

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080818\
 Data File : VW004503.D
 Acq On : 07 Aug 2018 20:20
 Operator : SY/AP
 Sample : VW0807SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Quant Time: Aug 08 08:37:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	734755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1153522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1099230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	590583	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	392417	48.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.50%	
35) Dibromofluoromethane	7.88	113	372936	48.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.98%	
50) Toluene-d8	10.33	98	1464738	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	530057	50.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	103417	20.510	ug/l	99
3) Chloromethane	2.21	50	127268	18.117	ug/l	100
4) Vinyl Chloride	2.37	62	201824	20.567	ug/l	96
5) Bromomethane	2.78	94	118125	20.673	ug/l	97
6) Chloroethane	2.93	64	120405	20.534	ug/l	98
7) Trichlorofluoromethane	3.25	101	73582	20.302	ug/l	98
8) Diethyl Ether	3.67	74	91993	20.065	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	164049	20.492	ug/l	99
10) Methyl Iodide	4.27	142	240185	19.998	ug/l	99
11) Tert butyl alcohol	5.25	59	37956	79.701	ug/l	97
12) 1,1-Dichloroethene	4.03	96	157000	19.485	ug/l	94
13) Acrolein	3.90	56	58036	99.462	ug/l	98
14) Allyl chloride	4.66	41	242481	20.030	ug/l	99
15) Acrylonitrile	5.38	53	193264	94.855	ug/l	# 82
16) Acetone	4.14	43	196008	96.498	ug/l	98
17) Carbon Disulfide	4.38	76	521131	20.125	ug/l	99
18) Methyl Acetate	4.67	43	92154	18.194	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	209629	19.073	ug/l	99
20) Methylene Chloride	4.91	84	269398	22.235	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	171177	19.713	ug/l	96
22) Diisopropyl ether	6.31	45	512169	20.587	ug/l	97
23) Vinyl Acetate	6.26	43	1432708	95.822	ug/l	100
24) 1,1-Dichloroethane	6.21	63	319652	20.074	ug/l	100
25) 2-Butanone	7.19	43	296229	90.663	ug/l	99
26) 2,2-Dichloropropane	7.17	77	161505	19.324	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	182960	19.584	ug/l	99
28) Bromochloromethane	7.51	49	139298	20.106	ug/l	100
29) Tetrahydrofuran	7.54	42	152898	90.518	ug/l	99
30) Chloroform	7.68	83	314522	20.109	ug/l	99
31) Cyclohexane	7.95	56	297199	19.506	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	232947	19.828	ug/l	98
36) 1,1-Dichloropropene	8.08	75	248144	19.979	ug/l	100
37) Ethyl Acetate	7.26	43	105936	18.212	ug/l	98
38) Carbon Tetrachloride	8.07	117	220953	19.769	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	288605	18.958	ug/l	95
40) Benzene	8.32	78	724463	19.863	ug/l	100
41) Methacrylonitrile	7.49	41	63579	19.569	ug/l	95
42) 1,2-Dichloroethane	8.40	62	199128	19.733	ug/l	100
43) Isopropyl Acetate	8.43	43	188181	18.559	ug/l	100
44) Trichloroethene	9.09	130	175685	19.603	ug/l	97
45) 1,2-Dichloropropane	9.37	63	182961	20.031	ug/l	100
46) Dibromomethane	9.46	93	90481	19.459	ug/l	98
47) Bromodichloromethane	9.65	83	215924	19.673	ug/l	98
48) Methyl methacrylate	9.44	41	90145	19.022	ug/l	98
49) 1,4-Dioxane	9.48	88	26936	379.704	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	666979	94.501	ug/l	99
52) Toluene	10.39	92	437707	20.351	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	208370	18.907	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	249589	19.433	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	129455	19.424	ug/l	99
56) Ethyl methacrylate	10.65	69	147253	18.455	ug/l	99
57) 1,3-Dichloropropane	10.94	76	225976	19.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	373117	93.846	ug/l	99
59) 2-Hexanone	10.98	43	445511	93.100	ug/l	98
60) Dibromochloromethane	11.13	129	141358	19.501	ug/l	100
61) 1,2-Dibromoethane	11.24	107	122938	19.635	ug/l	99
64) Tetrachloroethene	10.87	164	151823	19.799	ug/l	98
65) Chlorobenzene	11.66	112	477687	19.719	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	160448	19.454	ug/l	99
67) Ethyl Benzene	11.74	91	804239	19.584	ug/l	99
68) m/p-Xylenes	11.84	106	635538	40.045	ug/l	99
69) o-Xylene	12.17	106	285364	19.388	ug/l	98
70) Styrene	12.19	104	495723	19.934	ug/l	100
71) Bromoform	12.35	173	85785	18.921	ug/l #	99
73) Isopropylbenzene	12.47	105	789136	19.318	ug/l	100
74) N-amyl acetate	12.28	43	180368	18.209	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	163557	19.180	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	204644	33.487	ug/l #	100
77) Bromobenzene	12.76	156	194184	19.647	ug/l	99
78) n-propylbenzene	12.81	91	1000553	19.850	ug/l	100
79) 2-Chlorotoluene	12.90	91	578805	19.842	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	693247	19.894	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	44829	17.560	ug/l	94
82) 4-Chlorotoluene	12.99	91	623434	20.138	ug/l	99
83) tert-Butylbenzene	13.21	119	563703	19.286	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	726229	20.131	ug/l	99
85) sec-Butylbenzene	13.39	105	866630	19.654	ug/l	100
86) p-Isopropyltoluene	13.51	119	756380	19.795	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	399531	19.619	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	397613	19.613	ug/l	99
89) n-Butylbenzene	13.83	91	727378	19.375	ug/l	99
90) Hexachloroethane	14.10	117	133582	18.896	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	363498	19.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24246	17.400	ug/l	97

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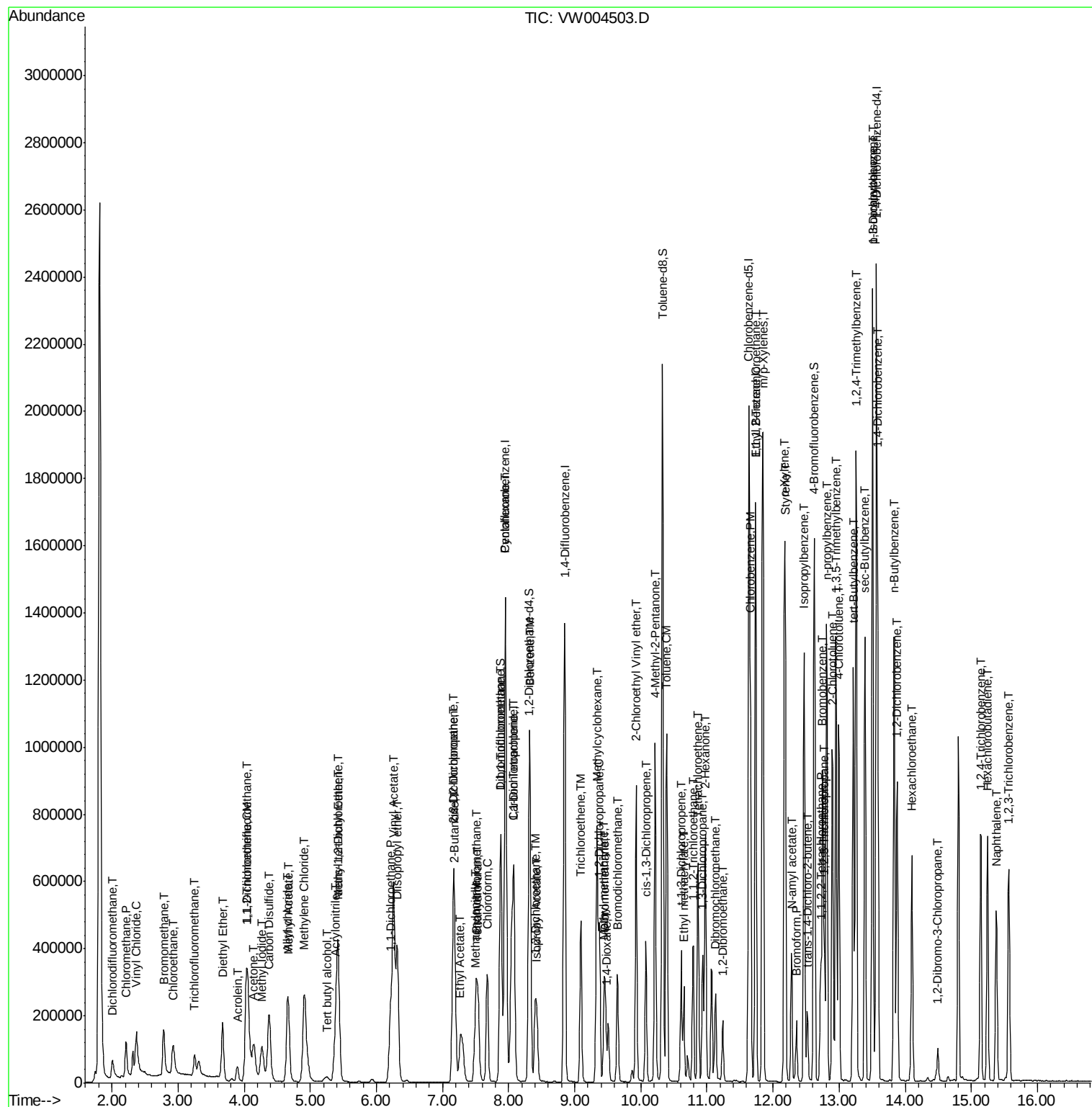
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	246449	19.267	ug/l	100
94) Hexachlorobutadiene	15.24	225	145248	19.501	ug/l	99
95) Naphthalene	15.38	128	437127	18.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	222181	19.329	ug/l	98

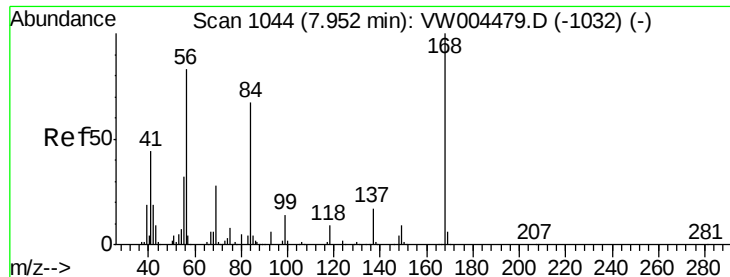
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

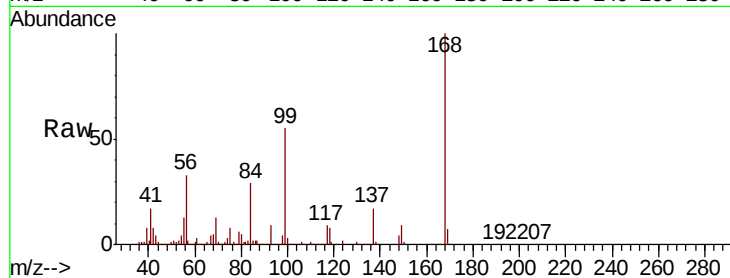
VW0808SBS01

Tgt Ion:168 Resp: 734755

Ion Ratio Lower Upper

168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

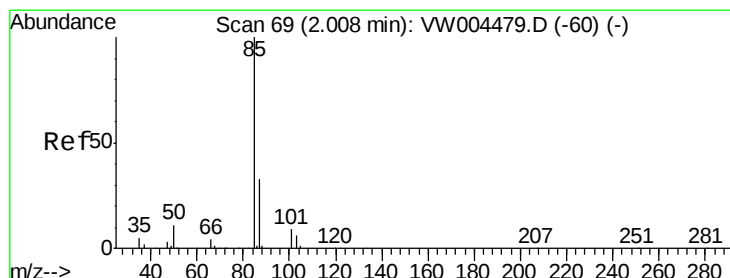
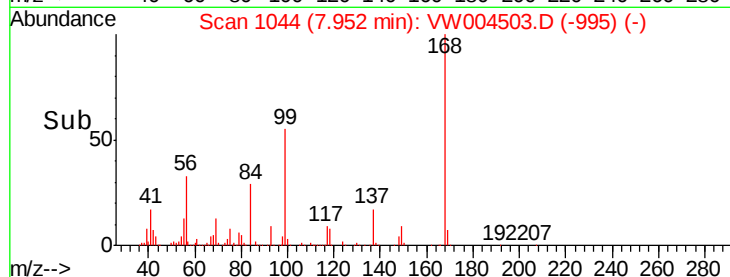
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.510 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004503.D

