

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092118\
 Data File : VW005548.D
 Acq On : 21 Sep 2018 00:02
 Operator : SY/AP
 Sample : VSTDCV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 21 06:01:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 05:59:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183785	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	137362	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
35) Dibromofluoromethane	7.89	113	115554	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
50) Toluene-d8	10.33	98	479267	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.63	95	178072	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	69940	48.765	ug/l	97
3) Chloromethane	2.21	50	89763	46.902	ug/l	99
4) Vinyl Chloride	2.37	62	109123	47.701	ug/l	99
5) Bromomethane	2.78	94	73198	47.347	ug/l	99
6) Chloroethane	2.93	64	69660	47.455	ug/l	98
7) Trichlorofluoromethane	3.26	101	85483	47.777	ug/l	97
8) Diethyl Ether	3.68	74	55917	47.843	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	107420	47.428	ug/l	99
10) Methyl Iodide	4.26	142	174022	49.962	ug/l	99
11) Tert butyl alcohol	5.21	59	36143	284.917	ug/l	99
12) 1,1-Dichloroethene	4.04	96	102996	47.501	ug/l	94
13) Acrolein	3.90	56	22756	233.697	ug/l	98
14) Allyl chloride	4.67	41	191931	50.720	ug/l	100
15) Acrylonitrile	5.37	53	124564	240.043	ug/l	99
16) Acetone	4.13	43	112114	254.436	ug/l	97
17) Carbon Disulfide	4.38	76	321984	47.527	ug/l	100
18) Methyl Acetate	4.67	43	63146	47.502	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	172199	51.452	ug/l	98
20) Methylene Chloride	4.92	84	122425	52.295	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	118109	49.732	ug/l	99
22) Diisopropyl ether	6.32	45	387381	52.734	ug/l	98
23) Vinyl Acetate	6.26	43	1093998	260.556	ug/l	100
24) 1,1-Dichloroethane	6.22	63	227295	50.080	ug/l	100
25) 2-Butanone	7.18	43	160131	235.070	ug/l	100
26) 2,2-Dichloropropane	7.17	77	148681	46.924	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	131941	50.370	ug/l	99
28) Bromochloromethane	7.52	49	85708	47.674	ug/l	99
29) Tetrahydrofuran	7.54	42	104648	245.899	ug/l	99
30) Chloroform	7.68	83	235585	50.278	ug/l	98
31) Cyclohexane	7.96	56	203827	46.875	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	202546	48.932	ug/l	99
36) 1,1-Dichloropropene	8.09	75	180197	48.936	ug/l	99
37) Ethyl Acetate	7.26	43	73121	47.187	ug/l	99
38) Carbon Tetrachloride	8.07	117	189051	47.911	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092118\
 Data File : VW005548.D
 Acq On : 21 Sep 2018 00:02
 Operator : SY/AP
 Sample : VSTDCV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 21 06:01:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 05:59:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	216608	49.858	ug/l	100
40) Benzene	8.33	78	511191	48.996	ug/l	98
41) Methacrylonitrile	7.49	41	44462	50.422	ug/l	96
42) 1,2-Dichloroethane	8.40	62	164503	49.247	ug/l	100
43) Isopropyl Acetate	8.43	43	146787	48.179	ug/l	100
44) Trichloroethene	9.10	130	130674	48.932	ug/l	93
45) 1,2-Dichloropropane	9.37	63	127746	49.769	ug/l	98
46) Dibromomethane	9.46	93	62020	48.359	ug/l	99
47) Bromodichloromethane	9.65	83	170663	49.537	ug/l	97
48) Methyl methacrylate	9.44	41	71636	49.504	ug/l	99
49) 1,4-Dioxane	9.47	88	19608	961.646	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	373800	243.599	ug/l	100
52) Toluene	10.39	92	326147	50.100	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175067	50.690	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	198004	51.169	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89401	49.109	ug/l	97
56) Ethyl methacrylate	10.65	69	115660	51.467	ug/l	99
57) 1,3-Dichloropropane	10.94	76	158636	49.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	264841	259.977	ug/l	99
59) 2-Hexanone	10.98	43	255334	244.944	ug/l	99
60) Dibromochloromethane	11.13	129	111033	50.479	ug/l	99
61) 1,2-Dibromoethane	11.24	107	85125	50.152	ug/l	98
64) Tetrachloroethene	10.87	164	116410	47.929	ug/l	94
65) Chlorobenzene	11.66	112	358270	49.317	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	128979	49.330	ug/l	98
67) Ethyl Benzene	11.74	91	651464	50.521	ug/l	100
68) m/p-Xylenes	11.85	106	497350	102.089	ug/l	99
69) o-Xylene	12.17	106	234110	51.311	ug/l	100
70) Styrene	12.19	104	394658	51.399	ug/l	100
71) Bromoform	12.35	173	67207	48.425	ug/l #	100
73) Isopropylbenzene	12.47	105	663094	52.028	ug/l	100
74) N-amyl acetate	12.28	43	144277	49.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	101985	48.175	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	146657	93.612	ug/l #	100
77) Bromobenzene	12.76	156	150457	50.368	ug/l	98
78) n-propylbenzene	12.81	91	797583	51.690	ug/l	100
79) 2-Chlorotoluene	12.90	91	459821	51.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	578242	52.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34466	49.550	ug/l	98
82) 4-Chlorotoluene	12.99	91	483041	51.211	ug/l	100
83) tert-Butylbenzene	13.21	119	490603	52.693	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	593126	53.035	ug/l	99
85) sec-Butylbenzene	13.39	105	706317	52.307	ug/l	100
86) p-Isopropyltoluene	13.51	119	631902	52.209	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	306245	50.137	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	301681	49.660	ug/l	100
89) n-Butylbenzene	13.83	91	597259	52.317	ug/l	99
90) Hexachloroethane	14.10	117	111665	50.903	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	273594	50.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19302	47.856	ug/l	96

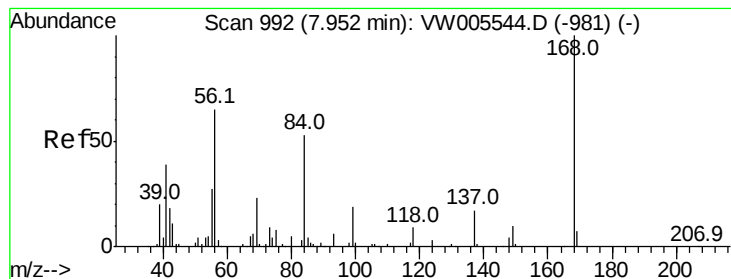
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092118\
Data File : VW005548.D
Acq On : 21 Sep 2018 00:02
Operator : SY/AP
Sample : VSTDCV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 21 06:01:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 05:59:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	196320	51.039	ug/l	99
94) Hexachlorobutadiene	15.24	225	125099	50.202	ug/l	100
95) Naphthalene	15.38	128	341579	52.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	173887	51.297	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

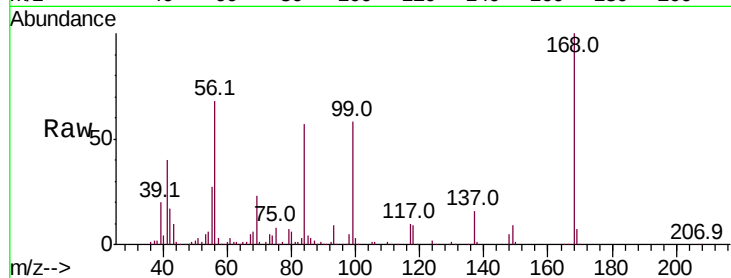
ClientSampled :

Tot Ion:168 Resp: 238079

Ion Ratio Lower Upper

168 100

99 58.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

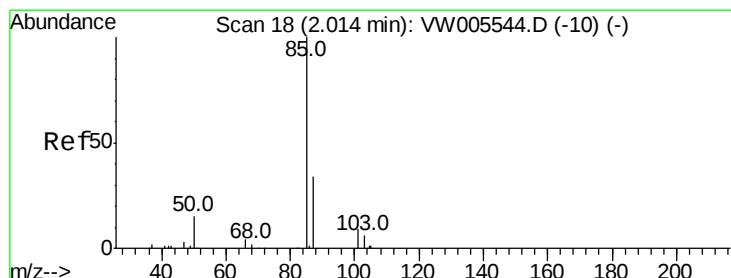
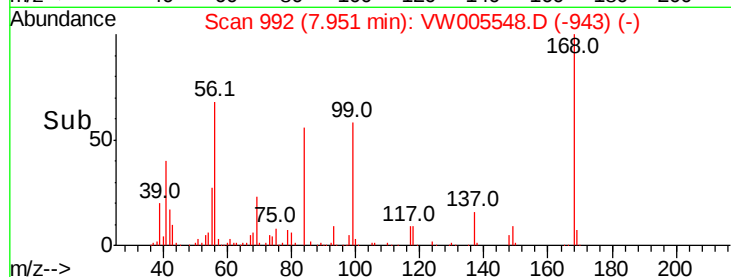
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 48.765 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005548.D

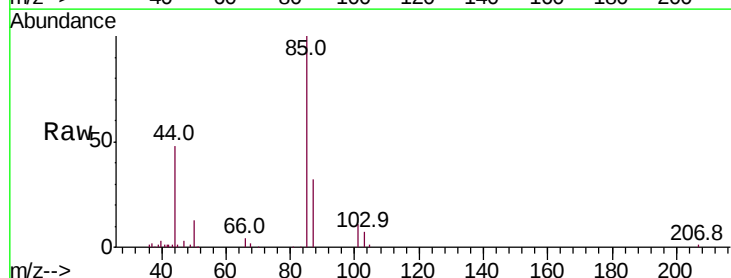
Acq: 21 Sep 2018 00:02

Tgt Ion: 85 Resp: 69940

Ion Ratio Lower Upper

85 100

87 32.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

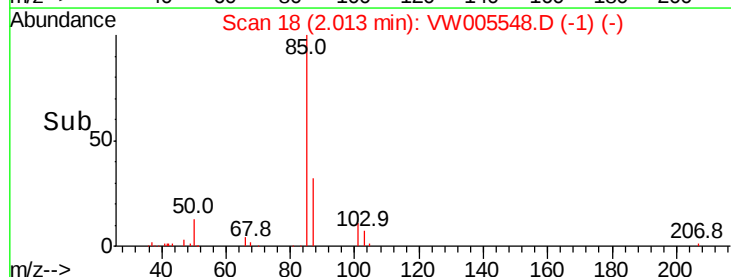
15000

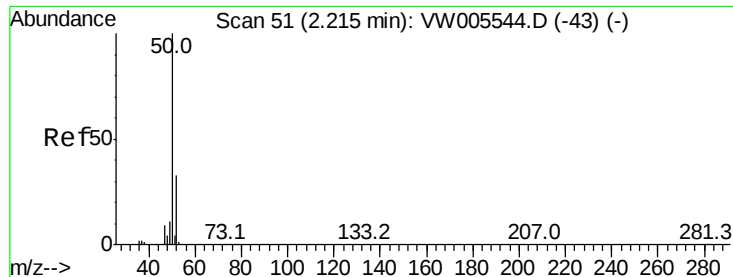
10000

5000

0

Time--> 1.90 2.00 2.10 2.20

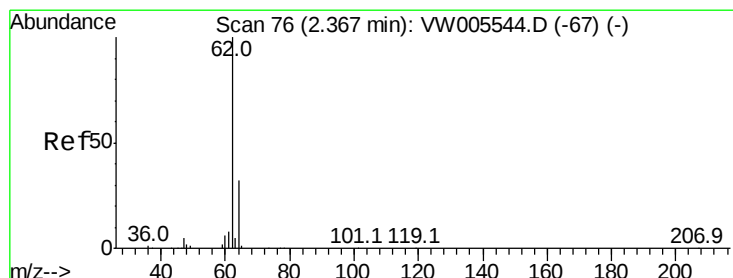
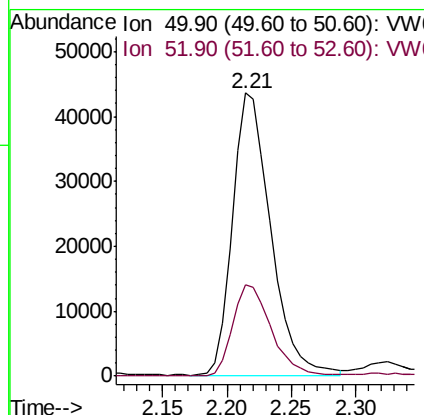
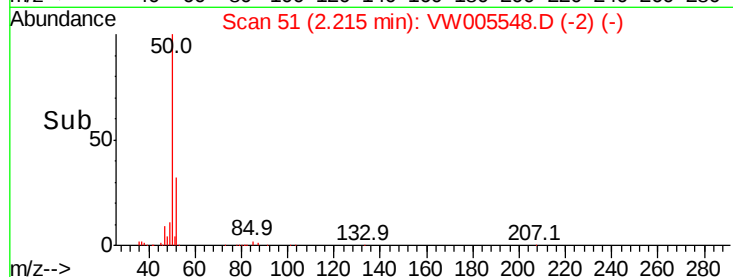
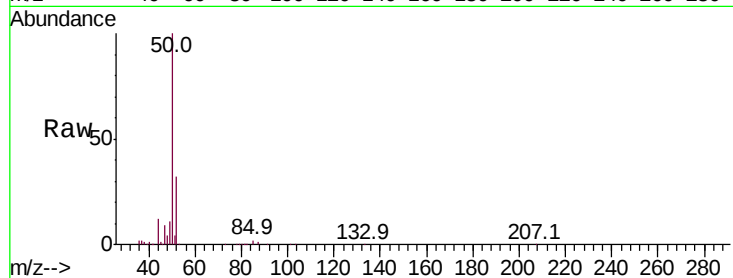




#3
Chloromethane
Concen: 46.902 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

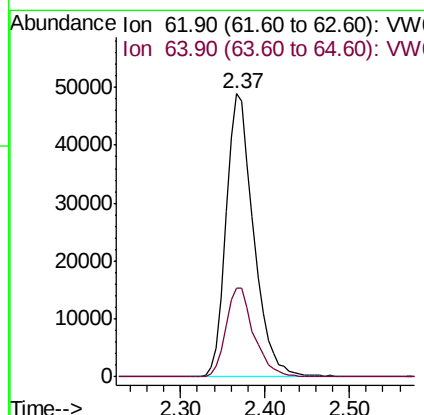
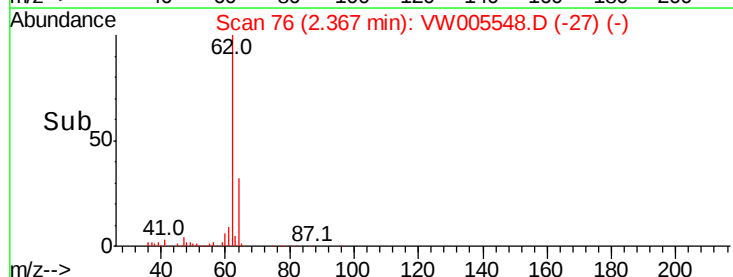
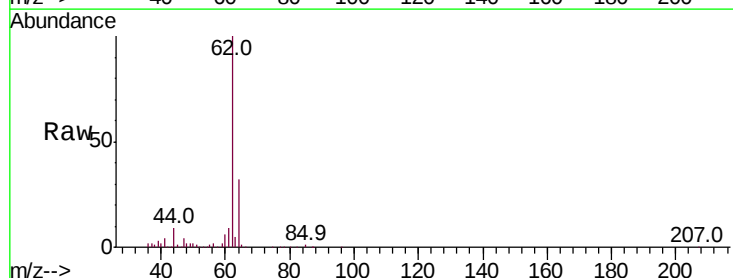
Instrument :
MSVOA_W
ClientSampleId :

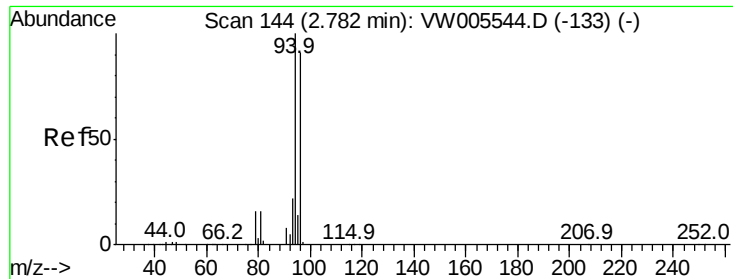
Tot Ion: 50 Resp: 89763
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.4



#4
Vinyl Chloride
Concen: 47.701 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 62 Resp: 109123
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5

Bromomethane

Concen: 47.347 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

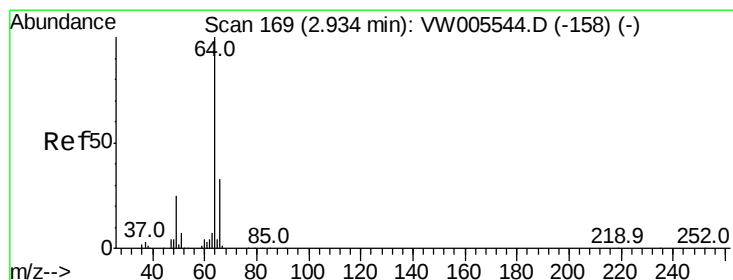
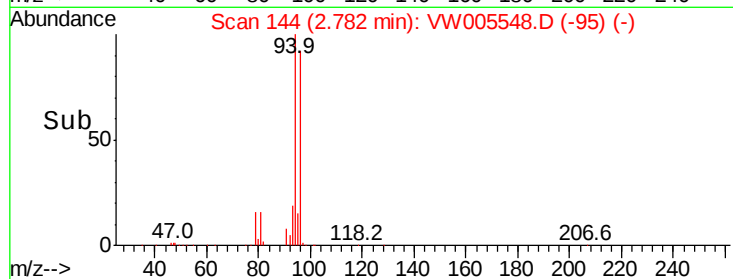
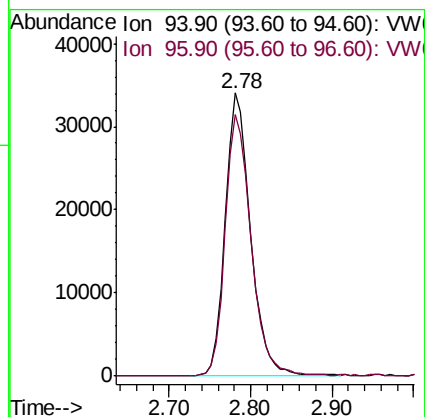
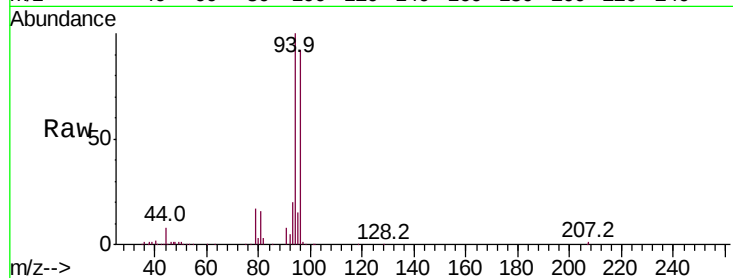
ClientSampleId :

Tot Ion: 94 Resp: 73198

Ion Ratio Lower Upper

94 100

96 92.1 73.1 109.7



#6

Chloroethane

Concen: 47.455 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005548.D

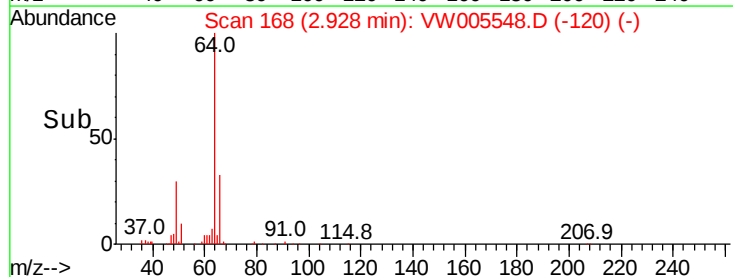
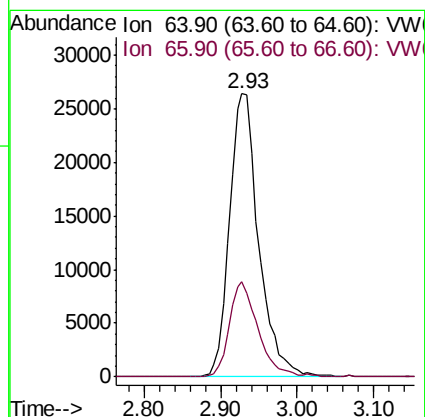
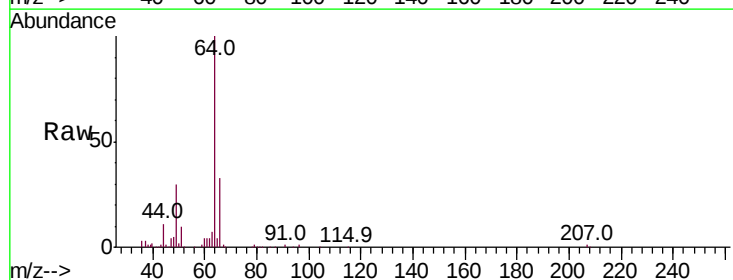
Acq: 21 Sep 2018 00:02

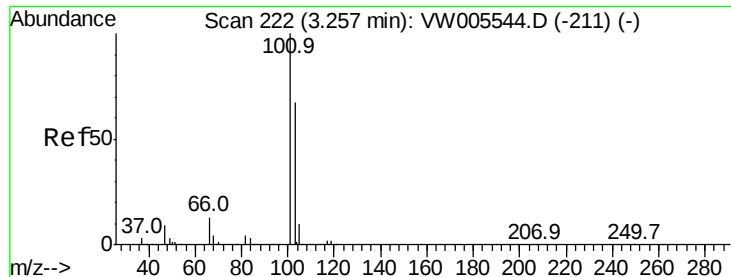
Tgt Ion: 64 Resp: 69660

Ion Ratio Lower Upper

64 100

66 33.4 26.0 39.0



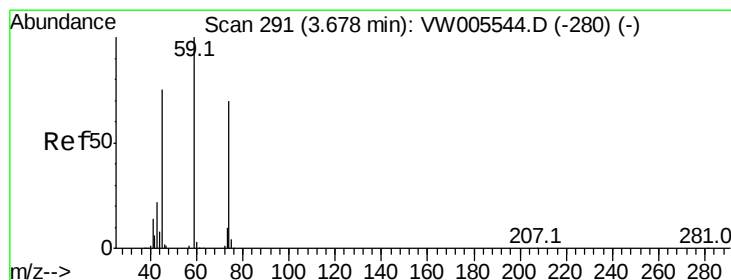
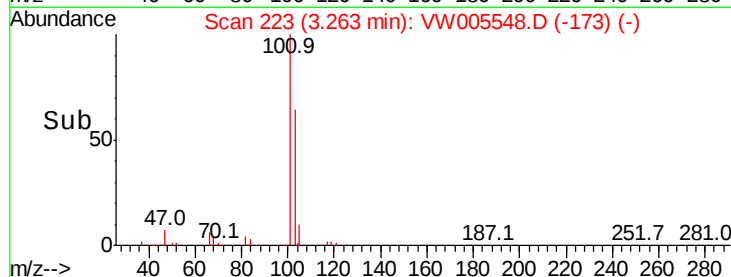
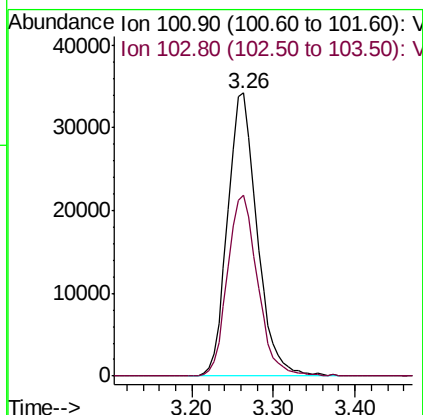
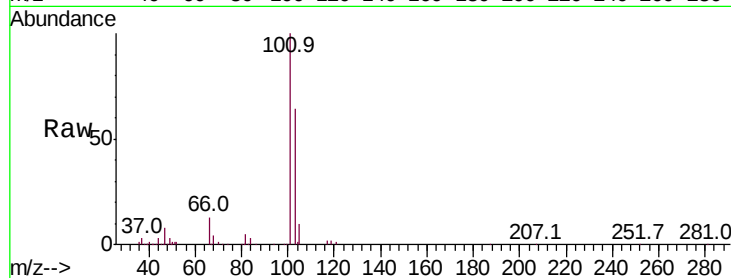


#7

Trichlorofluoromethane
 Concen: 47.777 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Instrument :
 MSVOA_W
 ClientSampleId :

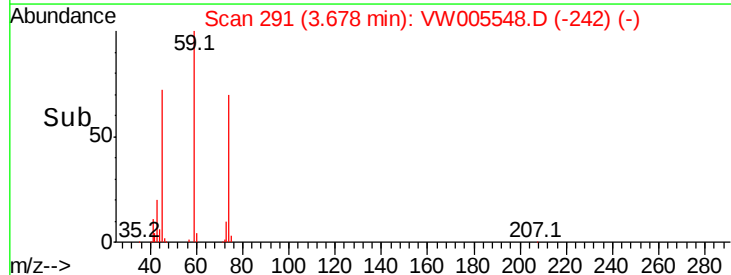
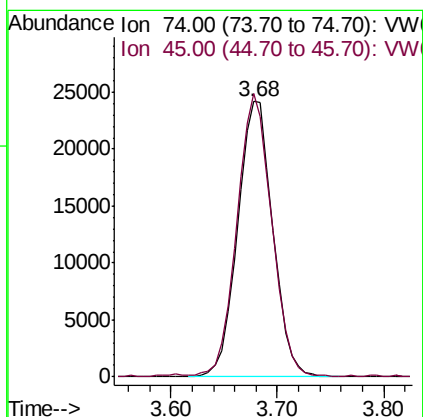
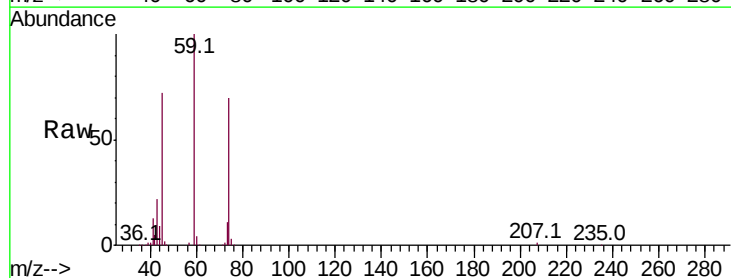
Tot Ion:101 Resp: 85483
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8

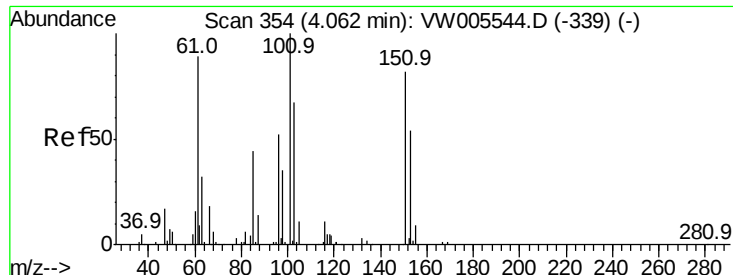


#8

Diethyl Ether
 Concen: 47.843 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion: 74 Resp: 55917
 Ion Ratio Lower Upper
 74 100
 45 102.0 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.428 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampleId :

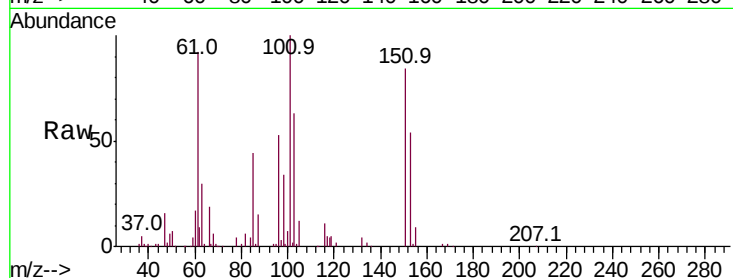
Tot Ion:101 Resp: 107420

Ion Ratio Lower Upper

101 100

85 44.9 36.4 54.6

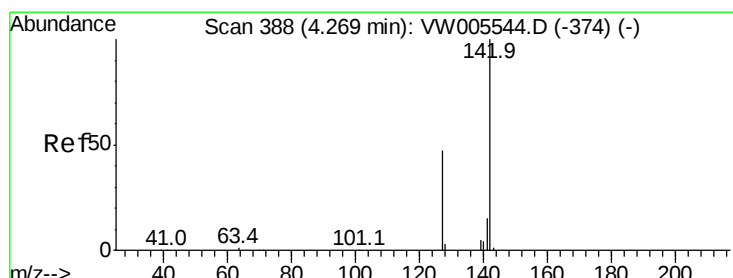
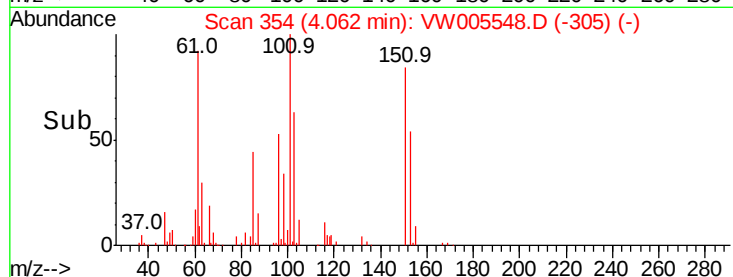
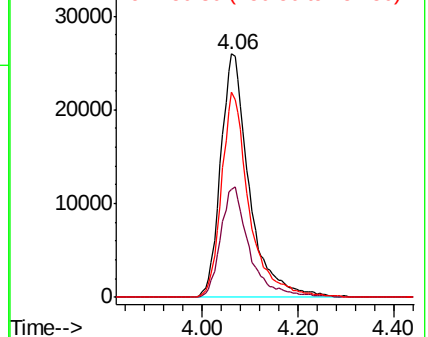
151 81.6 65.8 98.6



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: 49.962 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

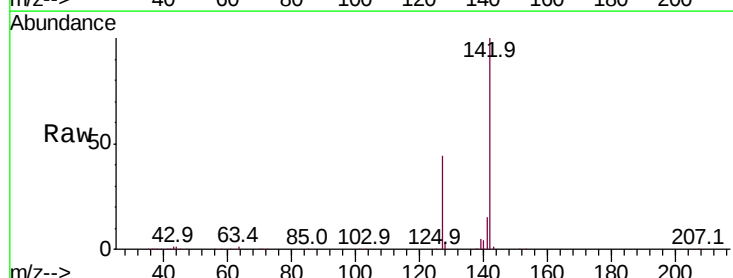
Tgt Ion:142 Resp: 174022

Ion Ratio Lower Upper

142 100

127 45.6 37.4 56.0

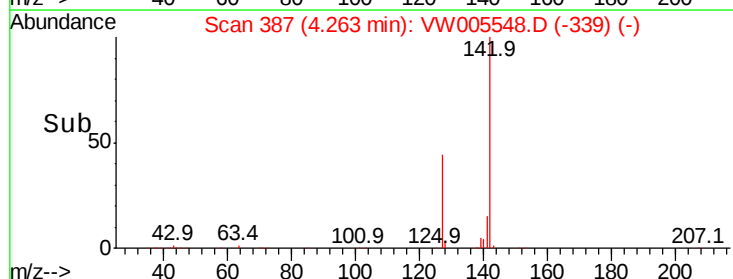
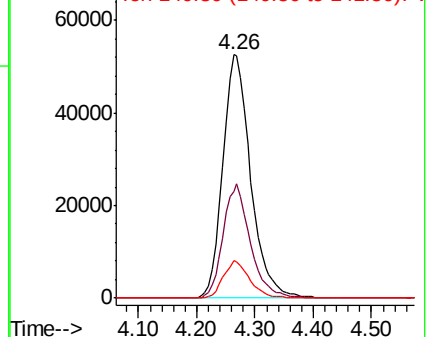
141 14.8 11.9 17.9

