

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004536.D
 Acq On : 08 Aug 2018 19:26
 Operator : SY/AP
 Sample : VW0810SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Quant Time: Aug 09 05:15:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	679203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1068806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1015875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	549715	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	401083	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	7.88	113	374429	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	10.33	98	1468841	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.62	95	539262	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	106873	22.929	ug/l	98
3) Chloromethane	2.22	50	130387	20.079	ug/l	96
4) Vinyl Chloride	2.37	62	196197	21.629	ug/l	97
5) Bromomethane	2.78	94	114601	21.697	ug/l	100
6) Chloroethane	2.93	64	115393	21.289	ug/l	95
7) Trichlorofluoromethane	3.25	101	75711	22.598	ug/l	95
8) Diethyl Ether	3.68	74	90209	21.285	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	156835	21.194	ug/l	99
10) Methyl Iodide	4.27	142	230175	20.732	ug/l	99
11) Tert butyl alcohol	5.23	59	43791	99.474	ug/l	99
12) 1,1-Dichloroethene	4.04	96	152860	20.523	ug/l	99
13) Acrolein	3.90	56	61377	113.791	ug/l	100
14) Allyl chloride	4.66	41	233380	20.855	ug/l	99
15) Acrylonitrile	5.38	53	197163	104.683	ug/l	99
16) Acetone	4.15	43	207482	110.502	ug/l	97
17) Carbon Disulfide	4.38	76	504734	21.086	ug/l	99
18) Methyl Acetate	4.68	43	92358	19.726	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	208898	20.561	ug/l	99
20) Methylene Chloride	4.91	84	225558	19.124	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	162406	20.233	ug/l	99
22) Diisopropyl ether	6.32	45	496753	21.601	ug/l	99
23) Vinyl Acetate	6.26	43	1429621	103.436	ug/l	100
24) 1,1-Dichloroethane	6.21	63	301299	20.469	ug/l	98
25) 2-Butanone	7.18	43	313556	103.815	ug/l	100
26) 2,2-Dichloropropane	7.17	77	161529	20.908	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	174766	20.237	ug/l	98
28) Bromochloromethane	7.51	49	136879	21.372	ug/l	100
29) Tetrahydrofuran	7.54	42	162305	103.946	ug/l	98
30) Chloroform	7.68	83	296669	20.519	ug/l	100
31) Cyclohexane	7.96	56	284085	20.171	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	224066	20.632	ug/l	99
36) 1,1-Dichloropropene	8.08	75	235843	20.494	ug/l	100
37) Ethyl Acetate	7.26	43	109992	20.408	ug/l	100
38) Carbon Tetrachloride	8.07	117	210092	20.288	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004536.D
 Acq On : 08 Aug 2018 19:26
 Operator : SY/AP
 Sample : VW0810SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Quant Time: Aug 09 05:15:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279407	19.808	ug/l	96
40) Benzene	8.32	78	690871	20.444	ug/l	100
41) Methacrylonitrile	7.49	41	64804	21.527	ug/l	94
42) 1,2-Dichloroethane	8.40	62	194608	20.814	ug/l	100
43) Isopropyl Acetate	8.43	43	188723	20.088	ug/l	99
44) Trichloroethene	9.09	130	166431	20.042	ug/l	97
45) 1,2-Dichloropropane	9.37	63	171941	20.316	ug/l	99
46) Dibromomethane	9.46	93	87985	20.422	ug/l	99
47) Bromodichloromethane	9.65	83	203771	20.037	ug/l	98
48) Methyl methacrylate	9.44	41	89298	20.337	ug/l	98
49) 1,4-Dioxane	9.48	88	26409	401.783	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	683190	104.470	ug/l	100
52) Toluene	10.39	92	418028	20.977	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	205641	20.138	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	245122	20.598	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	127522	20.651	ug/l	98
56) Ethyl methacrylate	10.65	69	148706	20.114	ug/l	99
57) 1,3-Dichloropropane	10.94	76	218584	20.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	375739	101.220	ug/l	100
59) 2-Hexanone	10.98	43	466437	105.199	ug/l	98
60) Dibromochloromethane	11.13	129	135439	20.166	ug/l	99
61) 1,2-Dibromoethane	11.24	107	119490	20.597	ug/l	99
64) Tetrachloroethene	10.87	164	140101	19.770	ug/l	96
65) Chlorobenzene	11.66	112	451862	20.183	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	153771	20.174	ug/l	99
67) Ethyl Benzene	11.74	91	758313	19.981	ug/l	98
68) m/p-Xylenes	11.84	106	602339	41.067	ug/l	99
69) o-Xylene	12.17	106	274592	20.187	ug/l	100
70) Styrene	12.19	104	474097	20.629	ug/l	100
71) Bromoform	12.35	173	83021	19.814	ug/l #	100
73) Isopropylbenzene	12.47	105	753884	19.827	ug/l	99
74) N-amyl acetate	12.28	43	182657	19.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	160960	20.279	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	202537	35.606	ug/l #	100
77) Bromobenzene	12.75	156	184411	20.046	ug/l	99
78) n-propylbenzene	12.81	91	955728	20.370	ug/l	100
79) 2-Chlorotoluene	12.90	91	545142	20.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	666562	20.550	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	45507	19.151	ug/l	96
82) 4-Chlorotoluene	12.99	91	592624	20.566	ug/l	100
83) tert-Butylbenzene	13.21	119	543848	19.990	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	690350	20.560	ug/l	100
85) sec-Butylbenzene	13.39	105	826146	20.128	ug/l	99
86) p-Isopropyltoluene	13.51	119	721846	20.296	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	378502	19.968	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	383163	20.305	ug/l	100
89) n-Butylbenzene	13.83	91	695310	19.898	ug/l	99
90) Hexachloroethane	14.10	117	125545	19.079	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	347848	20.227	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26106	20.128	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
Data File : VW004536.D
Acq On : 08 Aug 2018 19:26
Operator : SY/AP
Sample : VW0810SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Quant Time: Aug 09 05:15:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration

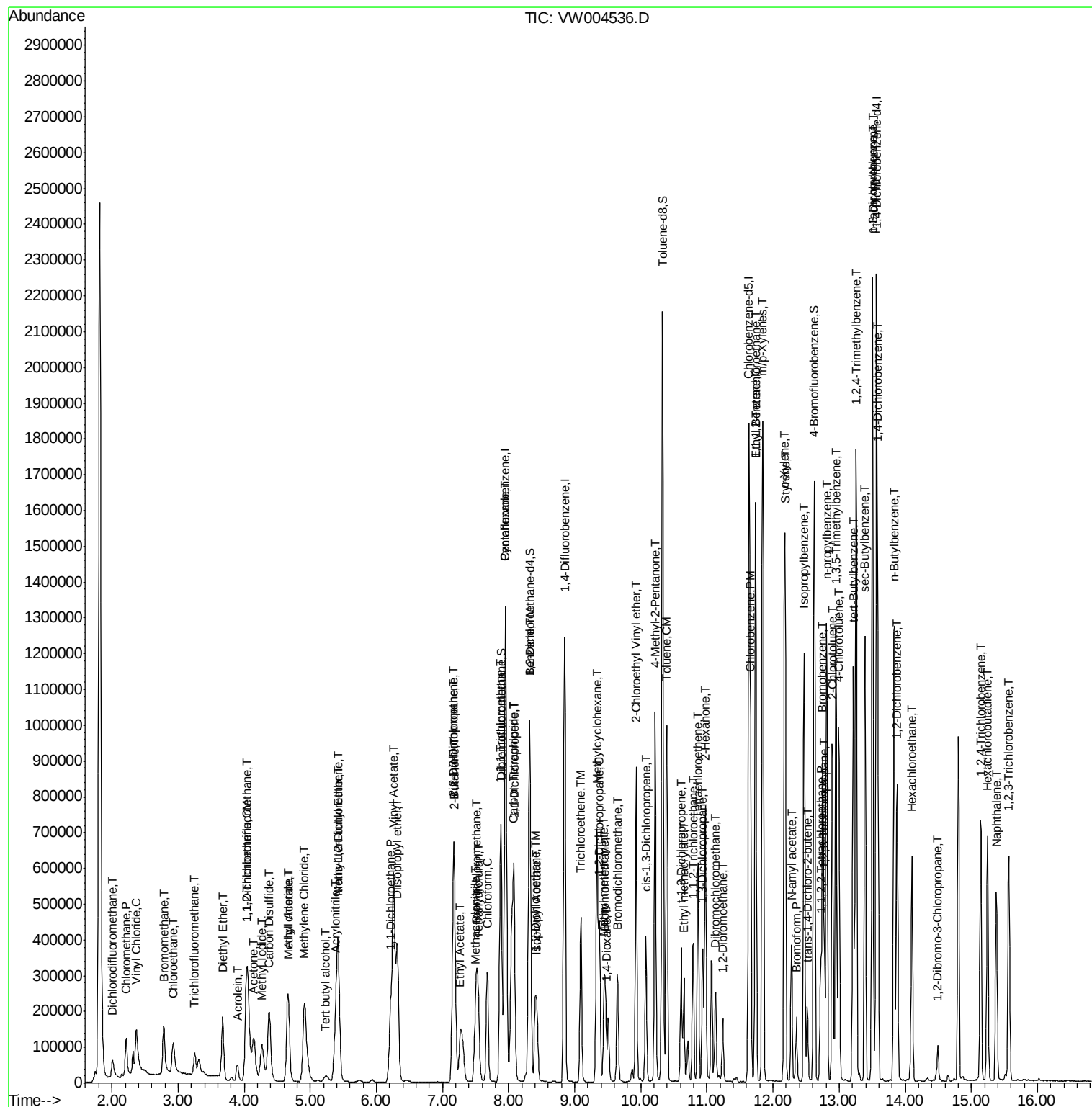
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	240995	20.241	ug/l	99
94) Hexachlorobutadiene	15.24	225	139616	20.138	ug/l	99
95) Naphthalene	15.38	128	448613	20.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	222718	20.816	ug/l	100

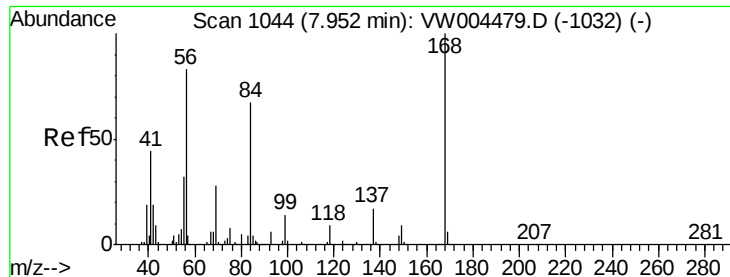
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
Data File : VW004536.D
Acq On : 08 Aug 2018 19:26
Operator : SY/AP
Sample : VW0810SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Quant Time: Aug 09 05:15:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

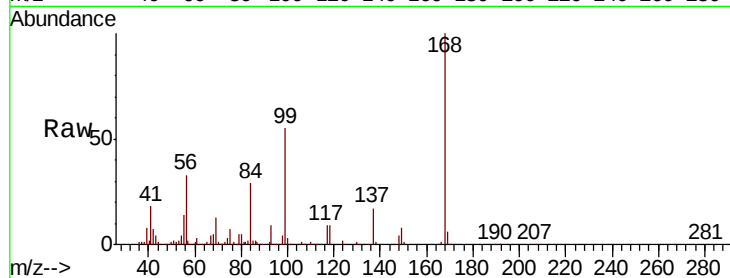
VW0810SBSD01

Tgt Ion:168 Resp: 679203

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

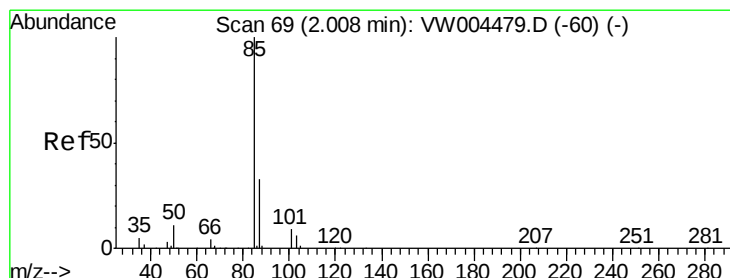
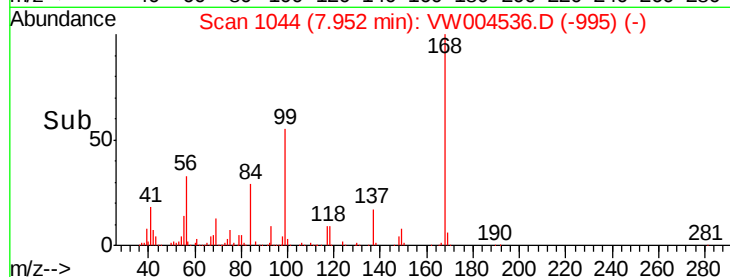
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.929 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004536.D

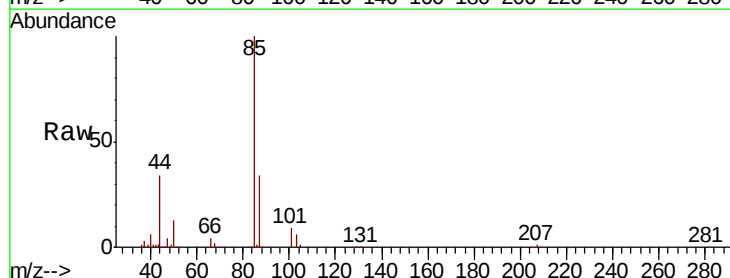
Acq: 08 Aug 2018 19:26

Tgt Ion: 85 Resp: 106873

Ion Ratio Lower Upper

85 100

87 34.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

15000

10000

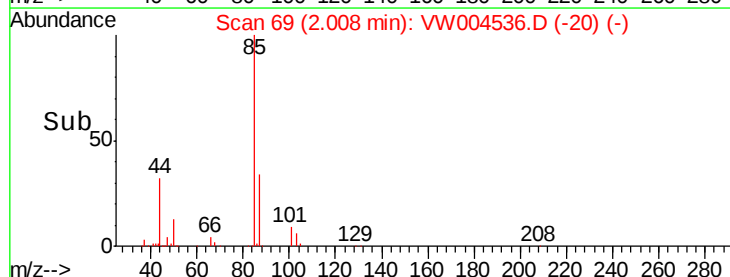
5000

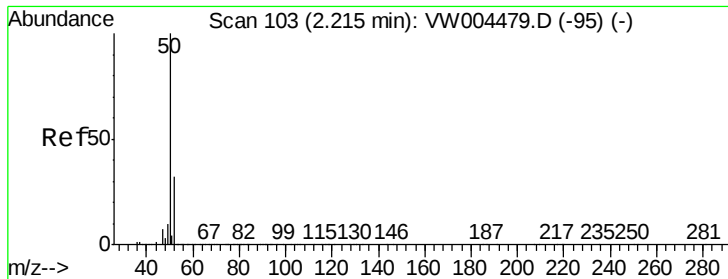
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 20.079 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

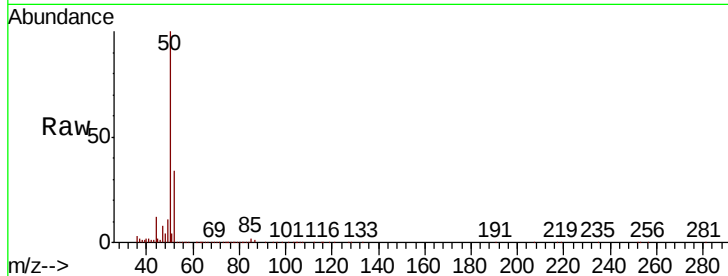
VW0810SBSD01

Tgt Ion: 50 Resp: 130387

Ion Ratio Lower Upper

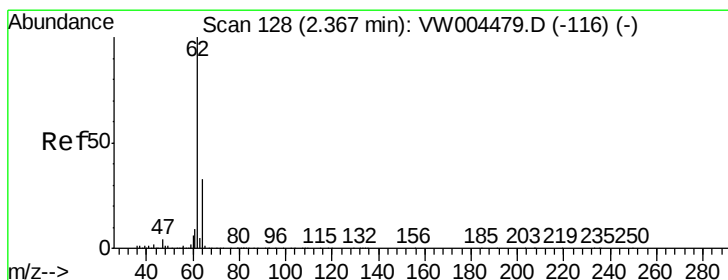
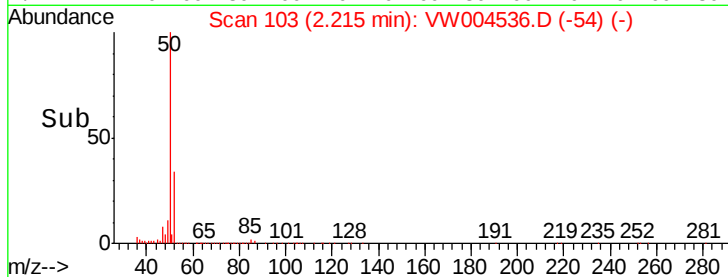
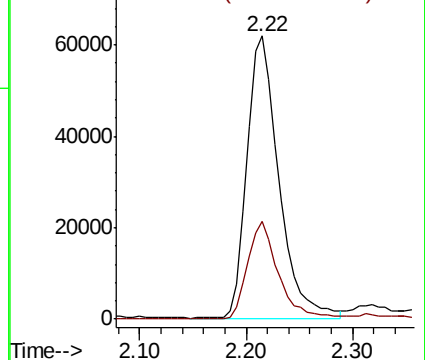
50 100

52 34.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.629 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004536.D

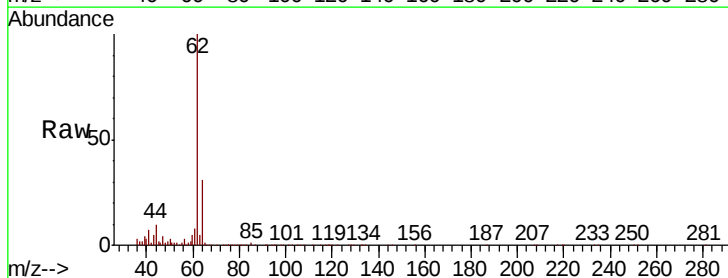
Acq: 08 Aug 2018 19:26

Tgt Ion: 62 Resp: 196197

Ion Ratio Lower Upper

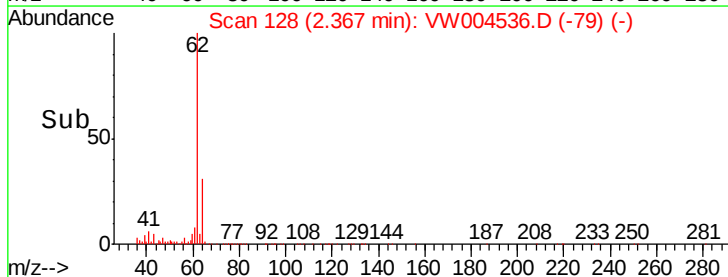
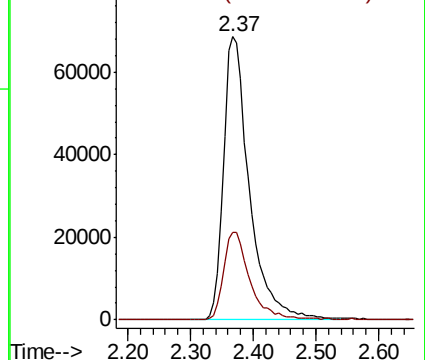
62 100

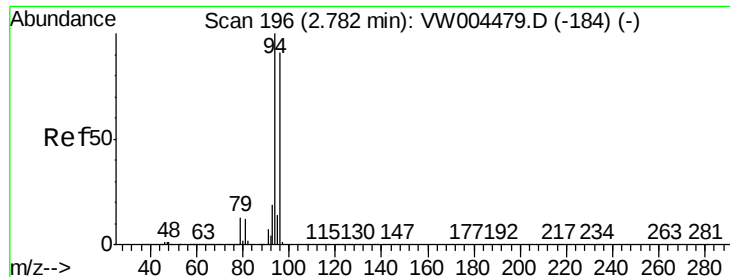
64 30.9 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.697 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

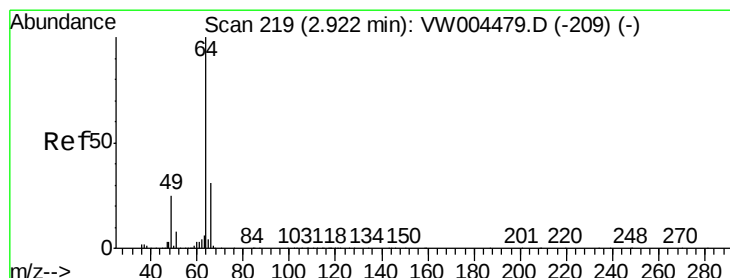
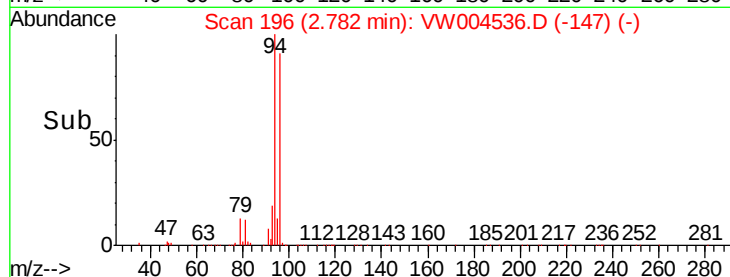
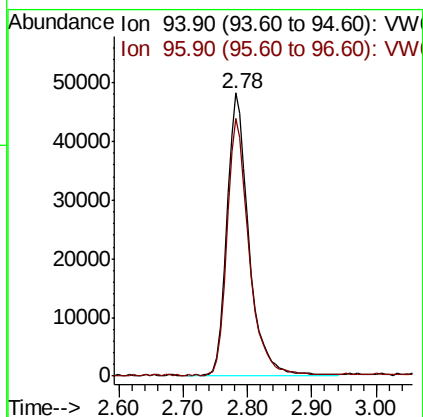
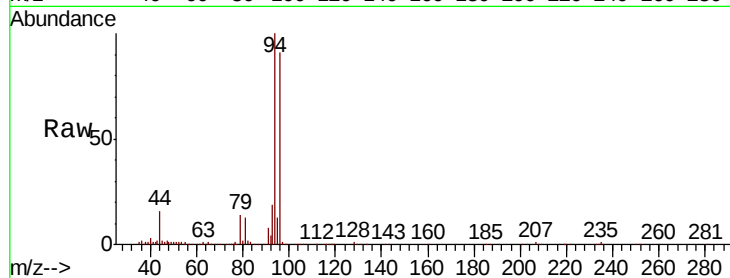
VW0810SBSD01

Tgt Ion: 94 Resp: 114601

Ion Ratio Lower Upper

94 100

96 90.7 72.9 109.3



#6

Chloroethane

Concen: 21.289 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004536.D

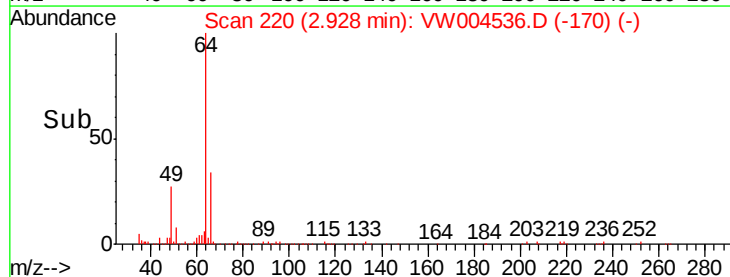
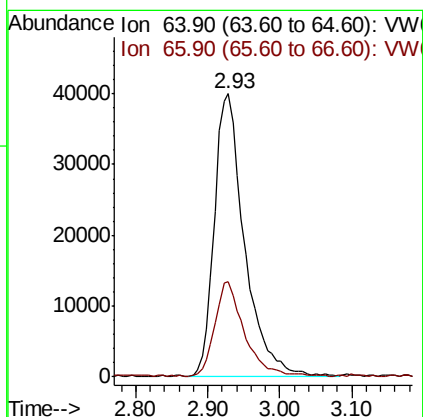
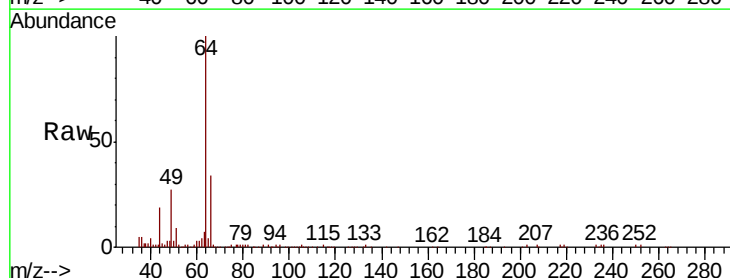
Acq: 08 Aug 2018 19:26

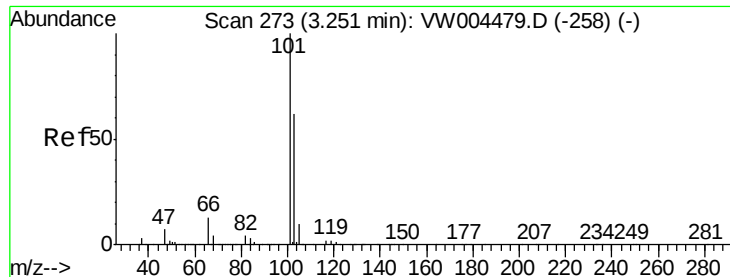
Tgt Ion: 64 Resp: 115393

Ion Ratio Lower Upper

64 100

66 33.5 24.6 36.8



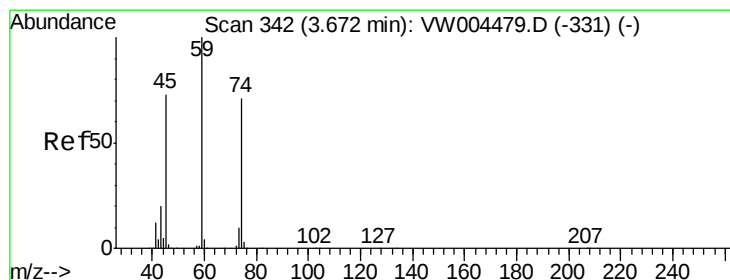
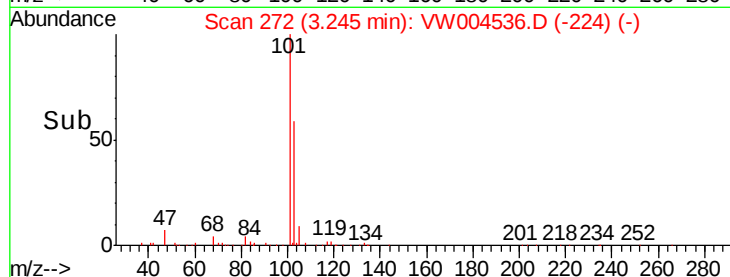
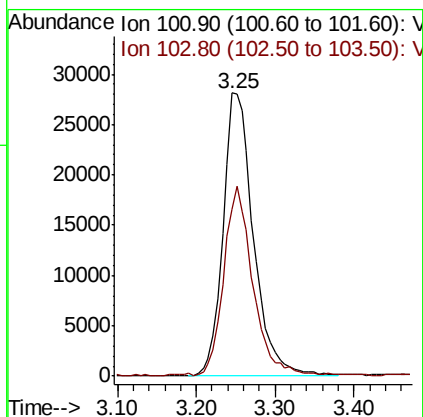
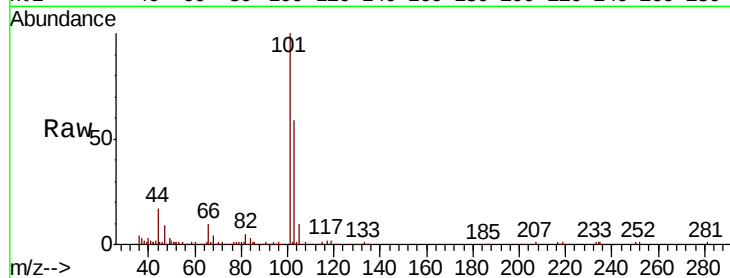


#7

Trichlorofluoromethane
Concen: 22.598 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

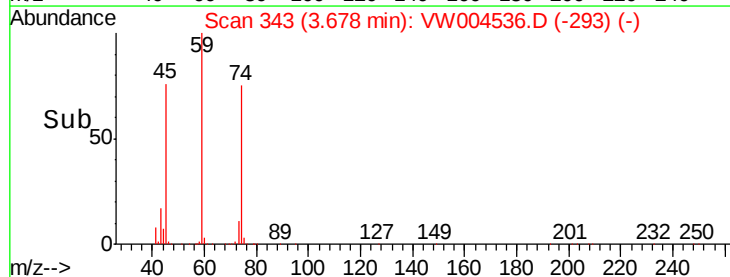
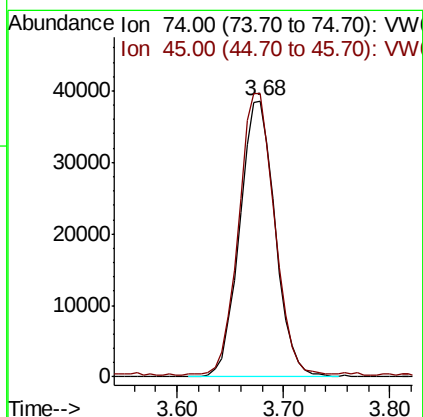
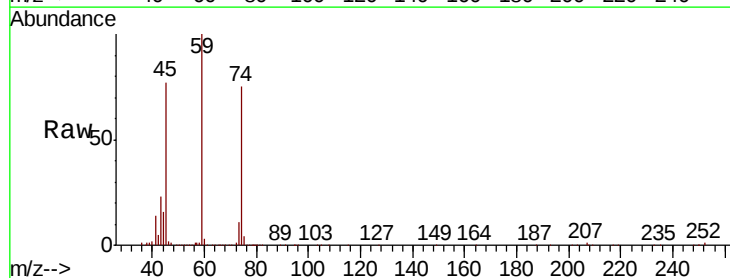
Tgt Ion:101 Resp: 75711
Ion Ratio Lower Upper
101 100
103 58.6 49.8 74.8

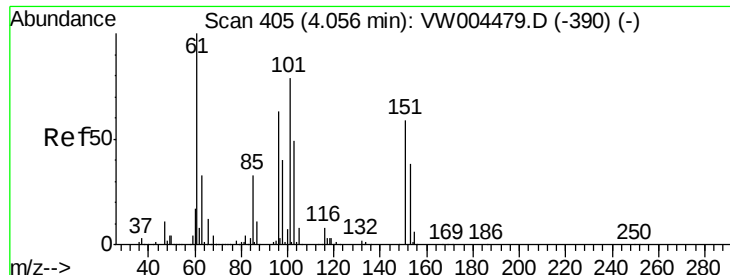


#8

Diethyl Ether
Concen: 21.285 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion: 74 Resp: 90209
Ion Ratio Lower Upper
74 100
45 102.6 51.2 153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.194 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

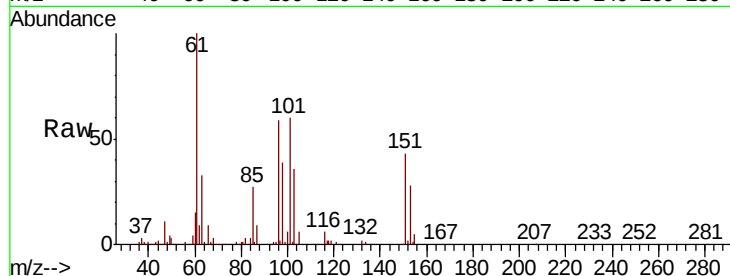
Tgt Ion:101 Resp: 156835

Ion Ratio Lower Upper

101 100

85 43.9 34.6 51.8

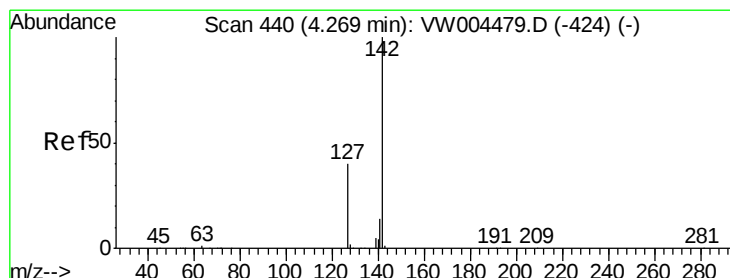
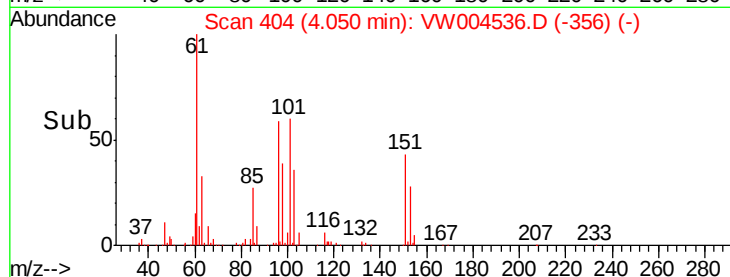
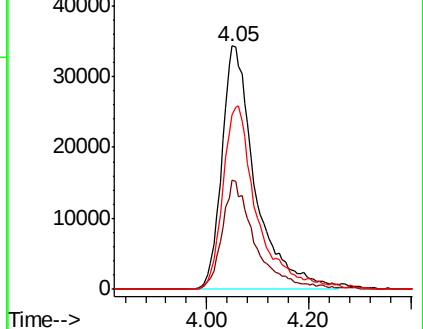
151 75.6 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.732 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