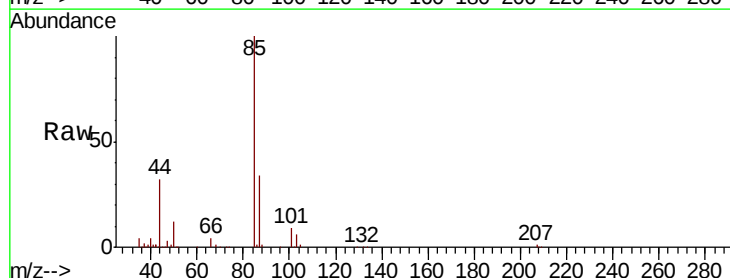
Acq: 07 Aug 2018 20:20

Tgt Ion: 85 Resp: 103417

Ion Ratio Lower Upper

85 100

87 33.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

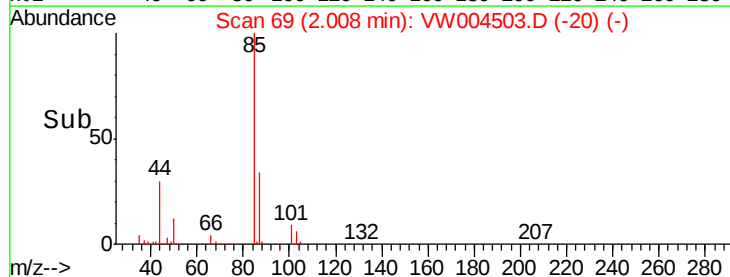
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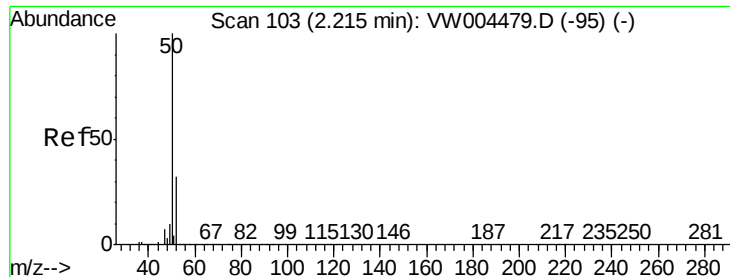
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.117 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

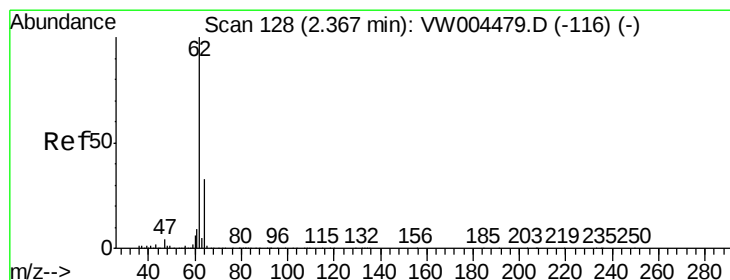
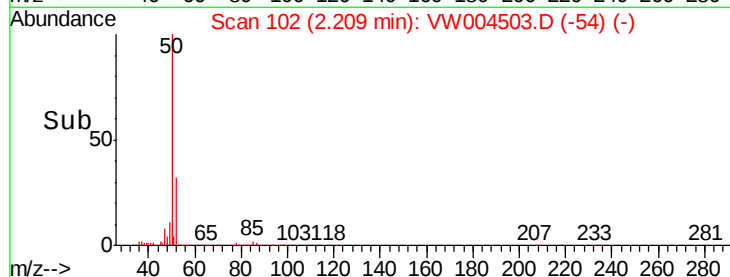
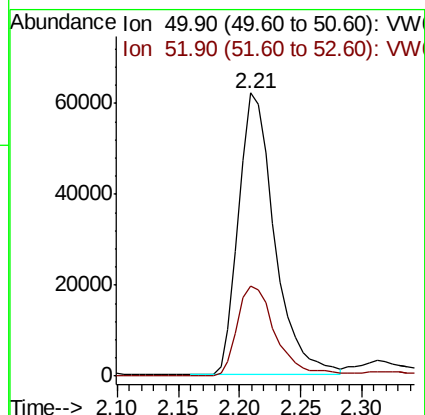
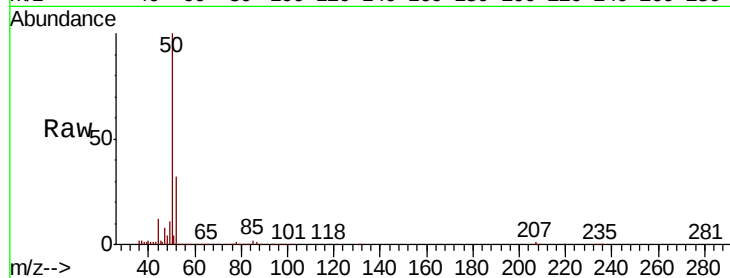
VW0808SBS01

Tgt Ion: 50 Resp: 127268

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.8



#4

Vinyl Chloride

Concen: 20.567 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004503.D

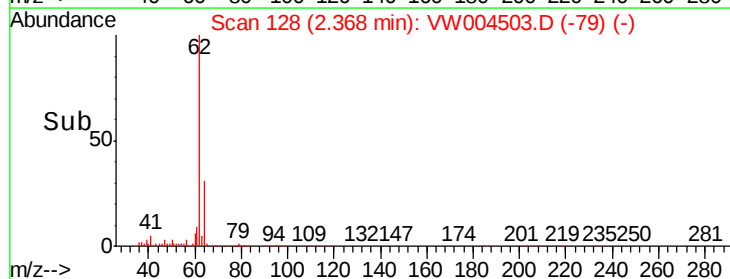
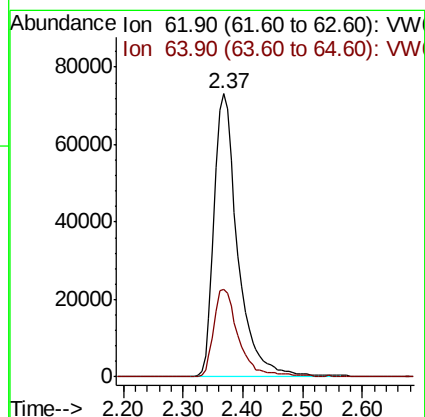
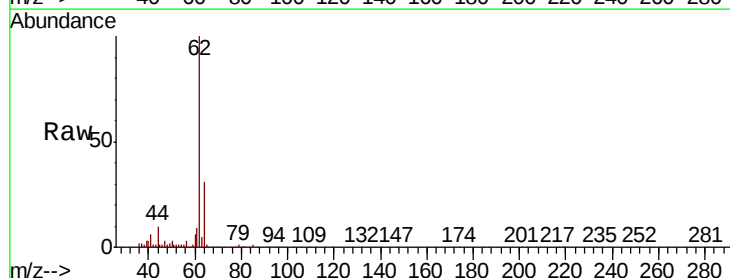
Acq: 07 Aug 2018 20:20

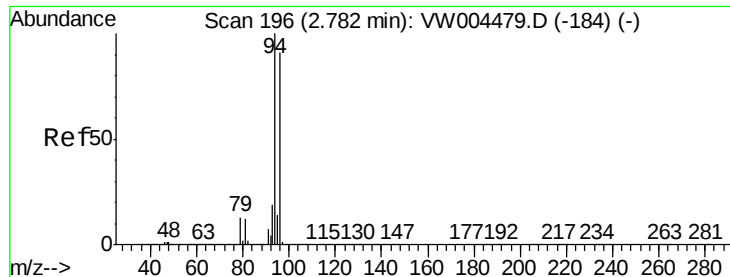
Tgt Ion: 62 Resp: 201824

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.2





#5

Bromomethane

Concen: 20.673 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

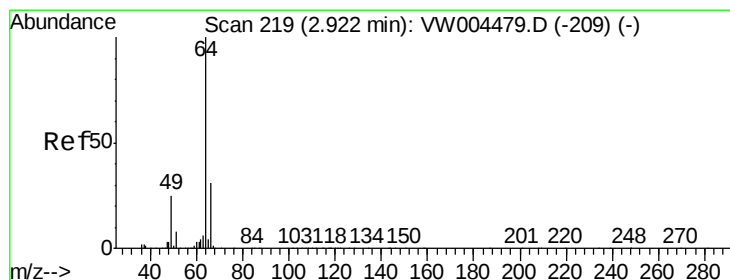
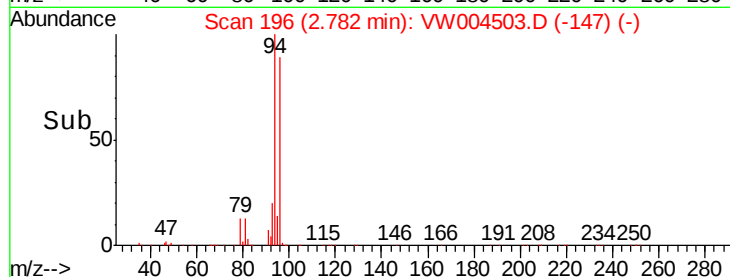
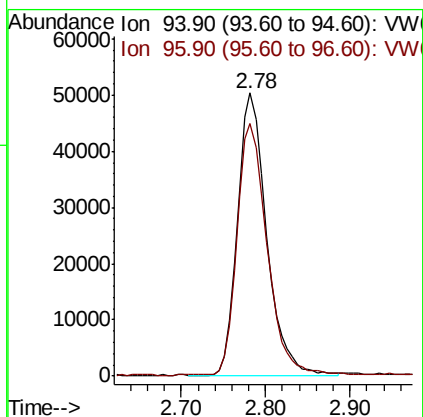
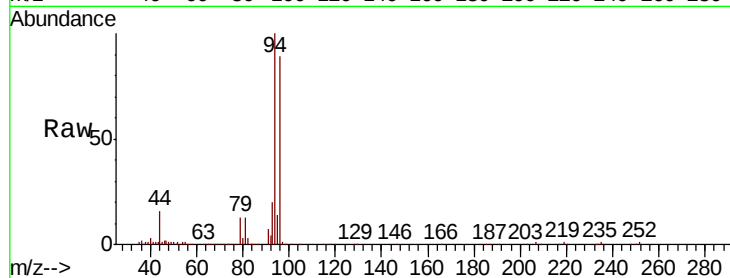
VW0808SBS01

Tgt Ion: 94 Resp: 118125

Ion Ratio Lower Upper

94 100

96 88.6 72.9 109.3



#6

Chloroethane

Concen: 20.534 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004503.D

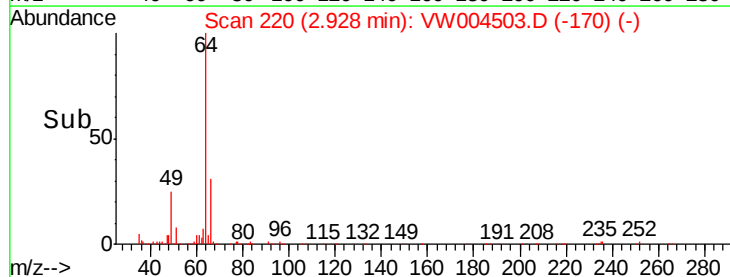
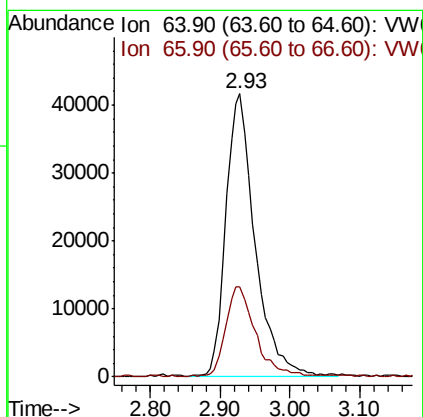
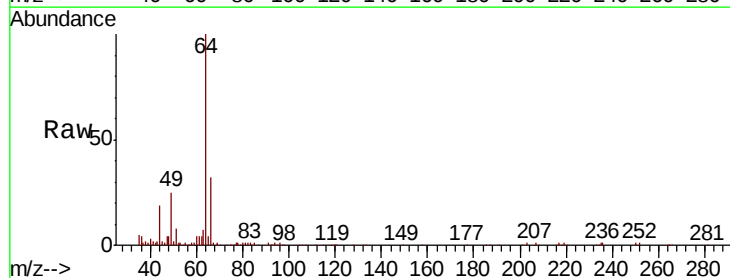
Acq: 07 Aug 2018 20:20