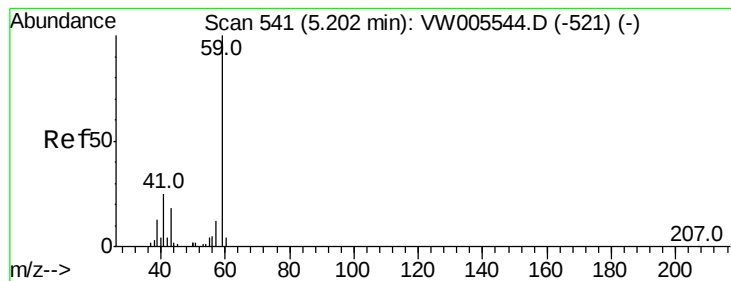


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



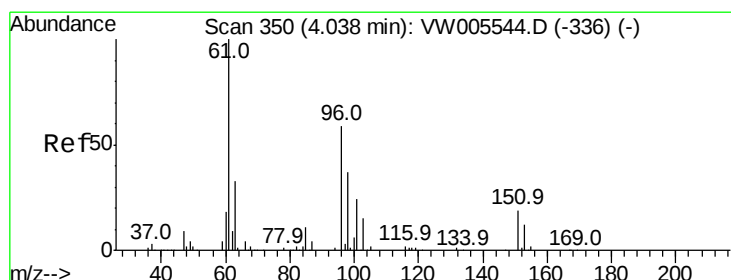
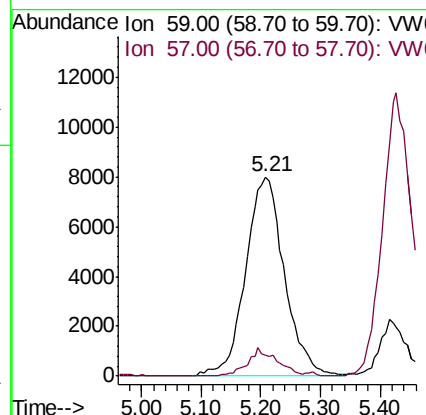
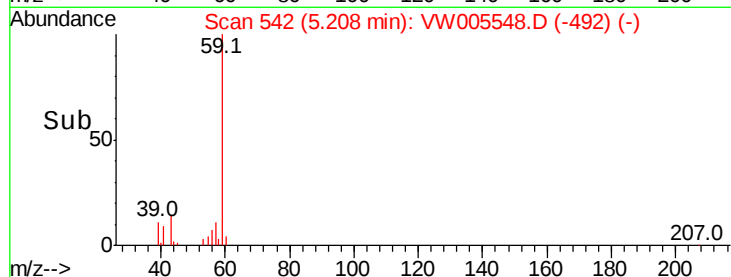
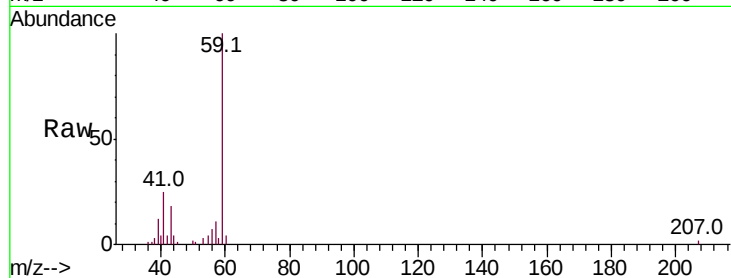


#11

Tert butyl alcohol
Concen: 284.917 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Instrument :
MSVOA_W
ClientSampleId :

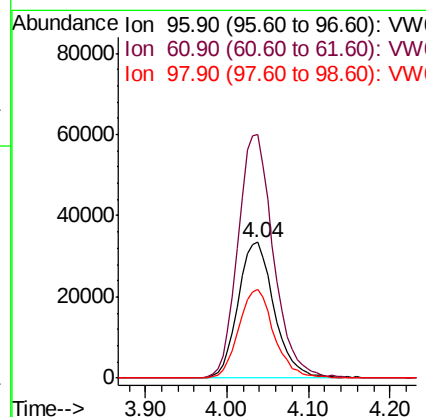
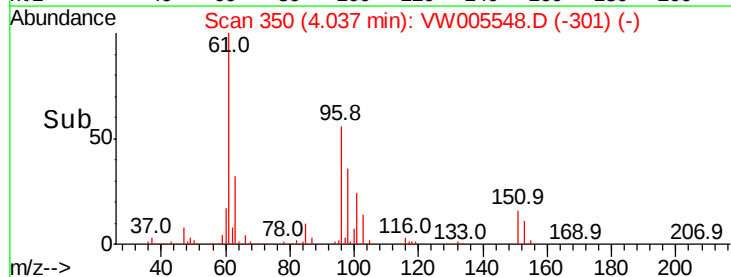
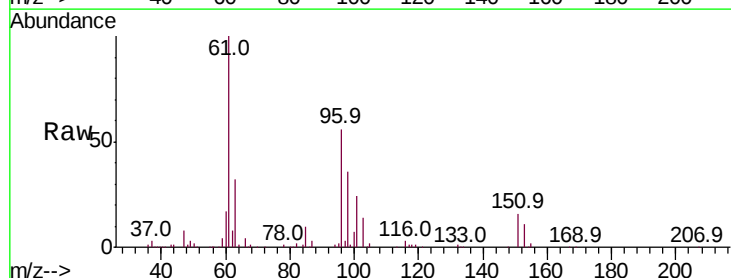
Tot Ion: 59 Resp: 36143
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

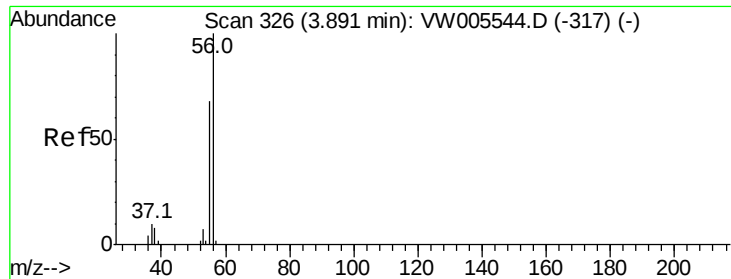


#12

1,1-Dichloroethene
Concen: 47.501 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 96 Resp: 102996
Ion Ratio Lower Upper
96 100
61 179.3 135.0 202.6
98 65.2 50.6 76.0

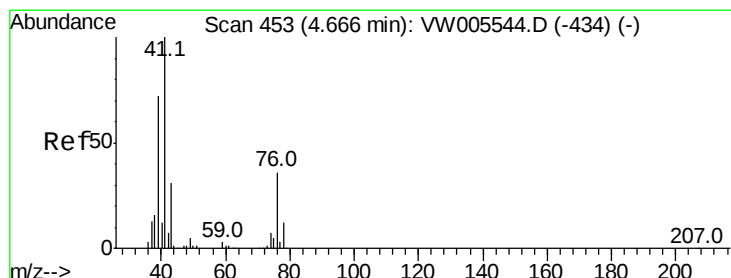
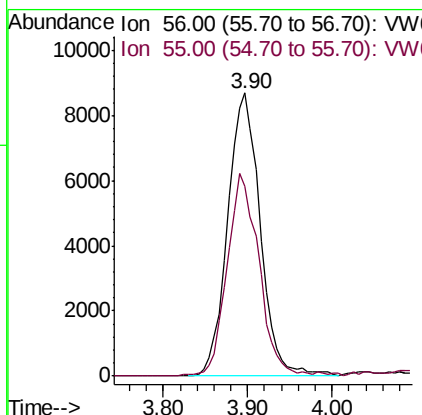
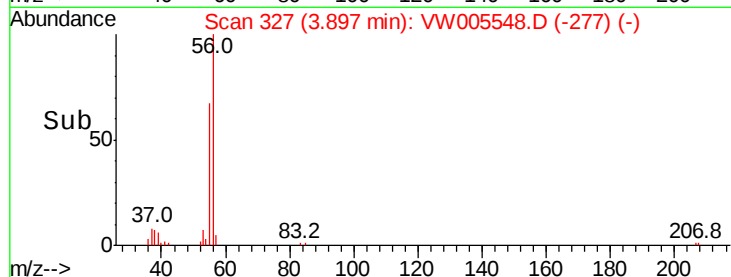
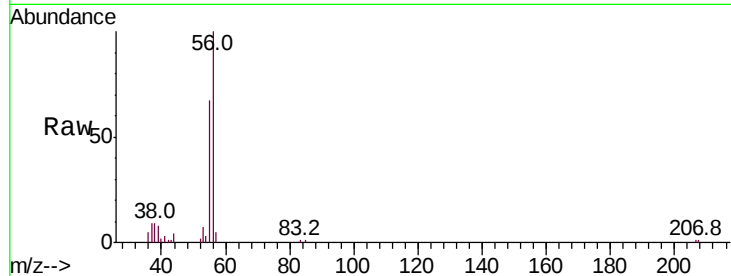




#13
Acrolein
Concen: 233.697 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

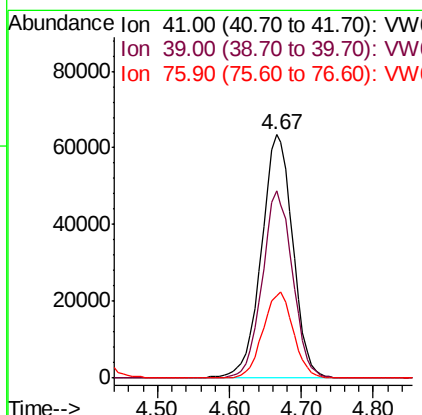
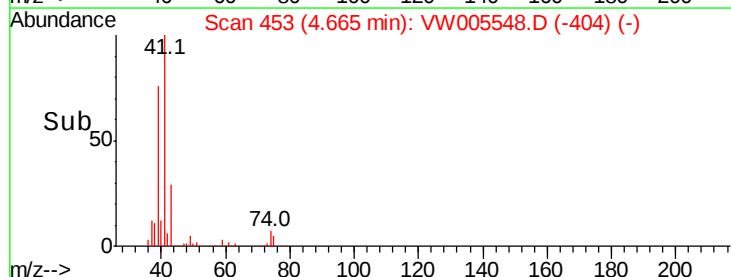
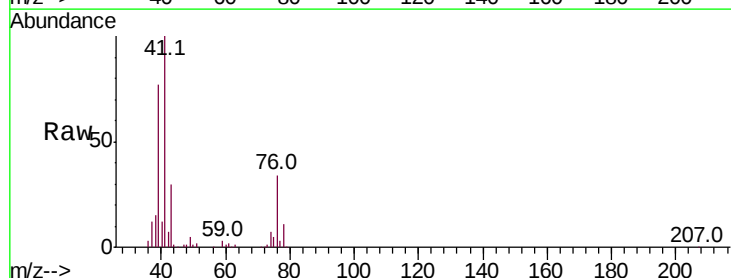
Instrument :
MSVOA_W
ClientSampleId :

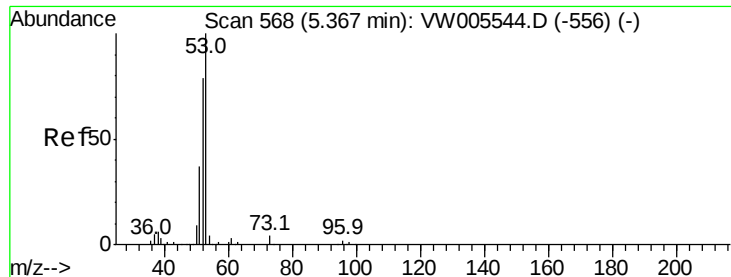
Tot Ion: 56 Resp: 22756
Ion Ratio Lower Upper
56 100
55 70.3 57.8 86.8



#14
Allyl chloride
Concen: 50.720 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 41 Resp: 191931
Ion Ratio Lower Upper
41 100
39 74.5 59.6 89.4
76 34.2 27.7 41.5





#15

Acrylonitrile

Concen: 240.043 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :
MSVOA_W
ClientSampleId :

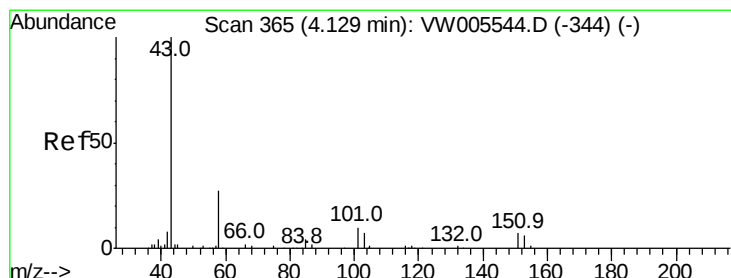
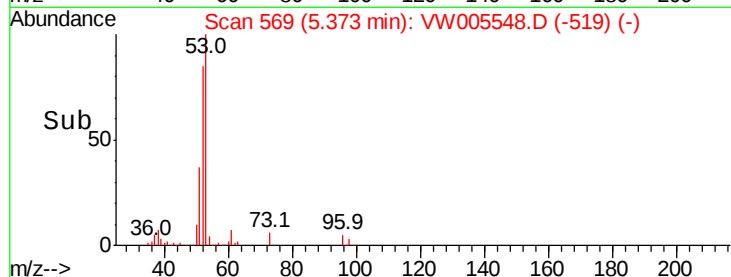
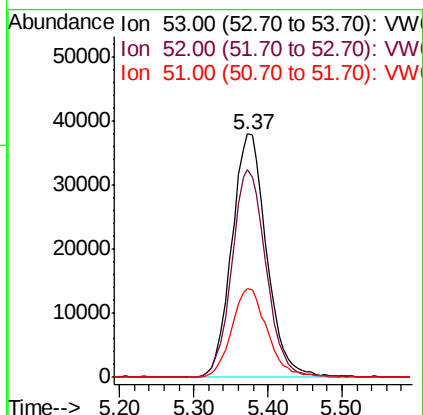
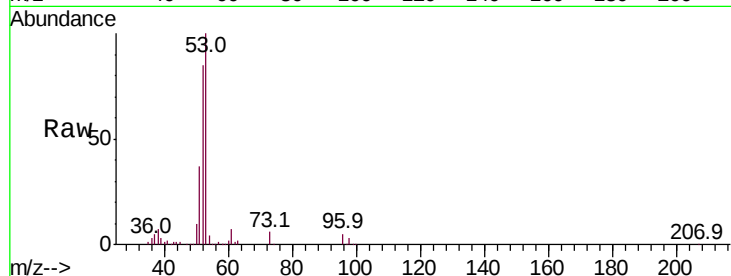
Tot Ion: 53 Resp: 124564

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

51 37.5 30.6 46.0



#16

Acetone

Concen: 254.436 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005548.D

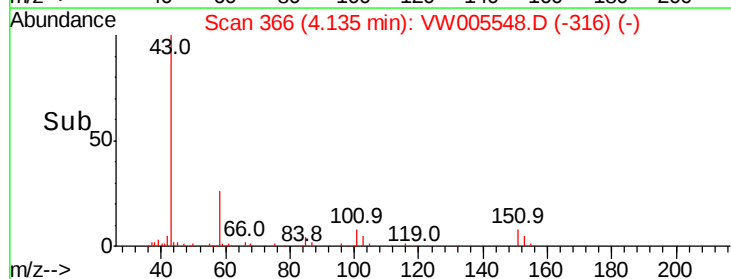
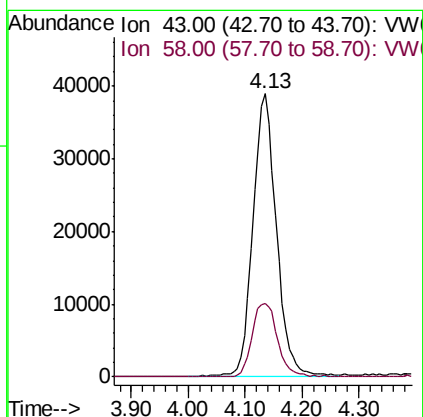
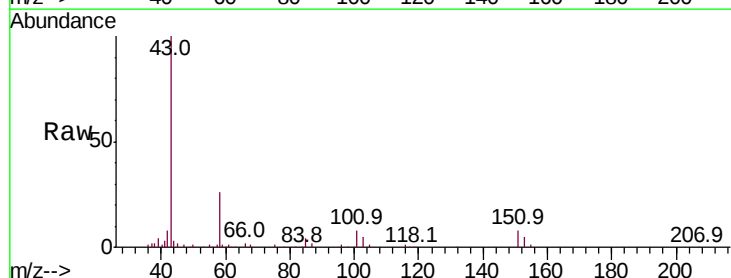
Acq: 21 Sep 2018 00:02

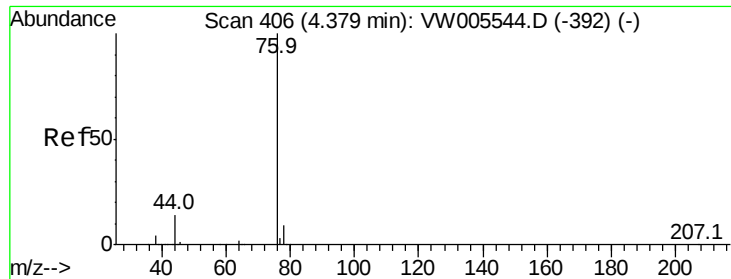
Tgt Ion: 43 Resp: 112114

Ion Ratio Lower Upper

43 100

58 25.6 21.8 32.8

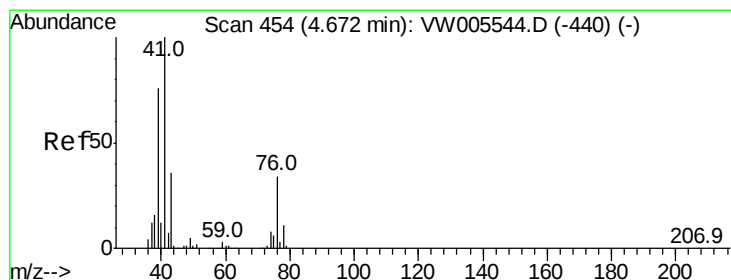
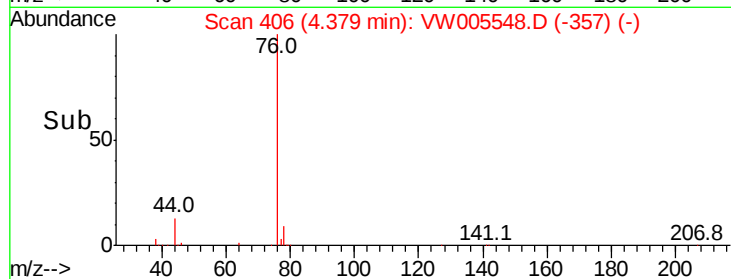
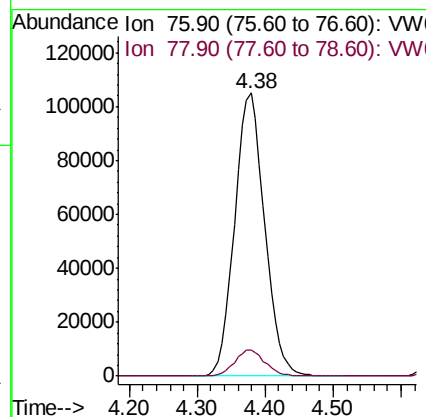
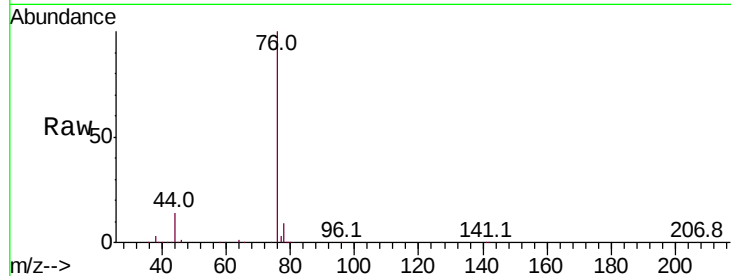




#17
Carbon Disulfide
Concen: 47.527 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

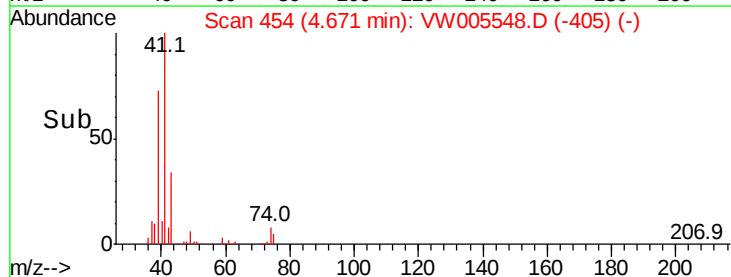
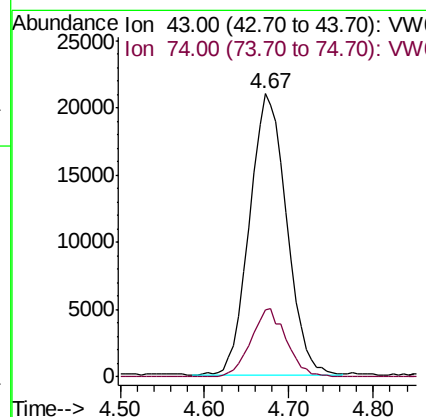
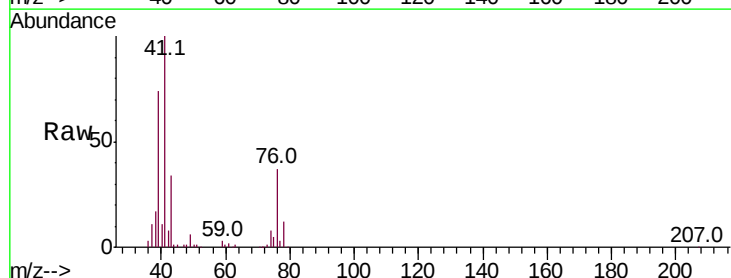
Instrument :
MSVOA_W
ClientSampled :

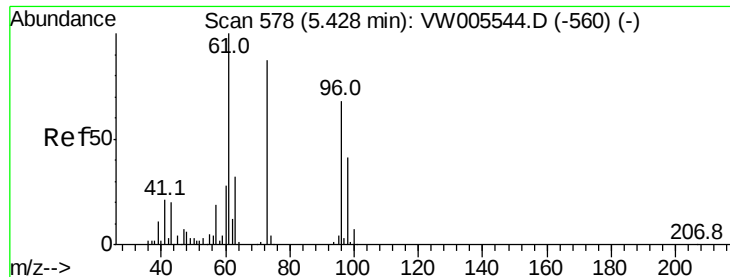
Tot Ion: 76 Resp: 321984
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.502 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 43 Resp: 63146
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8

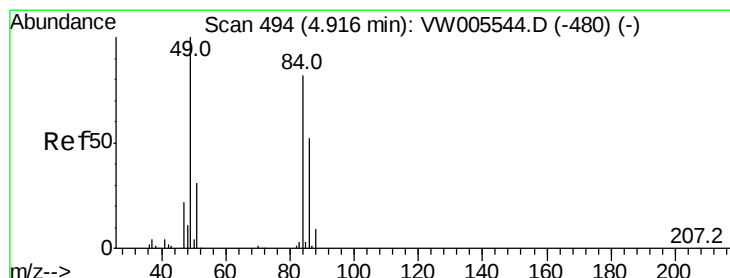
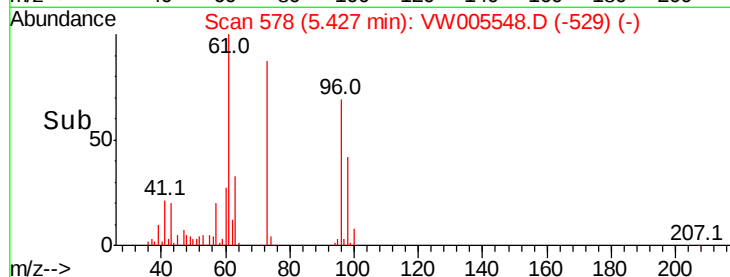
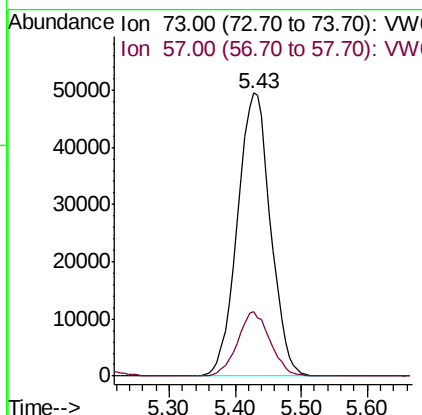
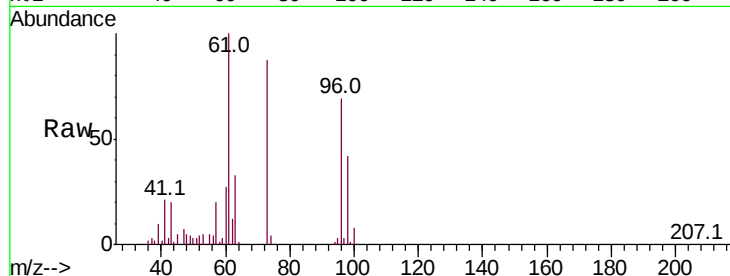




#19
Methyl tert-butyl Ether
Concen: 51.452 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

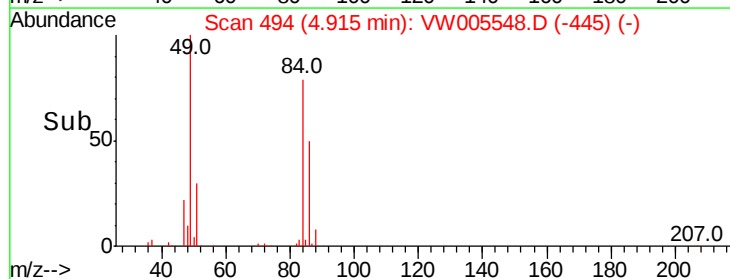
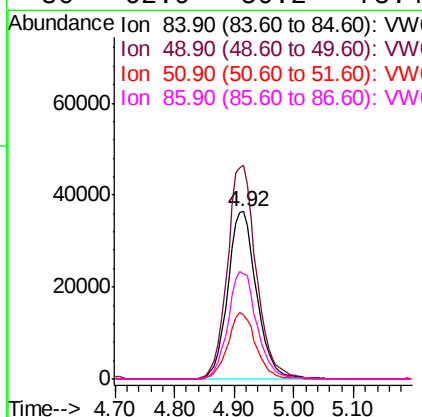
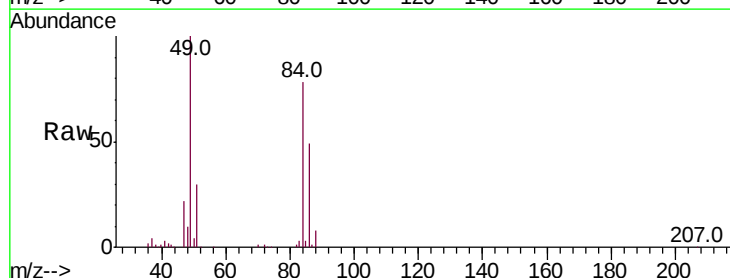
Instrument :
MSVOA_W
ClientSampled :

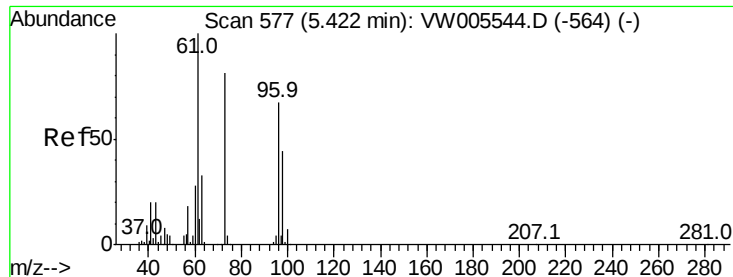
Tot Ion: 73 Resp: 172199
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4



#20
Methylene Chloride
Concen: 52.295 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 84 Resp: 122425
Ion Ratio Lower Upper
84 100
49 127.5 97.0 145.6
51 38.0 30.2 45.2
86 62.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 49.732 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampleId :

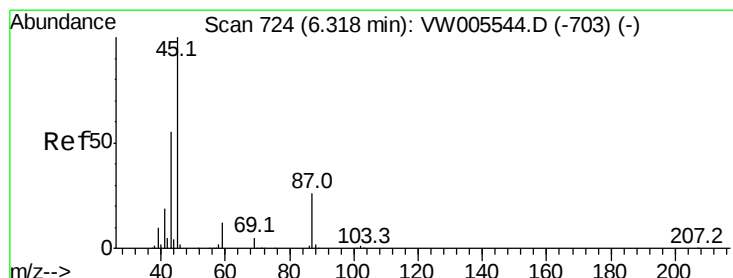
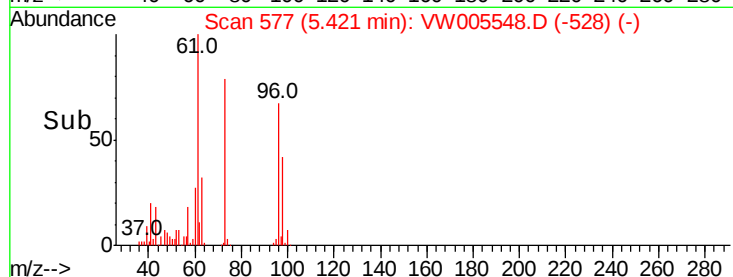
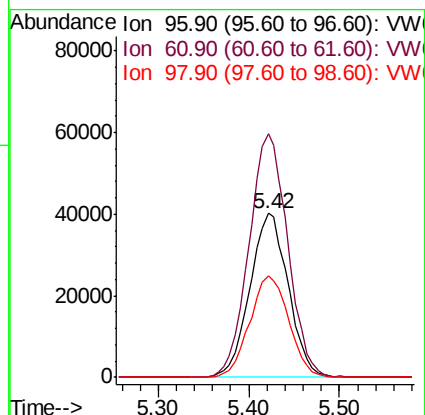
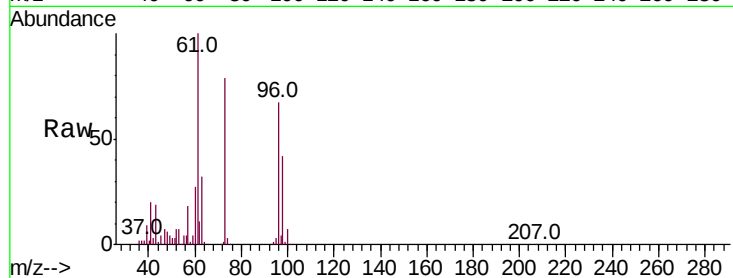
Tot Ion: 96 Resp: 118109

Ion Ratio Lower Upper

96 100

61 148.5 118.9 178.3

98 61.7 52.1 78.1



#22

Diisopropyl ether

Concen: 52.734 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Tgt Ion: 45 Resp: 387381

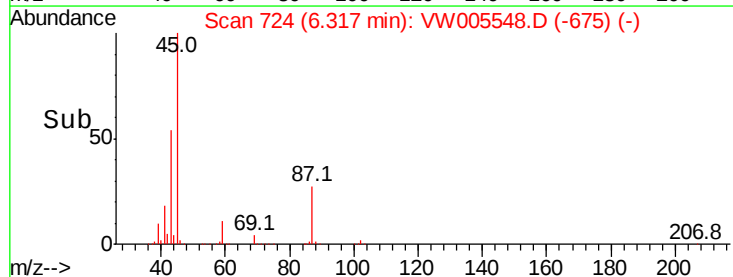
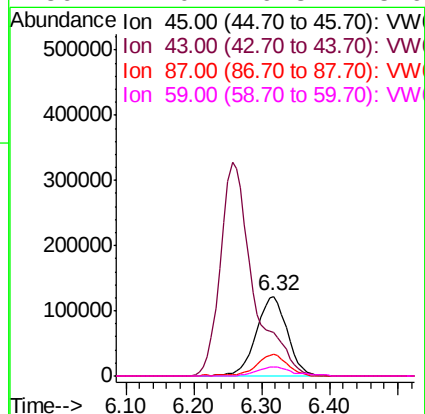
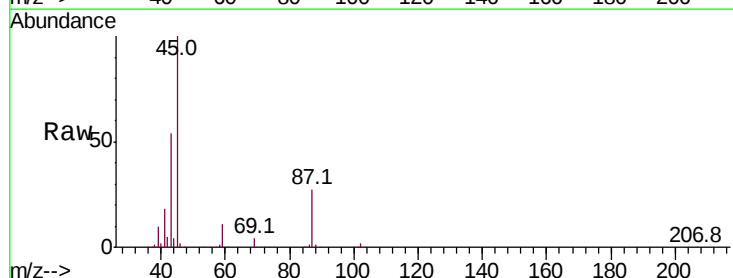
Ion Ratio Lower Upper

