

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
 Data File : VW005833.D
 Acq On : 04 Oct 2018 03:12
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:22:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	285445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152716	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11885	5.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.06%	
35) Dibromofluoromethane	7.88	113	9781	5.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.82%	
50) Toluene-d8	10.33	98	34342	4.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.38%	
62) 4-Bromofluorobenzene	12.62	95	12775	4.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	5009	4.138	ug/l	98
3) Chloromethane	2.21	50	7218	5.044	ug/l	96
4) Vinyl Chloride	2.36	62	9947	5.646	ug/l	98
5) Bromomethane	2.79	94	6980	5.838	ug/l	95
6) Chloroethane	2.93	64	5419	4.800	ug/l	95
7) Trichlorofluoromethane	3.26	101	5997	4.427	ug/l	99
8) Diethyl Ether	3.68	74	5381	5.906	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	8729	5.032	ug/l	96
10) Methyl Iodide	4.26	142	14482	5.365	ug/l	98
11) Tert butyl alcohol	5.22	59	1788	14.393	ug/l #	75
12) 1,1-Dichloroethene	4.04	96	9028	5.400	ug/l	97
13) Acrolein	3.90	56	3762	39.054	ug/l	96
14) Allyl chloride	4.67	41	13747	4.775	ug/l	98
15) Acrylonitrile	5.38	53	10015	24.822	ug/l	96
16) Acetone	4.15	43	10959	28.537	ug/l	97
17) Carbon Disulfide	4.38	76	29164	5.537	ug/l	98
18) Methyl Acetate	4.68	43	5944	5.744	ug/l	96
19) Methyl tert-butyl Ether	5.44	73	12665	4.851	ug/l #	88
20) Methylene Chloride	4.92	84	22321	10.277	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	9301	5.080	ug/l	99
22) Diisopropyl ether	6.32	45	25304	4.512	ug/l	97
23) Vinyl Acetate	6.26	43	68100	21.131	ug/l	99
24) 1,1-Dichloroethane	6.21	63	18356	5.271	ug/l	99
25) 2-Butanone	7.18	43	13136	24.927	ug/l	97
26) 2,2-Dichloropropane	7.17	77	12501	5.243	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	10566	5.244	ug/l	92
28) Bromochloromethane	7.52	49	7519	5.553	ug/l	99
29) Tetrahydrofuran	7.54	42	7659	23.215	ug/l	99
30) Chloroform	7.68	83	19768	5.473	ug/l	95
31) Cyclohexane	7.95	56	17262	5.225	ug/l #	69
32) 1,1,1-Trichloroethane	7.88	97	16200	5.105	ug/l	97
36) 1,1-Dichloropropene	8.09	75	13864	4.791	ug/l	99
37) Ethyl Acetate	7.26	43	6343	5.173	ug/l #	96
38) Carbon Tetrachloride	8.07	117	15884	5.117	ug/l	97

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 Data File : VW005833.D
 Acq On : 04 Oct 2018 03:12
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:22:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	14781	4.345	ug/l	96
40) Benzene	8.32	78	42087	5.116	ug/l	99
41) Methacrylonitrile	7.49	41	3437	4.846	ug/l	94
42) 1,2-Dichloroethane	8.41	62	14335	5.379	ug/l	97
43) Isopropyl Acetate	8.43	43	11258	4.644	ug/l	98
44) Trichloroethene	9.10	130	10785	5.104	ug/l	95
45) 1,2-Dichloropropane	9.38	63	9873	4.927	ug/l	93
46) Dibromomethane	9.46	93	5430	5.313	ug/l	98
47) Bromodichloromethane	9.65	83	14070	5.166	ug/l	92
48) Methyl methacrylate	9.45	41	5368	4.656	ug/l	99
49) 1,4-Dioxane	9.48	88	1502	92.078	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	28647	23.384	ug/l	98
52) Toluene	10.39	92	24639	4.789	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	13139	4.817	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	14045	4.601	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	7891	5.426	ug/l	99
56) Ethyl methacrylate	10.65	69	7677	4.280	ug/l	96
57) 1,3-Dichloropropane	10.93	76	13152	5.130	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	18231	22.871	ug/l	100
59) 2-Hexanone	10.98	43	17697	21.315	ug/l	98
60) Dibromochloromethane	11.13	129	9407	5.312	ug/l	96
61) 1,2-Dibromoethane	11.24	107	7323	5.390	ug/l	97
64) Tetrachloroethene	10.87	164	10628	5.310	ug/l	96
65) Chlorobenzene	11.66	112	29532	4.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	11138	5.197	ug/l	100
67) Ethyl Benzene	11.74	91	47455	4.533	ug/l	98
68) m/p-Xylenes	11.85	106	35123	8.850	ug/l	98
69) o-Xylene	12.17	106	16160	4.352	ug/l	100
70) Styrene	12.19	104	27384	4.383	ug/l	98
71) Bromoform	12.35	173	5977	5.196	ug/l #	98
73) Isopropylbenzene	12.47	105	43808	4.132	ug/l	100
74) N-amyl acetate	12.28	43	9433	3.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	8864	4.969	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	11494	8.681	ug/l #	100
77) Bromobenzene	12.75	156	12032	4.791	ug/l	99
78) n-propylbenzene	12.81	91	52690	4.116	ug/l	98
79) 2-Chlorotoluene	12.90	91	31595	4.247	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	37532	4.068	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	2549	4.383	ug/l	97
82) 4-Chlorotoluene	12.99	91	35919	4.577	ug/l	100
83) tert-Butylbenzene	13.21	119	31983	4.129	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	39878	4.275	ug/l	98
85) sec-Butylbenzene	13.39	105	46282	4.131	ug/l	98
86) p-Isopropyltoluene	13.51	119	41013	4.071	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	25741	5.025	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	26253	5.160	ug/l	94
89) n-Butylbenzene	13.83	91	37983	4.021	ug/l	99
90) Hexachloroethane	14.10	117	8773	4.802	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	23302	5.133	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1662	4.838	ug/l	95

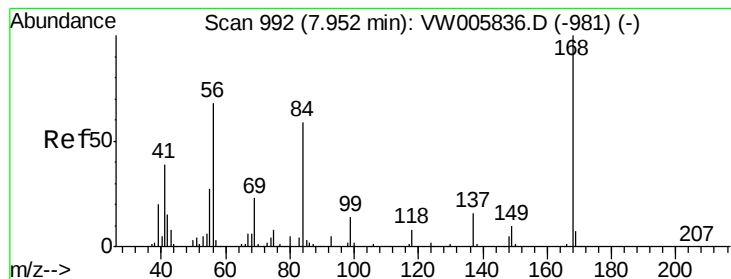
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
Data File : VW005833.D
Acq On : 04 Oct 2018 03:12
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 04 05:22:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 05:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	15009	4.658	ug/l	99
94) Hexachlorobutadiene	15.24	225	9590	4.618	ug/l	98
95) Naphthalene	15.38	128	22060	4.021	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	13590	4.759	ug/l	97

(#) = 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: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

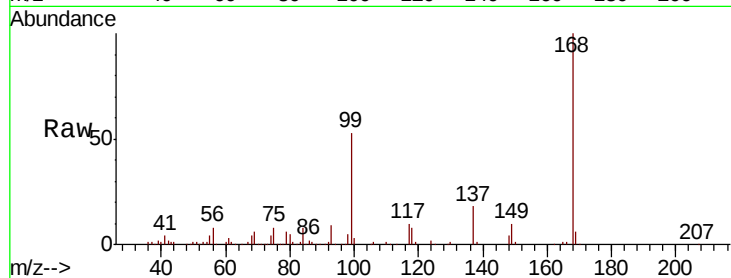
ClientSampled :

Tgt Ion:168 Resp: 181103

Ion Ratio Lower Upper

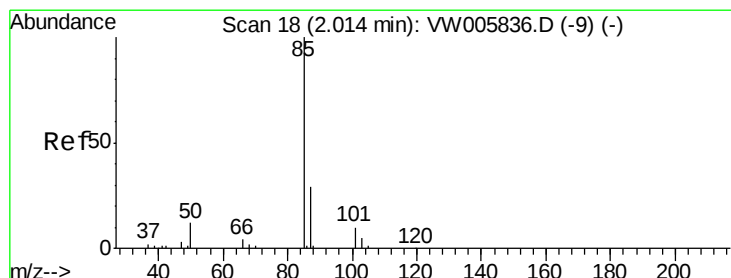
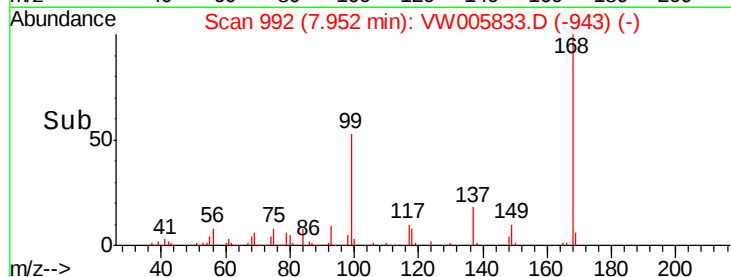
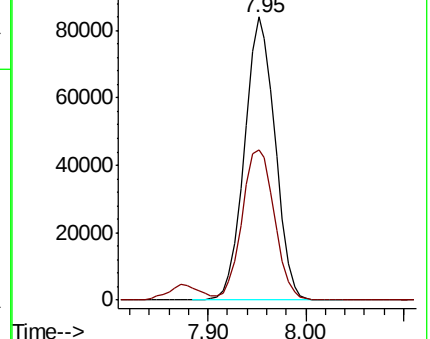
168 100

99 53.1 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 4.138 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005833.D

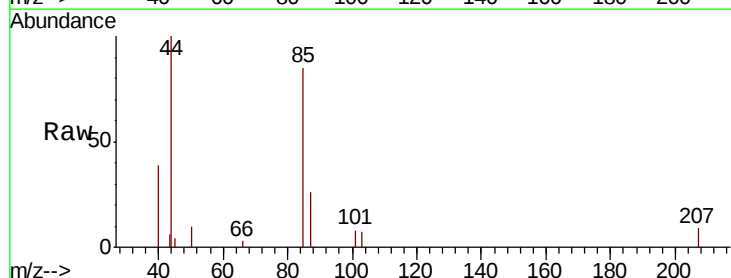
Acq: 04 Oct 2018 03:12

Tgt Ion: 85 Resp: 5009

Ion Ratio Lower Upper

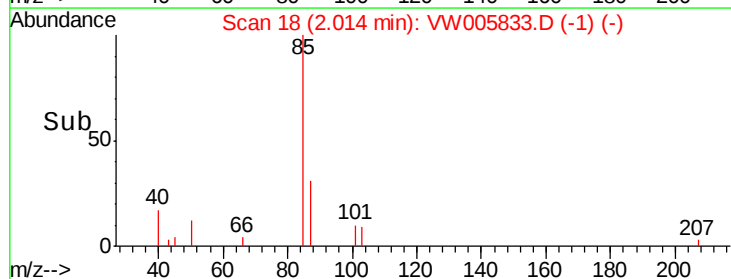
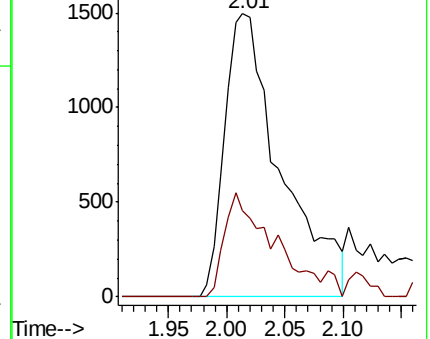
85 100

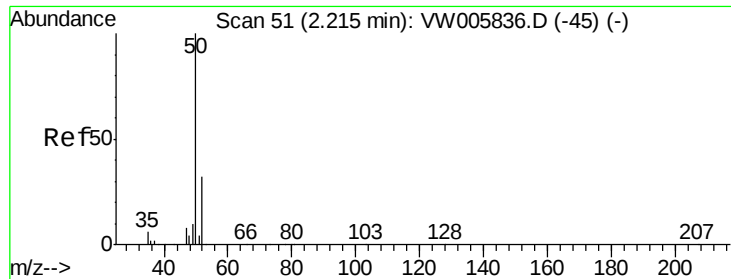
87 30.6 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 5.044 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

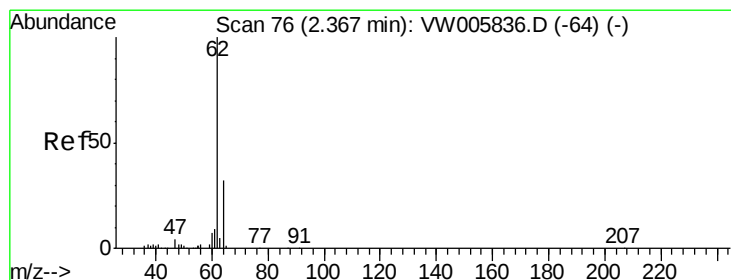
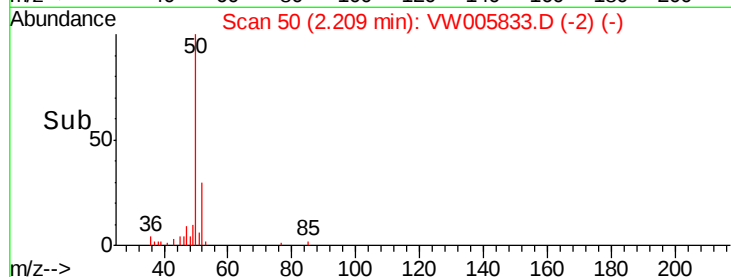
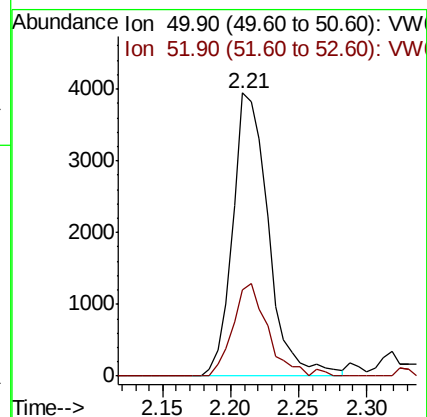
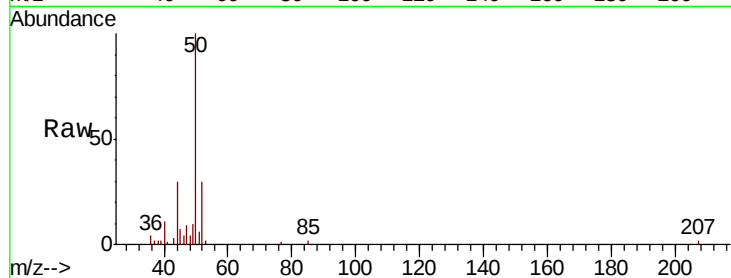
ClientSampleId :

Tgt Ion: 50 Resp: 7218

Ion Ratio Lower Upper

50 100

52 30.5 26.0 39.0



#4

Vinyl Chloride

Concen: 5.646 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW005833.D

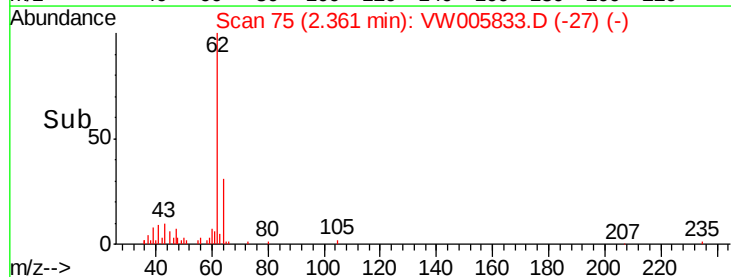
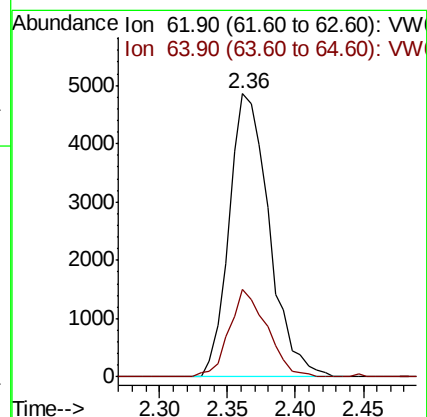
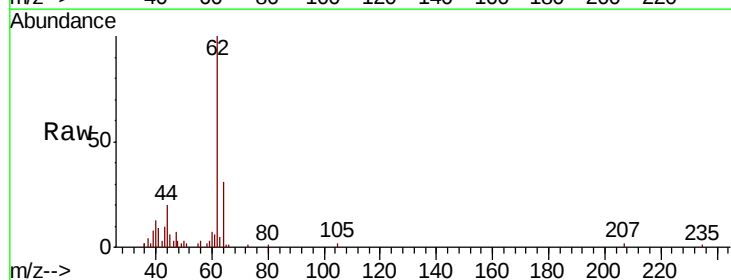
Acq: 04 Oct 2018 03:12

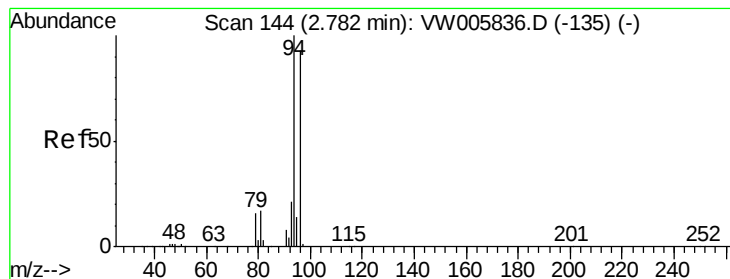
Tgt Ion: 62 Resp: 9947

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 5.838 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

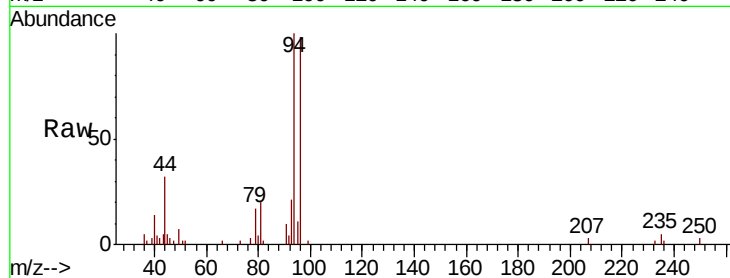
ClientSampleId :

Tgt Ion: 94 Resp: 6980

Ion Ratio Lower Upper

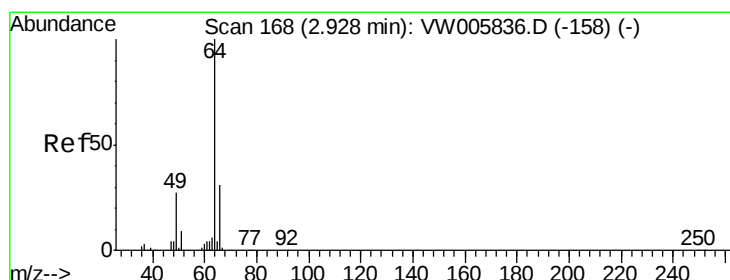
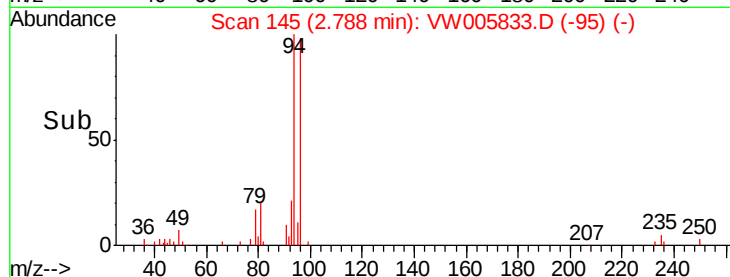
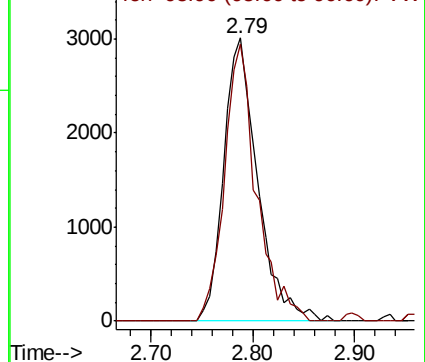
94 100

96 97.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 4.800 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW005833.D

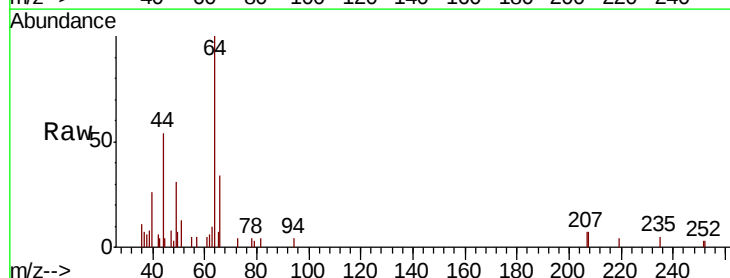
Acq: 04 Oct 2018 03:12

Tgt Ion: 64 Resp: 5419

Ion Ratio Lower Upper

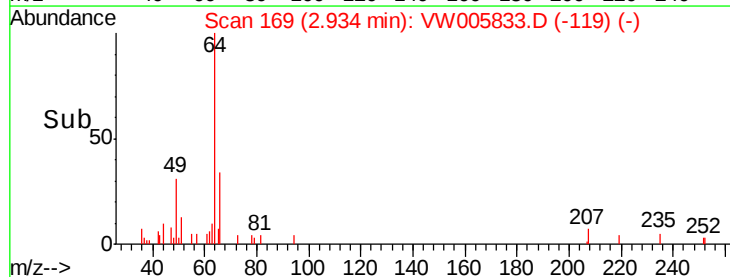
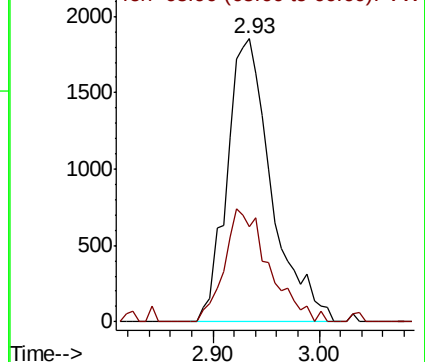
64 100

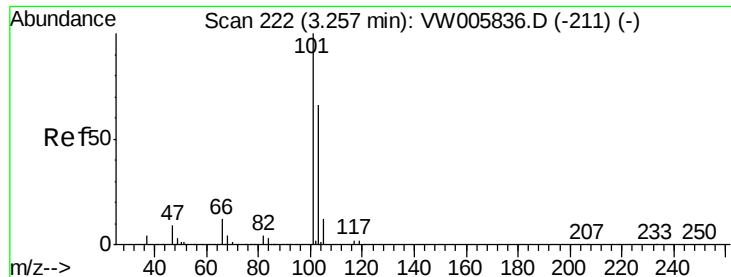
66 33.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



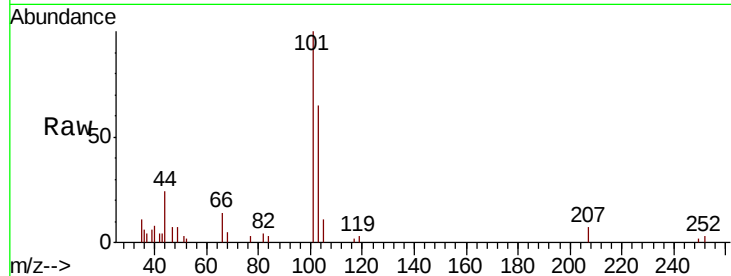


#7

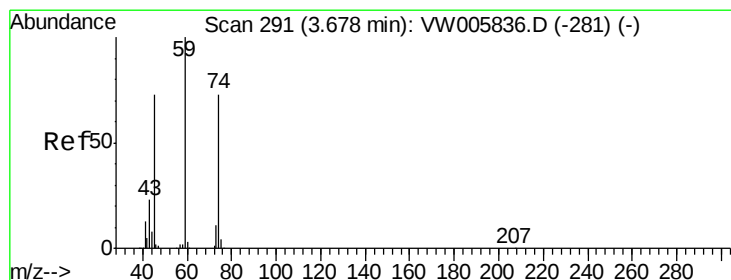
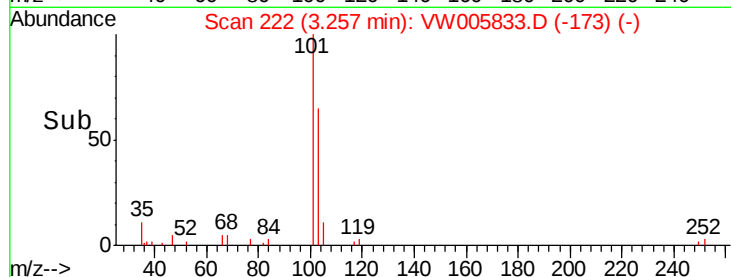
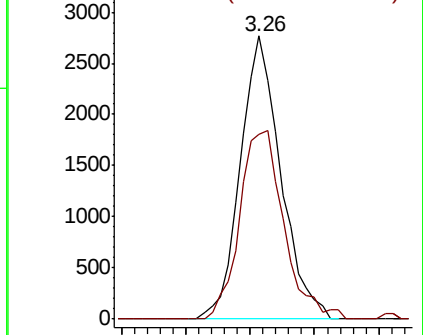
Trichlorofluoromethane
 Concen: 4.427 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion:101 Resp: 5997
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.5 78.7



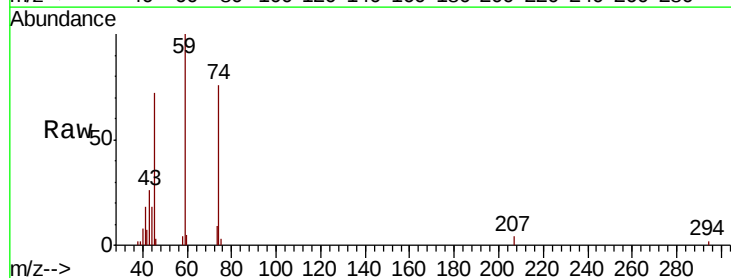
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



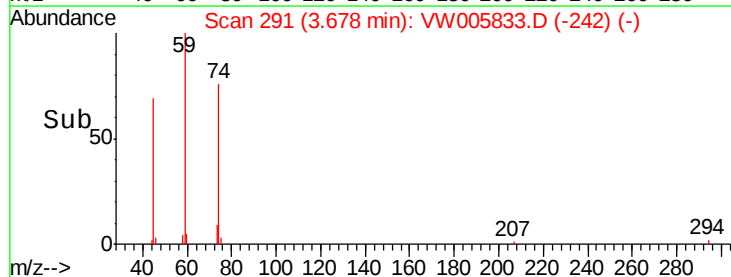
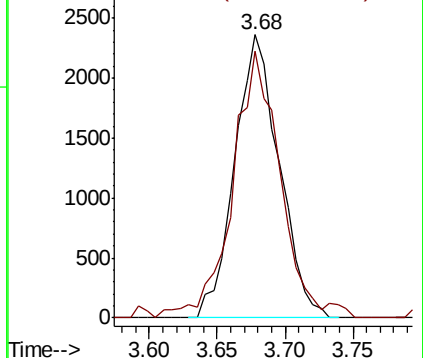
#8

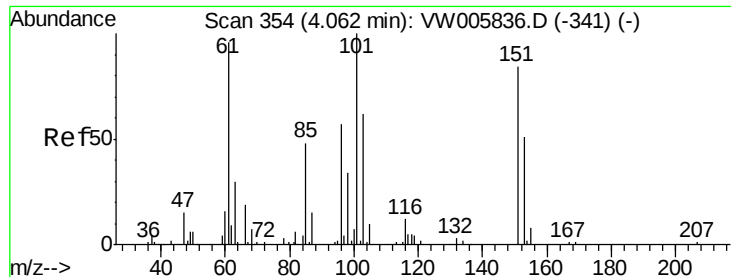
Diethyl Ether
 Concen: 5.906 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion: 74 Resp: 5381
 Ion Ratio Lower Upper
 74 100
 45 101.5 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.032 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

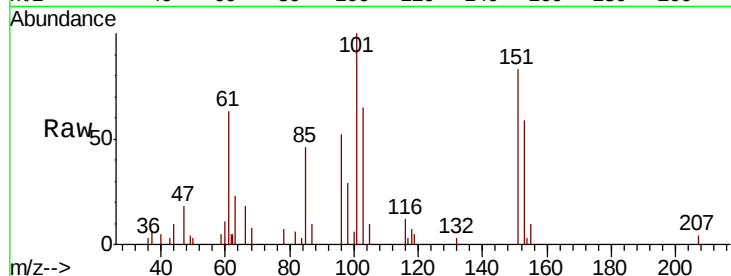
Tgt Ion:101 Resp: 8729

Ion Ratio Lower Upper

101 100

85 45.5 35.5 53.3

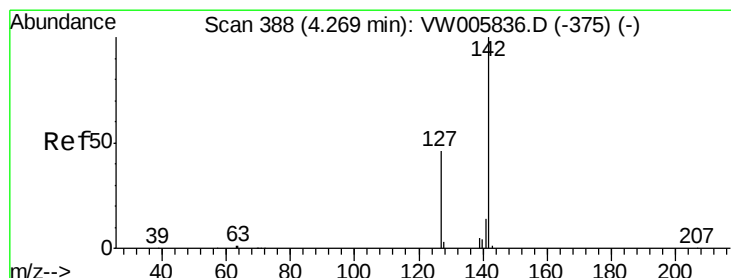
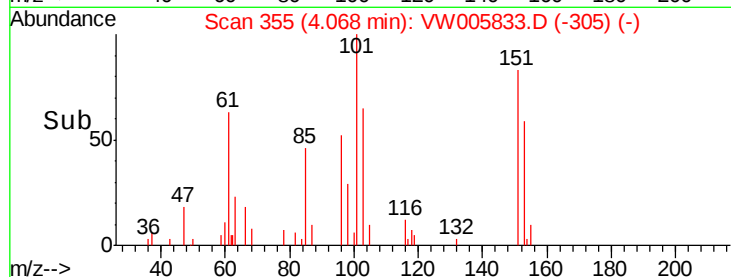
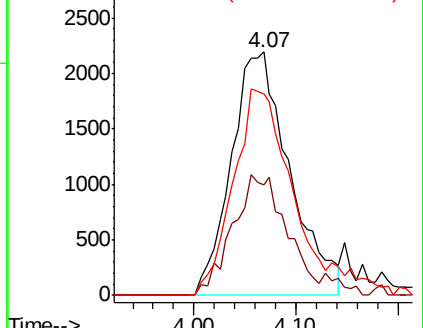
151 88.6 67.4 101.2



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: 5.365 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

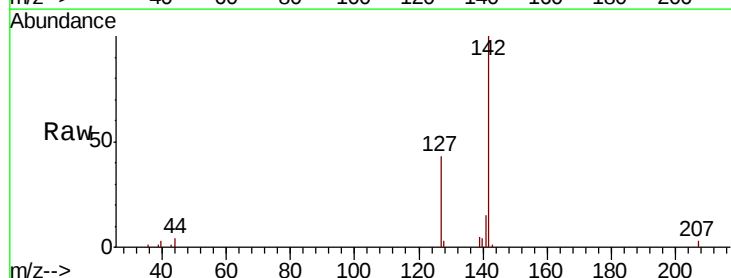
Tgt Ion:142 Resp: 14482

Ion Ratio Lower Upper

142 100

127 45.6 37.4 56.0

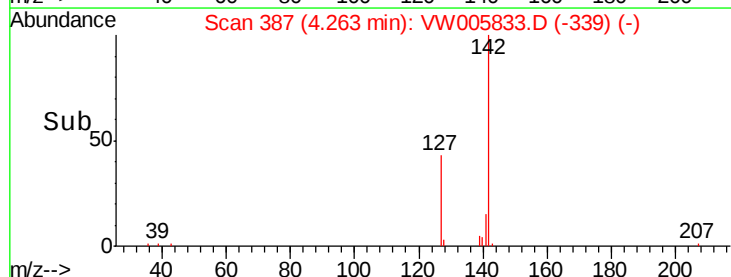
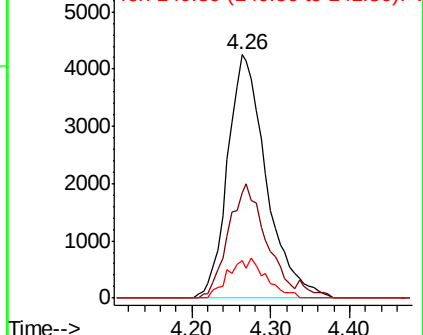
141 15.7 12.2 18.2

