

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003479.D
 Acq On : 24 Jun 2018 01:04
 Operator : SY/AP
 Sample : VW0623SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Quant Time: Jun 25 02:42:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	155120	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	
35) Dibromofluoromethane	7.88	113	132717	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.33	98	528810	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.63	95	191406	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20996	28.046	ug/l	97
3) Chloromethane	2.21	50	39528	20.898	ug/l	96
4) Vinyl Chloride	2.36	62	55349	20.073	ug/l	99
5) Bromomethane	2.78	94	37185	20.290	ug/l	91
6) Chloroethane	2.92	64	39386	20.521	ug/l	94
7) Trichlorofluoromethane	3.25	101	34030	20.601	ug/l	99
8) Diethyl Ether	3.68	74	27441	22.613	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47855	20.863	ug/l	100
10) Methyl Iodide	4.26	142	76747	22.123	ug/l	99
11) Tert butyl alcohol	5.25	59	19776	137.482	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	48100	21.458	ug/l	95
13) Acrolein	3.90	56	17726	86.191	ug/l	95
14) Allyl chloride	4.66	41	84372	21.730	ug/l	100
15) Acrylonitrile	5.38	53	60685	121.549	ug/l	99
16) Acetone	4.14	43	61202	108.800	ug/l	99
17) Carbon Disulfide	4.37	76	140681	21.229	ug/l	99
18) Methyl Acetate	4.68	43	32369	24.256	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	99851	23.783	ug/l	99
20) Methylene Chloride	4.90	84	58530	22.473	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53016	21.732	ug/l	97
22) Diisopropyl ether	6.32	45	178885	22.891	ug/l	98
23) Vinyl Acetate	6.26	43	517246	114.861	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104159	22.452	ug/l	98
25) 2-Butanone	7.18	43	85992	122.937	ug/l	98
26) 2,2-Dichloropropane	7.17	77	63171	20.404	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59993	22.386	ug/l	98
28) Bromochloromethane	7.51	49	41307	21.397	ug/l	98
29) Tetrahydrofuran	7.54	42	53009	123.998	ug/l	99
30) Chloroform	7.68	83	106459	22.525	ug/l	99
31) Cyclohexane	7.96	56	89181	20.577	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	83845	21.492	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80930	20.949	ug/l	100
37) Ethyl Acetate	7.26	43	37996	23.741	ug/l	99
38) Carbon Tetrachloride	8.07	117	77936	20.566	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003479.D
 Acq On : 24 Jun 2018 01:04
 Operator : SY/AP
 Sample : VW0623SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Quant Time: Jun 25 02:42:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89356	19.990	ug/l	99
40) Benzene	8.33	78	231836	21.771	ug/l	99
41) Methacrylonitrile	7.49	41	22794	23.209	ug/l	99
42) 1,2-Dichloroethane	8.40	62	74688	22.386	ug/l	99
43) Isopropyl Acetate	8.43	43	72911	22.943	ug/l	99
44) Trichloroethene	9.09	130	59423	21.059	ug/l	96
45) 1,2-Dichloropropane	9.37	63	60275	22.231	ug/l	98
46) Dibromomethane	9.46	93	31031	22.354	ug/l	97
47) Bromodichloromethane	9.65	83	75867	21.322	ug/l	97
48) Methyl methacrylate	9.44	41	34949	23.401	ug/l	98
49) 1,4-Dioxane	9.49	88	10504	501.156	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	195141	120.508	ug/l	99
52) Toluene	10.39	92	148770	21.786	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77902	21.433	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	88075	21.290	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43961	22.474	ug/l	99
56) Ethyl methacrylate	10.65	69	53209	22.401	ug/l	97
57) 1,3-Dichloropropane	10.94	76	76821	22.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122682	115.214	ug/l	98
59) 2-Hexanone	10.98	43	133343	117.873	ug/l	99
60) Dibromochloromethane	11.13	129	49993	21.491	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41462	22.408	ug/l	100
64) Tetrachloroethene	10.87	164	55848	22.612	ug/l	96
65) Chlorobenzene	11.66	112	163177	21.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	56378	20.863	ug/l	100
67) Ethyl Benzene	11.74	91	283451	20.795	ug/l	99
68) m/p-Xylenes	11.85	106	218615	42.190	ug/l	99
69) o-Xylene	12.17	106	102184	21.279	ug/l	99
70) Styrene	12.19	104	170658	21.350	ug/l	99
71) Bromoform	12.35	173	29713	21.216	ug/l #	99
73) Isopropylbenzene	12.47	105	281882	20.373	ug/l	100
74) N-amyl acetate	12.28	43	71204	22.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	51391	21.955	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	70369	41.380	ug/l #	100
77) Bromobenzene	12.76	156	66015	20.487	ug/l	94
78) n-propylbenzene	12.81	91	350046	20.662	ug/l	100
79) 2-Chlorotoluene	12.90	91	202965	21.199	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	244196	21.027	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	15284	20.681	ug/l	98
82) 4-Chlorotoluene	12.99	91	212166	20.890	ug/l	100
83) tert-Butylbenzene	13.21	119	205158	20.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	252189	21.110	ug/l	99
85) sec-Butylbenzene	13.39	105	301905	20.522	ug/l	100
86) p-Isopropyltoluene	13.51	119	264828	20.410	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137748	20.809	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	135231	20.550	ug/l	98
89) n-Butylbenzene	13.84	91	251813	19.910	ug/l	99
90) Hexachloroethane	14.10	117	48258	20.560	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	124878	21.537	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9250	23.482	ug/l	97

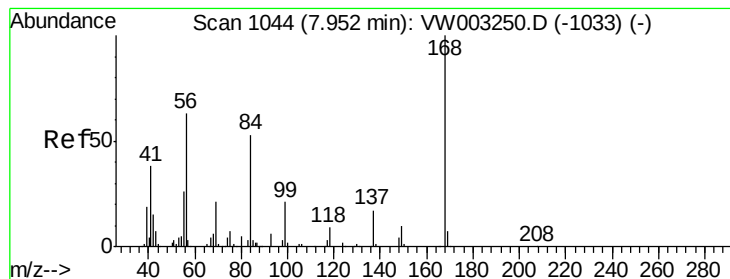
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003479.D
Acq On : 24 Jun 2018 01:04
Operator : SY/AP
Sample : VW0623SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Quant Time: Jun 25 02:42:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84469	20.751	ug/l	100
94) Hexachlorobutadiene	15.25	225	49360	20.159	ug/l	98
95) Naphthalene	15.38	128	152608	22.101	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	76049	21.225	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

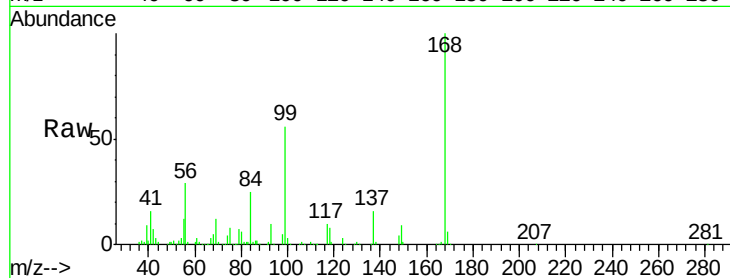
VW0623SBS02

Tgt Ion:168 Resp: 247621

Ion Ratio Lower Upper

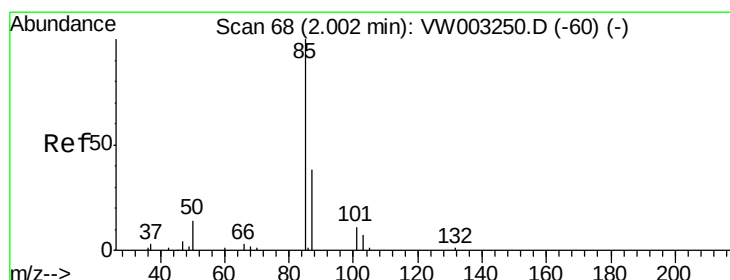
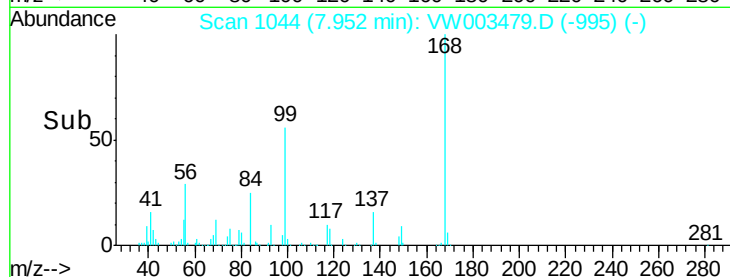
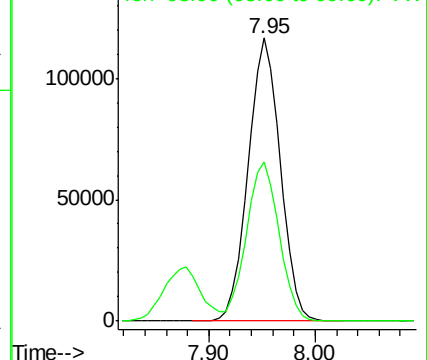
168 100

99 56.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 28.046 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003479.D

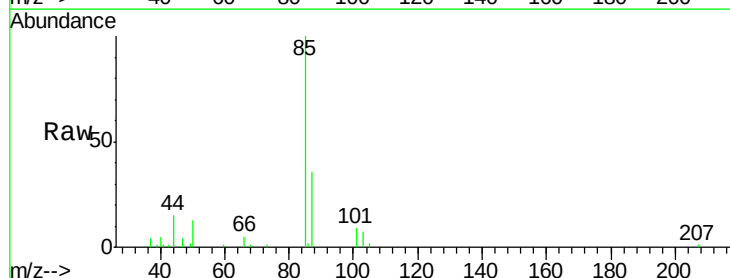
Acq: 24 Jun 2018 01:04

Tgt Ion: 85 Resp: 20996

Ion Ratio Lower Upper

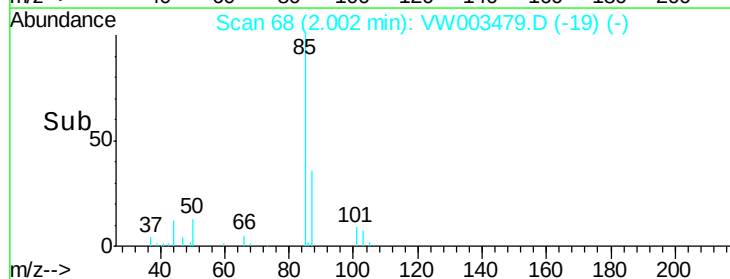
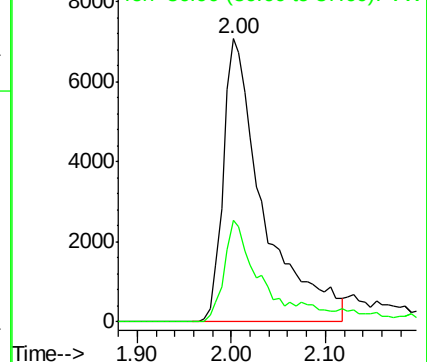
85 100

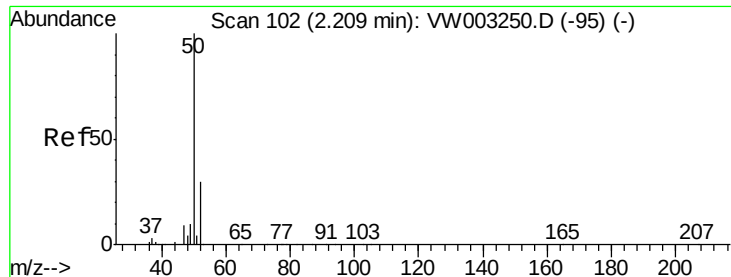
87 35.7 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.898 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

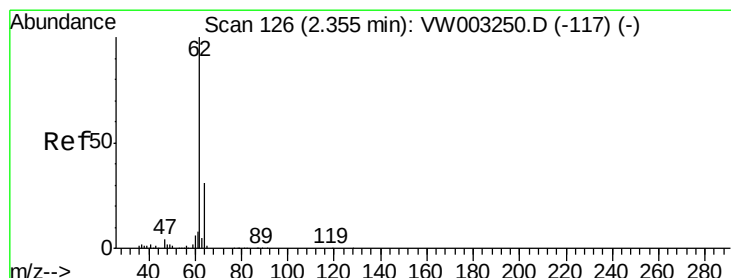
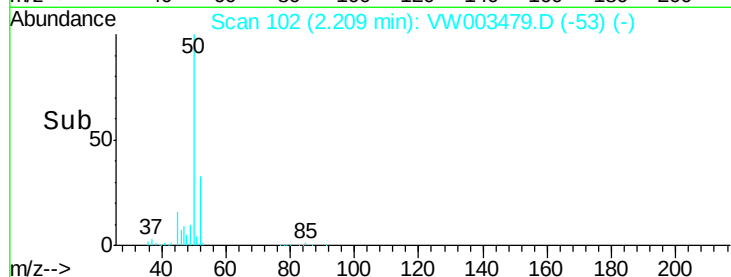
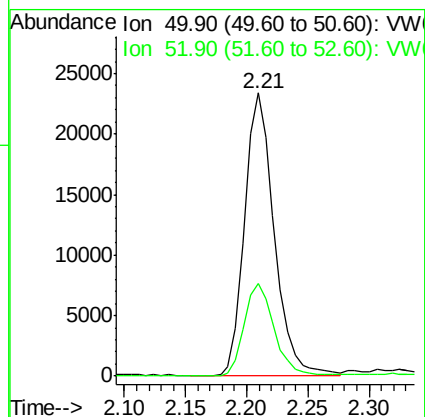
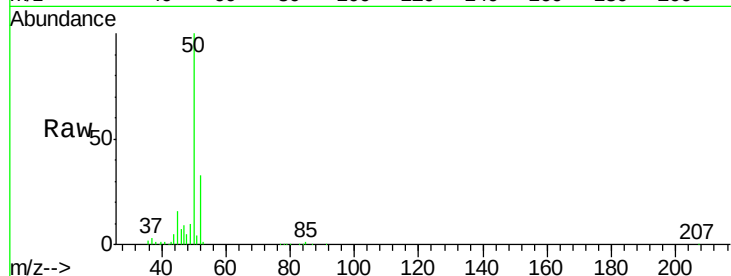
VW0623SBS02

Tgt Ion: 50 Resp: 39528

Ion Ratio Lower Upper

50 100

52 32.6 24.2 36.2



#4

Vinyl Chloride

Concen: 20.073 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003479.D

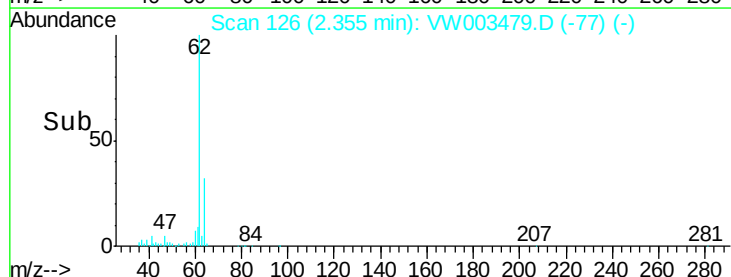
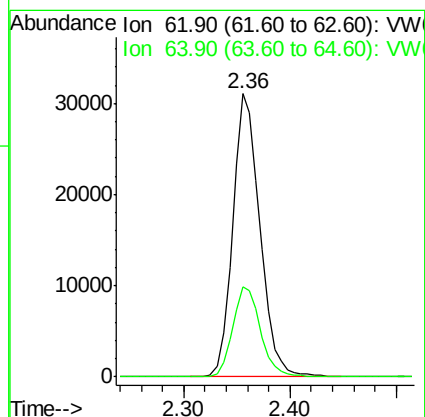
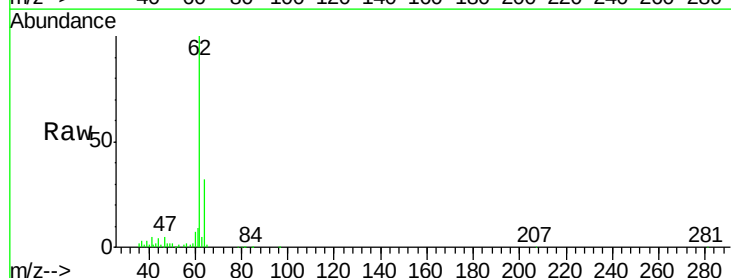
Acq: 24 Jun 2018 01:04

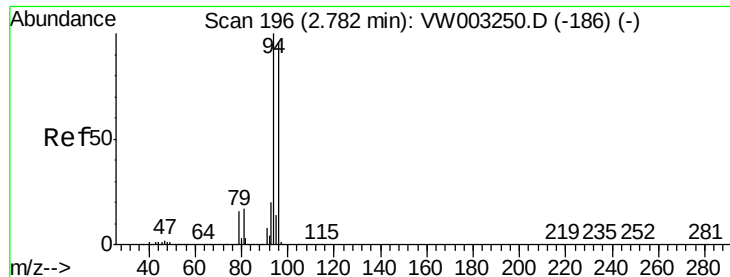
Tgt Ion: 62 Resp: 55349

Ion Ratio Lower Upper

62 100

64 31.8 24.9 37.3





#5

Bromomethane

Concen: 20.290 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

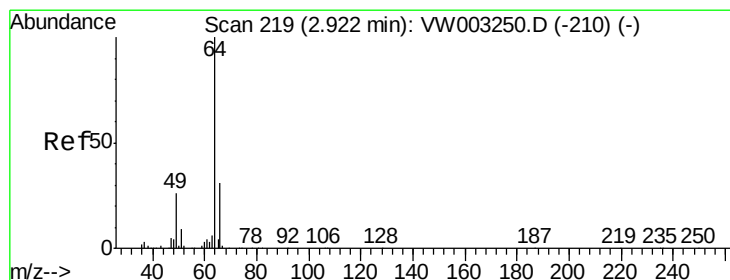
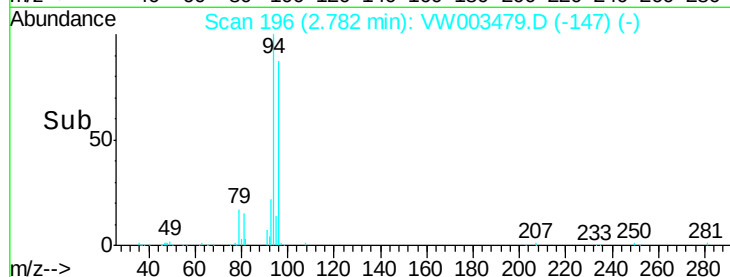
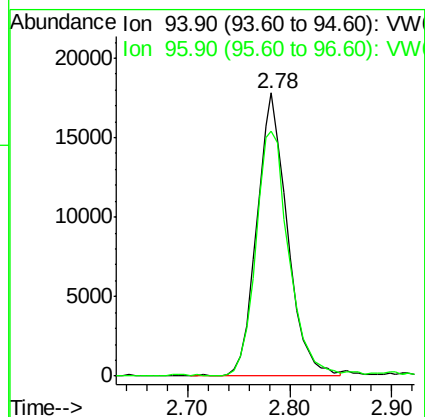
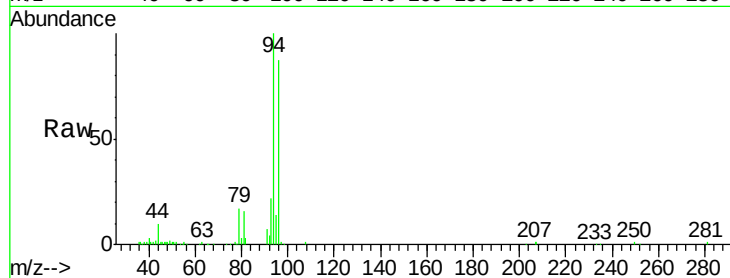
VW0623SBS02

Tgt Ion: 94 Resp: 37185

Ion Ratio Lower Upper

94 100

96 86.4 76.5 114.7



#6

Chloroethane

Concen: 20.521 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003479.D

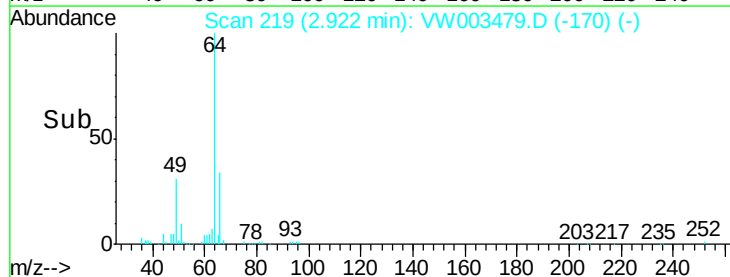
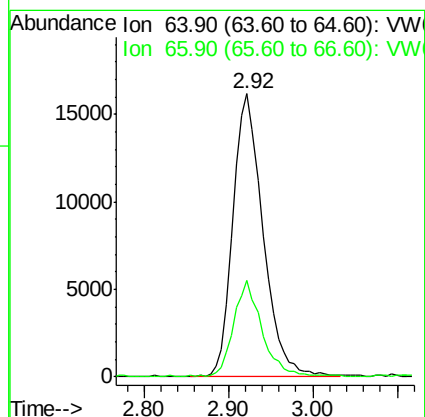
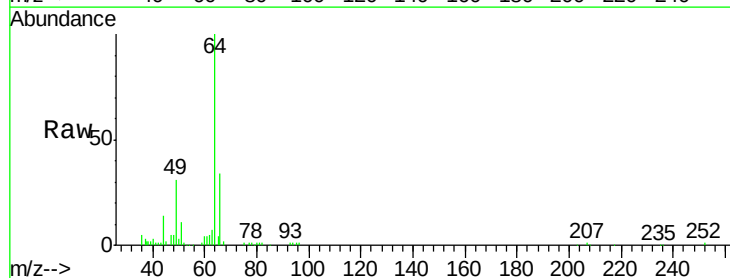
Acq: 24 Jun 2018 01:04

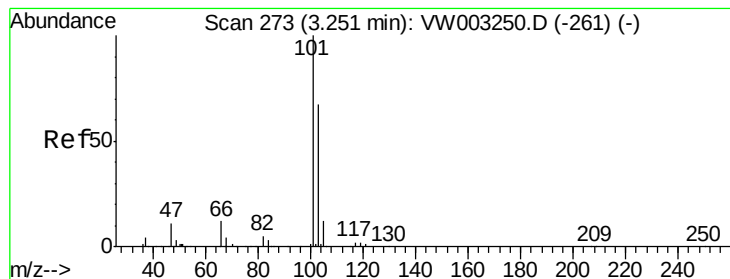
Tgt Ion: 64 Resp: 39386

Ion Ratio Lower Upper

64 100

66 33.8 24.4 36.6



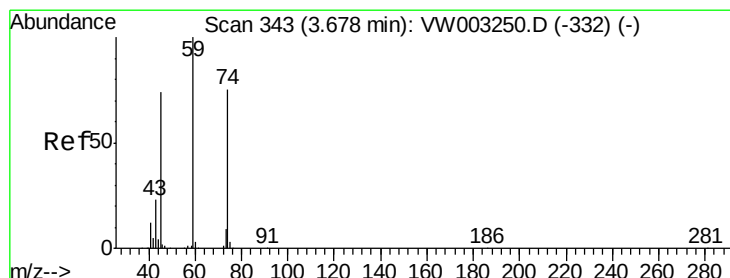
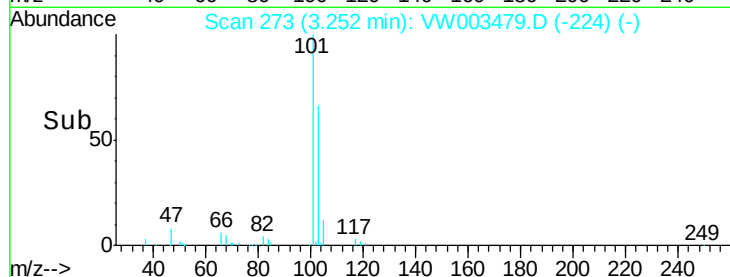
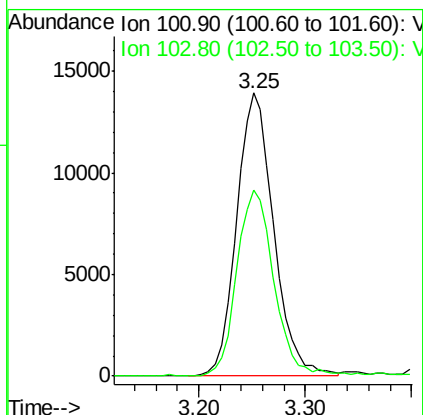
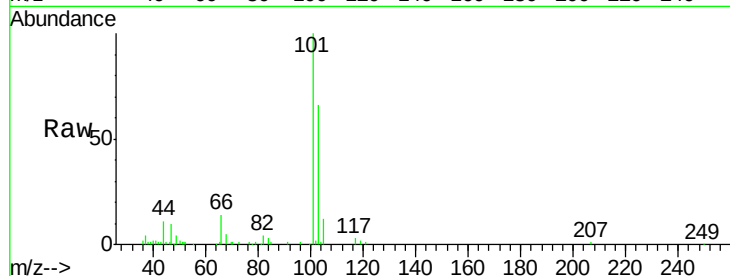


#7

Trichlorofluoromethane
Concen: 20.601 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

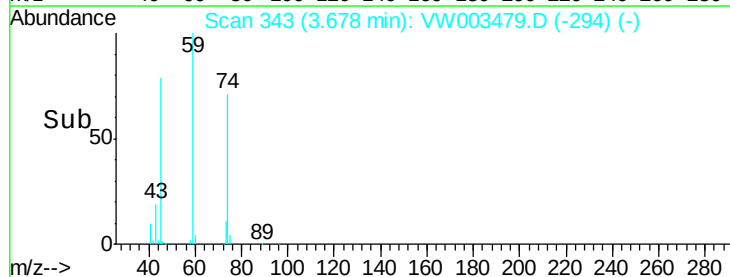
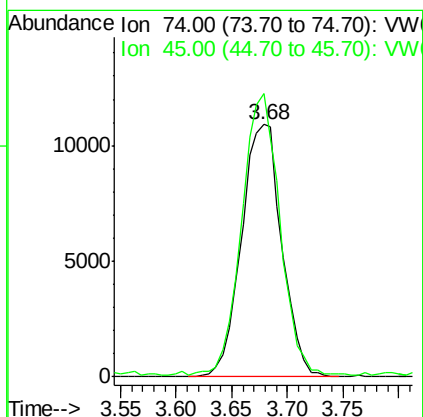
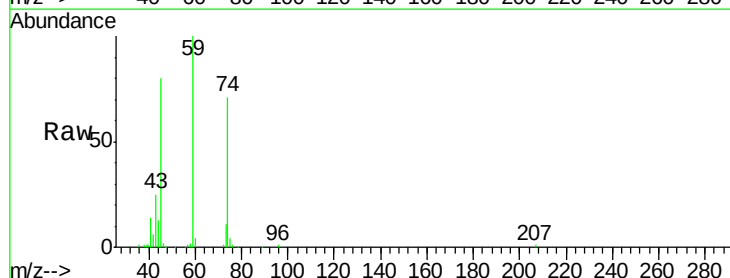
Tgt Ion:101 Resp: 34030
Ion Ratio Lower Upper
101 100
103 65.7 53.4 80.0

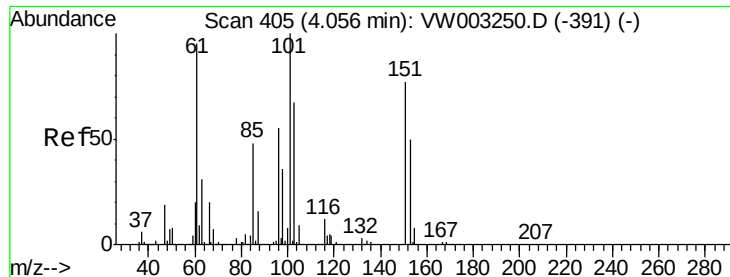


#8

Diethyl Ether
Concen: 22.613 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 74 Resp: 27441
Ion Ratio Lower Upper
74 100
45 106.0 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.863 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

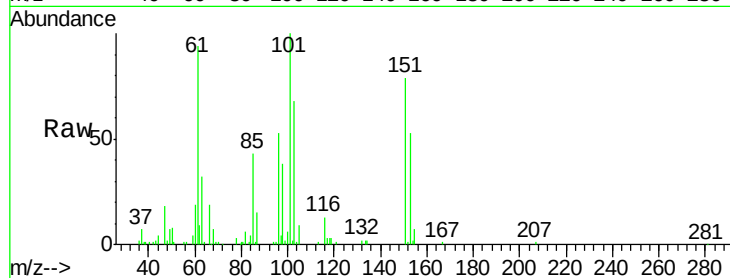
Tgt Ion:101 Resp: 47855

Ion Ratio Lower Upper

101 100

85 46.4 37.0 55.6

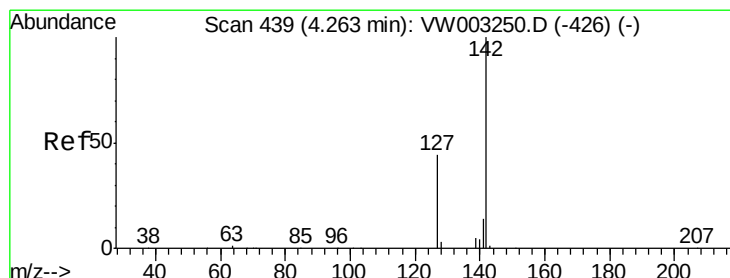
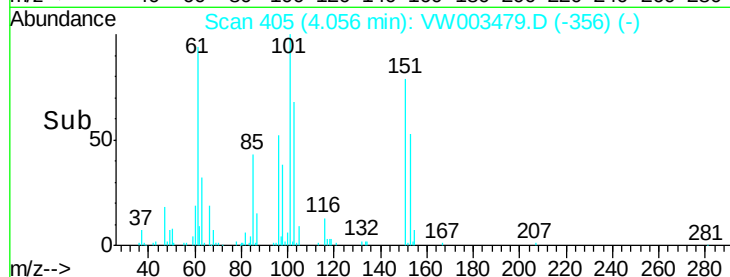
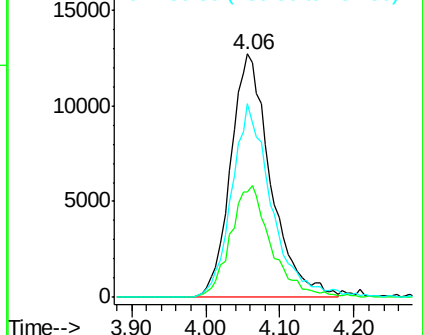
151 79.3 63.3 94.9



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: 22.123 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

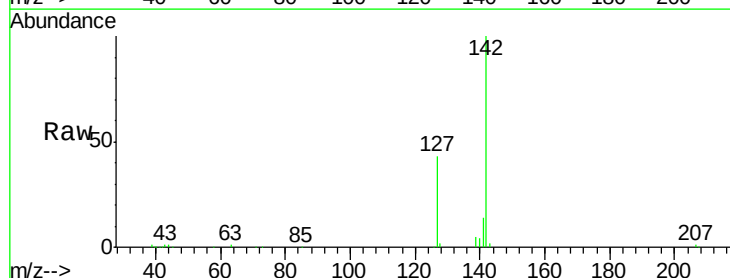
Tgt Ion:142 Resp: 76747

Ion Ratio Lower Upper

142 100

127 46.3 36.5 54.7

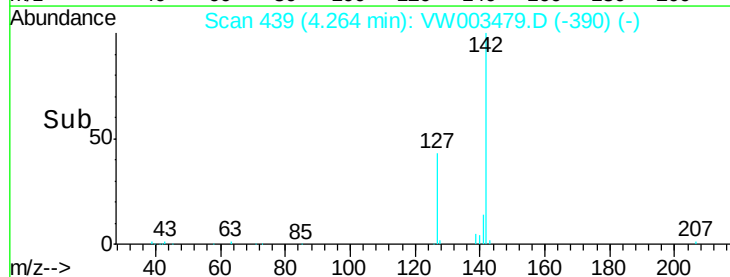
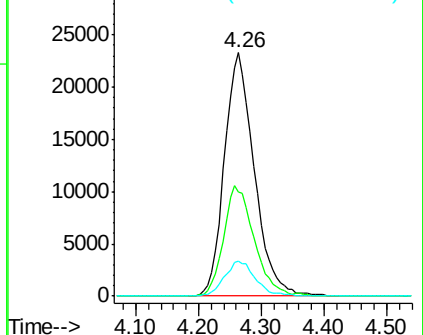
141 14.7 12.1 18.1

