

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004202.D
 Acq On : 25 Jul 2018 19:53
 Operator : SY/AP
 Sample : VW0726SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Quant Time: Jul 26 05:11:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185156	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	150129	58.10	ug/l	0.00
Spiked Amount			Recovery	=	116.20%	
35) Dibromofluoromethane	7.88	113	131784	56.57	ug/l	0.00
Spiked Amount			Recovery	=	113.14%	
50) Toluene-d8	10.33	98	520426	57.57	ug/l	0.00
Spiked Amount			Recovery	=	115.14%	
62) 4-Bromofluorobenzene	12.62	95	185868	57.02	ug/l	0.00
Spiked Amount			Recovery	=	114.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	25768	19.848	ug/l	97
3) Chloromethane	2.21	50	41186	24.102	ug/l	96
4) Vinyl Chloride	2.35	62	51384	21.862	ug/l	98
5) Bromomethane	2.76	94	29814	20.295	ug/l	100
6) Chloroethane	2.92	64	27098	20.292	ug/l	97
7) Trichlorofluoromethane	3.24	101	20797	21.076	ug/l	99
8) Diethyl Ether	3.67	74	26072	22.762	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	53312	23.413	ug/l	99
10) Methyl Iodide	4.26	142	73285	22.409	ug/l	100
11) Tert butyl alcohol	5.18	59	23151	129.778	ug/l	97
12) 1,1-Dichloroethene	4.03	96	51680	23.002	ug/l	98
13) Acrolein	3.89	56	19081	104.100	ug/l	99
14) Allyl chloride	4.65	41	82516	22.251	ug/l	98
15) Acrylonitrile	5.37	53	69731	118.808	ug/l	100
16) Acetone	4.12	43	64375	103.669	ug/l	97
17) Carbon Disulfide	4.37	76	160320	22.861	ug/l	98
18) Methyl Acetate	4.67	43	34613	23.221	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	93281	21.664	ug/l	97
20) Methylene Chloride	4.91	84	62151	17.572	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	55906	22.701	ug/l	96
22) Diisopropyl ether	6.31	45	180893	24.135	ug/l	98
23) Vinyl Acetate	6.26	43	543360	114.419	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106915	23.379	ug/l	99
25) 2-Butanone	7.18	43	94438	113.013	ug/l	99
26) 2,2-Dichloropropane	7.17	77	56730	21.611	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59051	22.181	ug/l	100
28) Bromochloromethane	7.51	49	46090	24.627	ug/l	100
29) Tetrahydrofuran	7.54	42	60290	115.827	ug/l	100
30) Chloroform	7.68	83	106565	23.427	ug/l	98
31) Cyclohexane	7.95	56	92524	21.583	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	79186	22.292	ug/l	98
36) 1,1-Dichloropropene	8.09	75	83153	22.258	ug/l	99
37) Ethyl Acetate	7.26	43	42841	23.775	ug/l	99
38) Carbon Tetrachloride	8.07	117	77961	22.334	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90569	20.701	ug/l	93
40) Benzene	8.32	78	239894	23.146	ug/l	99
41) Methacrylonitrile	7.48	41	21055	21.088	ug/l	94
42) 1,2-Dichloroethane	8.40	62	73122	23.125	ug/l	100
43) Isopropyl Acetate	8.43	43	76600	22.728	ug/l	100
44) Trichloroethene	9.09	130	59496	22.145	ug/l	97
45) 1,2-Dichloropropane	9.37	63	63294	23.926	ug/l	98
46) Dibromomethane	9.46	93	32633	23.773	ug/l	98
47) Bromodichloromethane	9.65	83	77772	22.982	ug/l	99
48) Methyl methacrylate	9.44	41	36891	22.634	ug/l	99
49) 1,4-Dioxane	9.45	88	10835	513.499	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	211044	117.538	ug/l	99
52) Toluene	10.39	92	149221	23.282	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	77989	22.039	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	90446	22.343	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46493	24.082	ug/l	98
56) Ethyl methacrylate	10.65	69	54115	21.388	ug/l	97
57) 1,3-Dichloropropane	10.93	76	79015	23.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	129036	112.666	ug/l	99
59) 2-Hexanone	10.98	43	147311	116.404	ug/l	97
60) Dibromochloromethane	11.13	129	51372	22.849	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42753	23.274	ug/l	97
64) Tetrachloroethene	10.87	164	52723	22.335	ug/l	99
65) Chlorobenzene	11.66	112	162938	22.273	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56745	22.322	ug/l	99
67) Ethyl Benzene	11.74	91	274580	21.367	ug/l	99
68) m/p-Xylenes	11.85	106	216524	44.083	ug/l	99
69) o-Xylene	12.17	106	96917	21.271	ug/l	99
70) Styrene	12.19	104	168542	22.147	ug/l	99
71) Bromoform	12.35	173	31695	22.082	ug/l #	99
73) Isopropylbenzene	12.47	105	266512	20.370	ug/l	99
74) N-amyl acetate	12.28	43	73270	21.493	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56824	22.458	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	73709	40.099	ug/l #	100
77) Bromobenzene	12.75	156	66454	21.227	ug/l	99
78) n-propylbenzene	12.81	91	341103	21.251	ug/l	100
79) 2-Chlorotoluene	12.90	91	196624	21.719	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	234339	21.283	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16637	20.020	ug/l	93
82) 4-Chlorotoluene	12.99	91	211311	21.751	ug/l	99
83) tert-Butylbenzene	13.21	119	187186	20.250	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	244179	21.555	ug/l	99
85) sec-Butylbenzene	13.39	105	287605	20.969	ug/l	99
86) p-Isopropyltoluene	13.51	119	252284	20.970	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	135437	21.660	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	133604	21.305	ug/l	99
89) n-Butylbenzene	13.83	91	247420	20.920	ug/l	98
90) Hexachloroethane	14.10	117	46846	21.124	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	122856	22.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10132	22.519	ug/l	94

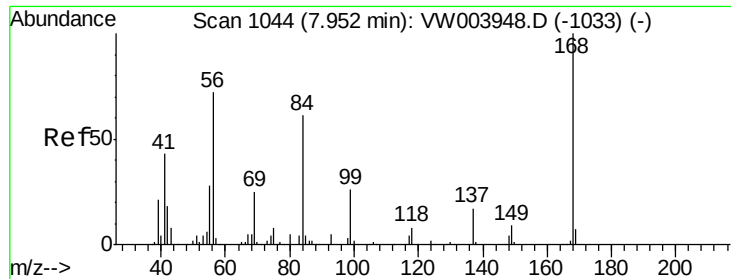
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82804	21.163	ug/l	98
94) Hexachlorobutadiene	15.25	225	48493	21.583	ug/l	98
95) Naphthalene	15.38	128	149953	20.764	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74489	21.503	ug/l	99

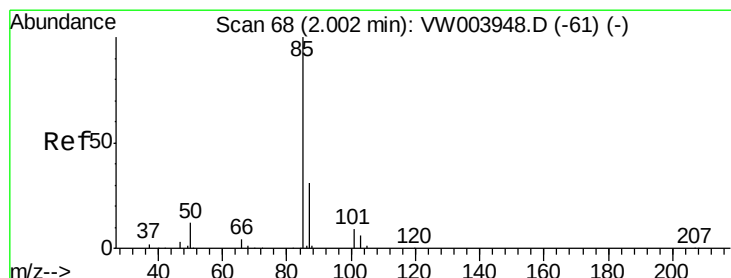
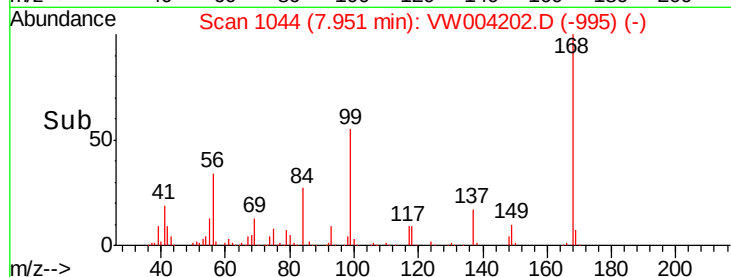
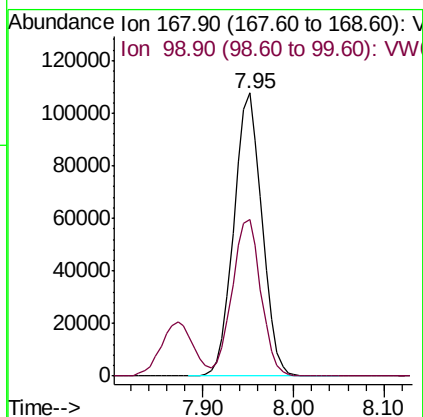
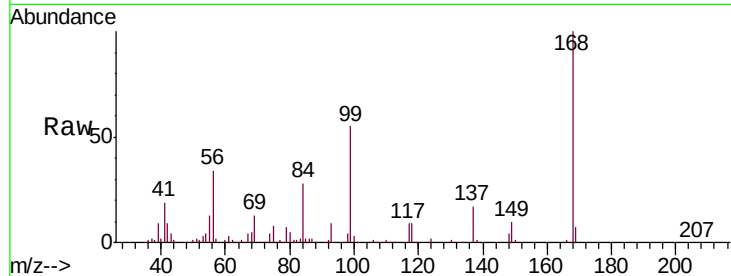
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

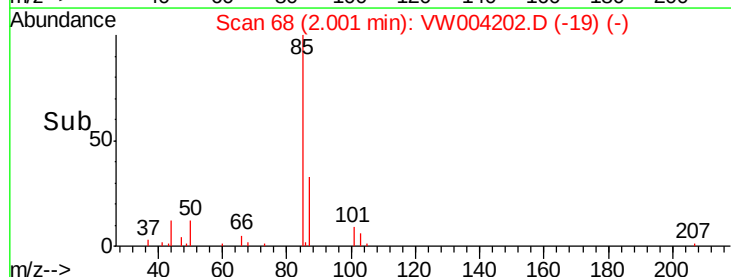
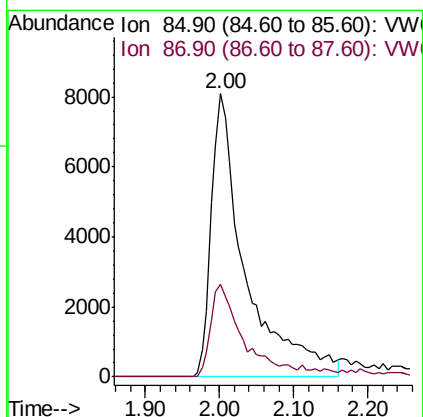
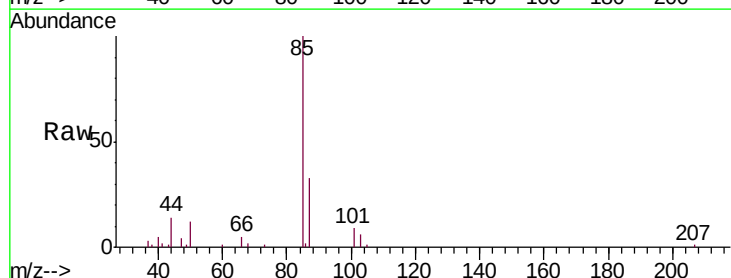
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

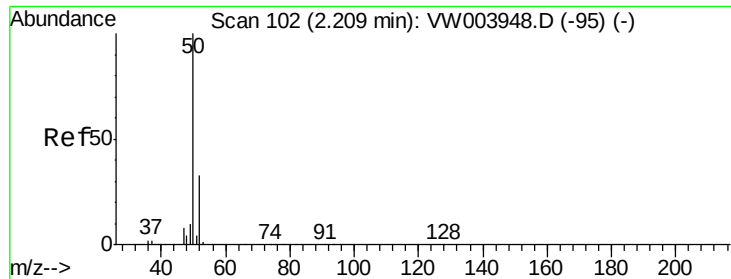
Tgt Ion:168 Resp: 231180
Ion Ratio Lower Upper
168 100
99 55.2 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 19.848 ug/l
RT: 2.00 min Scan# 68
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 85 Resp: 25768
Ion Ratio Lower Upper
85 100
87 32.5 15.4 46.2





#3

Chloromethane

Concen: 24.102 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

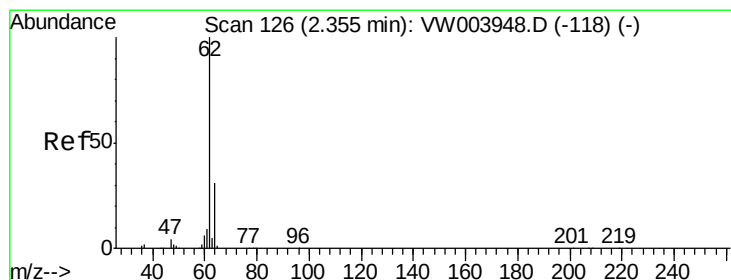
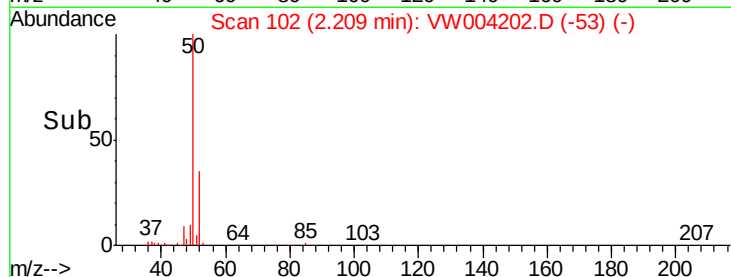
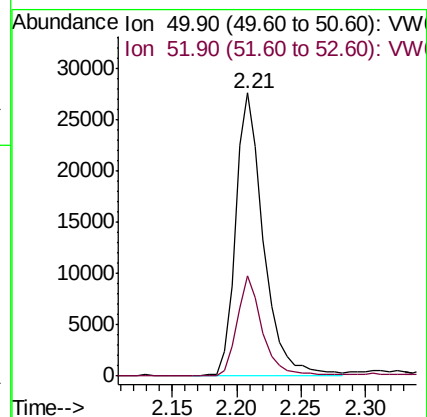
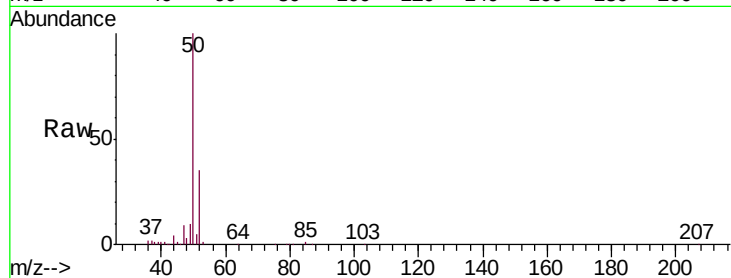
VW0726SBS01

Tgt Ion: 50 Resp: 41186

Ion Ratio Lower Upper

50 100

52 35.4 26.3 39.5



#4

Vinyl Chloride

Concen: 21.862 ug/l

RT: 2.35 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004202.D

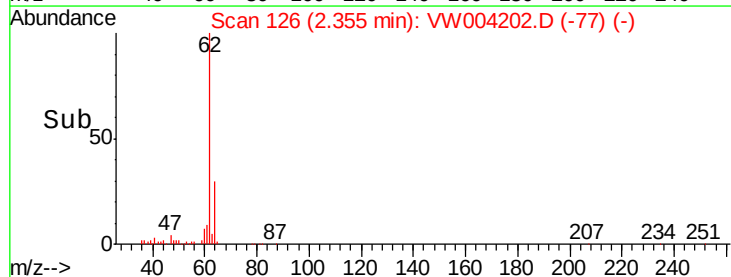
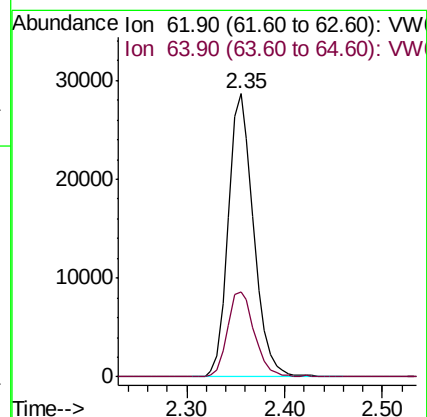
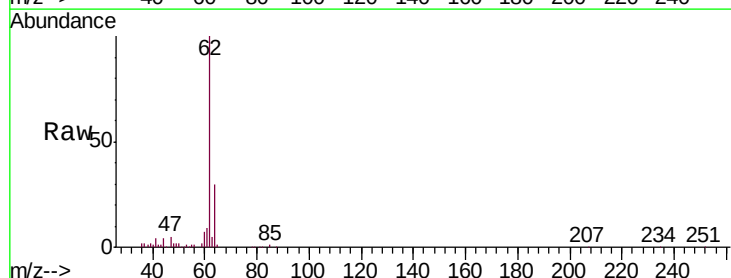
Acq: 25 Jul 2018 19:53

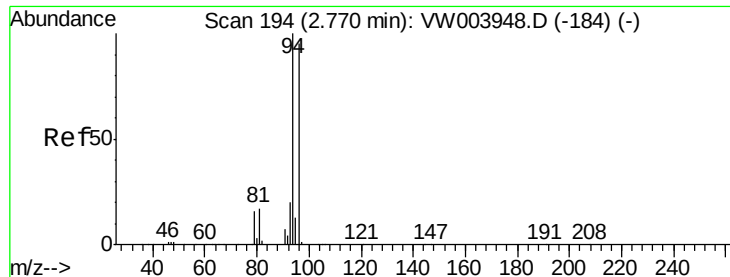
Tgt Ion: 62 Resp: 51384

Ion Ratio Lower Upper

62 100

64 30.2 25.0 37.6





#5

Bromomethane

Concen: 20.295 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

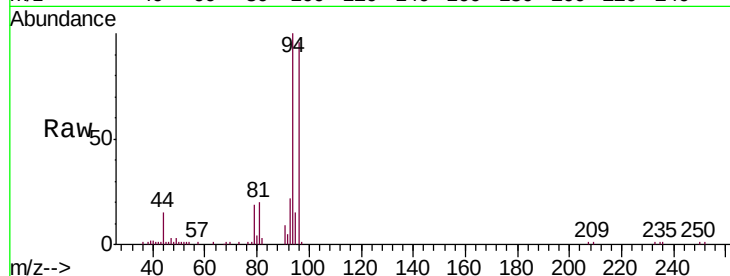
VW0726SBS01

Tgt Ion: 94 Resp: 29814

Ion Ratio Lower Upper

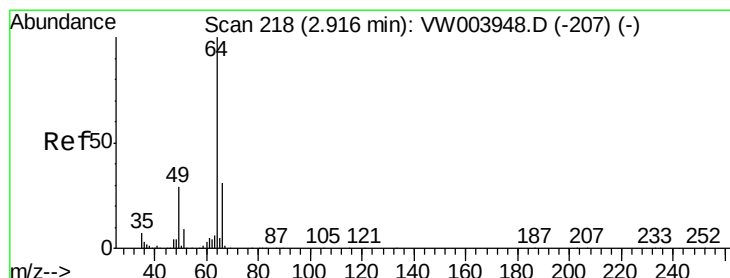
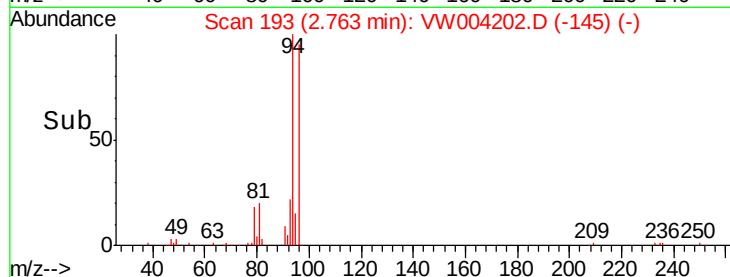
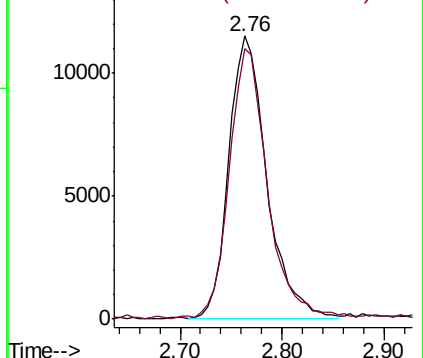
94 100

96 94.6 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.292 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW004202.D

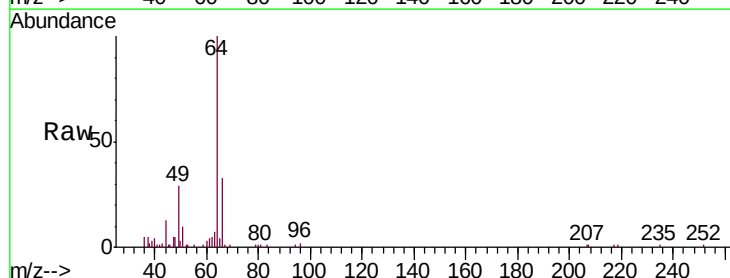
Acq: 25 Jul 2018 19:53

Tgt Ion: 64 Resp: 27098

Ion Ratio Lower Upper

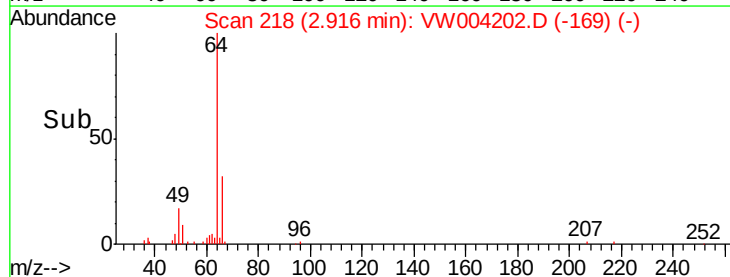
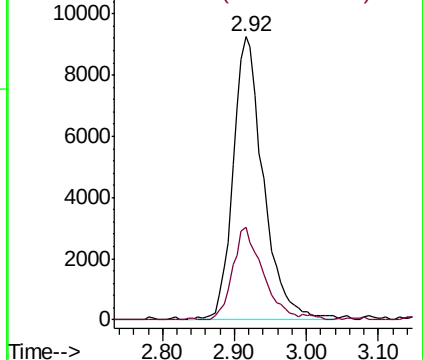
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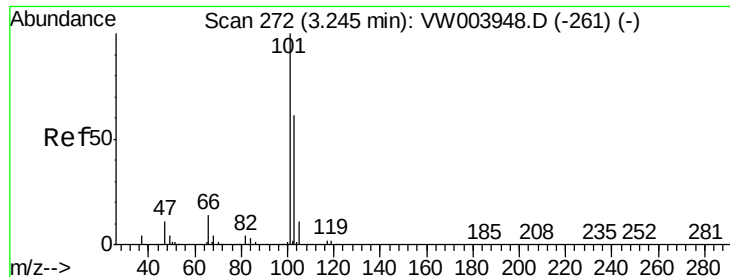
66 32.1 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



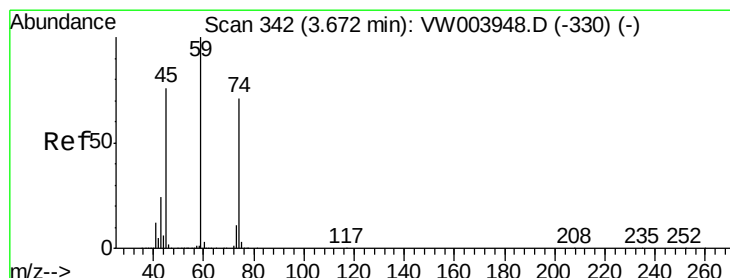
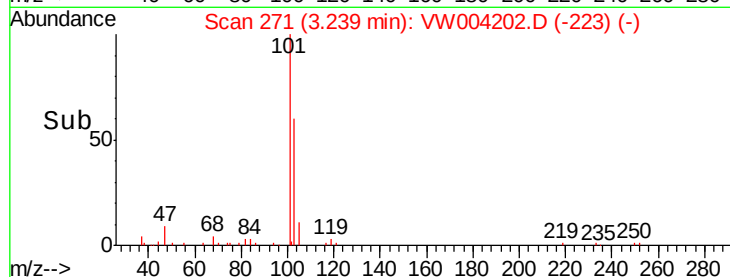
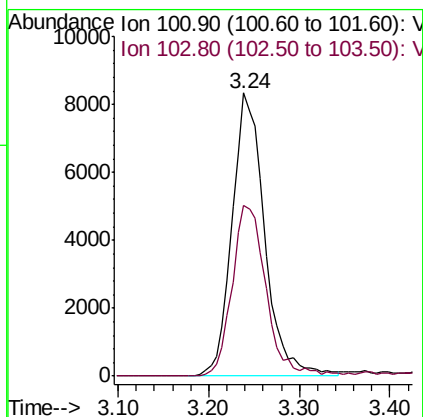
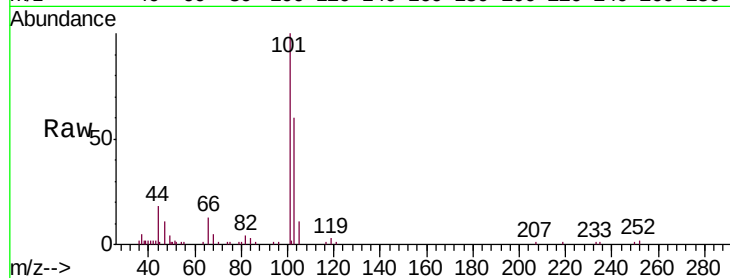


#7

Trichlorofluoromethane
 Concen: 21.076 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

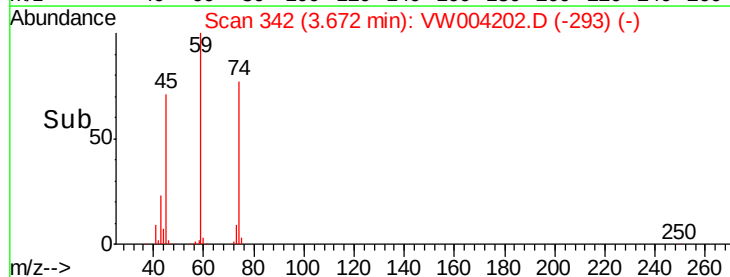
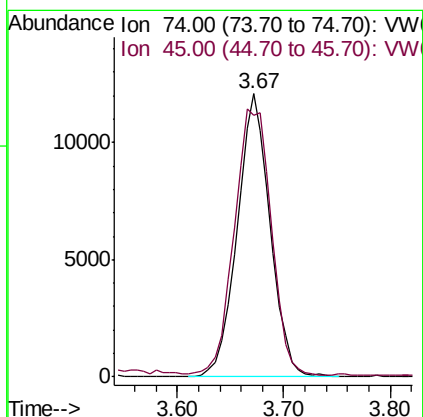
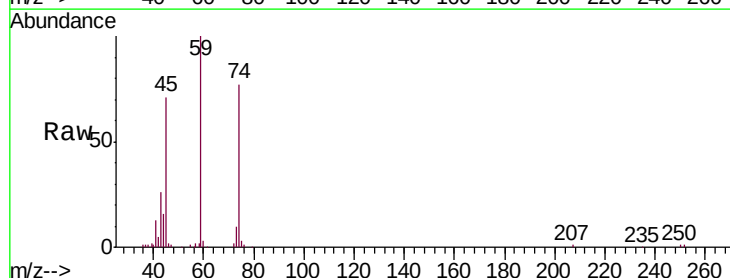
Tgt Ion:101 Resp: 20797
 Ion Ratio Lower Upper
 101 100
 103 60.3 49.0 73.6

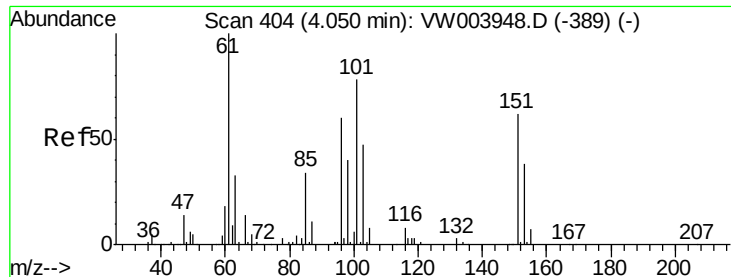


#8

Diethyl Ether
 Concen: 22.762 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion: 74 Resp: 26072
 Ion Ratio Lower Upper
 74 100
 45 107.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.413 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

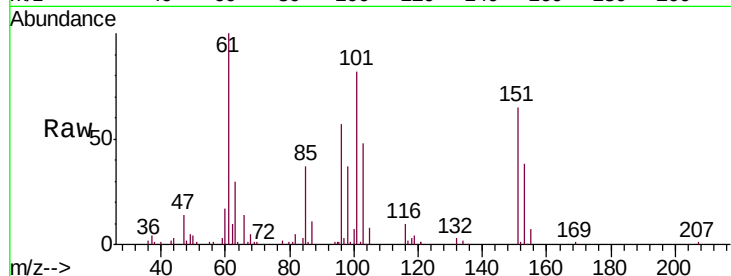
Tgt Ion:101 Resp: 53312

Ion Ratio Lower Upper

101 100

85 43.8 35.8 53.6

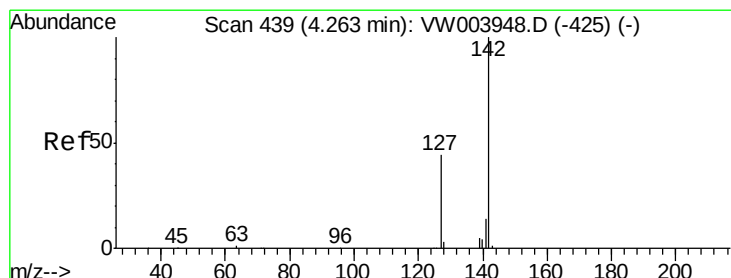
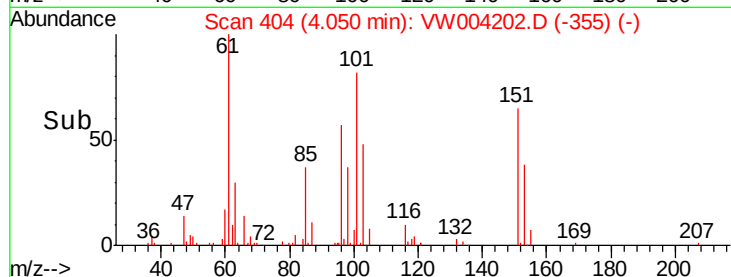
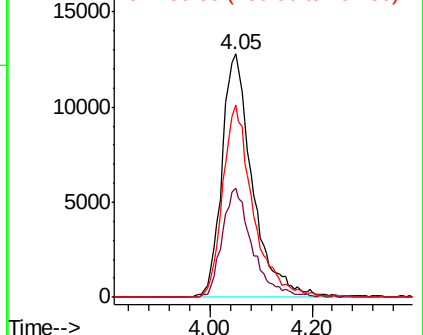
151 78.2 63.6 95.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.409 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

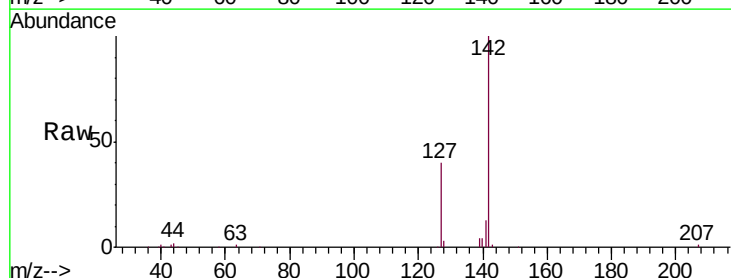
Tgt Ion:142 Resp: 73285

Ion Ratio Lower Upper

142 100

127 44.1 35.4 53.2

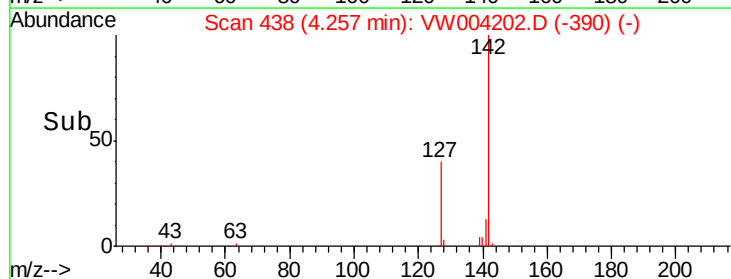
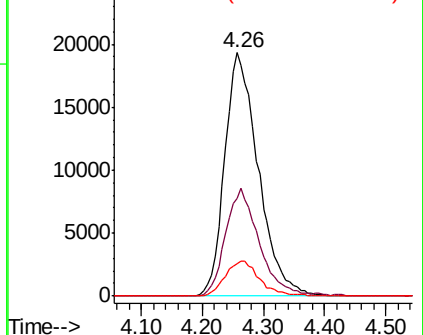
141 14.6 11.7 17.5