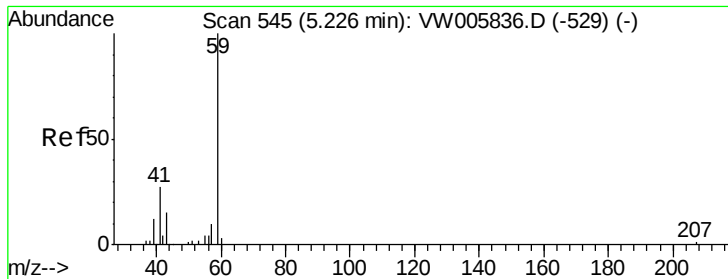


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

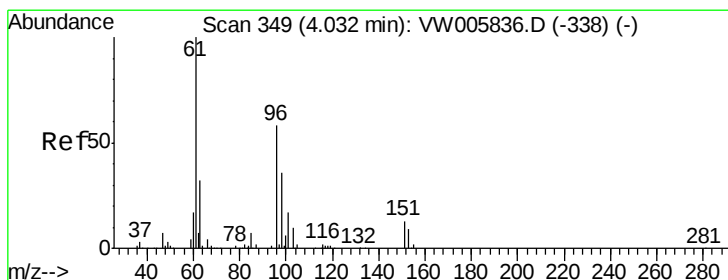
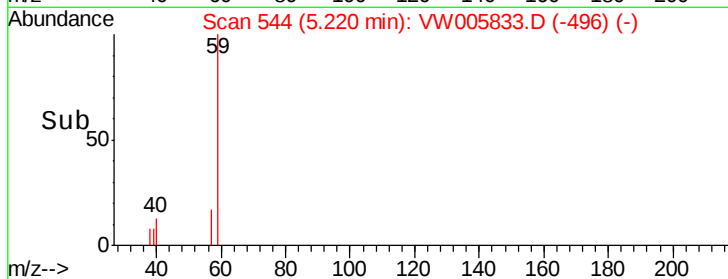
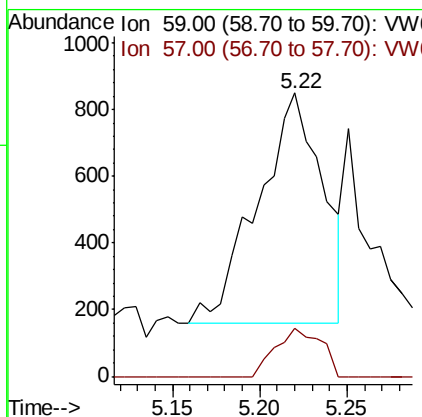
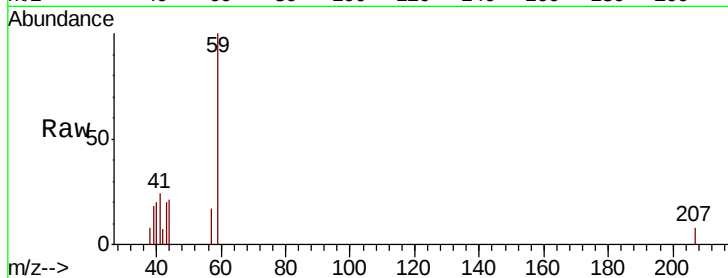




#11
Tert butyl alcohol
Concen: 14.393 ug/l
RT: 5.22 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

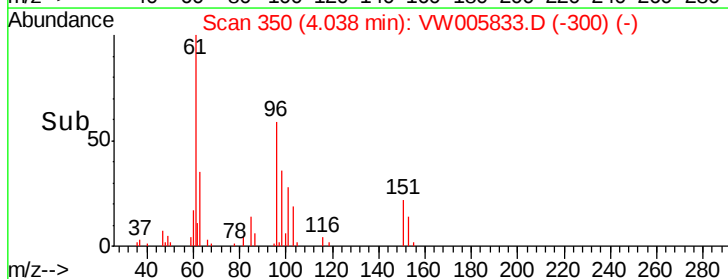
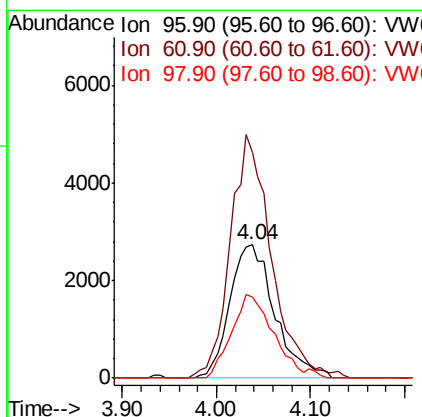
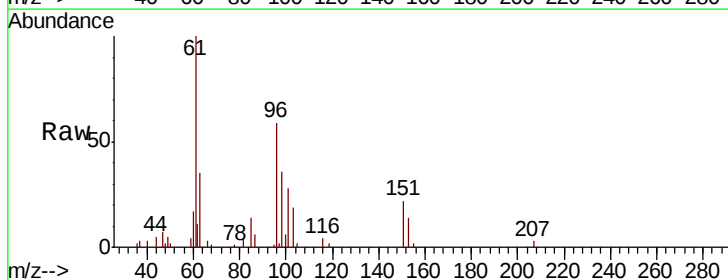
Instrument :
MSVOA_W
ClientSampleId :

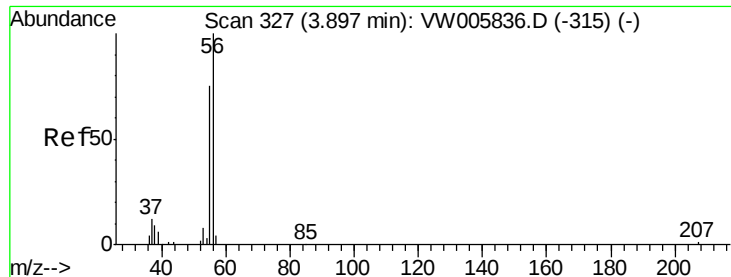
Tgt Ion: 59 Resp: 1788
Ion Ratio Lower Upper
59 100
57 14.6 4.9 7.3#



#12
1,1-Dichloroethene
Concen: 5.400 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 96 Resp: 9028
Ion Ratio Lower Upper
96 100
61 169.2 138.8 208.2
98 60.5 50.6 75.8





#13

Acrolein

Concen: 39.054 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

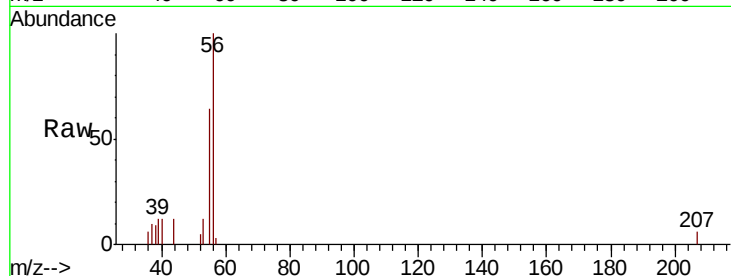
ClientSampleId :

Tgt Ion: 56 Resp: 3762

Ion Ratio Lower Upper

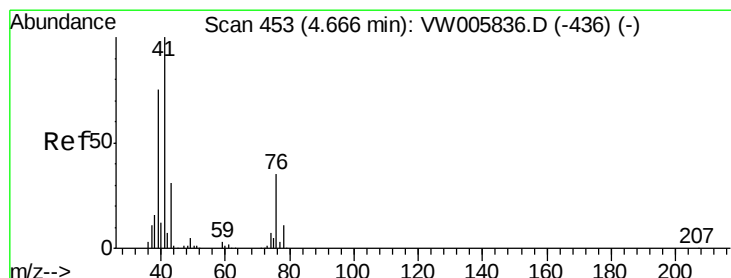
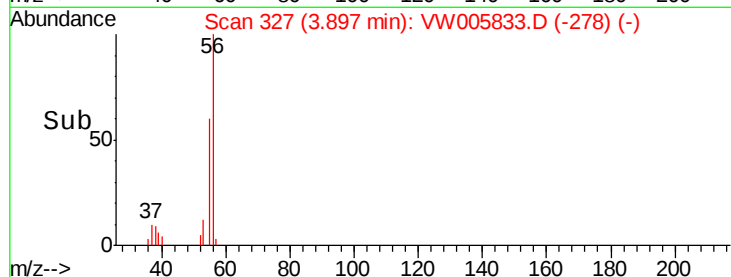
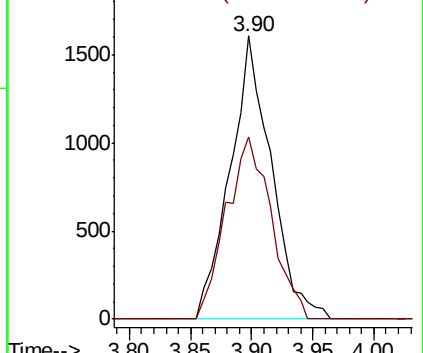
56 100

55 70.2 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 4.775 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

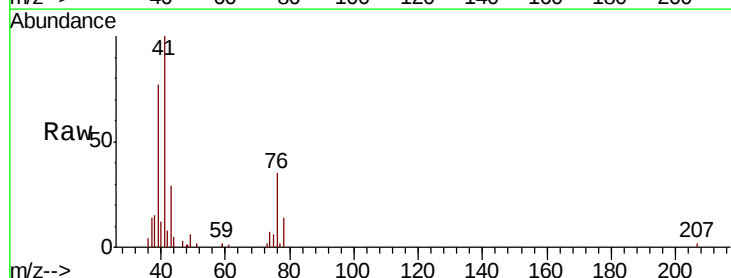
Tgt Ion: 41 Resp: 13747

Ion Ratio Lower Upper

41 100

39 74.1 60.3 90.5

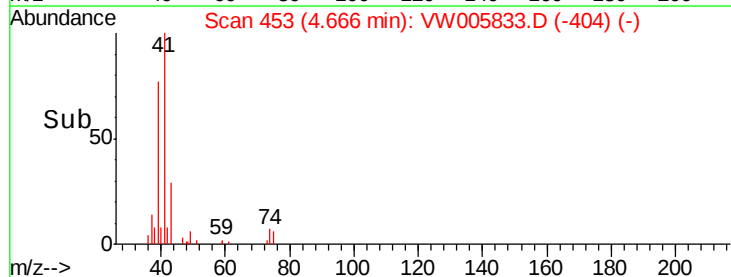
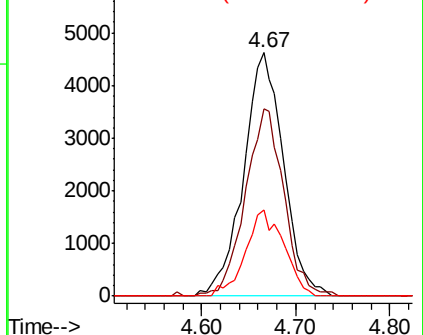
76 33.9 28.9 43.3

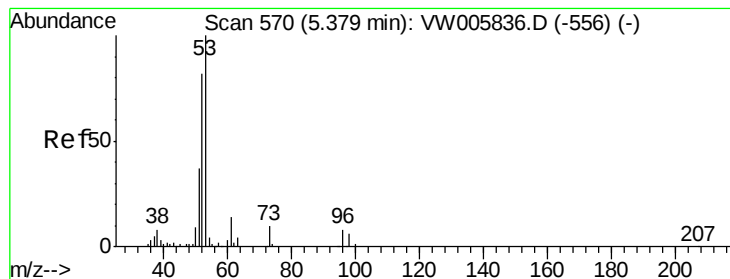


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 24.822 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

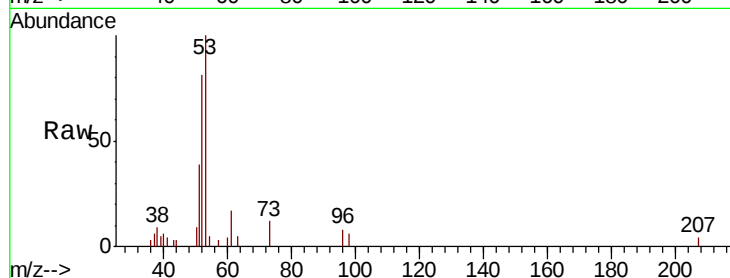
Tgt Ion: 53 Resp: 10015

Ion Ratio Lower Upper

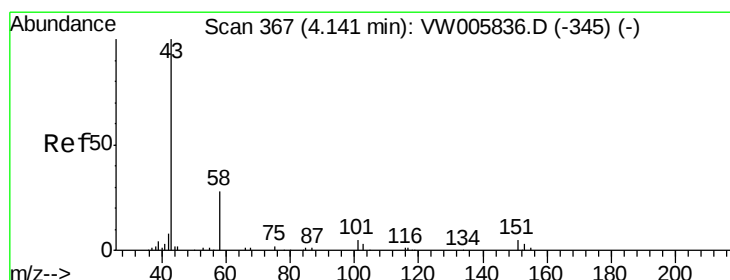
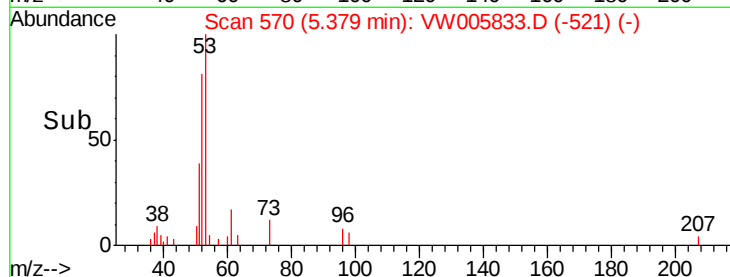
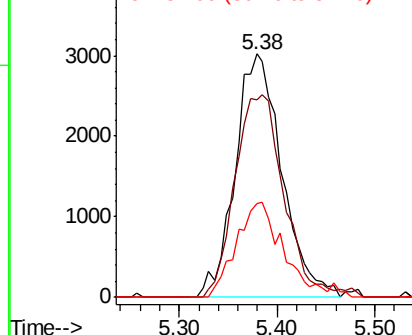
53 100

52 87.9 67.3 100.9

51 39.0 30.2 45.2



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



#16

Acetone

Concen: 28.537 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005833.D

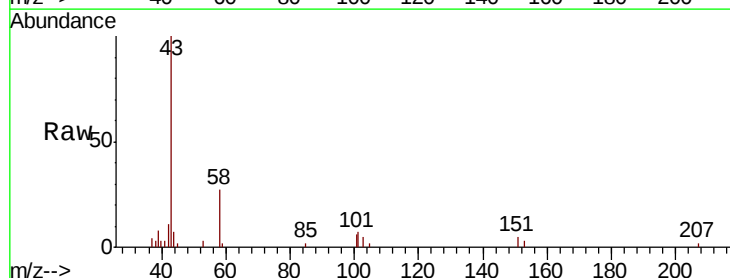
Acq: 04 Oct 2018 03:12

Tgt Ion: 43 Resp: 10959

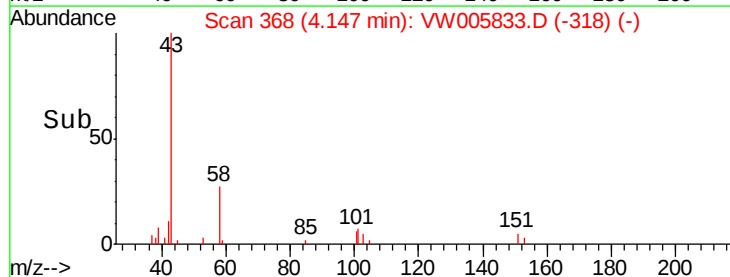
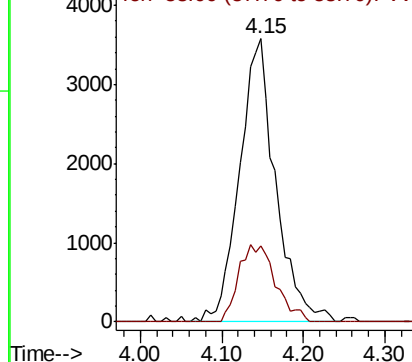
Ion Ratio Lower Upper

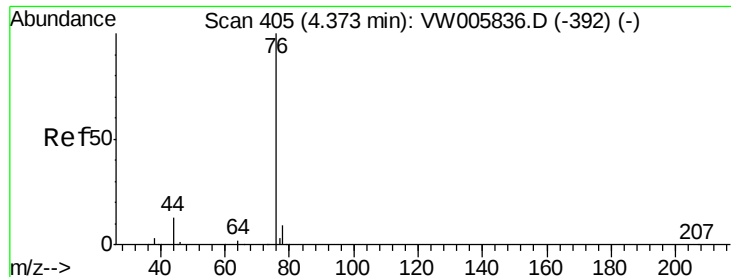
43 100

58 26.9 23.0 34.4



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

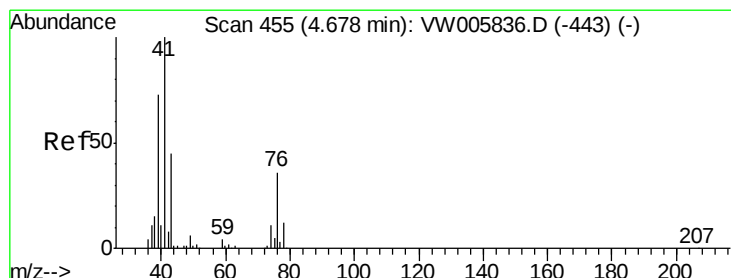
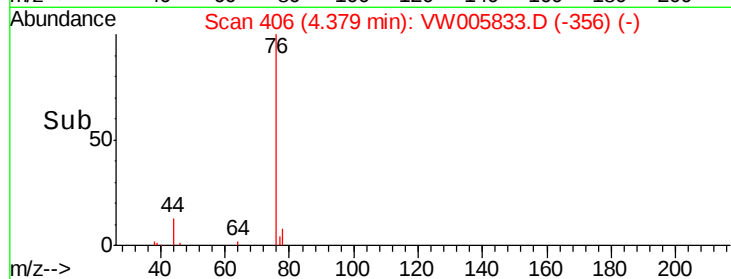
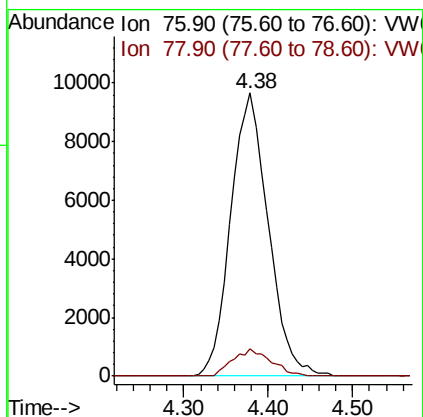
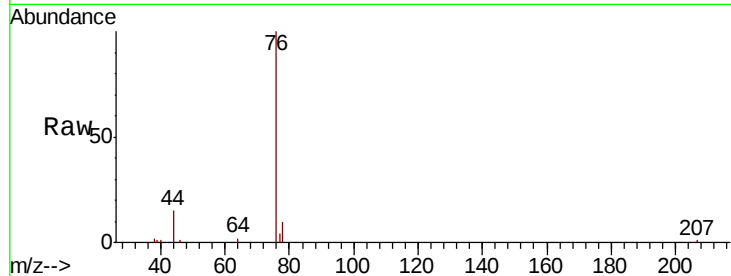




#17
Carbon Disulfide
Concen: 5.537 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

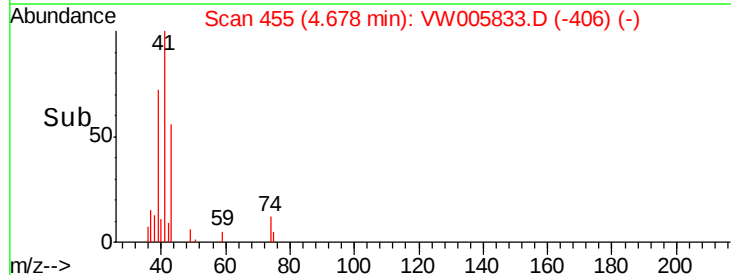
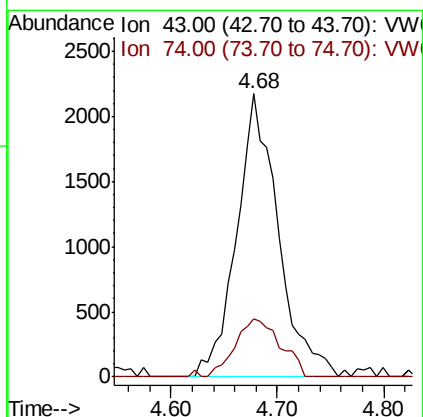
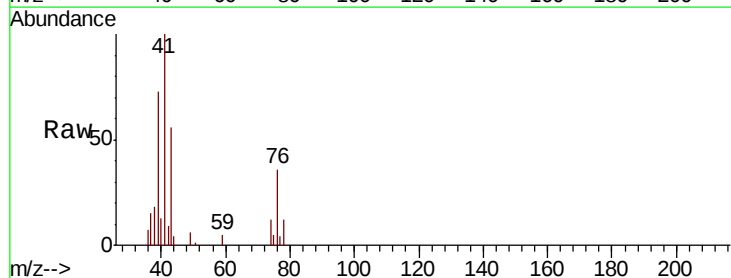
Instrument :
MSVOA_W
ClientSampled :

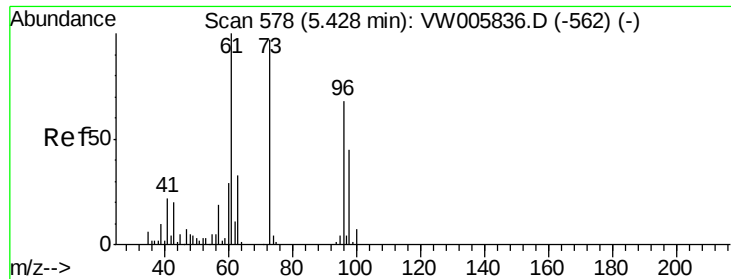
Tgt Ion: 76 Resp: 29164
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 5.744 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 43 Resp: 5944
Ion Ratio Lower Upper
43 100
74 22.4 19.5 29.3

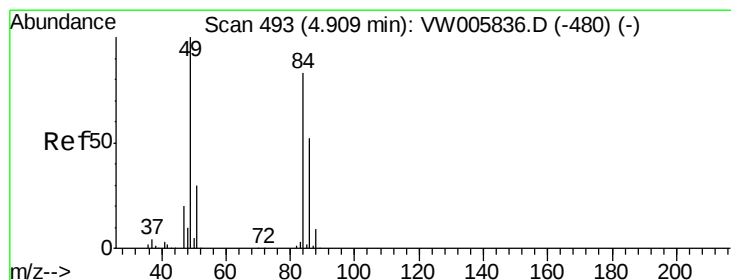
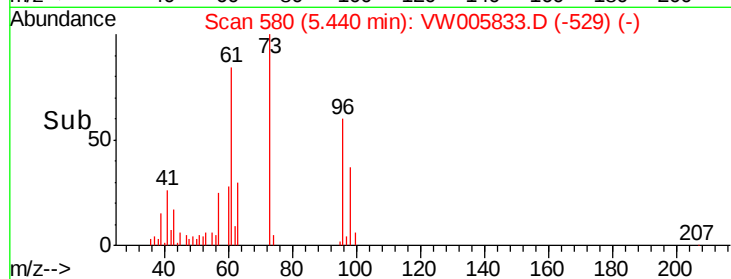
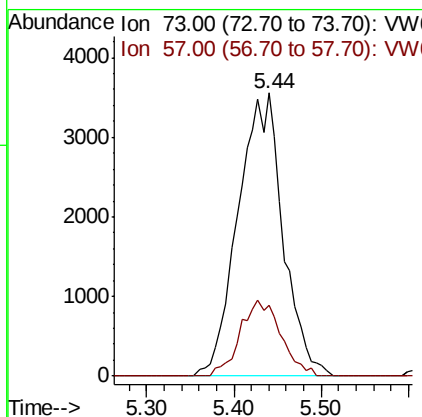
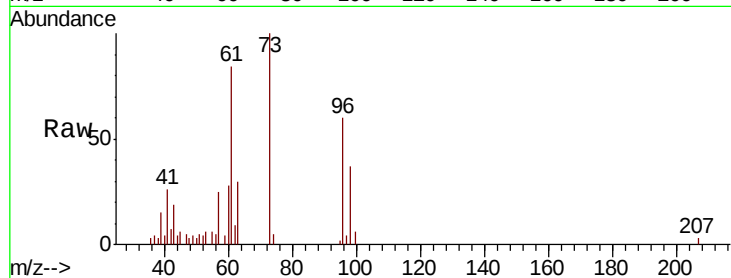




#19
Methyl tert-butyl Ether
Concen: 4.851 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

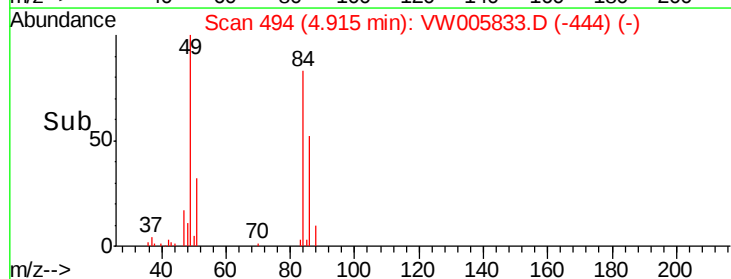
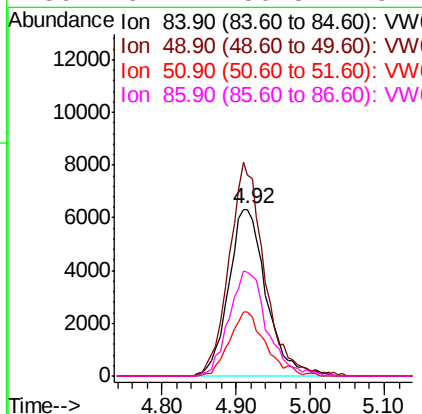
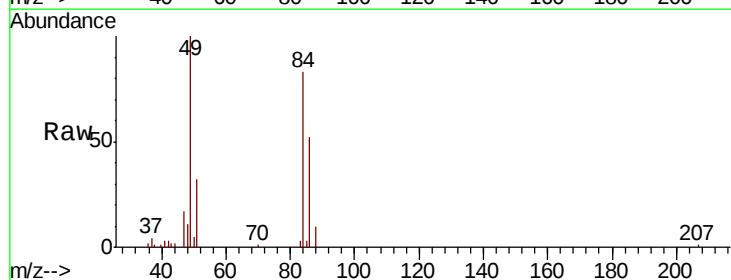
Instrument :
MSVOA_W
ClientSampled :

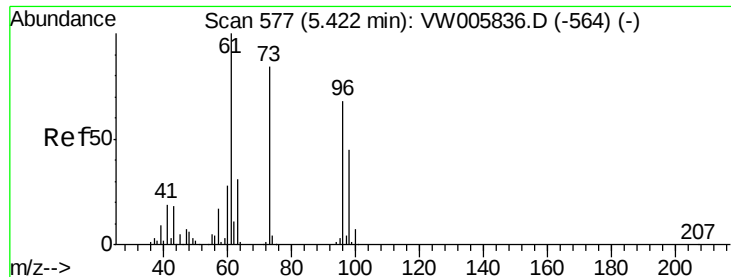
Tgt Ion: 73 Resp: 12665
Ion Ratio Lower Upper
73 100
57 25.2 15.9 23.9#



#20
Methylene Chloride
Concen: 10.277 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 84 Resp: 22321
Ion Ratio Lower Upper
84 100
49 120.5 96.8 145.2
51 38.6 28.8 43.2
86 62.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 5.080 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

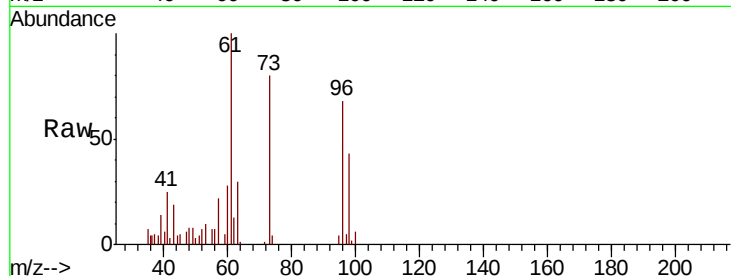
Tgt Ion: 96 Resp: 9301

Ion Ratio Lower Upper

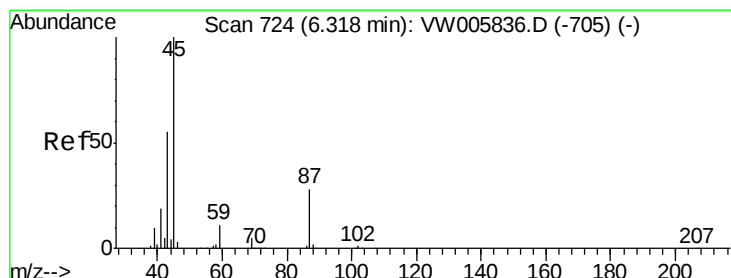
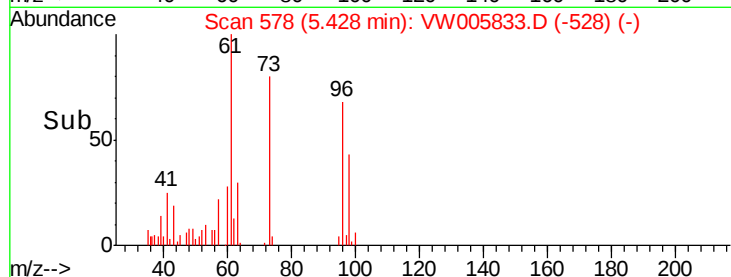
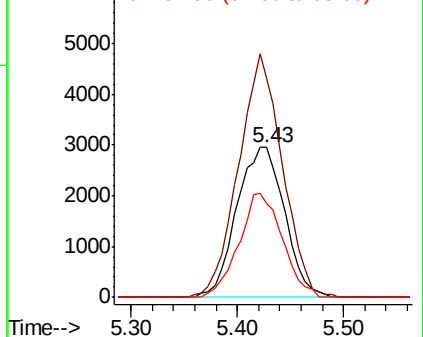
96 100

61 146.2 117.0 175.6

98 62.5 52.2 78.2



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



#22

Diisopropyl ether

Concen: 4.512 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Tgt Ion: 45 Resp: 25304

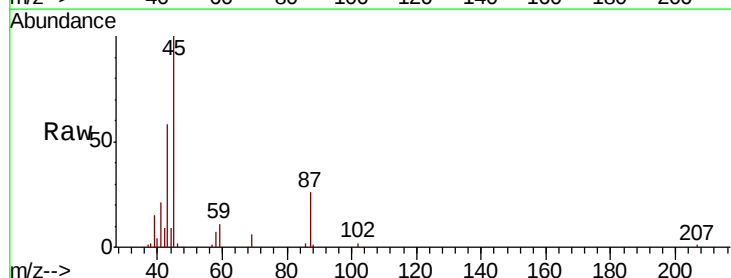
Ion Ratio Lower Upper

45 100

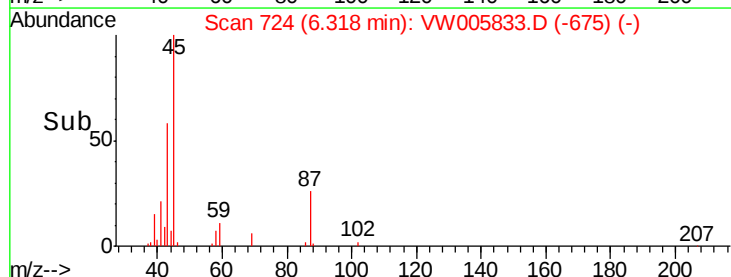
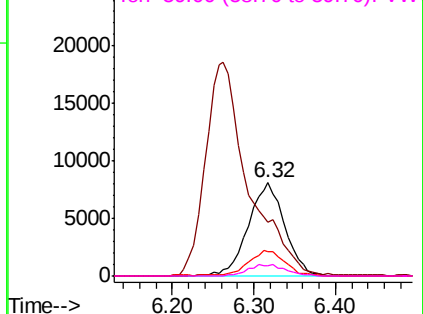
43 56.9 44.6 67.0

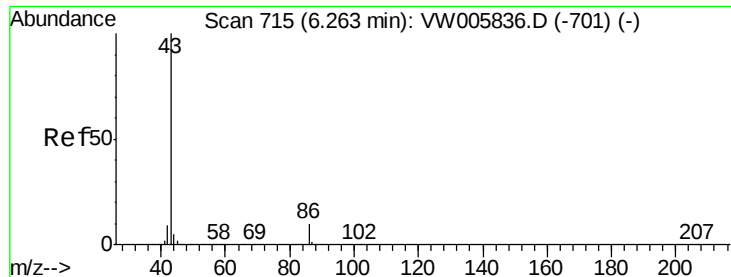
87 25.6 23.4 35.2

59 10.7 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 21.131 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

