

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006762.D
 Acq On : 08 Nov 2018 13:40
 Operator : SY/AP
 Sample : VW1108SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

Quant Time: Nov 09 11:13:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217900	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	119726	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	7.88	113	132256	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.32	98	503382	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	176791	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34681	22.235	ug/l	98
3) Chloromethane	2.21	50	38582	19.993	ug/l	98
4) Vinyl Chloride	2.37	62	60161	22.327	ug/l	99
5) Bromomethane	2.79	94	47637	21.065	ug/l	99
6) Chloroethane	2.93	64	39093	20.764	ug/l	100
7) Trichlorofluoromethane	3.26	101	54964	23.099	ug/l	97
8) Diethyl Ether	3.67	74	25116	19.309	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57244	22.529	ug/l	99
10) Methyl Iodide	4.26	142	88767	19.267	ug/l	99
11) Tert butyl alcohol	5.23	59	12814	91.958	ug/l #	96
12) 1,1-Dichloroethene	4.03	96	52950	21.576	ug/l	98
13) Acrolein	3.90	56	13772	78.580	ug/l	97
14) Allyl chloride	4.67	41	66082	20.628	ug/l	100
15) Acrylonitrile	5.38	53	45537	97.637	ug/l	99
16) Acetone	4.15	43	53483	128.087	ug/l	99
17) Carbon Disulfide	4.37	76	151126	21.640	ug/l	99
18) Methyl Acetate	4.68	43	21828	18.180	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70642	19.338	ug/l	99
20) Methylene Chloride	4.91	84	59230	18.074	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59180	21.311	ug/l	95
22) Diisopropyl ether	6.31	45	134751	20.177	ug/l	97
23) Vinyl Acetate	6.26	43	367605	99.259	ug/l	100
24) 1,1-Dichloroethane	6.21	63	94759	20.936	ug/l	99
25) 2-Butanone	7.18	43	65435	109.821	ug/l	99
26) 2,2-Dichloropropane	7.16	77	65581	24.053	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	62774	20.205	ug/l	98
28) Bromochloromethane	7.51	49	37109	20.647	ug/l	97
29) Tetrahydrofuran	7.54	42	34616	92.367	ug/l	99
30) Chloroform	7.68	83	101584	20.471	ug/l	99
31) Cyclohexane	7.96	56	86155	20.914	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	91291	21.741	ug/l	99
36) 1,1-Dichloropropene	8.09	75	81745	22.415	ug/l	99
37) Ethyl Acetate	7.26	43	25189	19.931	ug/l	99
38) Carbon Tetrachloride	8.07	117	88257	23.160	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105201	22.731	ug/l	97
40) Benzene	8.32	78	227436	21.956	ug/l	98
41) Methacrylonitrile	7.49	41	15437	19.920	ug/l	99
42) 1,2-Dichloroethane	8.40	62	62832	21.150	ug/l	99
43) Isopropyl Acetate	8.43	43	50524	20.034	ug/l	100
44) Trichloroethene	9.09	130	69639	21.786	ug/l	95
45) 1,2-Dichloropropane	9.37	63	52160	21.637	ug/l	96
46) Dibromomethane	9.46	93	29826	21.048	ug/l	99
47) Bromodichloromethane	9.65	83	70080	21.299	ug/l	100
48) Methyl methacrylate	9.44	41	23658	19.471	ug/l	98
49) 1,4-Dioxane	9.49	88	8187	394.771	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	131274	101.353	ug/l	99
52) Toluene	10.39	92	150709	21.692	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66837	21.107	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79325	21.198	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42287	21.032	ug/l	94
56) Ethyl methacrylate	10.65	69	44417	19.436	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68539	20.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	115715	104.164	ug/l	99
59) 2-Hexanone	10.98	43	97295	110.600	ug/l	100
60) Dibromochloromethane	11.13	129	50233	21.087	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41388	20.729	ug/l	99
64) Tetrachloroethene	10.87	164	64011	20.977	ug/l	96
65) Chlorobenzene	11.66	112	174105	21.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	60526	21.378	ug/l	99
67) Ethyl Benzene	11.74	91	295535	21.950	ug/l	98
68) m/p-Xylenes	11.84	106	236150	43.901	ug/l	99
69) o-Xylene	12.17	106	109641	21.410	ug/l	99
70) Styrene	12.18	104	176218	21.106	ug/l	99
71) Bromoform	12.35	173	31102	20.724	ug/l #	98
73) Isopropylbenzene	12.47	105	306306	21.339	ug/l	100
74) N-amyl acetate	12.28	43	47772	19.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47530	20.965	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	59705	35.118	ug/l #	100
77) Bromobenzene	12.75	156	78280	21.063	ug/l	99
78) n-propylbenzene	12.81	91	363163	21.996	ug/l	99
79) 2-Chlorotoluene	12.90	91	201834	21.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	259851	21.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11935	19.874	ug/l	93
82) 4-Chlorotoluene	12.99	91	214161	21.364	ug/l	100
83) tert-Butylbenzene	13.21	119	230296	21.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	263536	21.306	ug/l	100
85) sec-Butylbenzene	13.39	105	331923	22.037	ug/l	100
86) p-Isopropyltoluene	13.51	119	299687	21.867	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	157087	21.462	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	156591	21.584	ug/l	100
89) n-Butylbenzene	13.83	91	270841	22.263	ug/l	100
90) Hexachloroethane	14.10	117	49289	21.882	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	139542	21.195	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7190	19.545	ug/l	96

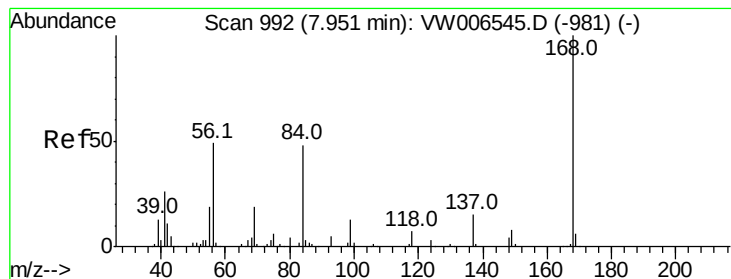
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101364	20.706	ug/l	99
94) Hexachlorobutadiene	15.24	225	67380	22.084	ug/l	100
95) Naphthalene	15.38	128	152123	19.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	88236	20.508	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

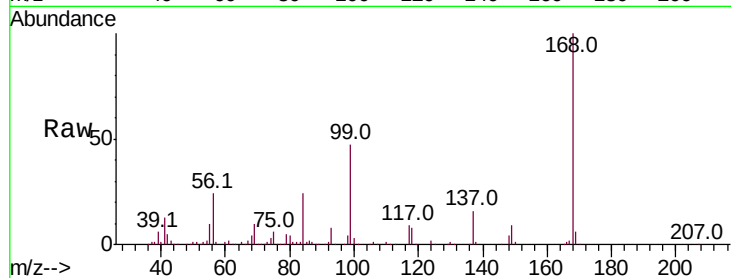
VW1108SBS01

Tot Ion:168 Resp: 300872

Ion Ratio Lower Upper

168 100

99 46.6 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

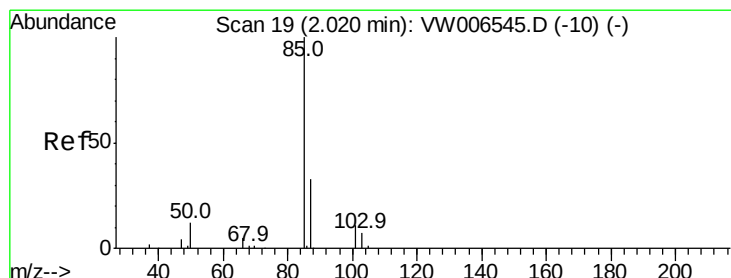
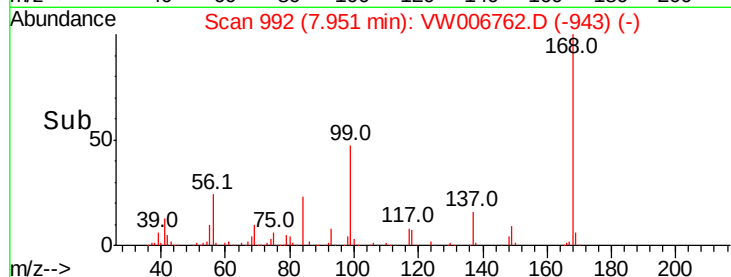
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.235 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006762.D

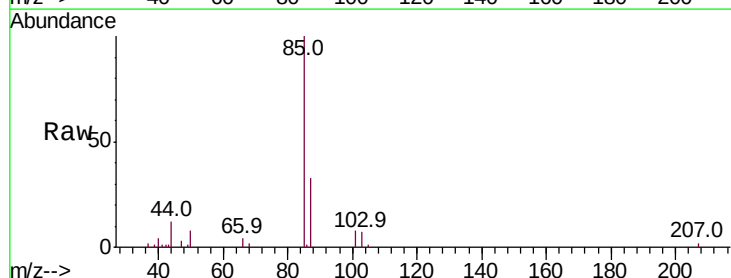
Acq: 08 Nov 2018 13:40

Tgt Ion: 85 Resp: 34681

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

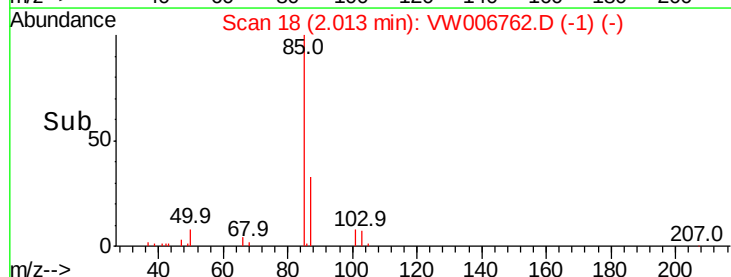
4000

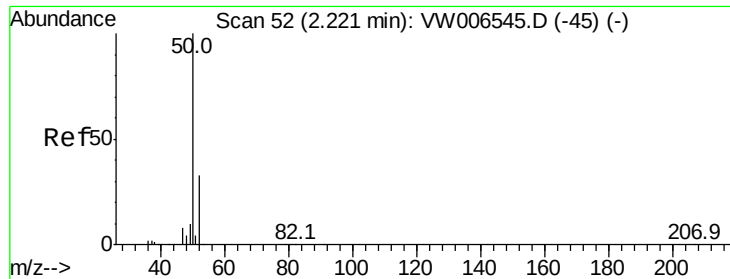
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.993 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

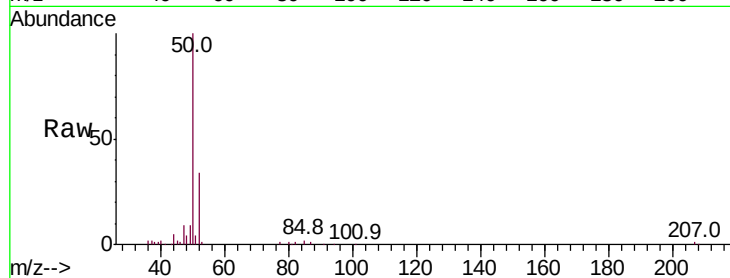
VW1108SBSD01

Tot Ion: 50 Resp: 38582

Ion Ratio Lower Upper

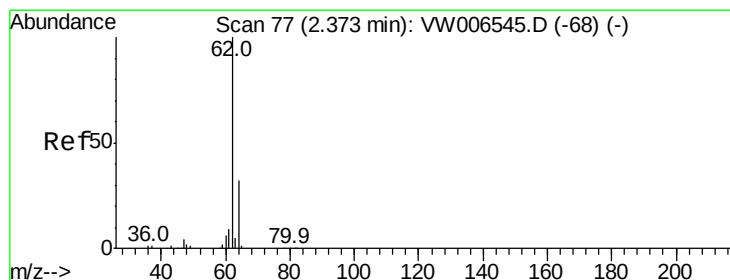
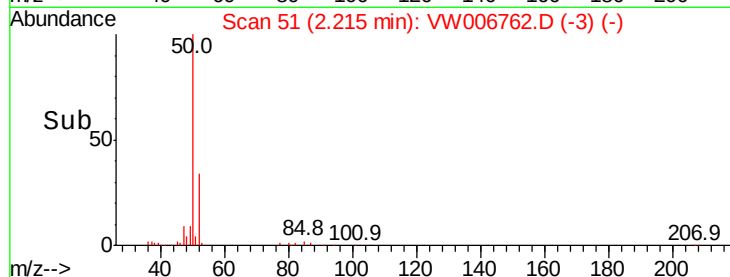
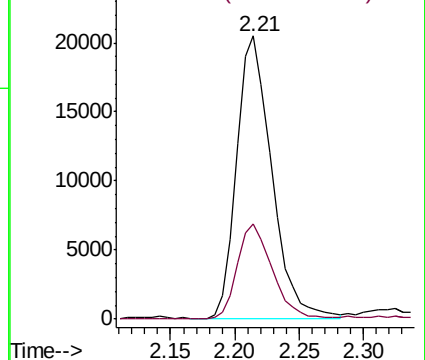
50 100

52 33.9 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 22.327 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006762.D

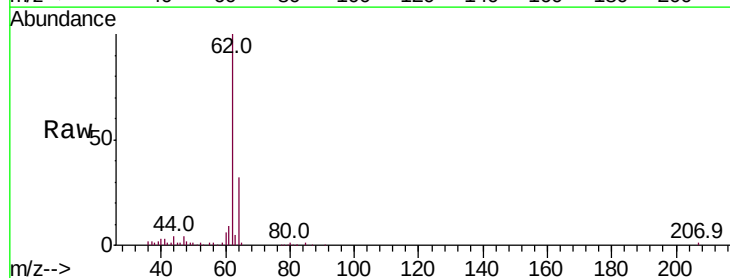
Acq: 08 Nov 2018 13:40

Tgt Ion: 62 Resp: 60161

Ion Ratio Lower Upper

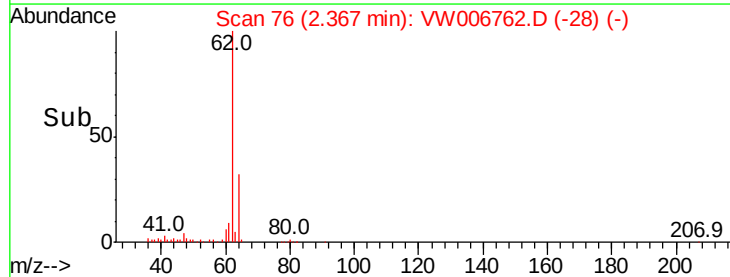
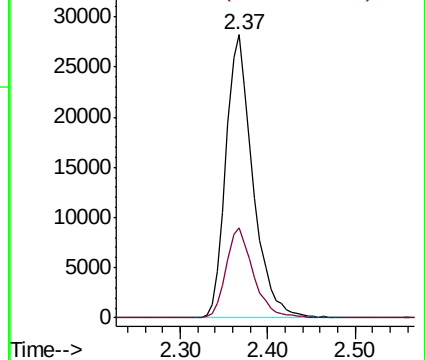
62 100

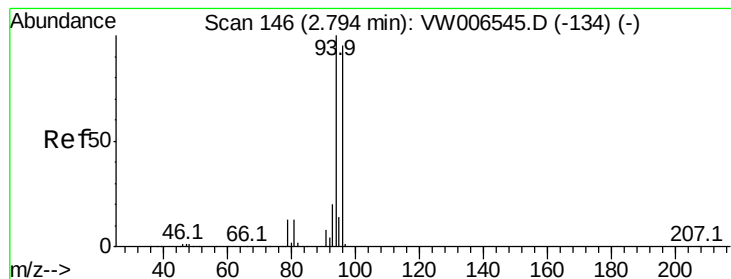
64 32.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.065 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

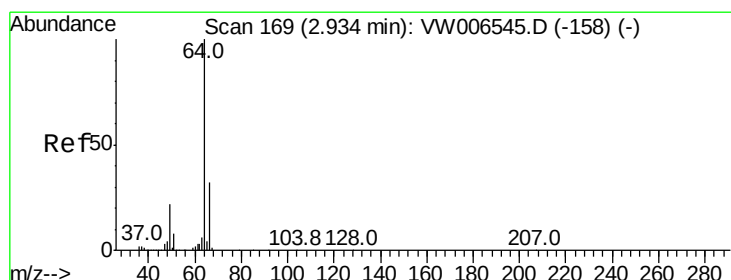
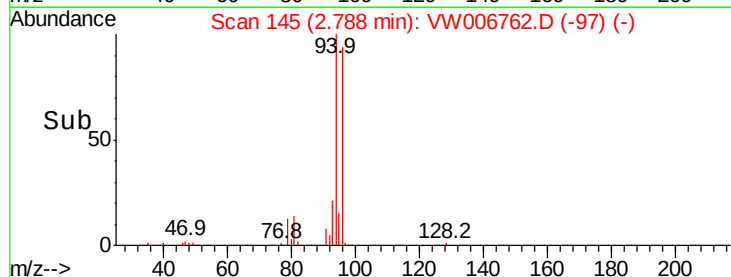
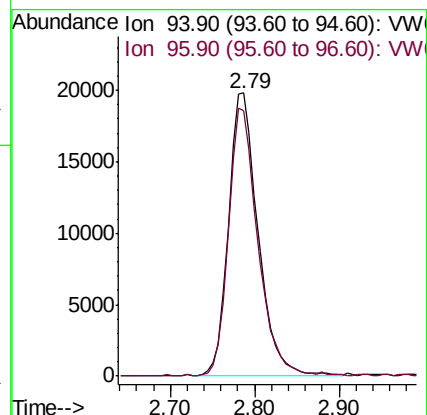
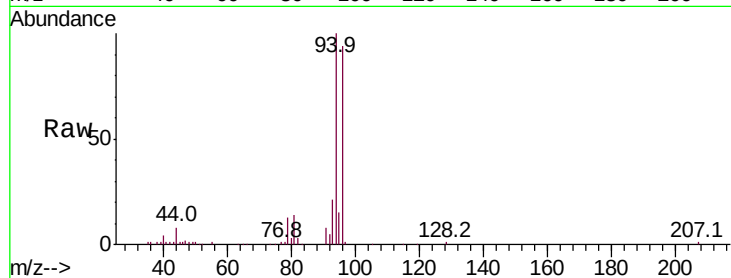
VW1108SBSD01

Tot Ion: 94 Resp: 47637

Ion Ratio Lower Upper

94 100

96 93.6 75.7 113.5



#6

Chloroethane

Concen: 20.764 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006762.D

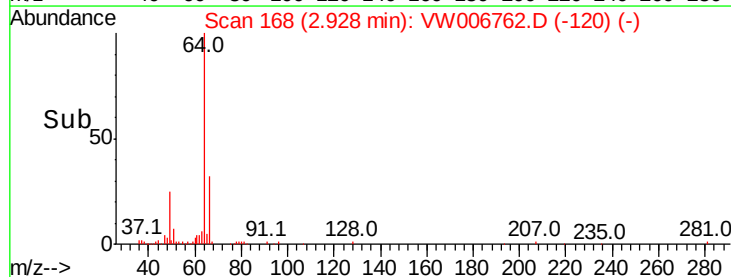
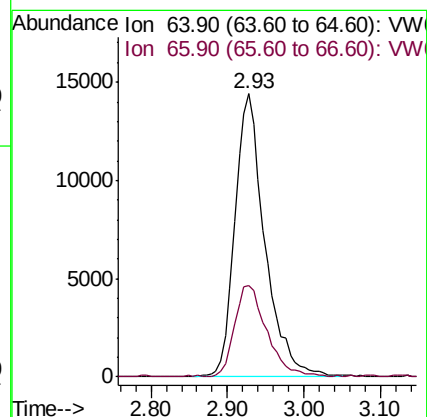
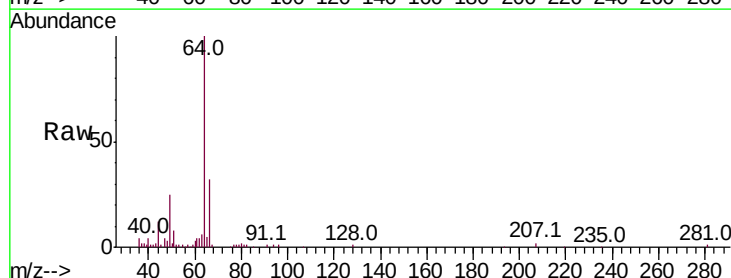
Acq: 08 Nov 2018 13:40

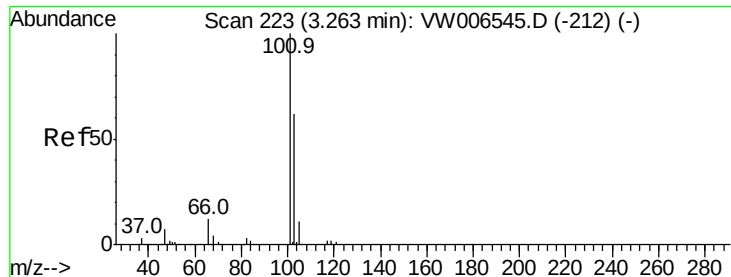
Tgt Ion: 64 Resp: 39093

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9



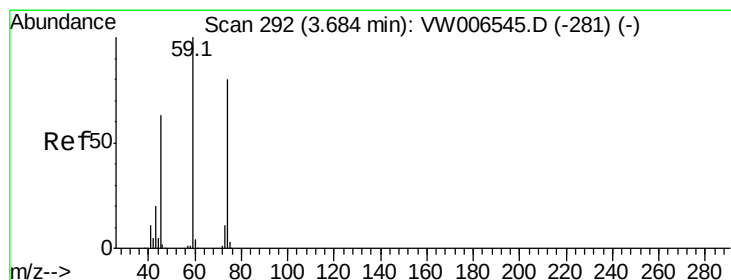
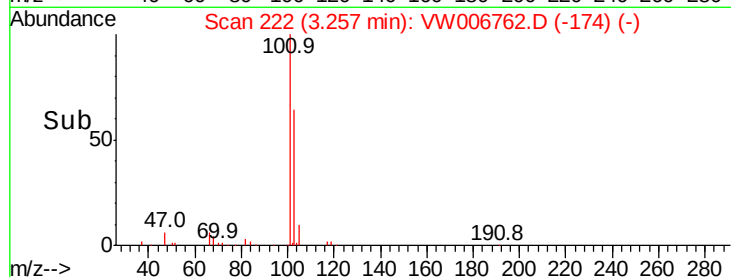
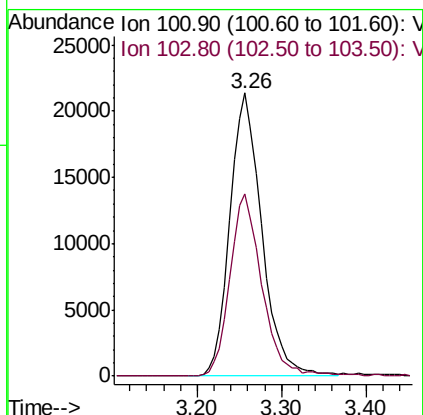
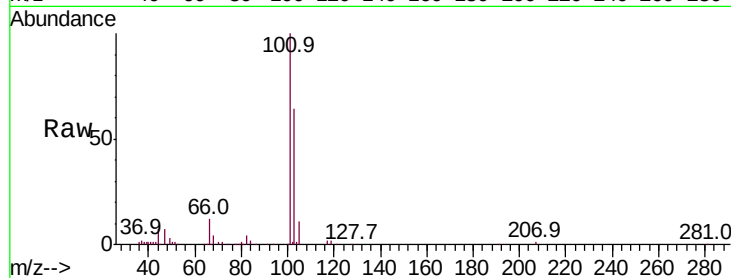


#7

Trichlorofluoromethane
 Concen: 23.099 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

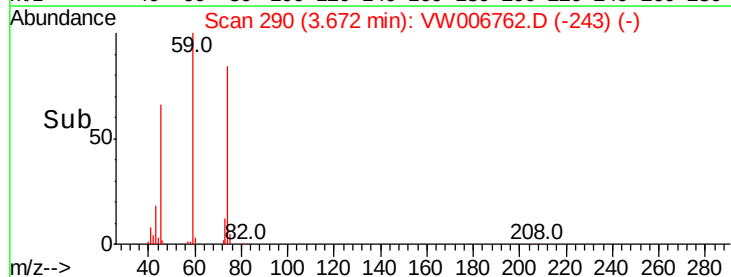
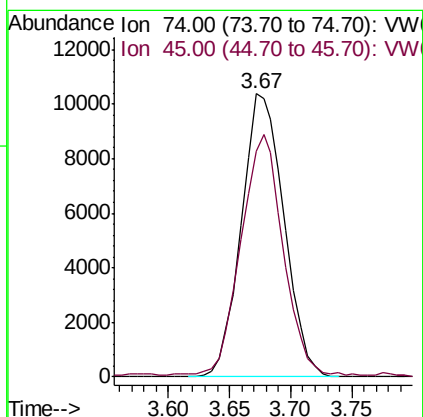
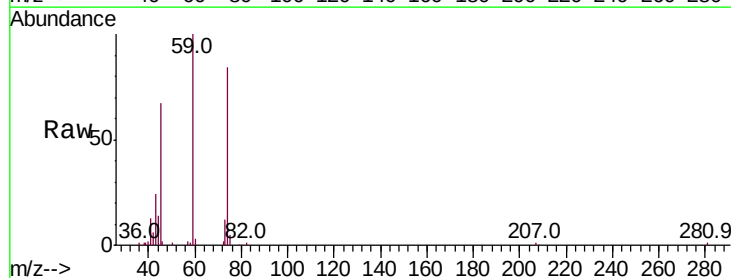
Tot Ion:101 Resp: 54964
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.8 74.8

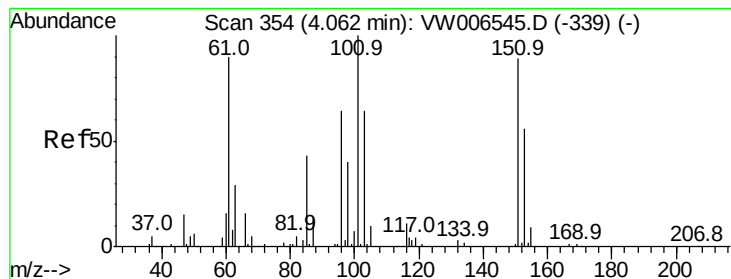


#8

Diethyl Ether
 Concen: 19.309 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion: 74 Resp: 25116
 Ion Ratio Lower Upper
 74 100
 45 83.6 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.529 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

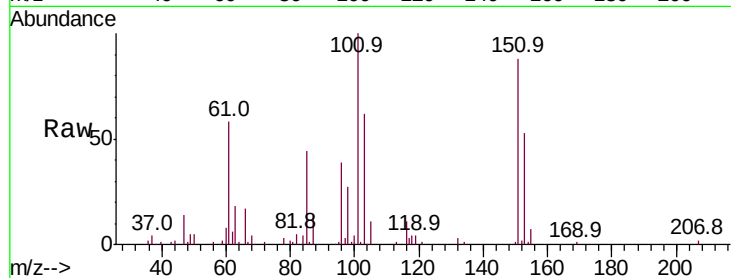
Tot Ion:101 Resp: 57244

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.2

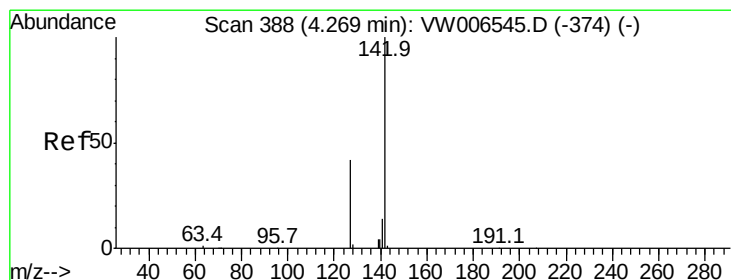
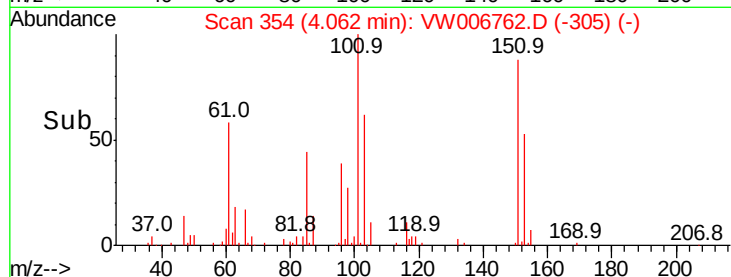
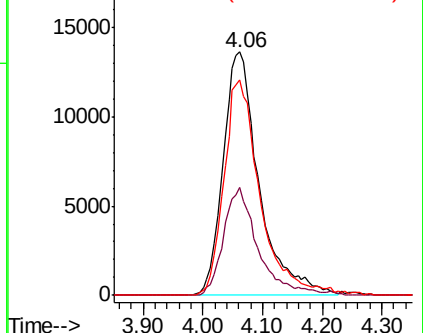
151 89.1 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.267 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

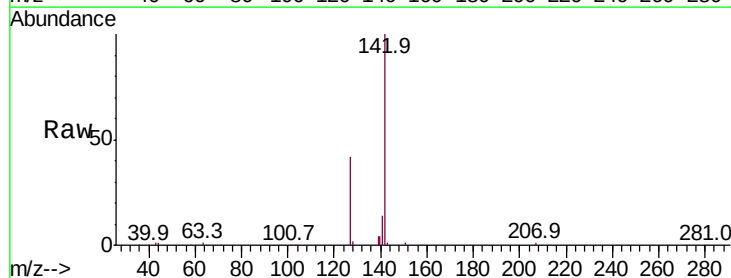
Tgt Ion:142 Resp: 88767

Ion Ratio Lower Upper

142 100

127 40.8 32.3 48.5

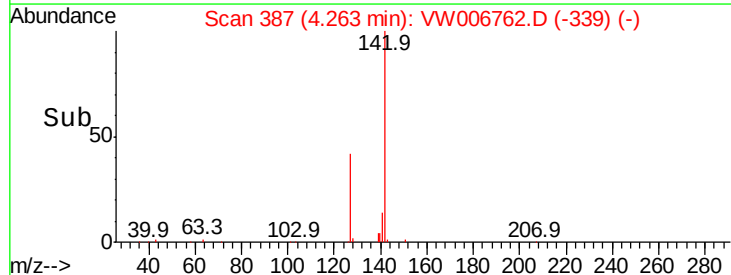
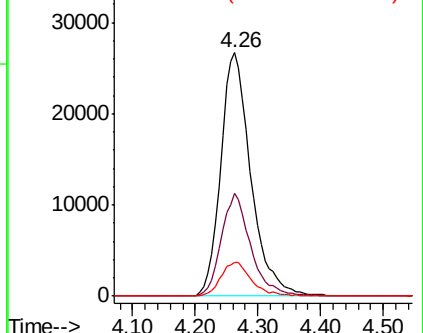
141 14.3 11.3 16.9