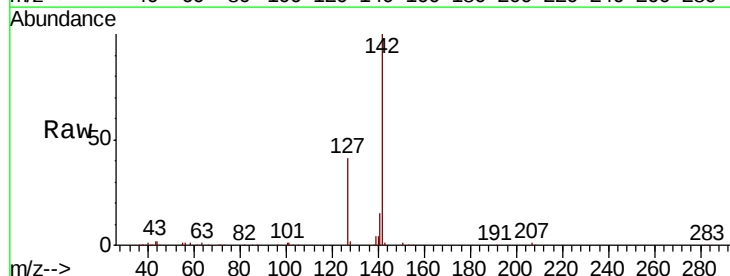
Tgt Ion:142 Resp: 230175

Ion Ratio Lower Upper

142 100

127 41.7 32.7 49.1

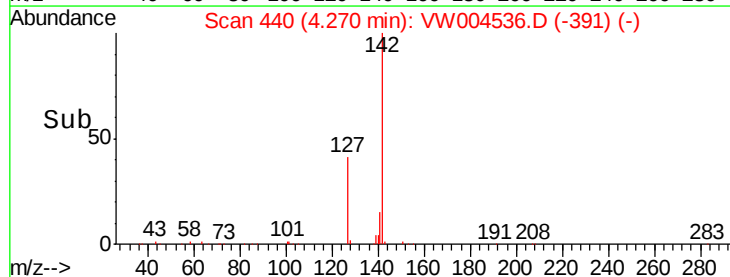
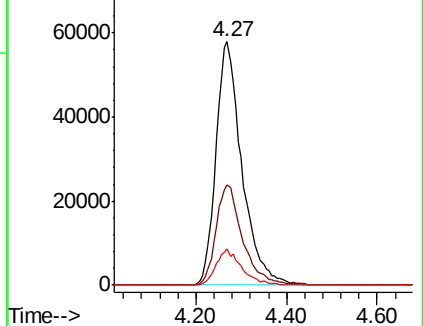
141 14.1 11.5 17.3

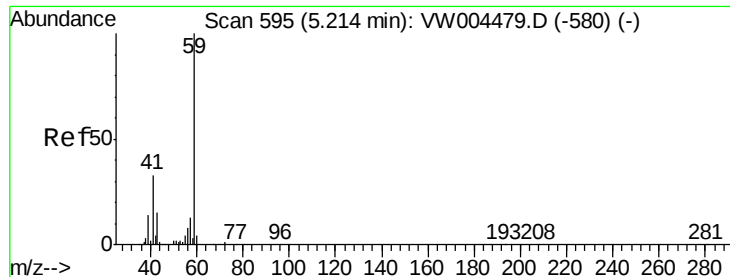


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



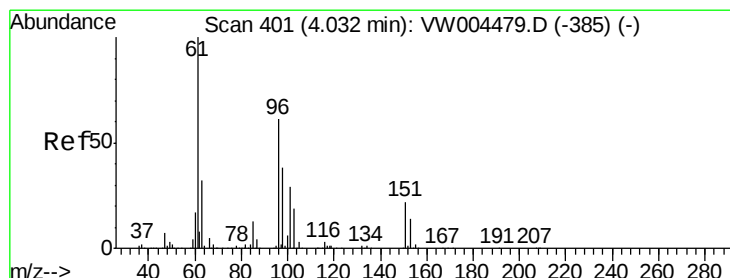
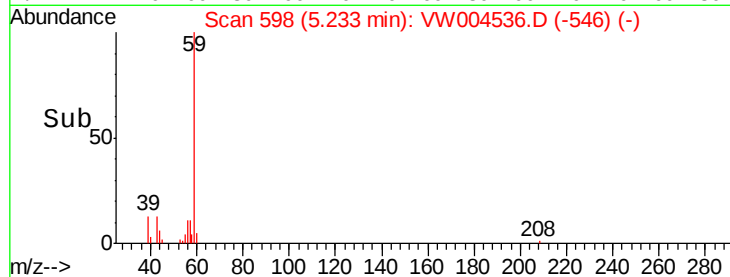
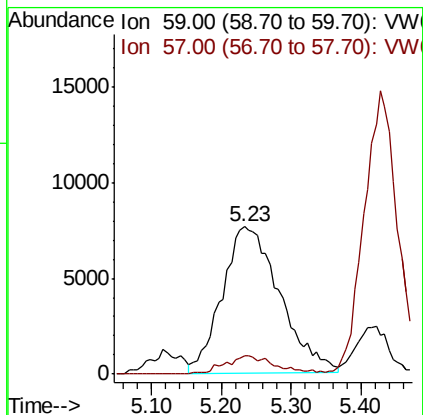
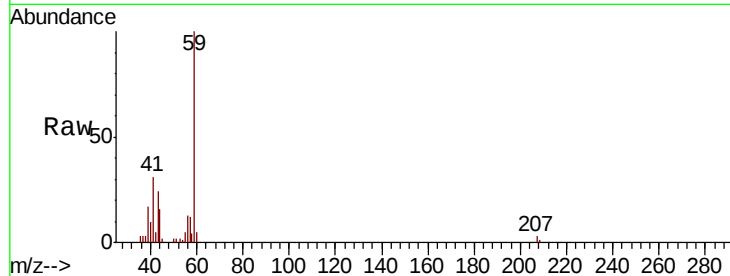


#11

Tert butyl alcohol
 Concen: 99.474 ug/l
 RT: 5.23 min Scan# 598
 Delta R.T. 0.02 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

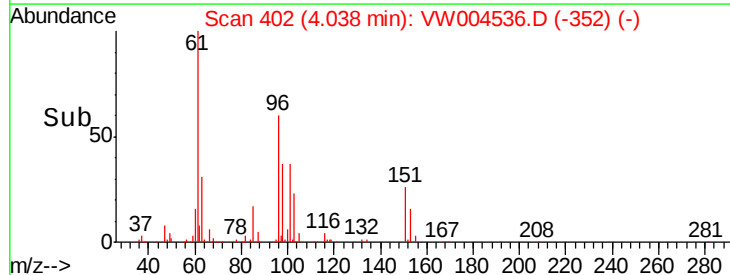
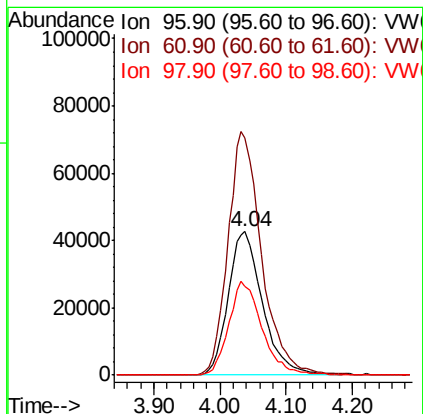
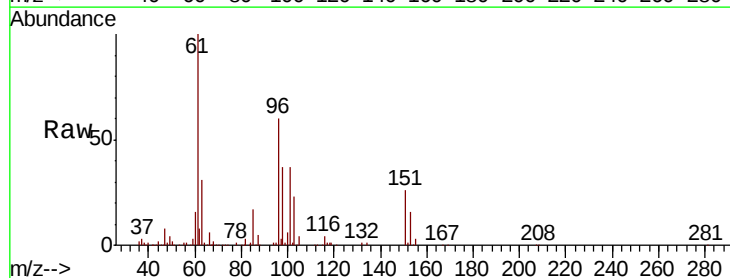
Tgt Ion: 59 Resp: 43791
 Ion Ratio Lower Upper
 59 100
 57 11.0 9.1 13.7

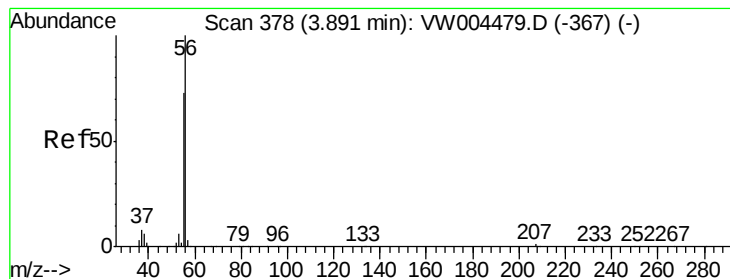


#12

1,1-Dichloroethene
 Concen: 20.523 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 96 Resp: 152860
 Ion Ratio Lower Upper
 96 100
 61 165.7 130.6 195.8
 98 62.1 49.6 74.4





#13

Acrolein

Concen: 113.791 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

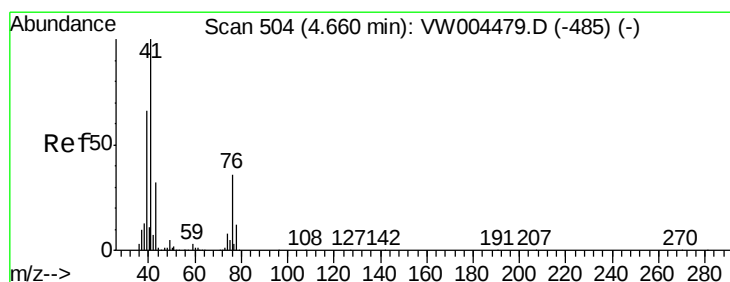
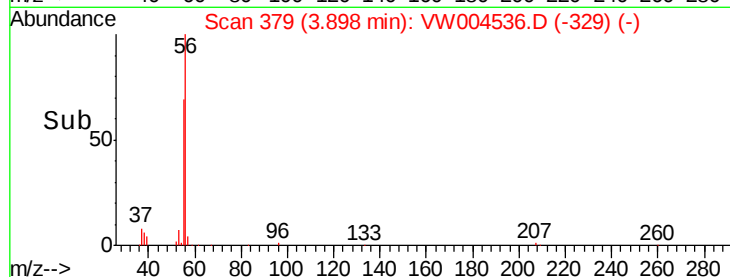
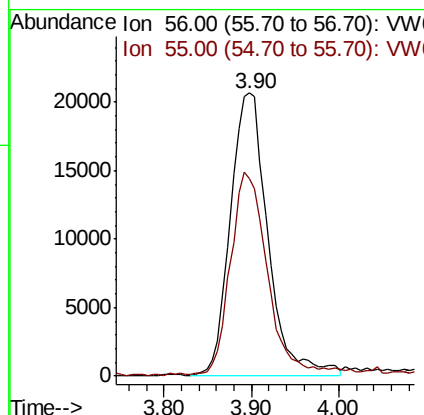
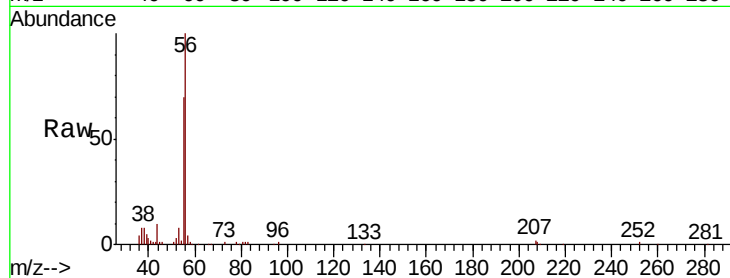
VW0810SBSD01

Tgt Ion: 56 Resp: 61377

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Allyl chloride

Concen: 20.855 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

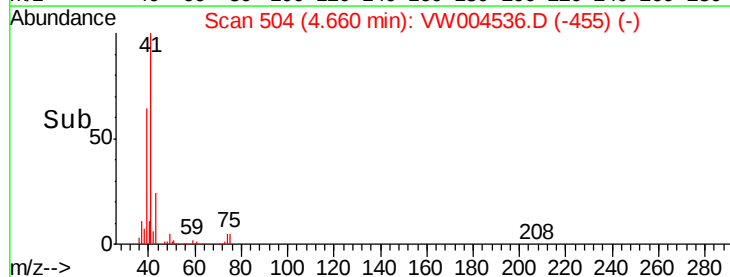
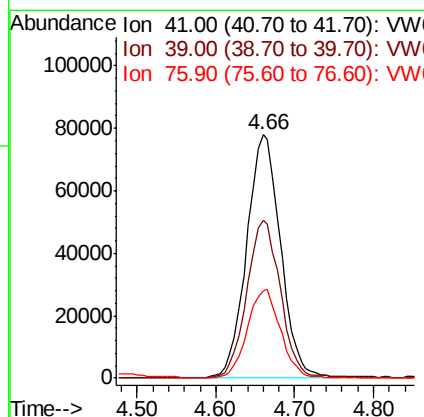
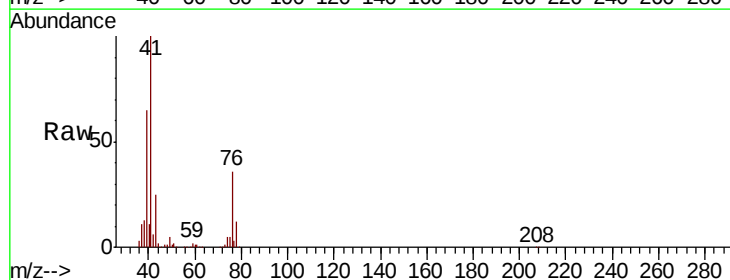
Tgt Ion: 41 Resp: 233380

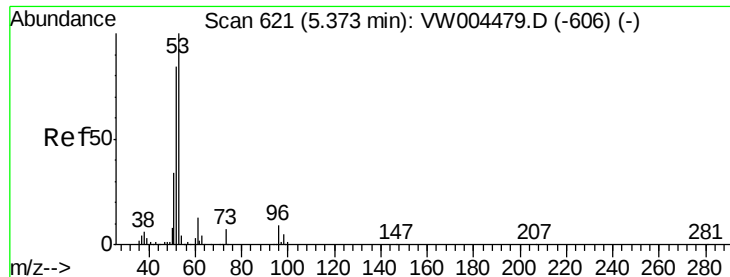
Ion Ratio Lower Upper

41 100

39 64.2 51.9 77.9

76 35.7 29.0 43.6





#15

Acrylonitrile

Concen: 104.683 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

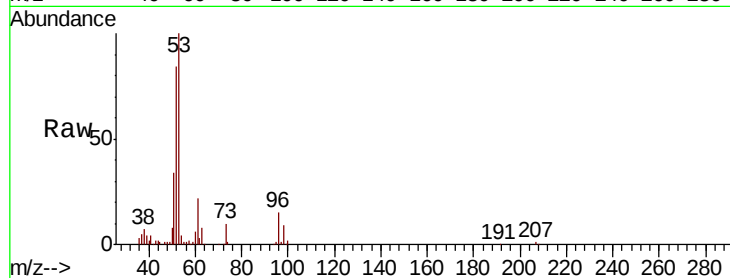
Tgt Ion: 53 Resp: 197163

Ion Ratio Lower Upper

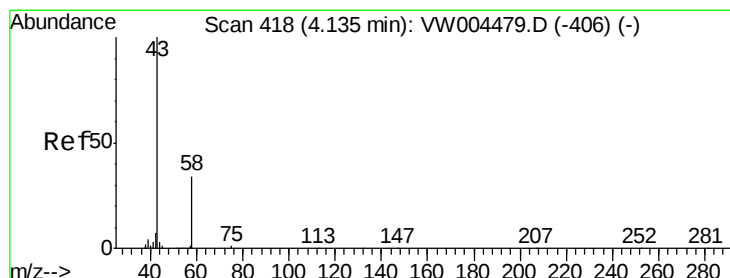
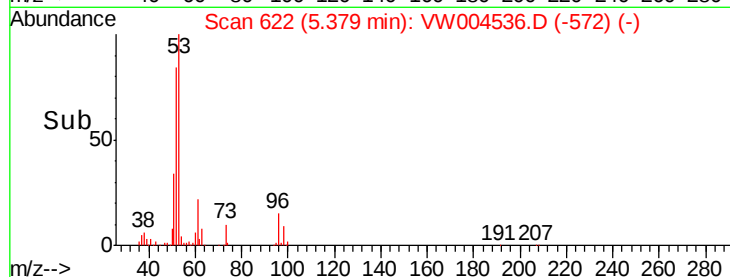
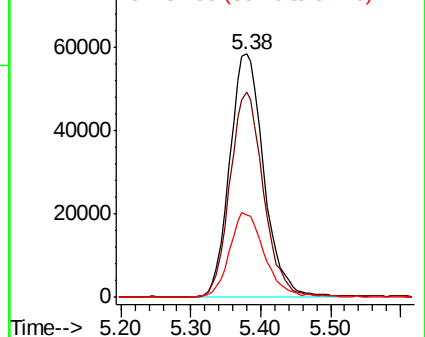
53 100

52 83.5 66.5 99.7

51 36.0 28.4 42.6



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: 110.502 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004536.D

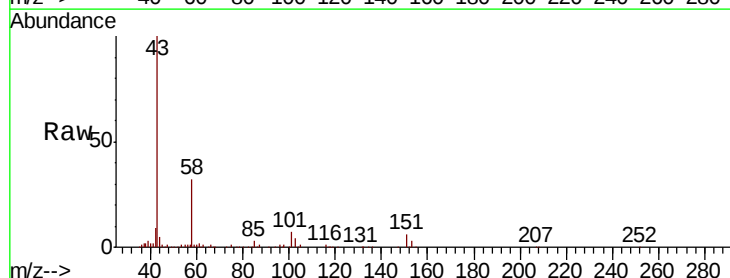
Acq: 08 Aug 2018 19:26

Tgt Ion: 43 Resp: 207482

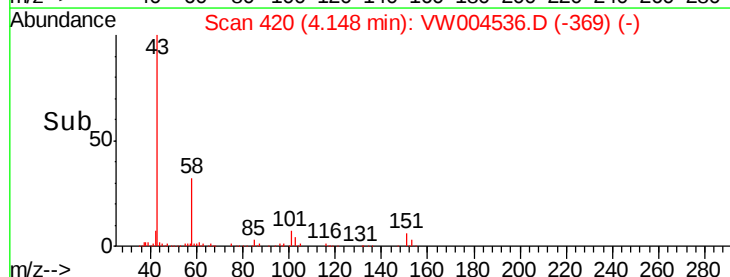
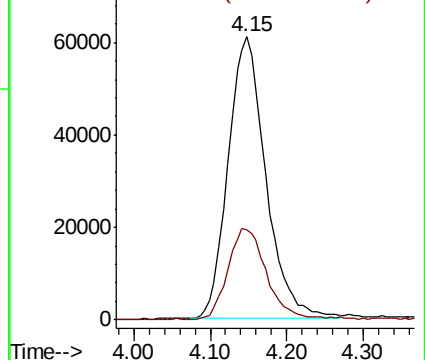
Ion Ratio Lower Upper

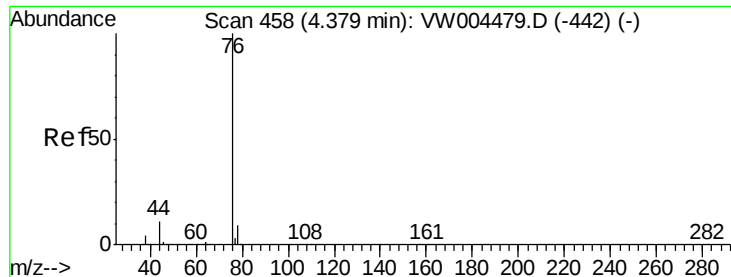
43 100

58 31.9 26.8 40.2



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

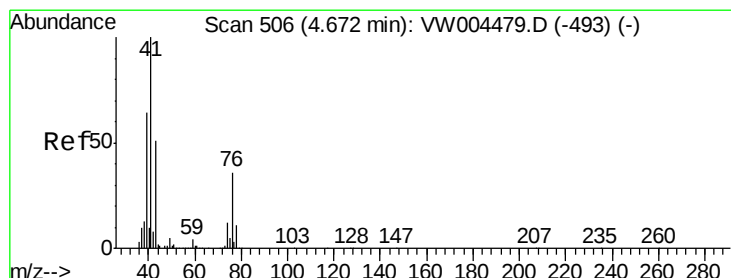
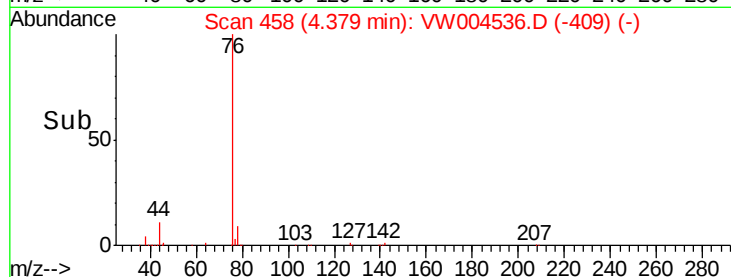
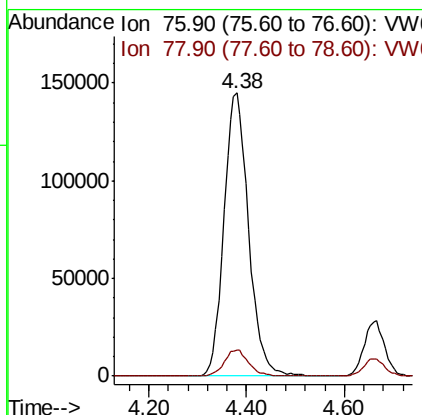
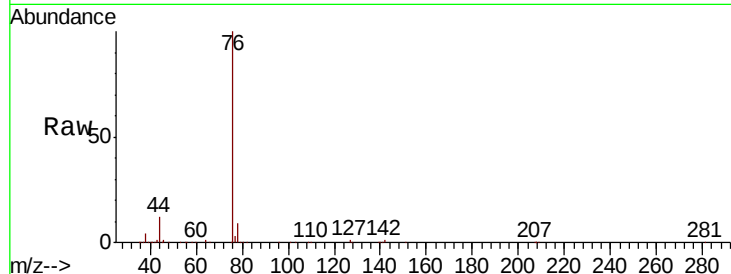




#17
Carbon Disulfide
Concen: 21.086 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

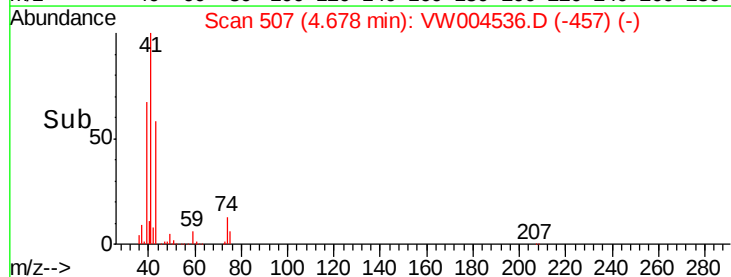
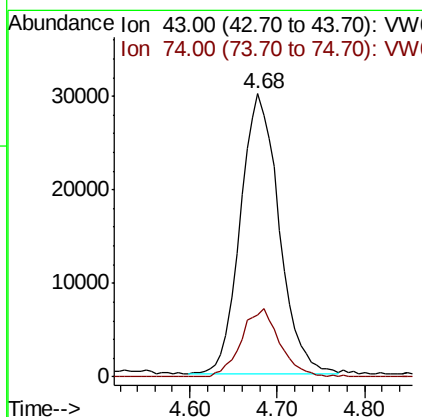
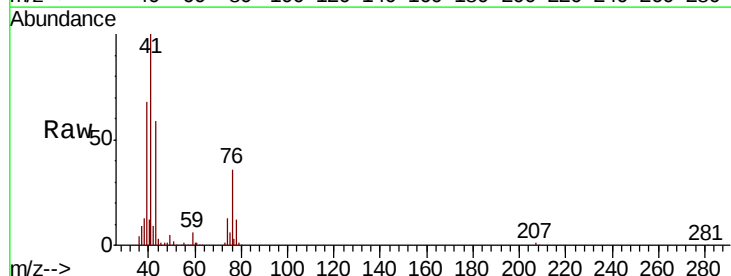
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

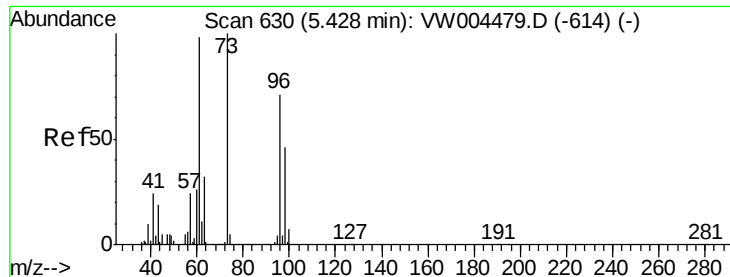
Tgt Ion: 76 Resp: 504734
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 19.726 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion: 43 Resp: 92358
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7



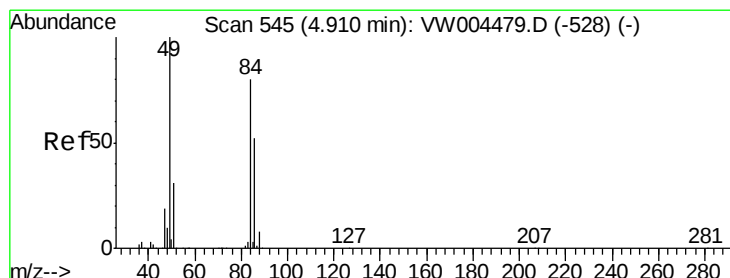
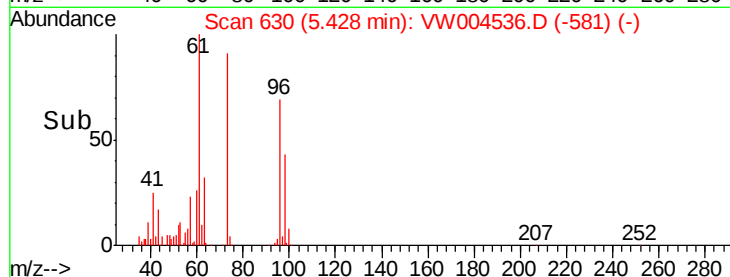
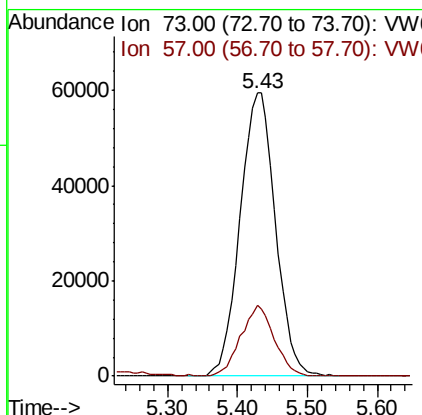
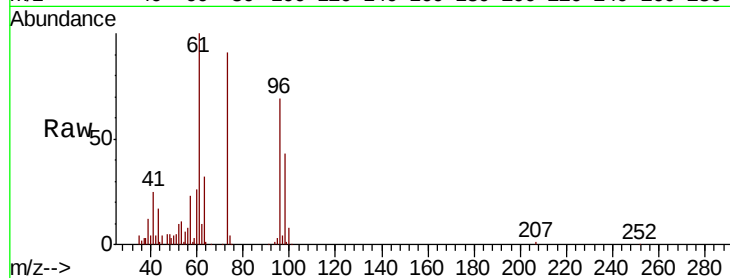


#19

Methyl tert-butyl Ether
 Concen: 20.561 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

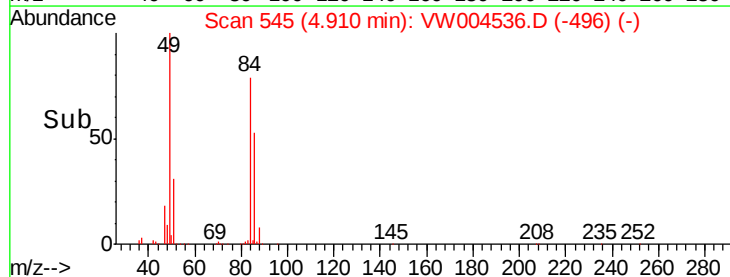
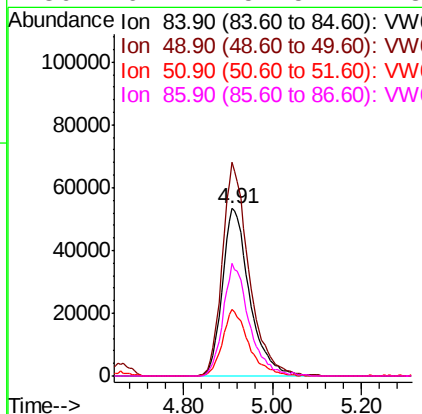
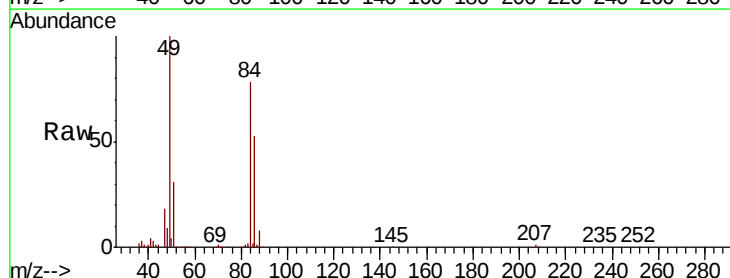
Tgt Ion: 73 Resp: 208898
 Ion Ratio Lower Upper
 73 100
 57 24.7 19.6 29.4

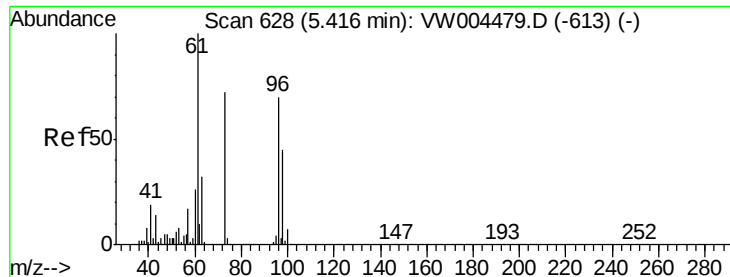


#20

Methylene Chloride
 Concen: 19.124 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 84 Resp: 225558
 Ion Ratio Lower Upper
 84 100
 49 127.6 99.6 149.4
 51 39.6 31.0 46.4
 86 67.2 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 20.233 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

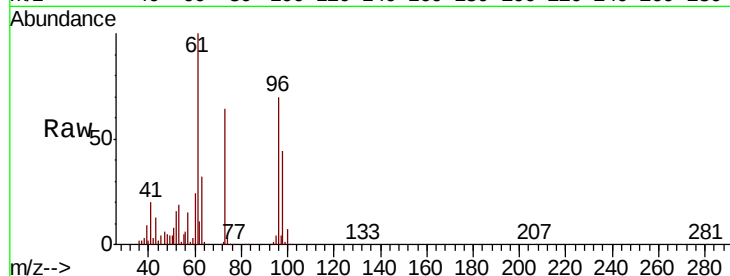
Tgt Ion: 96 Resp: 162406

Ion Ratio Lower Upper

96 100

61 143.2 114.1 171.1

98 63.4 51.4 77.2

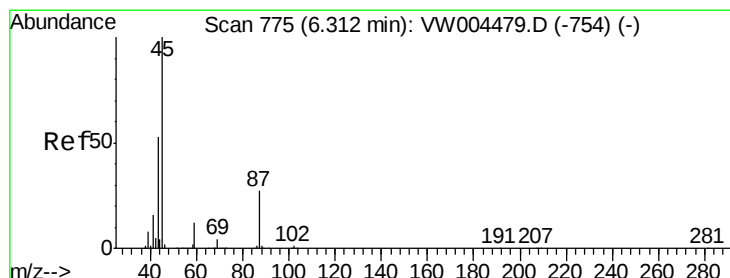
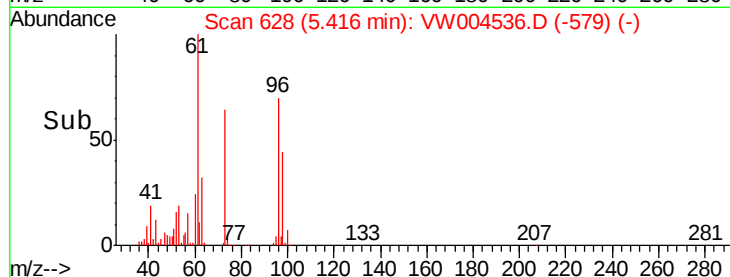
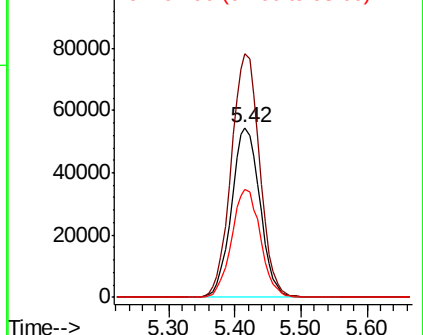