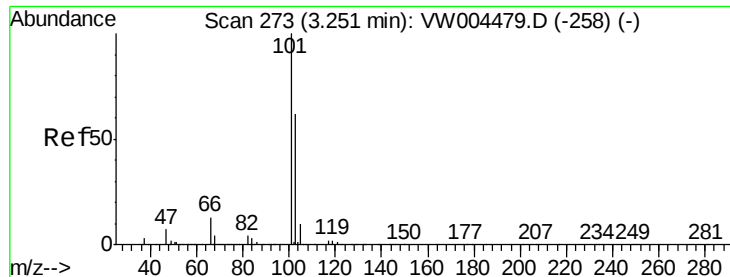
Tgt Ion: 64 Resp: 120405

Ion Ratio Lower Upper

64 100

66 31.5 24.6 36.8



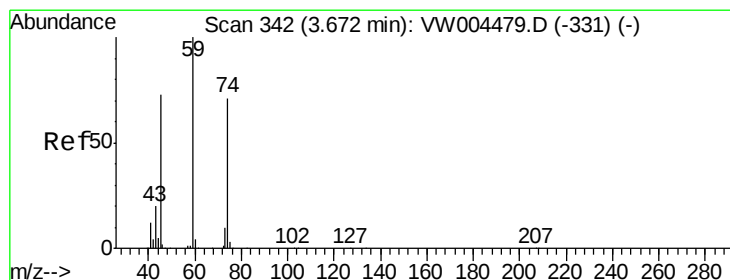
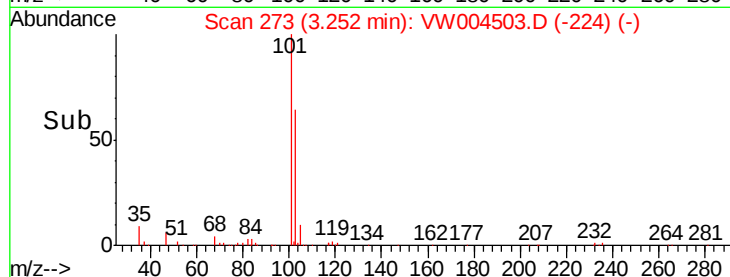
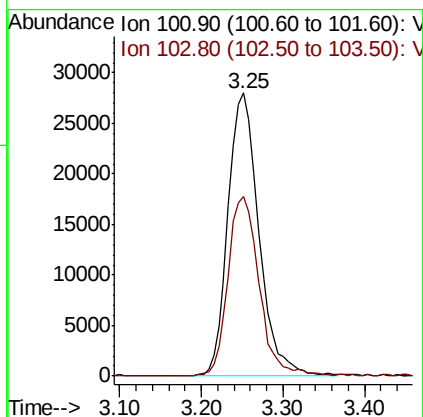
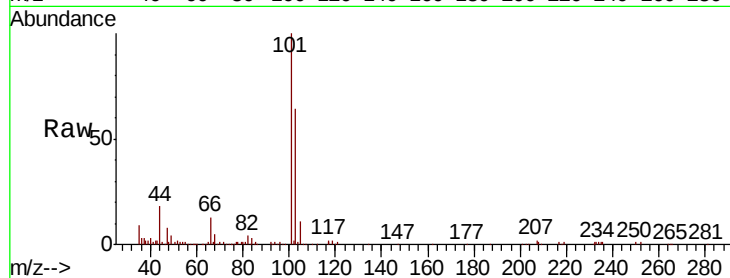


#7

Trichlorofluoromethane
 Concen: 20.302 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

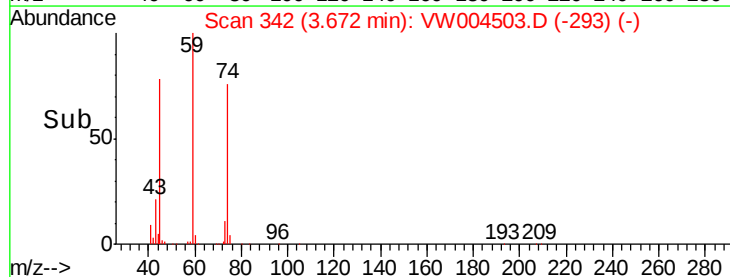
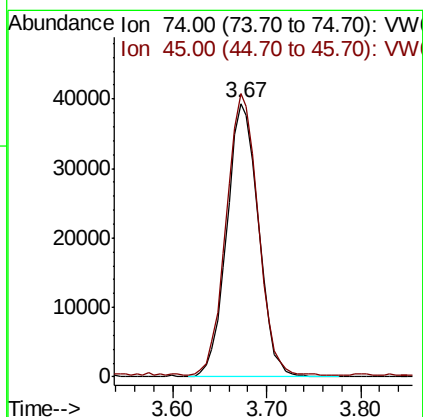
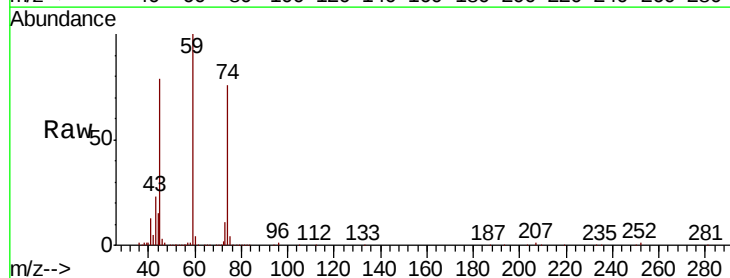
Tgt Ion:101 Resp: 73582
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.8 74.8

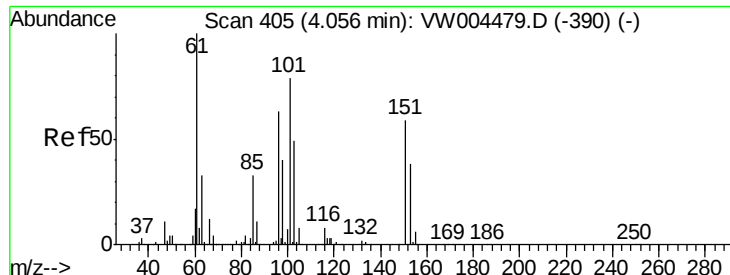


#8

Diethyl Ether
 Concen: 20.065 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion: 74 Resp: 91993
 Ion Ratio Lower Upper
 74 100
 45 103.0 51.2 153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.492 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

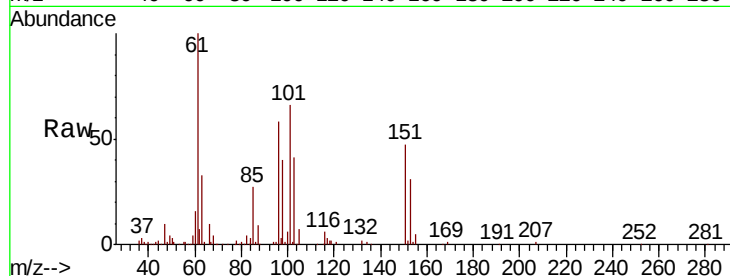
Tgt Ion:101 Resp: 164049

Ion Ratio Lower Upper

101 100

85 42.6 34.6 51.8

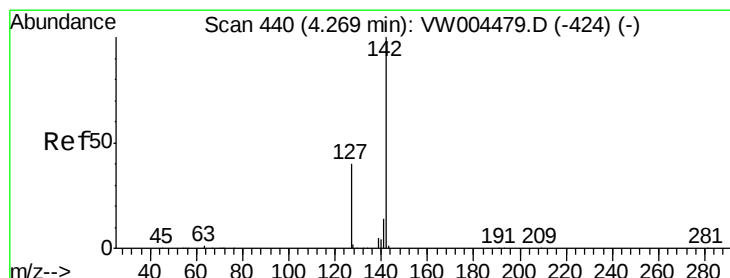
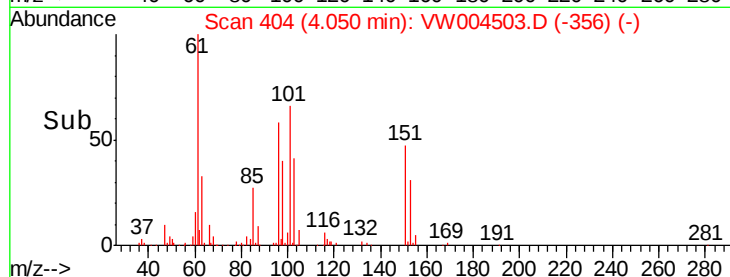
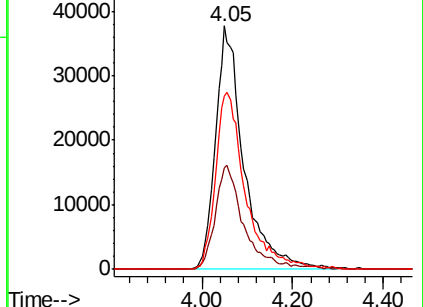
151 76.4 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.998 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

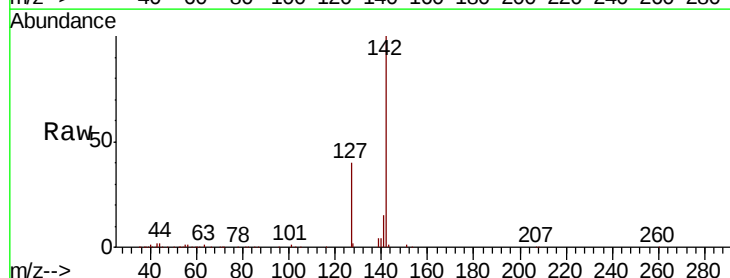
Tgt Ion:142 Resp: 240185

Ion Ratio Lower Upper

142 100

127 41.3 32.7 49.1

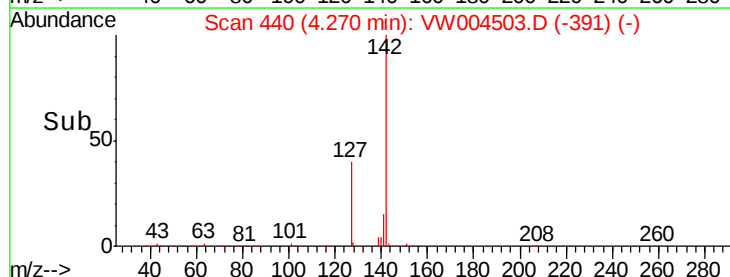
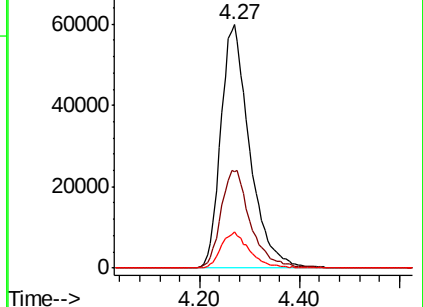
141 14.5 11.5 17.3

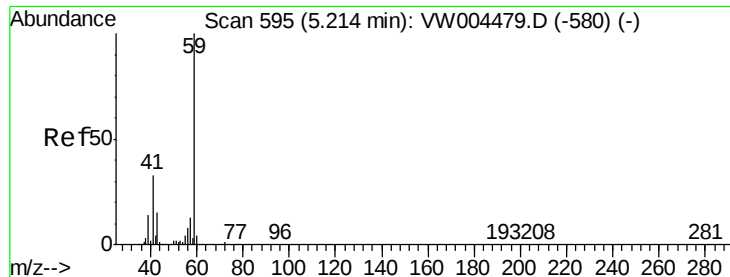


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



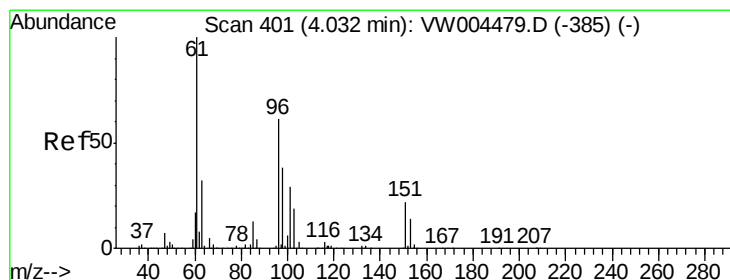
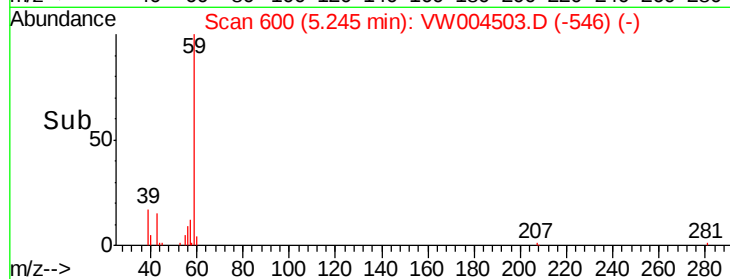
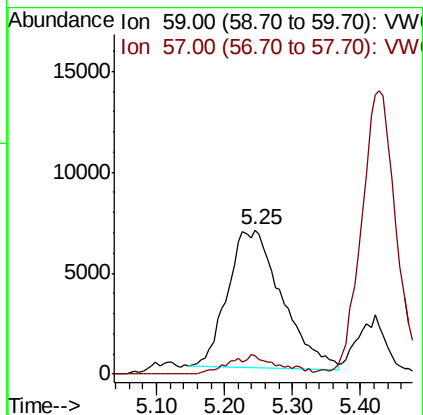
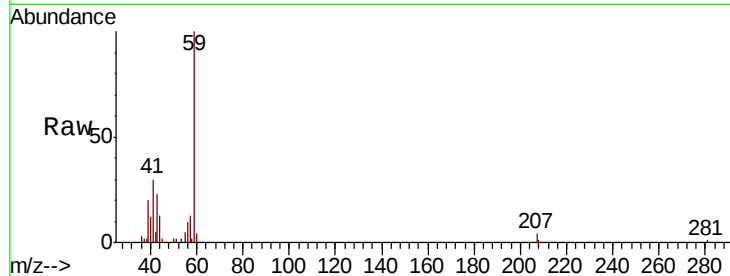