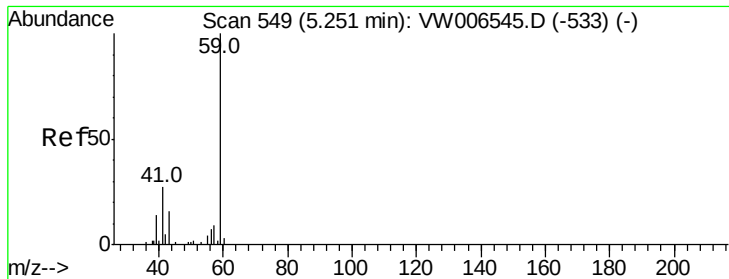


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



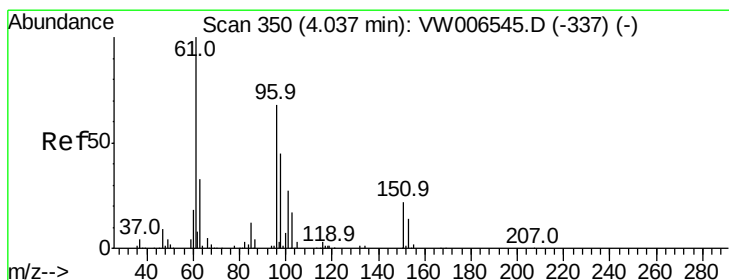
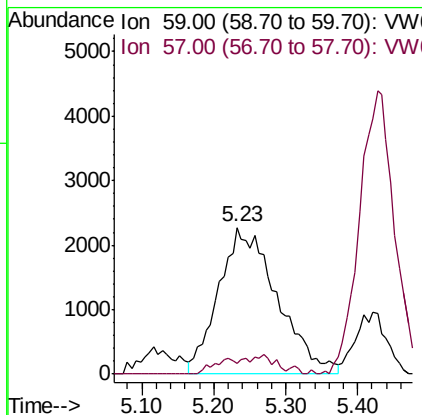
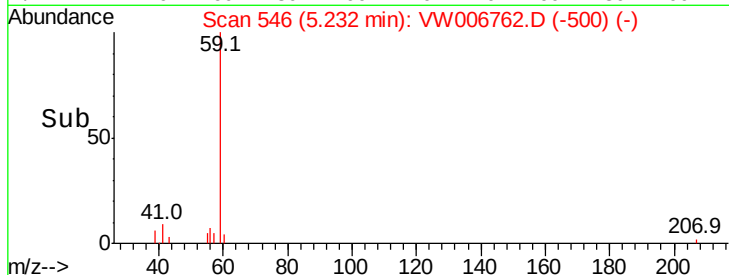
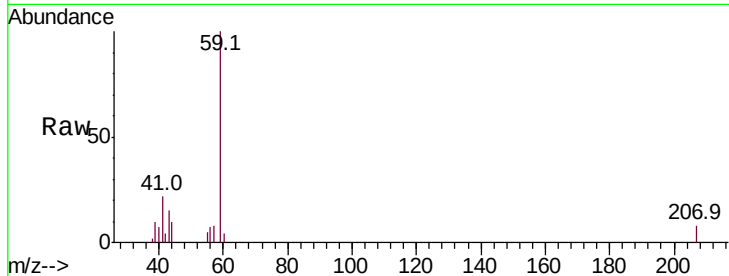


#11

Tert butyl alcohol
 Concen: 91.958 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

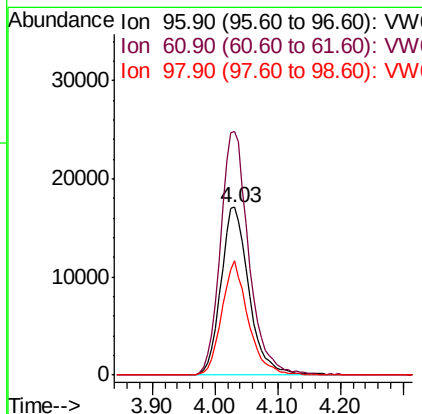
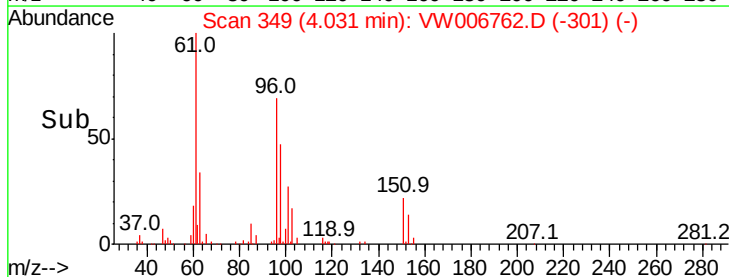
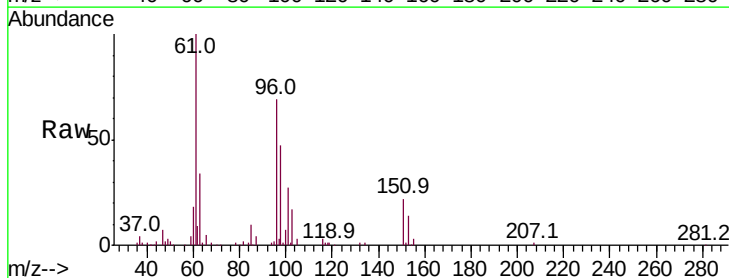
Tot Ion: 59 Resp: 12814
 Ion Ratio Lower Upper
 59 100
 57 4.2 4.3 6.5#

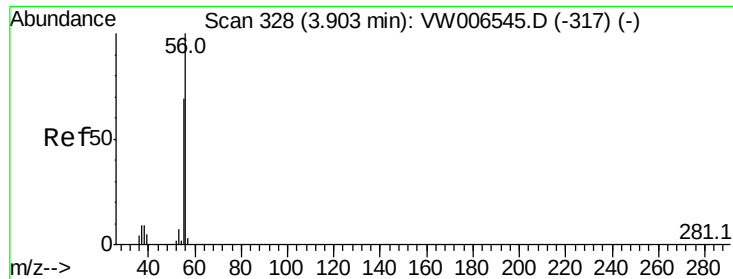


#12

1,1-Dichloroethene
 Concen: 21.576 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion: 96 Resp: 52950
 Ion Ratio Lower Upper
 96 100
 61 145.2 117.0 175.4
 98 68.1 52.5 78.7





#13

Acrolein

Concen: 78.580 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

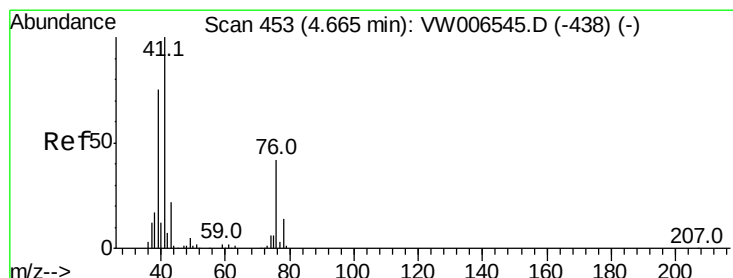
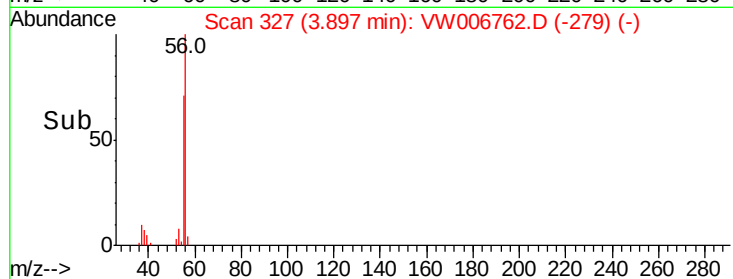
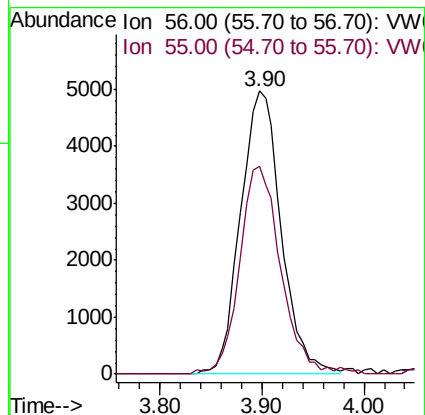
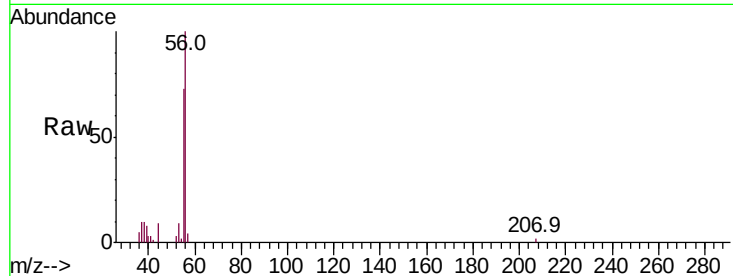
VW1108SBSD01

Tot Ion: 56 Resp: 13772

Ion Ratio Lower Upper

56 100

55 73.6 56.9 85.3



#14

Allyl chloride

Concen: 20.628 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

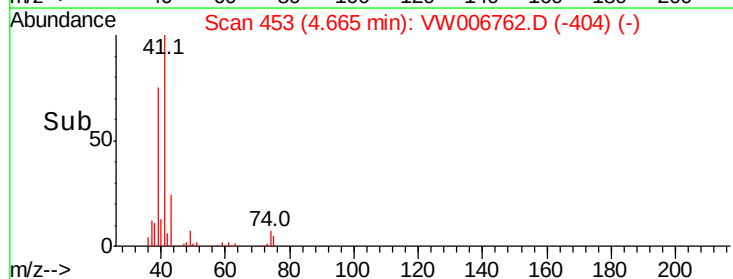
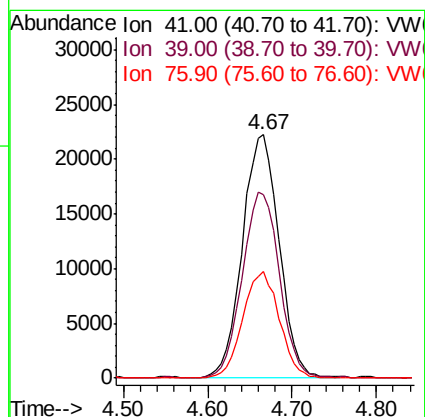
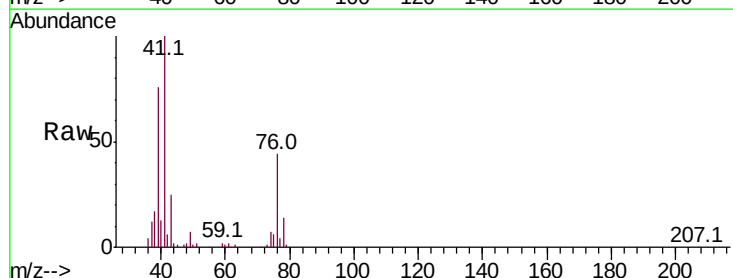
Tgt Ion: 41 Resp: 66082

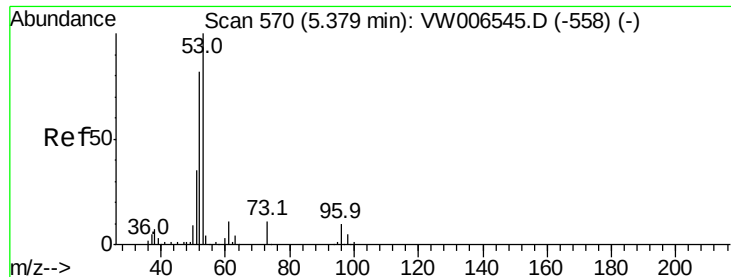
Ion Ratio Lower Upper

41 100

39 77.5 62.1 93.1

76 43.2 34.2 51.2





#15

Acrylonitrile

Concen: 97.637 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

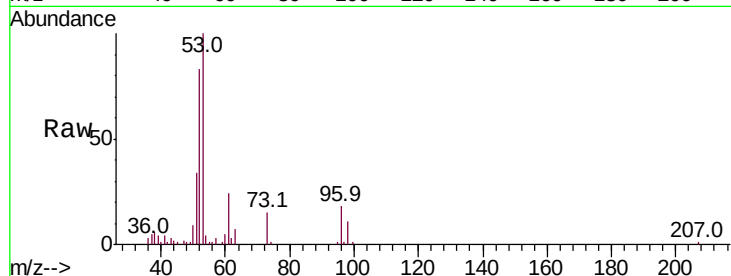
Tot Ion: 53 Resp: 45537

Ion Ratio Lower Upper

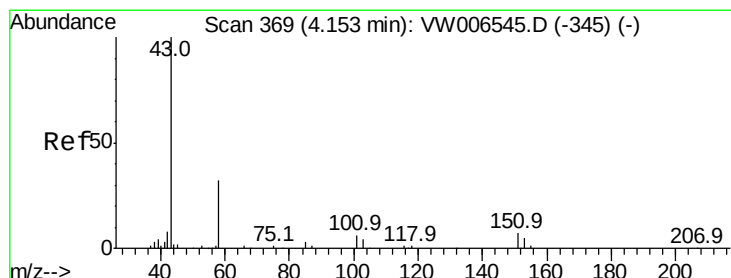
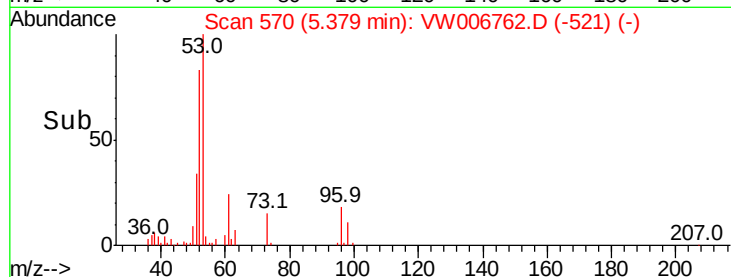
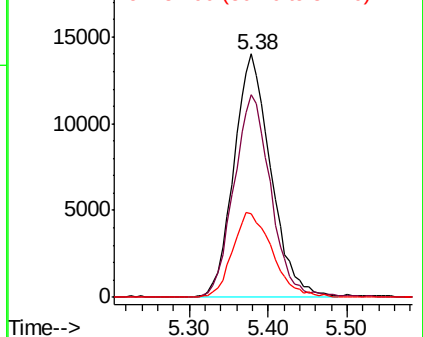
53 100

52 83.4 65.8 98.8

51 37.6 29.6 44.4



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: 128.087 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006762.D

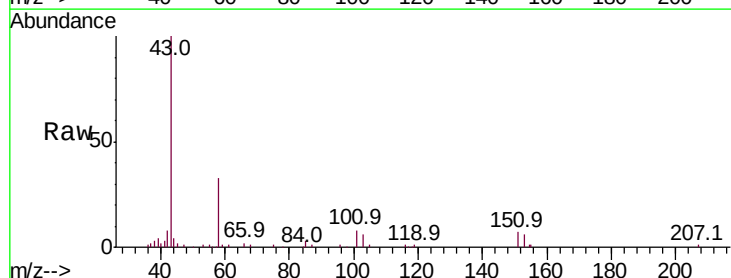
Acq: 08 Nov 2018 13:40

Tgt Ion: 43 Resp: 53483

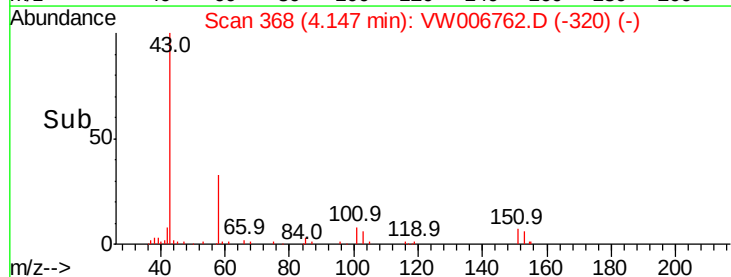
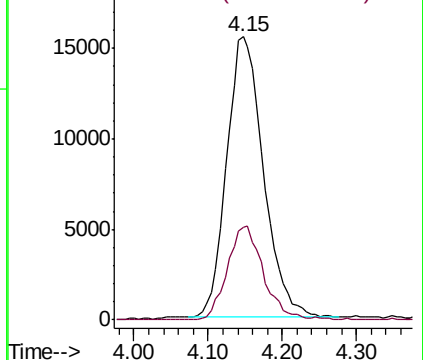
Ion Ratio Lower Upper

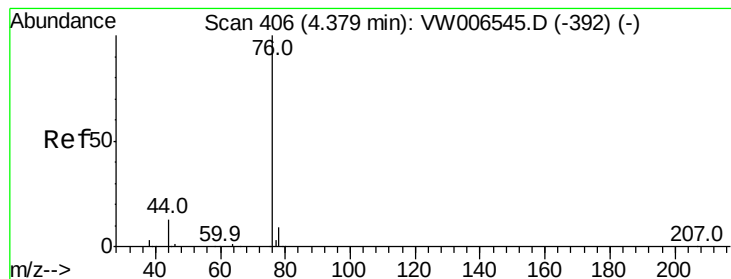
43 100

58 33.0 25.8 38.8



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





#17

Carbon Disulfide

Concen: 21.640 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

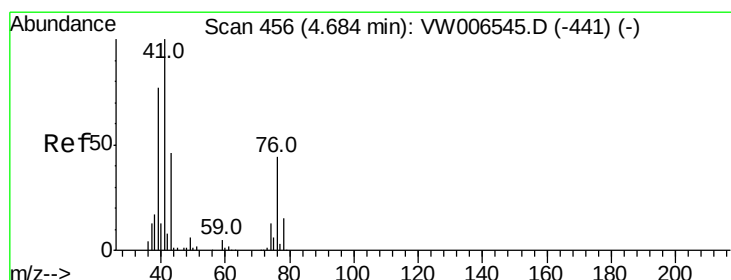
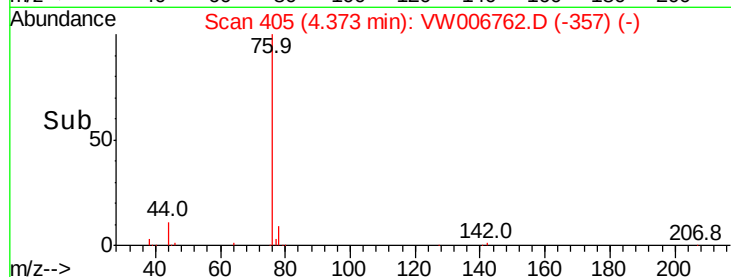
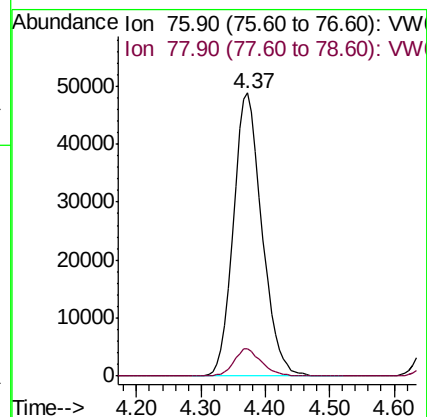
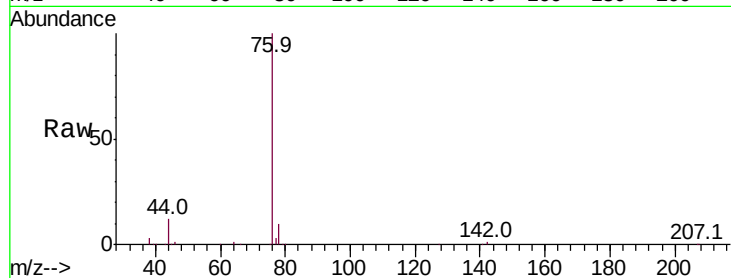
VW1108SBSD01

Tot Ion: 76 Resp: 151126

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



#18

Methyl Acetate

Concen: 18.180 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006762.D

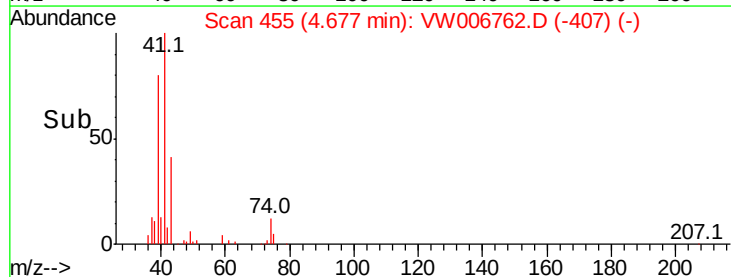
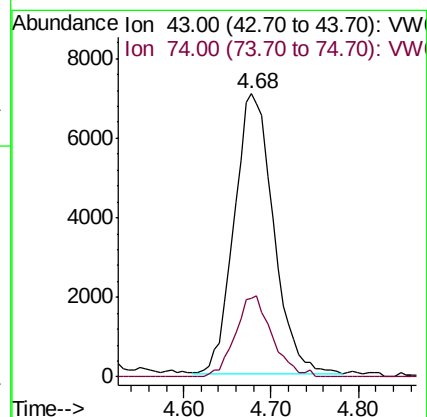
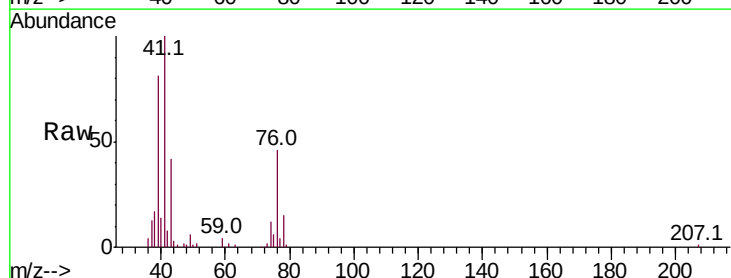
Acq: 08 Nov 2018 13:40

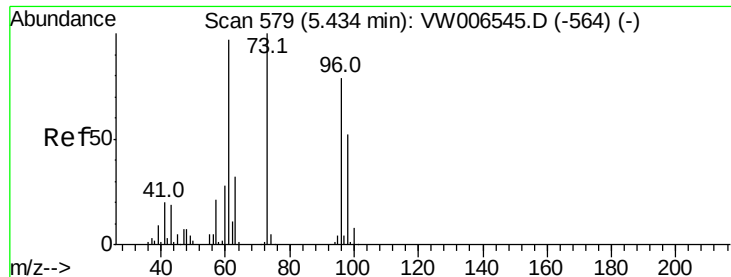
Tgt Ion: 43 Resp: 21828

Ion Ratio Lower Upper

43 100

74 27.1 21.9 32.9



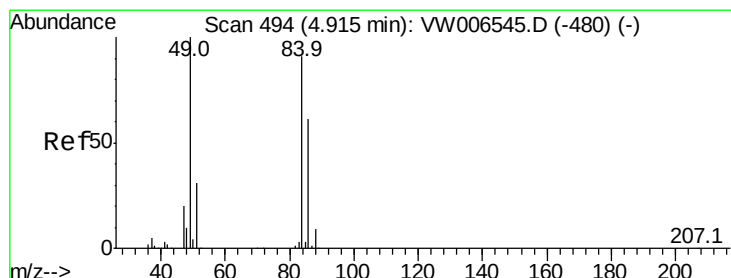
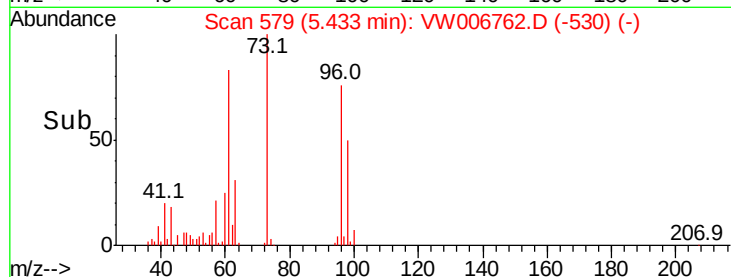
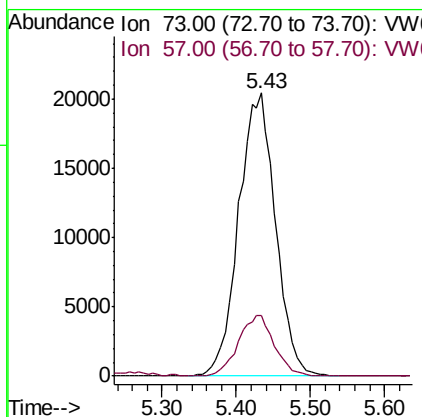
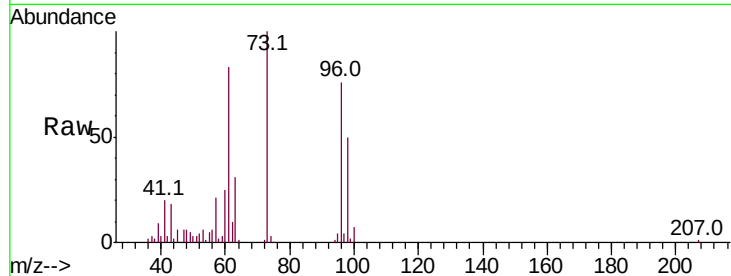


#19

Methyl tert-butyl Ether
 Concen: 19.338 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

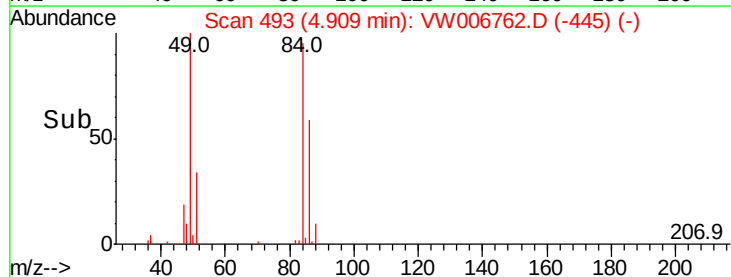
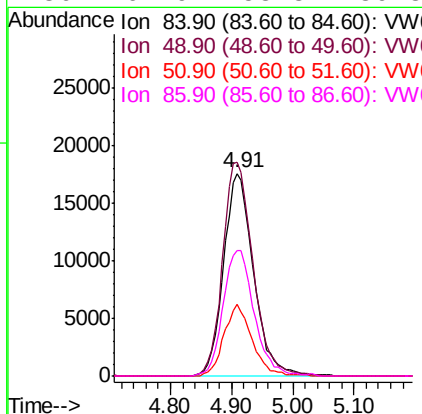
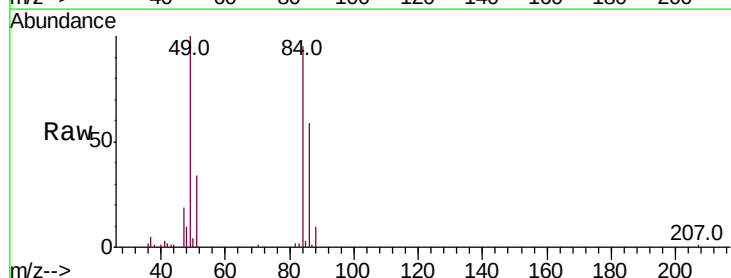
Tot Ion: 73 Resp: 70642
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.7 25.1

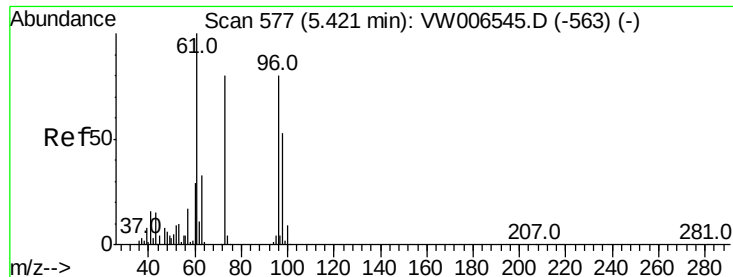


#20

Methylene Chloride
 Concen: 18.074 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion: 84 Resp: 59230
 Ion Ratio Lower Upper
 84 100
 49 105.6 88.2 132.4
 51 35.4 27.0 40.6
 86 61.9 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.311 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

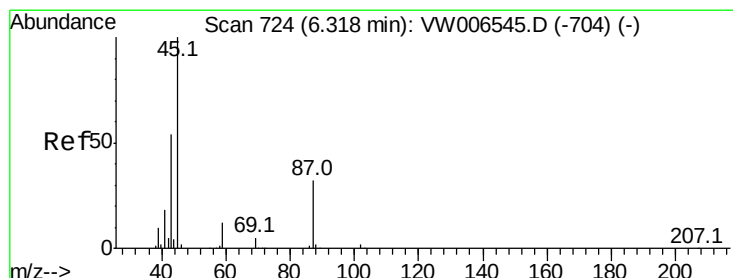
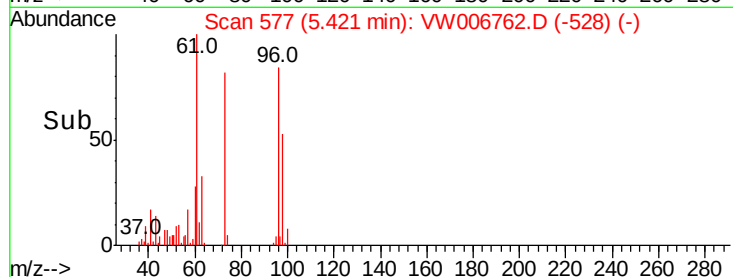
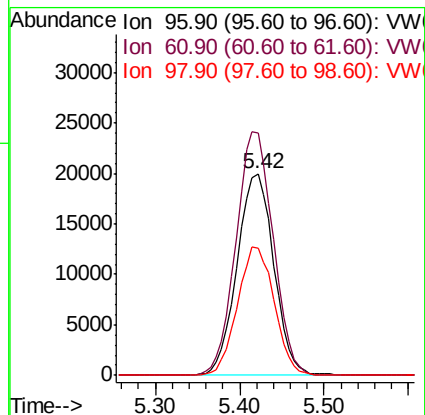
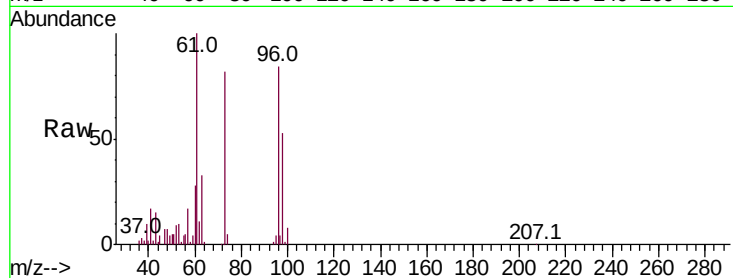
Tot Ion: 96 Resp: 59180

Ion Ratio Lower Upper

96 100

61 119.8 100.6 150.8

98 63.2 52.9 79.3



#22

Diisopropyl ether

Concen: 20.177 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion: 45 Resp: 134751

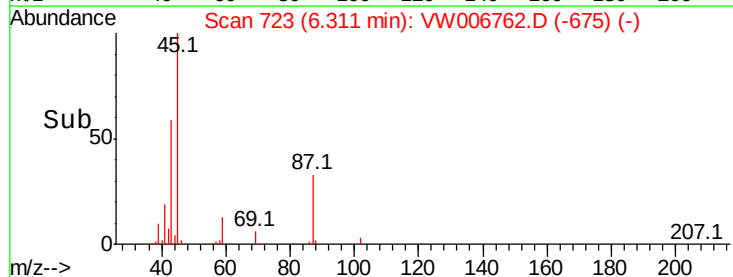
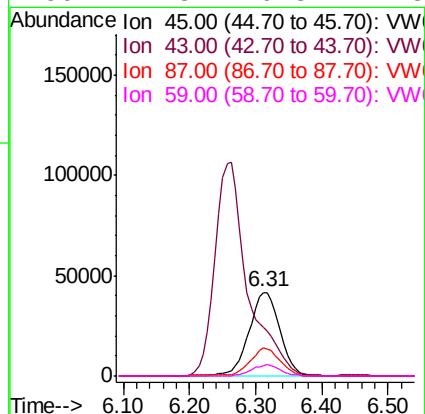
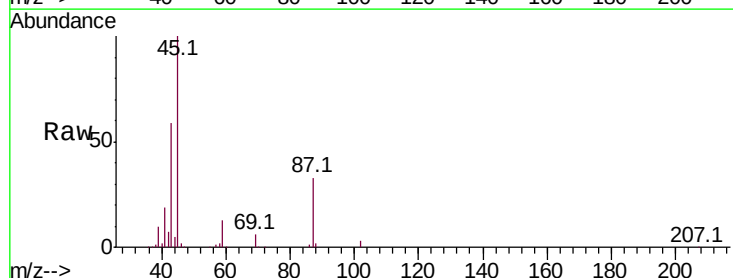
Ion Ratio Lower Upper

