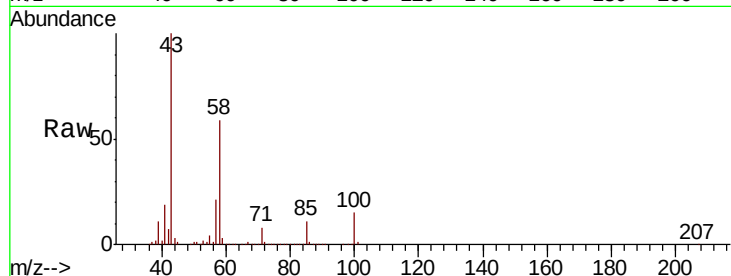




#59
2-Hexanone
Concen: 274.442 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

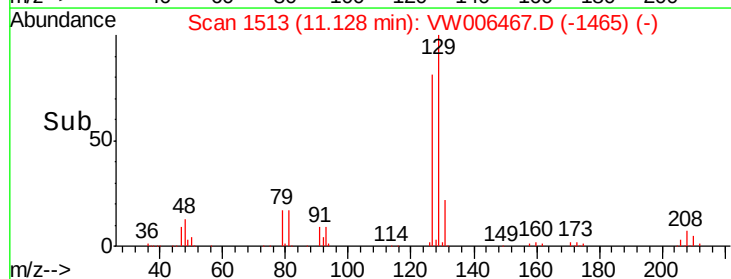
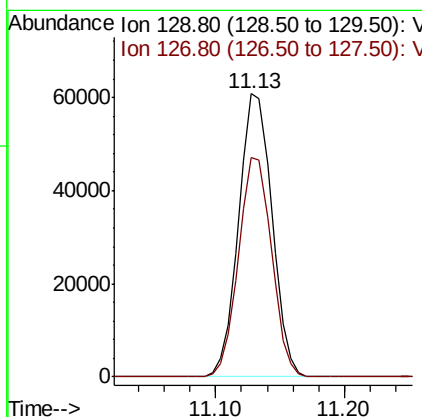
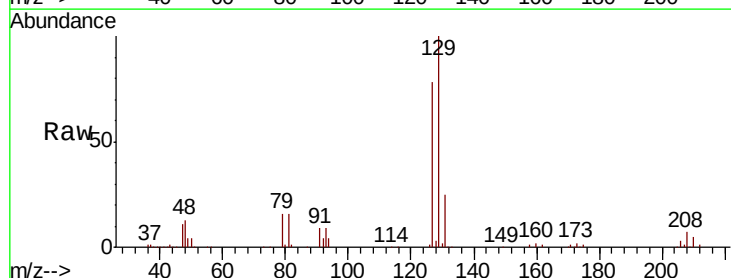
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

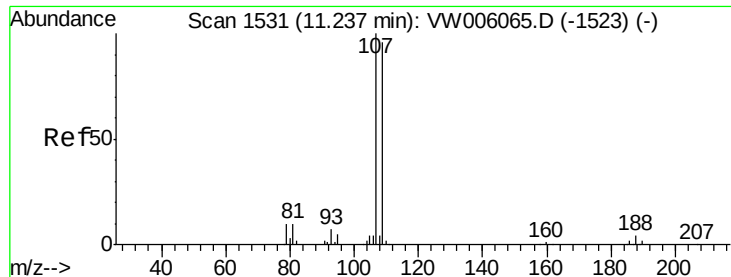
Tot Ion: 43 Resp: 201769
Ion Ratio Lower Upper
43 100
58 57.1 26.9 80.6



#60
Dibromochloromethane
Concen: 61.899 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion: 129 Resp: 109225
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7





#61

1,2-Dibromoethane

Concen: 61.793 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

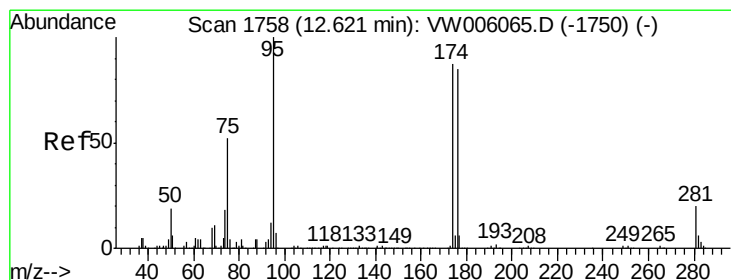
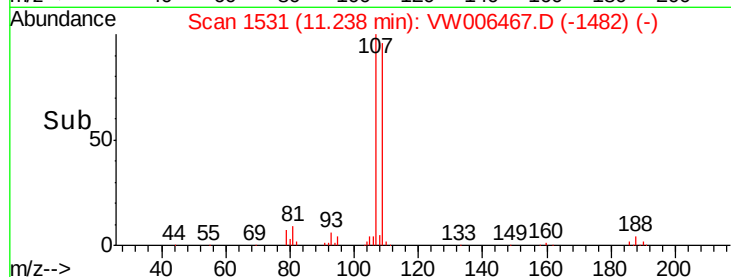
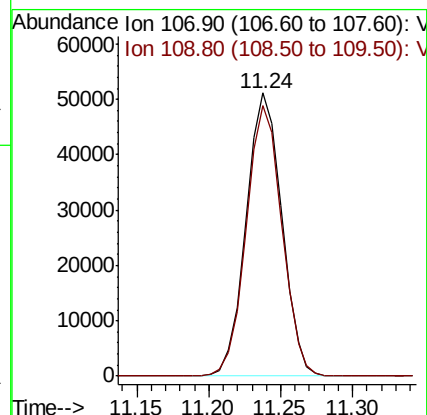
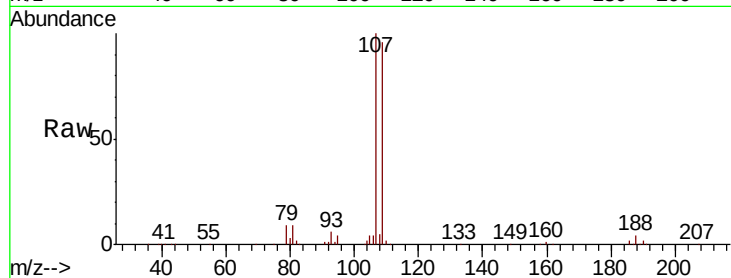
VSTDCCC050

Tot Ion:107 Resp: 87467

Ion Ratio Lower Upper

107 100

109 95.6 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 53.265 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

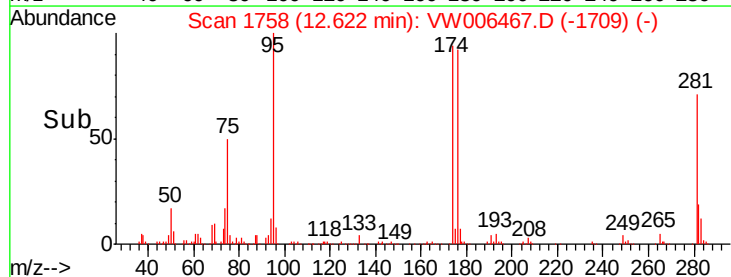
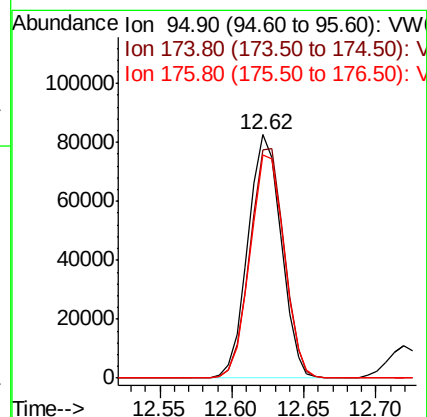
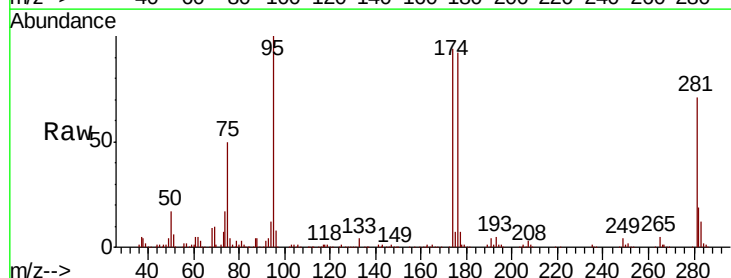
Tgt Ion: 95 Resp: 132031

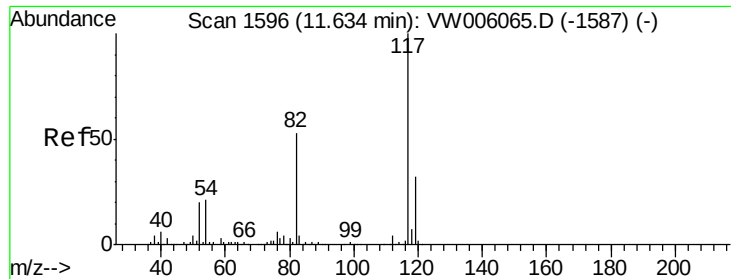
Ion Ratio Lower Upper

95 100

174 96.9 0.0 186.0

176 94.2 0.0 181.6

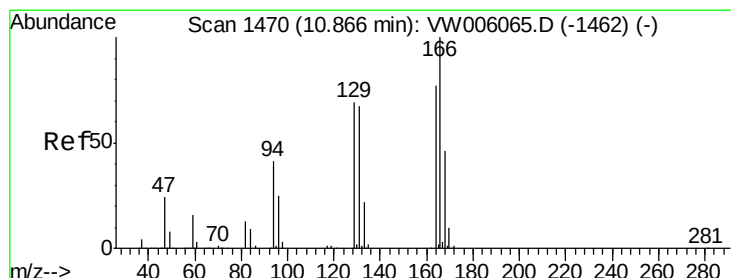
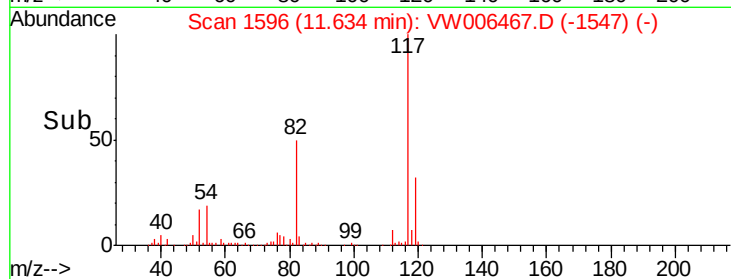
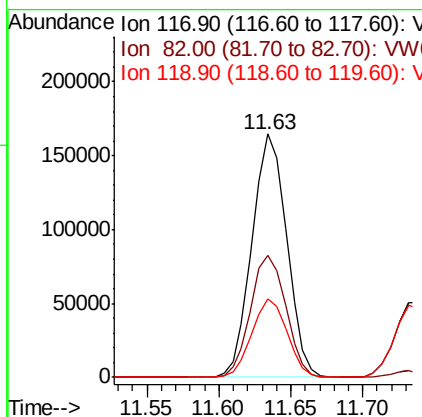
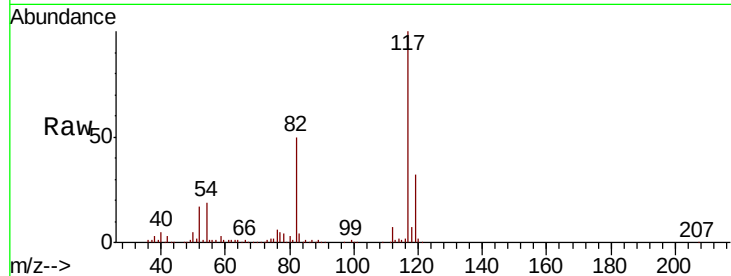