#11

Tert butyl alcohol
 Concen: 79.701 ug/l
 RT: 5.25 min Scan# 600
 Delta R.T. 0.03 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

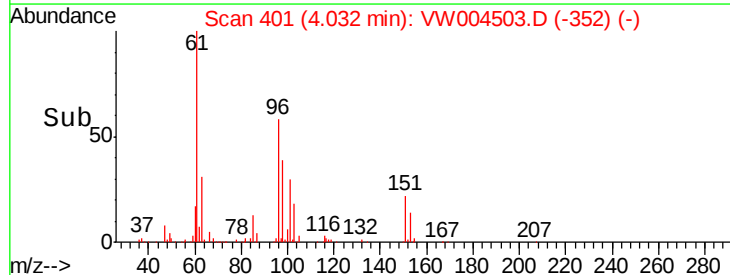
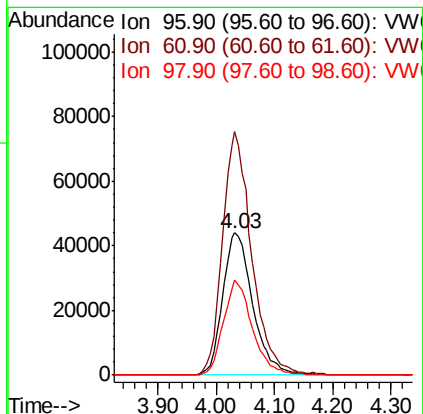
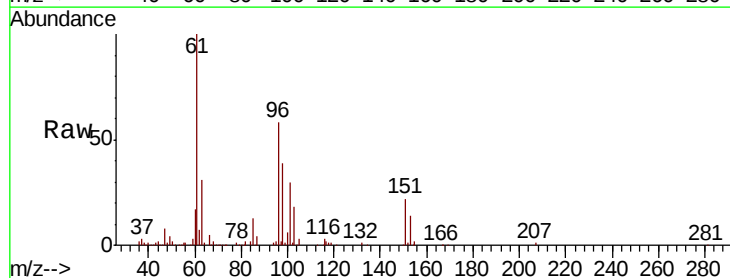
Tgt Ion: 59 Resp: 37956
 Ion Ratio Lower Upper
 59 100
 57 12.4 9.1 13.7

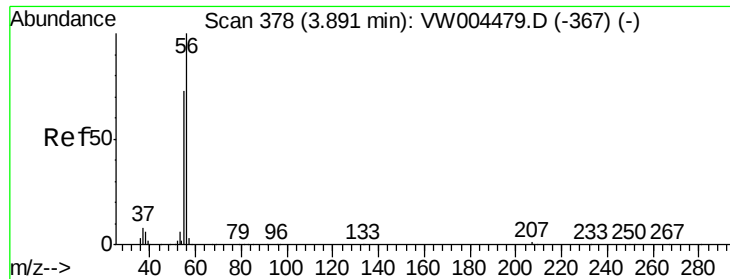


#12

1,1-Dichloroethene
 Concen: 19.485 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion: 96 Resp: 157000
 Ion Ratio Lower Upper
 96 100
 61 171.5 130.6 195.8
 98 66.6 49.6 74.4





#13

Acrolein

Concen: 99.462 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

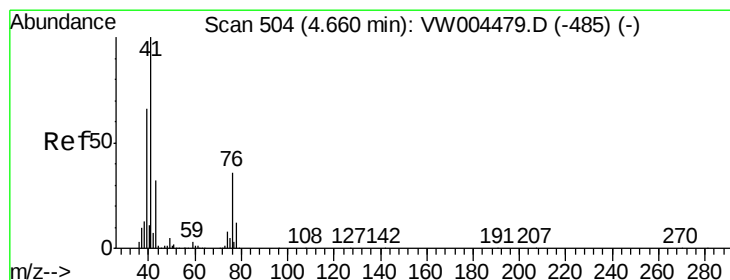
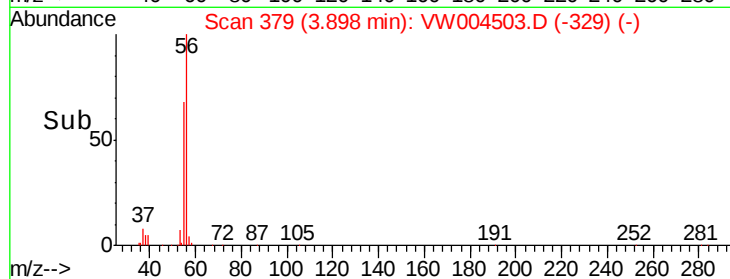
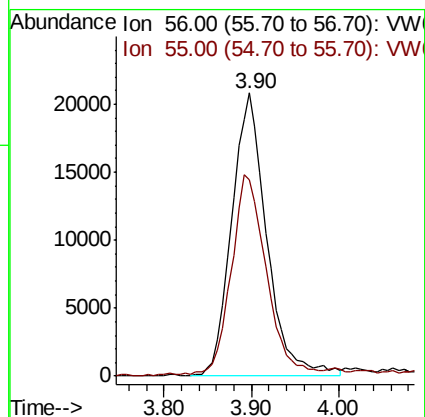
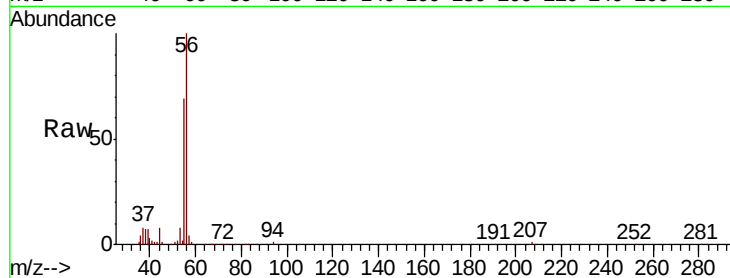
VW0808SBS01

Tgt Ion: 56 Resp: 58036

Ion Ratio Lower Upper

56 100

55 72.7 56.7 85.1



#14

Allyl chloride

Concen: 20.030 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

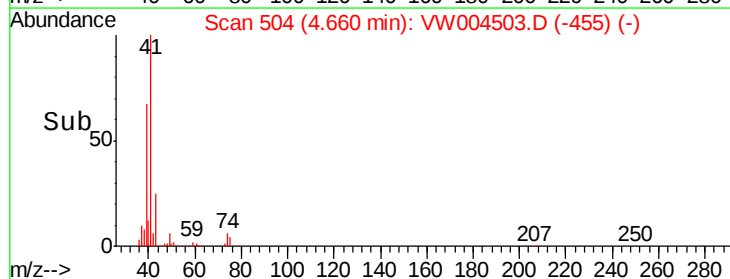
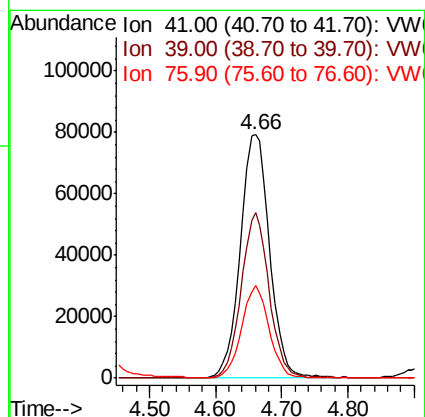
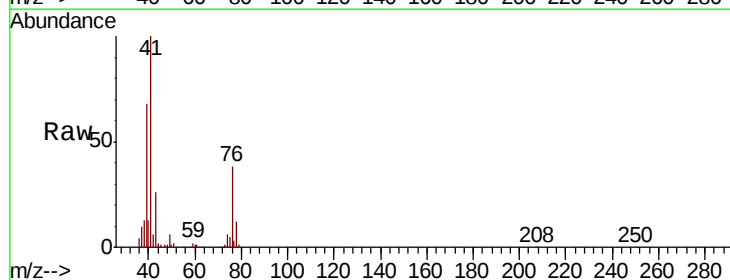
Tgt Ion: 41 Resp: 242481

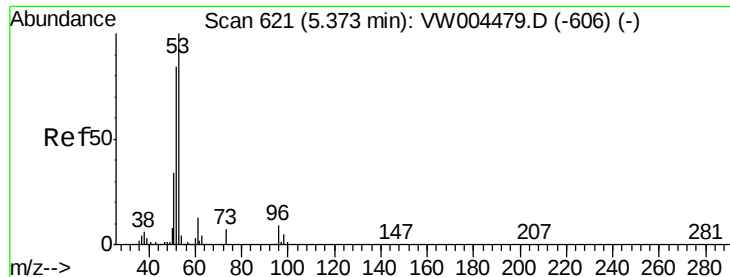
Ion Ratio Lower Upper

41 100

39 64.9 51.9 77.9

76 35.5 29.0 43.6





#15

Acrylonitrile

Concen: 94.855 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

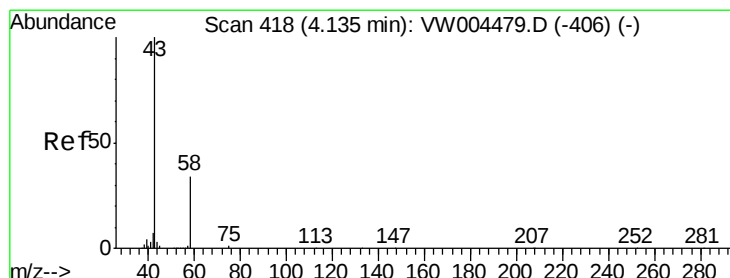
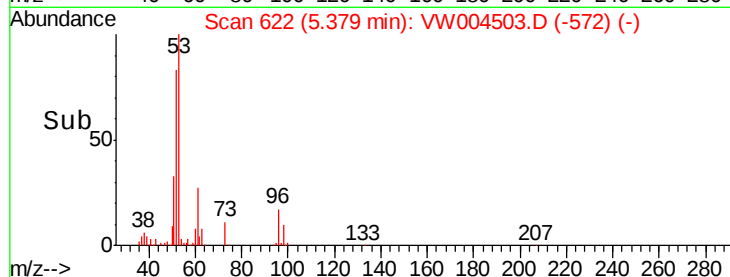
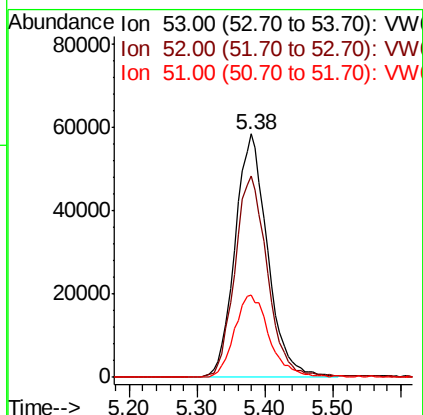
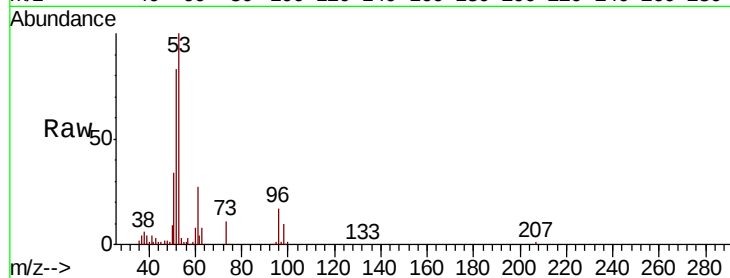
Tgt Ion: 53 Resp: 193264