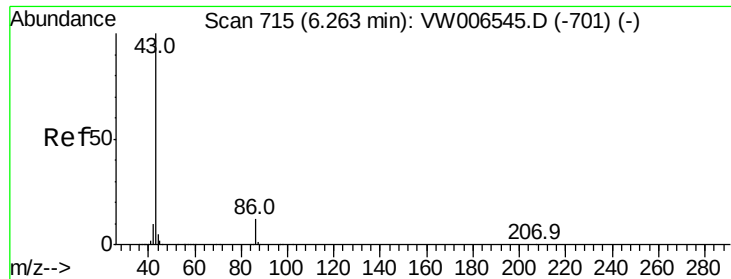
45 100

43 57.6 43.6 65.4

87 33.0 26.3 39.5

59 12.8 9.8 14.8





#23

Vinyl Acetate

Concen: 99.259 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

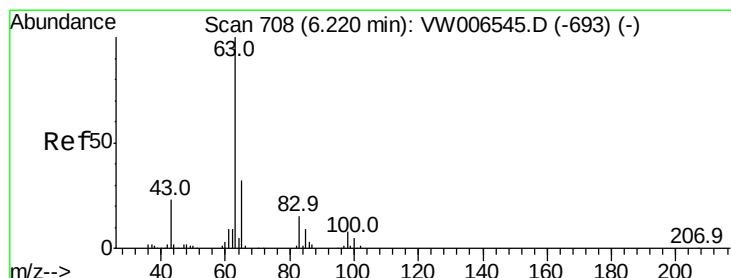
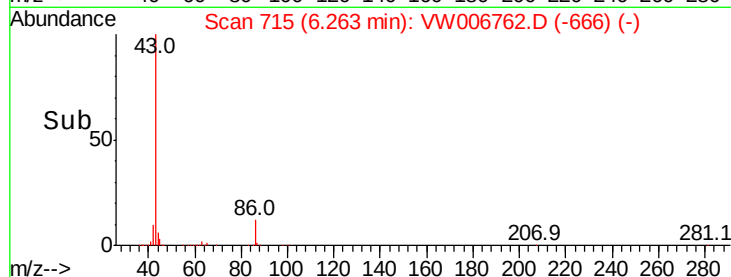
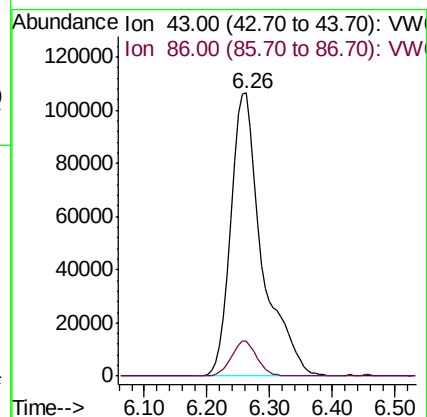
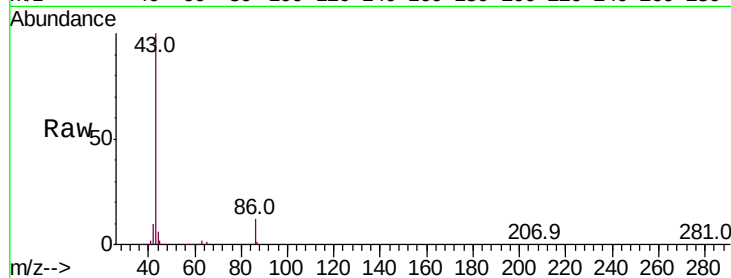
VW1108SBS01

Tot Ion: 43 Resp: 367605

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8



#24

1,1-Dichloroethane

Concen: 20.936 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

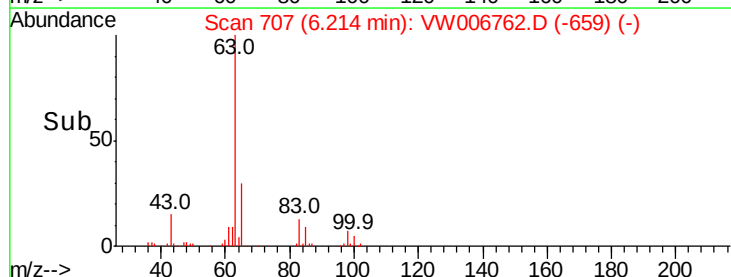
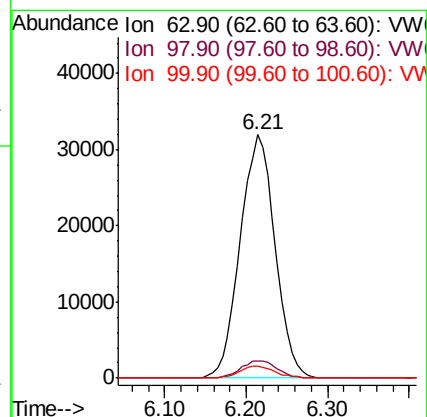
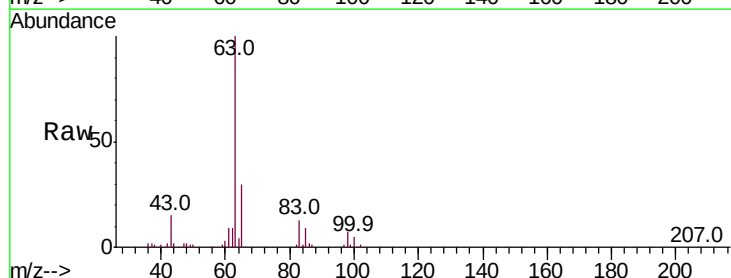
Tgt Ion: 63 Resp: 94759

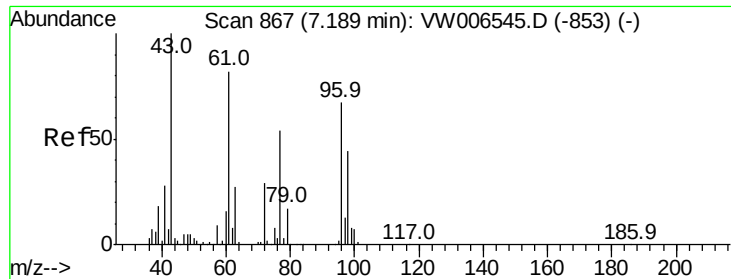
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 109.821 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

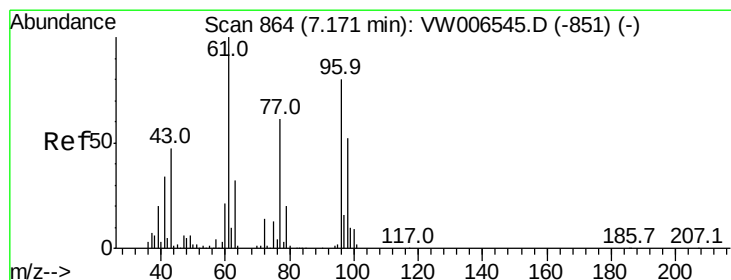
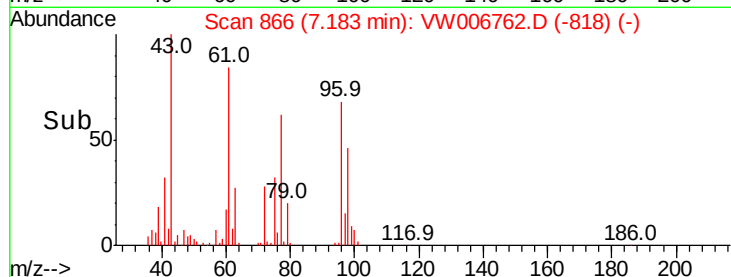
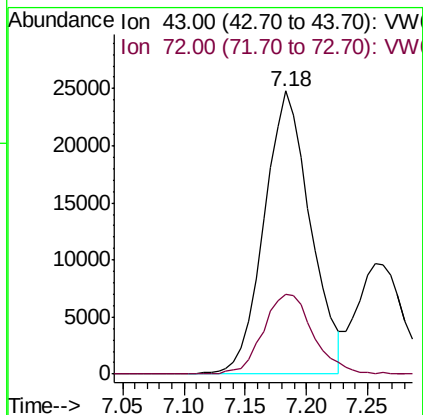
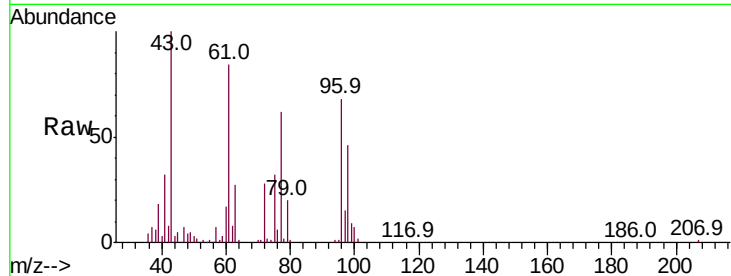
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion: 43 Resp: 65435

Ion Ratio Lower Upper

43 100

72 28.4 23.2 34.8



#26

2,2-Dichloropropane

Concen: 24.053 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006762.D

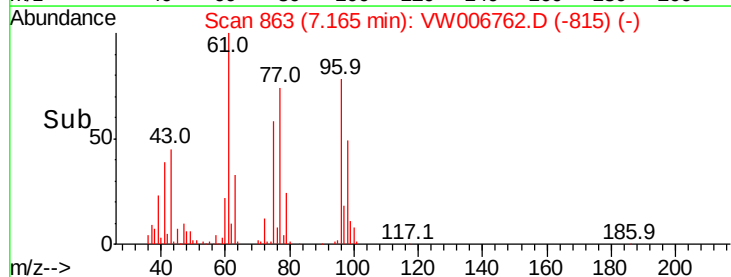
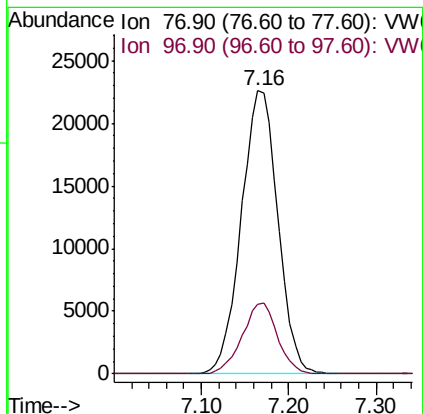
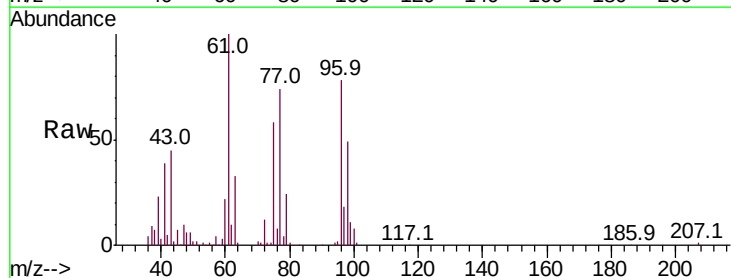
Acq: 08 Nov 2018 13:40

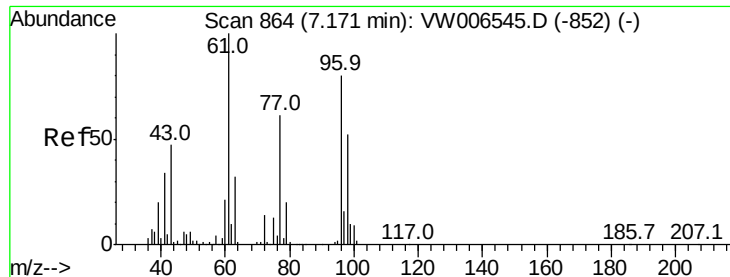
Tgt Ion: 77 Resp: 65581

Ion Ratio Lower Upper

77 100

97 24.0 12.8 38.4



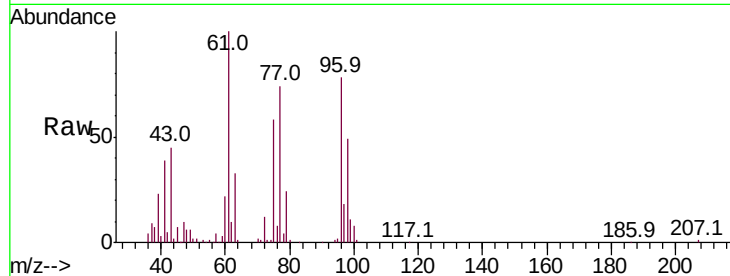


#27

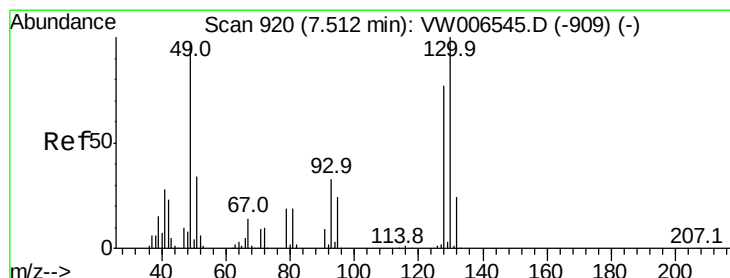
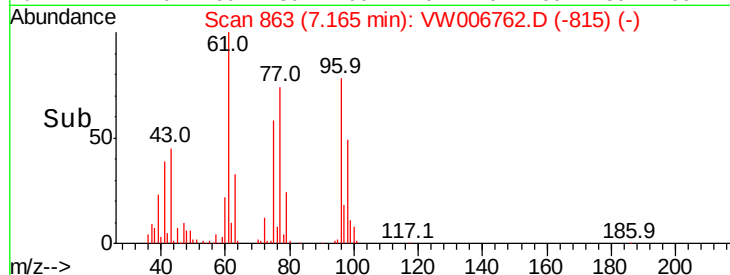
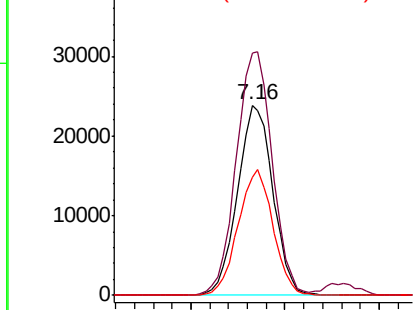
cis-1,2-Dichloroethene
 Concen: 20.205 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion: 96 Resp: 62774
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 254.2
 98 65.1 0.0 129.6



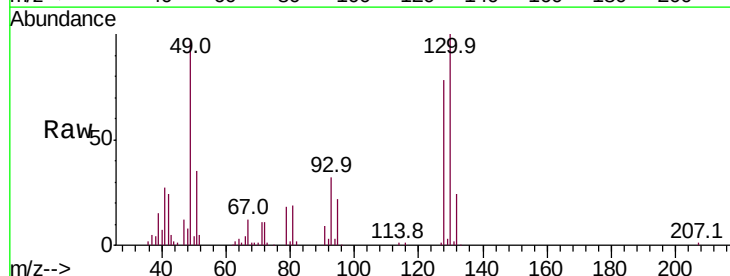
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



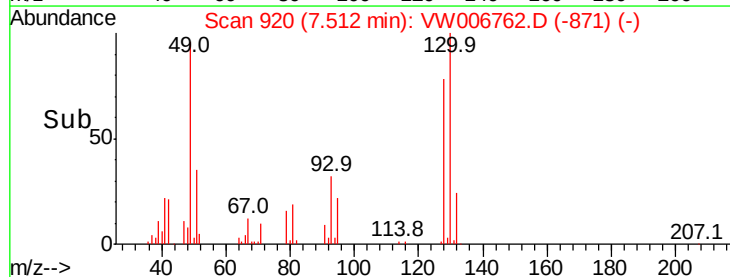
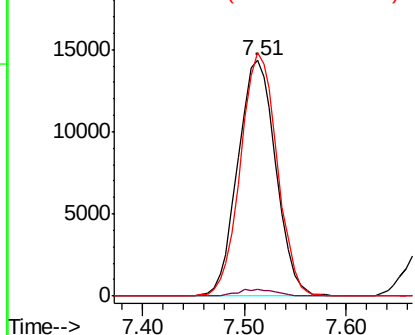
#28

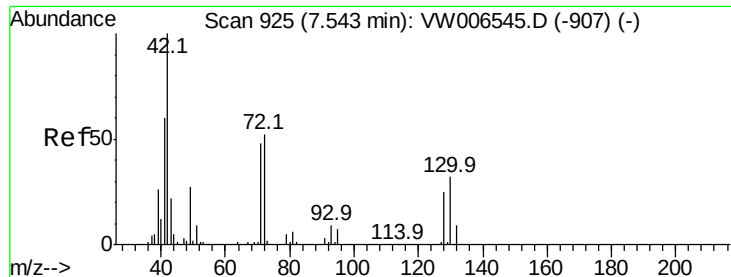
Bromochloromethane
 Concen: 20.647 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion: 49 Resp: 37109
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 99.4 82.2 123.2



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

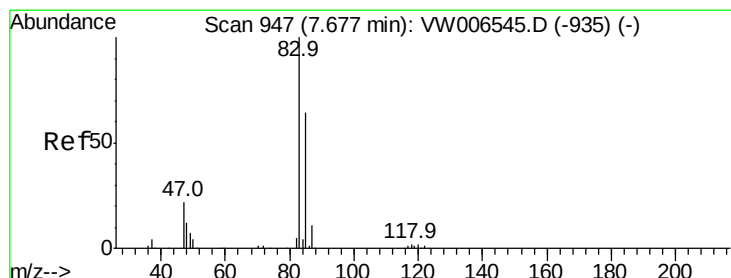
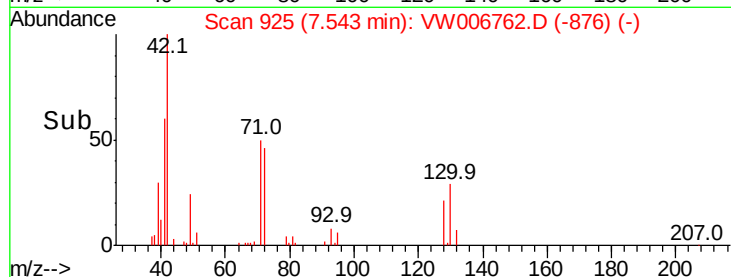
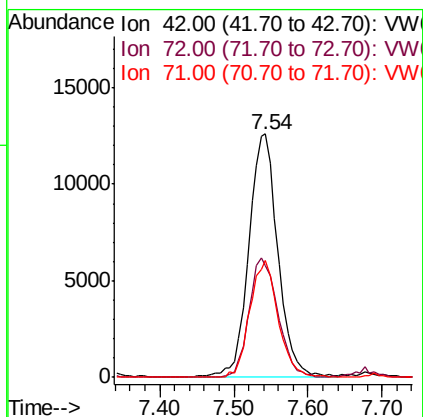
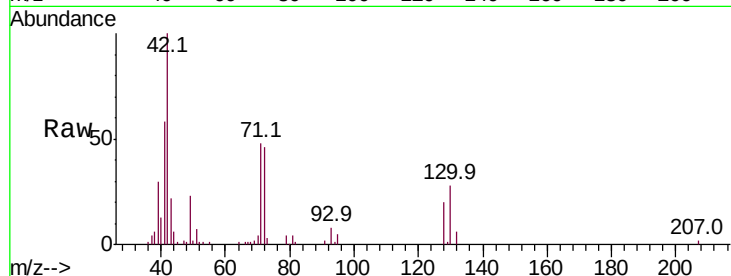




#29
Tetrahydrofuran
Concen: 92.367 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

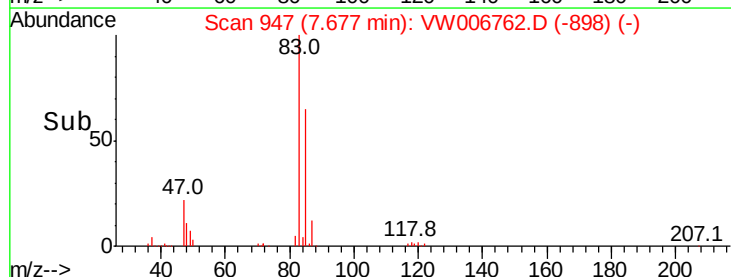
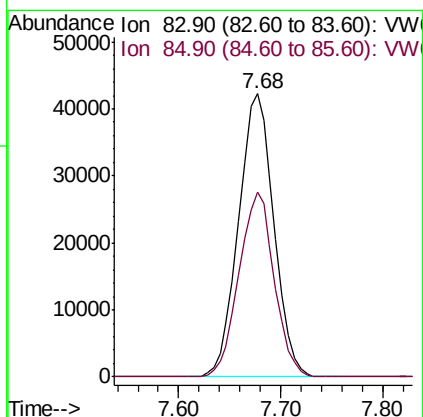
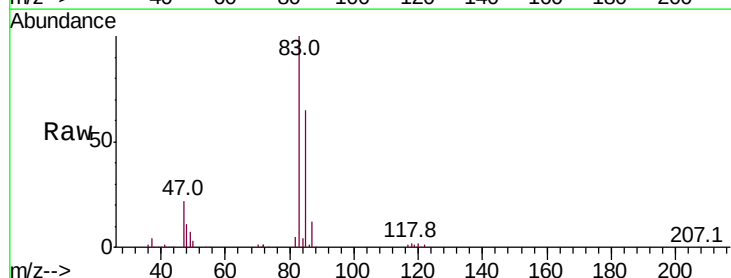
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

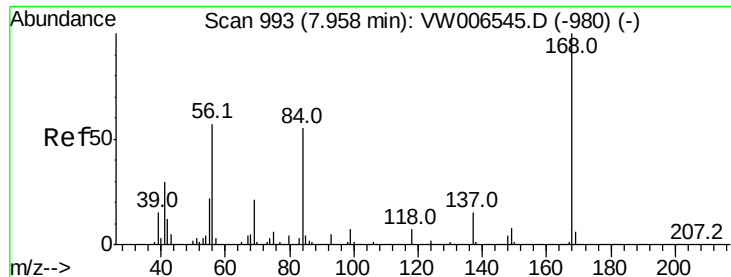
Tot Ion: 42 Resp: 34616
Ion Ratio Lower Upper
42 100
72 48.5 39.2 58.8
71 46.4 37.6 56.4



#30
Chloroform
Concen: 20.471 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 83 Resp: 101584
Ion Ratio Lower Upper
83 100
85 65.3 51.3 76.9

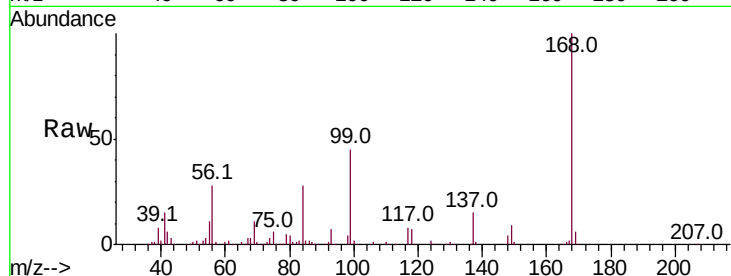




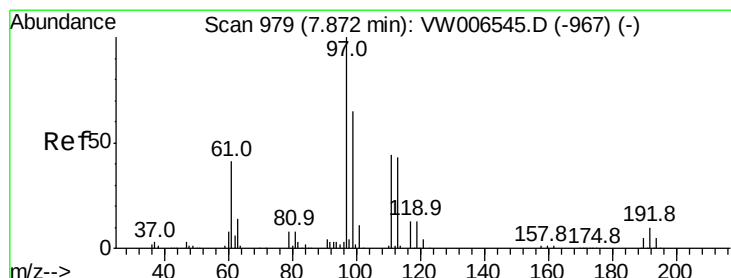
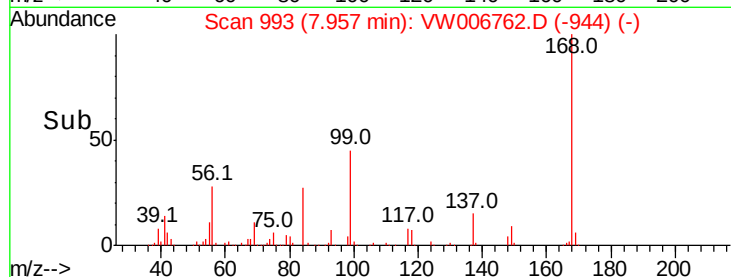
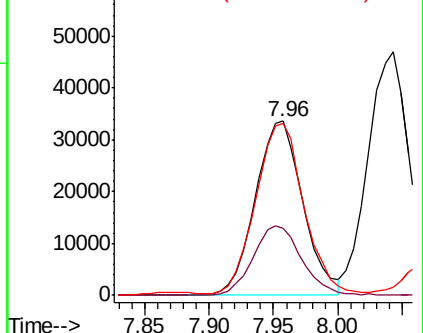
#31
Cyclohexane
Concen: 20.914 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion: 56 Resp: 86155
Ion Ratio Lower Upper
56 100
69 38.1 29.0 43.4
84 97.6 77.8 116.6

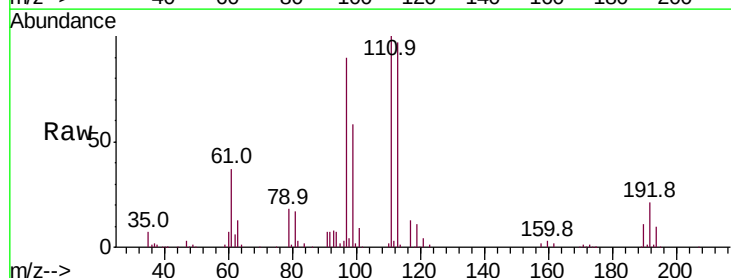


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

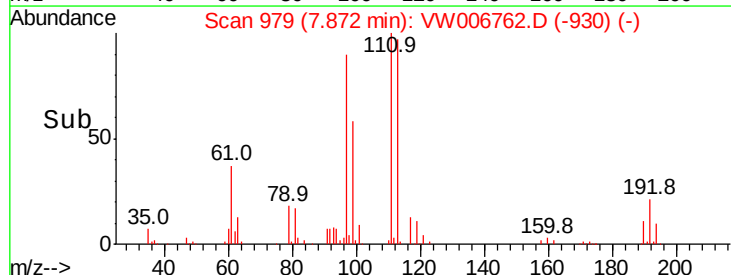
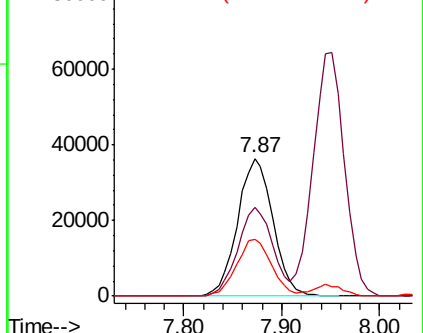


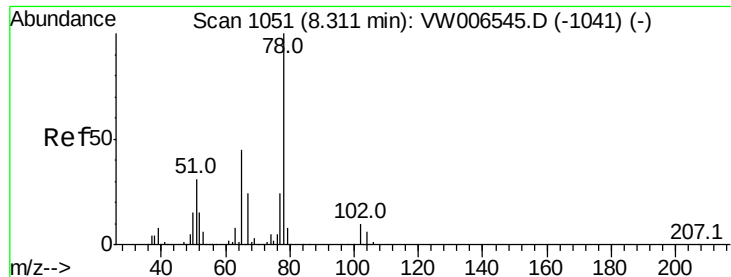
#32
1,1,1-Trichloroethane
Concen: 21.741 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 97 Resp: 91291
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 40.9 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 46.293 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006762.D

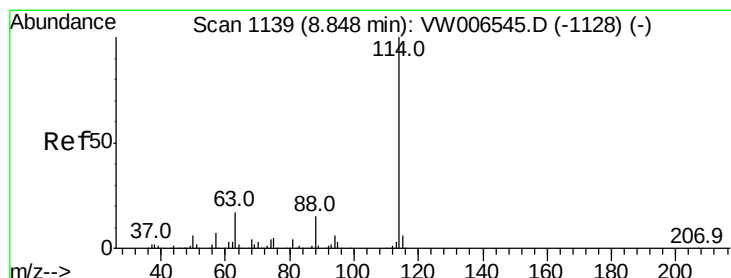
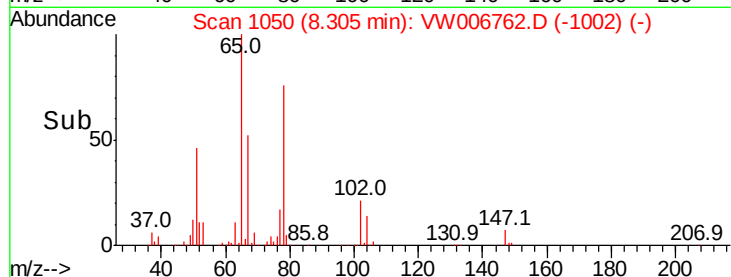
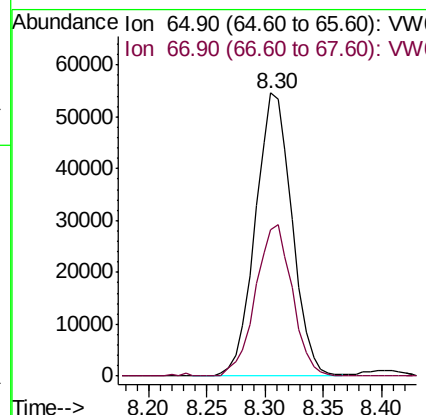
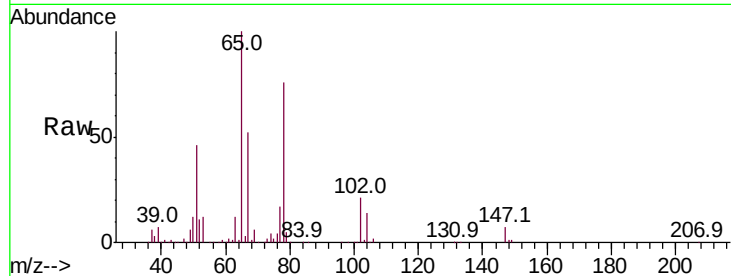
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W

ClientSampleId :
VW1108SBS01

Tot Ion: 65 Resp: 119726

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

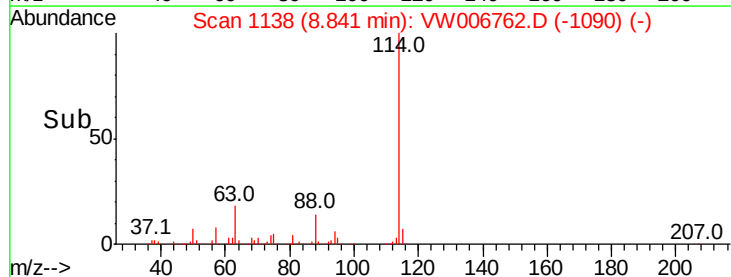
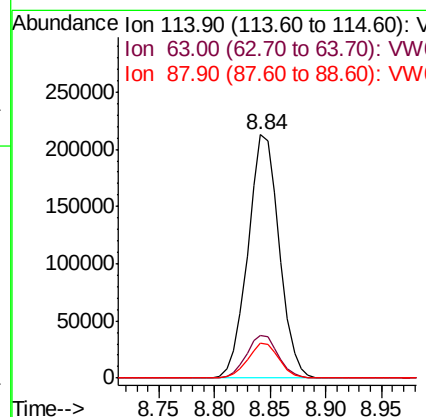
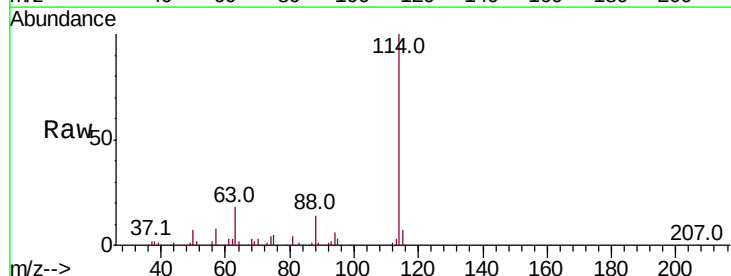
Delta R.T. -0.01 min

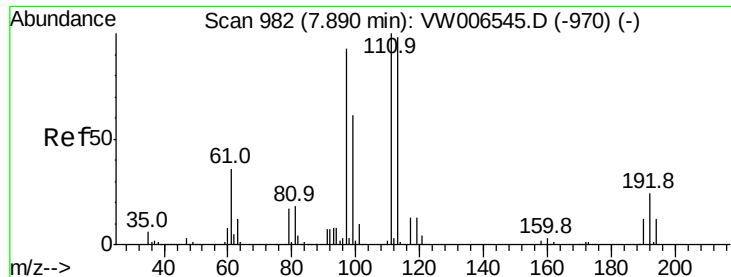
Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion: 114 Resp: 414705