Abundance

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: 21.601 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion: 45 Resp: 496753

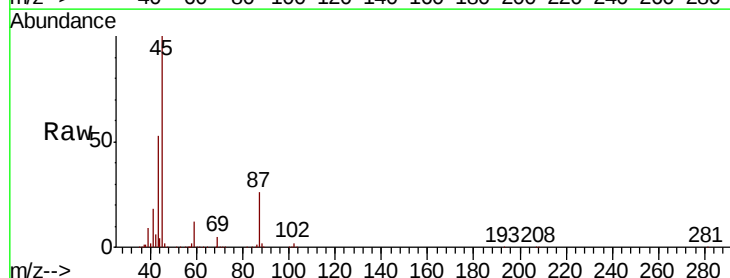
Ion Ratio Lower Upper

45 100

43 53.0 42.4 63.6

87 25.7 21.6 32.4

59 11.7 9.6 14.4



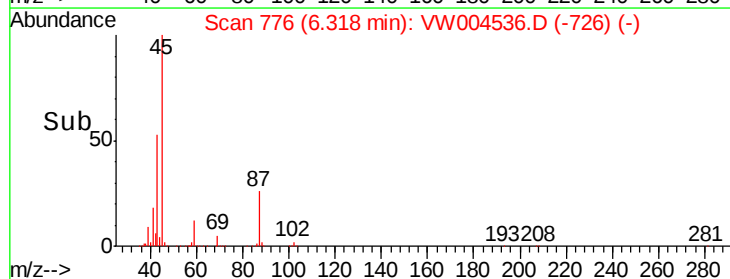
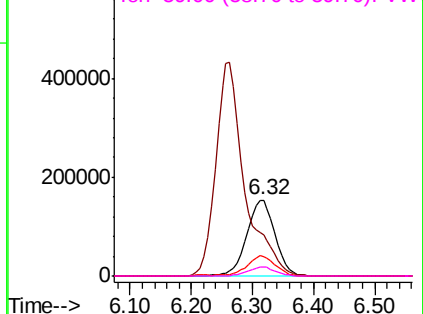
Abundance

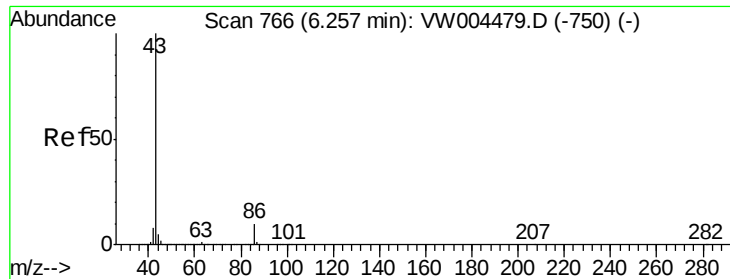
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 103.436 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

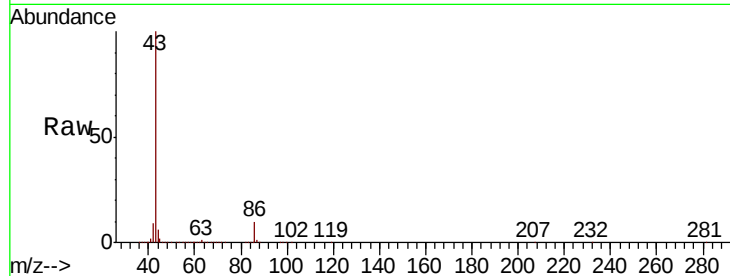
VW0810SBSD01

Tgt Ion: 43 Resp: 1429621

Ion Ratio Lower Upper

43 100

86 10.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

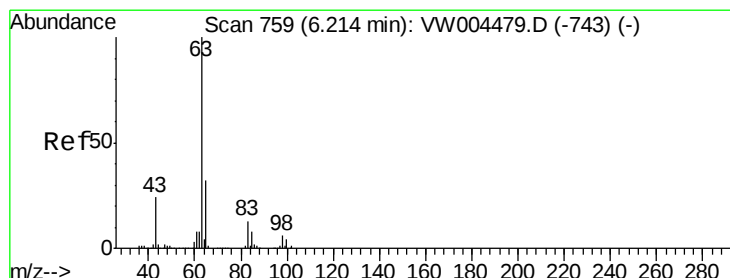
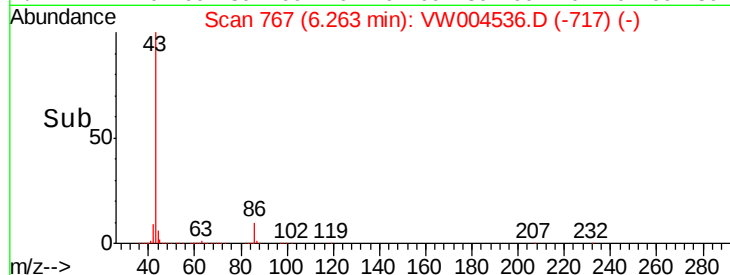
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.469 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

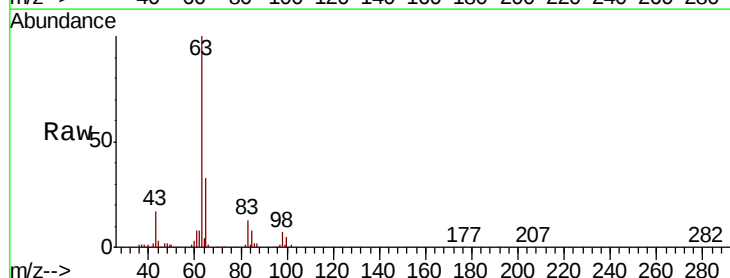
Tgt Ion: 63 Resp: 301299

Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.3

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

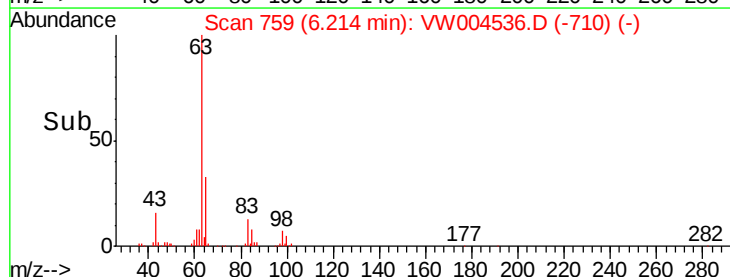
6.21

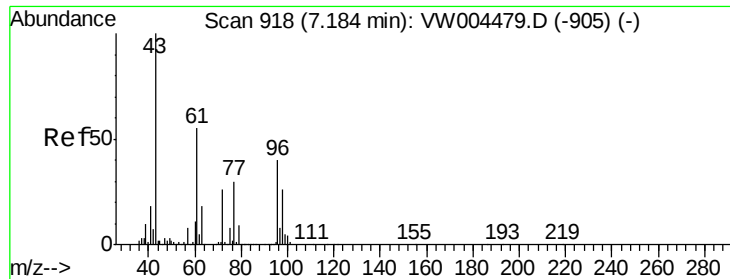
100000

50000

0

Time-->





#25

2-Butanone

Concen: 103.815 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

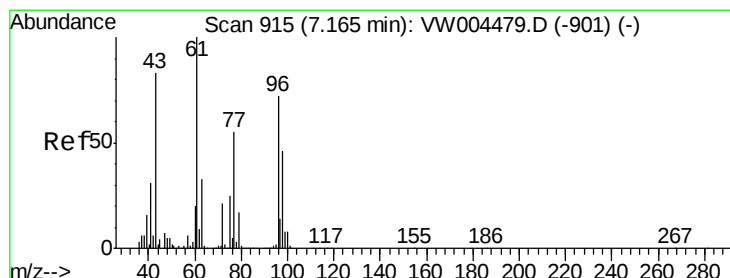
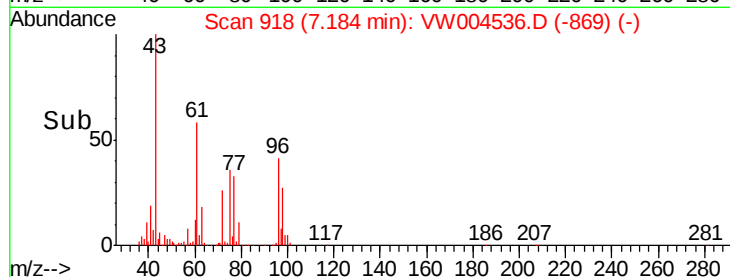
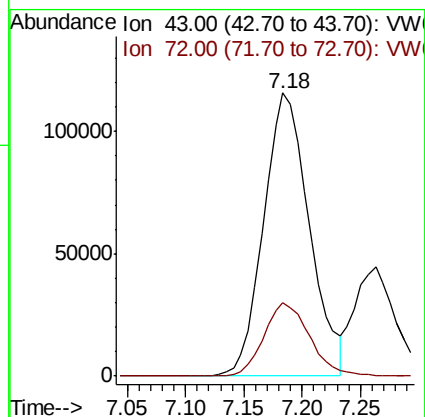
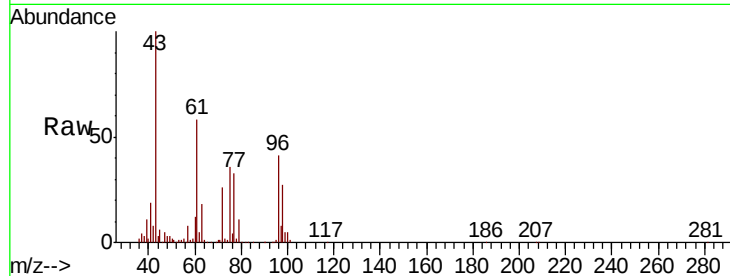
VW0810SBSD01

Tgt Ion: 43 Resp: 313556

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.908 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004536.D

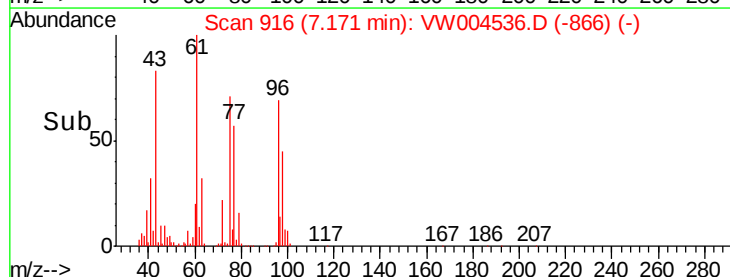
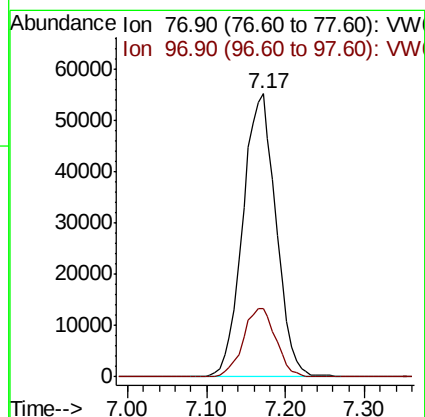
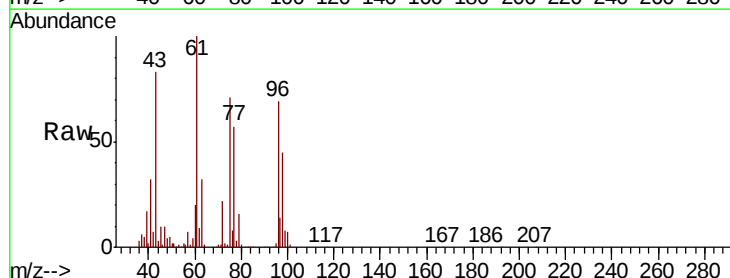
Acq: 08 Aug 2018 19:26

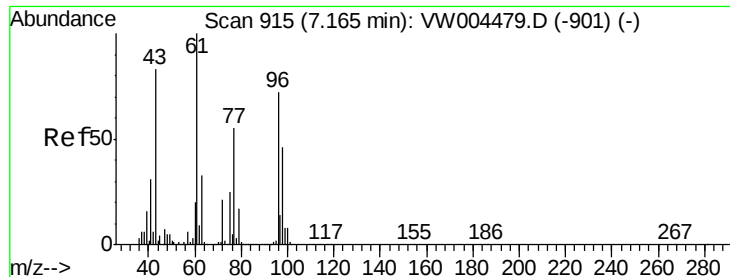
Tgt Ion: 77 Resp: 161529

Ion Ratio Lower Upper

77 100

97 24.0 12.5 37.5



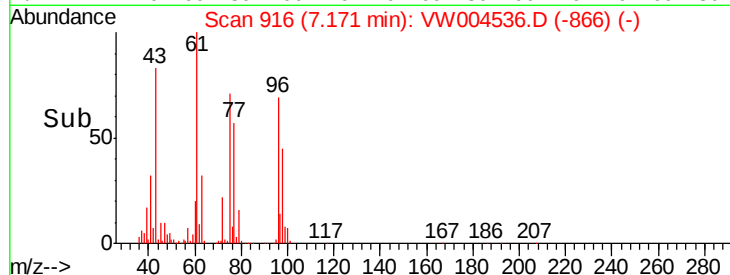
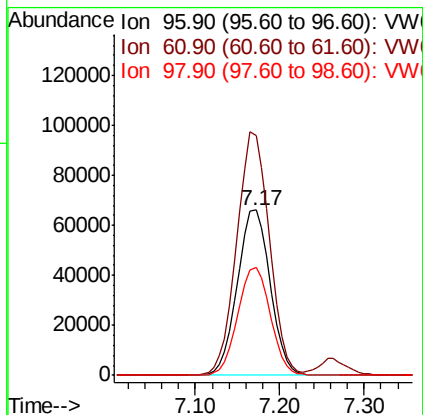
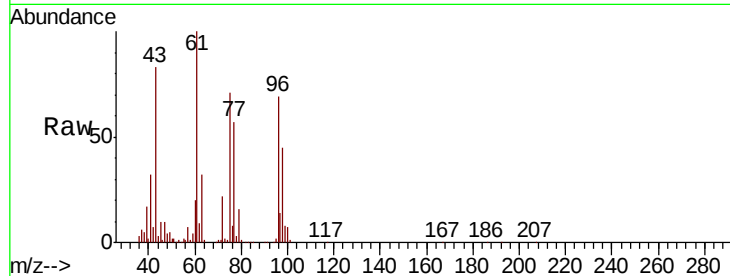


#27

cis-1,2-Dichloroethene
 Concen: 20.237 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

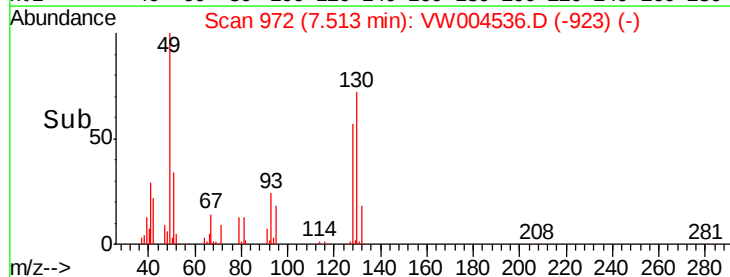
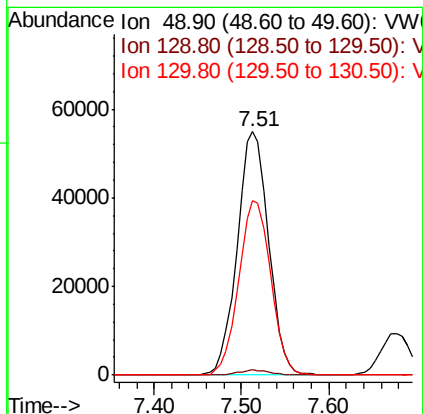
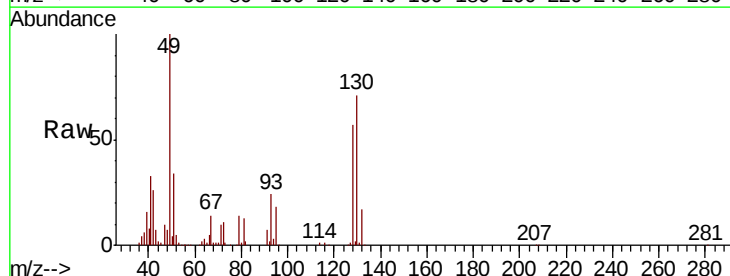
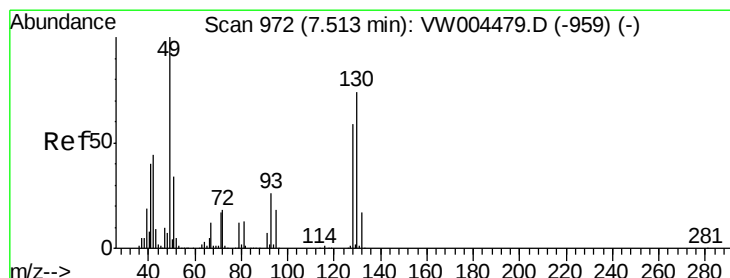
Tgt Ion: 96 Resp: 174766
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 285.0
 98 64.9 0.0 128.6

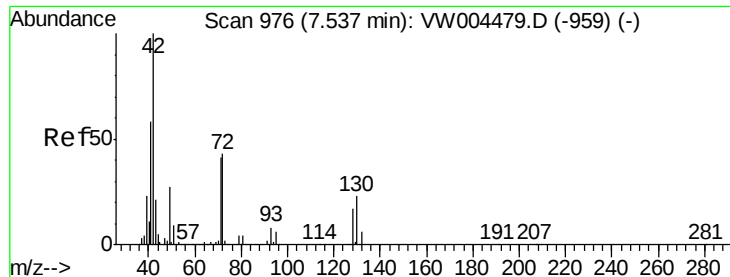


#28

Bromochloromethane
 Concen: 21.372 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 49 Resp: 136879
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 73.2 58.8 88.2

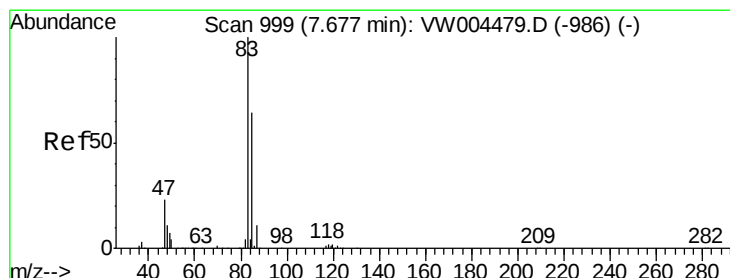
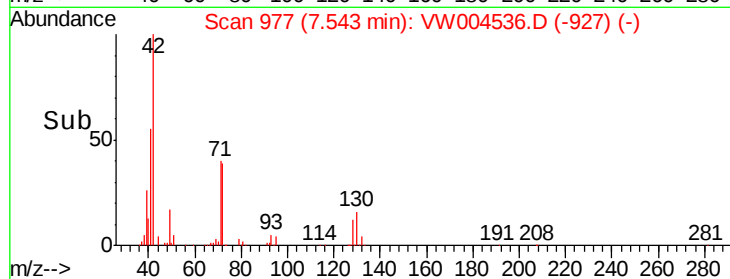
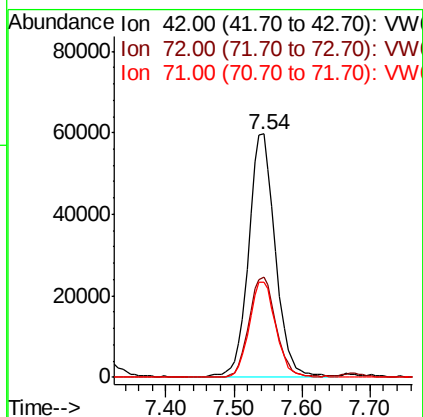
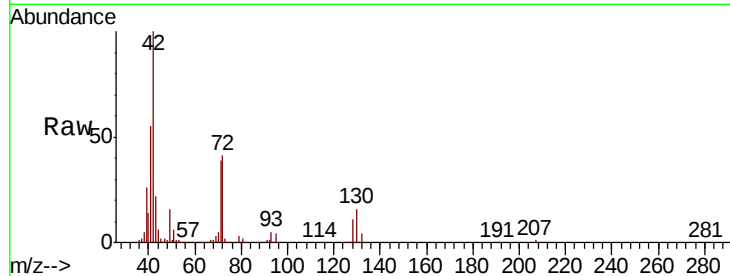




#29
Tetrahydrofuran
Concen: 103.946 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

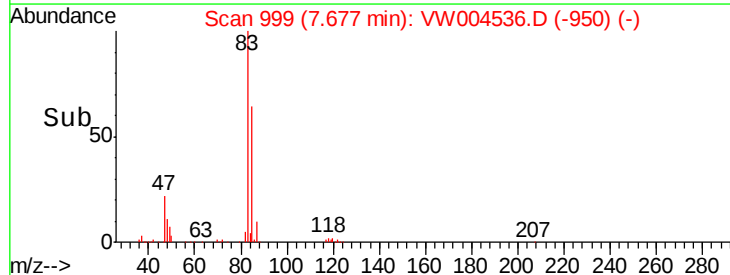
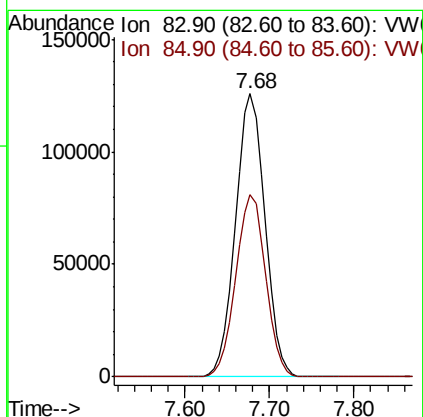
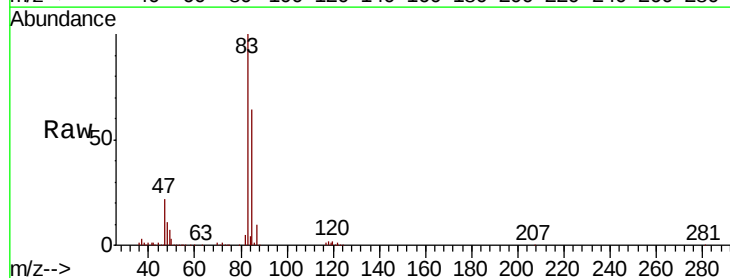
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

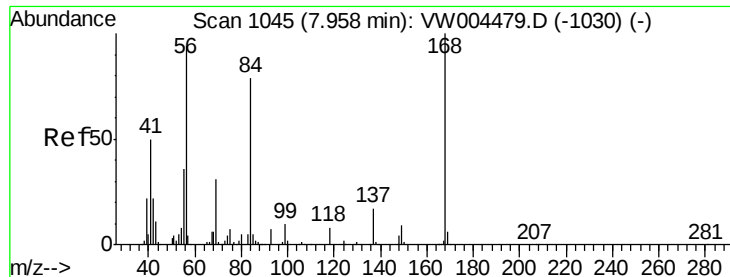
Tgt Ion:	42	Resp:	162305
Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.1	51.1
71	39.2	32.5	48.7



#30
Chloroform
Concen: 20.519 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion:	83	Resp:	296669
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.3	76.9

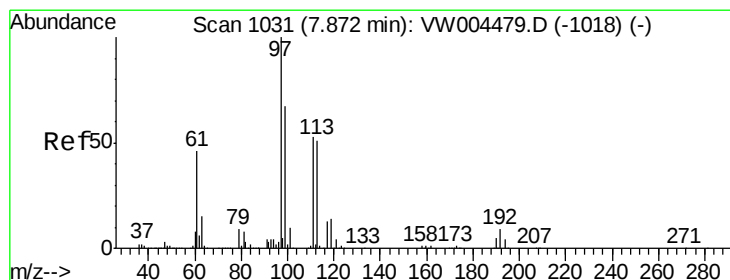
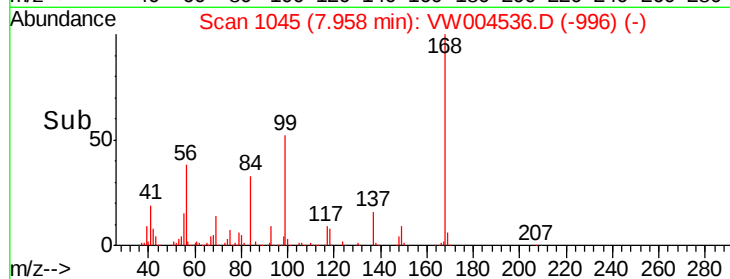
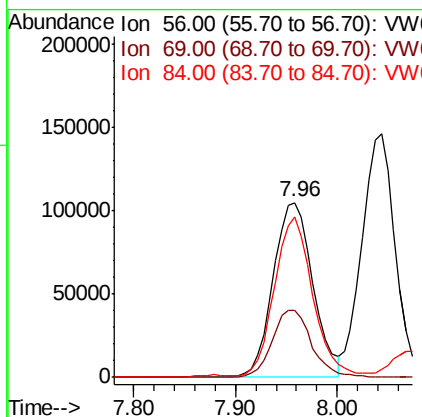
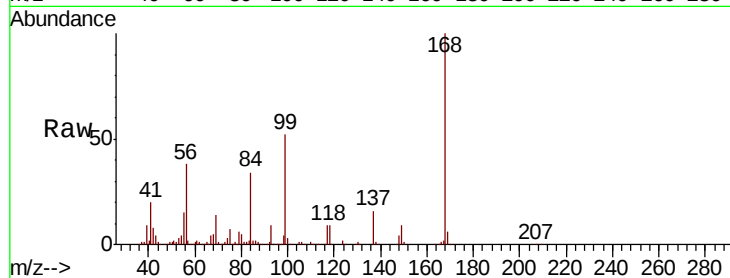




#31
Cyclohexane
Concen: 20.171 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

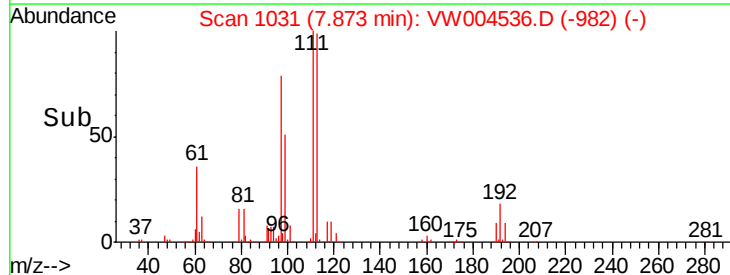
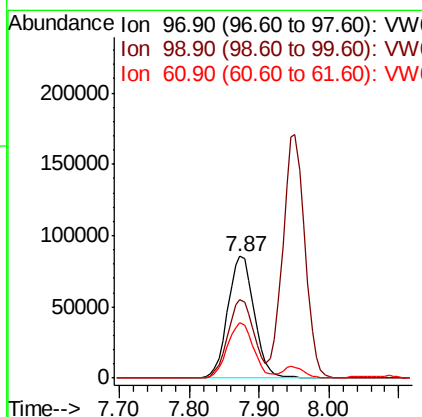
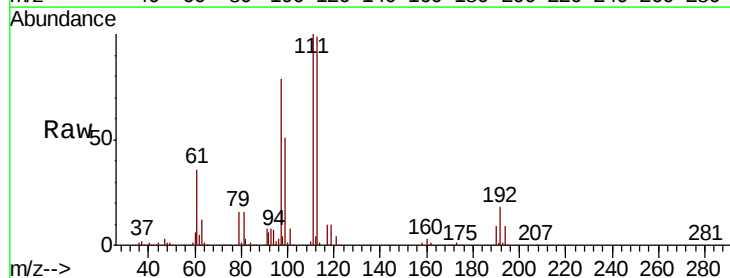
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

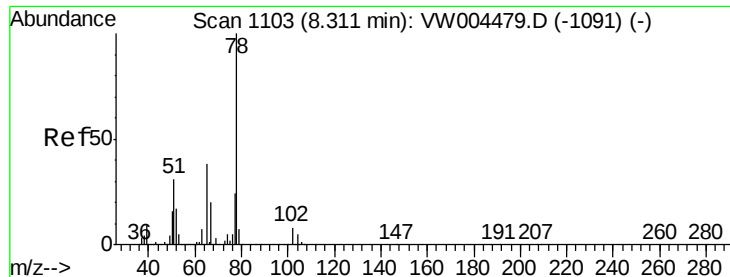
Tgt Ion: 56 Resp: 284085
Ion Ratio Lower Upper
56 100
69 38.4 26.4 39.6
84 90.7 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 20.632 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion: 97 Resp: 224066
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 45.2 35.7 53.5

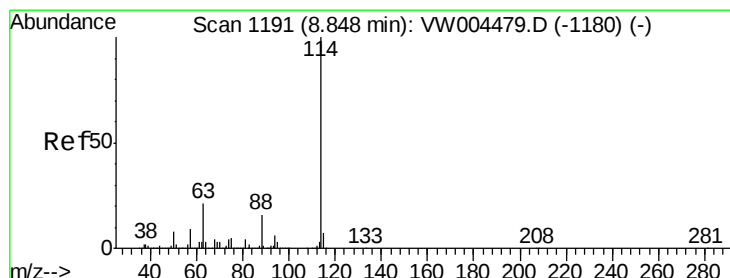
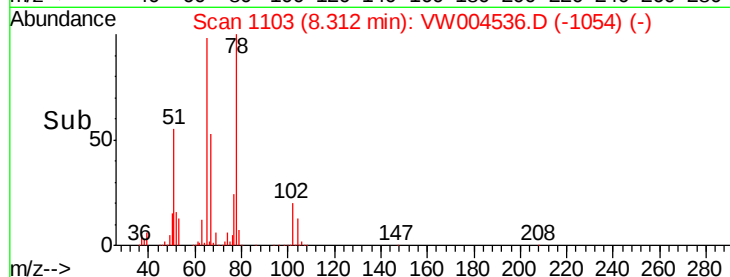
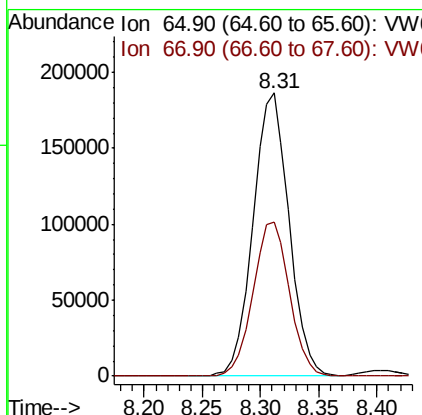
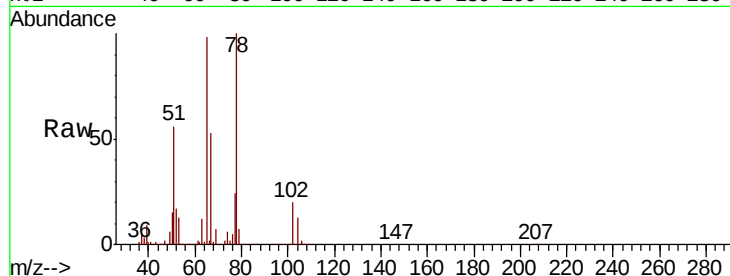




#33
 1,2-Dichloroethane-d4
 Concen: 53.346 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

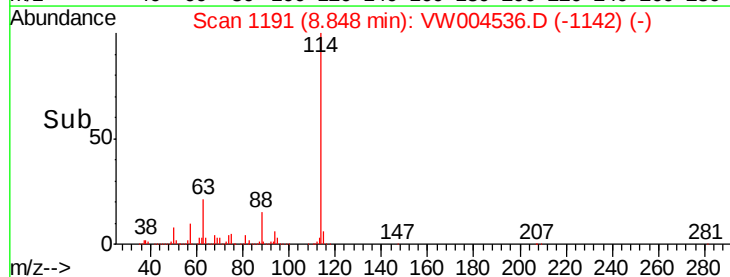
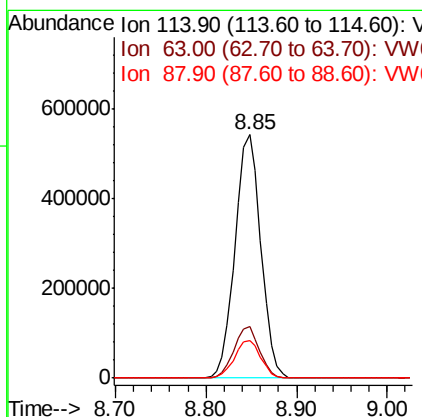
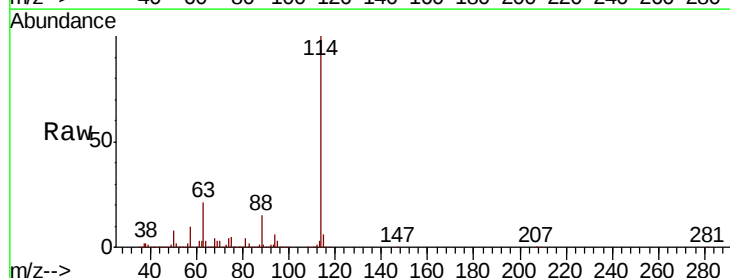
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