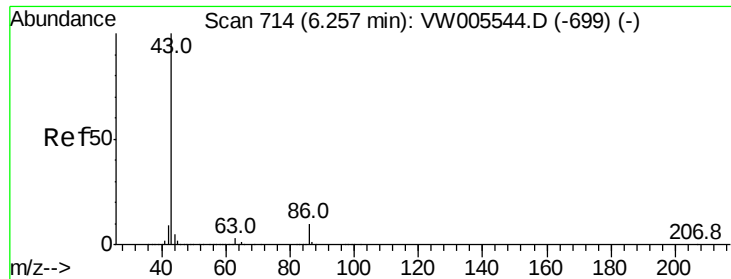
45 100

43 53.8 44.2 66.4

87 26.6 21.4 32.2

59 11.0 9.3 13.9

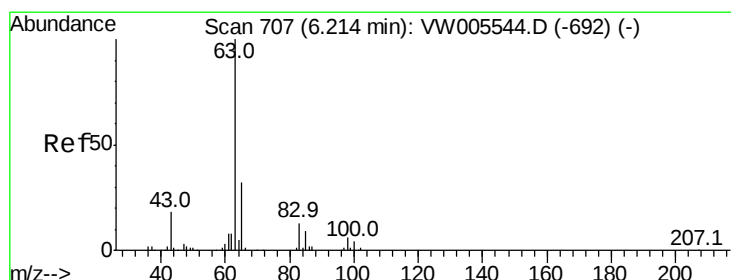
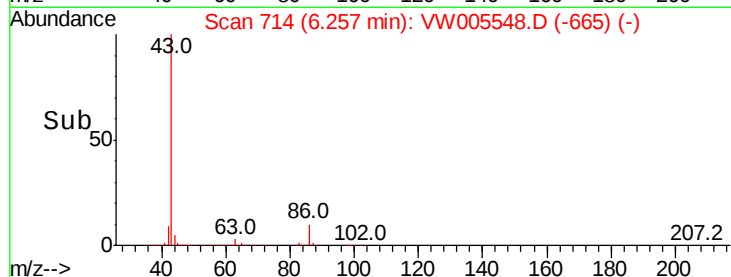
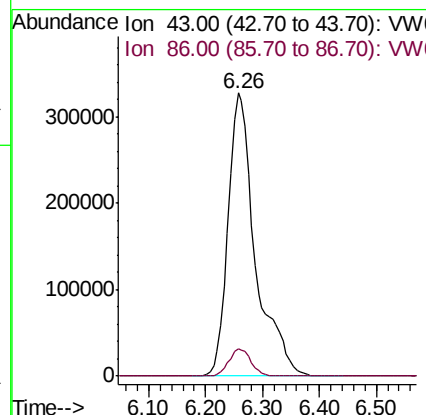
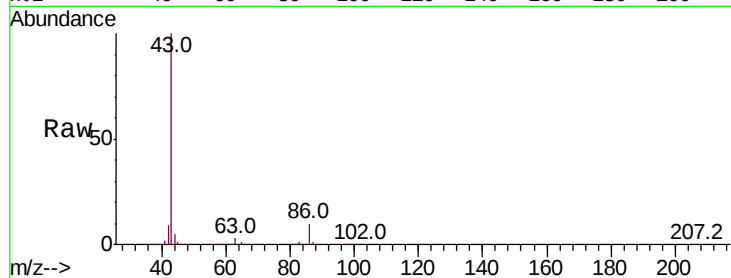




#23
 Vinyl Acetate
 Concen: 260.556 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

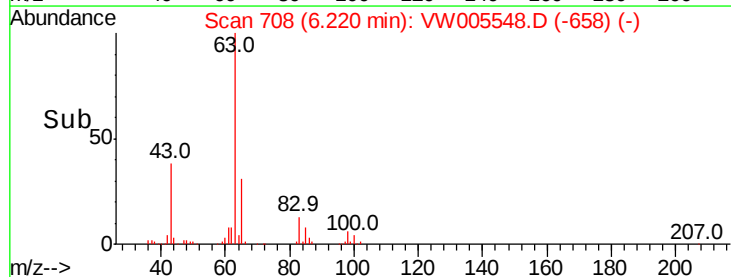
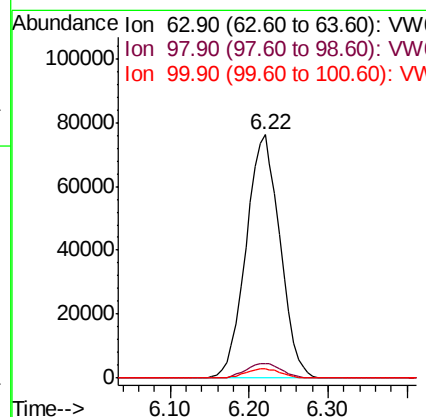
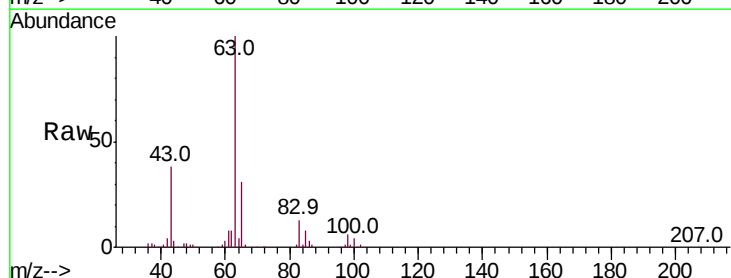
Instrument :
 MSVOA_W
 ClientSampleId :

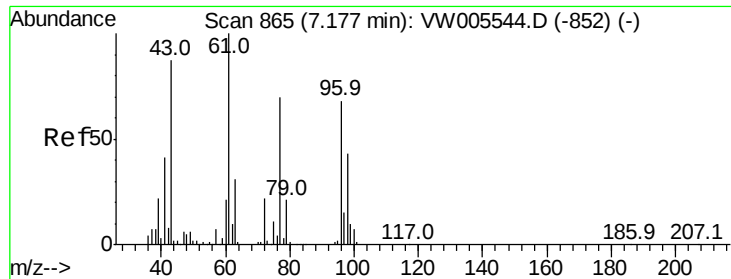
Tot Ion: 43 Resp: 1093998
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 50.080 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion: 63 Resp: 227295
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.8
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 235.070 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

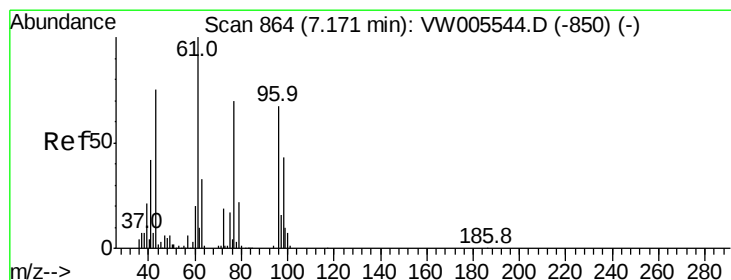
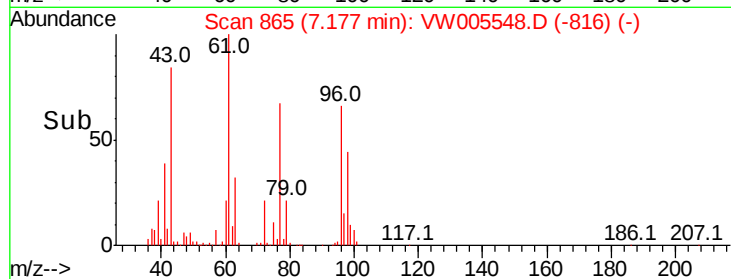
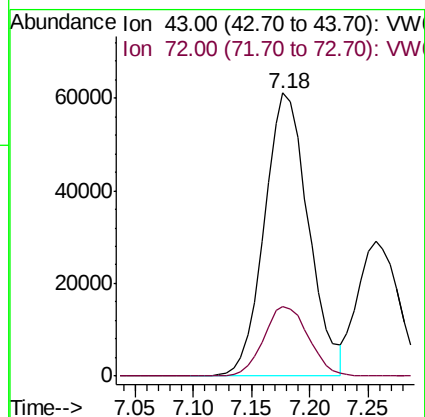
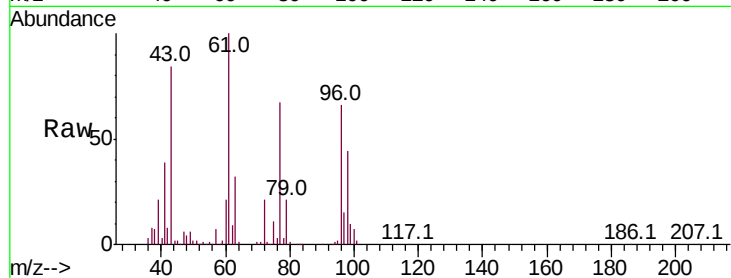
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 160131

Ion Ratio Lower Upper

43 100

72 24.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 46.924 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005548.D

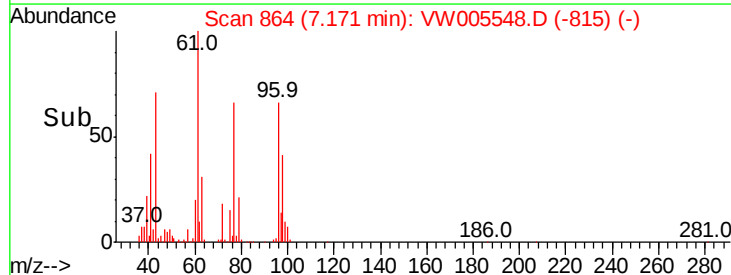
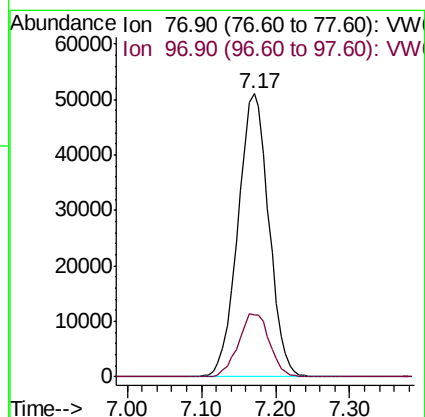
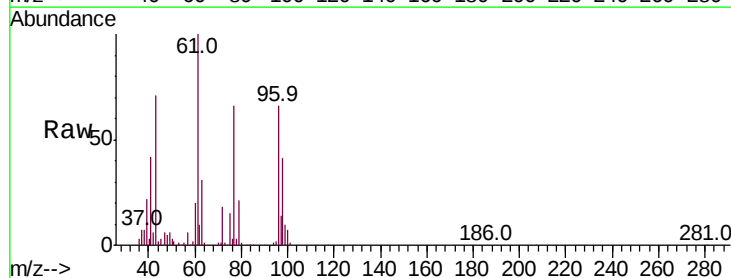
Acq: 21 Sep 2018 00:02

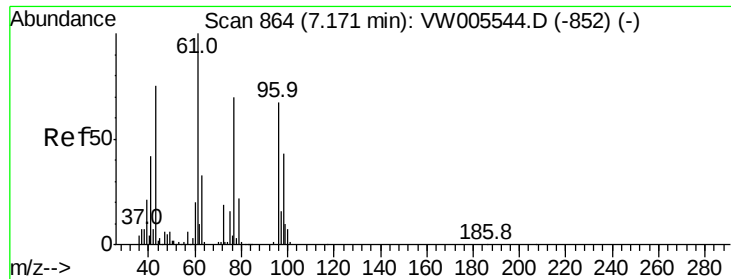
Tgt Ion: 77 Resp: 148681

Ion Ratio Lower Upper

77 100

97 22.5 11.0 33.0



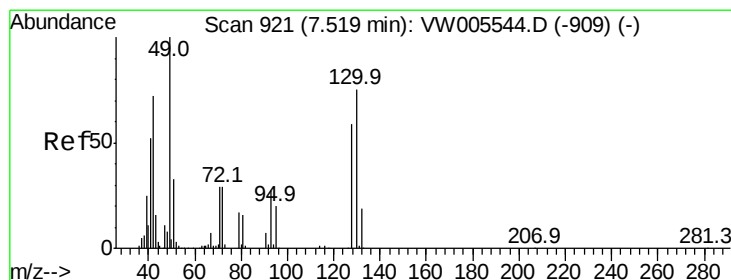
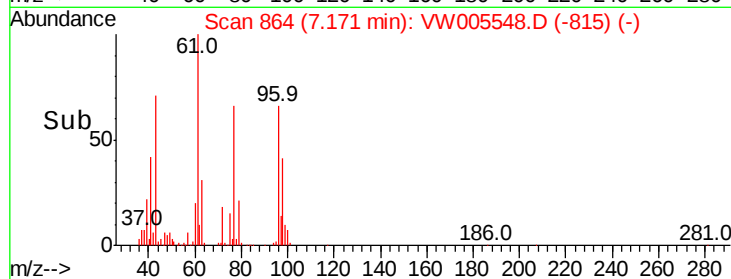
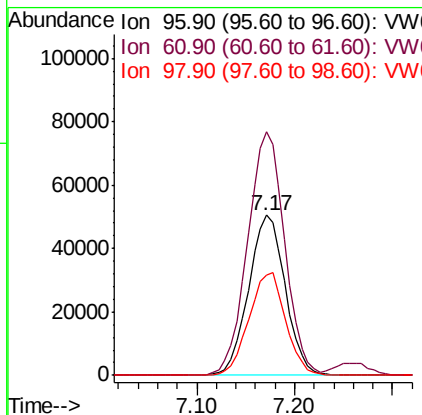
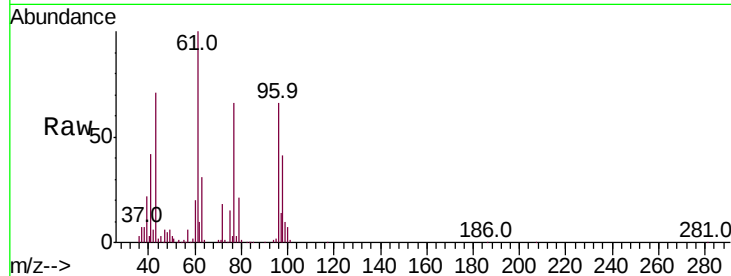


#27

cis-1,2-Dichloroethene
 Concen: 50.370 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Instrument :
 MSVOA_W
 ClientSampled :

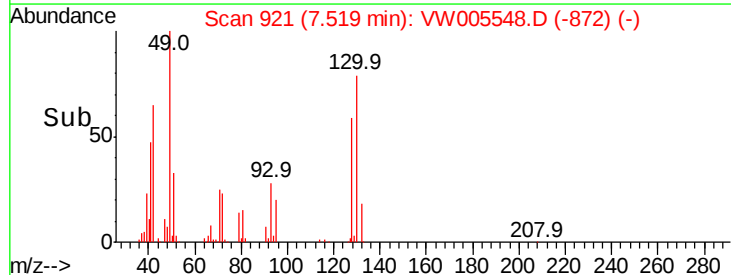
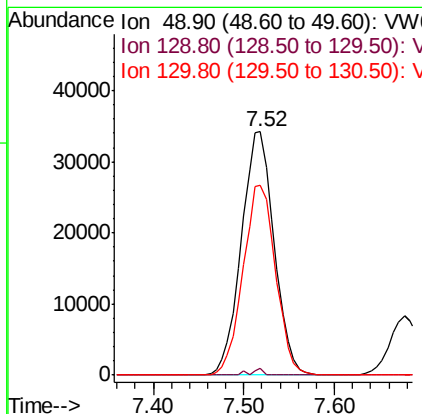
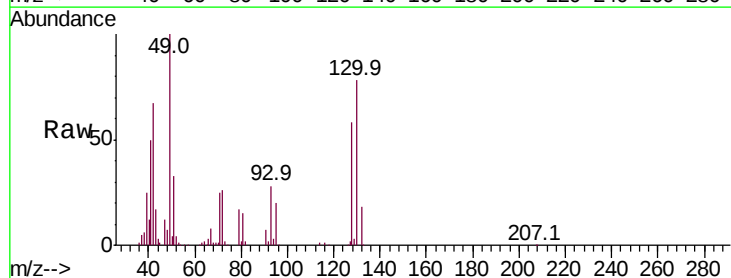
Tot Ion	96	Resp	131941
Ion	Ratio	Lower	Upper
96	100		
61	153.5	0.0	303.4
98	64.2	0.0	127.2

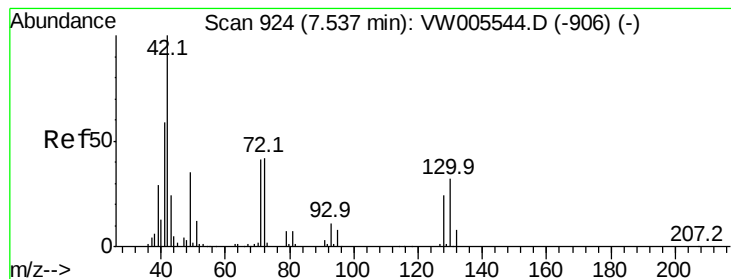


#28

Bromochloromethane
 Concen: 47.674 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion	49	Resp	85708
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.4
130	77.7	61.3	91.9





#29

Tetrahydrofuran

Concen: 245.899 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :
MSVOA_W
ClientSampled :

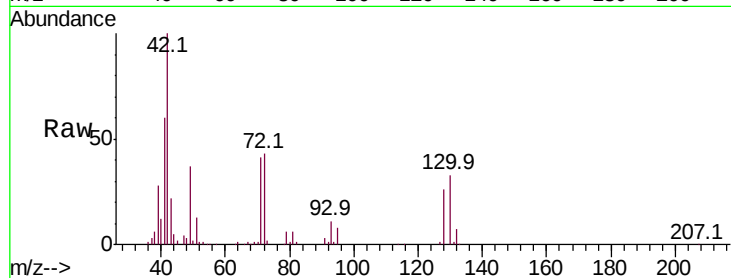
Tot Ion: 42 Resp: 104648

Ion Ratio Lower Upper

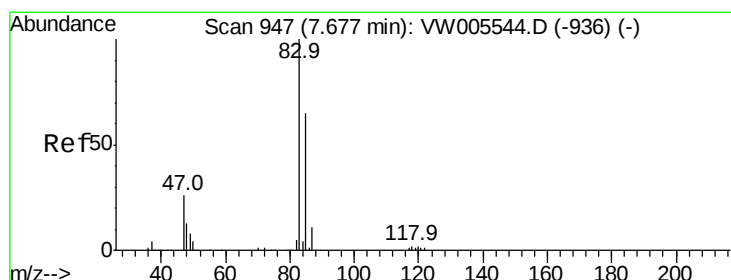
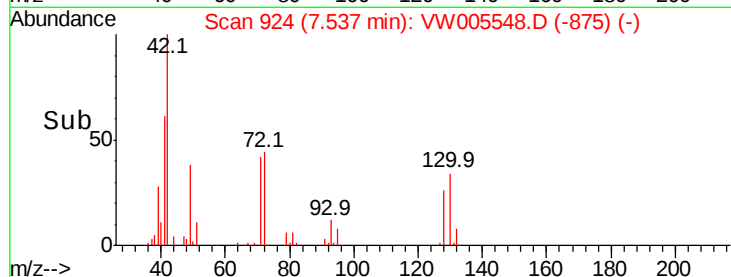
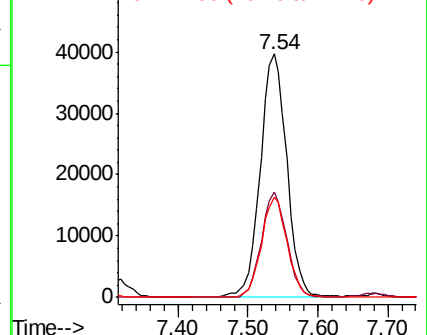
42 100

72 41.4 33.6 50.4

71 39.8 31.8 47.6



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: 50.278 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW005548.D

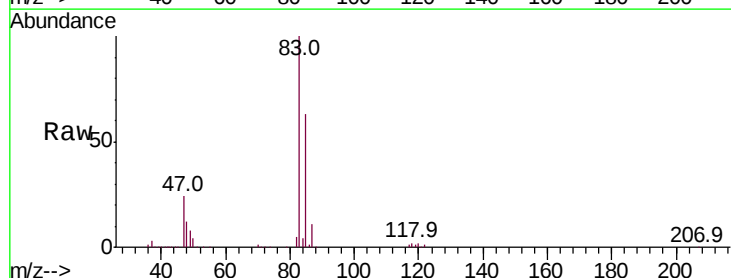
Acq: 21 Sep 2018 00:02

Tgt Ion: 83 Resp: 235585

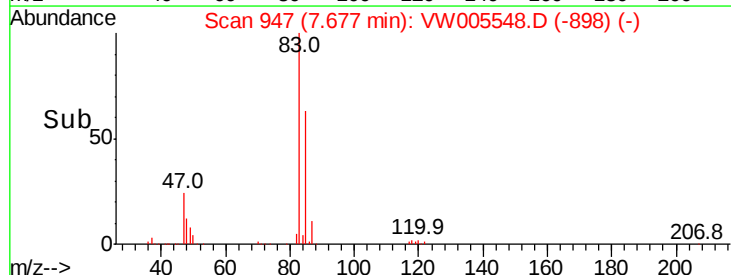
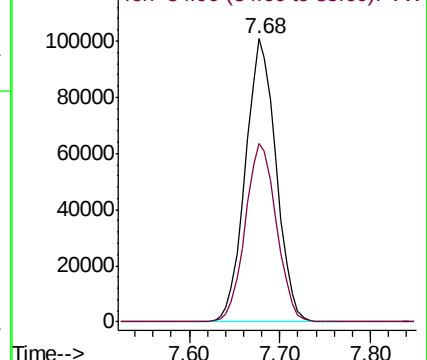
Ion Ratio Lower Upper

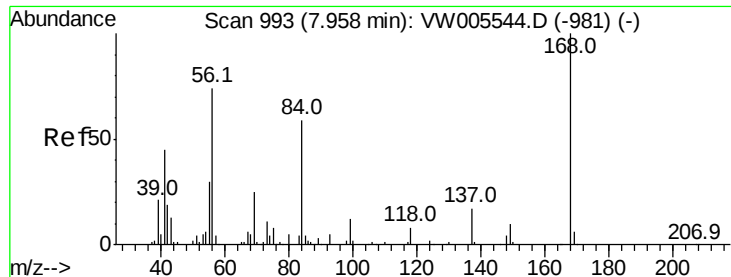
83 100

85 63.0 51.8 77.6



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

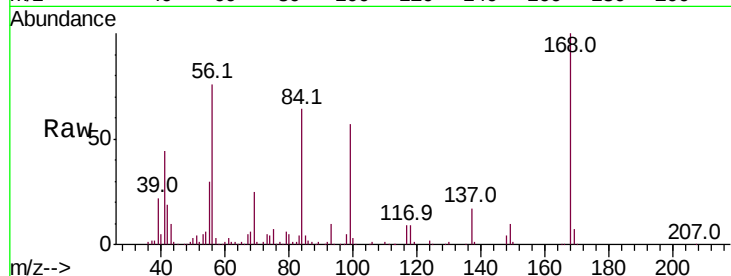




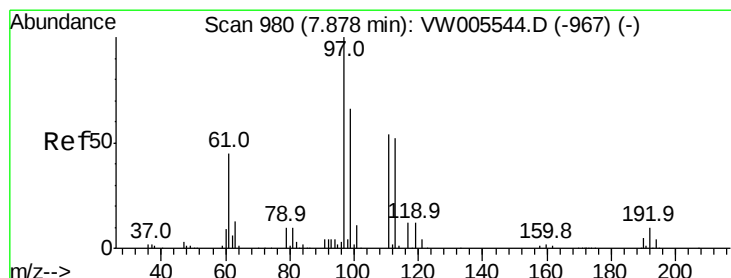
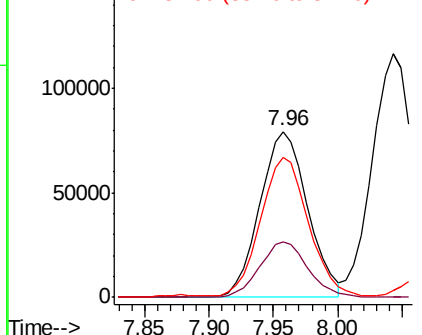
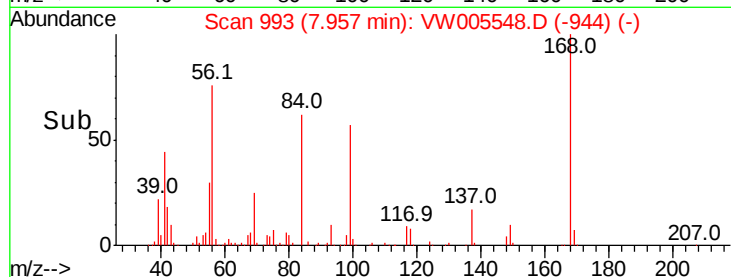
#31
Cyclohexane
Concen: 46.875 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 203827
Ion Ratio Lower Upper
56 100
69 33.1 27.0 40.4
84 82.6 64.2 96.4

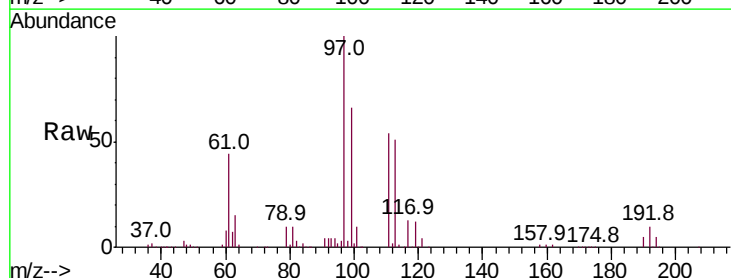


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

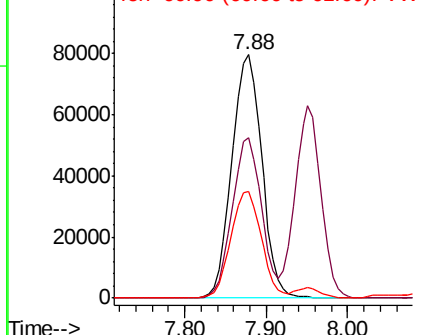
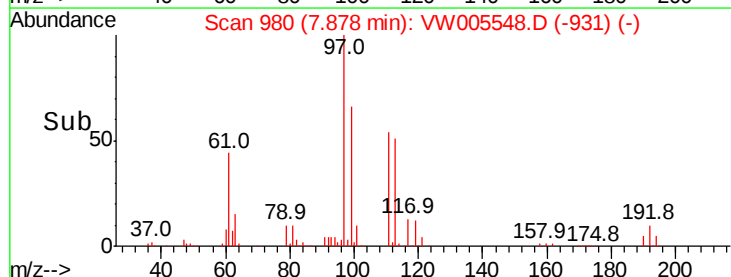


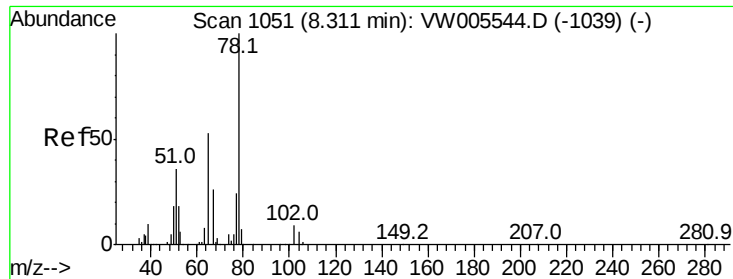
#32
1,1,1-Trichloroethane
Concen: 48.932 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 97 Resp: 202546
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 44.6 36.2 54.2



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: 48.975 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

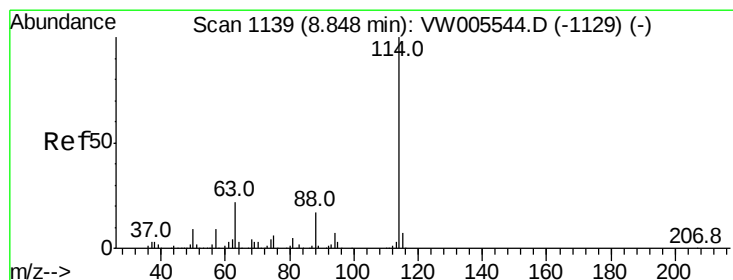
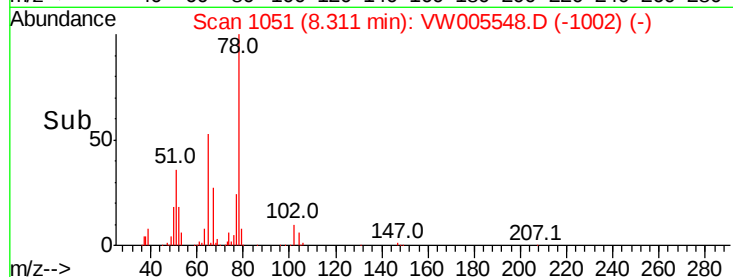
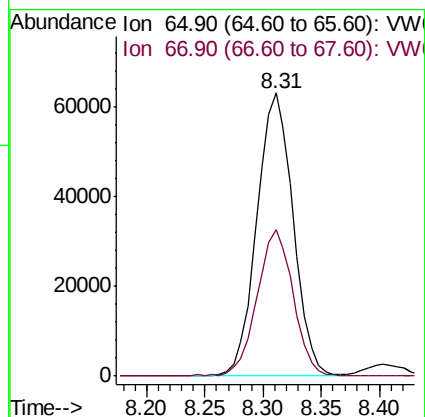
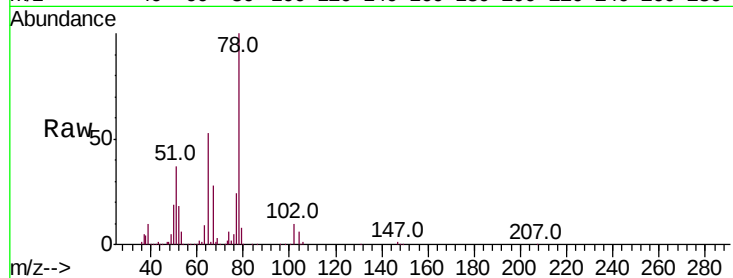
ClientSampleId :

Tot Ion: 65 Resp: 137362

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

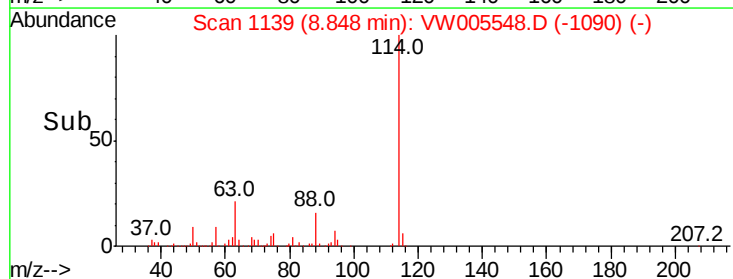
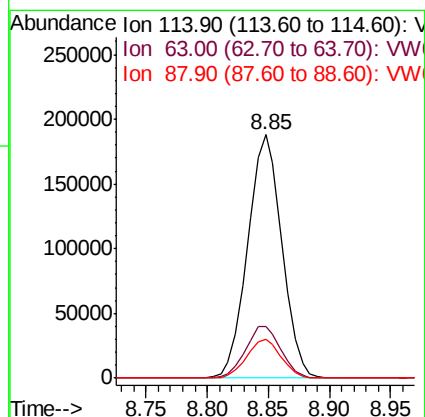
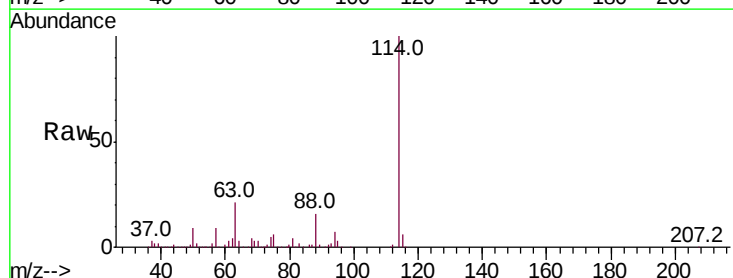
Tgt Ion: 114 Resp: 365793

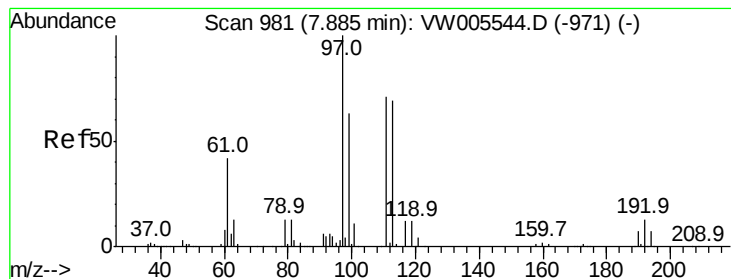
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.234 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampleId :