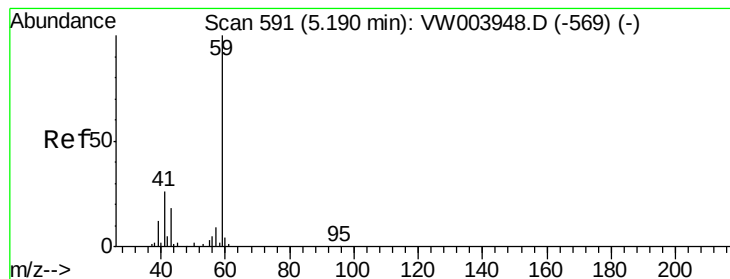


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



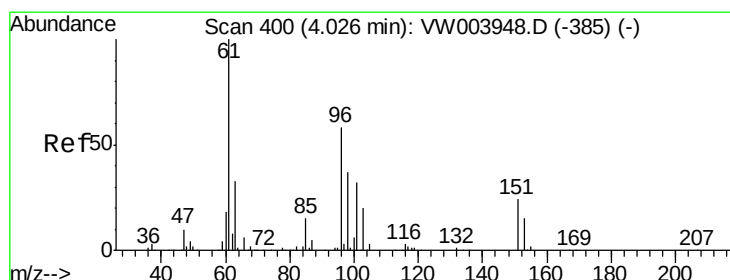
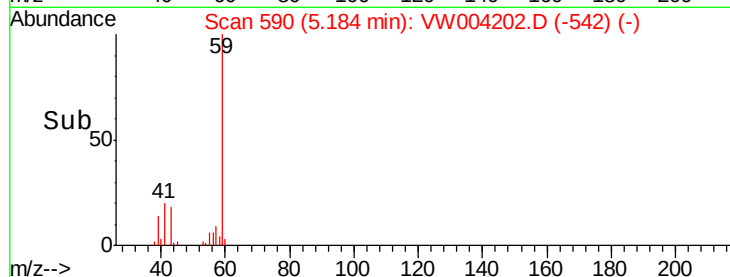
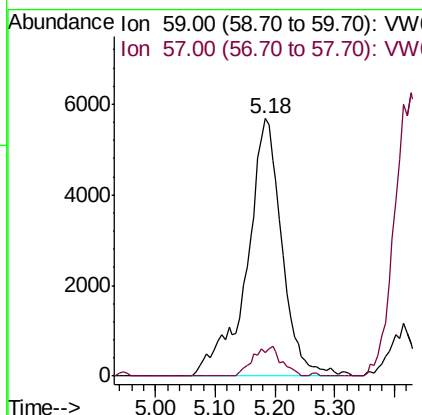
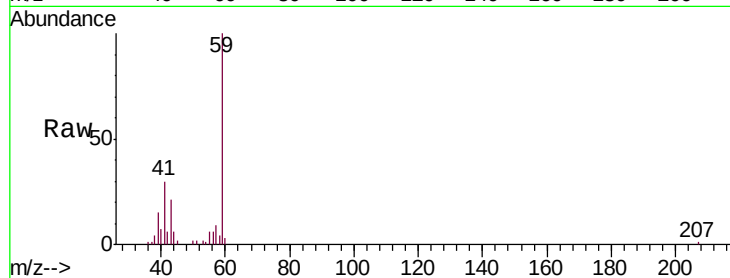


#11

Tert butyl alcohol
 Concen: 129.778 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

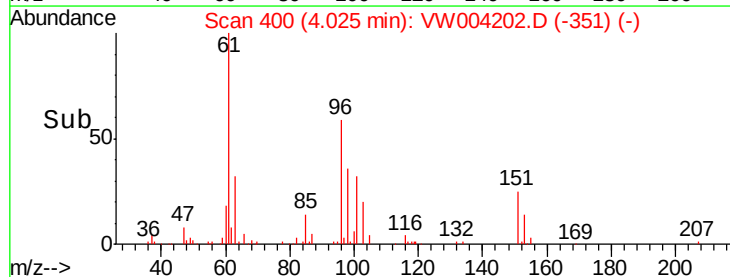
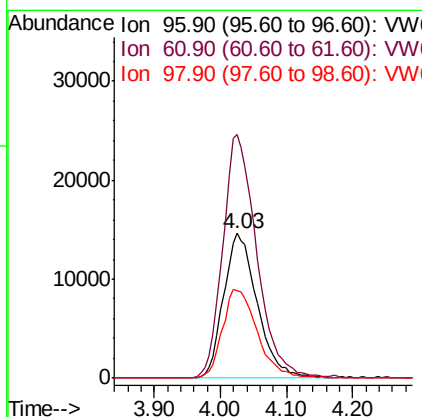
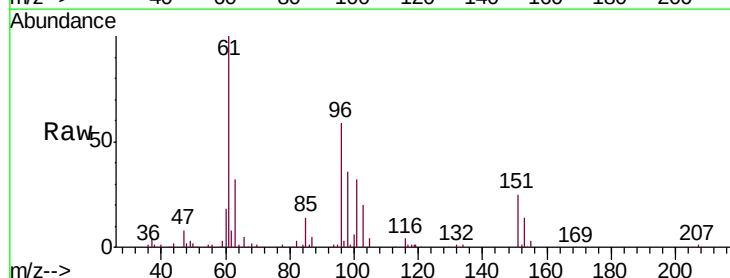
Tgt Ion: 59 Resp: 23151
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.5 12.7

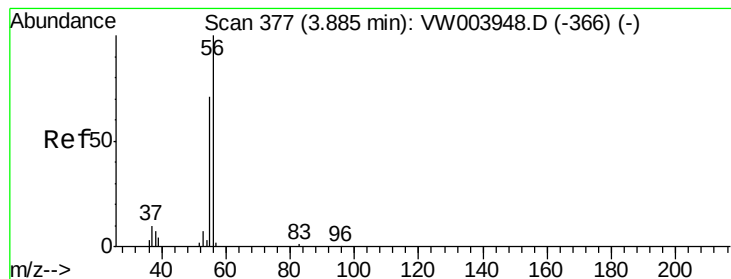


#12

1,1-Dichloroethene
 Concen: 23.002 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion: 96 Resp: 51680
 Ion Ratio Lower Upper
 96 100
 61 168.1 137.0 205.6
 98 60.6 50.2 75.4





#13

Acrolein

Concen: 104.100 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

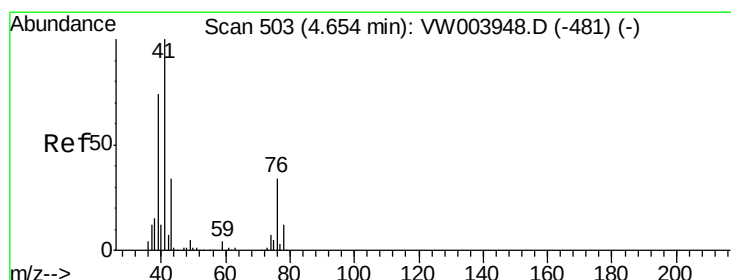
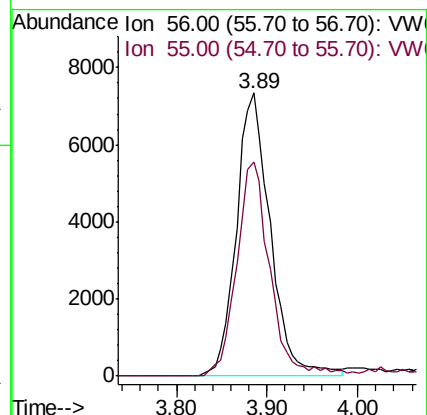
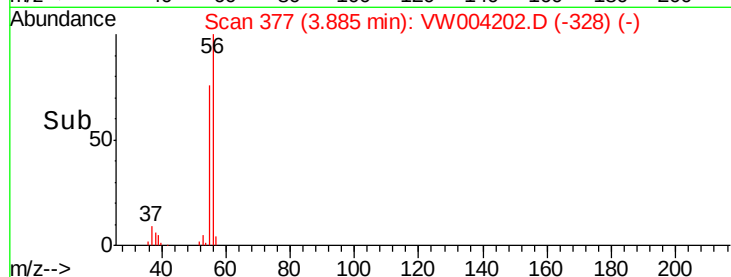
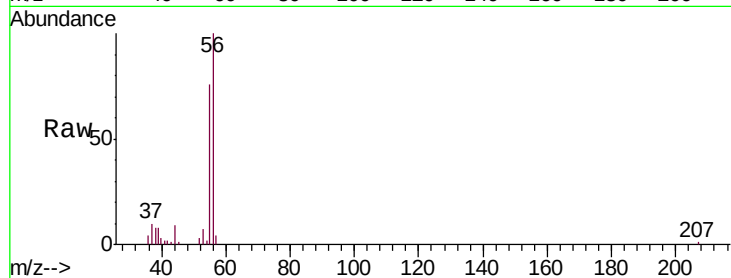
VW0726SBS01

Tgt Ion: 56 Resp: 19081

Ion Ratio Lower Upper

56 100

55 71.8 58.2 87.4



#14

Allyl chloride

Concen: 22.251 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

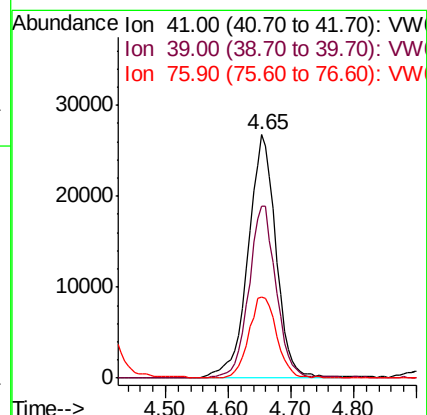
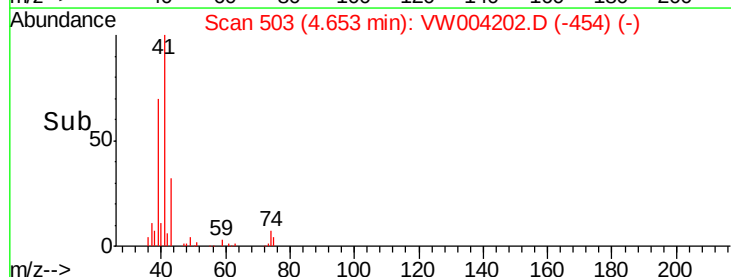
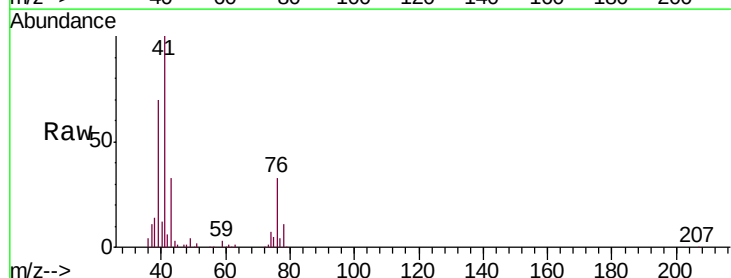
Tgt Ion: 41 Resp: 82516

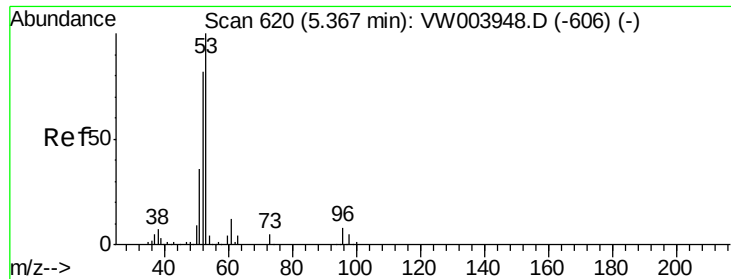
Ion Ratio Lower Upper

41 100

39 69.1 57.0 85.4

76 33.3 26.5 39.7





#15

Acrylonitrile

Concen: 118.808 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

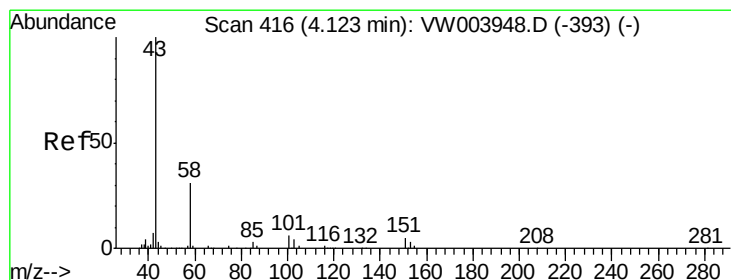
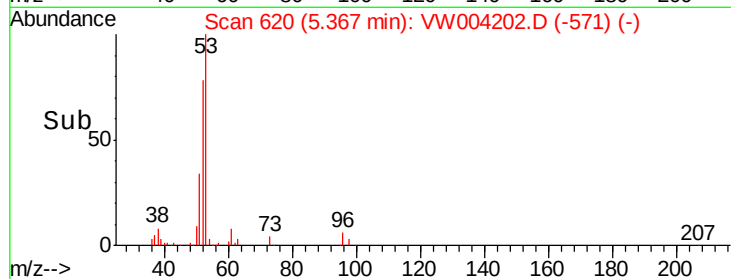
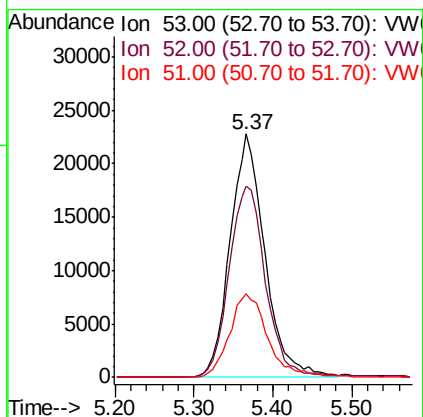
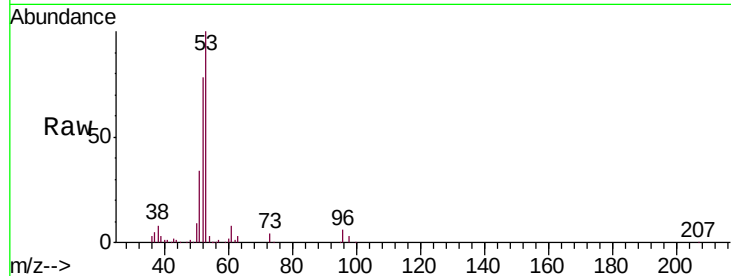
Tgt Ion: 53 Resp: 69731

Ion Ratio Lower Upper

53 100

52 82.9 66.1 99.1

51 37.6 29.8 44.6



#16

Acetone

Concen: 103.669 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004202.D

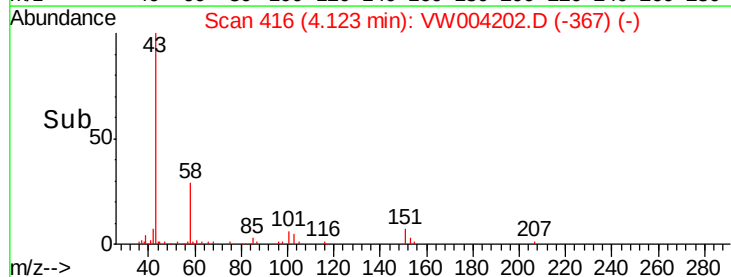
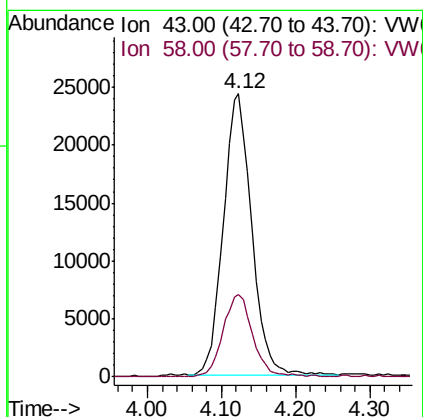
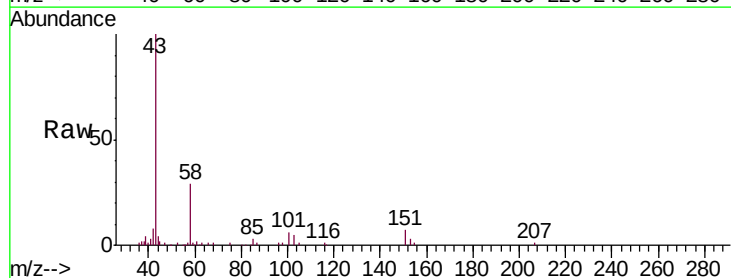
Acq: 25 Jul 2018 19:53

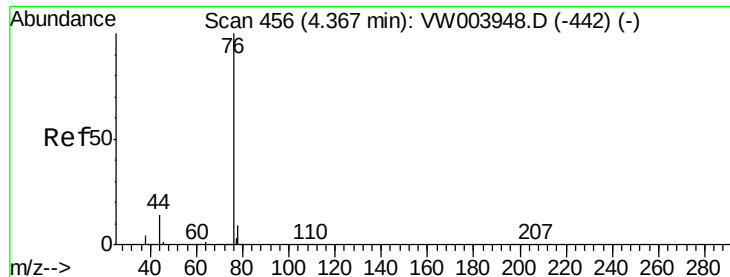
Tgt Ion: 43 Resp: 64375

Ion Ratio Lower Upper

43 100

58 28.9 24.5 36.7





#17

Carbon Disulfide

Concen: 22.861 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

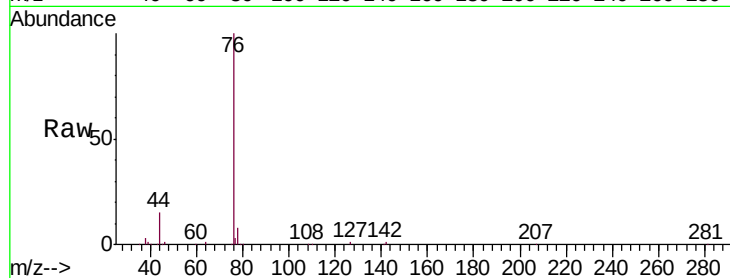
VW0726SBS01

Tgt Ion: 76 Resp: 160320

Ion Ratio Lower Upper

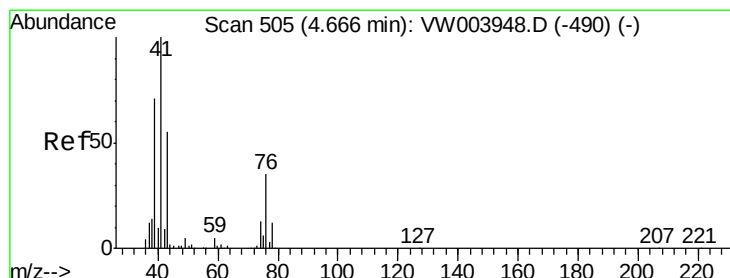
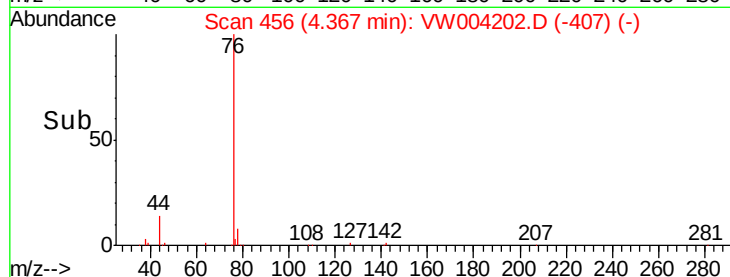
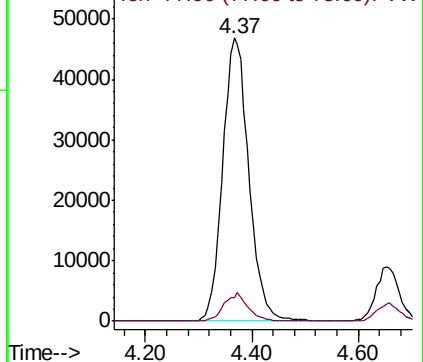
76 100

78 8.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 23.221 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004202.D

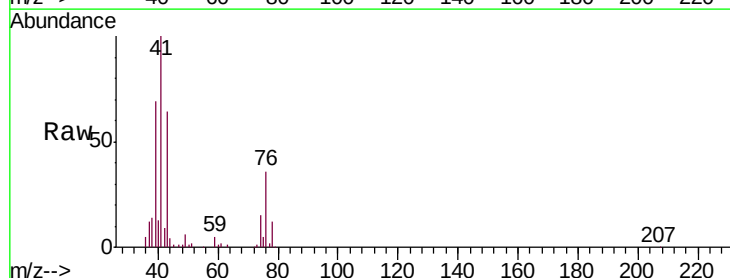
Acq: 25 Jul 2018 19:53

Tgt Ion: 43 Resp: 34613

Ion Ratio Lower Upper

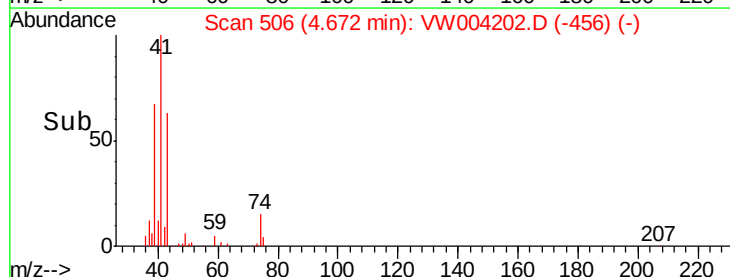
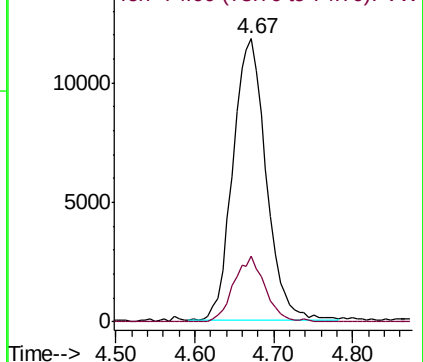
43 100

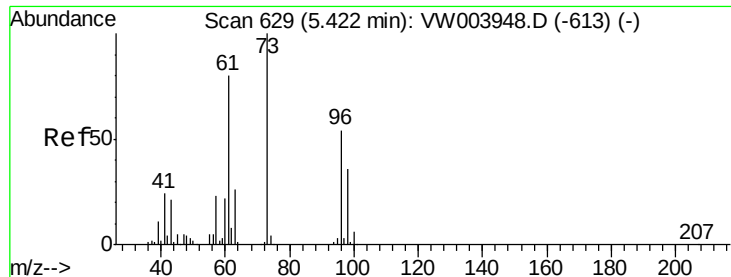
74 21.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 21.664 ug/l

RT: 5.42 min Scan# 629

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

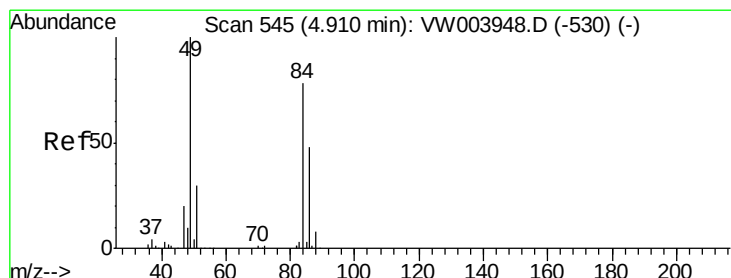
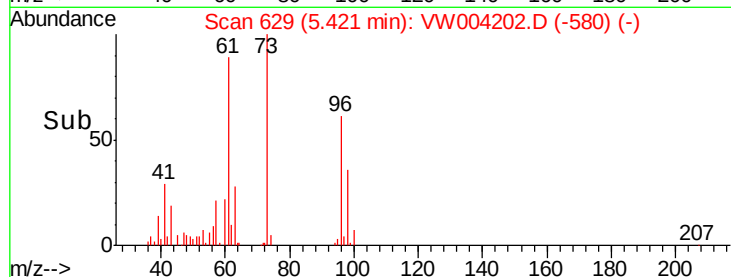
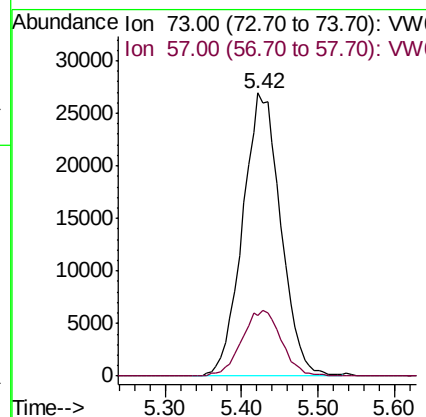
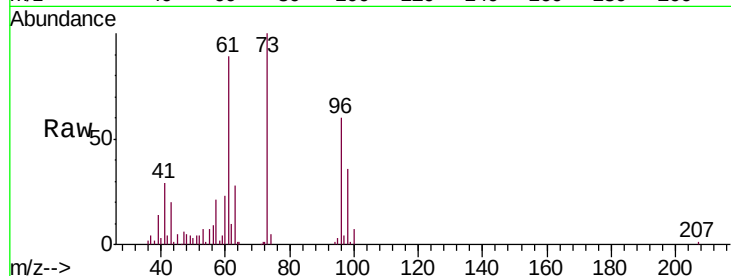
VW0726SBS01

Tgt Ion: 73 Resp: 93281

Ion Ratio Lower Upper

73 100

57 21.4 18.2 27.4



#20

Methylene Chloride

Concen: 17.572 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Tgt Ion: 84 Resp: 62151

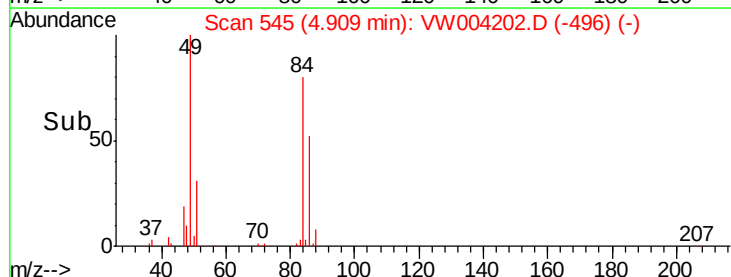
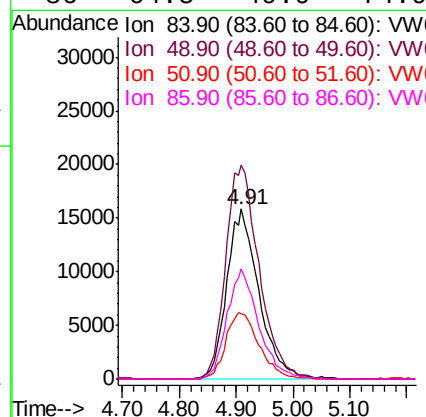
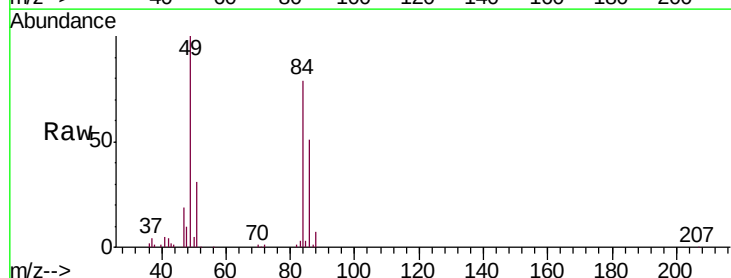
Ion Ratio Lower Upper

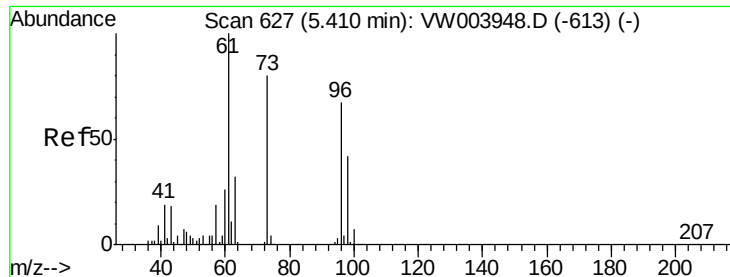
84 100

49 125.8 102.9 154.3

51 38.6 30.9 46.3

86 64.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.701 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

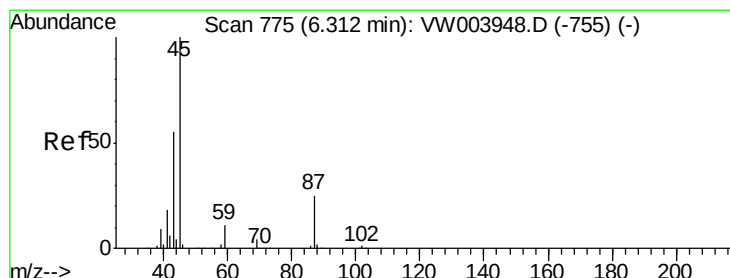
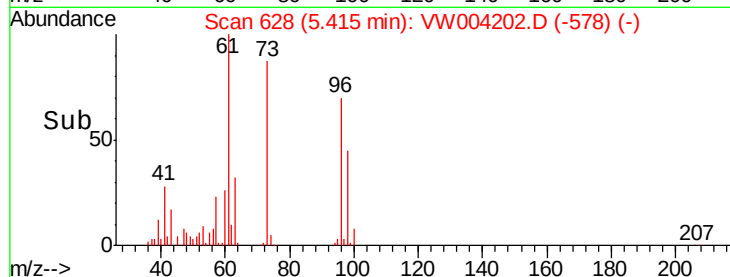
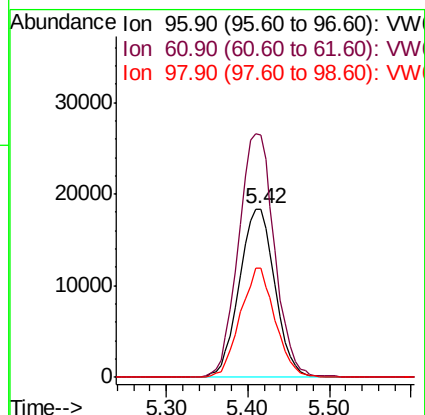
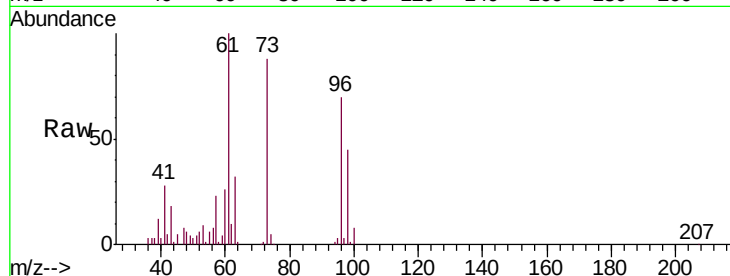
Tgt Ion: 96 Resp: 55906

Ion Ratio Lower Upper

96 100

61 143.9 119.0 178.4

98 65.1 49.9 74.9



#22

Diisopropyl ether

Concen: 24.135 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Tgt Ion: 45 Resp: 180893

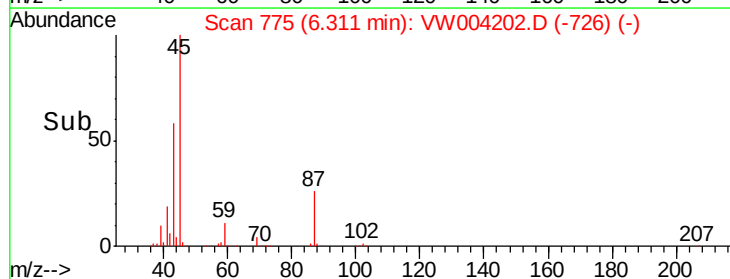
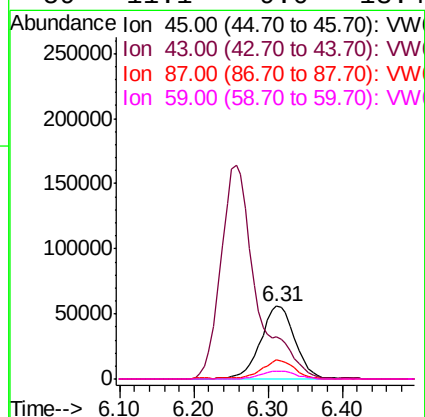
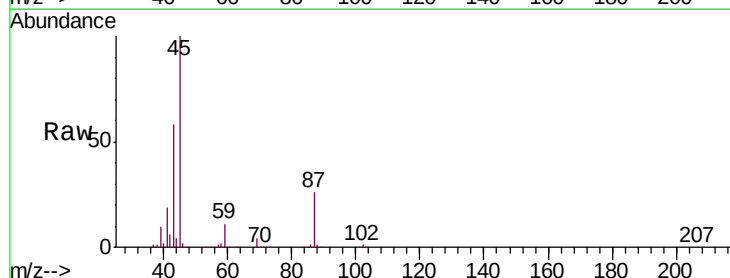
Ion Ratio Lower Upper