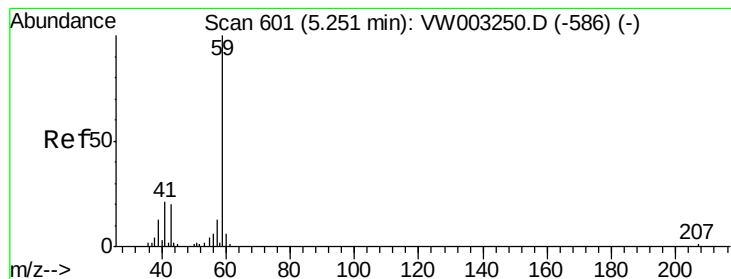


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



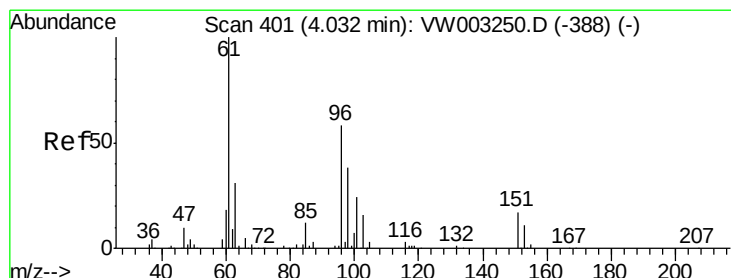
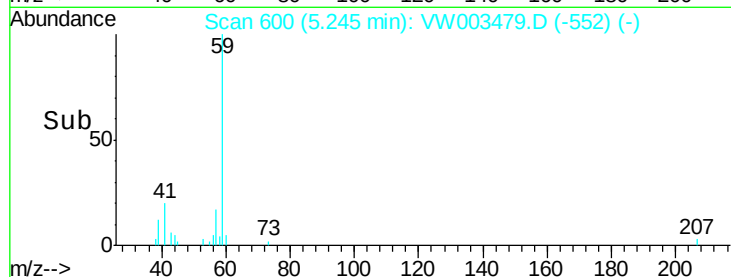
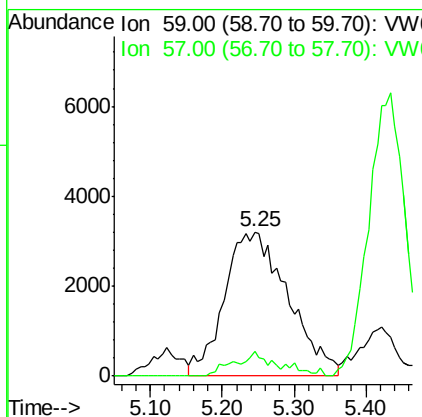
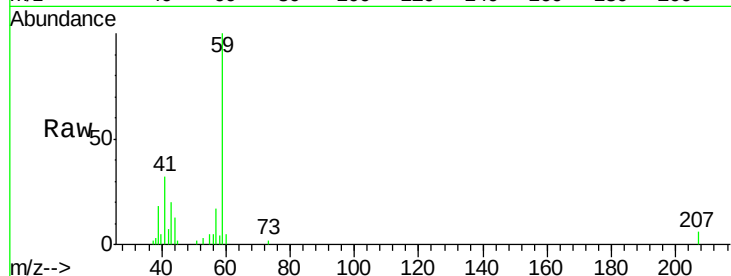


#11

Tert butyl alcohol
 Concen: 137.482 ug/l
 RT: 5.25 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

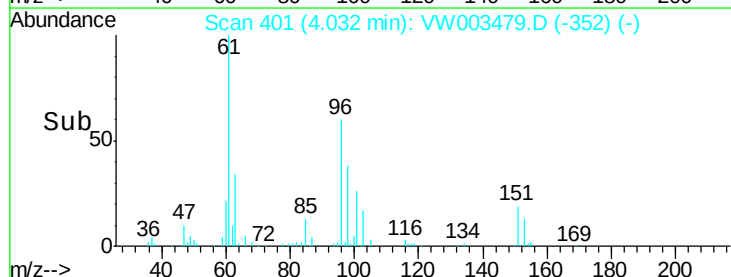
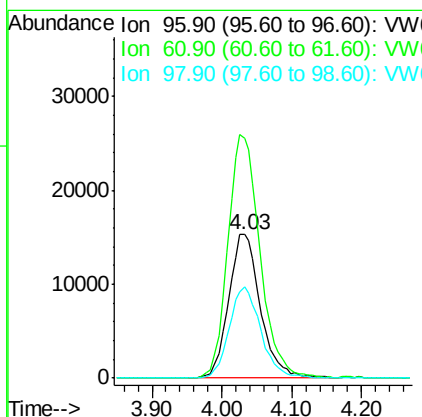
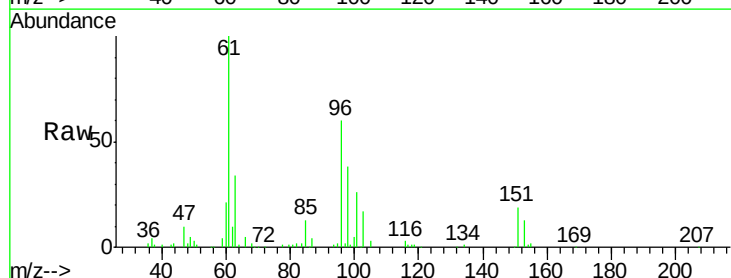
Tgt Ion: 59 Resp: 19776
 Ion Ratio Lower Upper
 59 100
 57 3.7 4.2 6.2#

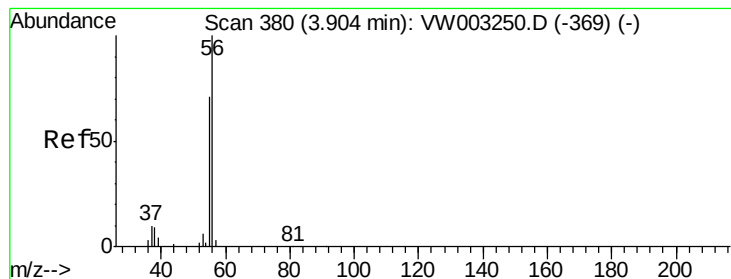


#12

1,1-Dichloroethene
 Concen: 21.458 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 96 Resp: 48100
 Ion Ratio Lower Upper
 96 100
 61 167.0 139.0 208.4
 98 63.6 53.3 79.9





#13

Acrolein

Concen: 86.191 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

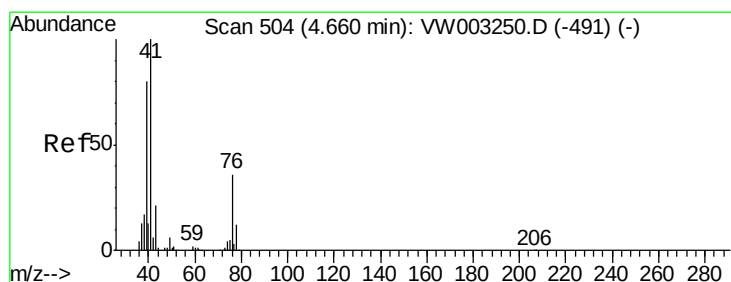
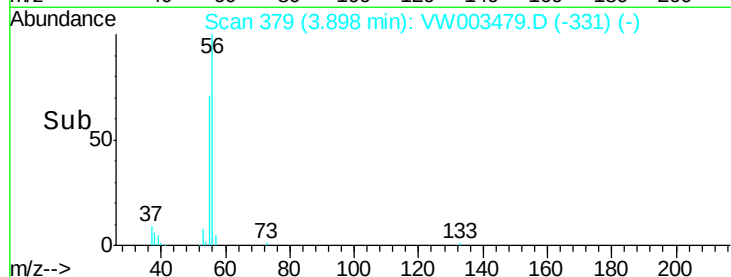
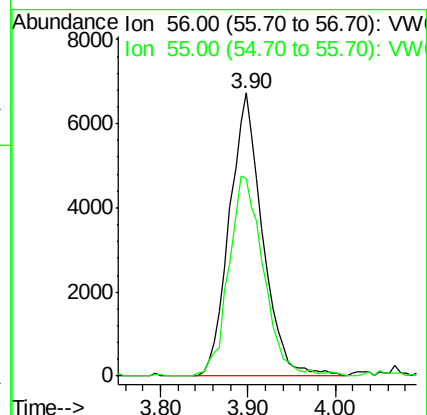
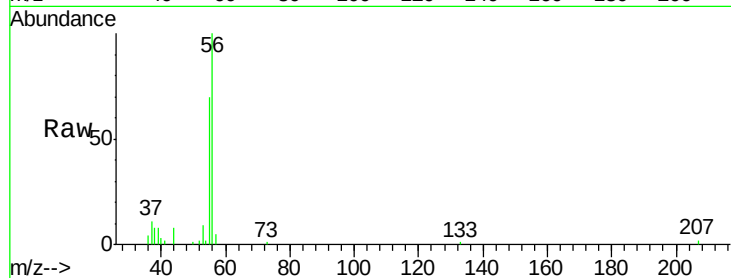
VW0623SBS02

Tgt Ion: 56 Resp: 17726

Ion Ratio Lower Upper

56 100

55 73.7 55.4 83.2



#14

Allyl chloride

Concen: 21.730 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

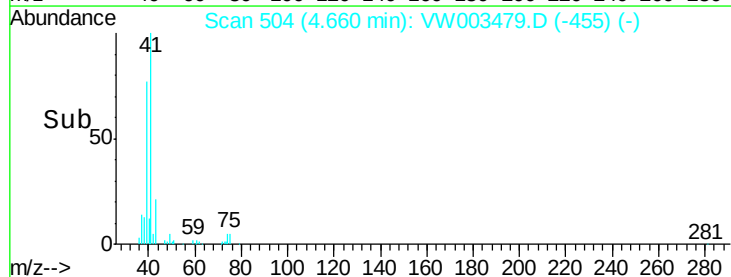
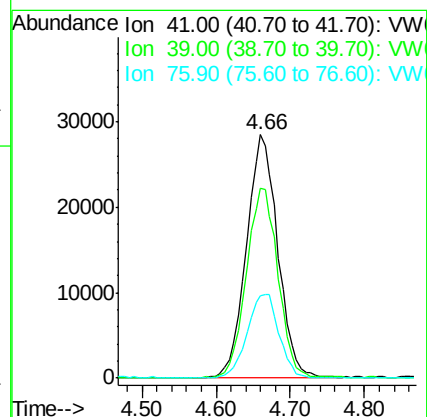
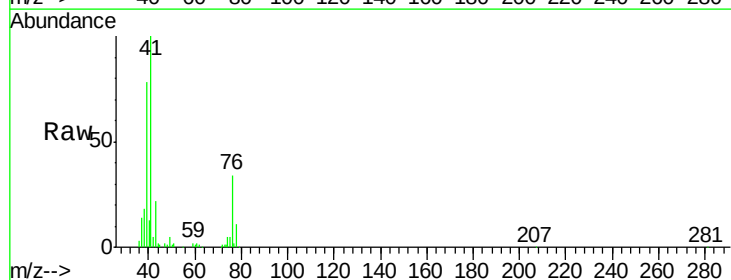
Tgt Ion: 41 Resp: 84372

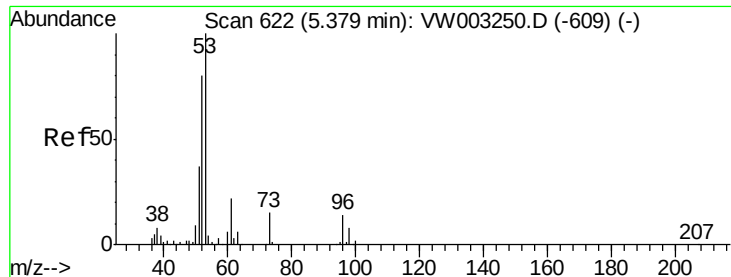
Ion Ratio Lower Upper

41 100

39 78.7 63.2 94.8

76 34.8 28.0 42.0





#15

Acrylonitrile

Concen: 121.549 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

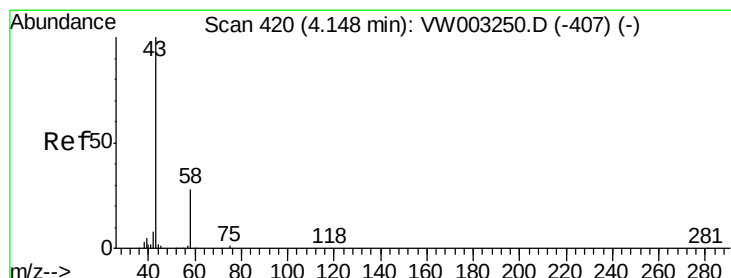
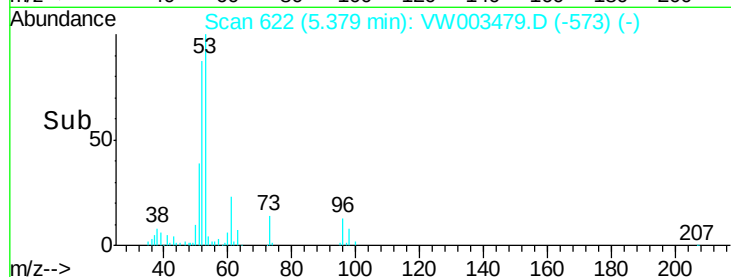
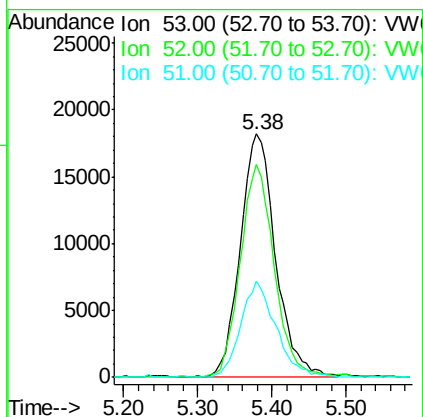
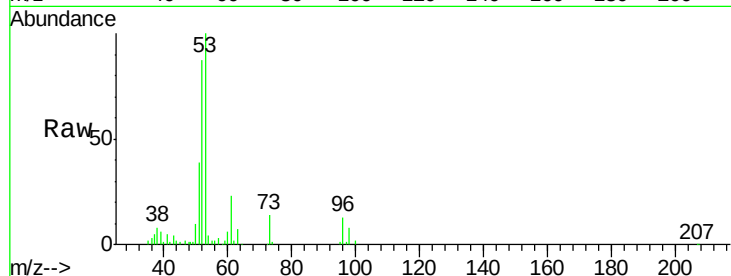
Tgt Ion: 53 Resp: 60685

Ion Ratio Lower Upper

53 100

52 83.9 66.6 100.0

51 39.4 30.6 46.0



#16

Acetone

Concen: 108.800 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003479.D

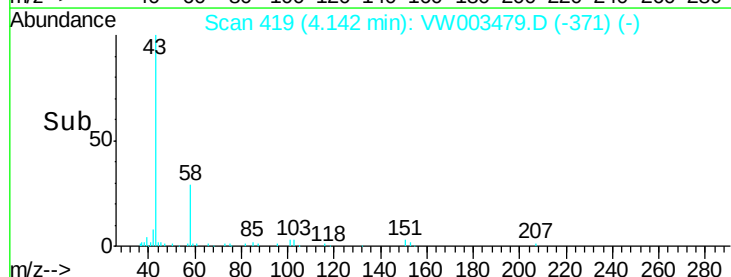
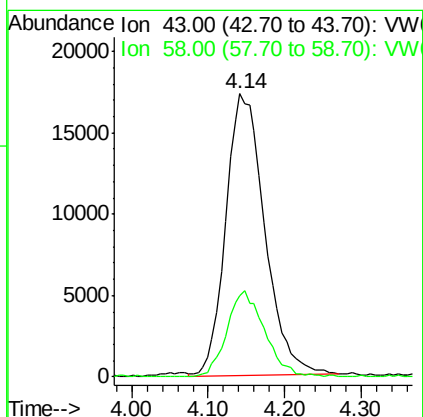
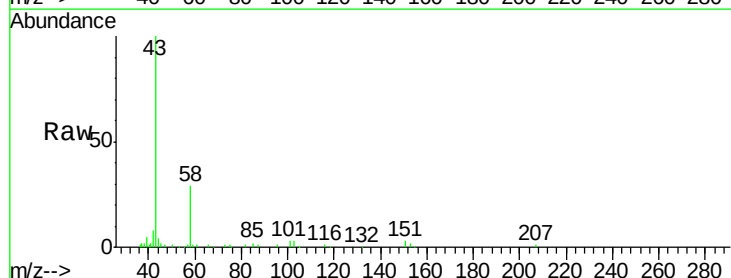
Acq: 24 Jun 2018 01:04

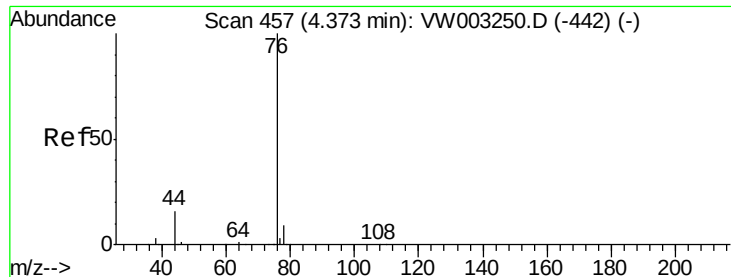
Tgt Ion: 43 Resp: 61202

Ion Ratio Lower Upper

43 100

58 29.0 22.6 34.0





#17

Carbon Disulfide

Concen: 21.229 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

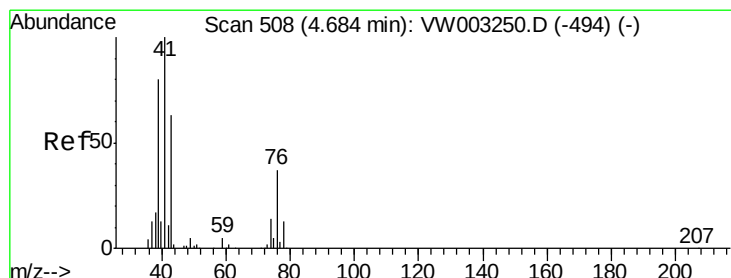
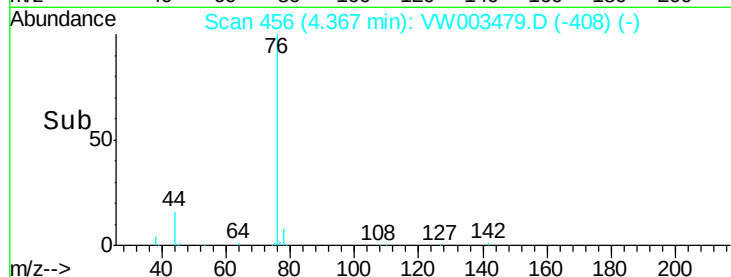
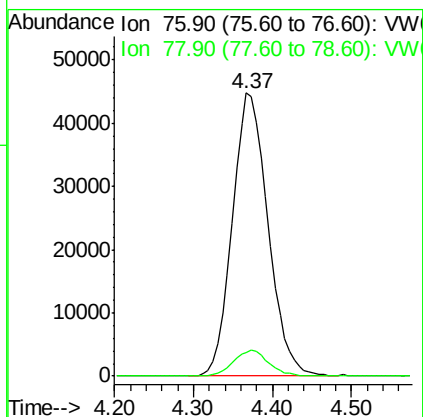
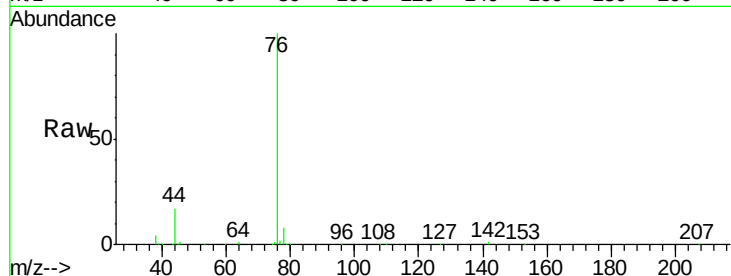
VW0623SBS02

Tgt Ion: 76 Resp: 140681

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



#18

Methyl Acetate

Concen: 24.256 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003479.D

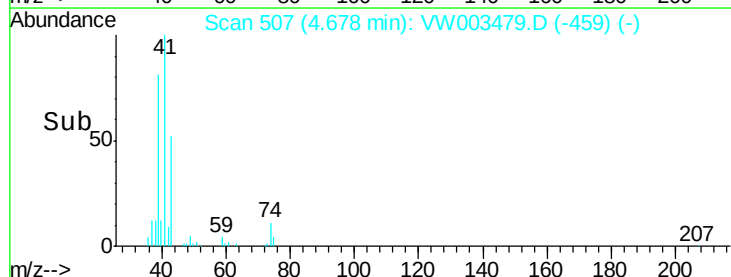
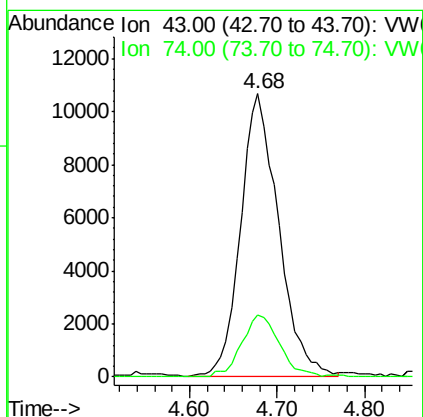
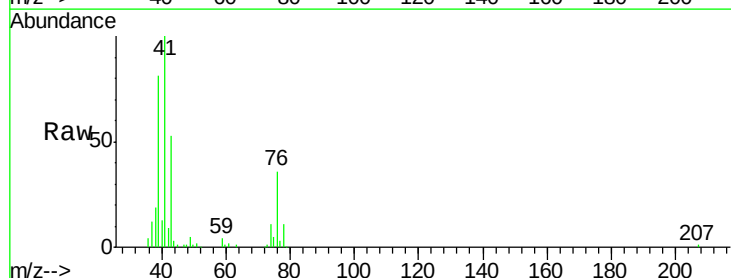
Acq: 24 Jun 2018 01:04

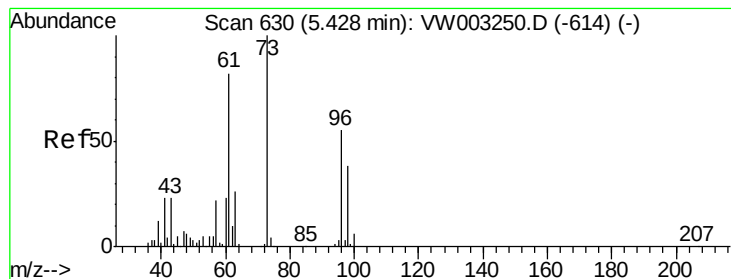
Tgt Ion: 43 Resp: 32369

Ion Ratio Lower Upper

43 100

74 21.4 18.7 28.1





#19

Methyl tert-butyl Ether

Concen: 23.783 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

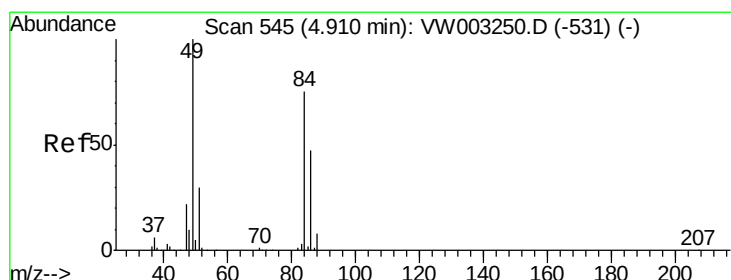
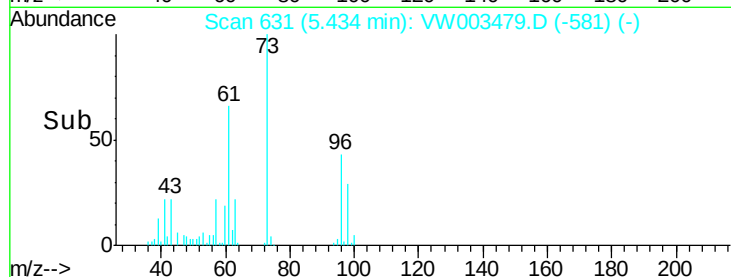
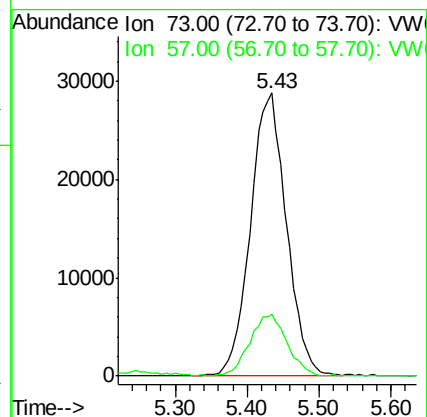
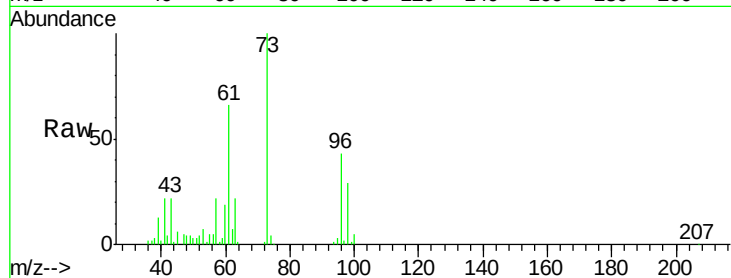
VW0623SBS02

Tgt Ion: 73 Resp: 99851

Ion Ratio Lower Upper

73 100

57 21.9 18.0 27.0



#20

Methylene Chloride

Concen: 22.473 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion: 84 Resp: 58530

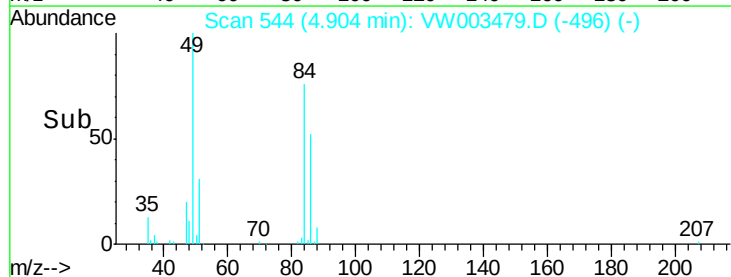
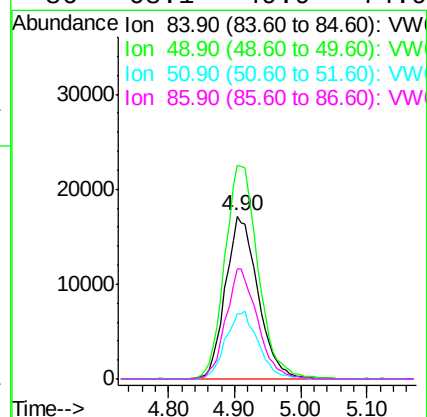
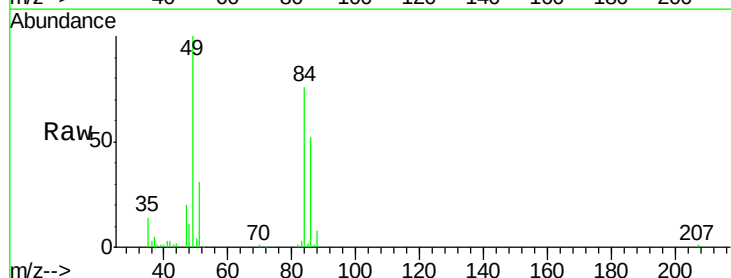
Ion Ratio Lower Upper

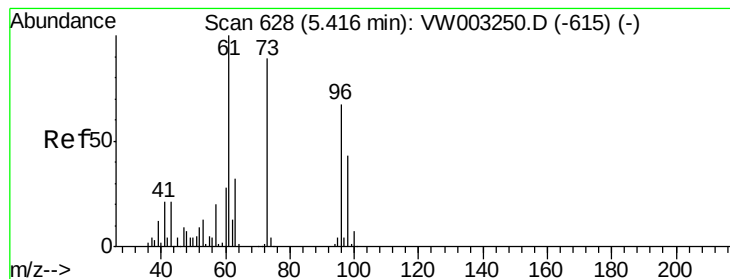
84 100

49 131.4 106.3 159.5

51 40.2 32.0 48.0

86 68.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.732 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

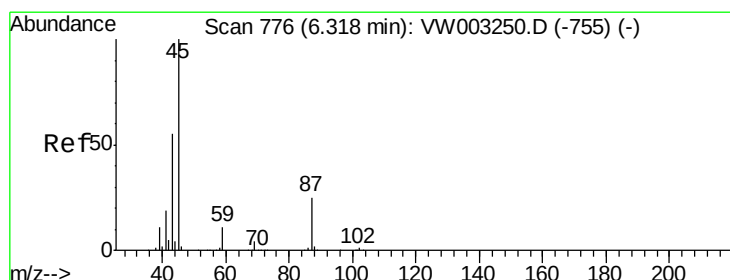
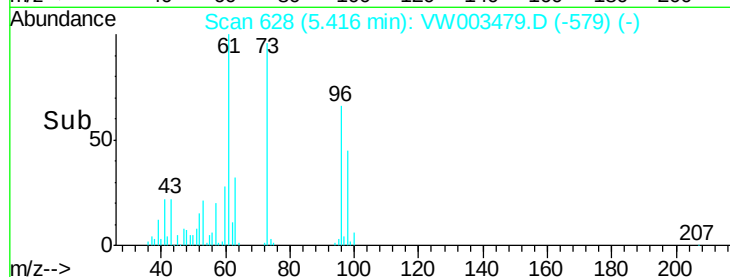
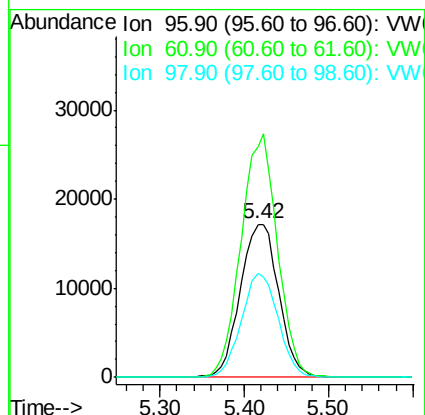
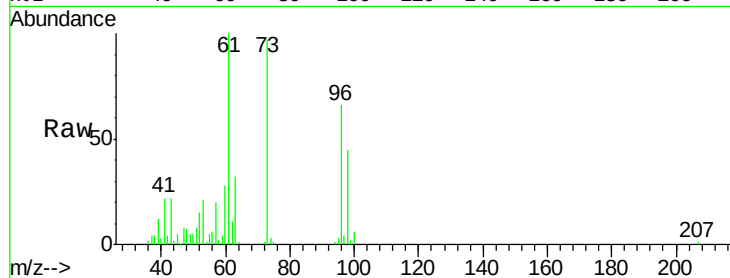
Tgt Ion: 96 Resp: 53016

Ion Ratio Lower Upper

96 100

61 150.6 118.7 178.1

98 67.7 51.0 76.6



#22

Diisopropyl ether

Concen: 22.891 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion: 45 Resp: 178885

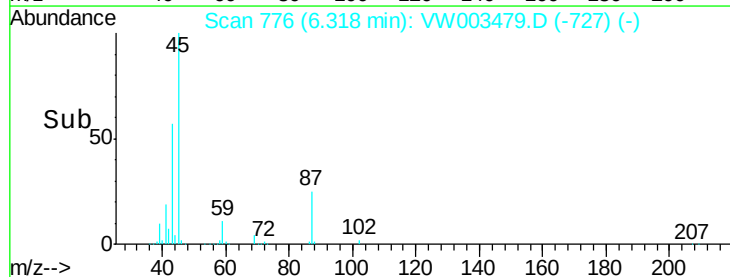
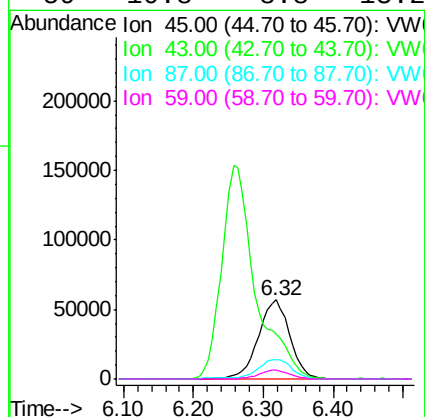
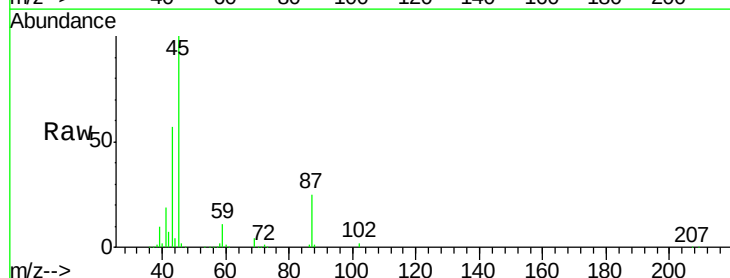
Ion Ratio Lower Upper