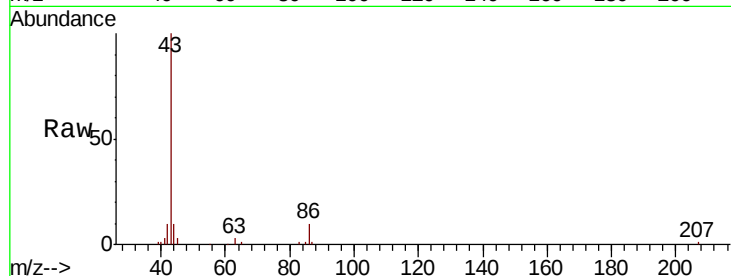
ClientSampleId :

Tgt Ion: 43 Resp: 68100

Ion Ratio Lower Upper

43 100

86 10.3 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

20000

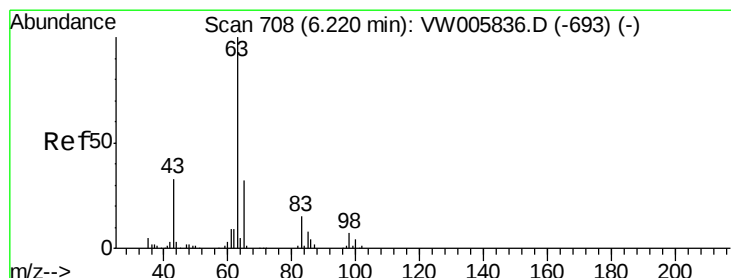
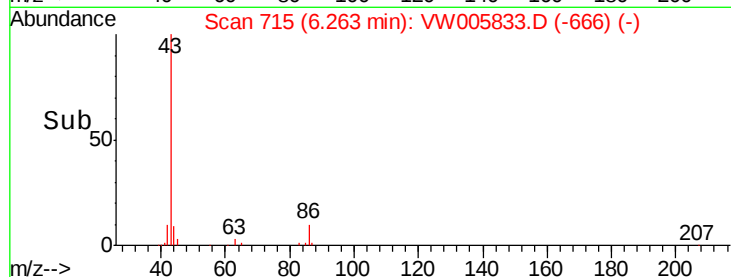
15000

10000

5000

0

Time--> 6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 5.271 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

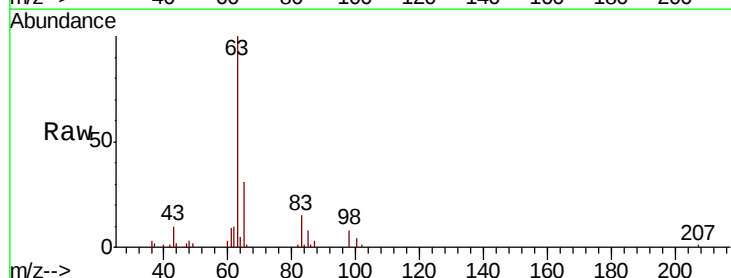
Tgt Ion: 63 Resp: 18356

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

8000

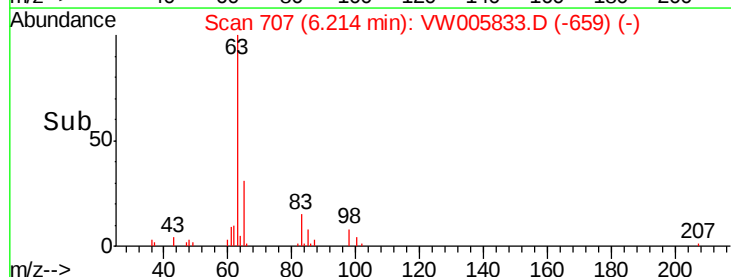
6000

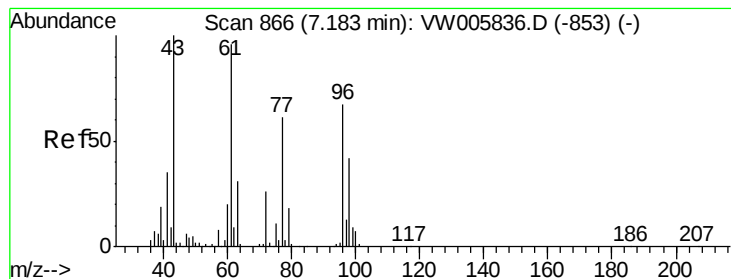
4000

2000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 24.927 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

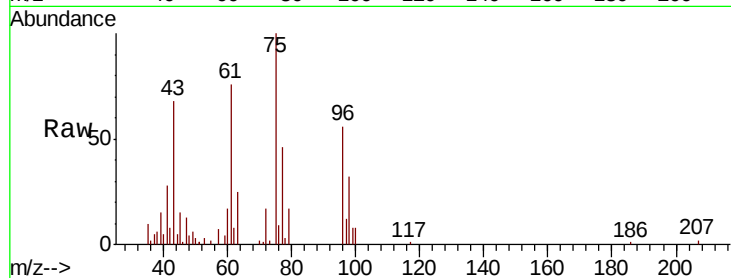
ClientSampleId :

Tgt Ion: 43 Resp: 13136

Ion Ratio Lower Upper

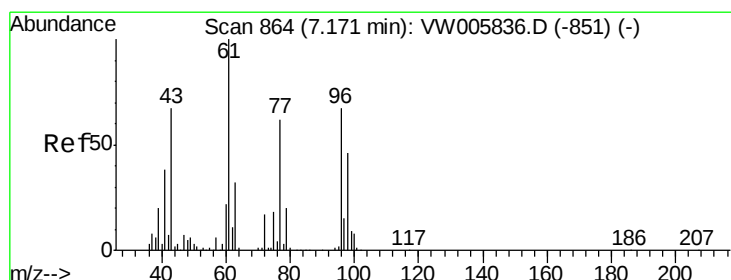
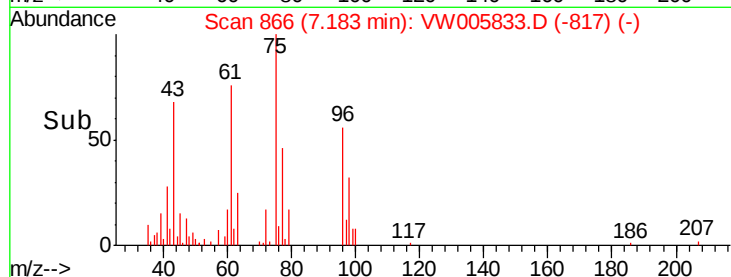
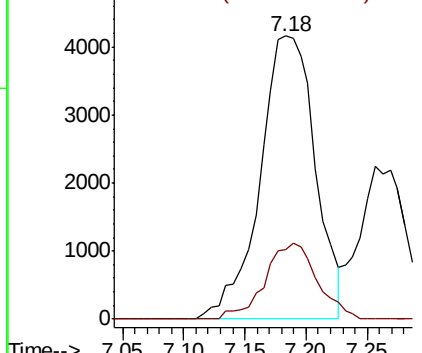
43 100

72 24.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 5.243 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005833.D

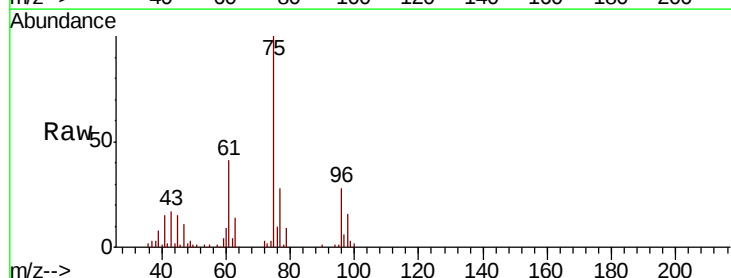
Acq: 04 Oct 2018 03:12

Tgt Ion: 77 Resp: 12501

Ion Ratio Lower Upper

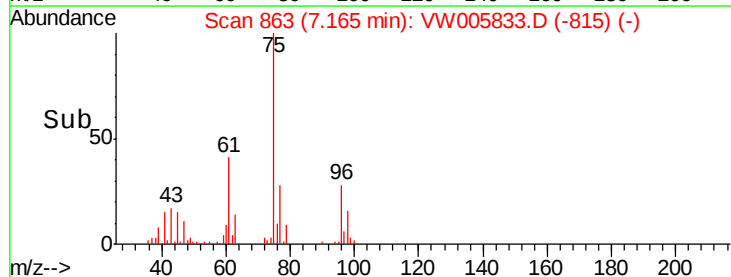
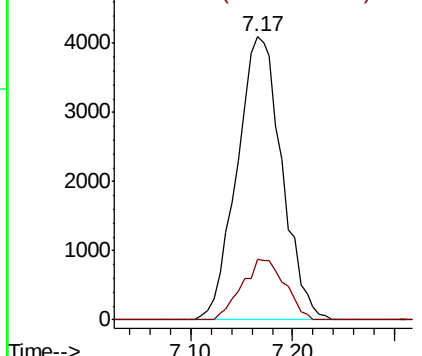
77 100

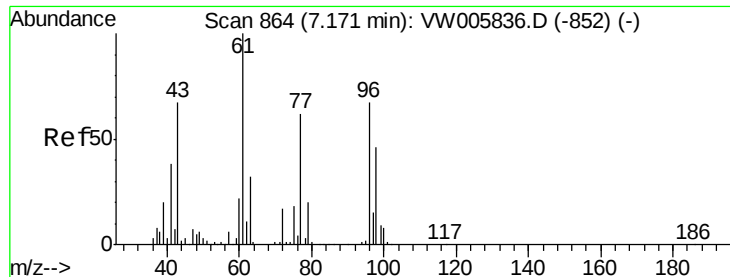
97 20.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



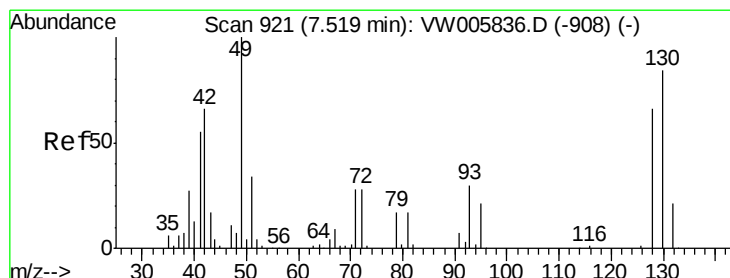
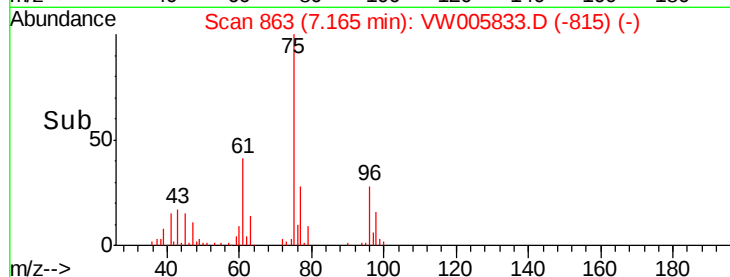
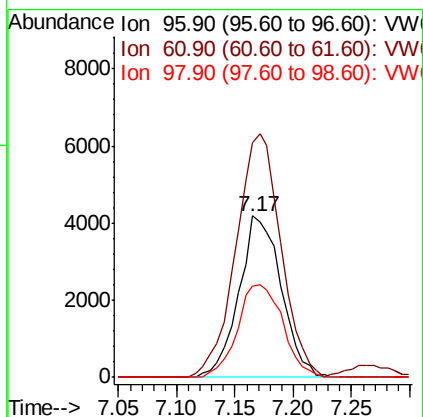
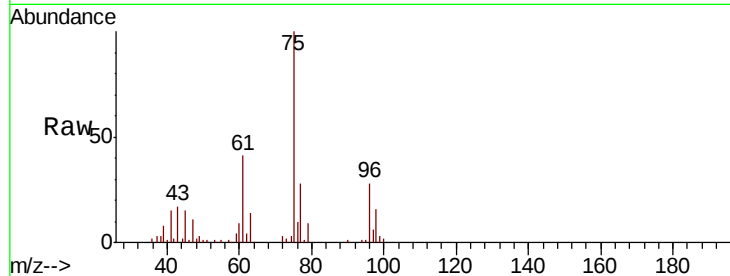


#27

cis-1,2-Dichloroethene
Concen: 5.244 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Instrument :
MSVOA_W
ClientSampleId :

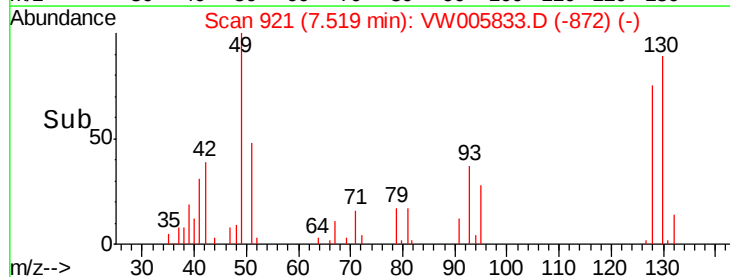
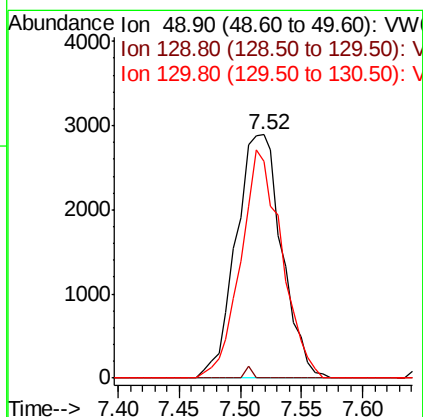
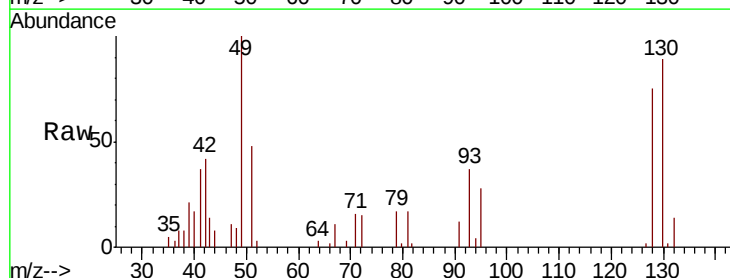
Tgt Ion	Resp	Lower	Upper
96	10566		
61	159.8	0.0	296.4
98	61.3	0.0	131.4

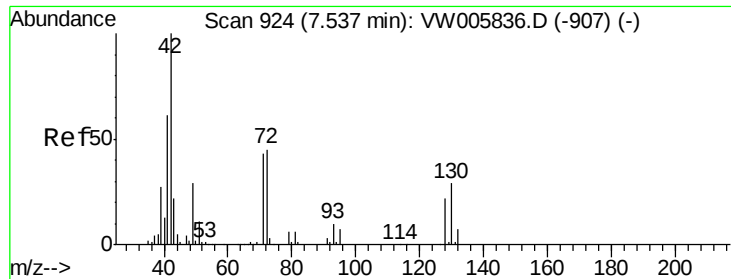


#28

Bromochloromethane
Concen: 5.553 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion	Resp	Lower	Upper
49	7519		
129	0.7	0.0	2.2
130	83.9	66.4	99.6

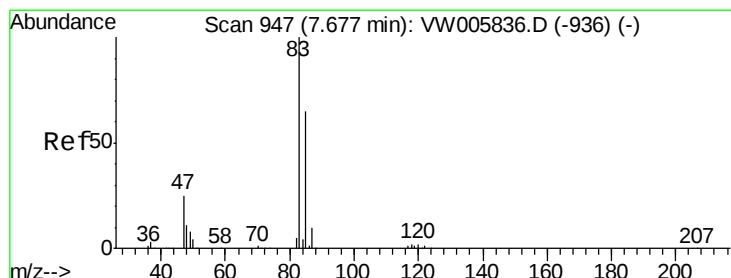
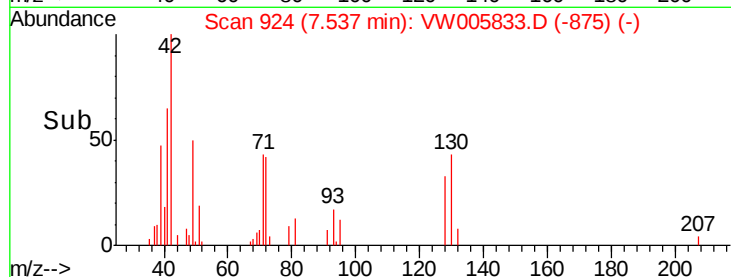
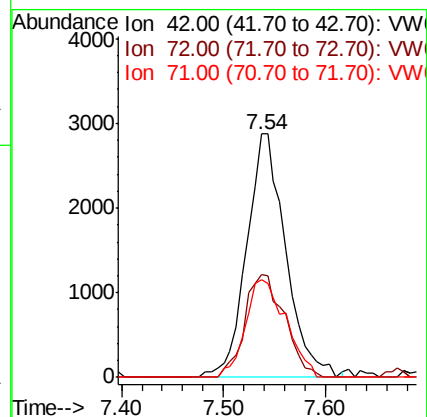
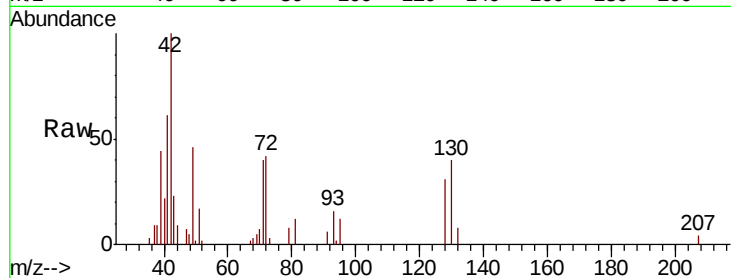




#29
Tetrahydrofuran
Concen: 23.215 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

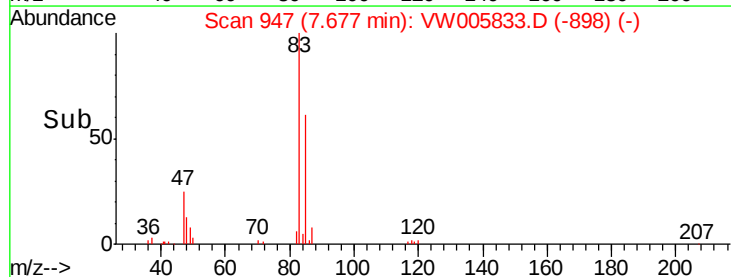
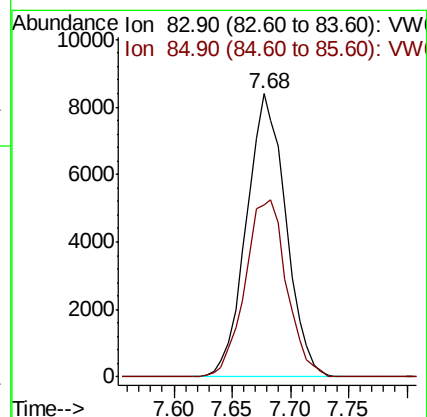
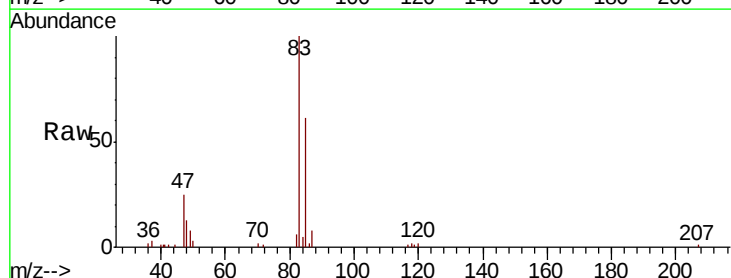
Instrument :
MSVOA_W
ClientSampleId :

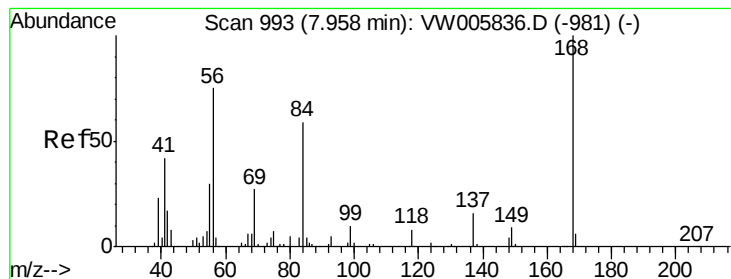
Tgt Ion: 42 Resp: 7659
Ion Ratio Lower Upper
42 100
72 43.0 34.6 51.8
71 41.4 33.6 50.4



#30
Chloroform
Concen: 5.473 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 83 Resp: 19768
Ion Ratio Lower Upper
83 100
85 60.8 51.6 77.4





#31

Cyclohexane

Concen: 5.225 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

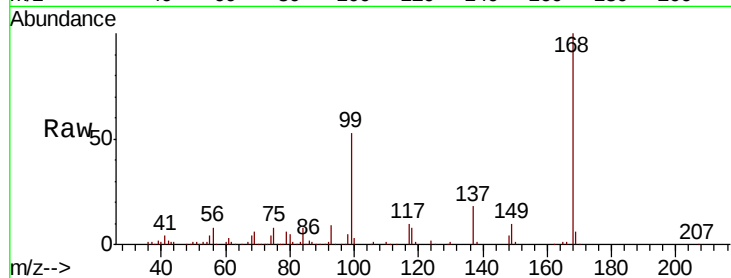
Tgt Ion: 56 Resp: 17262

Ion Ratio Lower Upper

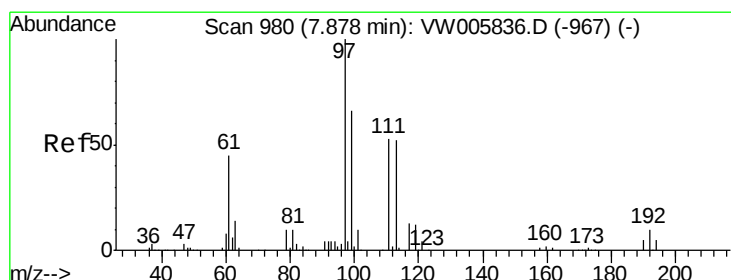
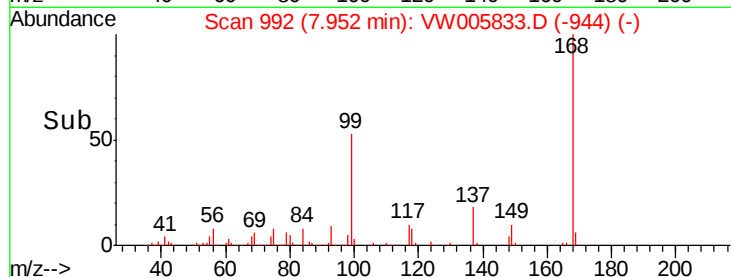
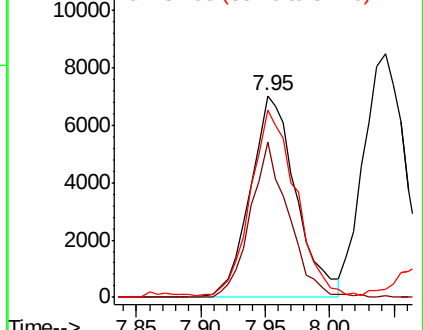
56 100

69 76.6 29.0 43.4#

84 91.4 63.5 95.3



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: 5.105 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

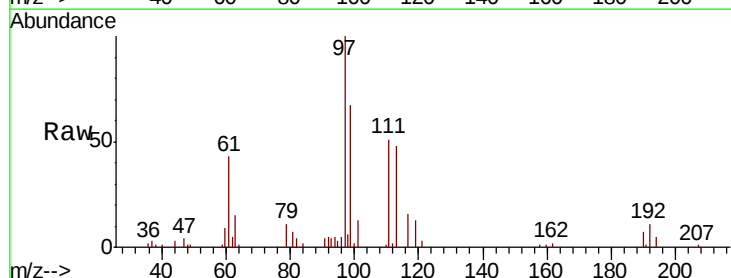
Tgt Ion: 97 Resp: 16200

Ion Ratio Lower Upper

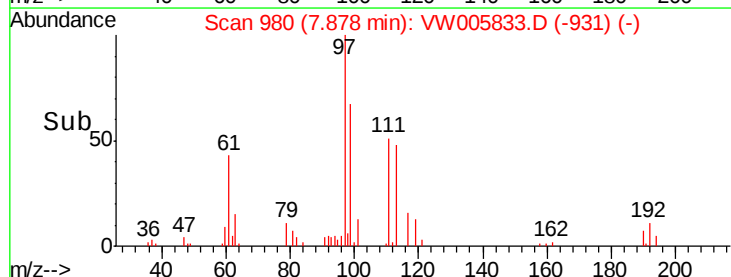
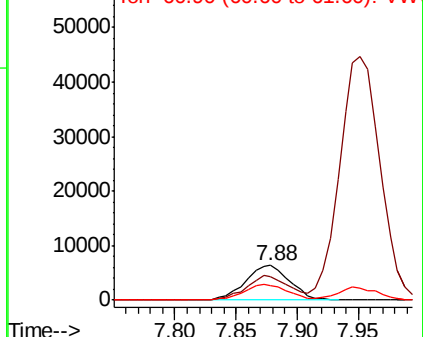
97 100

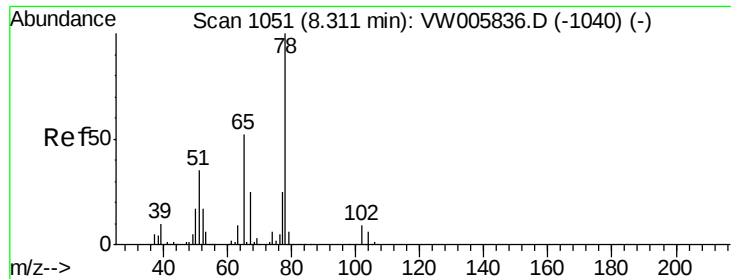
99 67.7 51.2 76.8

61 45.1 35.5 53.3



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

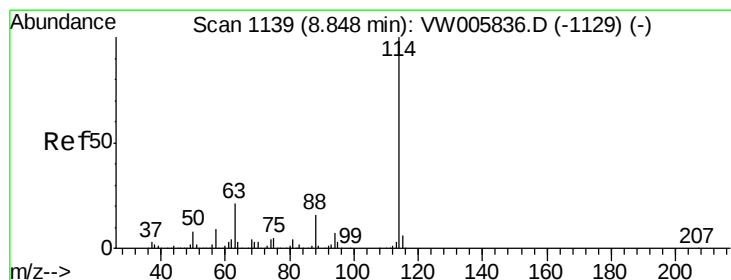
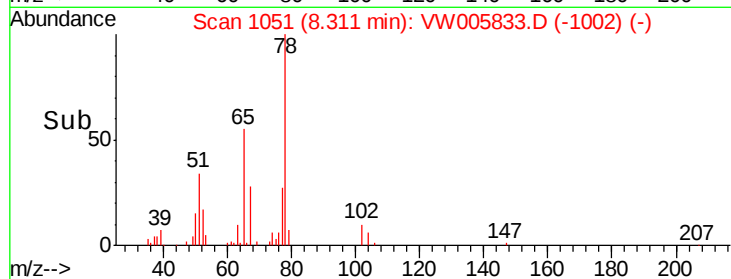
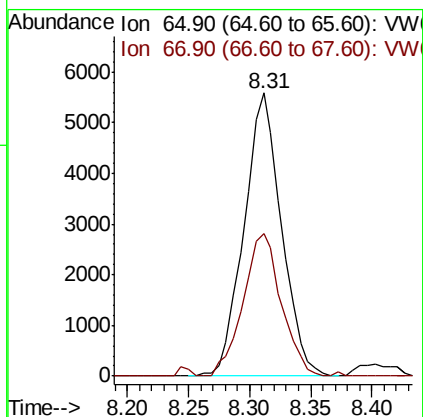
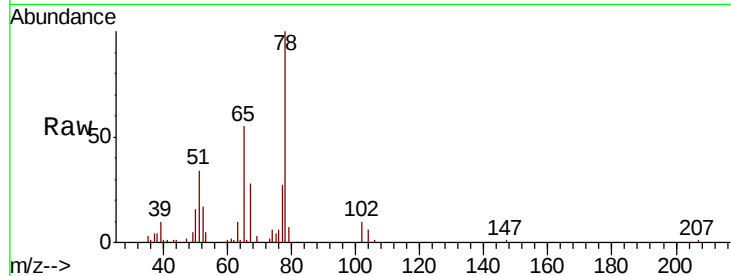




#33
 1,2-Dichloroethane-d4
 Concen: 5.533 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

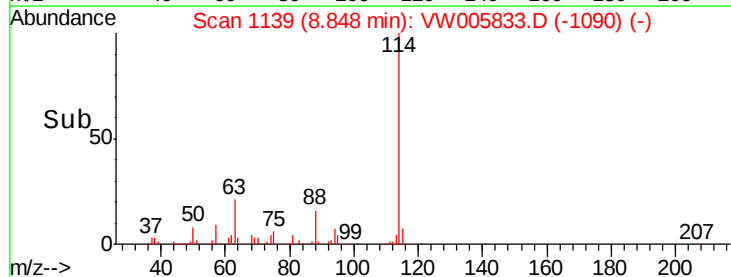
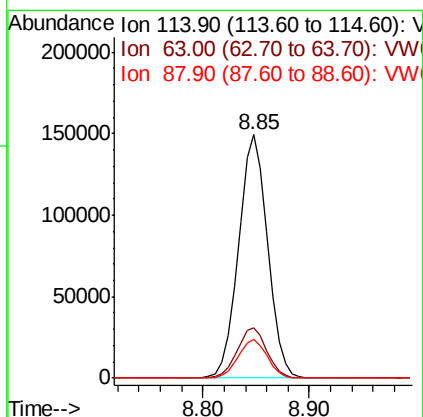
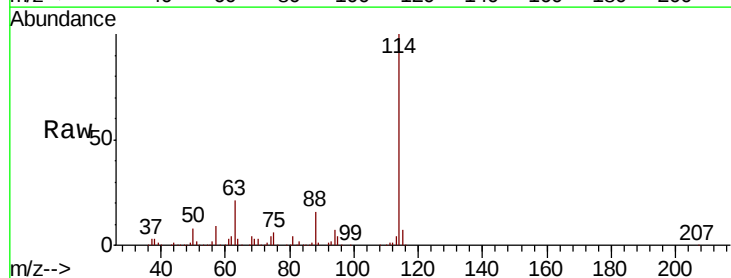
Instrument :
 MSVOA_W
 ClientSampleId :

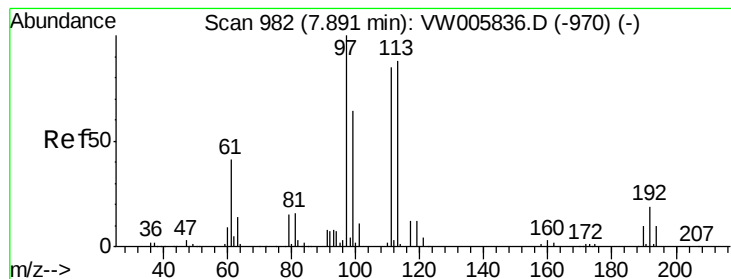
Tgt Ion: 65 Resp: 11885
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion: 114 Resp: 285445
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.0
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 5.410 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

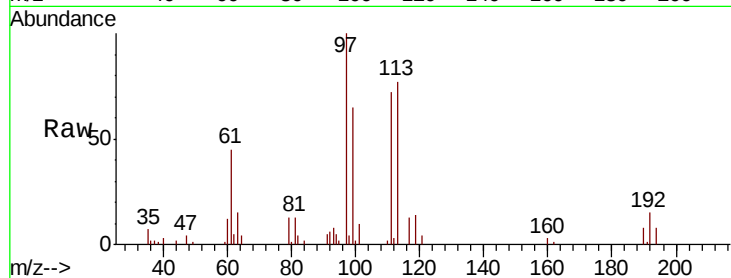
Tgt Ion:113 Resp: 9781

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.2

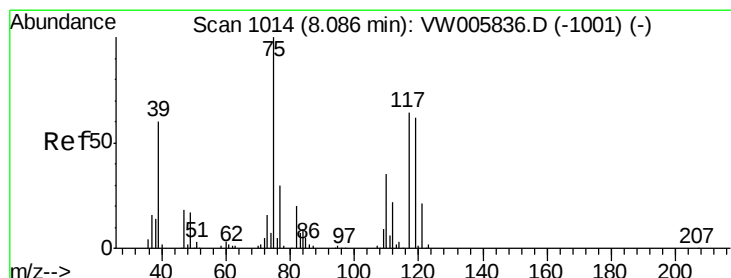
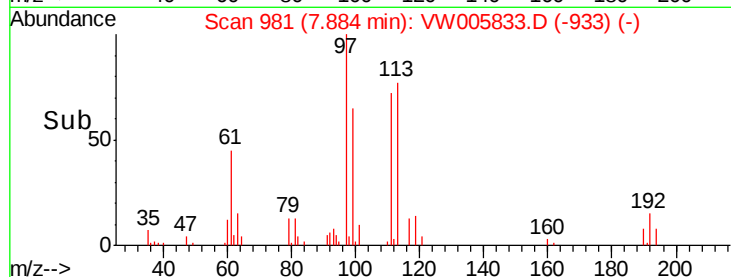
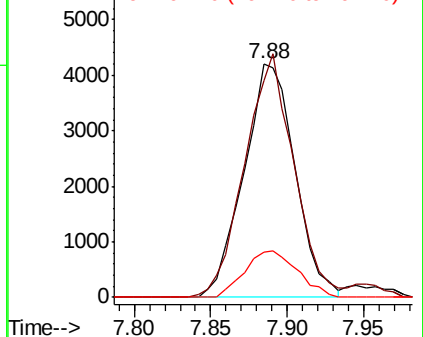
192 20.4 17.3 25.9