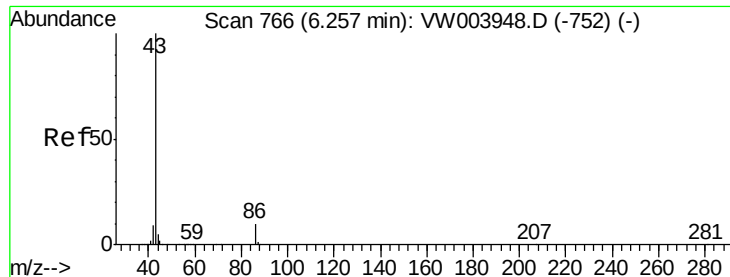
45 100

43 57.4 44.3 66.5

87 25.9 20.2 30.4

59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 114.419 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

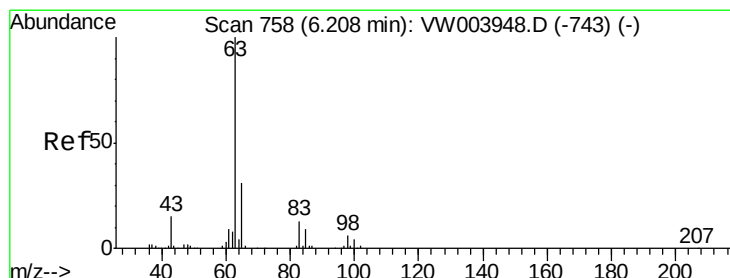
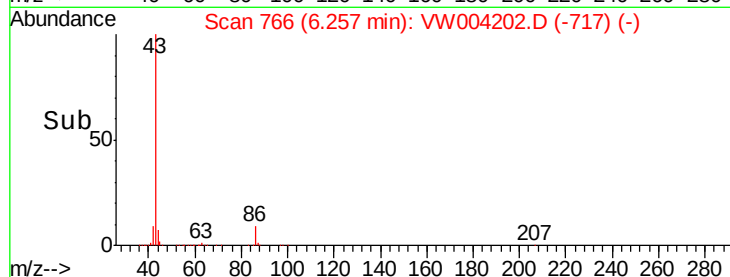
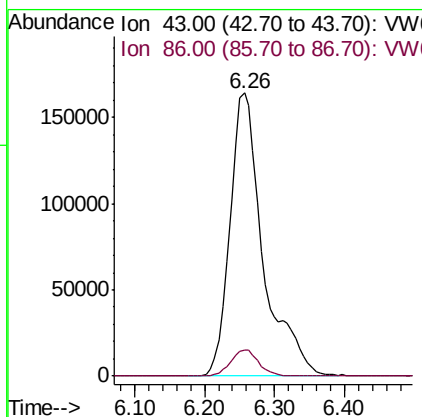
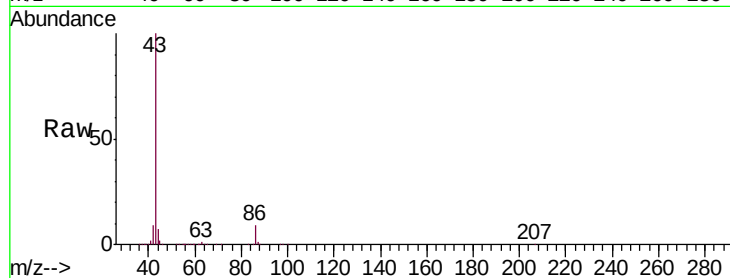
VW0726SBS01

Tgt Ion: 43 Resp: 543360

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



#24

1,1-Dichloroethane

Concen: 23.379 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

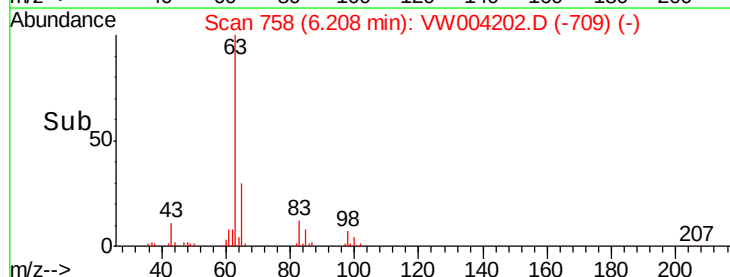
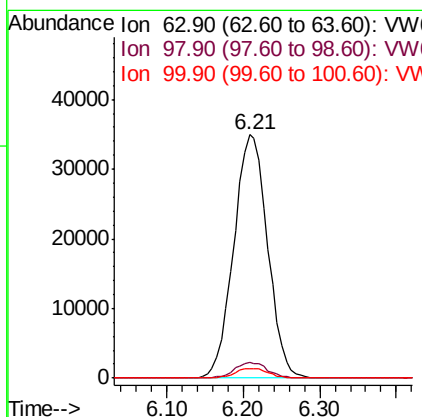
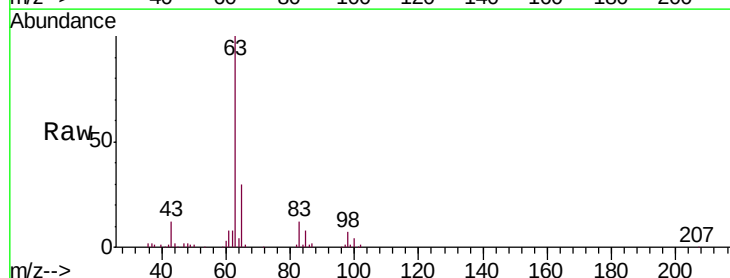
Tgt Ion: 63 Resp: 106915

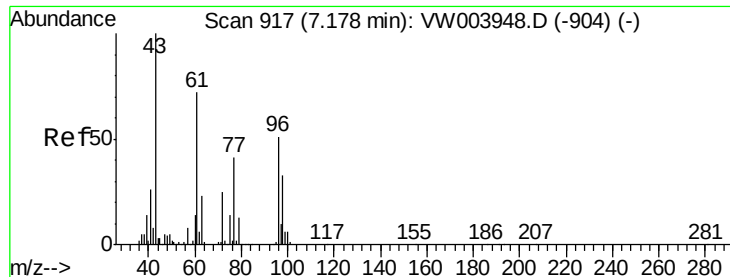
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.0 2.1 6.5

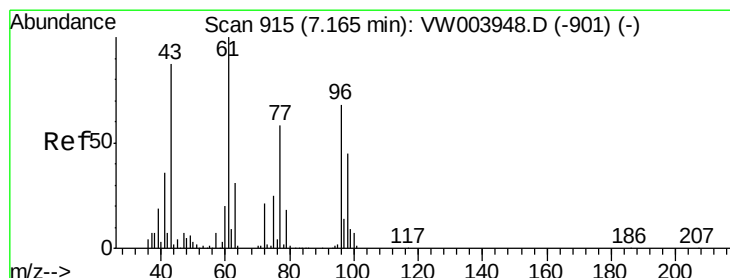
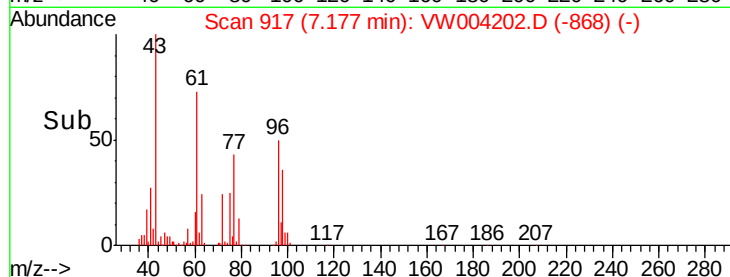
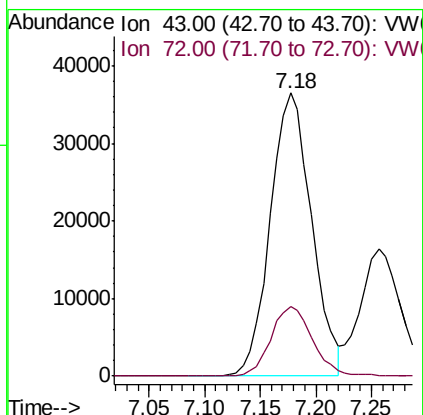
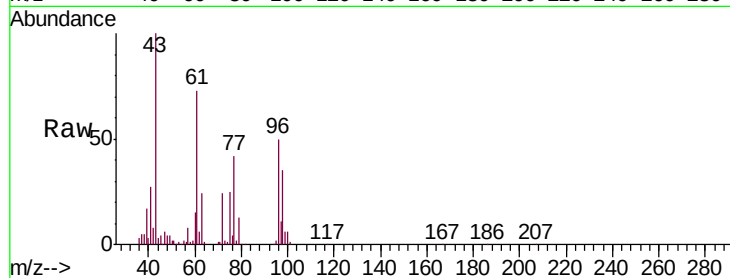




#25
2-Butanone
Concen: 113.013 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

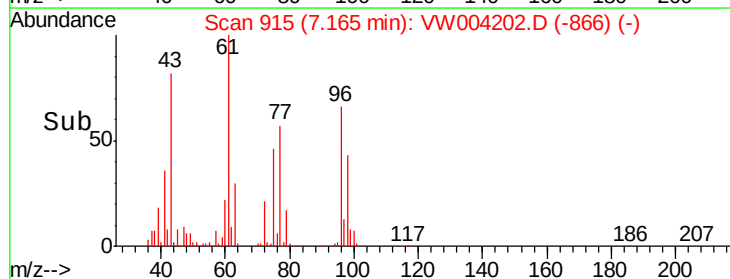
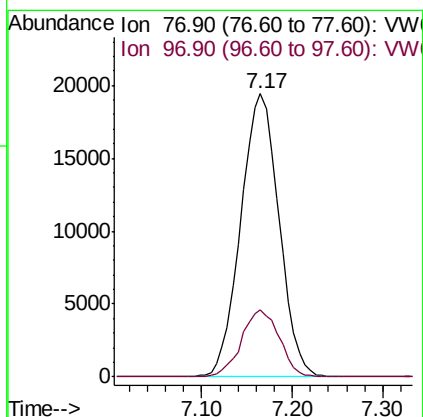
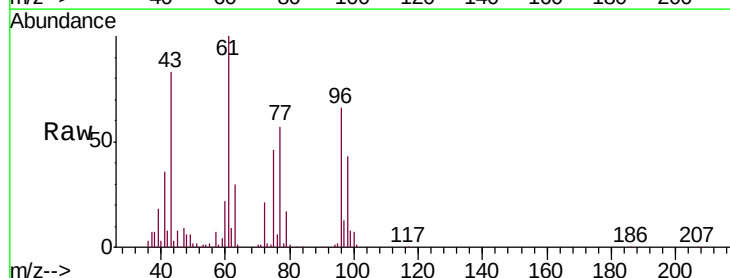
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

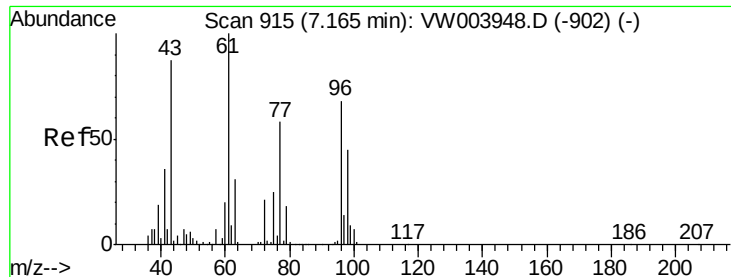
Tgt Ion: 43 Resp: 94438
Ion Ratio Lower Upper
43 100
72 24.4 19.8 29.6



#26
2,2-Dichloropropane
Concen: 21.611 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 77 Resp: 56730
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3



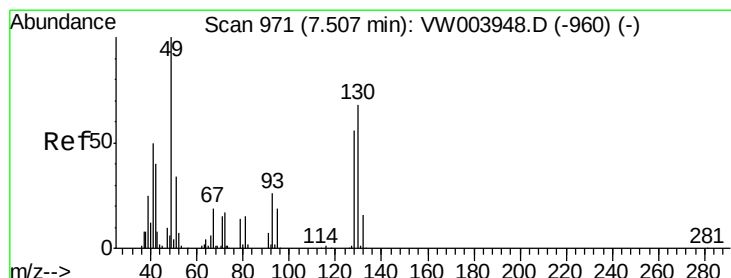
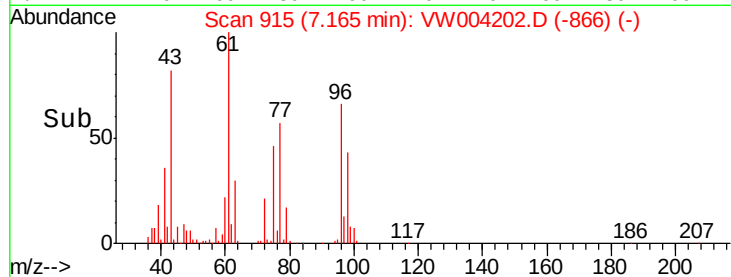
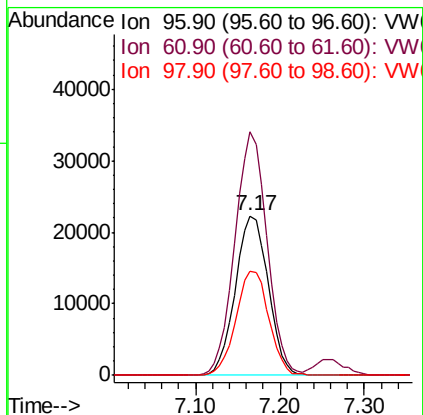
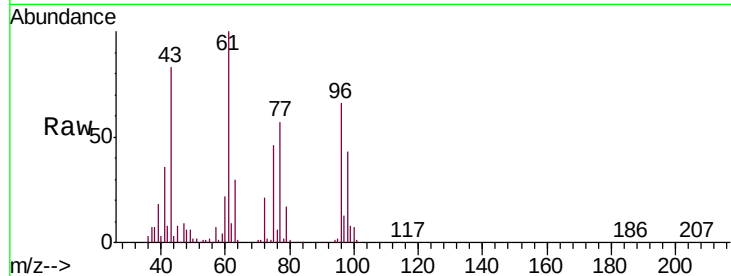


#27

cis-1,2-Dichloroethene
 Concen: 22.181 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

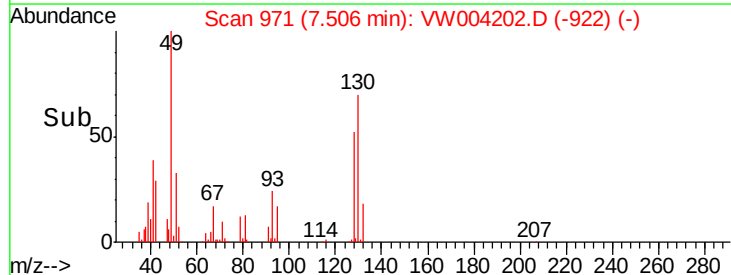
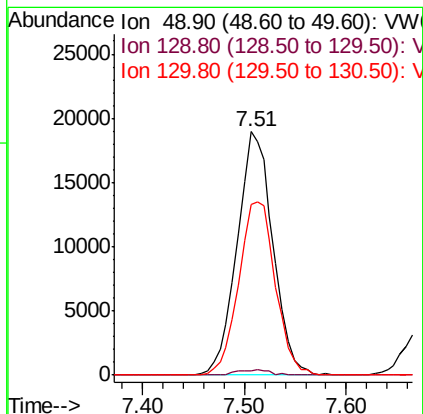
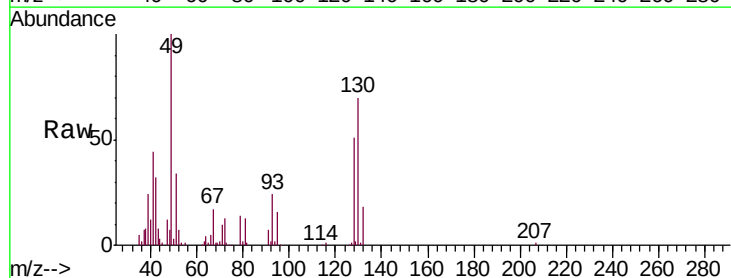
Tgt Ion: 96 Resp: 59051
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 298.6
 98 64.9 0.0 130.4

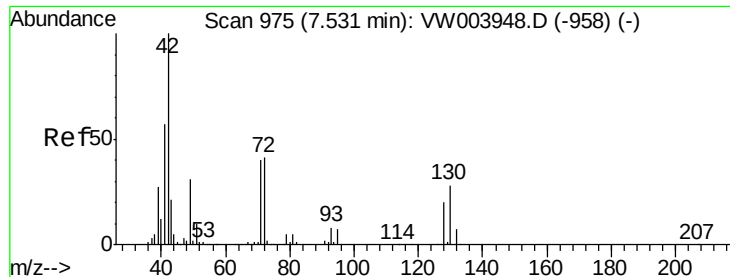


#28

Bromochloromethane
 Concen: 24.627 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion: 49 Resp: 46090
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 73.0 58.3 87.5

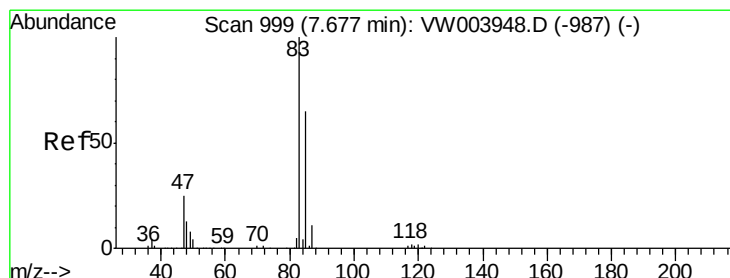
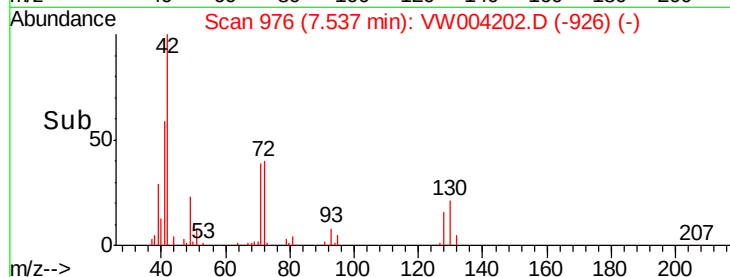
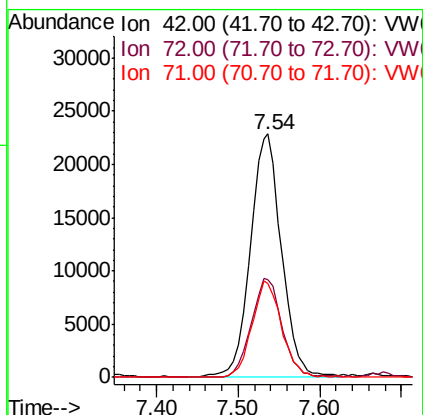
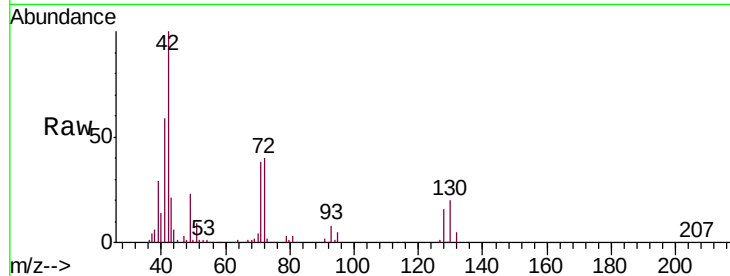




#29
Tetrahydrofuran
Concen: 115.827 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

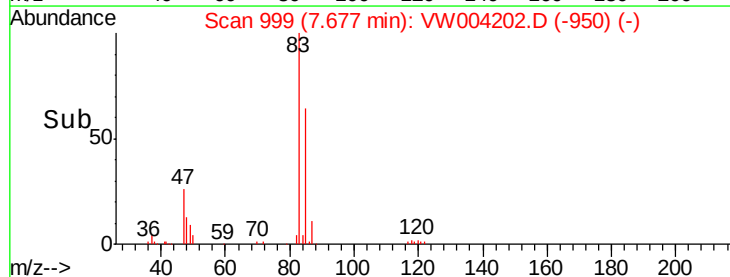
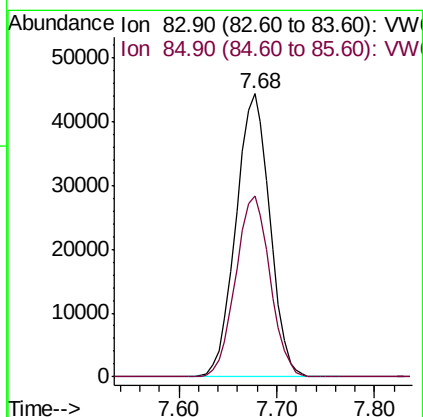
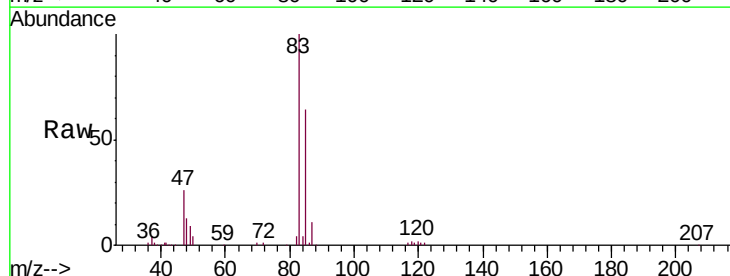
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

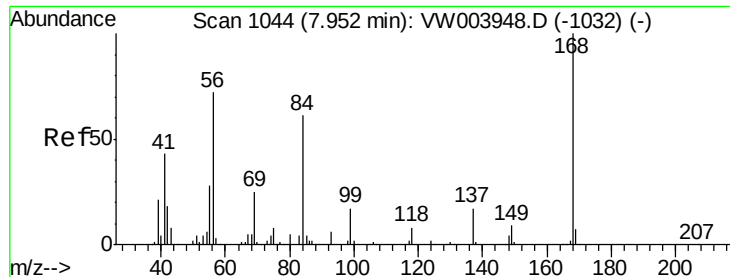
Tgt Ion: 42 Resp: 60290
Ion Ratio Lower Upper
42 100
72 40.5 32.6 48.8
71 38.1 30.5 45.7



#30
Chloroform
Concen: 23.427 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 83 Resp: 106565
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4

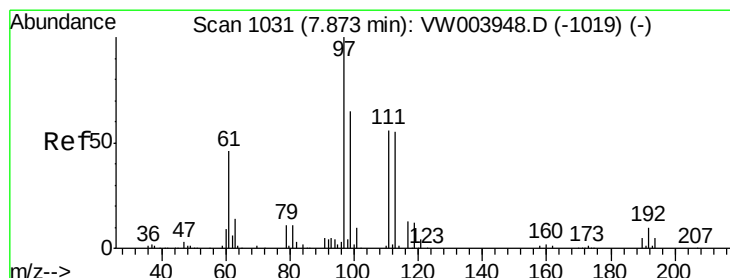
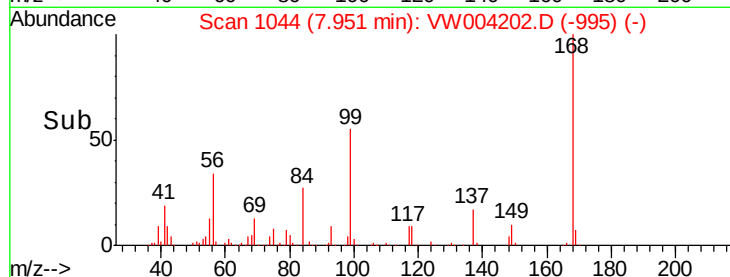
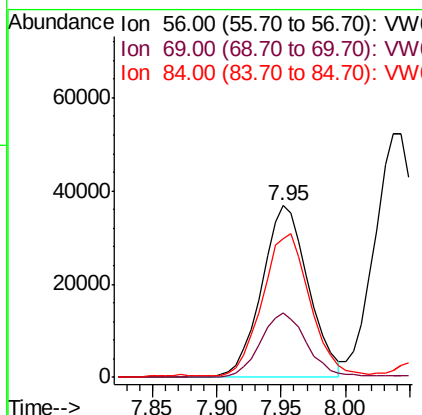
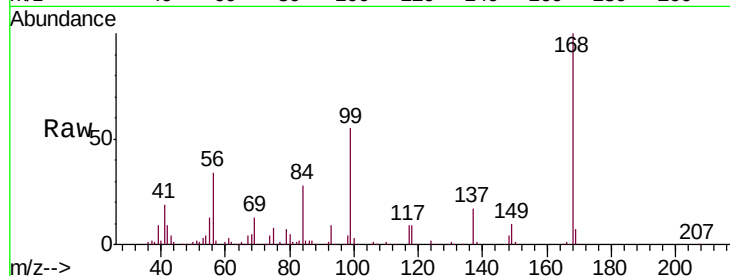




#31
Cyclohexane
Concen: 21.583 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

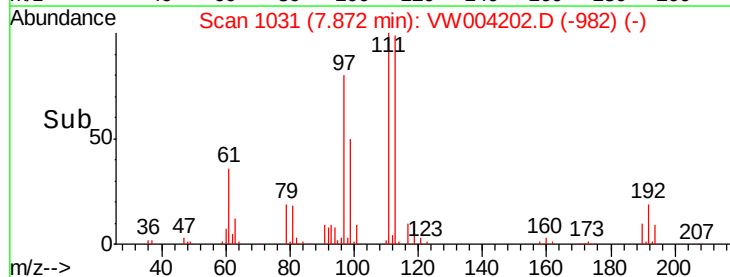
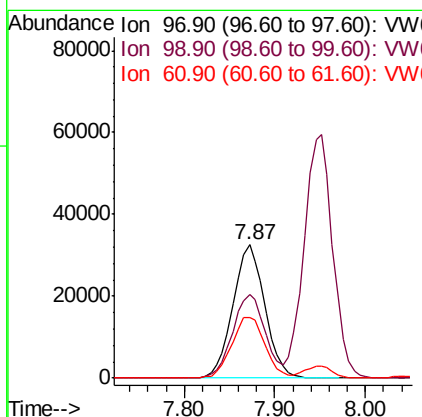
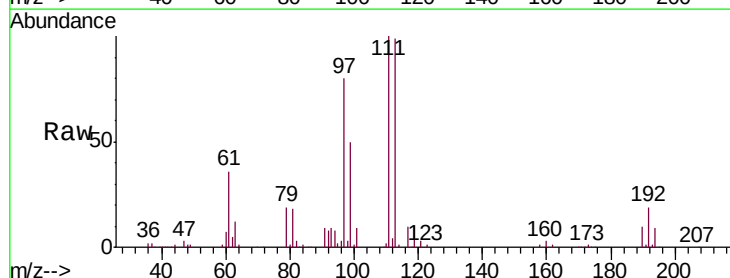
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

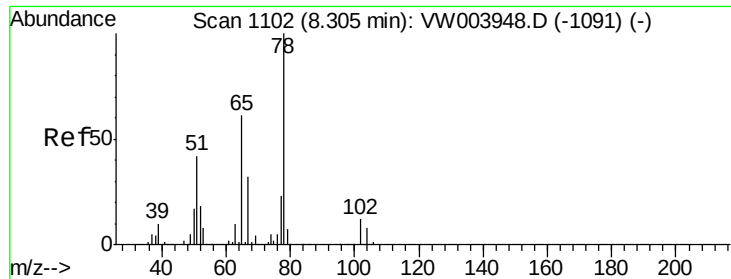
Tgt Ion: 56 Resp: 92524
Ion Ratio Lower Upper
56 100
69 37.3 27.8 41.8
84 79.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 22.292 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 97 Resp: 79186
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 47.9 36.8 55.2

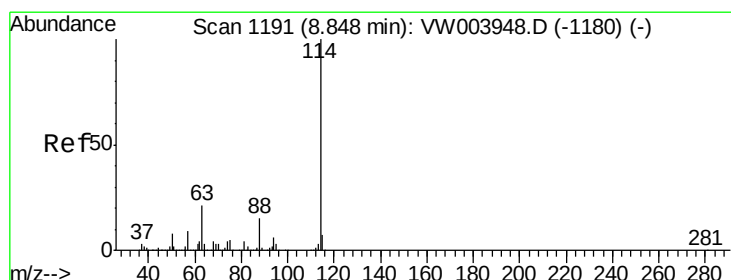
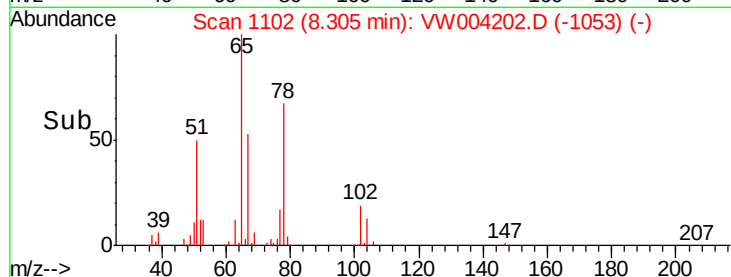
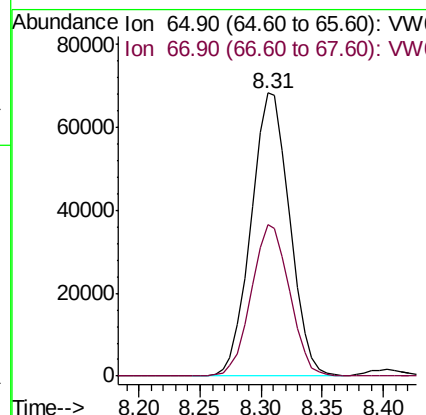
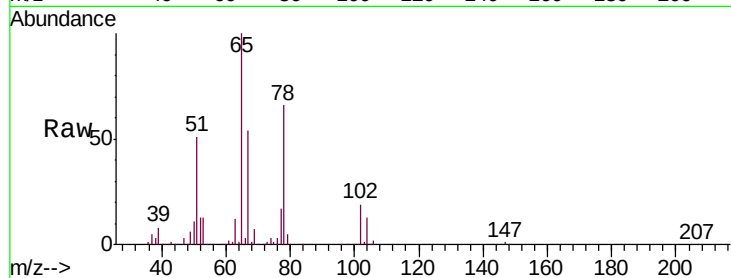




#33
 1,2-Dichloroethane-d4
 Concen: 58.097 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

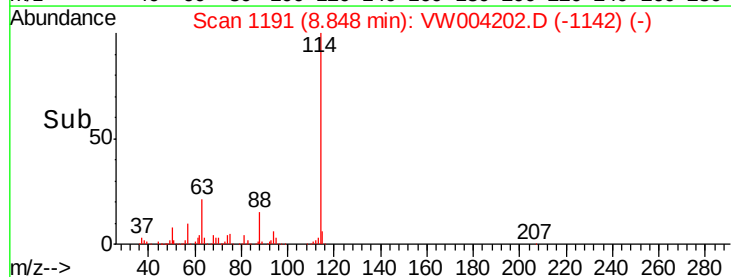
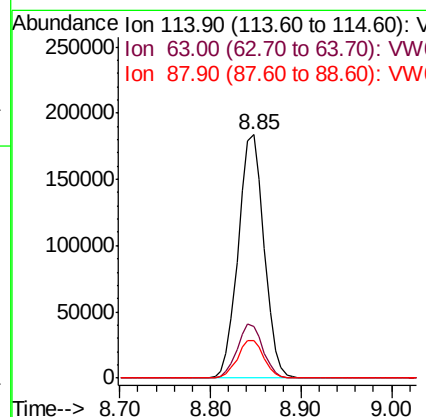
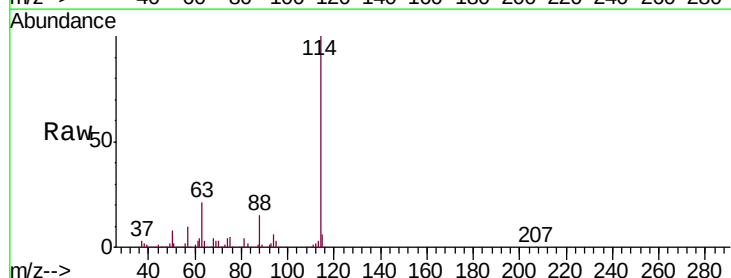
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

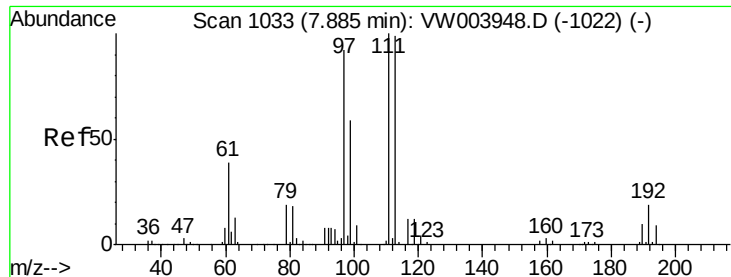
Tgt Ion: 65 Resp: 150129
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion: 114 Resp: 363106
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.4 0.0 30.4