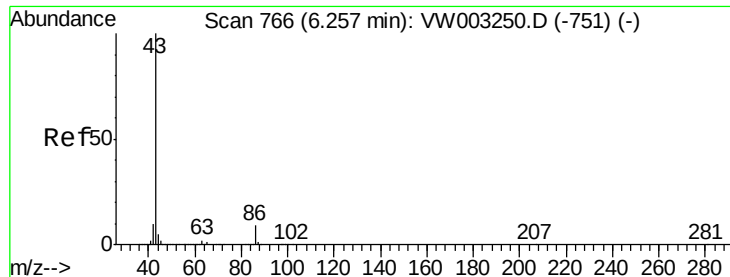
45 100

43 56.7 44.0 66.0

87 25.1 20.6 31.0

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 114.861 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

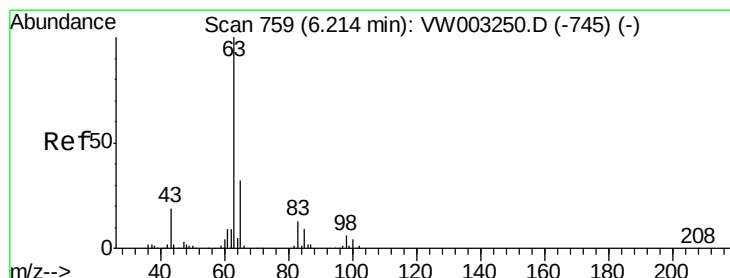
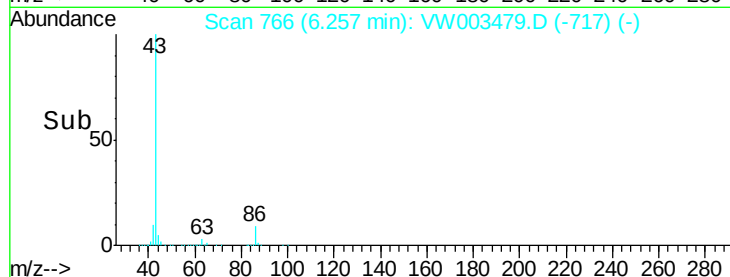
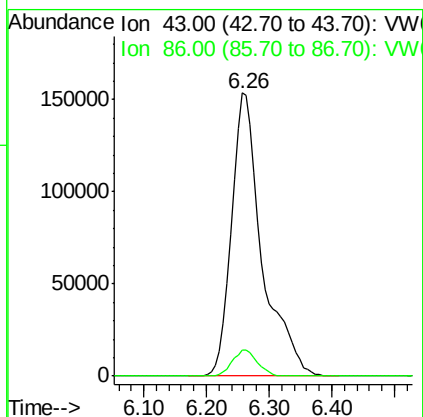
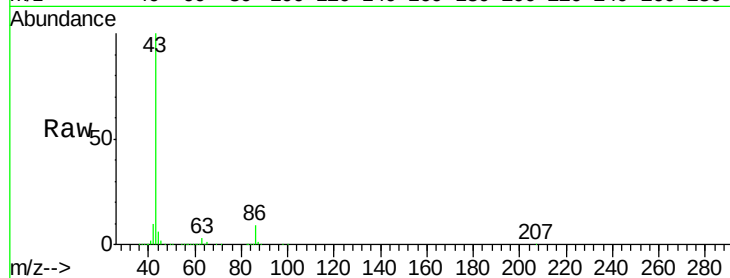
VW0623SBS02

Tgt Ion: 43 Resp: 517246

Ion Ratio Lower Upper

43 100

86 9.2 7.5 11.3



#24

1,1-Dichloroethane

Concen: 22.452 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

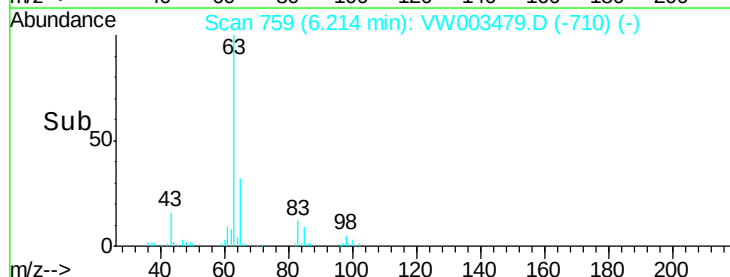
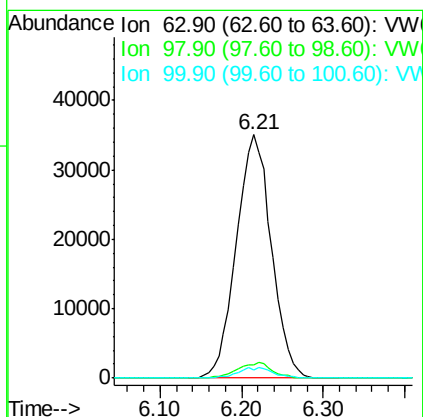
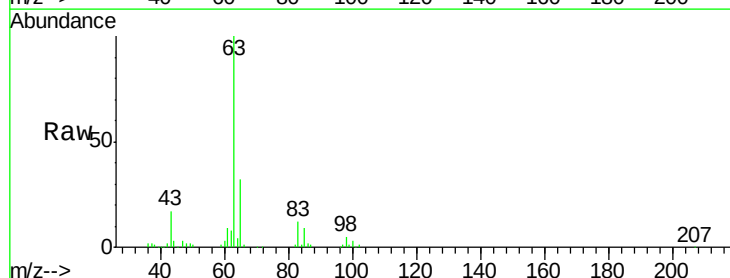
Tgt Ion: 63 Resp: 104159

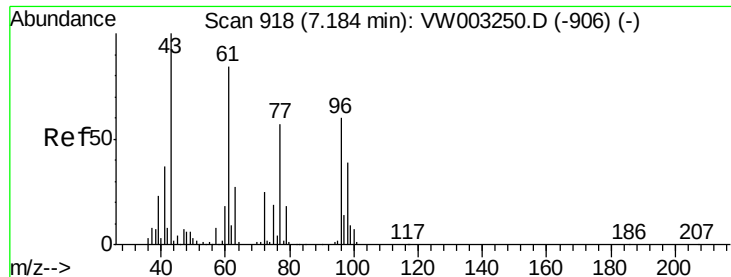
Ion Ratio Lower Upper

63 100

98 5.3 2.8 8.3

100 3.1 2.1 6.5





#25

2-Butanone

Concen: 122.937 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

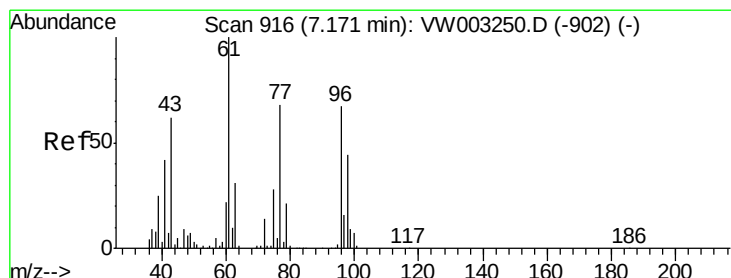
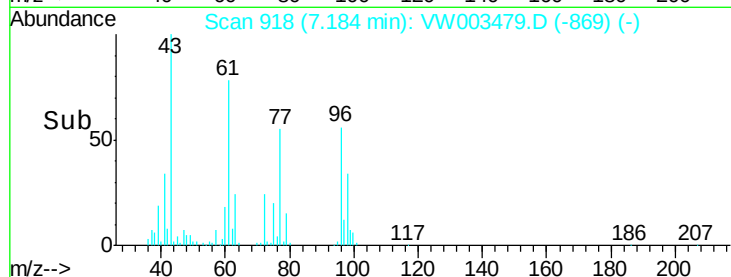
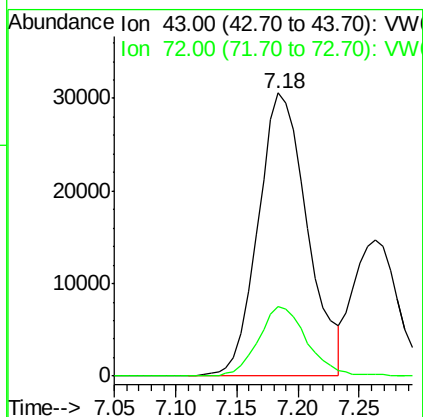
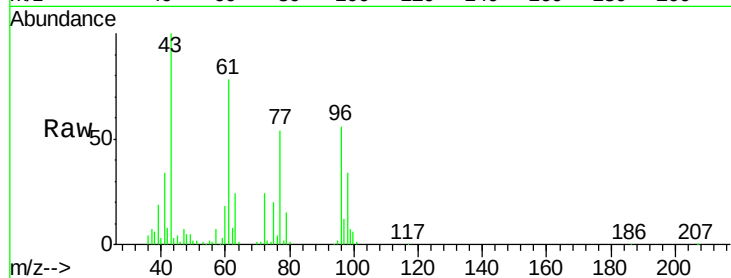
VW0623SBS02

Tgt Ion: 43 Resp: 85992

Ion Ratio Lower Upper

43 100

72 24.4 20.3 30.5



#26

2,2-Dichloropropane

Concen: 20.404 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003479.D

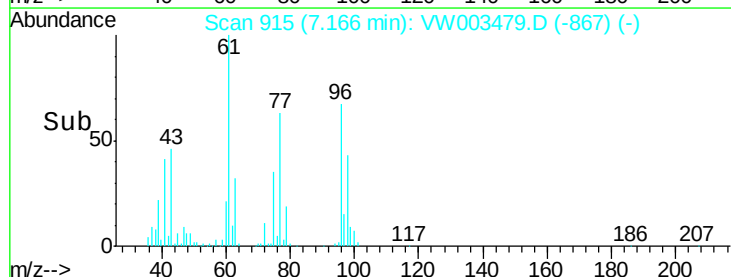
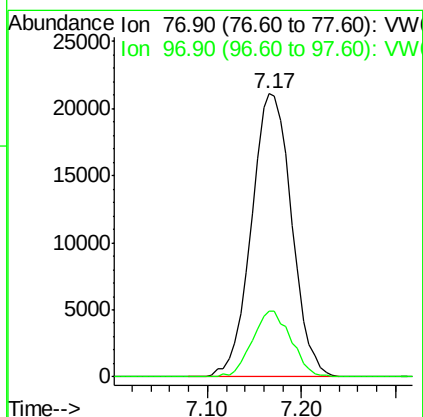
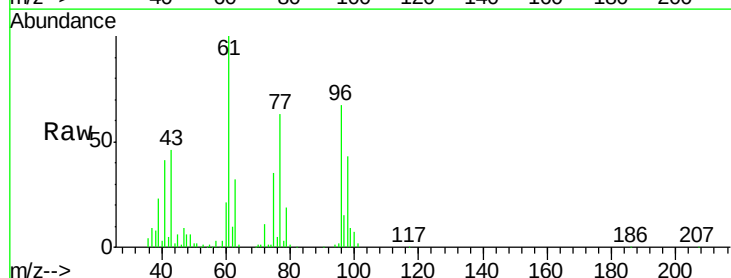
Acq: 24 Jun 2018 01:04

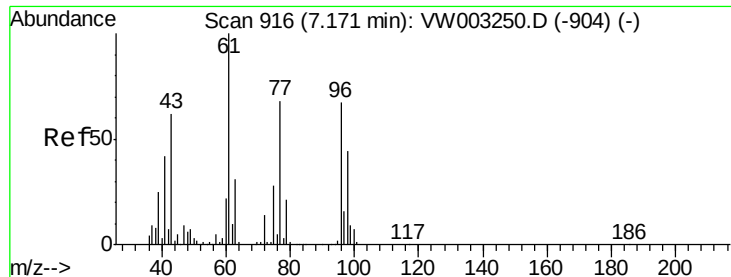
Tgt Ion: 77 Resp: 63171

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



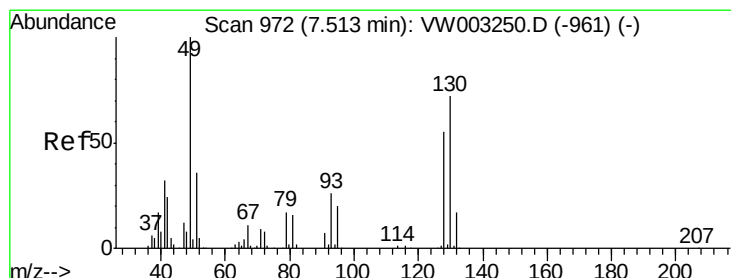
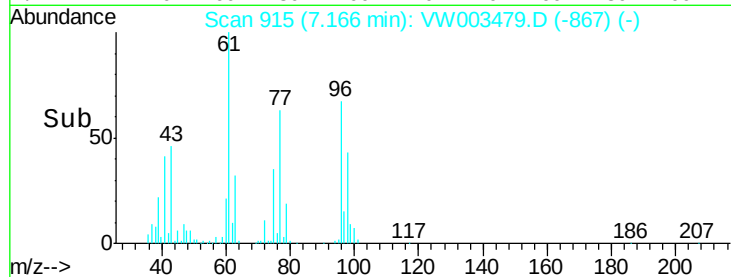
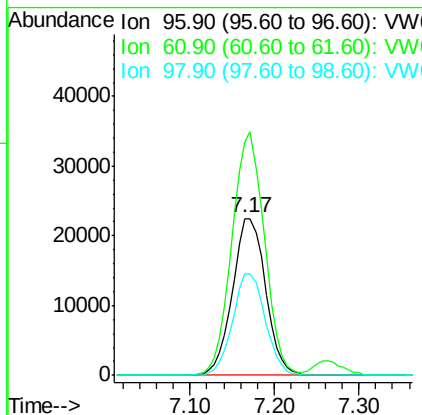
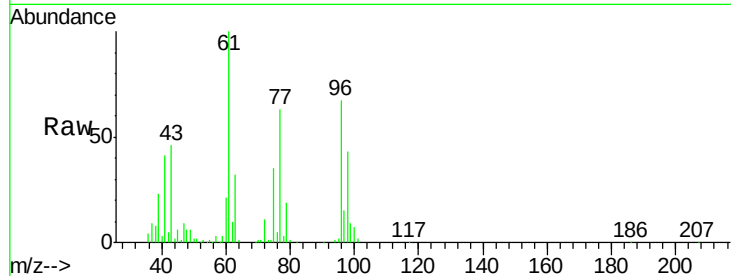


#27

cis-1,2-Dichloroethene
 Concen: 22.386 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

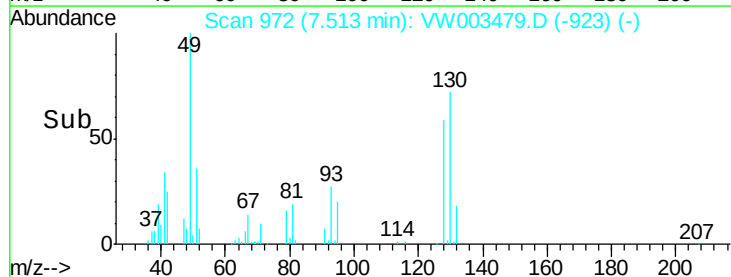
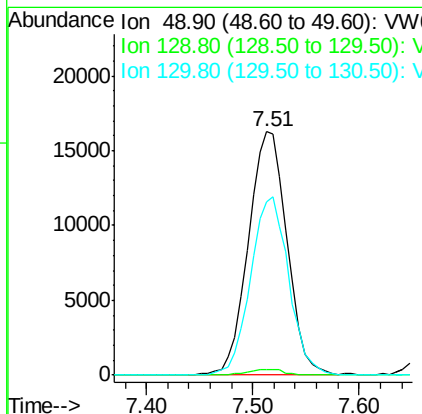
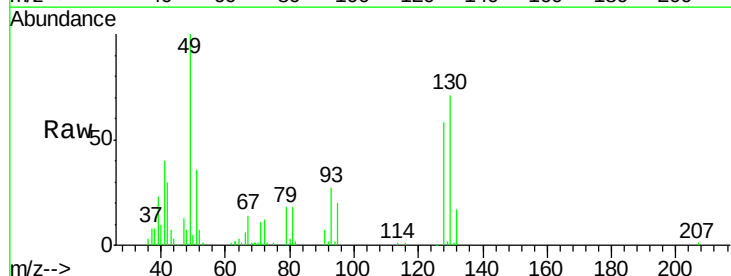
Tgt Ion: 96 Resp: 59993
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 298.8
 98 63.7 0.0 130.4

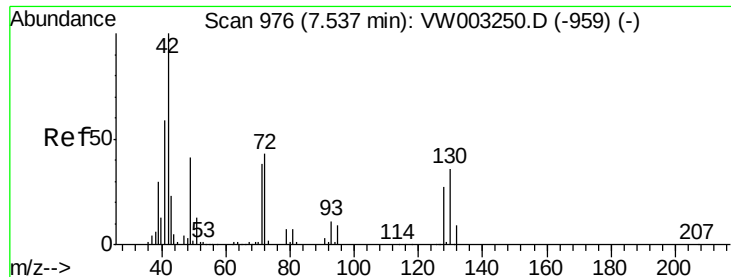


#28

Bromochloromethane
 Concen: 21.397 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 49 Resp: 41307
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 72.5 59.4 89.2

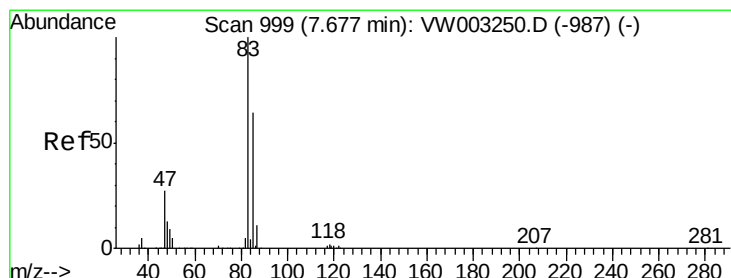
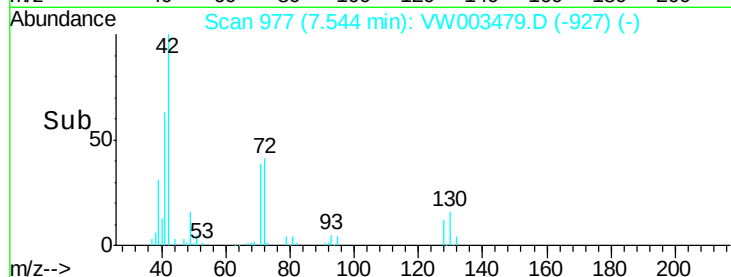
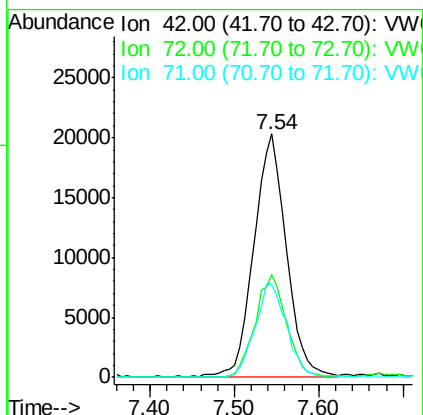
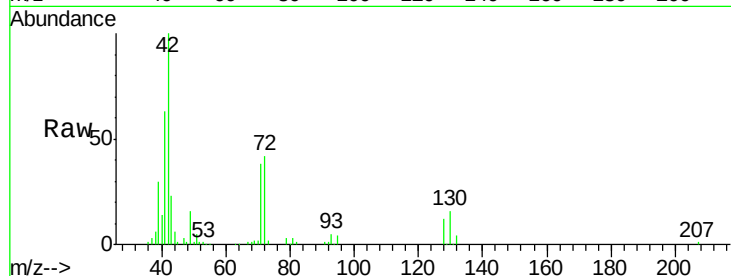




#29
Tetrahydrofuran
Concen: 123.998 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

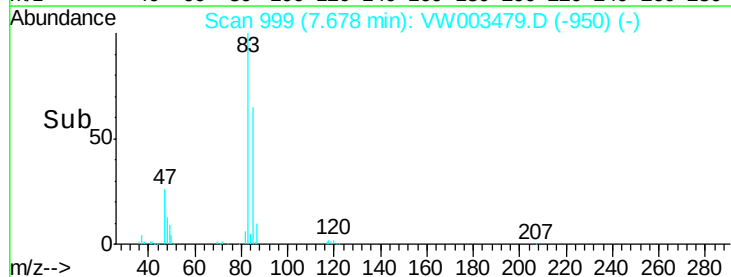
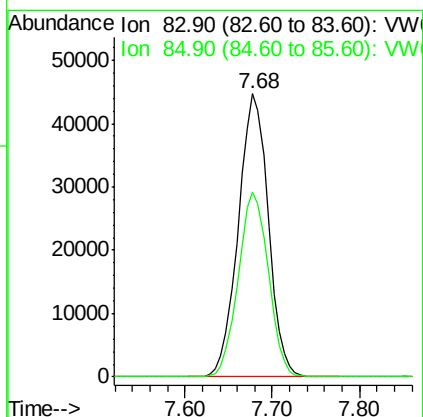
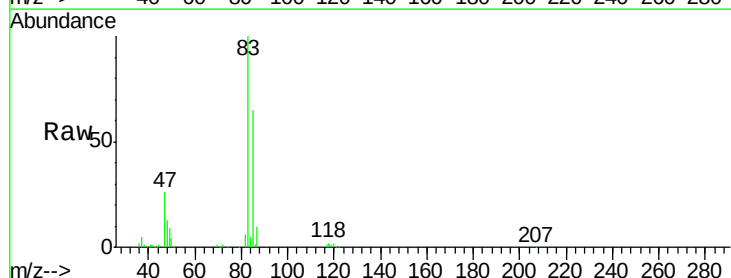
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

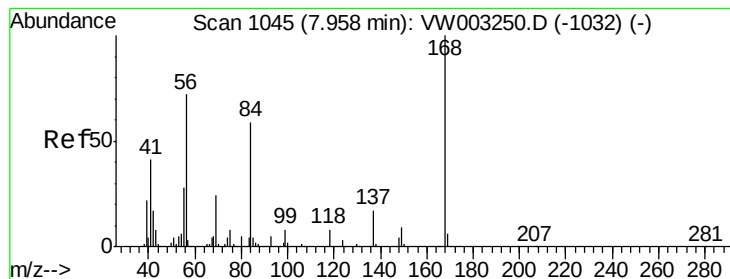
Tgt Ion: 42 Resp: 53009
Ion Ratio Lower Upper
42 100
72 41.0 32.4 48.6
71 38.6 31.2 46.8



#30
Chloroform
Concen: 22.525 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 83 Resp: 106459
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9





#31

Cyclohexane

Concen: 20.577 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

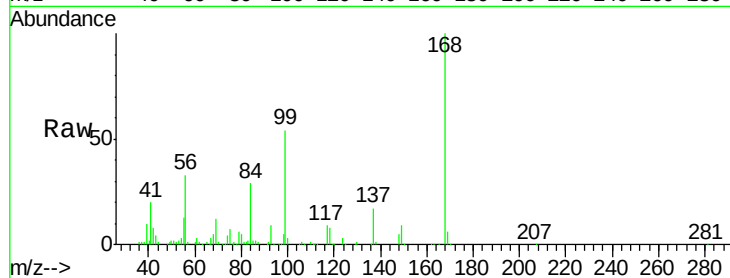
Tgt Ion: 56 Resp: 89181

Ion Ratio Lower Upper

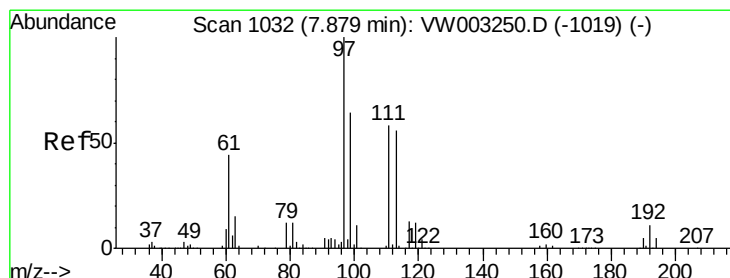
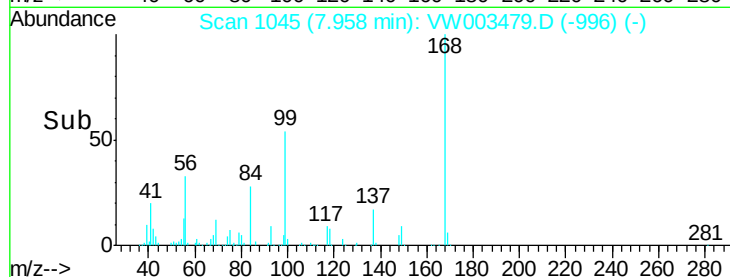
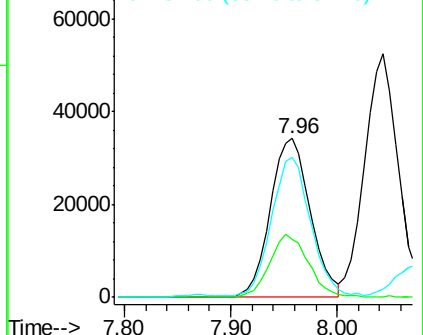
56 100

69 36.3 26.3 39.5

84 87.1 65.7 98.5



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: 21.492 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

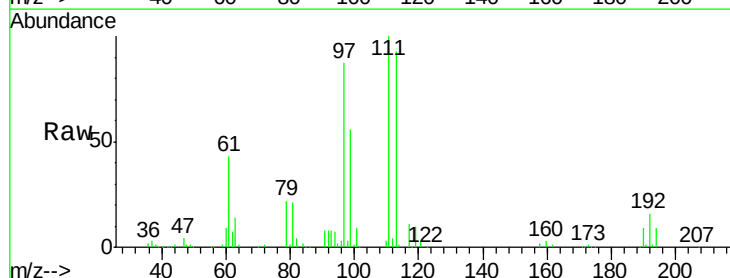
Tgt Ion: 97 Resp: 83845

Ion Ratio Lower Upper

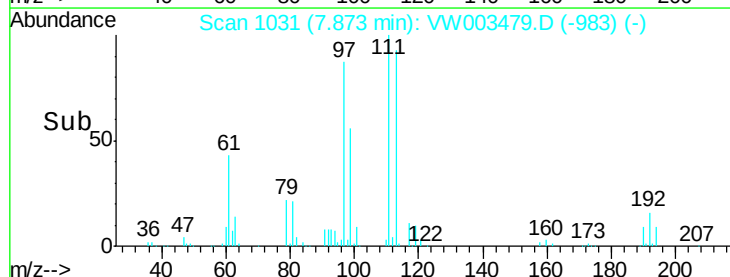
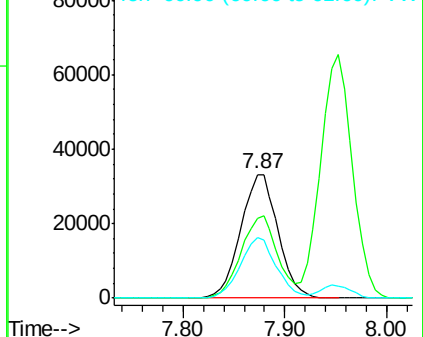
97 100

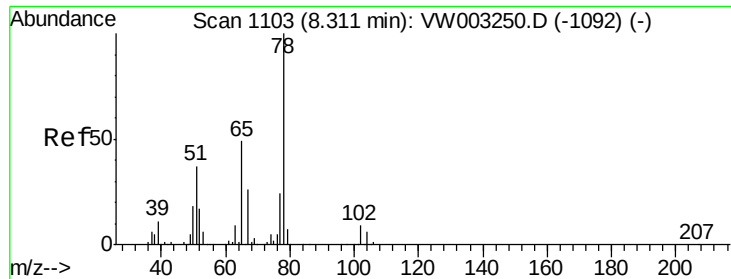
99 65.1 51.7 77.5

61 47.7 37.6 56.4



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

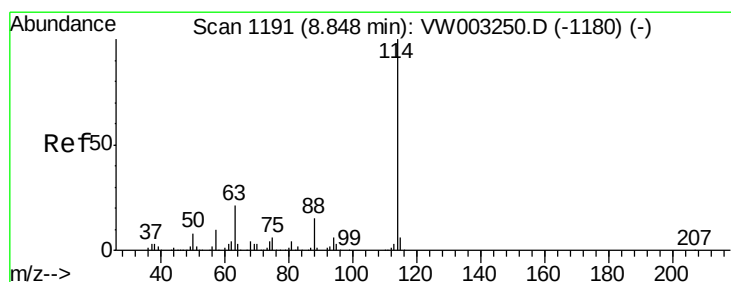
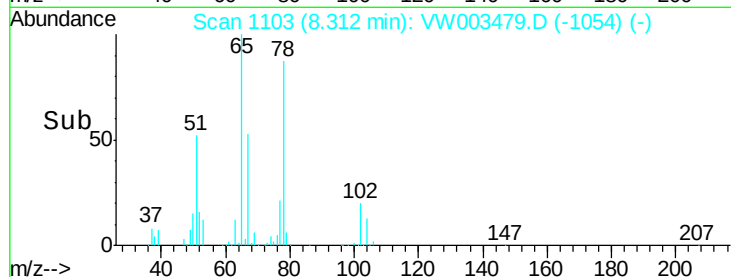
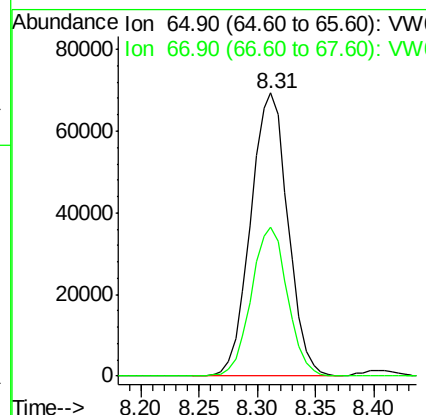
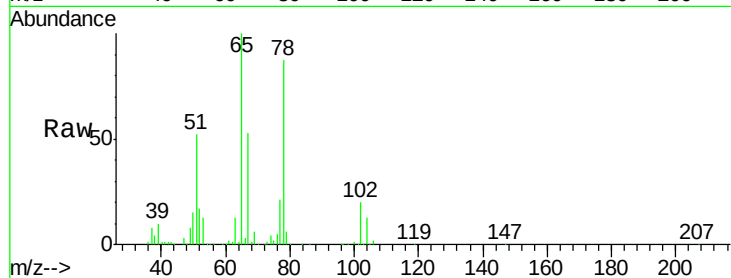




#33
 1,2-Dichloroethane-d4
 Concen: 57.835 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

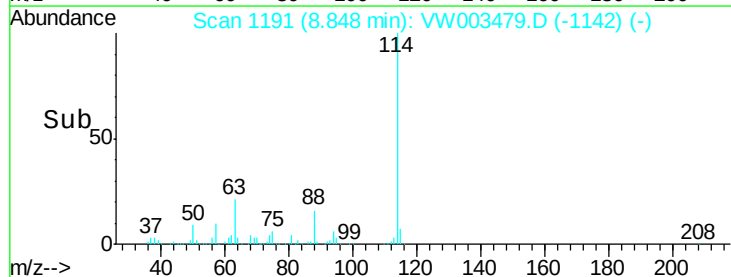
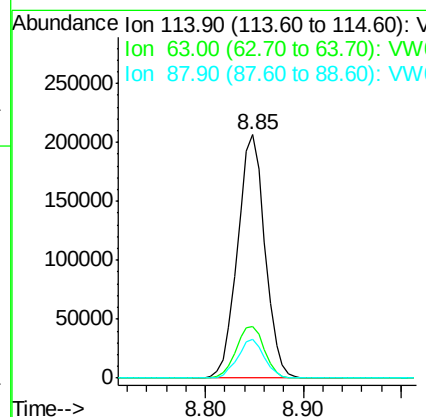
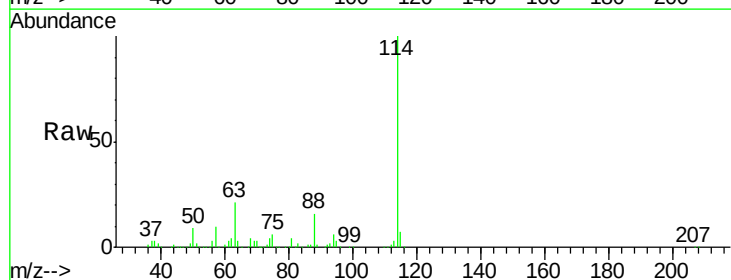
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