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

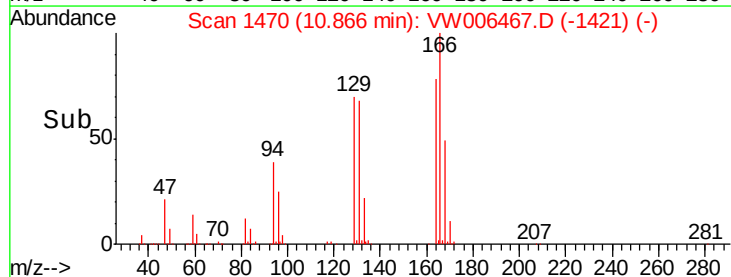
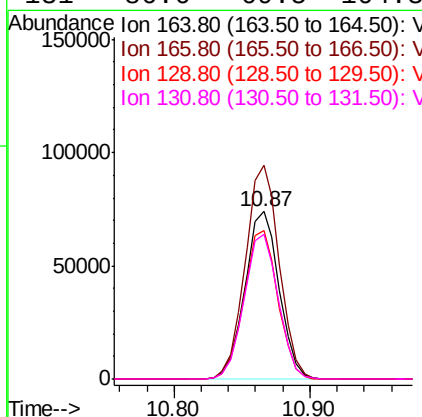
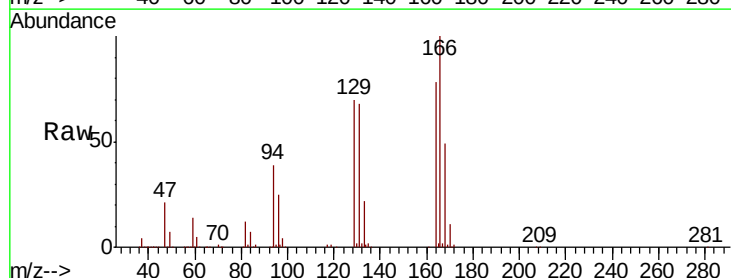
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

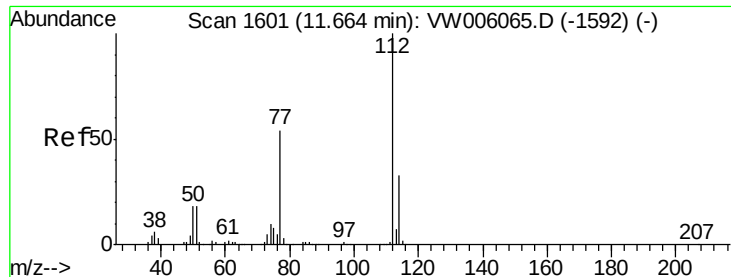
Tot Ion:117 Resp: 274949
Ion Ratio Lower Upper
117 100
82 50.4 42.1 63.1
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 61.000 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion:164 Resp: 130200
Ion Ratio Lower Upper
164 100
166 127.8 103.4 155.0
129 89.0 71.8 107.8
131 86.6 69.5 104.3

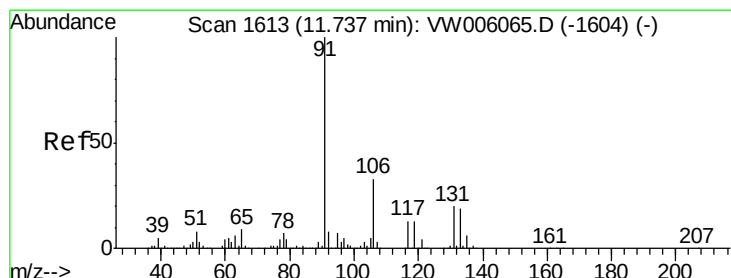
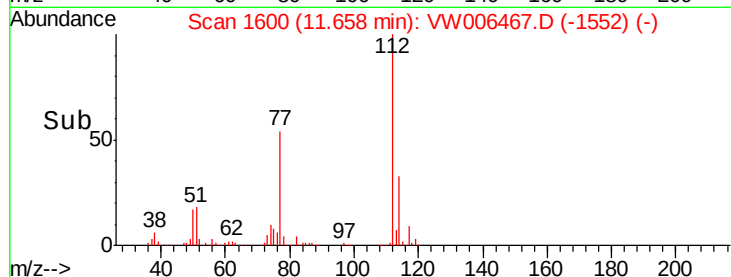
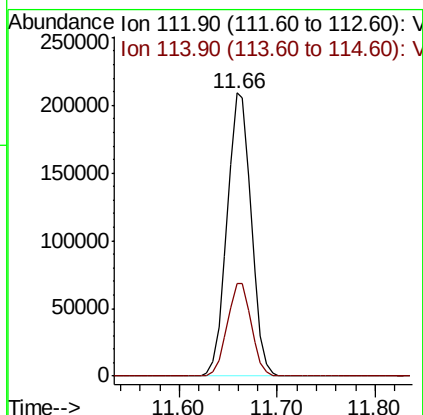
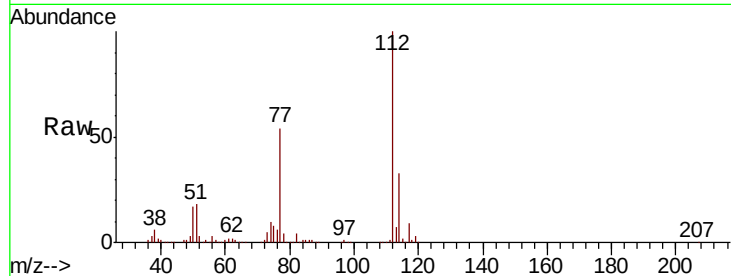




#65
Chlorobenzene
Concen: 60.613 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

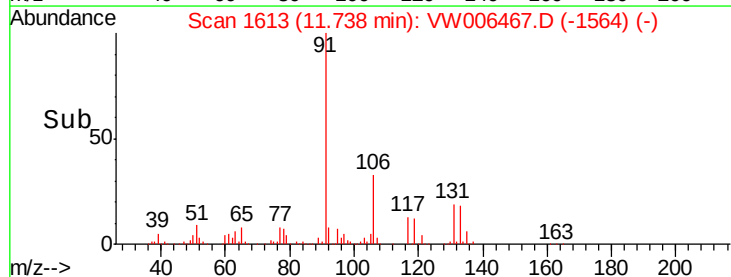
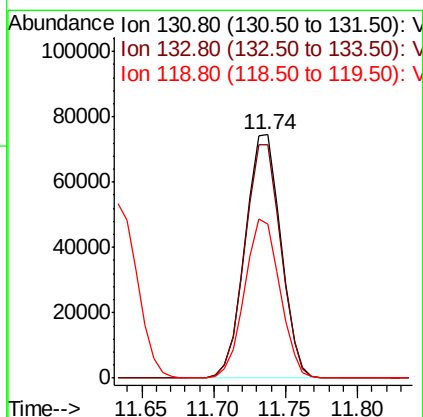
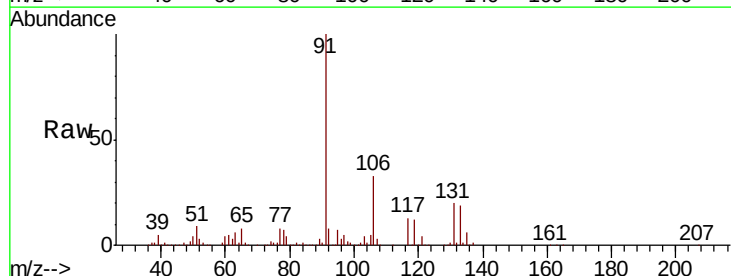
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

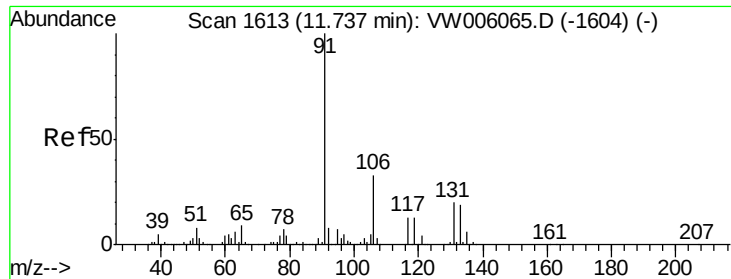
Tot Ion:112 Resp: 356758
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 61.249 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion:131 Resp: 128116
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 64.6 31.6 94.7

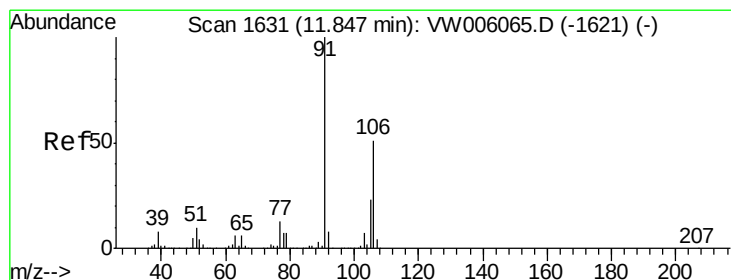
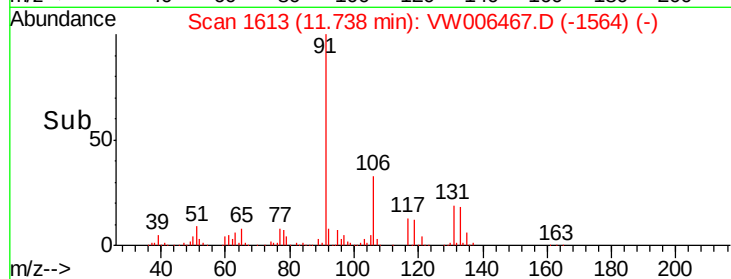
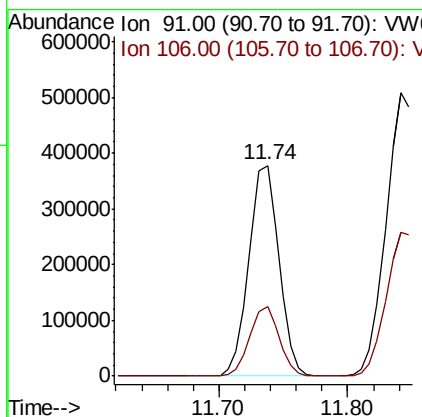
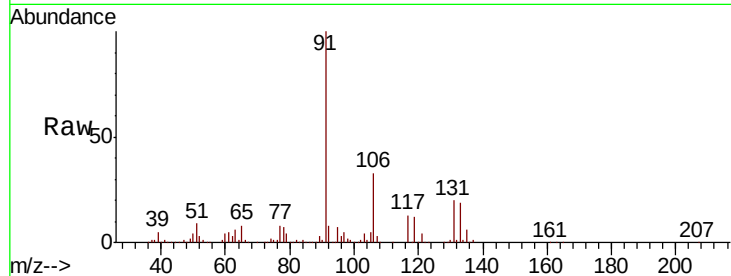




#67
Ethyl Benzene
Concen: 59.607 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

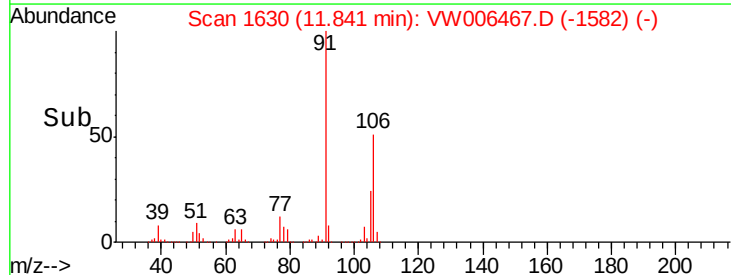
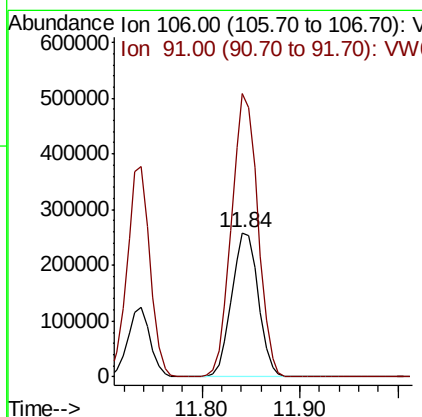
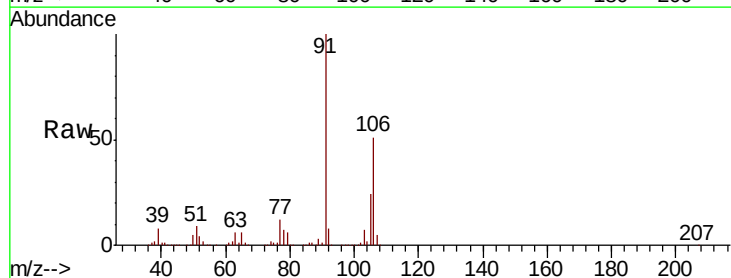
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