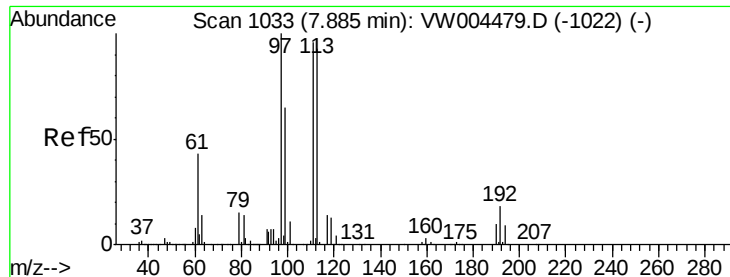
Tgt Ion: 65 Resp: 401083
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 114 Resp: 1068806
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.541 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

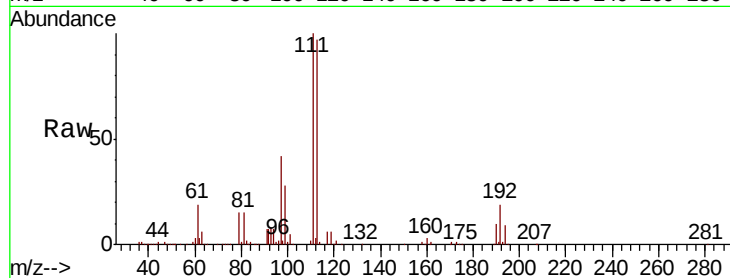
Tgt Ion: 113 Resp: 374429

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

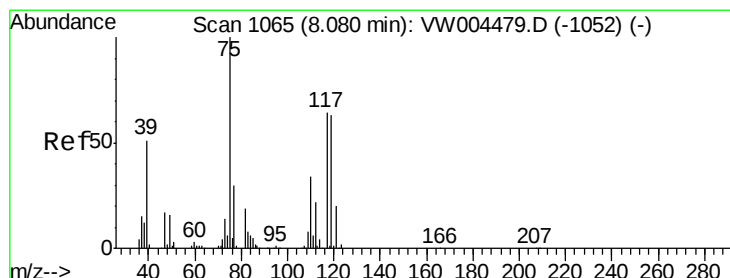
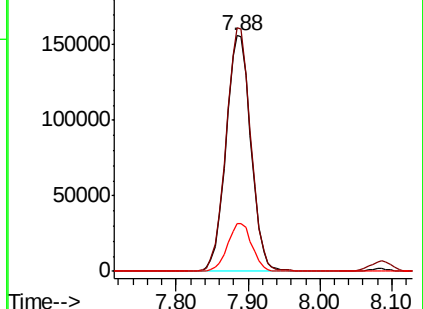
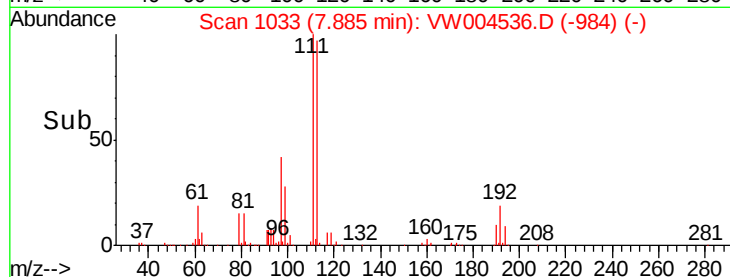
192 20.0 15.8 23.6



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: 20.494 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

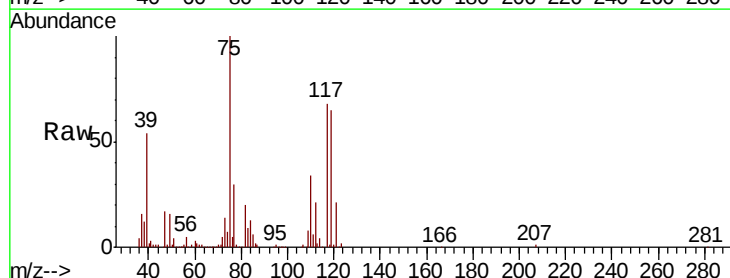
Tgt Ion: 75 Resp: 235843

Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.2

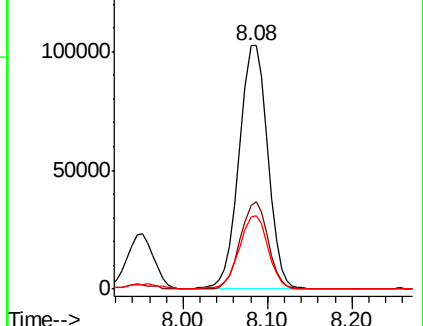
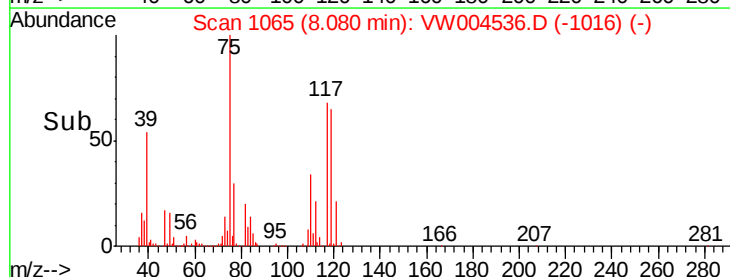
77 30.5 24.7 37.1

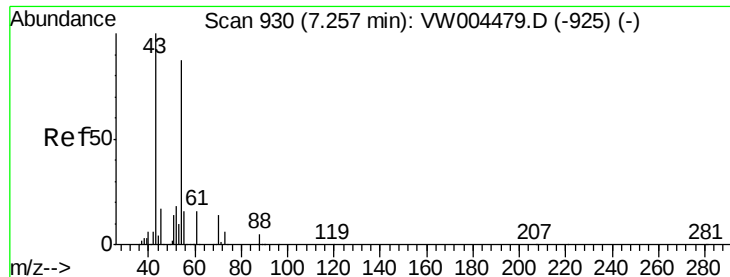


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

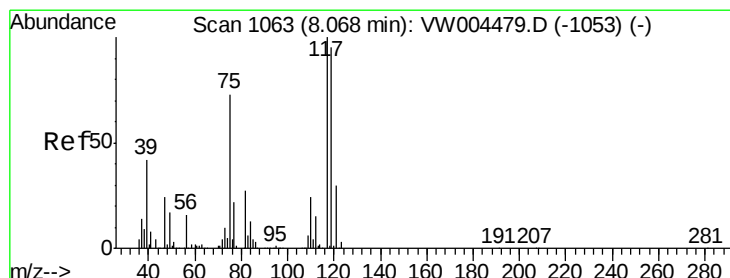
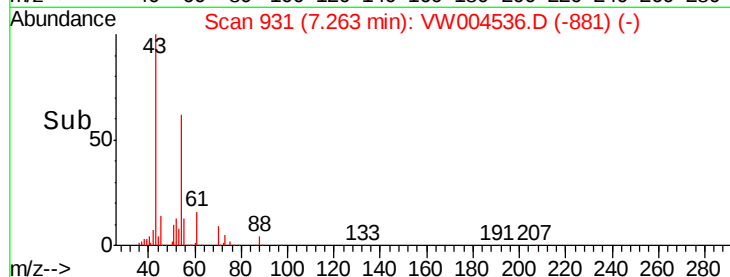
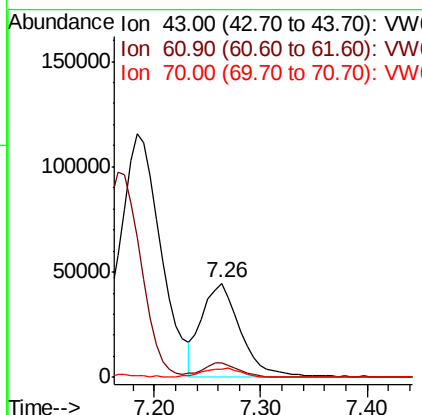
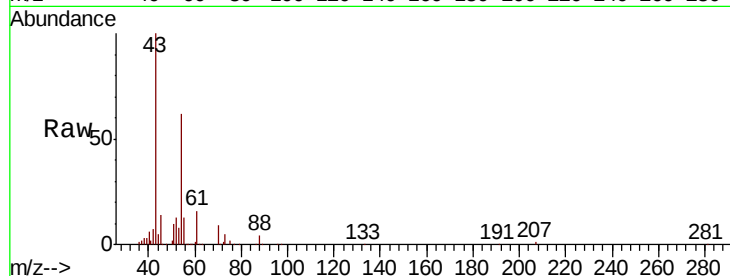




#37
 Ethyl Acetate
 Concen: 20.408 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

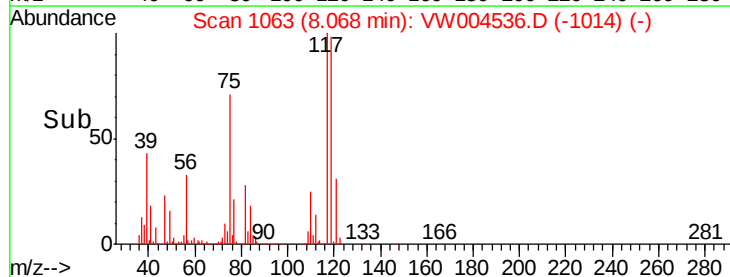
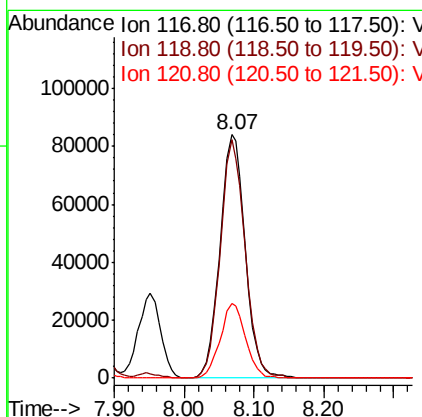
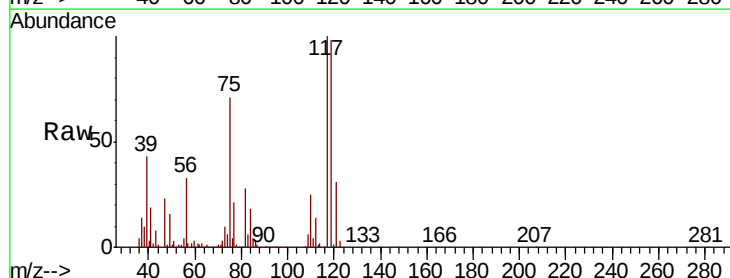
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

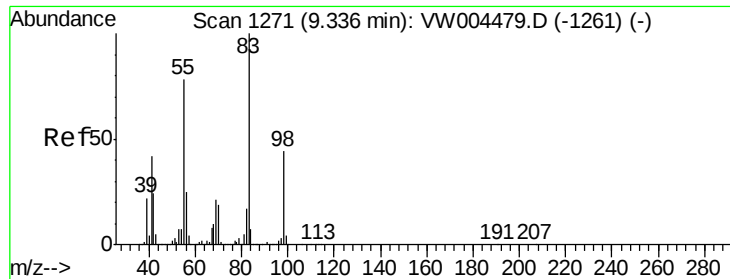
Tgt Ion: 43 Resp: 109992
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.9 17.9
 70 10.3 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 20.288 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 117 Resp: 210092
 Ion Ratio Lower Upper
 117 100
 119 97.9 76.1 114.1
 121 30.6 24.2 36.4

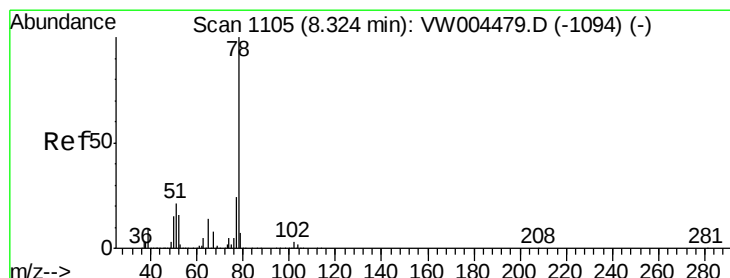
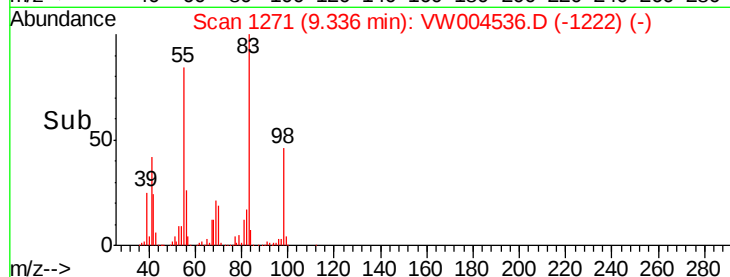
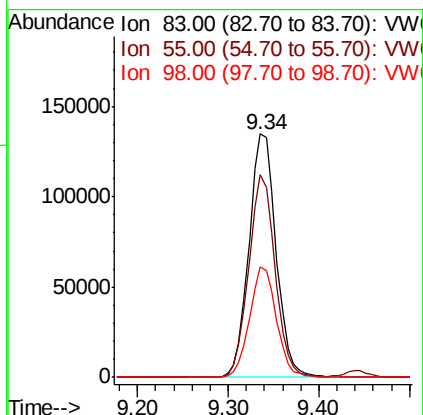
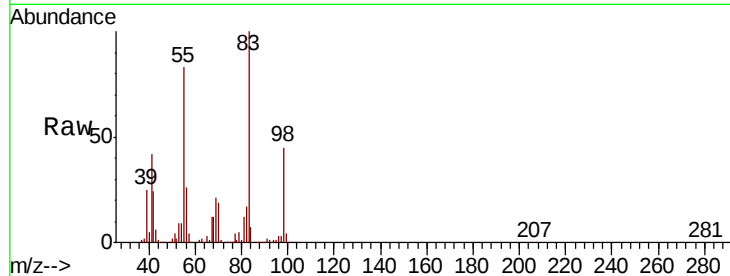




#39
Methylcyclohexane
Concen: 19.808 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

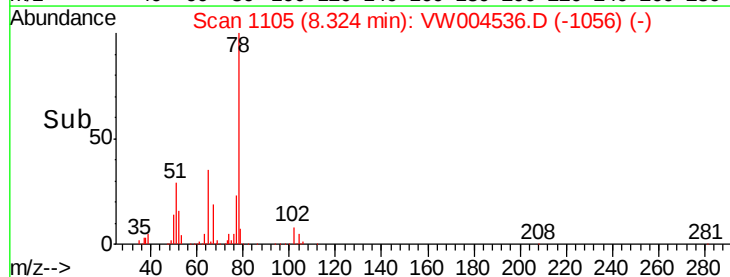
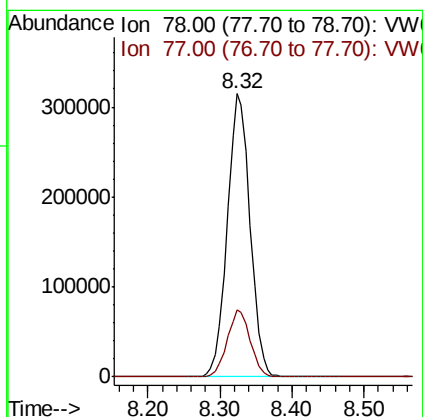
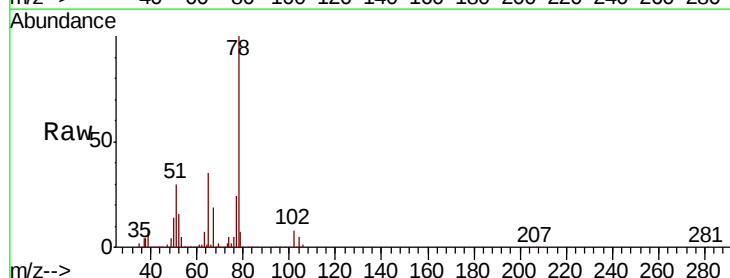
Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

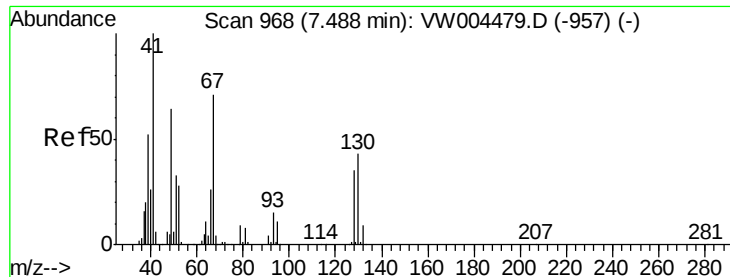
Tgt Ion: 83 Resp: 279407
Ion Ratio Lower Upper
83 100
55 83.4 62.5 93.7
98 45.5 35.4 53.2



#40
Benzene
Concen: 20.444 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion: 78 Resp: 690871
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41

Methacrylonitrile

Concen: 21.527 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

Tgt Ion: 41 Resp: 64804

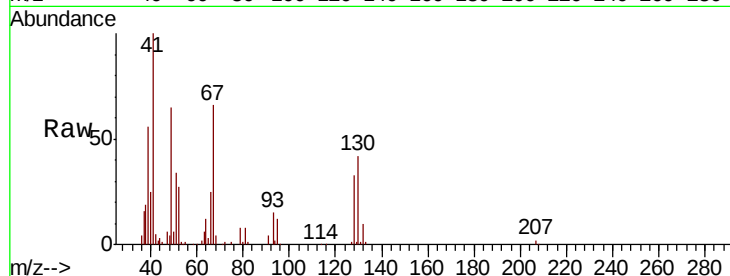
Ion Ratio Lower Upper

41 100

39 53.0 46.2 69.2

67 69.7 60.8 91.2

52 28.8 23.8 35.6



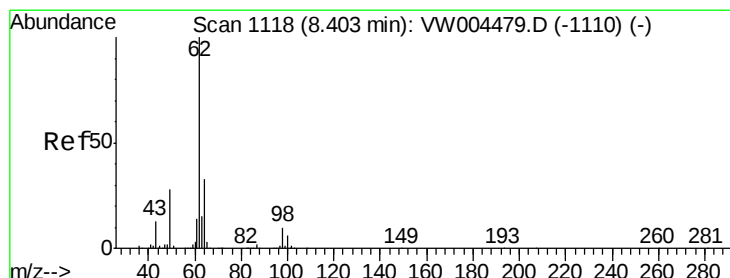
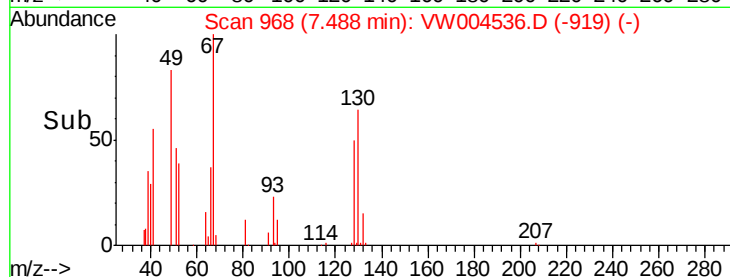
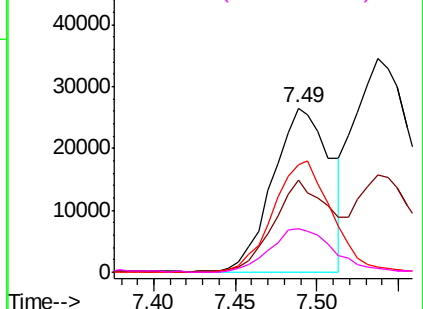
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.814 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW004536.D

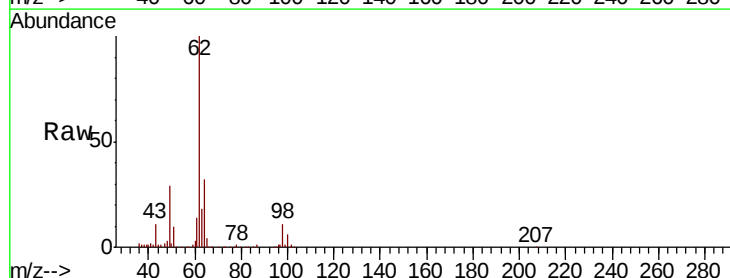
Acq: 08 Aug 2018 19:26

Tgt Ion: 62 Resp: 194608

Ion Ratio Lower Upper

62 100

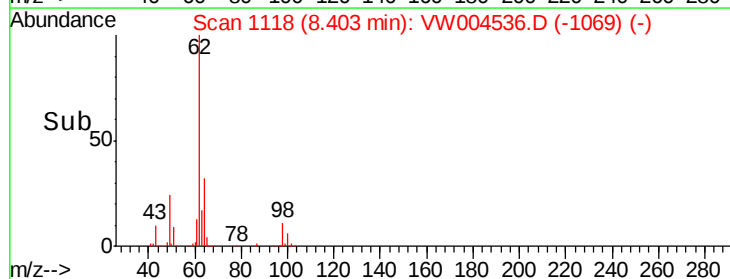
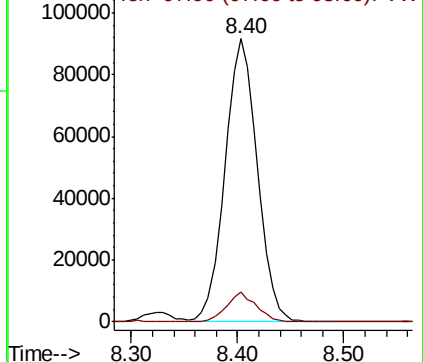
98 9.7 0.0 19.6

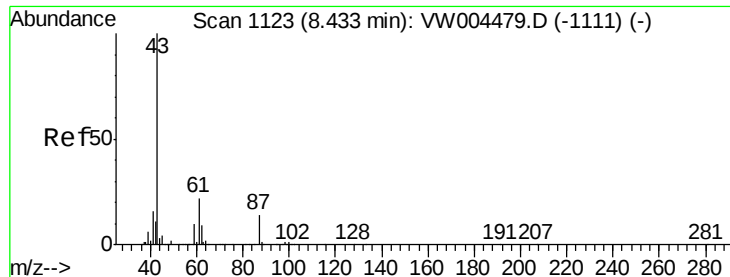


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.088 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

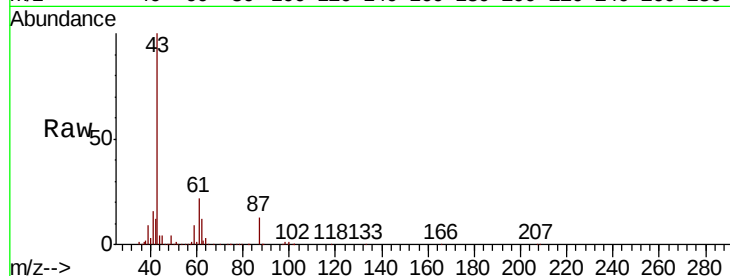
Tgt Ion: 43 Resp: 188723

Ion Ratio Lower Upper

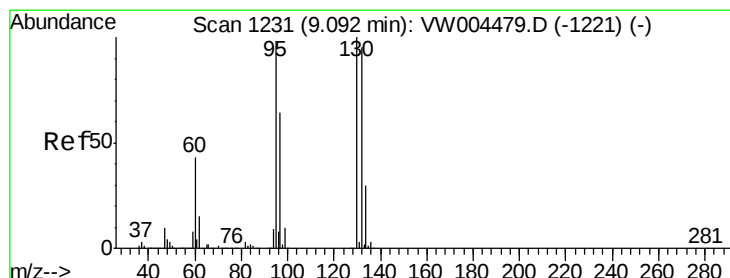
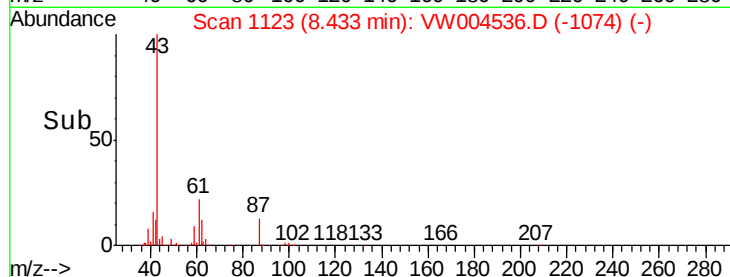
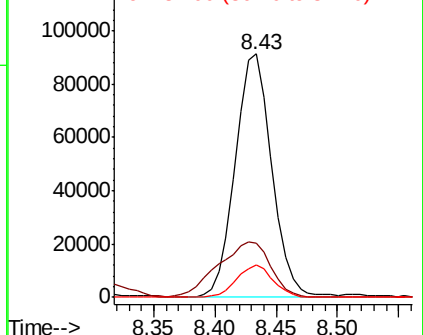
43 100

61 32.3 25.2 37.8

87 13.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.042 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004536.D

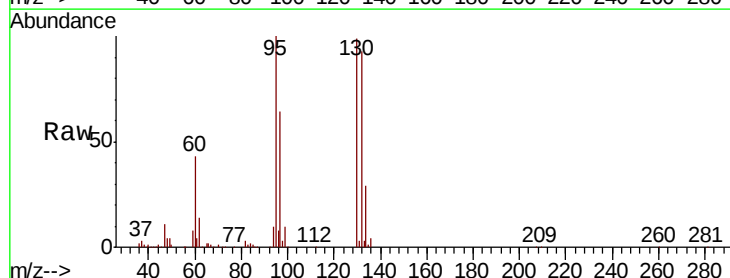
Acq: 08 Aug 2018 19:26

Tgt Ion: 130 Resp: 166431

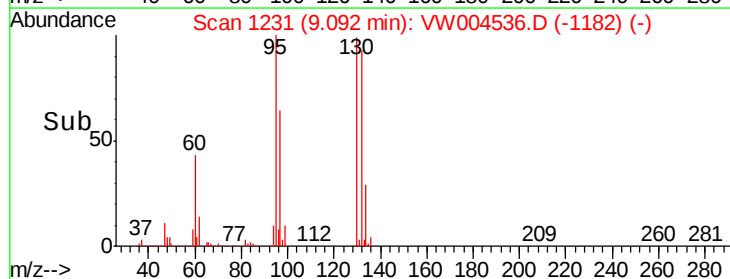
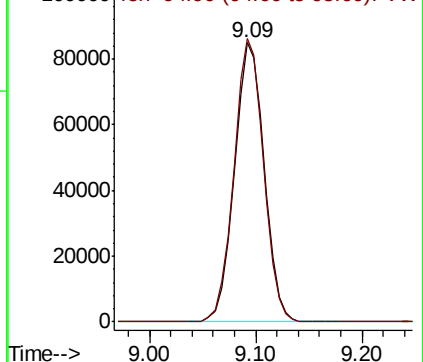
Ion Ratio Lower Upper

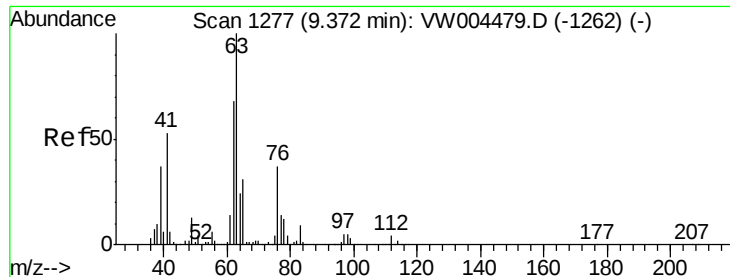
130 100

95 101.4 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

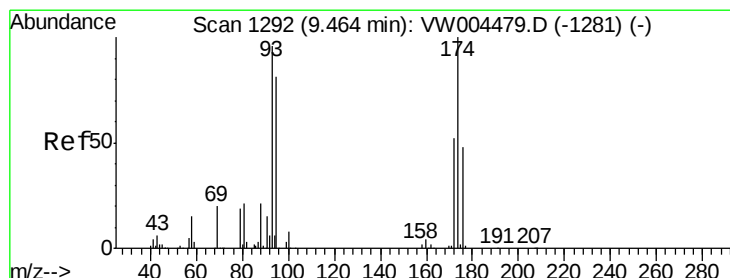
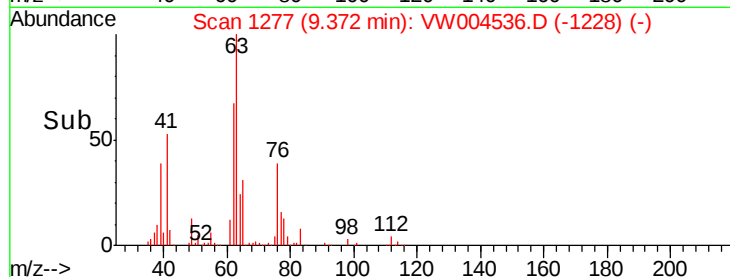
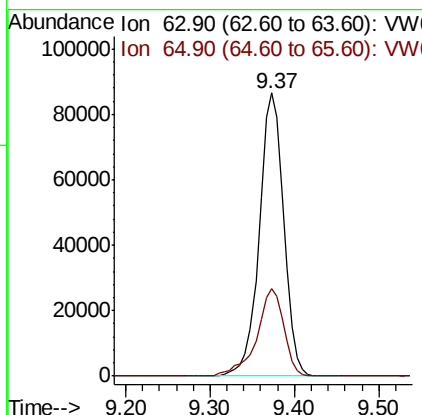
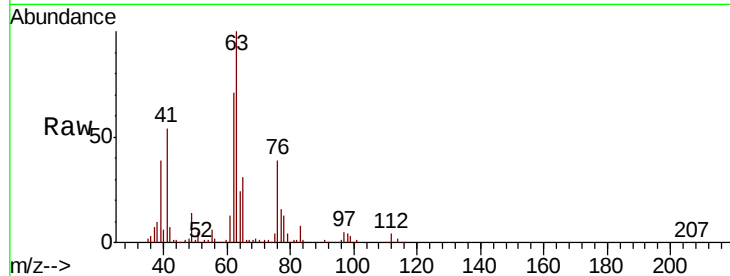




#45
 1,2-Dichloropropane
 Concen: 20.316 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

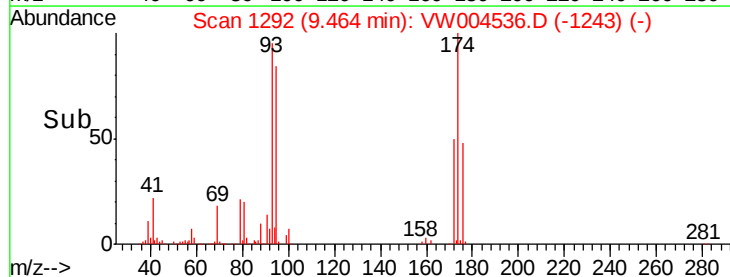
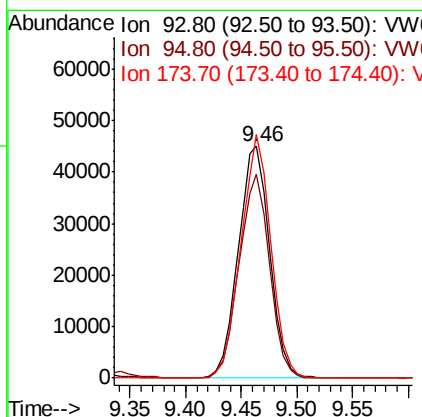
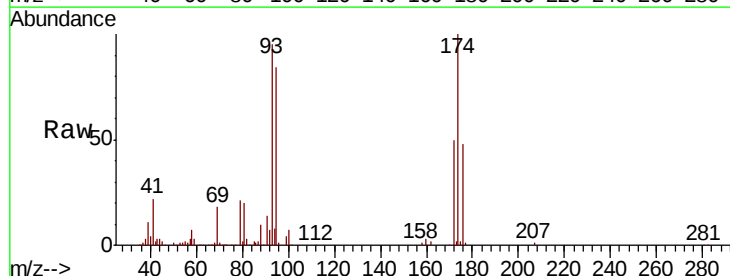
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