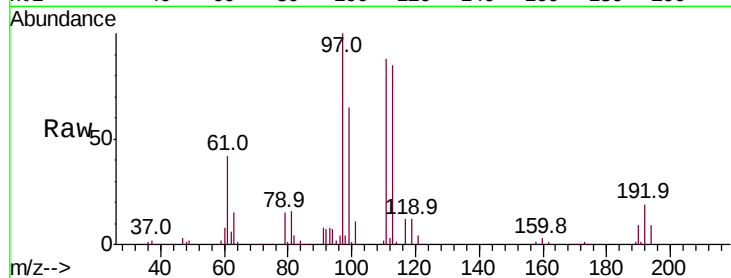
Tot Ion:113 Resp: 115554

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

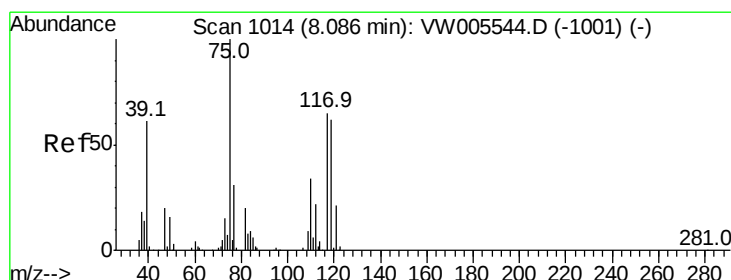
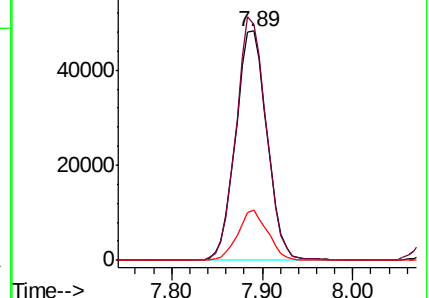
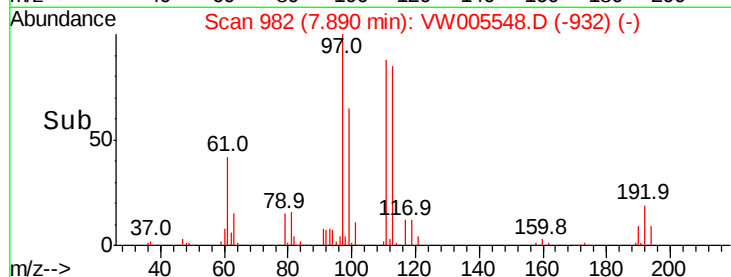
192 20.8 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.936 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

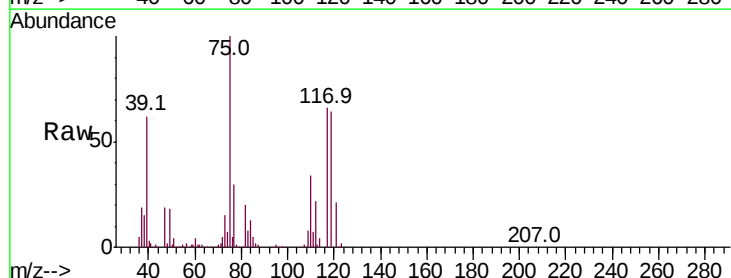
Tgt Ion: 75 Resp: 180197

Ion Ratio Lower Upper

75 100

110 34.7 17.0 50.9

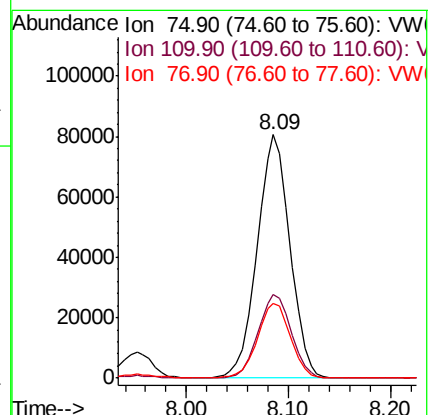
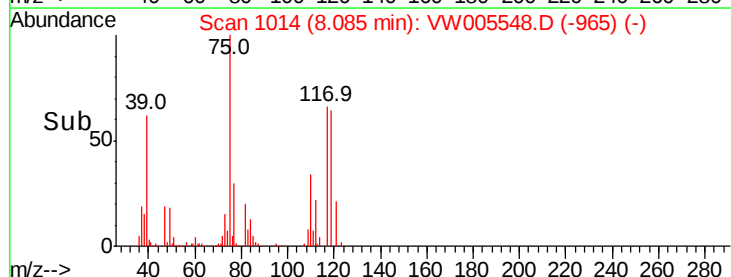
77 31.1 24.8 37.2

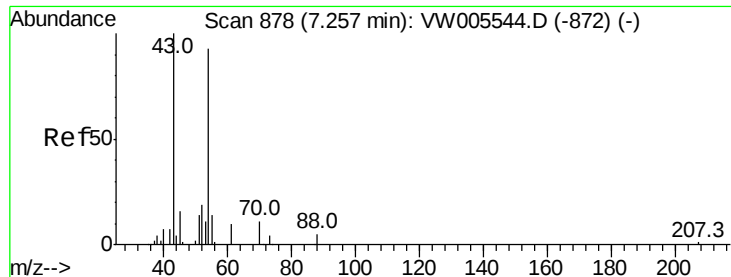


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

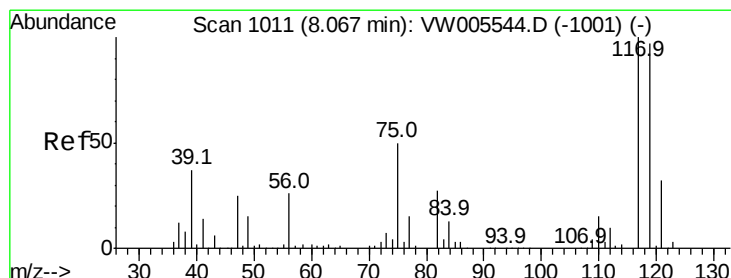
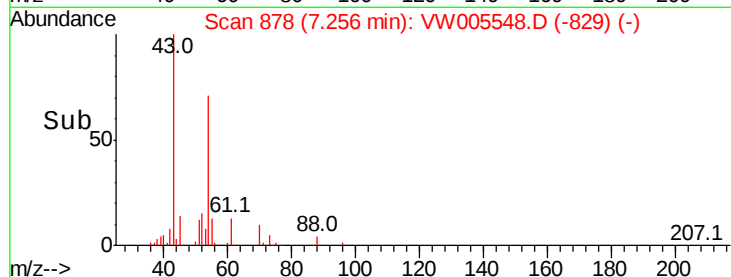
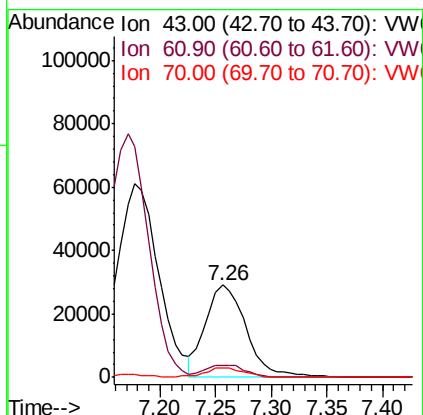
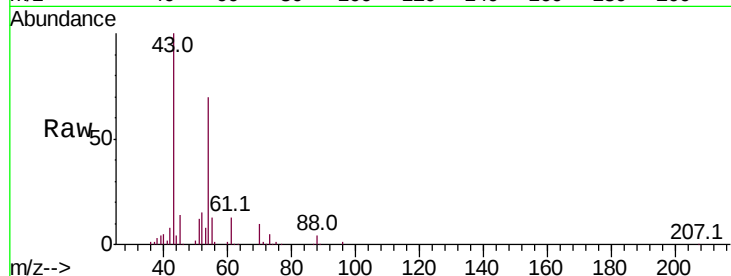




#37
Ethyl Acetate
Concen: 47.187 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

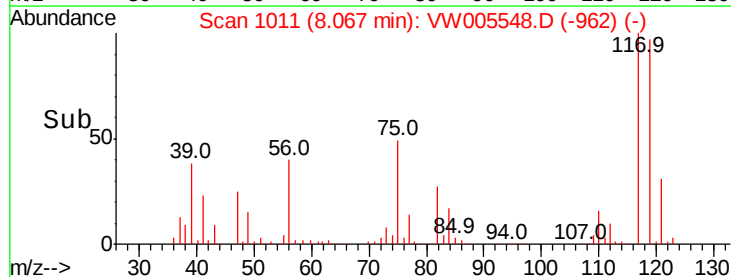
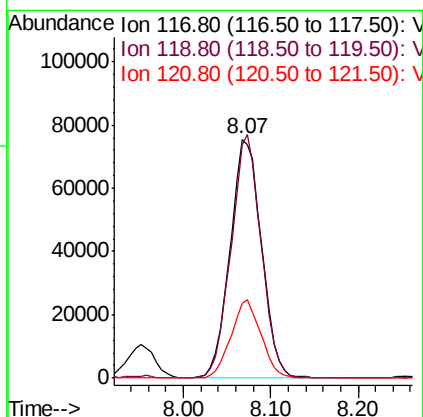
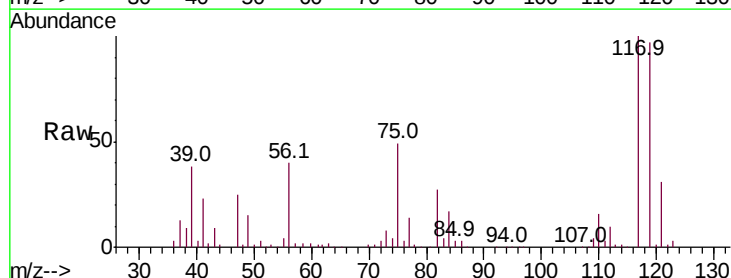
Instrument :
MSVOA_W
ClientSampled :

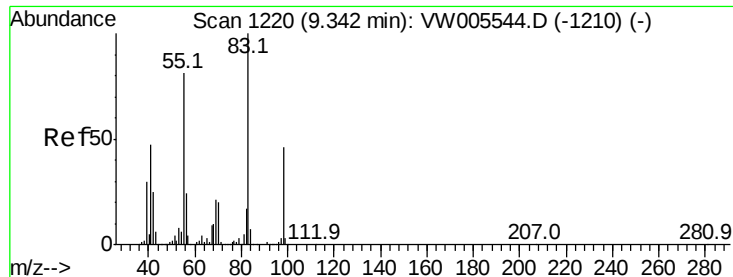
Tot Ion: 43 Resp: 73121
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 47.911 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 117 Resp: 189051
Ion Ratio Lower Upper
117 100
119 97.5 77.6 116.4
121 31.1 25.7 38.5

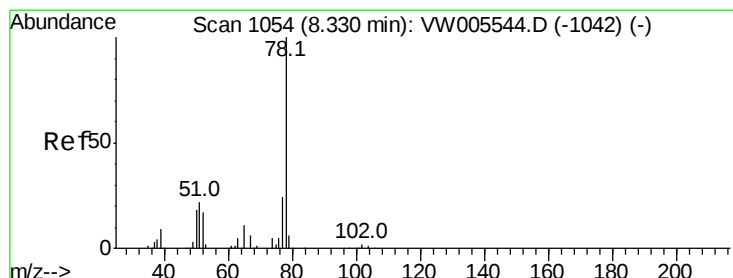
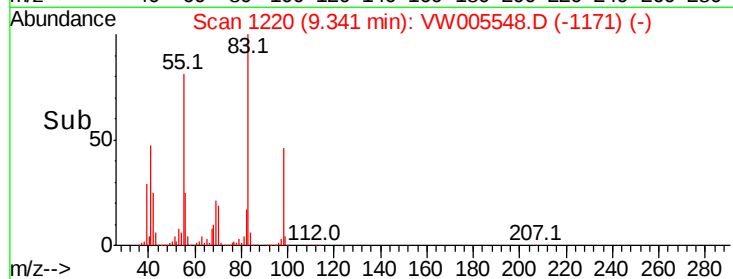
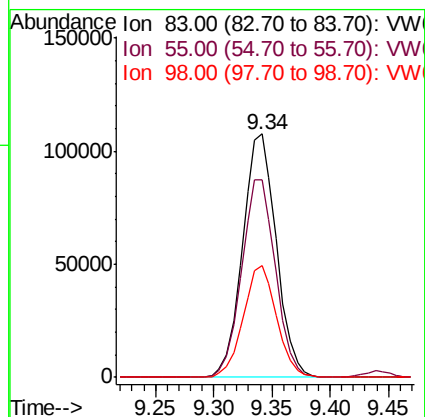
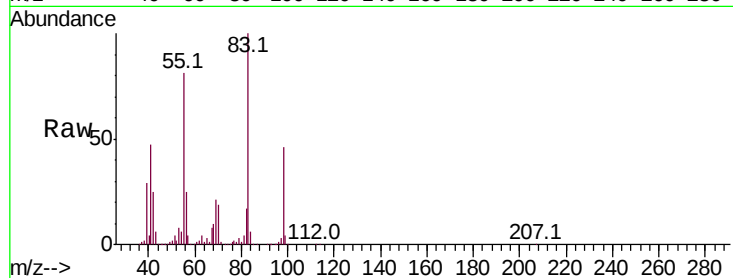




#39
Methvlcvclohexane
Concen: 49.858 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

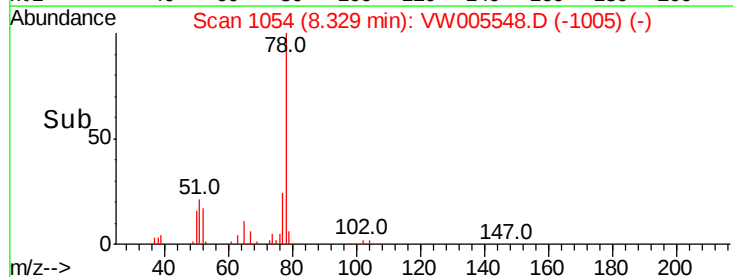
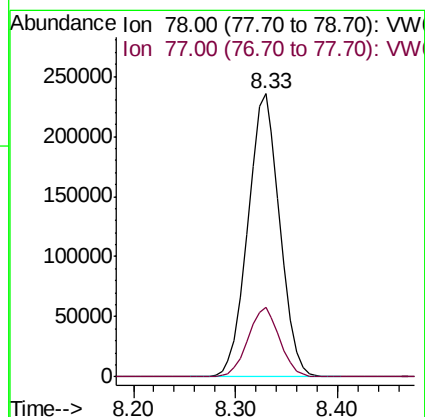
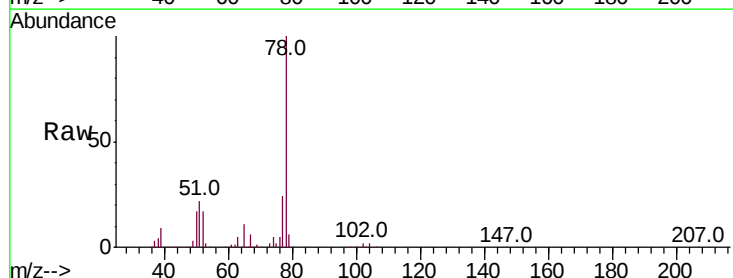
Instrument :
MSVOA_W
ClientSampled :

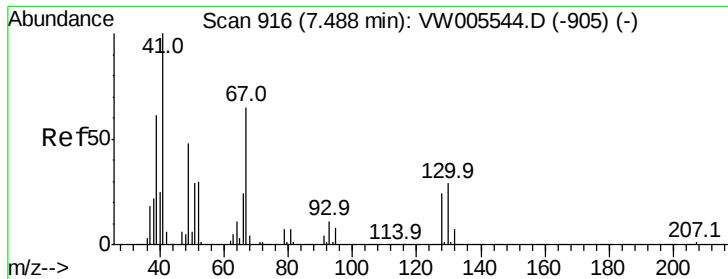
Tot Ion: 83 Resp: 216608
Ion Ratio Lower Upper
83 100
55 80.9 64.6 97.0
98 46.0 37.0 55.6



#40
Benzene
Concen: 48.996 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 78 Resp: 511191
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

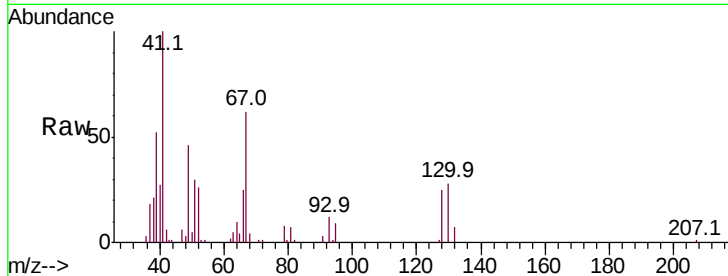




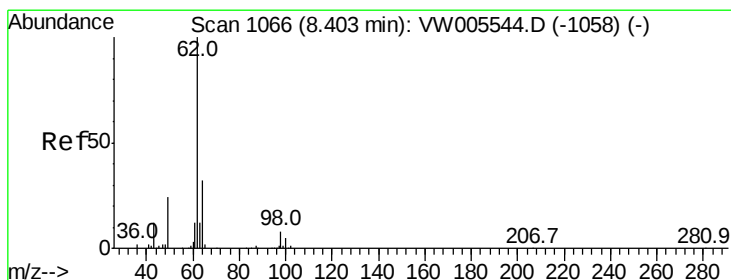
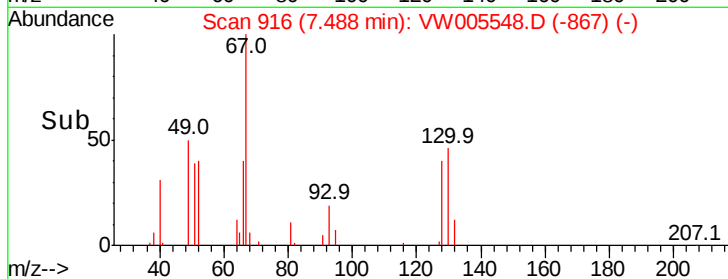
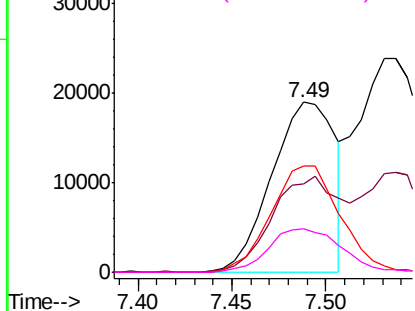
#41
Methacrylonitrile
Concen: 50.422 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	44462
Ion	Ratio	Lower	Upper
41	100		
39	61.9	45.4	68.2
67	68.0	55.2	82.8
52	29.7	25.3	37.9

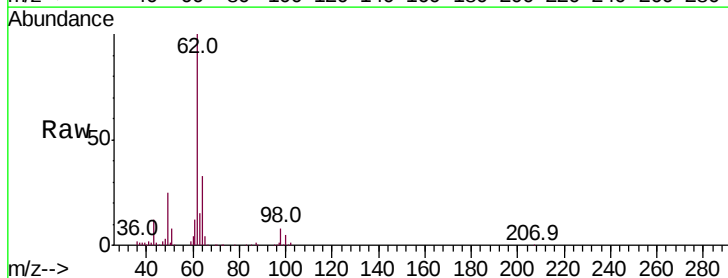


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

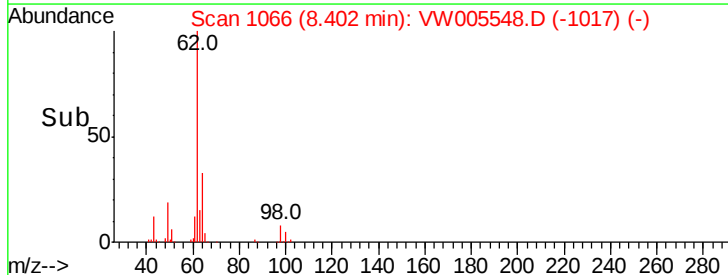
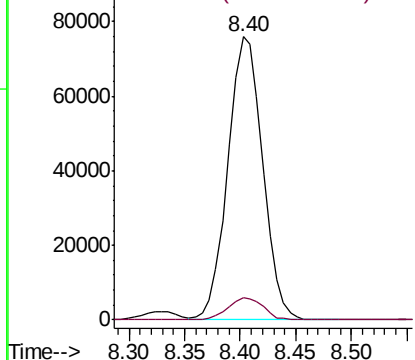


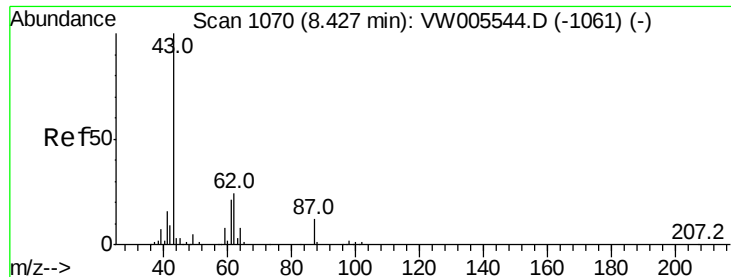
#42
1,2-Dichloroethane
Concen: 49.247 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion:	62	Resp:	164503
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 48.179 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampleId :

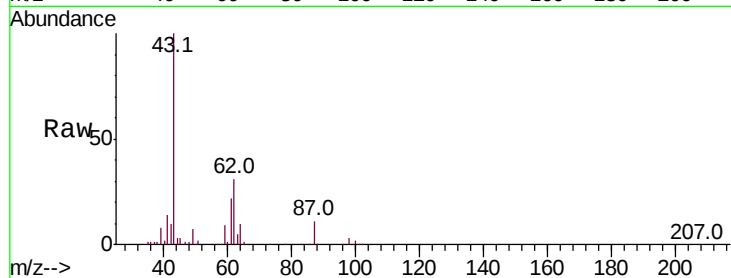
Tot Ion: 43 Resp: 146787

Ion Ratio Lower Upper

43 100

61 30.3 24.1 36.1

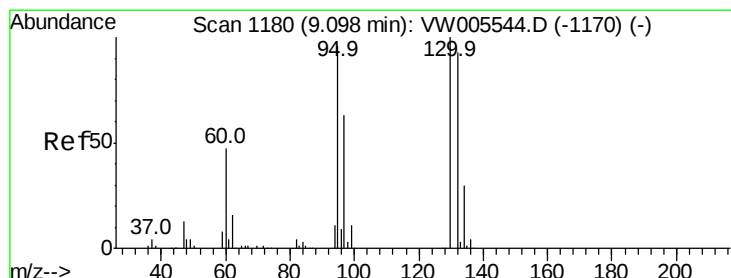
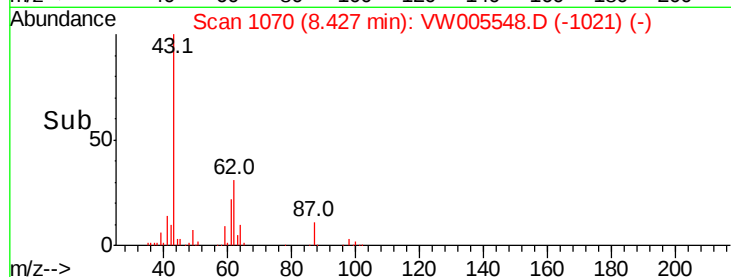
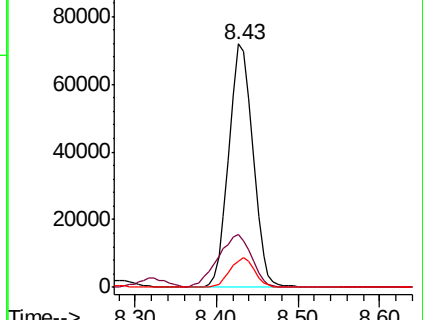
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.932 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005548.D

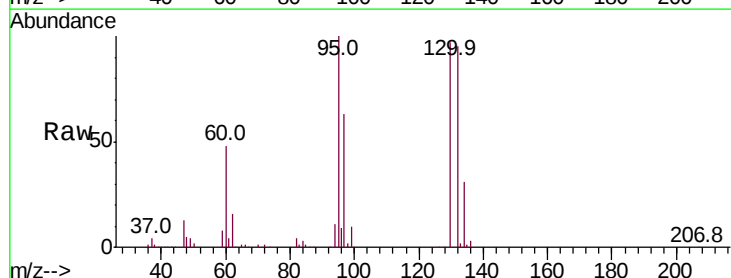
Acq: 21 Sep 2018 00:02

Tgt Ion:130 Resp: 130674

Ion Ratio Lower Upper

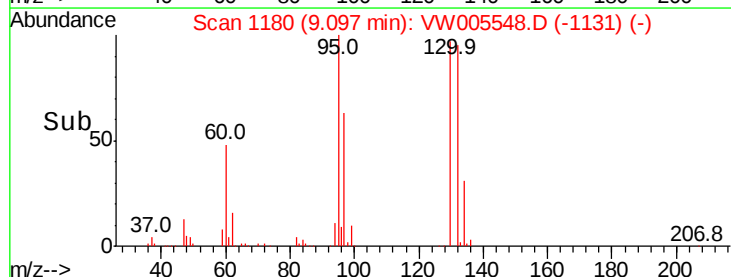
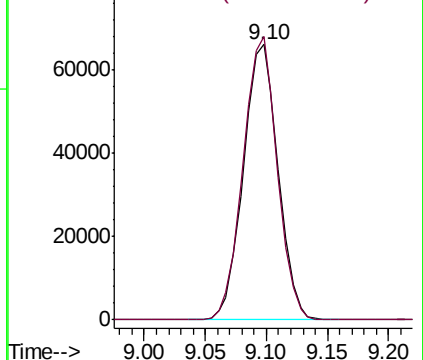
130 100

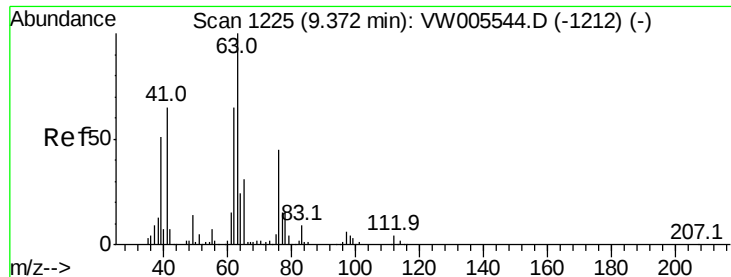
95 102.8 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.769 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

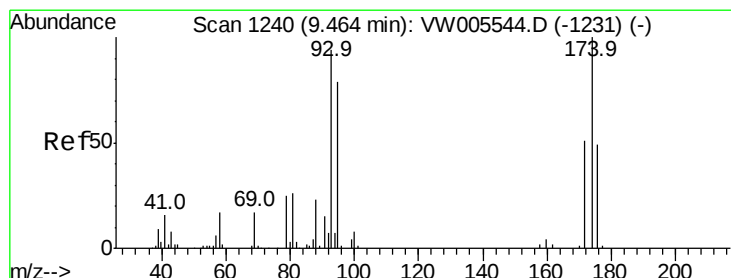
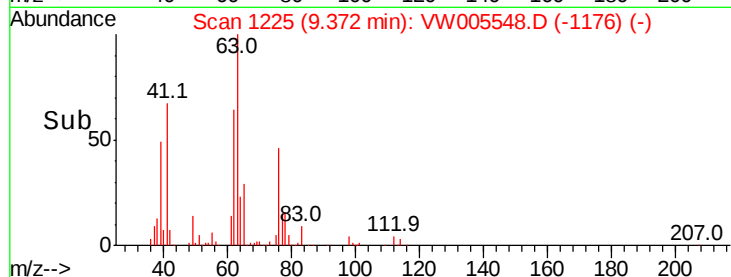
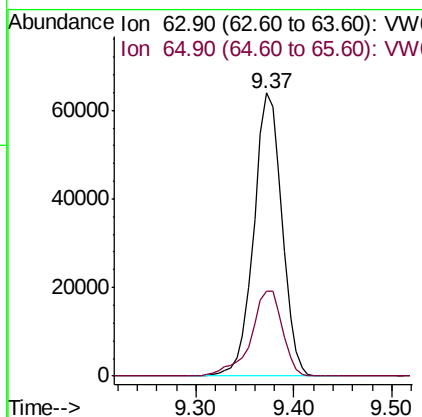
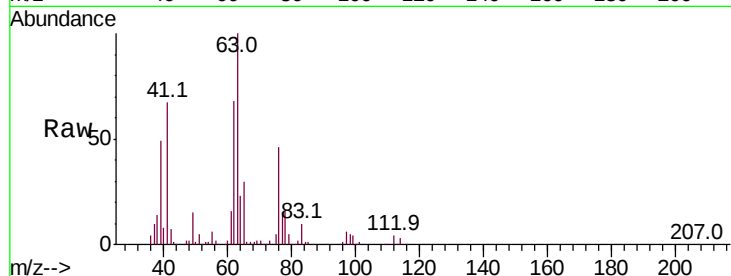
Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 127746

Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.7	37.1



#46

Dibromomethane

Concen: 48.359 ug/l

RT: 9.46 min Scan# 1240

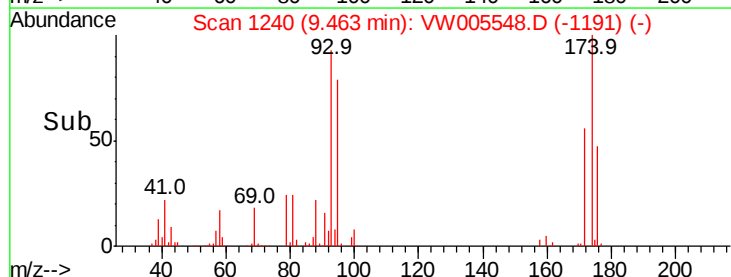
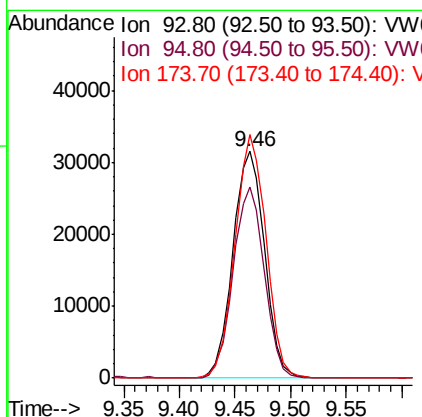
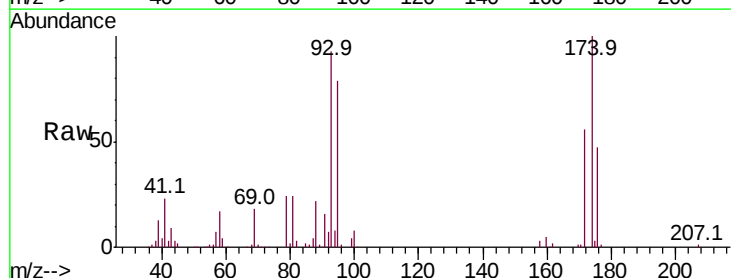
Delta R.T. -0.00 min

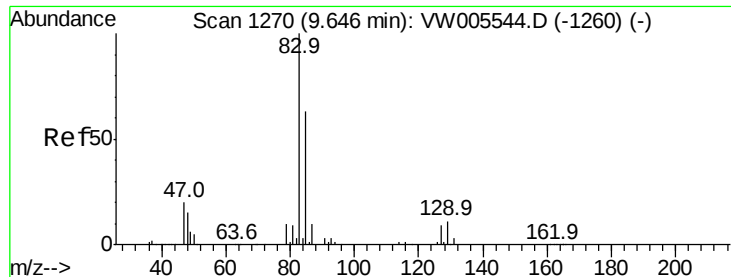
Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Tgt Ion: 93 Resp: 62020

Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.8	98.8
174	105.6	84.0	126.0





#47

Bromodichloromethane

Concen: 49.537 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :
MSVOA_W
ClientSampleId :