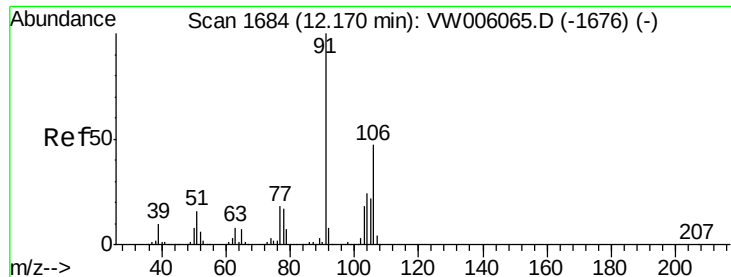
Tot Ion: 91 Resp: 608011
Ion Ratio Lower Upper
91 100
106 32.9 26.1 39.1



#68
m/p-Xylenes
Concen: 121.291 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion: 106 Resp: 489011
Ion Ratio Lower Upper
106 100
91 194.1 159.1 238.7

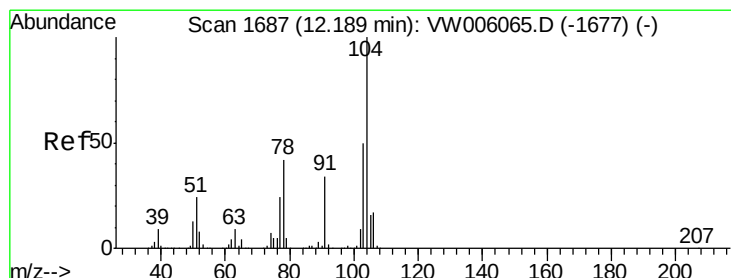
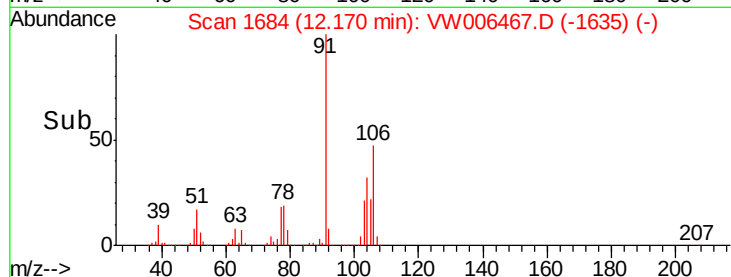
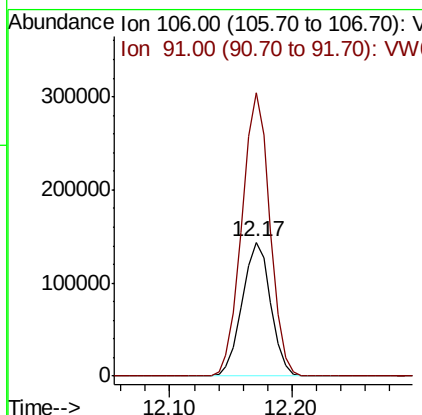
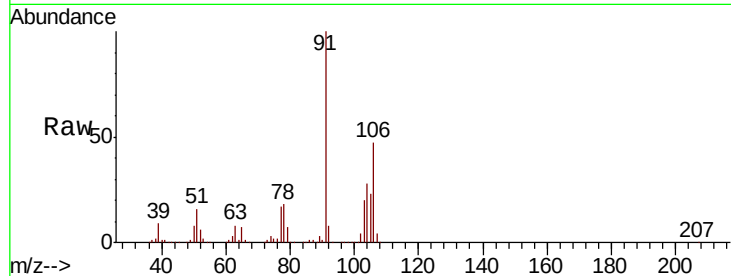




#69
o-Xylene
Concen: 60.481 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

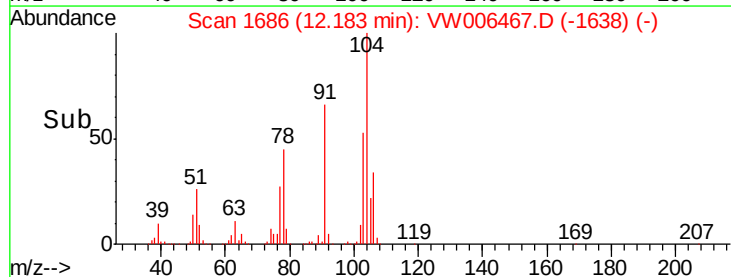
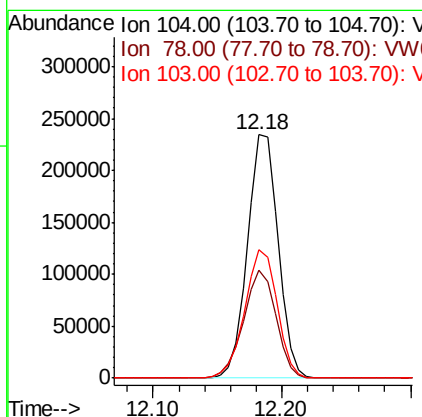
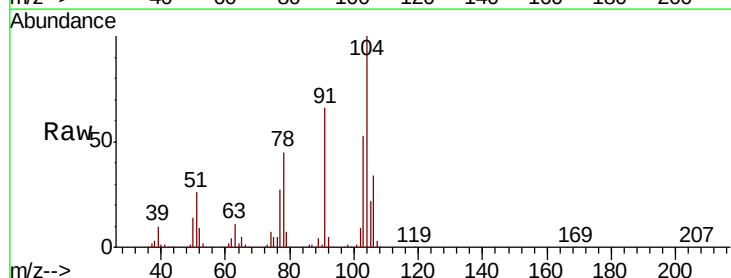
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

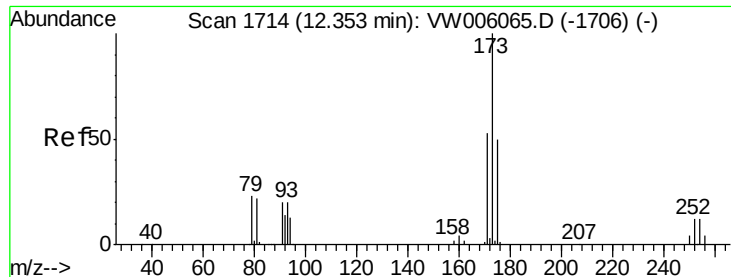
Tot Ion:106 Resp: 232388
Ion Ratio Lower Upper
106 100
91 207.9 105.4 316.1



#70
Styrene
Concen: 61.498 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion:104 Resp: 384252
Ion Ratio Lower Upper
104 100
78 47.2 39.1 58.7
103 55.8 44.3 66.5





#71

Bromoform

Concen: 59.048 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

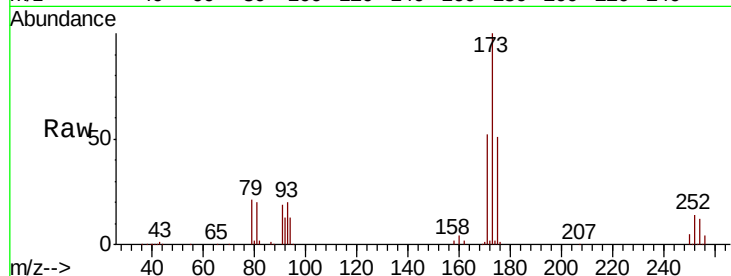
Tot Ion:173 Resp: 68891

Ion Ratio Lower Upper

173 100

175 48.8 24.2 72.6

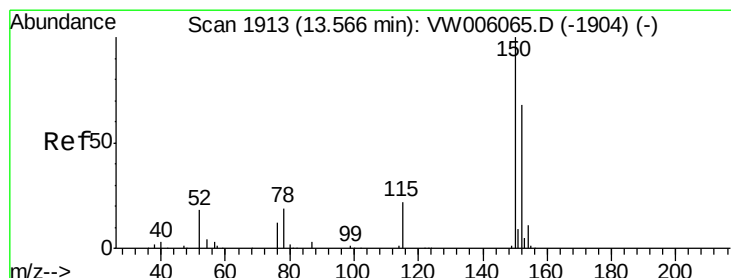
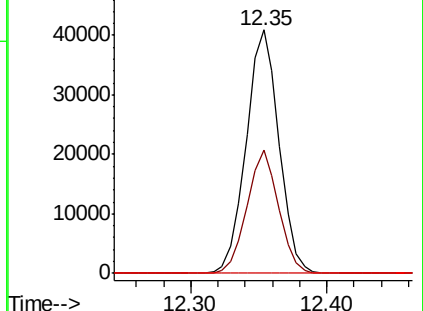
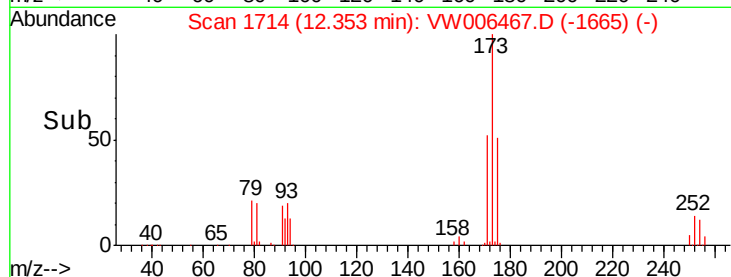
254 0.0 0.1 0.1#



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: VW006467.D

Acq: 29 Oct 2018 22:25

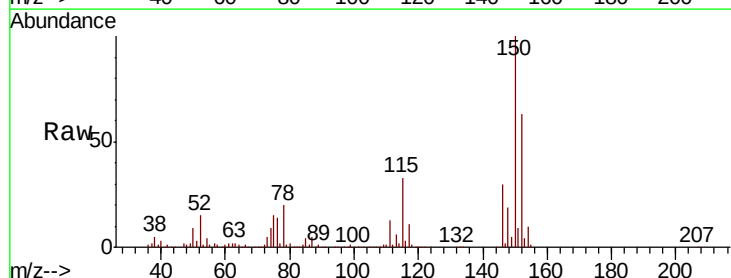
Tgt Ion:152 Resp: 161655

Ion Ratio Lower Upper

152 100

115 53.8 27.8 83.3

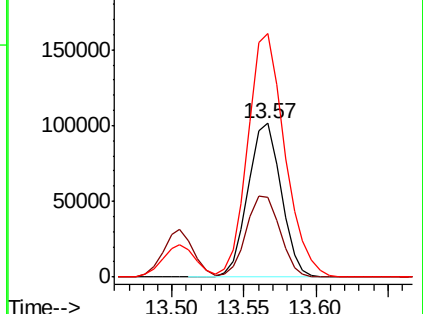
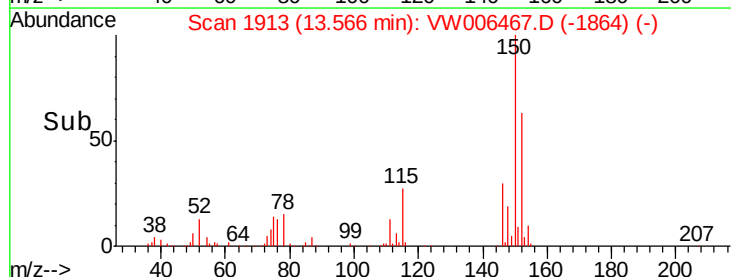
150 176.4 0.0 349.2

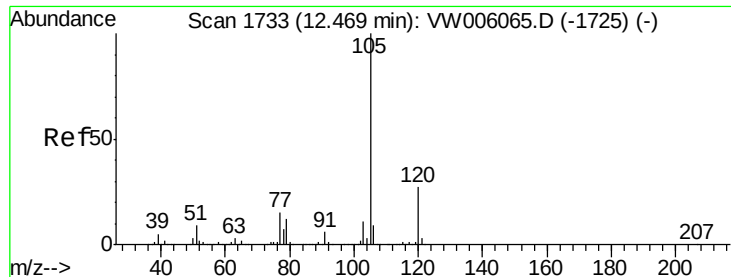


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.577 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