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.4
88	14.4	0.0	29.0





#35

Dibromofluoromethane

Concen: 50.817 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

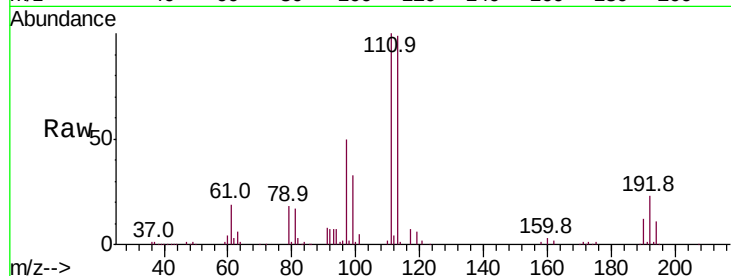
Tot Ion:113 Resp: 132256

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

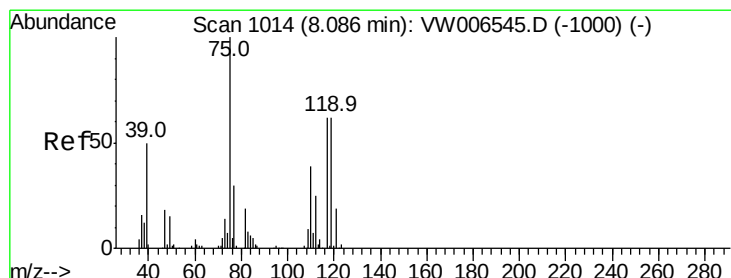
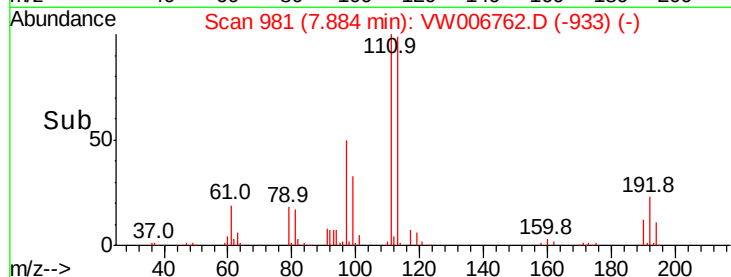
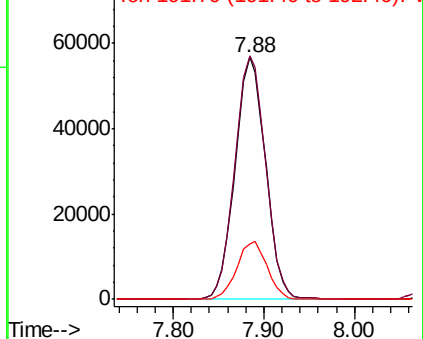
192 23.7 19.0 28.6



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: 22.415 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

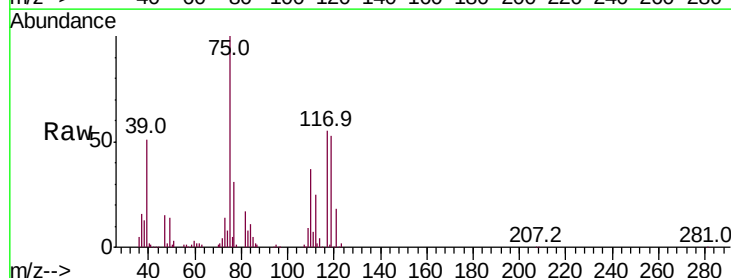
Tgt Ion: 75 Resp: 81745

Ion Ratio Lower Upper

75 100

110 38.7 19.5 58.5

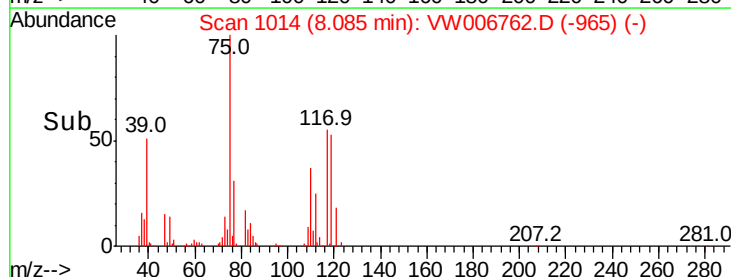
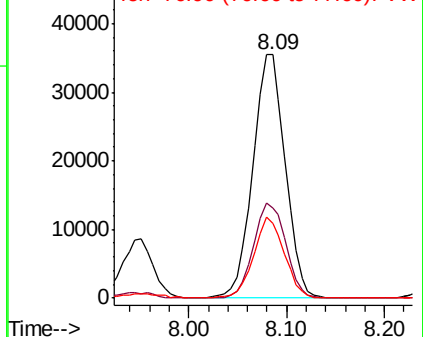
77 31.4 24.6 37.0

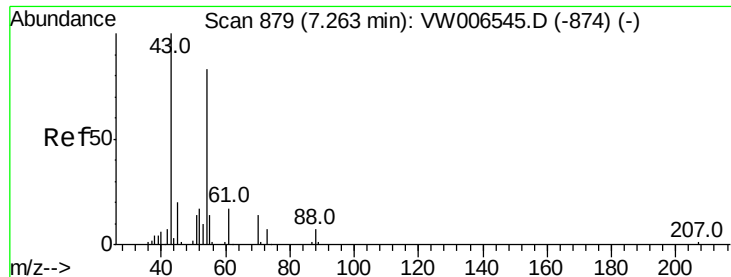


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

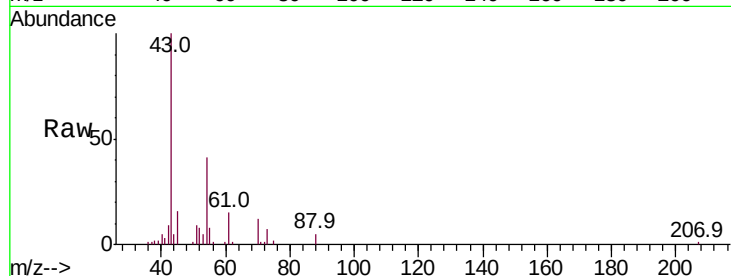




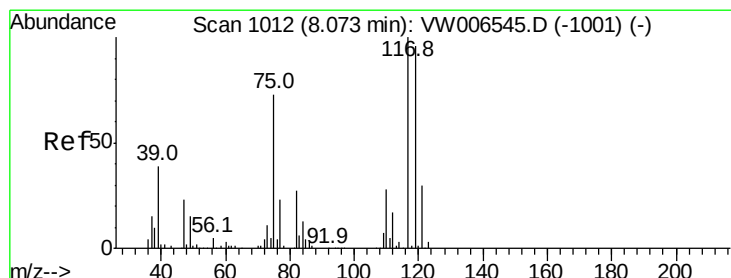
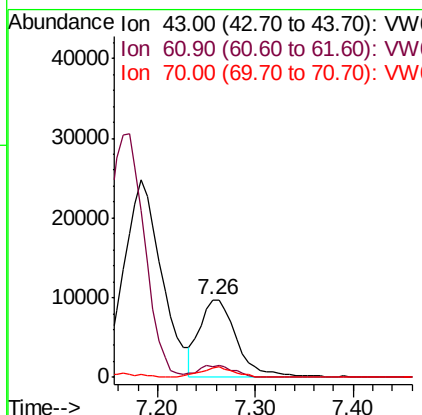
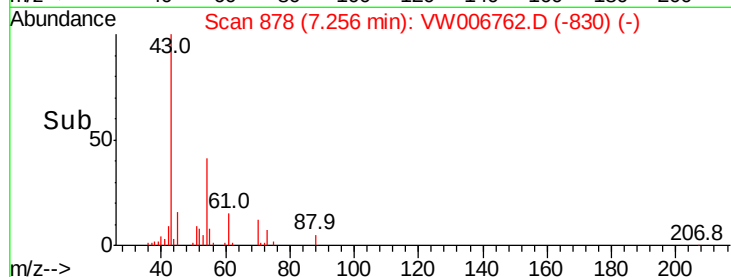
#37
Ethyl Acetate
Concen: 19.931 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion: 43 Resp: 25189
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 12.5 9.8 14.6

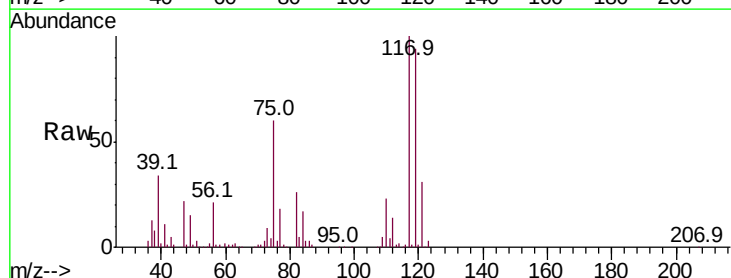


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

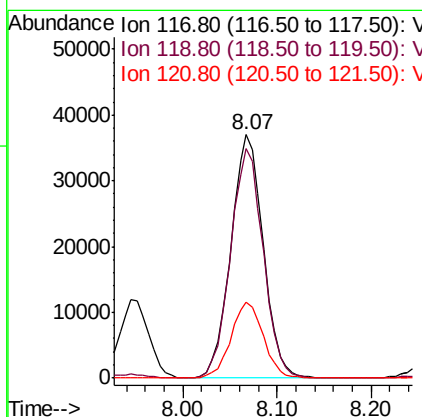
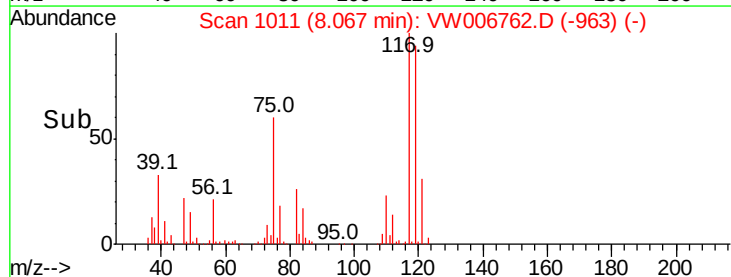


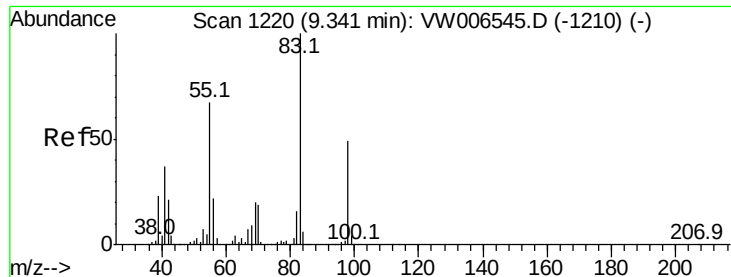
#38
Carbon Tetrachloride
Concen: 23.160 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 117 Resp: 88257
Ion Ratio Lower Upper
117 100
119 94.3 76.3 114.5
121 31.2 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

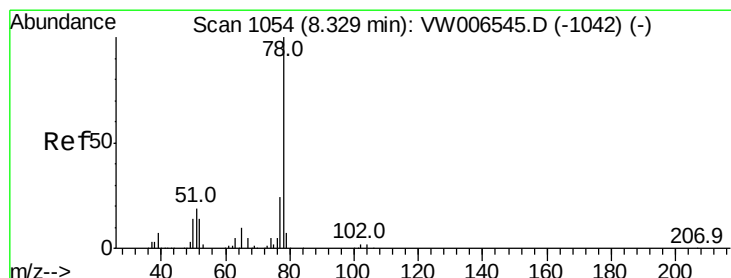
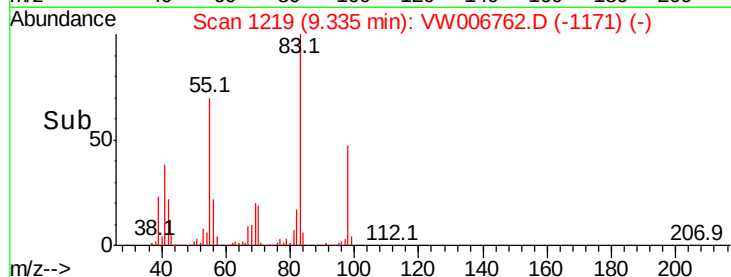
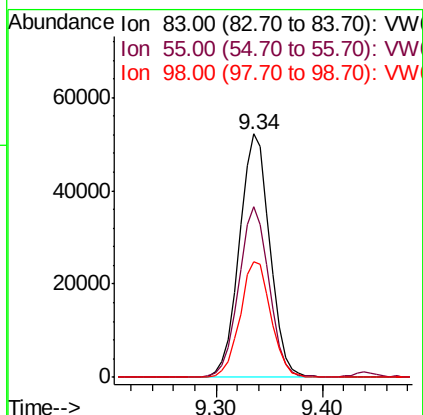
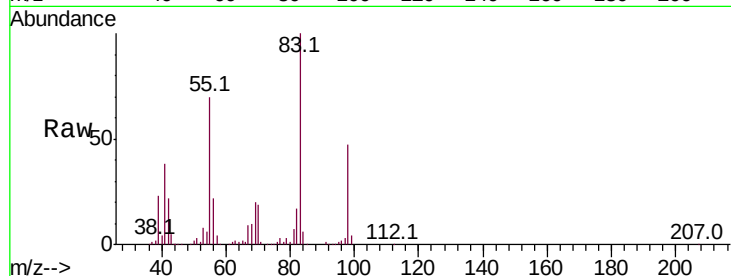




#39
Methylvlcyclohexane
Concen: 22.731 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

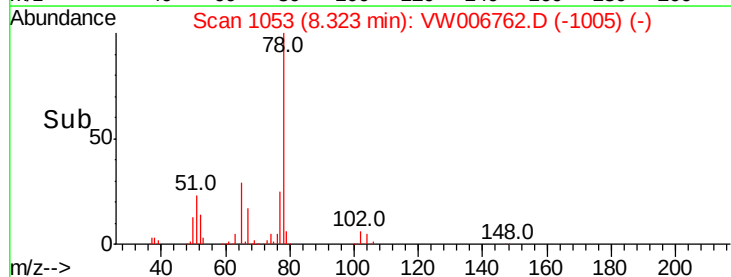
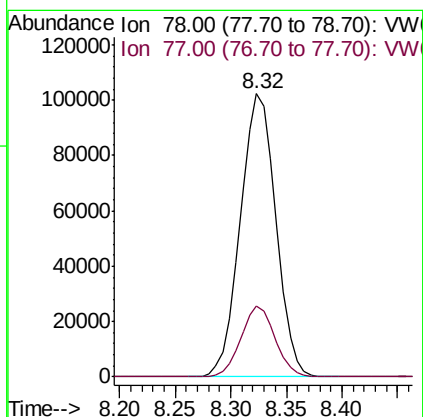
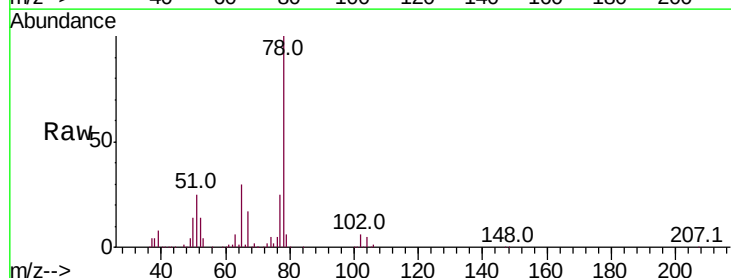
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

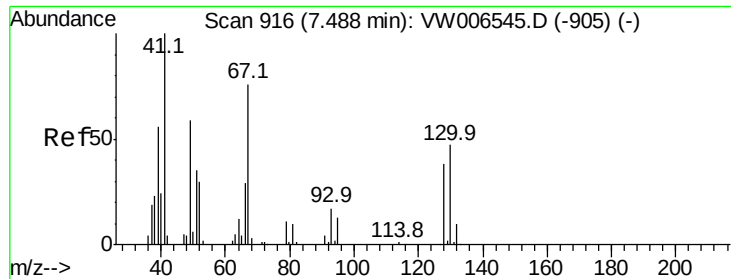
Tot Ion: 83 Resp: 105201
Ion Ratio Lower Upper
83 100
55 70.2 53.7 80.5
98 47.2 39.2 58.8



#40
Benzene
Concen: 21.956 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 78 Resp: 227436
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8

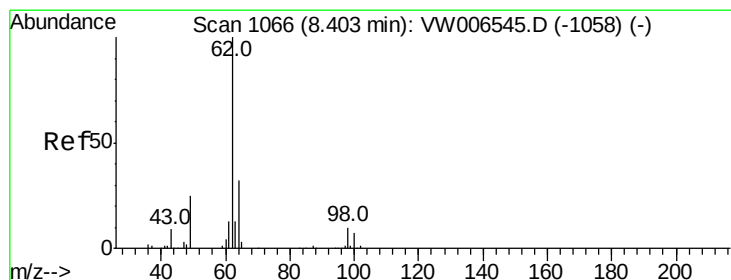
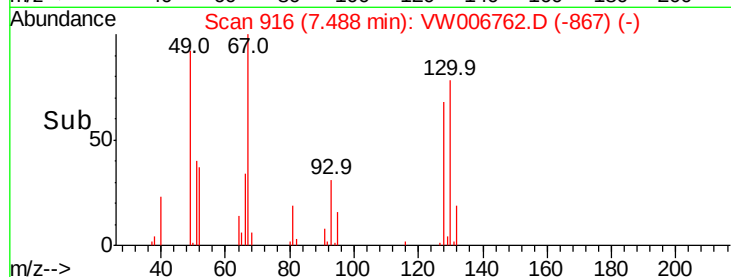
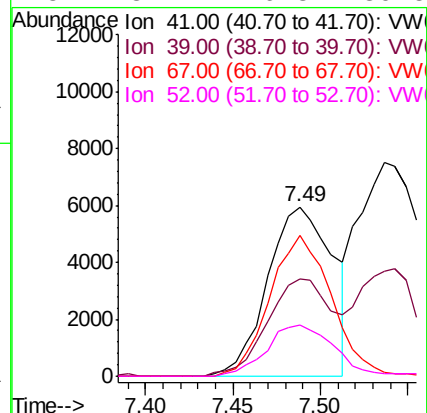
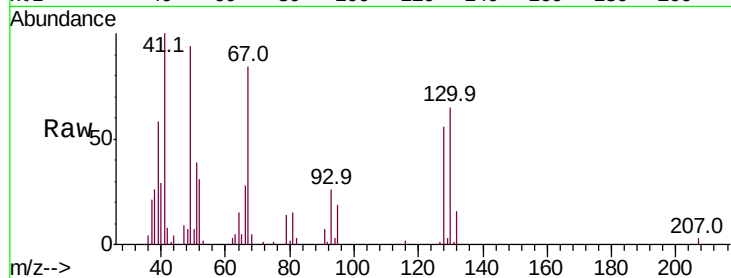




#41
Methacrylonitrile
Concen: 19.920 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

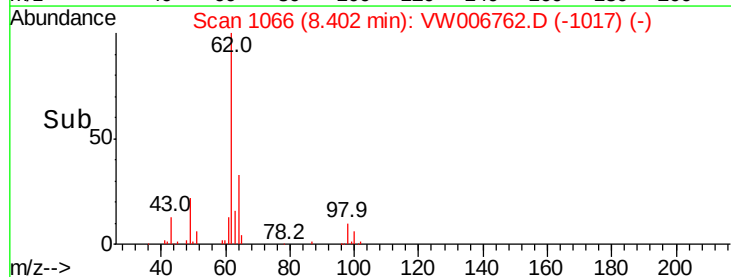
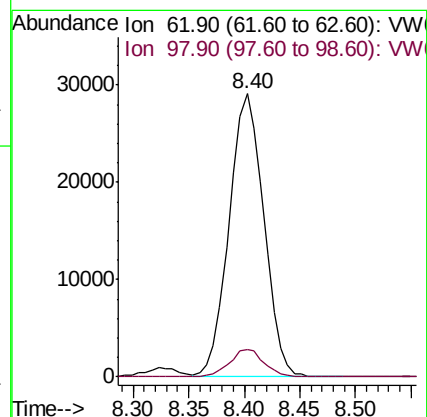
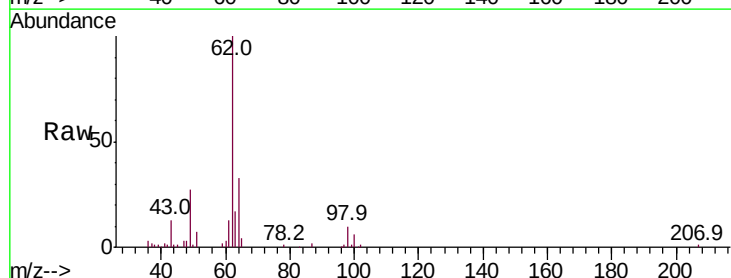
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

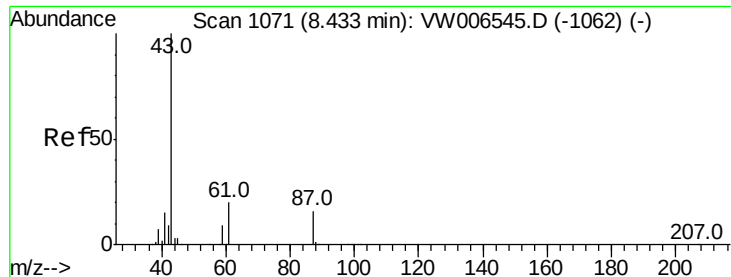
Tot Ion:	41	Resp:	15437
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.5	66.7
67	79.3	63.8	95.8
52	32.1	26.3	39.5



#42
1,2-Dichloroethane
Concen: 21.150 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion:	62	Resp:	62832
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 20.034 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

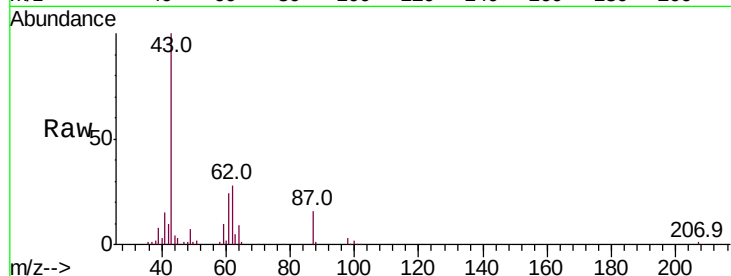
Tot Ion: 43 Resp: 50524

Ion Ratio Lower Upper

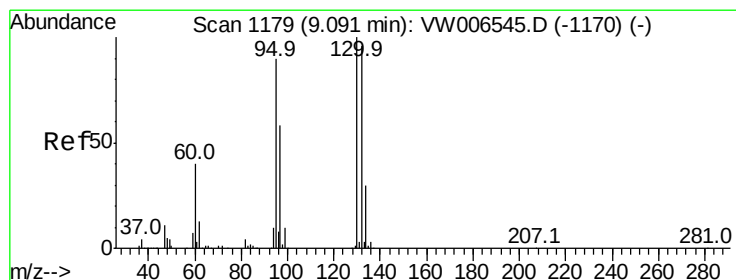
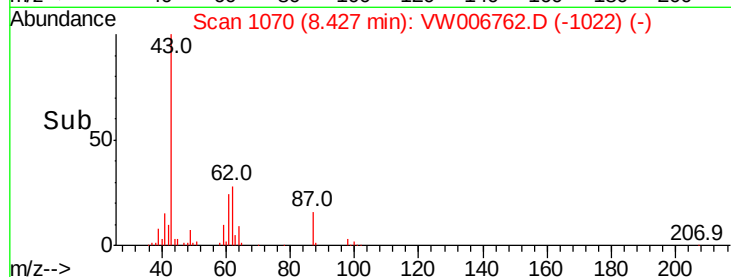
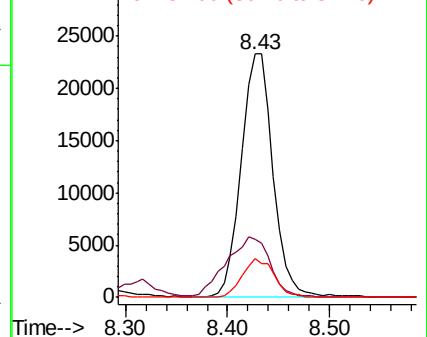
43 100

61 34.0 27.2 40.8

87 15.8 12.9 19.3



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: 21.786 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006762.D

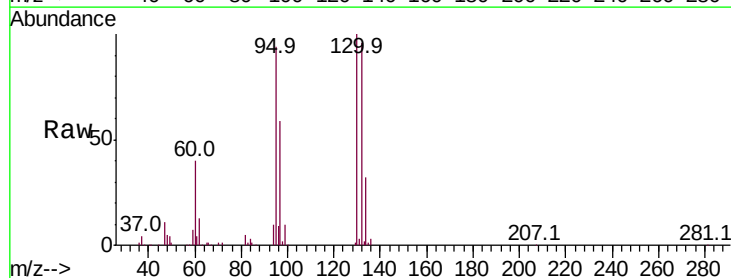
Acq: 08 Nov 2018 13:40

Tgt Ion:130 Resp: 69639

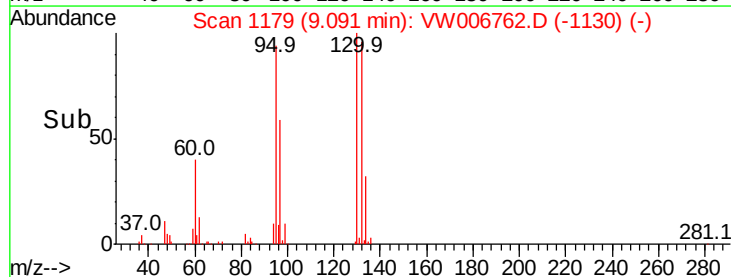
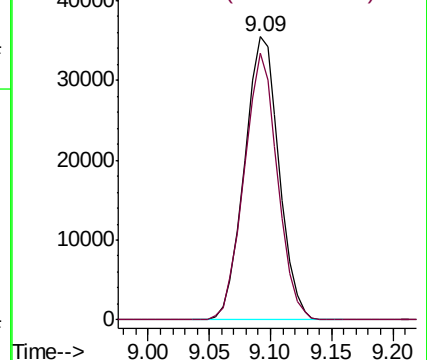
Ion Ratio Lower Upper

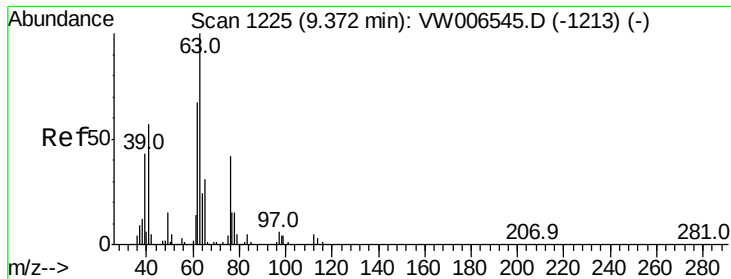
130 100

95 94.4 0.0 179.2



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

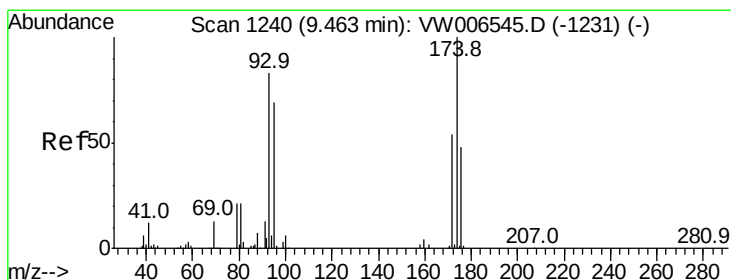
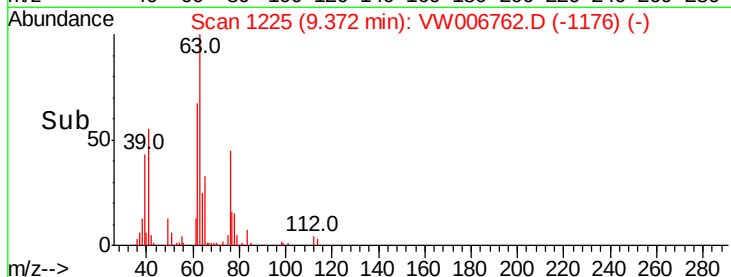
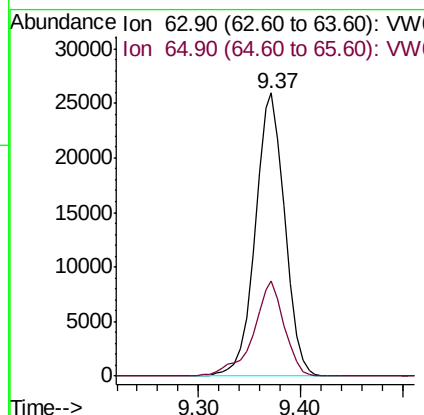
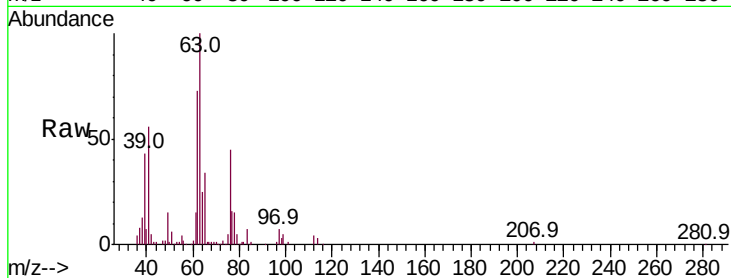




#45
 1,2-Dichloropropane
 Concen: 21.637 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

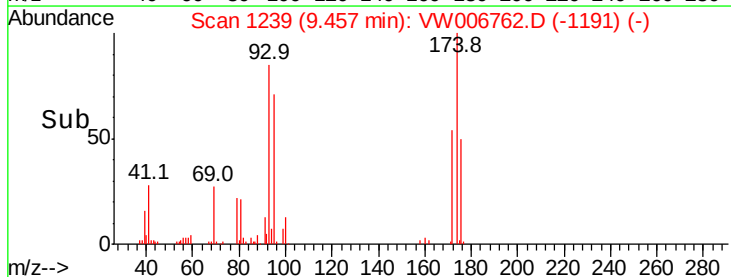
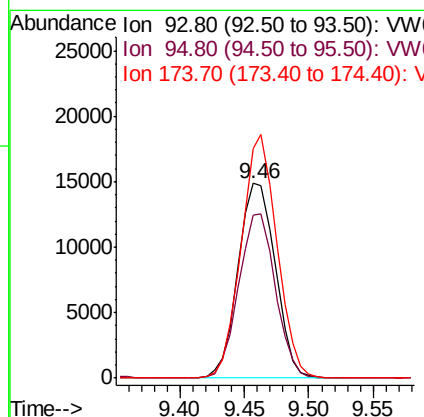
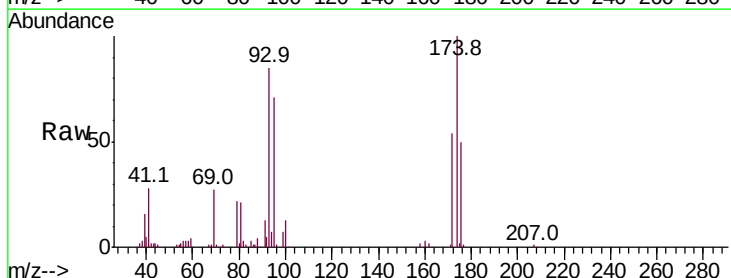
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

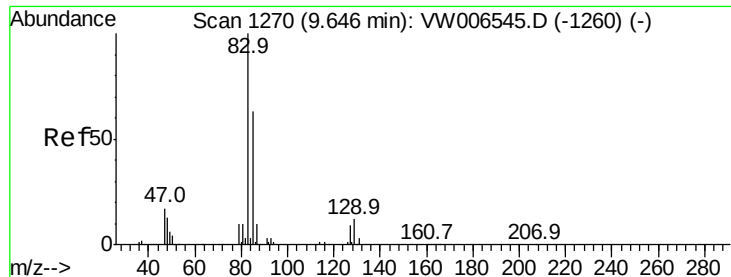
Tot Ion: 63 Resp: 52160
 Ion Ratio Lower Upper
 63 100
 65 33.7 25.1 37.7



#46
 Dibromomethane
 Concen: 21.048 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion: 93 Resp: 29826
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 119.5 97.3 145.9