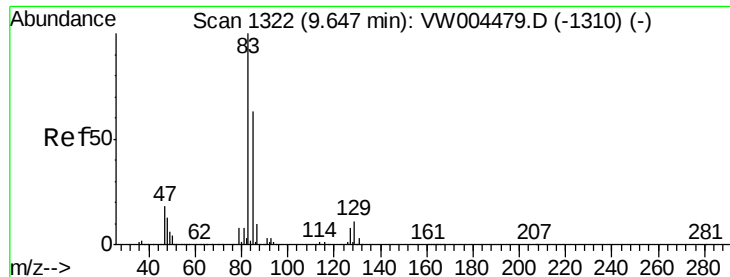
Tgt Ion: 63 Resp: 171941
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.5 36.7



#46
 Dibromomethane
 Concen: 20.422 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 93 Resp: 87985
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.0 100.4
 174 100.2 80.2 120.4





#47

Bromodichloromethane

Concen: 20.037 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

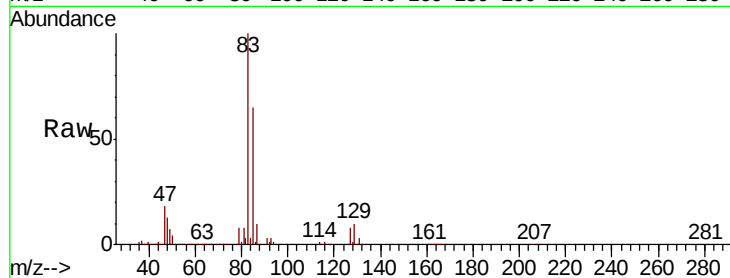
Tgt Ion: 83 Resp: 203771

Ion Ratio Lower Upper

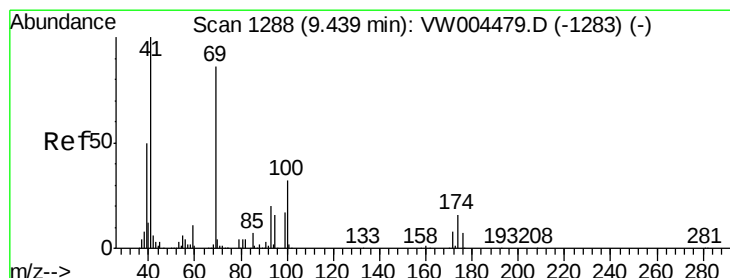
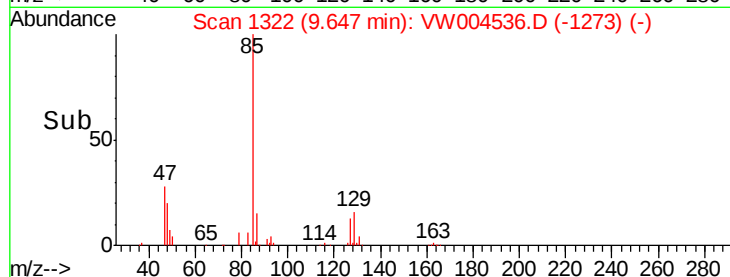
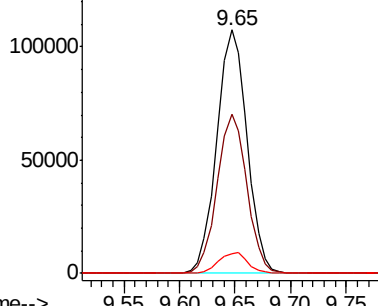
83 100

85 65.2 50.7 76.1

127 8.3 6.5 9.7



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



#48

Methyl methacrylate

Concen: 20.337 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

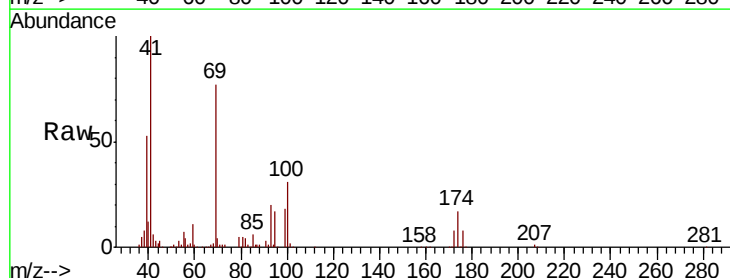
Tgt Ion: 41 Resp: 89298

Ion Ratio Lower Upper

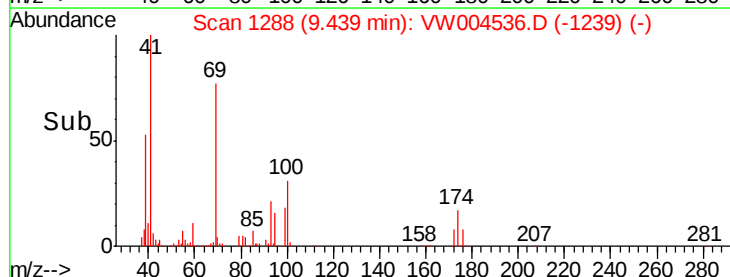
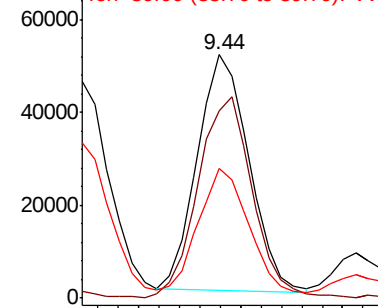
41 100

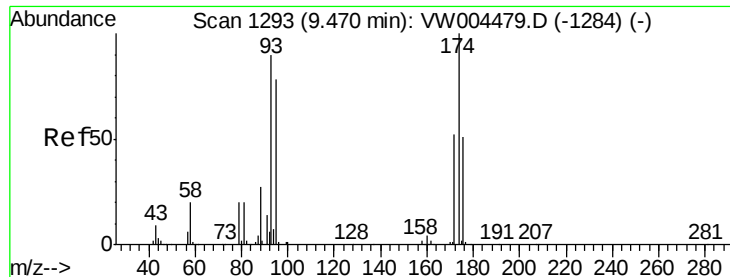
69 88.9 73.2 109.8

39 50.7 40.6 60.8



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: 401.783 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

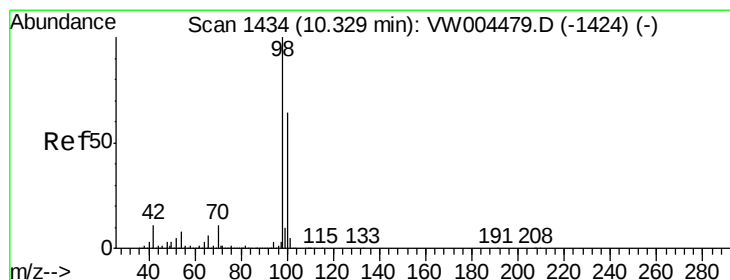
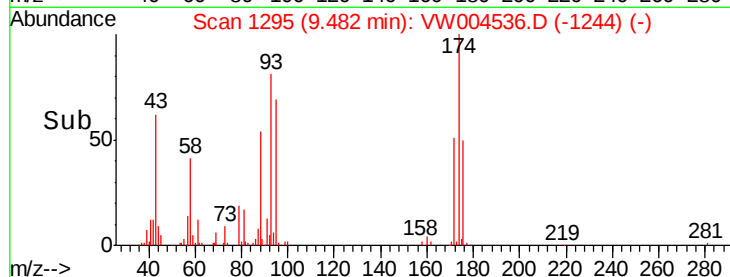
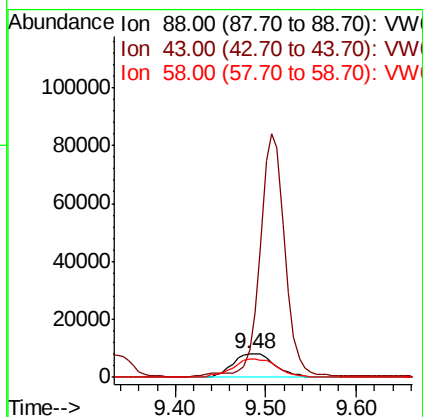
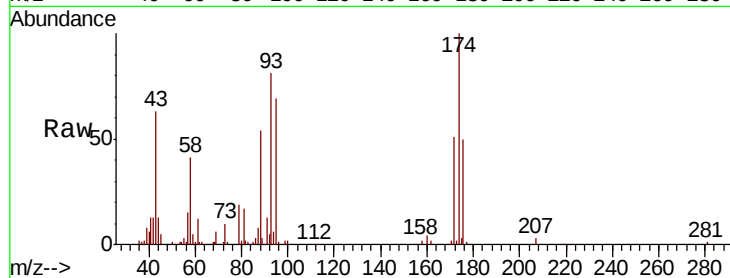
Tgt Ion: 88 Resp: 26409

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 83.1 63.5 95.3



#50

Toluene-d8

Concen: 54.064 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004536.D

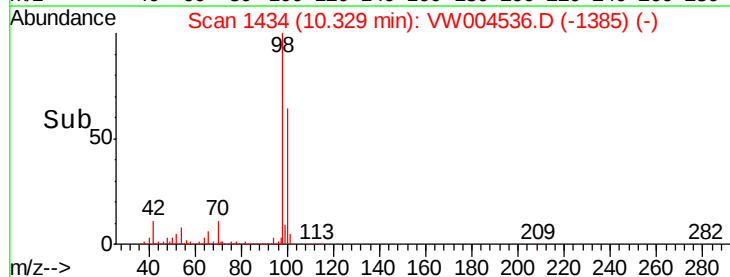
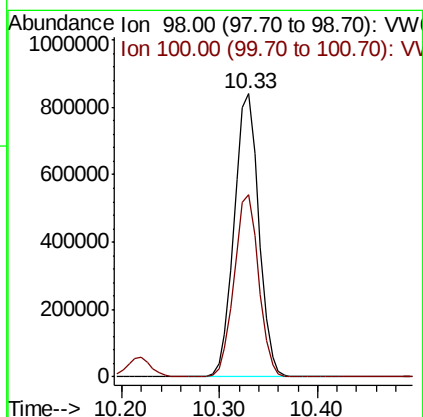
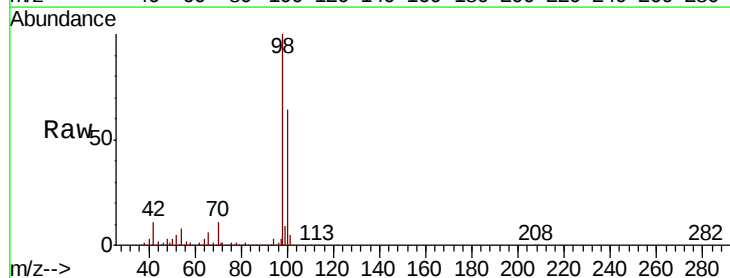
Acq: 08 Aug 2018 19:26

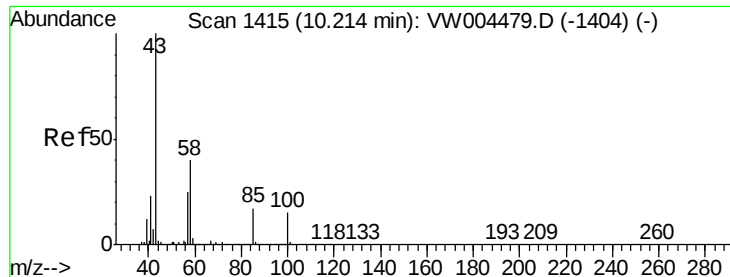
Tgt Ion: 98 Resp: 1468841

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2

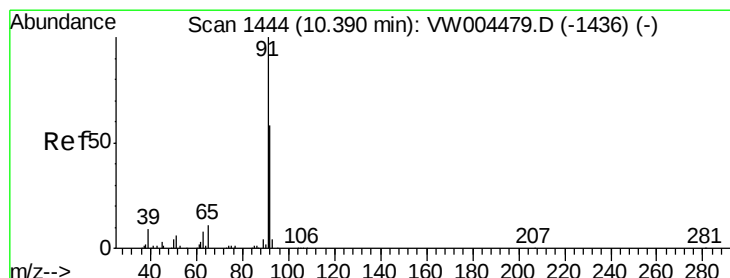
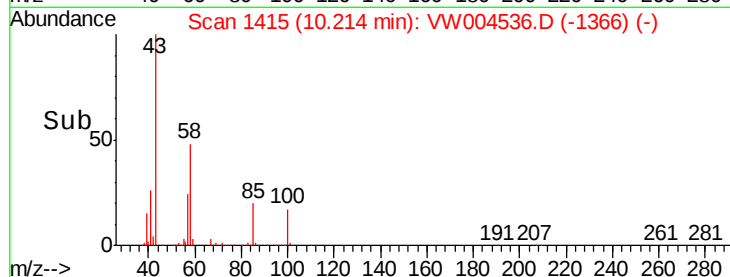
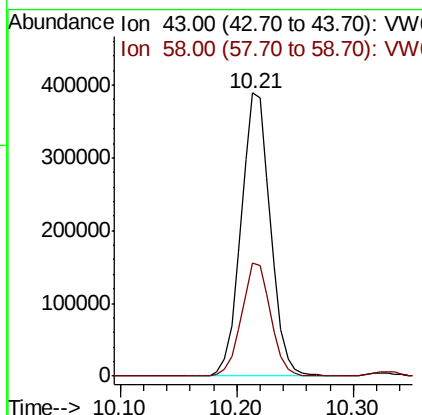
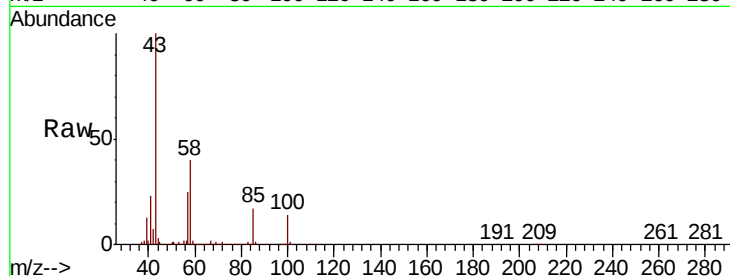




#51
 4-Methyl-2-Pentanone
 Concen: 104.470 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

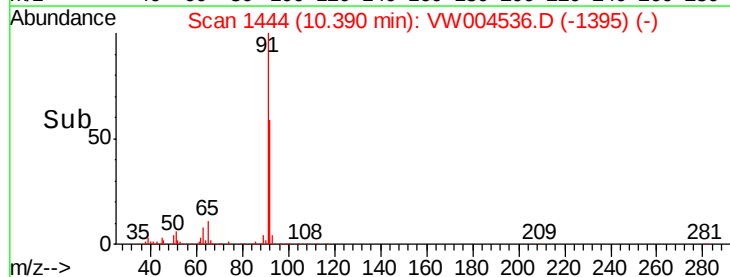
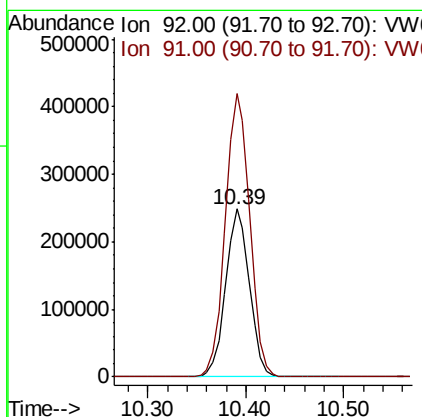
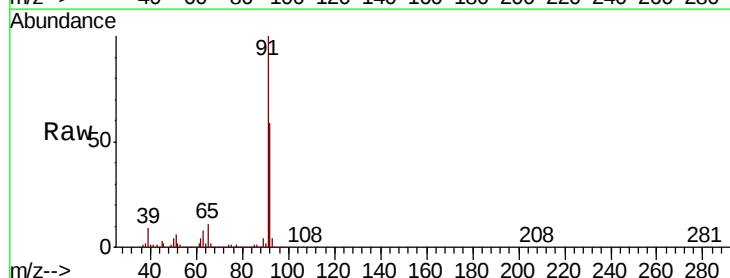
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

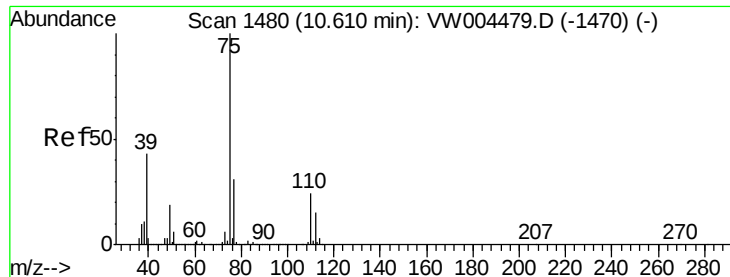
Tgt Ion: 43 Resp: 683190
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.9 47.9



#52
 Toluene
 Concen: 20.977 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 92 Resp: 418028
 Ion Ratio Lower Upper
 92 100
 91 172.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 20.138 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

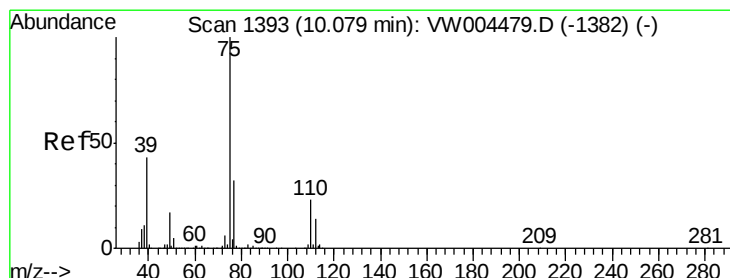
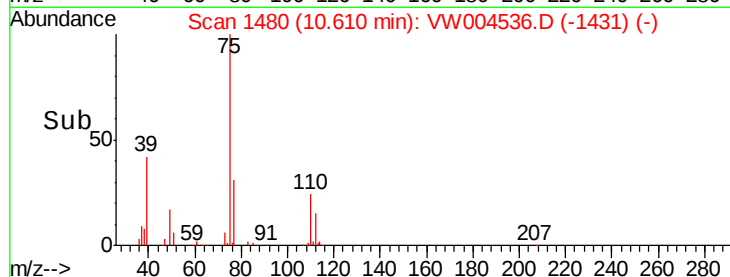
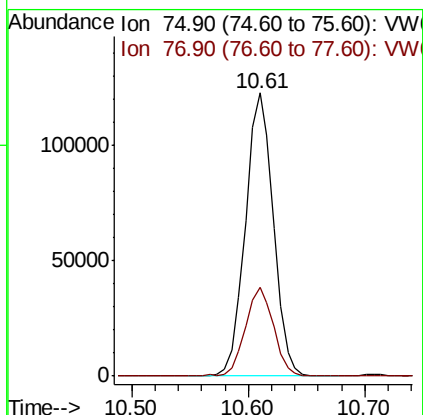
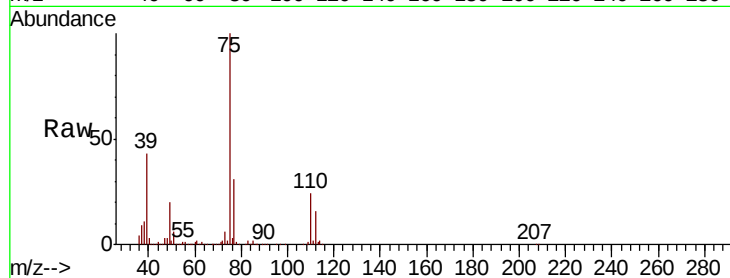
VW0810SBSD01

Tgt Ion: 75 Resp: 205641

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.598 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

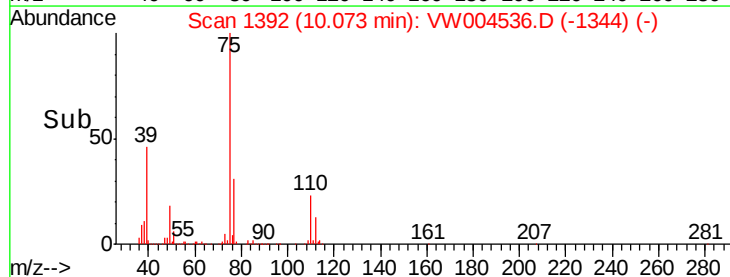
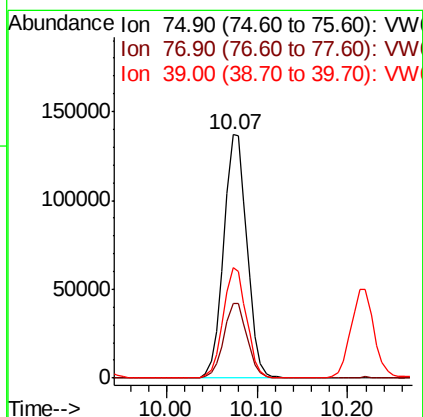
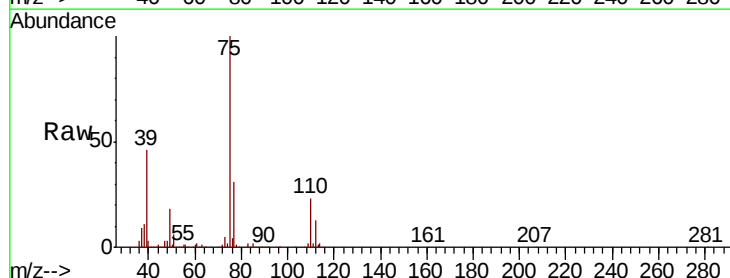
Tgt Ion: 75 Resp: 245122

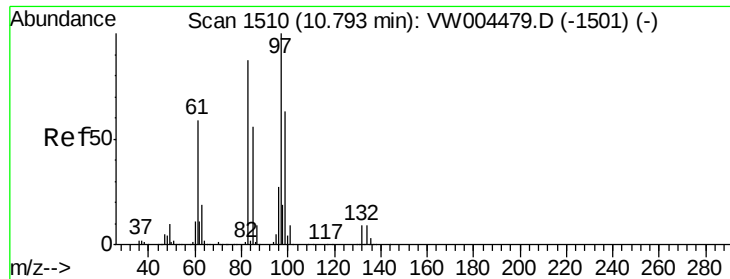
Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9

39 45.5 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.651 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

Tgt Ion: 97 Resp: 127522

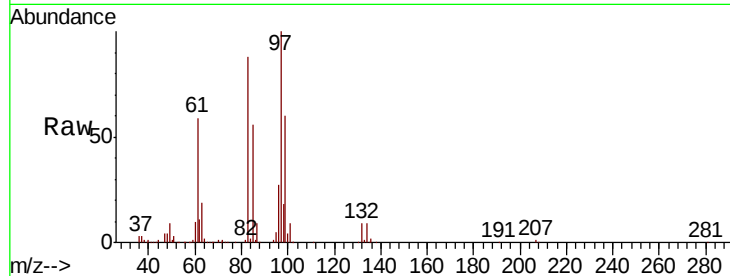
Ion Ratio Lower Upper

97 100

83 88.1 69.8 104.8

85 56.3 45.1 67.7

99 60.0 50.3 75.5

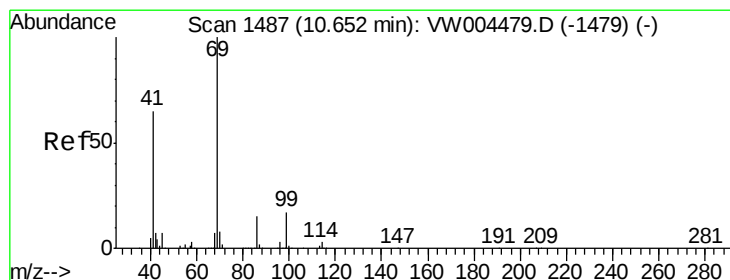
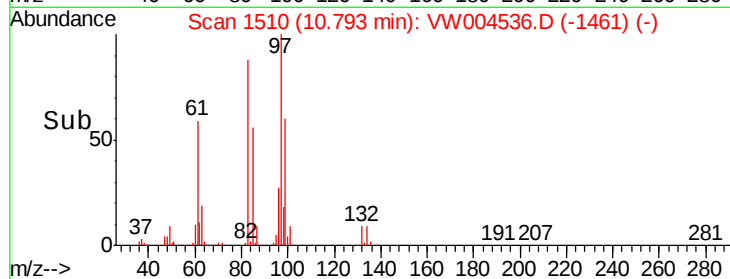
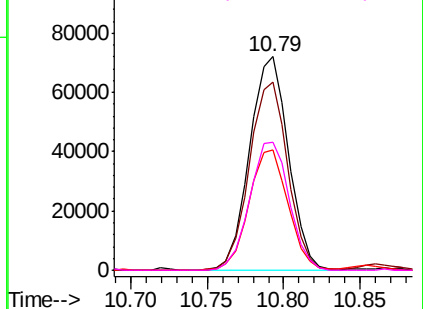


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.114 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

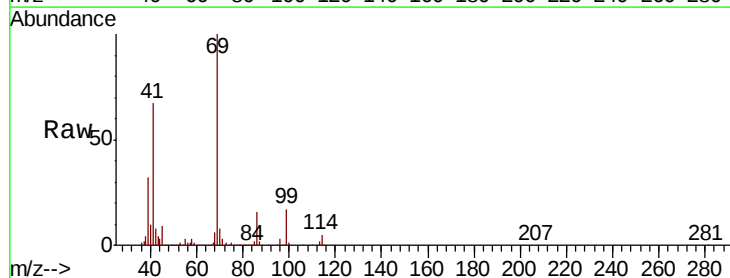
Tgt Ion: 69 Resp: 148706

Ion Ratio Lower Upper

69 100

41 65.9 52.4 78.6

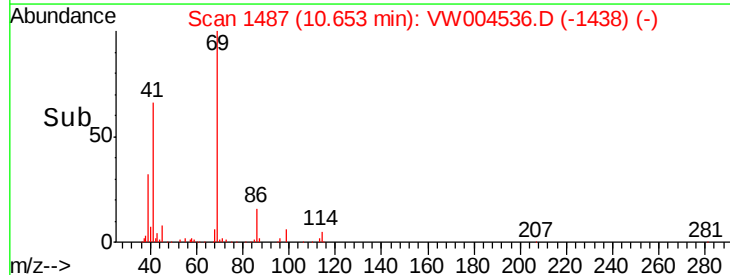
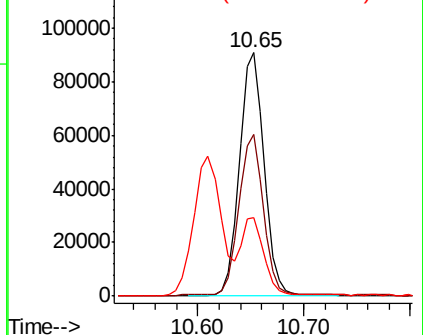
39 29.0 22.7 34.1

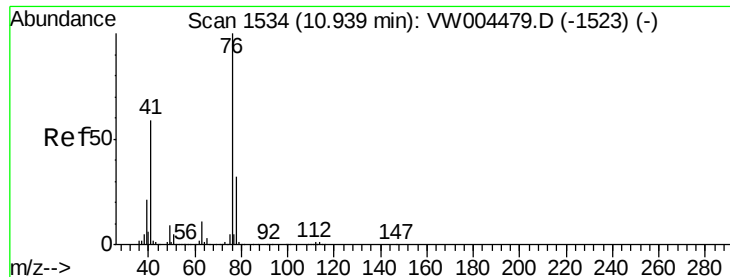


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

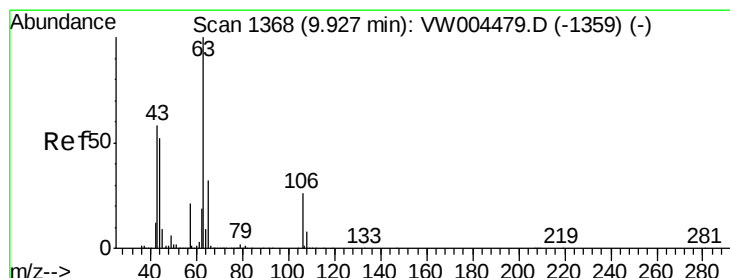
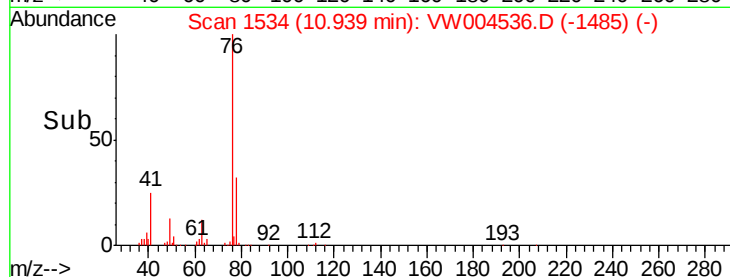
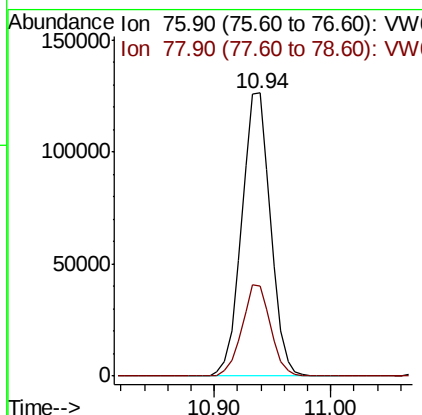
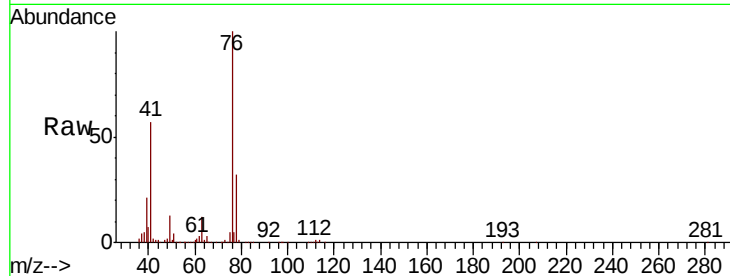




#57
 1,3-Dichloropropane
 Concen: 20.537 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

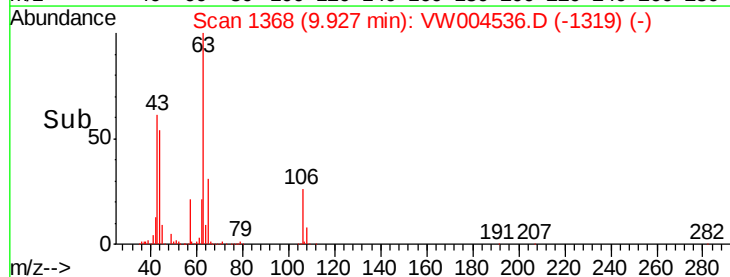
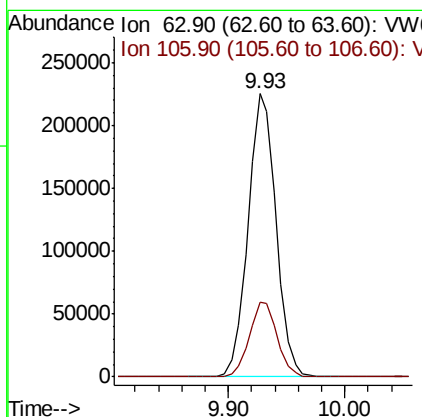
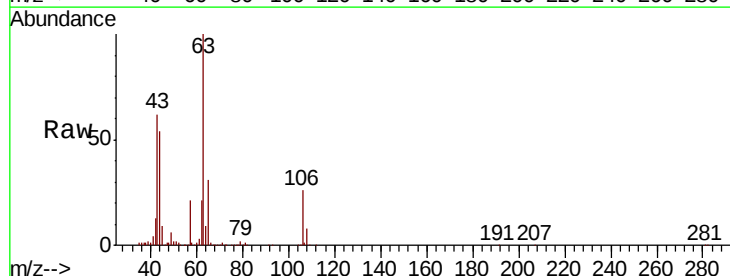
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

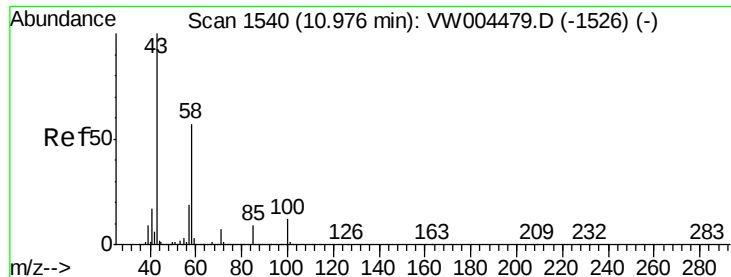
Tgt Ion: 76 Resp: 218584
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.220 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 63 Resp: 375739
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9