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: 4.791 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

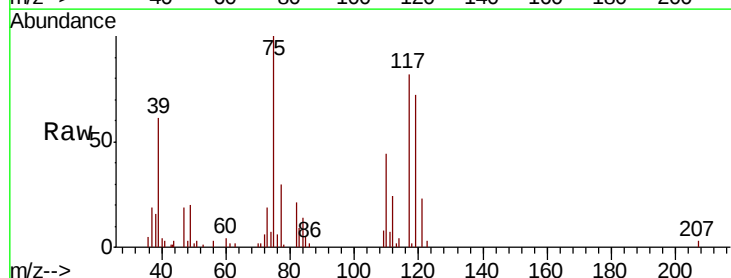
Tgt Ion: 75 Resp: 13864

Ion Ratio Lower Upper

75 100

110 35.3 17.5 52.6

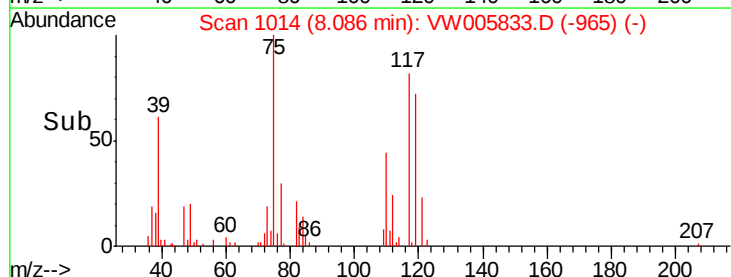
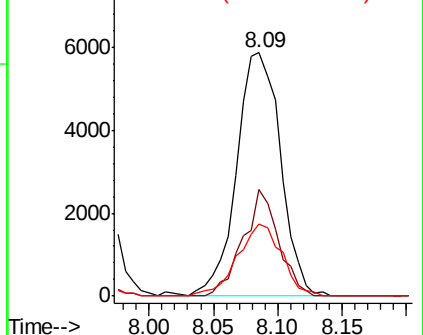
77 29.8 24.8 37.2

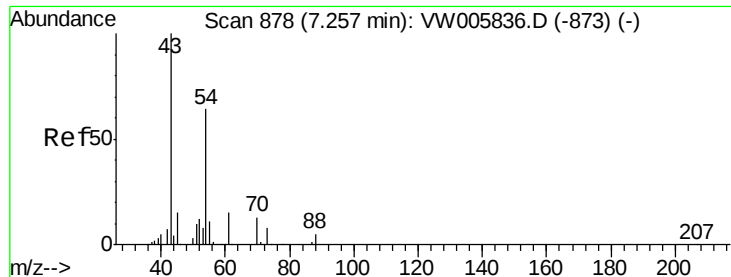


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

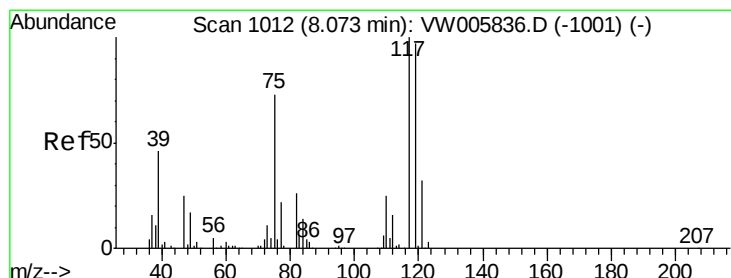
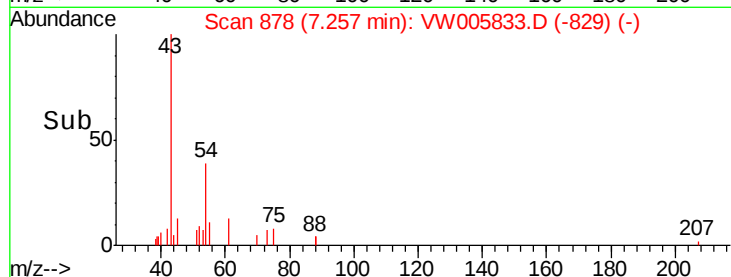
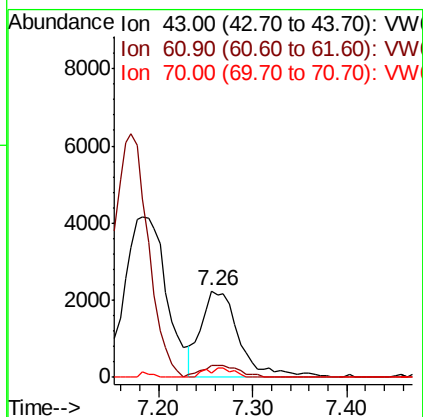
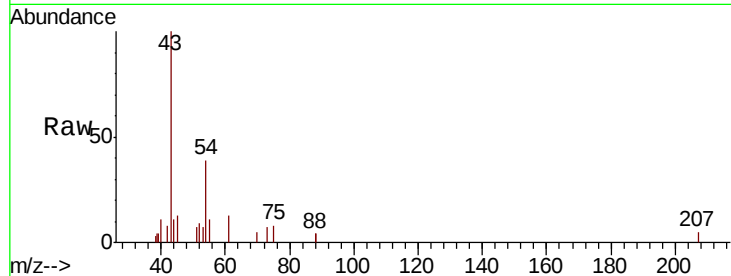




#37
Ethyl Acetate
Concen: 5.173 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

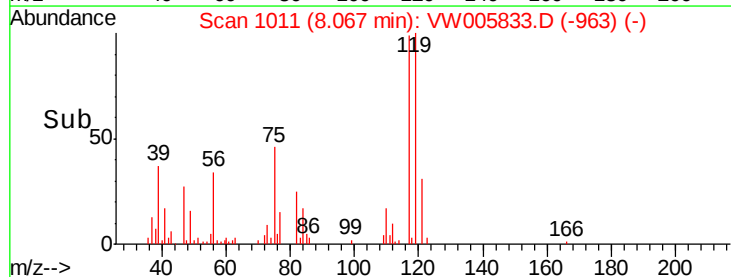
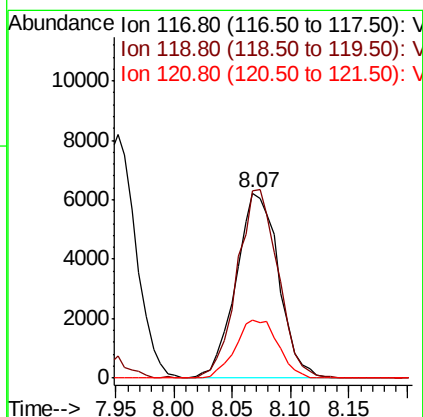
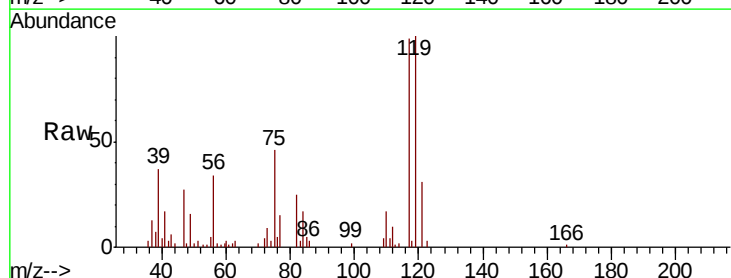
Instrument :
MSVOA_W
ClientSampleId :

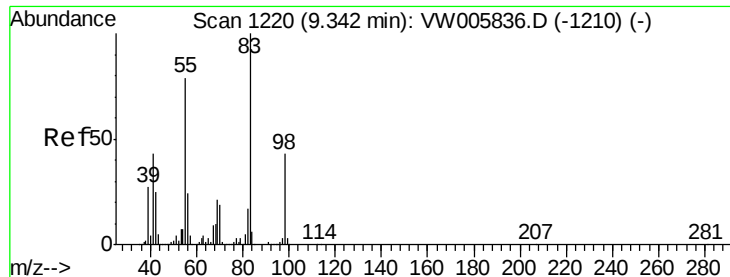
Tgt Ion: 43 Resp: 6343
Ion Ratio Lower Upper
43 100
61 13.7 11.2 16.8
70 7.8 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 5.117 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 117 Resp: 15884
Ion Ratio Lower Upper
117 100
119 101.3 77.9 116.9
121 31.7 25.2 37.8

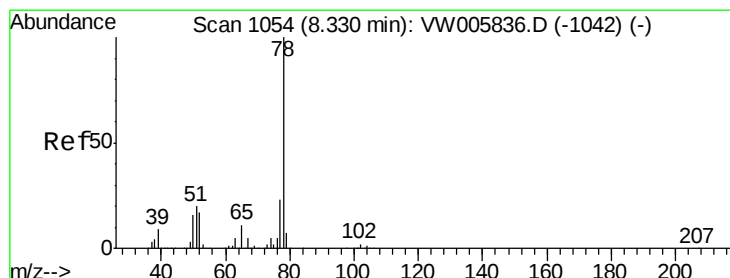
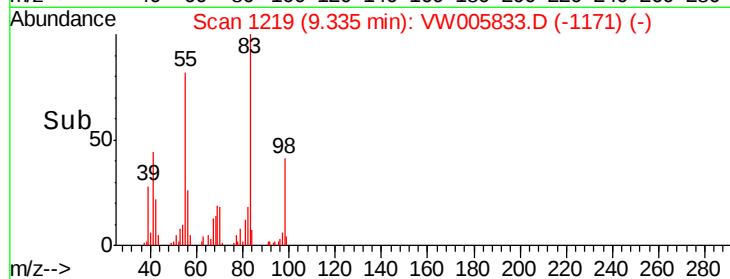
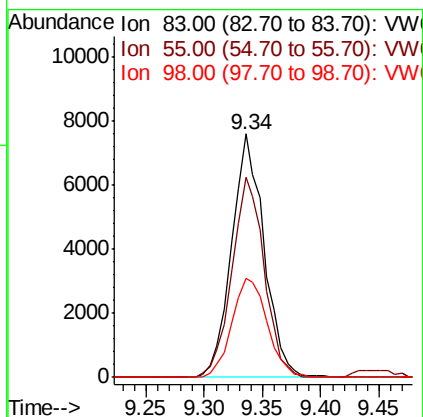
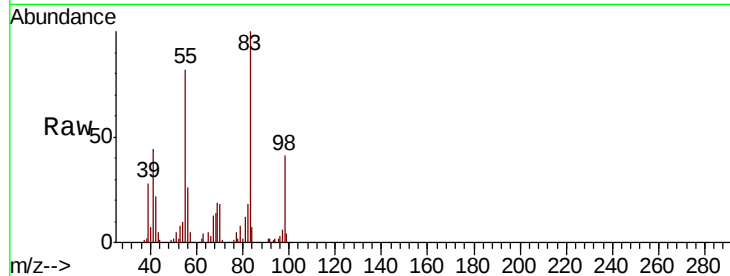




#39
Methylcyclohexane
Concen: 4.345 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

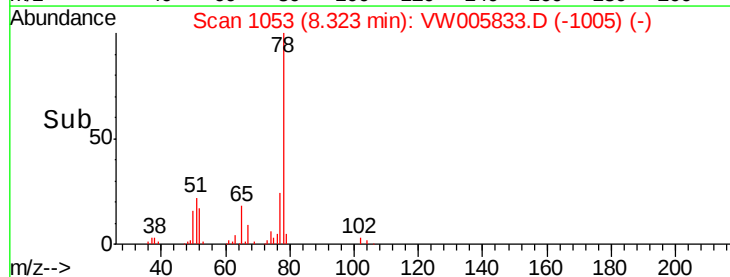
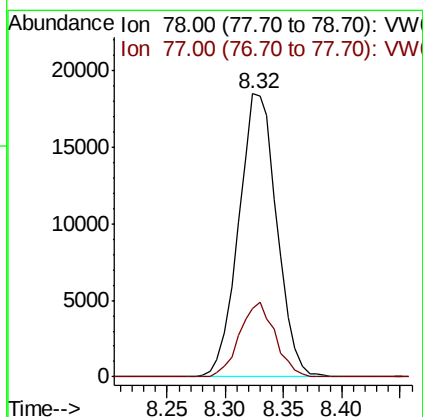
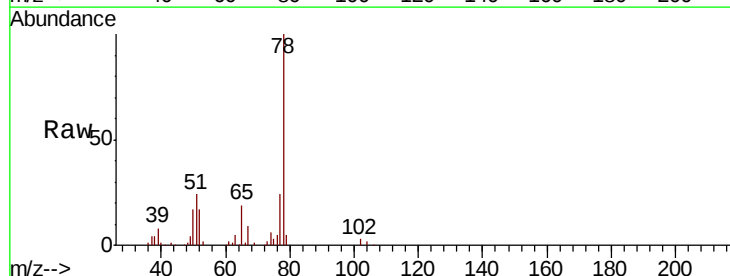
Instrument :
MSVOA_W
ClientSampleId :

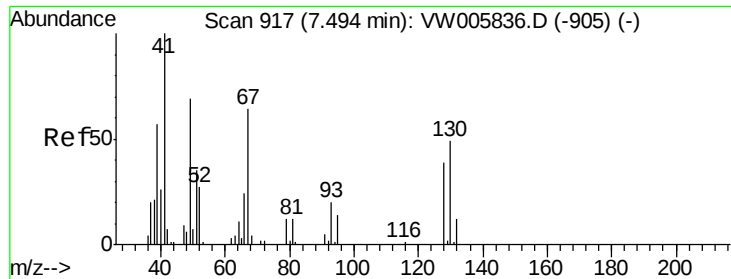
Tgt Ion: 83 Resp: 14781
Ion Ratio Lower Upper
83 100
55 82.1 63.0 94.4
98 40.8 34.5 51.7



#40
Benzene
Concen: 5.116 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 78 Resp: 42087
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0





#41

Methacrylonitrile

Concen: 4.846 ug/l

RT: 7.49 min Scan# 917

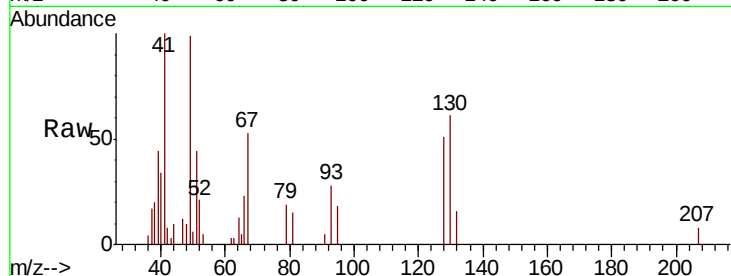
Delta R.T. -0.00 min

Lab File: VW005833.D

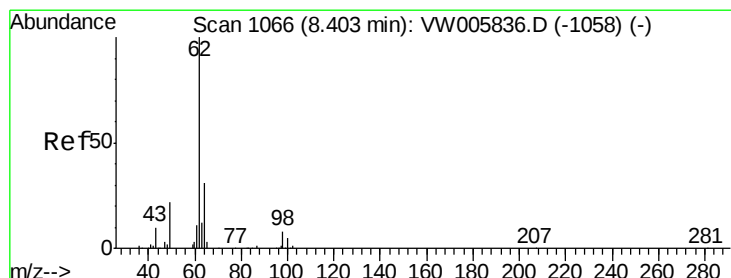
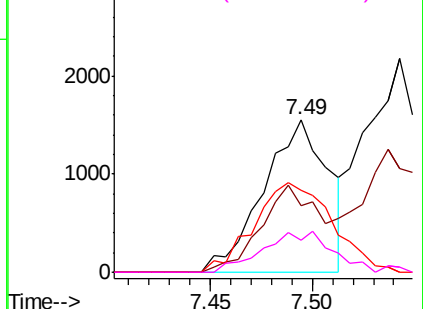
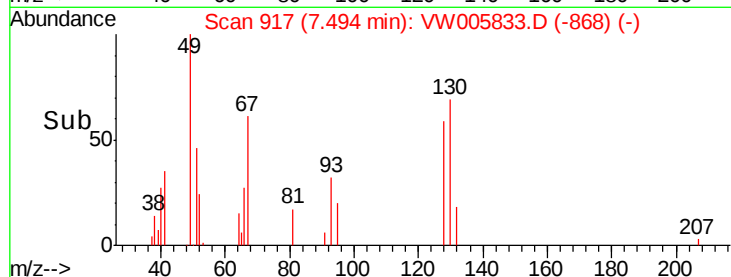
Acq: 04 Oct 2018 03:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	41	Resp:	3437
Ion	Ratio	Lower	Upper
41	100		
39	49.2	45.6	68.4
67	70.7	53.6	80.4
52	29.7	23.9	35.9



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: 5.379 ug/l

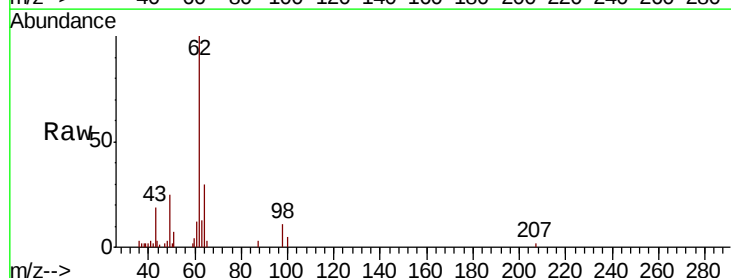
RT: 8.41 min Scan# 1067

Delta R.T. 0.01 min

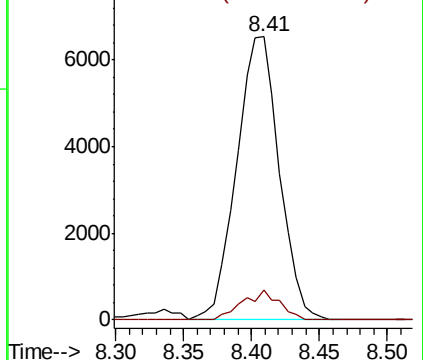
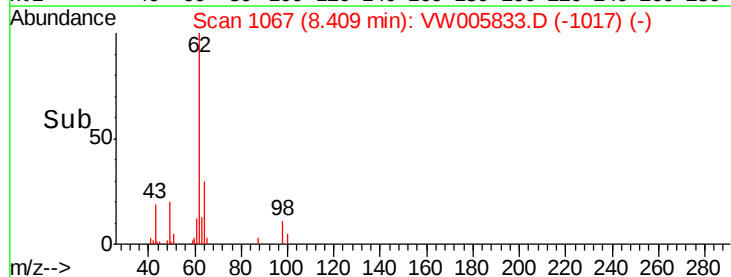
Lab File: VW005833.D

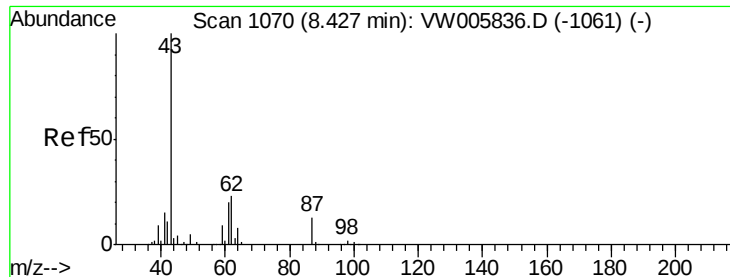
Acq: 04 Oct 2018 03:12

Tgt Ion:	62	Resp:	14335
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.2



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





#43

Isopropyl Acetate

Concen: 4.644 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

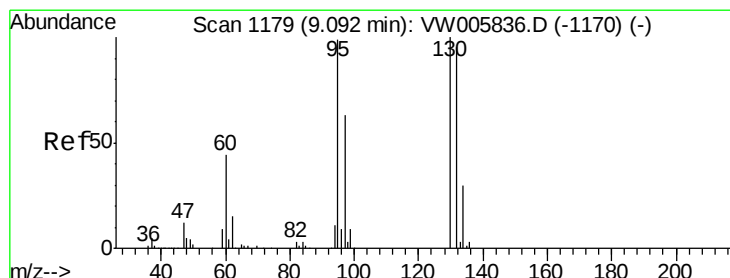
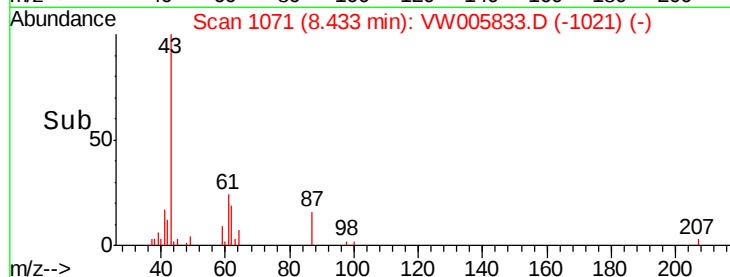
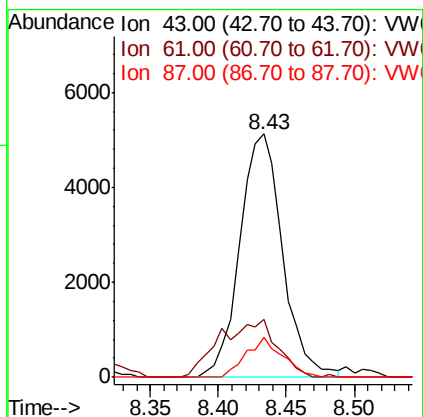
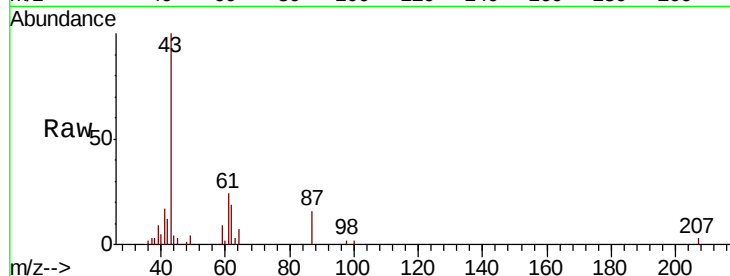
Tgt Ion: 43 Resp: 11258

Ion Ratio Lower Upper

43 100

61 31.6 24.1 36.1

87 13.8 10.6 16.0



#44

Trichloroethene

Concen: 5.104 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW005833.D

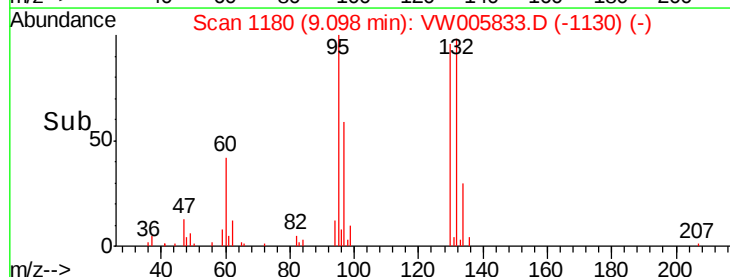
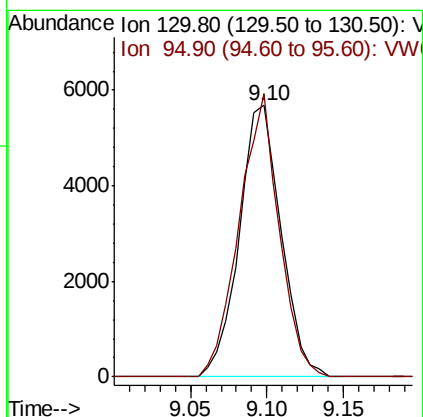
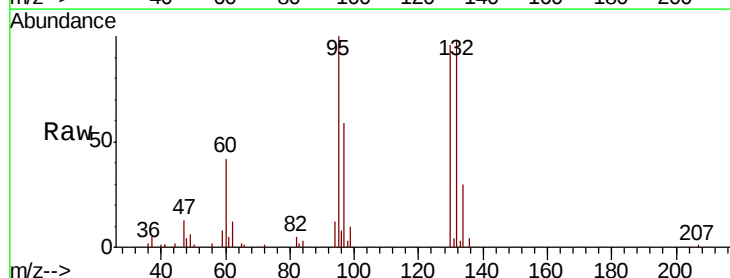
Acq: 04 Oct 2018 03:12

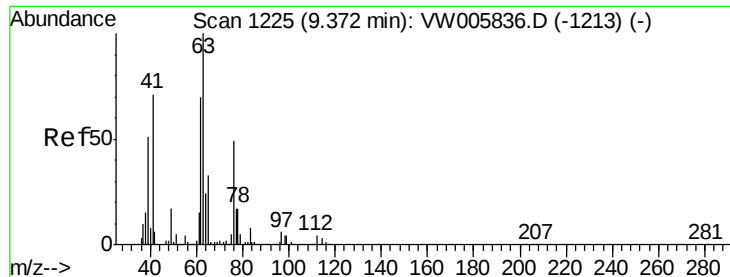
Tgt Ion: 130 Resp: 10785

Ion Ratio Lower Upper

130 100

95 104.2 0.0 197.6

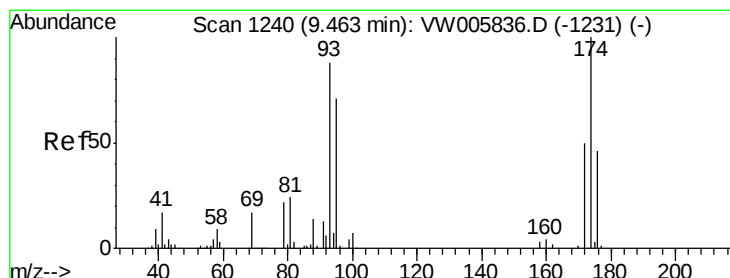
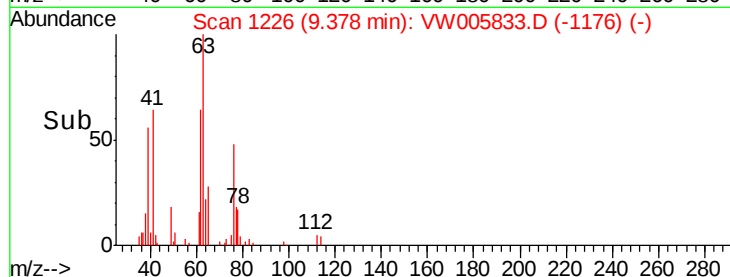
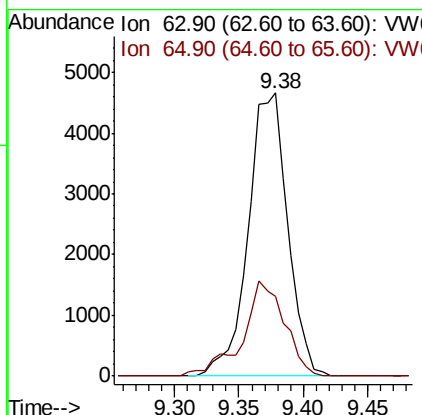
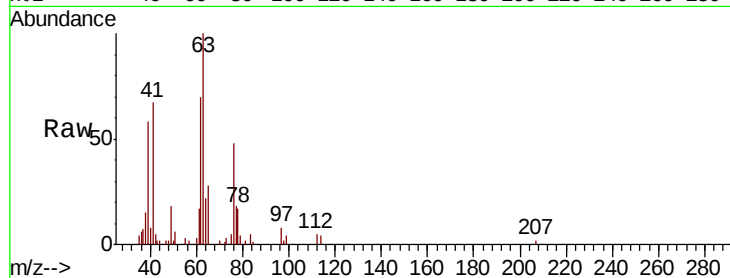




#45
 1,2-Dichloropropane
 Concen: 4.927 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

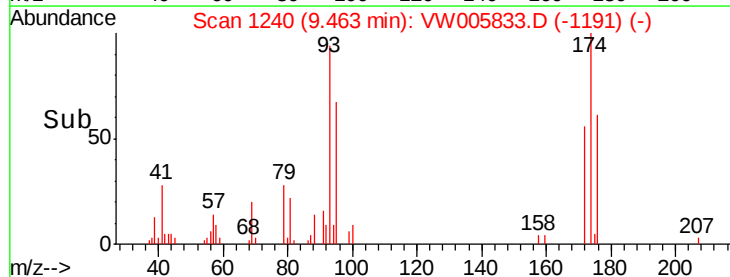
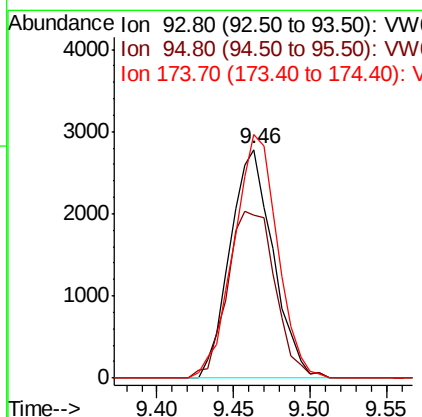
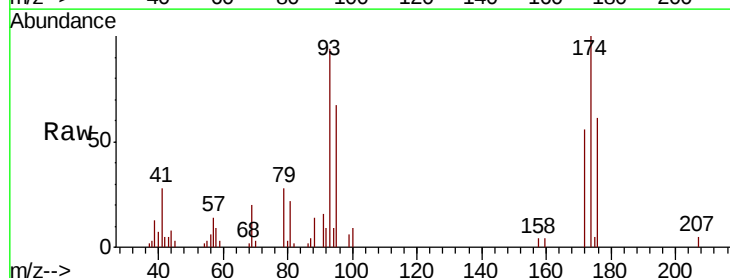
Instrument :
 MSVOA_W
 ClientSampled :

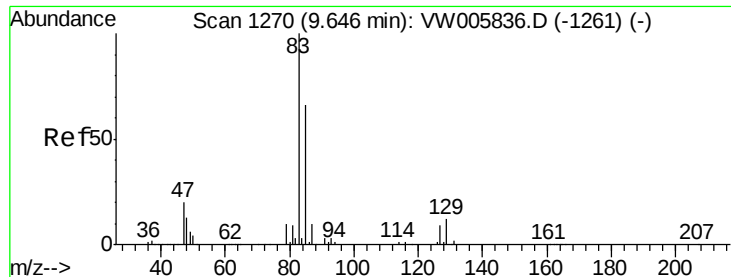
Tgt Ion: 63 Resp: 9873
 Ion Ratio Lower Upper
 63 100
 65 28.4 26.1 39.1



#46
 Dibromomethane
 Concen: 5.313 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion: 93 Resp: 5430
 Ion Ratio Lower Upper
 93 100
 95 80.7 65.9 98.9
 174 108.5 88.4 132.6