#47

Bromodichloromethane

Concen: 21.299 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

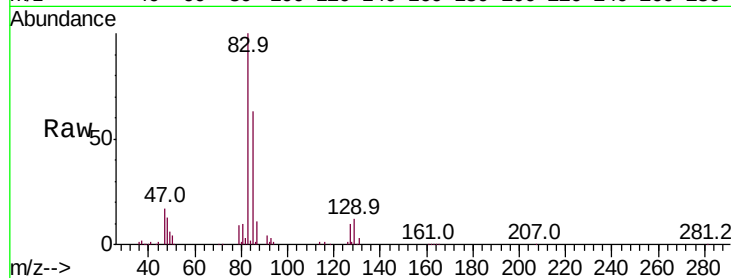
Tot Ion: 83 Resp: 70080

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8

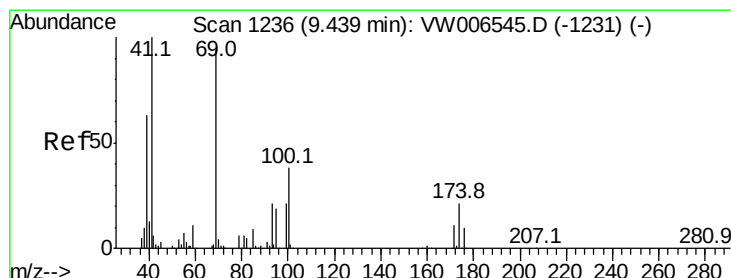
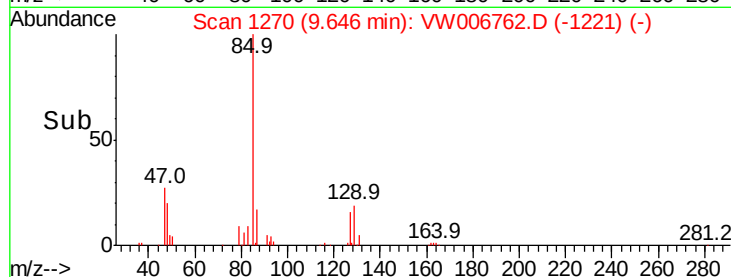
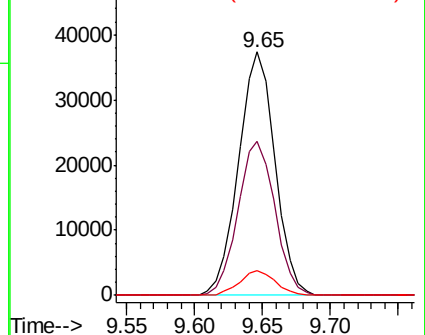
127 10.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.471 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

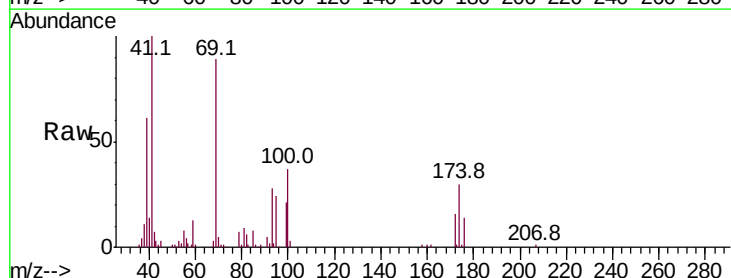
Tgt Ion: 41 Resp: 23658

Ion Ratio Lower Upper

41 100

69 100.0 77.8 116.8

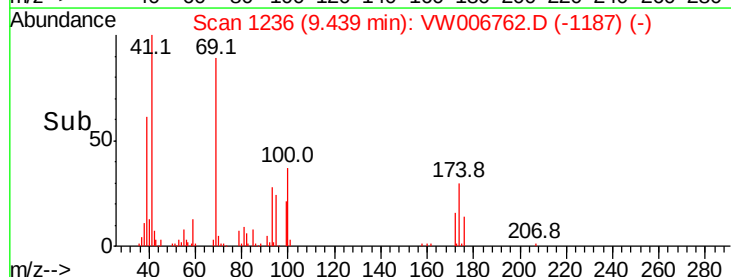
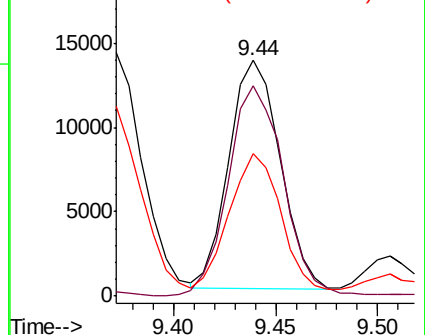
39 59.7 48.7 73.1

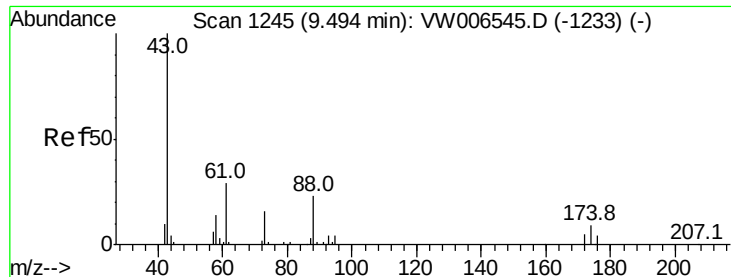


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

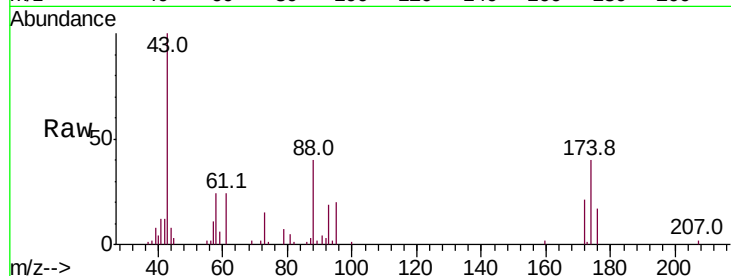




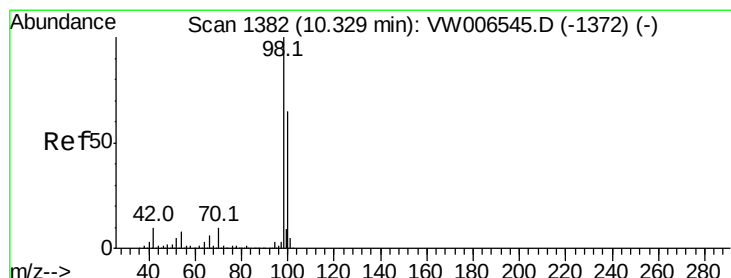
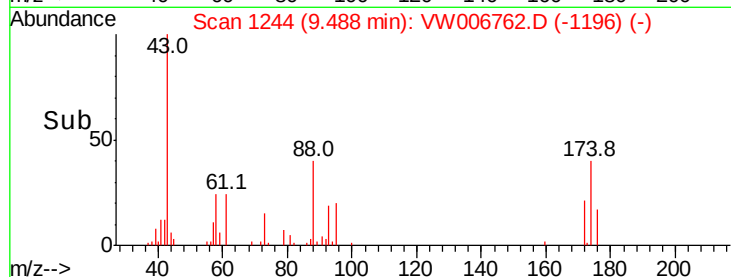
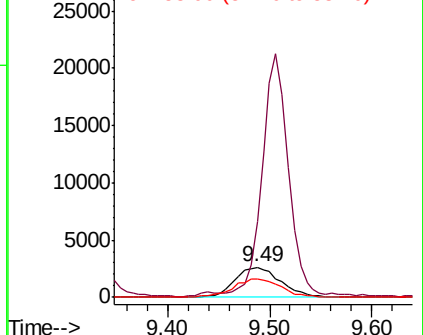
#49
1,4-Dioxane
Concen: 394.771 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

Tot Ion: 88 Resp: 8187
Ion Ratio Lower Upper
88 100
43 0.0 356.6 534.8#
58 63.8 51.4 77.2

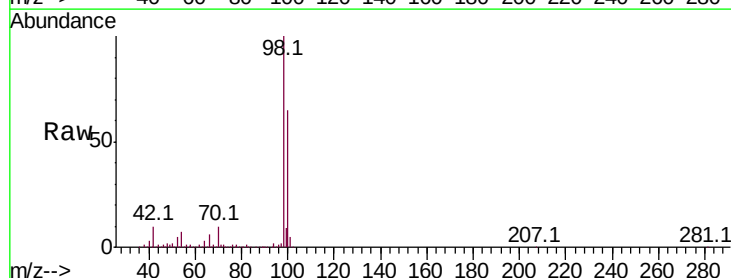


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

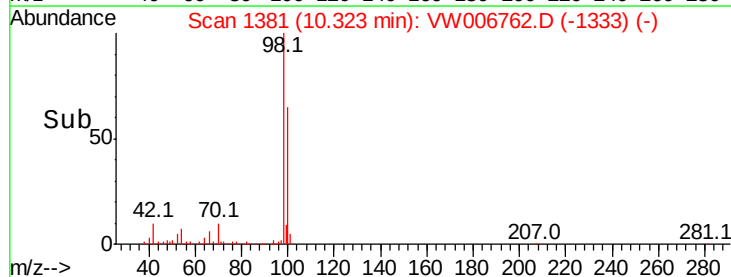
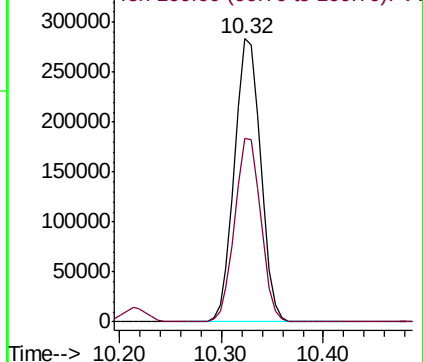


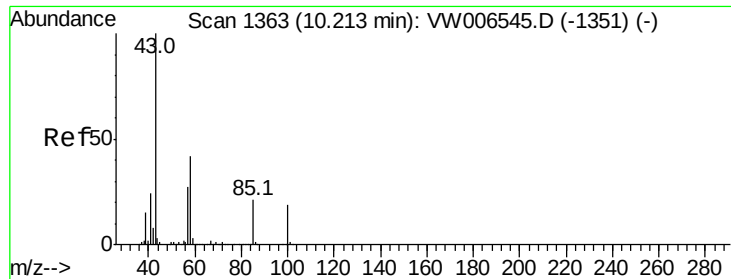
#50
Toluene-d8
Concen: 50.807 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 98 Resp: 503382
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



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

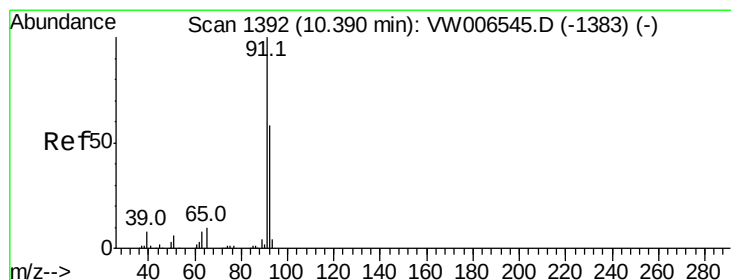
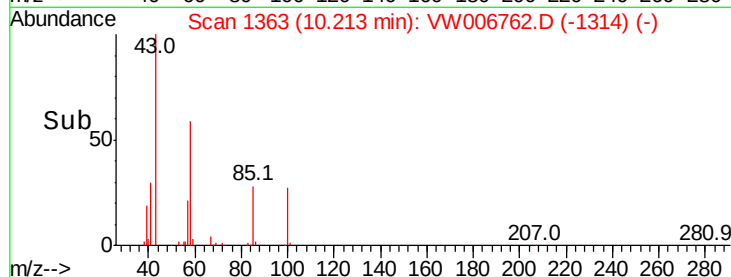
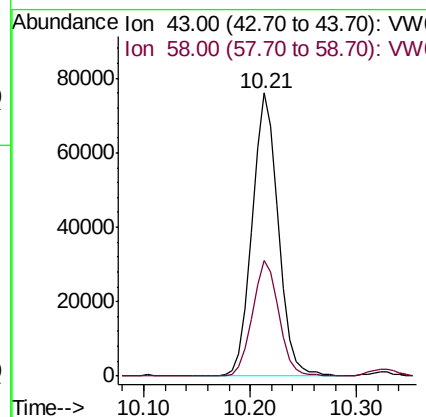
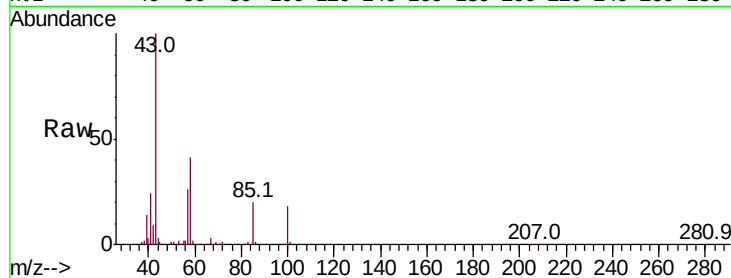




#51
4-Methyl-2-Pentanone
Concen: 101.353 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

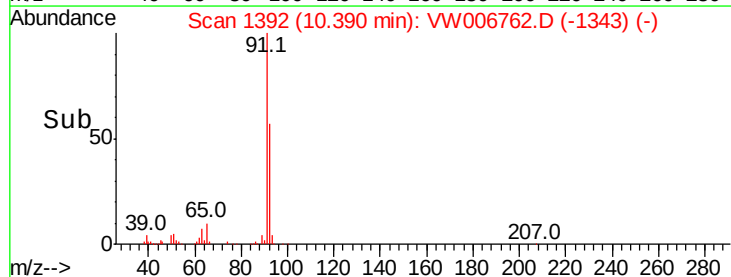
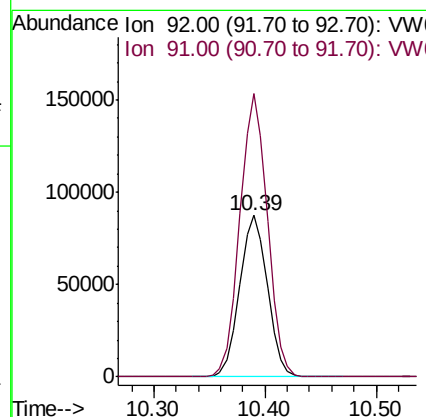
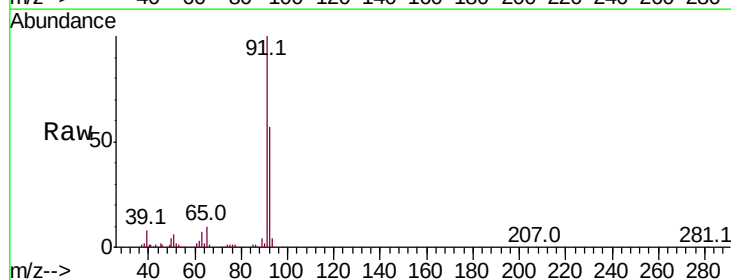
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

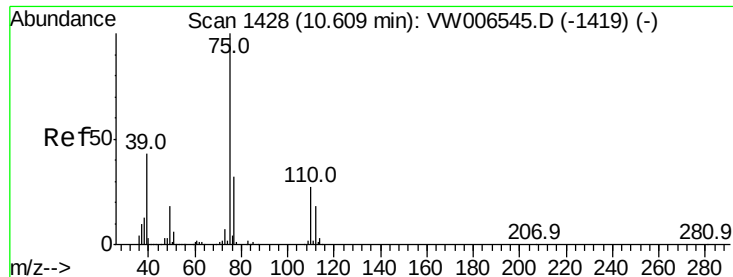
Tot Ion: 43 Resp: 131274
Ion Ratio Lower Upper
43 100
58 41.4 33.4 50.0



#52
Toluene
Concen: 21.692 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 92 Resp: 150709
Ion Ratio Lower Upper
92 100
91 174.1 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.107 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

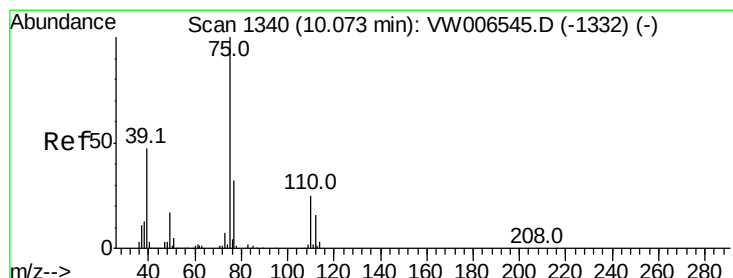
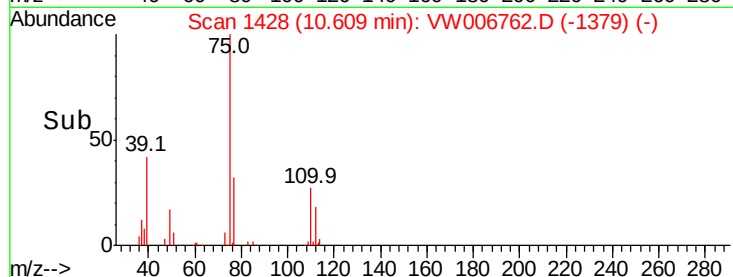
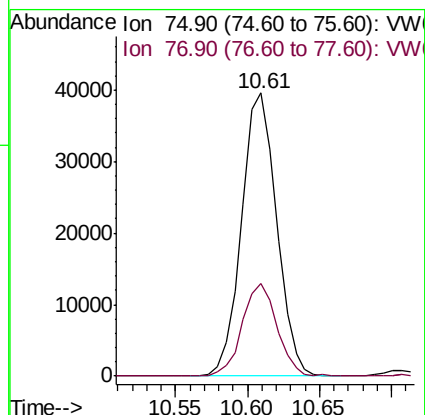
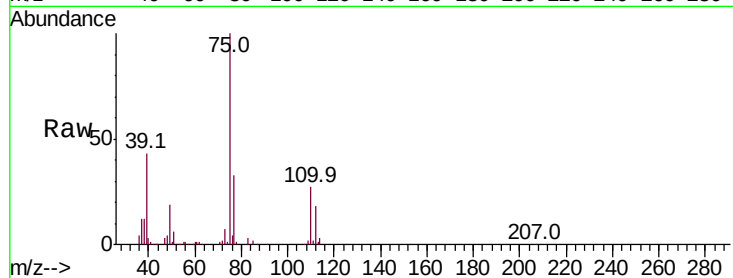
VW1108SBSD01

Tot Ion: 75 Resp: 66837

Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.198 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

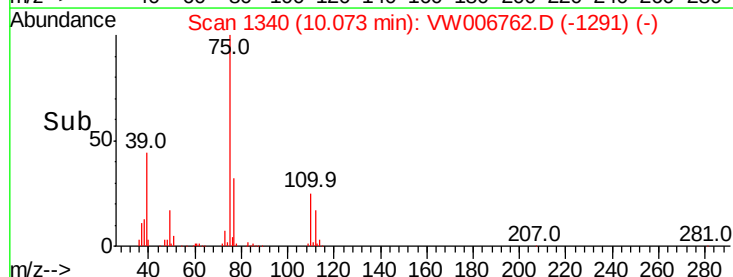
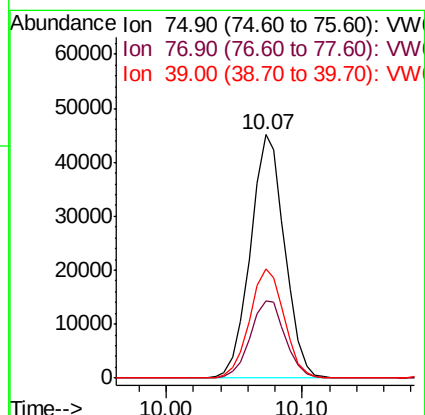
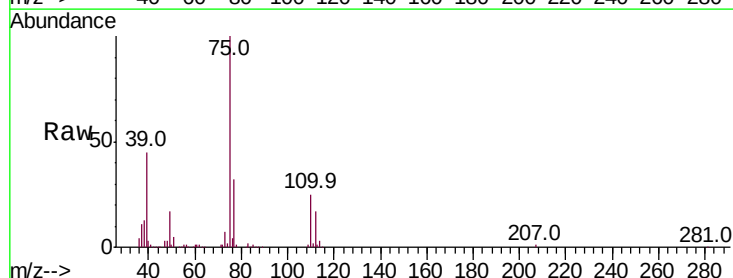
Tgt Ion: 75 Resp: 79325

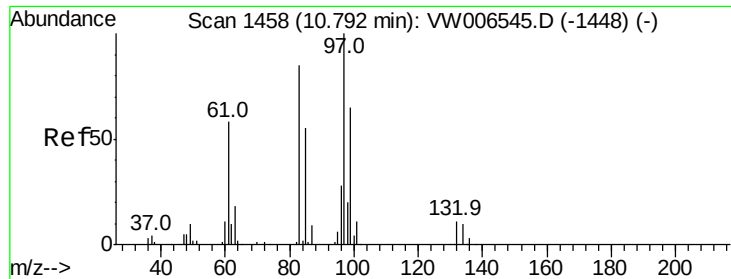
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 45.1 37.3 55.9

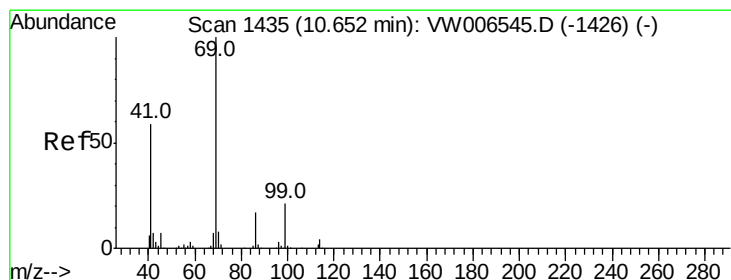
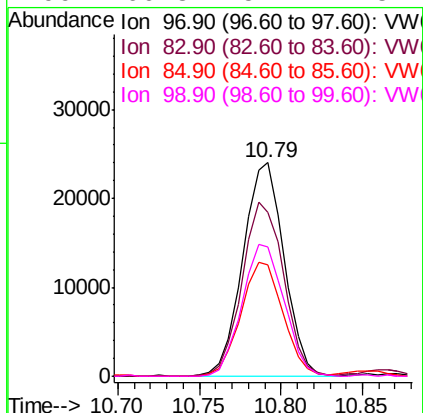
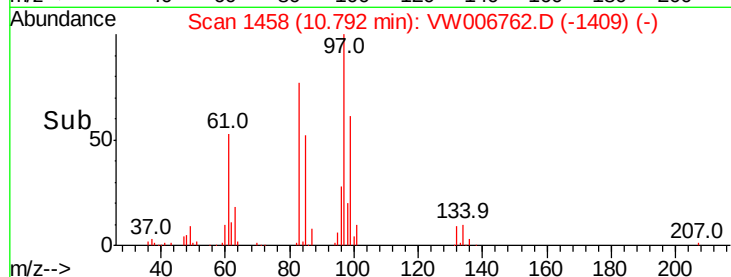
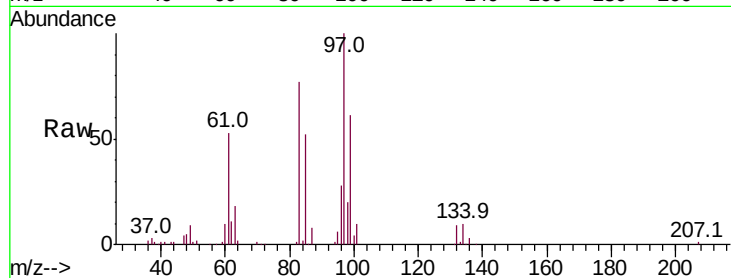




#55
 1,1,2-Trichloroethane
 Concen: 21.032 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

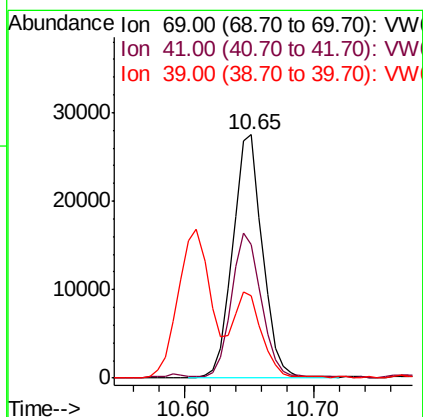
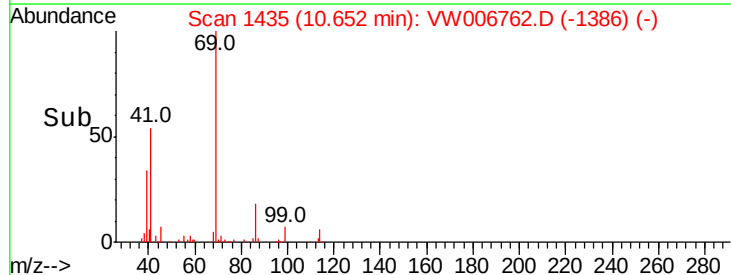
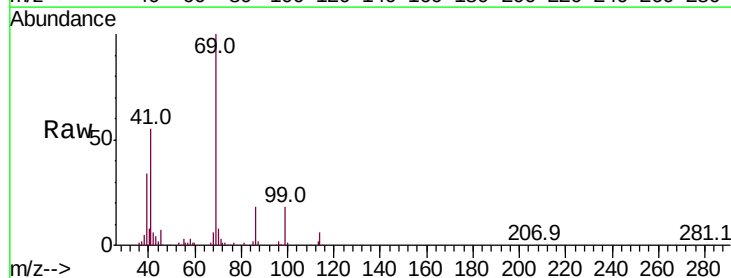
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

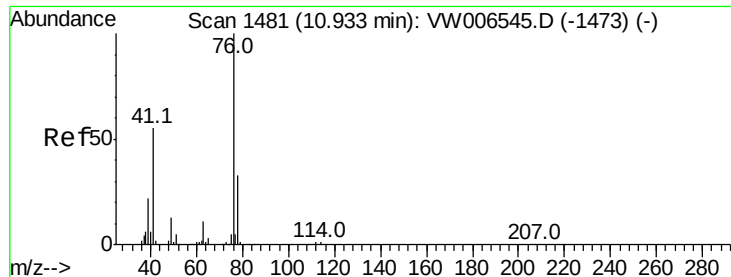
Tot Ion:	97	Resp:	42287
Ion	Ratio	Lower	Upper
97	100		
83	76.8	67.9	101.9
85	52.3	44.0	66.0
99	60.8	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 19.436 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion:	69	Resp:	44417
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.4	71.2
39	35.1	25.3	37.9





#57

1,3-Dichloropropane

Concen: 20.993 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

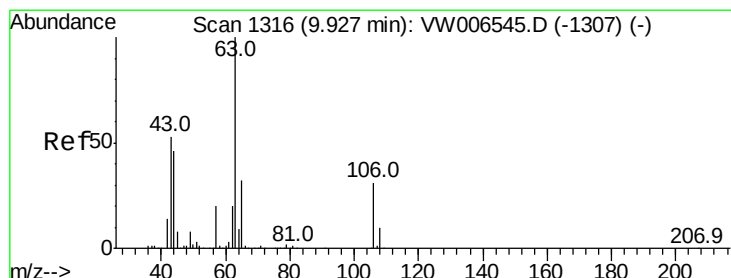
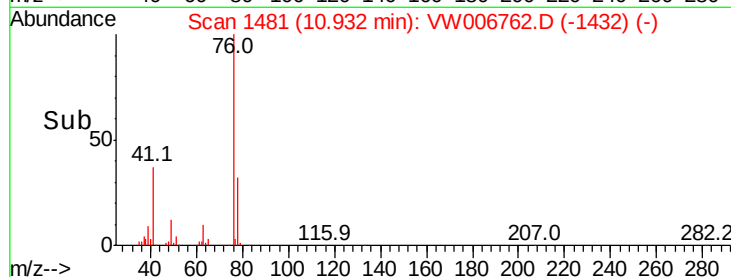
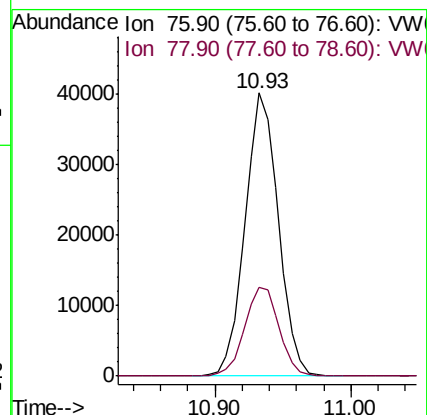
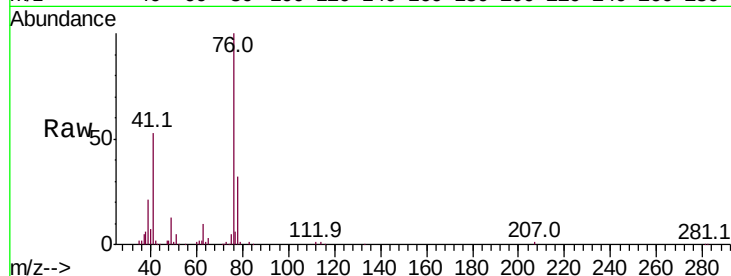
VW1108SBSD01

Tot Ion: 76 Resp: 68539

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.164 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006762.D

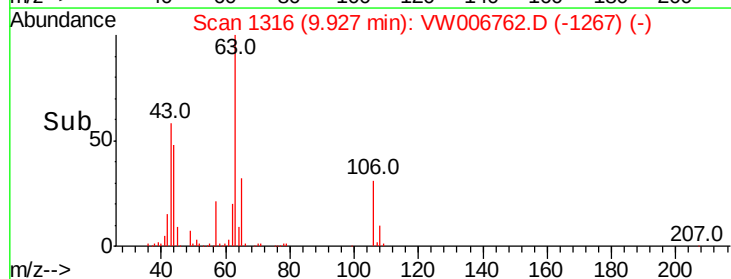
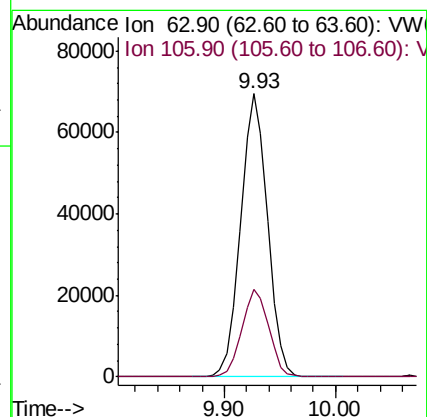
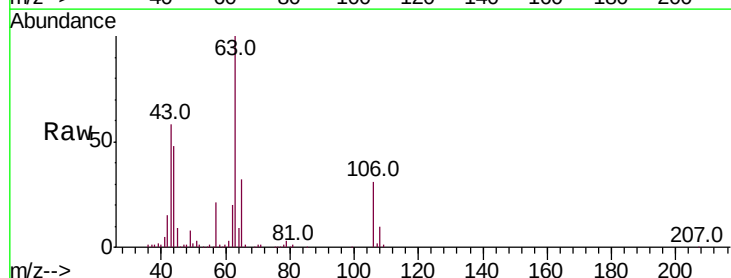
Acq: 08 Nov 2018 13:40

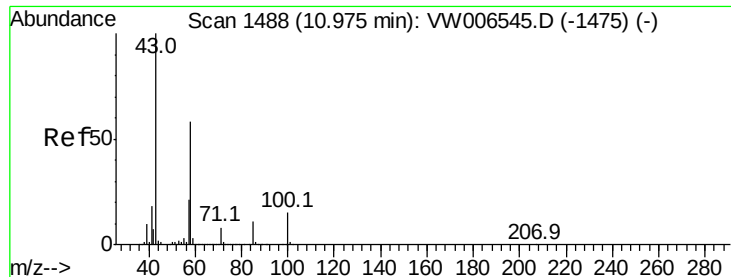
Tgt Ion: 63 Resp: 115715

Ion Ratio Lower Upper

63 100

106 31.2 25.4 38.2

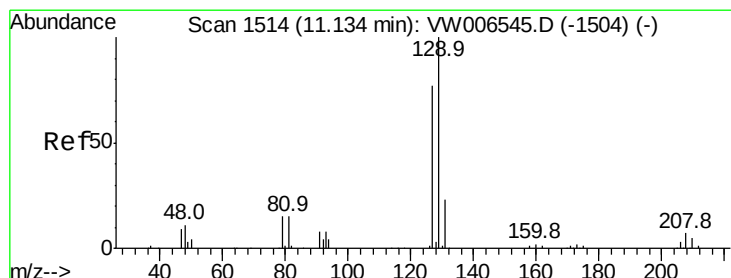
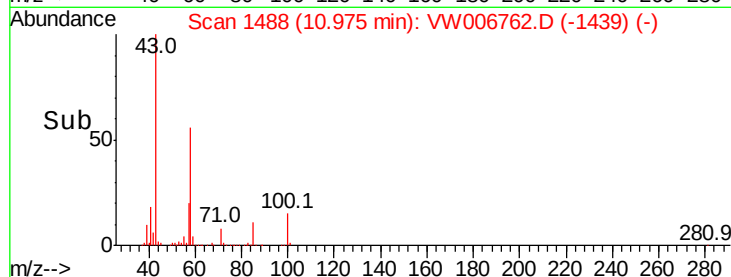
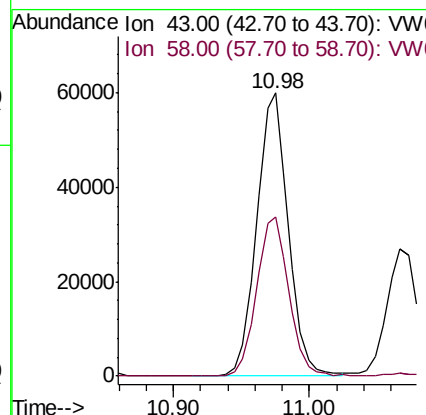
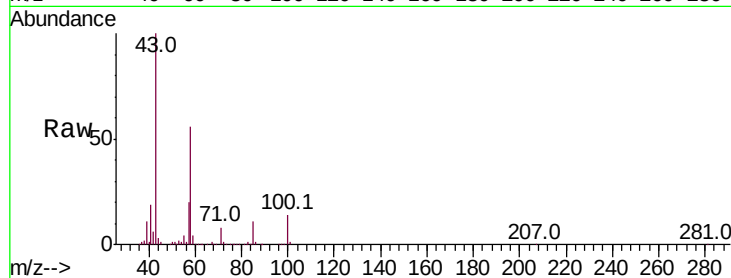