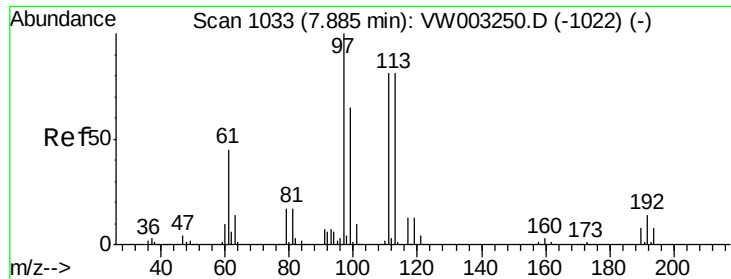
Tgt Ion: 65 Resp: 155120
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 114 Resp: 400032
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 16.0 0.0 29.6

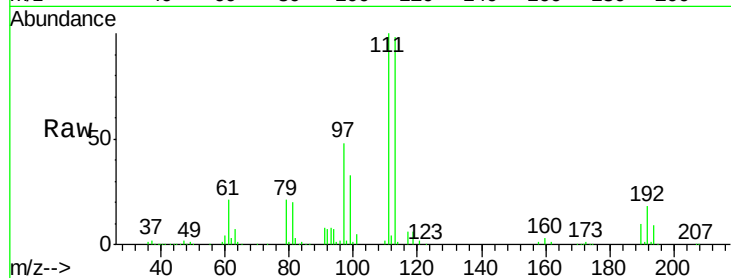




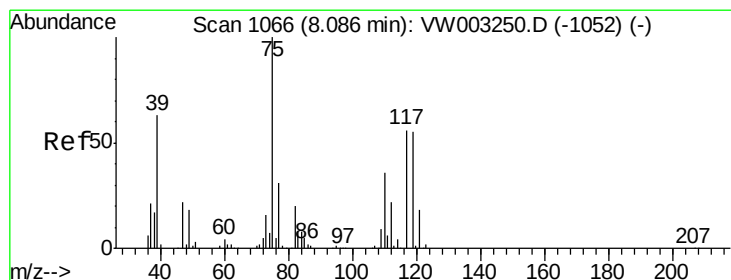
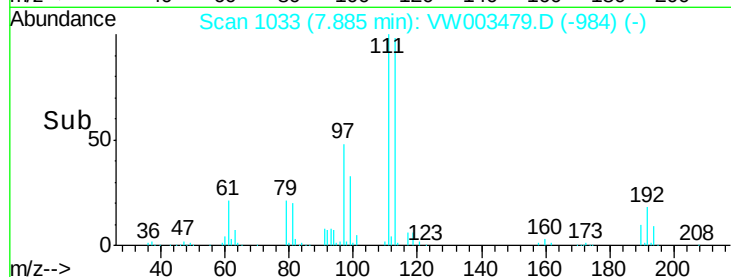
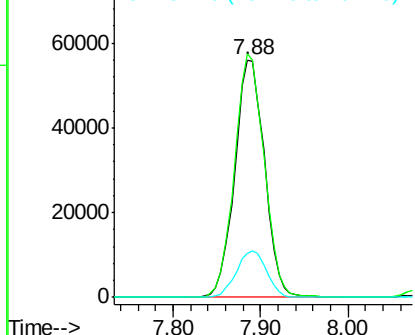
#35
 Dibromofluoromethane
 Concen: 53.393 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Tgt Ion: 113 Resp: 132717
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 19.8 16.2 24.2

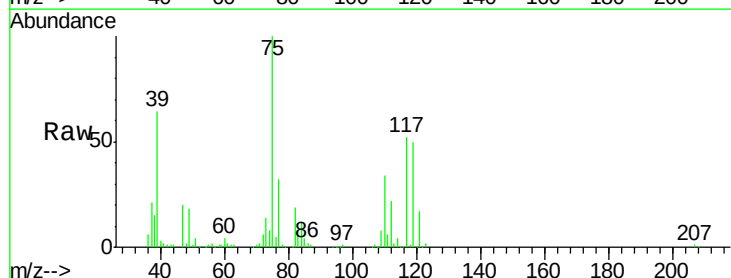


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

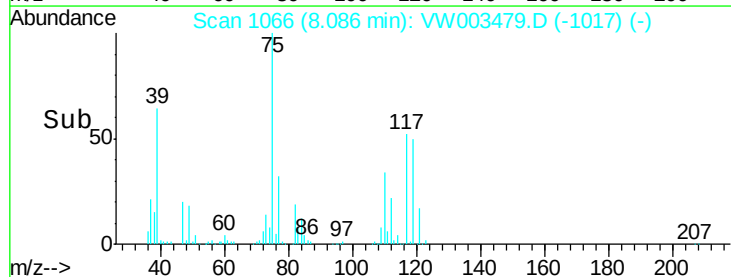
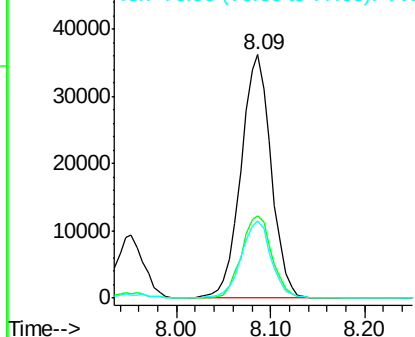


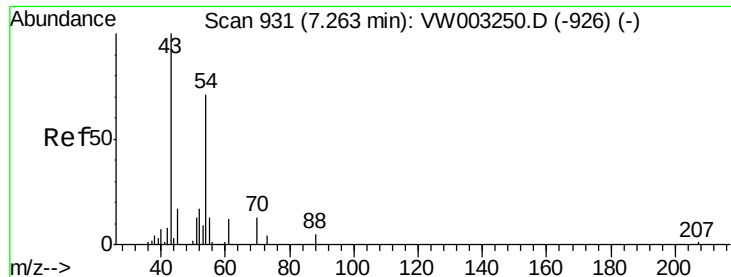
#36
 1,1-Dichloropropene
 Concen: 20.949 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 75 Resp: 80930
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.1 51.3
 77 31.6 24.9 37.3



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

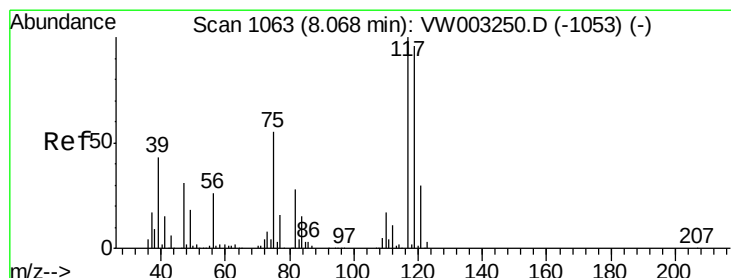
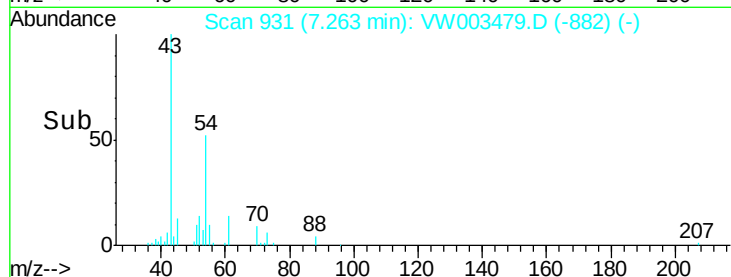
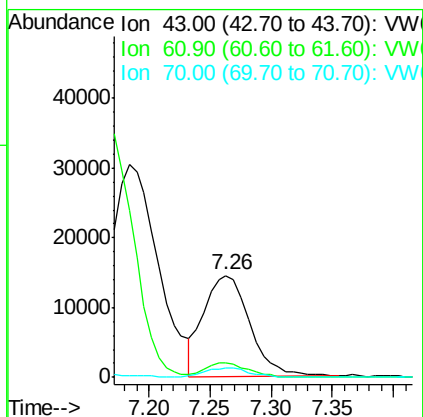
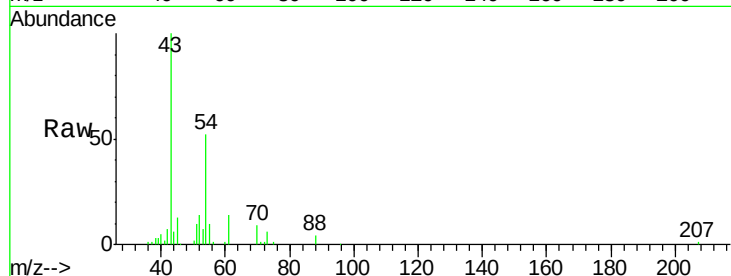




#37
Ethyl Acetate
 Concen: 23.741 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

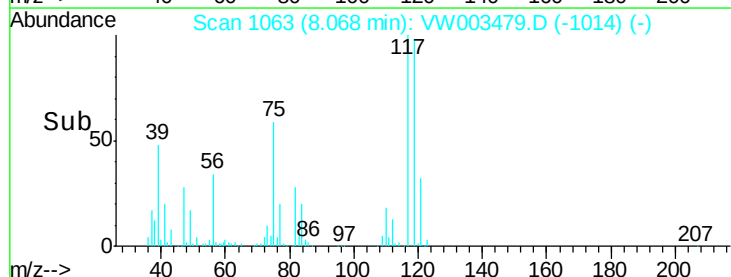
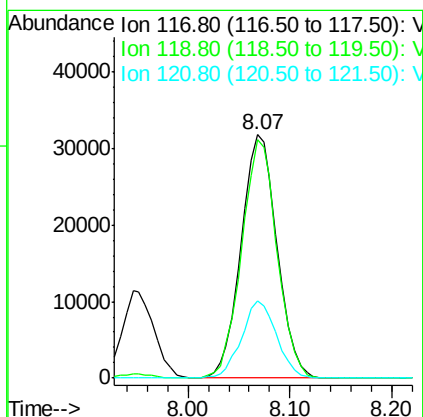
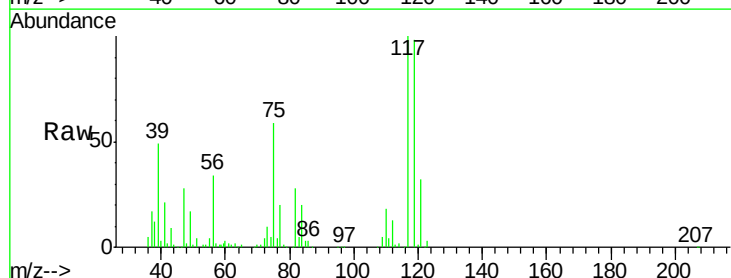
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

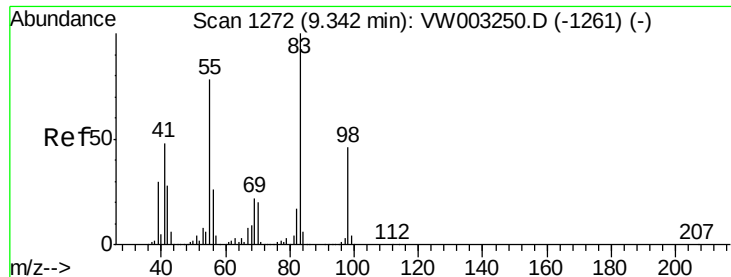
Tgt Ion: 43 Resp: 37996
 Ion Ratio Lower Upper
 43 100
 61 13.7 10.8 16.2
 70 9.5 7.8 11.6



#38
Carbon Tetrachloride
 Concen: 20.566 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 117 Resp: 77936
 Ion Ratio Lower Upper
 117 100
 119 97.7 76.6 115.0
 121 31.5 23.9 35.9

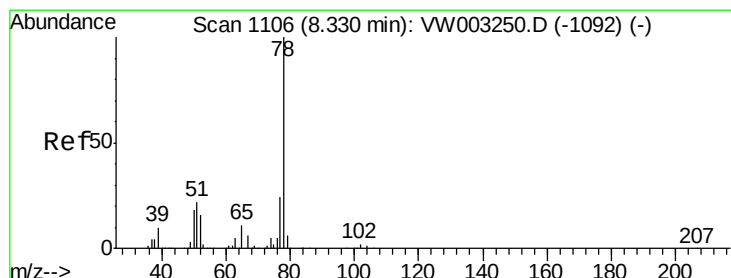
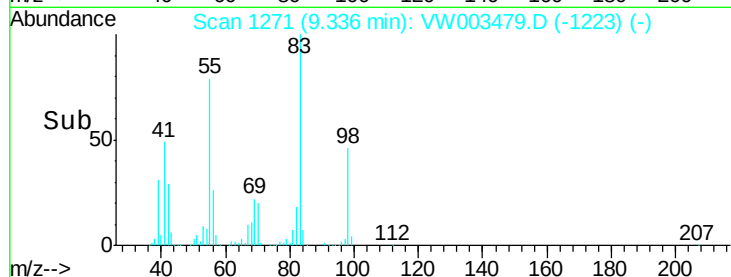
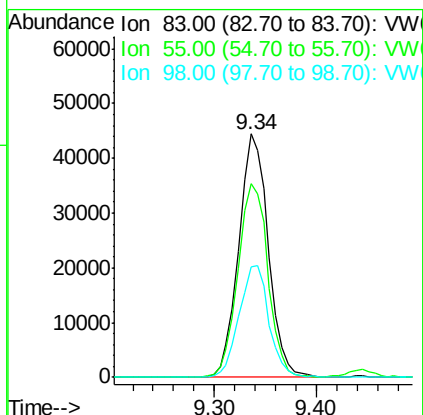
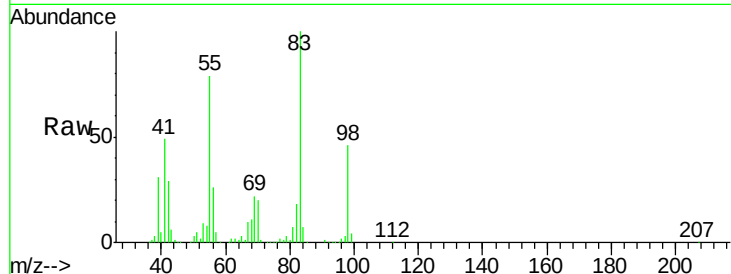




#39
Methylcyclohexane
Concen: 19.990 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

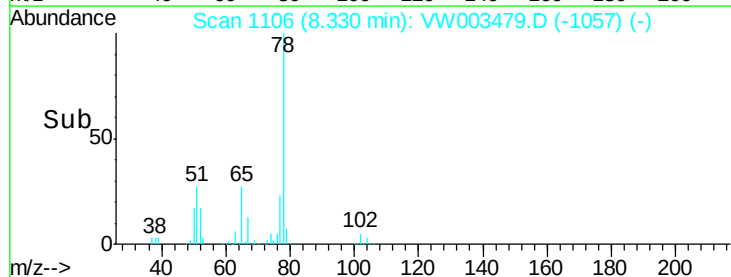
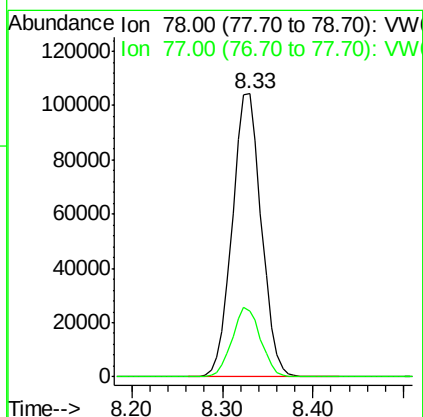
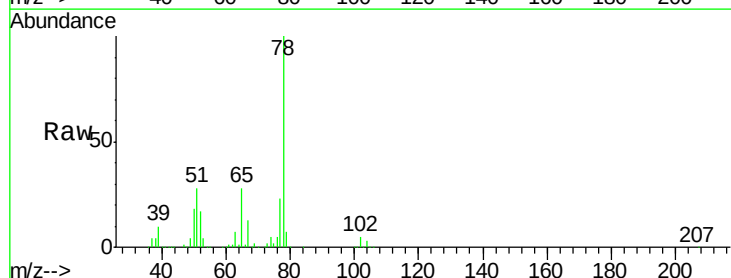
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

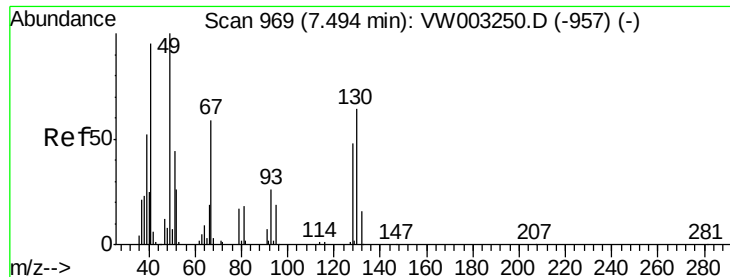
Tgt Ion: 83 Resp: 89356
Ion Ratio Lower Upper
83 100
55 79.4 62.6 93.8
98 45.6 37.0 55.4



#40
Benzene
Concen: 21.771 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 78 Resp: 231836
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

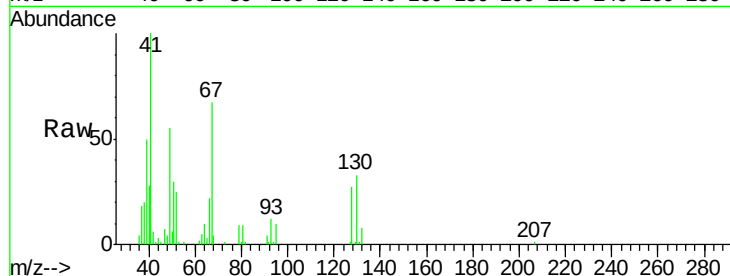




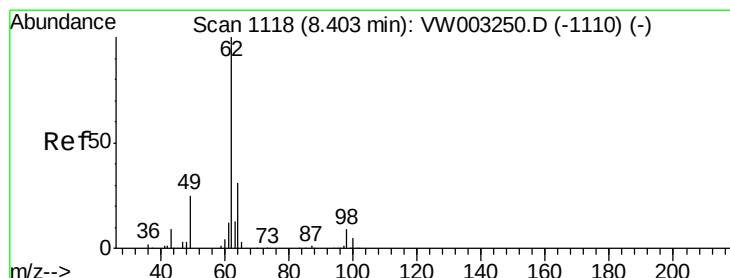
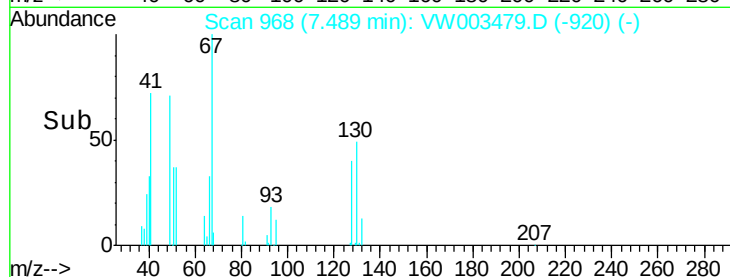
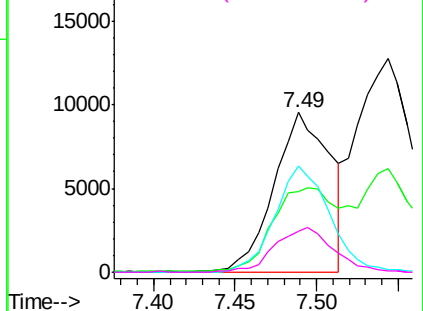
#41
Methacrylonitrile
Concen: 23.209 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tgt Ion:	41	Resp:	22794
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.8	68.8
67	65.1	52.3	78.5
52	29.1	24.1	36.1

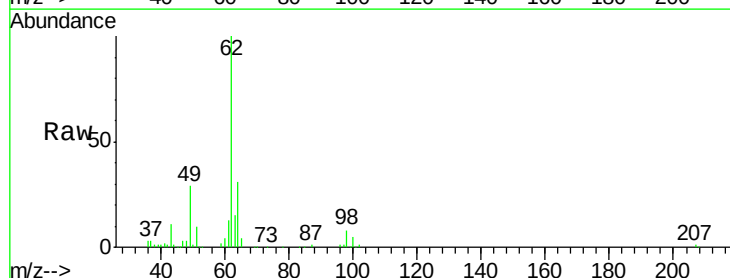


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

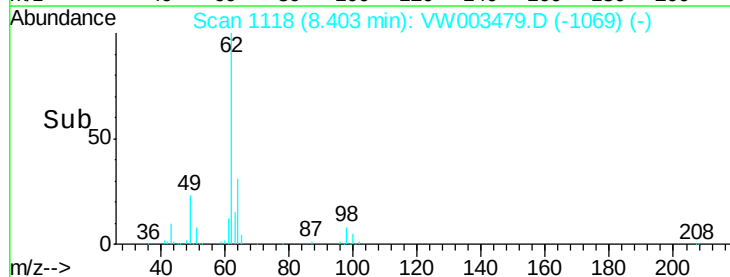
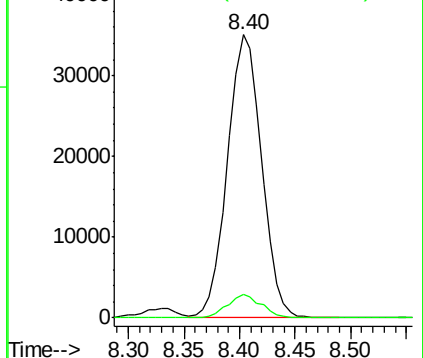


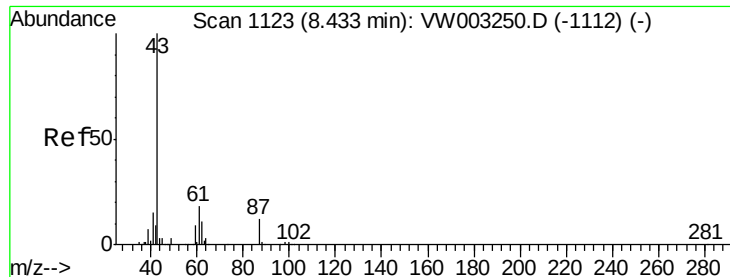
#42
1,2-Dichloroethane
Concen: 22.386 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion:	62	Resp:	74688
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 22.943 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

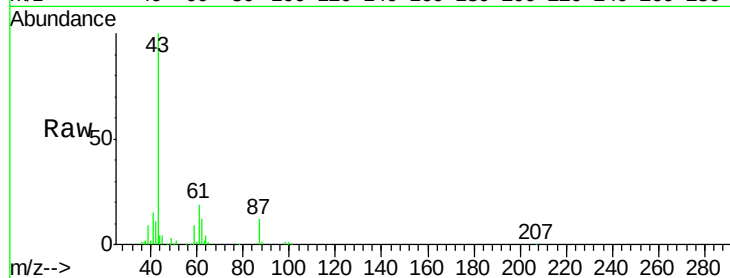
Tgt Ion: 43 Resp: 72911

Ion Ratio Lower Upper

43 100

61 29.3 23.1 34.7

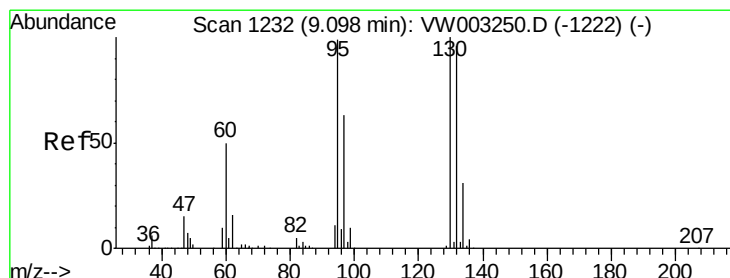
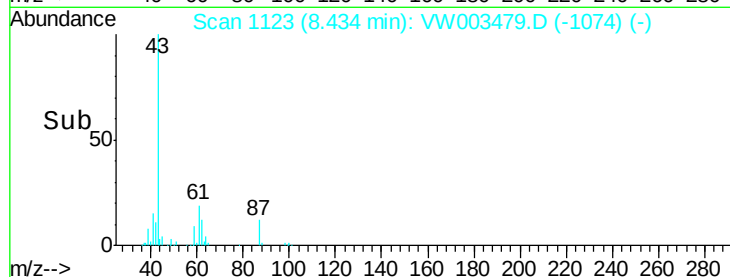
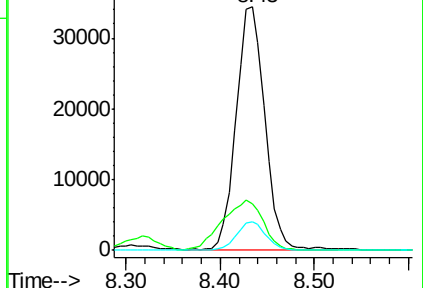
87 11.8 9.8 14.6



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: 21.059 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003479.D

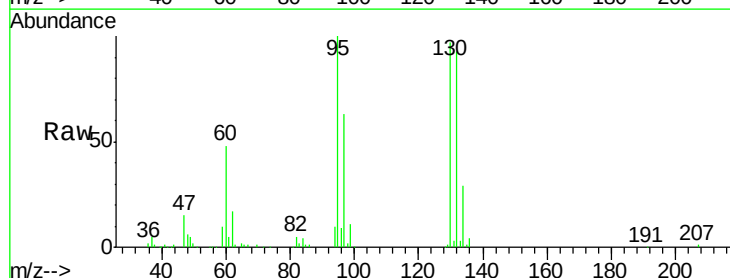
Acq: 24 Jun 2018 01:04

Tgt Ion: 130 Resp: 59423

Ion Ratio Lower Upper

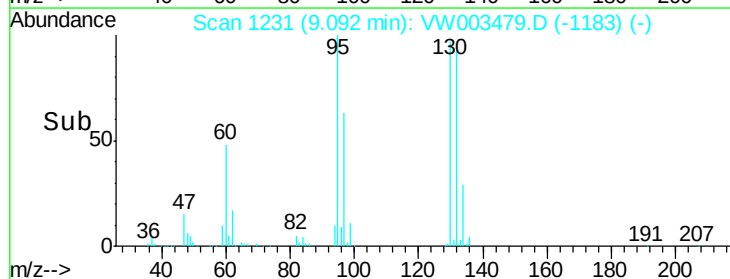
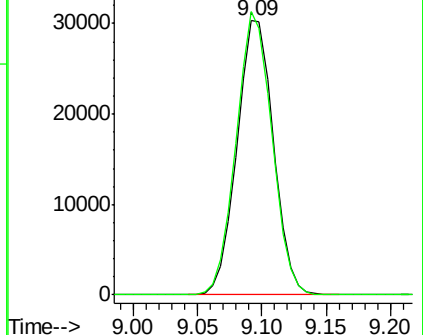
130 100

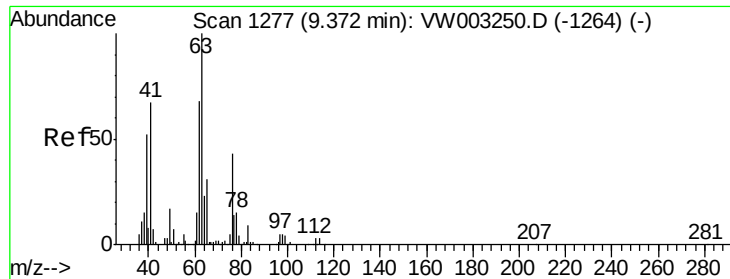
95 103.2 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

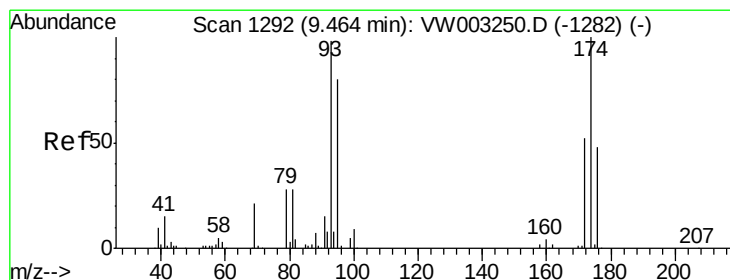
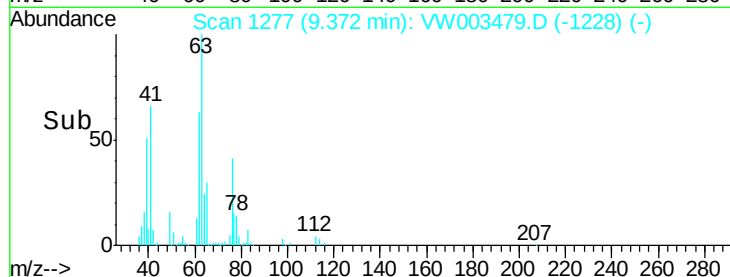
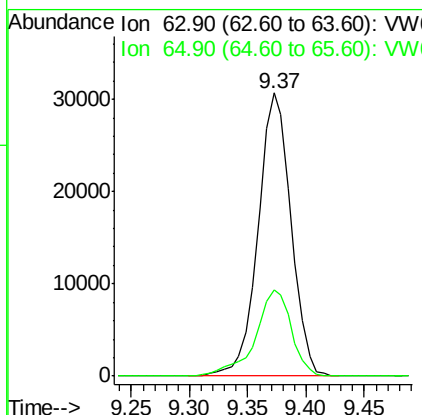
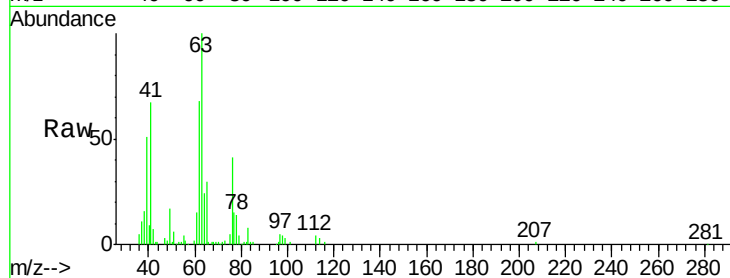




#45
 1,2-Dichloropropane
 Concen: 22.231 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

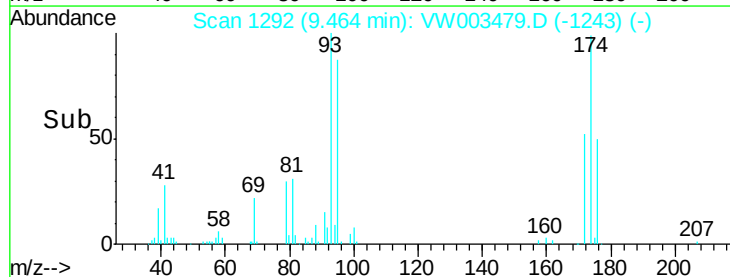
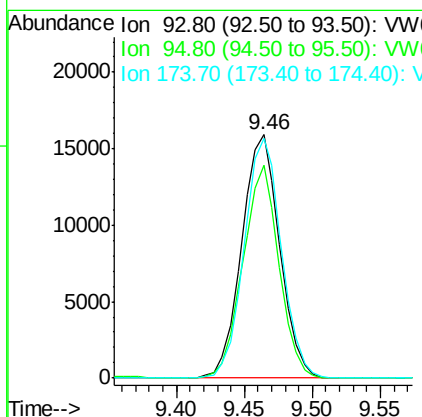
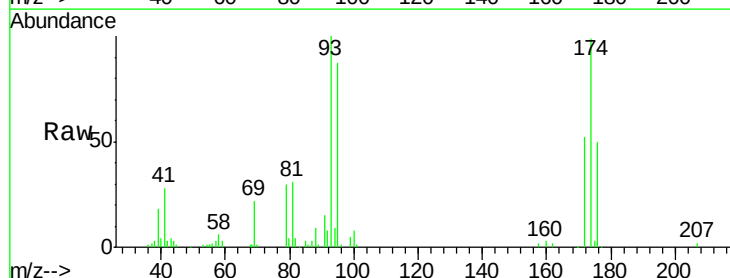
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

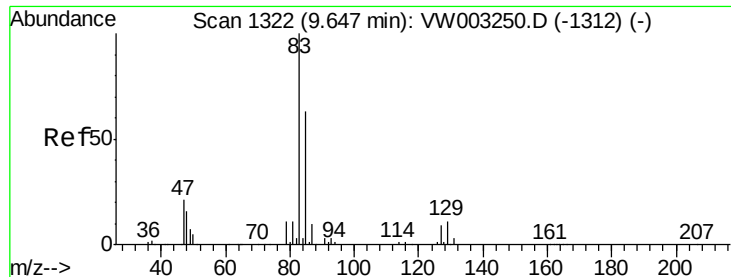
Tgt Ion: 63 Resp: 60275
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.1 37.7



#46
 Dibromomethane
 Concen: 22.354 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 93 Resp: 31031
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.8
 174 96.9 81.4 122.0