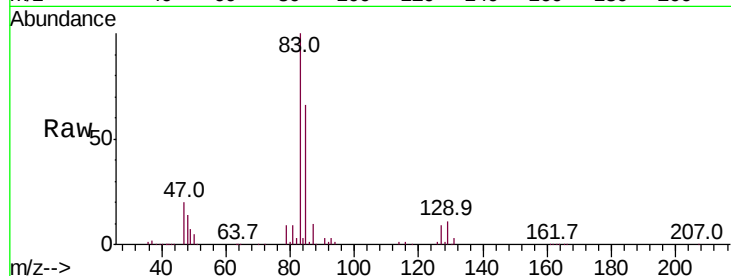
Tot Ion: 83 Resp: 170663

Ion Ratio Lower Upper

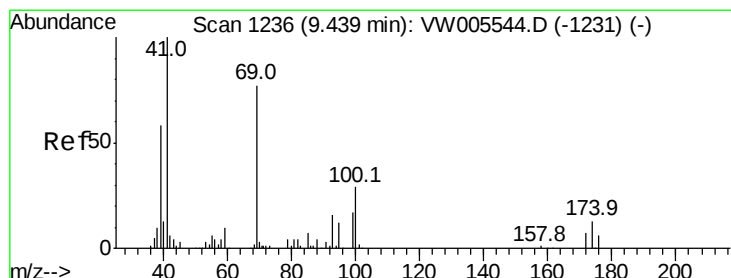
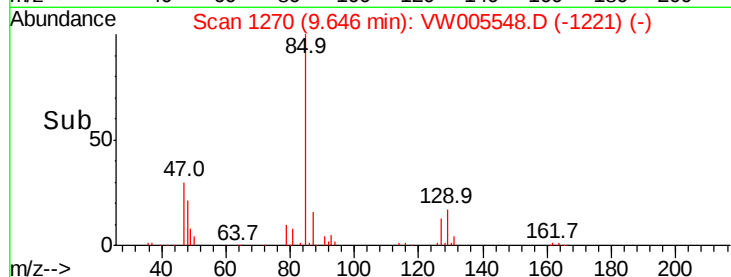
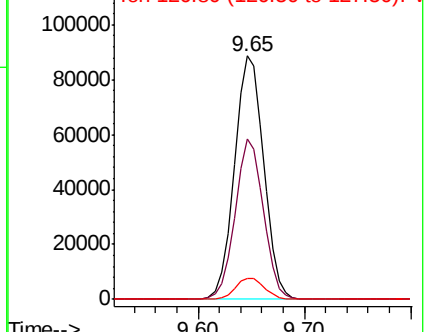
83 100

85 65.9 50.5 75.7

127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.504 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

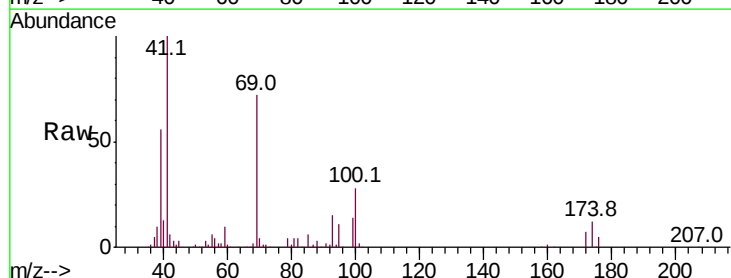
Tgt Ion: 41 Resp: 71636

Ion Ratio Lower Upper

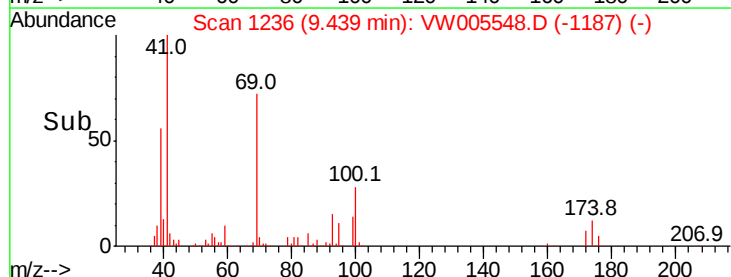
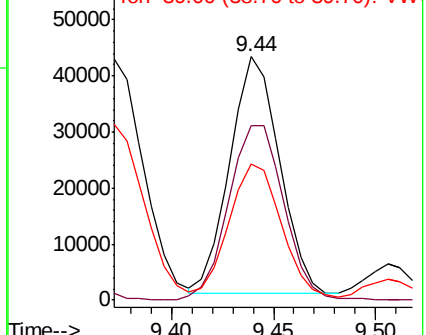
41 100

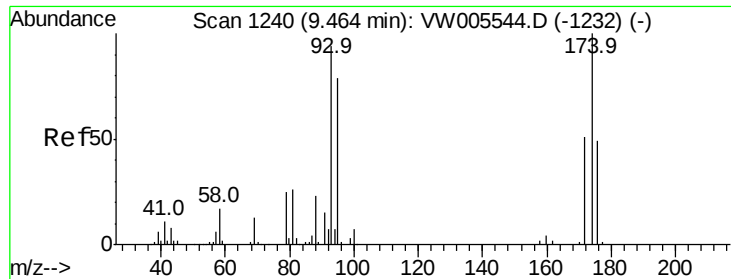
69 81.6 64.7 97.1

39 61.8 50.5 75.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

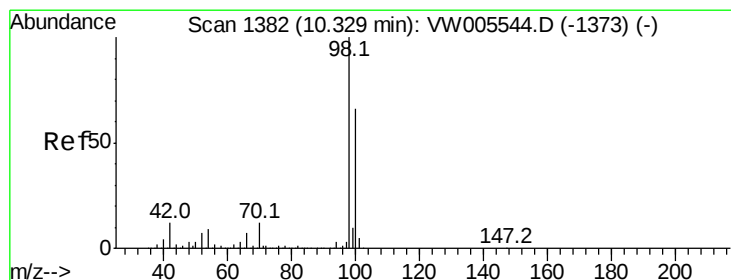
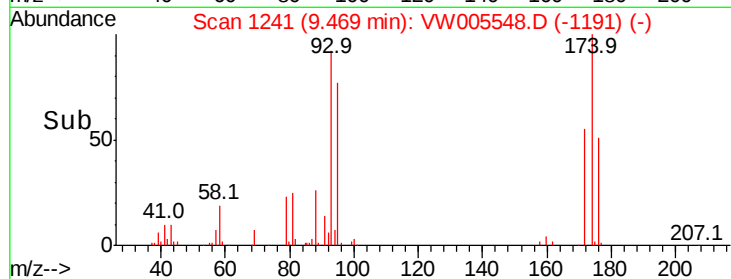
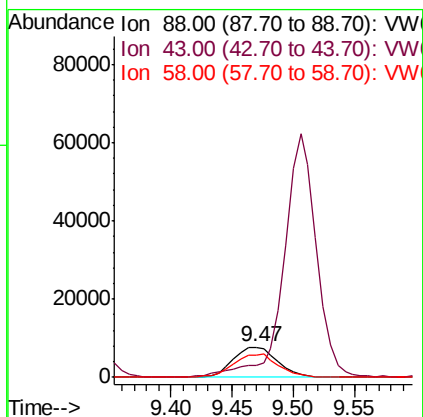
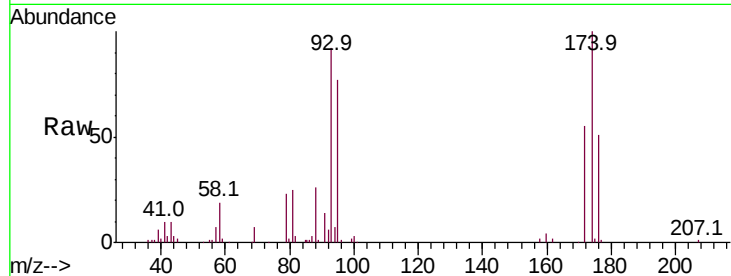




#49
1,4-Dioxane
Concen: 961.646 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

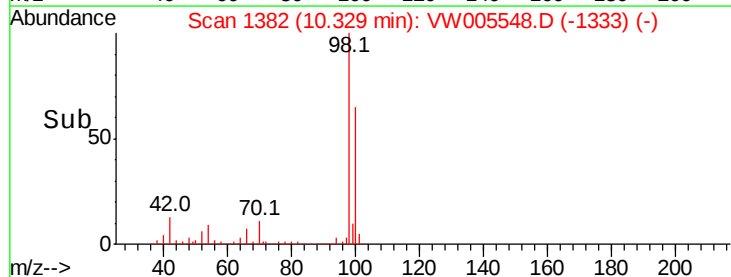
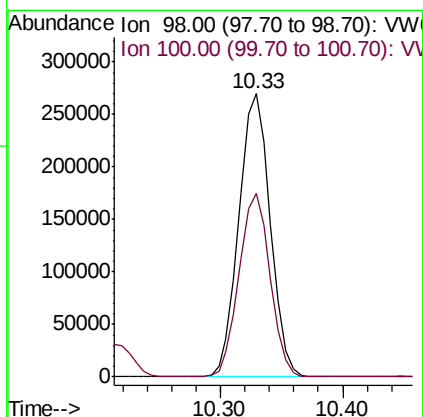
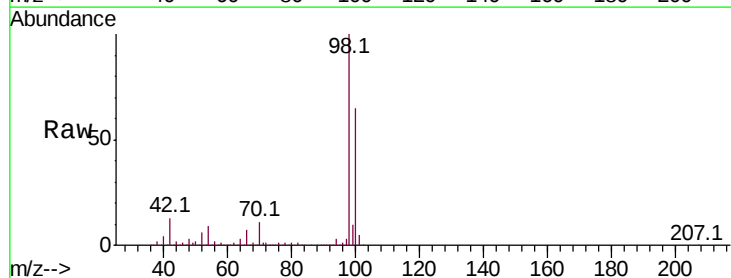
Instrument :
MSVOA_W
ClientSampled :

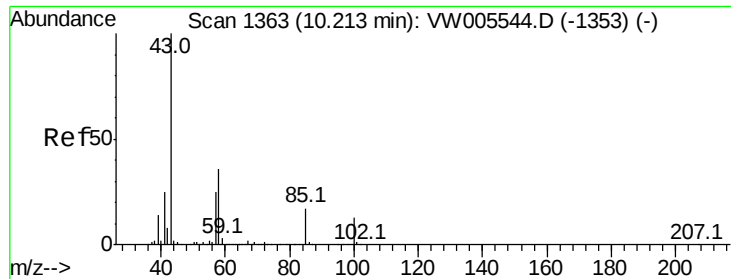
Tot Ion: 88 Resp: 19608
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.9 61.2 91.8



#50
Toluene-d8
Concen: 51.168 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 98 Resp: 479267
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

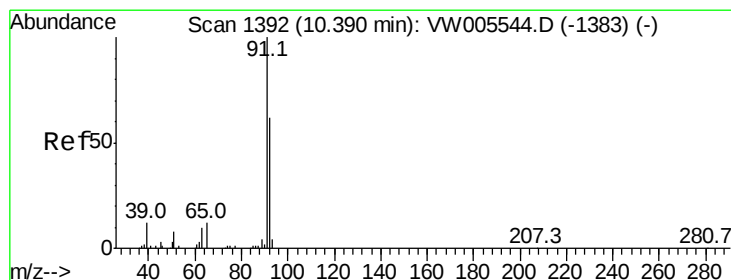
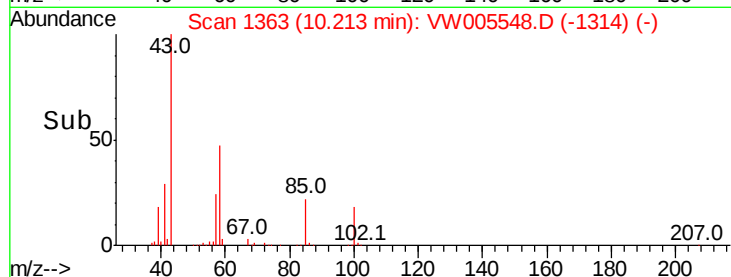
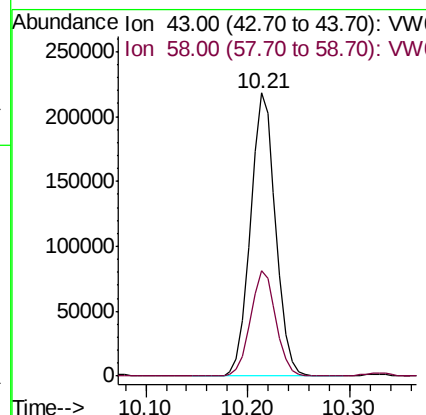
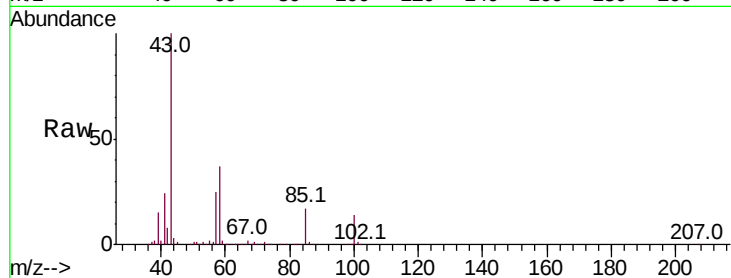




#51
4-Methyl-2-Pentanone
Concen: 243.599 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

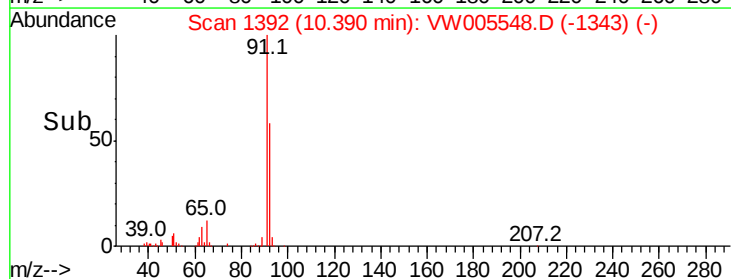
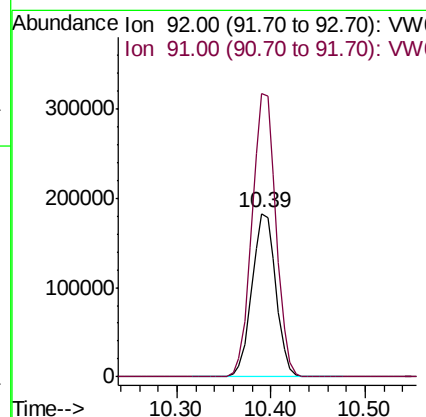
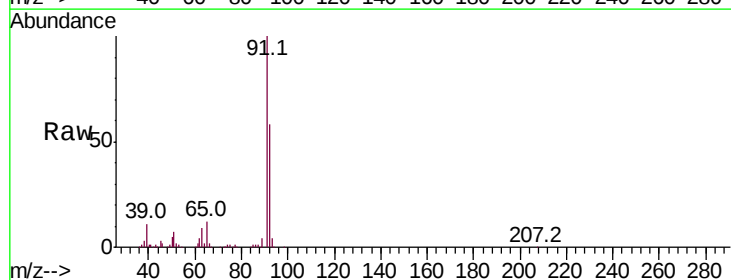
Instrument :
MSVOA_W
ClientSampled :

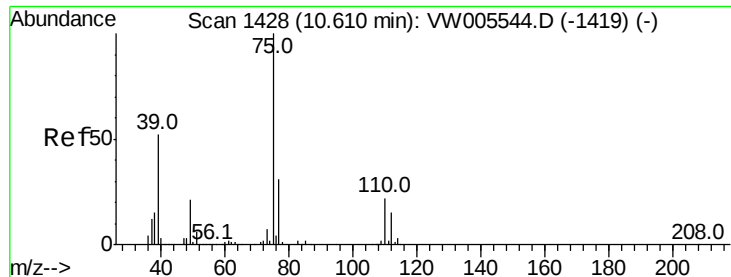
Tot Ion: 43 Resp: 373800
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0



#52
Toluene
Concen: 50.100 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion: 92 Resp: 326147
Ion Ratio Lower Upper
92 100
91 173.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 50.690 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

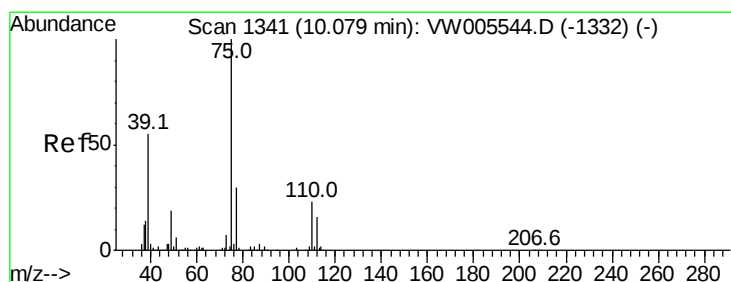
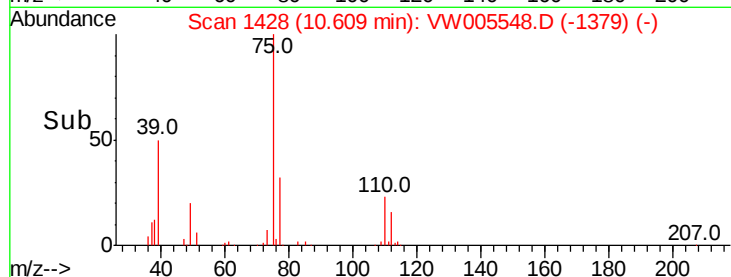
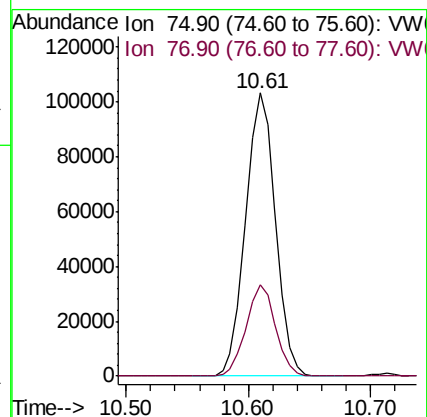
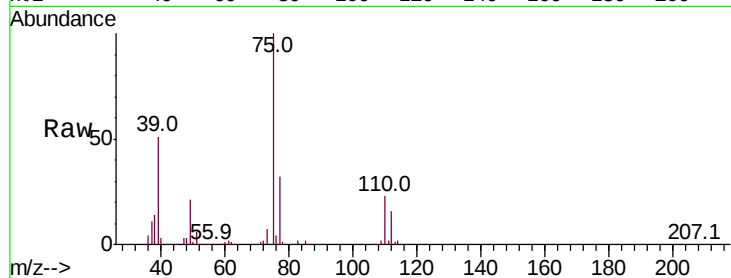
ClientSampleId :

Tot Ion: 75 Resp: 175067

Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 51.169 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

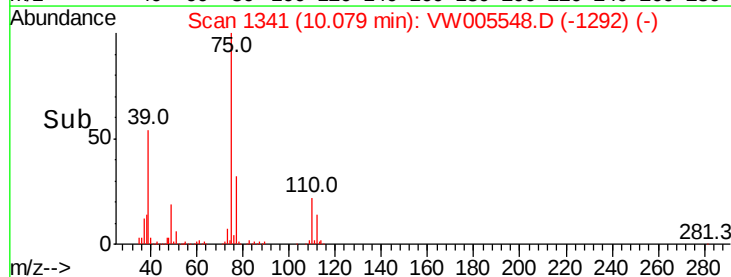
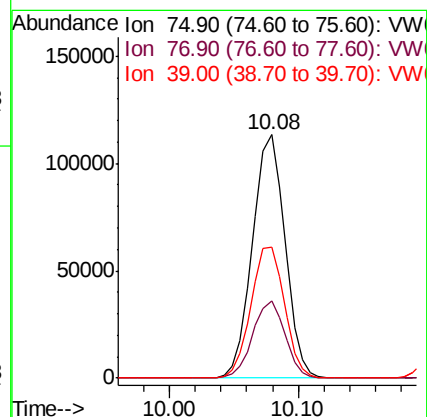
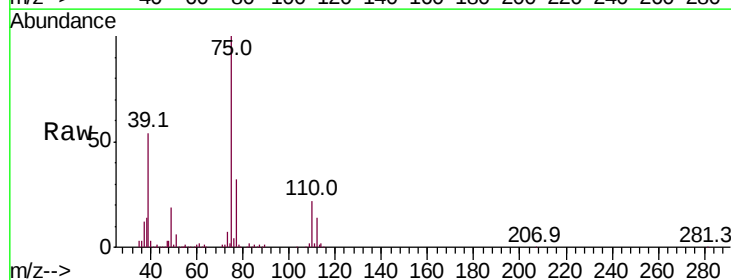
Tgt Ion: 75 Resp: 198004

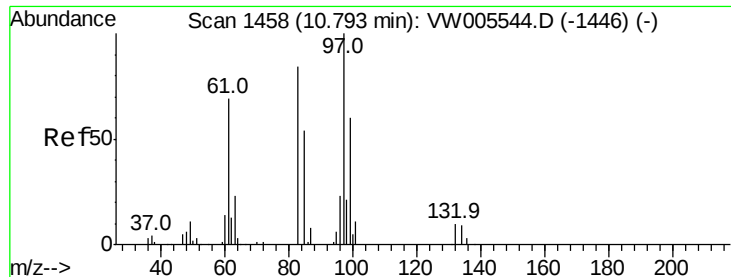
Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5

39 53.8 43.7 65.5

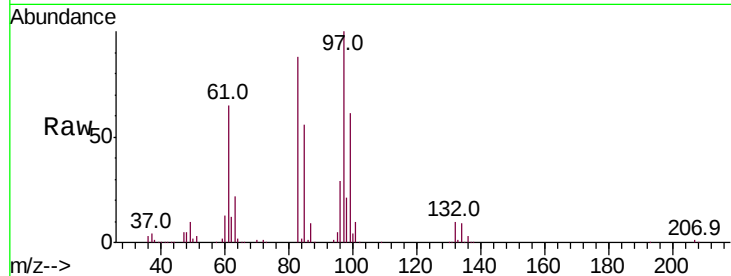




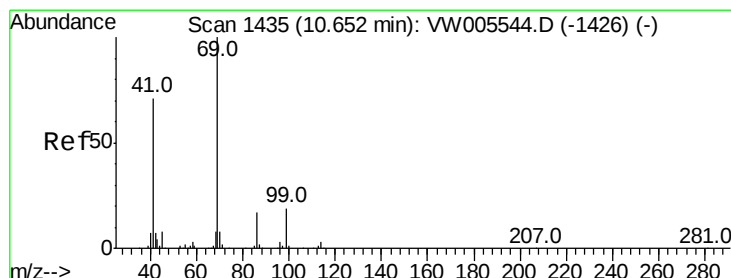
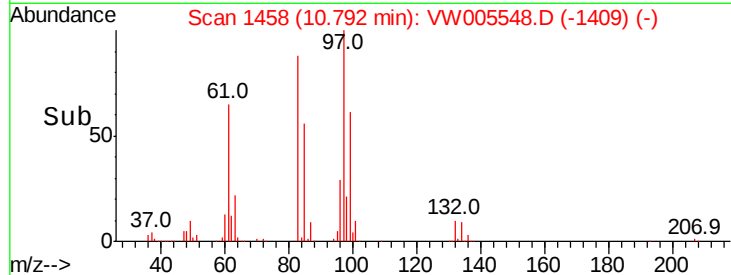
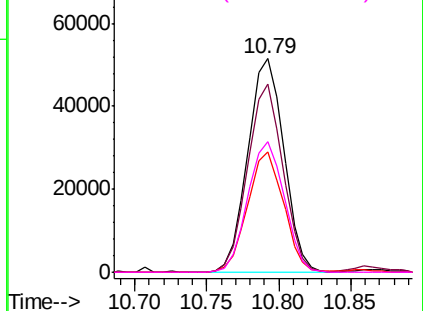
#55
 1,1,2-Trichloroethane
 Concen: 49.109 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	89401
Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.4	101.2
85	56.4	43.3	64.9
99	61.1	48.0	72.0

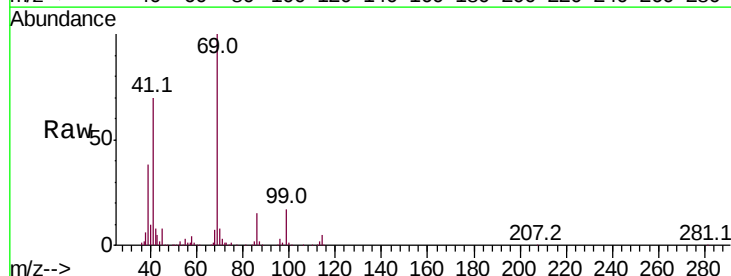


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

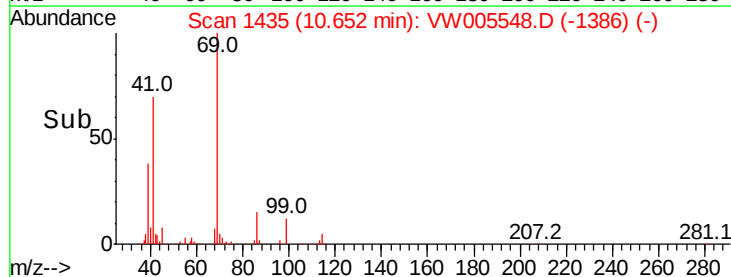
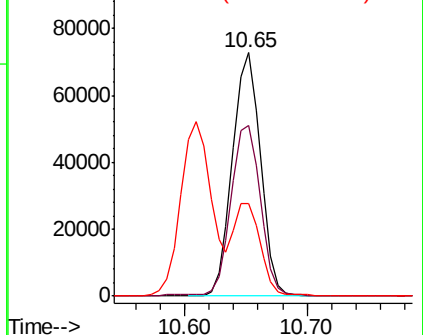


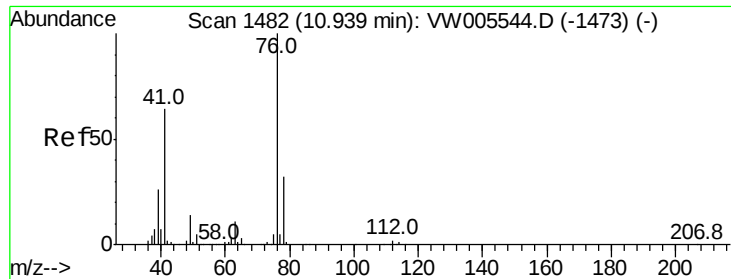
#56
 Ethyl methacrylate
 Concen: 51.467 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion:	69	Resp:	115660
Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.3	85.9
39	35.7	29.2	43.8



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

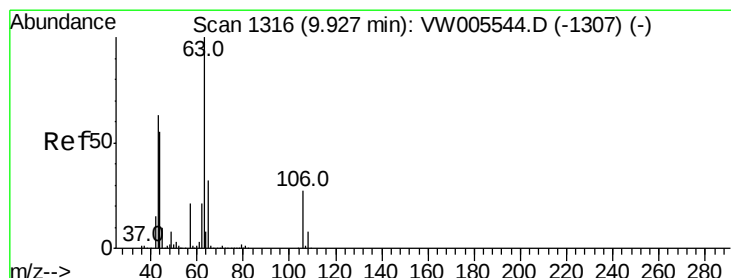
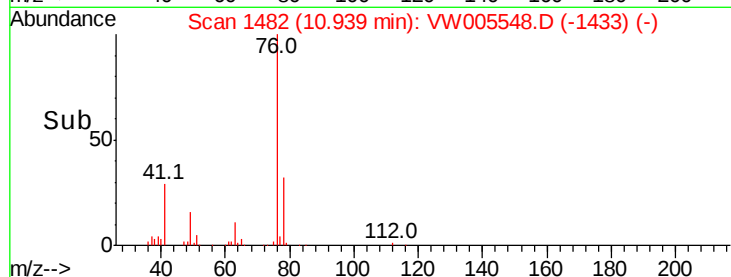
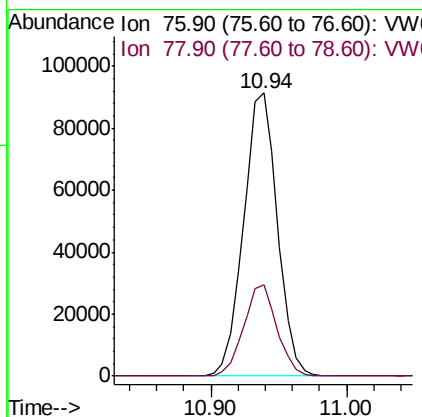
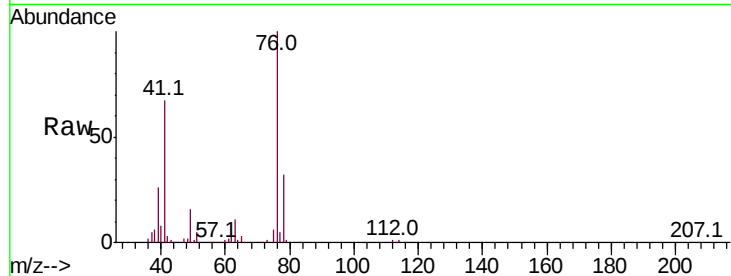




#57
 1,3-Dichloropropane
 Concen: 49.167 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

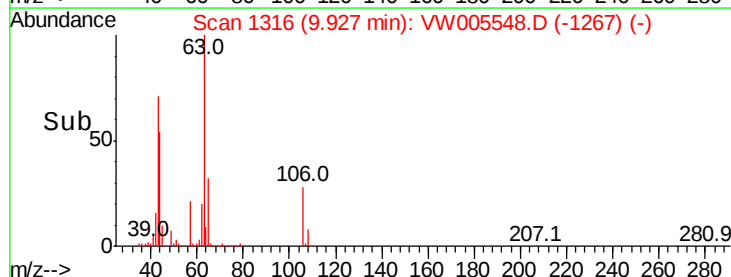
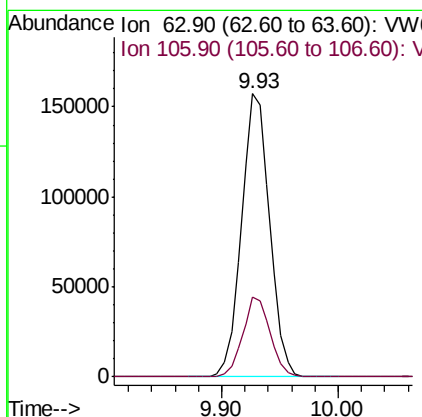
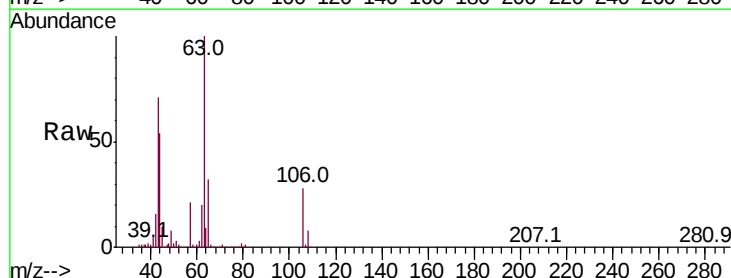
Instrument :
 MSVOA_W
 ClientSampled :

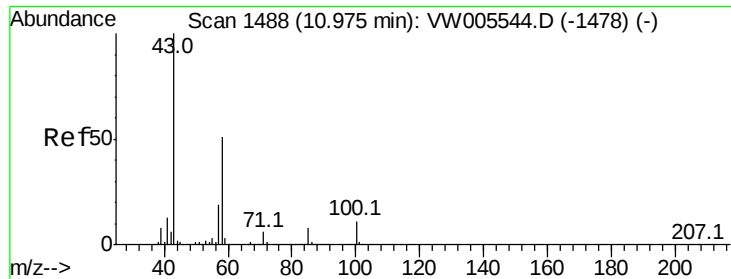
Tot Ion: 76 Resp: 158636
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.977 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion: 63 Resp: 264841
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.6 32.4





#59

2-Hexanone

Concen: 244.944 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

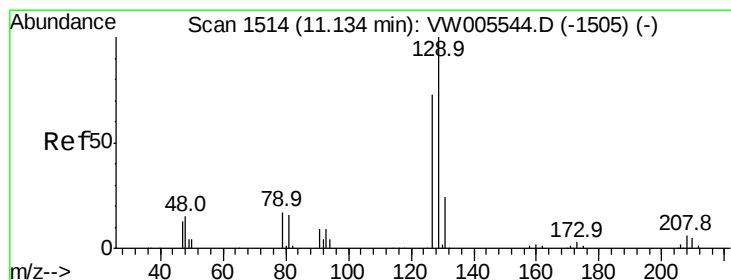
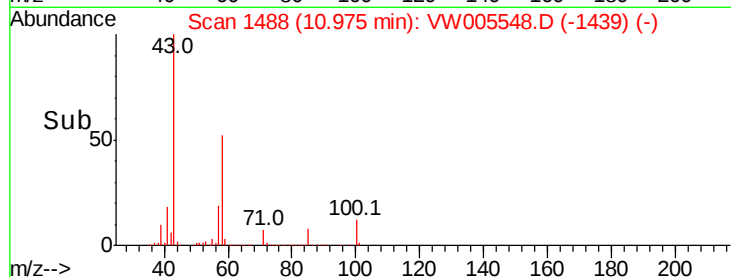
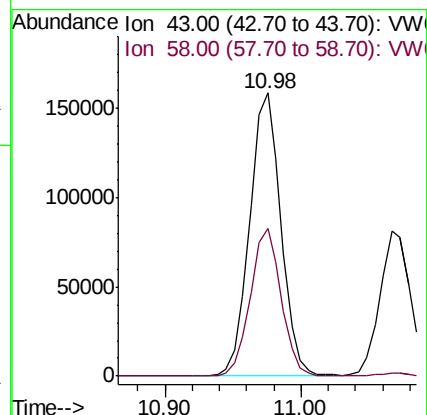
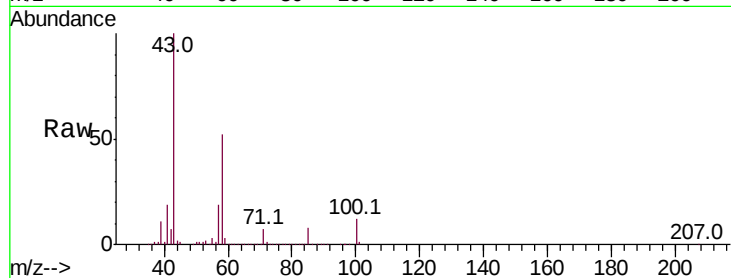
ClientSampleId :