#59
2-Hexanone
Concen: 110.600 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

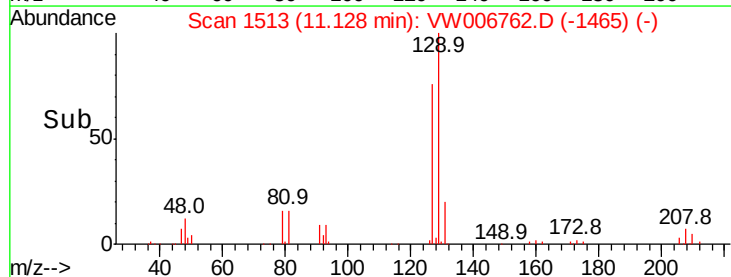
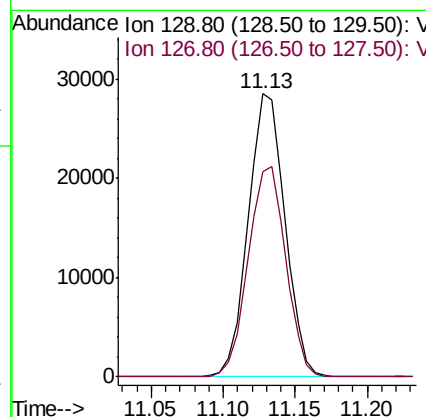
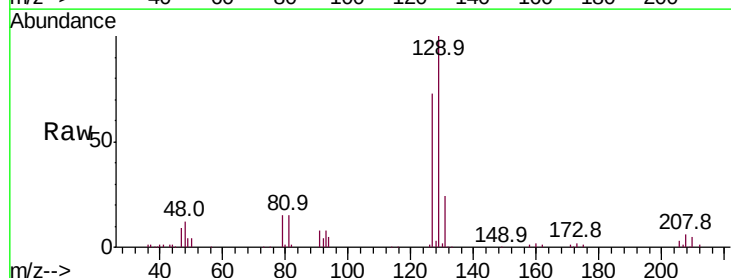
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

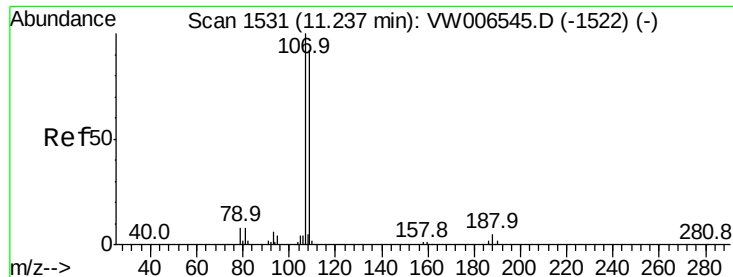
Tot Ion: 43 Resp: 97295
Ion Ratio Lower Upper
43 100
58 57.2 28.8 86.4



#60
Dibromochloromethane
Concen: 21.087 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 129 Resp: 50233
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3

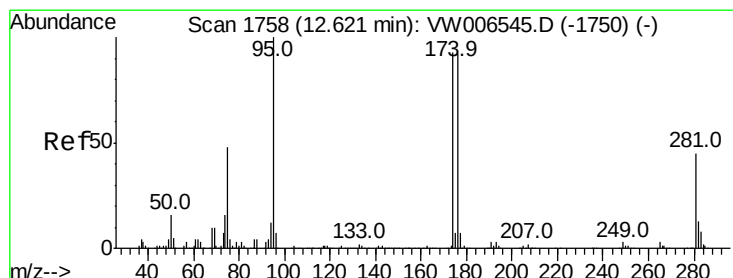
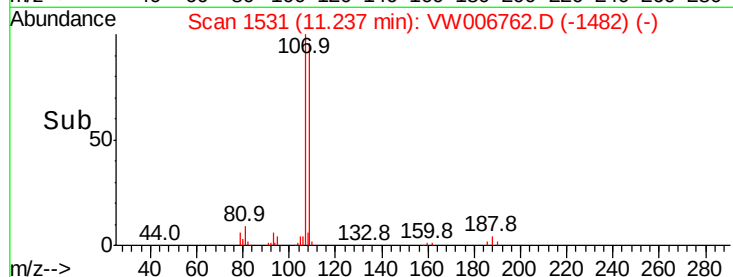
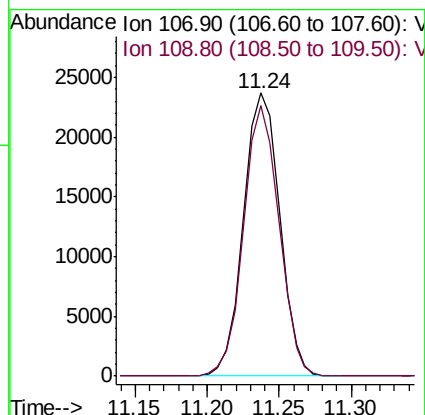
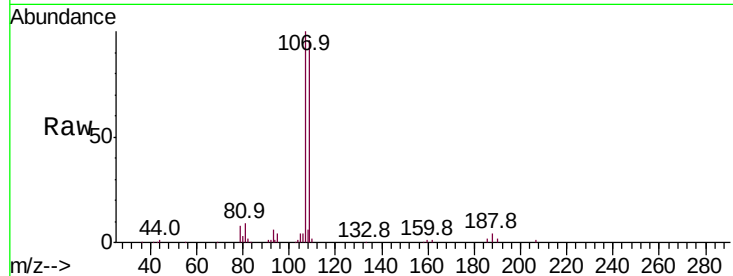




#61
 1,2-Dibromoethane
 Concen: 20.729 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

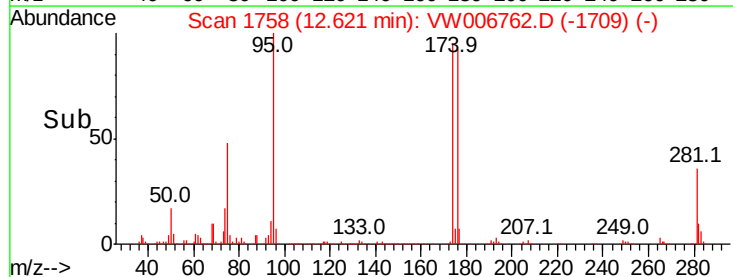
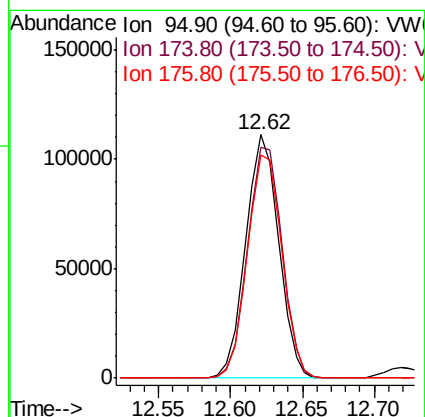
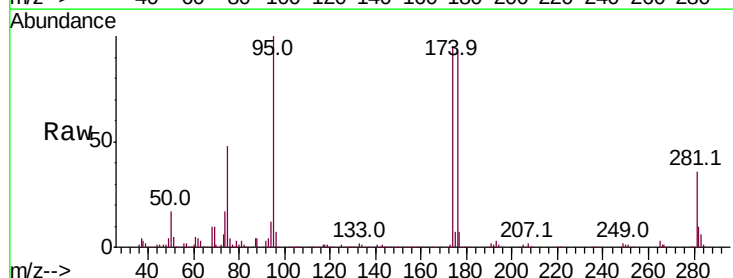
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

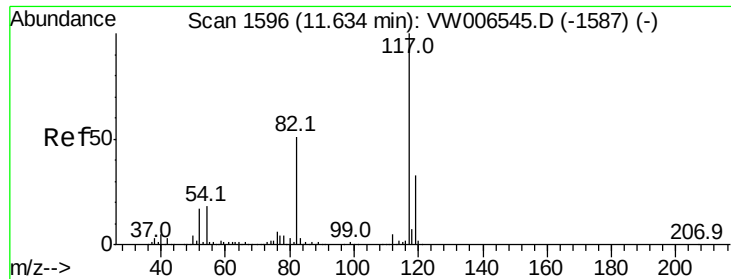
Tot Ion:107 Resp: 41388
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.219 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion: 95 Resp: 176791
 Ion Ratio Lower Upper
 95 100
 174 99.1 0.0 192.4
 176 95.4 0.0 187.4

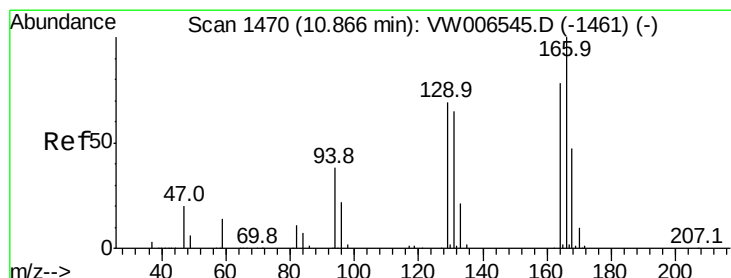
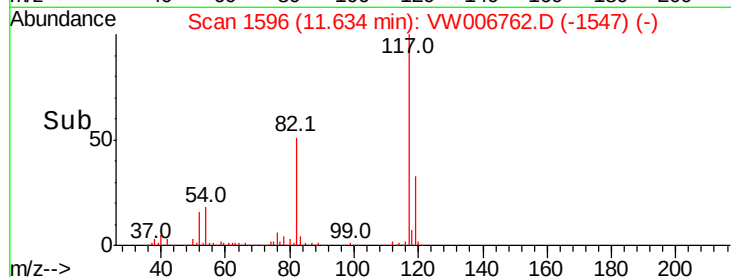
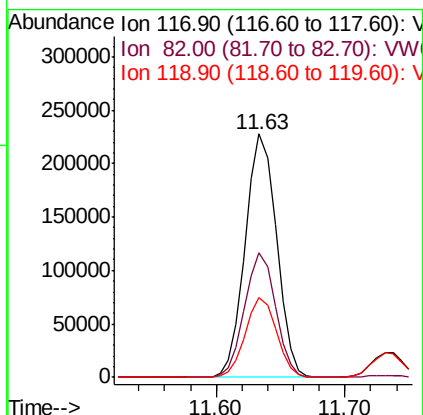
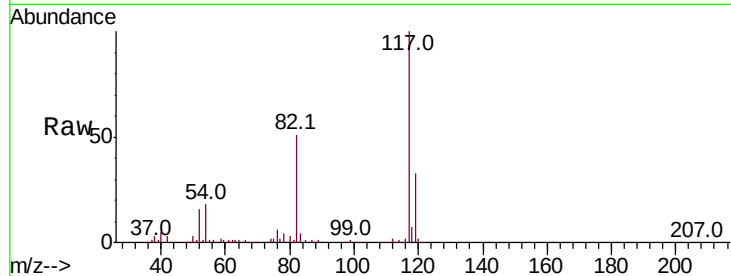




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

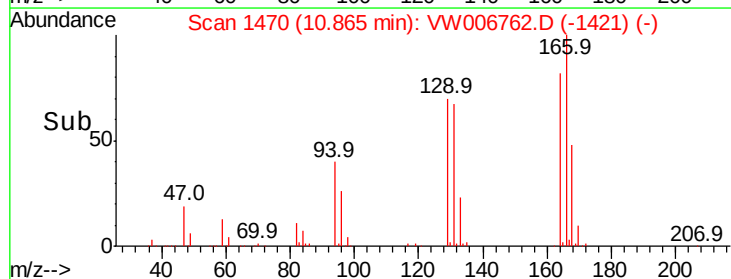
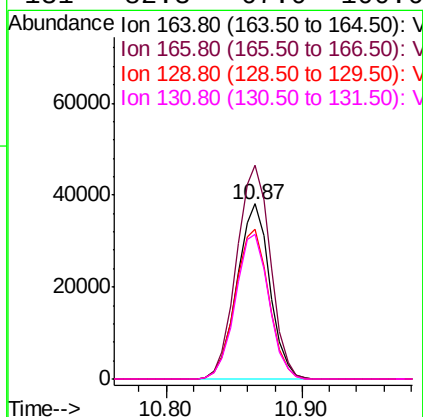
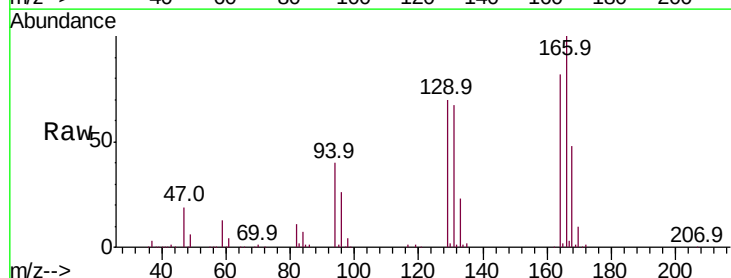
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

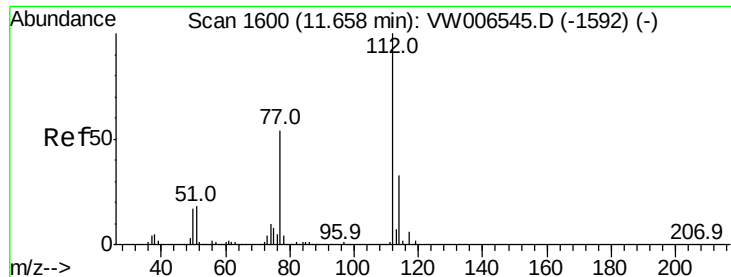
Tot Ion:117 Resp: 382794
Ion Ratio Lower Upper
117 100
82 51.4 40.8 61.2
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 20.977 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion:164 Resp: 64011
Ion Ratio Lower Upper
164 100
166 121.9 102.8 154.2
129 85.8 70.9 106.3
131 82.3 67.0 100.6





#65

Chlorobenzene

Concen: 21.614 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

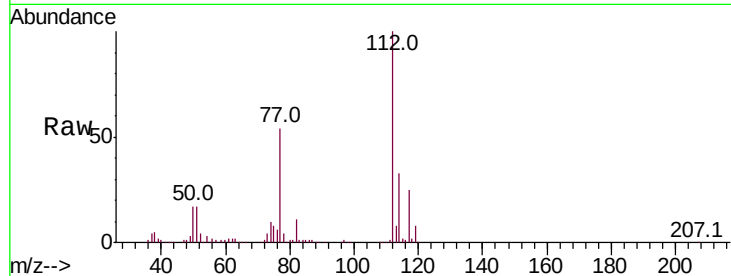
VW1108SBS01

Tot Ion:112 Resp: 174105

Ion Ratio Lower Upper

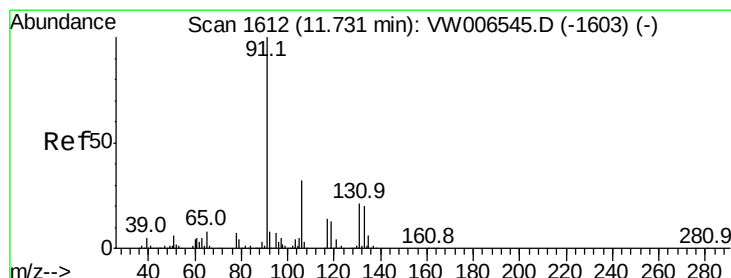
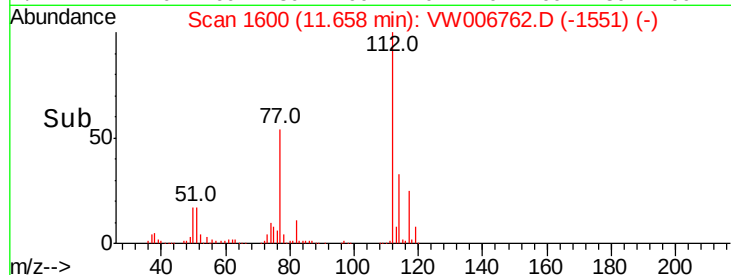
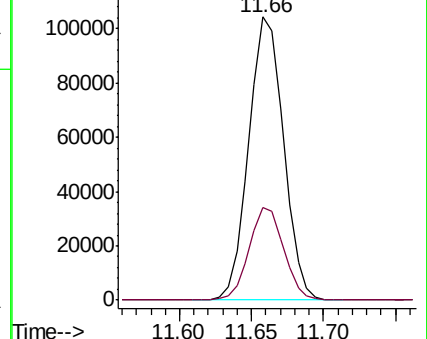
112 100

114 32.8 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.378 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

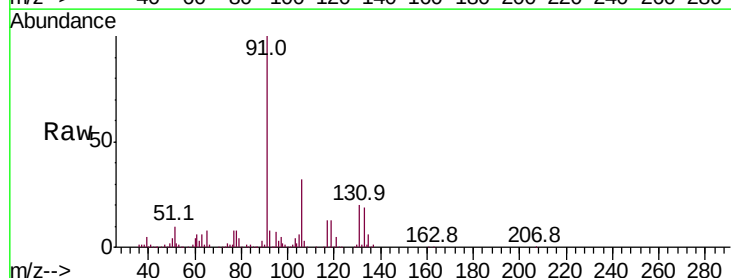
Tgt Ion:131 Resp: 60526

Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

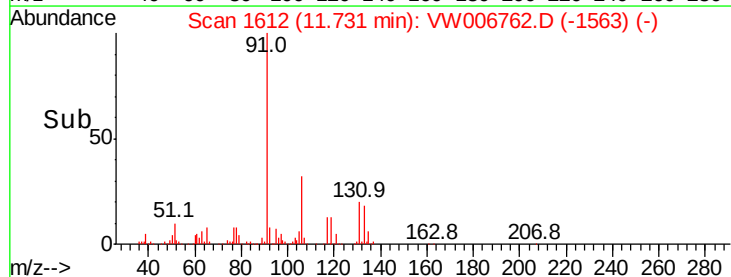
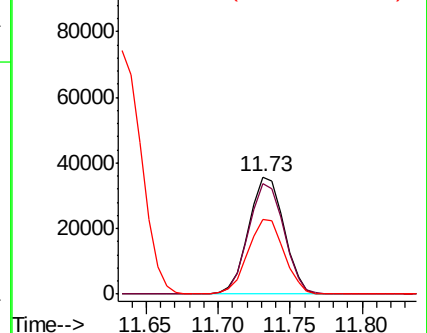
119 65.3 31.9 95.5

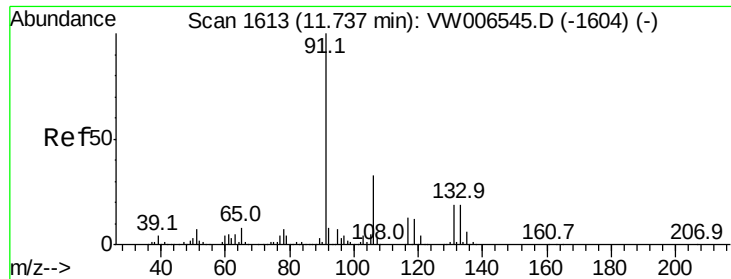


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

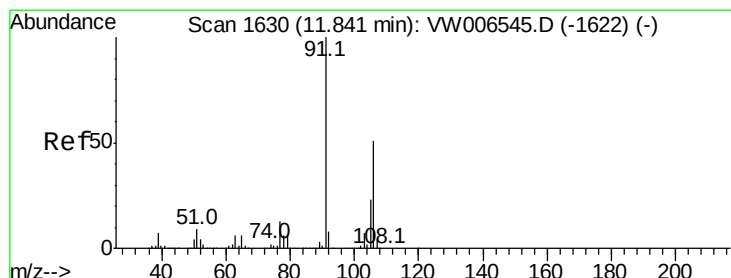
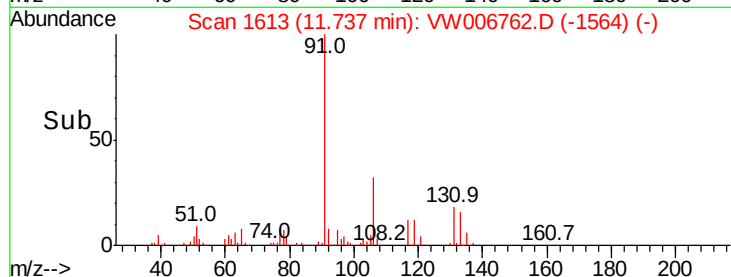
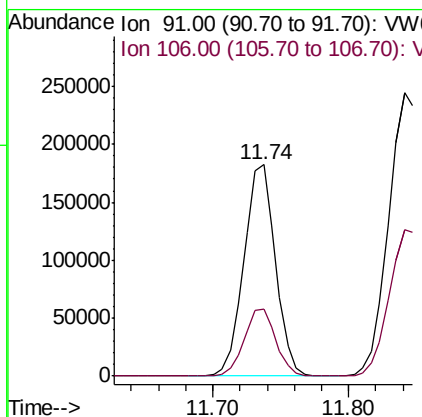
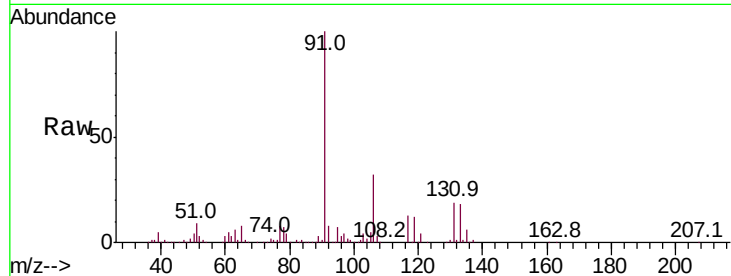




#67
Ethyl Benzene
Concen: 21.950 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

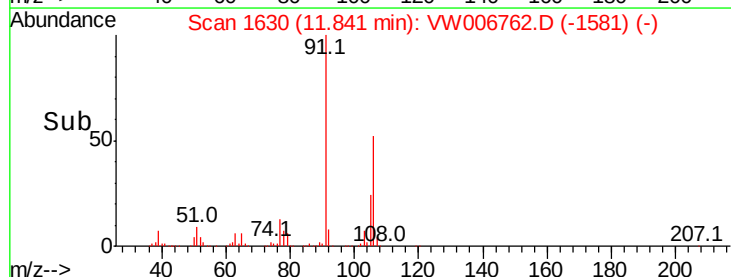
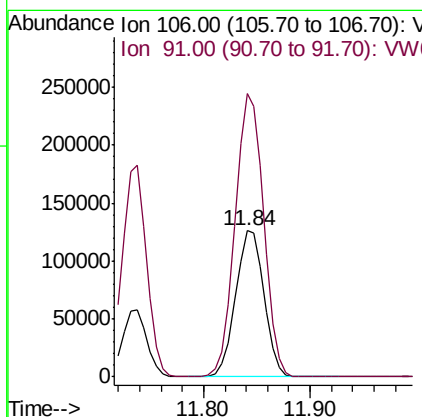
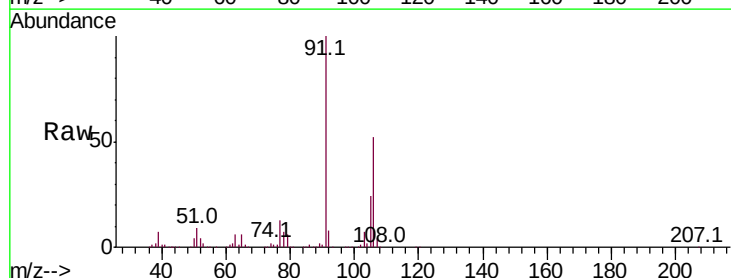
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

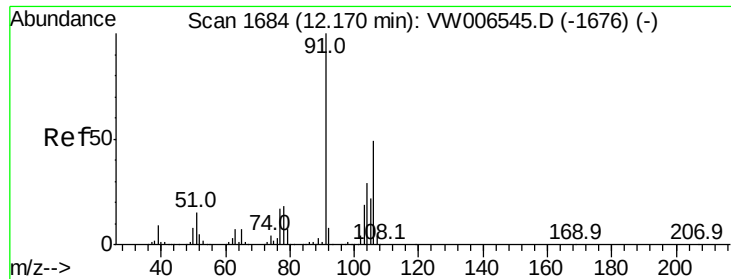
Tot Ion: 91 Resp: 295535
Ion Ratio Lower Upper
91 100
106 31.9 26.3 39.5



#68
m/p-Xylenes
Concen: 43.901 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 106 Resp: 236150
Ion Ratio Lower Upper
106 100
91 194.5 156.7 235.1

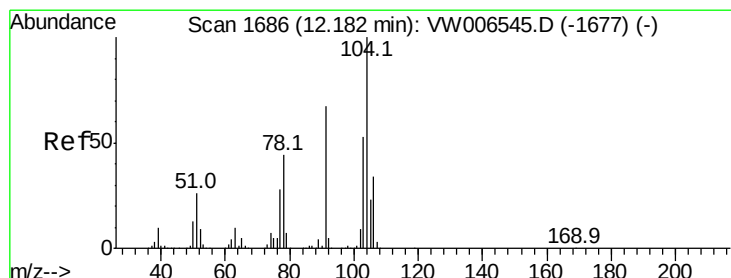
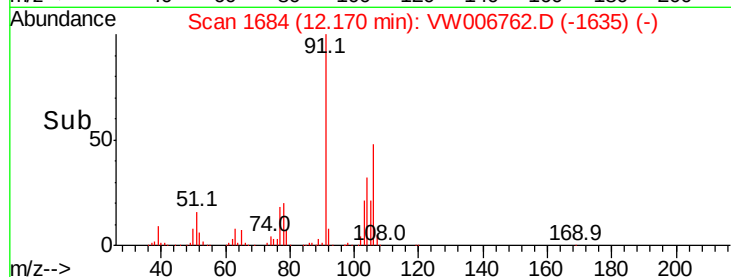
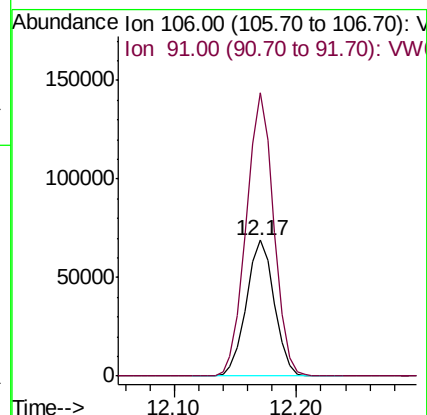
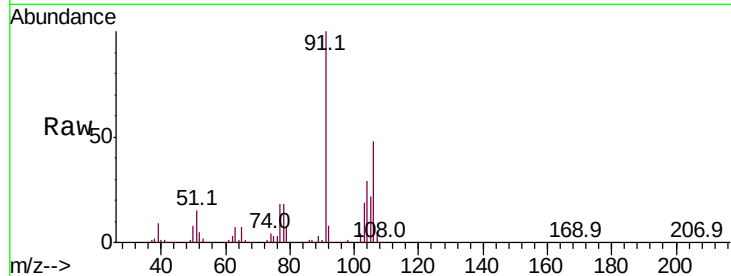




#69
o-Xylene
Concen: 21.410 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

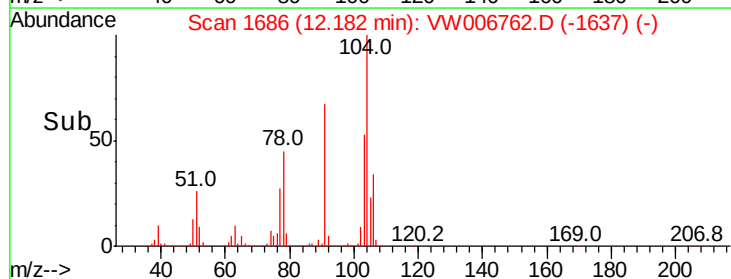
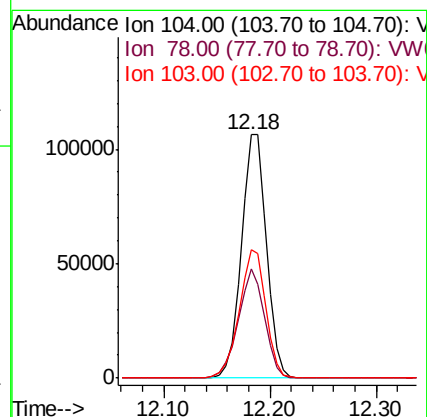
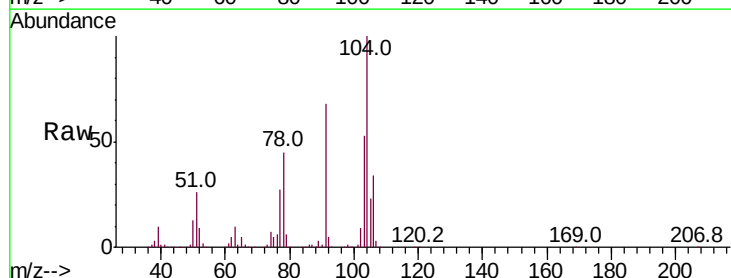
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

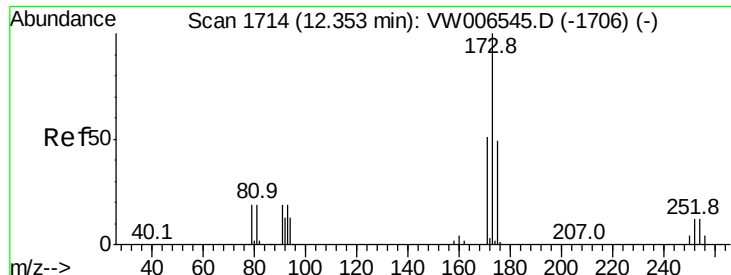
Tot Ion:106 Resp: 109641
Ion Ratio Lower Upper
106 100
91 204.3 102.8 308.4



#70
Styrene
Concen: 21.106 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion:104 Resp: 176218
Ion Ratio Lower Upper
104 100
78 46.8 37.2 55.8
103 55.7 44.2 66.2