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 0.0 28.4 42.6#



#16

Acetone

Concen: 96.498 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004503.D

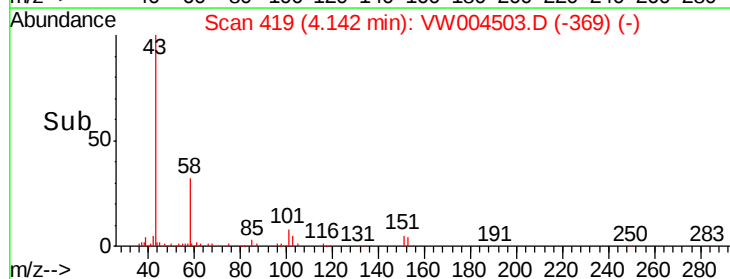
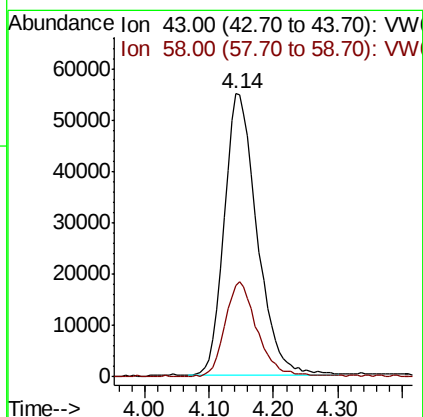
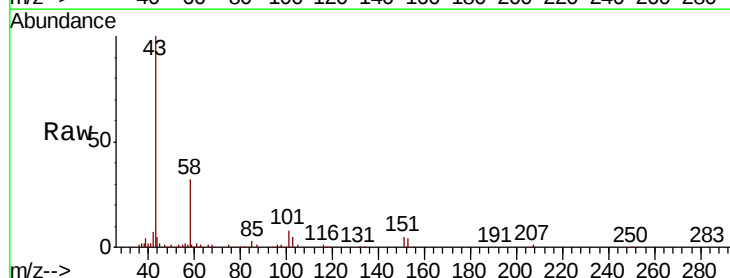
Acq: 07 Aug 2018 20:20

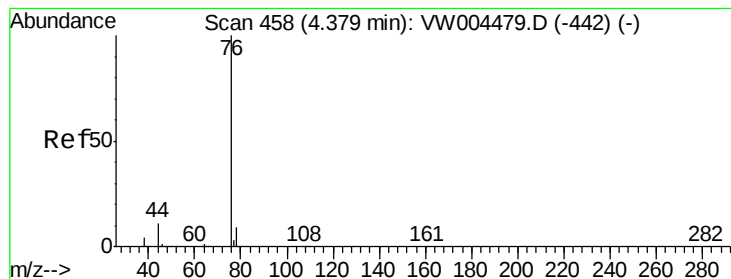
Tgt Ion: 43 Resp: 196008

Ion Ratio Lower Upper

43 100

58 32.2 26.8 40.2





#17

Carbon Disulfide

Concen: 20.125 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

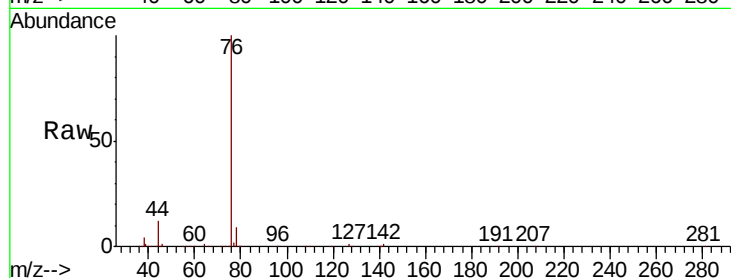
VW0808SBS01

Tgt Ion: 76 Resp: 521131

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

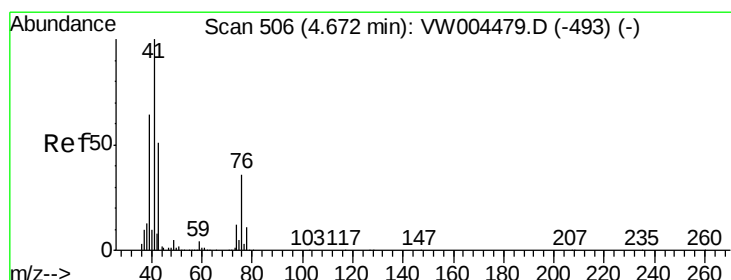
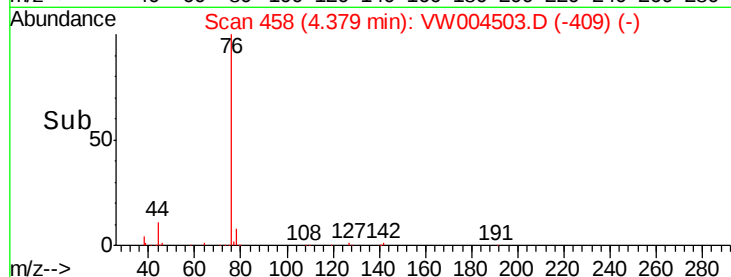
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.194 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004503.D

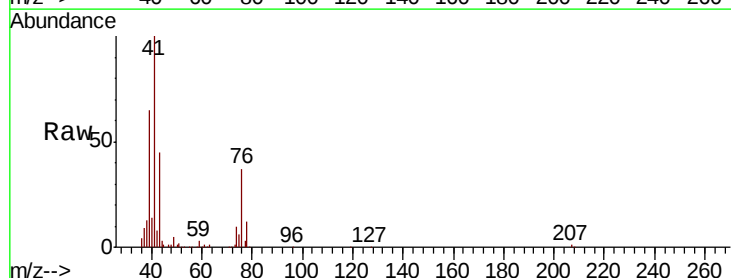
Acq: 07 Aug 2018 20:20

Tgt Ion: 43 Resp: 92154

Ion Ratio Lower Upper

43 100

74 23.6 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

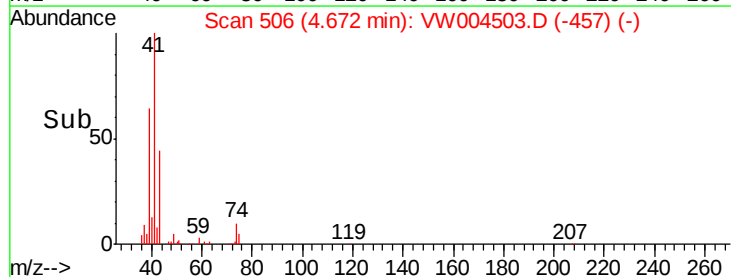
30000

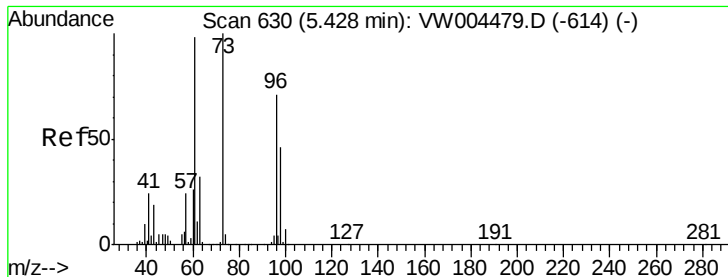
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 19.073 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

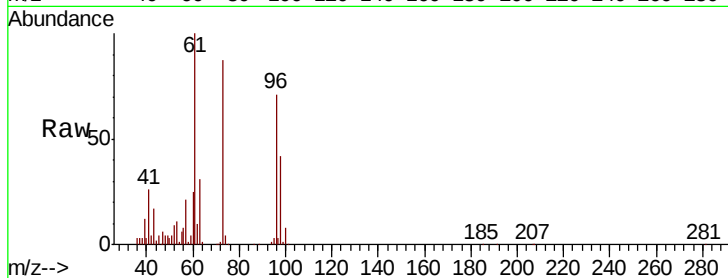
VW0808SBS01

Tgt Ion: 73 Resp: 209629

Ion Ratio Lower Upper

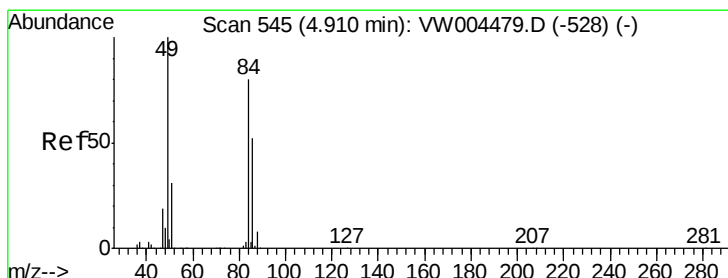
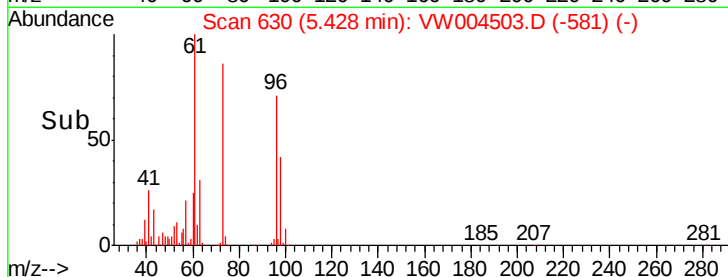
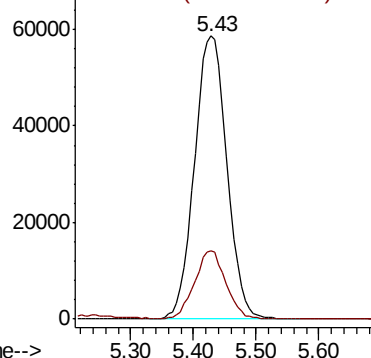
73 100

57 23.9 19.6 29.4



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 22.235 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion: 84 Resp: 269398

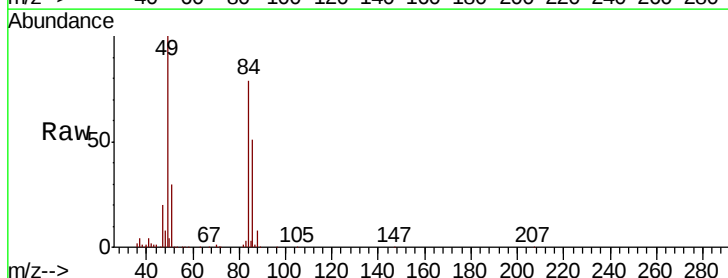
Ion Ratio Lower Upper

84 100

49 126.7 99.6 149.4

51 38.5 31.0 46.4

86 64.2 51.5 77.3

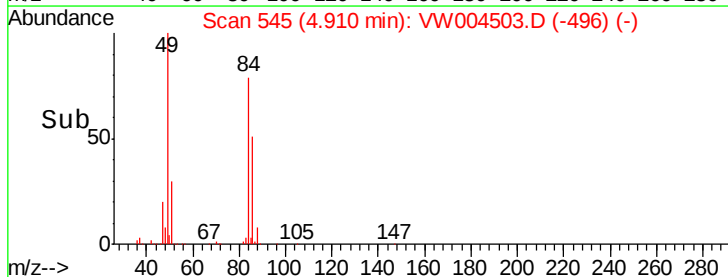
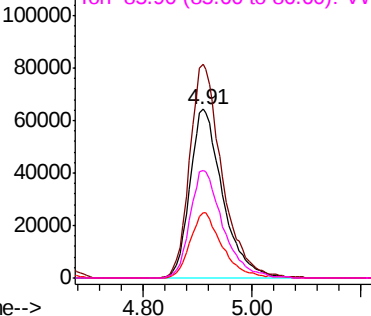


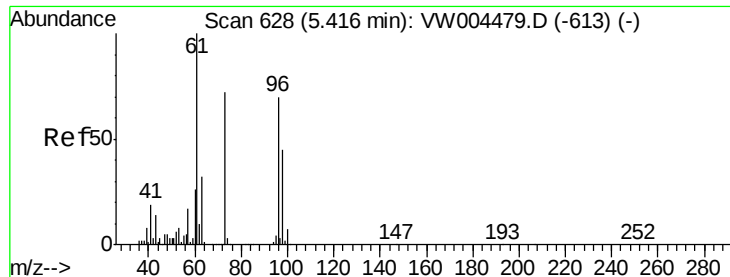
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 19.713 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