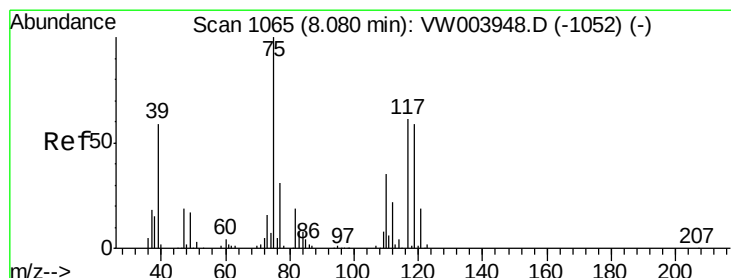
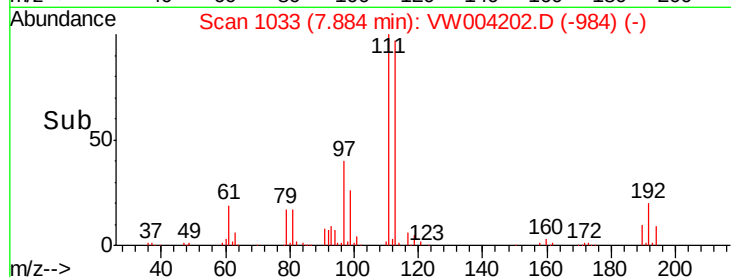
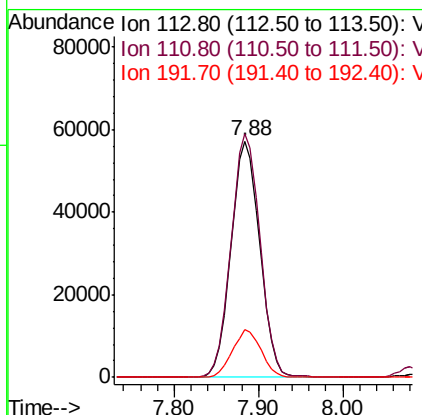
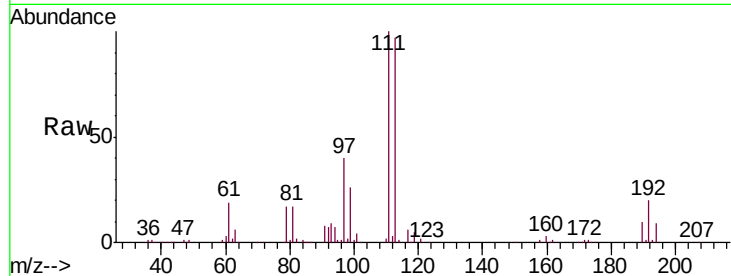




#35
 Dibromofluoromethane
 Concen: 56.565 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

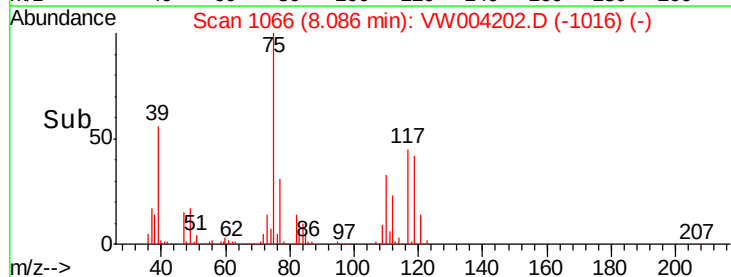
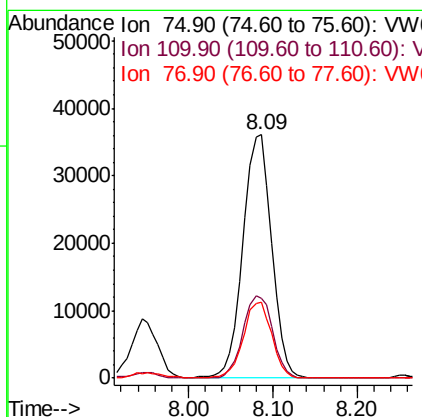
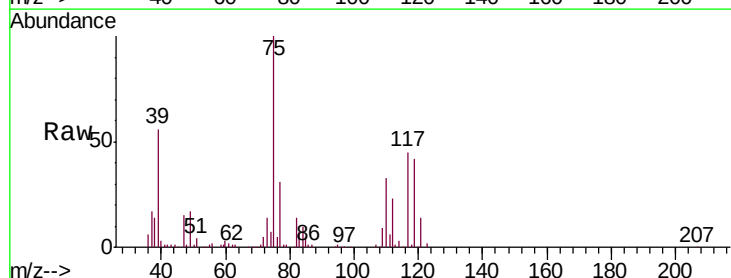
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

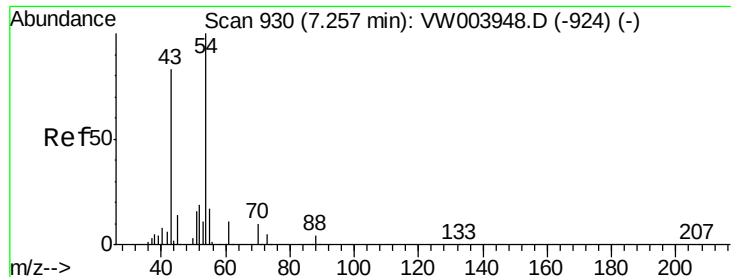
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.3	121.9
192	20.0	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 22.258 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.0	51.0
77	31.0	24.9	37.3

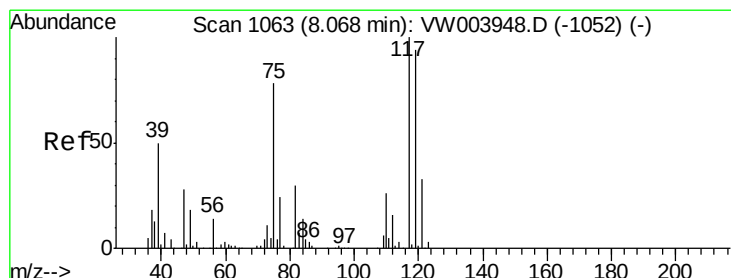
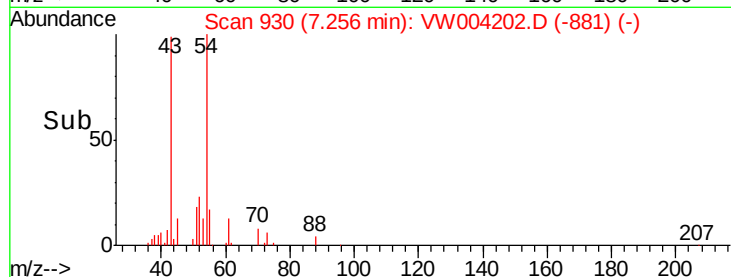
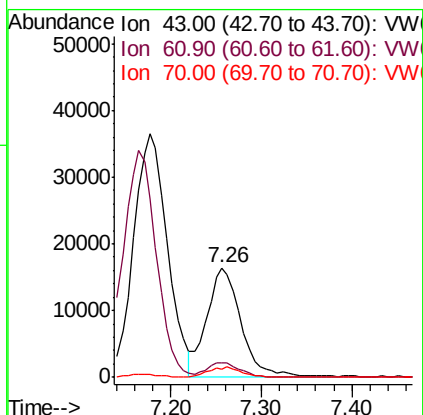
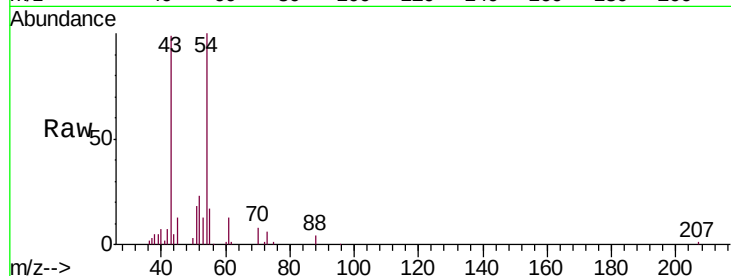




#37
Ethyl Acetate
Concen: 23.775 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

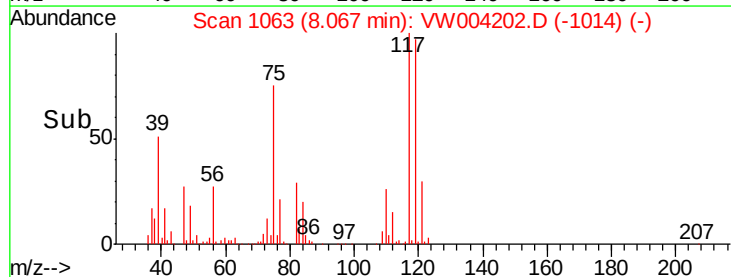
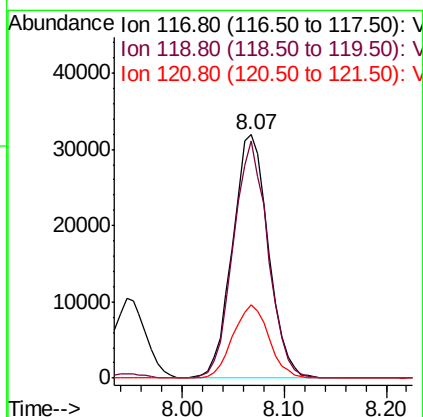
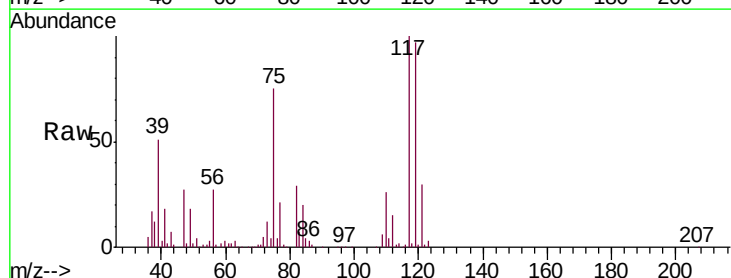
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

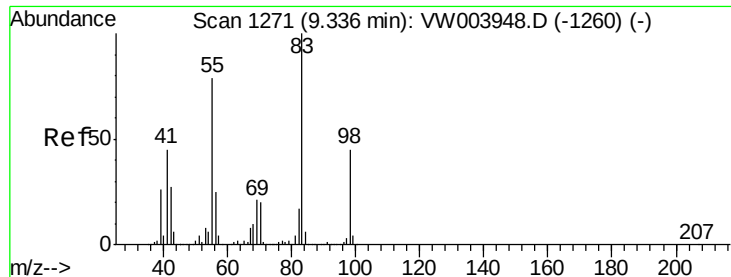
Tgt Ion: 43 Resp: 42841
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 9.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 22.334 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 117 Resp: 77961
Ion Ratio Lower Upper
117 100
119 97.5 75.3 112.9
121 30.2 26.0 39.0

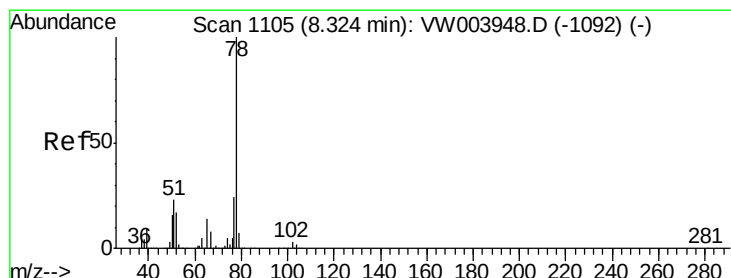
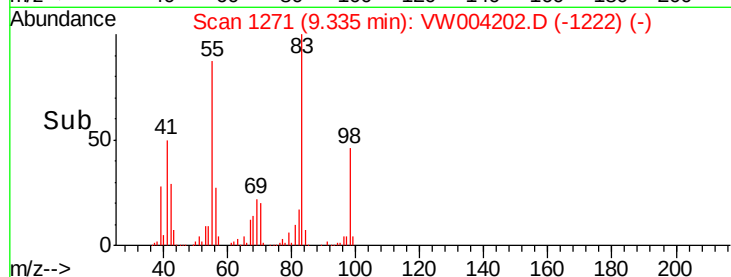
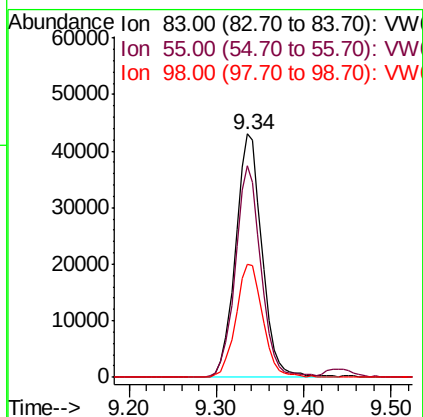
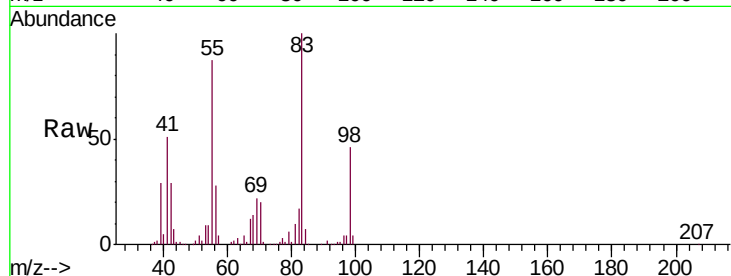




#39
Methylcyclohexane
Concen: 20.701 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

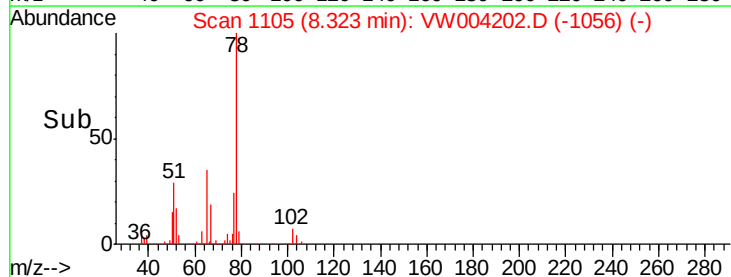
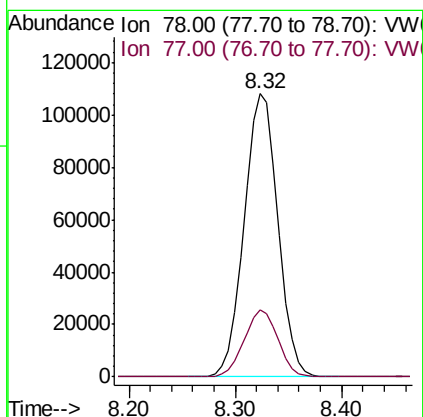
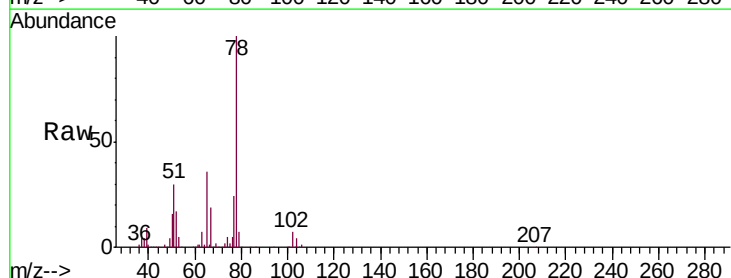
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

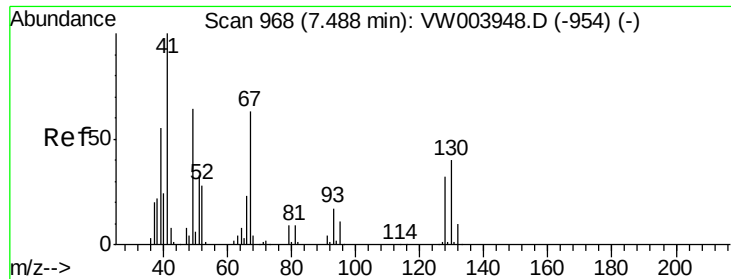
Tgt Ion: 83 Resp: 90569
Ion Ratio Lower Upper
83 100
55 87.1 62.8 94.2
98 46.5 36.2 54.4



#40
Benzene
Concen: 23.146 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 78 Resp: 239894
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

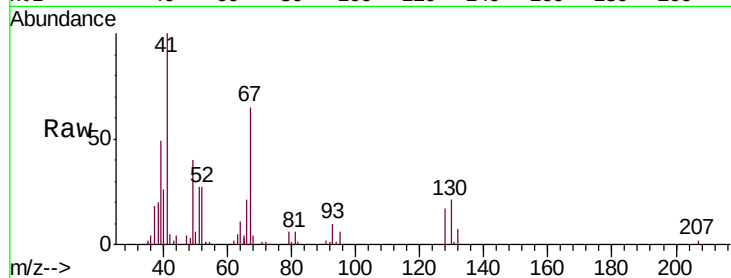




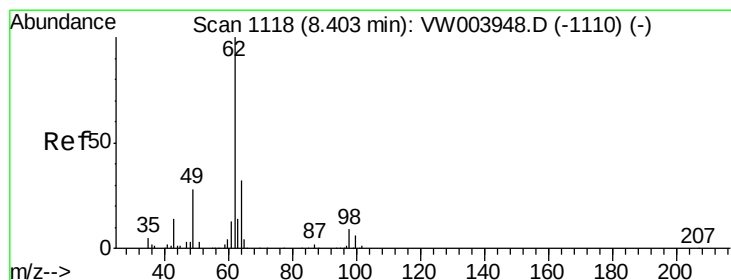
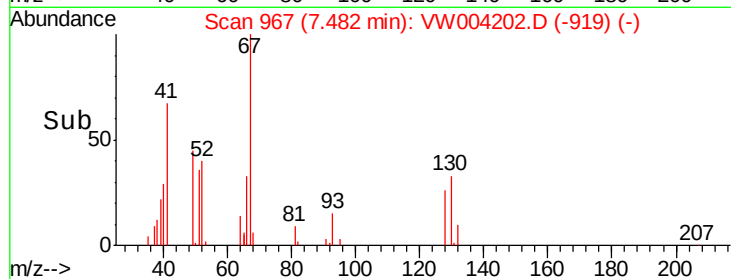
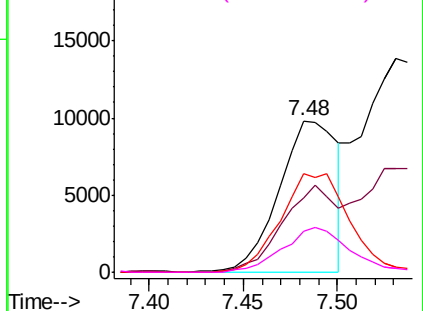
#41
Methacrylonitrile
Concen: 21.088 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tgt Ion:	41	Resp:	21055
Ion	Ratio	Lower	Upper
41	100		
39	52.6	50.0	75.0
67	77.8	60.8	91.2
52	34.2	26.2	39.4

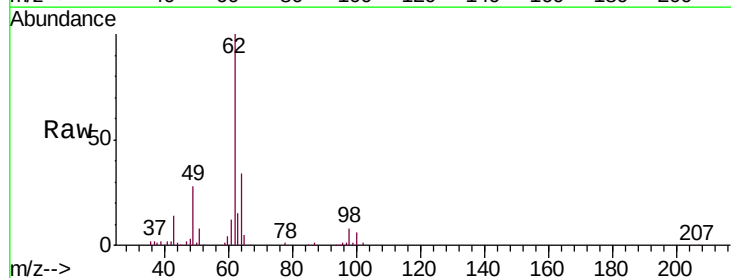


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

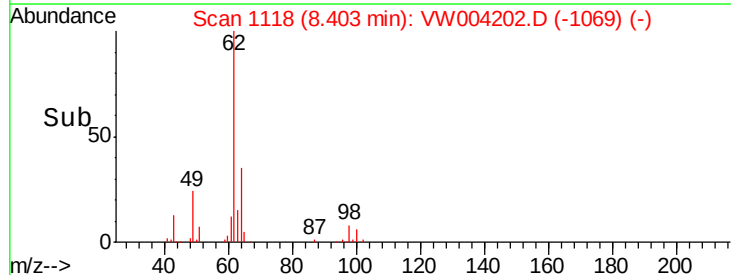
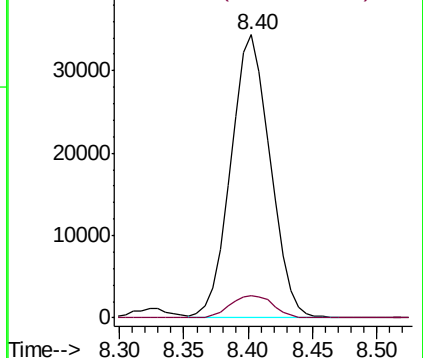


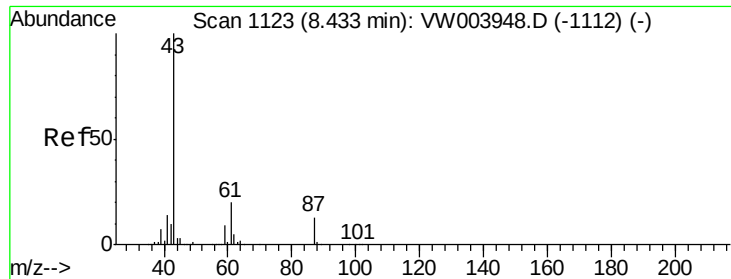
#42
1,2-Dichloroethane
Concen: 23.125 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion:	62	Resp:	73122
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4



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

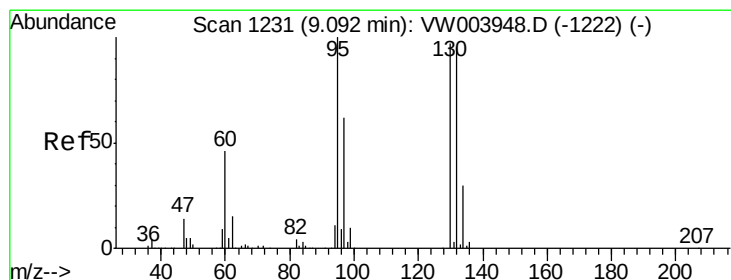
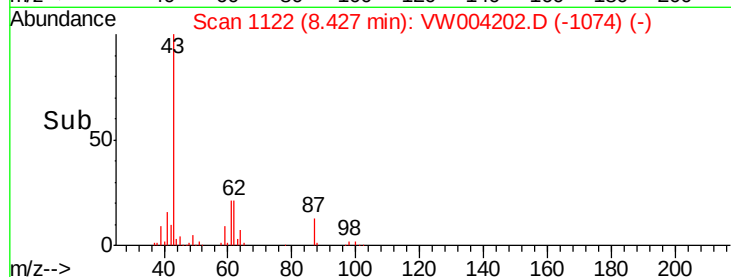
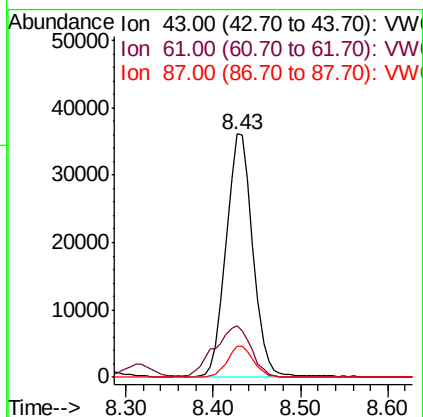
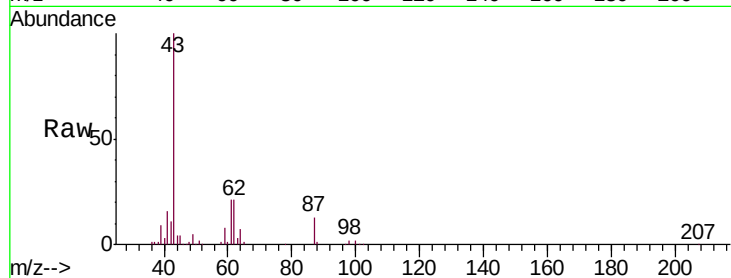




#43
Isopropyl Acetate
Concen: 22.728 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

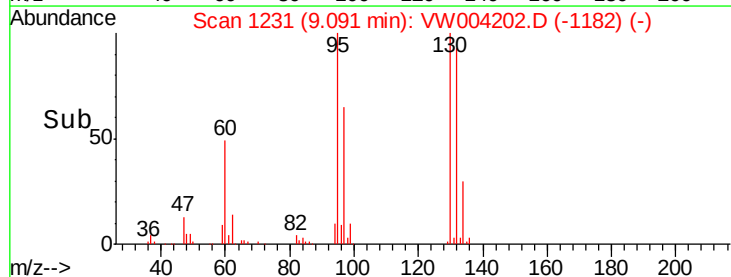
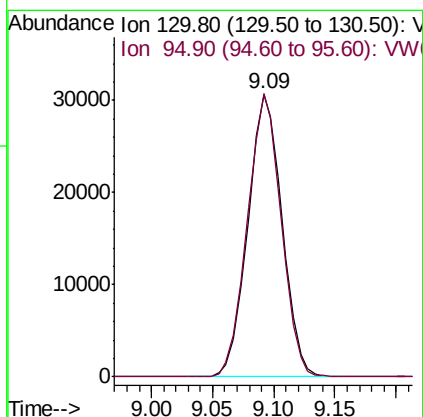
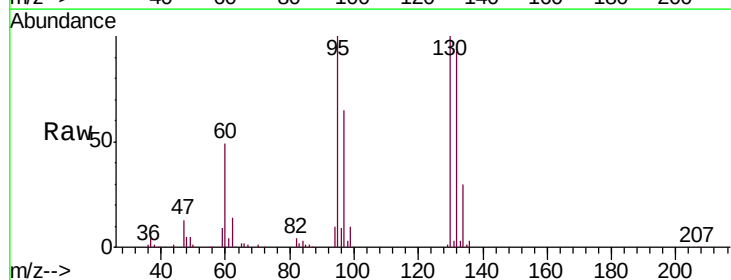
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

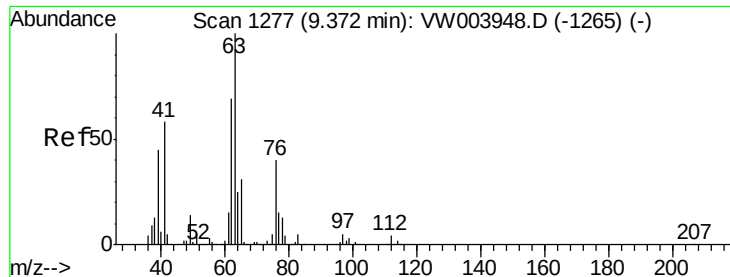
Tgt Ion: 43 Resp: 76600
Ion Ratio Lower Upper
43 100
61 29.1 23.0 34.6
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 22.145 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 130 Resp: 59496
Ion Ratio Lower Upper
130 100
95 100.2 0.0 206.8

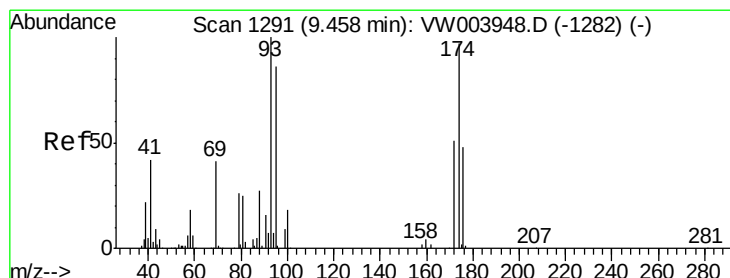
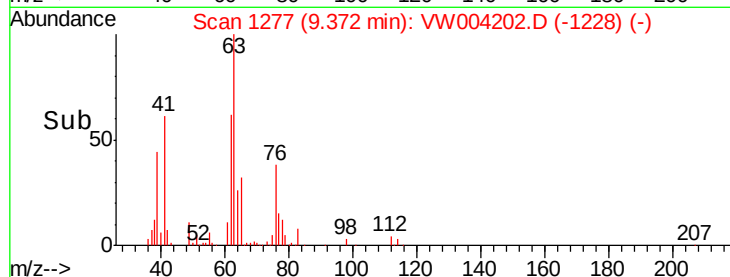
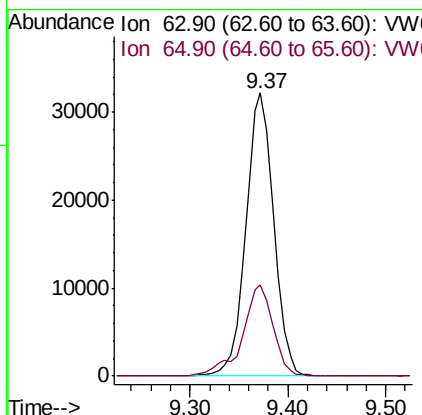
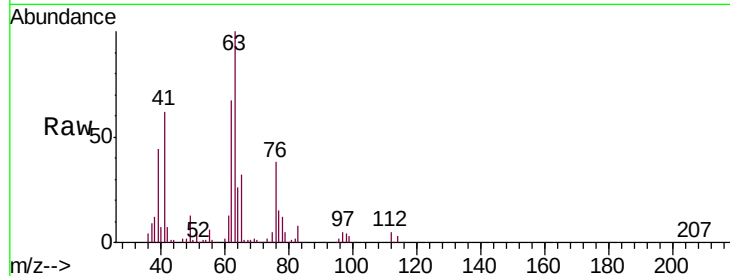




#45
 1,2-Dichloropropane
 Concen: 23.926 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

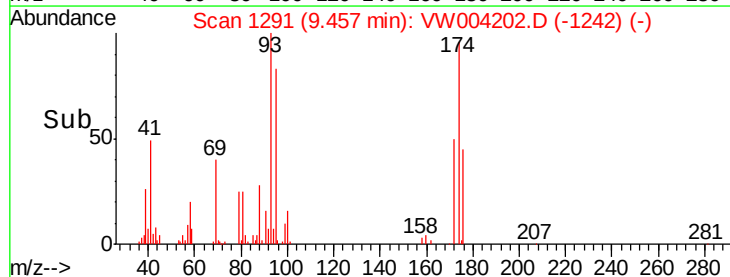
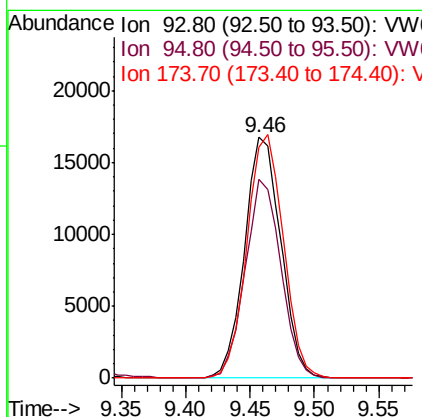
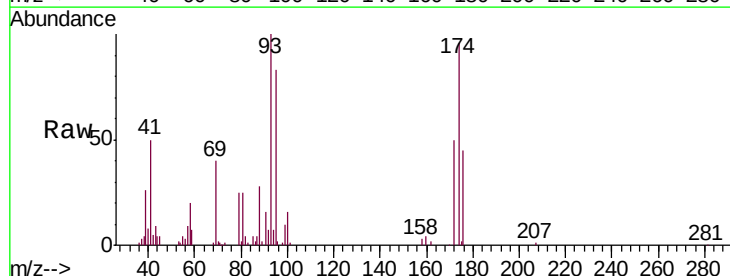
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

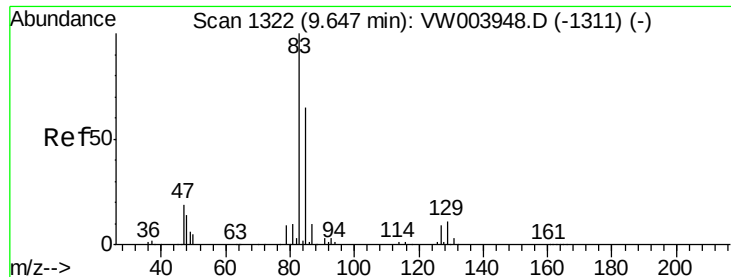
Tgt Ion: 63 Resp: 63294
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2



#46
 Dibromomethane
 Concen: 23.773 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion: 93 Resp: 32633
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.9 100.3
 174 101.3 80.2 120.2