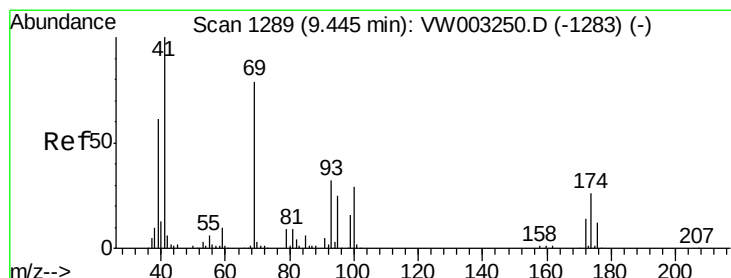
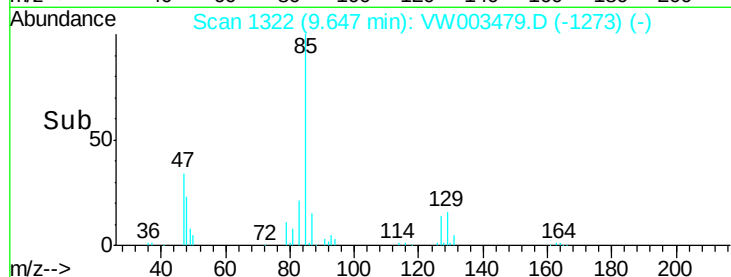
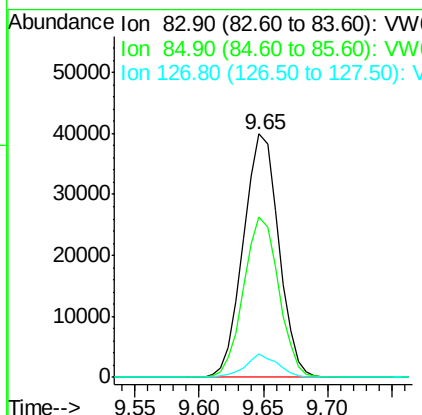
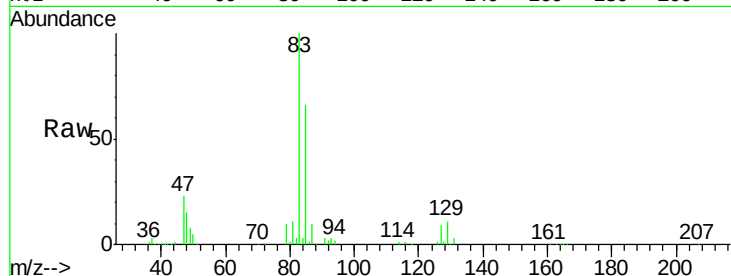




#47
 Bromodichloromethane
 Concen: 21.322 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

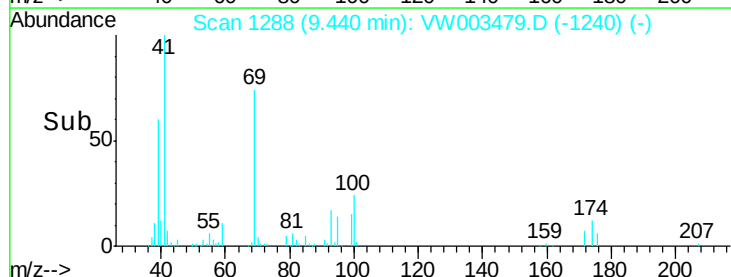
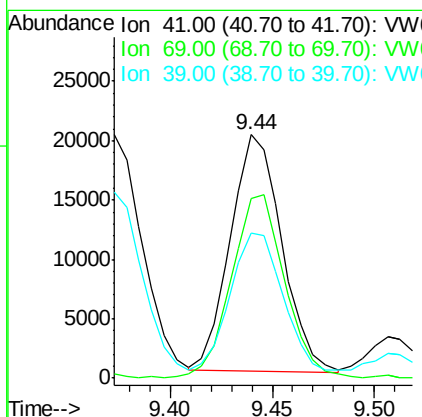
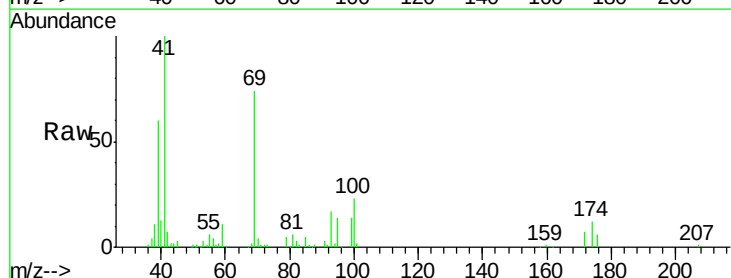
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

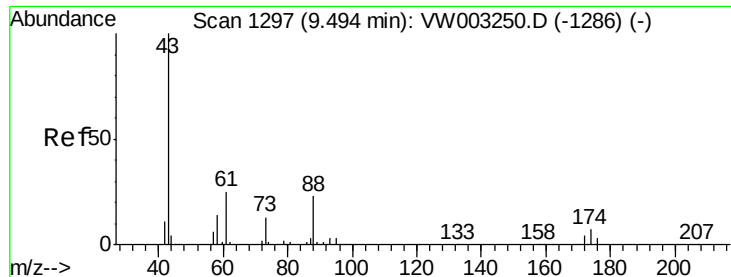
Tgt Ion: 83 Resp: 75867
 Ion Ratio Lower Upper
 83 100
 85 65.9 50.6 75.8
 127 9.4 6.8 10.2



#48
 Methyl methacrylate
 Concen: 23.401 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 41 Resp: 34949
 Ion Ratio Lower Upper
 41 100
 69 79.5 65.4 98.2
 39 65.9 54.2 81.2

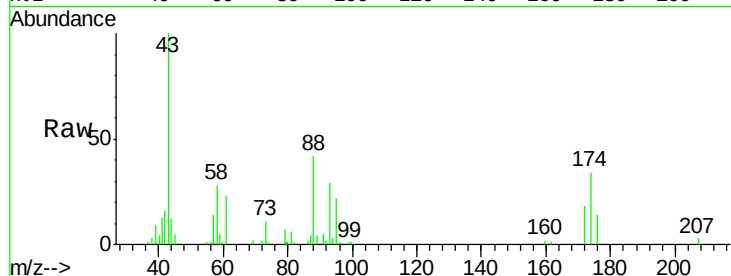




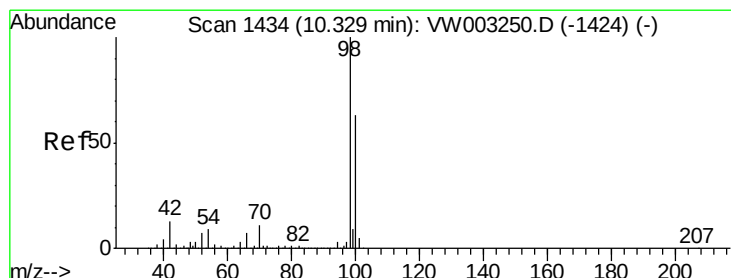
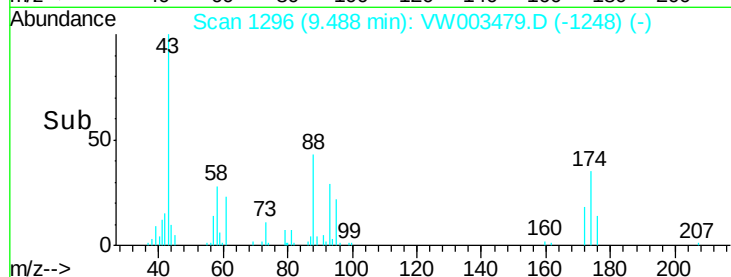
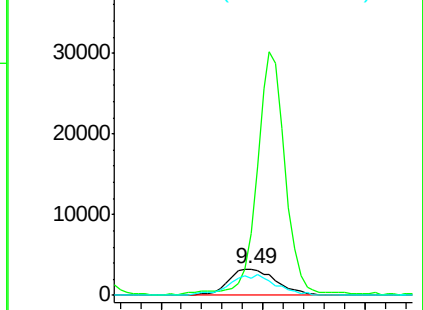
#49
1,4-Dioxane
Concen: 501.156 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tgt Ion: 88 Resp: 10504
Ion Ratio Lower Upper
88 100
43 556.0 454.7 682.1
58 76.8 58.6 88.0

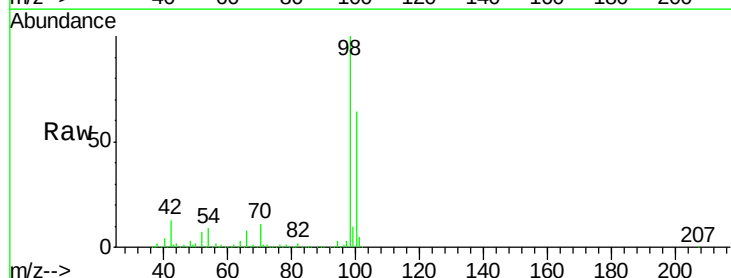


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

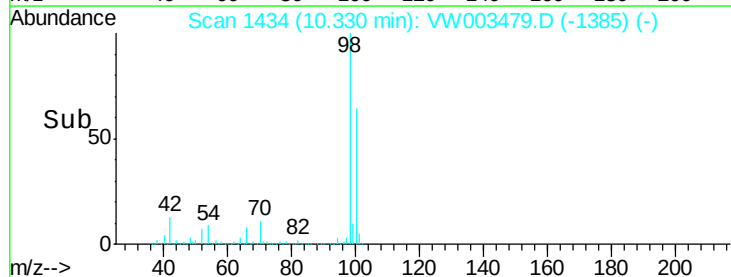
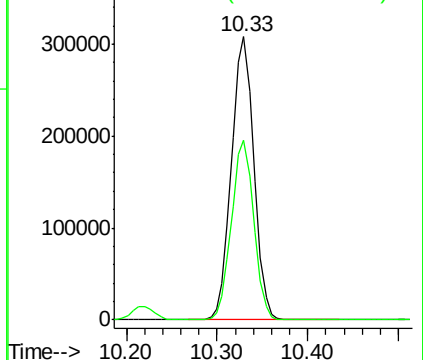


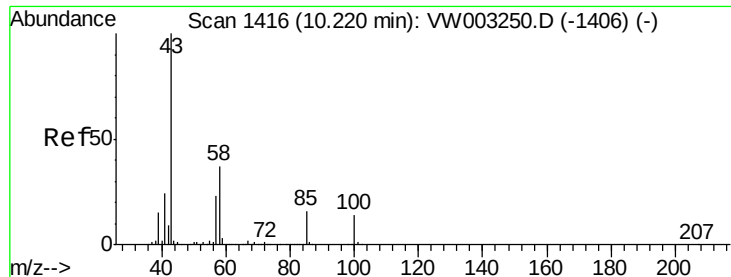
#50
Toluene-d8
Concen: 53.652 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 98 Resp: 528810
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2



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

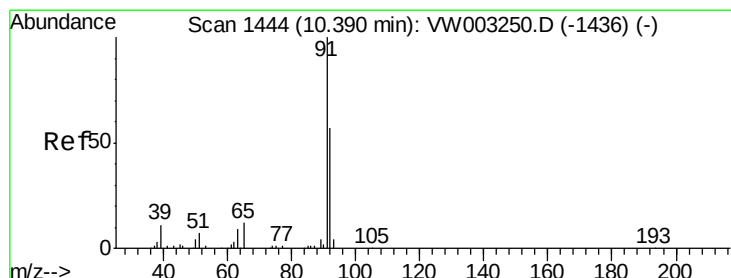
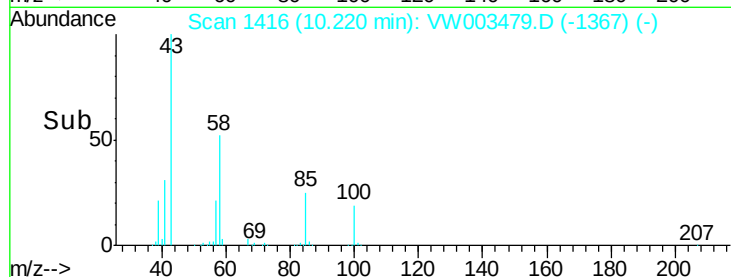
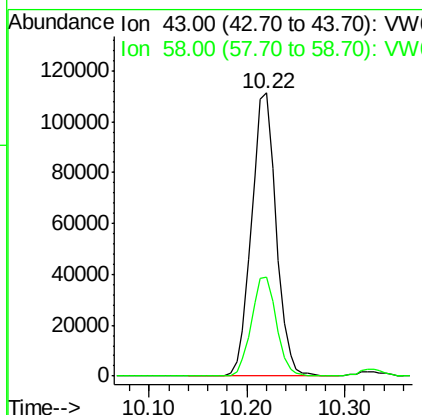
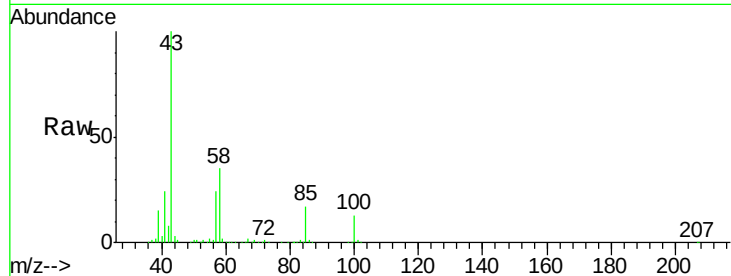




#51
 4-Methyl-2-Pentanone
 Concen: 120.508 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

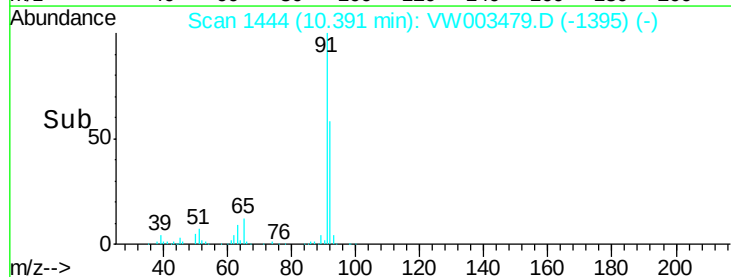
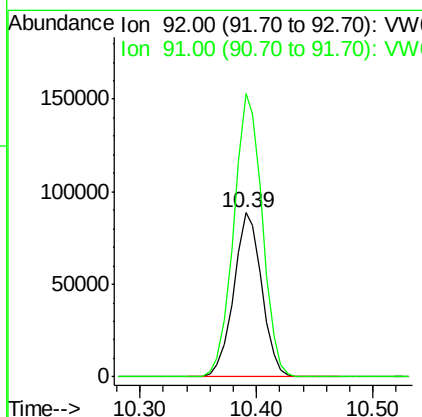
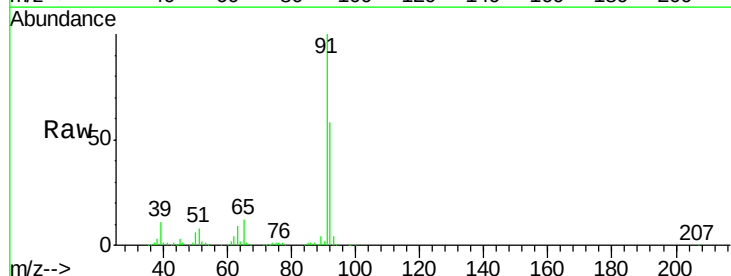
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

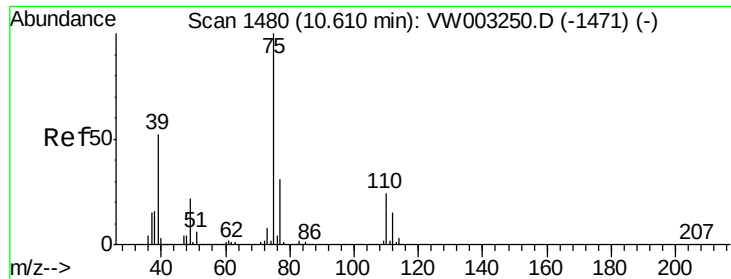
Tgt Ion: 43 Resp: 195141
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.0 43.4



#52
 Toluene
 Concen: 21.786 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 92 Resp: 148770
 Ion Ratio Lower Upper
 92 100
 91 175.4 141.1 211.7

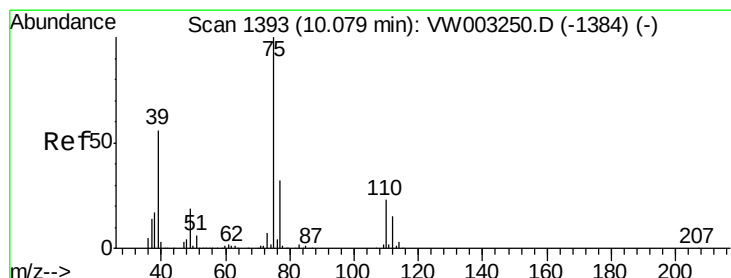
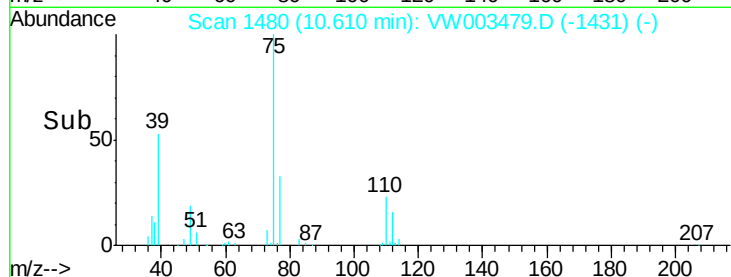
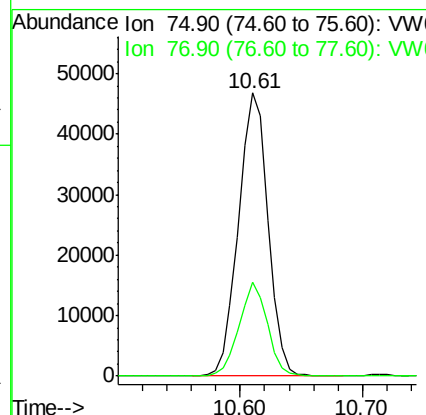
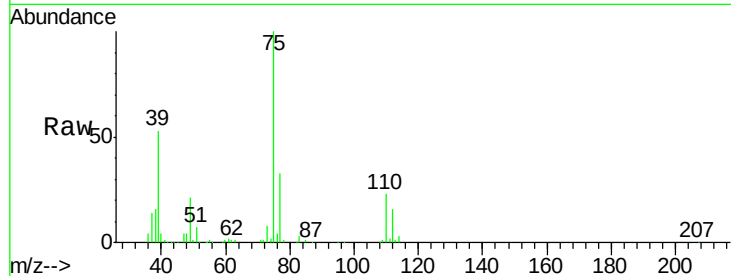




#53
t-1,3-Dichloropropene
Concen: 21.433 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

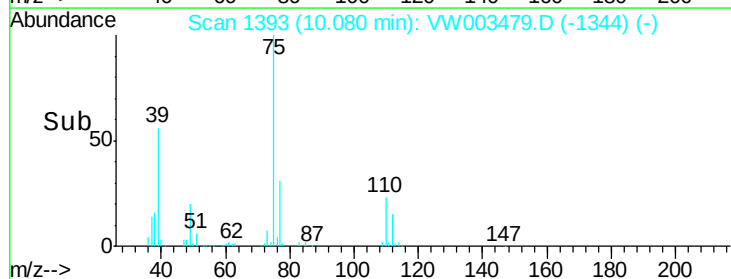
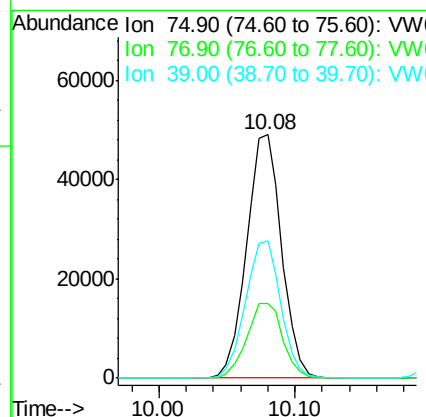
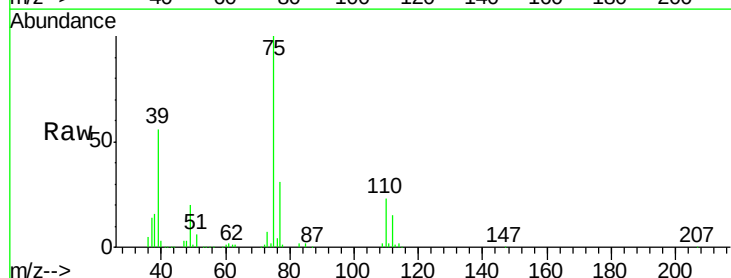
Instrument :
MSVOA_W
ClientSampled :
VW0623SBS02

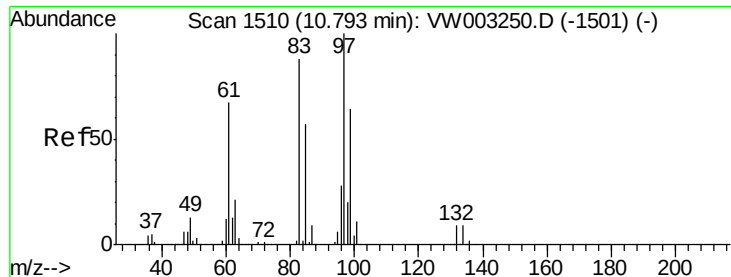
Tgt Ion: 75 Resp: 77902
Ion Ratio Lower Upper
75 100
77 33.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 21.290 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 75 Resp: 88075
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6
39 56.4 45.2 67.8

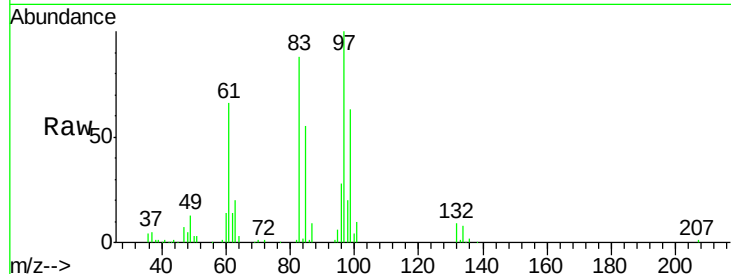




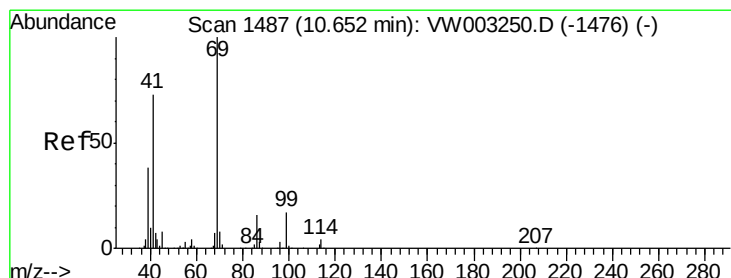
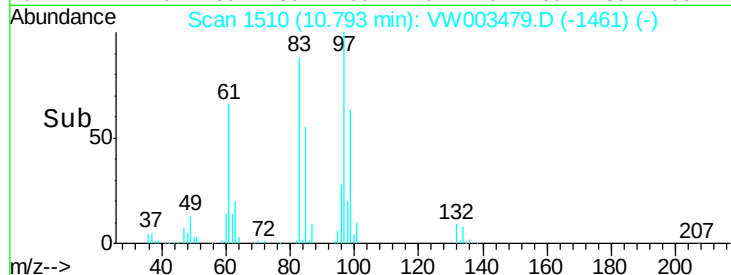
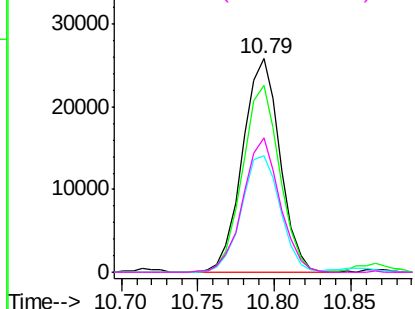
#55
 1,1,2-Trichloroethane
 Concen: 22.474 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Tgt Ion: 97 Resp: 43961
 Ion Ratio Lower Upper
 97 100
 83 87.6 70.2 105.2
 85 54.6 45.6 68.4
 99 62.7 51.2 76.8

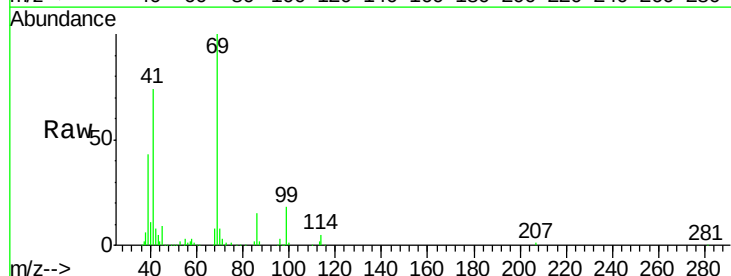


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

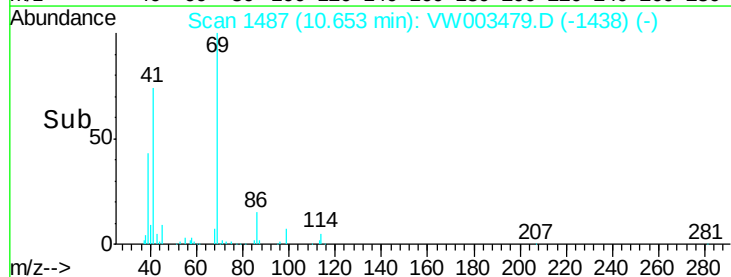
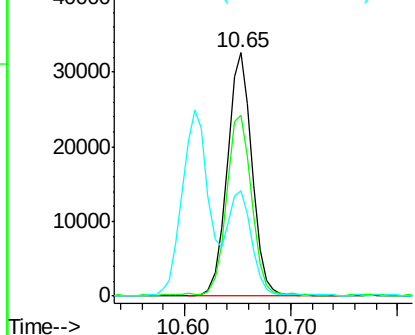


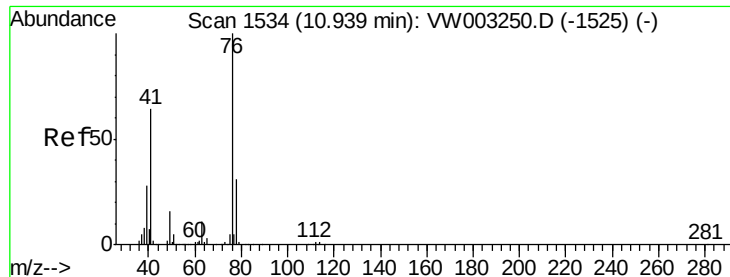
#56
 Ethyl methacrylate
 Concen: 22.401 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 69 Resp: 53209
 Ion Ratio Lower Upper
 69 100
 41 74.5 57.8 86.6
 39 39.5 32.7 49.1



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

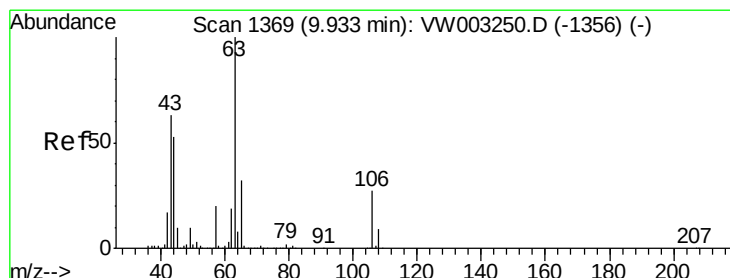
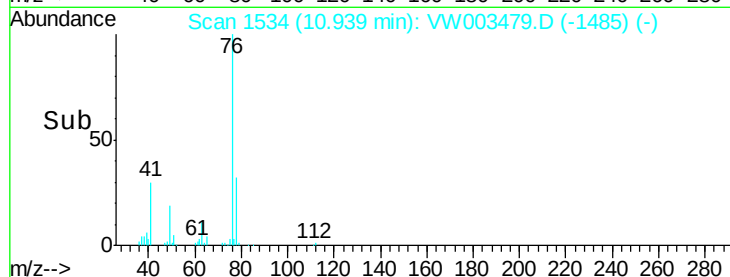
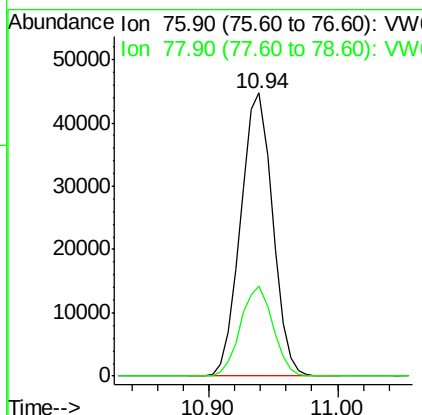
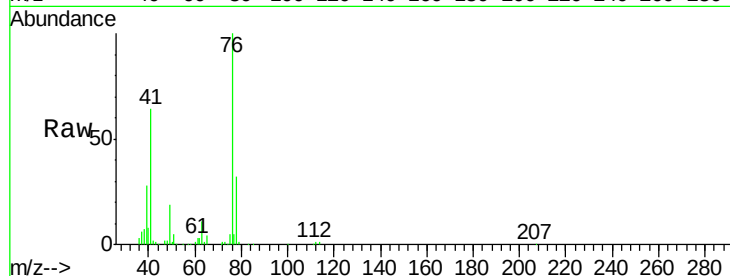




#57
 1,3-Dichloropropane
 Concen: 22.771 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

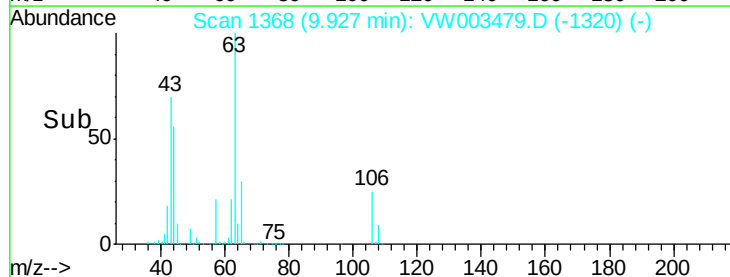
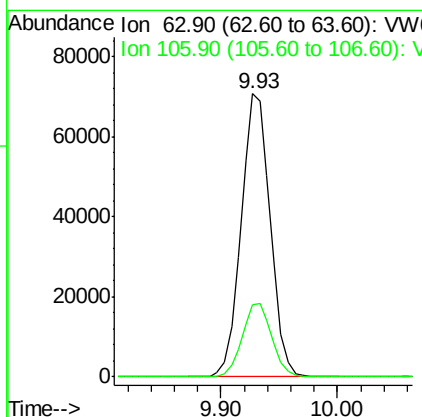
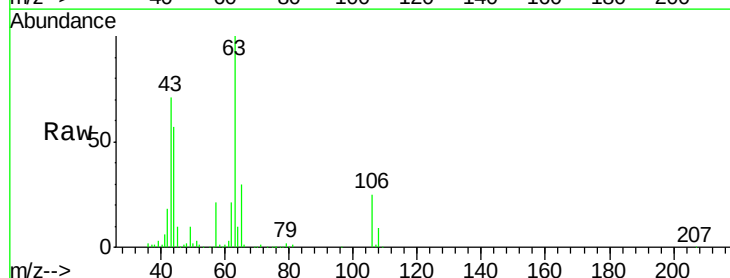
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

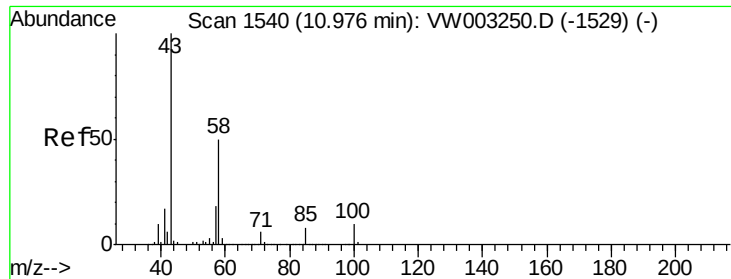
Tgt Ion: 76 Resp: 76821
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.214 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 63 Resp: 122682
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.8 32.8