#47

Bromodichloromethane

Concen: 5.166 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

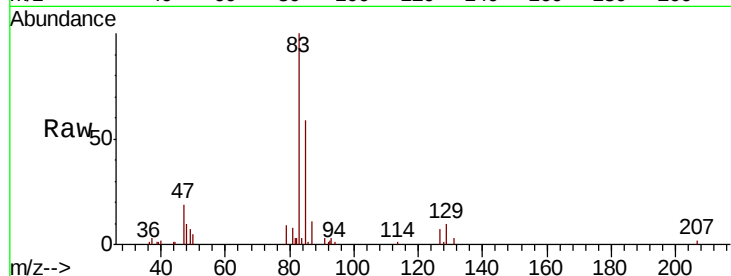
Tgt Ion: 83 Resp: 14070

Ion Ratio Lower Upper

83 100

85 58.8 52.6 78.8

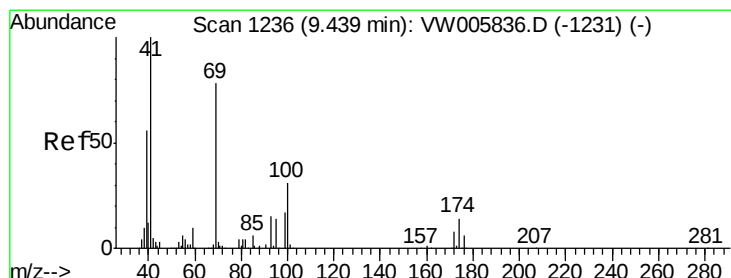
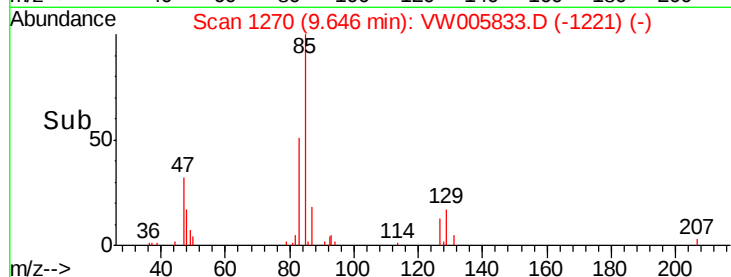
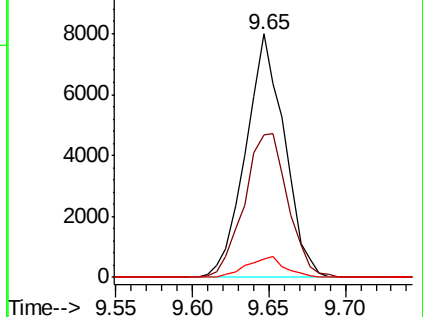
127 7.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 4.656 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

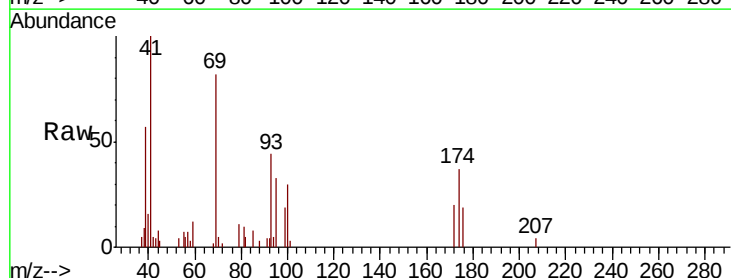
Tgt Ion: 41 Resp: 5368

Ion Ratio Lower Upper

41 100

69 82.4 66.4 99.6

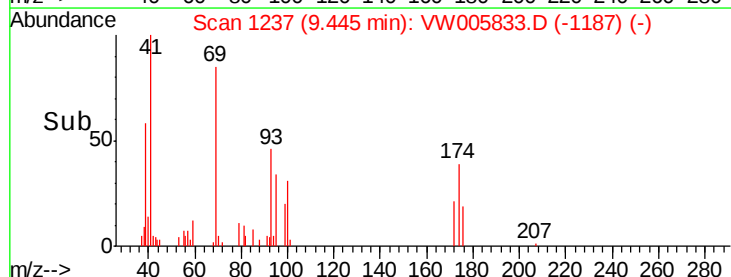
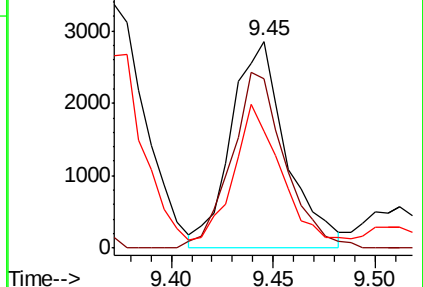
39 63.4 50.1 75.1

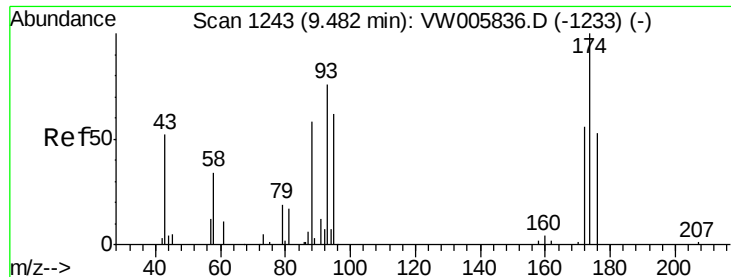


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

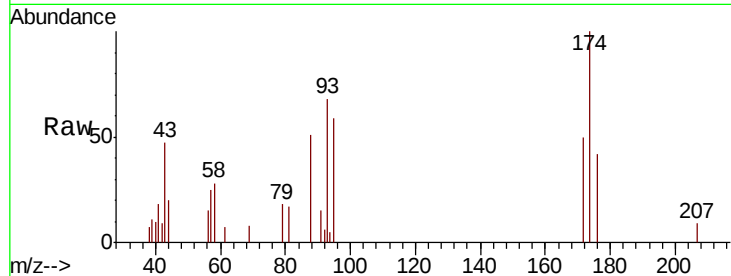




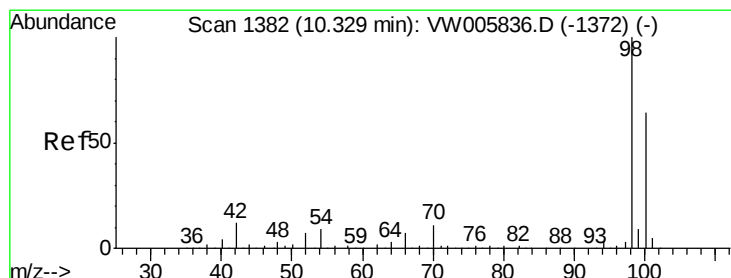
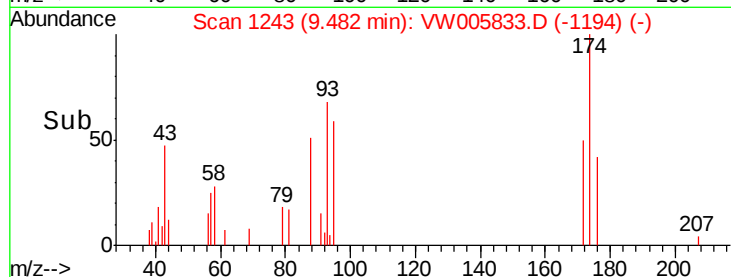
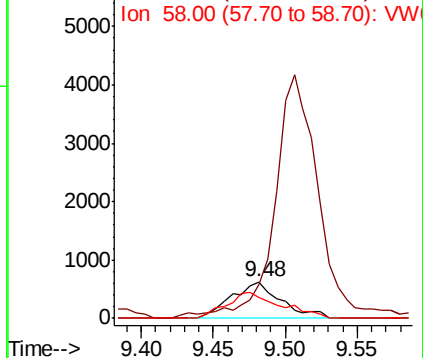
#49
1,4-Dioxane
Concen: 92.078 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 88 Resp: 1502
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.4 58.1 87.1

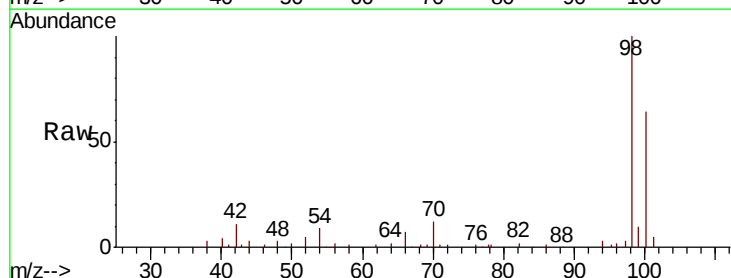


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

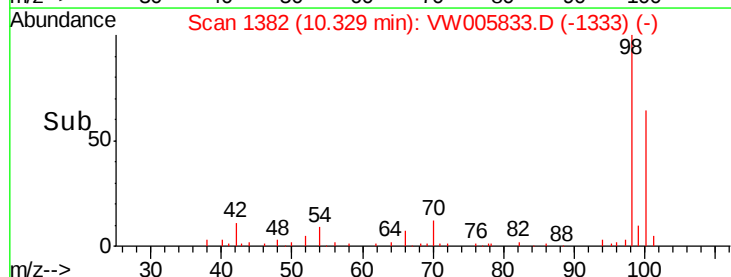
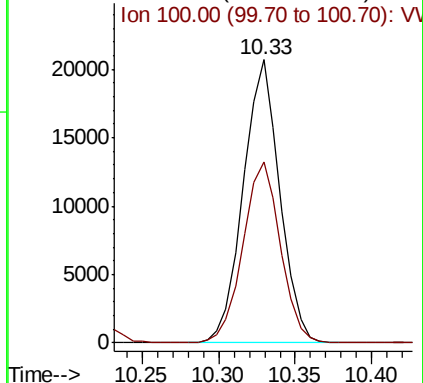


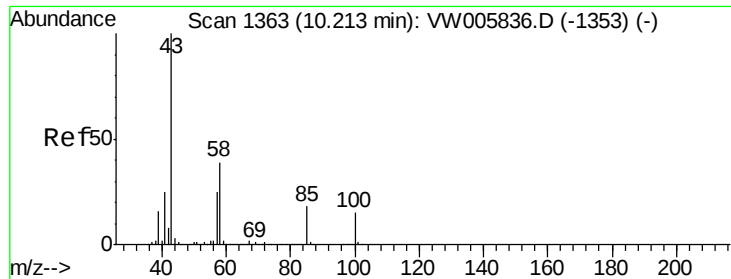
#50
Toluene-d8
Concen: 4.691 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 98 Resp: 34342
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

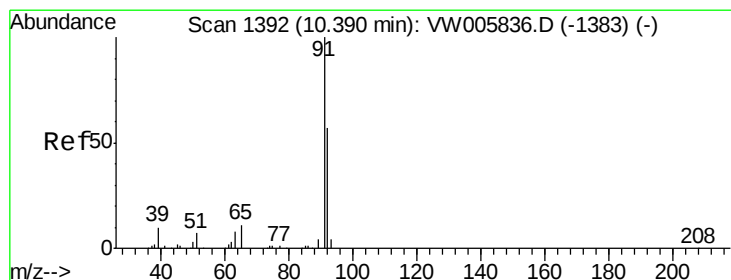
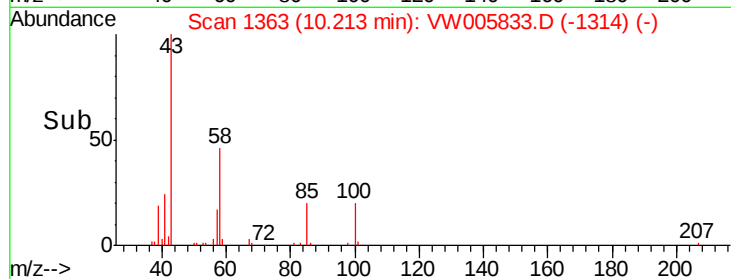
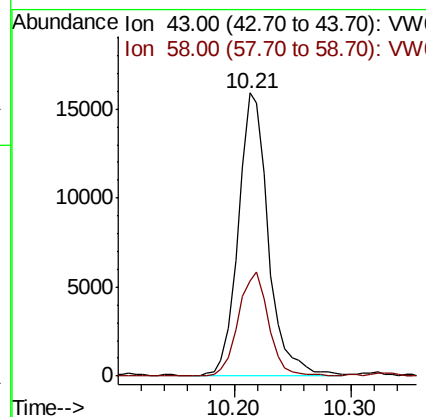
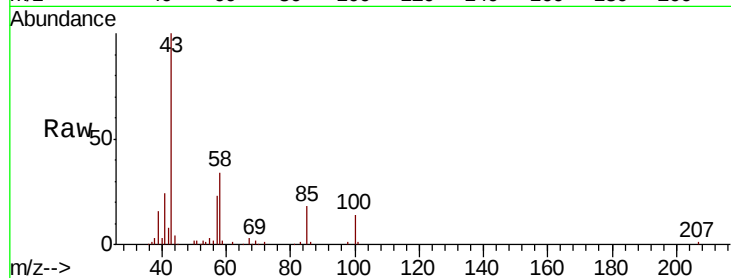




#51
 4-Methyl-2-Pentanone
 Concen: 23.384 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

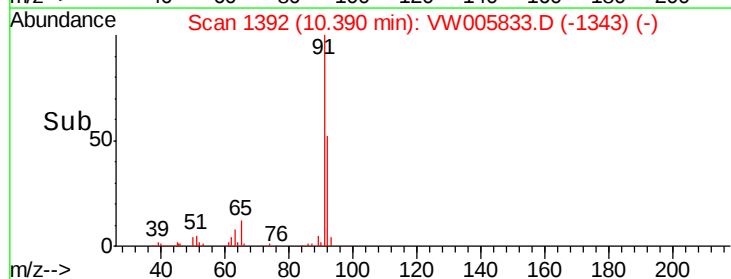
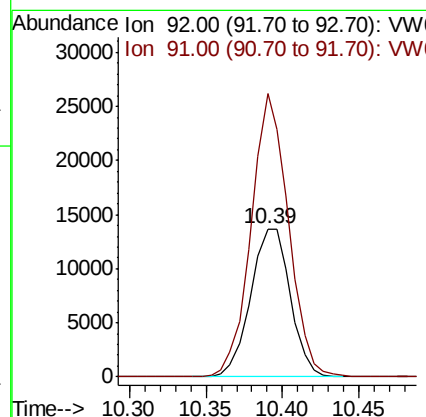
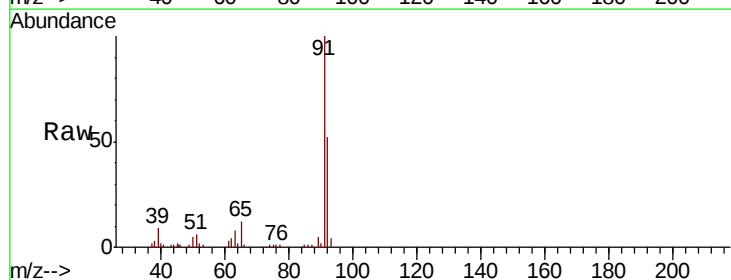
Instrument :
 MSVOA_W
 ClientSampleId :

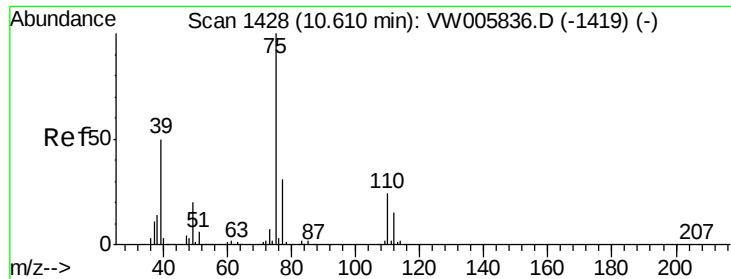
Tgt Ion: 43 Resp: 28647
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.6 45.8



#52
 Toluene
 Concen: 4.789 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion: 92 Resp: 24639
 Ion Ratio Lower Upper
 92 100
 91 179.5 139.0 208.4

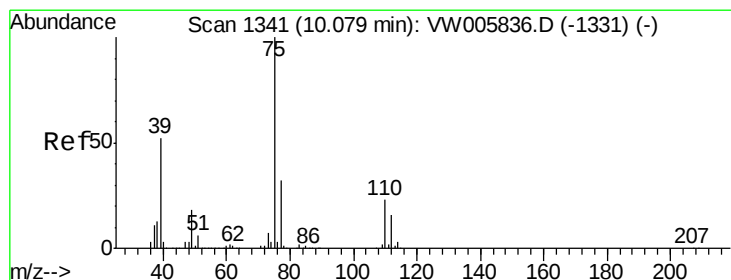
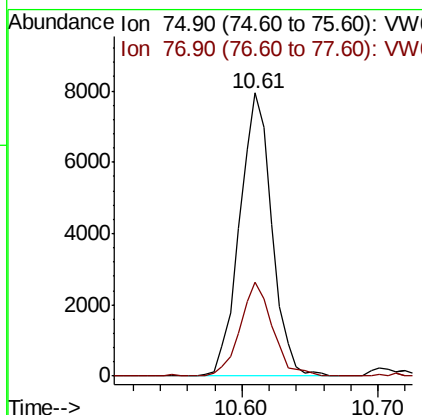
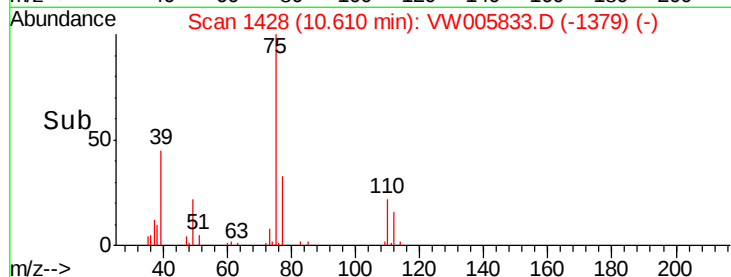
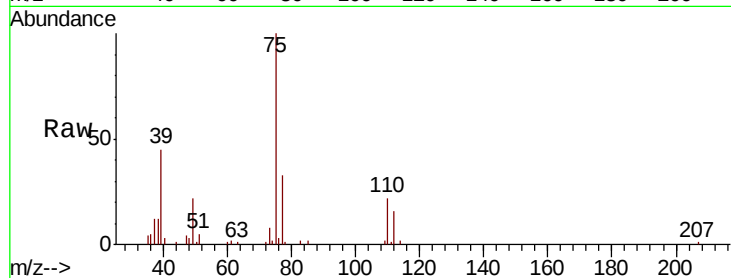




#53
 t-1,3-Dichloropropene
 Concen: 4.817 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

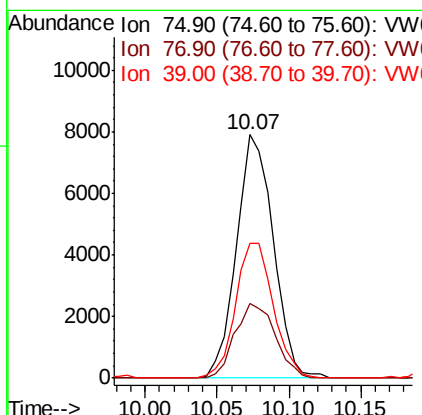
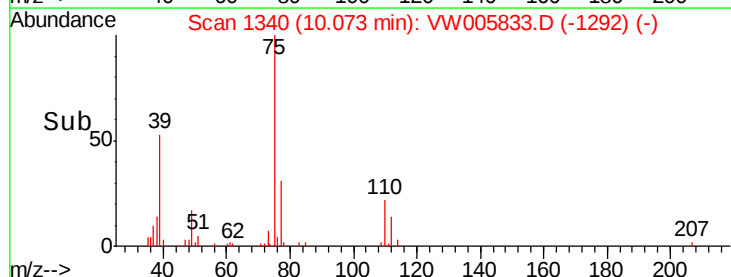
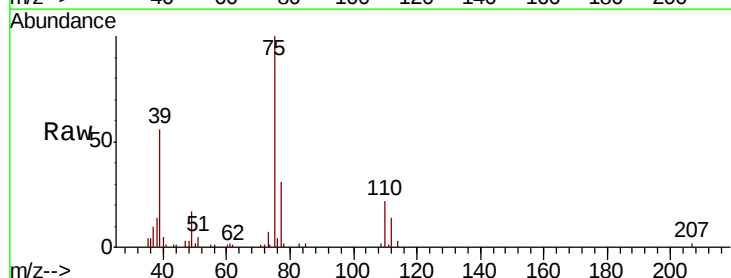
Instrument :
 MSVOA_W
 ClientSampleId :

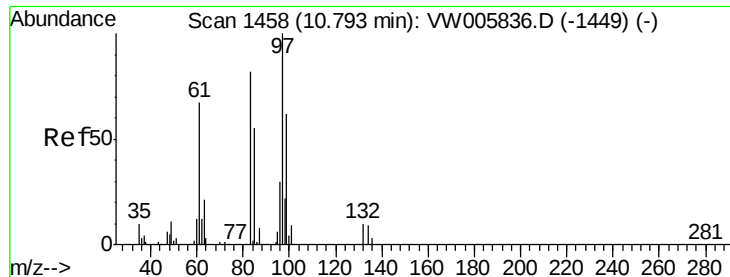
Tgt Ion: 75 Resp: 13139
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.601 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion: 75 Resp: 14045
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2
 39 55.6 41.9 62.9

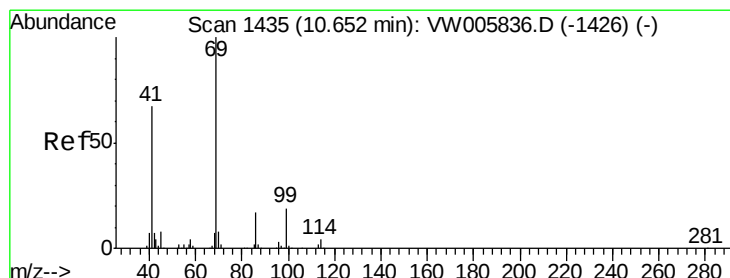
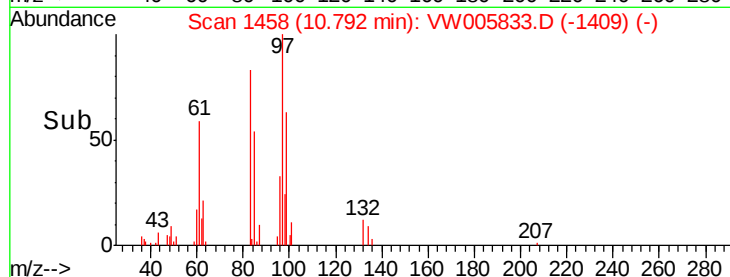
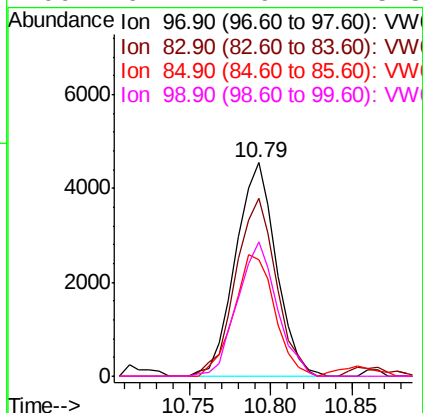
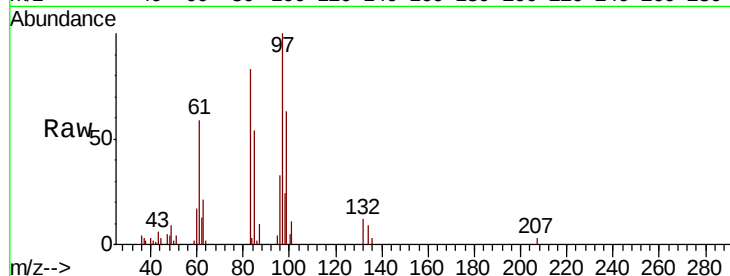




#55
 1,1,2-Trichloroethane
 Concen: 5.426 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

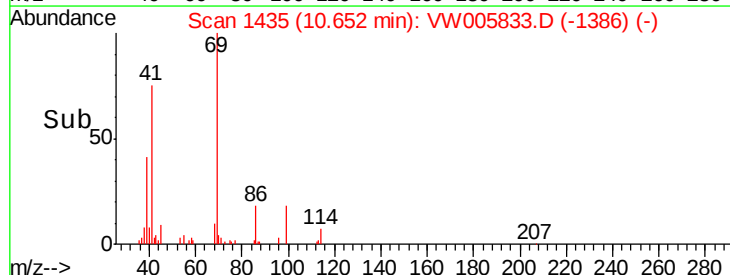
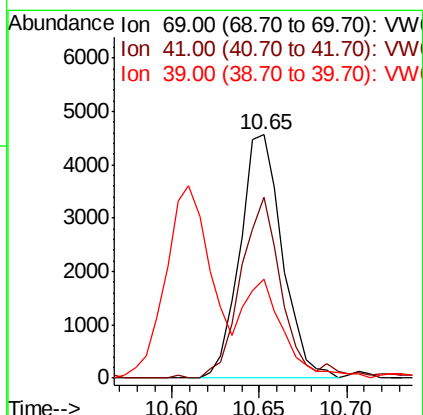
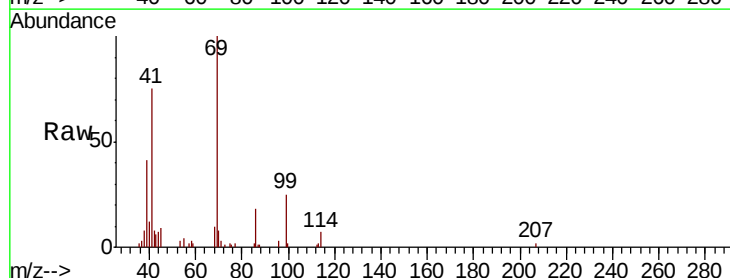
Instrument :
 MSVOA_W
 ClientSampleId :

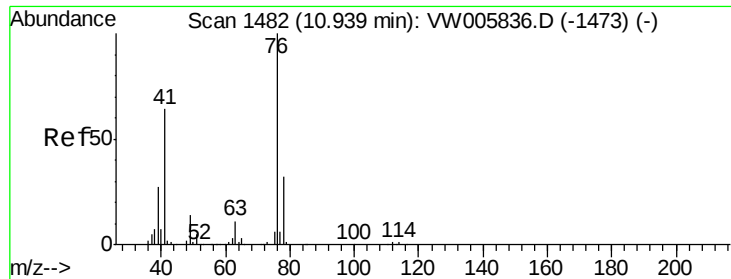
Tgt Ion:	97	Resp:	7891
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.9	98.9
85	54.5	44.2	66.2
99	62.7	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 4.280 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion:	69	Resp:	7677
Ion	Ratio	Lower	Upper
69	100		
41	72.5	55.8	83.6
39	38.9	29.3	43.9

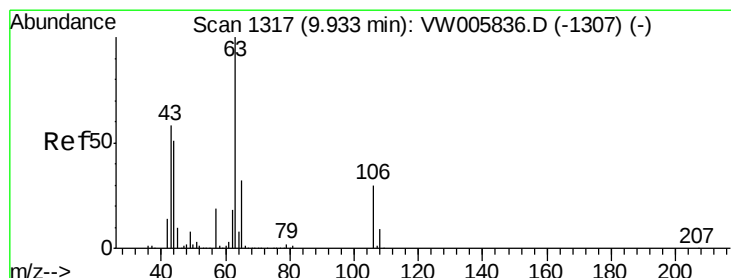
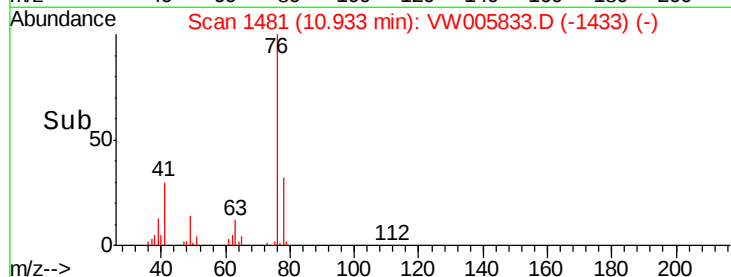
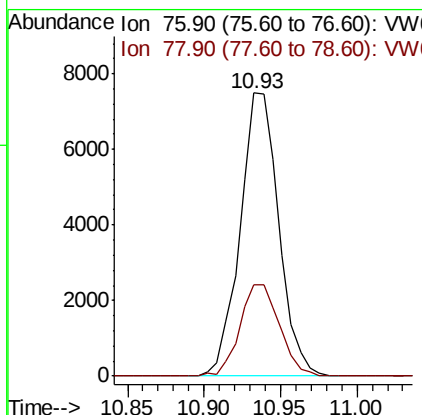
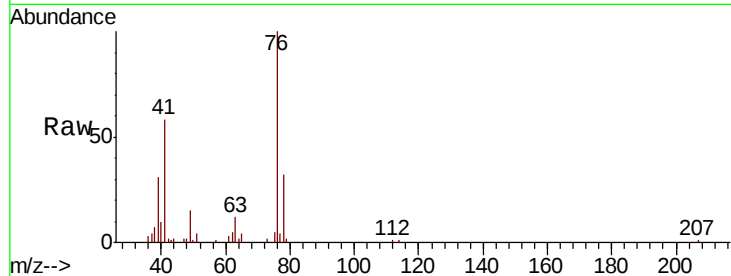




#57
 1,3-Dichloropropane
 Concen: 5.130 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

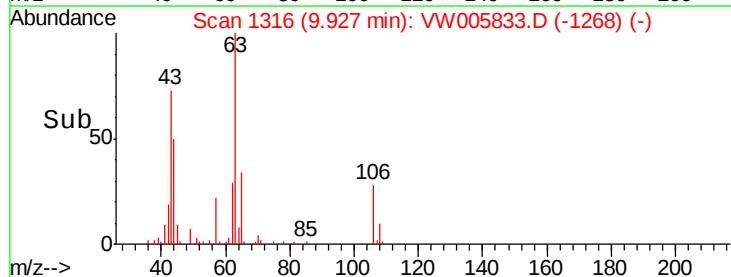
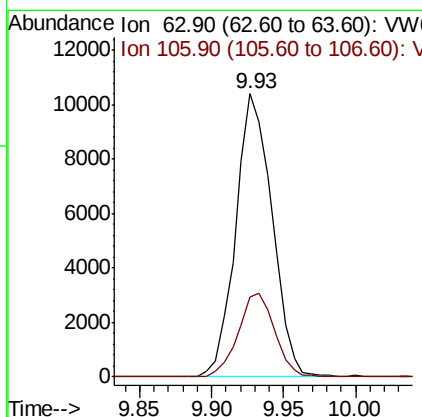
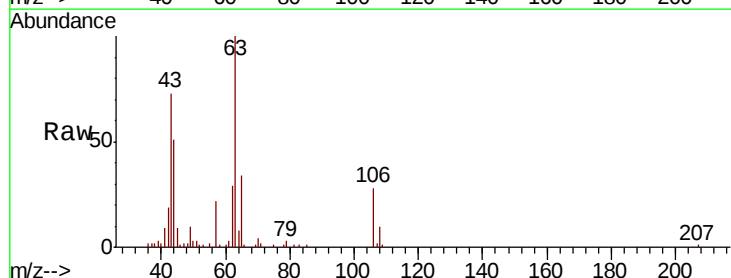
Instrument :
 MSVOA_W
 ClientSampleId :

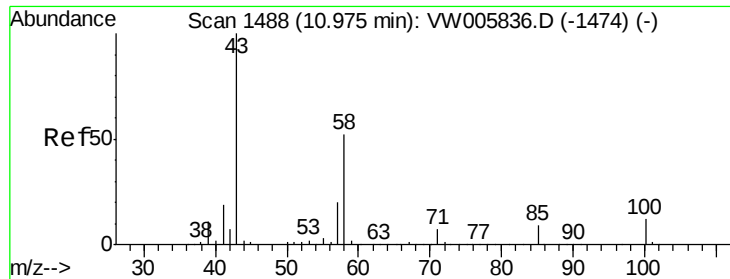
Tgt Ion: 76 Resp: 13152
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.871 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion: 63 Resp: 18231
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.7 35.5





#59

2-Hexanone

Concen: 21.315 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

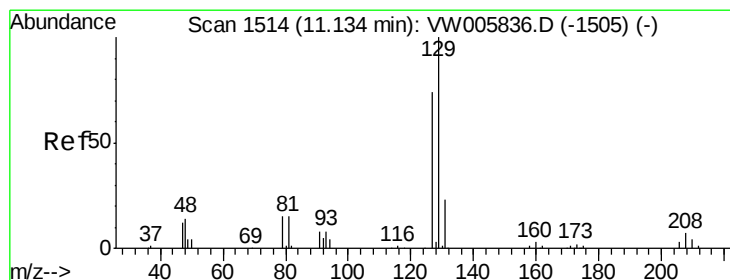
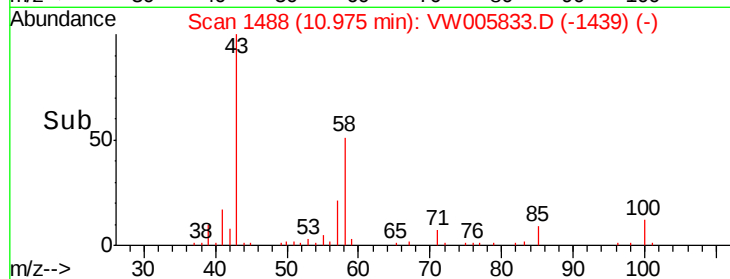
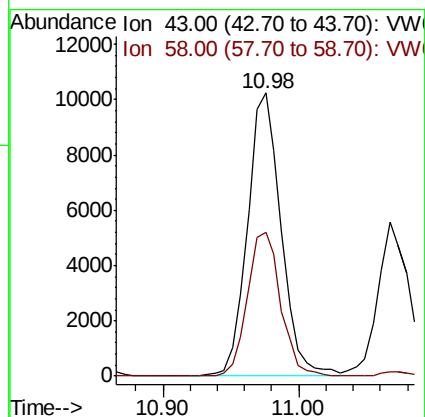
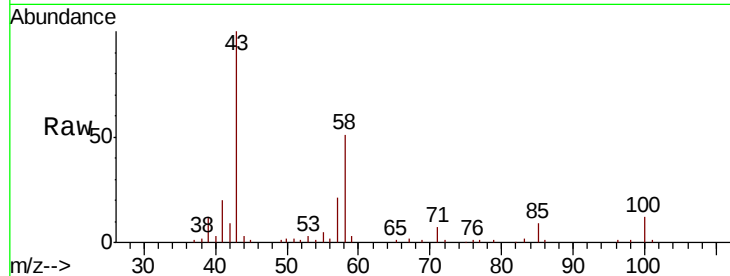
ClientSampled :