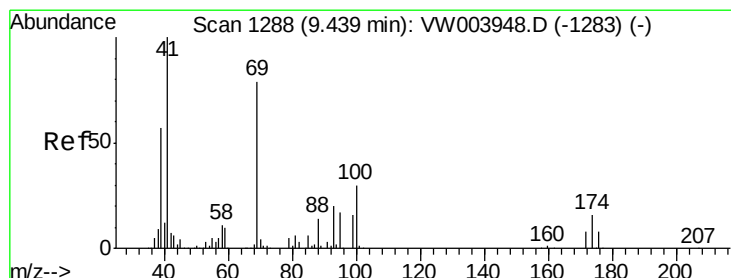
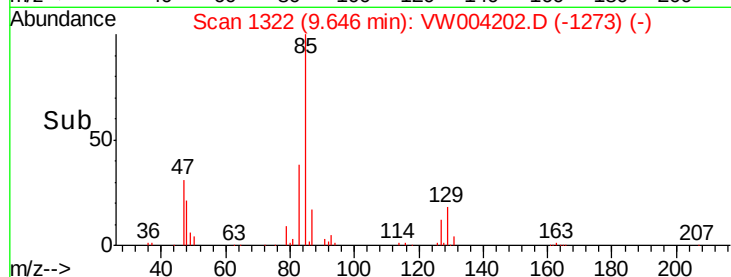
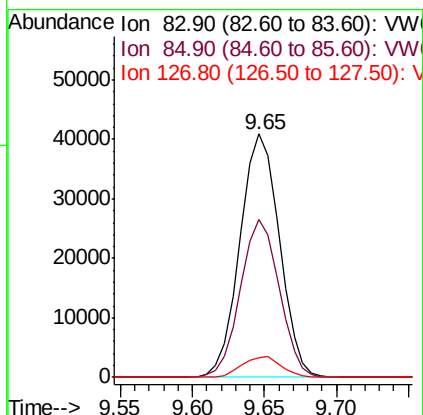
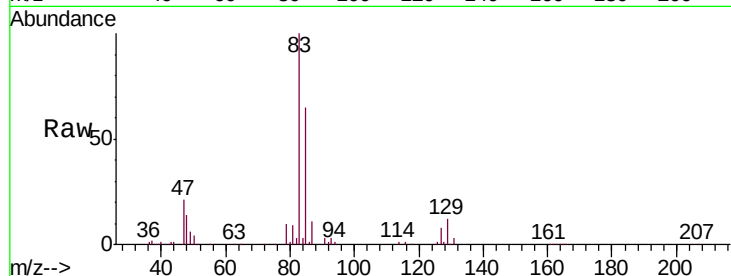




#47
Bromodichloromethane
Concen: 22.982 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

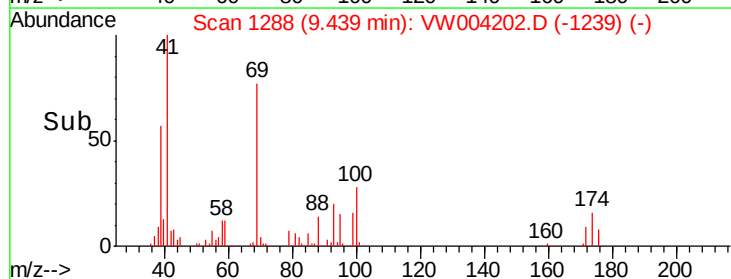
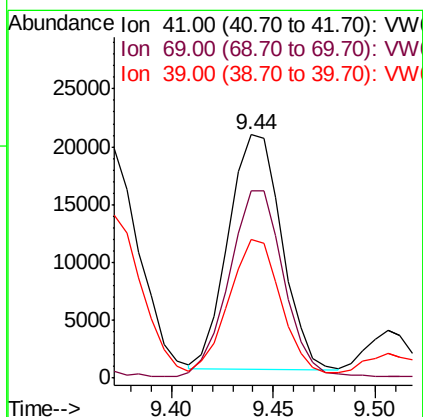
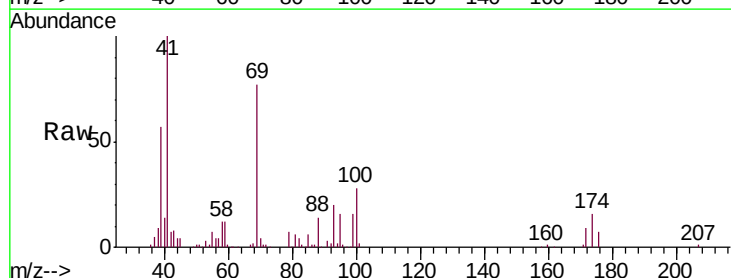
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

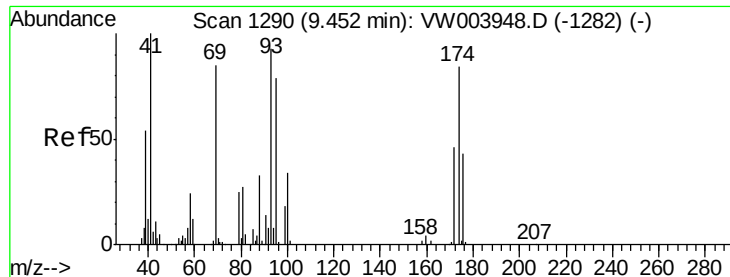
Tgt Ion: 83 Resp: 77772
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.2
127 8.0 7.0 10.4



#48
Methyl methacrylate
Concen: 22.634 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 41 Resp: 36891
Ion Ratio Lower Upper
41 100
69 83.8 67.0 100.6
39 59.5 48.8 73.2

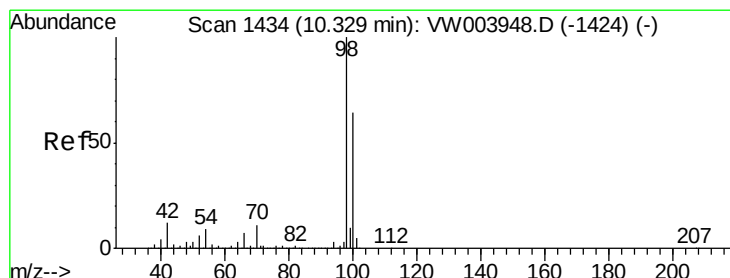
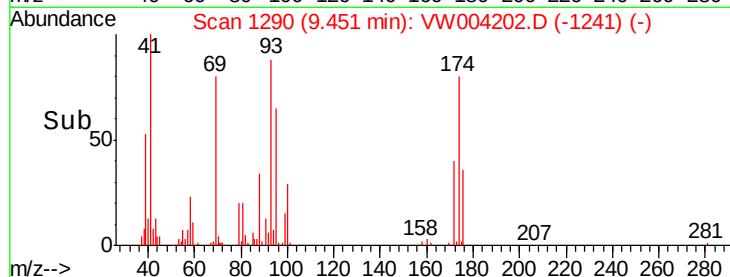
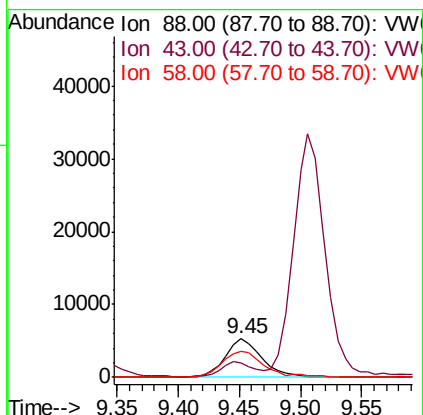
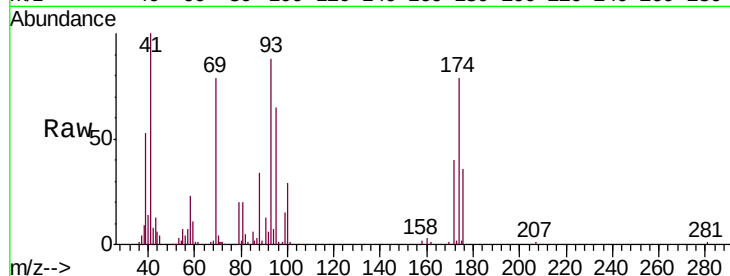




#49
1,4-Dioxane
Concen: 513.499 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

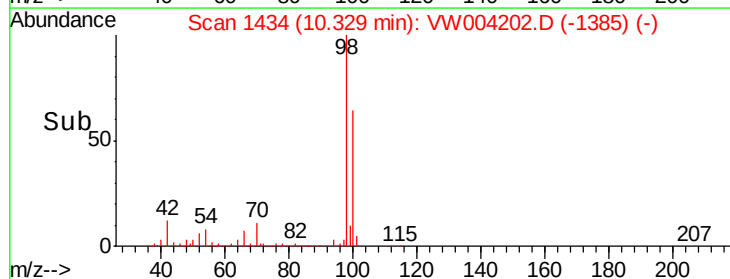
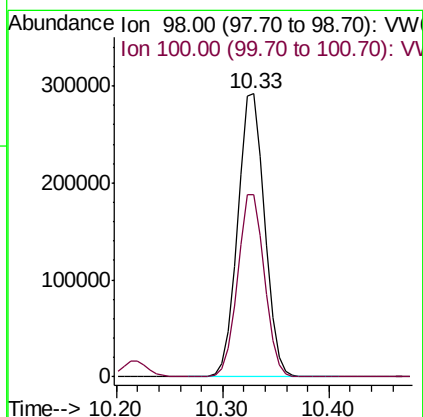
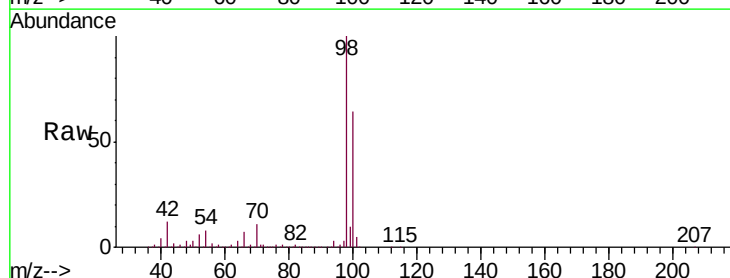
Instrument :
MSVOA_W
ClientSampled :
VW0726SBS01

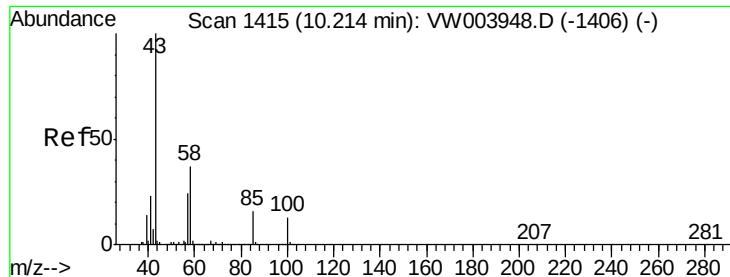
Tgt Ion: 88 Resp: 10835
Ion Ratio Lower Upper
88 100
43 34.3 27.3 40.9
58 79.8 61.1 91.7



#50
Toluene-d8
Concen: 57.569 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 98 Resp: 520426
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 117.538 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampled :

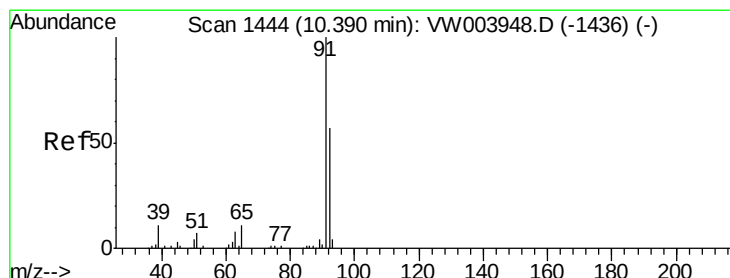
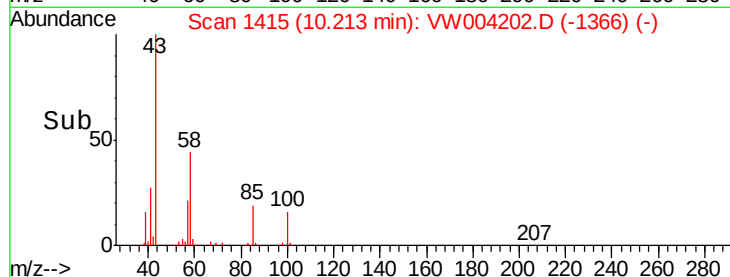
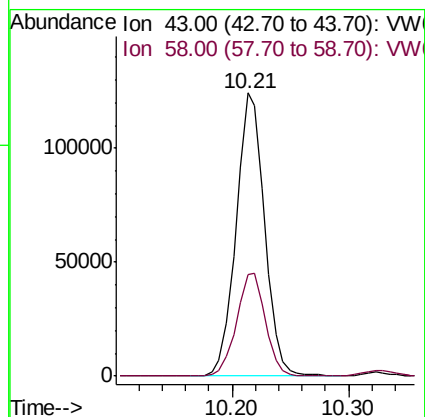
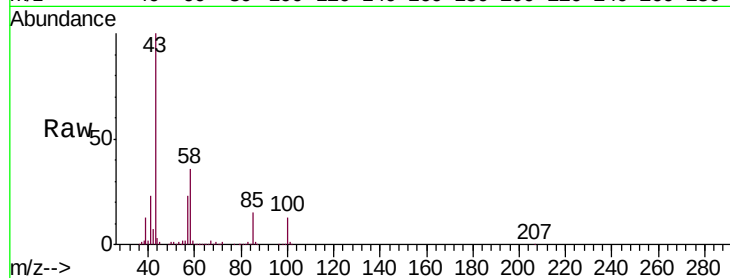
VW0726SBS01

Tgt Ion: 43 Resp: 211044

Ion Ratio Lower Upper

43 100

58 36.9 29.9 44.9



#52

Toluene

Concen: 23.282 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004202.D

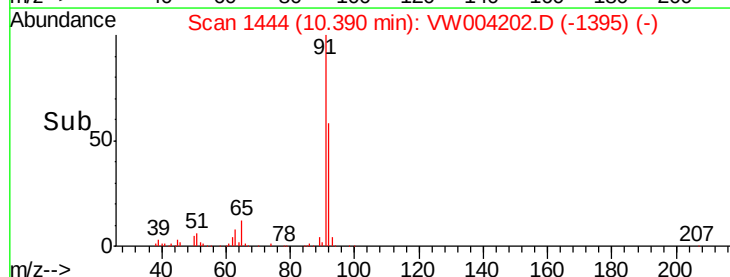
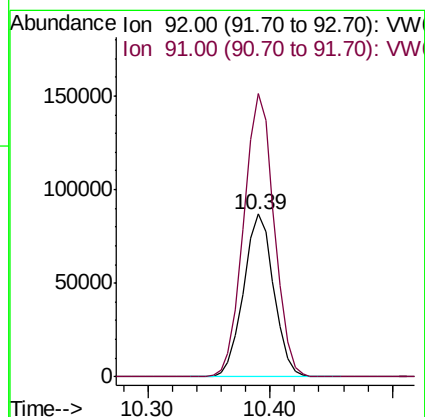
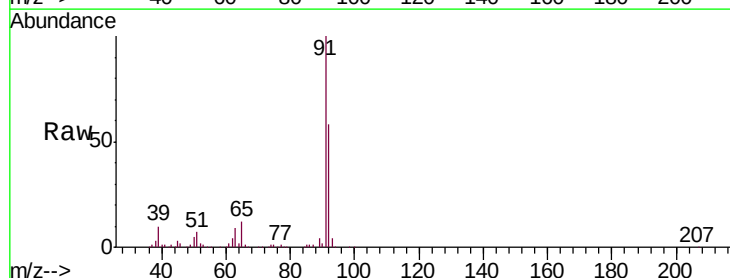
Acq: 25 Jul 2018 19:53

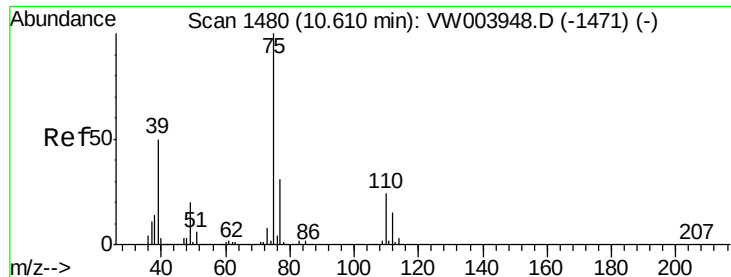
Tgt Ion: 92 Resp: 149221

Ion Ratio Lower Upper

92 100

91 174.8 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 22.039 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

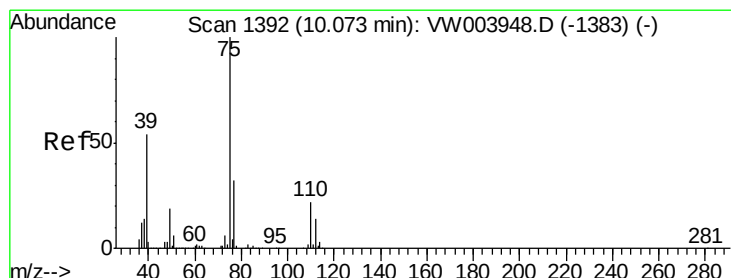
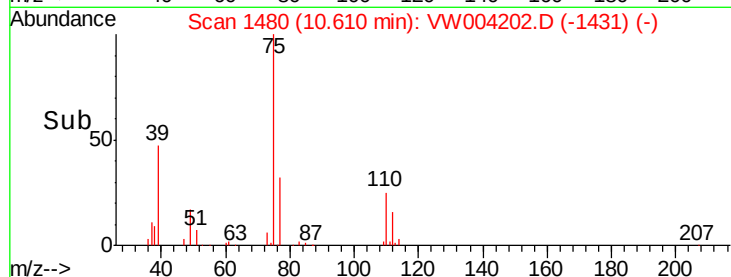
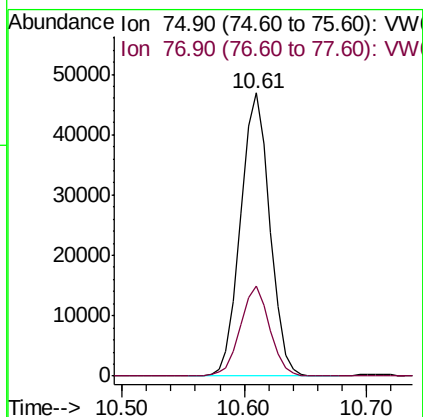
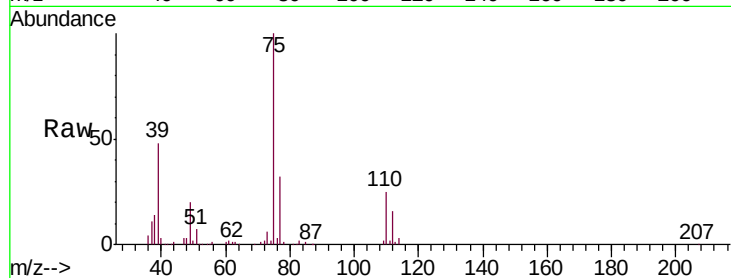
VW0726SBS01

Tgt Ion: 75 Resp: 77989

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 22.343 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

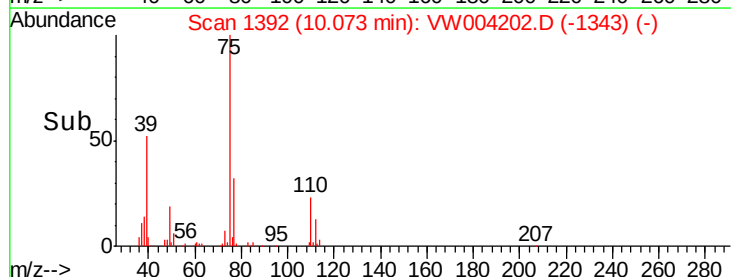
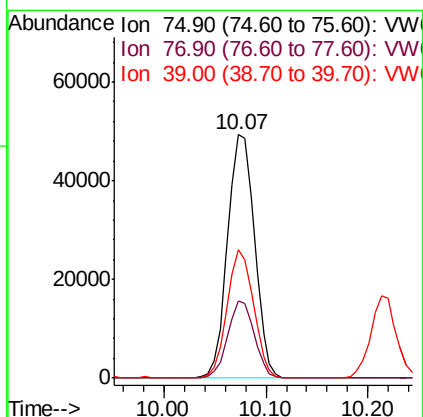
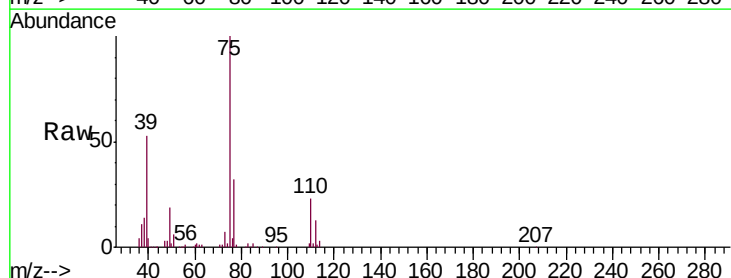
Tgt Ion: 75 Resp: 90446

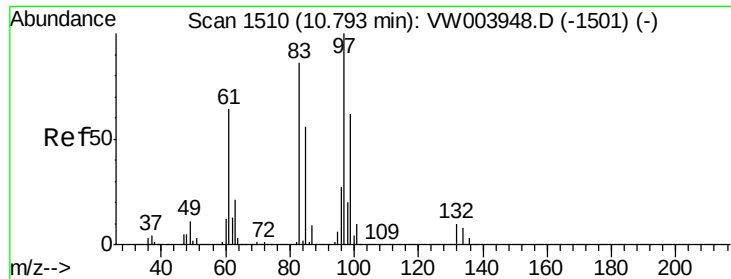
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 52.5 43.0 64.6

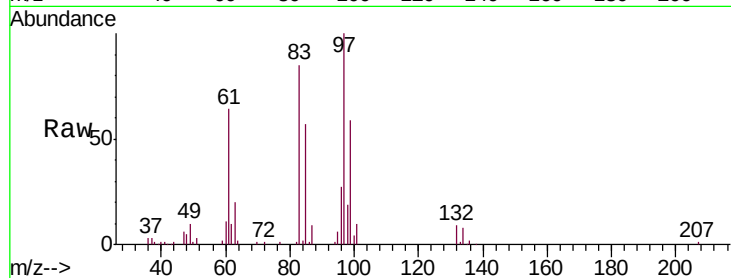




#55
 1,1,2-Trichloroethane
 Concen: 24.082 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tgt Ion:	97	Resp:	46493
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.0	103.4
85	57.3	45.0	67.6
99	58.8	49.9	74.9



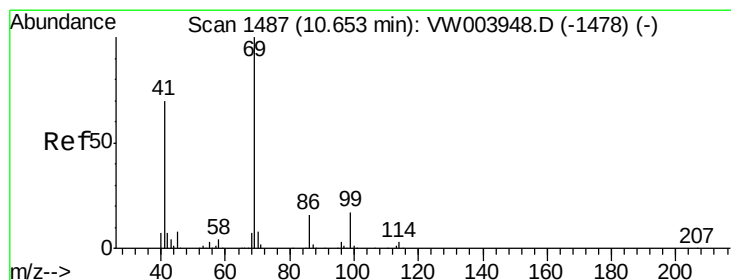
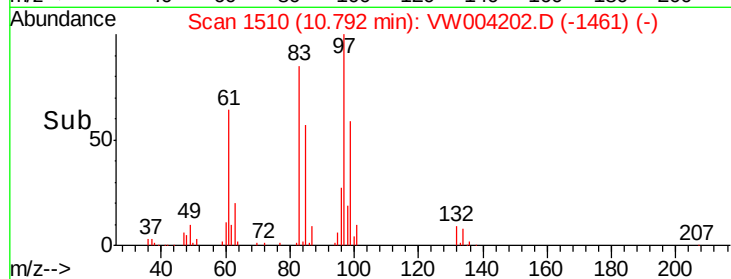
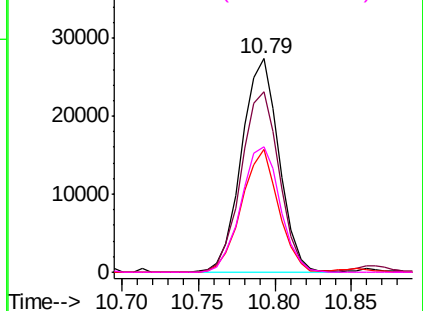
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

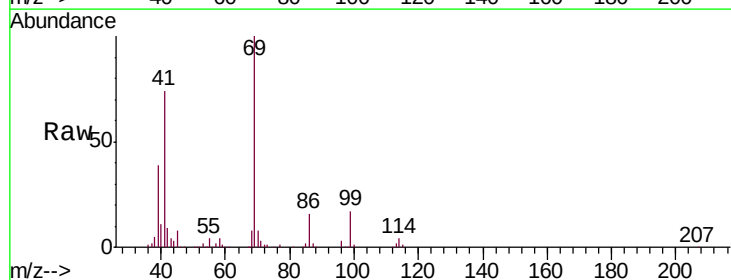
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.388 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion:	69	Resp:	54115
Ion	Ratio	Lower	Upper
69	100		
41	72.6	56.5	84.7
39	34.7	30.2	45.4

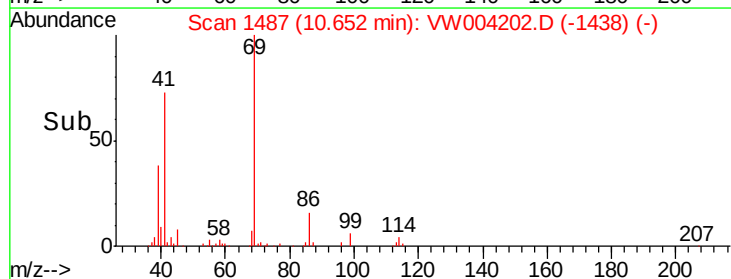
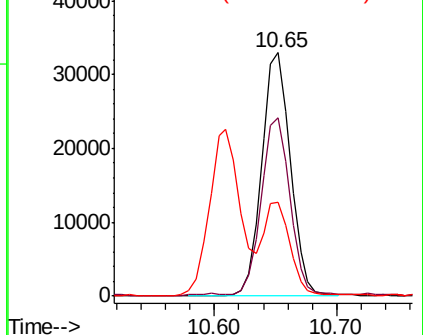


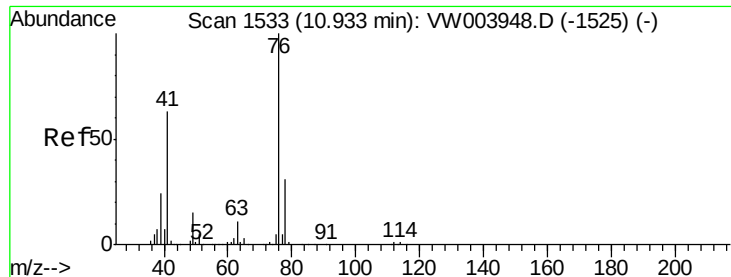
Abundance

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

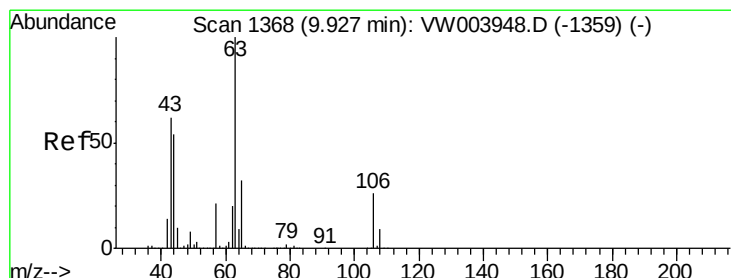
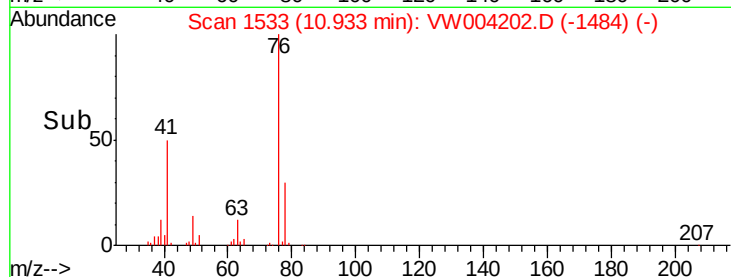
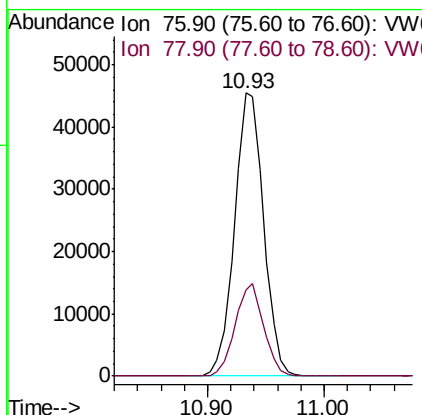
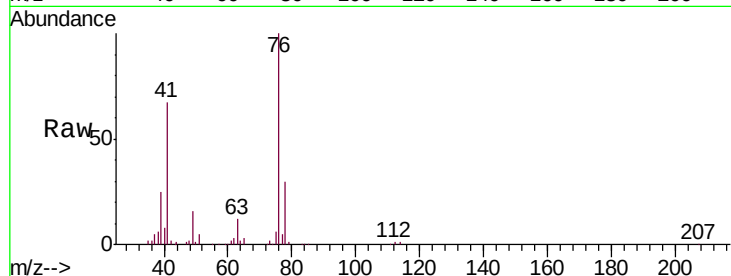




#57
 1,3-Dichloropropane
 Concen: 23.557 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

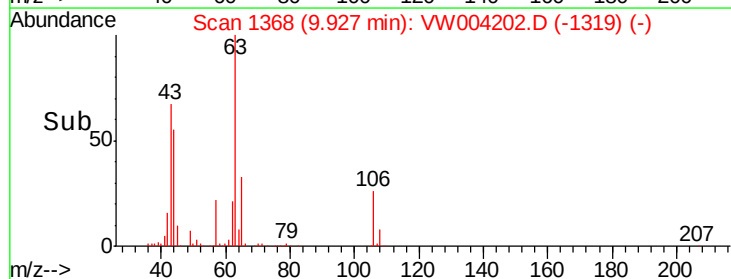
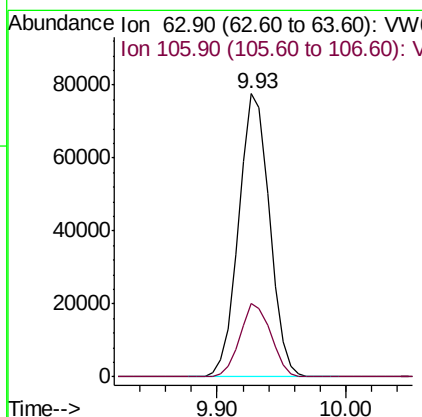
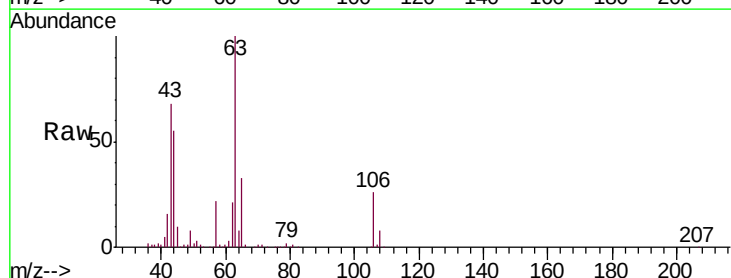
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

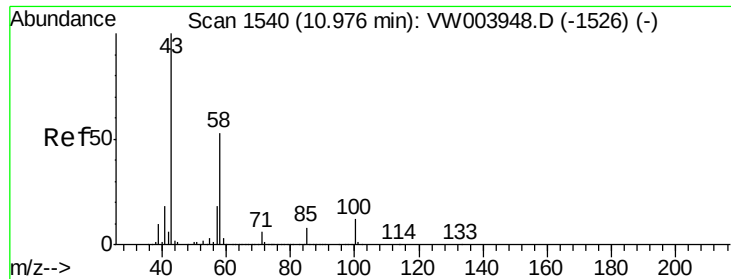
Tgt Ion: 76 Resp: 79015
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.666 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion: 63 Resp: 129036
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.2 31.8