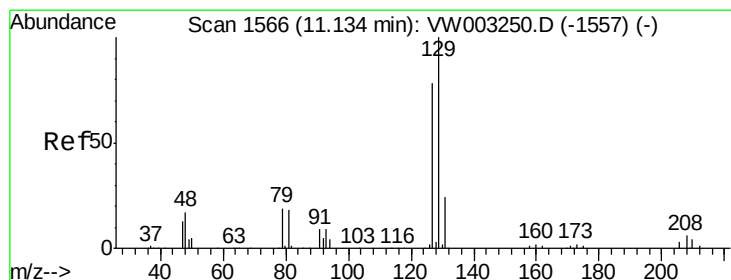
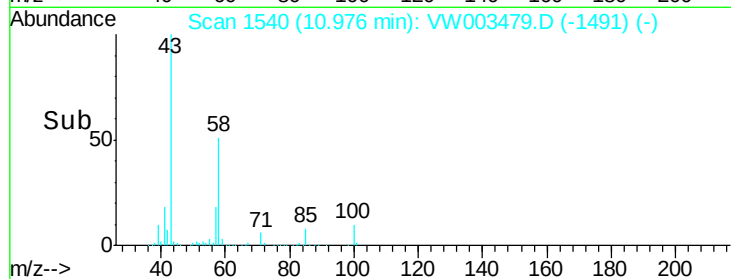
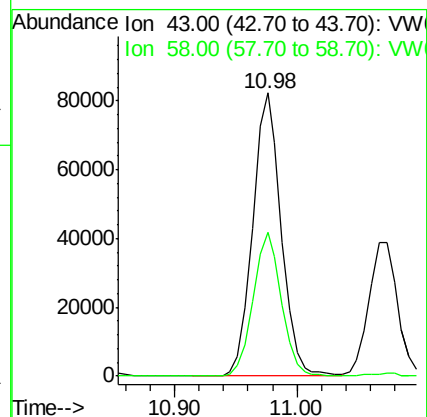
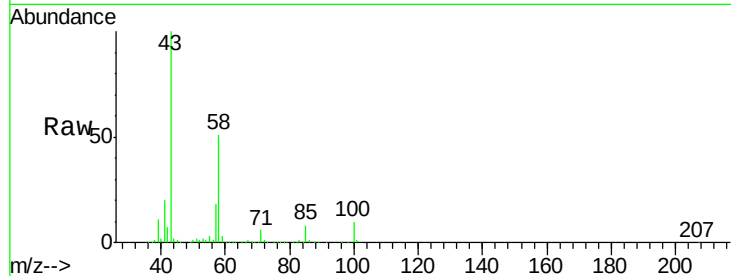




#59
2-Hexanone
Concen: 117.873 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

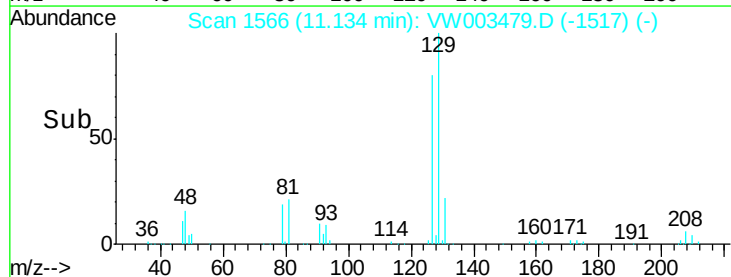
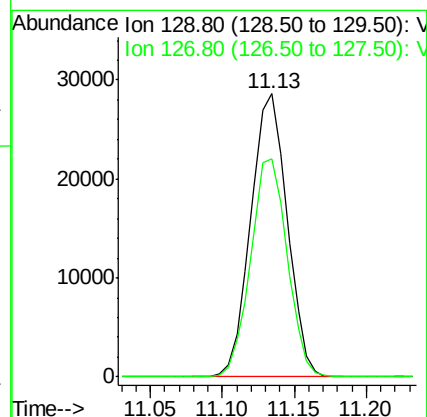
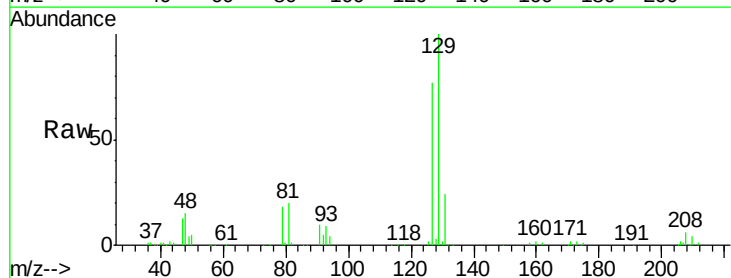
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

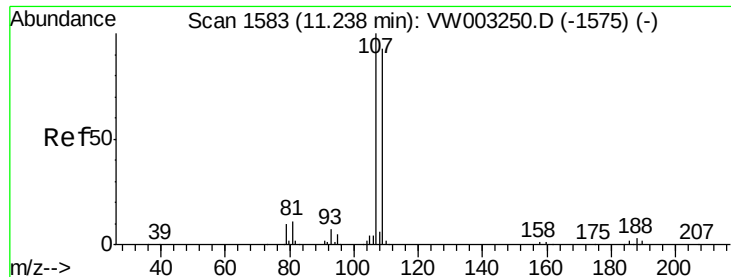
Tgt Ion: 43 Resp: 133343
Ion Ratio Lower Upper
43 100
58 50.3 25.0 75.0



#60
Dibromochloromethane
Concen: 21.491 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 129 Resp: 49993
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5

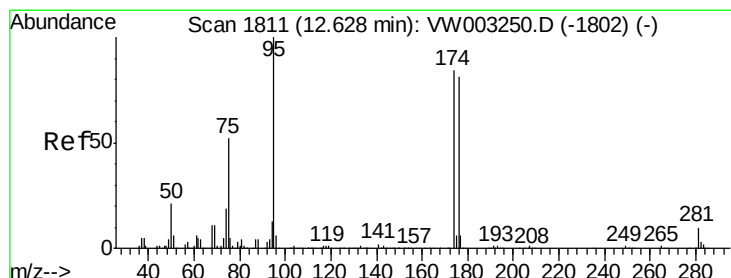
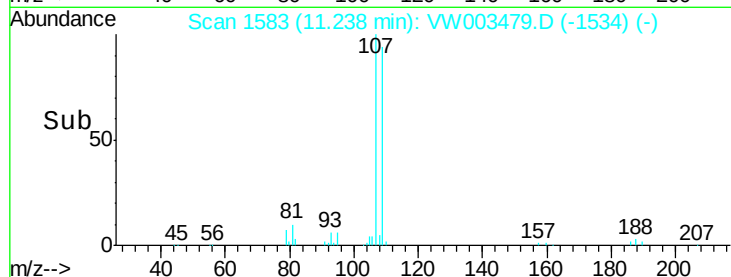
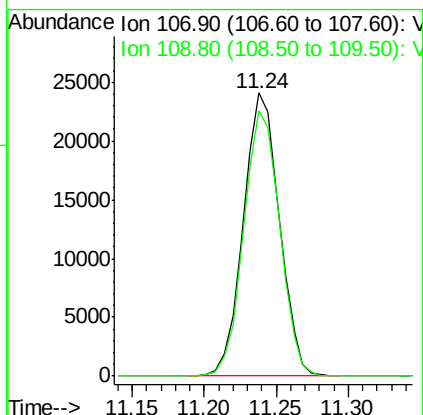
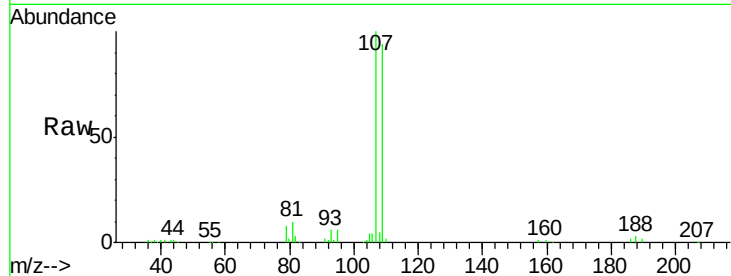




#61
 1,2-Dibromoethane
 Concen: 22.408 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

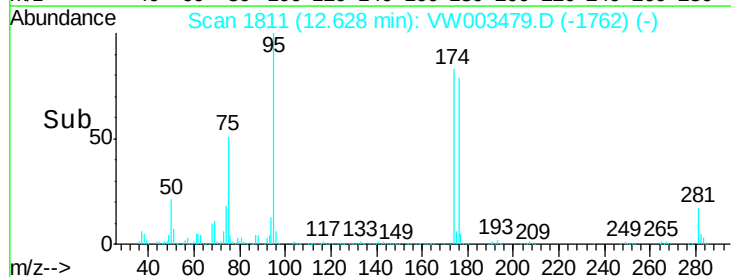
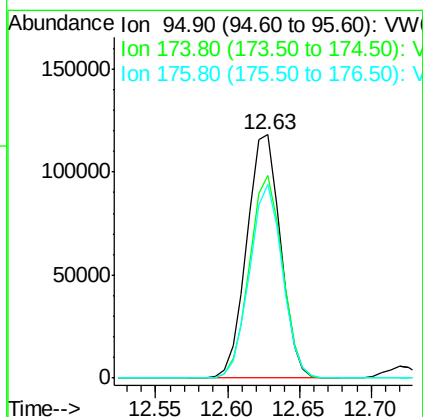
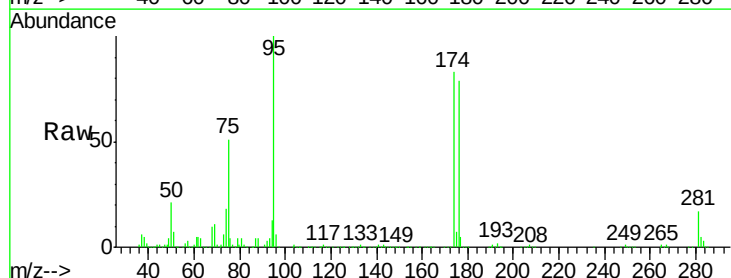
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

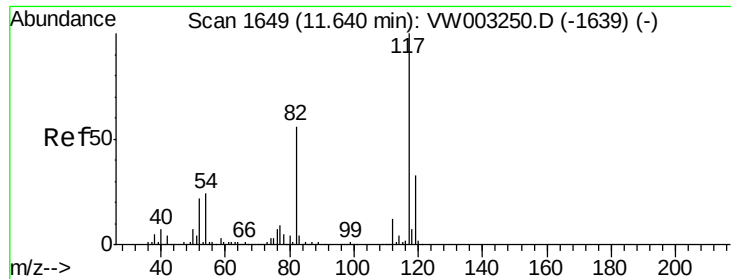
Tgt Ion: 107 Resp: 41462
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 54.875 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 95 Resp: 191406
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 166.4
 176 76.9 0.0 162.0

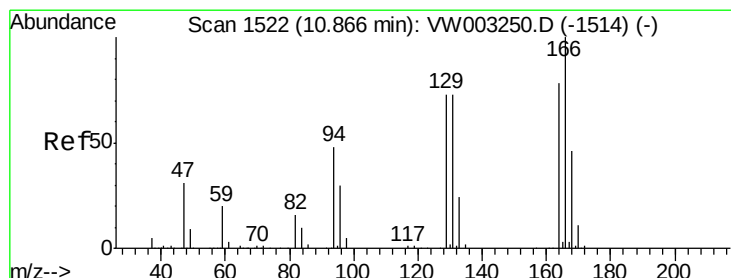
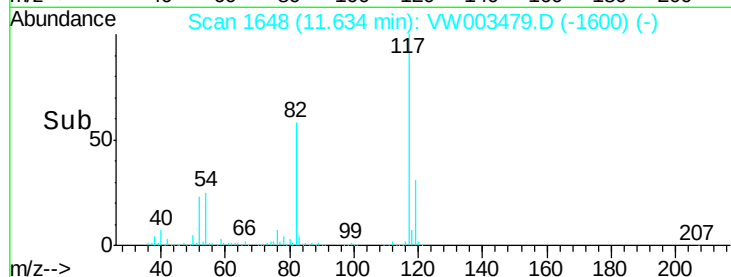
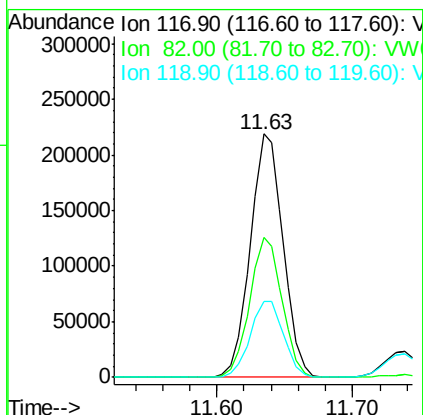
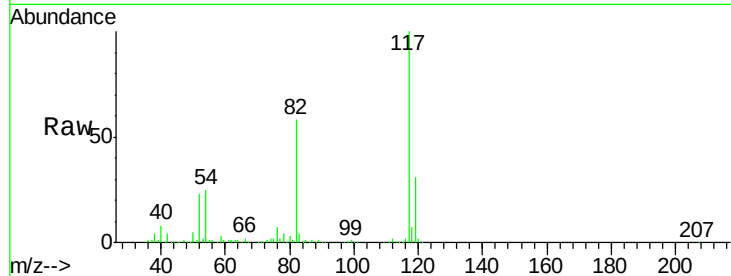




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

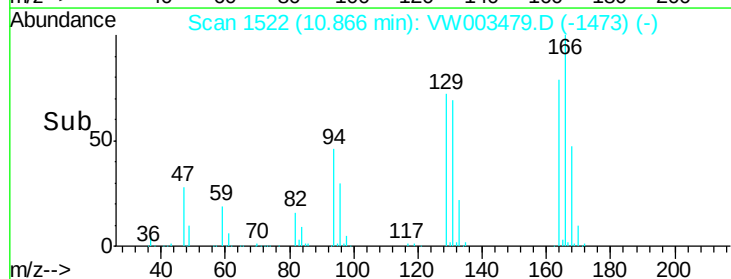
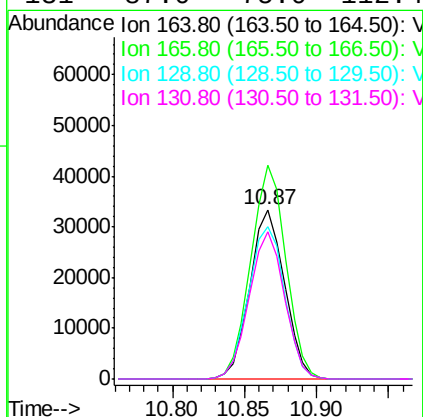
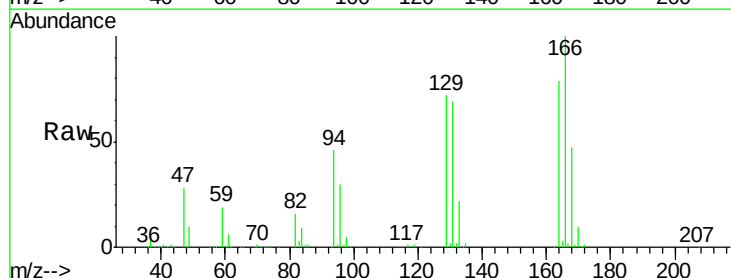
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

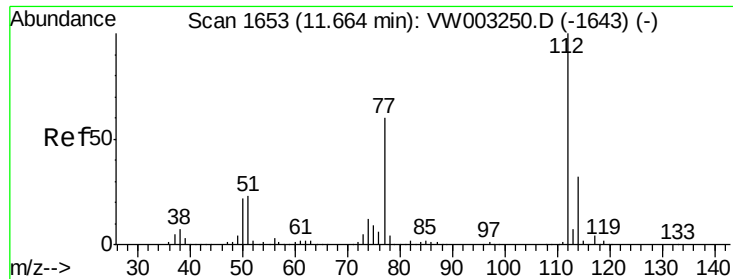
Tgt Ion:117 Resp: 369270
Ion Ratio Lower Upper
117 100
82 57.5 44.6 67.0
119 31.3 26.7 40.1



#64
Tetrachloroethene
Concen: 22.612 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion:164 Resp: 55848
Ion Ratio Lower Upper
164 100
166 126.0 102.6 154.0
129 90.2 75.2 112.8
131 87.0 75.0 112.4

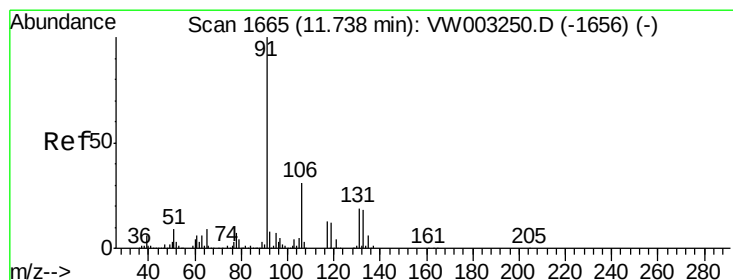
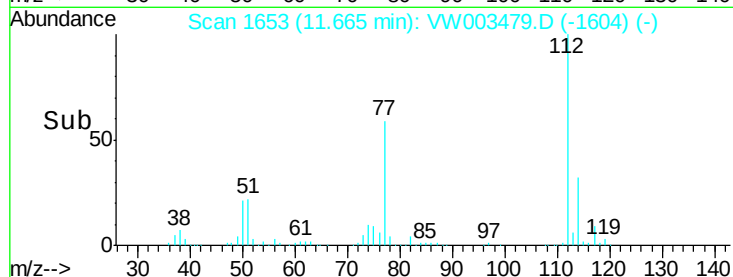
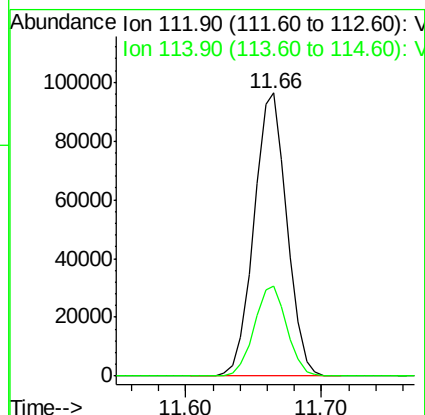
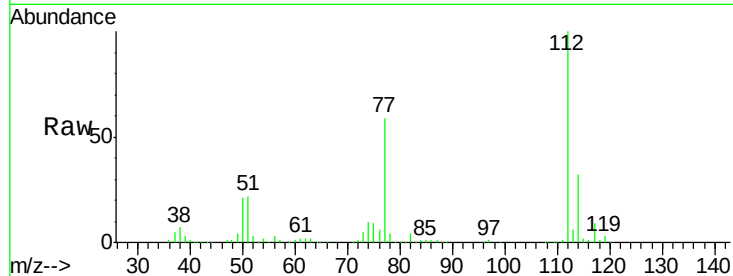




#65
Chlorobenzene
Concen: 21.220 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

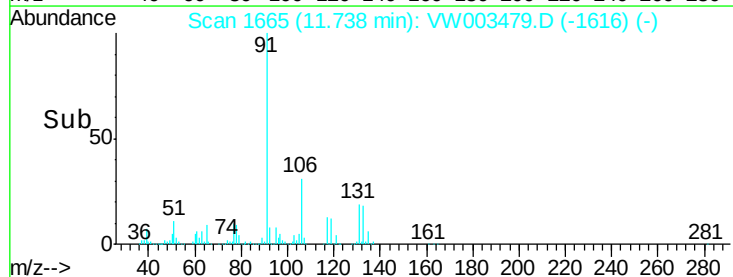
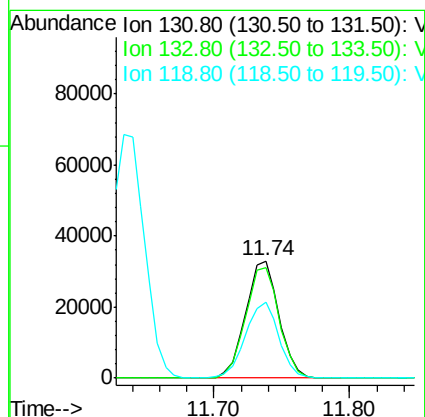
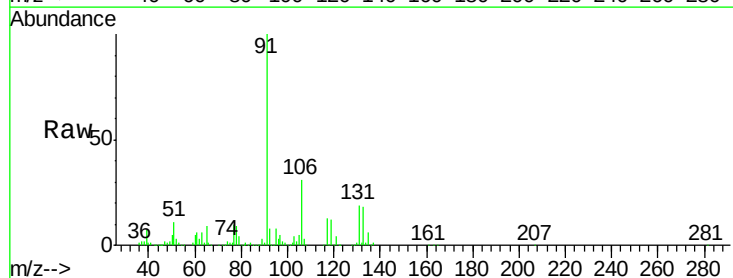
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

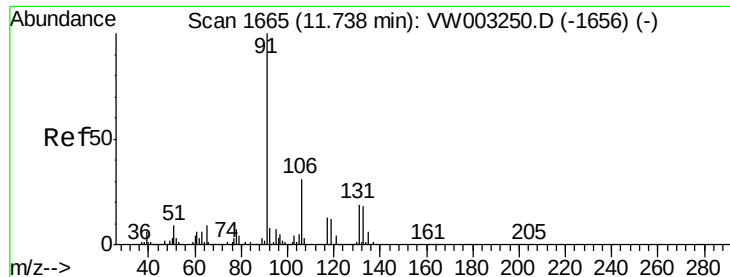
Tgt Ion:112 Resp: 163177
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.863 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion:131 Resp: 56378
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 65.0 32.5 97.4

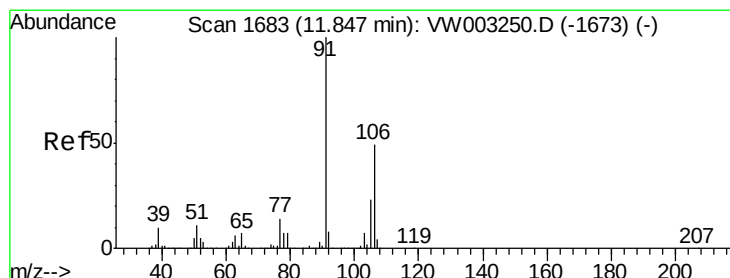
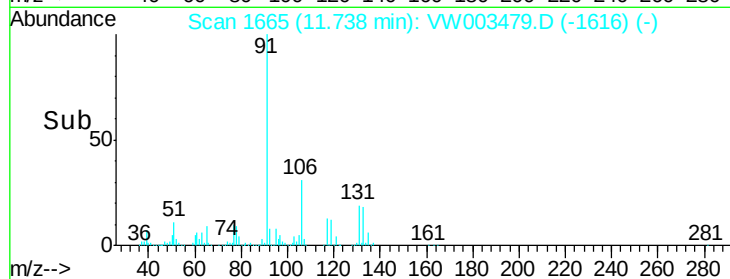
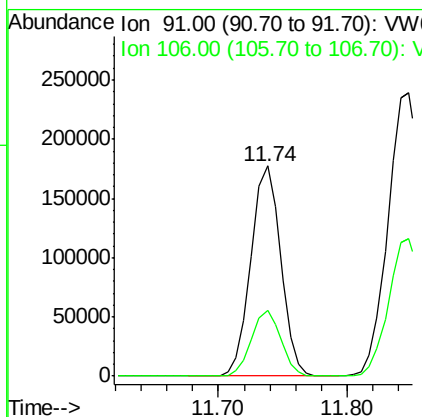
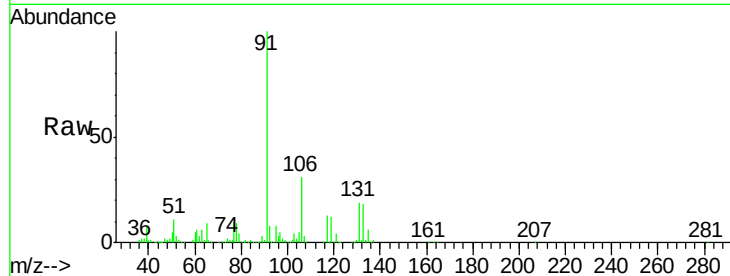




#67
Ethyl Benzene
Concen: 20.795 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

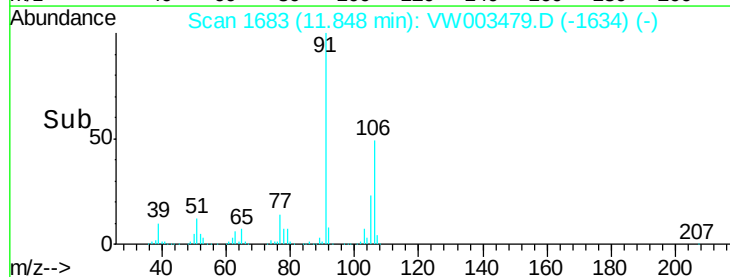
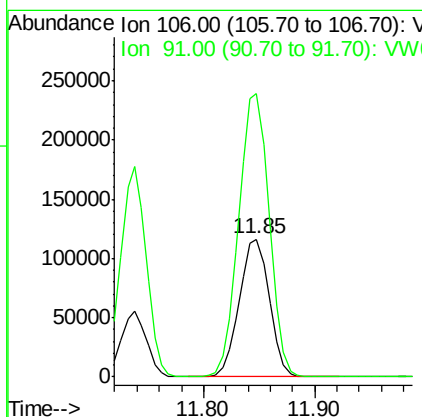
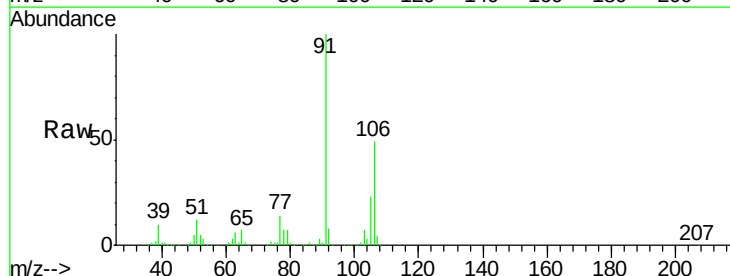
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

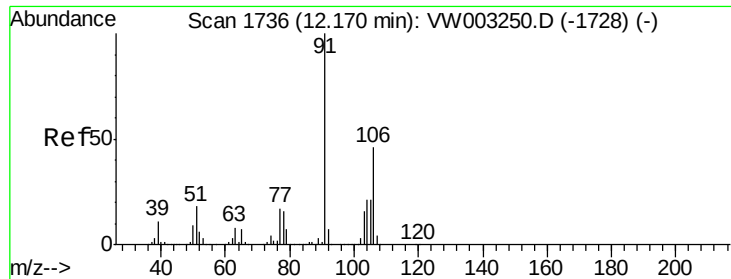
Tgt Ion: 91 Resp: 283451
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1



#68
m/p-Xylenes
Concen: 42.190 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 106 Resp: 218615
Ion Ratio Lower Upper
106 100
91 207.6 165.4 248.0

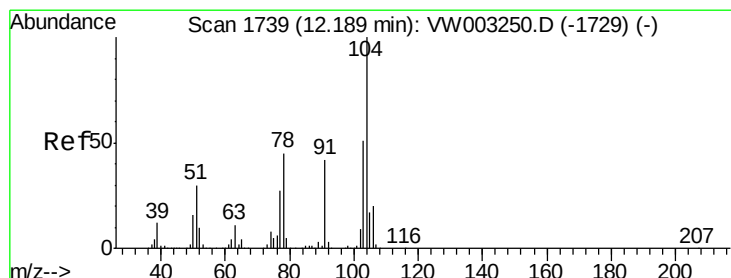
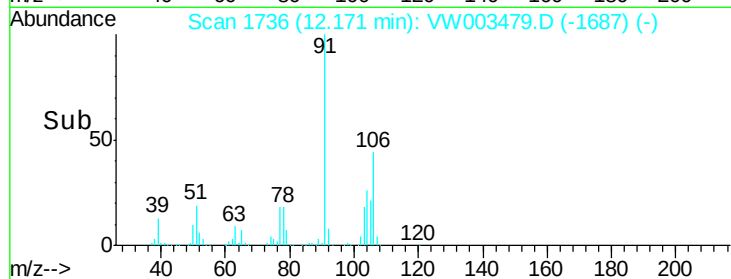
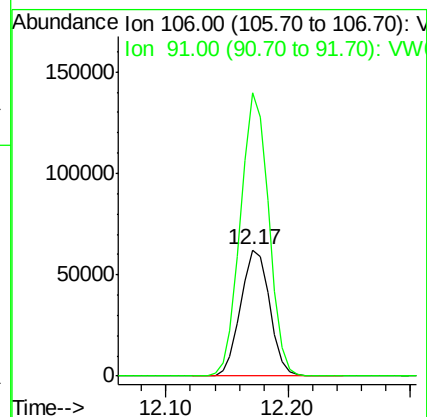
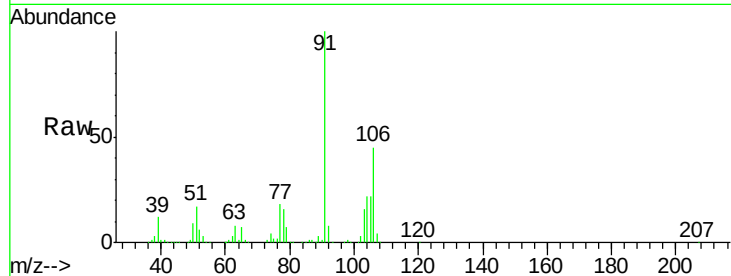




#69
o-Xylene
Concen: 21.279 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

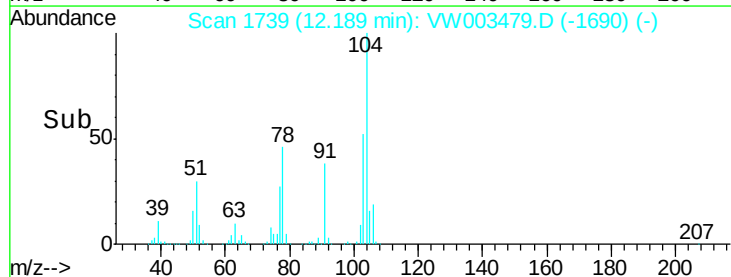
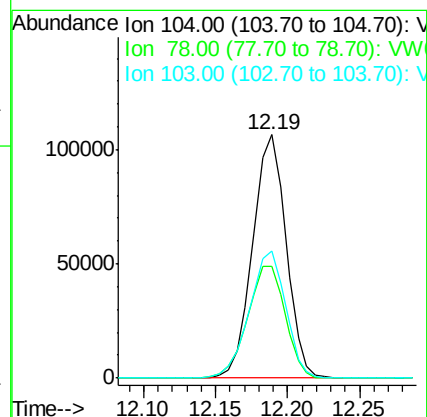
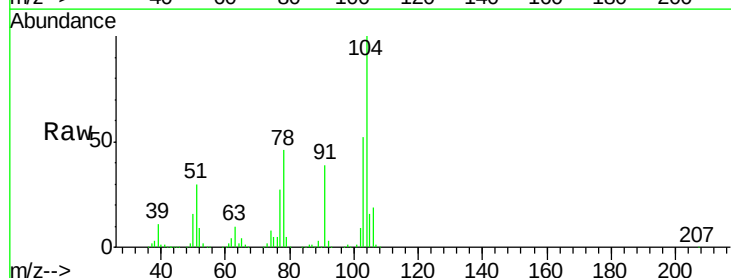
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

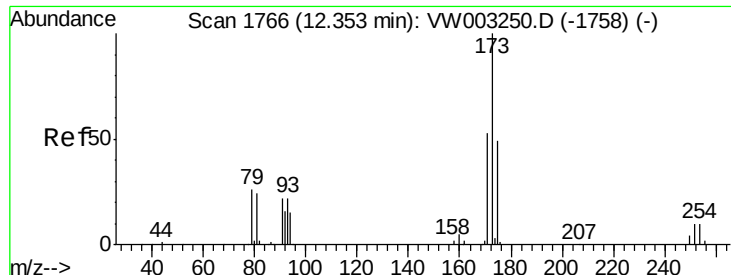
Tgt Ion:106 Resp: 102184
Ion Ratio Lower Upper
106 100
91 218.6 108.6 325.6



#70
Styrene
Concen: 21.350 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion:104 Resp: 170658
Ion Ratio Lower Upper
104 100
78 52.4 41.3 61.9
103 56.8 45.0 67.4