#71

Bromoform

Concen: 20.724 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

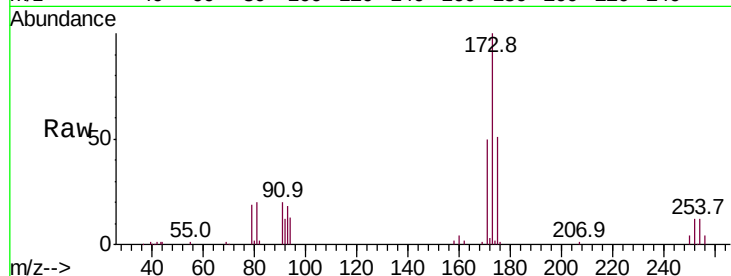
Tot Ion:173 Resp: 31102

Ion Ratio Lower Upper

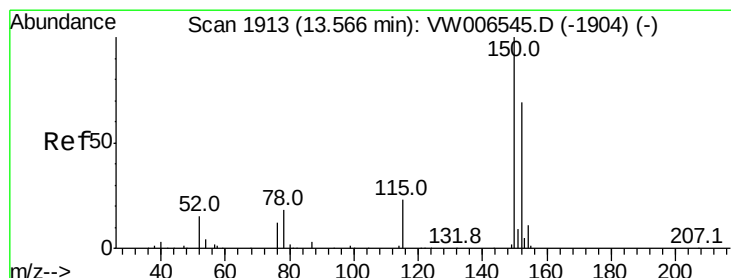
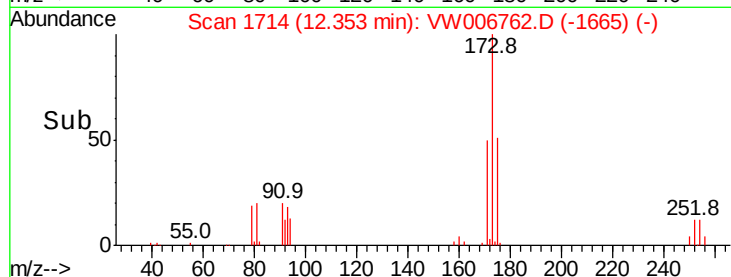
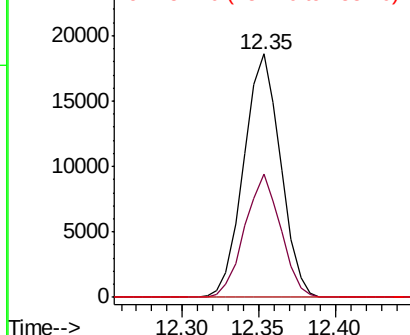
173 100

175 49.5 24.1 72.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

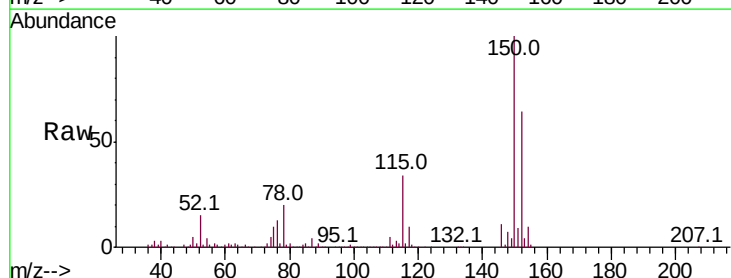
Tgt Ion:152 Resp: 217900

Ion Ratio Lower Upper

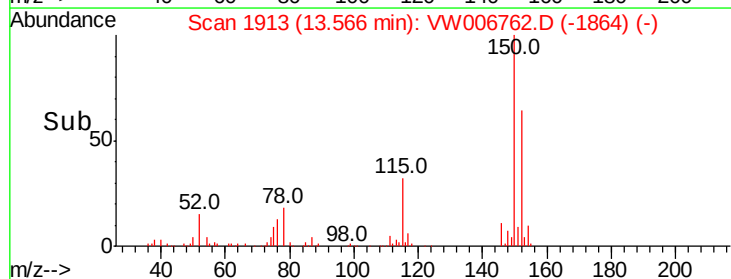
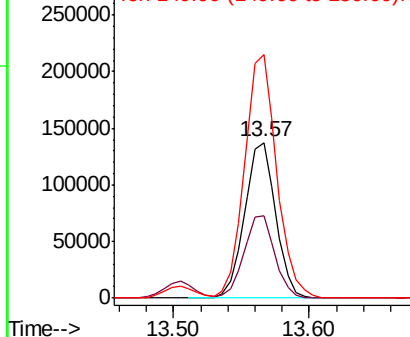
152 100

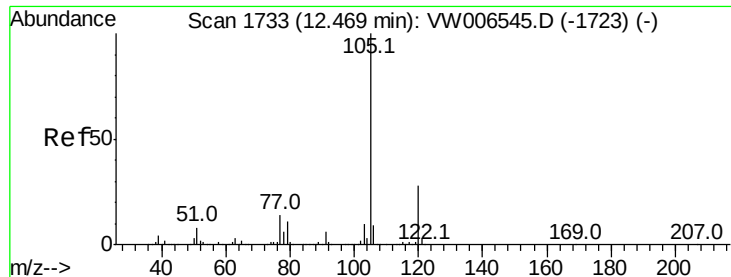
115 53.1 26.6 79.8

150 162.8 0.0 344.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.339 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

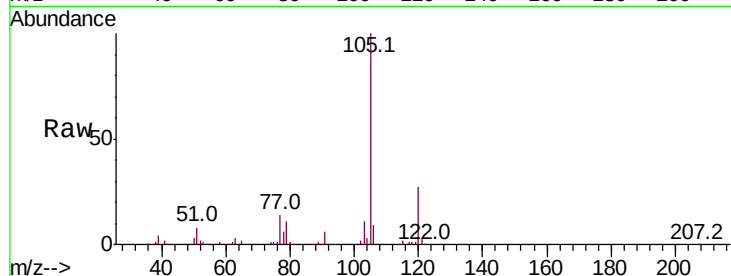
VW1108SBSD01

Tot Ion:105 Resp: 306306

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

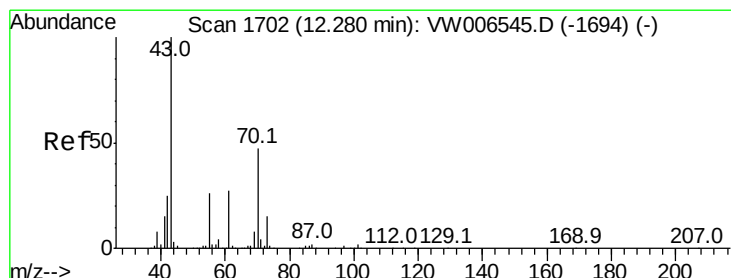
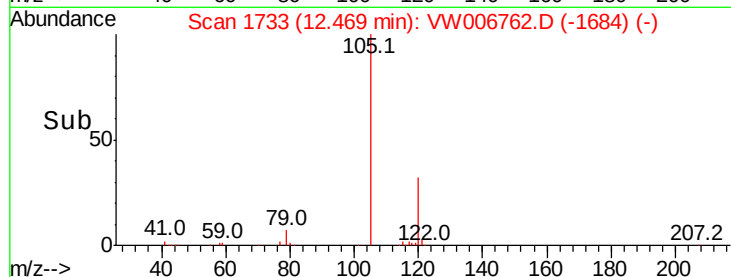
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.259 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion: 43 Resp: 47772

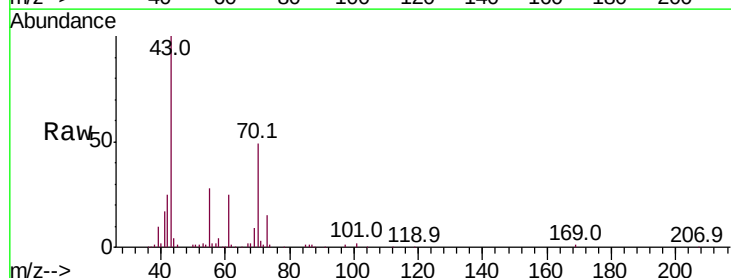
Ion Ratio Lower Upper

43 100

70 47.3 36.9 55.3

55 28.5 20.7 31.1

61 26.1 20.7 31.1



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

40000

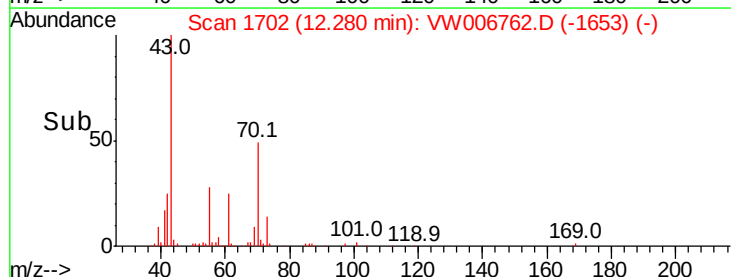
30000

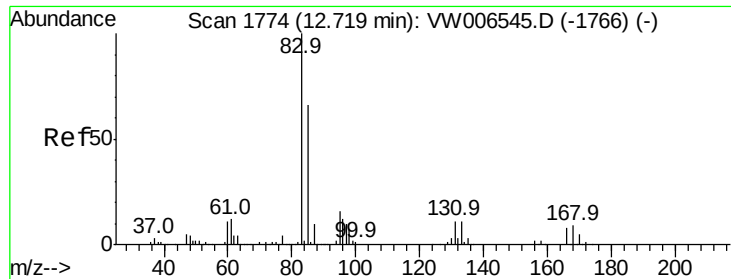
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.965 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

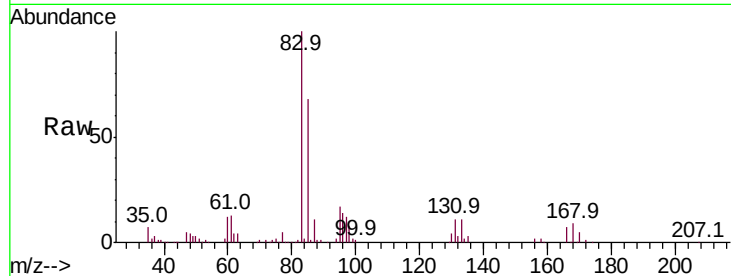
Tot Ion: 83 Resp: 47530

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

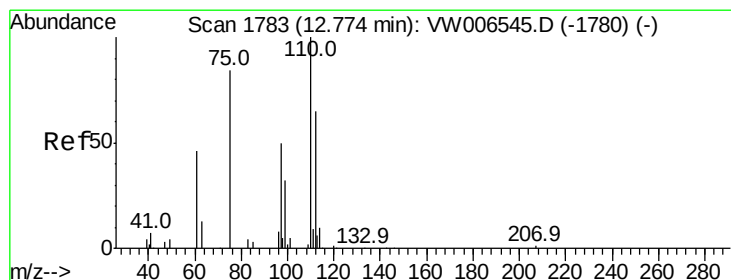
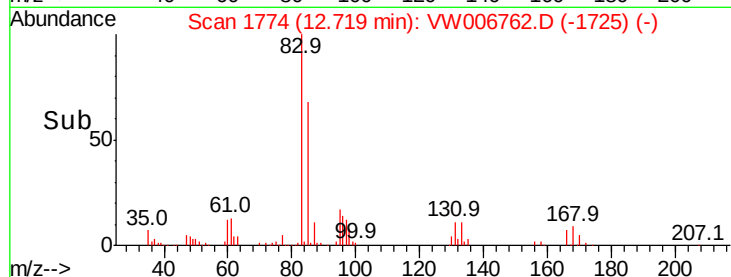
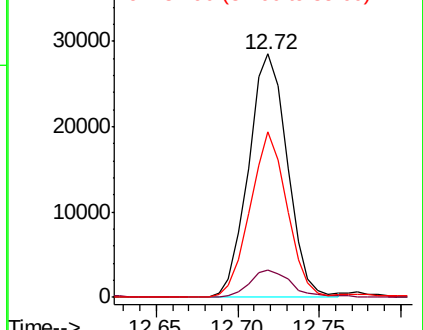
85 64.6 32.3 96.8



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: 35.118 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006762.D

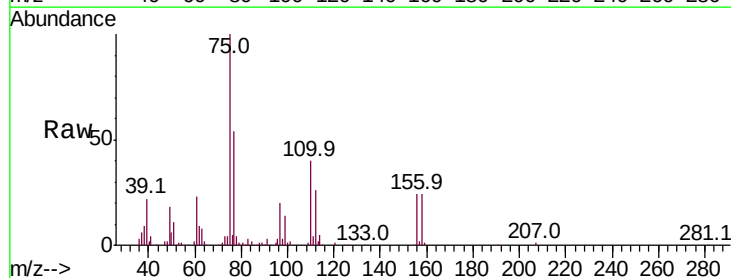
Acq: 08 Nov 2018 13:40

Tgt Ion: 75 Resp: 59705

Ion Ratio Lower Upper

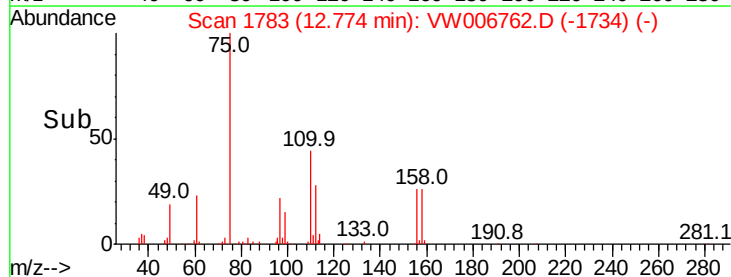
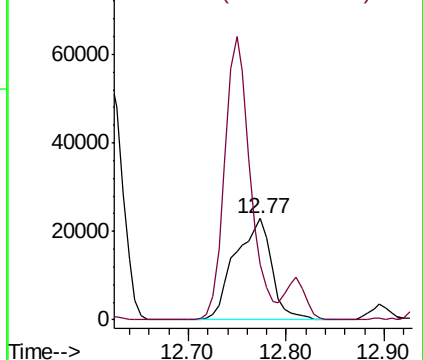
75 100

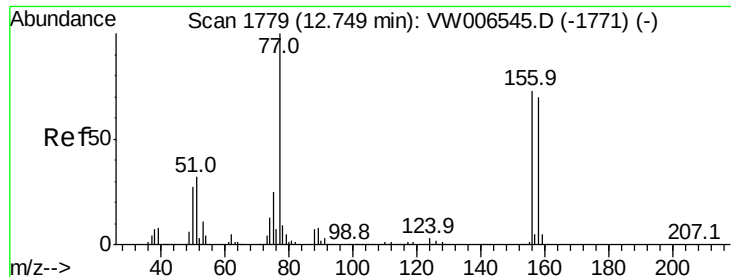
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.063 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBSD01

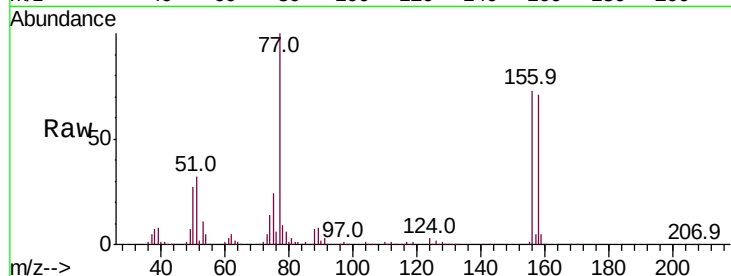
Tot Ion:156 Resp: 78280

Ion Ratio Lower Upper

156 100

77 149.6 75.9 227.8

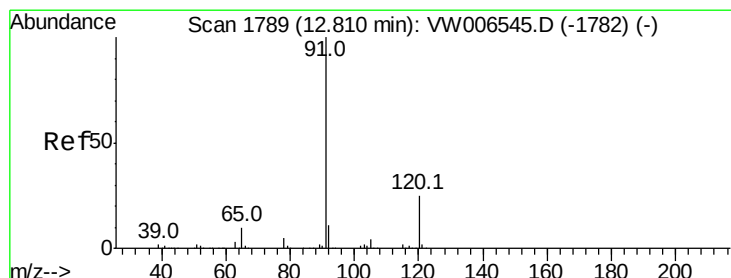
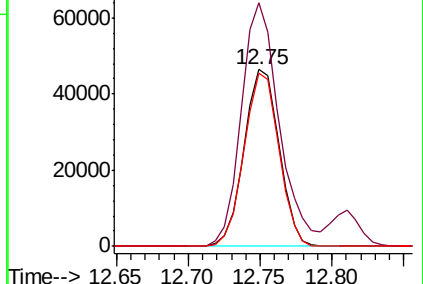
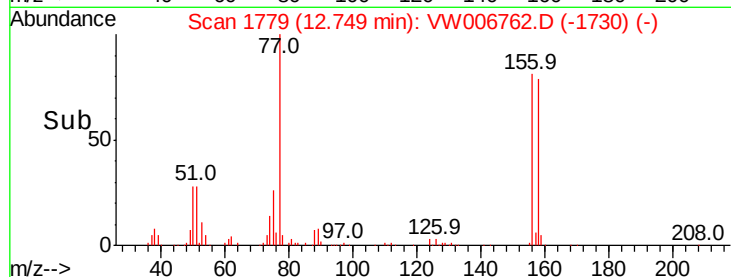
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.996 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006762.D

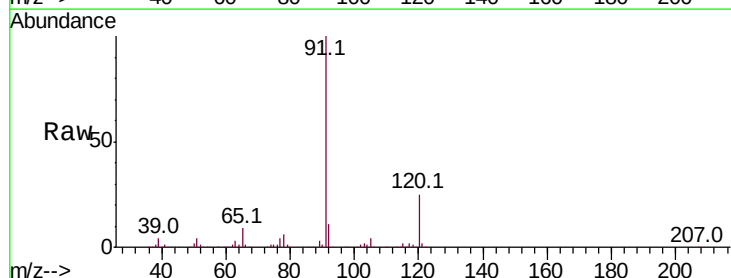
Acq: 08 Nov 2018 13:40

Tgt Ion: 91 Resp: 363163

Ion Ratio Lower Upper

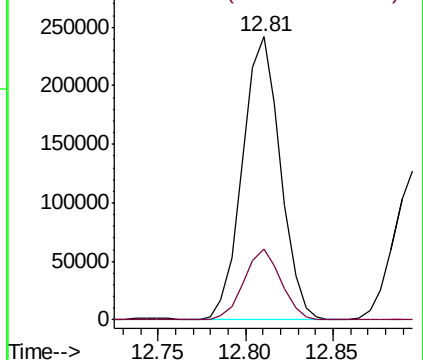
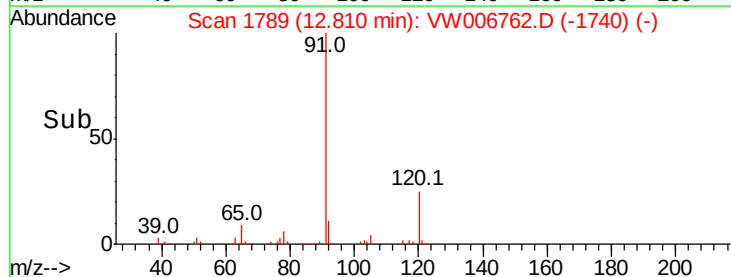
91 100

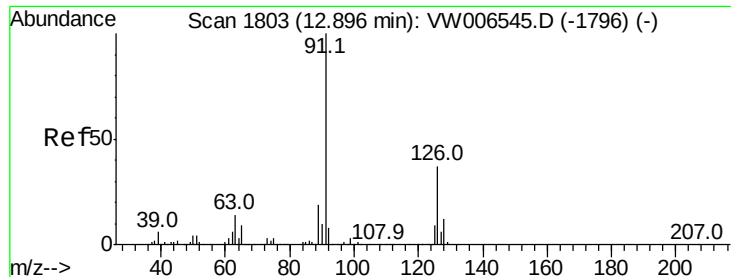
120 24.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.301 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

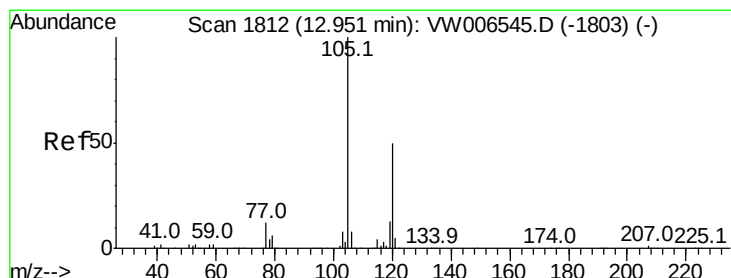
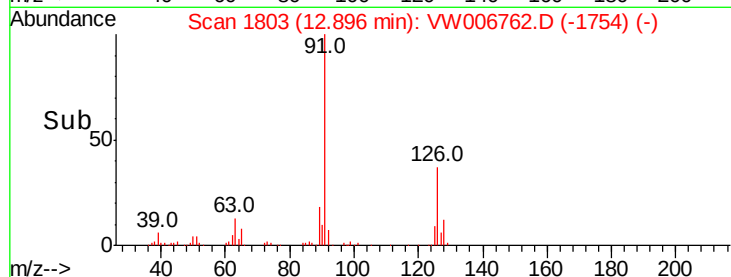
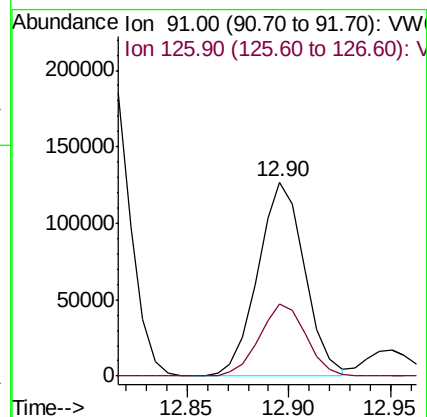
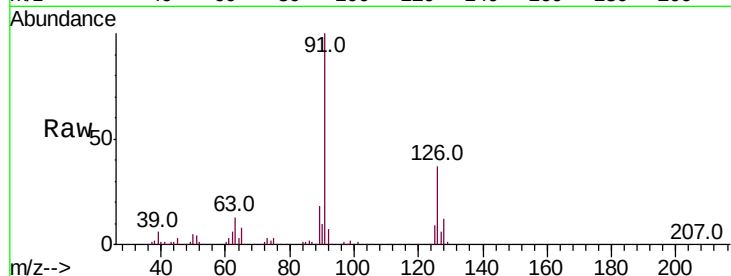
VW1108SBSD01

Tot Ion: 91 Resp: 201834

Ion Ratio Lower Upper

91 100

126 37.0 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 21.548 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006762.D

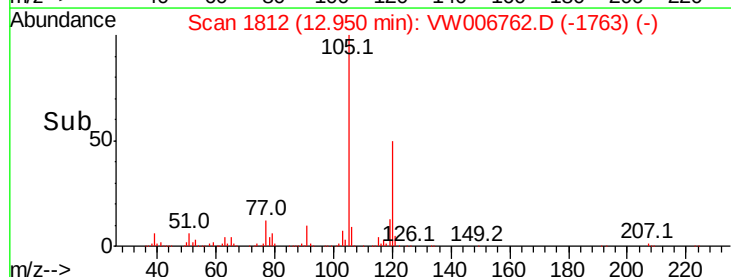
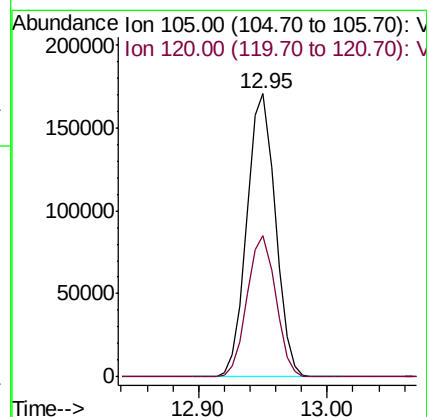
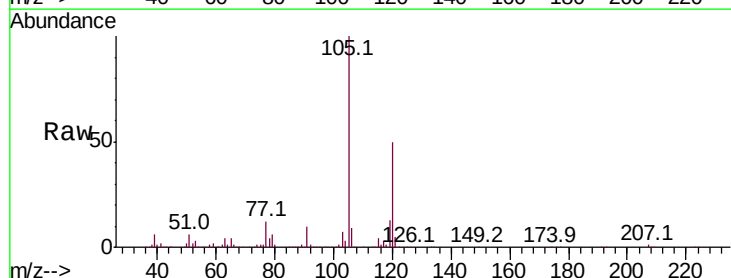
Acq: 08 Nov 2018 13:40

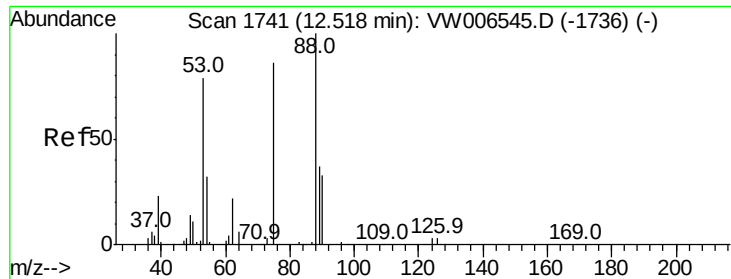
Tgt Ion: 105 Resp: 259851

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3

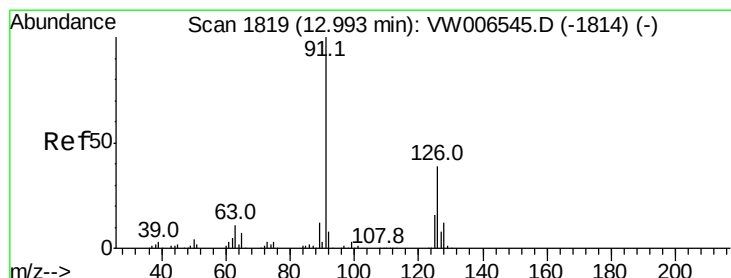
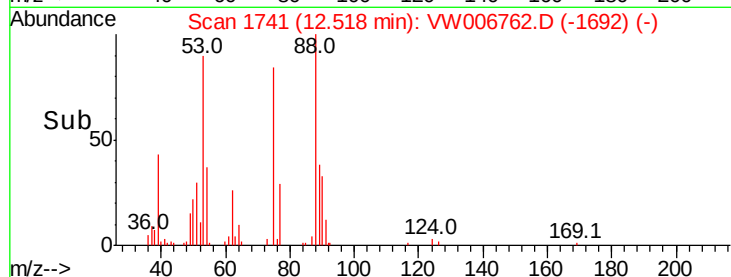
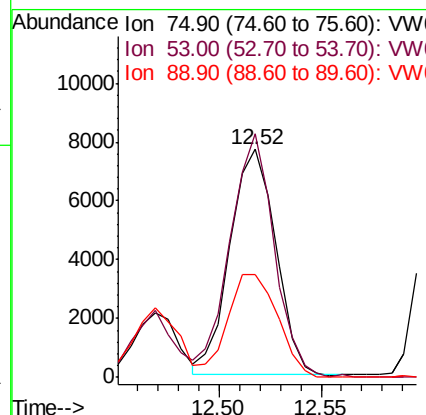
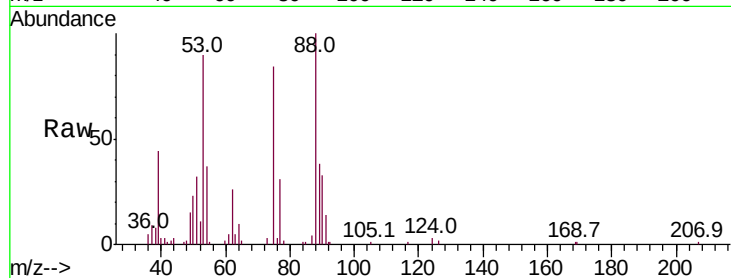




#81
trans-1,4-Dichloro-2-butene
Concen: 19.874 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

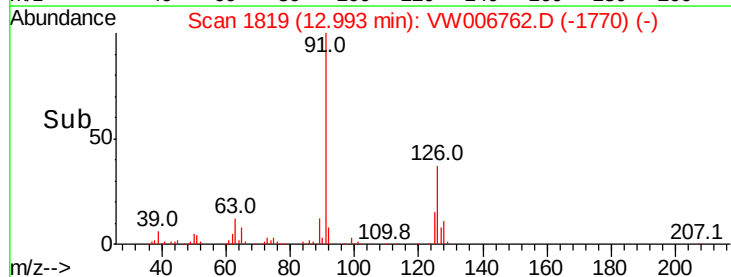
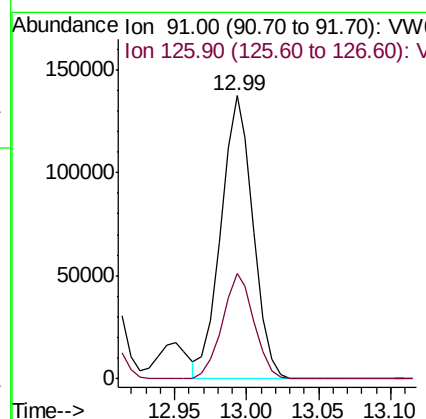
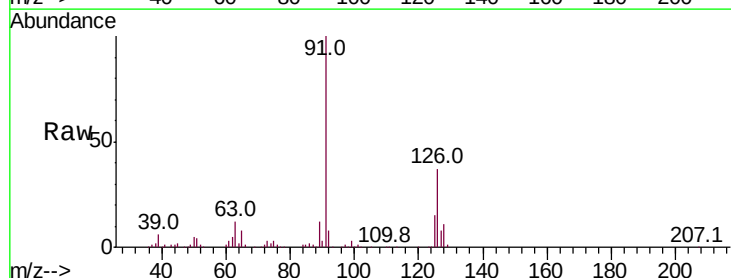
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

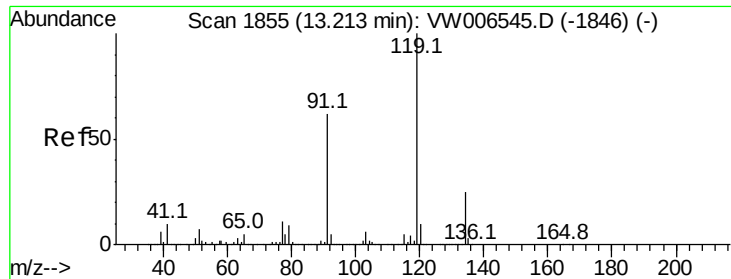
Tot Ion: 75 Resp: 11935
Ion Ratio Lower Upper
75 100
53 105.0 77.2 115.8
89 50.5 38.6 58.0



#82
4-Chlorotoluene
Concen: 21.364 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 91 Resp: 214161
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5

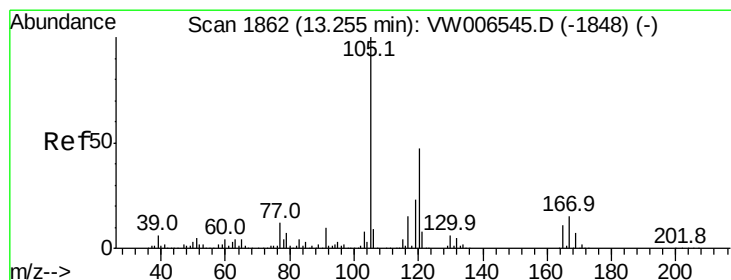
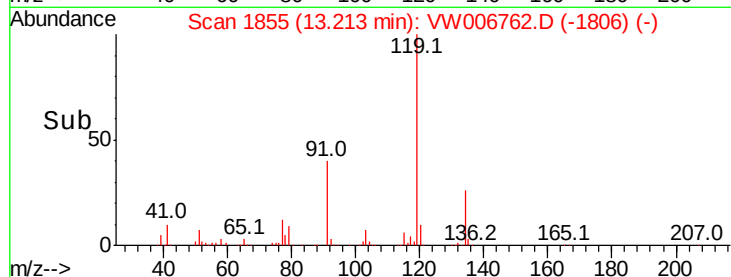
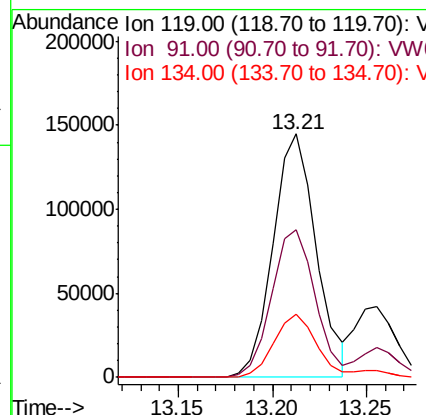
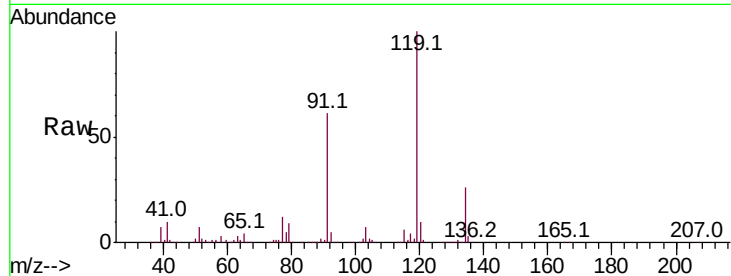




#83
tert-Butylbenzene
Concen: 21.415 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