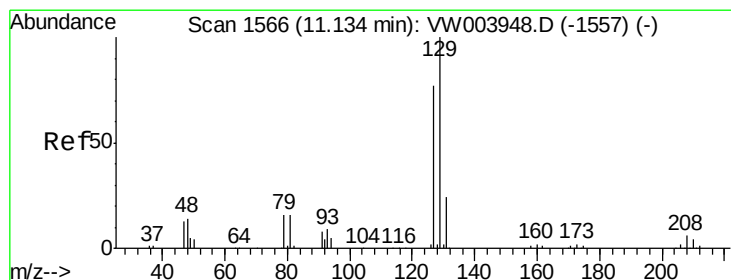
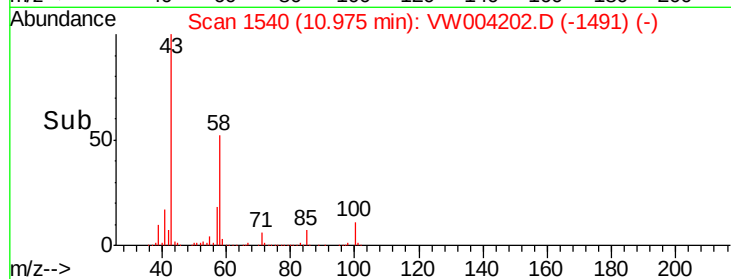
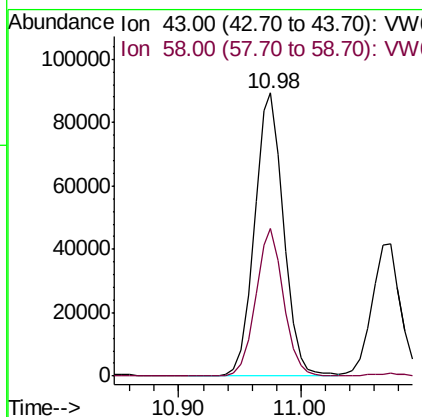
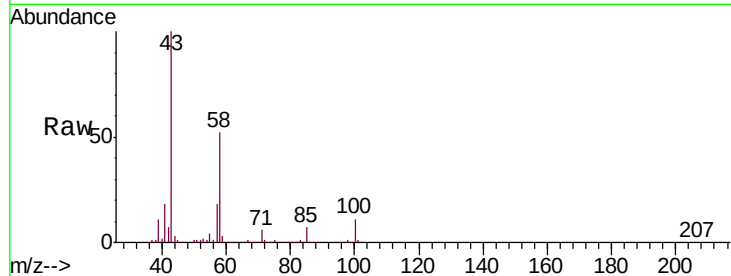




#59
2-Hexanone
Concen: 116.404 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

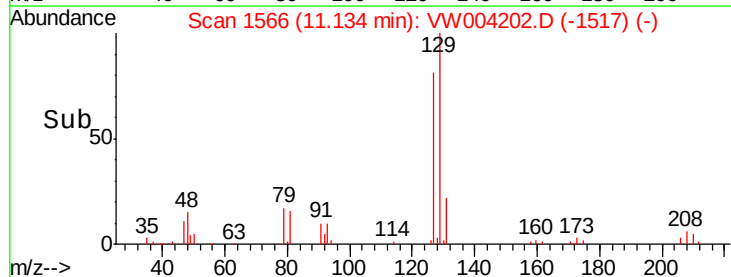
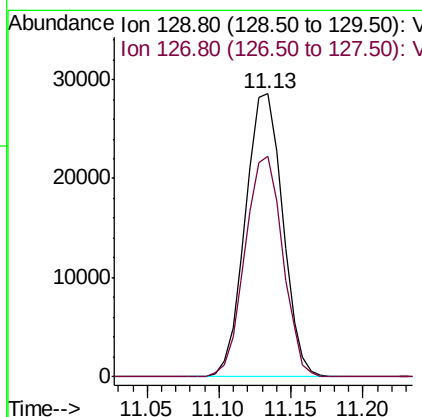
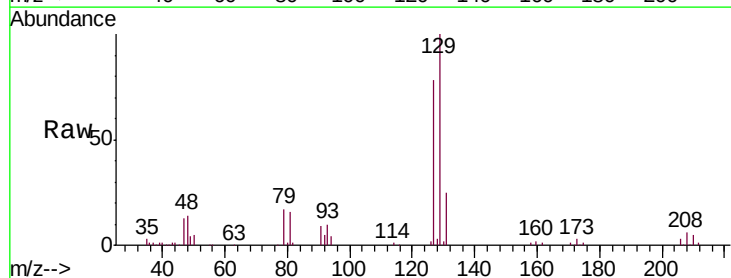
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

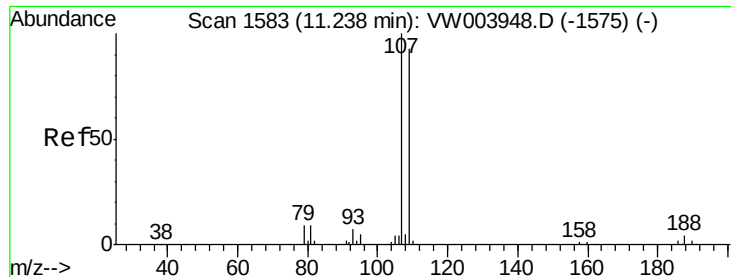
Tgt Ion: 43 Resp: 147311
Ion Ratio Lower Upper
43 100
58 50.1 26.0 78.0



#60
Dibromochloromethane
Concen: 22.849 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 129 Resp: 51372
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.3

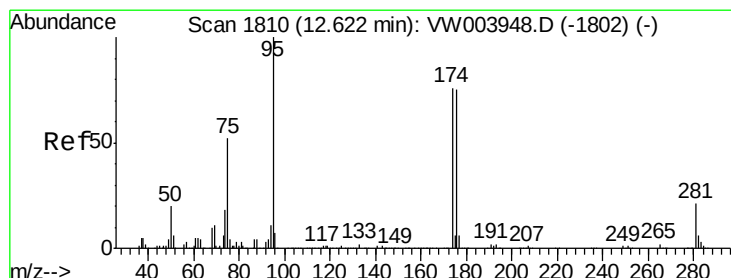
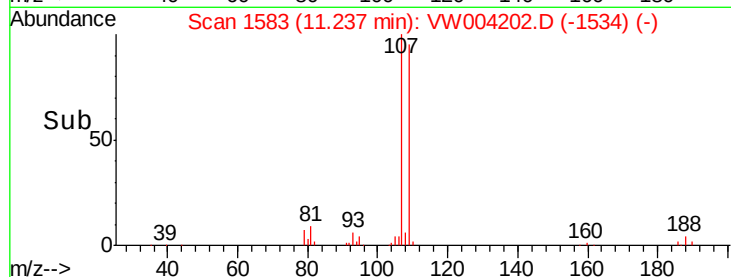
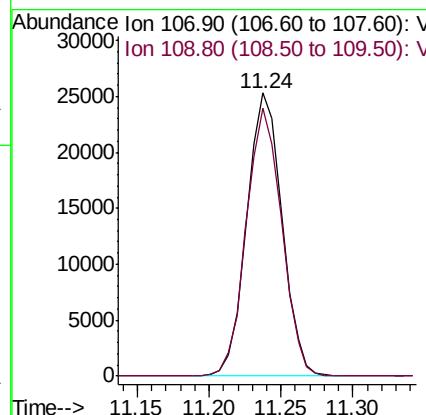
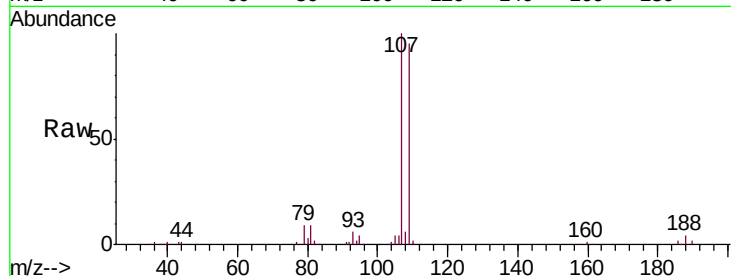




#61
 1,2-Dibromoethane
 Concen: 23.274 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

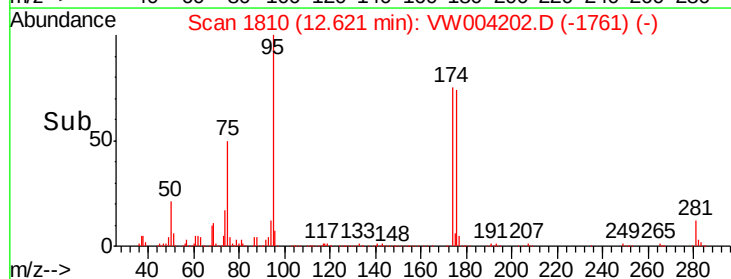
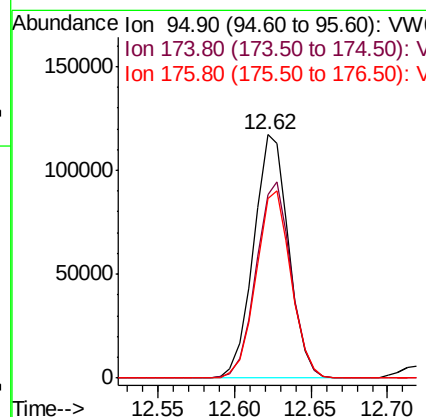
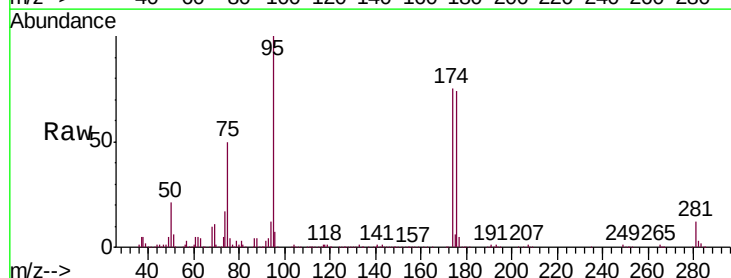
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

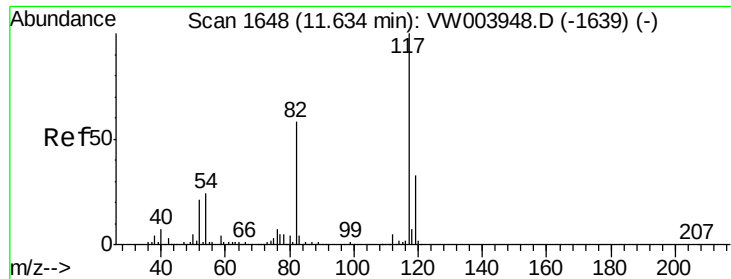
Tgt Ion: 107 Resp: 42753
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 57.017 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion: 95 Resp: 185868
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 160.2
 176 77.2 0.0 155.8

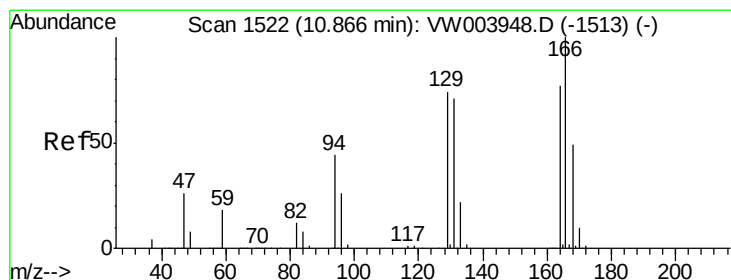
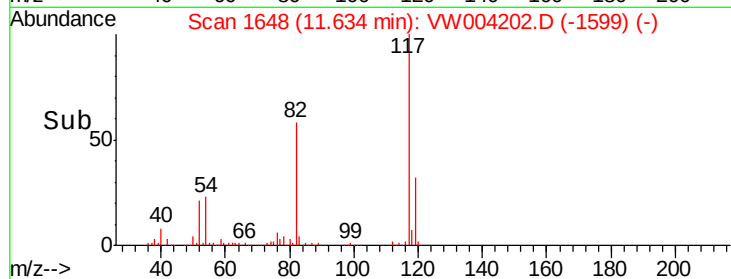
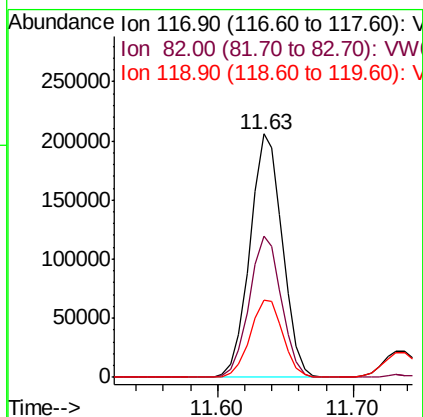
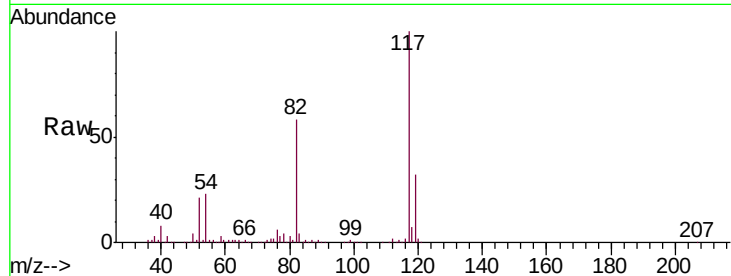




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

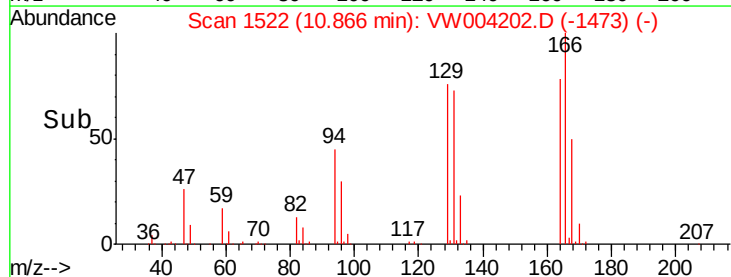
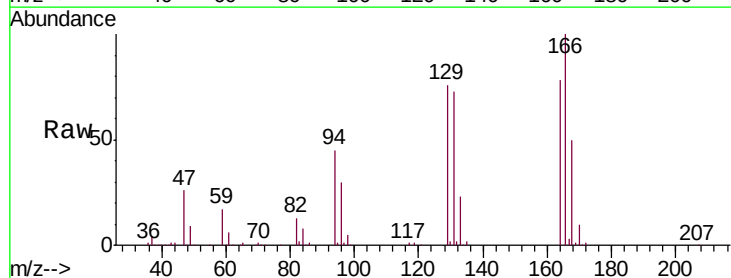
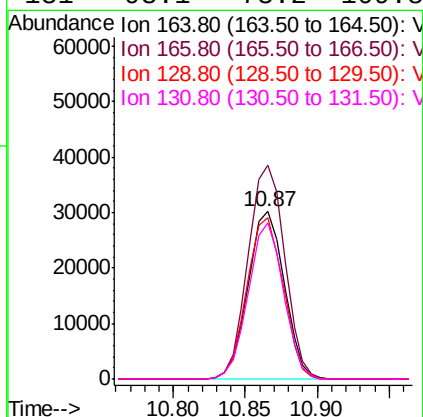
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

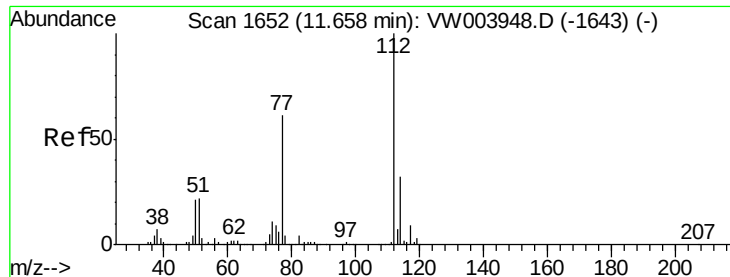
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.5	69.7
119	31.8	26.2	39.2



#64
Tetrachloroethene
Concen: 22.335 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	103.5	155.3
129	96.4	76.8	115.2
131	93.1	73.2	109.8

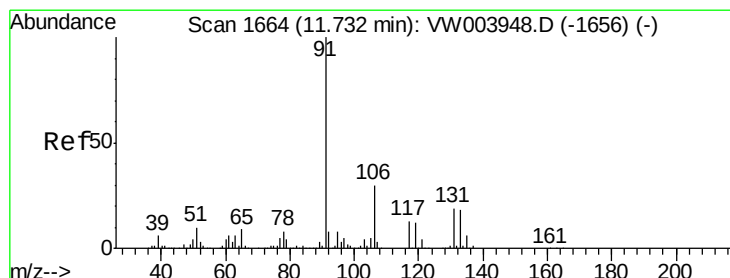
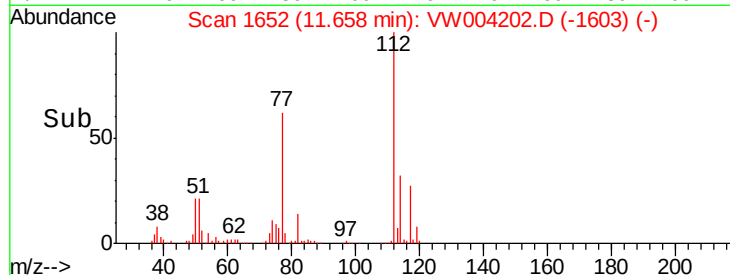
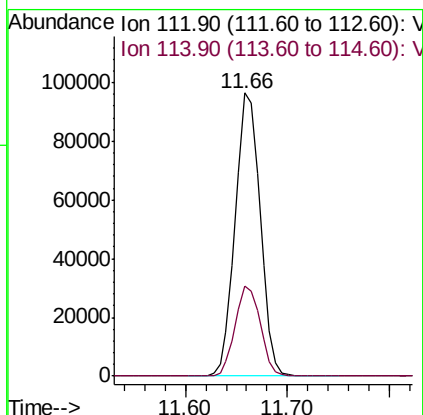
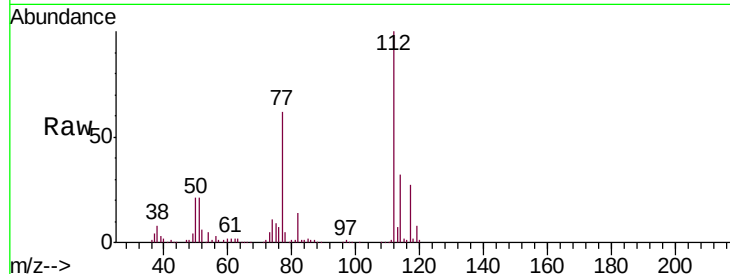




#65
Chlorobenzene
Concen: 22.273 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

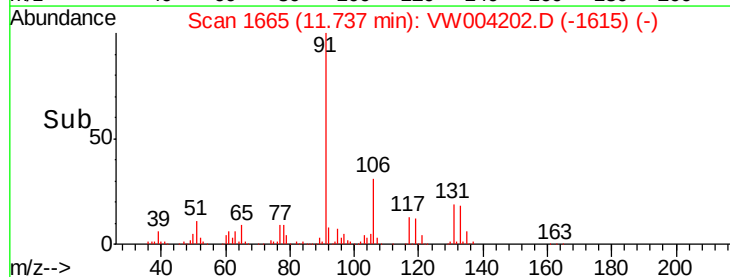
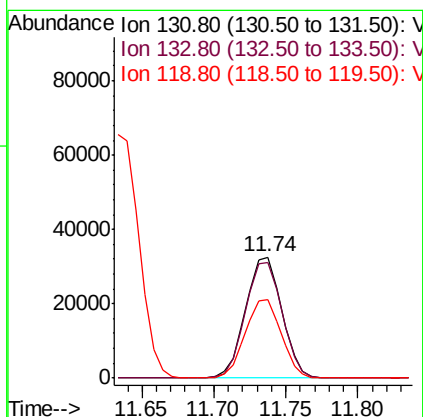
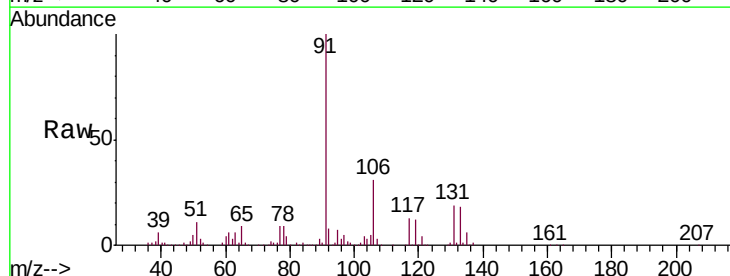
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

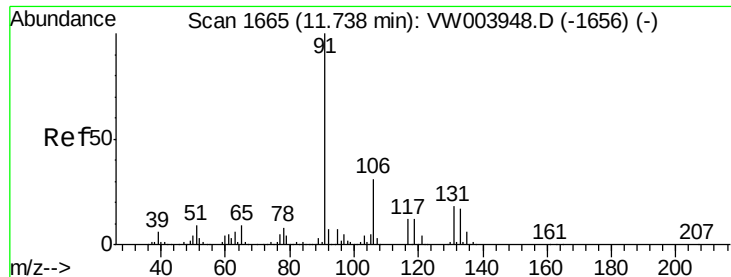
Tgt Ion:112 Resp: 162938
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.322 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion:131 Resp: 56745
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.8
119 64.5 32.5 97.5

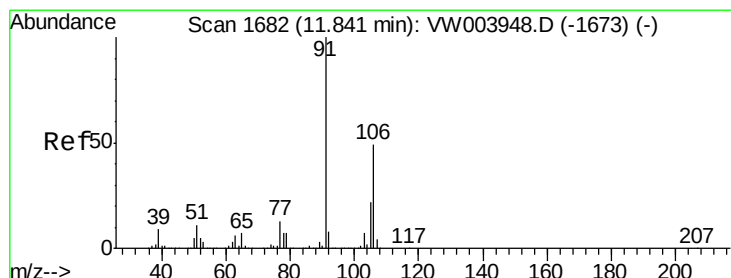
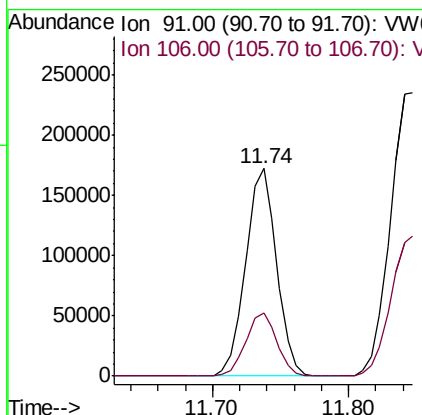
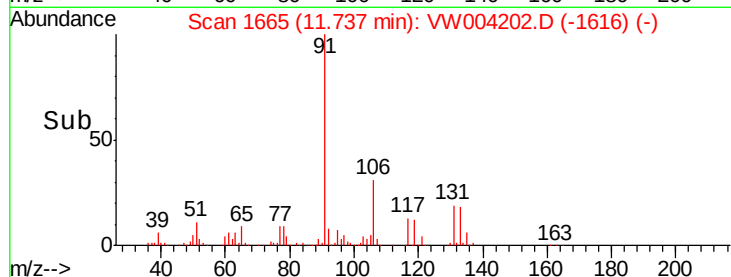
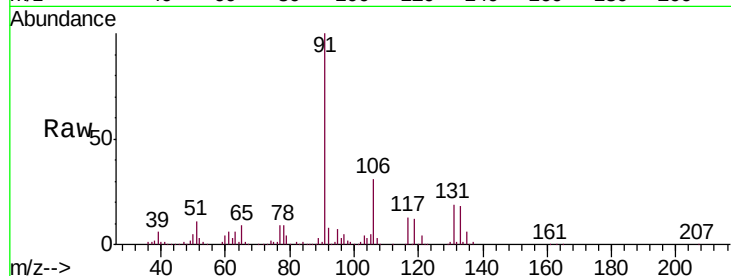




#67
Ethyl Benzene
Concen: 21.367 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

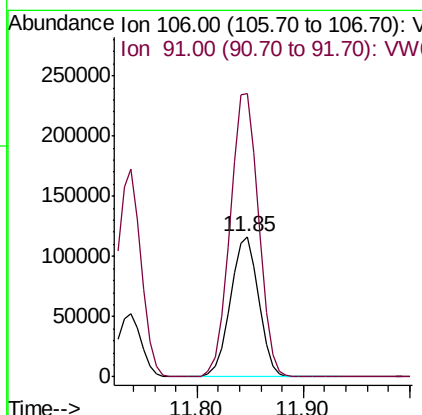
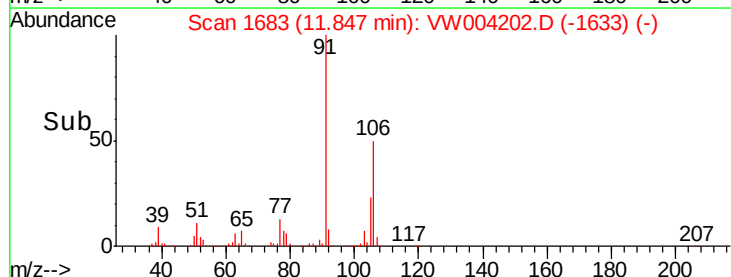
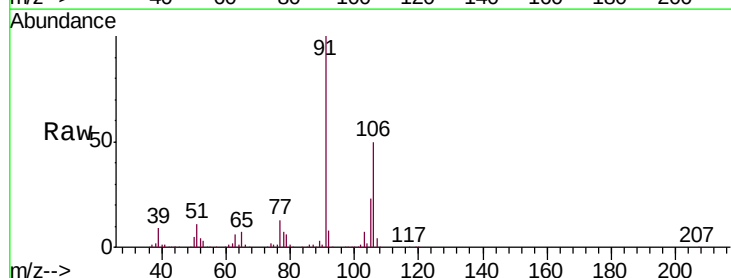
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

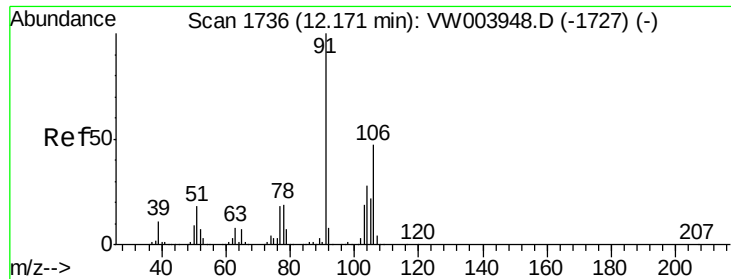
Tgt Ion: 91 Resp: 274580
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



#68
m/p-Xylenes
Concen: 44.083 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 106 Resp: 216524
Ion Ratio Lower Upper
106 100
91 204.3 164.2 246.2

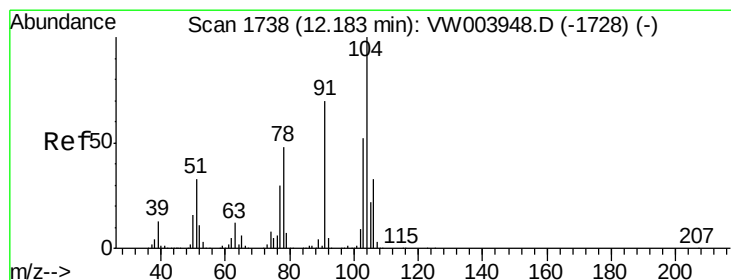
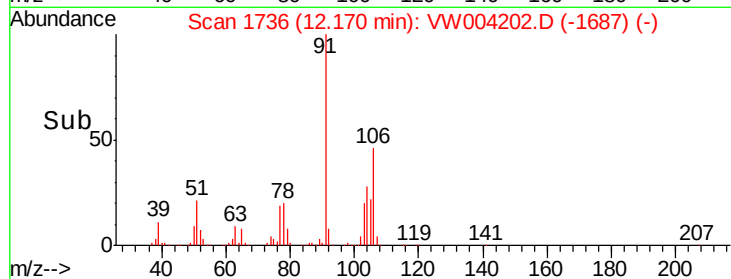
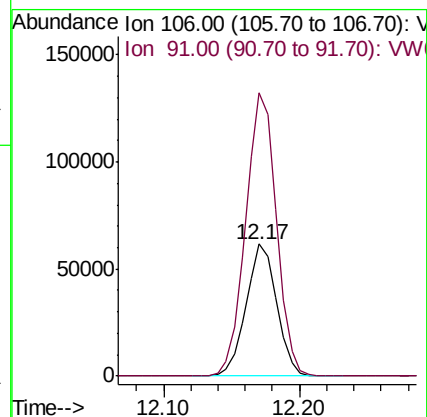
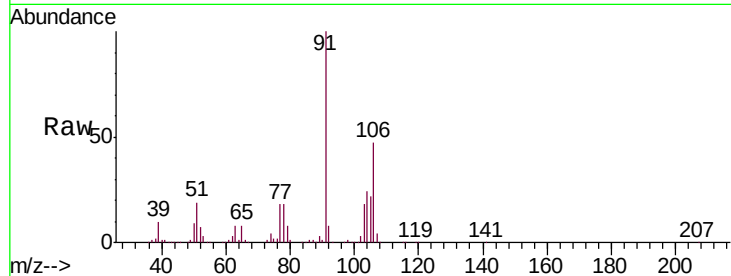




#69
o-Xylene
Concen: 21.271 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

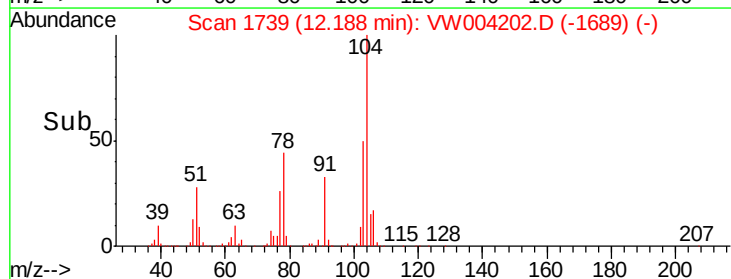
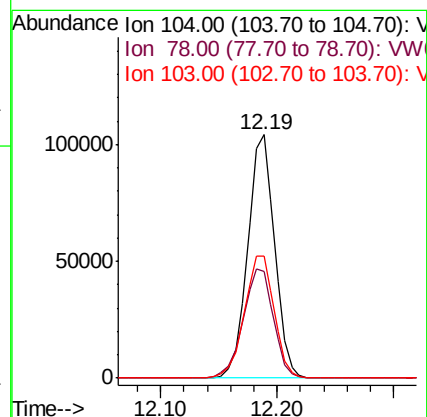
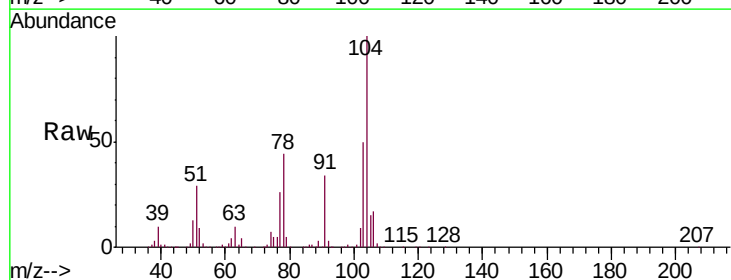
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

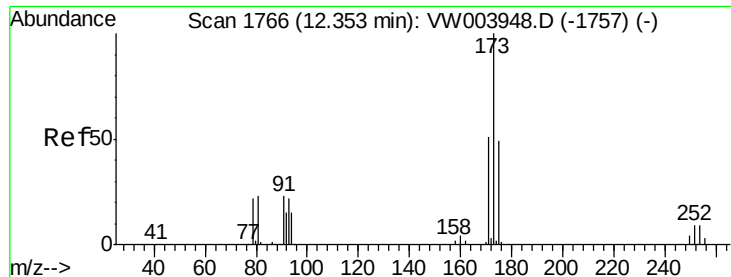
Tgt Ion:106 Resp: 96917
Ion Ratio Lower Upper
106 100
91 216.4 107.5 322.6



#70
Styrene
Concen: 22.147 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion:104 Resp: 168542
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.4
103 55.6 44.6 67.0





#71

Bromoform

Concen: 22.082 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

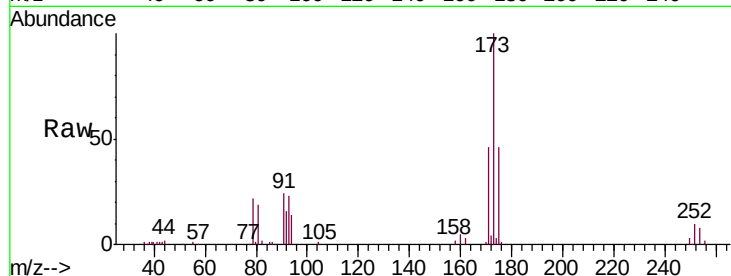
Tgt Ion:173 Resp: 31695

Ion Ratio Lower Upper

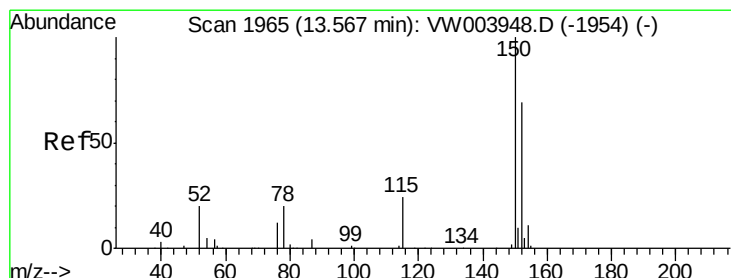
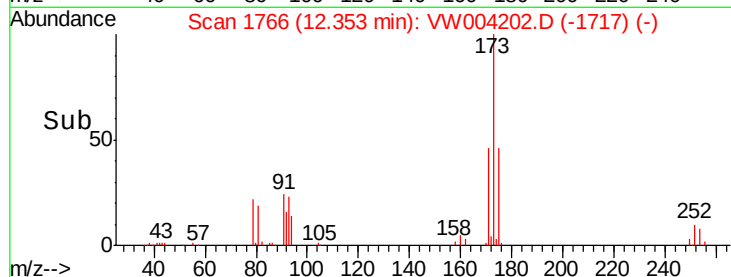
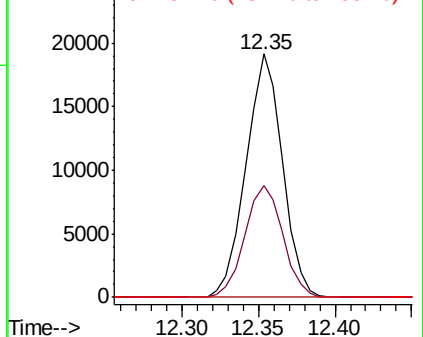
173 100