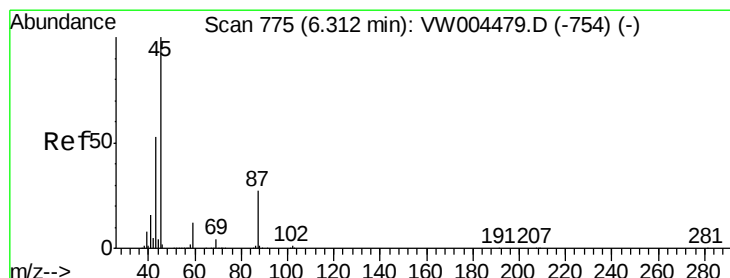
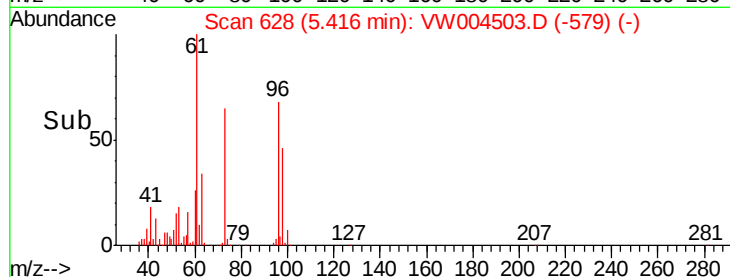
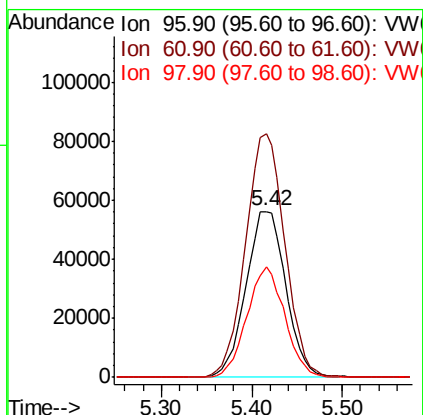
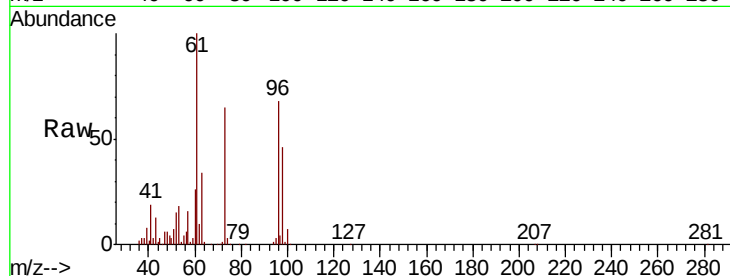
Tgt Ion: 96 Resp: 171177

Ion Ratio Lower Upper

96 100

61 147.0 114.1 171.1

98 67.0 51.4 77.2



#22

Diisopropyl ether

Concen: 20.587 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion: 45 Resp: 512169

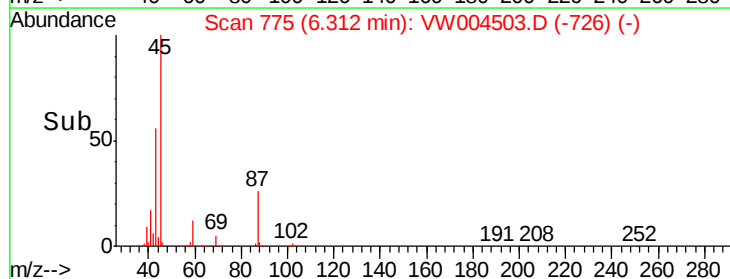
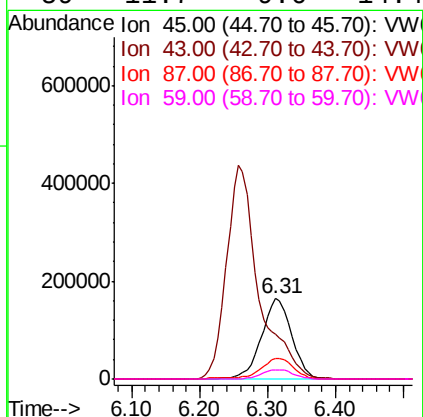
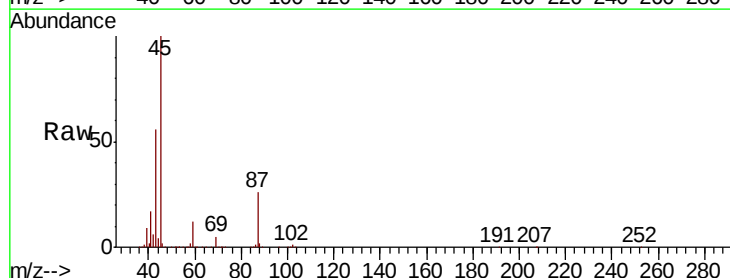
Ion Ratio Lower Upper

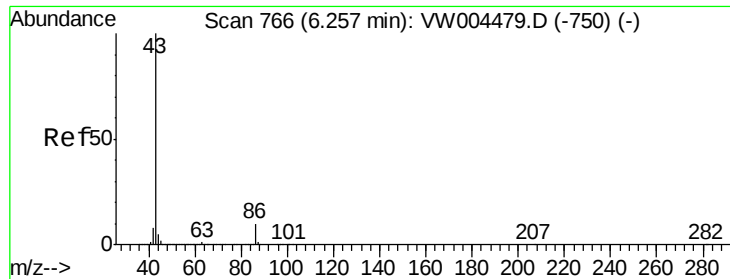
45 100

43 56.3 42.4 63.6

87 25.9 21.6 32.4

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 95.822 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

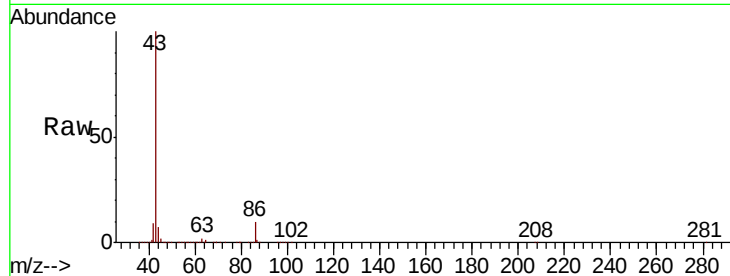
VW0808SBS01

Tgt Ion: 43 Resp: 1432708

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

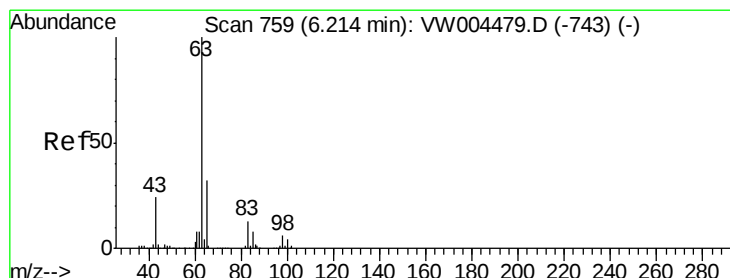
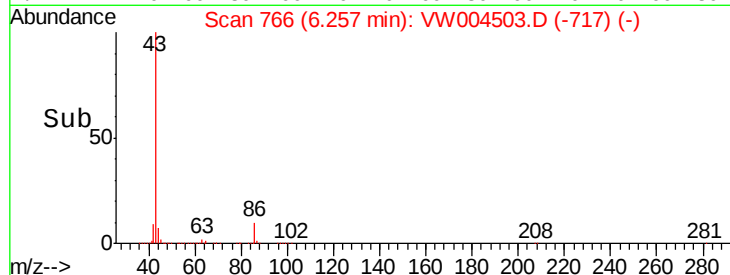
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.074 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

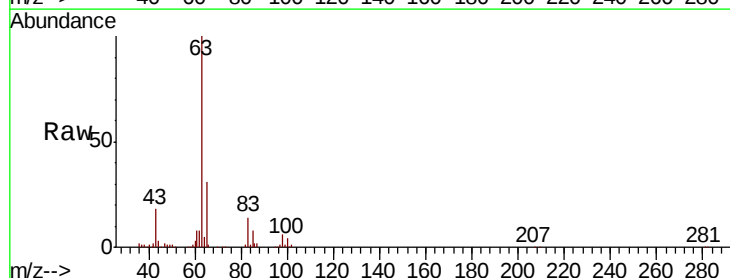
Tgt Ion: 63 Resp: 319652

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

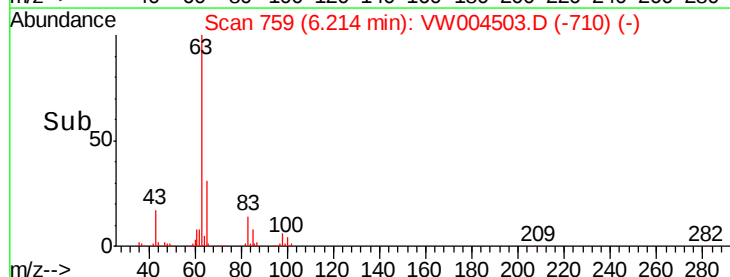
6.21

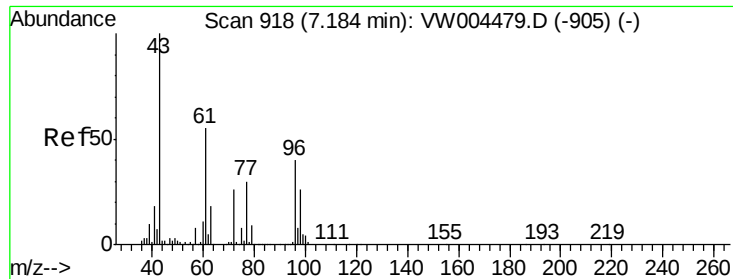
100000

50000

0

Time-->

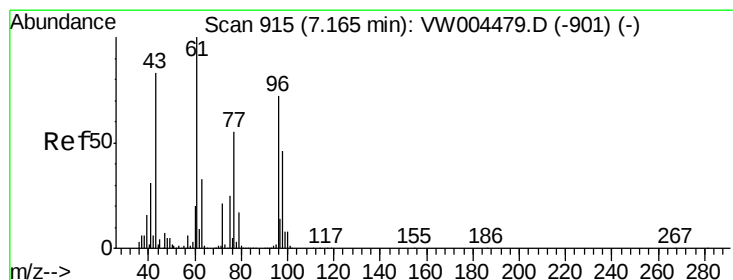
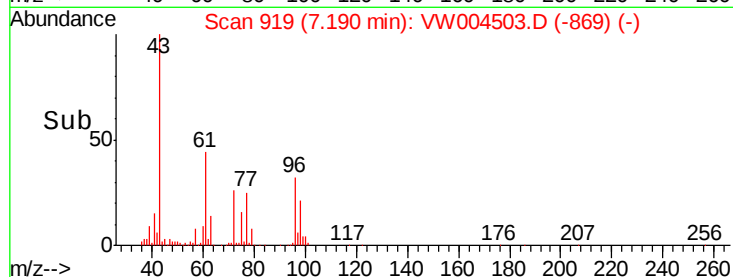
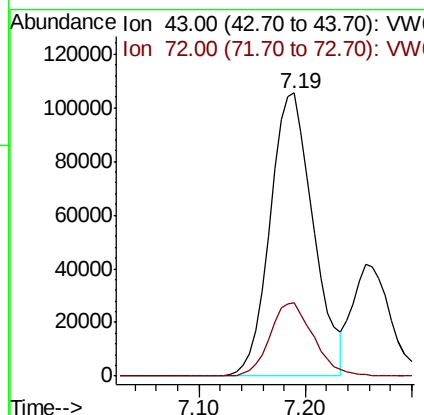
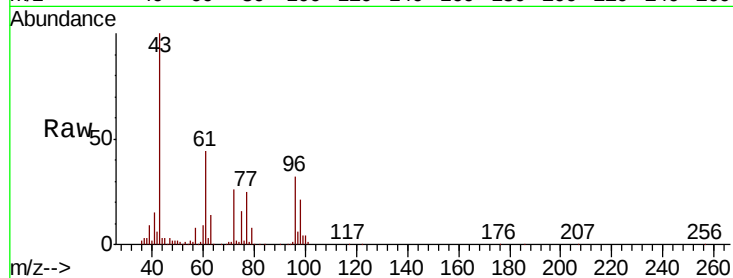