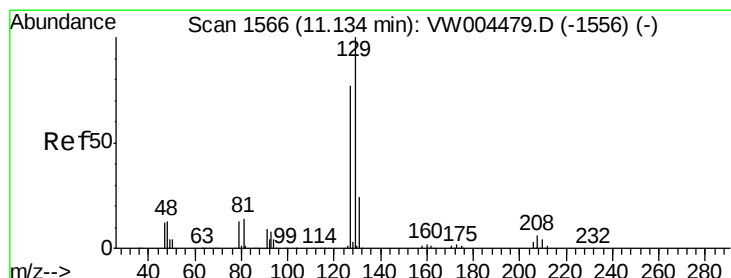
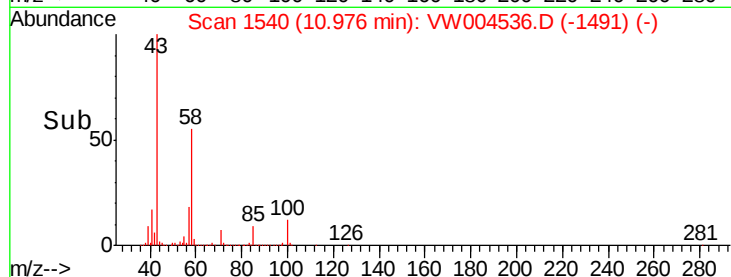
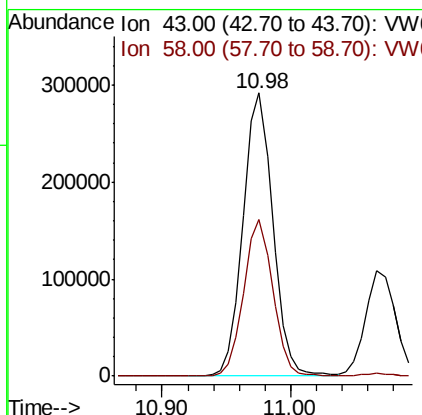
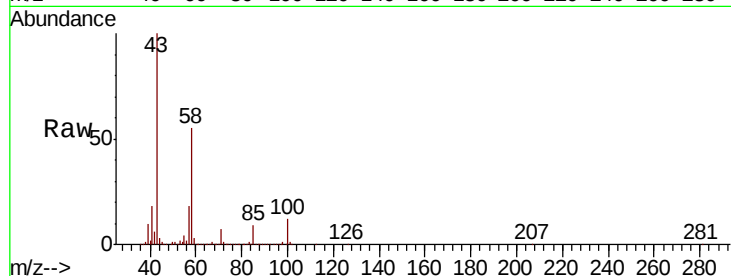




#59
2-Hexanone
Concen: 105.199 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

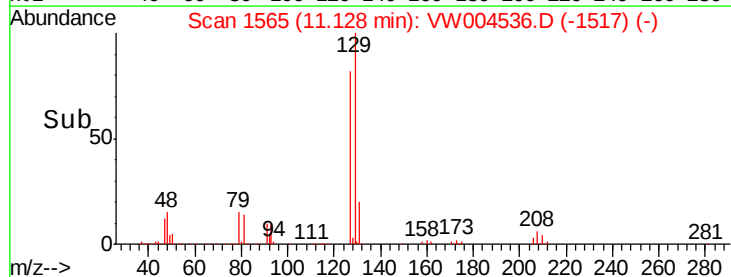
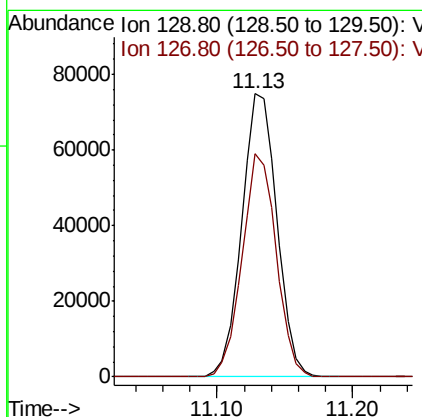
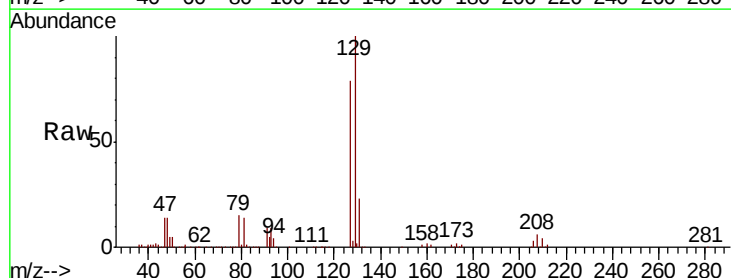
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

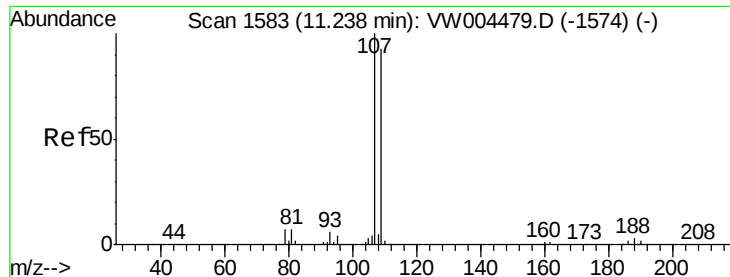
Tgt Ion: 43 Resp: 466437
Ion Ratio Lower Upper
43 100
58 54.1 27.9 83.6



#60
Dibromochloromethane
Concen: 20.166 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion: 129 Resp: 135439
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8

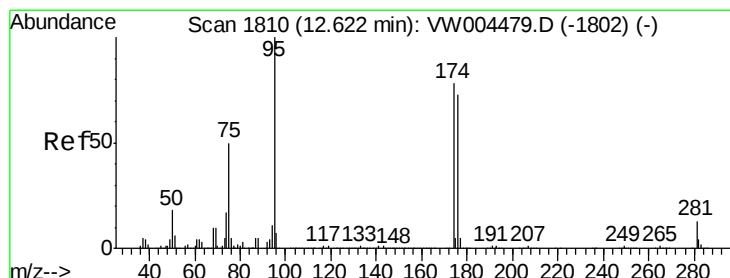
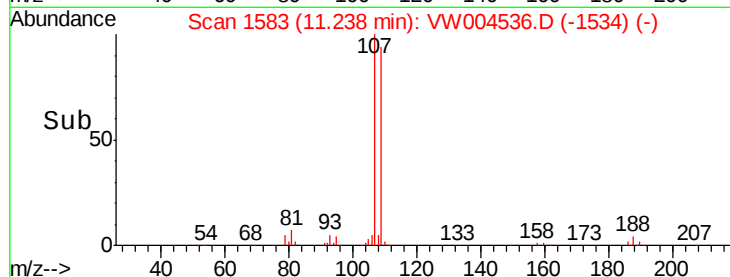
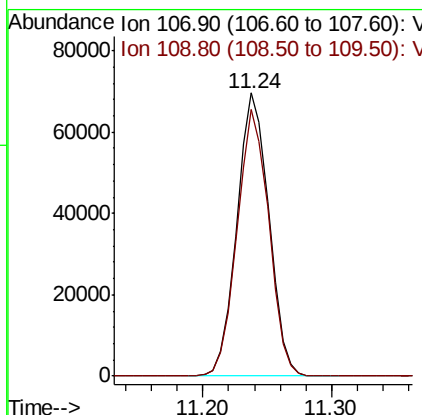
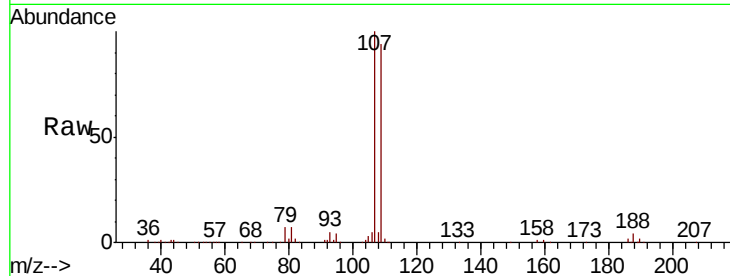




#61
 1,2-Dibromoethane
 Concen: 20.597 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

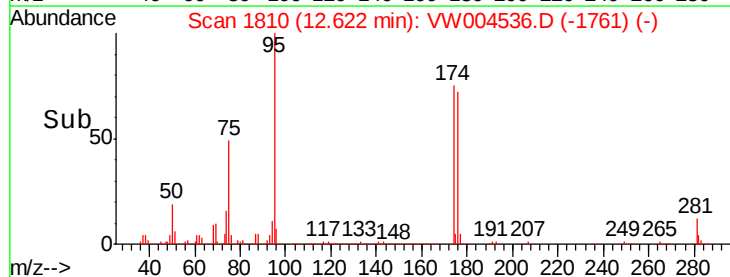
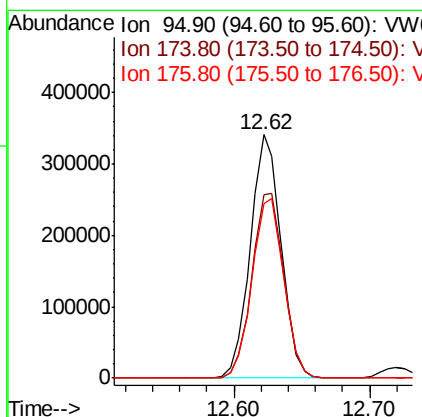
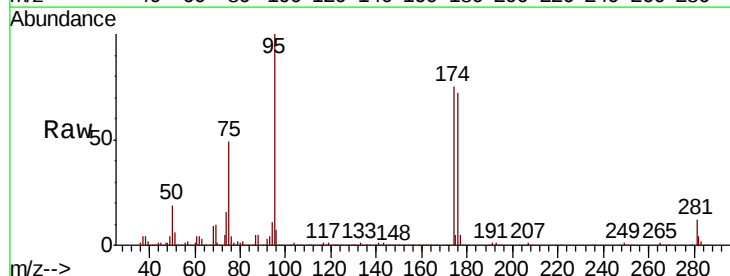
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

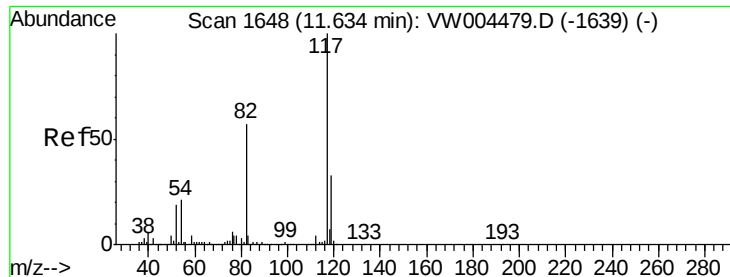
Tgt Ion: 107 Resp: 119490
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 55.102 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 95 Resp: 539262
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 160.4
 176 76.4 0.0 153.2

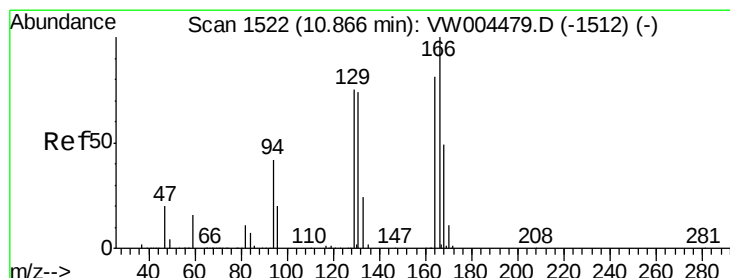
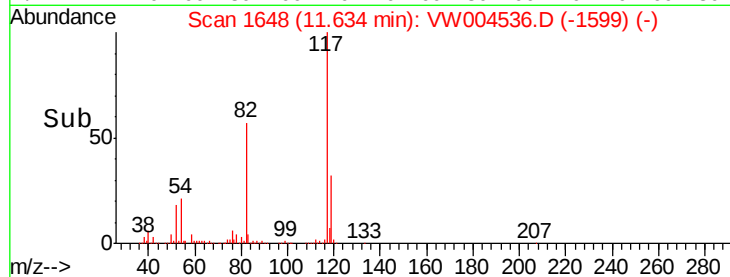
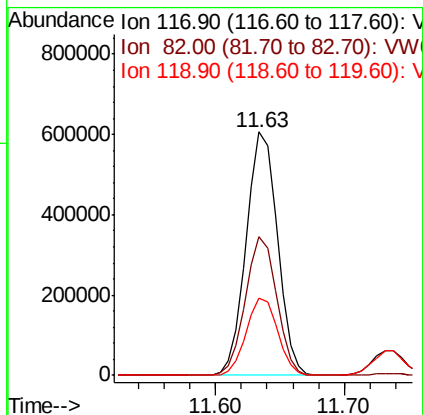
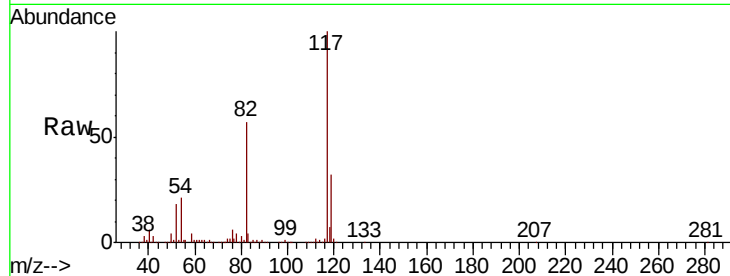




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

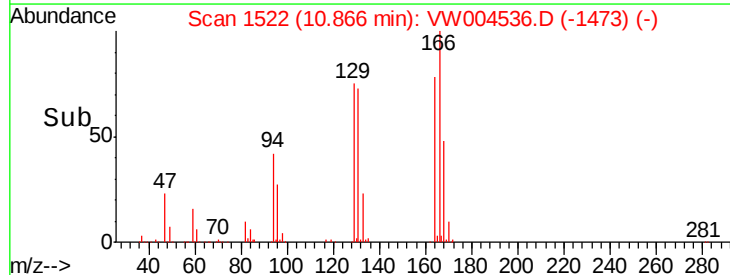
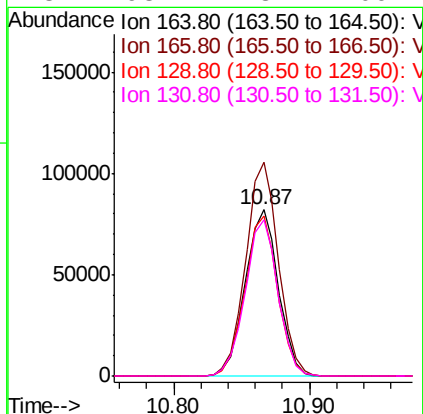
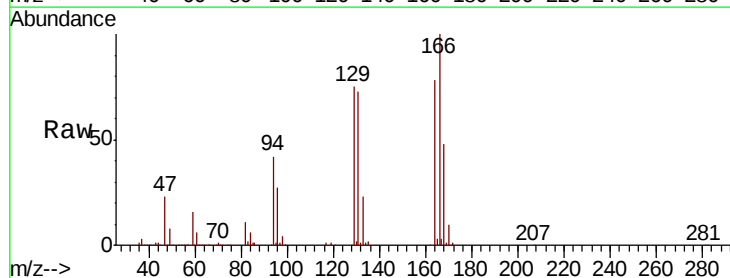
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

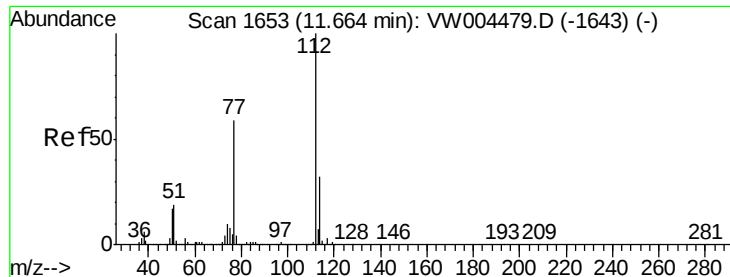
Tgt Ion:117 Resp: 1015875
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 19.770 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion:164 Resp: 140101
Ion Ratio Lower Upper
164 100
166 128.4 98.4 147.6
129 96.1 73.6 110.4
131 93.7 73.1 109.7





#65

Chlorobenzene

Concen: 20.183 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

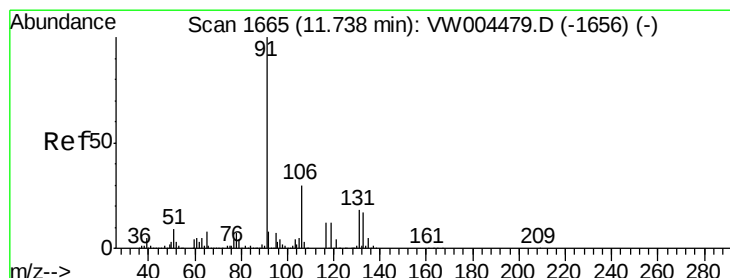
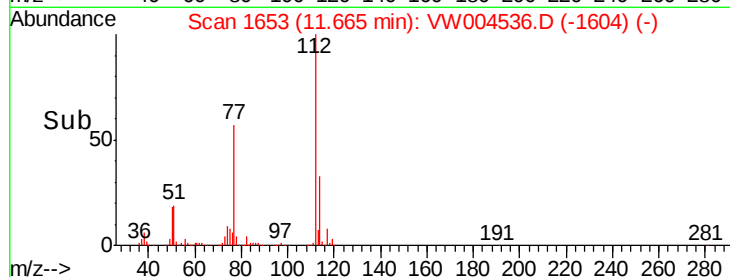
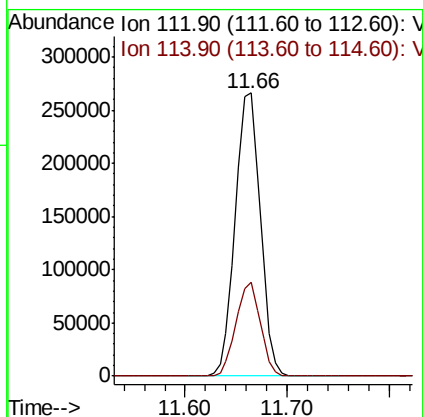
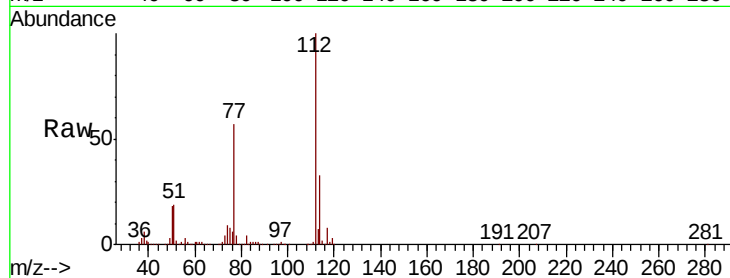
VW0810SBSD01

Tgt Ion:112 Resp: 451862

Ion Ratio Lower Upper

112 100

114 33.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.174 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

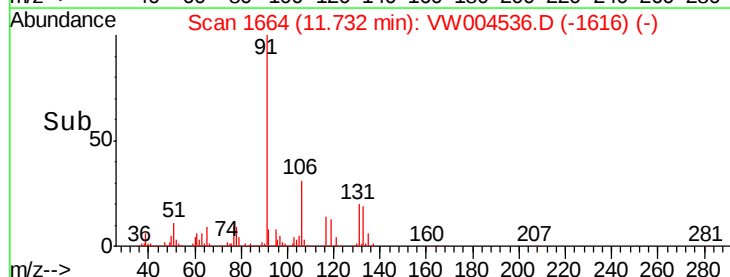
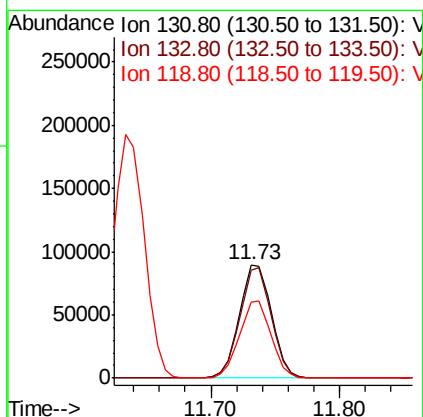
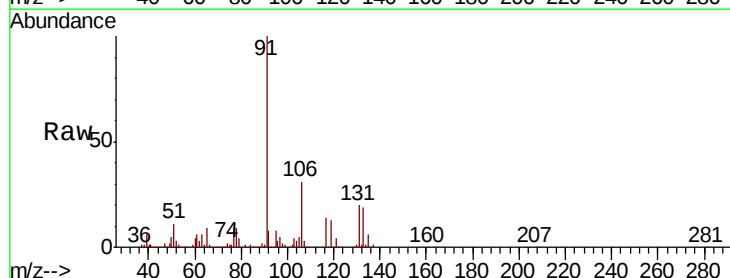
Tgt Ion:131 Resp: 153771

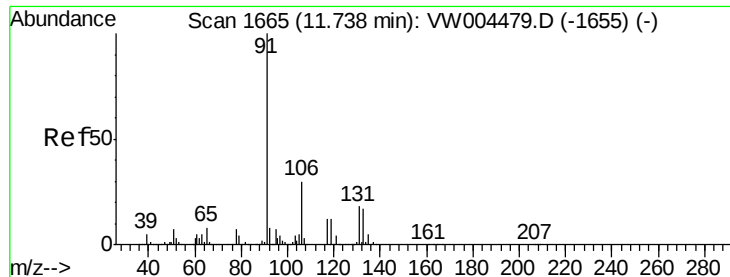
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 67.5 33.9 101.7

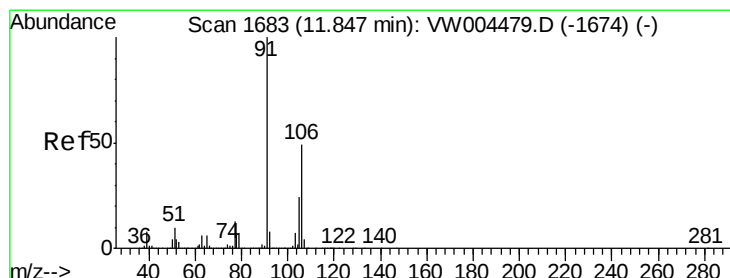
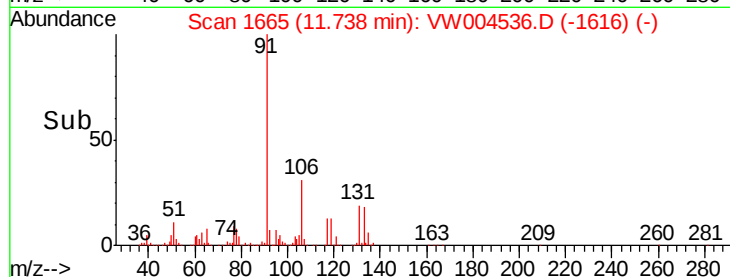
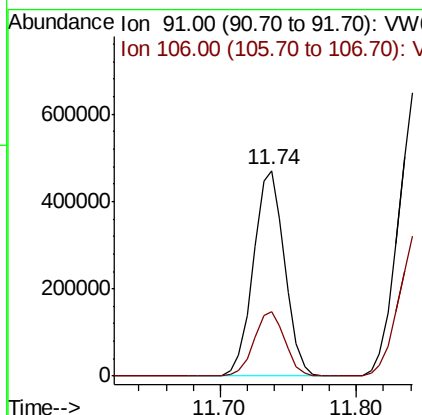
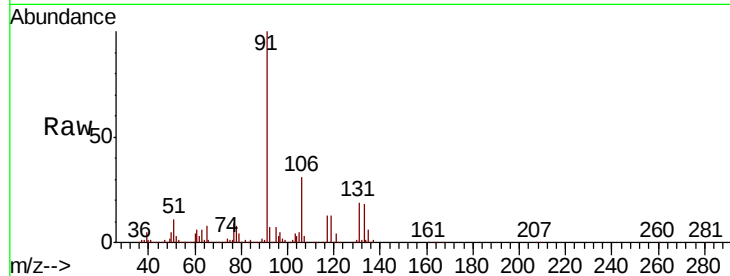




#67
Ethyl Benzene
Concen: 19.981 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

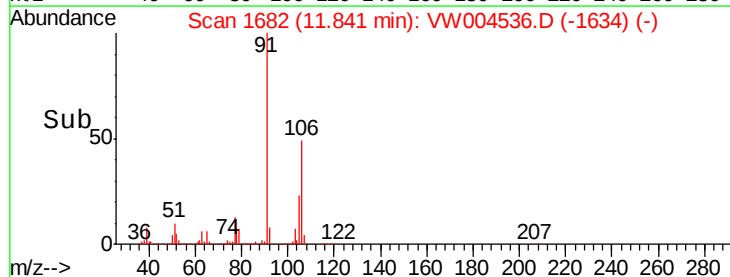
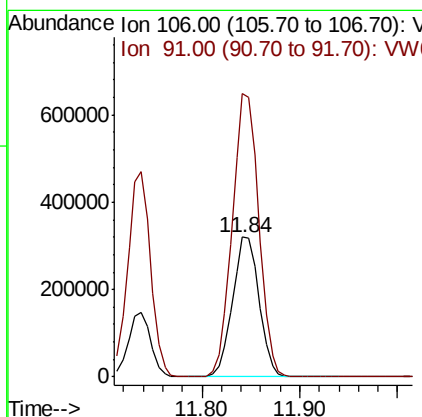
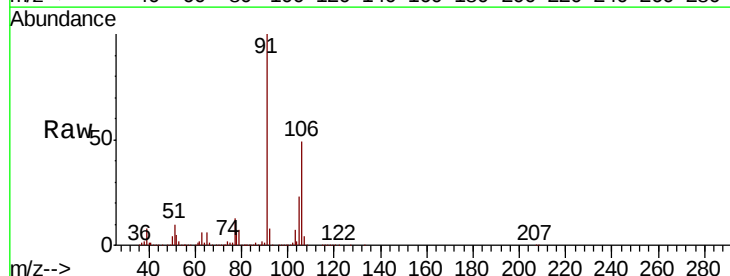
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

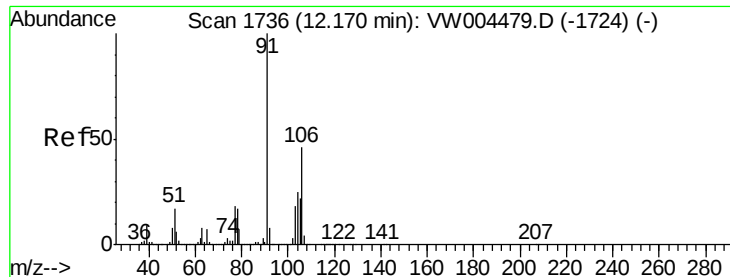
Tgt Ion: 91 Resp: 758313
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2



#68
m/p-Xylenes
Concen: 41.067 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion: 106 Resp: 602339
Ion Ratio Lower Upper
106 100
91 202.3 162.8 244.2

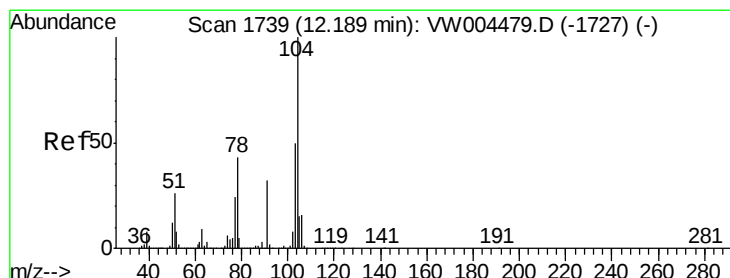
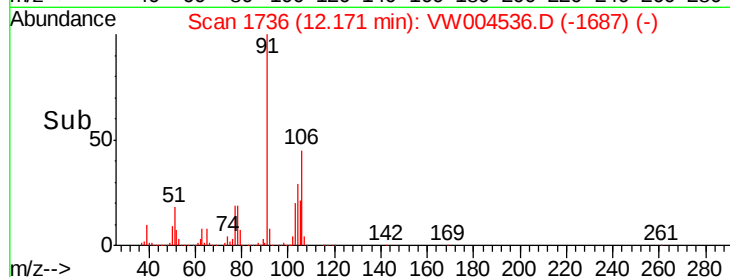
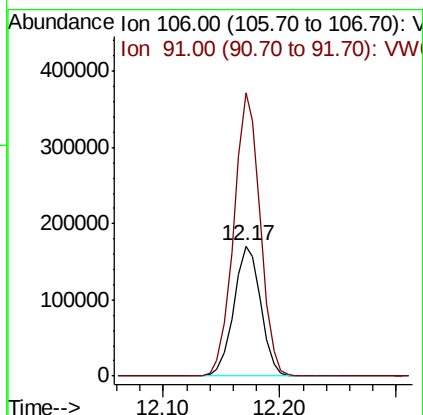
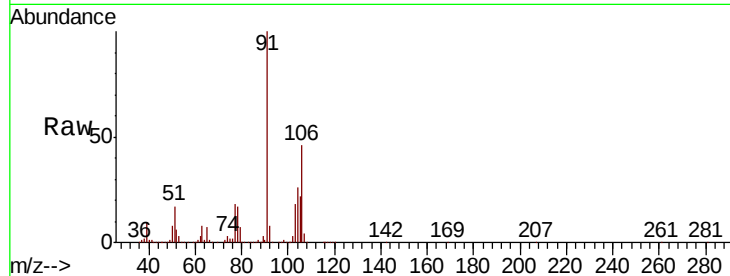




#69
o-Xylene
Concen: 20.187 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

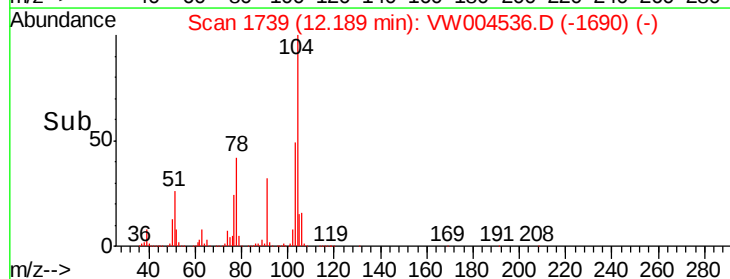
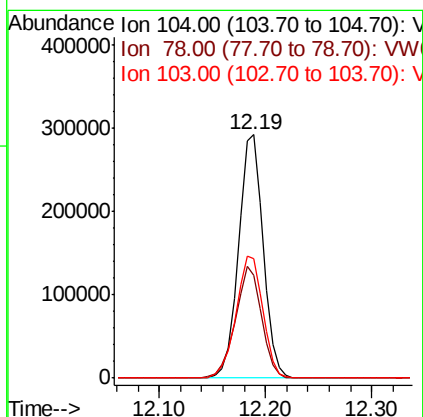
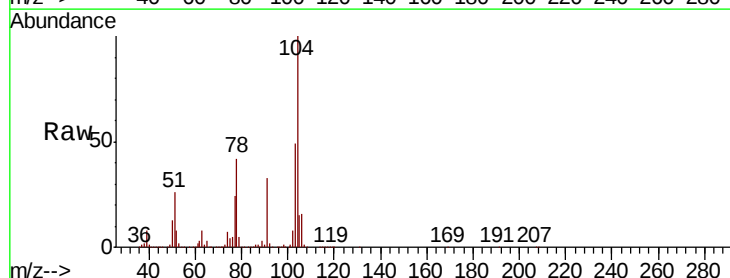
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

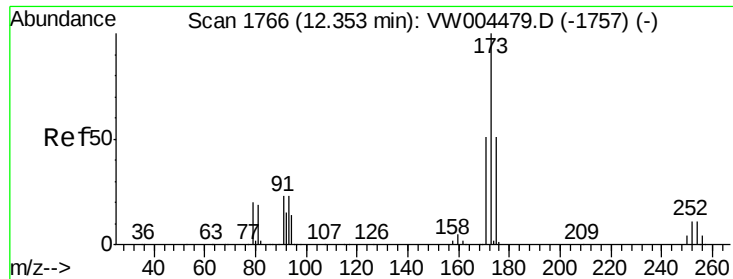
Tgt Ion:106 Resp: 274592
Ion Ratio Lower Upper
106 100
91 213.4 106.7 320.2



#70
Styrene
Concen: 20.629 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion:104 Resp: 474097
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.9 44.2 66.2