Tgt Ion: 43 Resp: 17697

Ion Ratio Lower Upper

43 100

58 50.3 25.9 77.7



#60

Dibromochloromethane

Concen: 5.312 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW005833.D

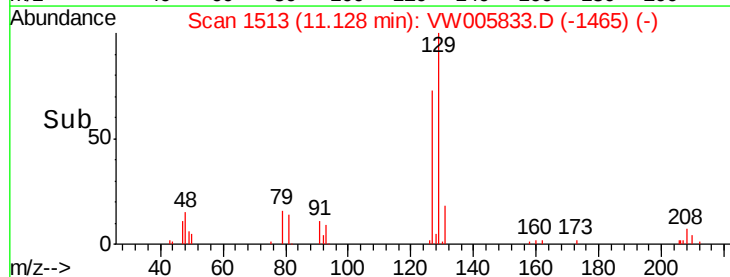
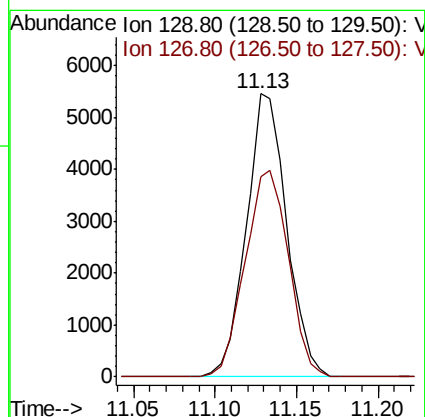
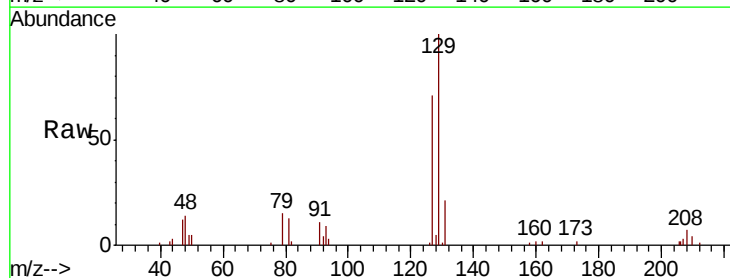
Acq: 04 Oct 2018 03:12

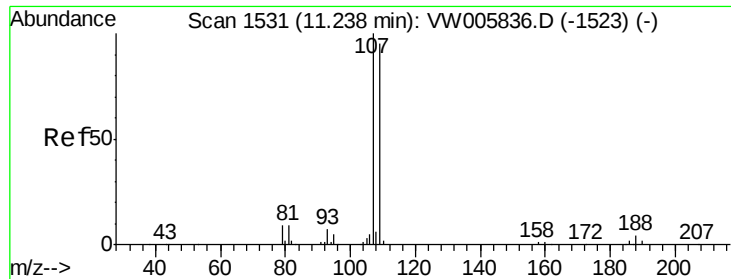
Tgt Ion: 129 Resp: 9407

Ion Ratio Lower Upper

129 100

127 78.1 37.2 111.6

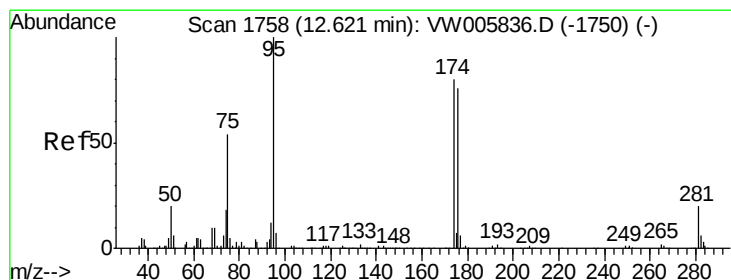
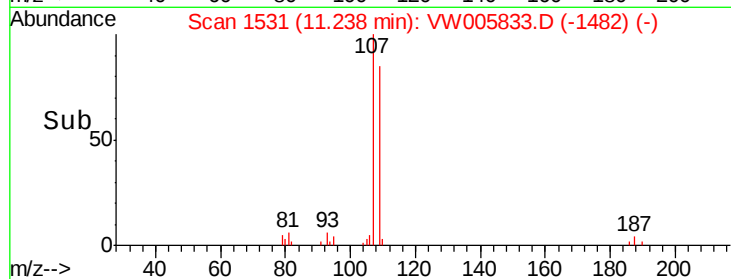
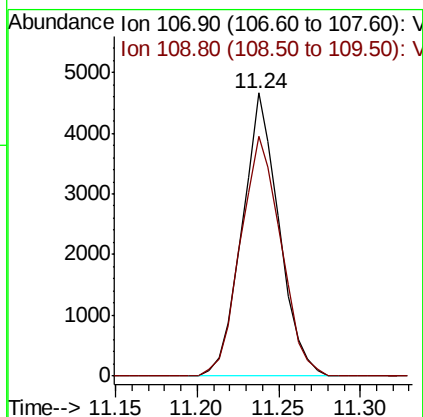
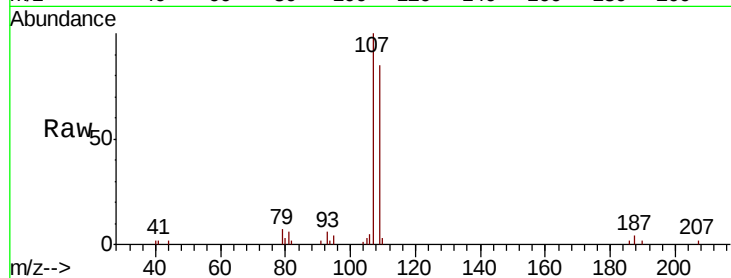




#61
 1,2-Dibromoethane
 Concen: 5.390 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

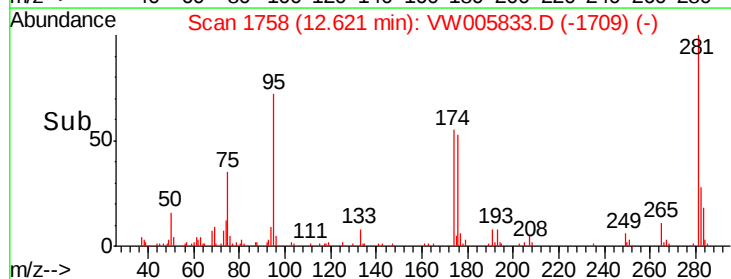
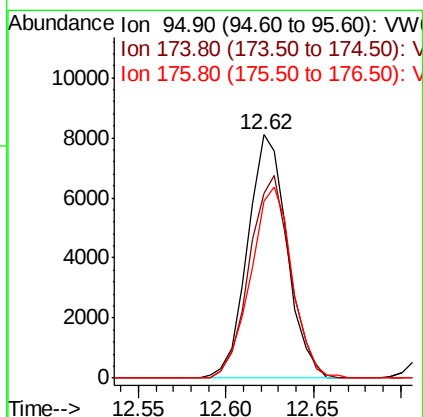
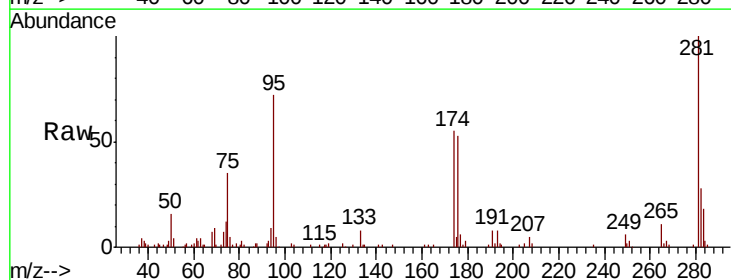
Instrument :
 MSVOA_W
 ClientSampled :

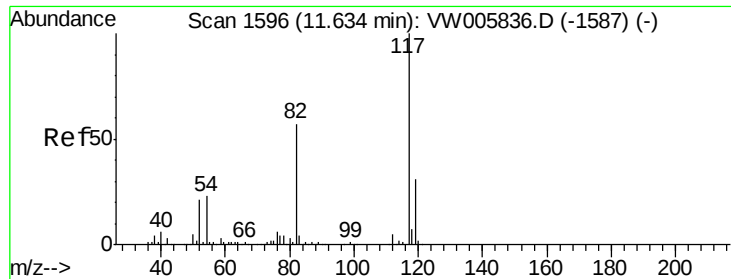
Tgt Ion: 107 Resp: 7323
 Ion Ratio Lower Upper
 107 100
 109 93.1 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 4.704 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion: 95 Resp: 12775
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 169.0
 176 82.9 0.0 164.2

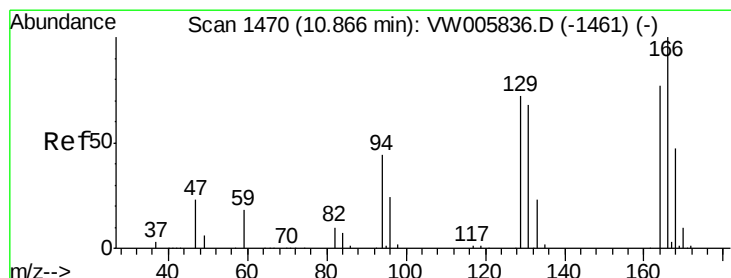
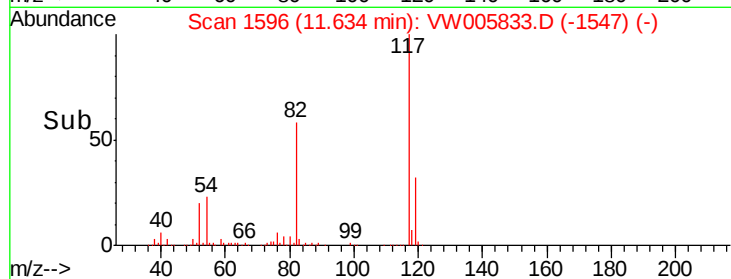
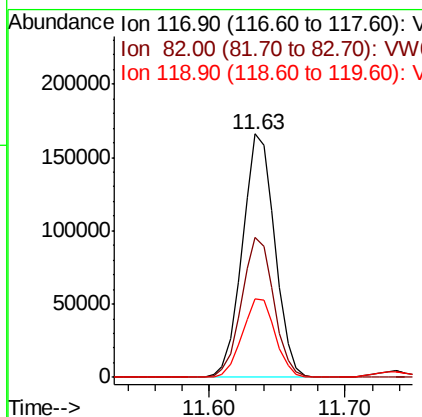
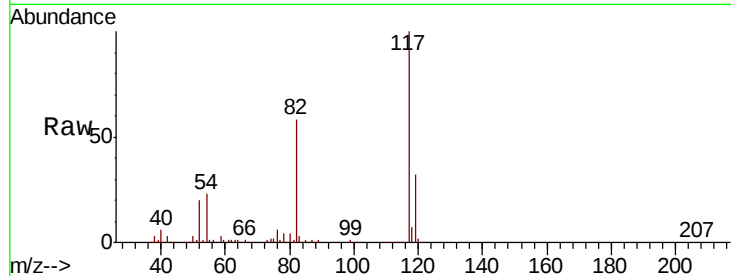




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

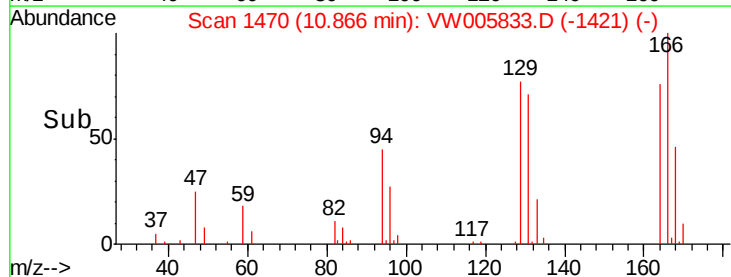
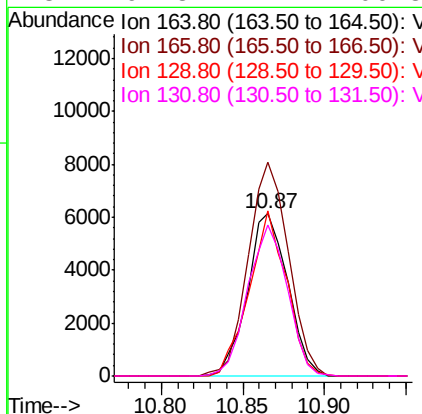
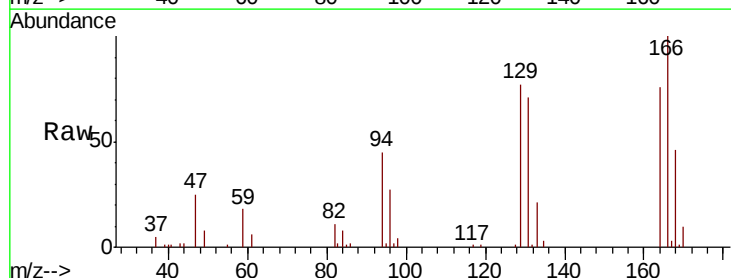
Instrument :
MSVOA_W
ClientSampleId :

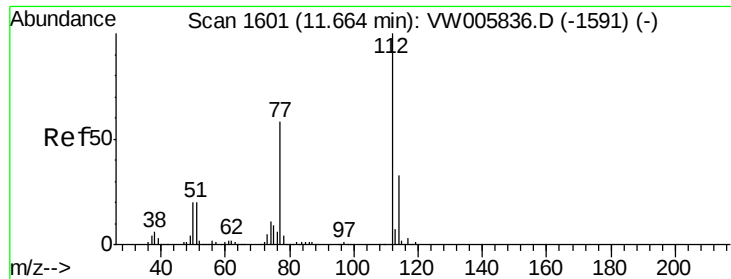
Tgt Ion:117 Resp: 276304
Ion Ratio Lower Upper
117 100
82 57.7 45.6 68.4
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 5.310 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion:164 Resp: 10628
Ion Ratio Lower Upper
164 100
166 131.4 104.0 156.0
129 101.8 74.8 112.2
131 92.8 71.2 106.8

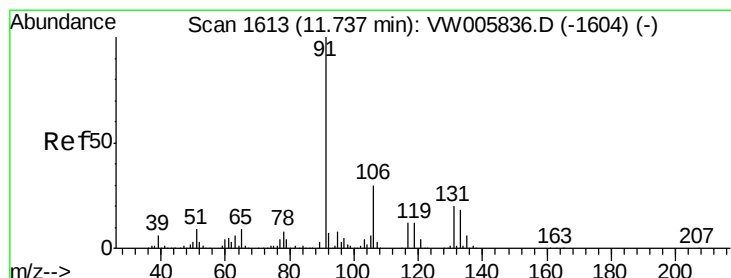
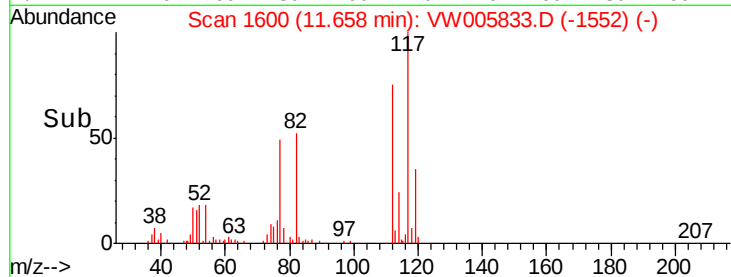
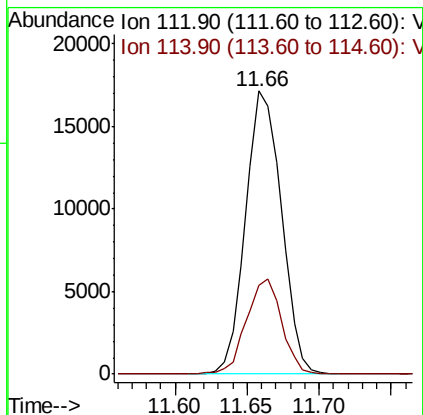
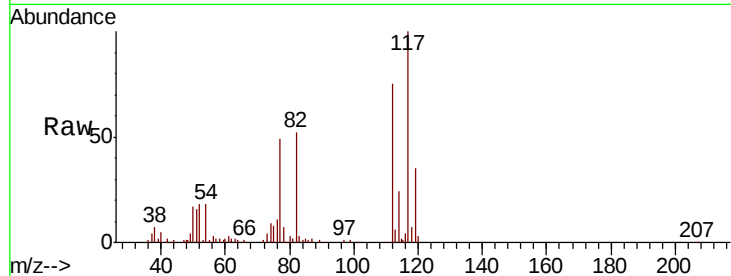




#65
Chlorobenzene
Concen: 4.993 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

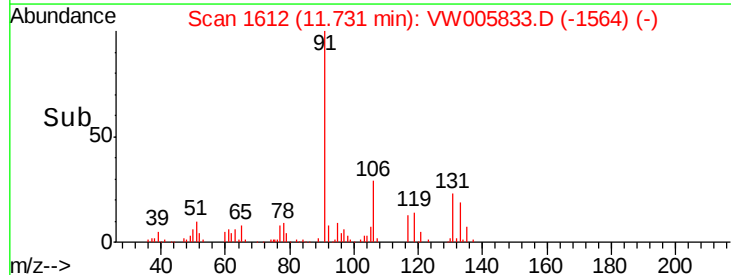
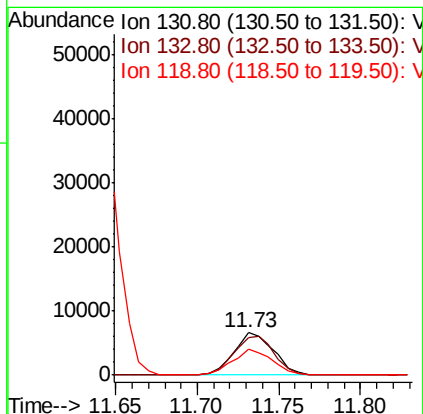
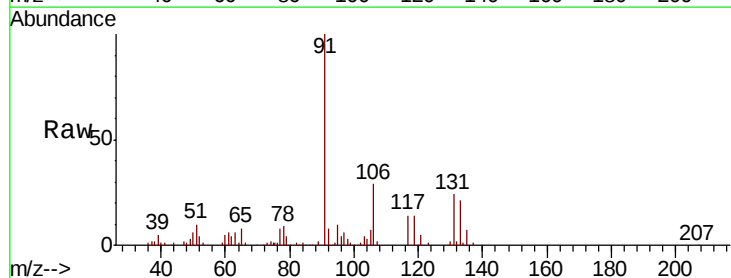
Instrument :
MSVOA_W
ClientSampleId :

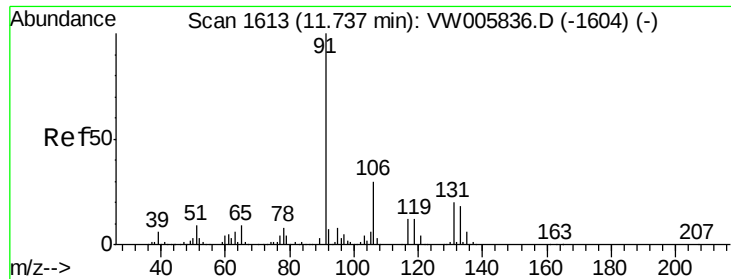
Tgt Ion:112 Resp: 29532
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 5.197 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion:131 Resp: 11138
Ion Ratio Lower Upper
131 100
133 94.6 47.0 141.0
119 60.7 30.4 91.2

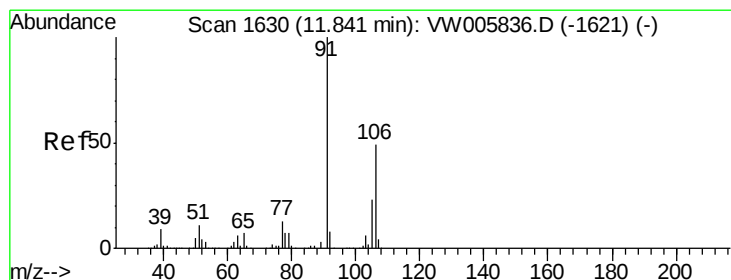
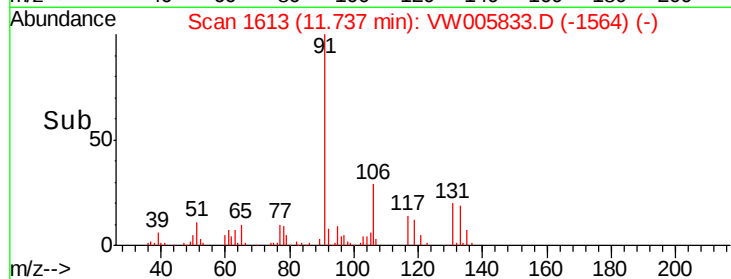
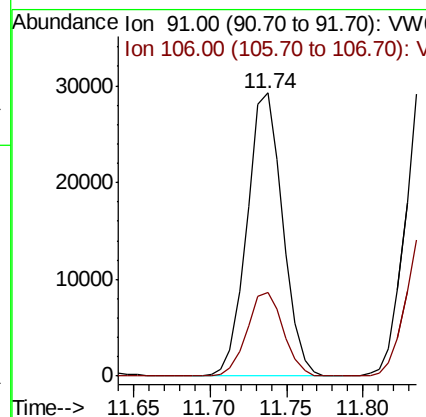
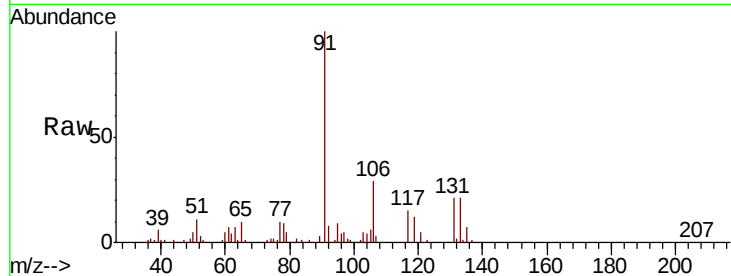




#67
Ethyl Benzene
Concen: 4.533 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

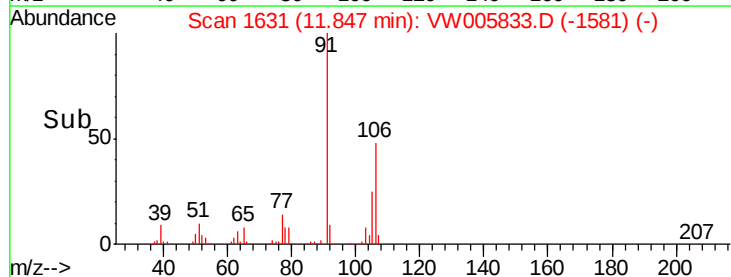
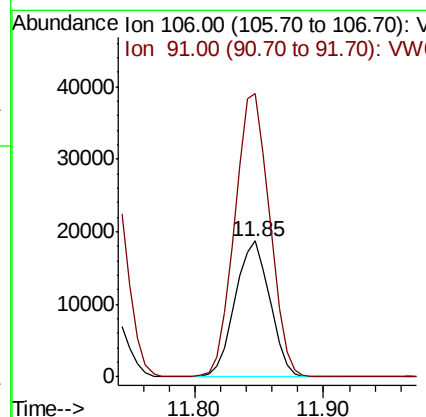
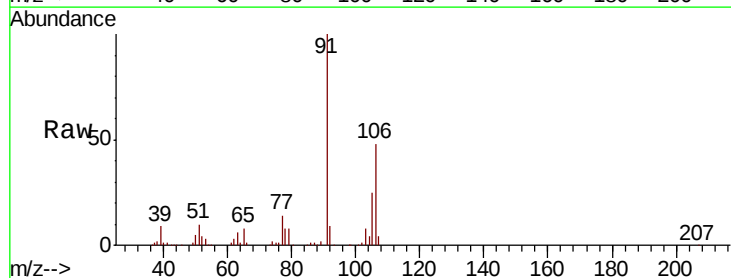
Instrument :
MSVOA_W
ClientSampleId :

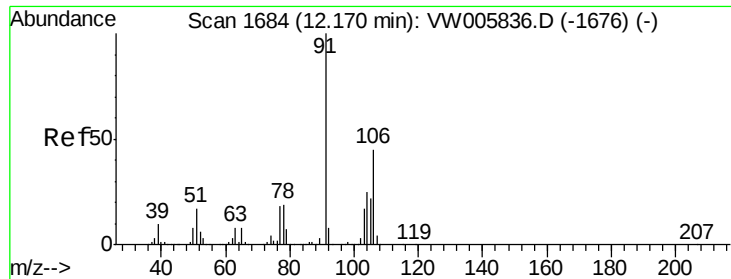
Tgt Ion: 91 Resp: 47455
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5



#68
m/p-Xylenes
Concen: 8.850 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 106 Resp: 35123
Ion Ratio Lower Upper
106 100
91 210.0 165.4 248.0

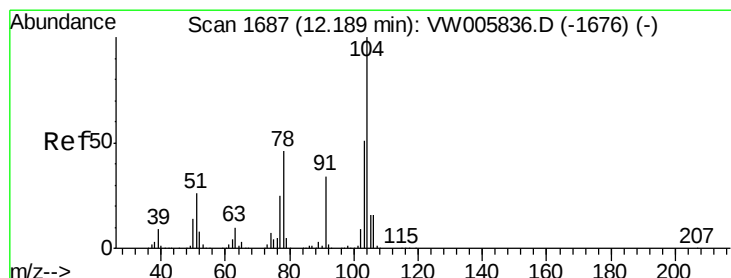
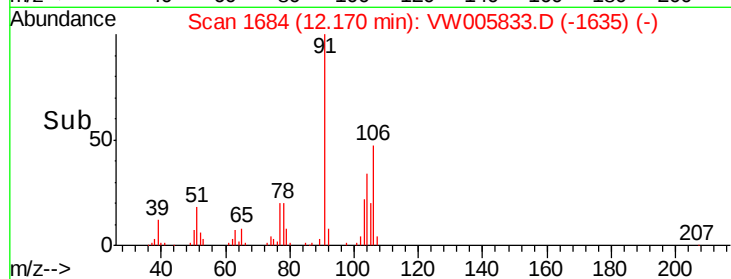
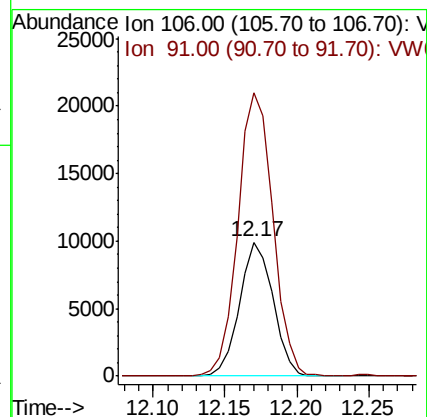
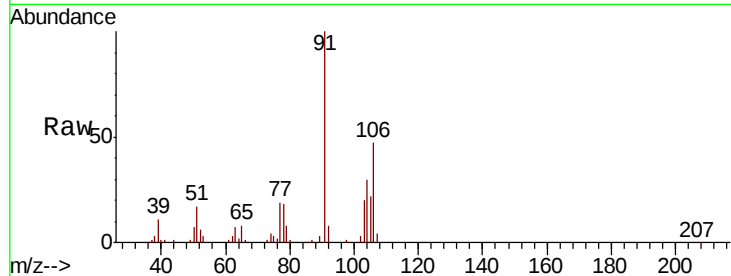




#69
o-Xylene
Concen: 4.352 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

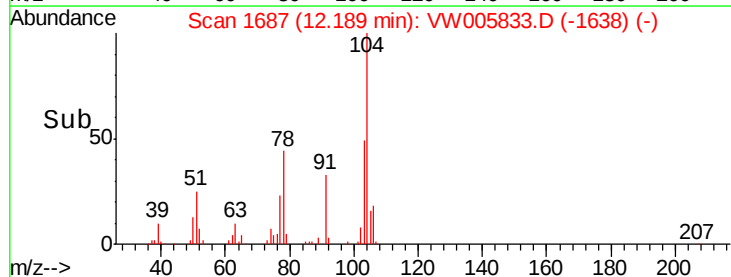
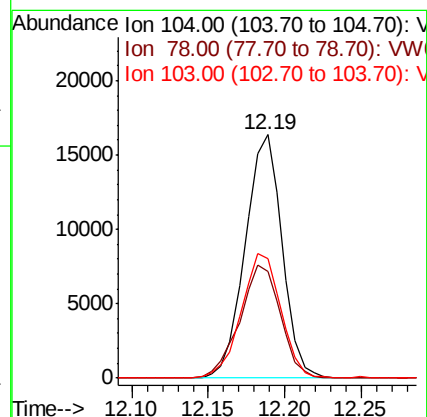
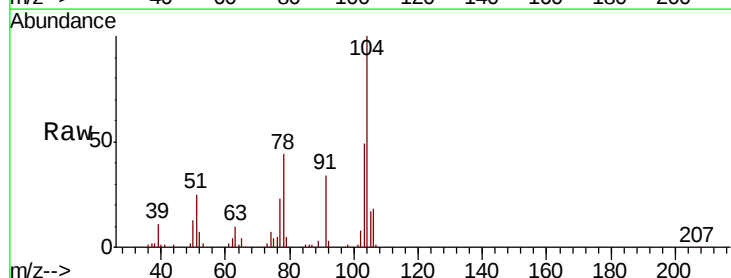
Instrument :
MSVOA_W
ClientSampled :

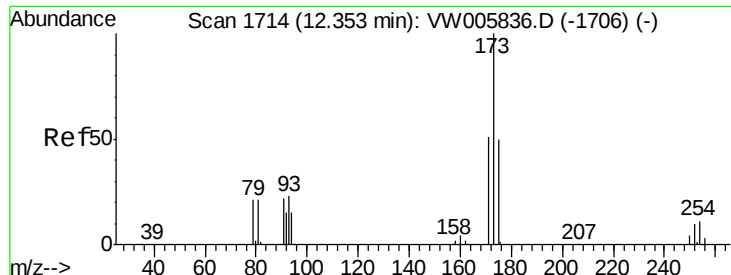
Tgt Ion:106 Resp: 16160
Ion Ratio Lower Upper
106 100
91 219.2 109.7 329.1



#70
Styrene
Concen: 4.383 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion:104 Resp: 27384
Ion Ratio Lower Upper
104 100
78 51.5 42.3 63.5
103 54.9 44.9 67.3





#71

Bromoform

Concen: 5.196 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

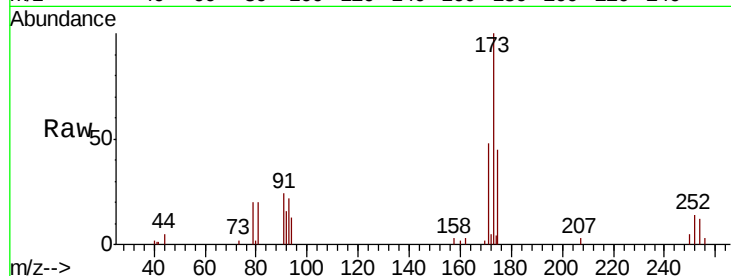
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173 Resp: 5977

Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.3	72.9
254	0.0	0.1	0.1#

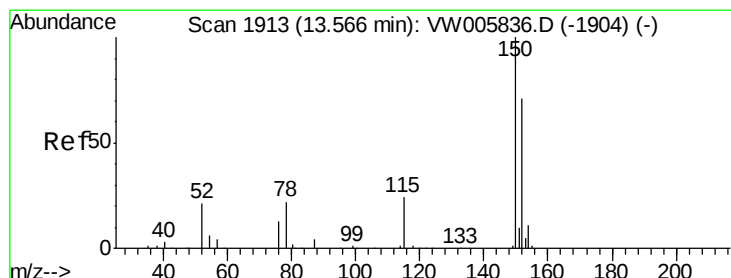
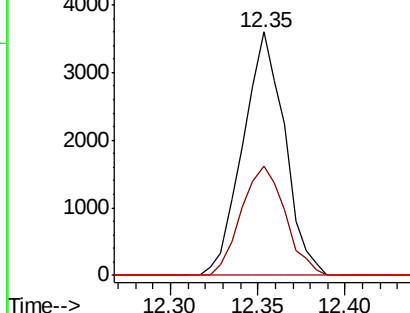
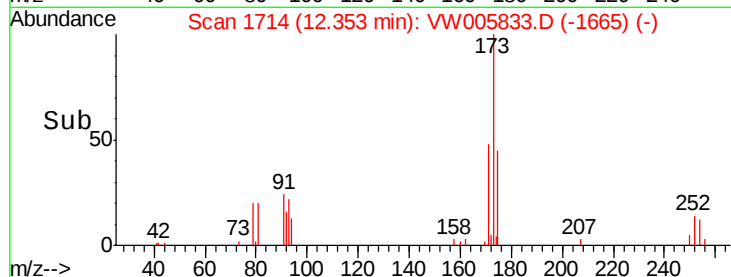


Abundance

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

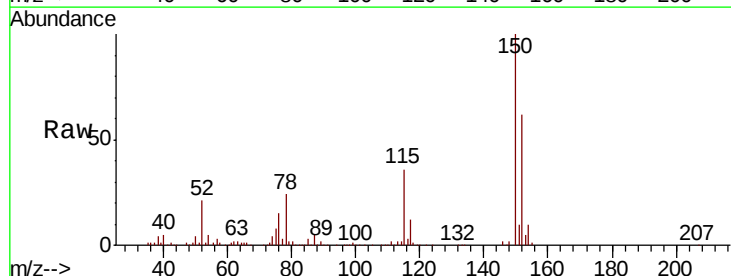
Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Tgt Ion:152 Resp: 152716

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.8	89.4
150	158.4	0.0	349.4

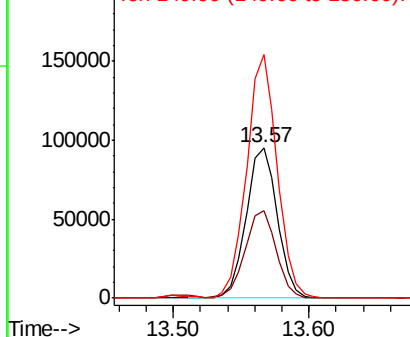
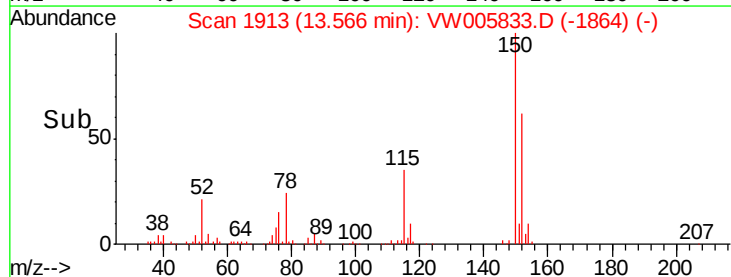


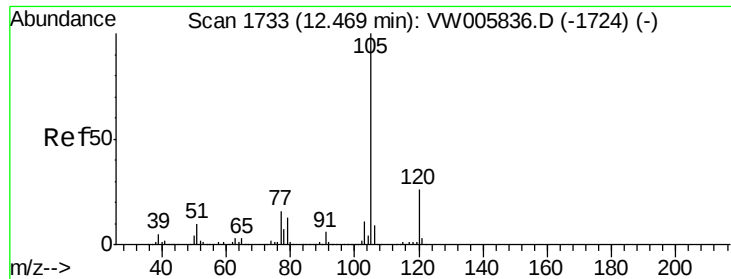
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.132 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

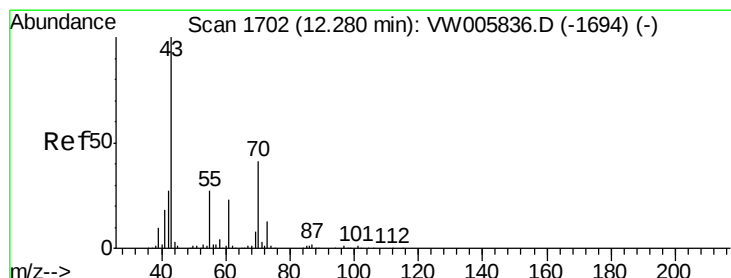
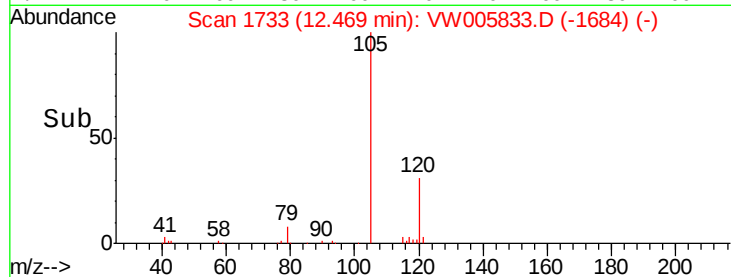
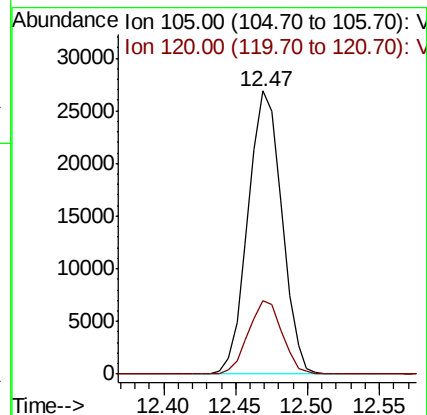
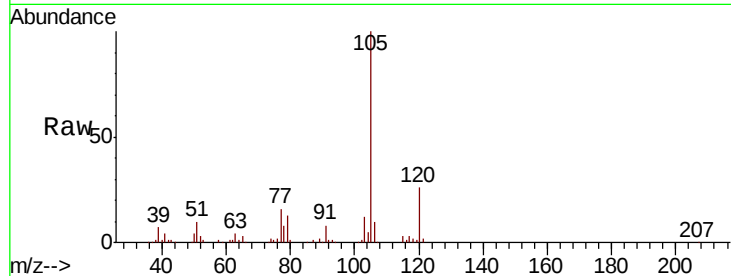
ClientSampled :

Tgt Ion: 105 Resp: 43808

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#74

N-ethyl acetate

Concen: 3.918 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Tgt Ion: 43 Resp: 9433

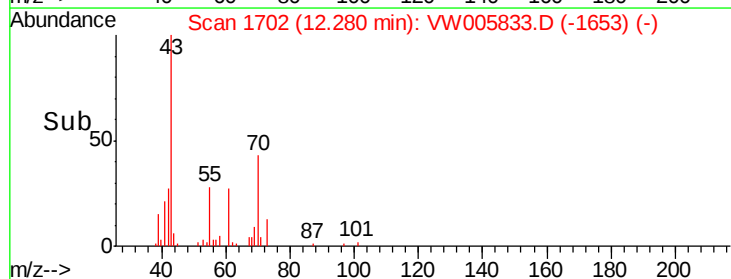
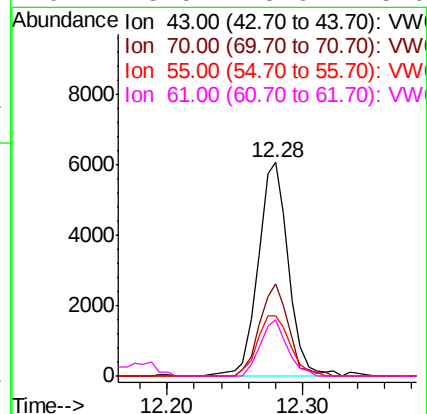
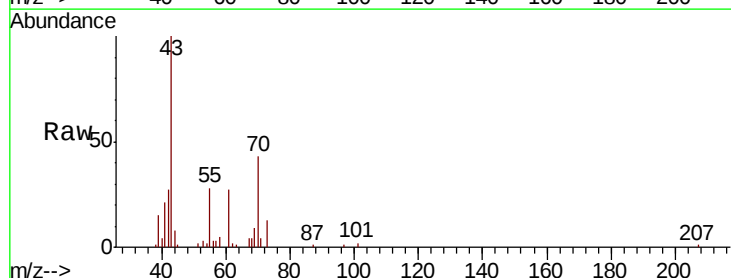
Ion Ratio Lower Upper

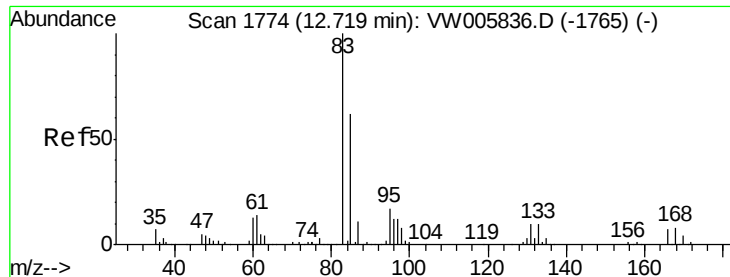
43 100

70 41.5 33.6 50.4

55 30.5 21.8 32.6

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.969 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

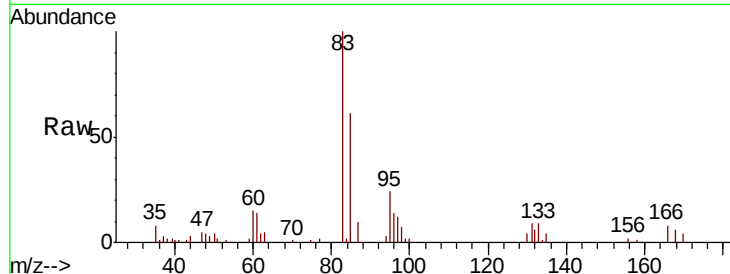
Tgt Ion: 83 Resp: 8864

Ion Ratio Lower Upper

83 100

131 12.5 5.9 17.6

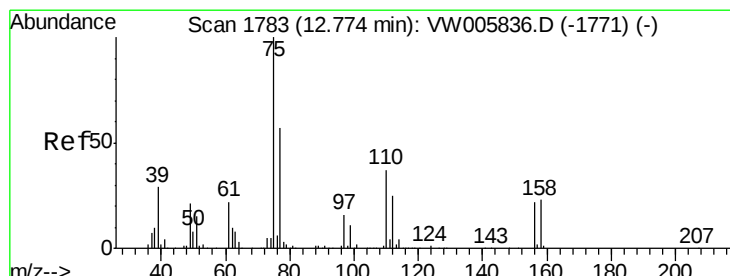
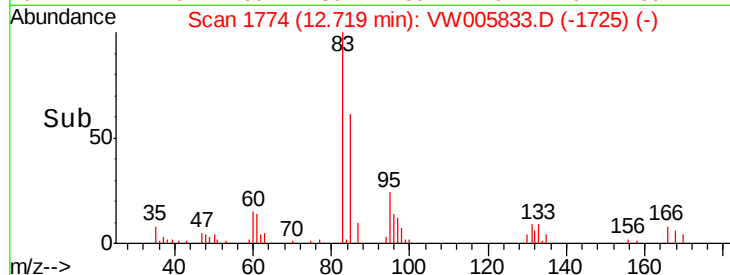
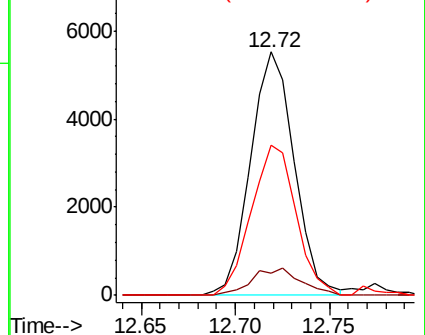
85 63.3 31.8 95.3



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: 8.681 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005833.D

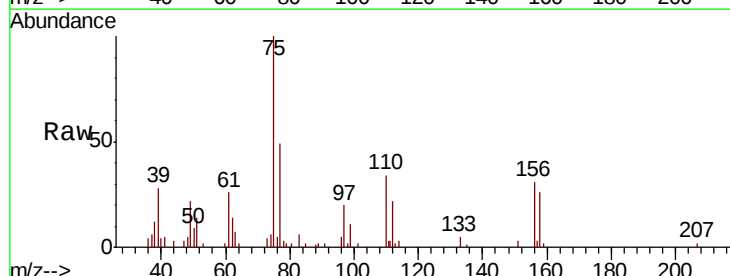
Acq: 04 Oct 2018 03:12

Tgt Ion: 75 Resp: 11494

Ion Ratio Lower Upper

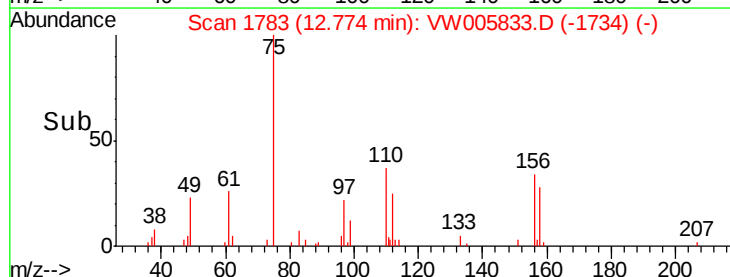
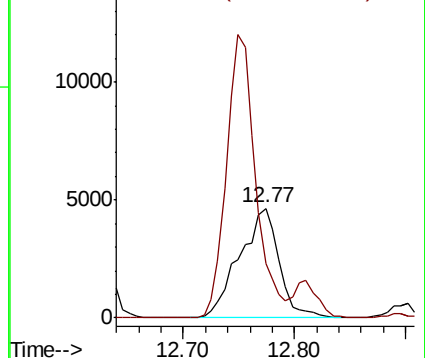
75 100

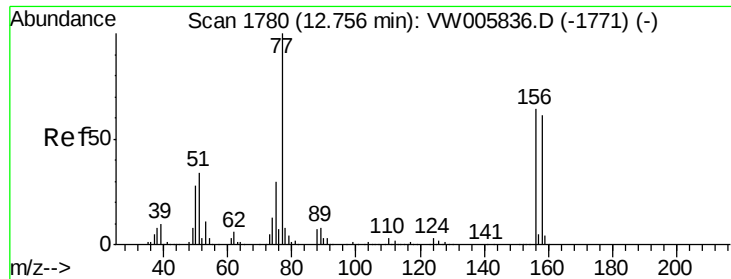
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.791 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

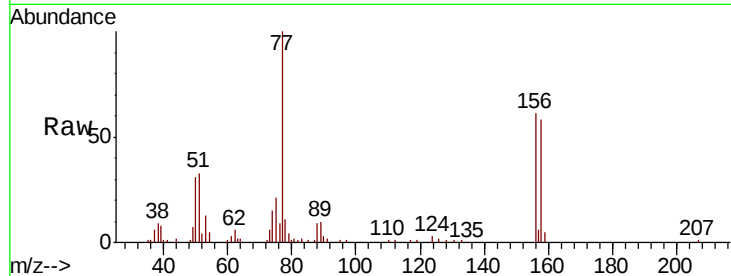
Tgt Ion:156 Resp: 12032

Ion Ratio Lower Upper

156 100

77 181.1 91.0 273.1

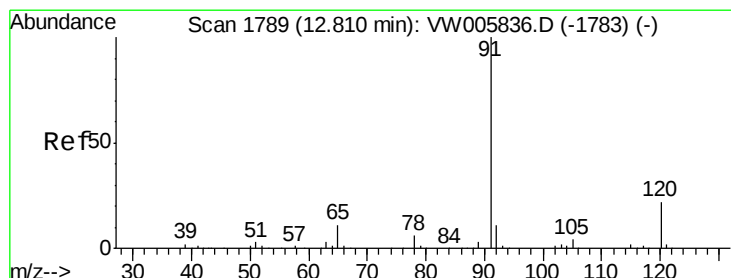
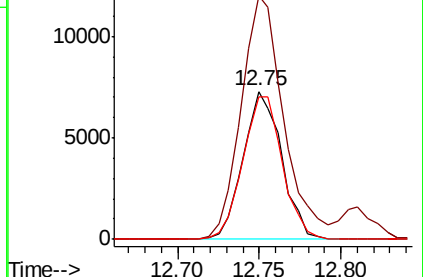
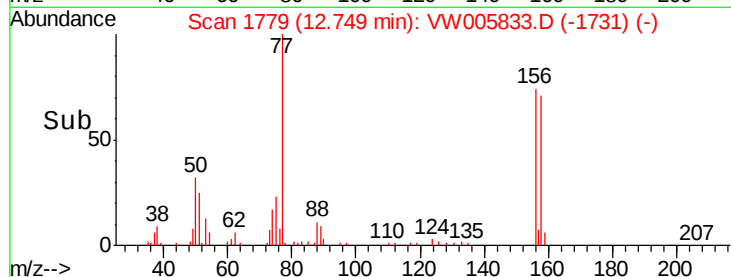
158 98.7 48.4 145.2



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: 4.116 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005833.D

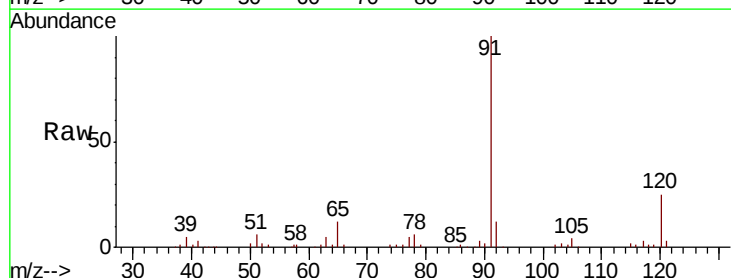
Acq: 04 Oct 2018 03:12

Tgt Ion: 91 Resp: 52690

Ion Ratio Lower Upper

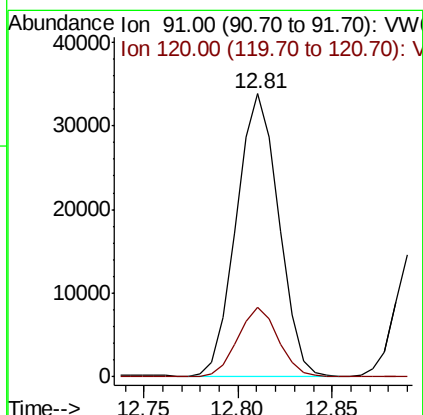
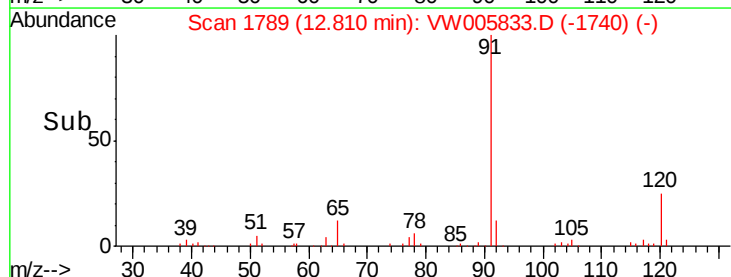
91 100

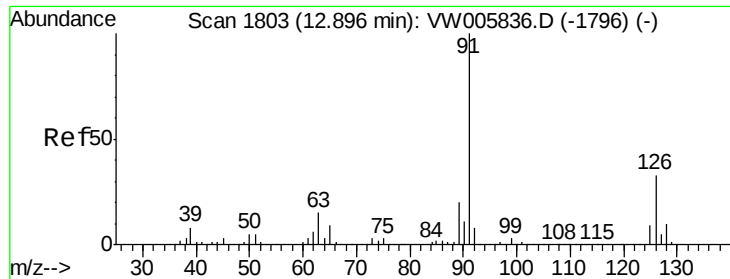
120 23.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.247 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

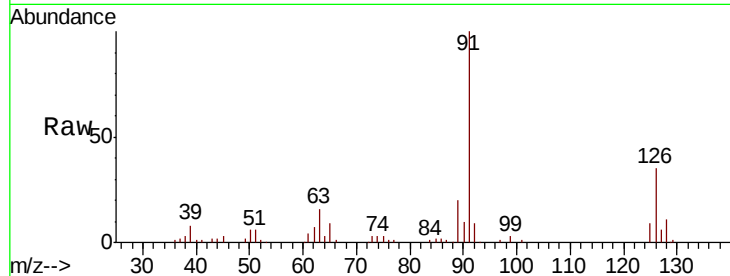
ClientSampleId :

Tgt Ion: 91 Resp: 31595

Ion Ratio Lower Upper

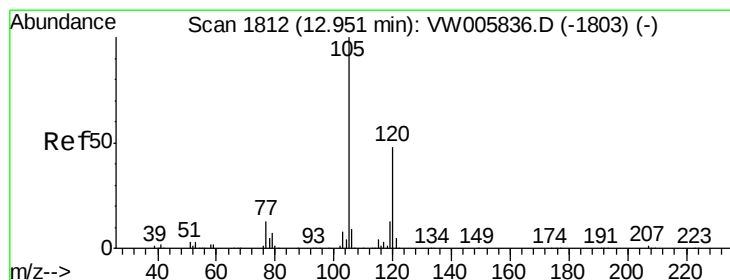
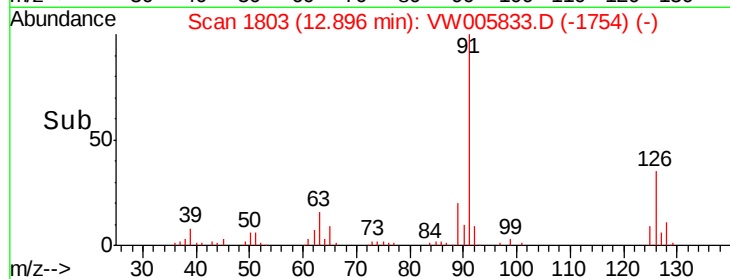
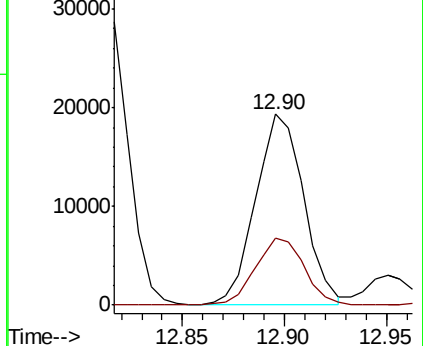
91 100

126 35.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.068 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005833.D

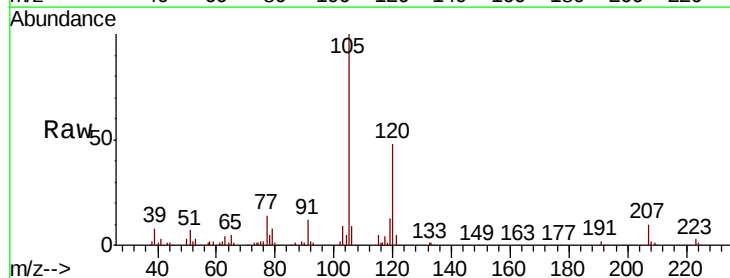
Acq: 04 Oct 2018 03:12

Tgt Ion: 105 Resp: 37532

Ion Ratio Lower Upper

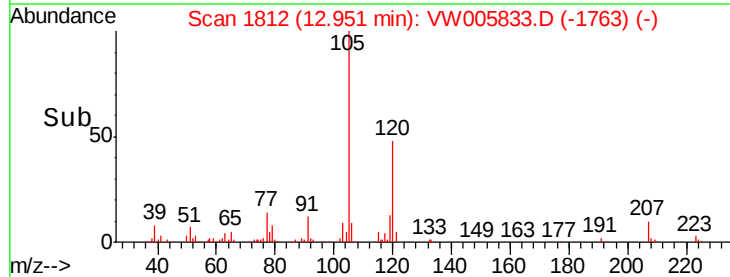
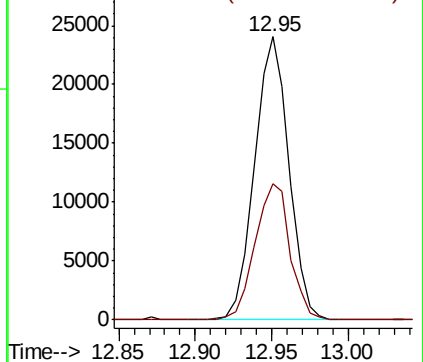
105 100

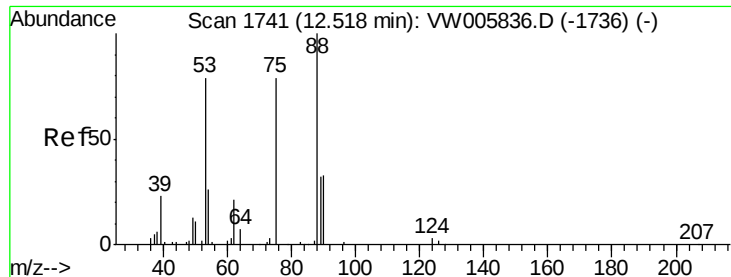
120 49.0 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

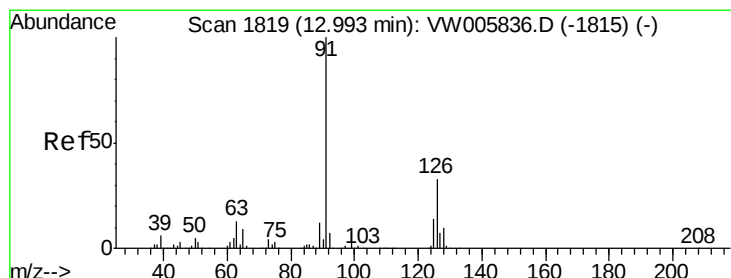
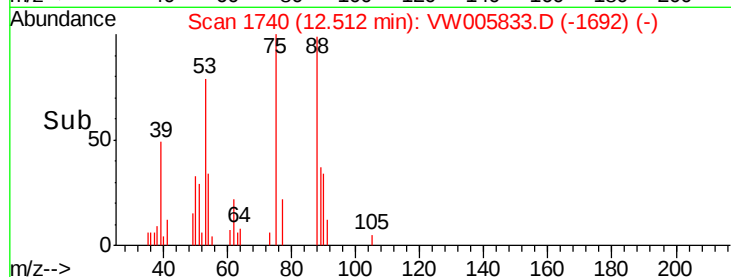
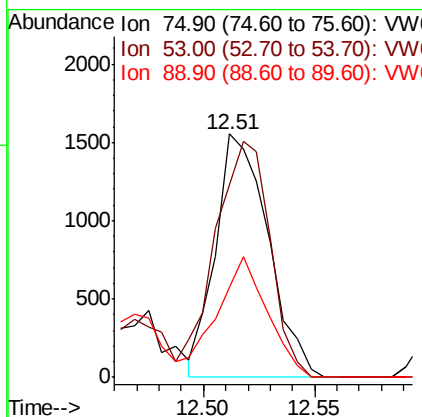
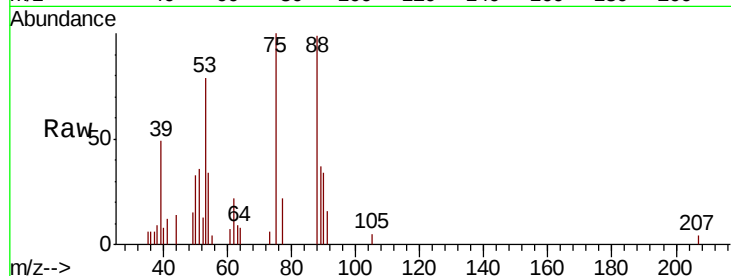




#81
trans-1,4-Dichloro-2-butene
Concen: 4.383 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

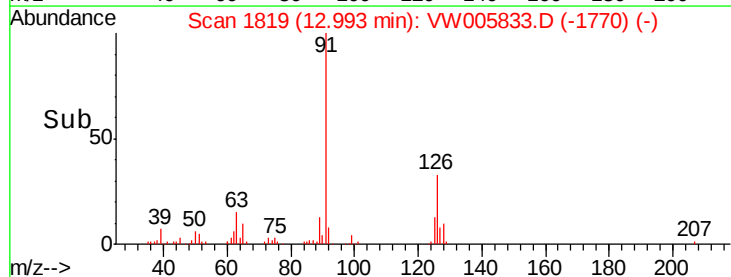
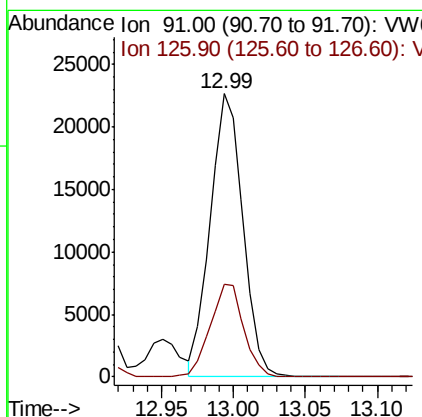
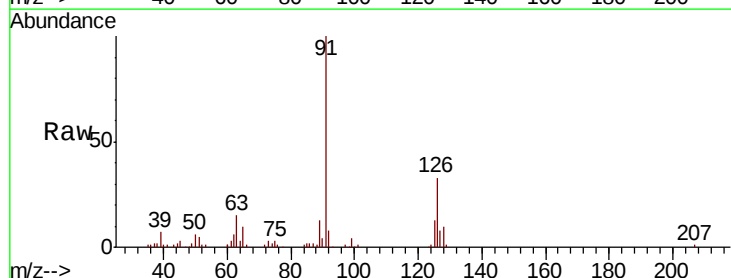
Instrument :
MSVOA_W
ClientSampled :

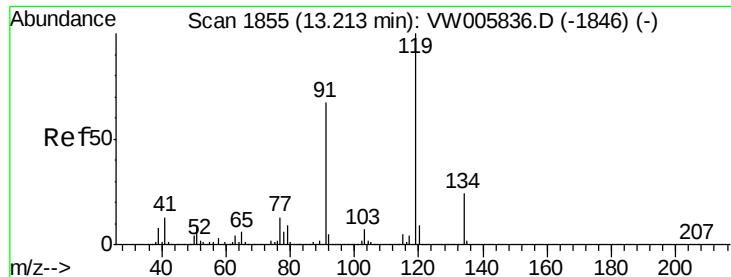
Tgt Ion: 75 Resp: 2549
Ion Ratio Lower Upper
75 100
53 101.4 83.7 125.5
89 48.1 37.5 56.3



#82
4-Chlorotoluene
Concen: 4.577 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion: 91 Resp: 35919
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0

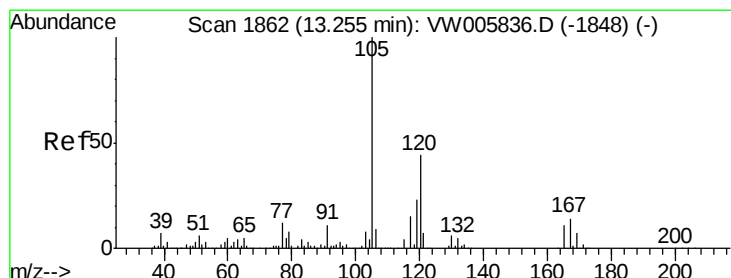
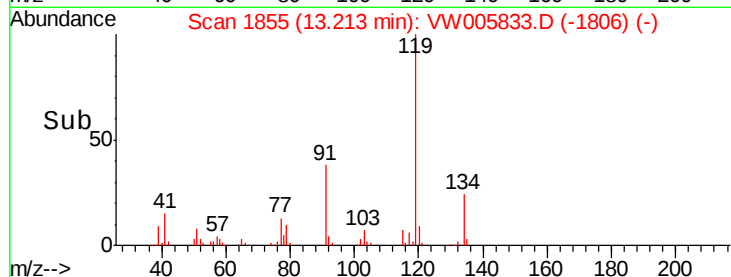
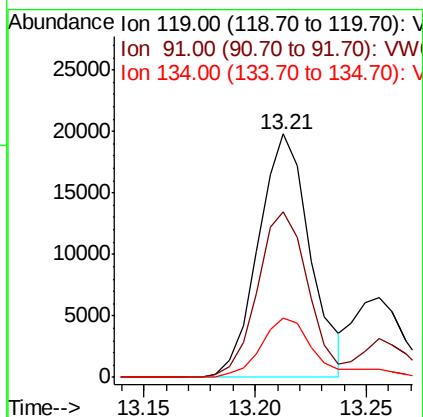
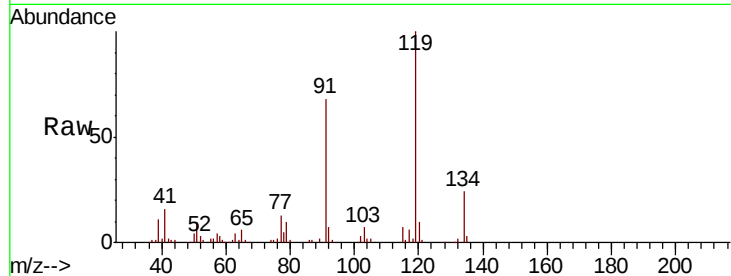