175 47.9 24.4 73.2

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: VW004202.D

Acq: 25 Jul 2018 19:53

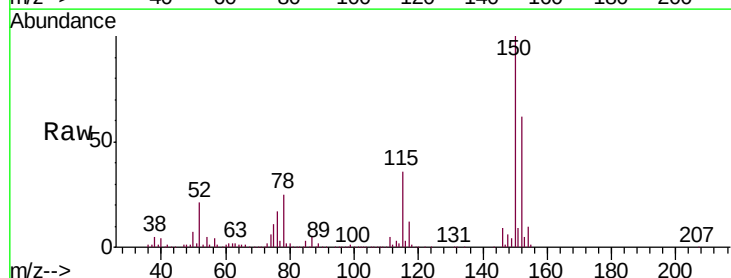
Tgt Ion:152 Resp: 185156

Ion Ratio Lower Upper

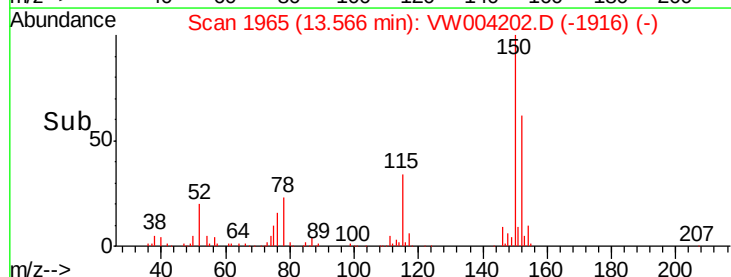
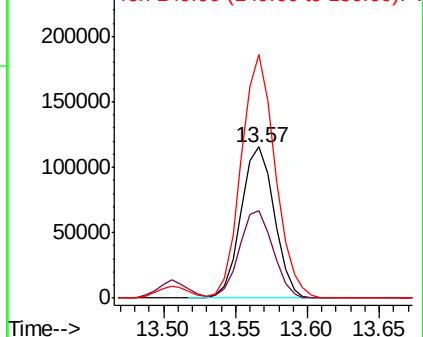
152 100

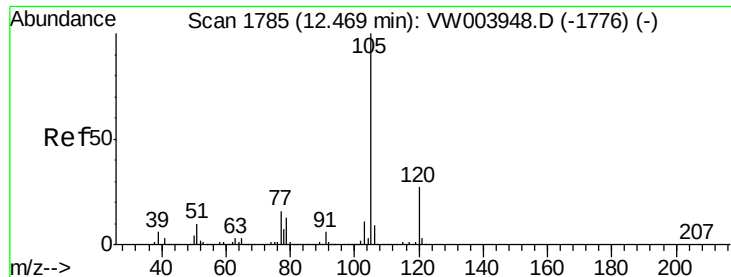
115 58.4 29.2 87.6

150 164.2 0.0 345.2



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

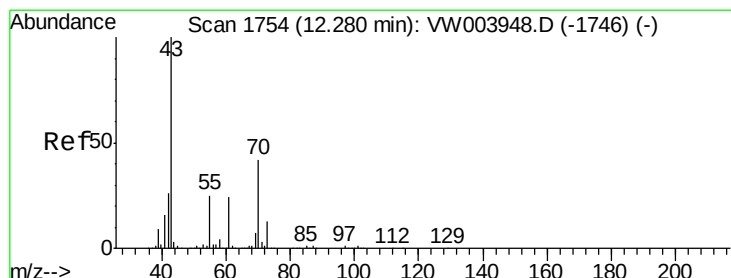
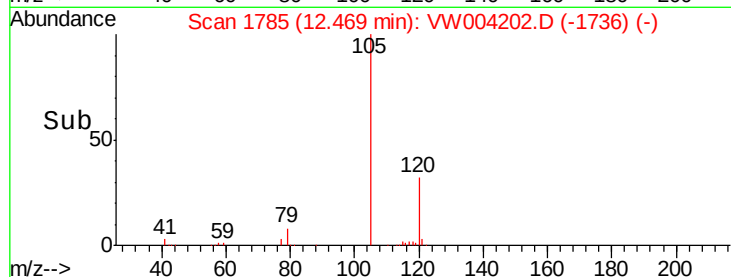
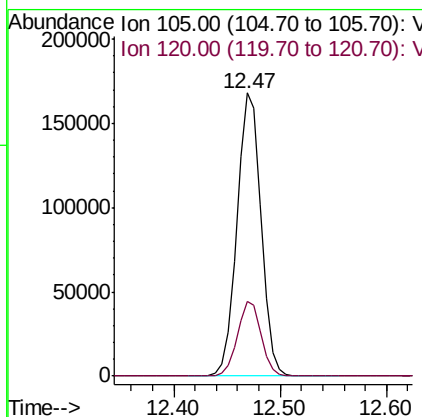
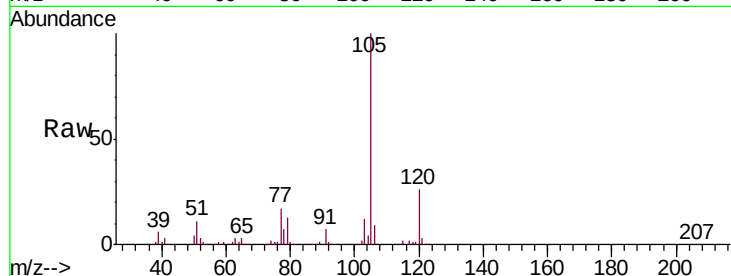




#73
Isopropylbenzene
Concen: 20.370 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

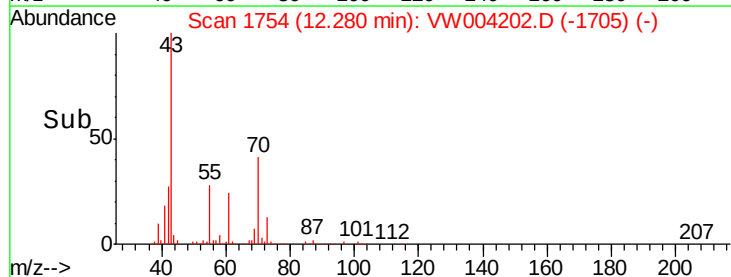
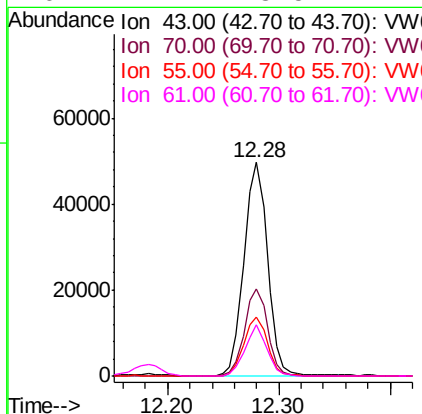
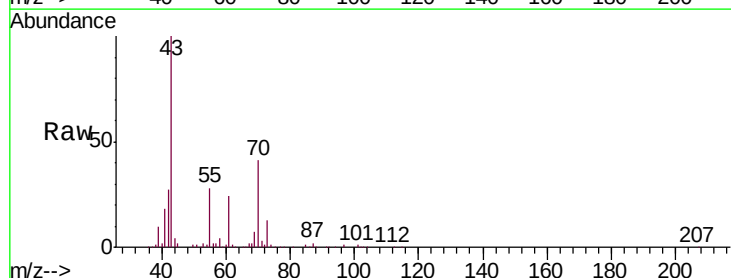
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

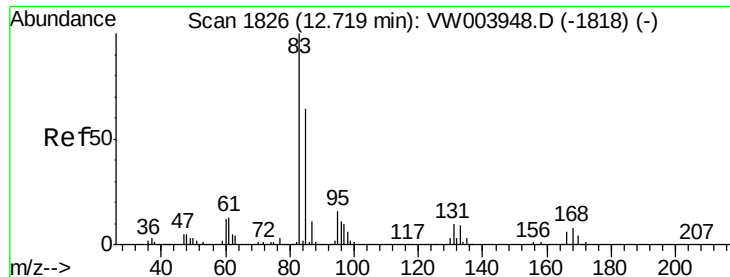
Tgt Ion:105 Resp: 266512
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



#74
N-ethyl acetate
Concen: 21.493 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 43 Resp: 73270
Ion Ratio Lower Upper
43 100
70 40.0 31.6 47.4
55 27.7 20.0 30.0
61 22.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.458 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

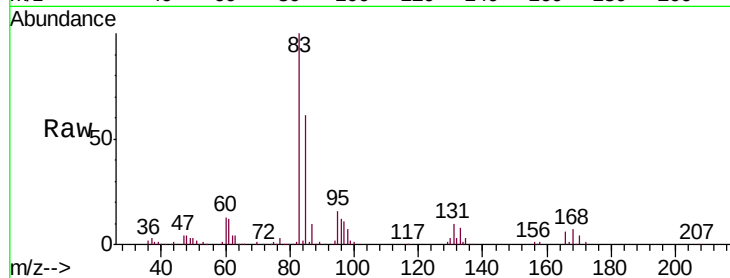
Tgt Ion: 83 Resp: 56824

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

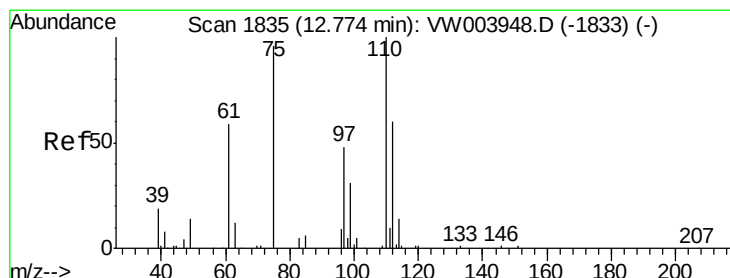
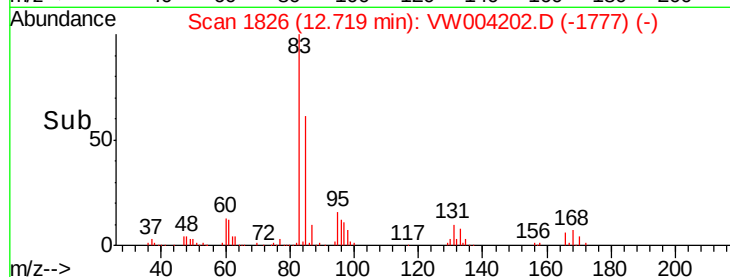
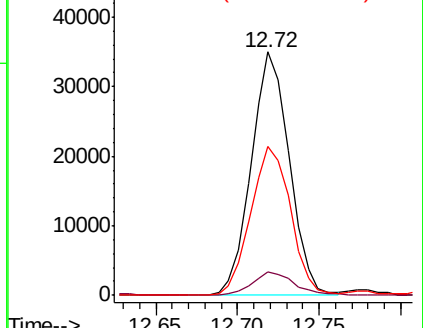
85 63.9 32.2 96.6



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: 40.099 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004202.D

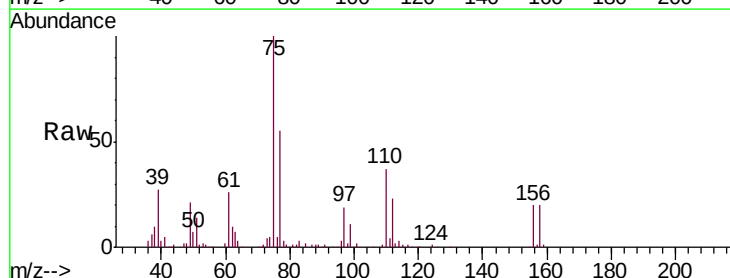
Acq: 25 Jul 2018 19:53

Tgt Ion: 75 Resp: 73709

Ion Ratio Lower Upper

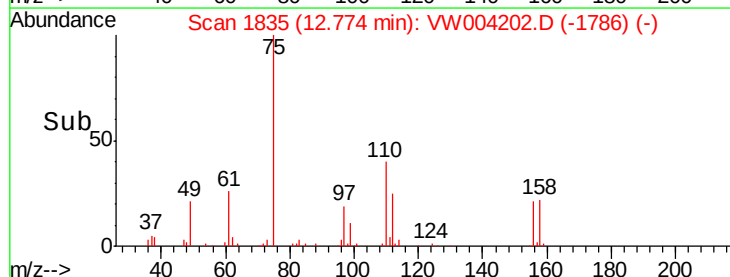
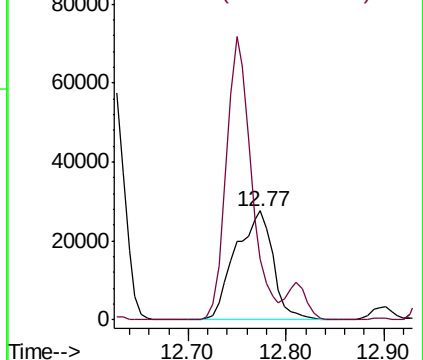
75 100

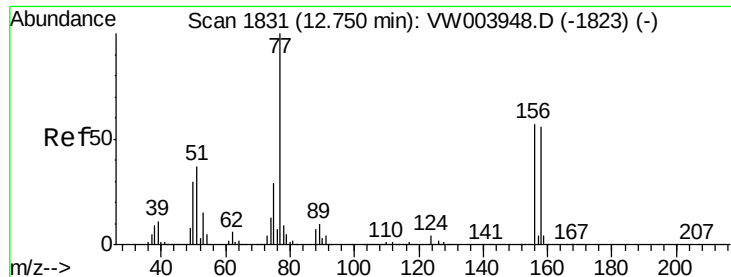
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.227 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

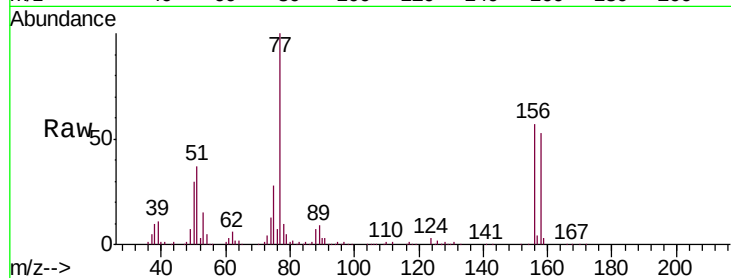
Tgt Ion:156 Resp: 66454

Ion Ratio Lower Upper

156 100

77 193.3 96.2 288.6

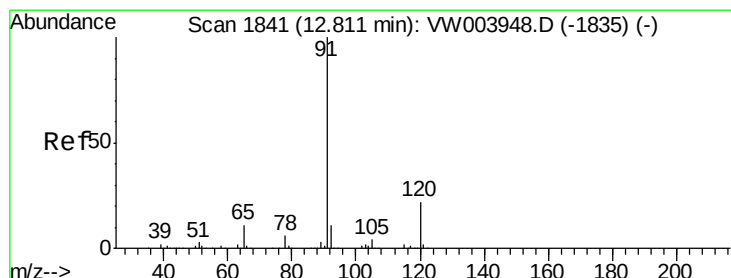
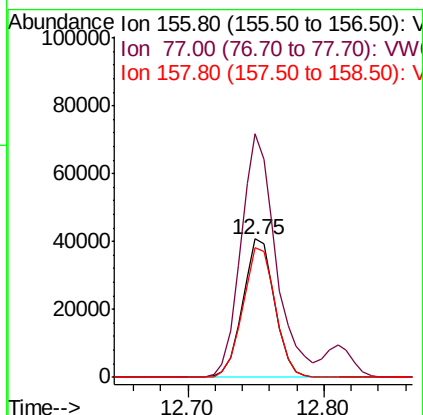
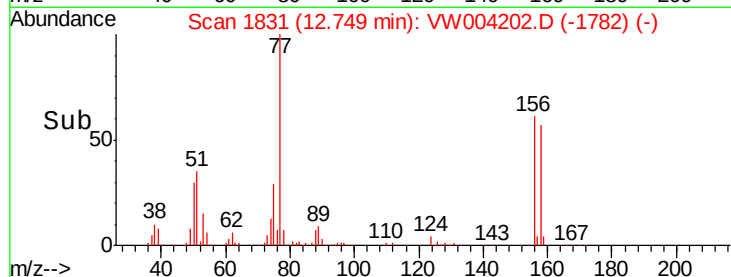
158 95.8 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.251 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004202.D

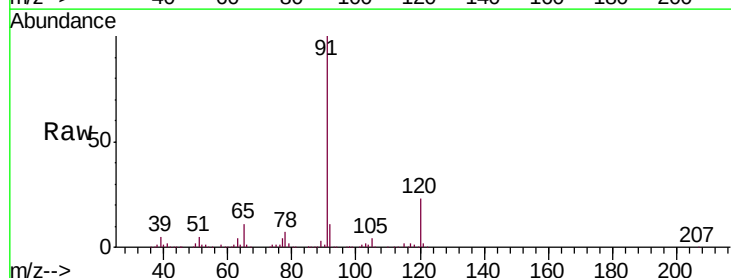
Acq: 25 Jul 2018 19:53

Tgt Ion: 91 Resp: 341103

Ion Ratio Lower Upper

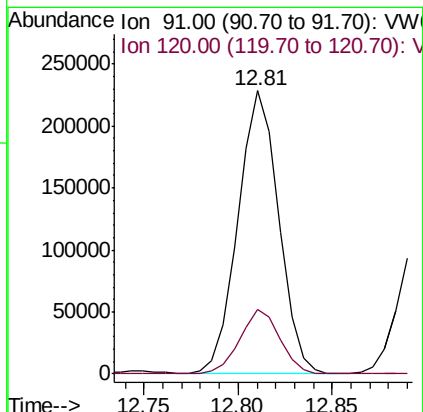
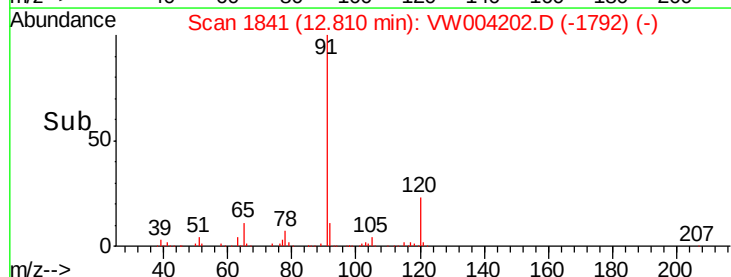
91 100

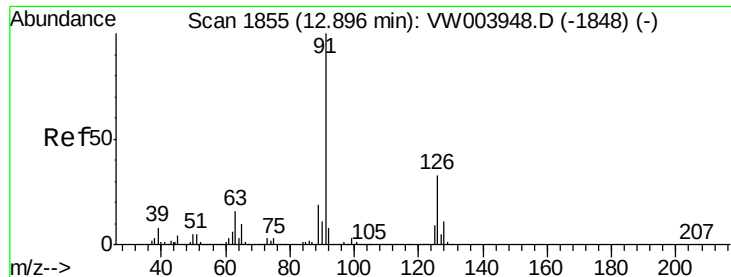
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.719 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

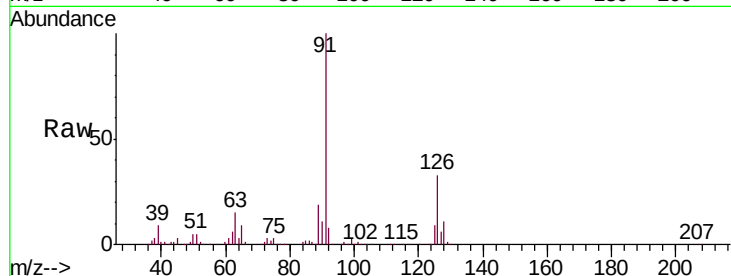
VW0726SBS01

Tgt Ion: 91 Resp: 196624

Ion Ratio Lower Upper

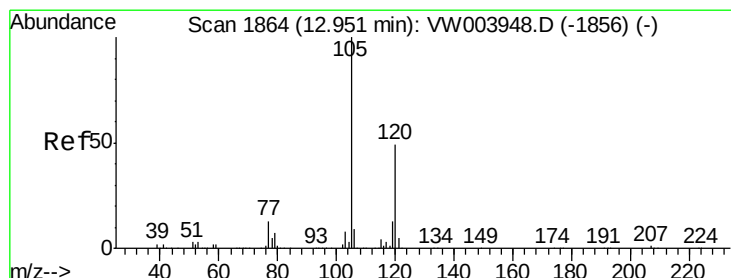
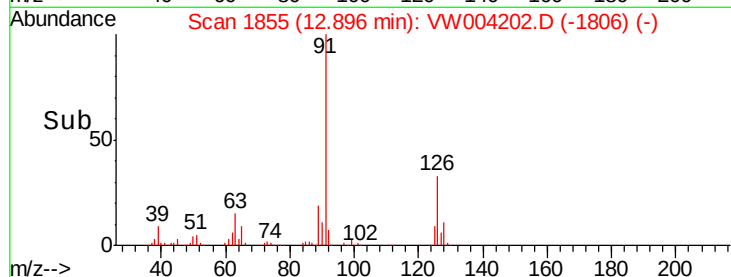
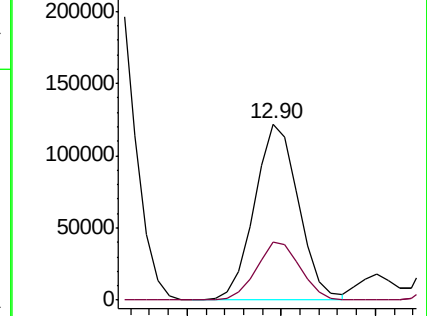
91 100

126 33.1 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.283 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004202.D

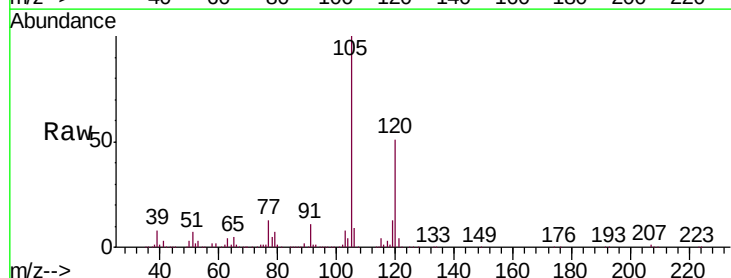
Acq: 25 Jul 2018 19:53

Tgt Ion: 105 Resp: 234339

Ion Ratio Lower Upper

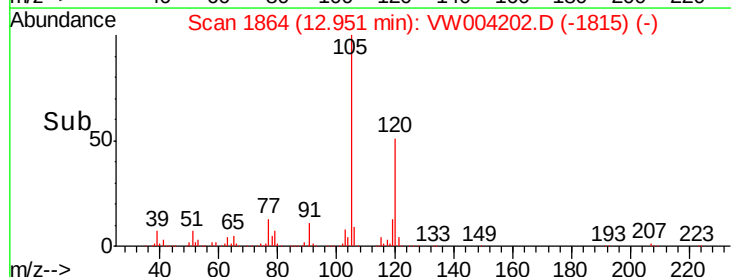
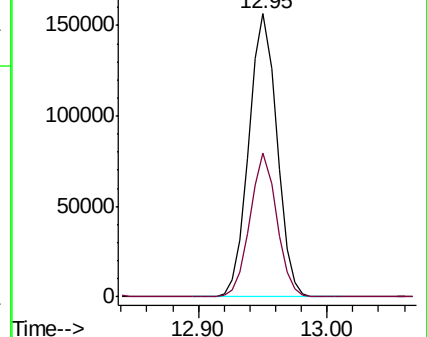
105 100

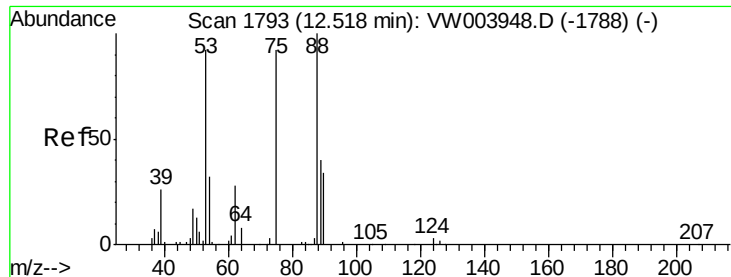
120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.020 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

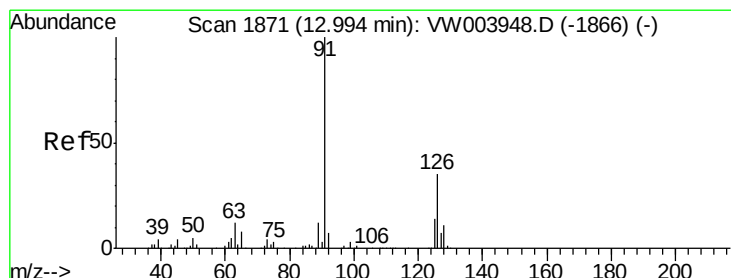
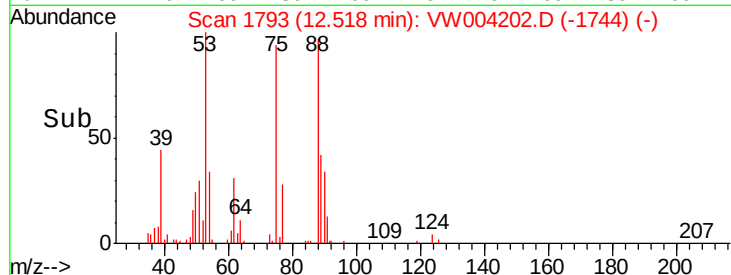
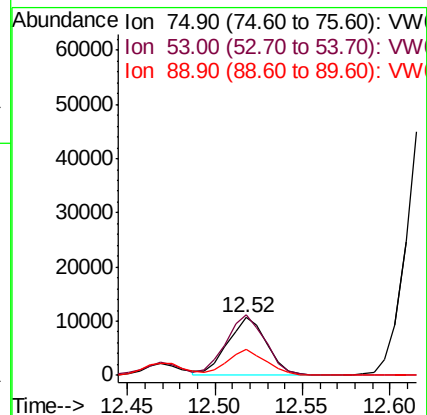
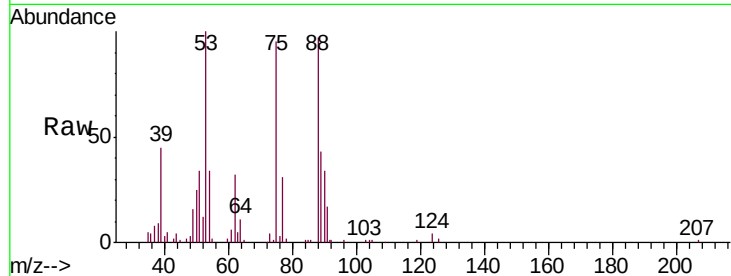
Tgt Ion: 75 Resp: 16637

Ion Ratio Lower Upper

75 100

53 105.9 77.6 116.4

89 43.4 36.6 54.8



#82

4-Chlorotoluene

Concen: 21.751 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004202.D

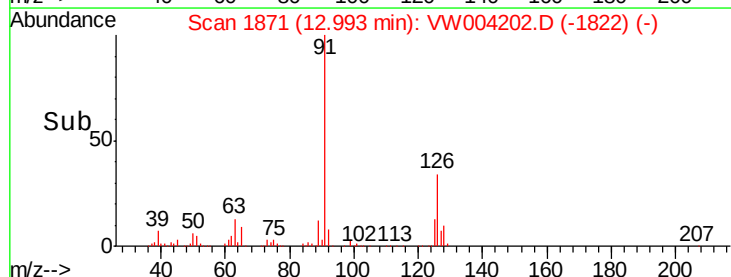
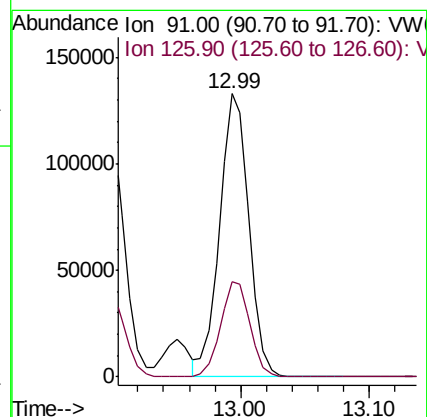
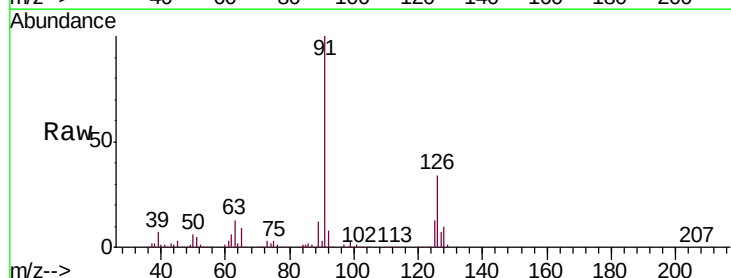
Acq: 25 Jul 2018 19:53

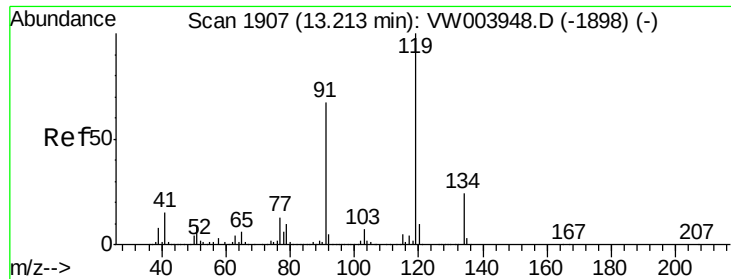
Tgt Ion: 91 Resp: 211311

Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.0

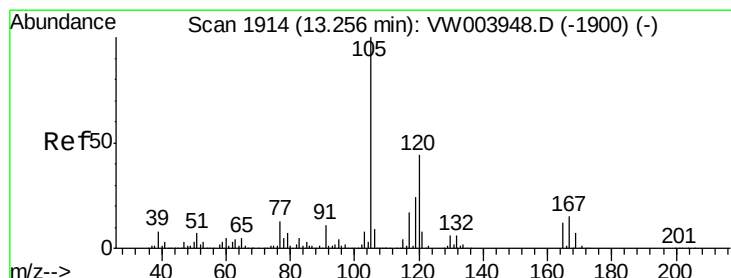
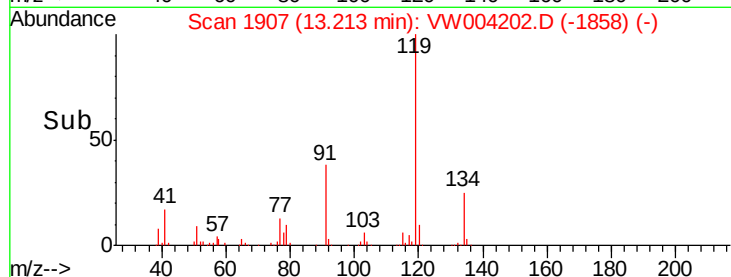
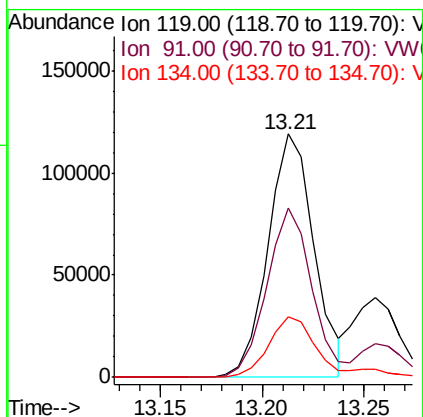
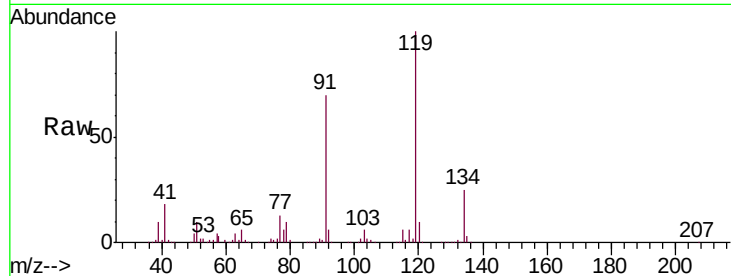