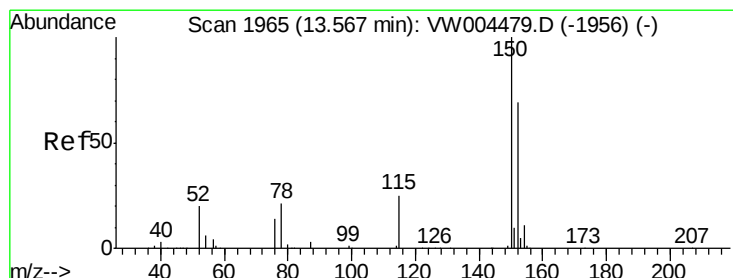
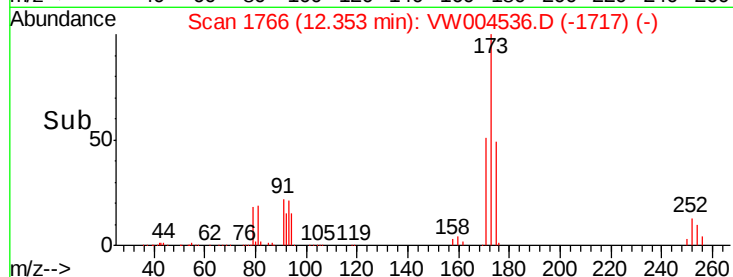
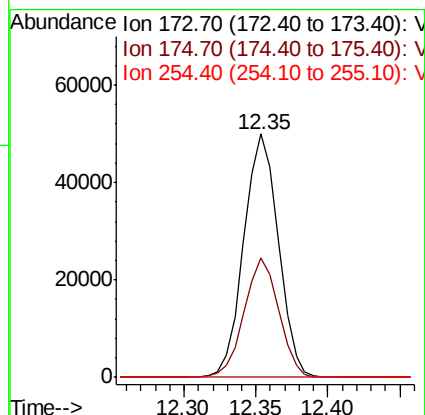
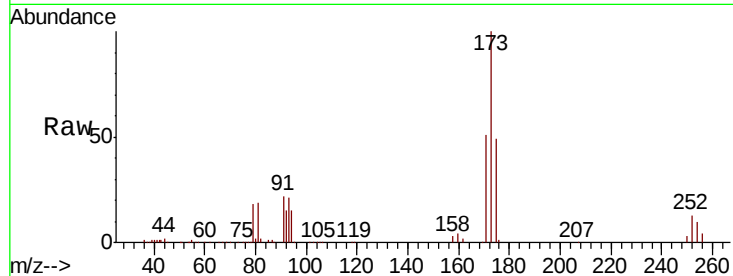




#71
Bromoform
Concen: 19.814 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

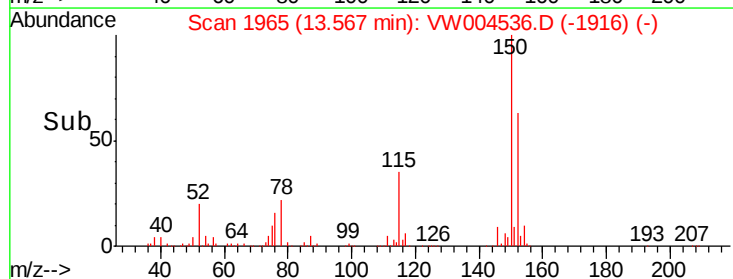
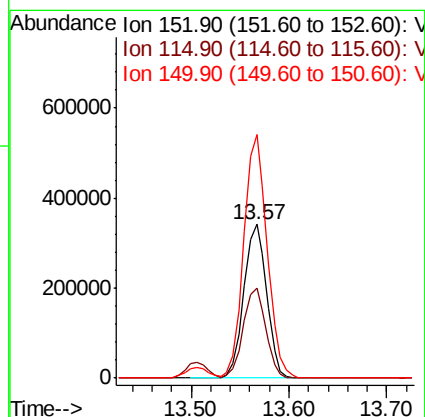
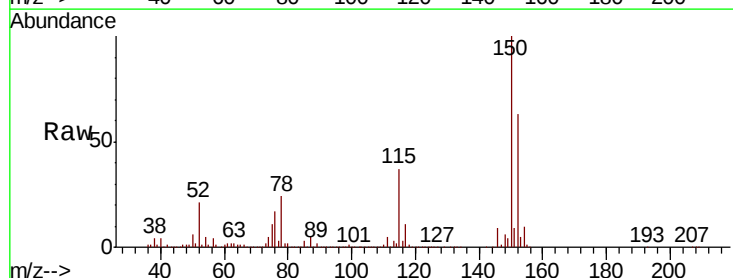
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

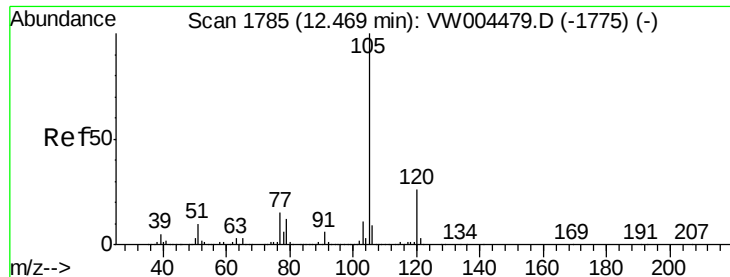
Tgt Ion:173 Resp: 83021
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion:152 Resp: 549715
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 162.5 0.0 349.6





#73

Isopropylbenzene

Concen: 19.827 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

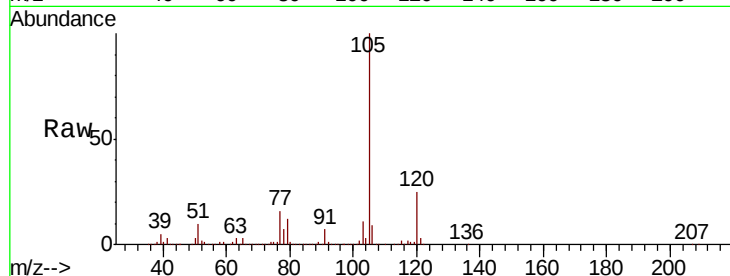
VW0810SBSD01

Tgt Ion:105 Resp: 753884

Ion Ratio Lower Upper

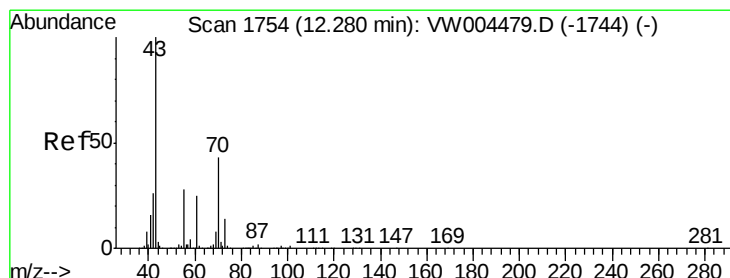
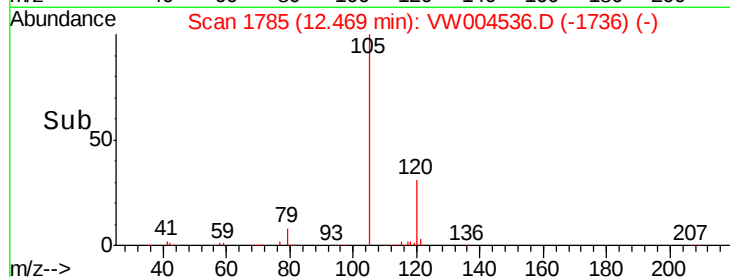
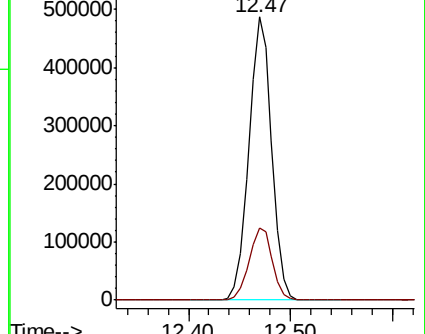
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.811 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion: 43 Resp: 182657

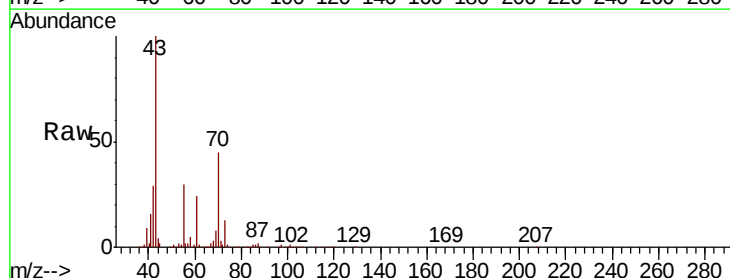
Ion Ratio Lower Upper

43 100

70 43.7 35.3 52.9

55 30.7 22.9 34.3

61 23.9 19.7 29.5

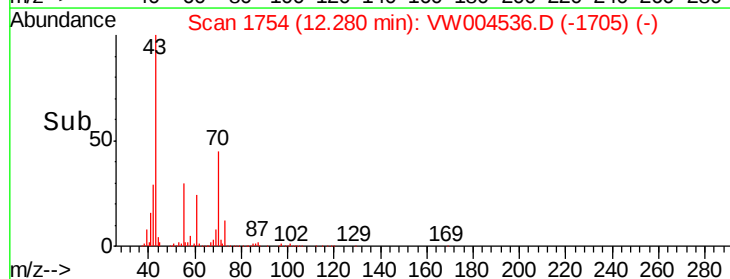
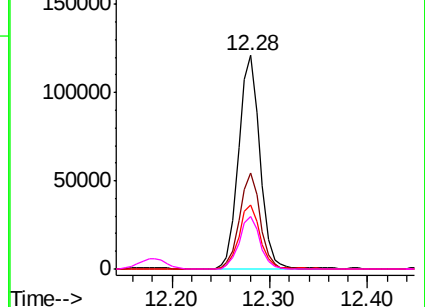


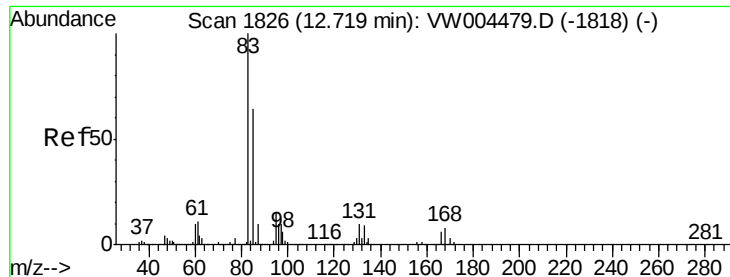
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.279 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

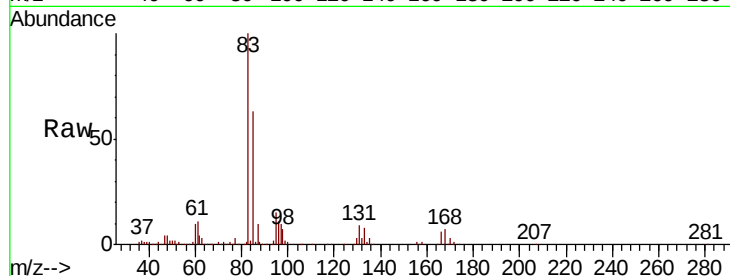
Tgt Ion: 83 Resp: 160960

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

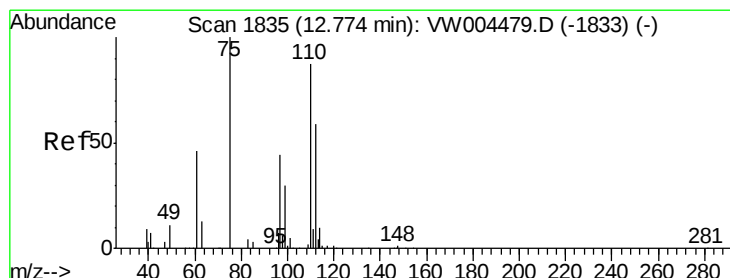
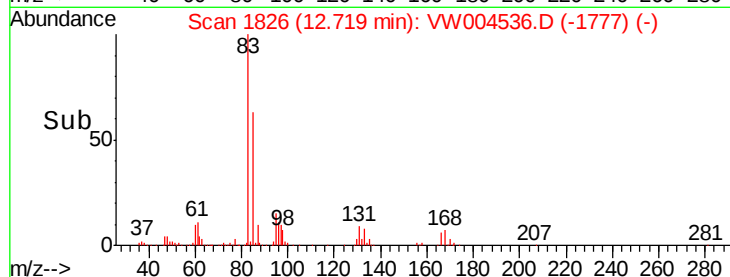
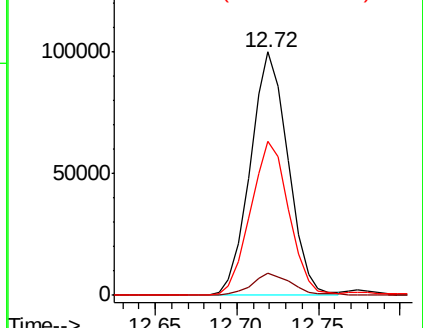
85 64.2 31.8 95.4



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: 35.606 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004536.D

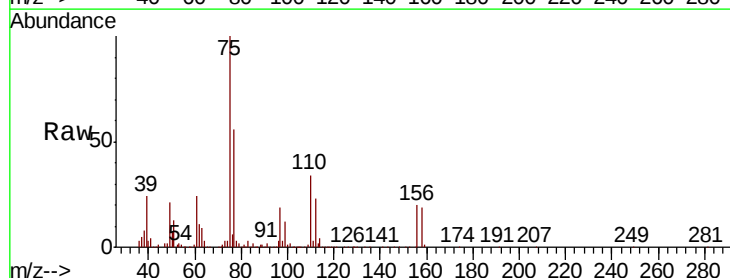
Acq: 08 Aug 2018 19:26

Tgt Ion: 75 Resp: 202537

Ion Ratio Lower Upper

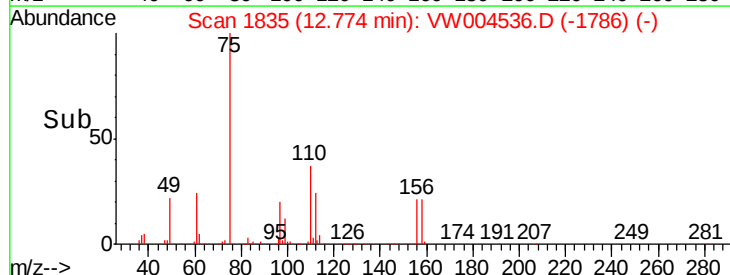
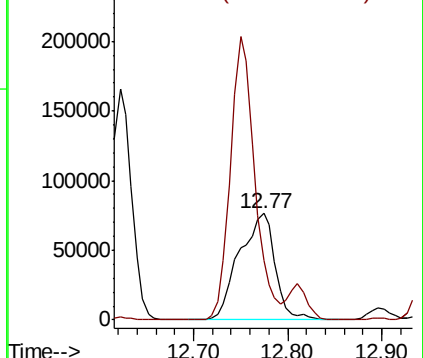
75 100

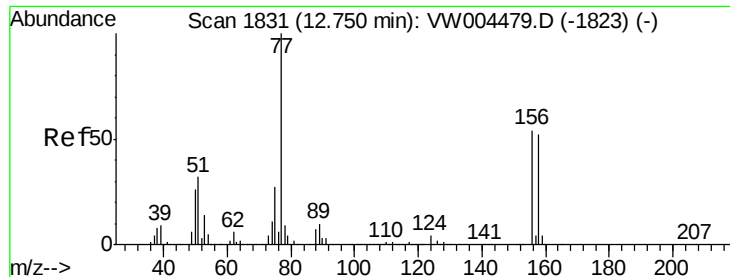
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

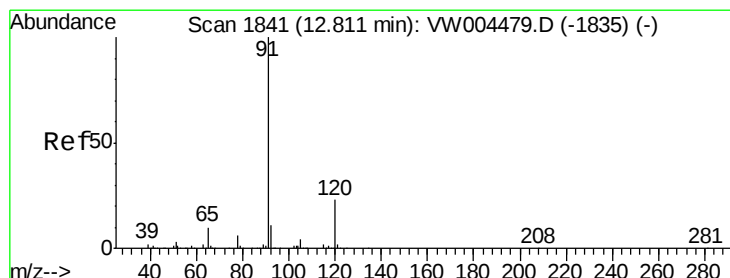
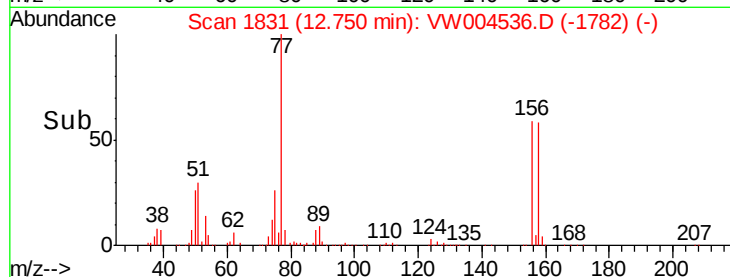
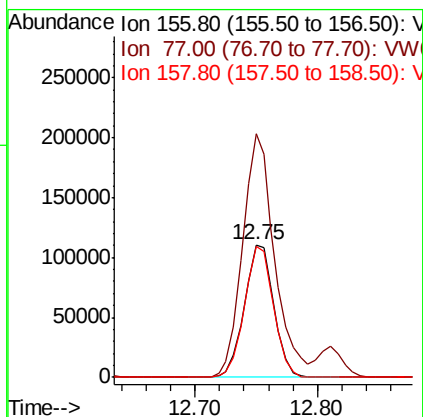
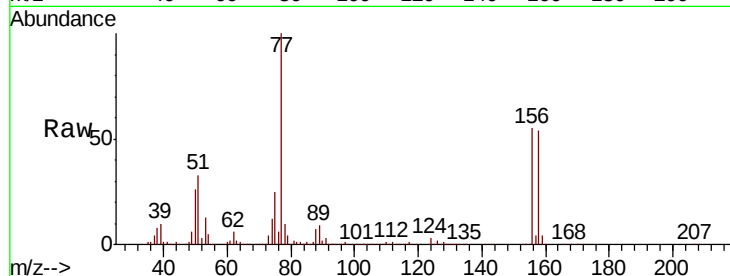




#77
Bromobenzene
Concen: 20.046 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

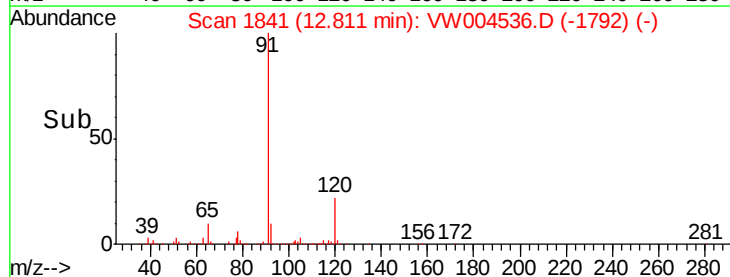
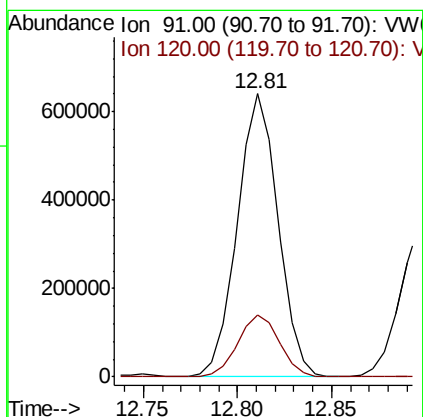
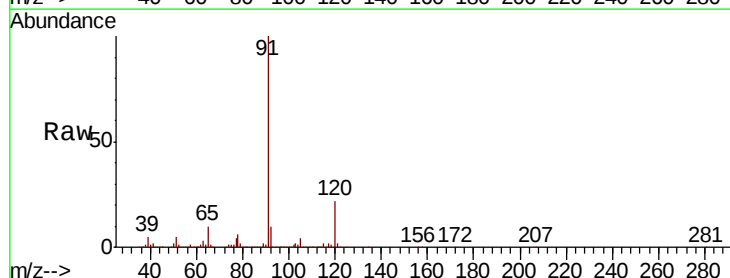
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

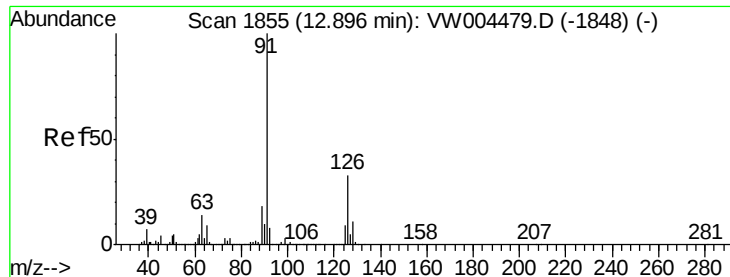
Tgt Ion:156 Resp: 184411
Ion Ratio Lower Upper
156 100
77 198.8 98.7 296.1
158 97.7 48.7 146.1



#78
n-propylbenzene
Concen: 20.370 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion: 91 Resp: 955728
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

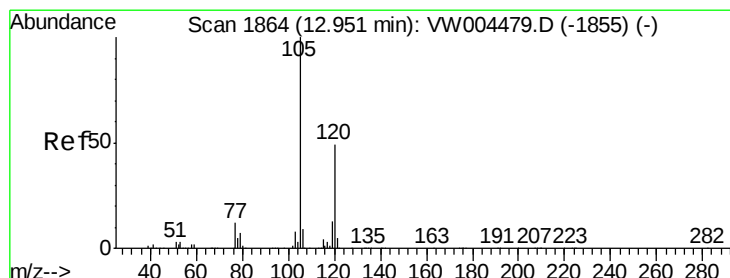
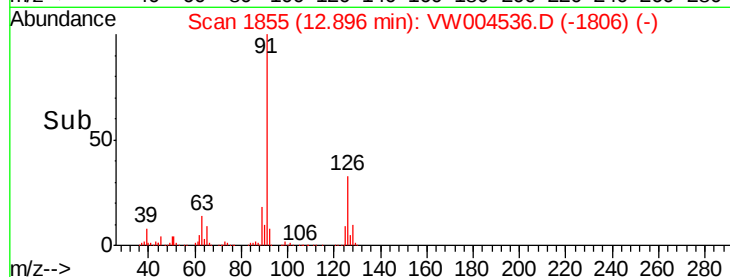
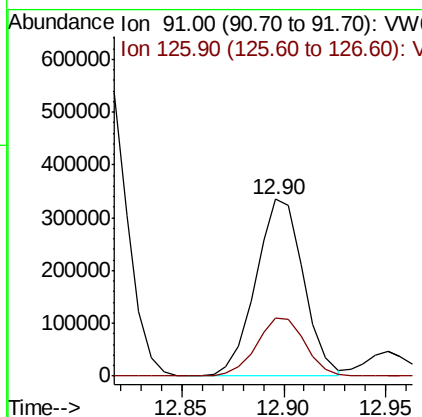
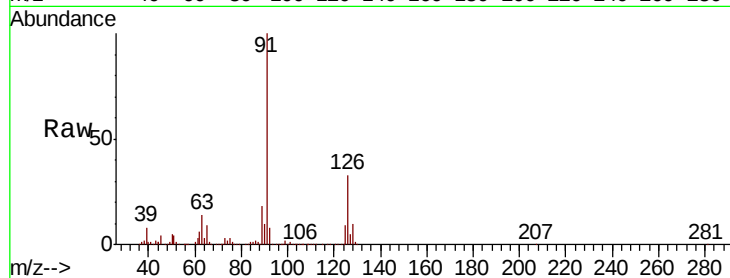




#79
 2-Chlorotoluene
 Concen: 20.078 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

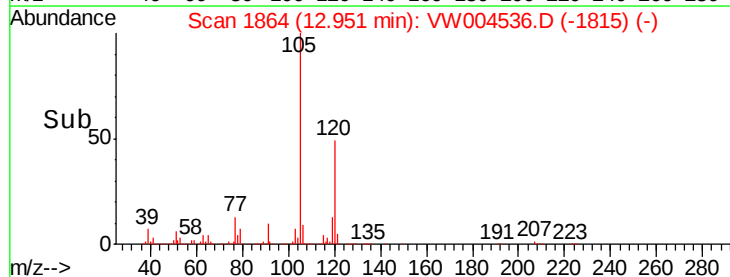
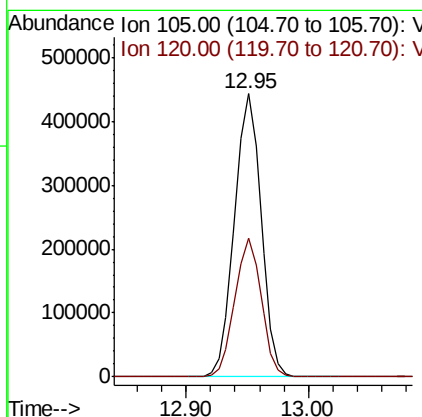
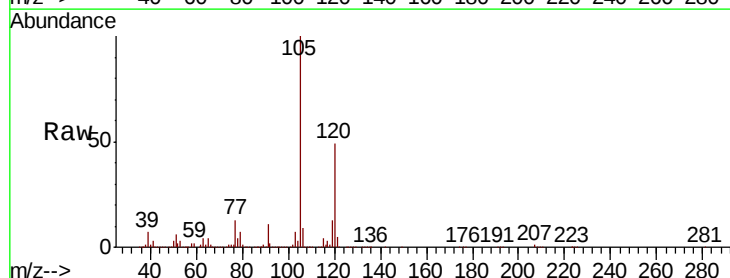
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

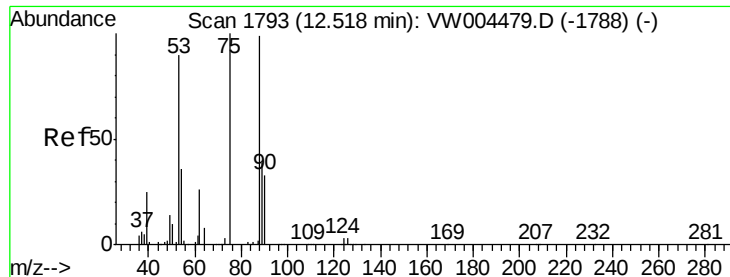
Tgt Ion: 91 Resp: 545142
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.550 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion: 105 Resp: 666562
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.151 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

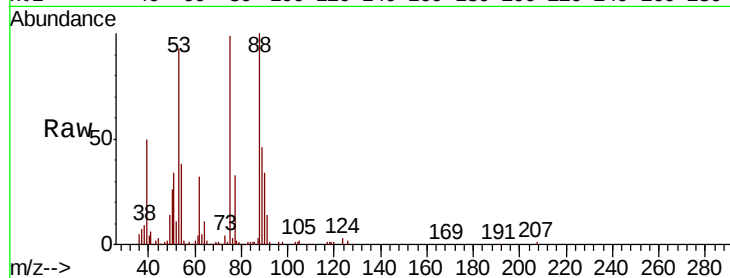
Tgt Ion: 75 Resp: 45507

Ion Ratio Lower Upper

75 100

53 98.1 74.4 111.6

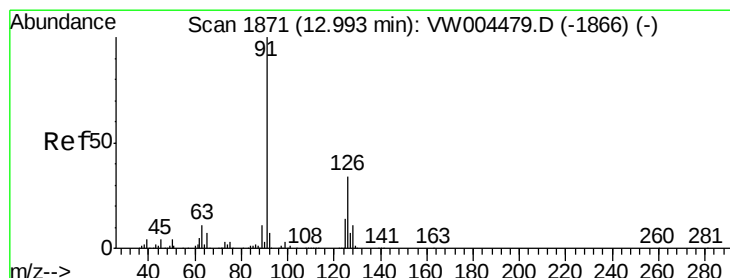
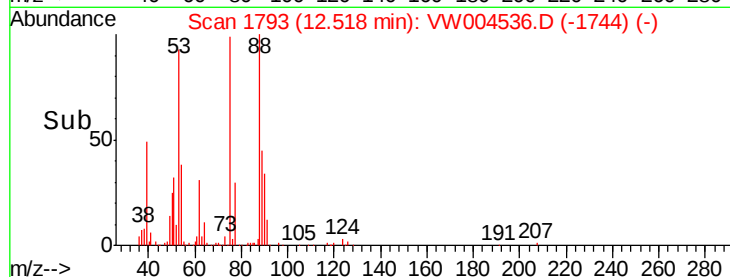
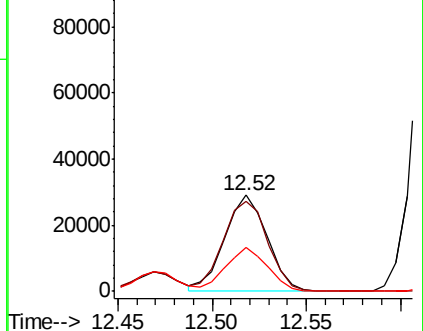
89 44.4 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.566 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004536.D

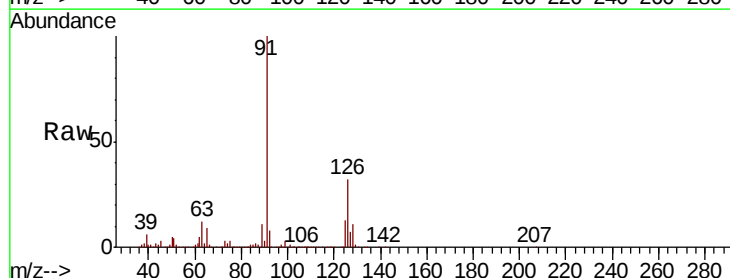
Acq: 08 Aug 2018 19:26

Tgt Ion: 91 Resp: 592624

Ion Ratio Lower Upper

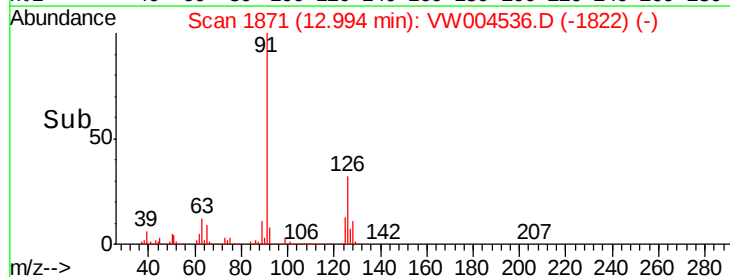
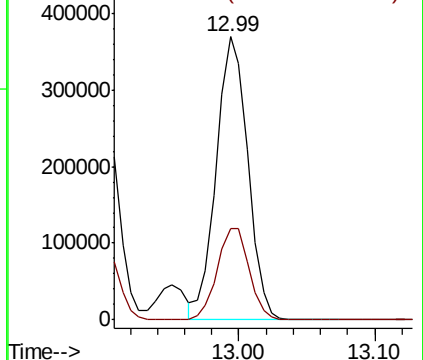
91 100

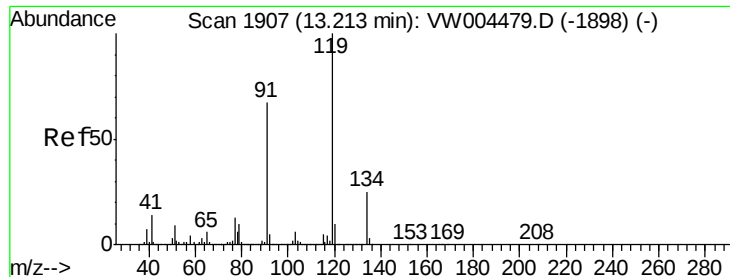
126 32.8 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

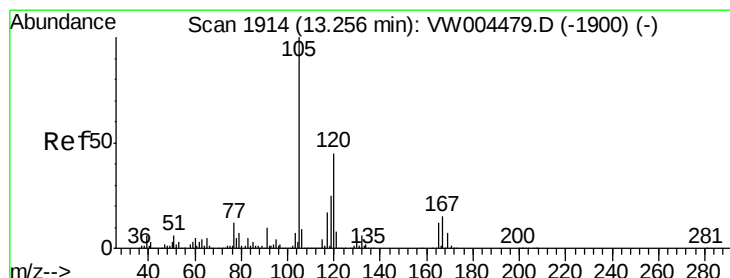
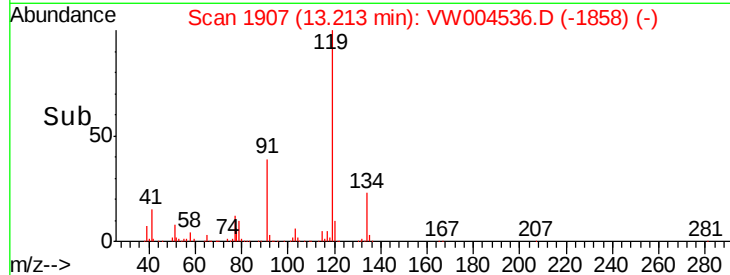
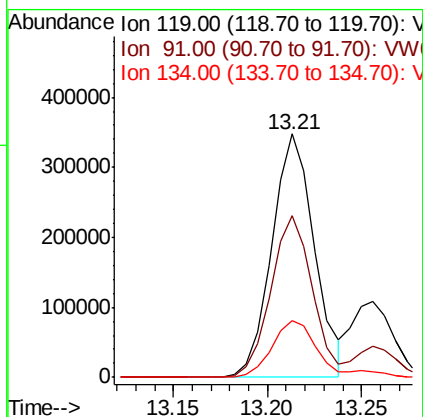
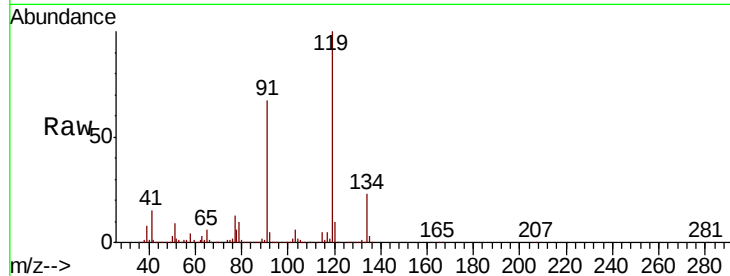