#25
 2-Butanone
 Concen: 90.663 ug/l
 RT: 7.19 min Scan# 919
 Delta R.T. 0.01 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

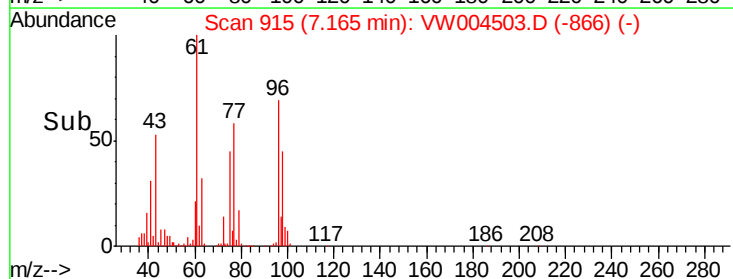
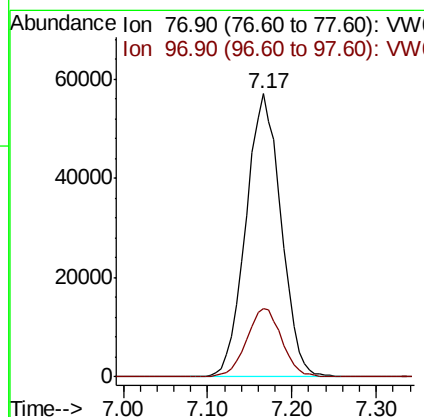
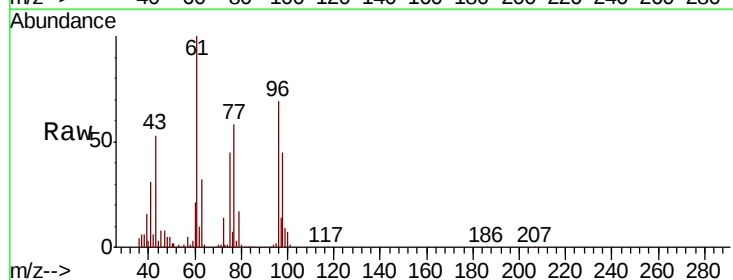
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

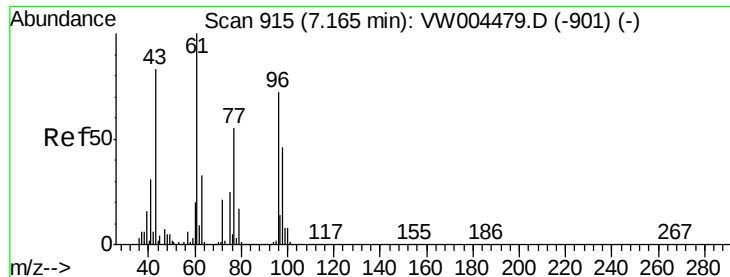
Tgt Ion: 43 Resp: 296229
 Ion Ratio Lower Upper
 43 100
 72 26.0 21.0 31.6



#26
 2,2-Dichloropropane
 Concen: 19.324 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion: 77 Resp: 161505
 Ion Ratio Lower Upper
 77 100
 97 24.0 12.5 37.5



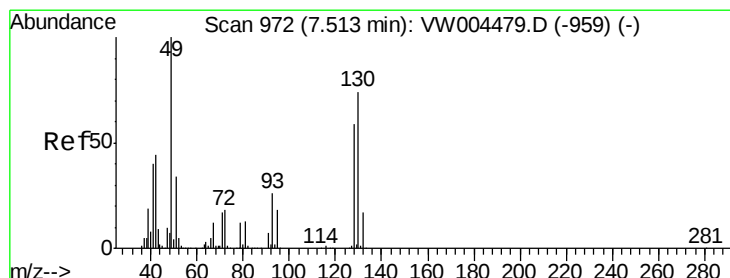
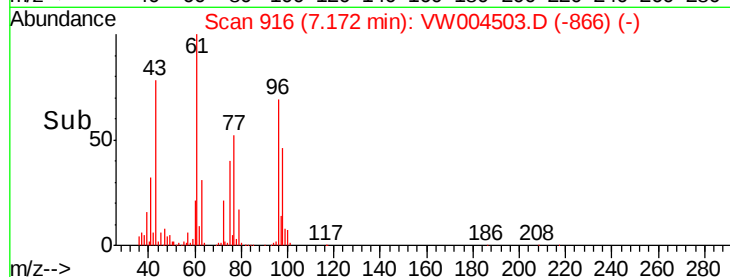
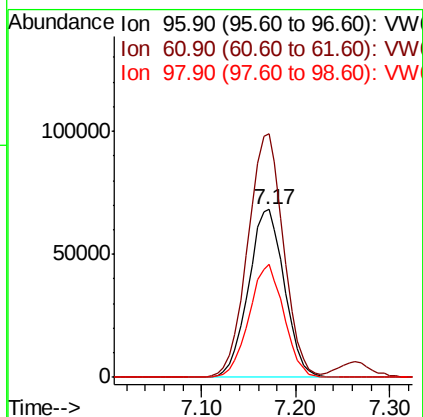
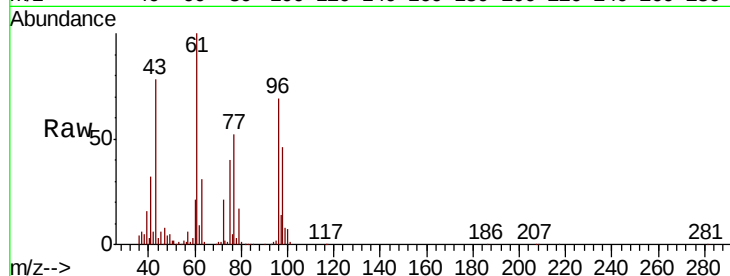


#27

cis-1,2-Dichloroethene
 Concen: 19.584 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

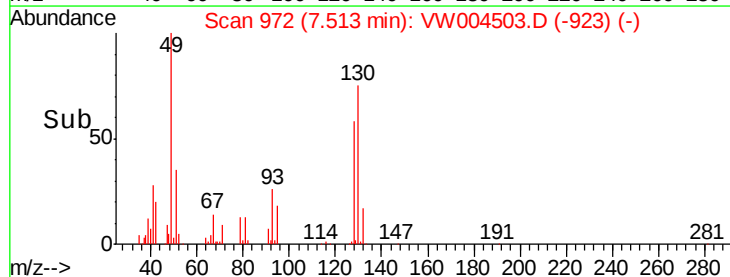
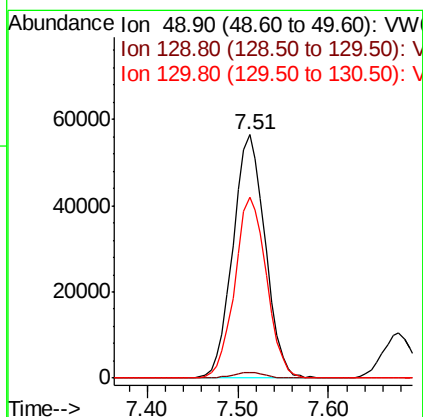
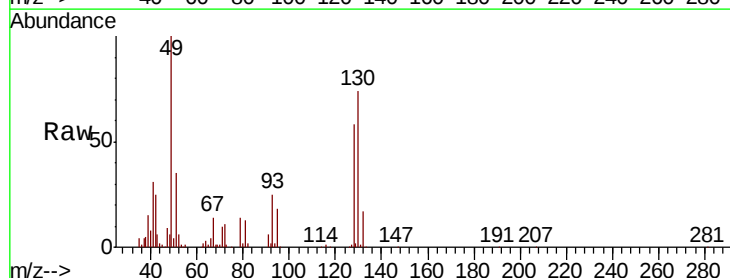
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	285.0
98	65.0	0.0	128.6

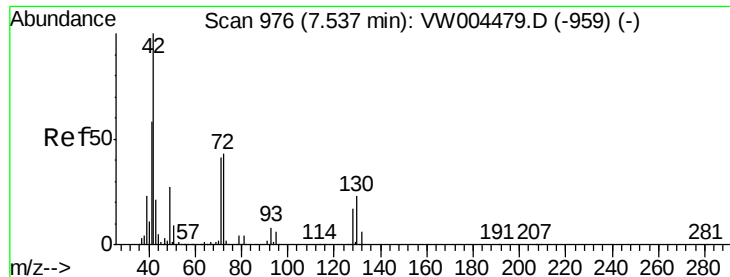


#28

Bromochloromethane
 Concen: 20.106 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	73.1	58.8	88.2

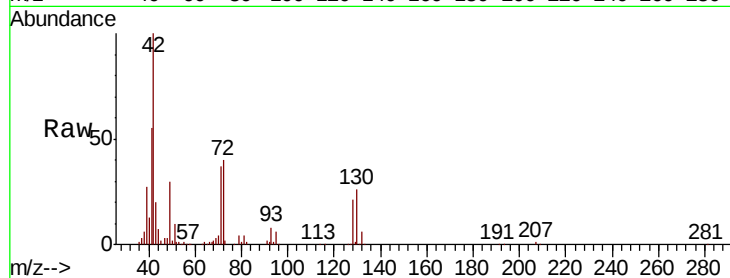




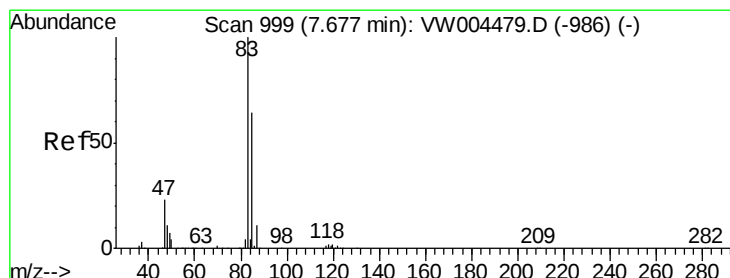
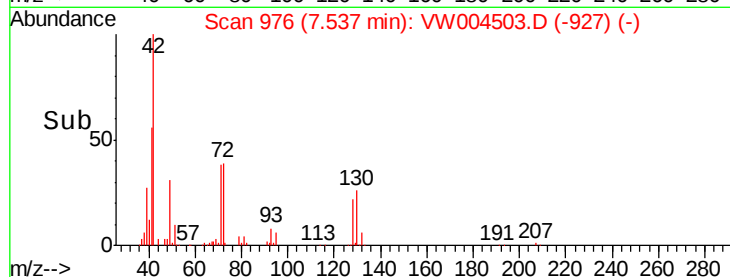
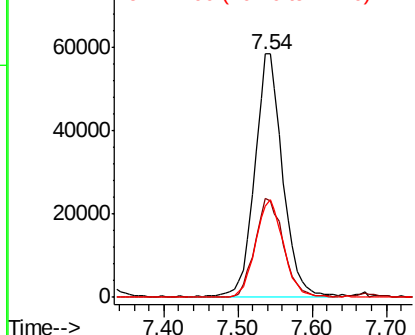
#29
Tetrahydrofuran
Concen: 90.518 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.7	34.1	51.1
71	40.4	32.5	48.7

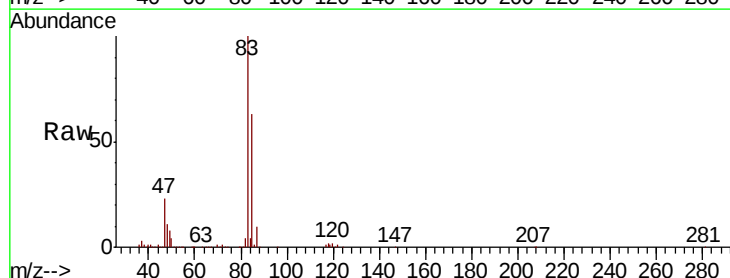


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

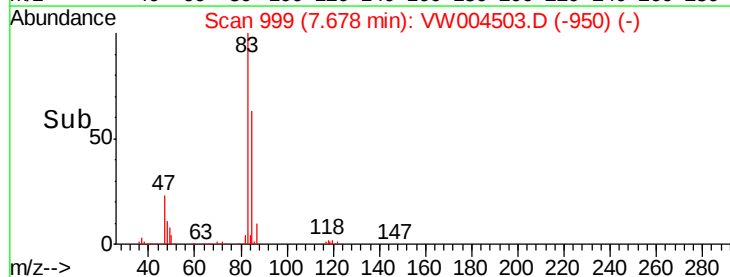
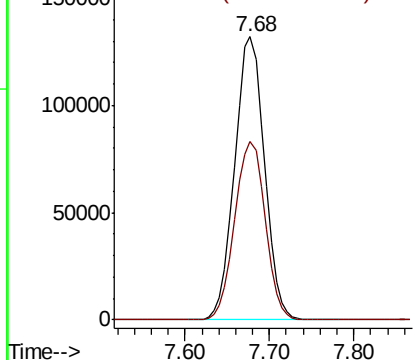