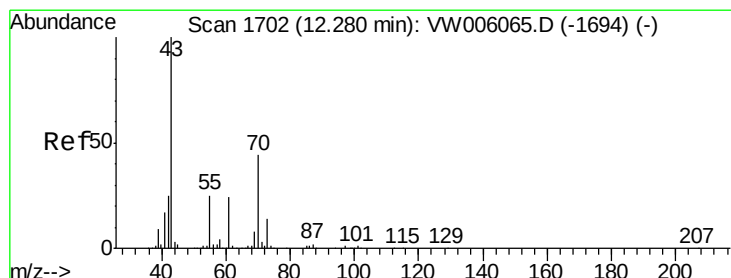
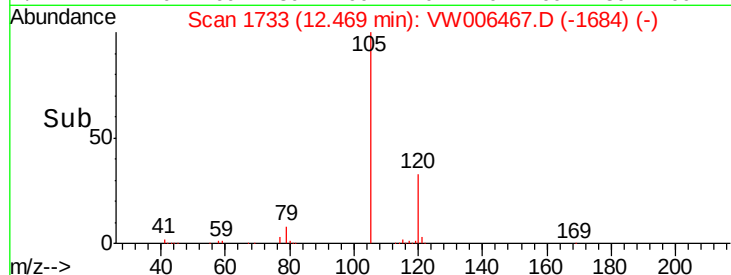
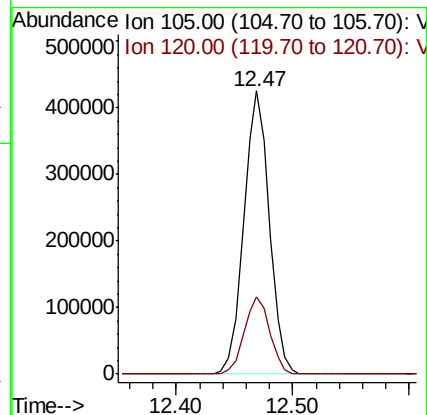
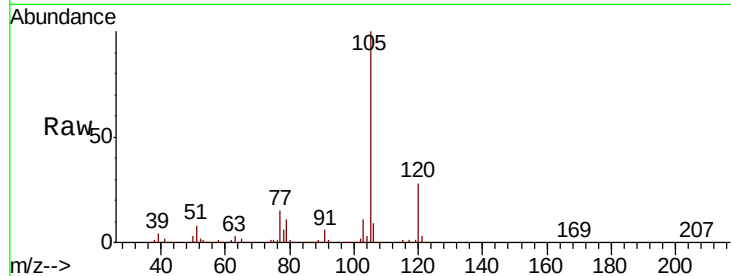
VSTDCCC050

Tot Ion:105 Resp: 646138

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 50.817 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Tgt Ion: 43 Resp: 112720

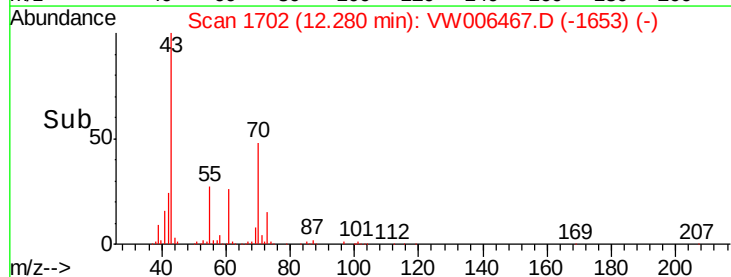
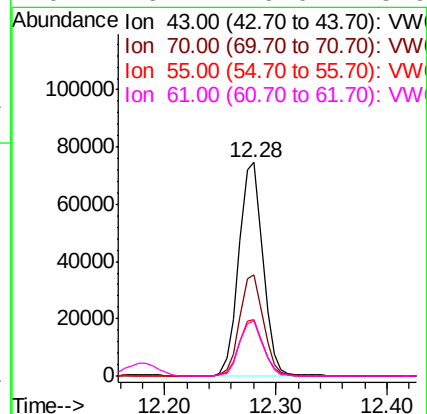
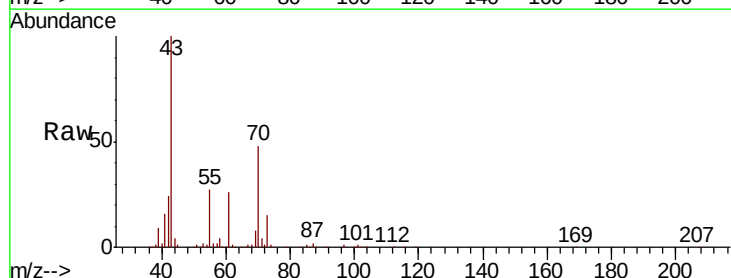
Ion Ratio Lower Upper

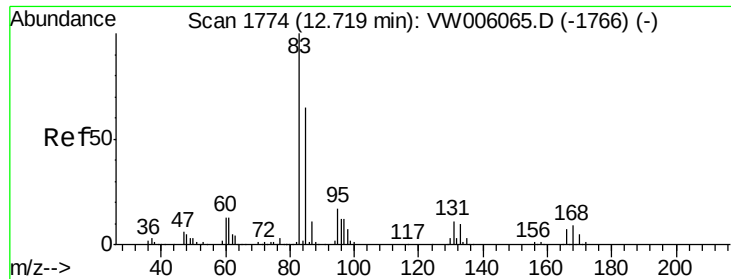
43 100

70 46.6 34.2 51.4

55 26.6 19.2 28.8

61 25.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 59.070 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

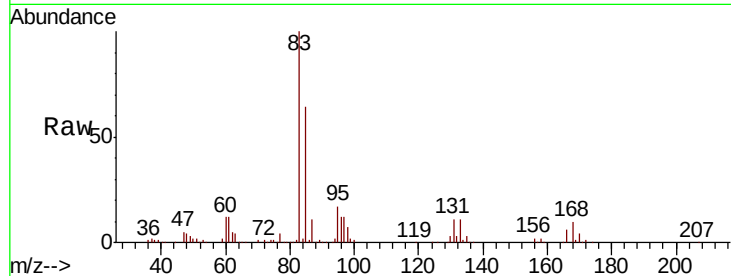
Tot Ion: 83 Resp: 102604

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

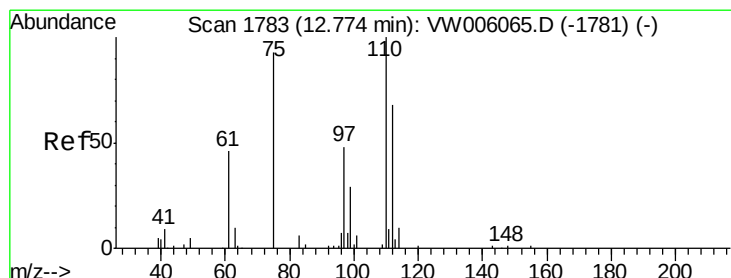
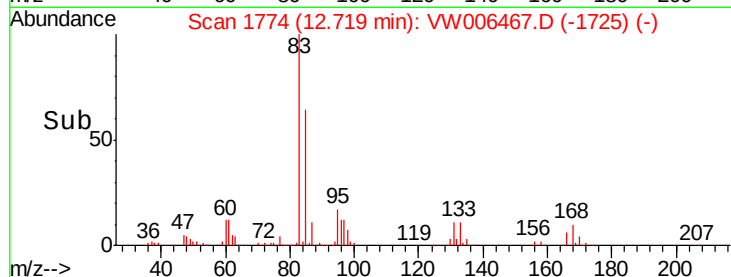
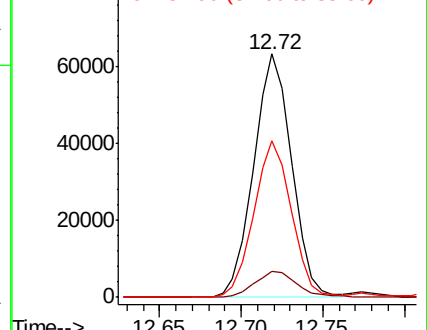
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 104.825 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006467.D

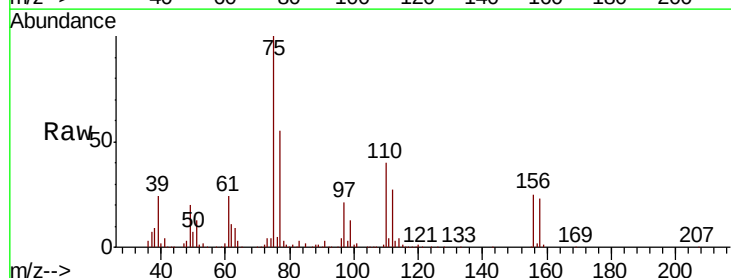
Acq: 29 Oct 2018 22:25

Tgt Ion: 75 Resp: 129430

Ion Ratio Lower Upper

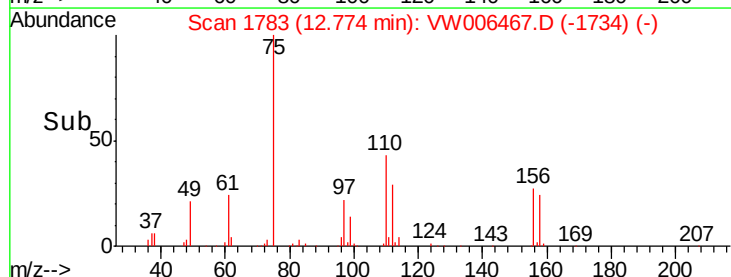
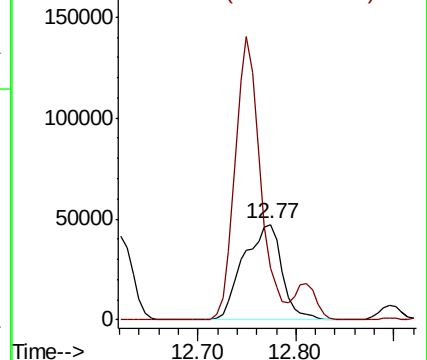
75 100

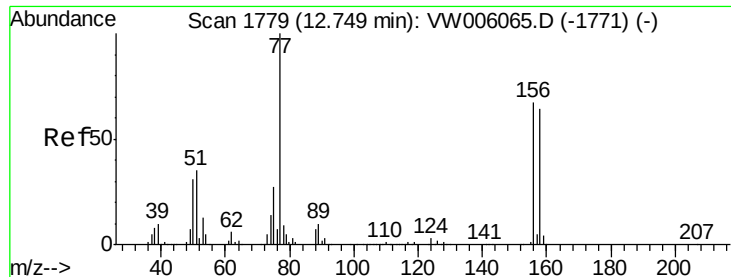
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 58.679 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

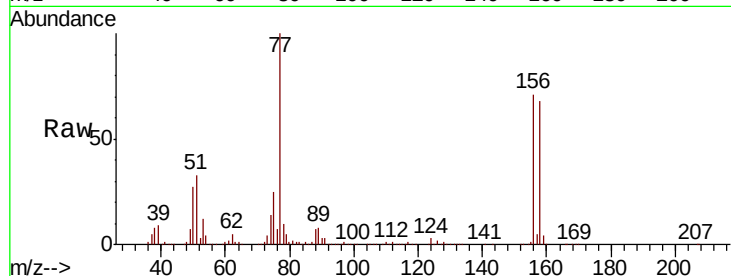
Tot Ion:156 Resp: 164138

Ion Ratio Lower Upper

156 100

77 154.4 79.1 237.4

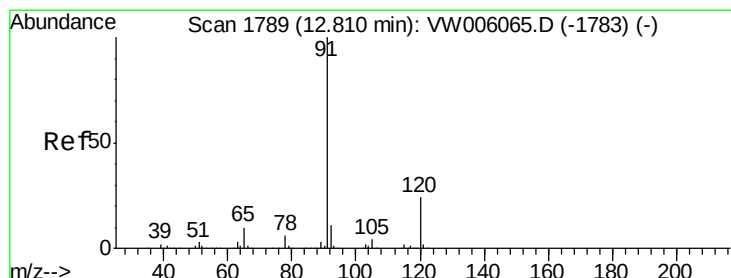
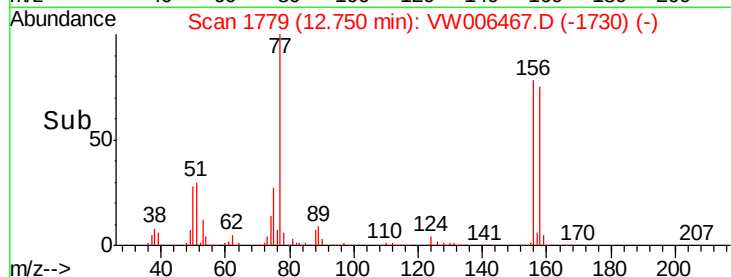
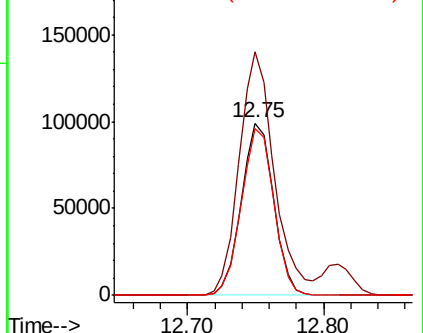
158 97.5 48.5 145.6