#71

Bromoform

Concen: 21.216 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

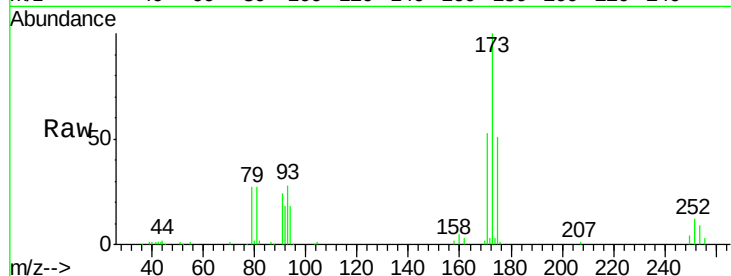
Tgt Ion:173 Resp: 29713

Ion Ratio Lower Upper

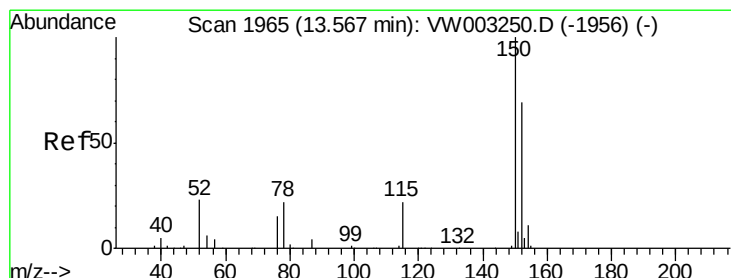
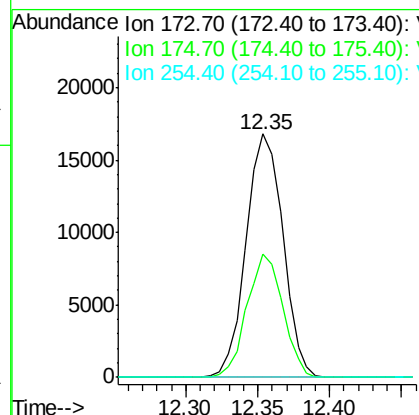
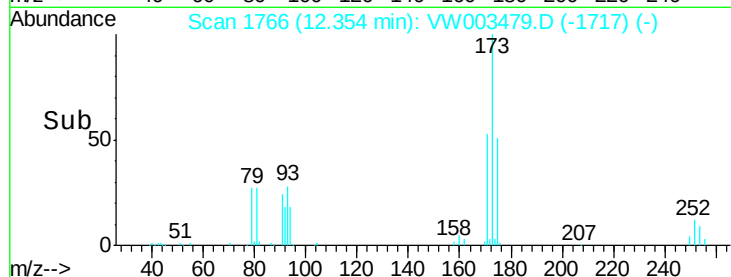
173 100

175 49.3 24.4 73.4

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# 1965

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

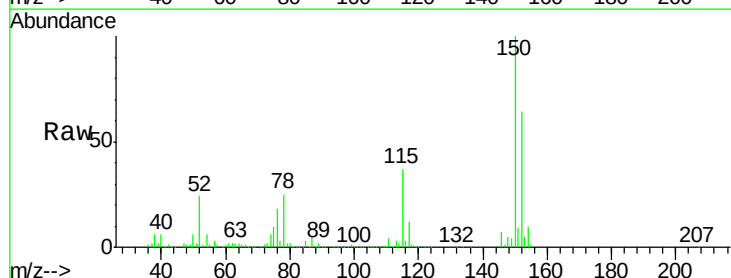
Tgt Ion:152 Resp: 198924

Ion Ratio Lower Upper

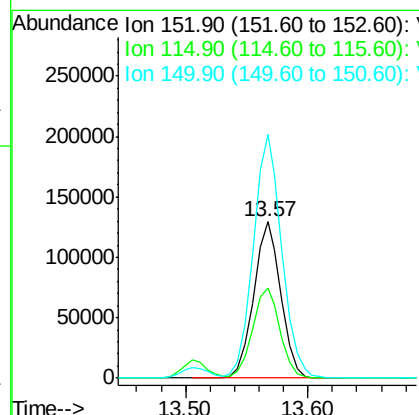
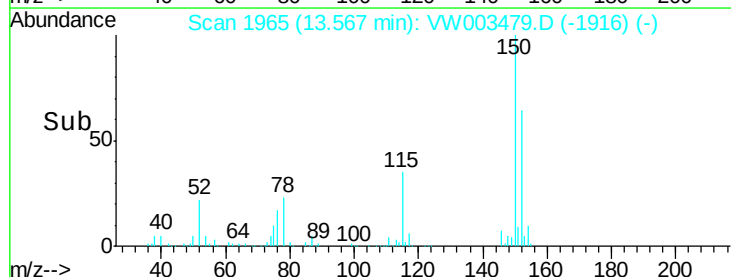
152 100

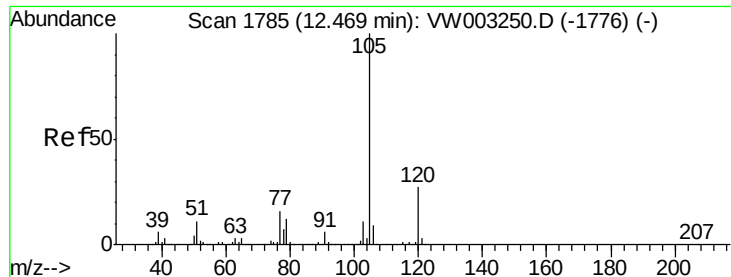
115 58.6 29.3 88.0

150 163.8 0.0 349.6



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: 20.373 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

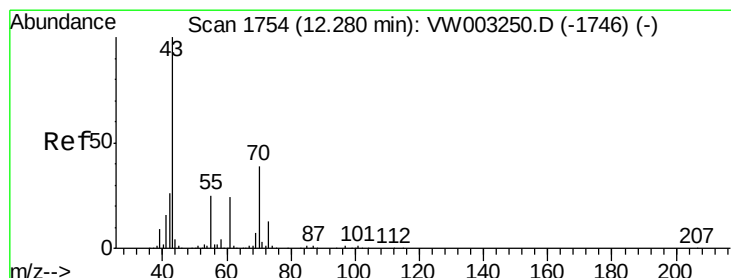
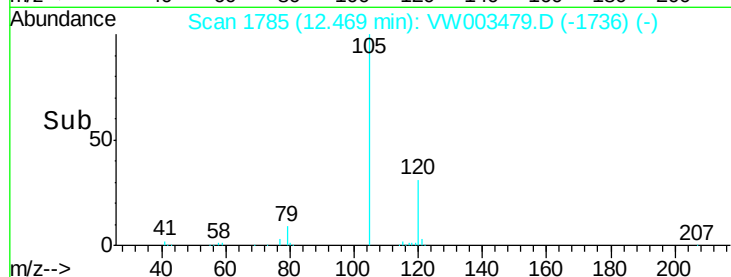
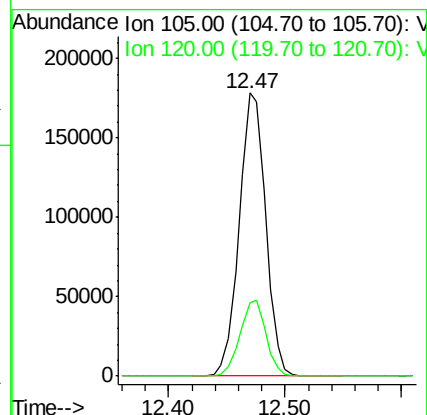
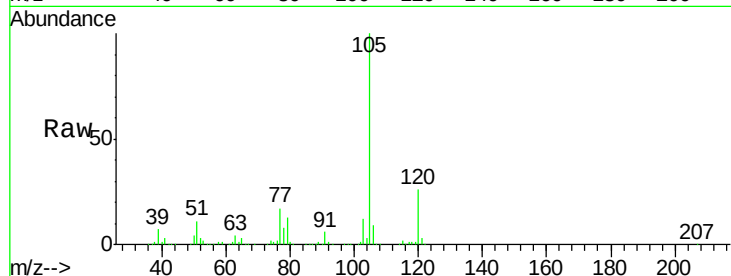
VW0623SBS02

Tgt Ion:105 Resp: 281882

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 22.610 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion: 43 Resp: 71204

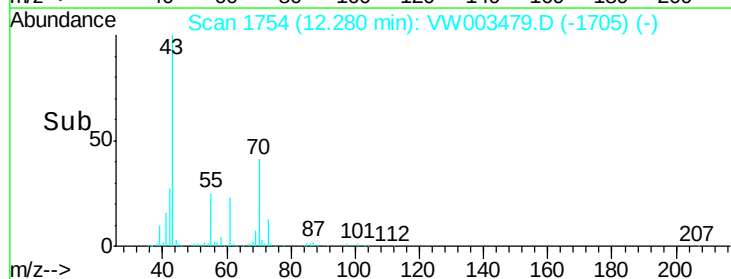
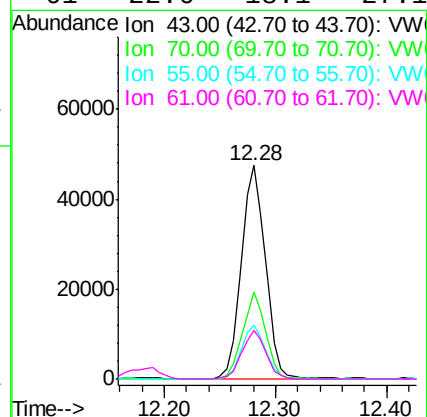
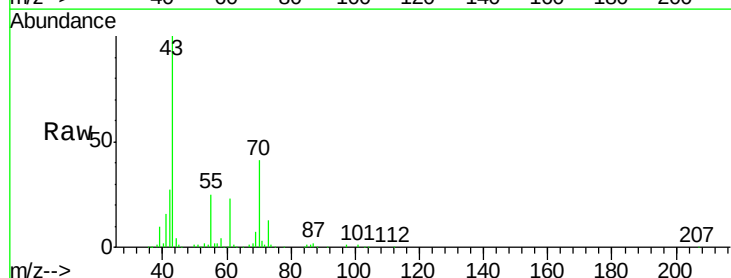
Ion Ratio Lower Upper

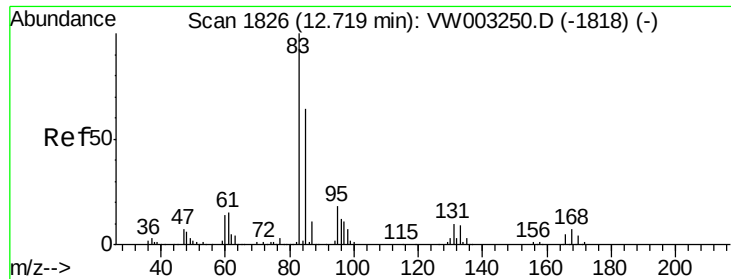
43 100

70 38.6 31.0 46.6

55 25.4 19.7 29.5

61 22.6 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.955 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

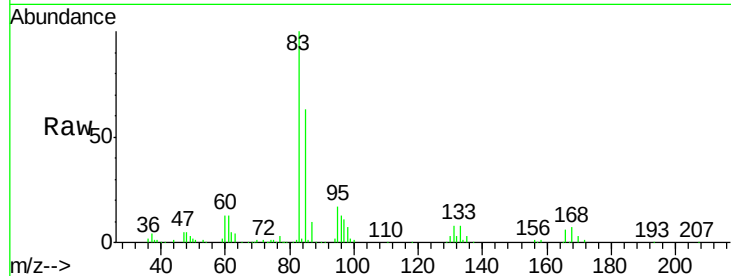
Tgt Ion: 83 Resp: 51391

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

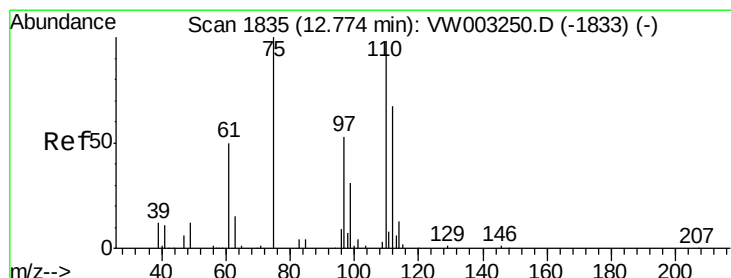
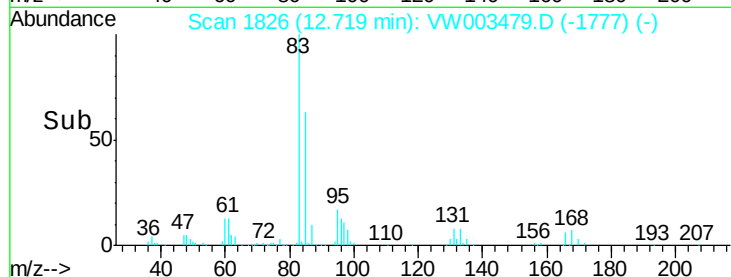
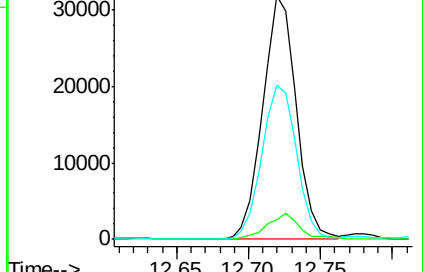
85 65.6 31.9 95.7



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: 41.380 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003479.D

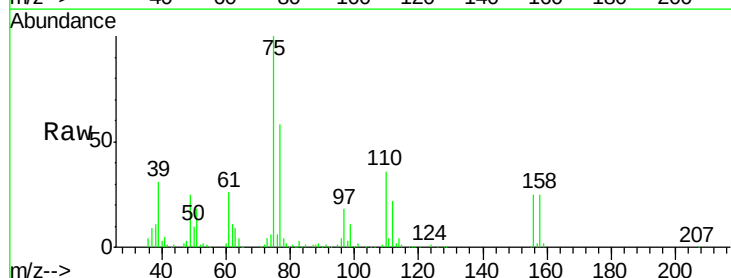
Acq: 24 Jun 2018 01:04

Tgt Ion: 75 Resp: 70369

Ion Ratio Lower Upper

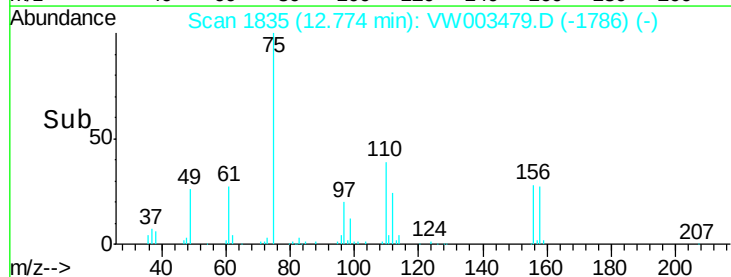
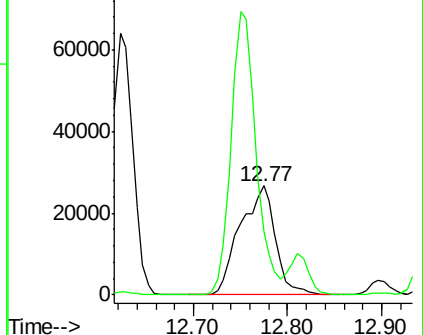
75 100

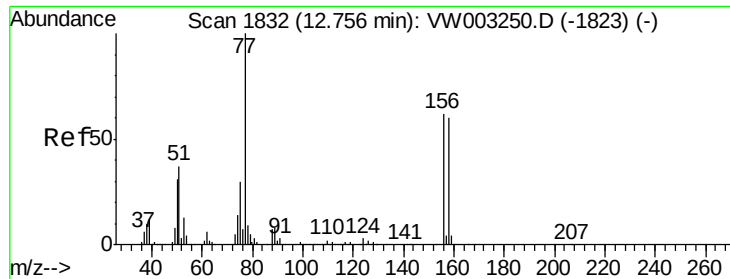
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.487 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

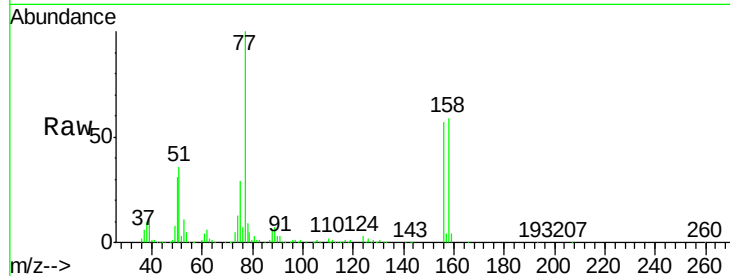
Tgt Ion:156 Resp: 66015

Ion Ratio Lower Upper

156 100

77 194.3 92.3 276.9

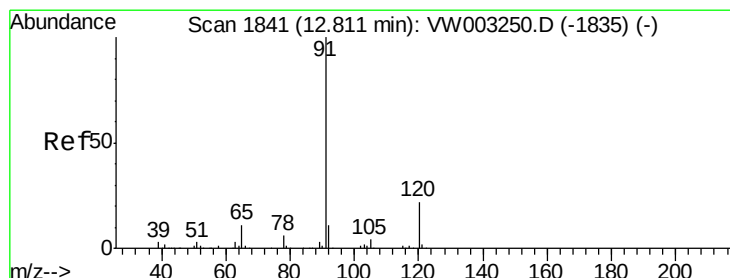
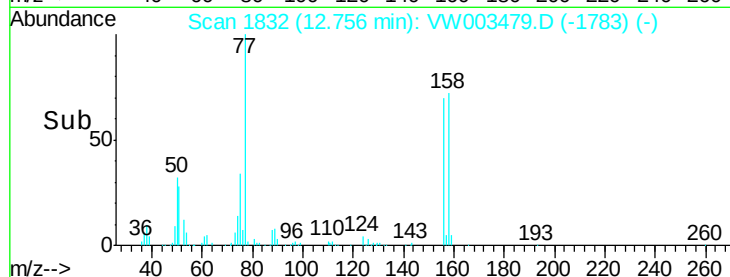
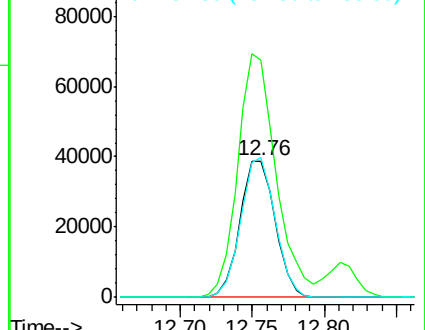
158 99.6 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.662 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003479.D

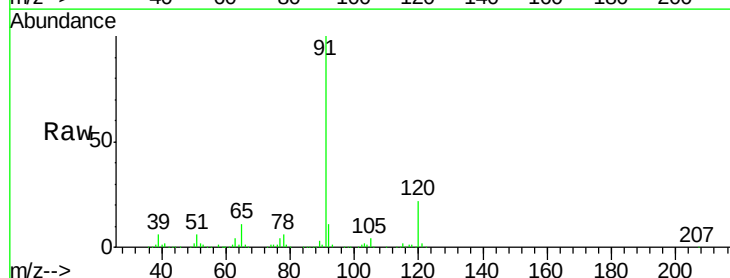
Acq: 24 Jun 2018 01:04

Tgt Ion: 91 Resp: 350046

Ion Ratio Lower Upper

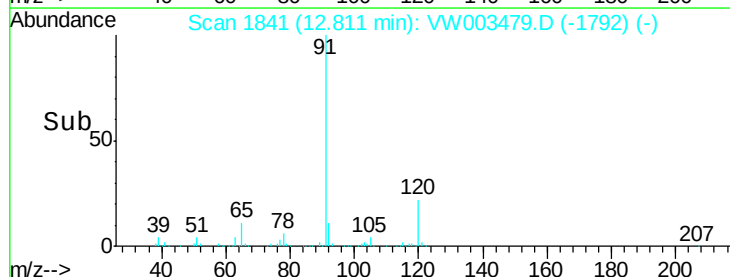
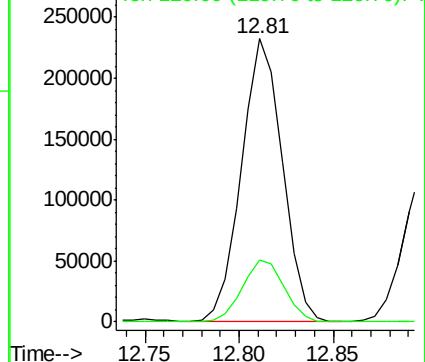
91 100

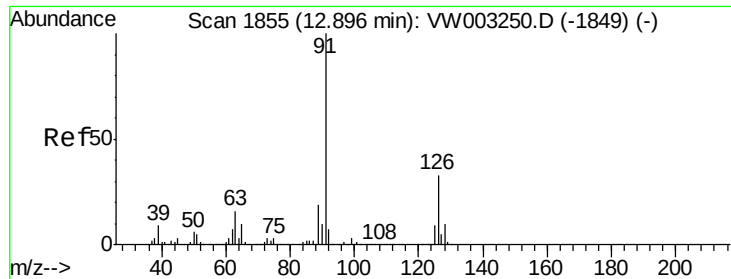
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.199 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

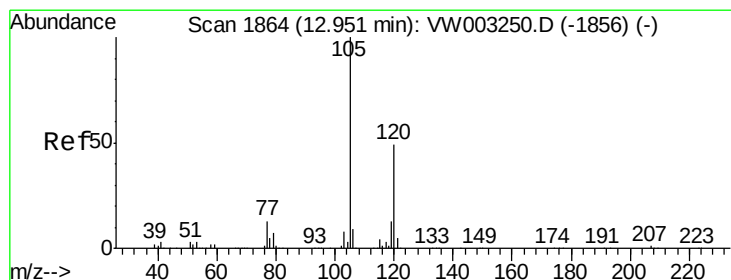
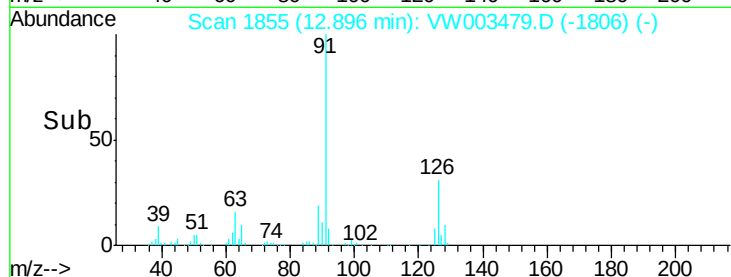
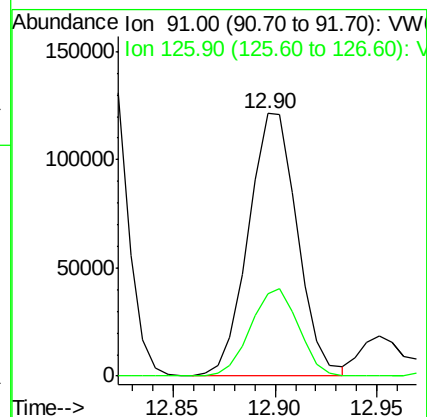
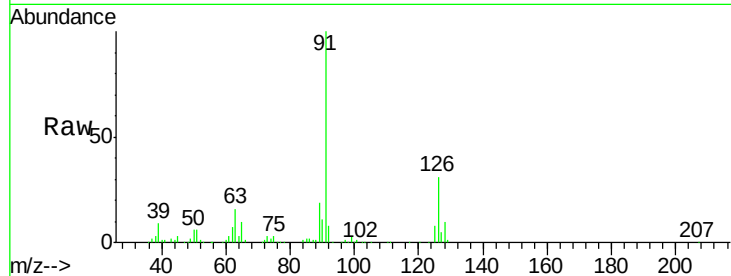
VW0623SBS02

Tgt Ion: 91 Resp: 202965

Ion Ratio Lower Upper

91 100

126 32.6 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 21.027 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003479.D

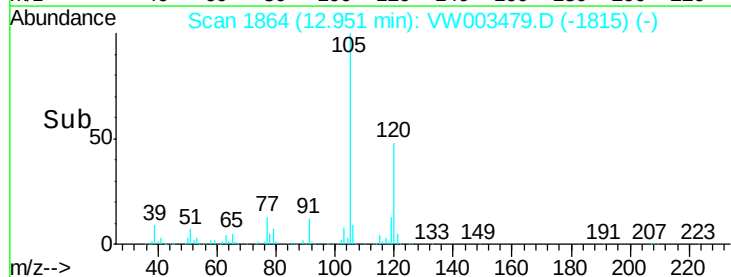
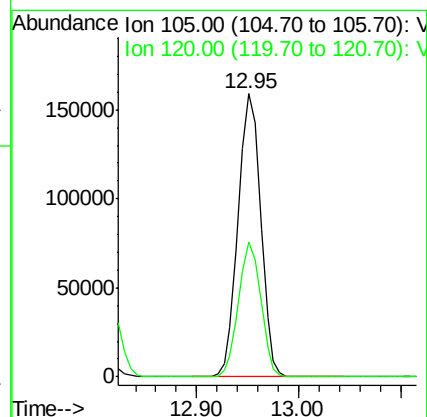
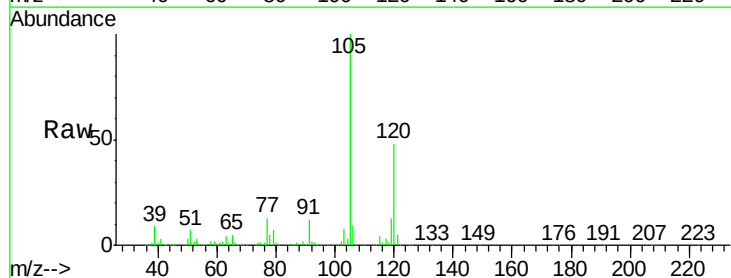
Acq: 24 Jun 2018 01:04

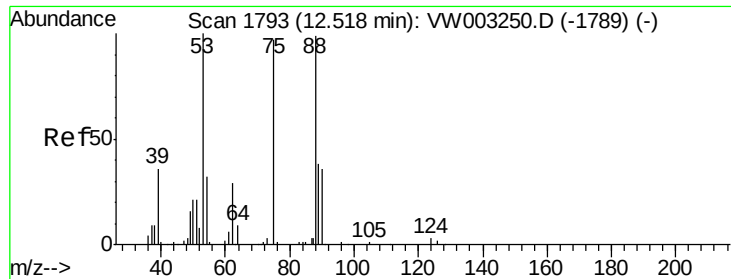
Tgt Ion: 105 Resp: 244196

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.9

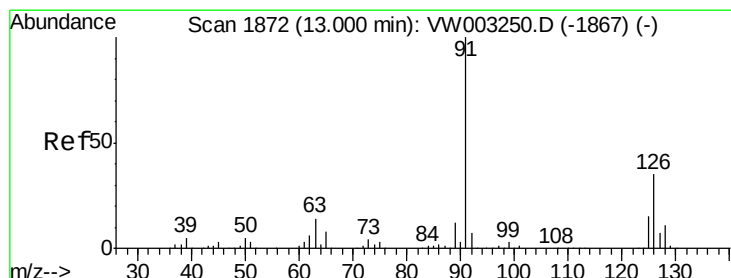
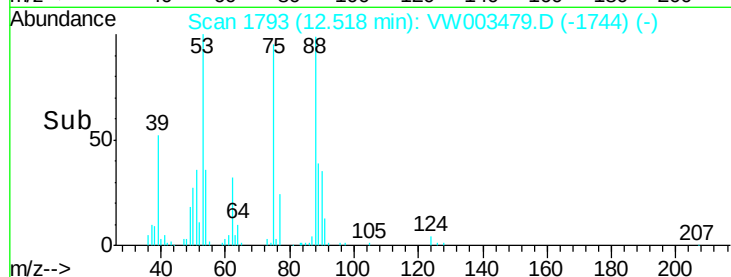
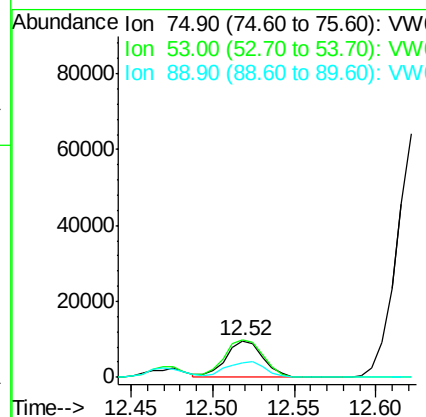
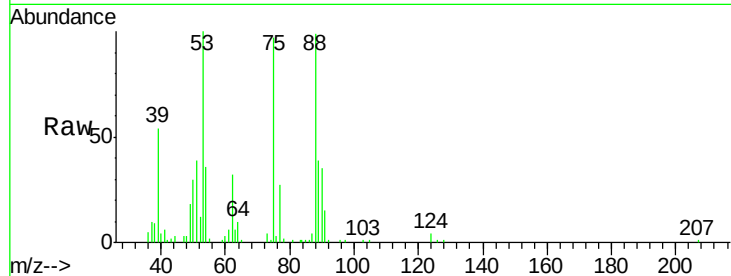




#81
trans-1,4-Dichloro-2-butene
Concen: 20.681 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

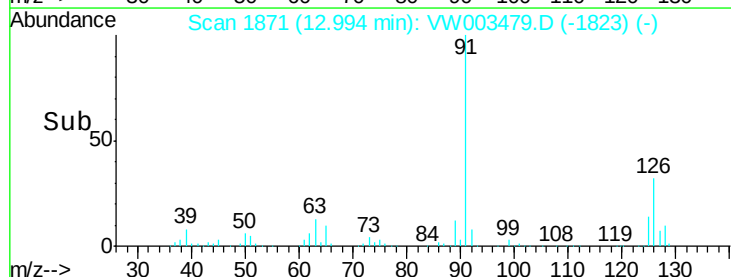
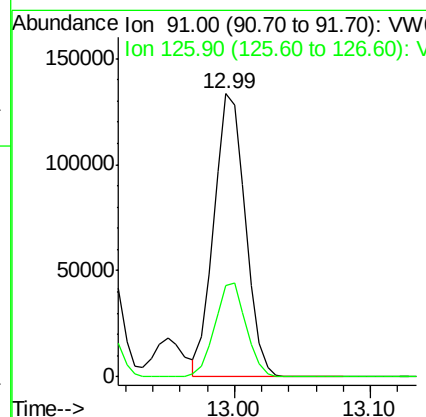
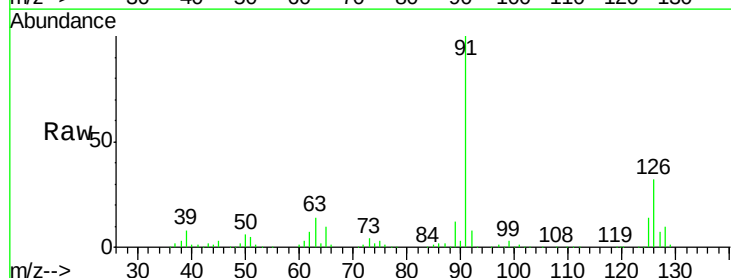
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

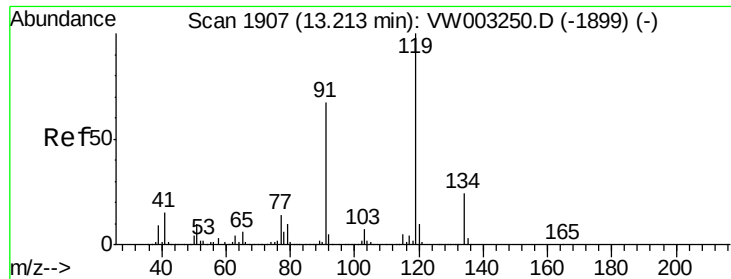
Tgt Ion: 75 Resp: 15284
Ion Ratio Lower Upper
75 100
53 107.1 82.9 124.3
89 45.7 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.890 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 91 Resp: 212166
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.3

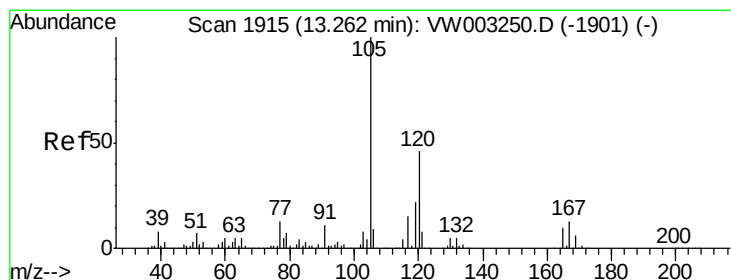
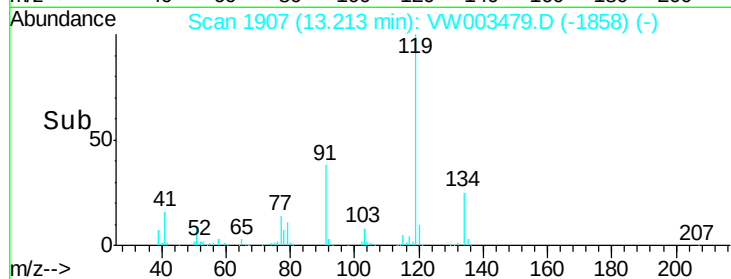
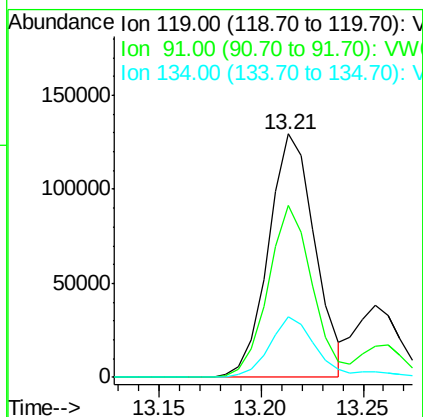
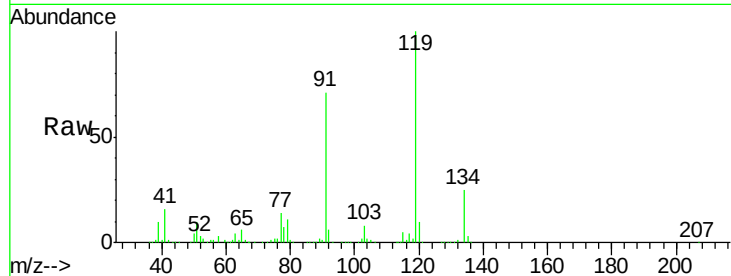