Tot Ion: 43 Resp: 255334

Ion Ratio Lower Upper

43 100

58 51.4 25.3 75.9



#60

Dibromochloromethane

Concen: 50.479 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW005548.D

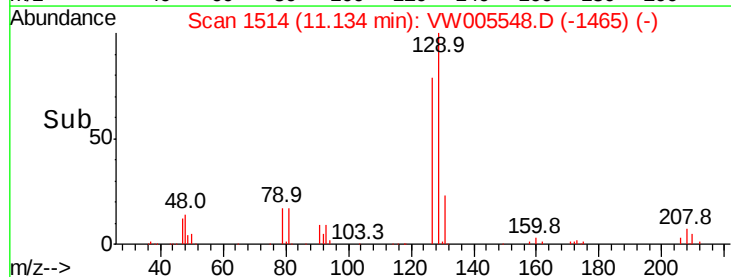
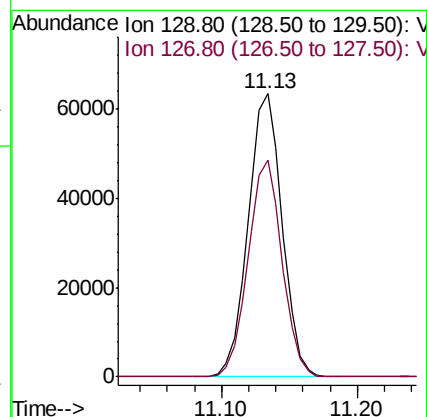
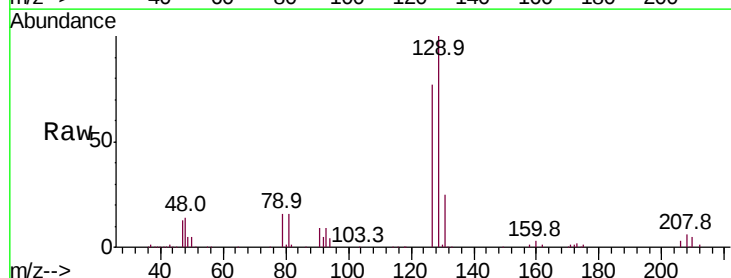
Acq: 21 Sep 2018 00:02

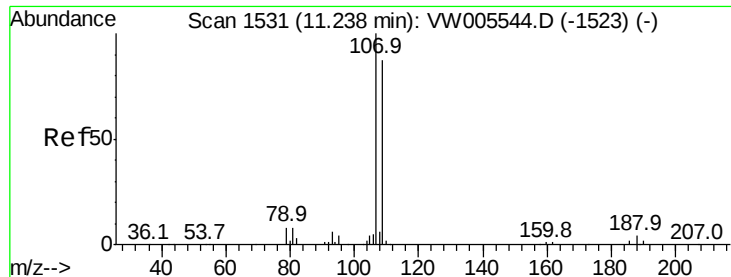
Tgt Ion: 129 Resp: 111033

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.5

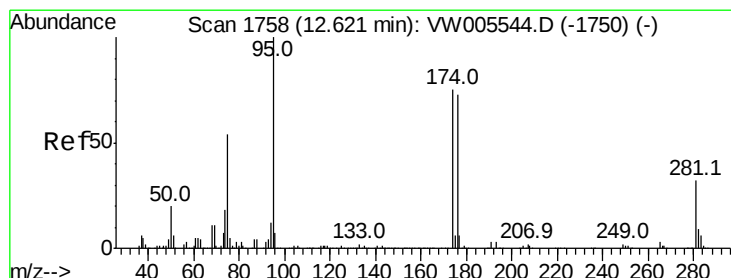
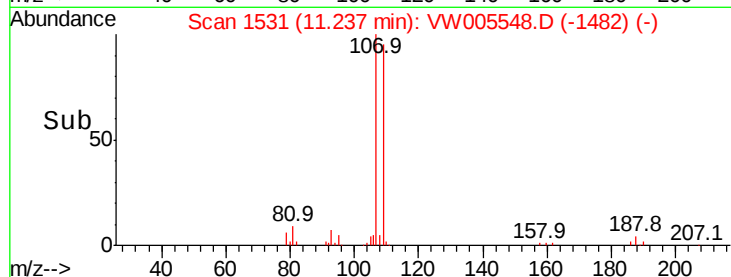
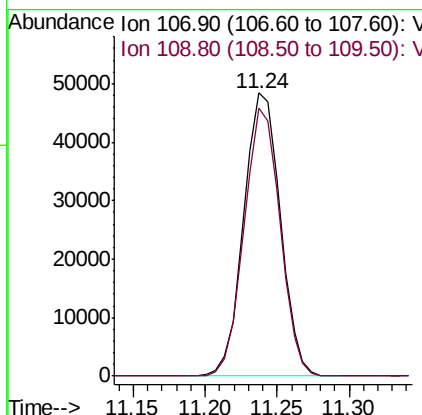
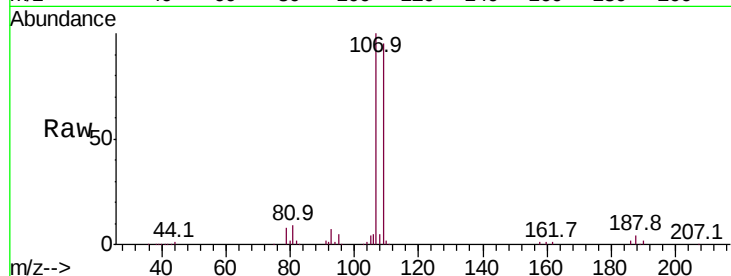




#61
 1,2-Dibromoethane
 Concen: 50.152 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

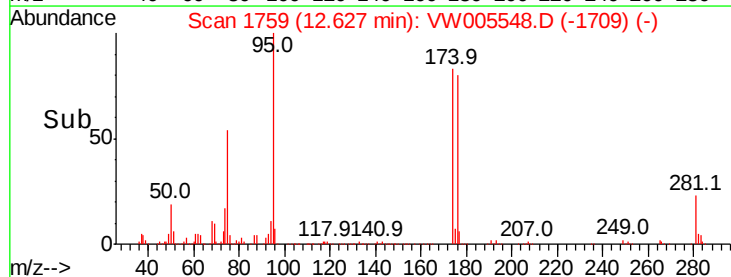
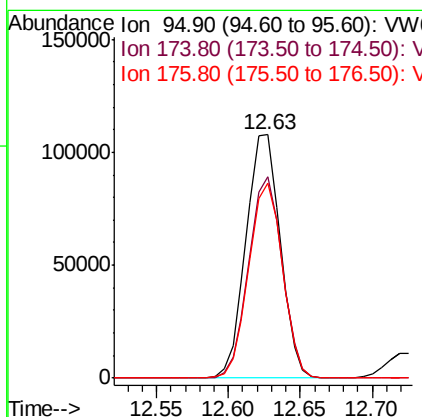
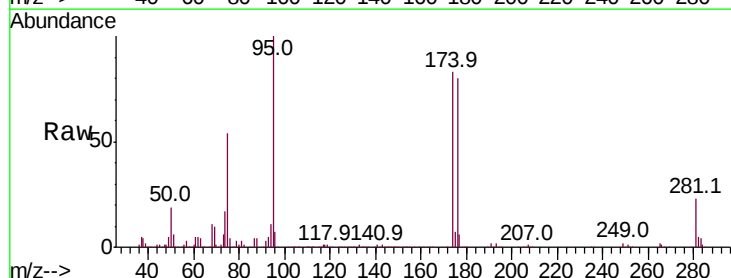
Instrument :
 MSVOA_W
 ClientSampled :

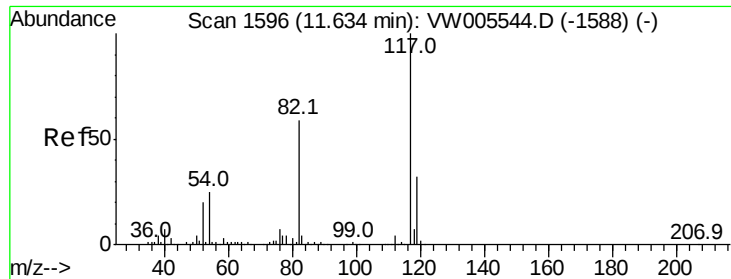
Tot Ion:107 Resp: 85125
 Ion Ratio Lower Upper
 107 100
 109 93.2 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 51.380 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion: 95 Resp: 178072
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 163.8
 176 78.6 0.0 158.0

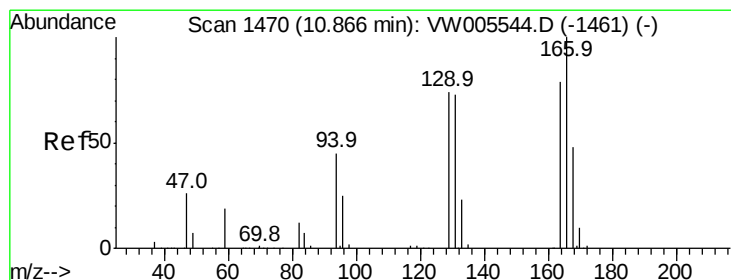
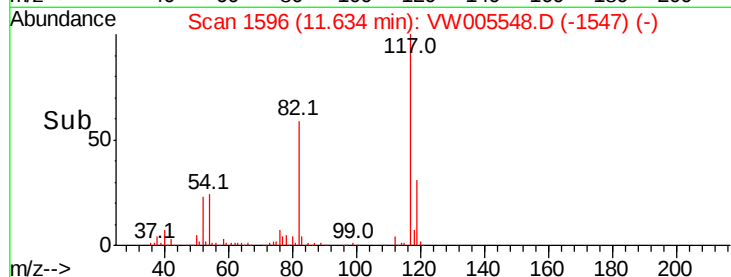
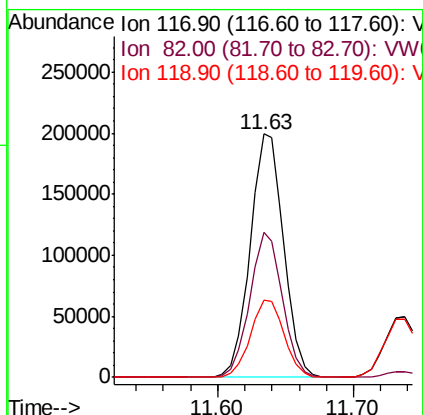
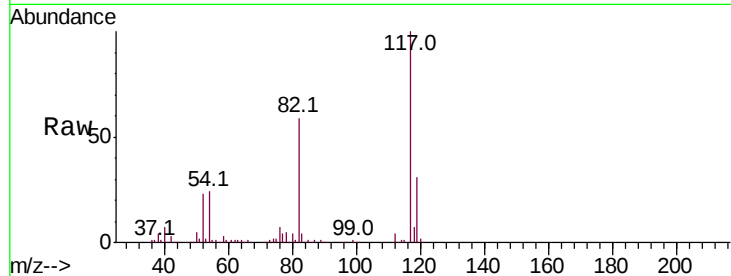




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

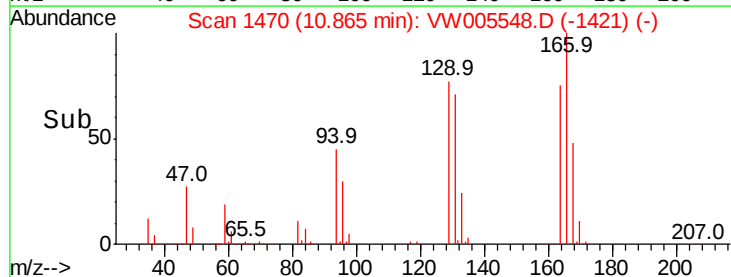
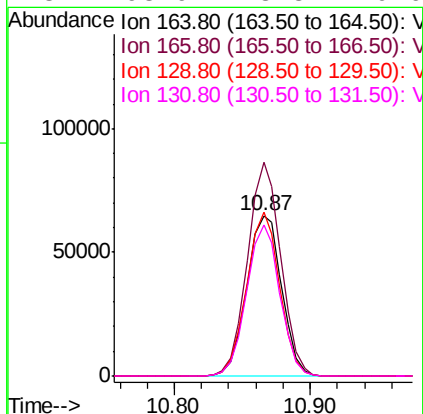
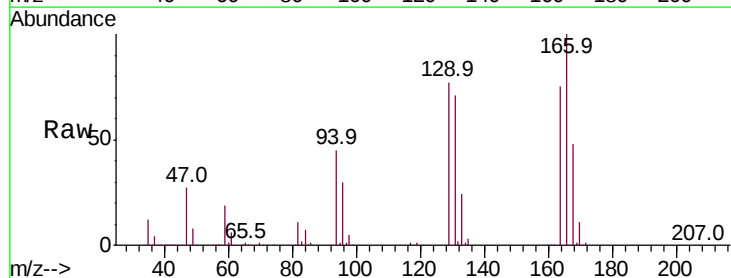
Instrument :
MSVOA_W
ClientSampleId :

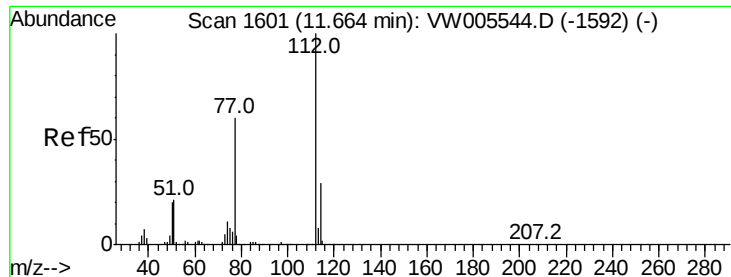
Tot Ion:117 Resp: 342209
Ion Ratio Lower Upper
117 100
82 59.4 46.9 70.3
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 47.929 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion:164 Resp: 116410
Ion Ratio Lower Upper
164 100
166 133.0 101.1 151.7
129 102.1 74.4 111.6
131 93.9 73.8 110.6

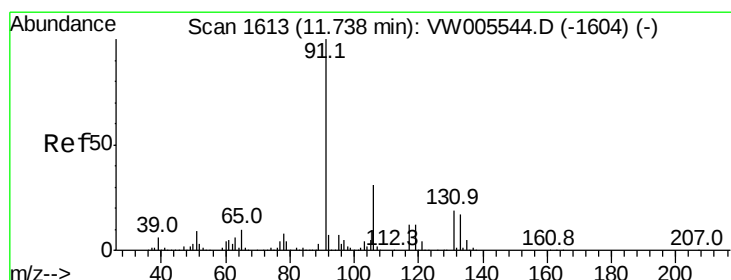
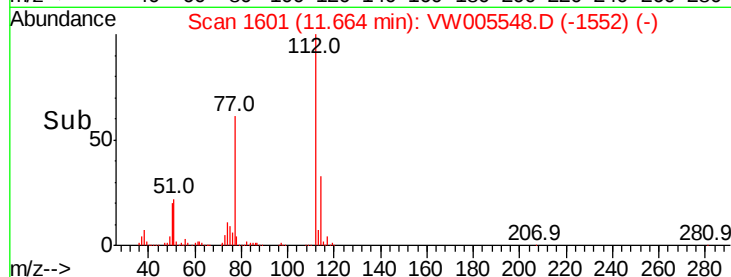
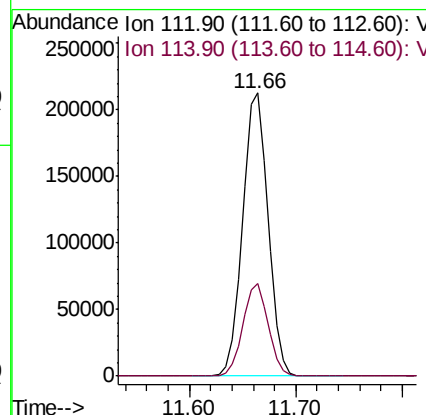
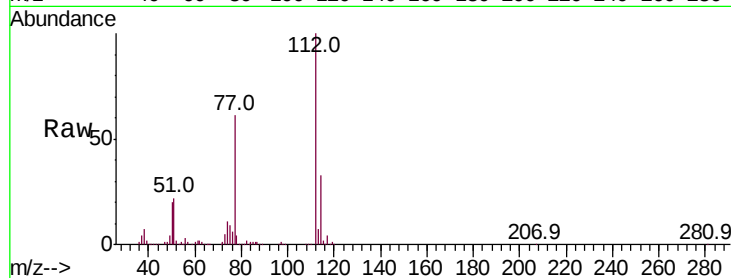




#65
Chlorobenzene
Concen: 49.317 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

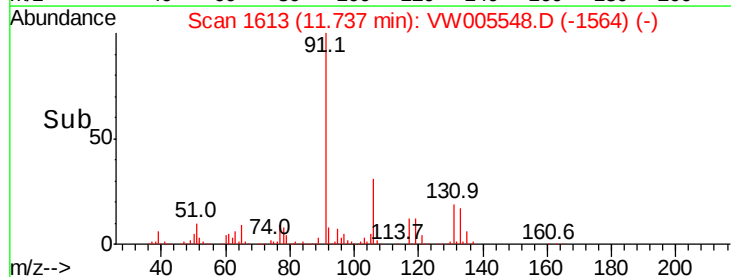
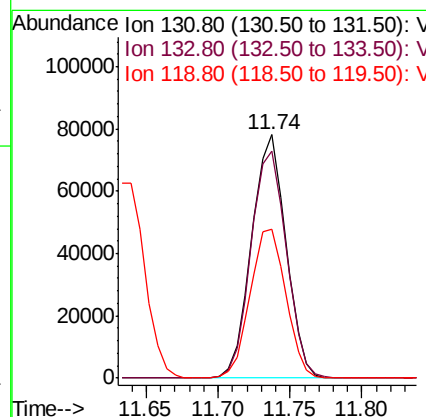
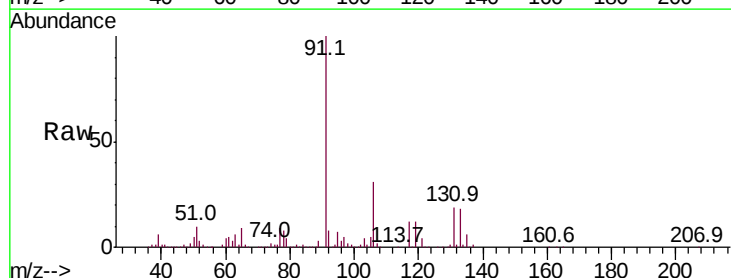
Instrument :
MSVOA_W
ClientSampleId :

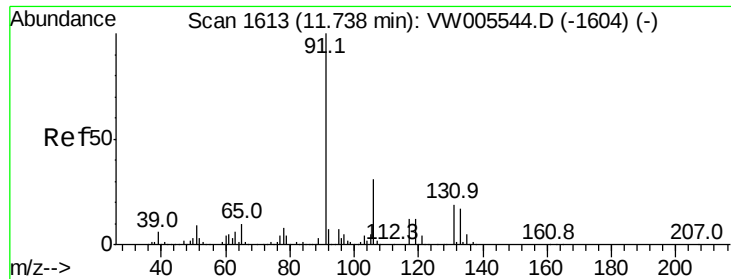
Tot Ion:112 Resp: 358270
Ion Ratio Lower Upper
112 100
114 32.6 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.330 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion:131 Resp: 128979
Ion Ratio Lower Upper
131 100
133 96.2 47.2 141.6
119 63.8 31.1 93.2





#67

Ethyl Benzene

Concen: 50.521 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

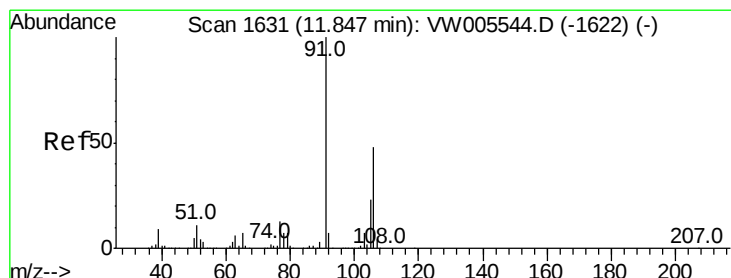
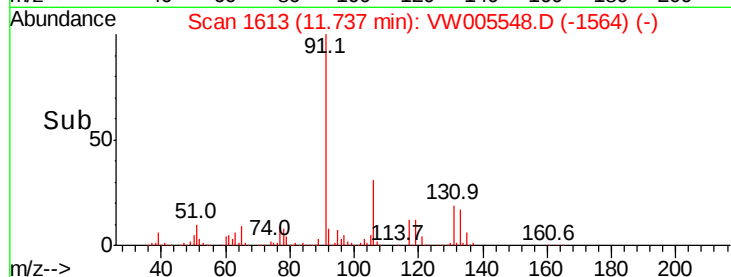
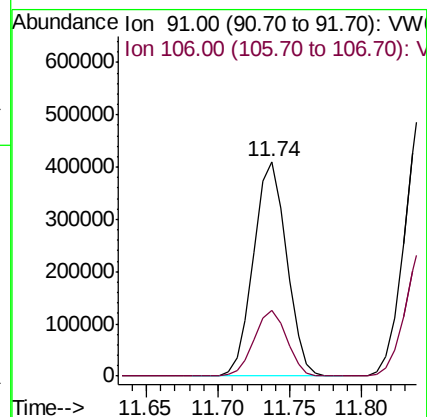
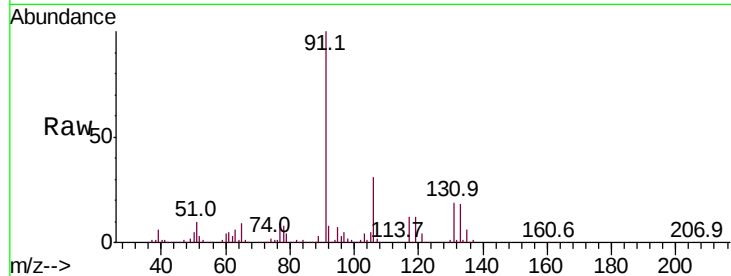
ClientSampleId :

Tot Ion: 91 Resp: 651464

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#68

m/p-Xylenes

Concen: 102.089 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005548.D

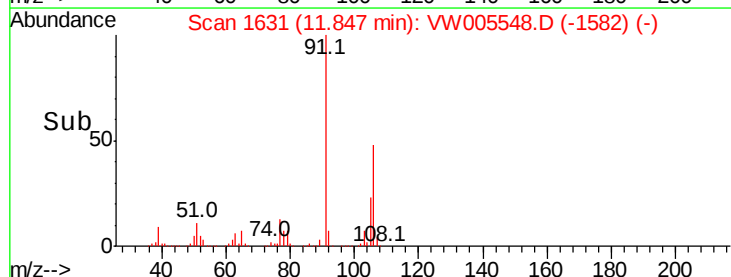
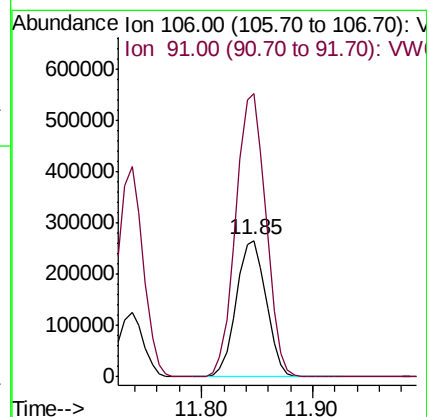
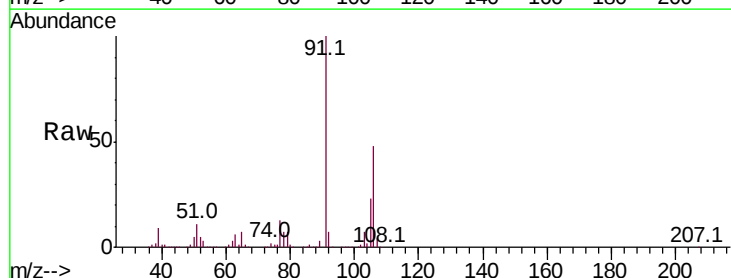
Acq: 21 Sep 2018 00:02

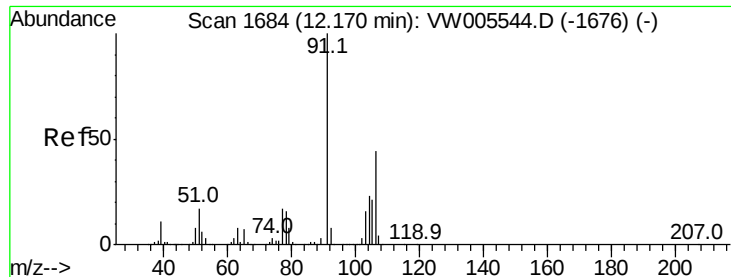
Tgt Ion:106 Resp: 497350

Ion Ratio Lower Upper

106 100

91 208.6 167.8 251.8

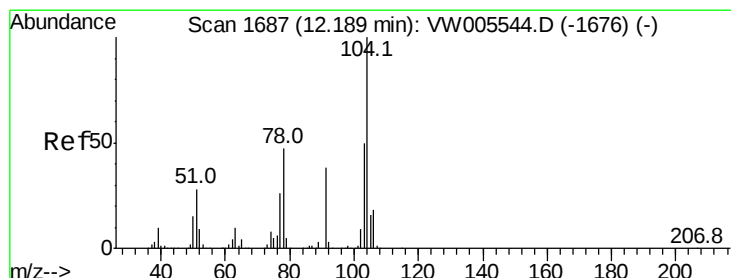
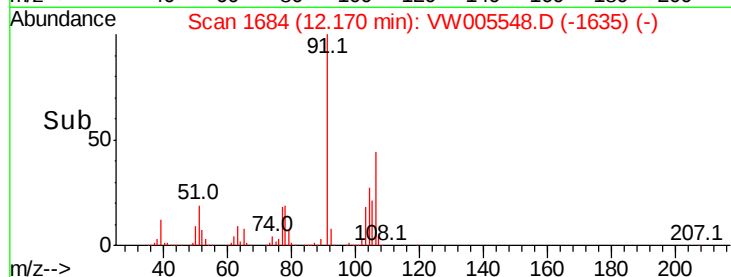
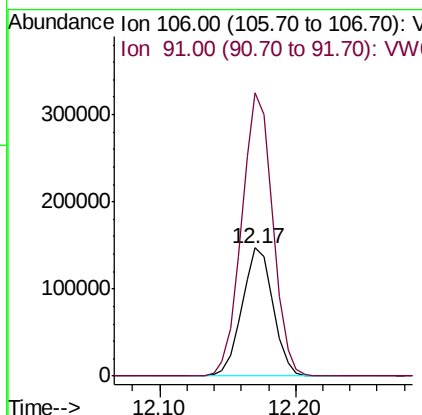
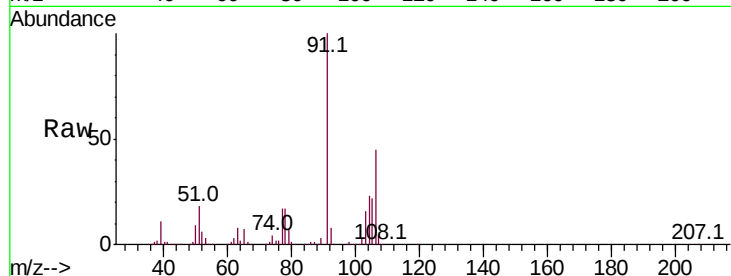




#69
o-Xylene
Concen: 51.311 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

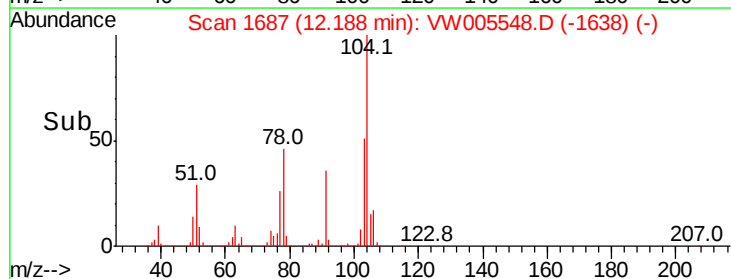
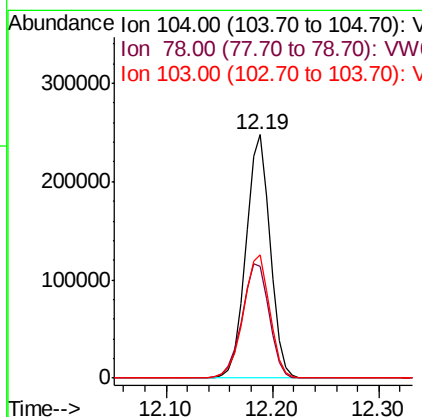
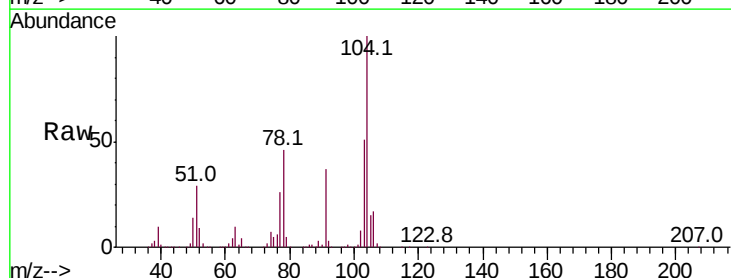
Instrument :
MSVOA_W
ClientSampled :

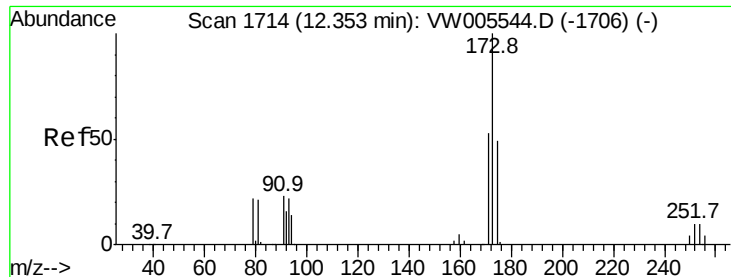
Tot Ion:106 Resp: 234110
Ion Ratio Lower Upper
106 100
91 221.5 111.0 333.0



#70
Styrene
Concen: 51.399 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion:104 Resp: 394658
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.4
103 55.3 44.6 66.8





#71

Bromoform

Concen: 48.425 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampled :

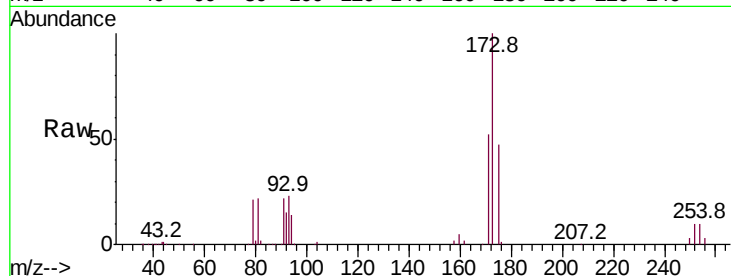
Tot Ion:173 Resp: 67207

Ion Ratio Lower Upper

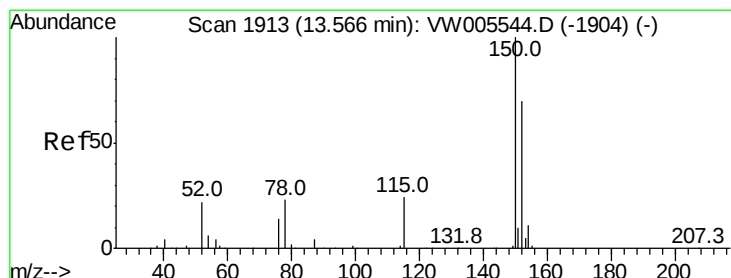
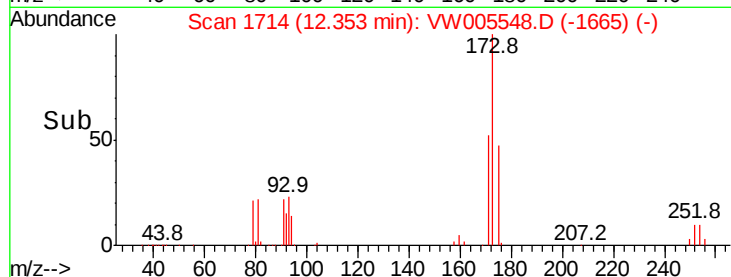
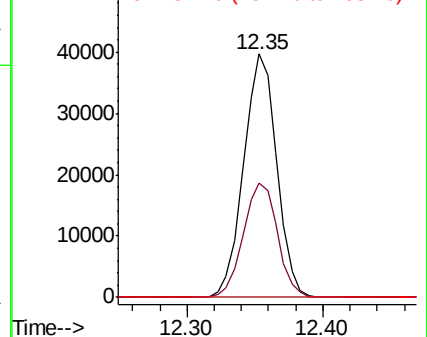
173 100

175 48.5 24.3 72.9

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: VW005548.D

Acq: 21 Sep 2018 00:02

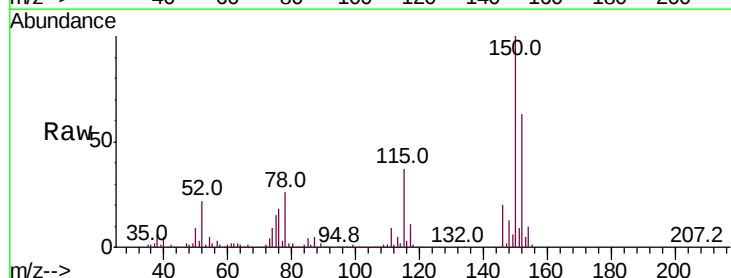
Tgt Ion:152 Resp: 183785

Ion Ratio Lower Upper

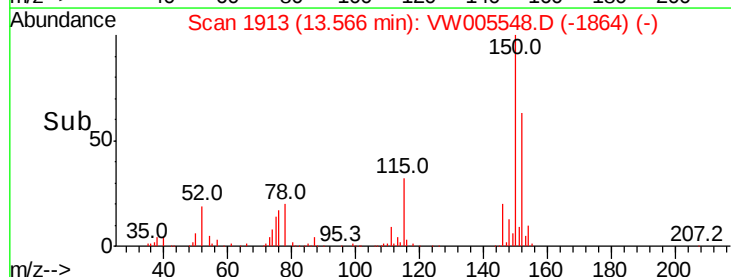
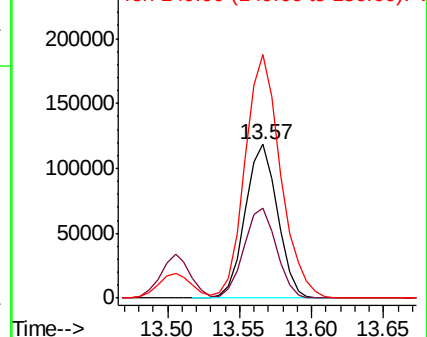
152 100

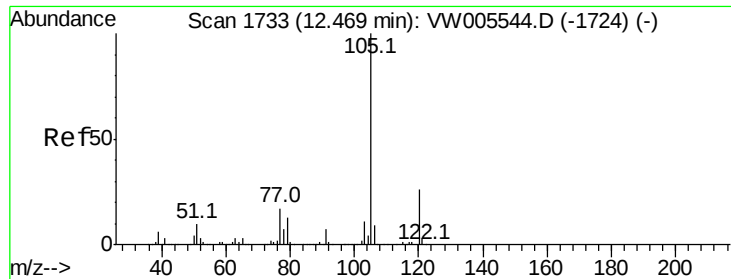
115 59.0 30.0 90.0

150 173.7 0.0 348.6



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: 52.028 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

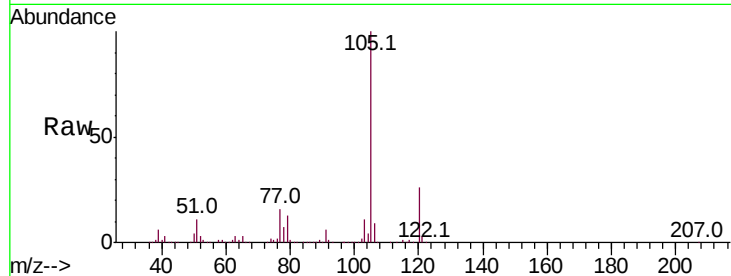
ClientSampleId :

Tot Ion:105 Resp: 663094

Ion Ratio Lower Upper

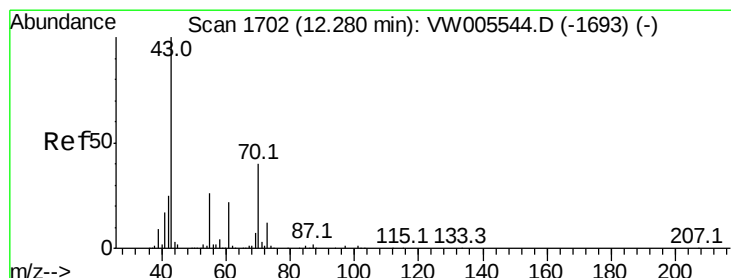
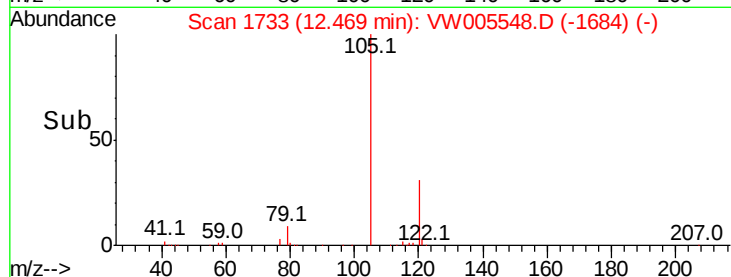
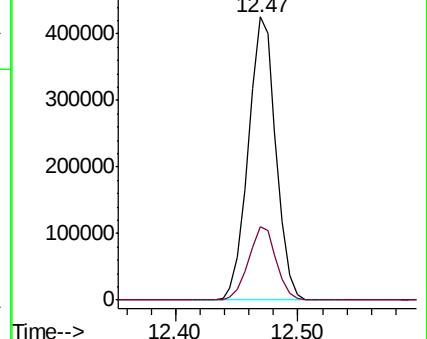
105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.993 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Tgt Ion: 43 Resp: 144277

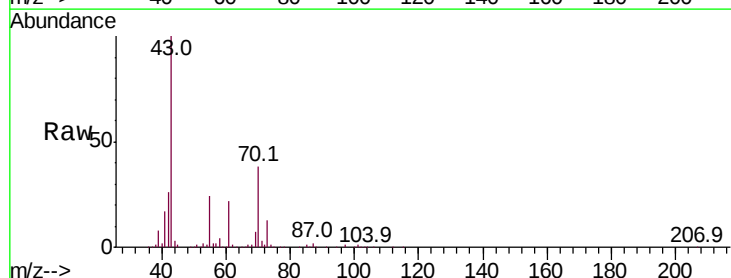
Ion Ratio Lower Upper

43 100

70 39.4 31.4 47.0

55 25.1 20.9 31.3

61 22.4 17.8 26.6

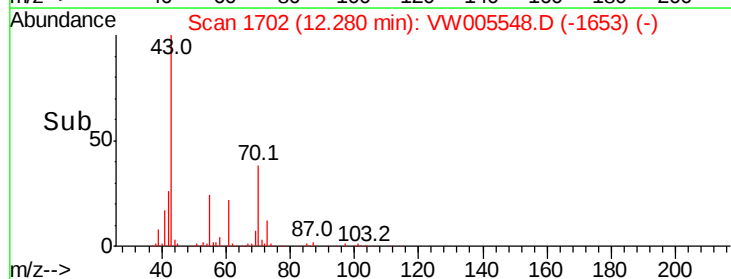
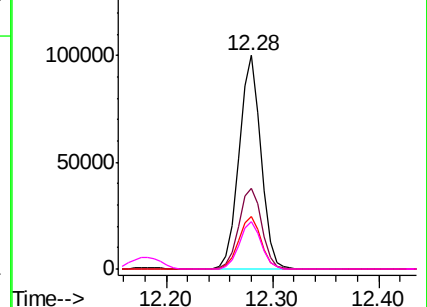


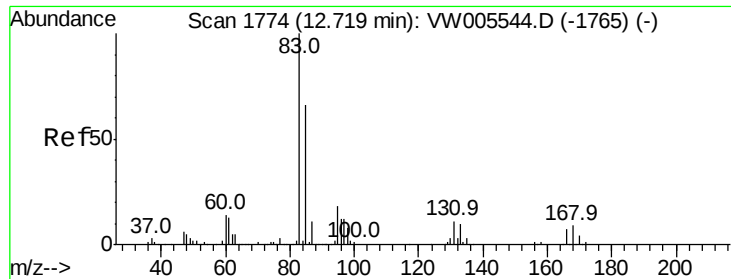
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.175 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampleId :

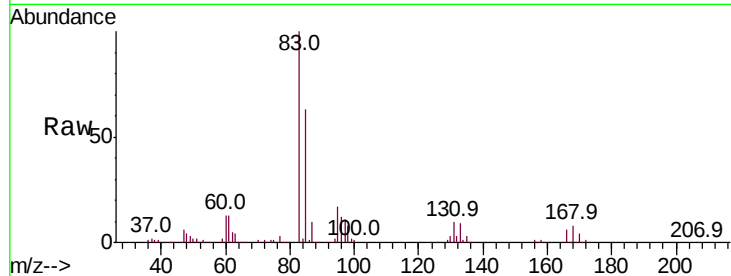
Tot Ion: 83 Resp: 101985

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

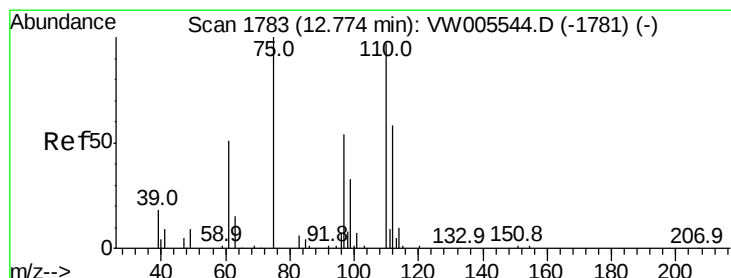
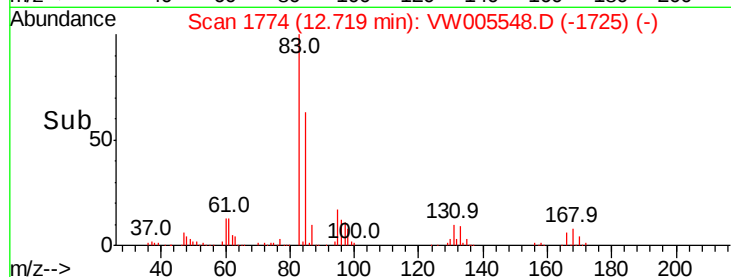
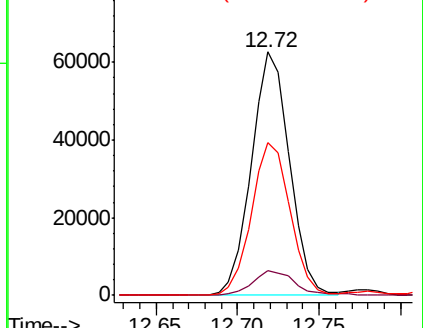
85 63.9 32.4 97.0



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: 93.612 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005548.D

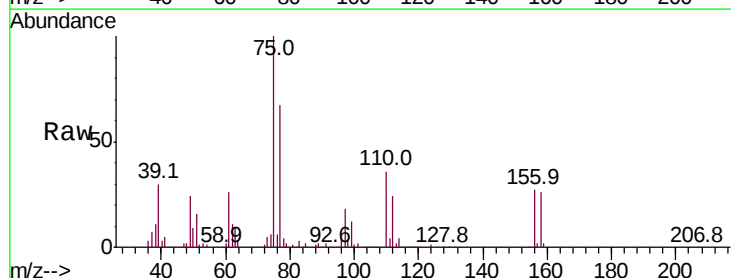
Acq: 21 Sep 2018 00:02

Tgt Ion: 75 Resp: 146657

Ion Ratio Lower Upper

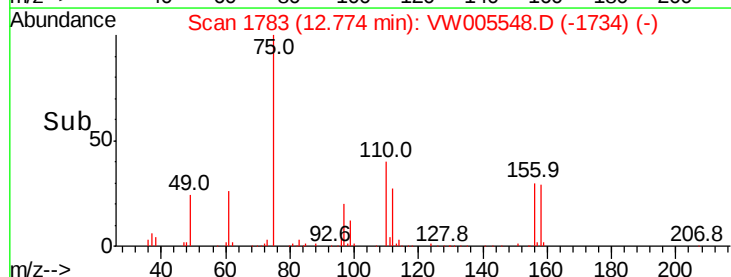
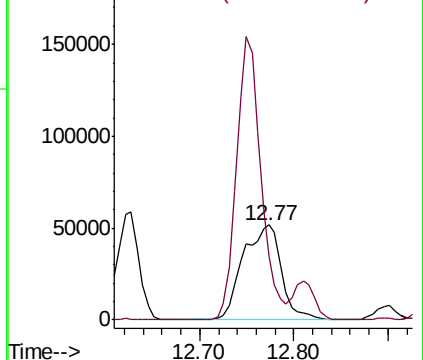
75 100

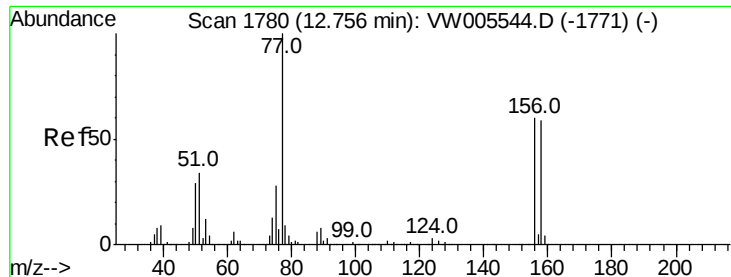
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.368 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampled :

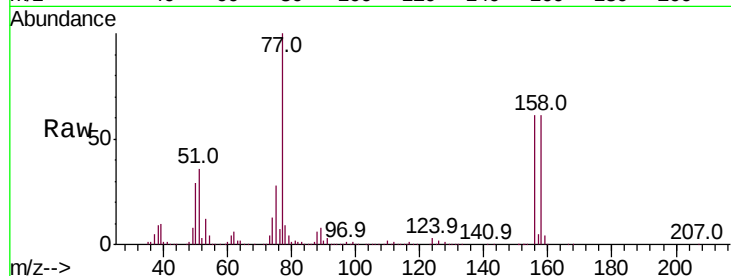
Tot Ion:156 Resp: 150457

Ion Ratio Lower Upper

156 100

77 186.4 94.7 284.1

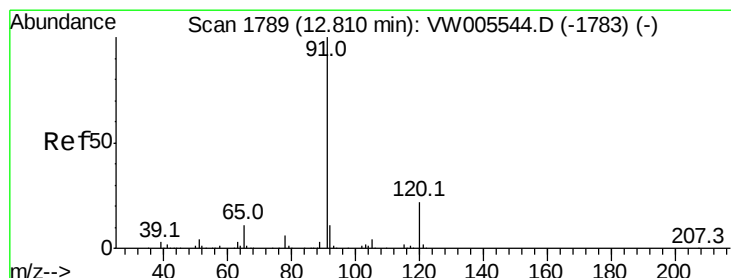
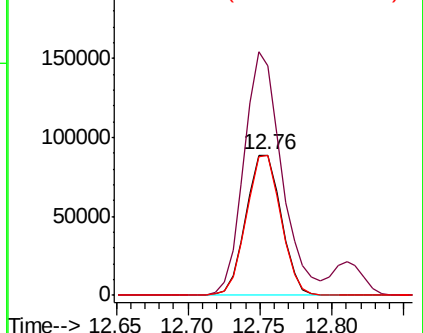
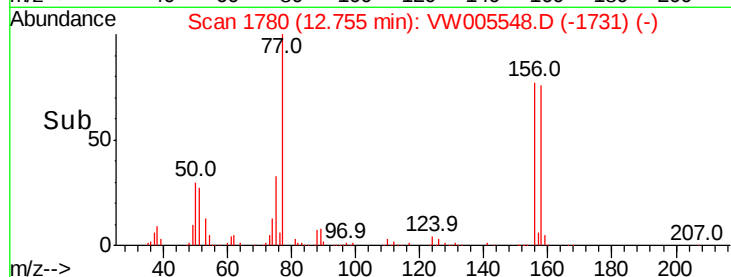
158 97.6 48.0 144.2



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: 51.690 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005548.D

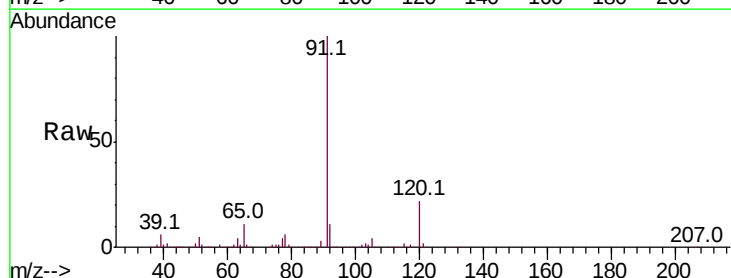
Acq: 21 Sep 2018 00:02

Tgt Ion: 91 Resp: 797583

Ion Ratio Lower Upper

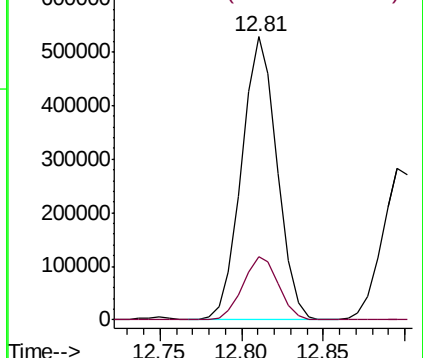
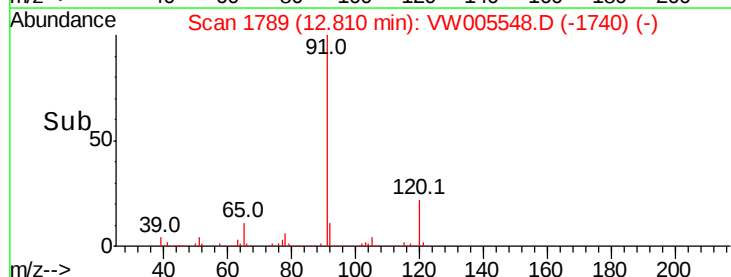
91 100

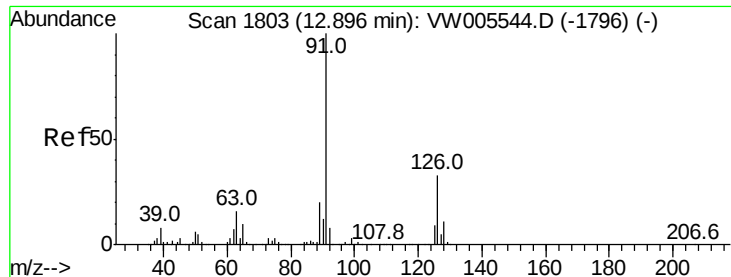
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

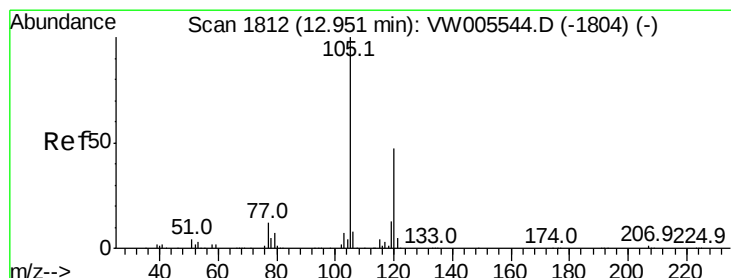
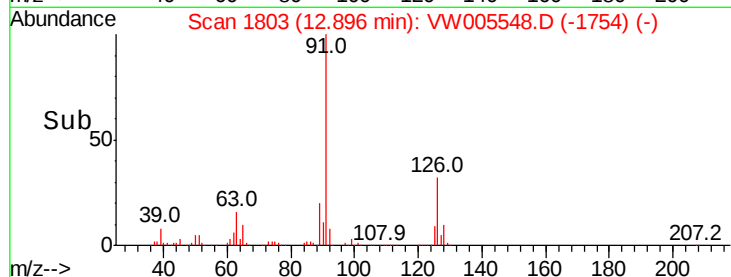
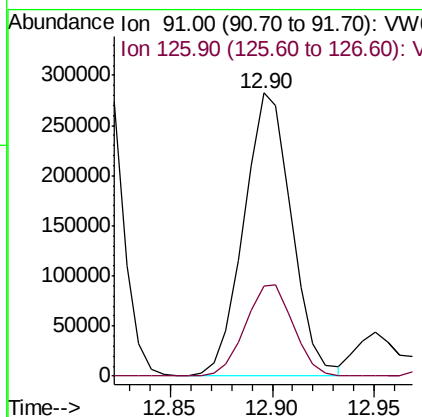
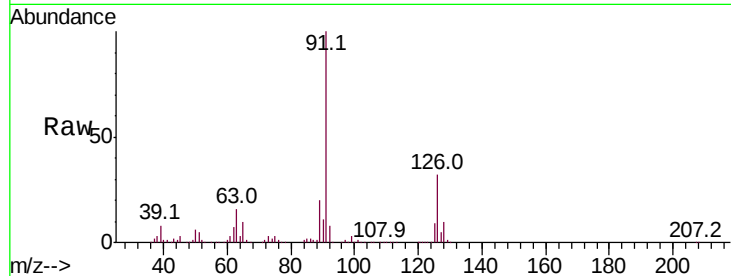




#79
 2-Chlorotoluene
 Concen: 51.508 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

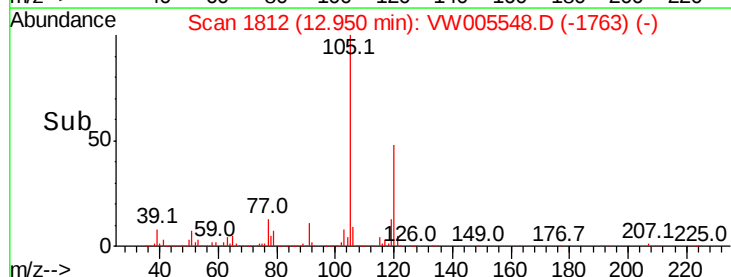
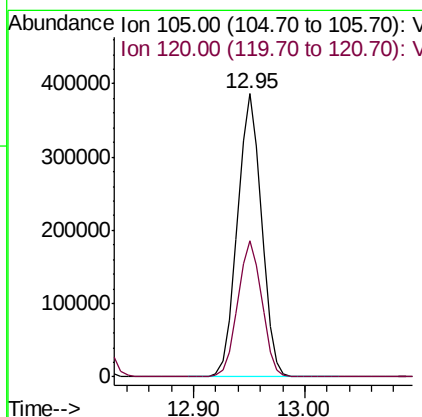
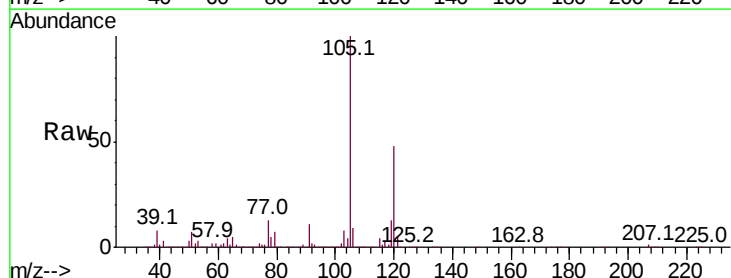
Instrument :
 MSVOA_W
 ClientSampleId :

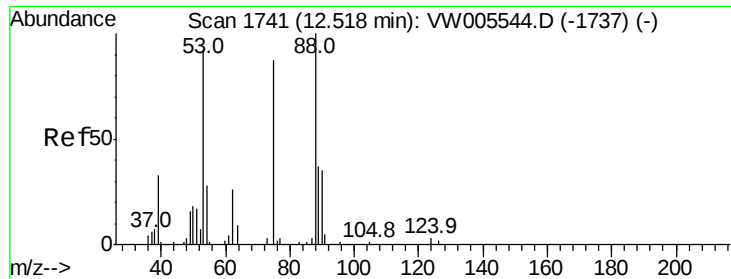
Tot Ion: 91 Resp: 459821
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.177 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion:105 Resp: 578242
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.550 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampleId :

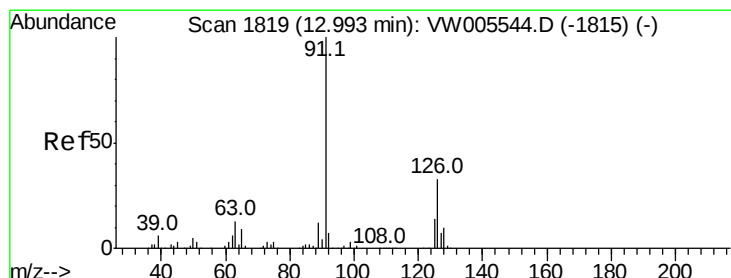
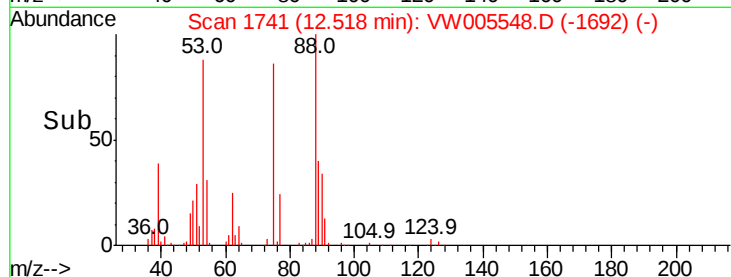
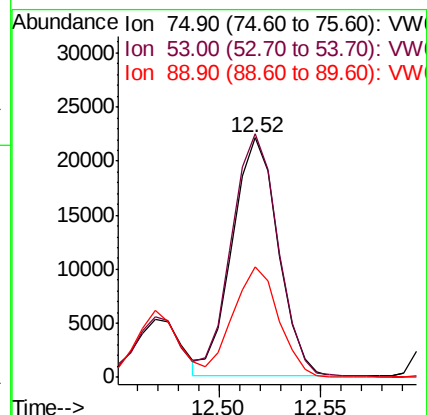
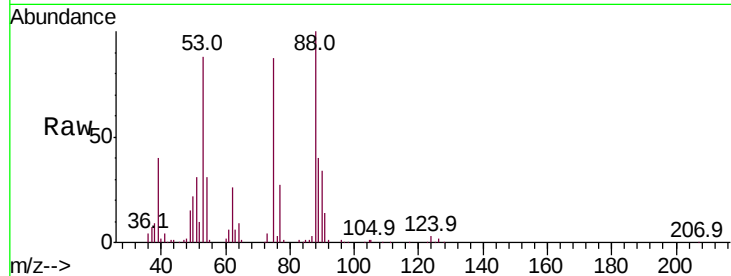
Tot Ion: 75 Resp: 34466

Ion	Ratio	Lower	Upper
75	100		
53	104.8	85.8	128.6
89	45.6	37.3	55.9

75 100

53 104.8 85.8 128.6

89 45.6 37.3 55.9



#82

4-Chlorotoluene

Concen: 51.211 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005548.D

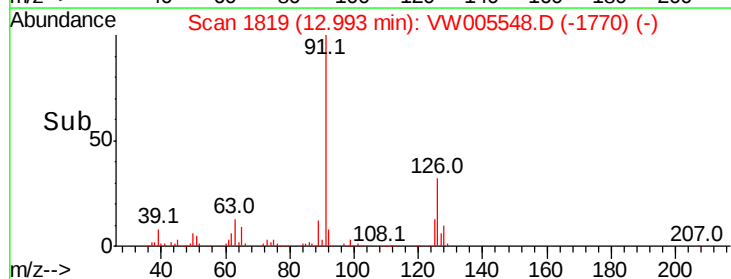
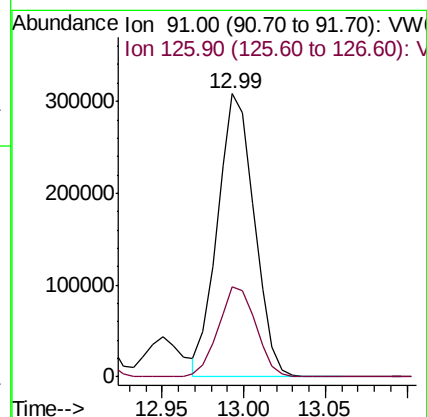
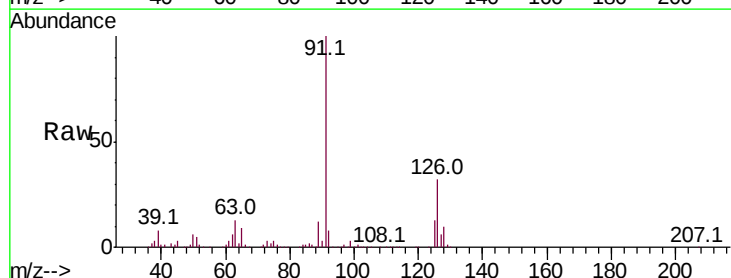
Acq: 21 Sep 2018 00:02

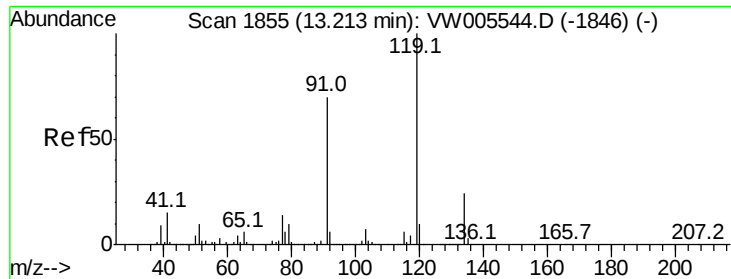
Tgt Ion: 91 Resp: 483041

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4

91 100

126 32.7 16.4 49.4





#83

tert-Butylbenzene

Concen: 52.693 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampleId :

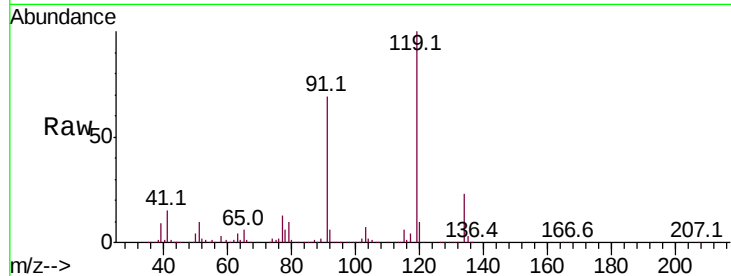
Tot Ion:119 Resp: 490603

Ion Ratio Lower Upper

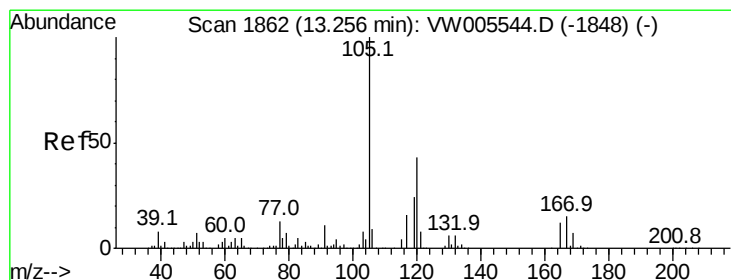
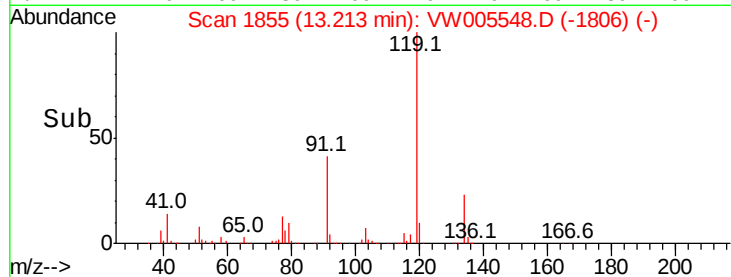
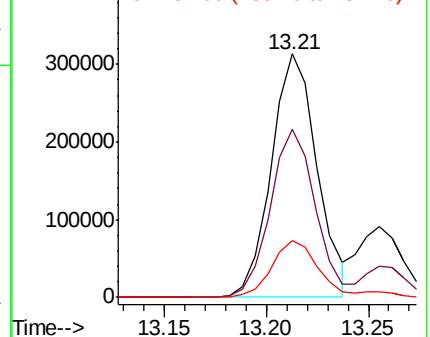
119 100