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: 57.018 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006467.D

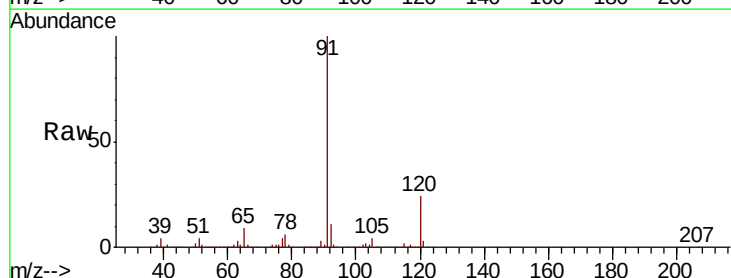
Acq: 29 Oct 2018 22:25

Tgt Ion: 91 Resp: 757586

Ion Ratio Lower Upper

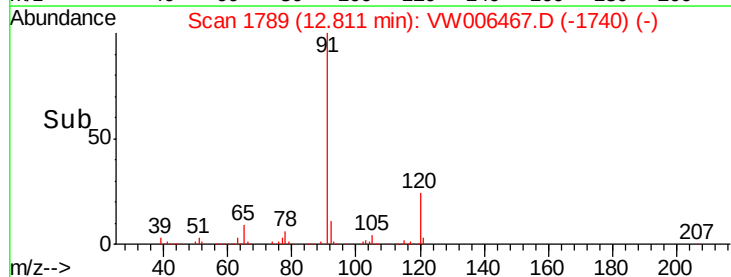
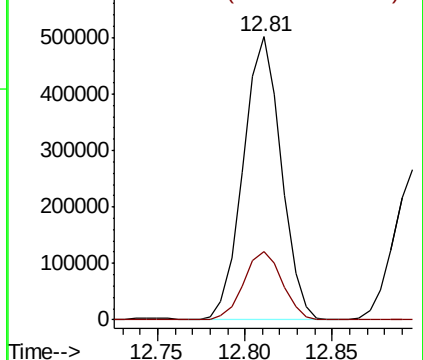
91 100

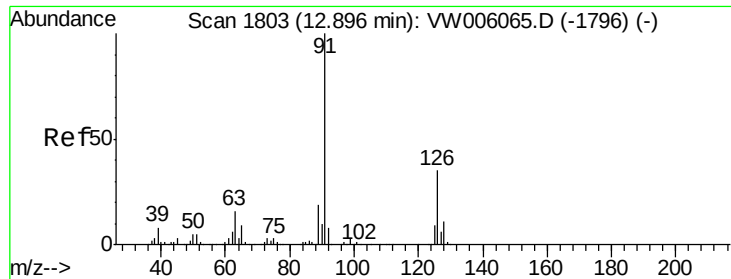
120 24.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.862 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

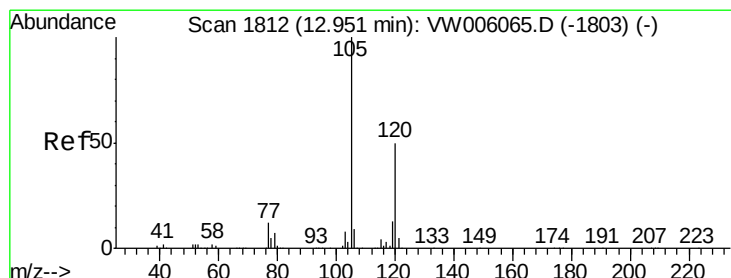
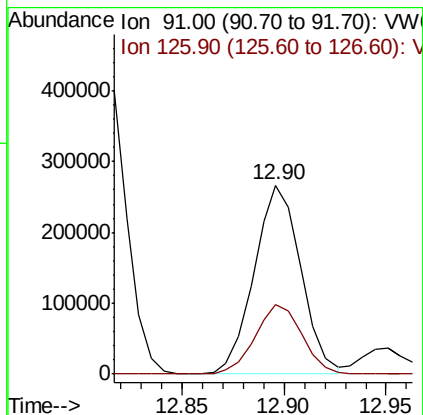
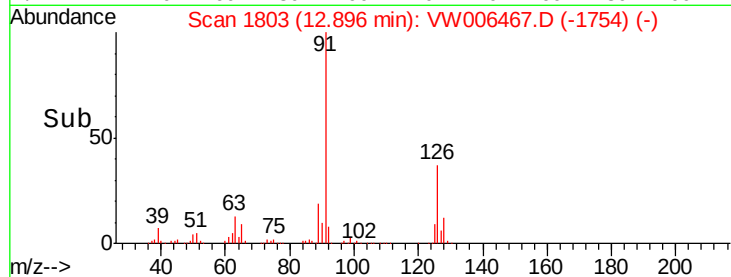
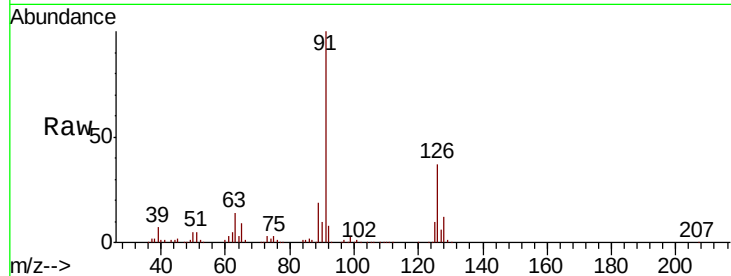
VSTDCCC050

Tot Ion: 91 Resp: 424488

Ion Ratio Lower Upper

91 100

126 36.8 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 57.305 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006467.D

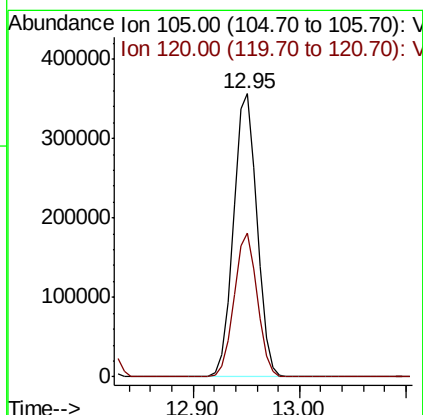
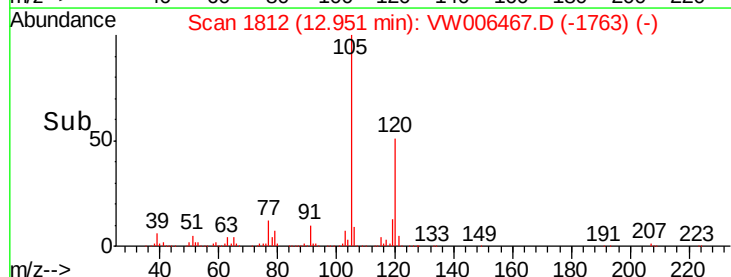
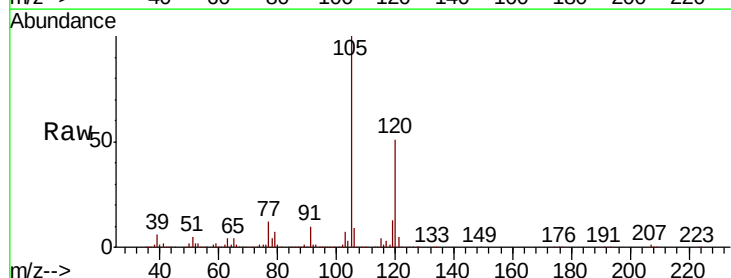
Acq: 29 Oct 2018 22:25

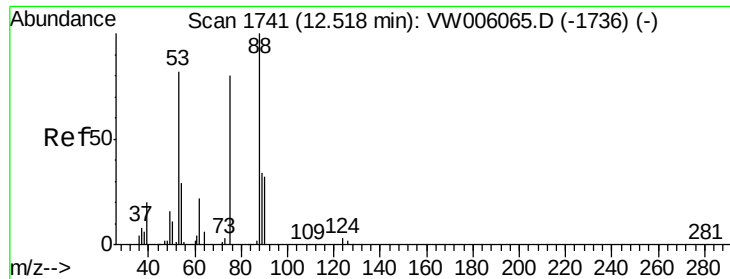
Tgt Ion:105 Resp: 551711

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.184 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

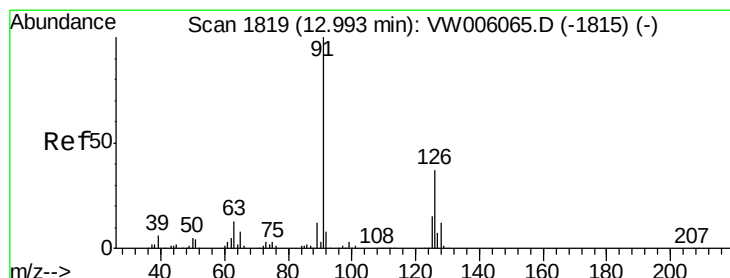
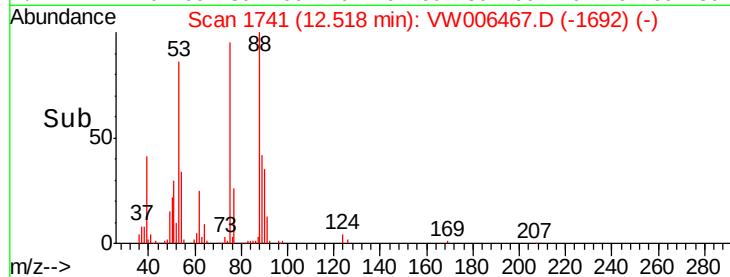
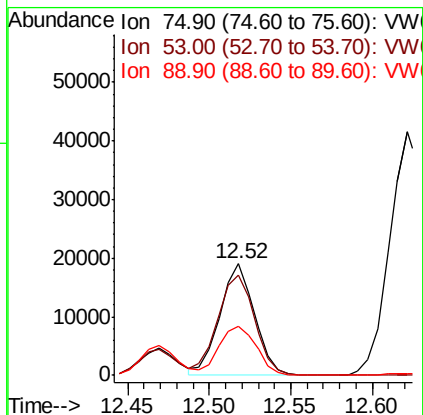
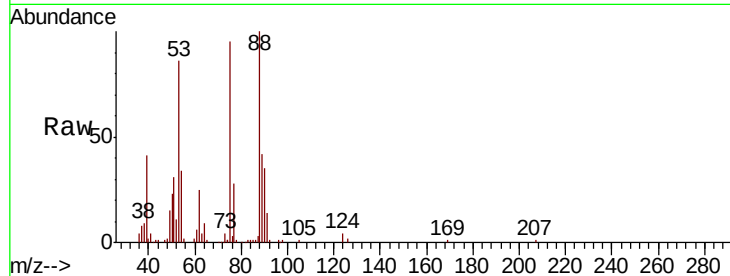
Tot Ion: 75 Resp: 27988

Ion Ratio Lower Upper

75 100

53 97.6 79.8 119.6

89 47.4 37.5 56.3



#82

4-Chlorotoluene

Concen: 57.739 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006467.D

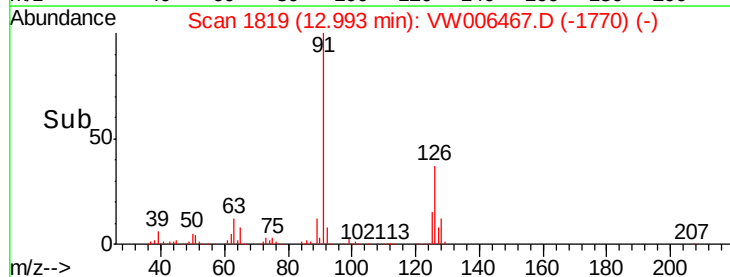
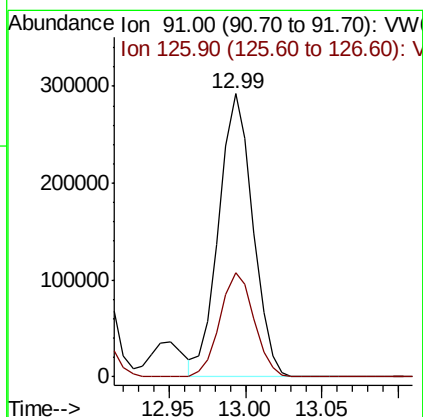
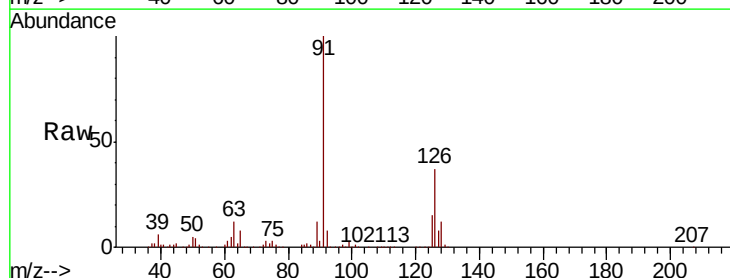
Acq: 29 Oct 2018 22:25