#83
 tert-Butylbenzene
 Concen: 20.729 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

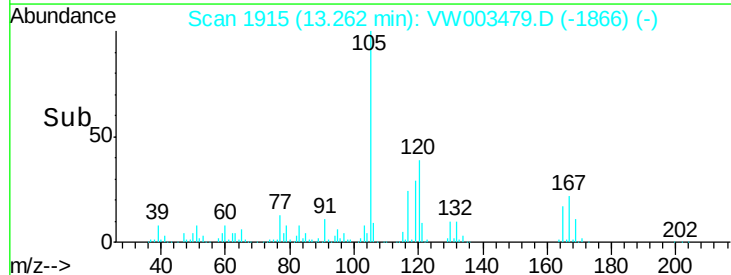
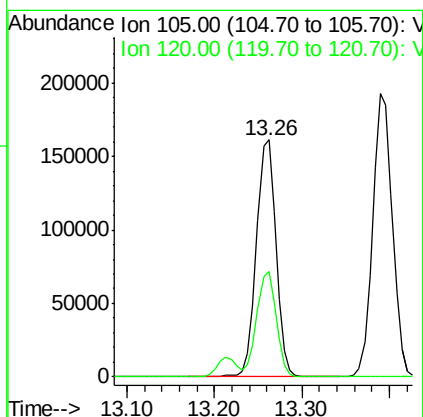
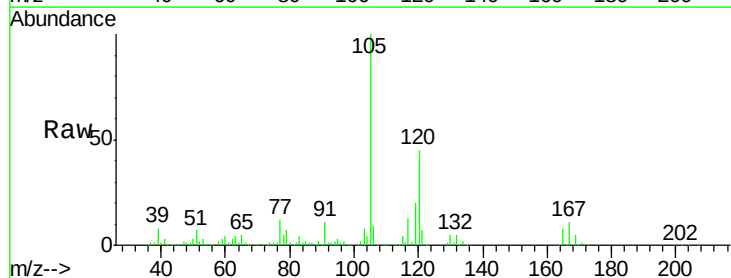
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

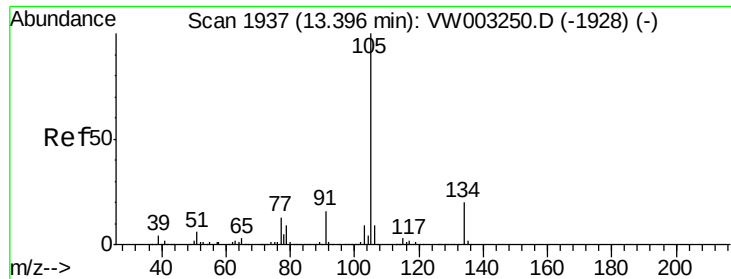
Tgt Ion:119 Resp: 205158
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.9 101.7
 134 26.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.110 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion:105 Resp: 252189
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.5 67.5

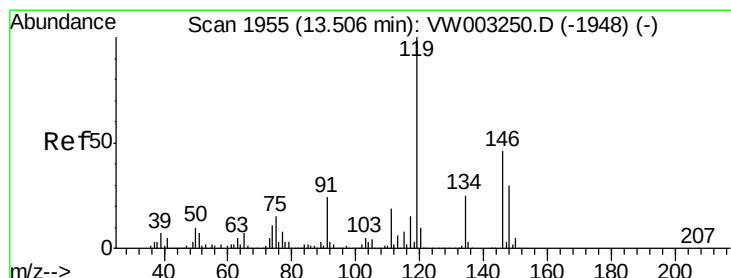
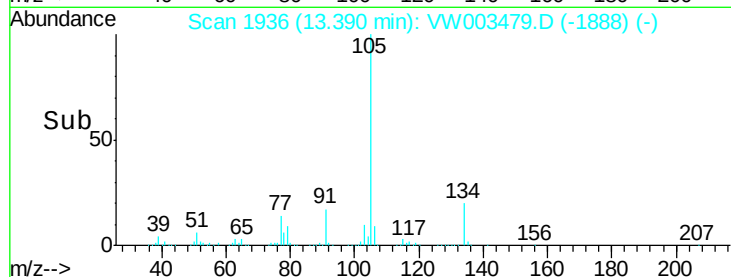
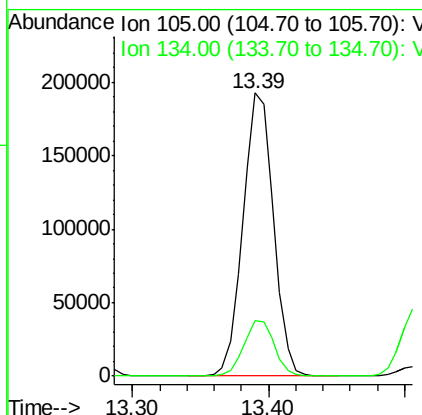
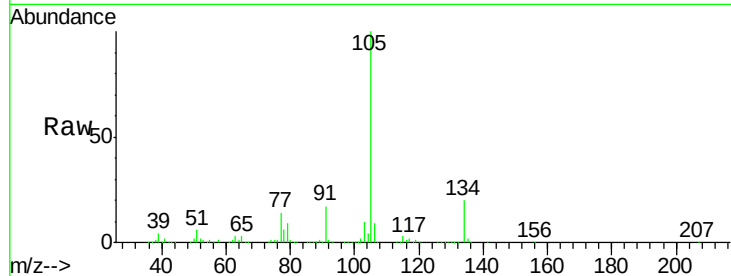




#85
 sec-Butylbenzene
 Concen: 20.522 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

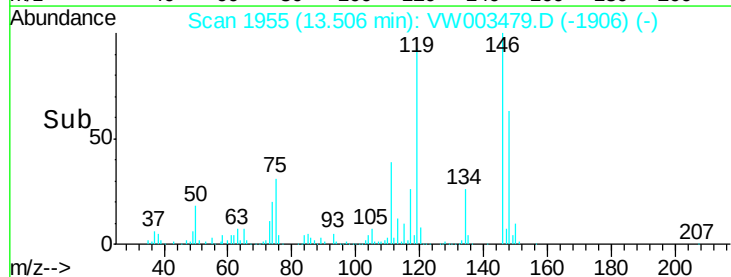
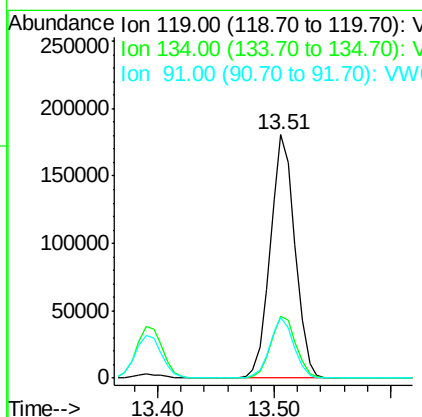
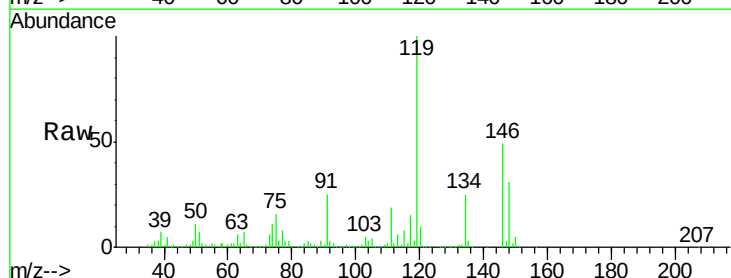
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

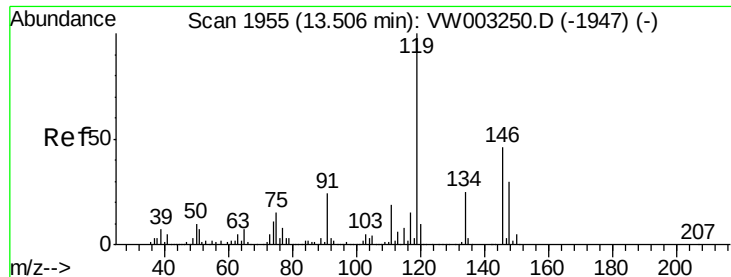
Tgt Ion:105 Resp: 301905
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.410 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion:119 Resp: 264828
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.4 11.8 35.3

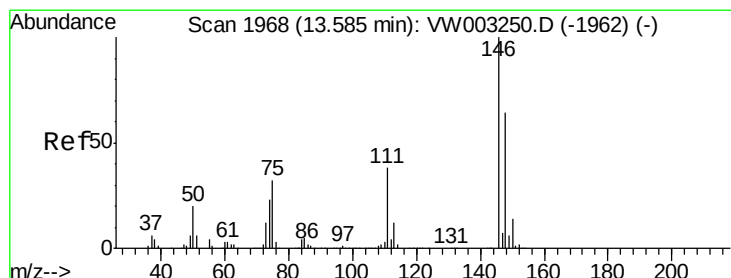
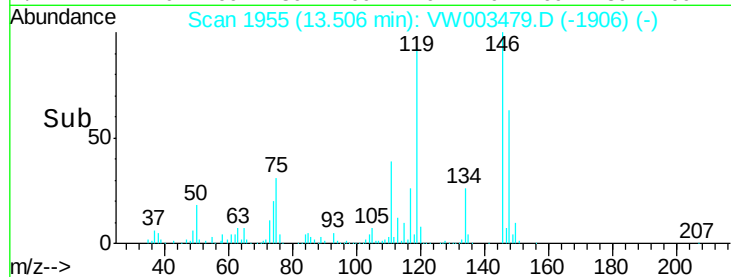
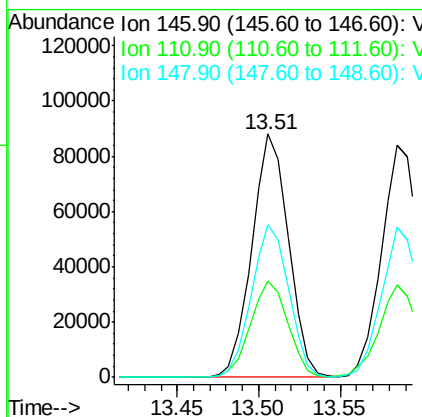
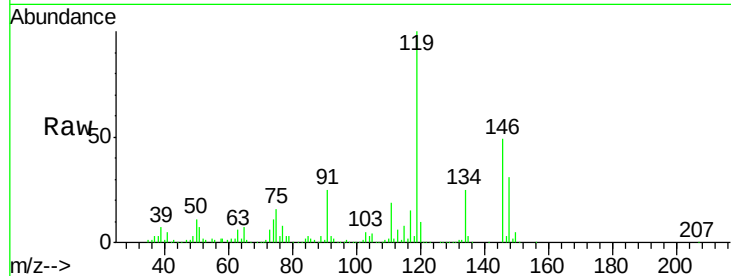




#87
 1,3-Dichlorobenzene
 Concen: 20.809 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

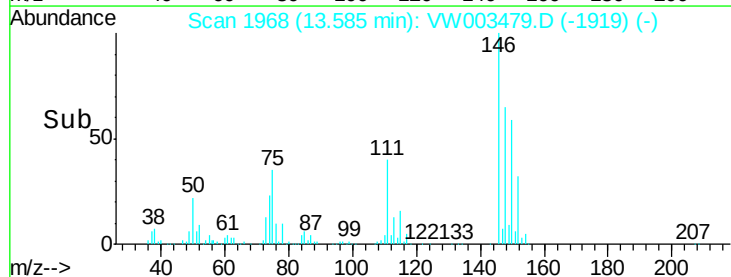
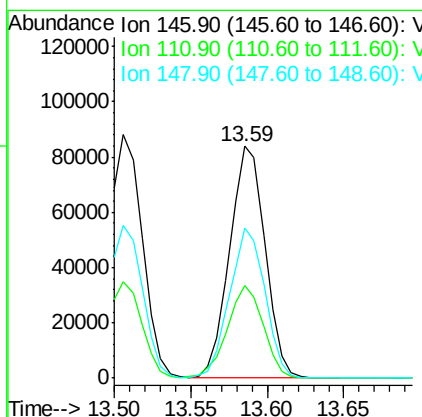
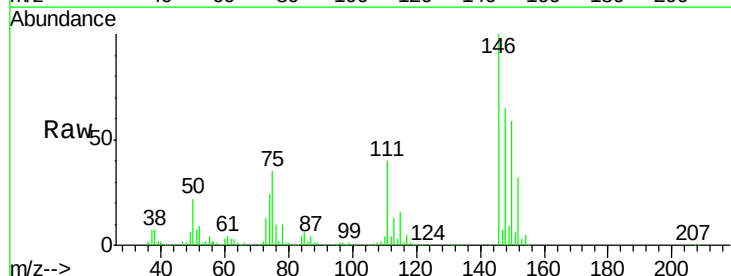
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

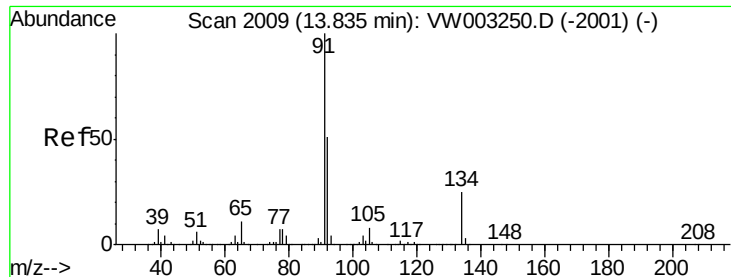
Tgt Ion:146 Resp: 137748
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.8 59.4
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.550 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion:146 Resp: 135231
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.2 57.6
 148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 19.910 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

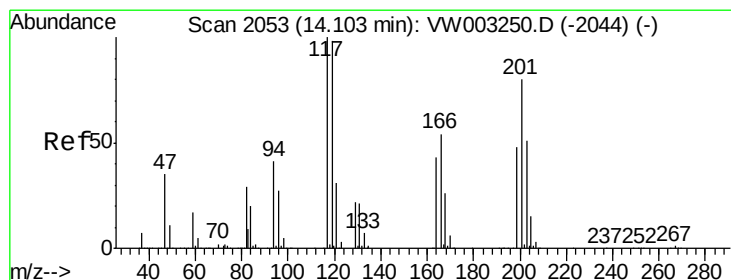
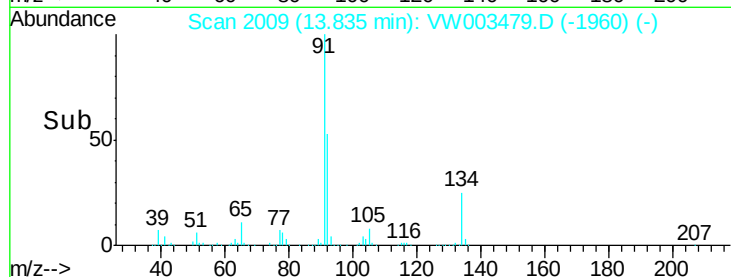
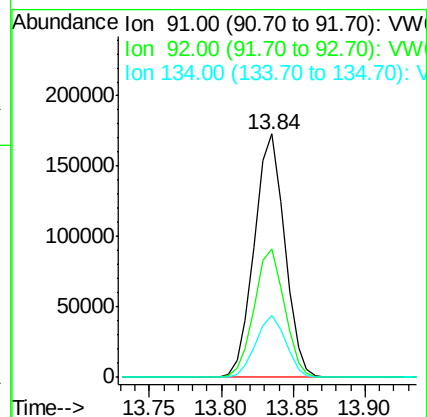
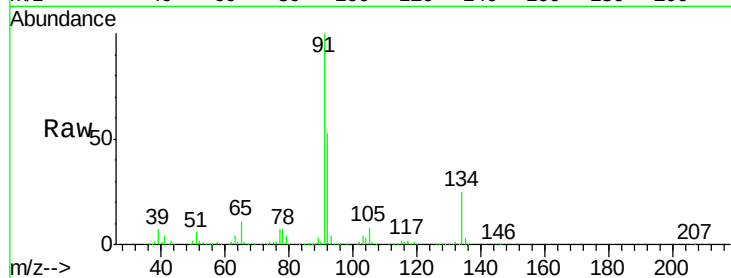
Tgt Ion: 91 Resp: 251813

Ion Ratio Lower Upper

91 100

92 52.6 26.0 78.0

134 25.0 12.7 38.0



#90

Hexachloroethane

Concen: 20.560 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003479.D

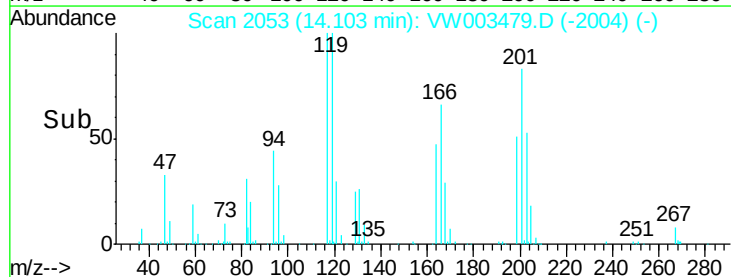
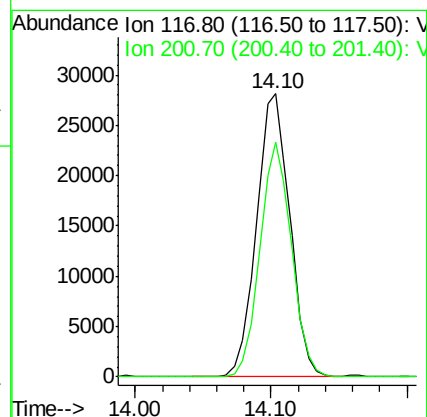
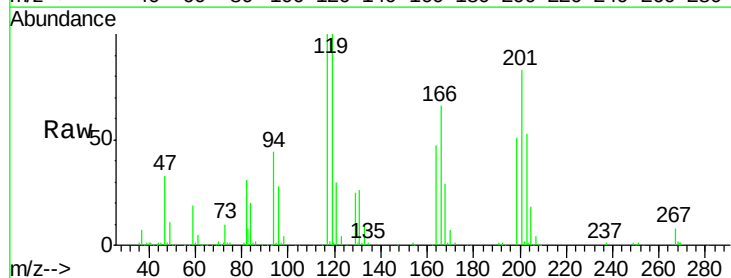
Acq: 24 Jun 2018 01:04

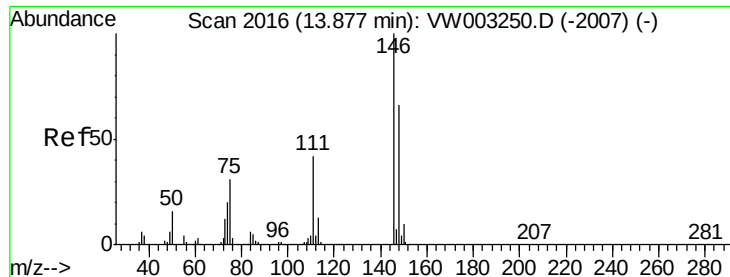
Tgt Ion: 117 Resp: 48258

Ion Ratio Lower Upper

117 100

201 78.2 39.5 118.5

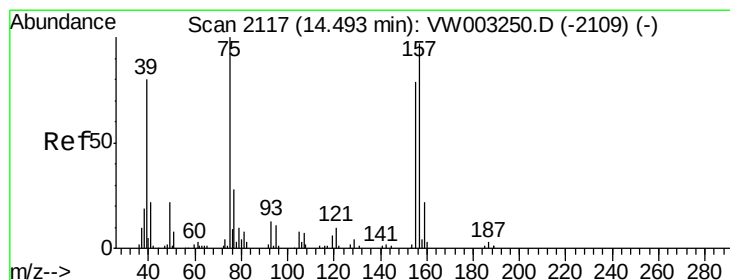
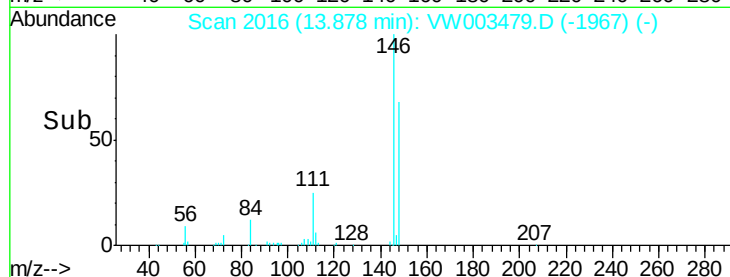
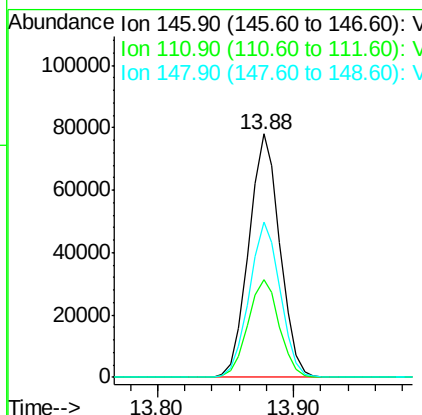
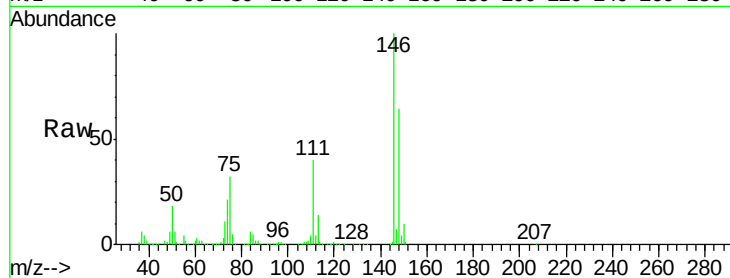




#91
 1,2-Dichlorobenzene
 Concen: 21.537 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

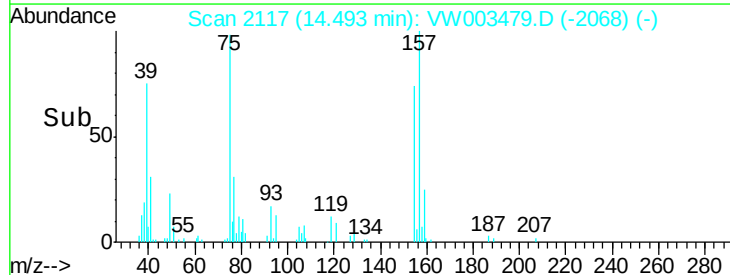
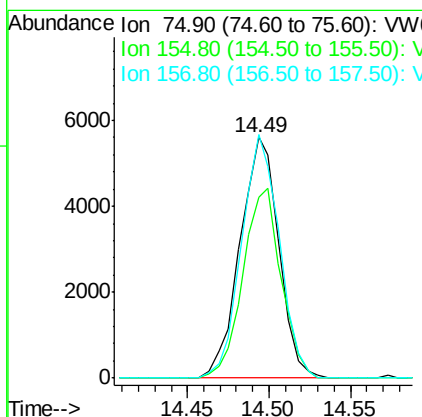
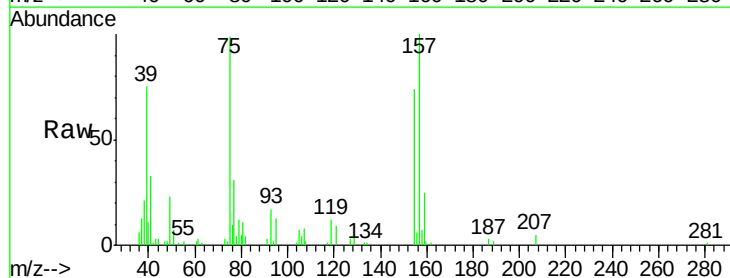
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

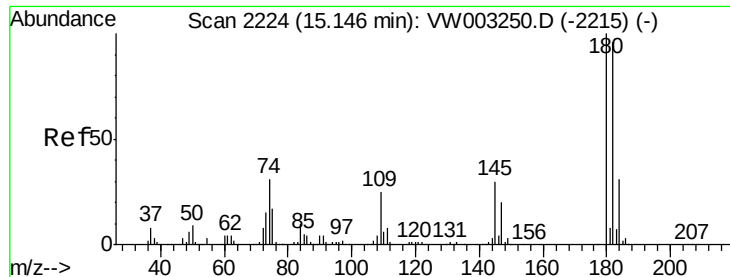
Tgt Ion: 146 Resp: 124878
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 61.0
 148 63.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.482 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 75 Resp: 9250
 Ion Ratio Lower Upper
 75 100
 155 77.9 39.4 118.2
 157 98.1 51.5 154.5

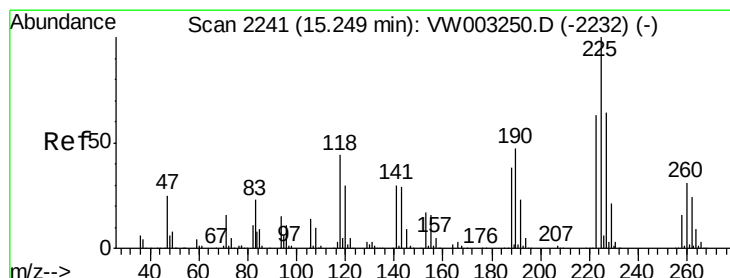
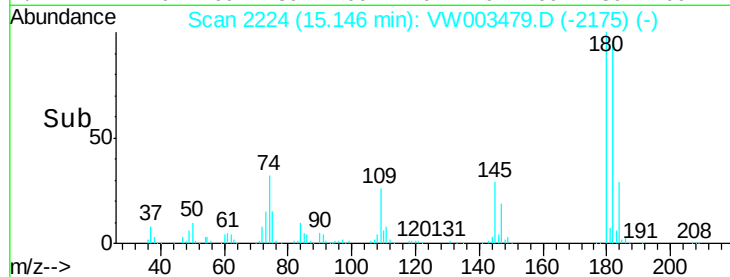
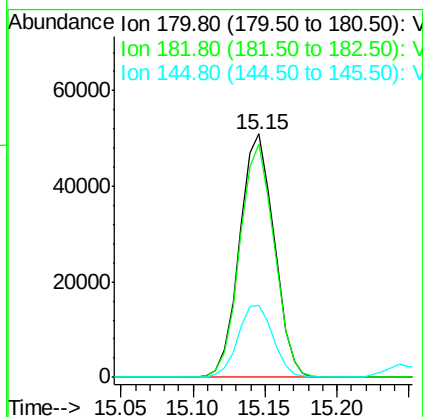
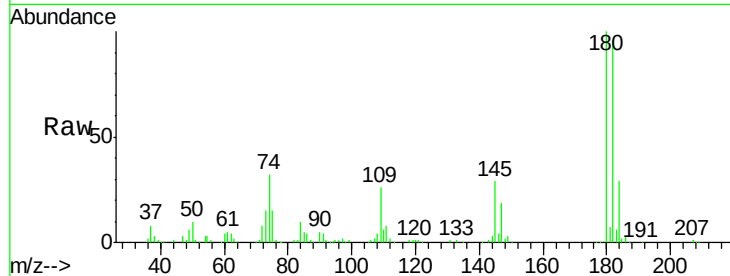




#93
 1,2,4-Trichlorobenzene
 Concen: 20.751 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

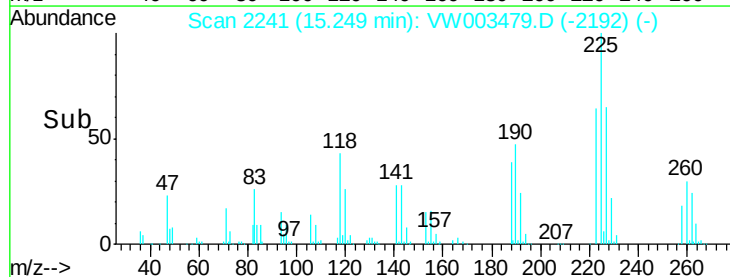
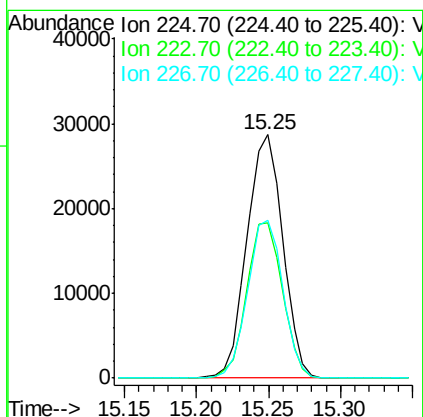
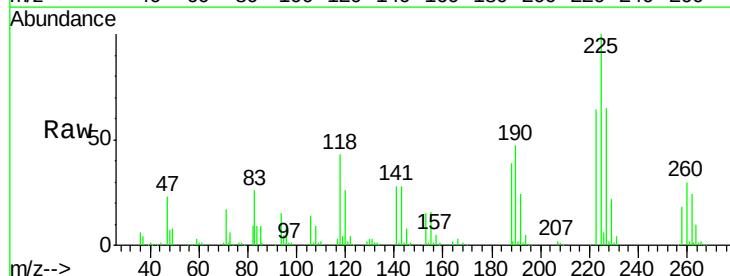
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

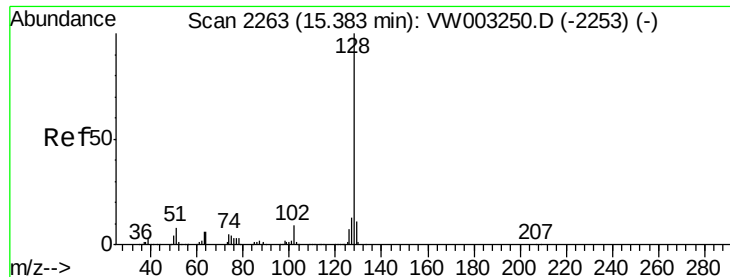
Tgt Ion:180 Resp: 84469
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.6
 145 30.3 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 20.159 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion:225 Resp: 49360
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.6 92.0
 227 63.9 31.7 95.1

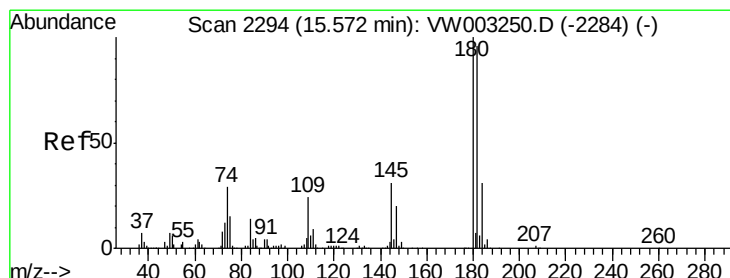
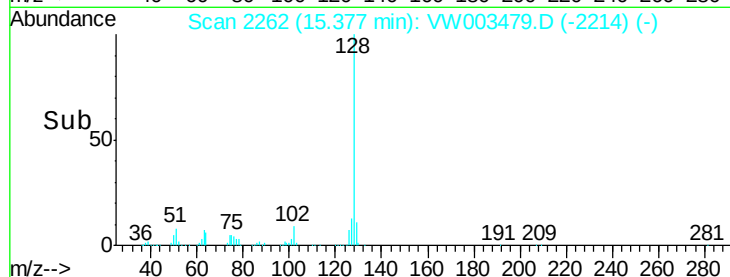
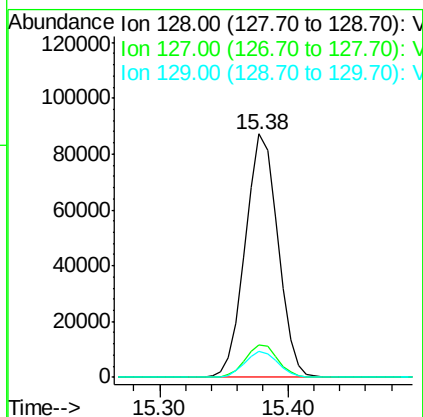
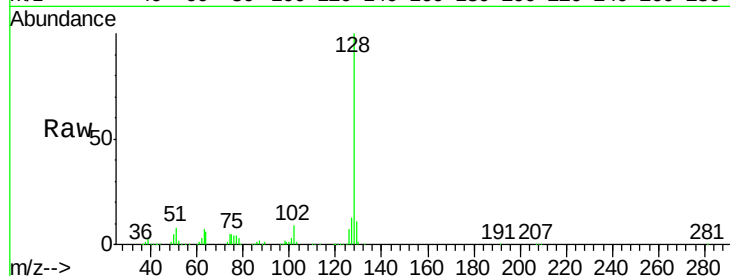




#95
Naphthalene
Concen: 22.101 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tgt Ion:128 Resp: 152608
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.225 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion:180 Resp: 76049
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.6
145 31.4 15.8 47.4