#83
tert-Butylbenzene
Concen: 4.129 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

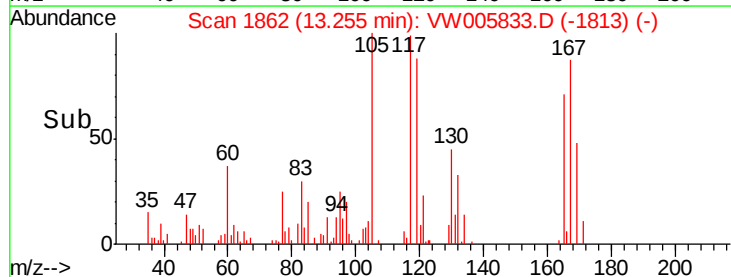
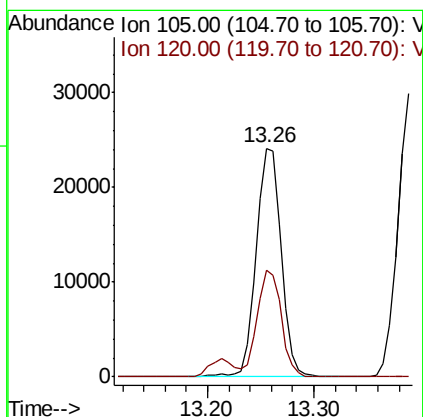
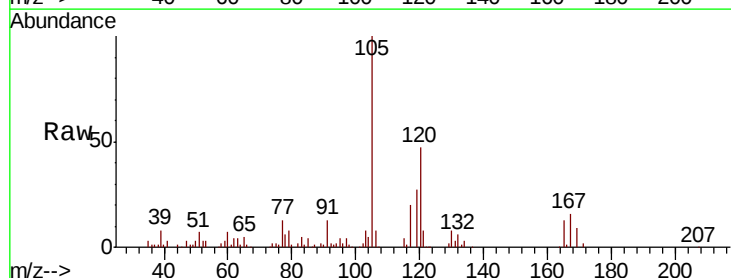
Instrument :
MSVOA_W
ClientSampled :

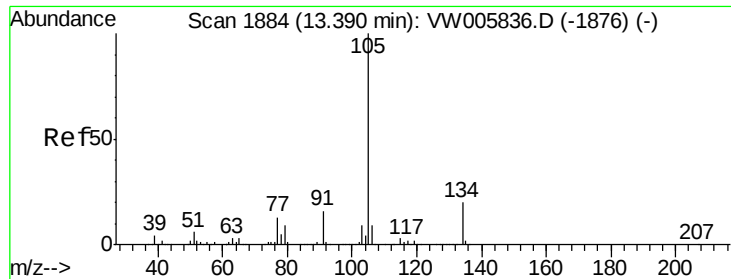
Tgt Ion:119 Resp: 31983
Ion Ratio Lower Upper
119 100
91 66.3 33.4 100.2
134 26.5 12.8 38.3



#84
1,2,4-Trimethylbenzene
Concen: 4.275 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion:105 Resp: 39878
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.7

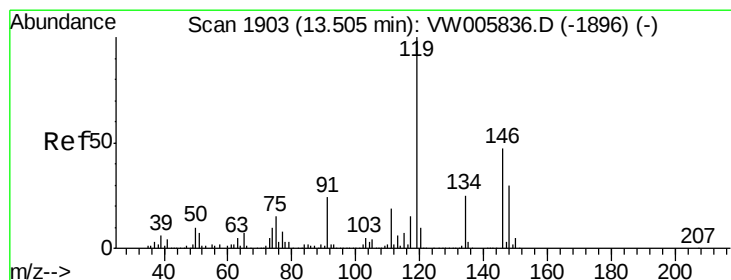
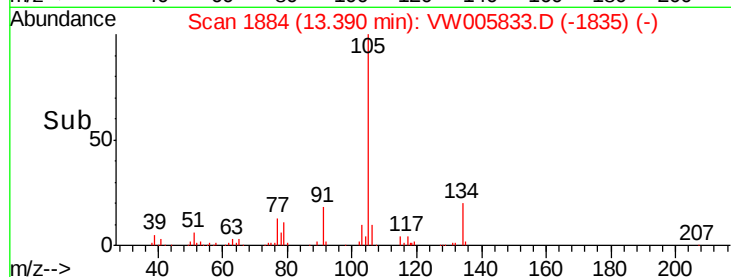
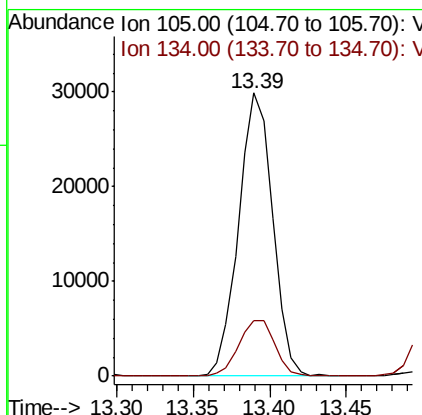
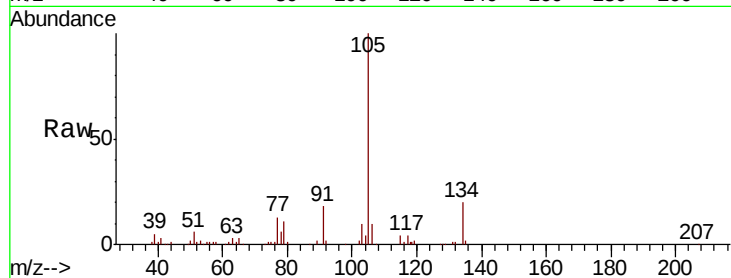




#85
 sec-Butylbenzene
 Concen: 4.131 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

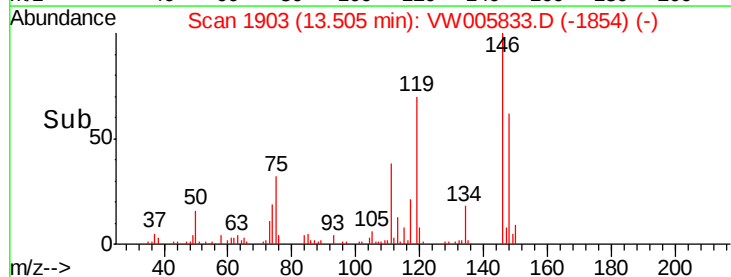
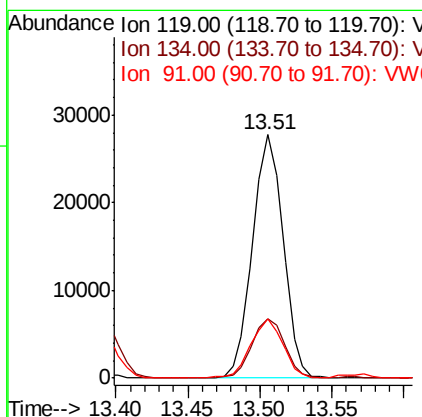
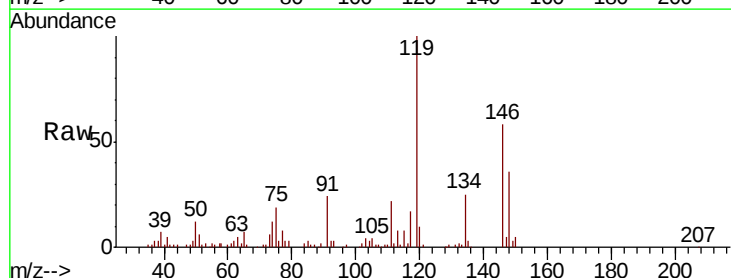
Instrument :
 MSVOA_W
 ClientSampleId :

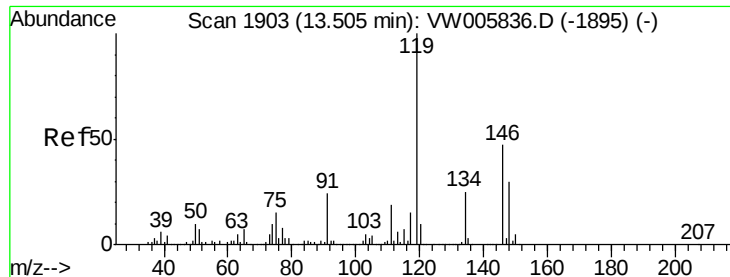
Tgt Ion:105 Resp: 46282
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 4.071 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion:119 Resp: 41013
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.0
 91 25.4 11.9 35.9

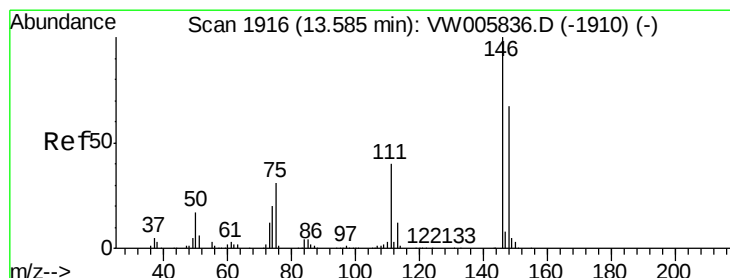
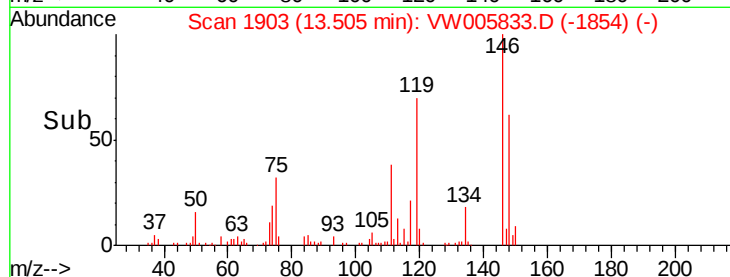
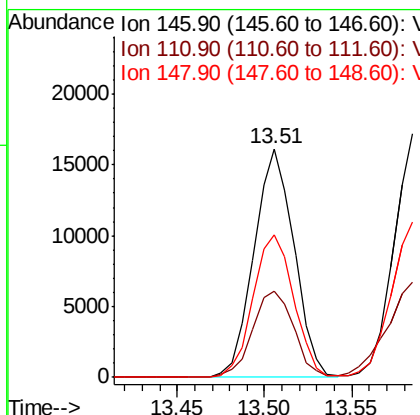
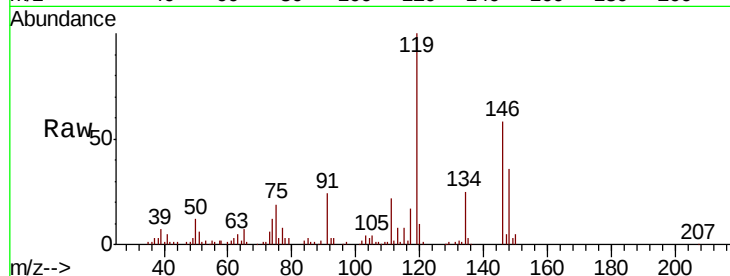




#87
 1,3-Dichlorobenzene
 Concen: 5.025 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

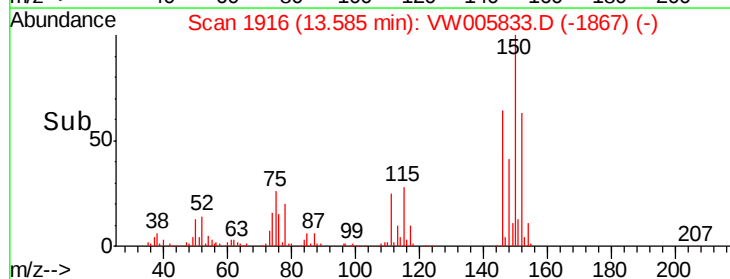
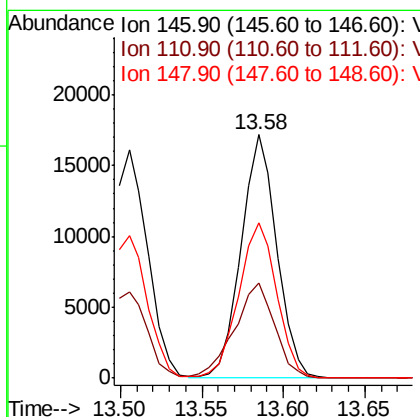
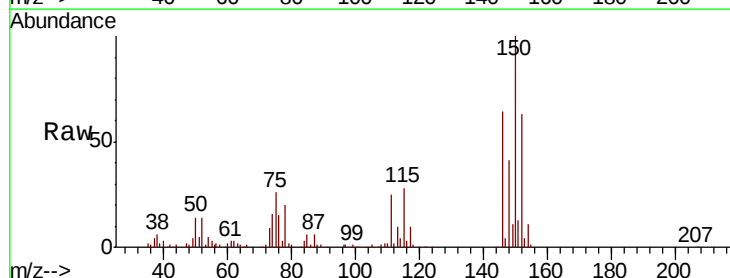
Instrument :
 MSVOA_W
 ClientSampleId :

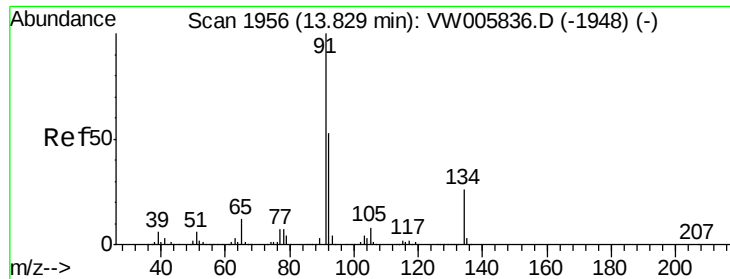
Tgt Ion:146 Resp: 25741
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.9 59.7
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 5.160 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion:146 Resp: 26253
 Ion Ratio Lower Upper
 146 100
 111 44.3 19.7 59.1
 148 67.7 32.1 96.5





#89

n-Butylbenzene

Concen: 4.021 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

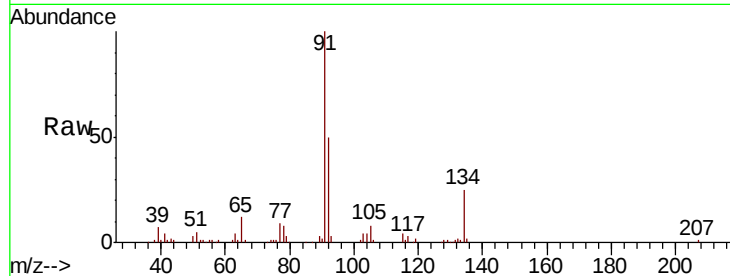
Tgt Ion: 91 Resp: 37983

Ion Ratio Lower Upper

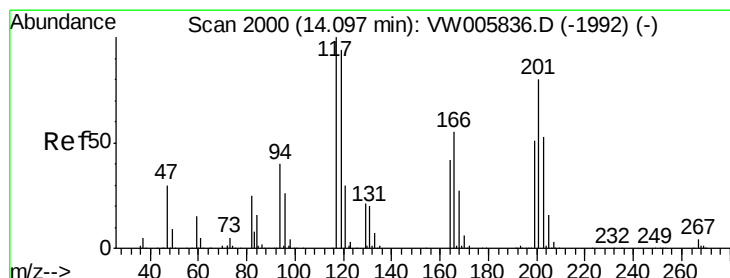
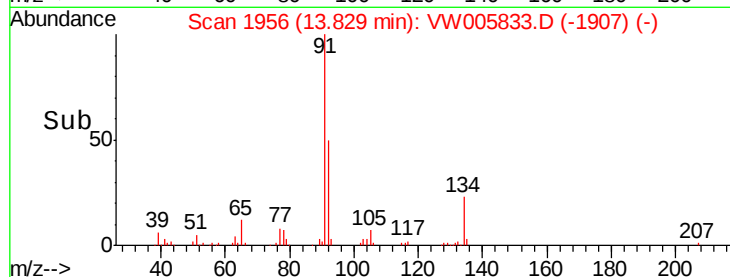
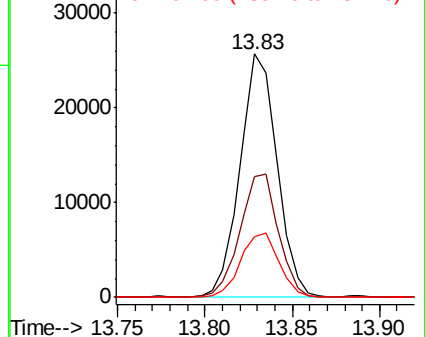
91 100

92 52.2 26.2 78.5

134 27.3 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 4.802 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW005833.D

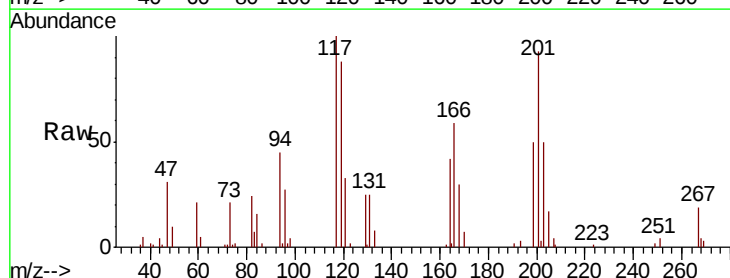
Acq: 04 Oct 2018 03:12

Tgt Ion: 117 Resp: 8773

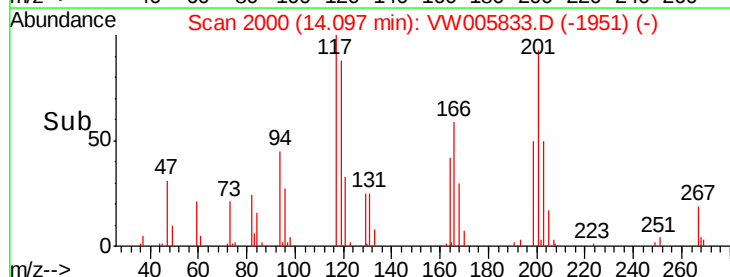
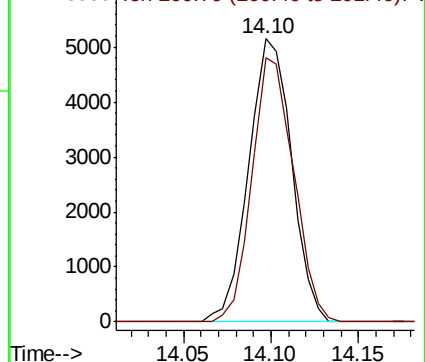
Ion Ratio Lower Upper

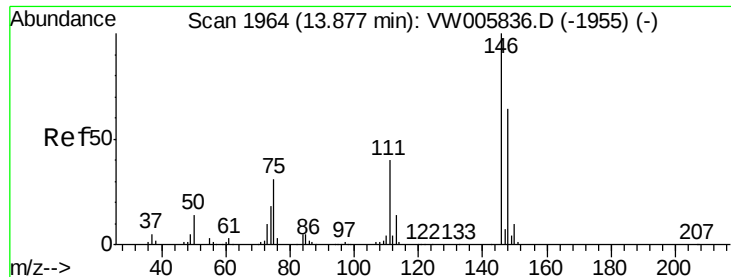
117 100

201 90.6 43.7 131.1



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





#91

1,2-Dichlorobenzene

Concen: 5.133 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

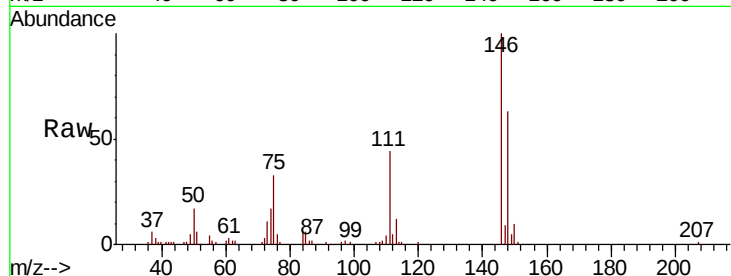
Tgt Ion:146 Resp: 23302

Ion Ratio Lower Upper

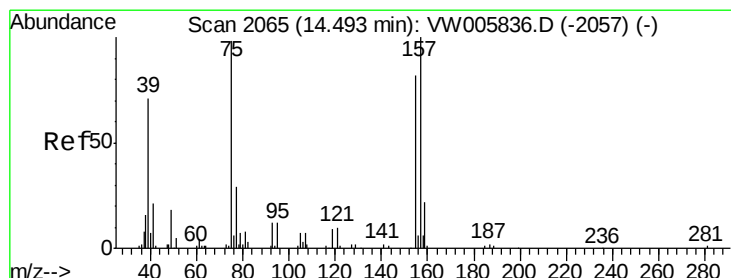
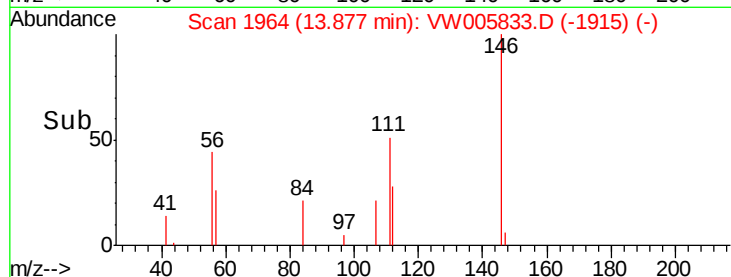
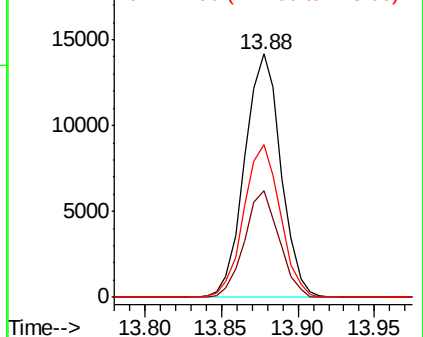
146 100

111 41.7 20.4 61.3

148 63.1 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.838 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 03:12

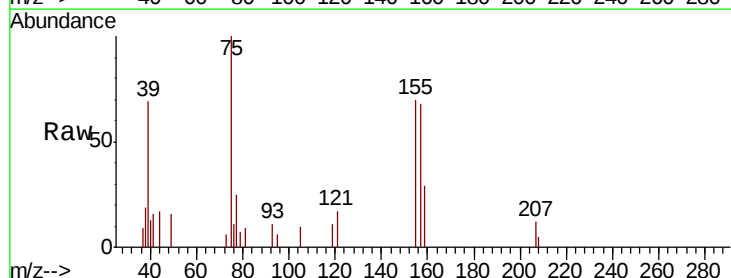
Tgt Ion: 75 Resp: 1662

Ion Ratio Lower Upper

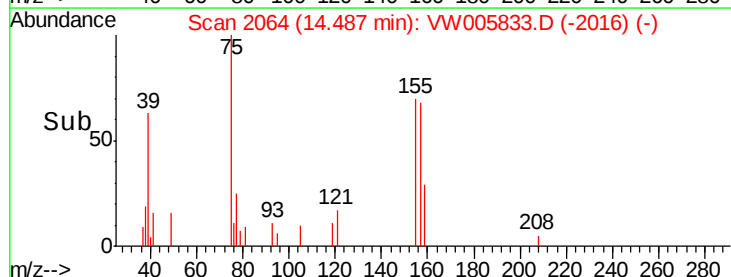
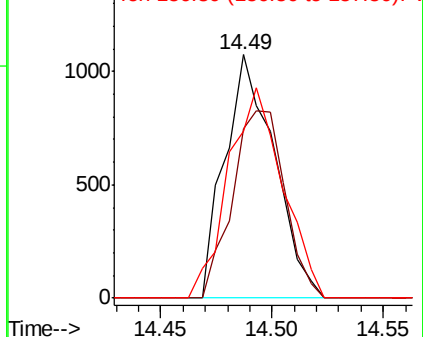
75 100

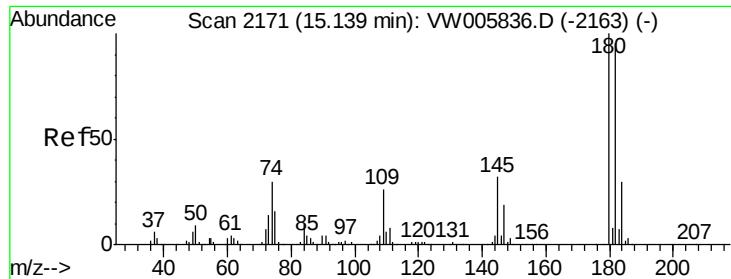
155 81.8 41.3 123.9

157 94.6 51.9 155.7



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

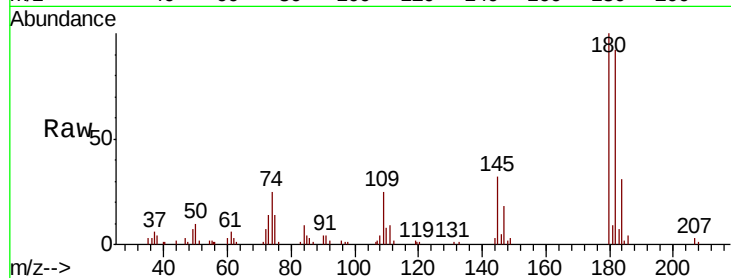




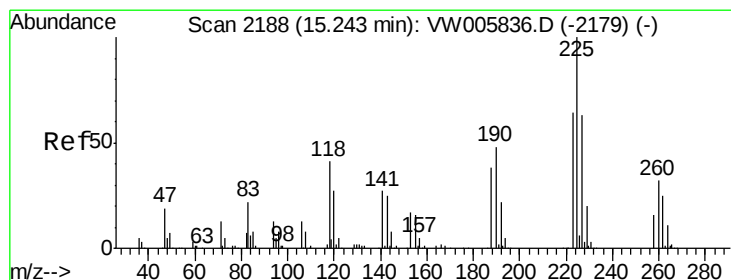
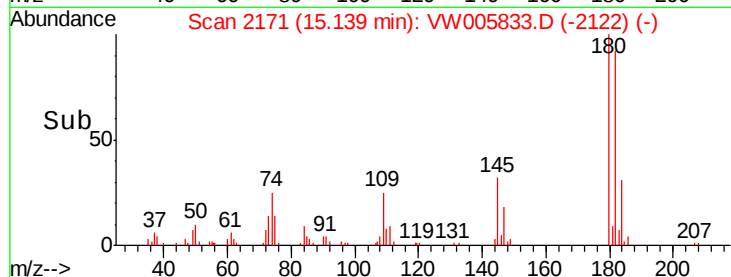
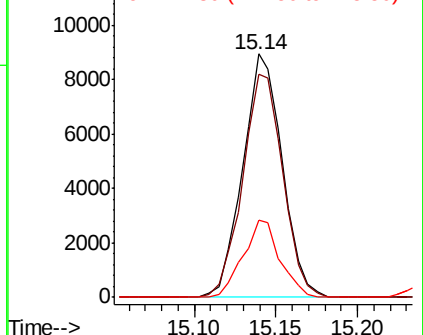
#93
 1,2,4-Trichlorobenzene
 Concen: 4.658 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 15009
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.6 142.8
 145 29.7 15.0 45.0

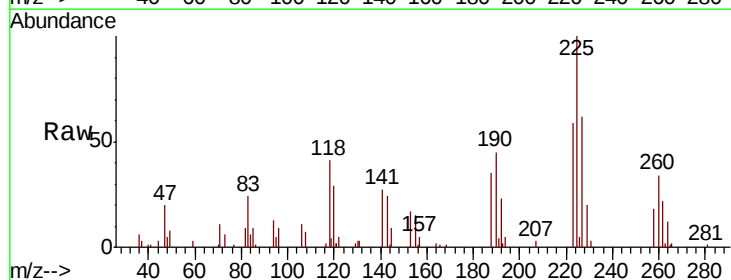


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

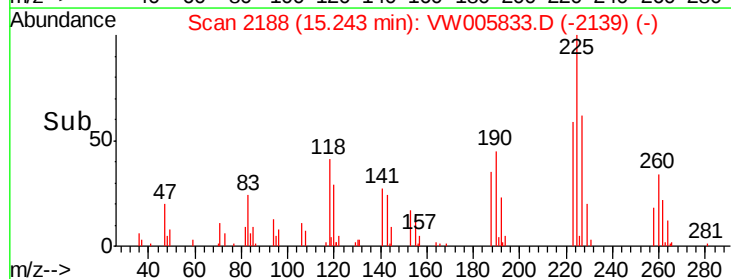
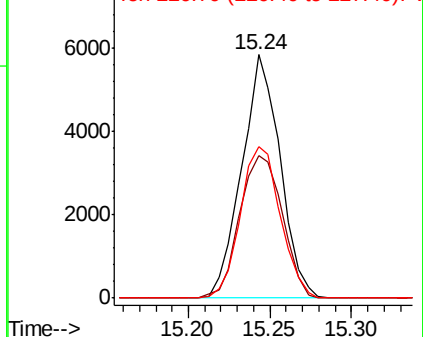


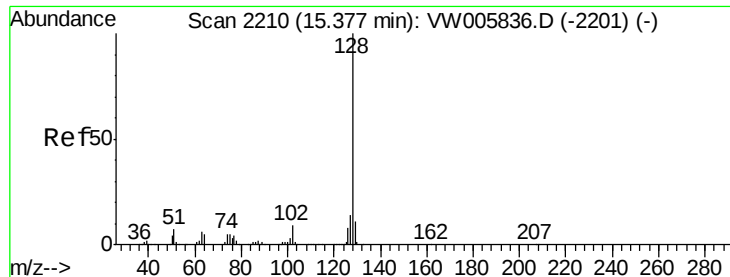
#94
 Hexachlorobutadiene
 Concen: 4.618 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 03:12

Tgt Ion:225 Resp: 9590
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.2 93.6
 227 64.4 31.7 95.1



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

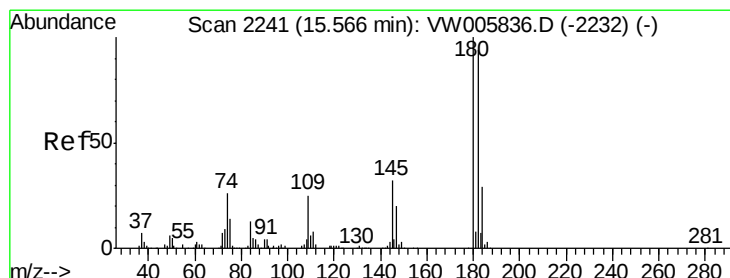
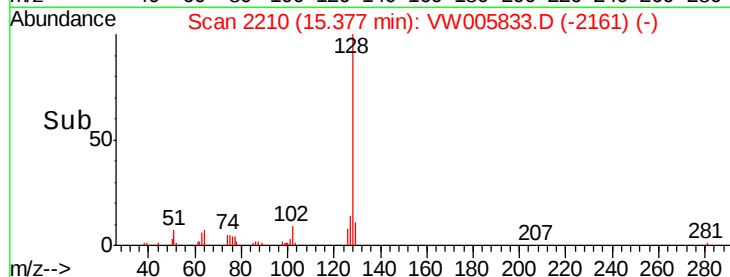
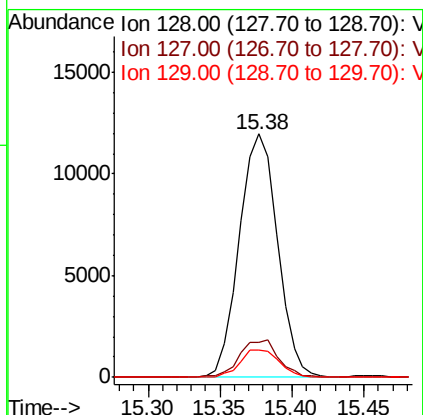
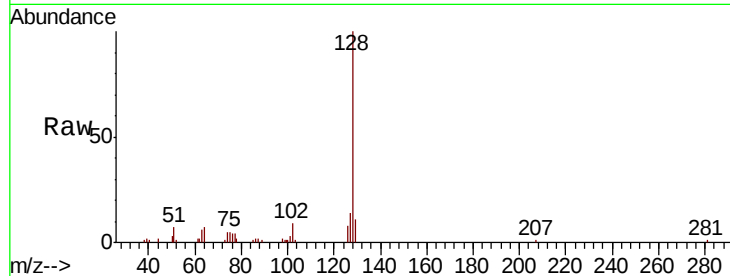




#95
Naphthalene
Concen: 4.021 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 22060
Ion Ratio Lower Upper
128 100
127 15.7 10.9 16.3
129 11.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 4.759 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 03:12

Tgt Ion:180 Resp: 13590
Ion Ratio Lower Upper
180 100
182 91.3 47.3 142.0
145 30.9 16.1 48.2