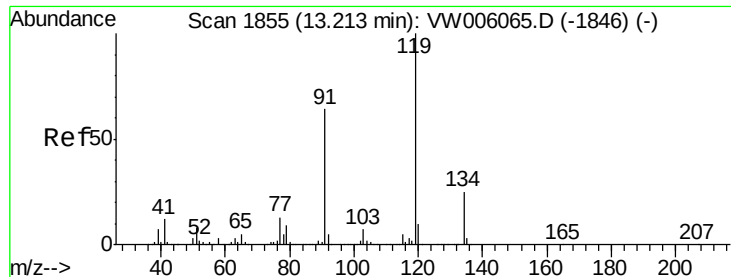
Tgt Ion: 91 Resp: 451526

Ion Ratio Lower Upper

91 100

126 37.1 18.1 54.3

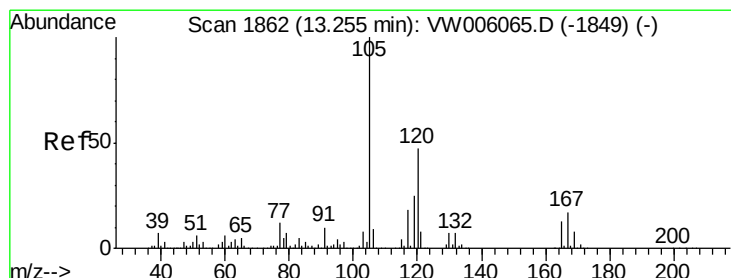
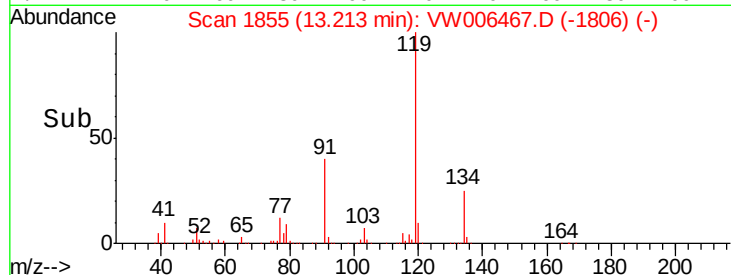
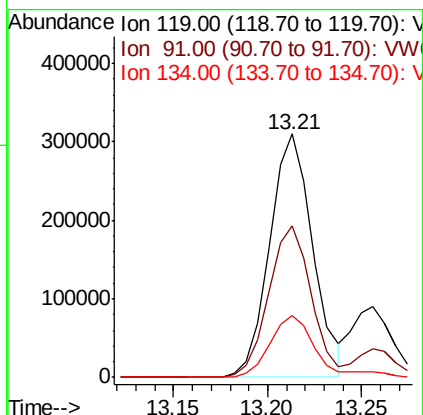
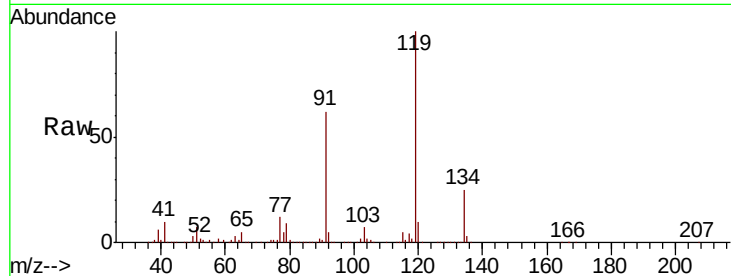




#83
tert-Butylbenzene
Concen: 57.070 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

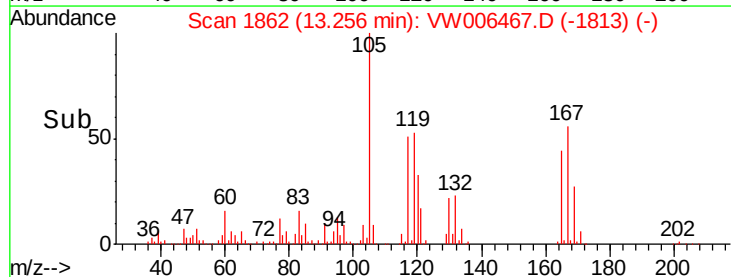
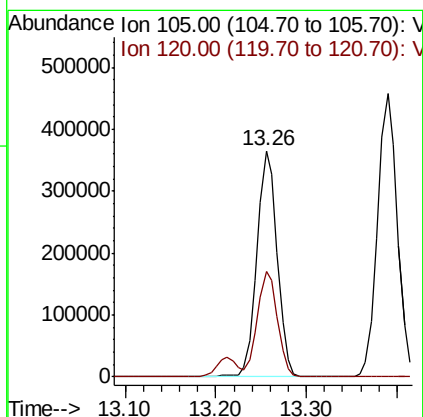
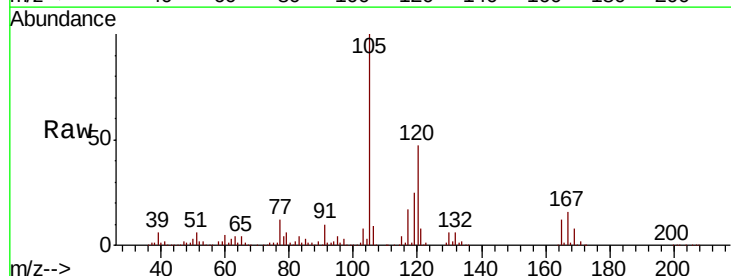
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

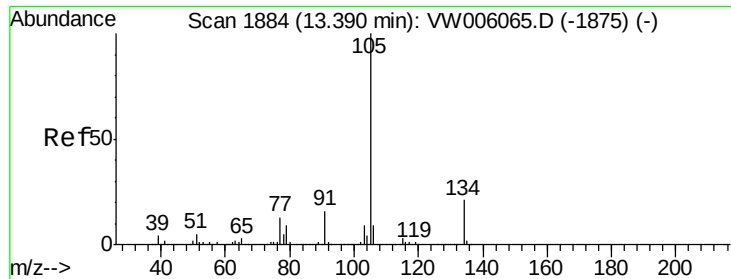
Tot Ion:119 Resp: 491590
Ion Ratio Lower Upper
119 100
91 61.1 32.3 96.9
134 25.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 57.915 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion:105 Resp: 564224
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 56.748 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

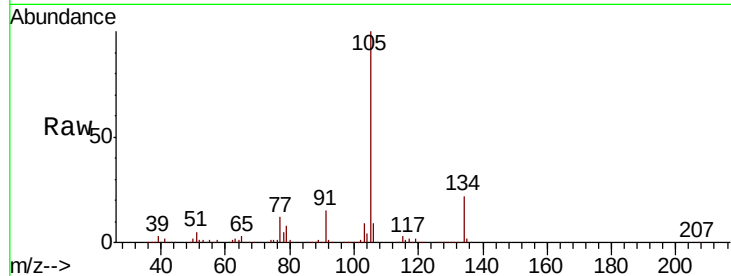
VSTDCCC050

Tot Ion:105 Resp: 690575

Ion Ratio Lower Upper

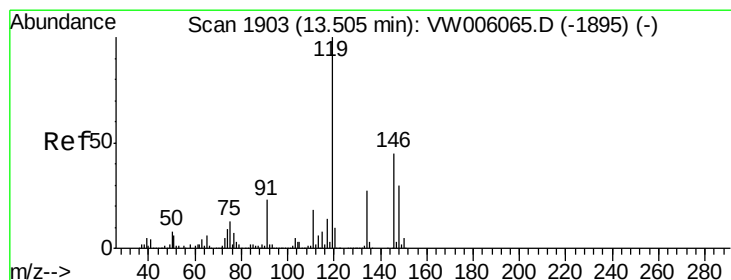
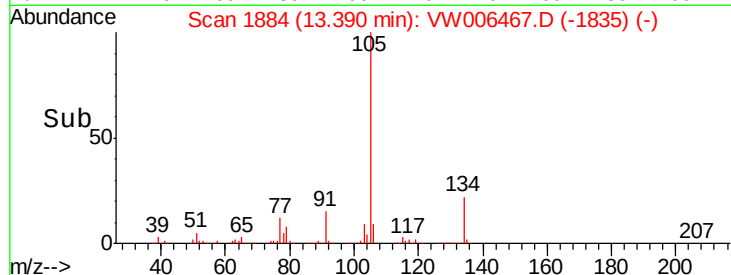
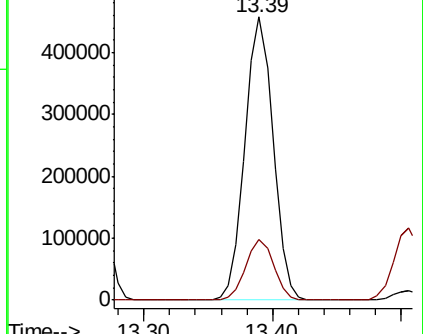
105 100

134 21.4 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.447 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

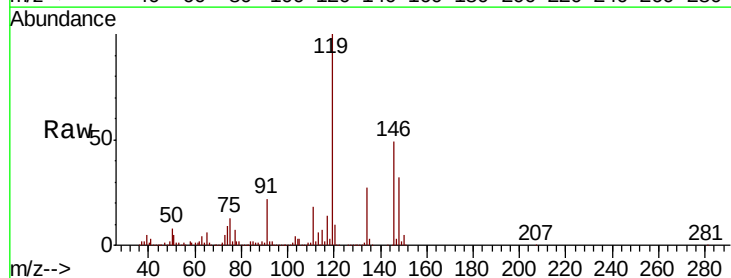
Tgt Ion:119 Resp: 632320

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

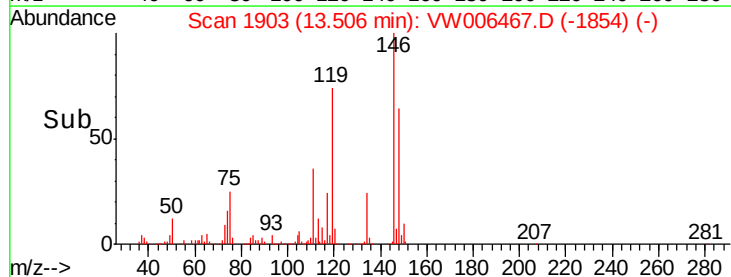
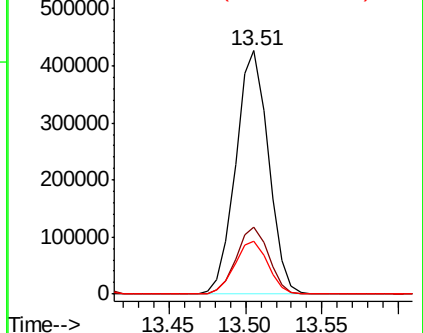
91 22.2 11.4 34.1