#83
 tert-Butylbenzene
 Concen: 20.250 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

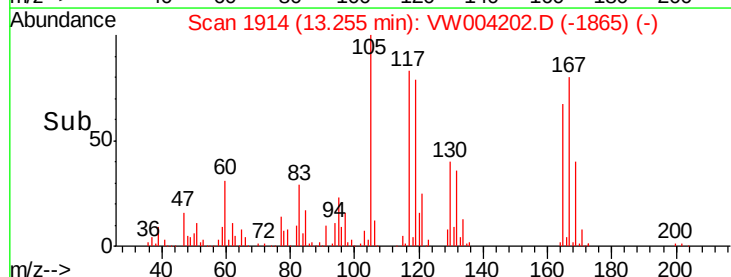
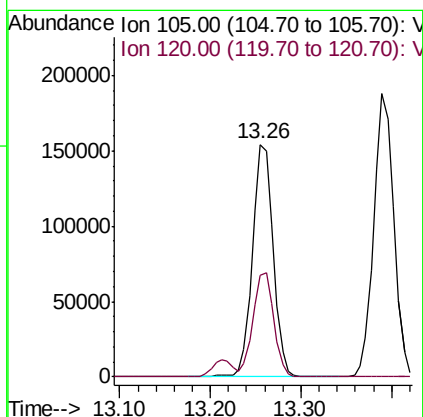
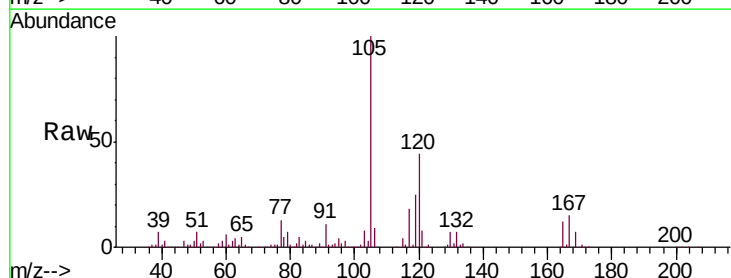
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

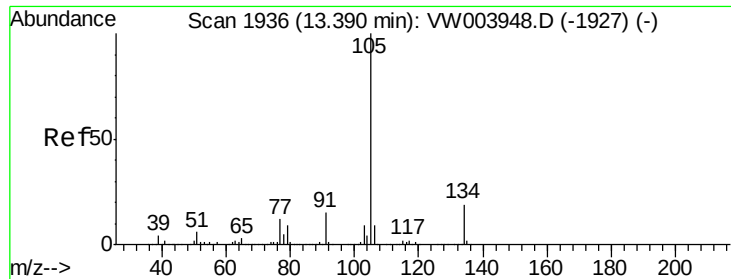
Tgt Ion:119 Resp: 187186
 Ion Ratio Lower Upper
 119 100
 91 69.1 33.2 99.6
 134 25.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.555 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion:105 Resp: 244179
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.1

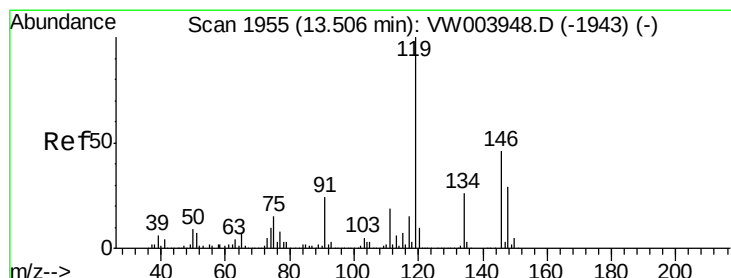
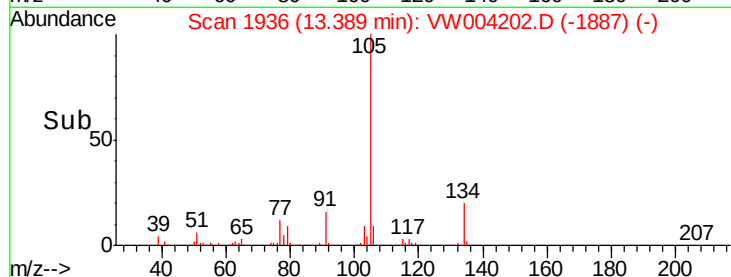
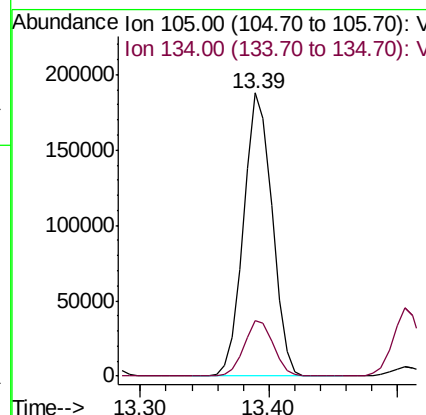
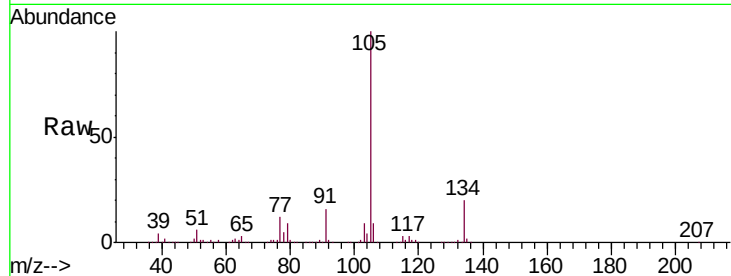




#85
 sec-Butylbenzene
 Concen: 20.969 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

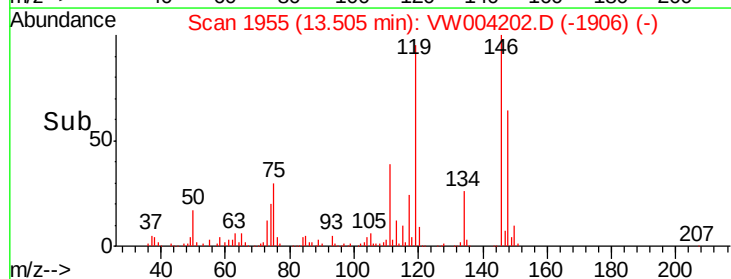
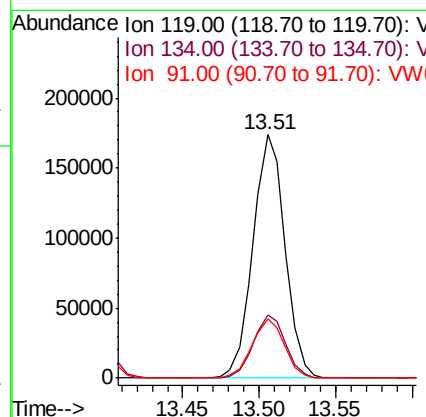
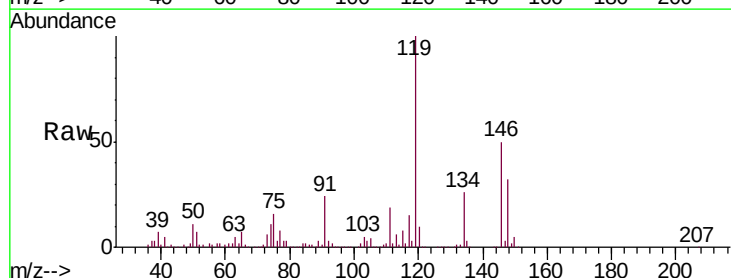
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

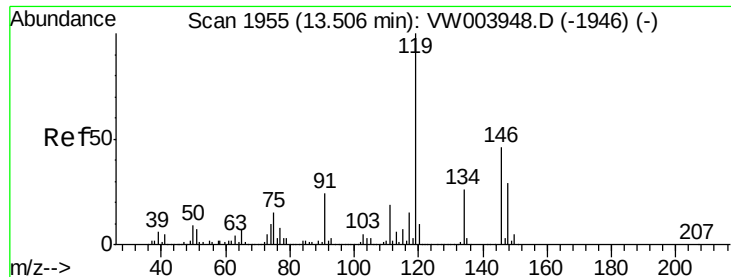
Tgt Ion:105 Resp: 287605
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.970 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion:119 Resp: 252284
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 24.4 11.8 35.3

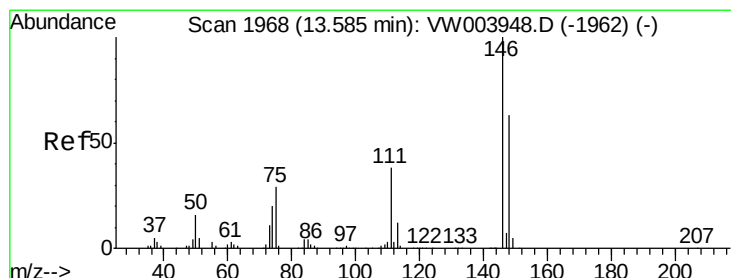
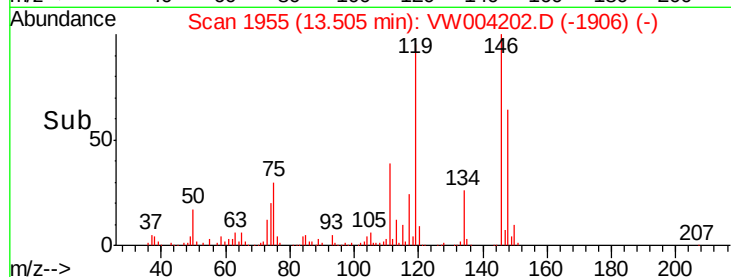
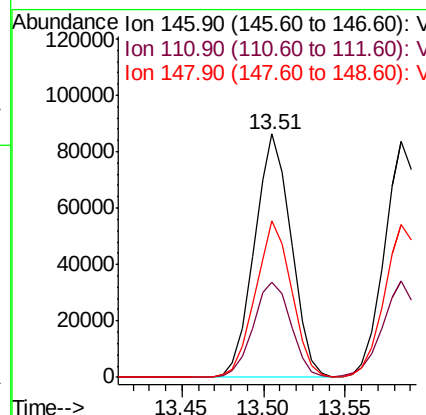
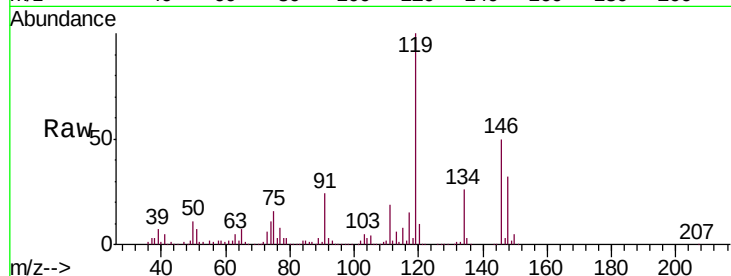




#87
 1,3-Dichlorobenzene
 Concen: 21.660 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

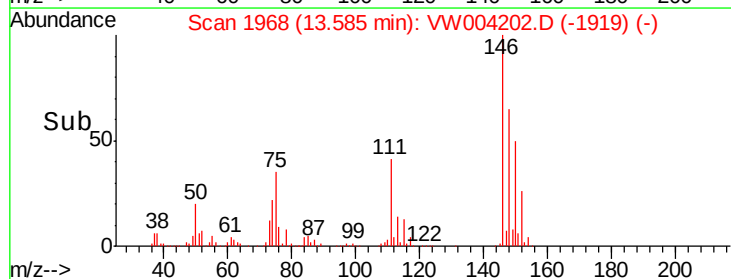
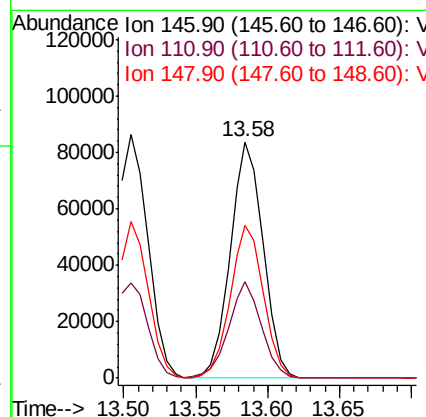
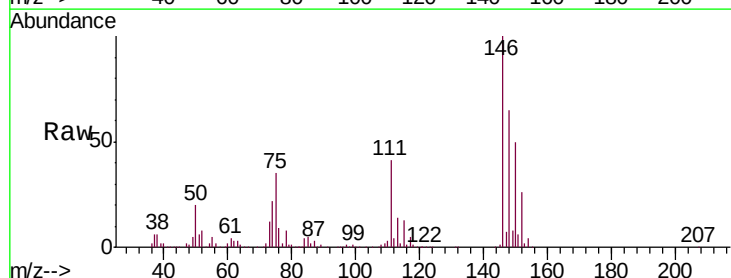
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

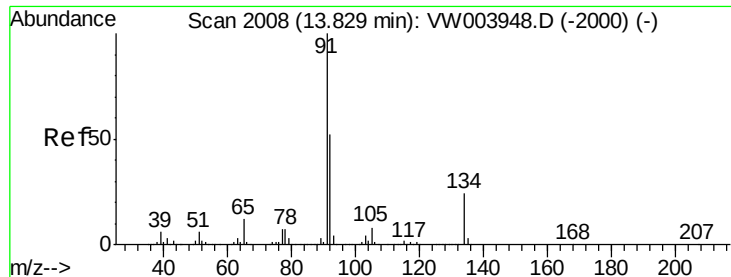
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.6
148	63.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.305 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.7
148	65.0	32.3	96.8





#89

n-Butylbenzene

Concen: 20.920 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

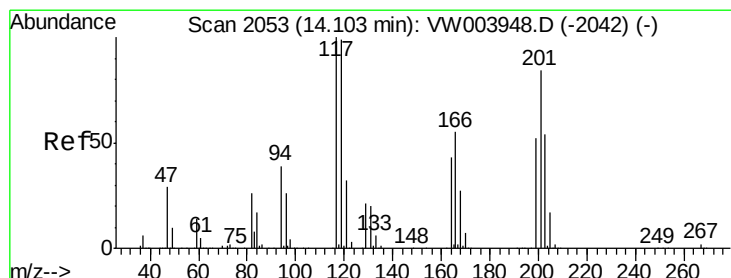
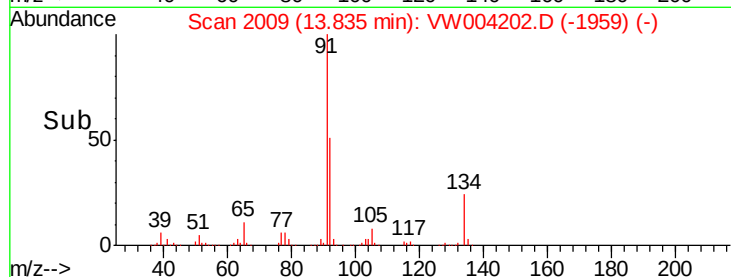
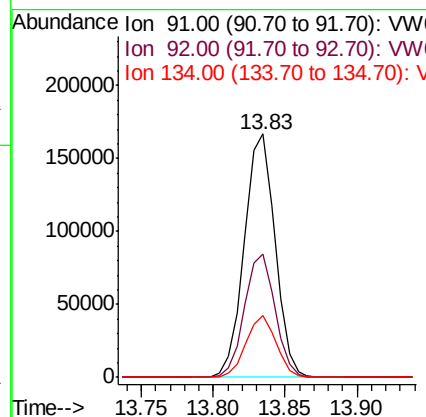
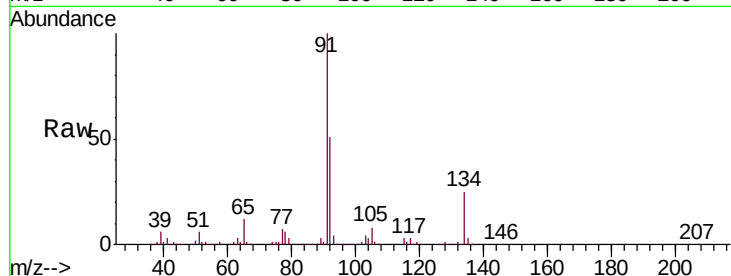
Tgt Ion: 91 Resp: 247420

Ion Ratio Lower Upper

91 100

92 50.2 26.1 78.3

134 24.6 12.4 37.4



#90

Hexachloroethane

Concen: 21.124 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004202.D

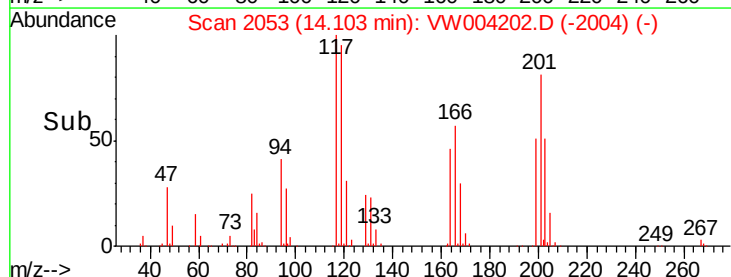
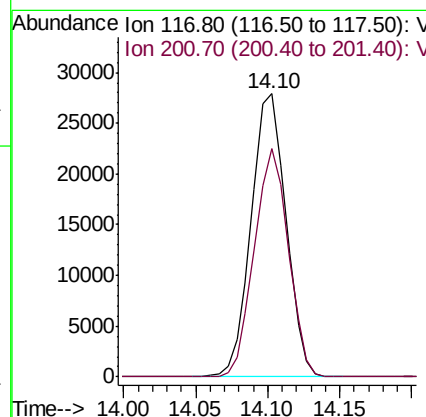
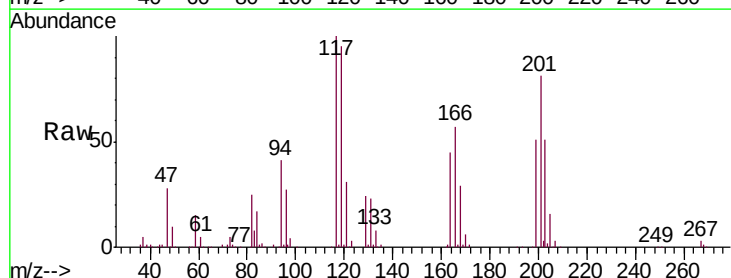
Acq: 25 Jul 2018 19:53

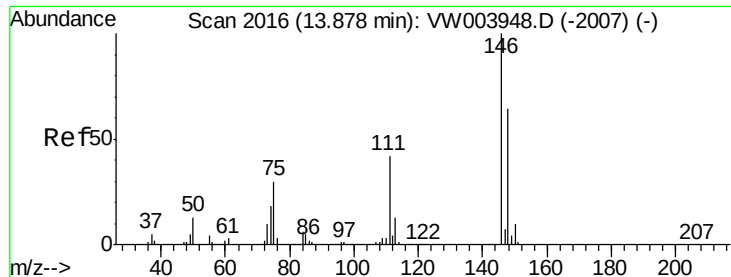
Tgt Ion: 117 Resp: 46846

Ion Ratio Lower Upper

117 100

201 78.5 40.3 120.9

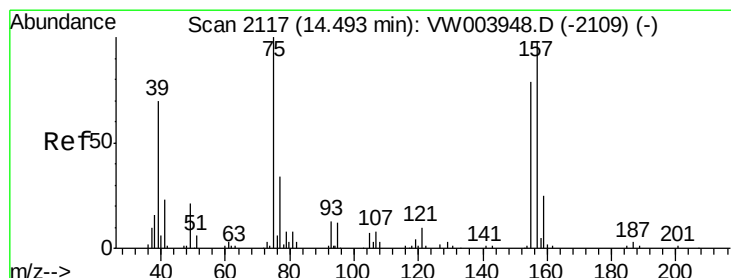
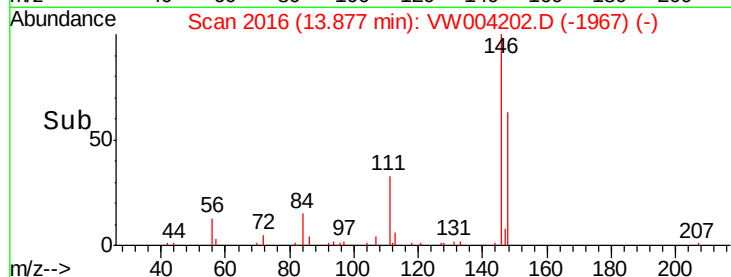
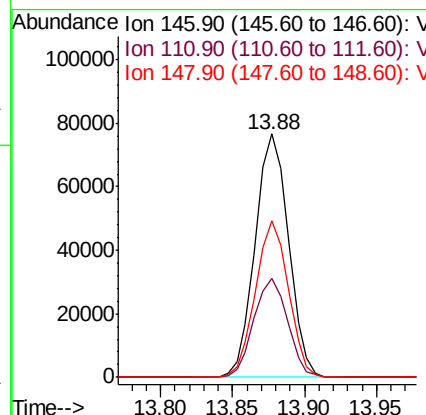
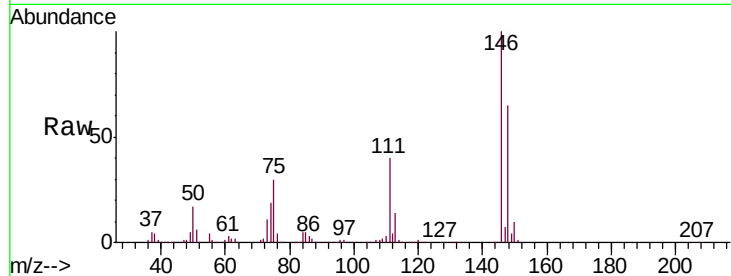




#91
 1,2-Dichlorobenzene
 Concen: 22.053 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

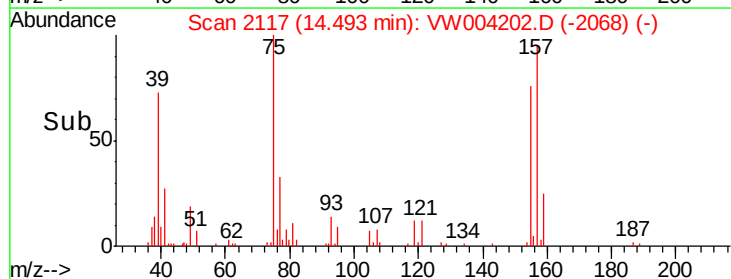
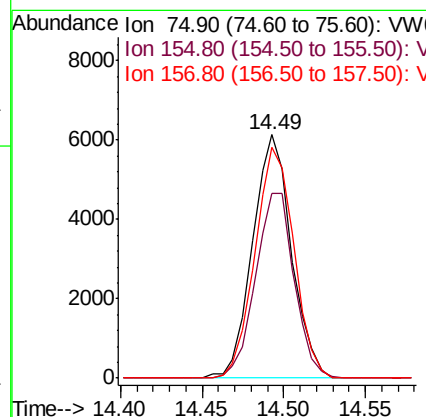
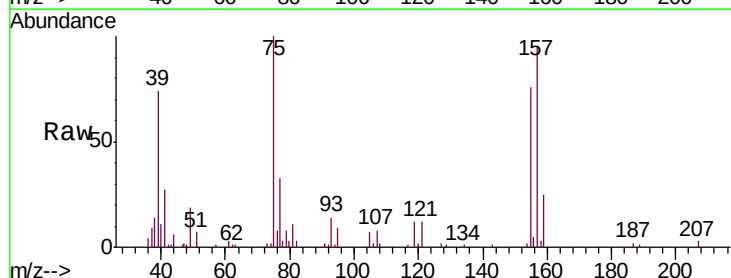
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

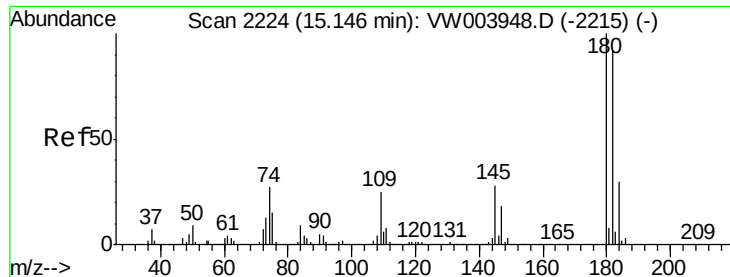
Tgt Ion: 146 Resp: 122856
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.7 62.1
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.519 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion: 75 Resp: 10132
 Ion Ratio Lower Upper
 75 100
 155 76.2 39.4 118.1
 157 95.0 51.8 155.4

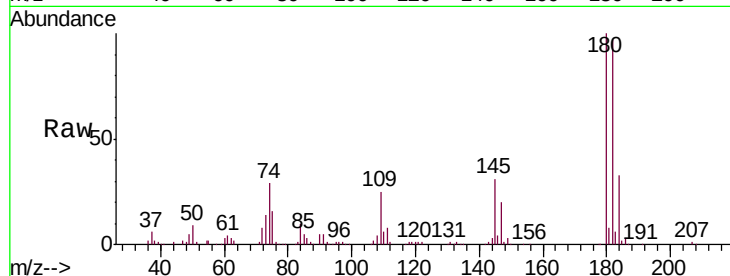




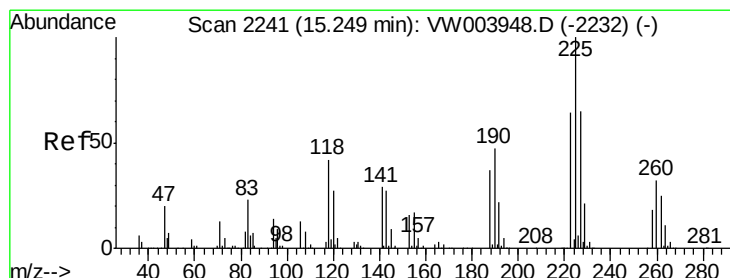
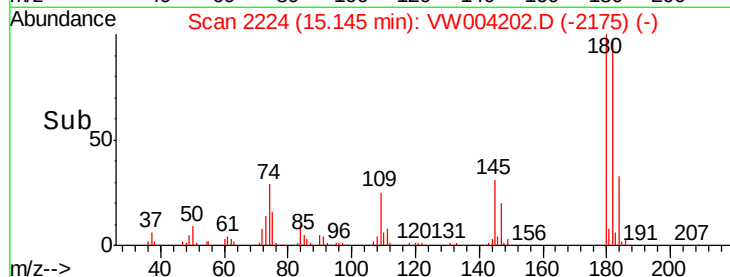
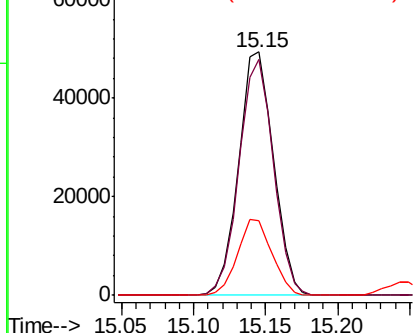
#93
 1,2,4-Trichlorobenzene
 Concen: 21.163 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tgt Ion:180 Resp: 82804
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.9 140.8
 145 30.8 15.0 45.0

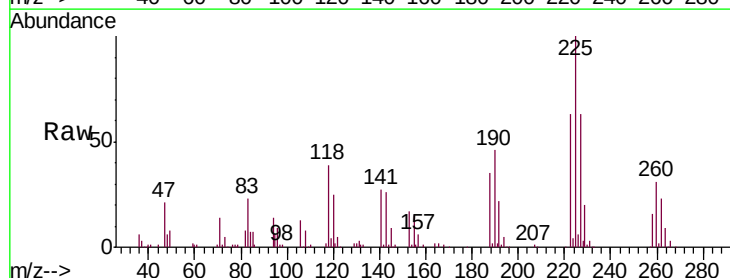


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

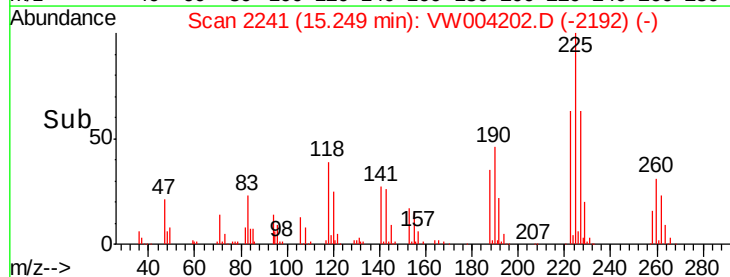
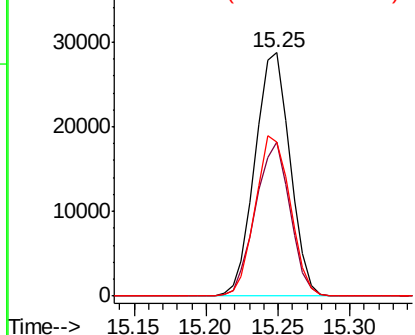


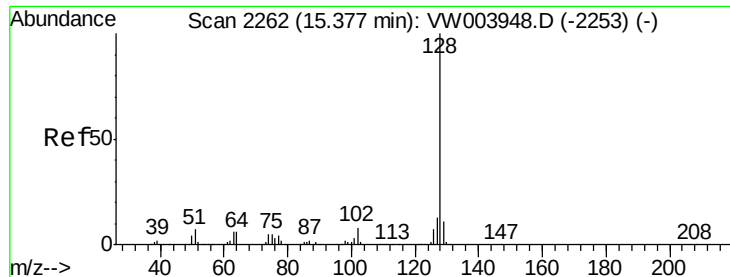
#94
 Hexachlorobutadiene
 Concen: 21.583 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion:225 Resp: 48493
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.0 96.2
 227 65.4 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

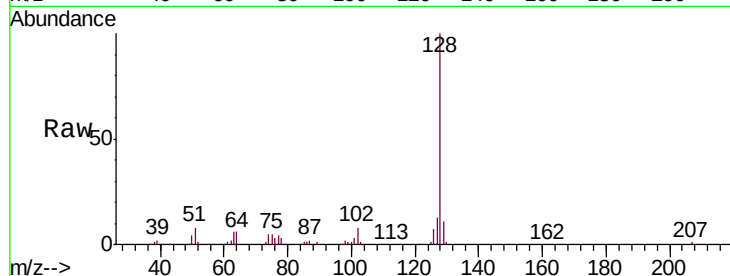




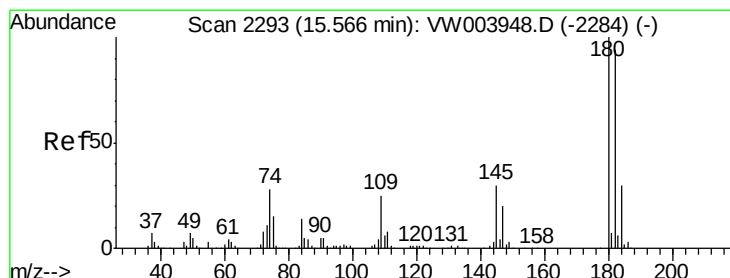
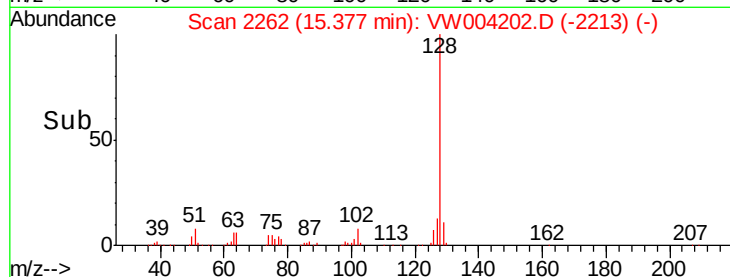
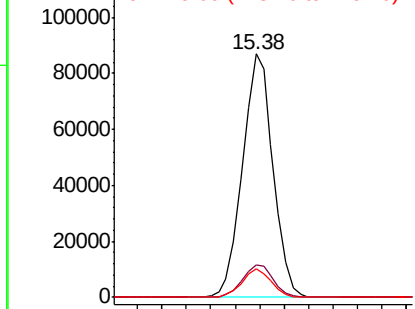
#95
Naphthalene
Concen: 20.764 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tgt Ion:128 Resp: 149953
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.1 8.7 13.1

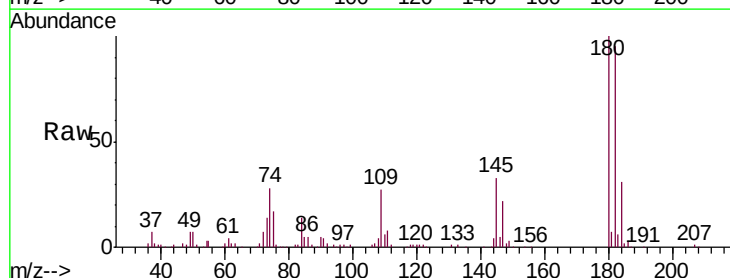


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.503 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion:180 Resp: 74489
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.6
145 32.0 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