#83
 tert-Butylbenzene
 Concen: 19.990 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

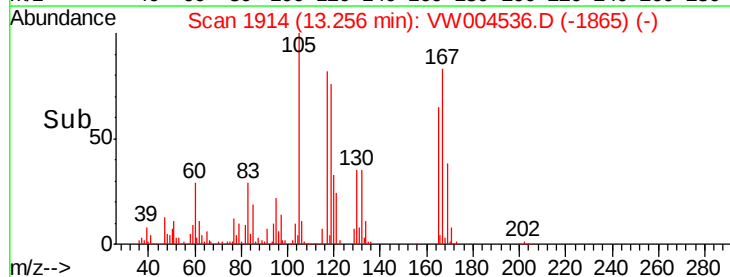
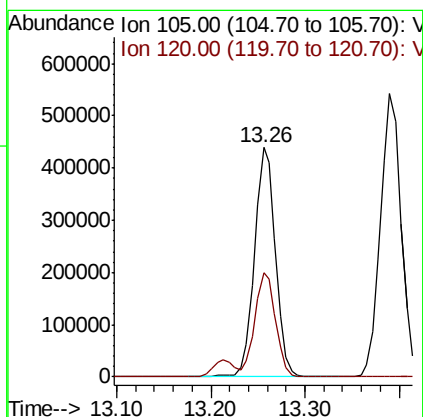
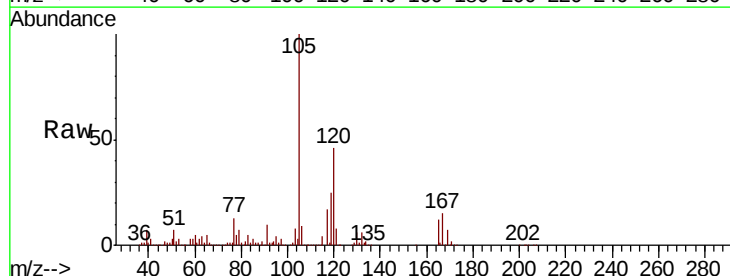
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

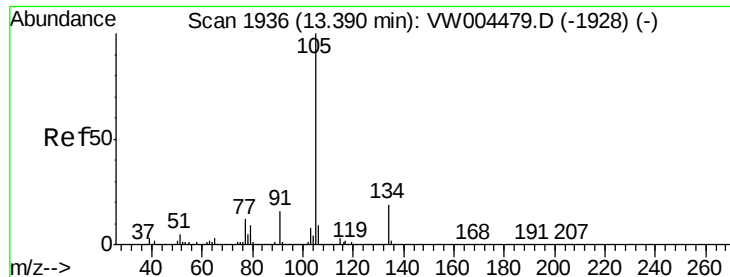
Tgt Ion:119 Resp: 543848
 Ion Ratio Lower Upper
 119 100
 91 64.6 33.3 99.8
 134 24.1 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.560 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion:105 Resp: 690350
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.8

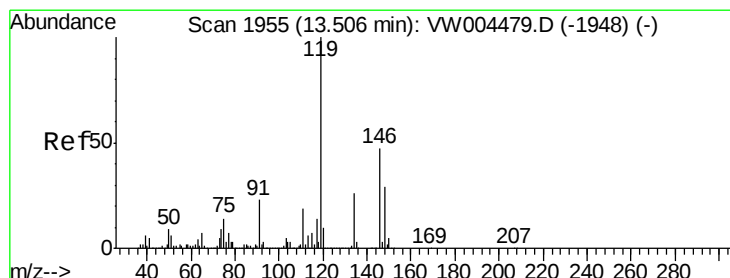
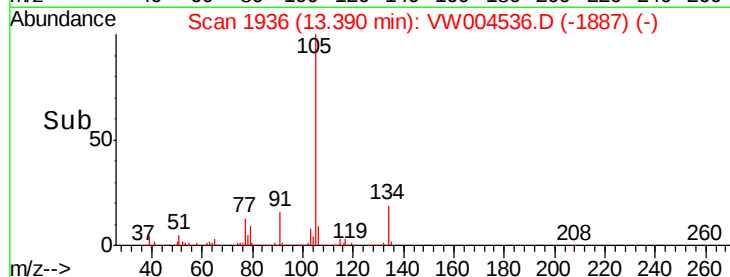
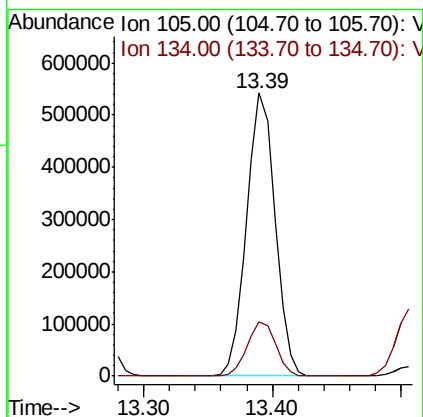
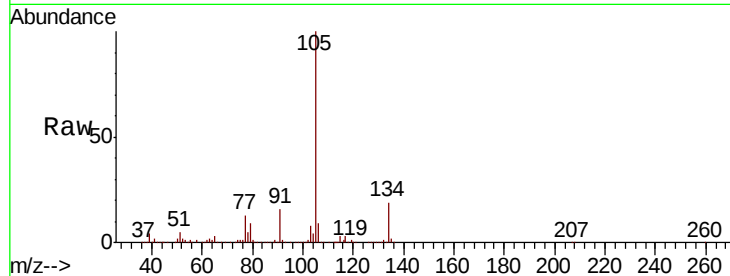




#85
 sec-Butylbenzene
 Concen: 20.128 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

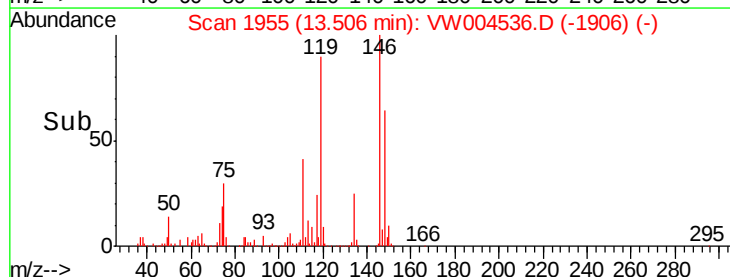
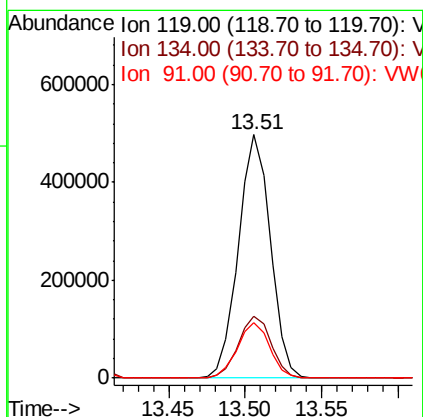
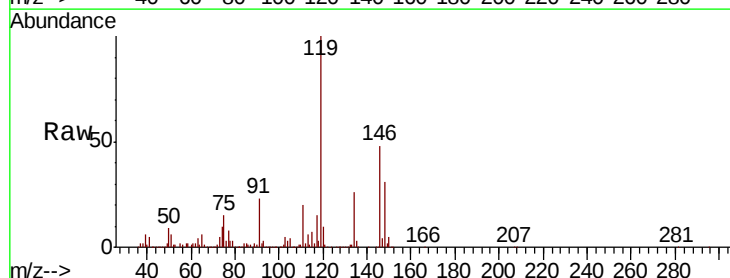
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

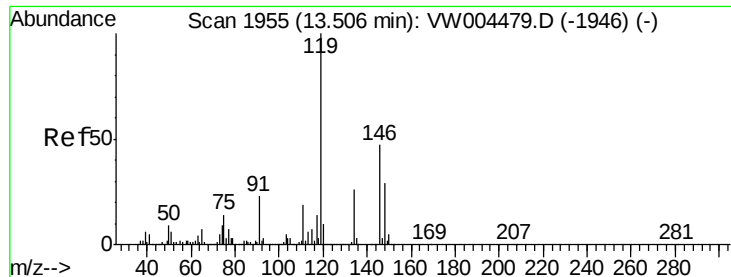
Tgt Ion:105 Resp: 826146
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.296 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion:119 Resp: 721846
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 22.8 11.4 34.1

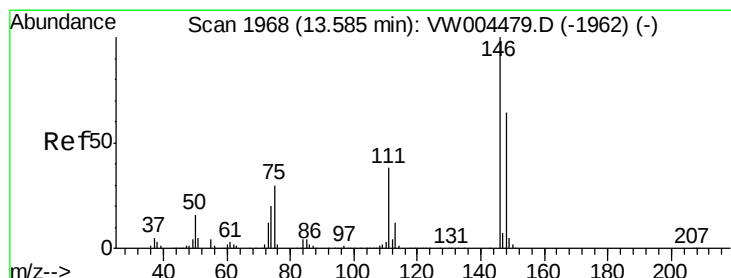
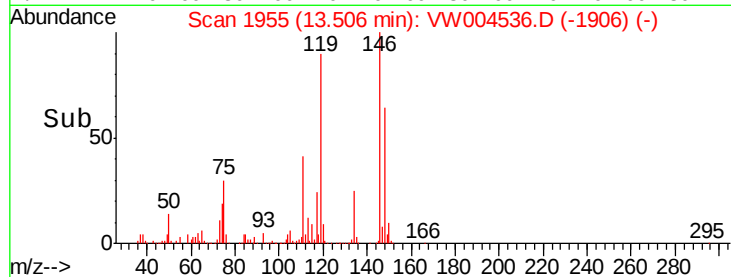
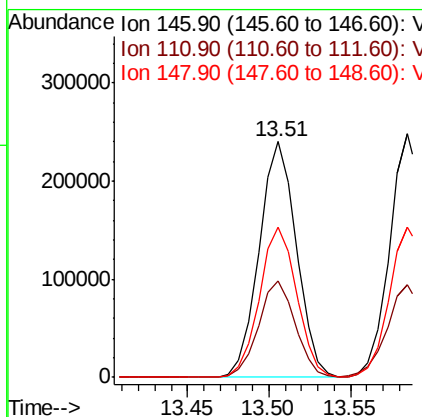
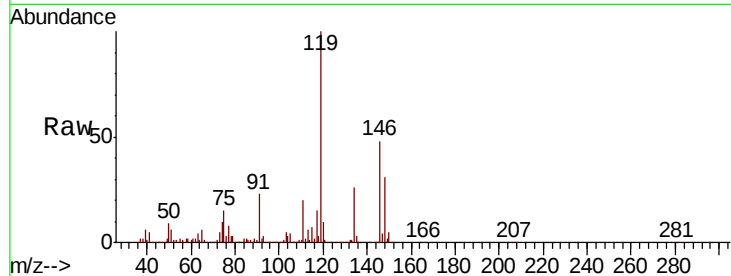




#87
 1,3-Dichlorobenzene
 Concen: 19.968 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

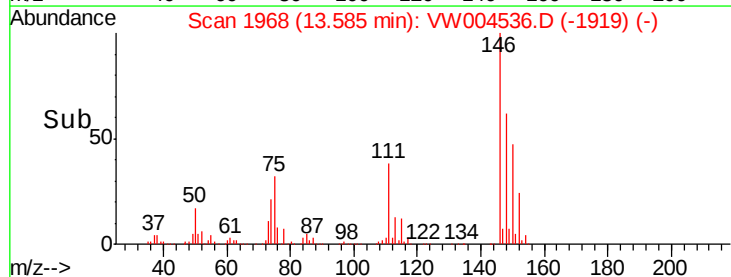
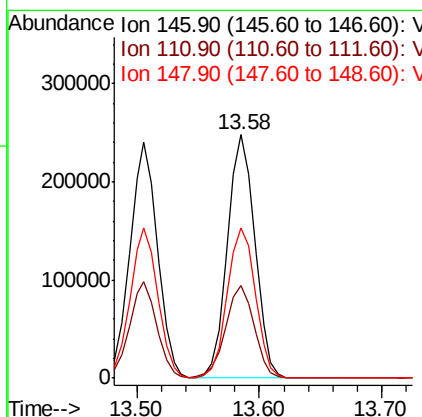
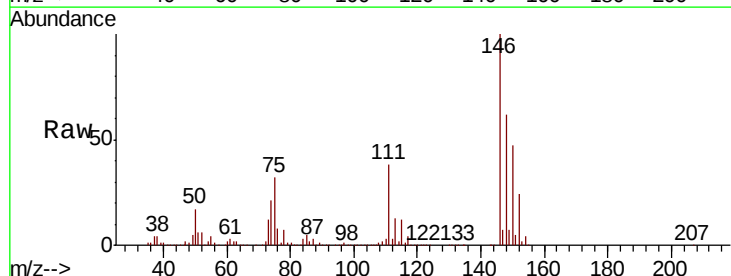
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

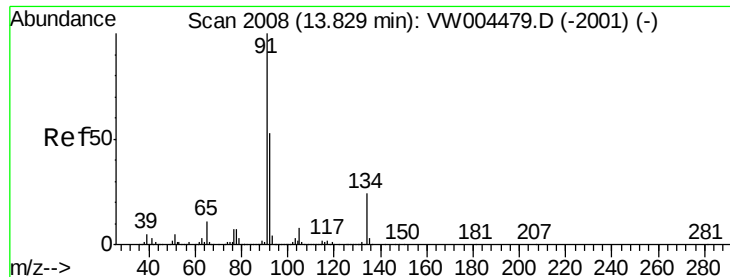
Tgt Ion:146 Resp: 378502
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 59.9
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.305 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion:146 Resp: 383163
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 19.898 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

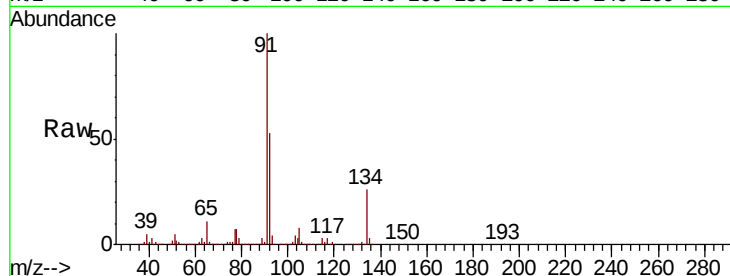
Tgt Ion: 91 Resp: 695310

Ion Ratio Lower Upper

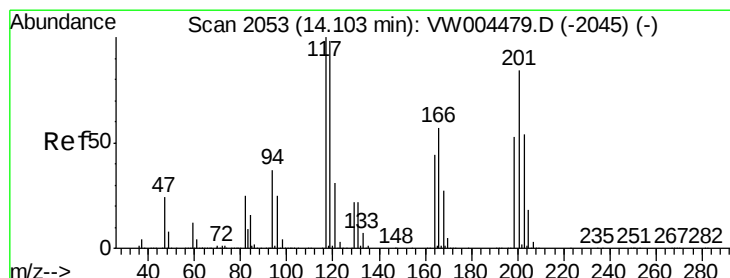
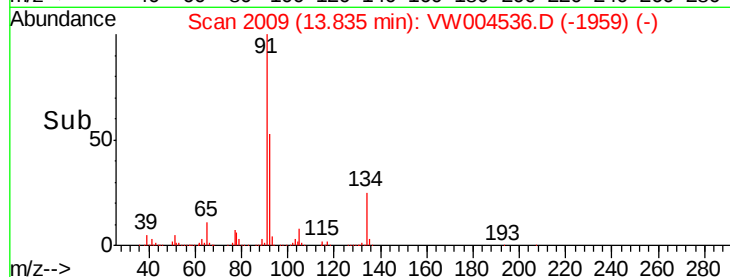
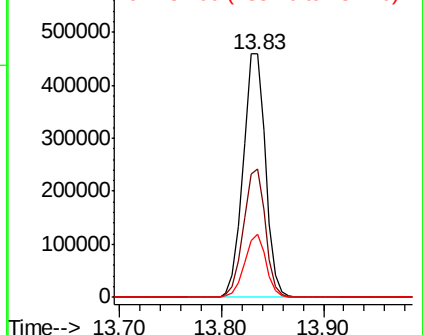
91 100

92 51.7 26.4 79.0

134 24.9 12.4 37.2



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



#90

Hexachloroethane

Concen: 19.079 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004536.D

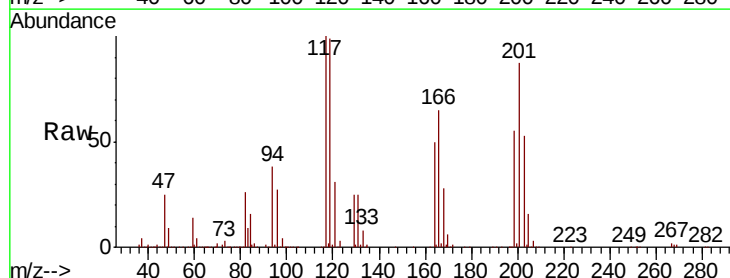
Acq: 08 Aug 2018 19:26

Tgt Ion: 117 Resp: 125545

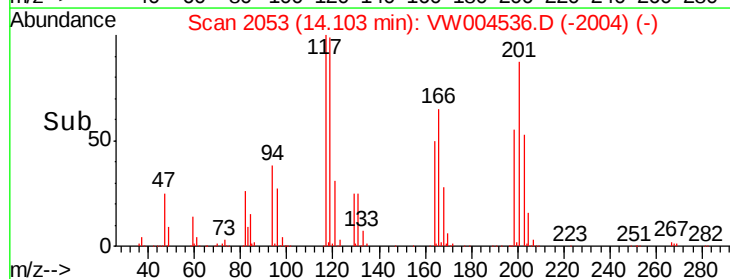
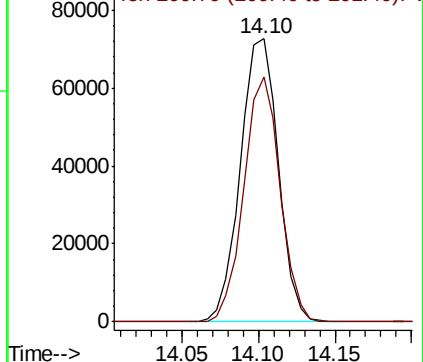
Ion Ratio Lower Upper

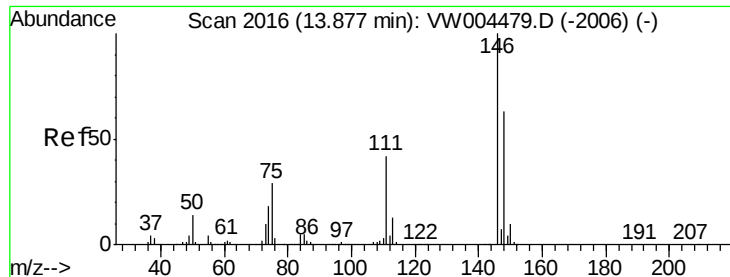
117 100

201 82.5 40.1 120.3



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





#91

1,2-Dichlorobenzene

Concen: 20.227 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

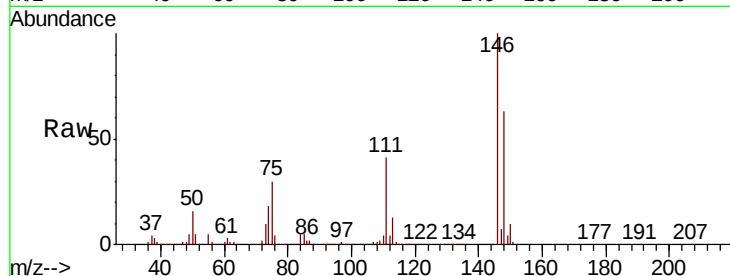
Tgt Ion:146 Resp: 347848

Ion Ratio Lower Upper

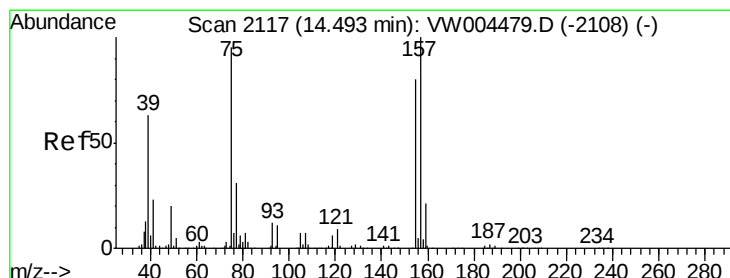
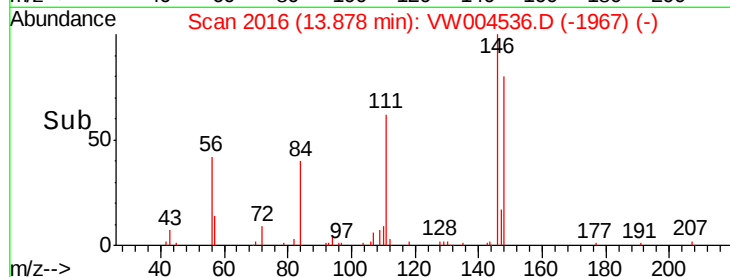
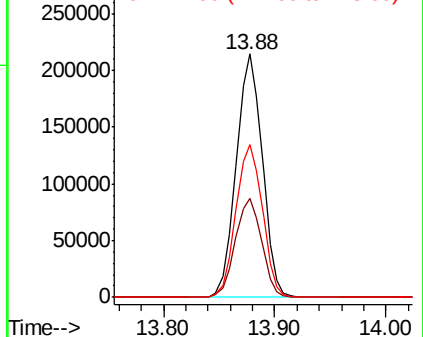
146 100

111 41.1 20.8 62.2

148 63.6 31.8 95.4



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.128 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

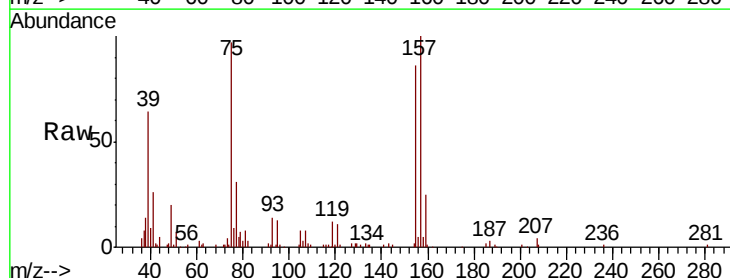
Tgt Ion: 75 Resp: 26106

Ion Ratio Lower Upper

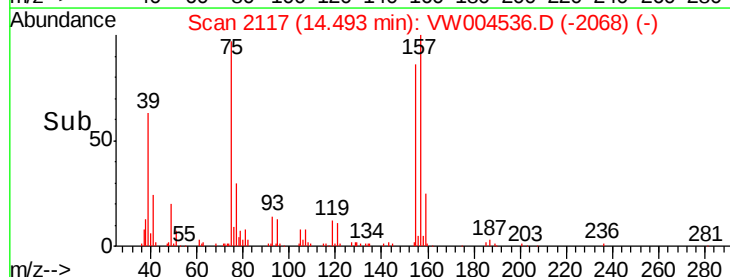
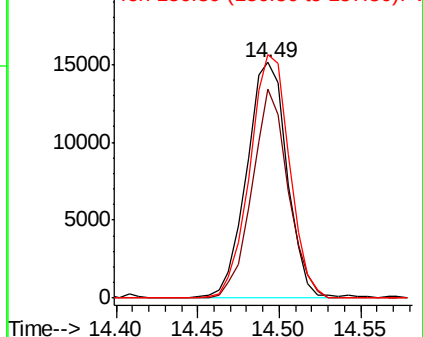
75 100

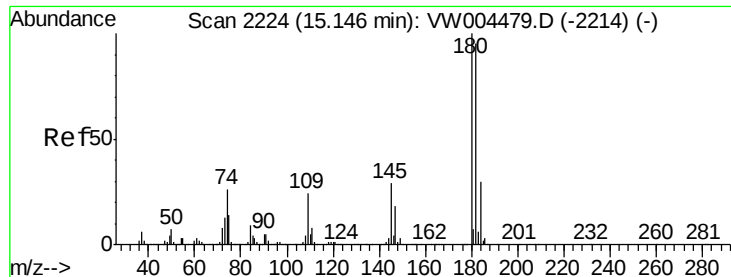
155 79.2 41.3 123.7

157 101.1 52.6 157.8



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

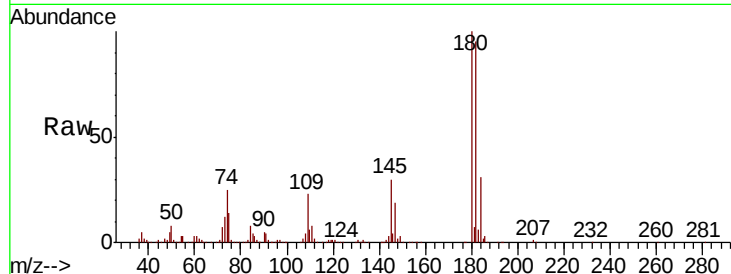




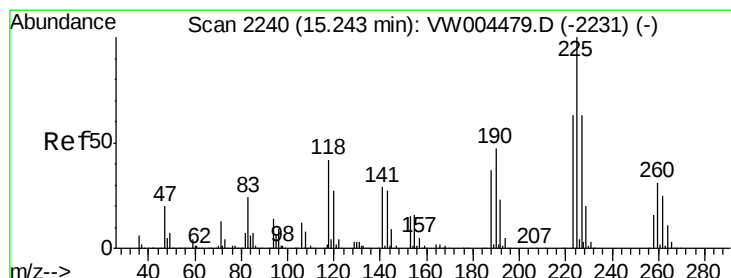
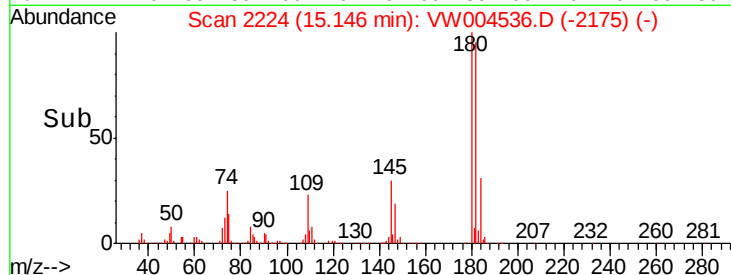
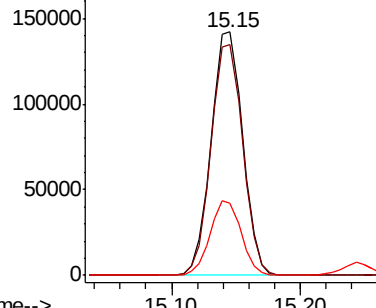
#93
 1,2,4-Trichlorobenzene
 Concen: 20.241 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.6
145	30.1	14.9	44.9

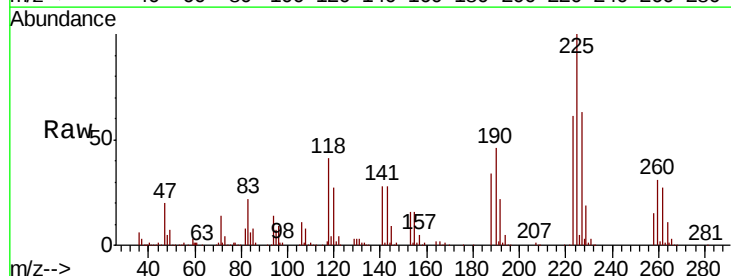


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

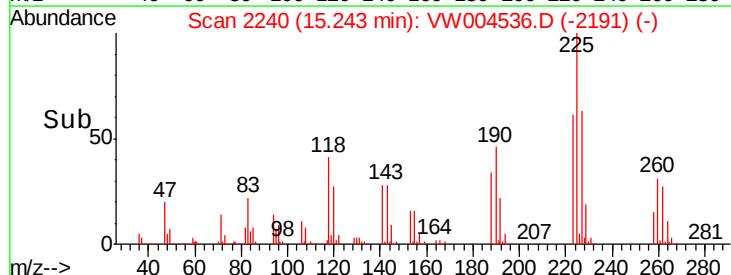
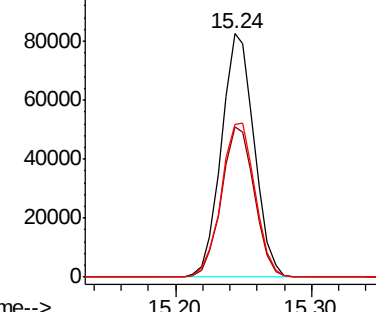


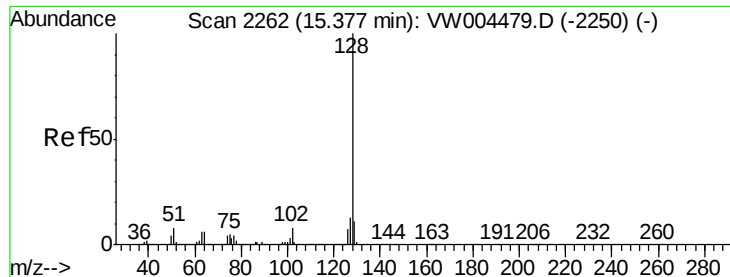
#94
 Hexachlorobutadiene
 Concen: 20.138 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.8
227	65.2	31.8	95.4



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

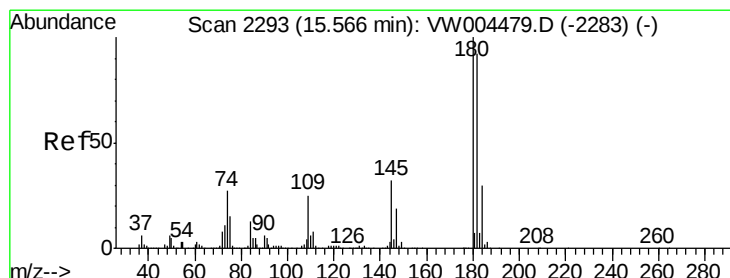
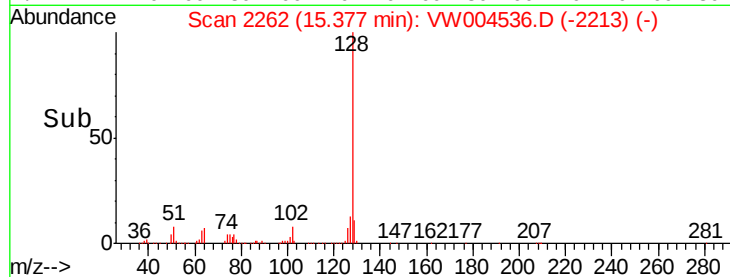
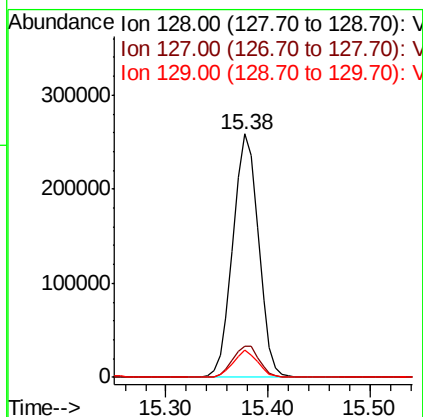
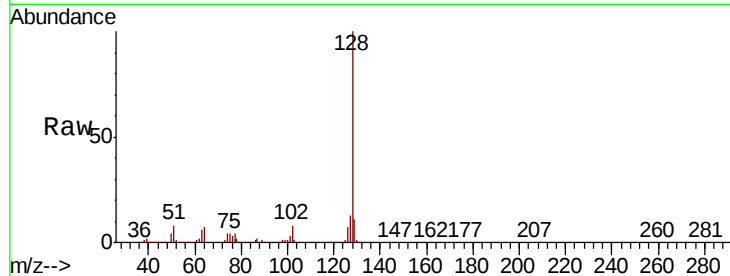




#95
Naphthalene
Concen: 20.108 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tgt Ion:128 Resp: 448613
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.816 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion:180 Resp: 222718
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.2
145 31.7 15.9 47.6