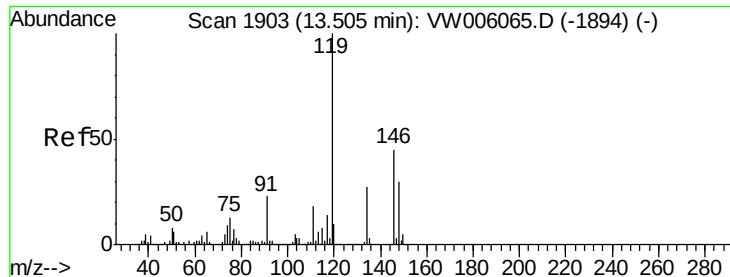


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

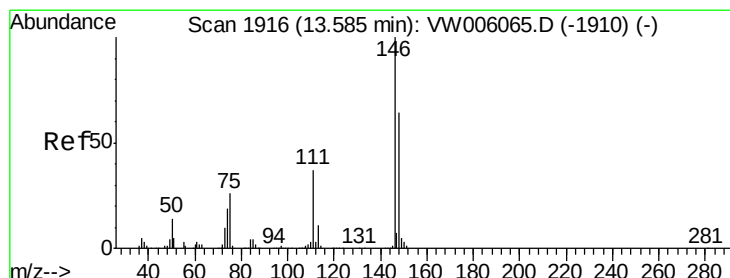
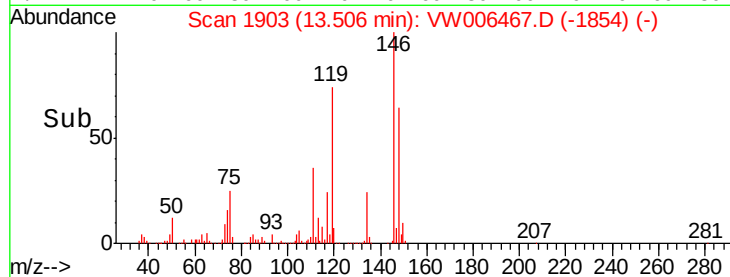
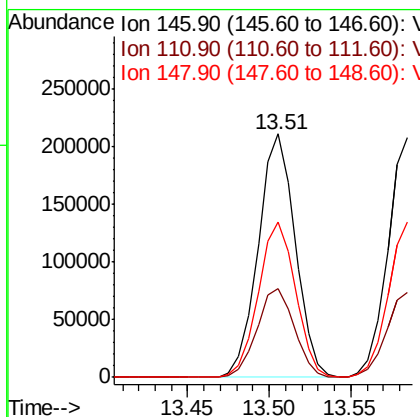
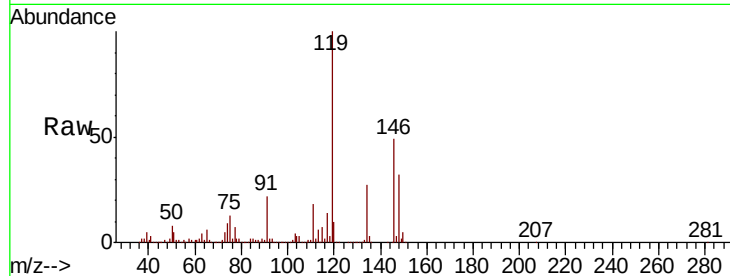




#87
 1,3-Dichlorobenzene
 Concen: 59.343 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

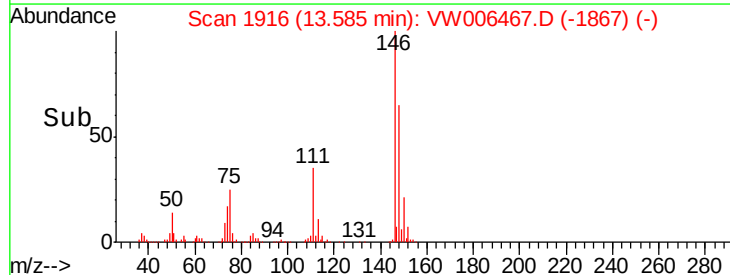
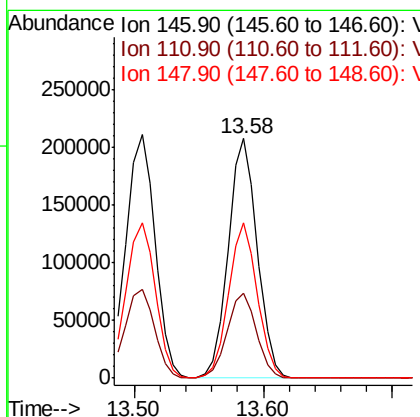
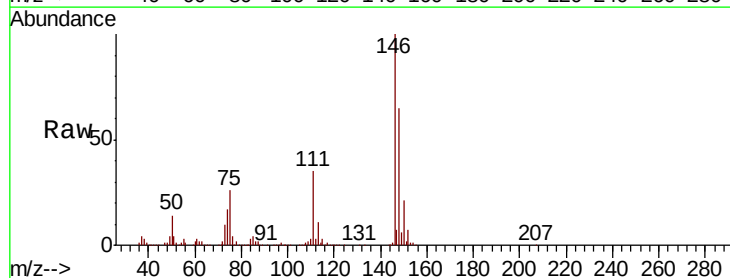
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

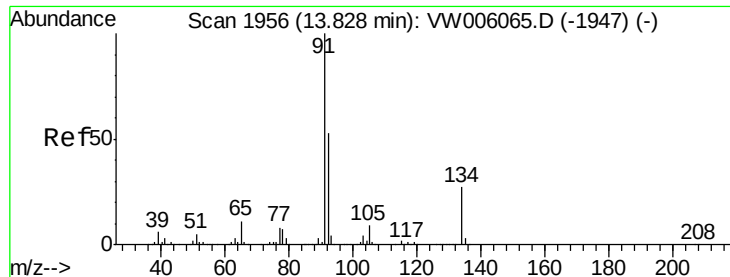
Tot Ion:146 Resp: 330361
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.1 57.5
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 58.735 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion:146 Resp: 325561
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.6 56.0
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 56.496 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006467.D

Acq: 29 Oct 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

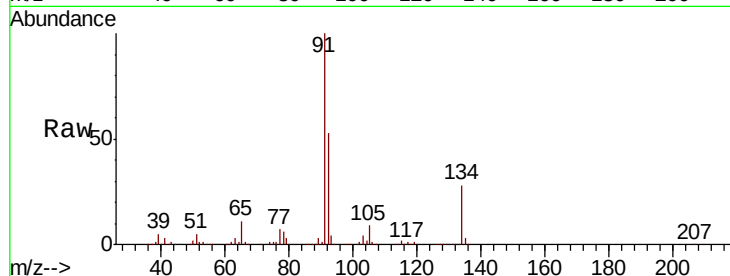
Tot Ion: 91 Resp: 568706

Ion Ratio Lower Upper

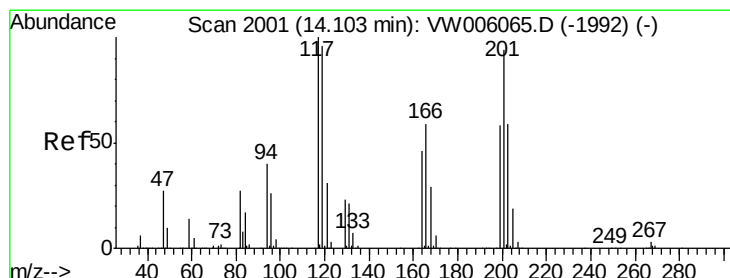
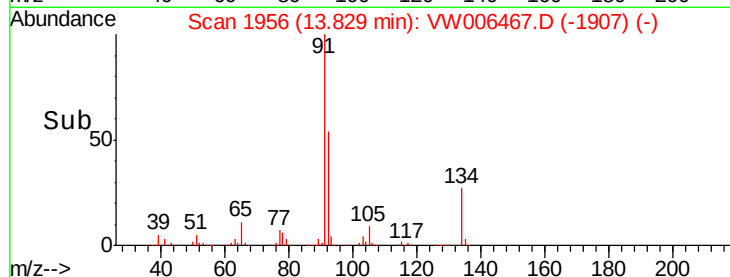
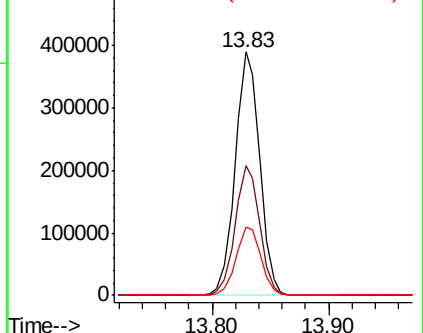
91 100

92 53.1 26.6 79.7

134 28.4 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: 56.782 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006467.D

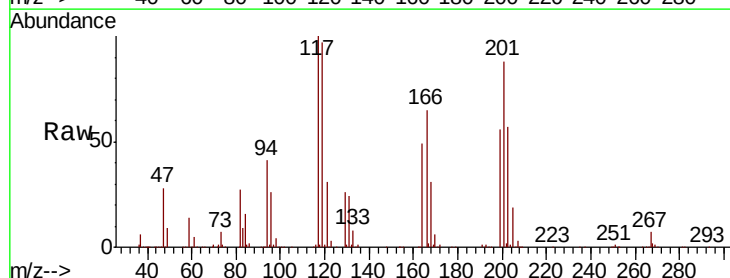
Acq: 29 Oct 2018 22:25

Tgt Ion: 117 Resp: 105866

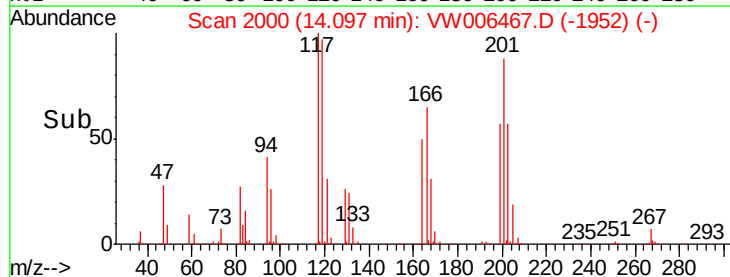
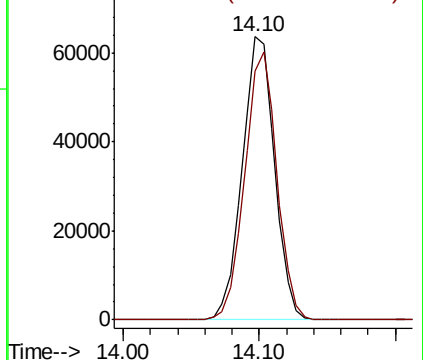
Ion Ratio Lower Upper

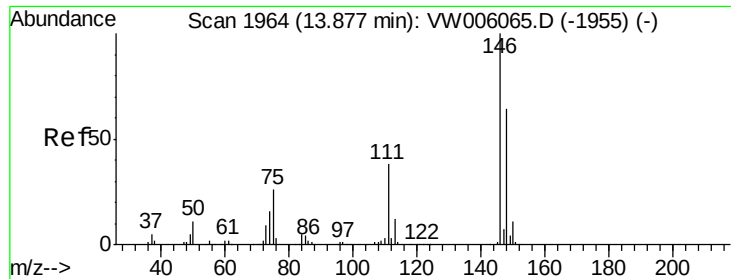
117 100

201 93.9 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

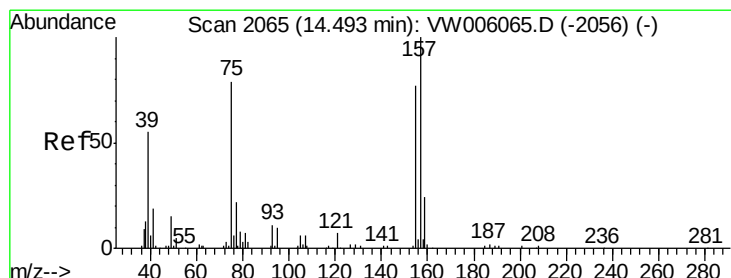
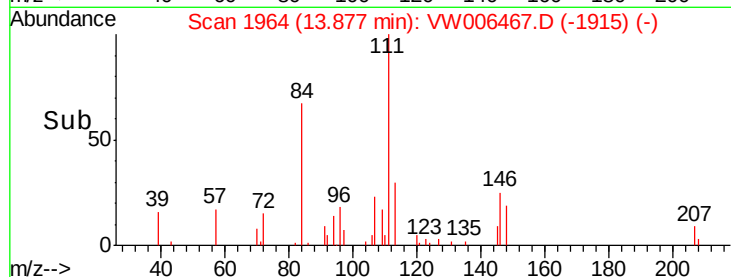
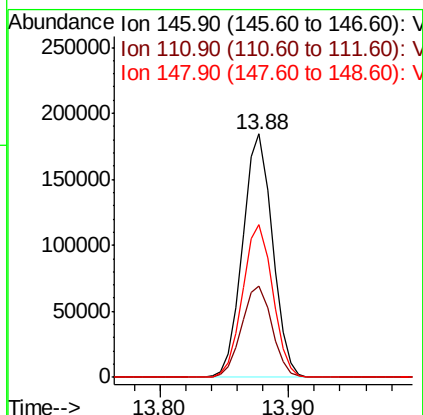
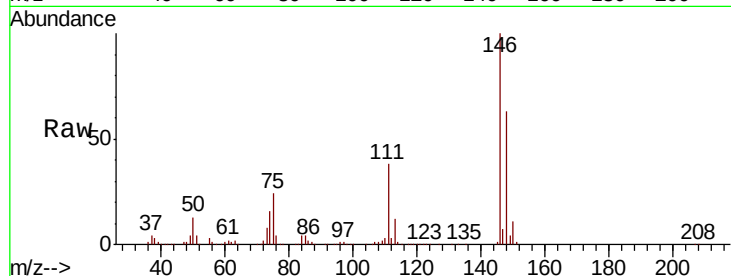