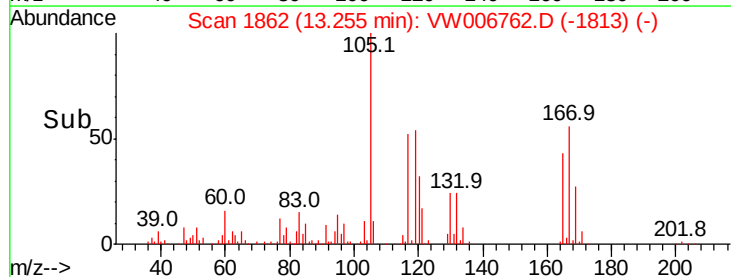
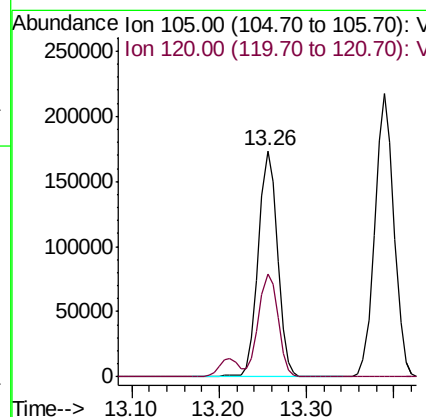
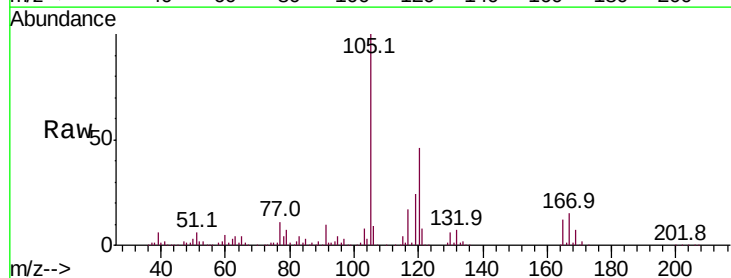
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

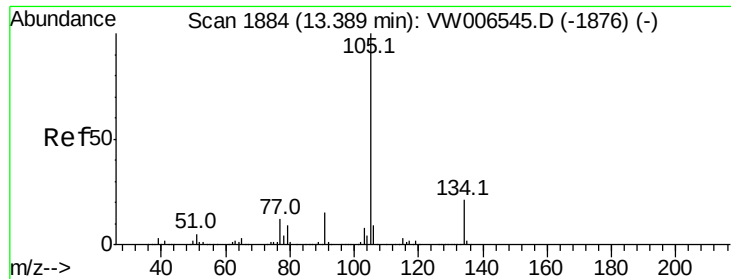
Tot Ion:119 Resp: 230296
Ion Ratio Lower Upper
119 100
91 60.9 30.4 91.3
134 25.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 21.306 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion:105 Resp: 263536
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6

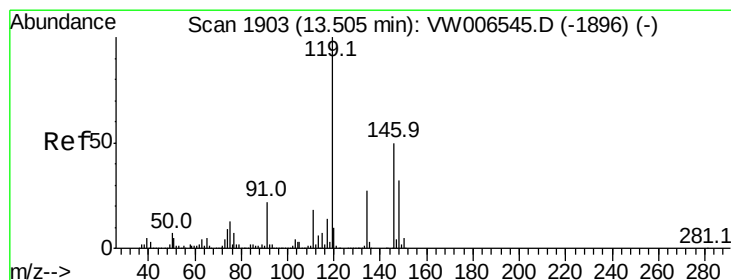
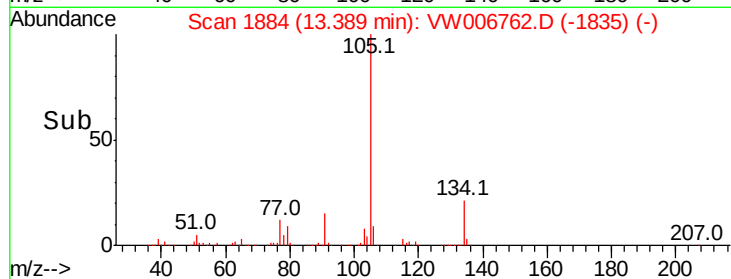
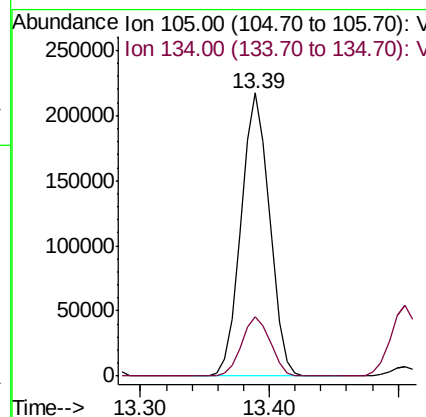
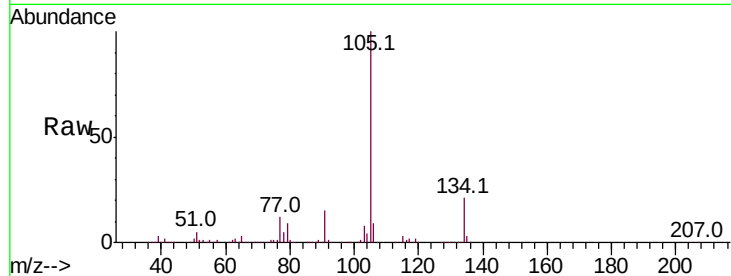




#85
 sec-Butylbenzene
 Concen: 22.037 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

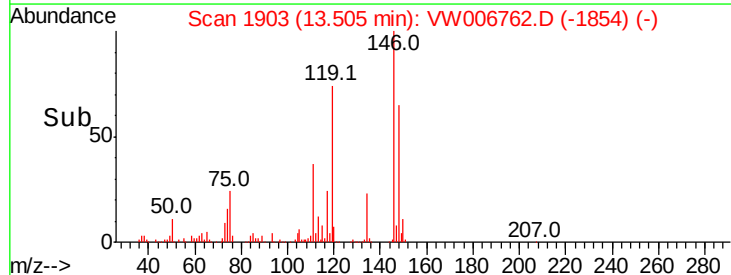
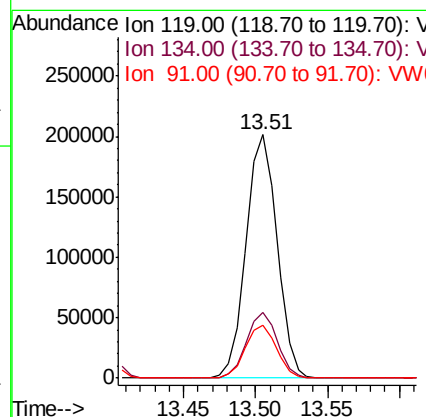
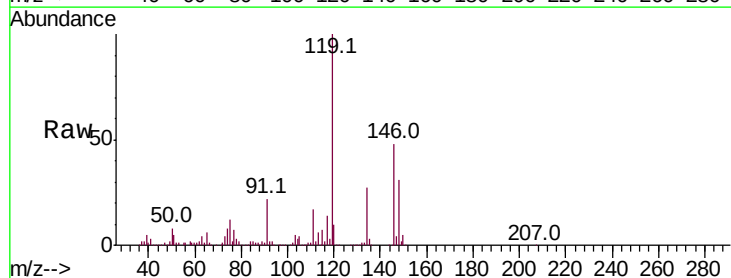
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

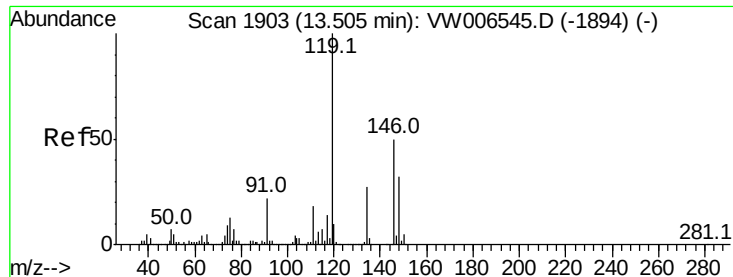
Tot Ion:105 Resp: 331923
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 21.867 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion:119 Resp: 299687
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 21.9 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 21.462 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBSD01

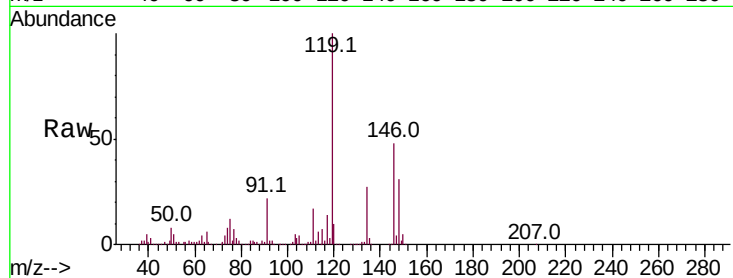
Tot Ion:146 Resp: 157087

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.6

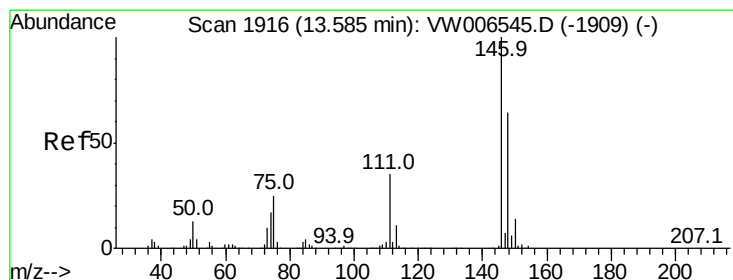
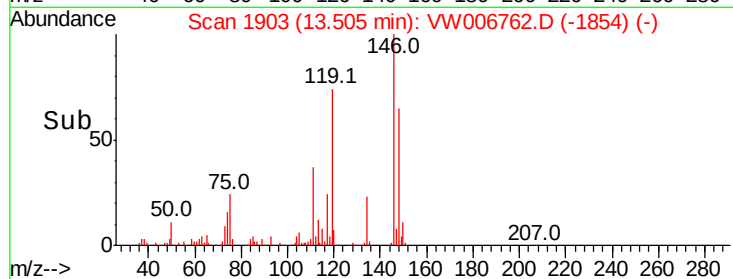
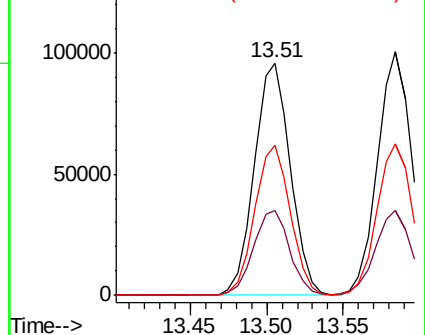
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.584 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

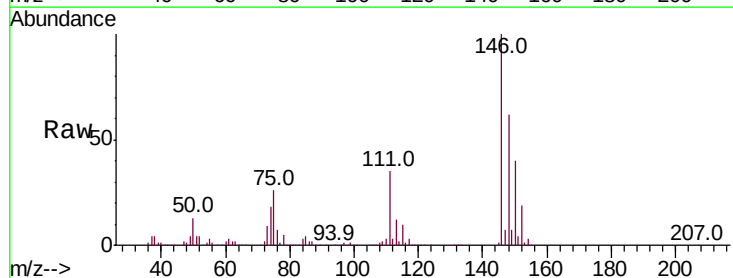
Tgt Ion:146 Resp: 156591

Ion Ratio Lower Upper

146 100

111 36.3 17.9 53.7

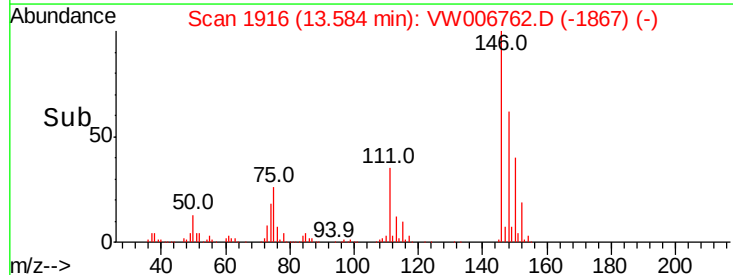
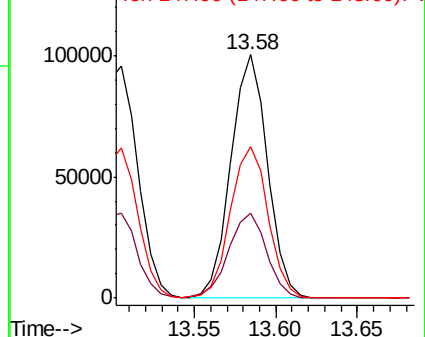
148 64.5 32.1 96.5

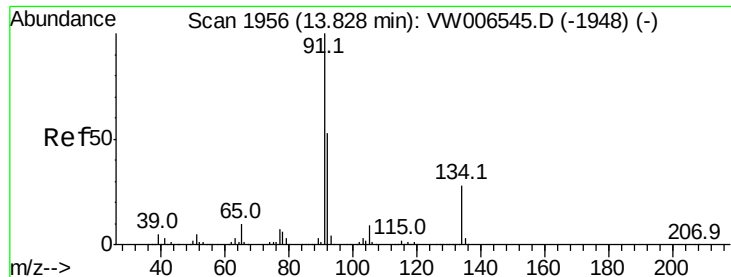


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.263 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

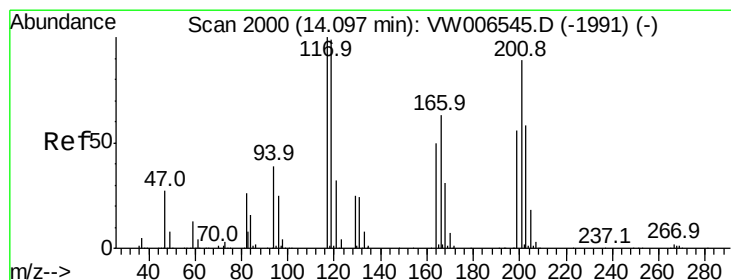
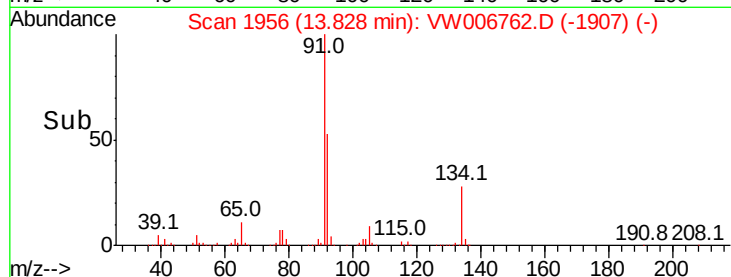
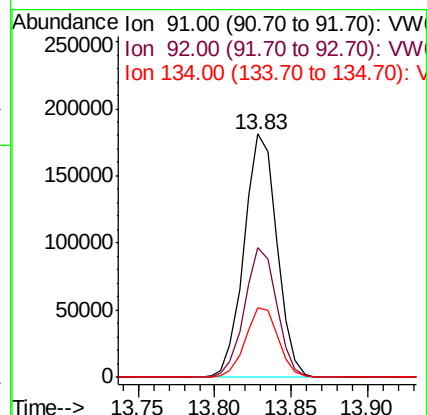
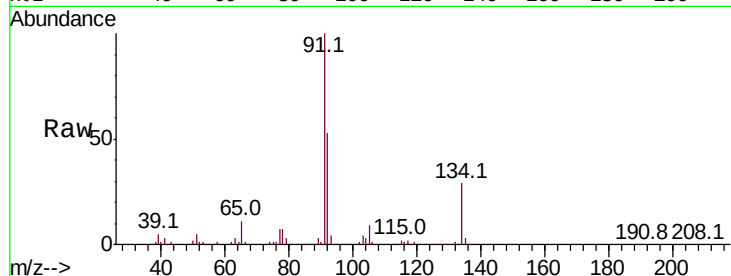
Tot Ion: 91 Resp: 270841

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

134 28.6 14.3 42.9



#90

Hexachloroethane

Concen: 21.882 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006762.D

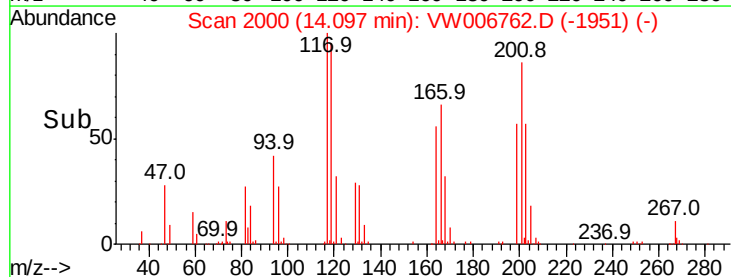
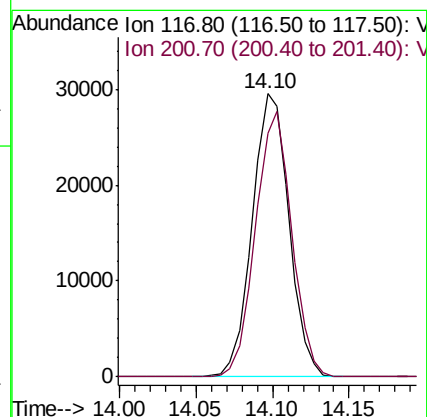
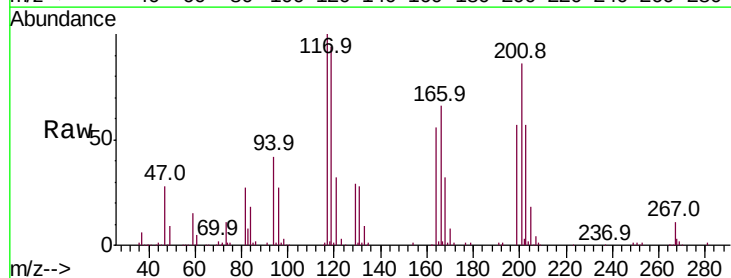
Acq: 08 Nov 2018 13:40

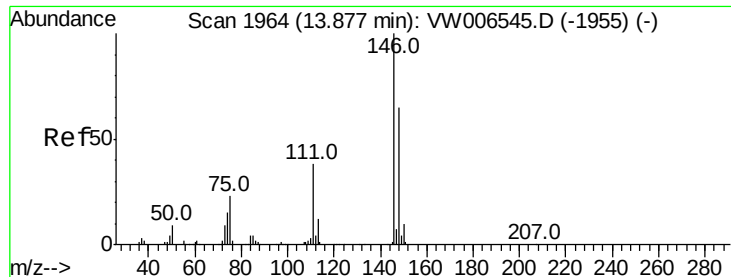
Tgt Ion: 117 Resp: 49289

Ion Ratio Lower Upper

117 100

201 92.5 46.8 140.3

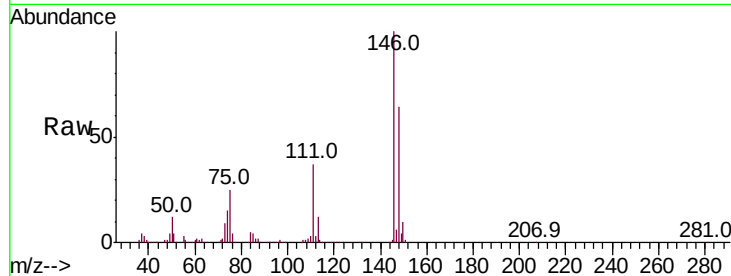




#91
 1,2-Dichlorobenzene
 Concen: 21.195 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.1	32.0	96.0

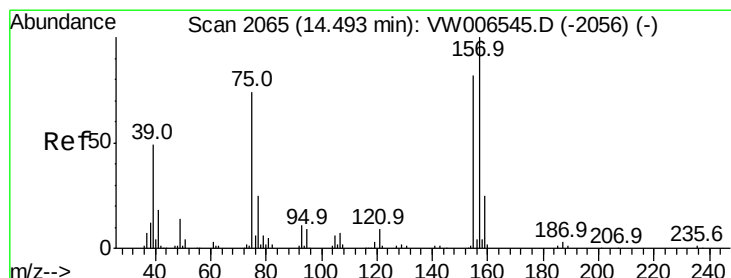
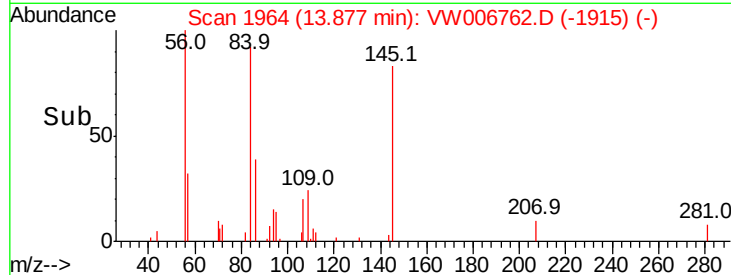
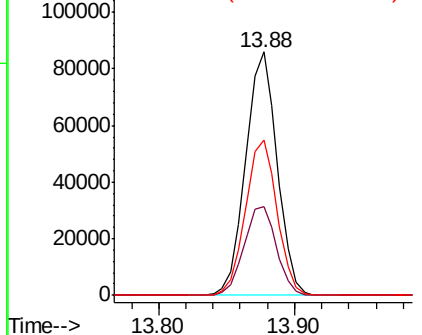


Abundance

Ion 145.90 (145.60 to 146.60): V

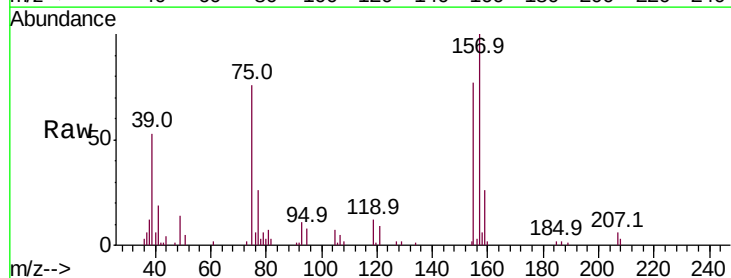
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.545 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	50.6	151.8
157	125.3	65.0	195.0

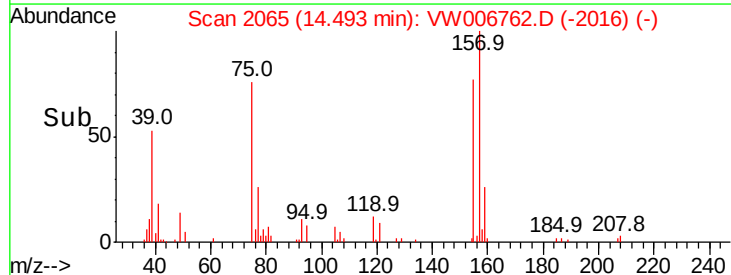
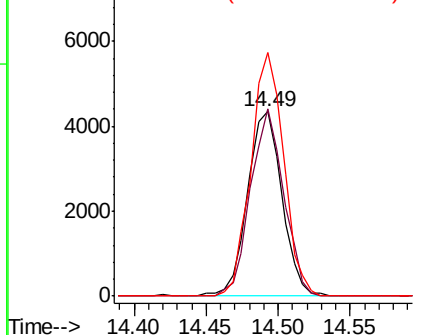


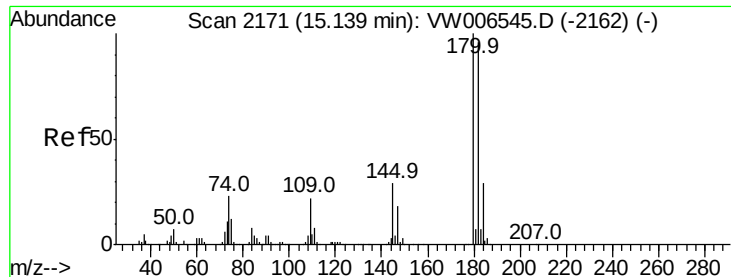
Abundance

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

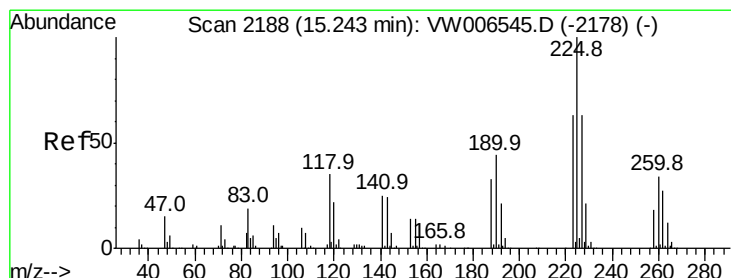
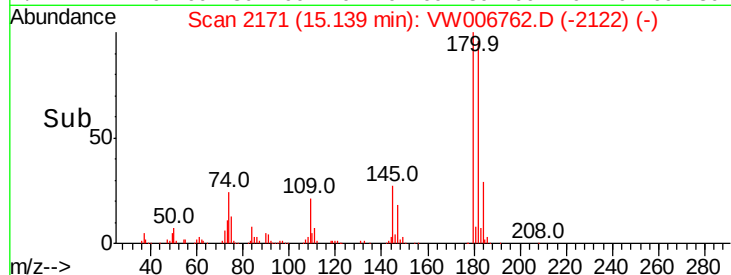
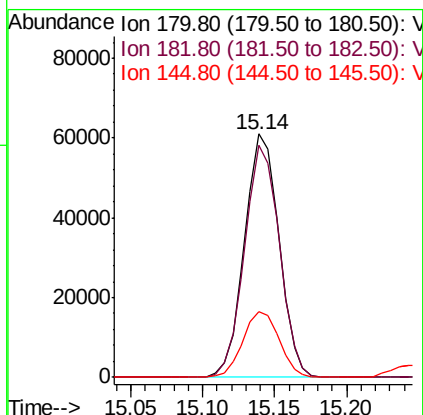
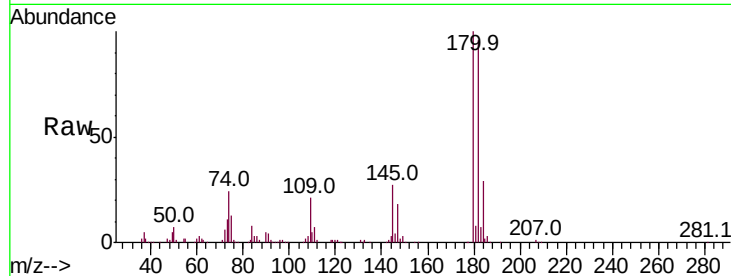




#93
1,2,4-Trichlorobenzene
Concen: 20.706 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

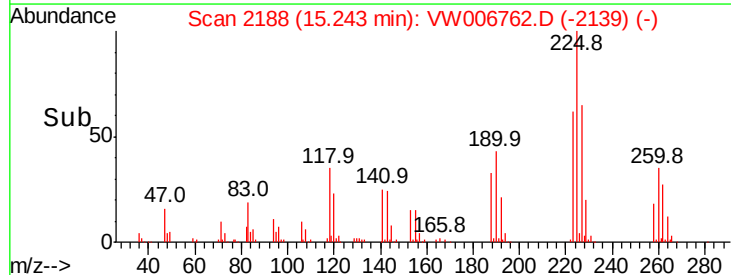
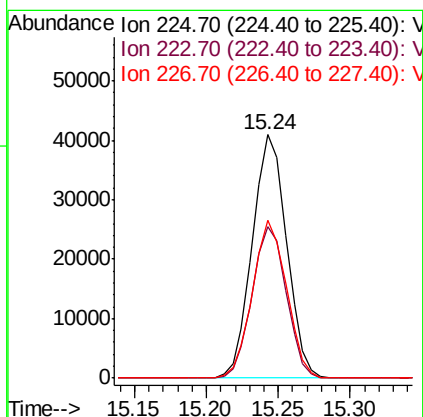
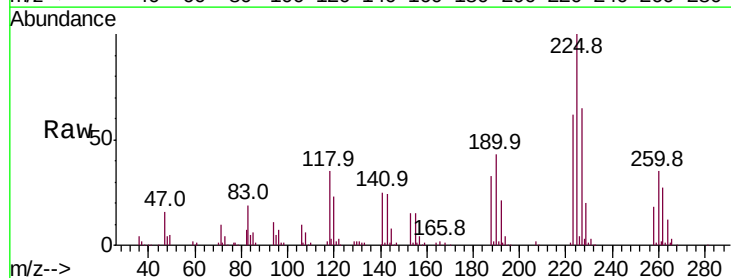
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

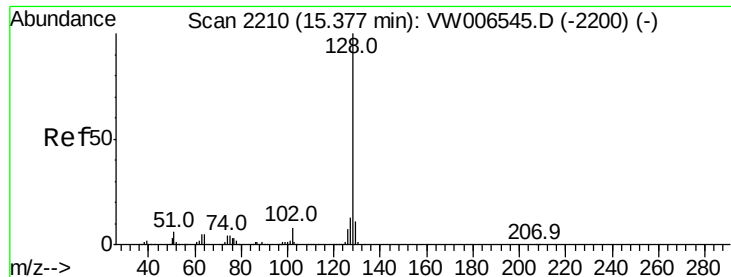
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	28.3	14.0	42.0



#94
Hexachlorobutadiene
Concen: 22.084 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.4	94.2
227	64.3	32.2	96.6

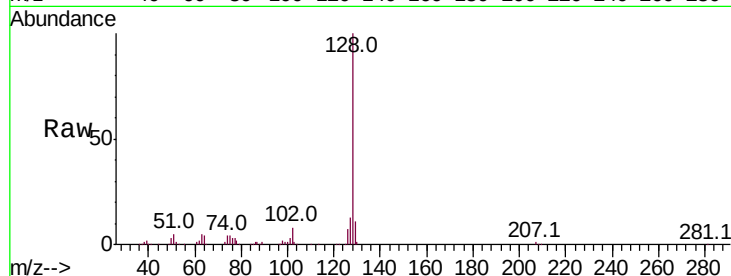




#95
Naphthalene
Concen: 19.334 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

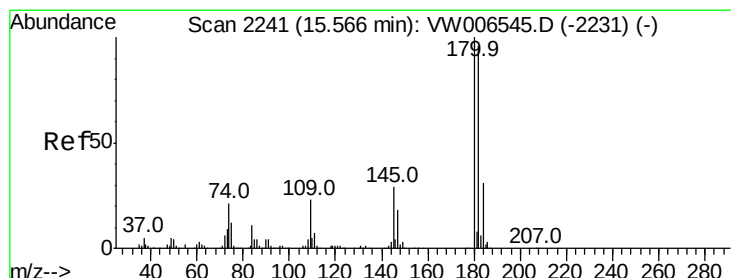
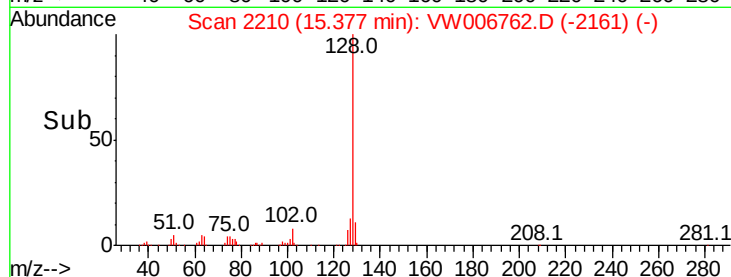
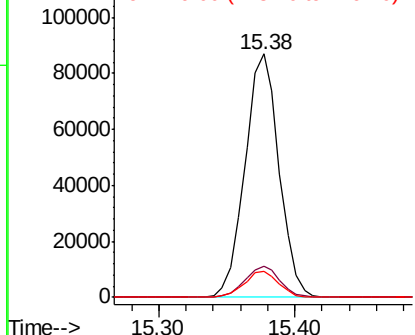


Abundance

Ion 128.00 (127.70 to 128.70): V

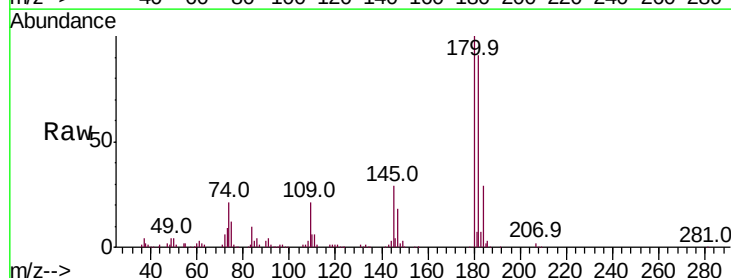
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.508 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.2	144.6
145	30.1	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