91 68.8 34.6 103.8

134 25.1 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.035 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005548.D

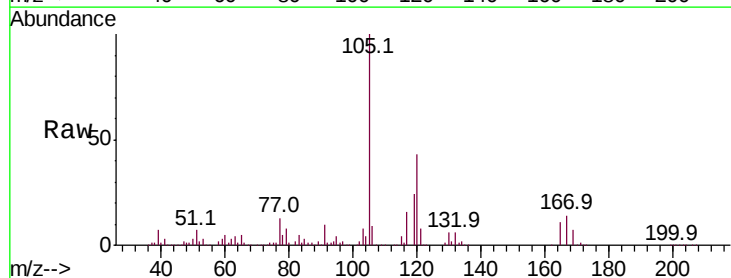
Acq: 21 Sep 2018 00:02

Tgt Ion:105 Resp: 593126

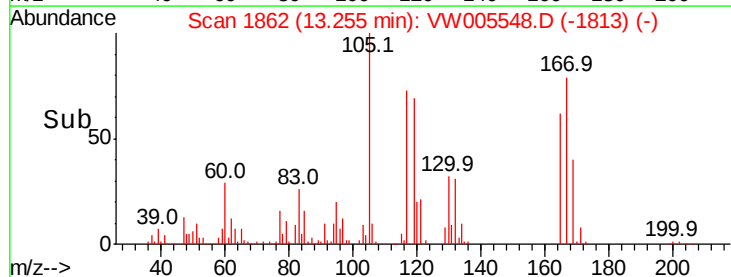
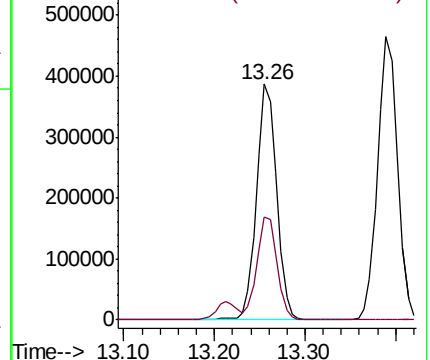
Ion Ratio Lower Upper

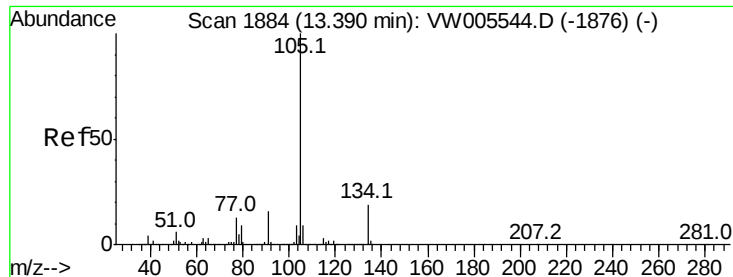
105 100

120 43.6 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.307 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

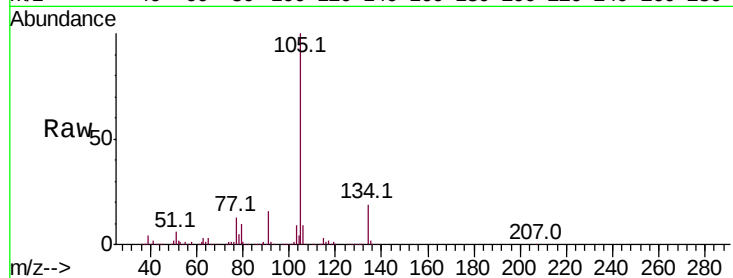
ClientSampled :

Tot Ion:105 Resp: 706317

Ion Ratio Lower Upper

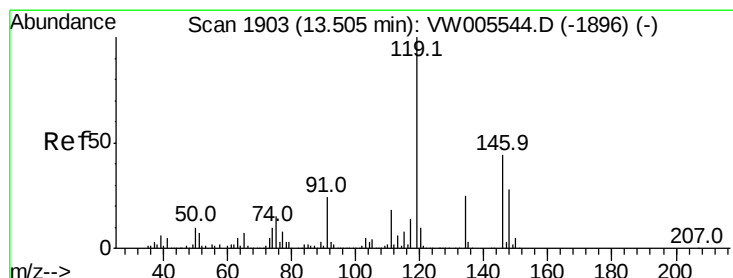
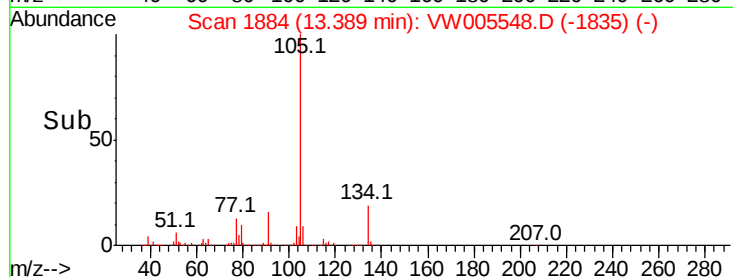
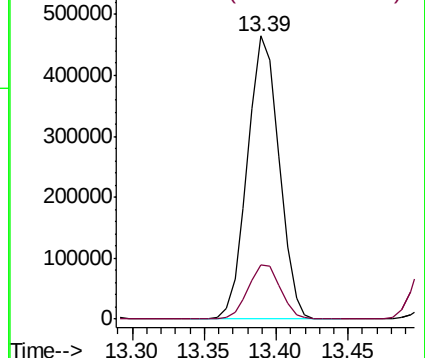
105 100

134 19.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.209 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

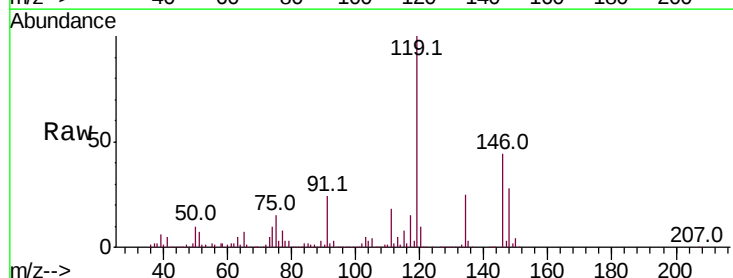
Tgt Ion:119 Resp: 631902

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

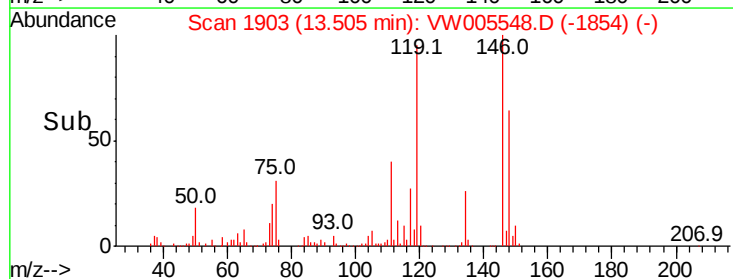
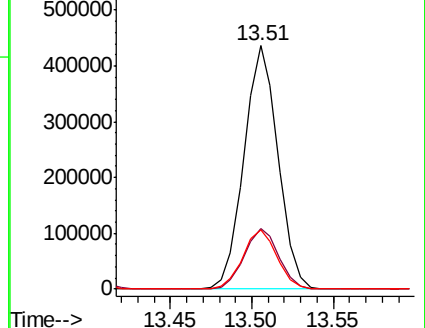
91 24.6 12.2 36.4

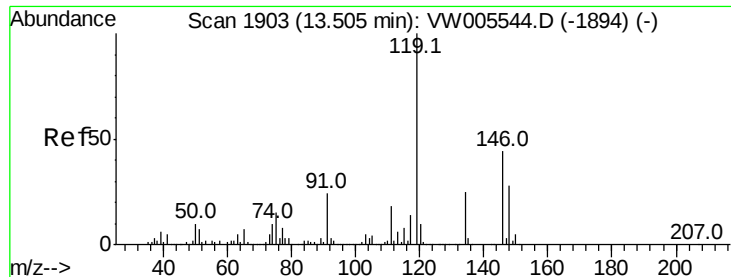


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

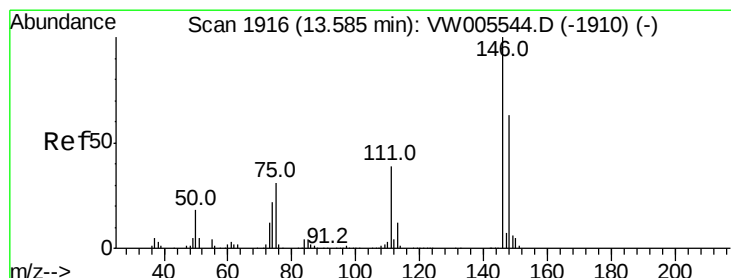
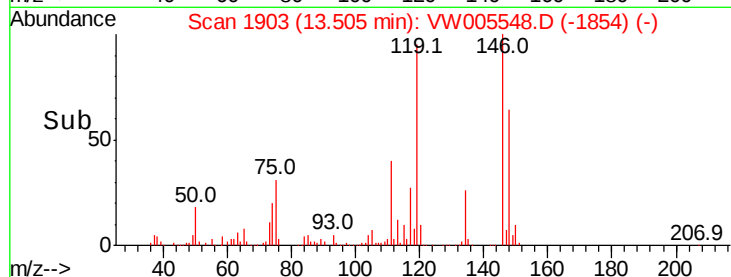
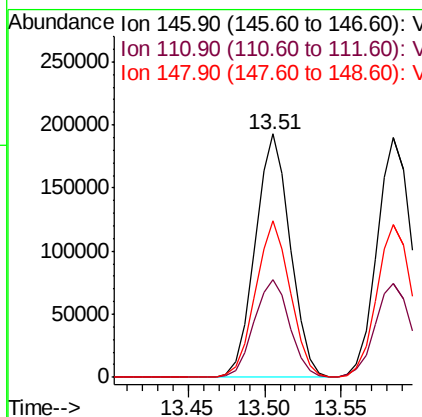
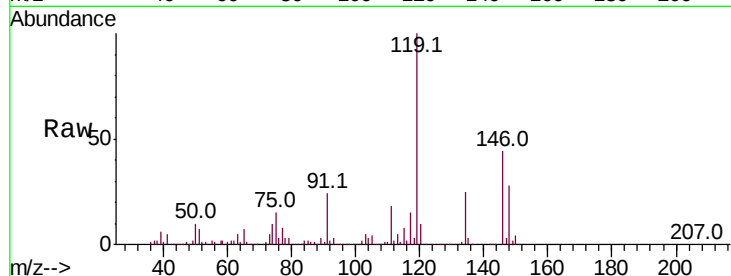




#87
 1,3-Dichlorobenzene
 Concen: 50.137 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

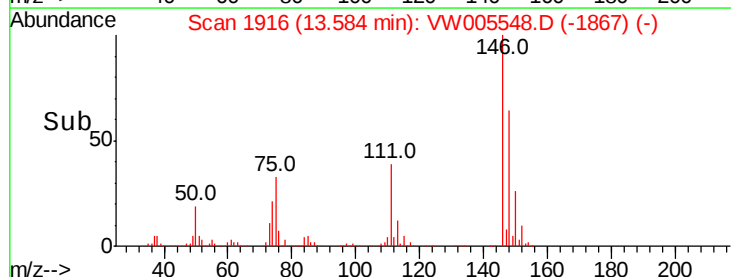
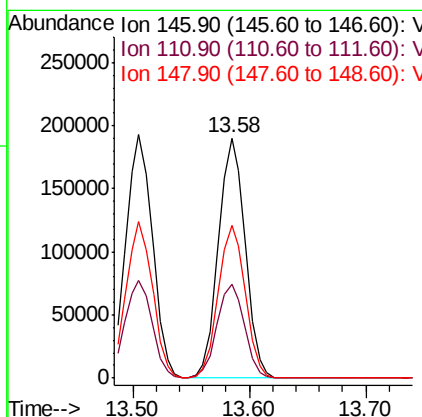
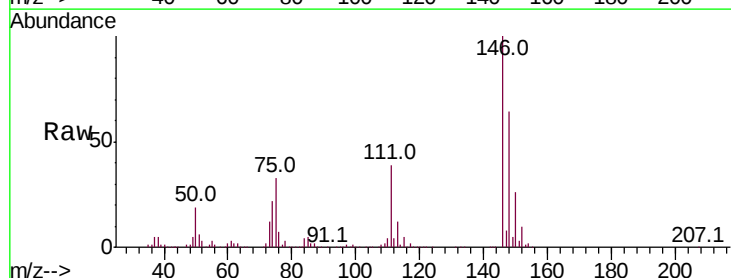
Instrument :
 MSVOA_W
 ClientSampled :

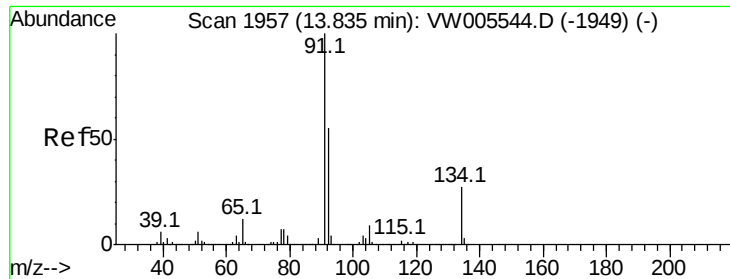
Tot Ion:146 Resp: 306245
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.660 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion:146 Resp: 301681
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 52.317 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.01 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampled :

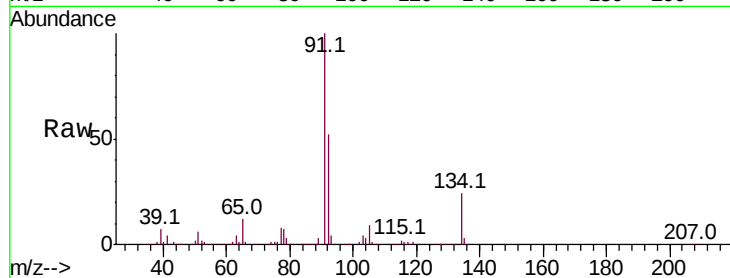
Tot Ion: 91 Resp: 597259

Ion Ratio Lower Upper

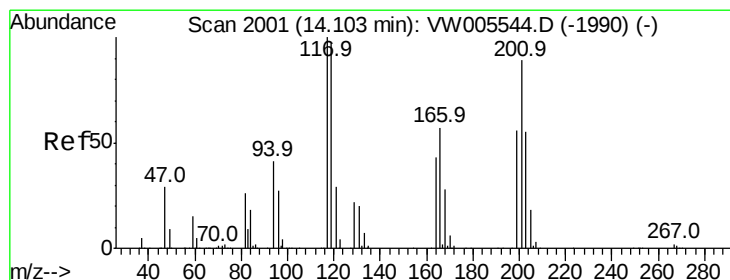
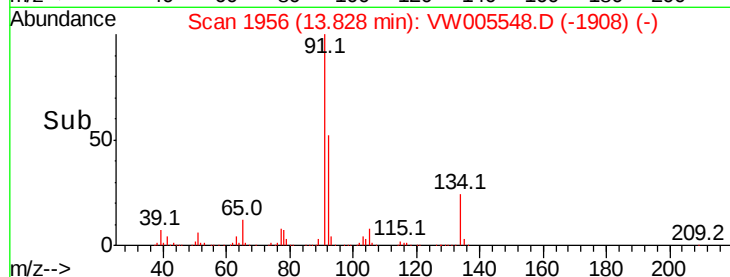
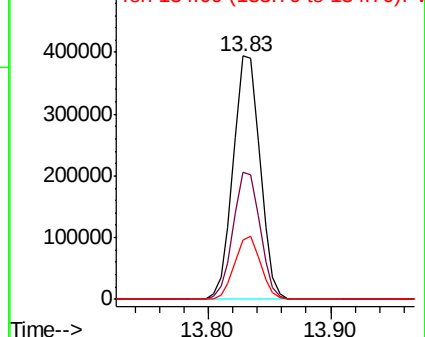
91 100

92 52.2 26.5 79.5

134 25.2 12.9 38.7



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: 50.903 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005548.D

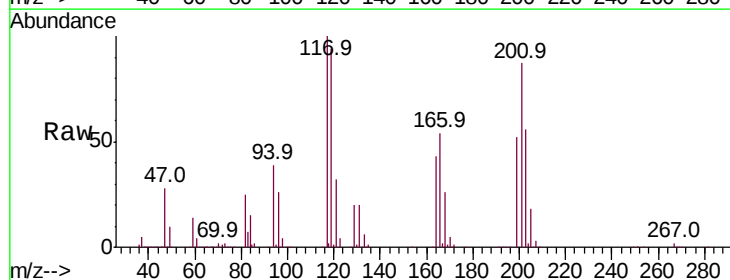
Acq: 21 Sep 2018 00:02

Tgt Ion: 117 Resp: 111665

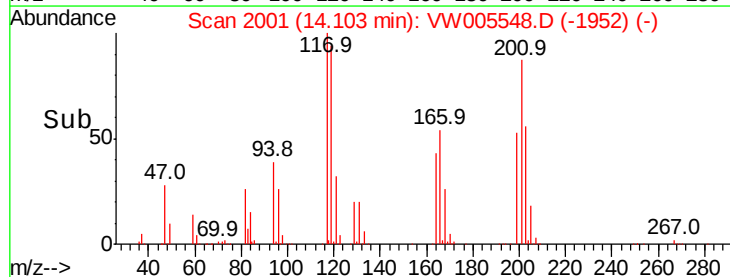
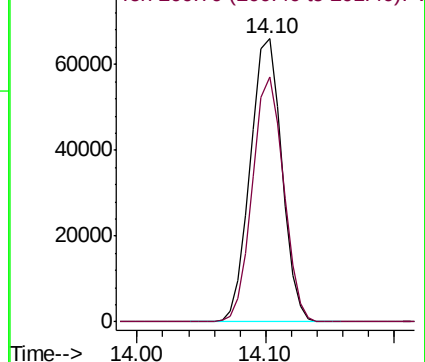
Ion Ratio Lower Upper

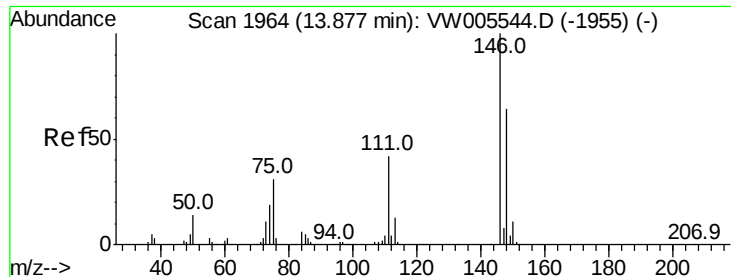
117 100

201 85.3 42.8 128.3



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





#91

1,2-Dichlorobenzene

Concen: 50.740 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

Instrument :

MSVOA_W

ClientSampleId :

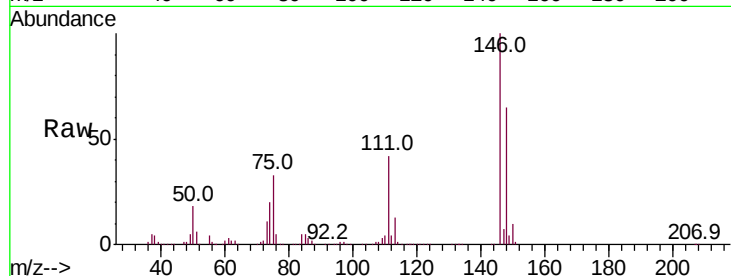
Tot Ion:146 Resp: 273594

Ion Ratio Lower Upper

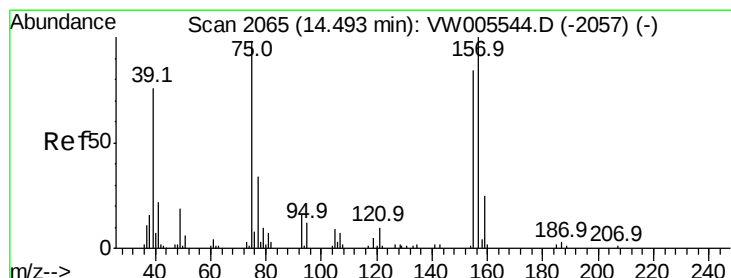
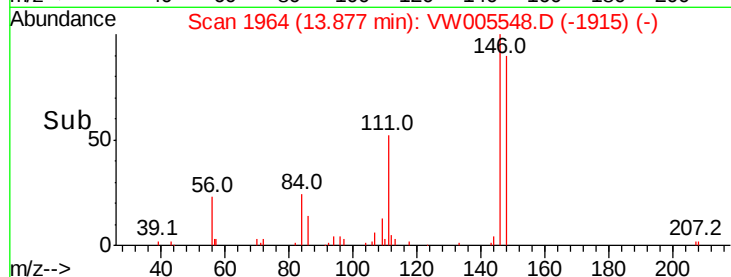
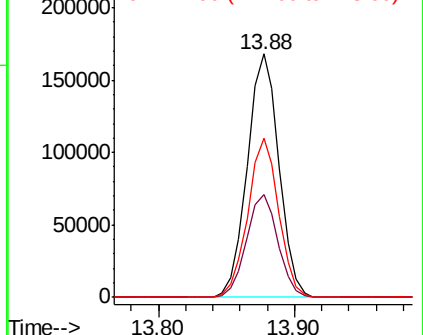
146 100

111 42.2 21.3 63.9

148 63.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.856 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005548.D

Acq: 21 Sep 2018 00:02

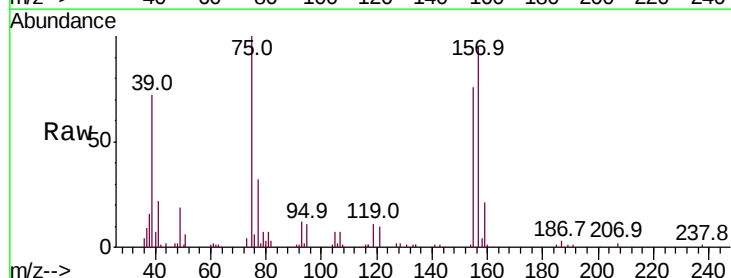
Tgt Ion: 75 Resp: 19302

Ion Ratio Lower Upper

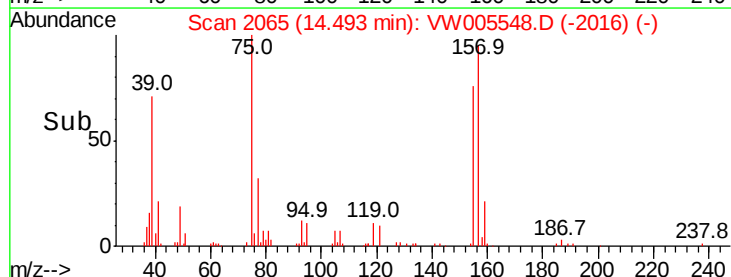
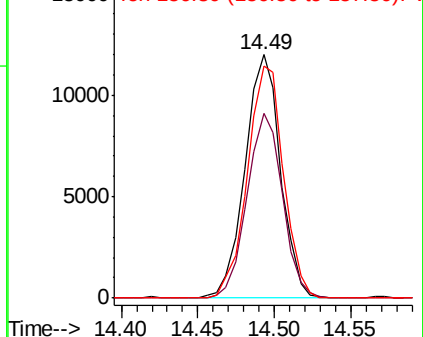
75 100

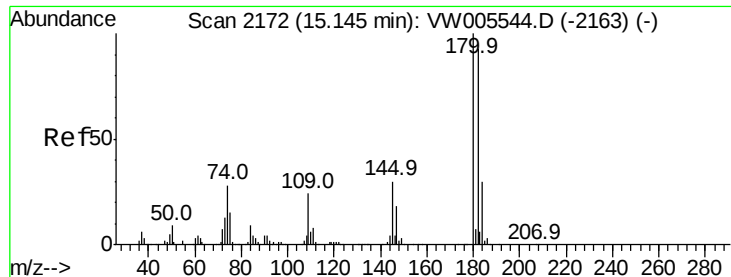
155 75.8 39.1 117.5

157 97.1 50.8 152.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

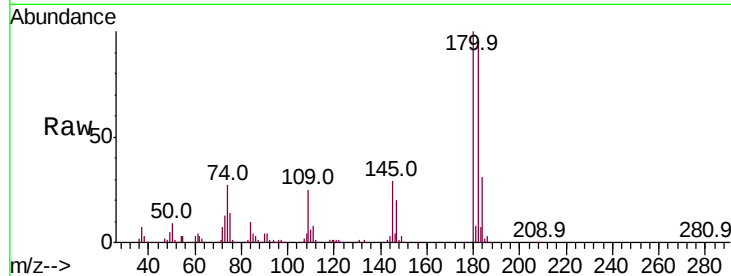




#93
 1,2,4-Trichlorobenzene
 Concen: 51.039 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	30.7	15.0	45.1

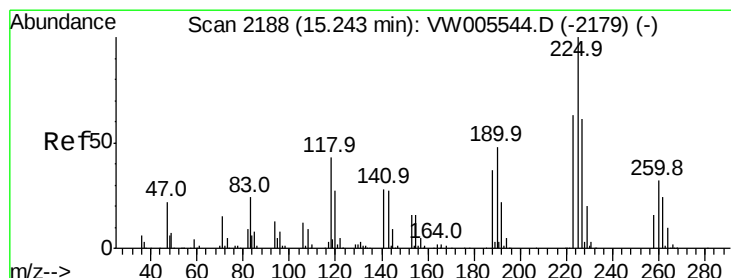
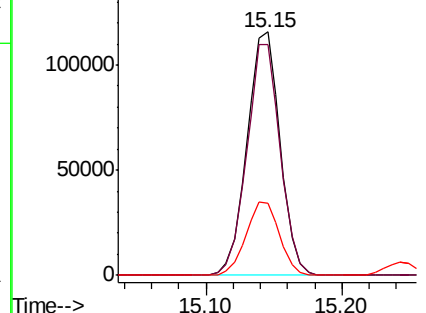
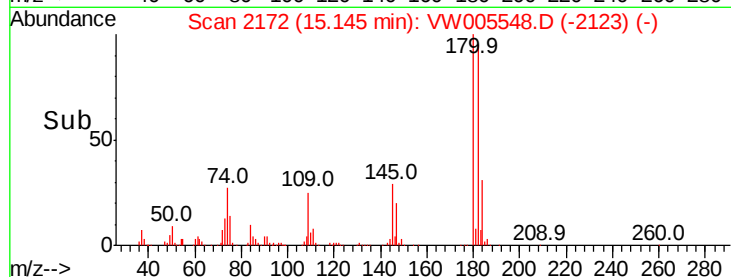


Abundance

Ion 179.80 (179.50 to 180.50): V

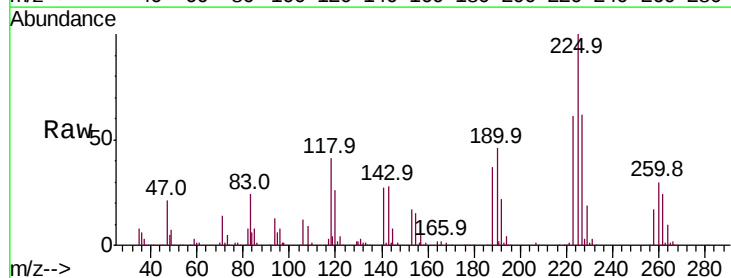
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.202 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005548.D
 Acq: 21 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.1	93.3
227	63.2	31.8	95.3

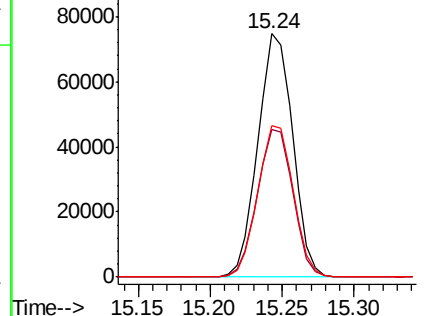
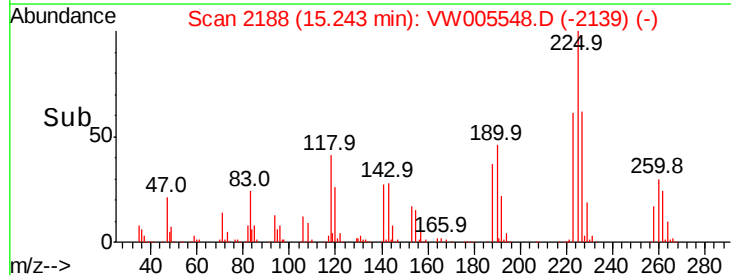


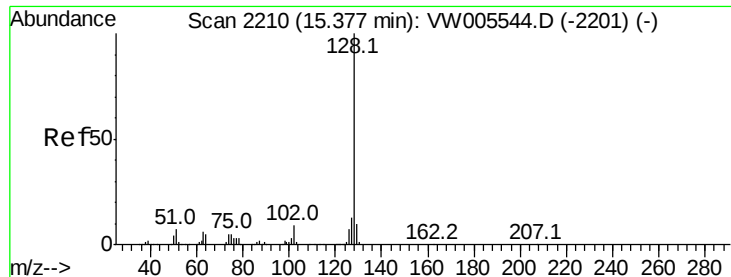
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

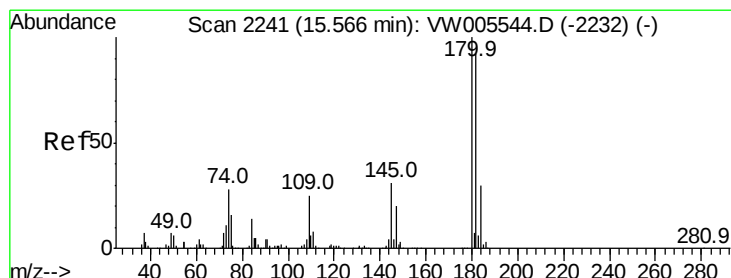
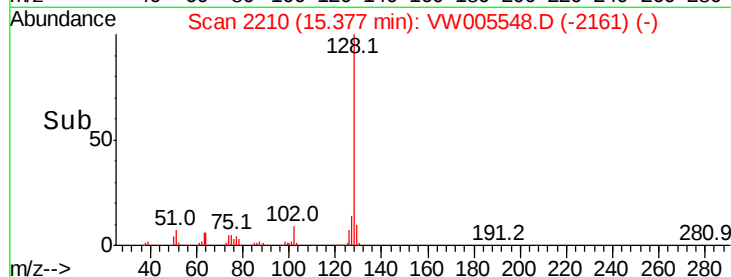
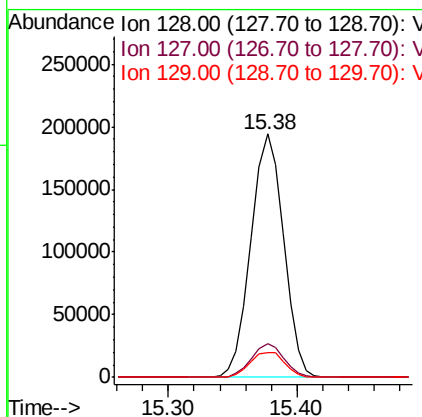
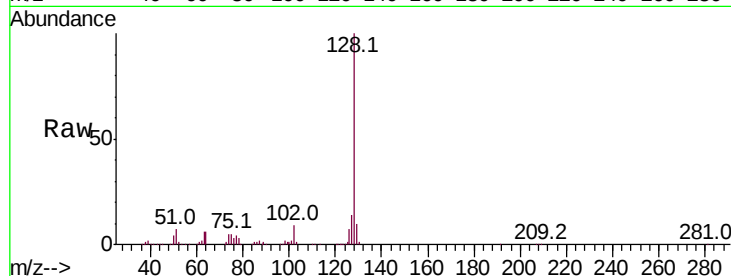




#95
Naphthalene
Concen: 52.795 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.9	16.3
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.297 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005548.D
Acq: 21 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.9
145	32.4	16.0	47.9