#91
 1,2-Dichlorobenzene
 Concen: 59.305 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

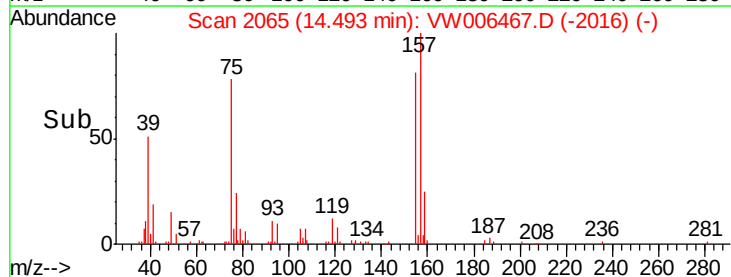
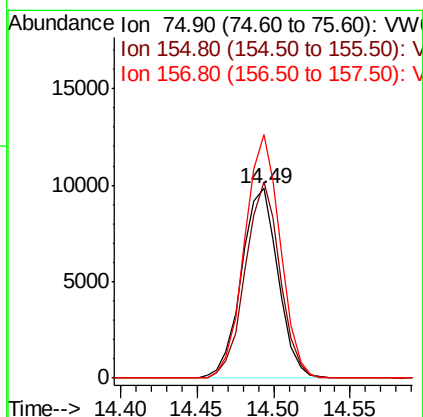
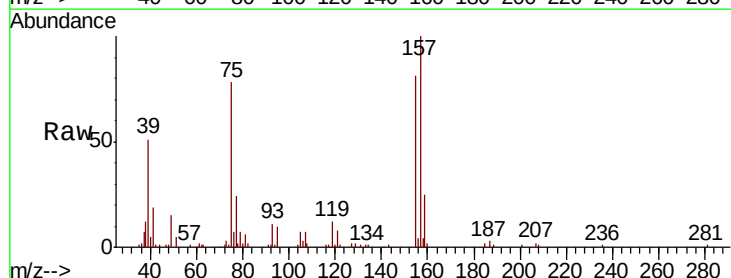
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

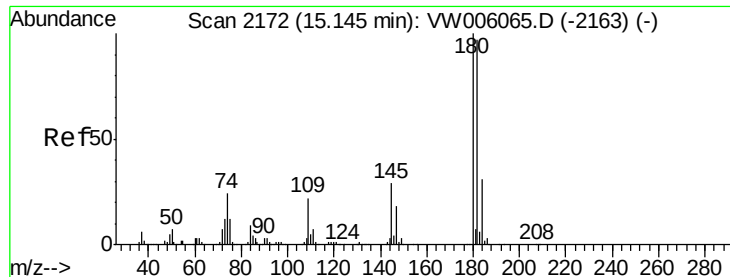
Tot Ion:146 Resp: 294494
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.7
 148 63.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.692 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Tgt Ion: 75 Resp: 16387
 Ion Ratio Lower Upper
 75 100
 155 97.9 46.5 139.5
 157 124.3 59.8 179.4

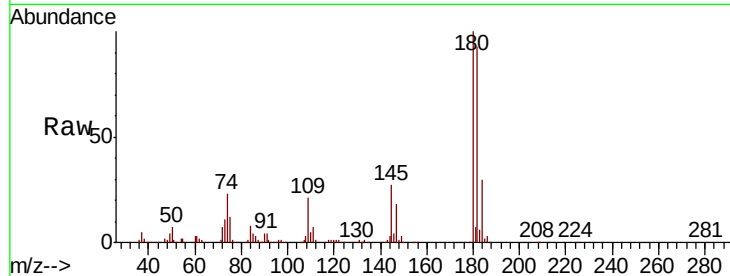




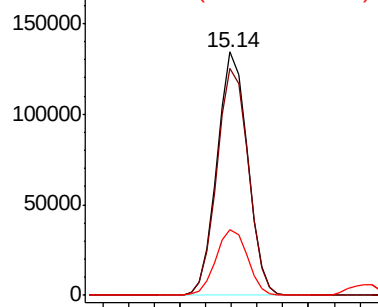
#93
 1,2,4-Trichlorobenzene
 Concen: 57.669 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

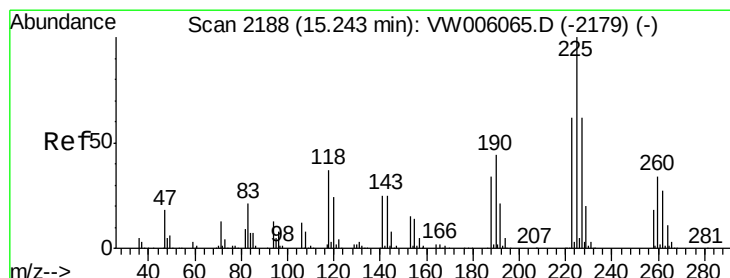
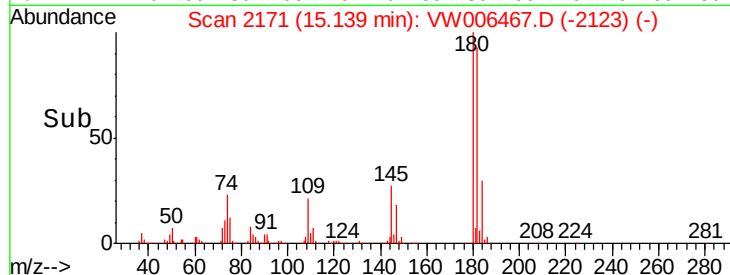
Tot Ion:180 Resp: 220345
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 27.9 14.2 42.8



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

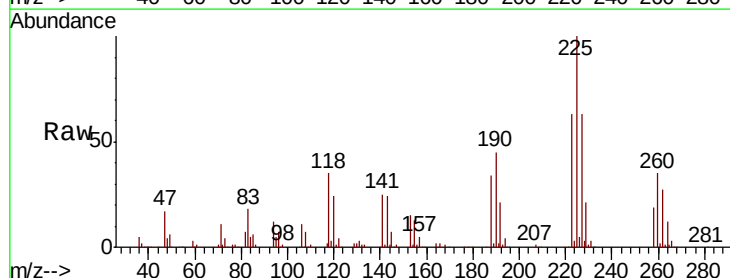


Time-->

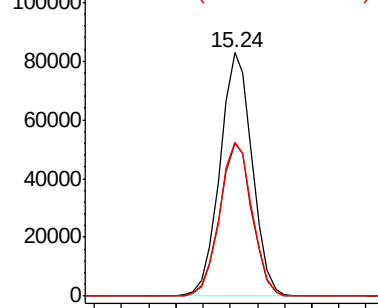


#94
 Hexachlorobutadiene
 Concen: 57.190 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006467.D
 Acq: 29 Oct 2018 22:25

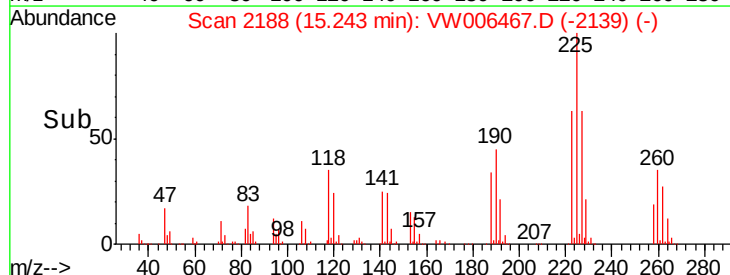
Tgt Ion:225 Resp: 137268
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.5
 227 64.0 32.4 97.0

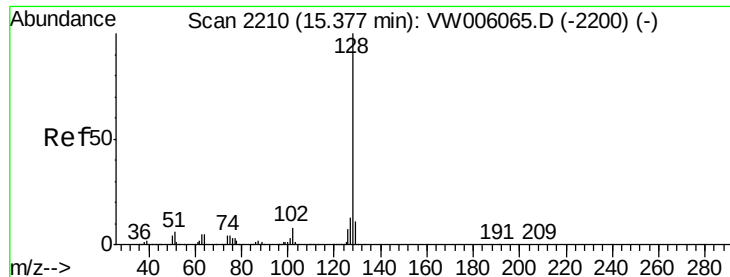


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

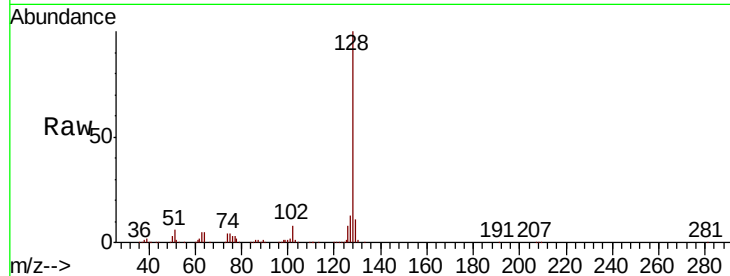




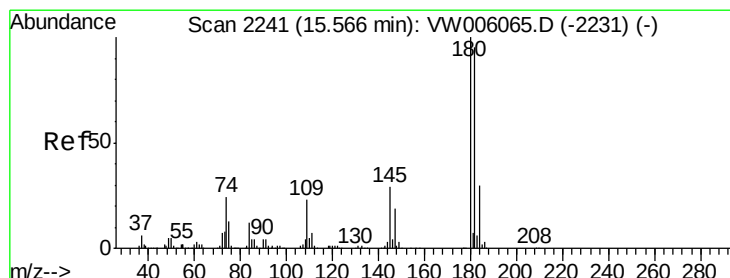
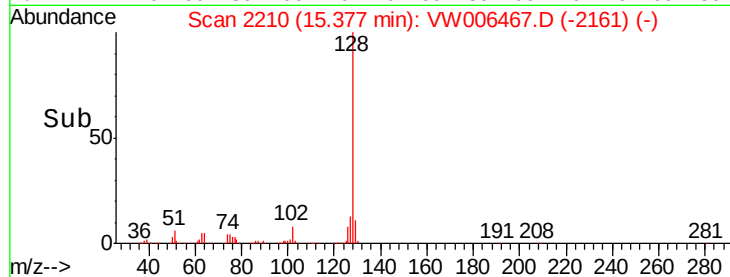
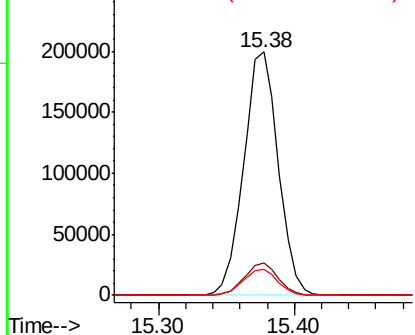
#95
Naphthalene
Concen: 55.652 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 353723
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1

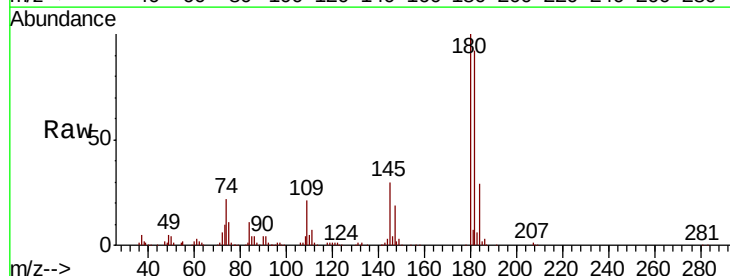


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 57.827 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006467.D
Acq: 29 Oct 2018 22:25

Tgt Ion:180 Resp: 191107
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 29.9 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