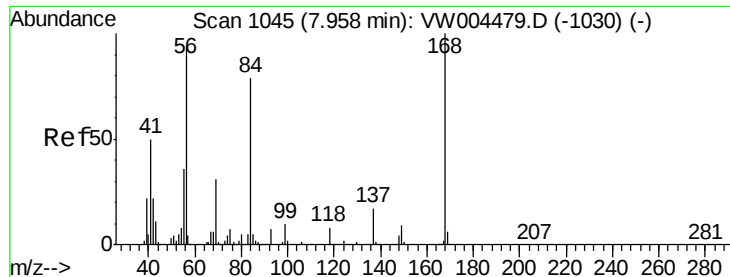
#30
Chloroform
Concen: 20.109 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.3	76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

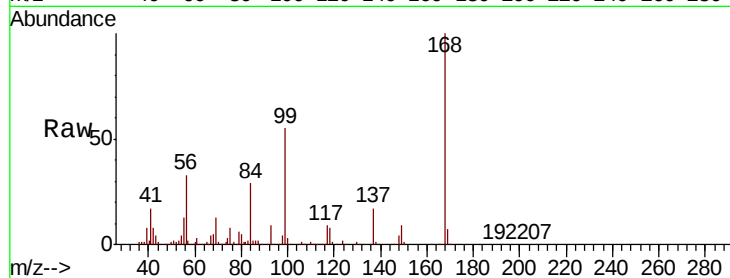




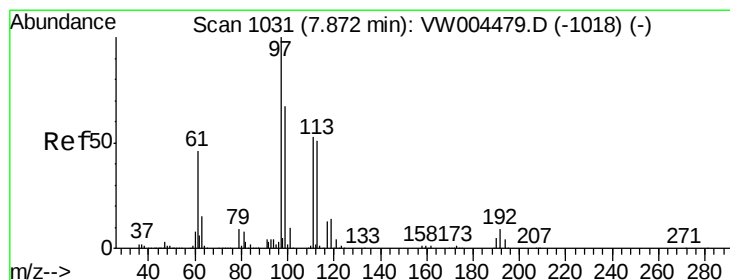
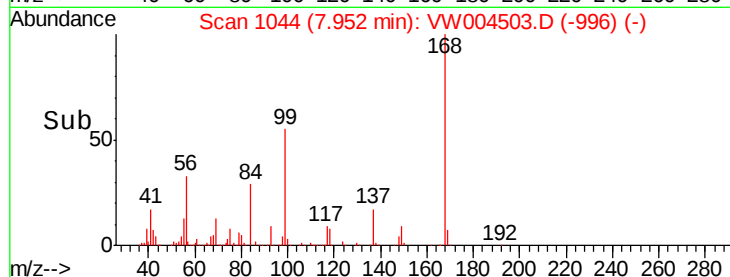
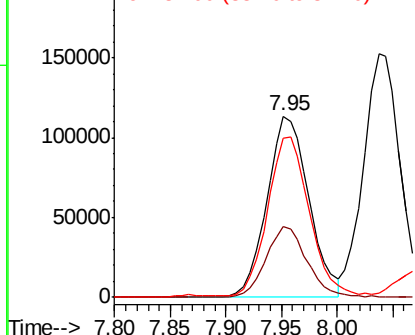
#31
Cyclohexane
Concen: 19.506 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion: 56 Resp: 297199
Ion Ratio Lower Upper
56 100
69 38.8 26.4 39.6
84 86.8 66.9 100.3

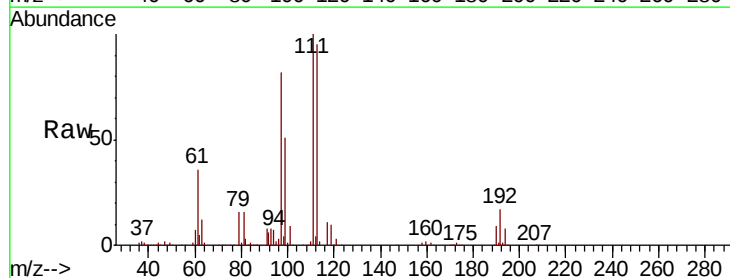


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

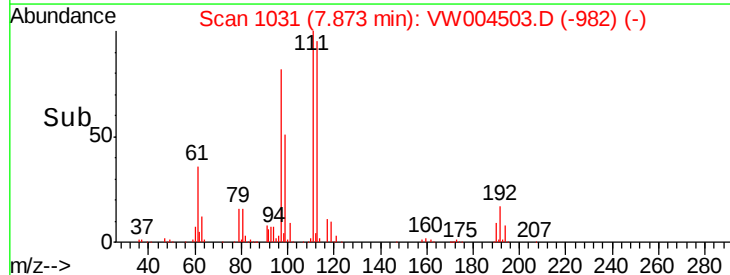
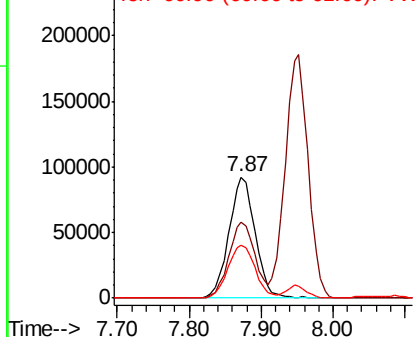


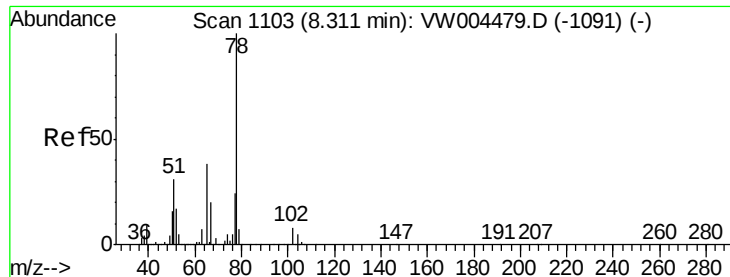
#32
1,1,1-Trichloroethane
Concen: 19.828 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion: 97 Resp: 232947
Ion Ratio Lower Upper
97 100
99 63.2 51.6 77.4
61 45.6 35.7 53.5



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

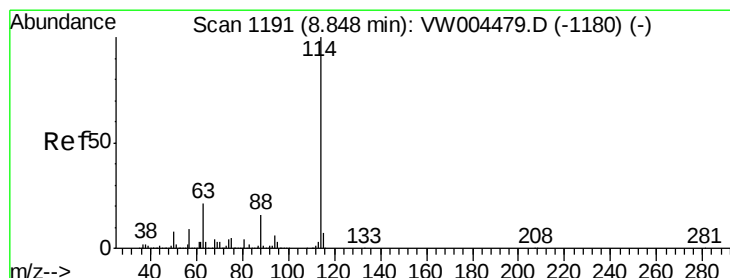
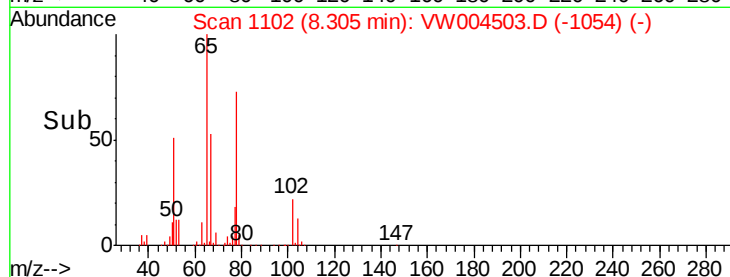
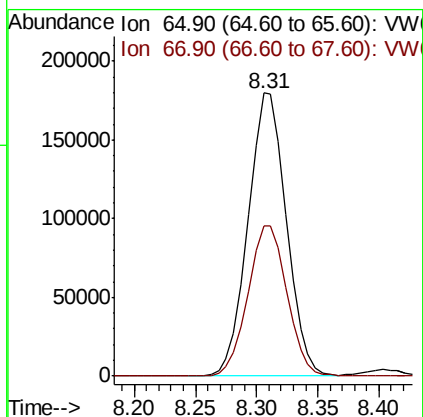
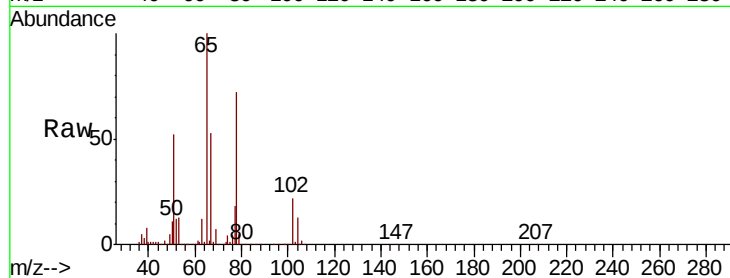




#33
 1,2-Dichloroethane-d4
 Concen: 48.247 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

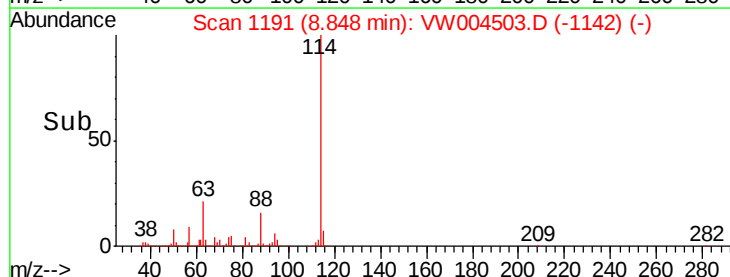
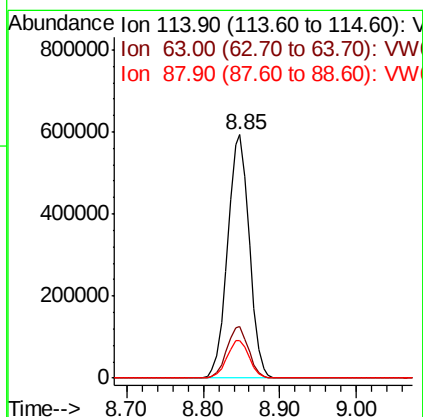
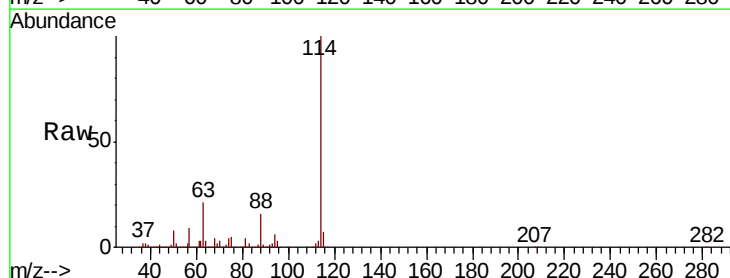
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

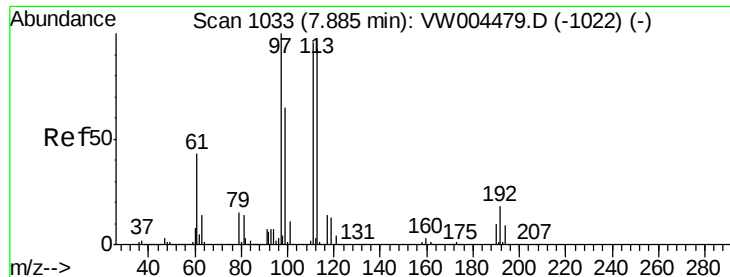
Tgt Ion: 65 Resp: 392417
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion: 114 Resp: 1153522
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.7 0.0 31.2

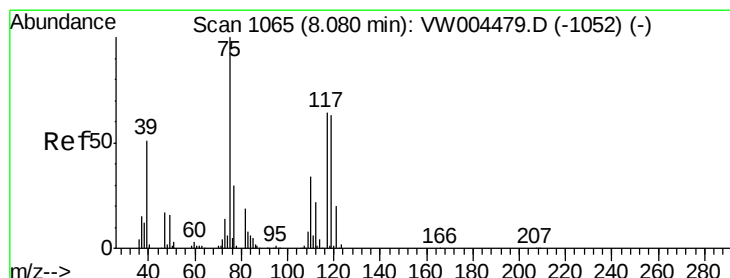
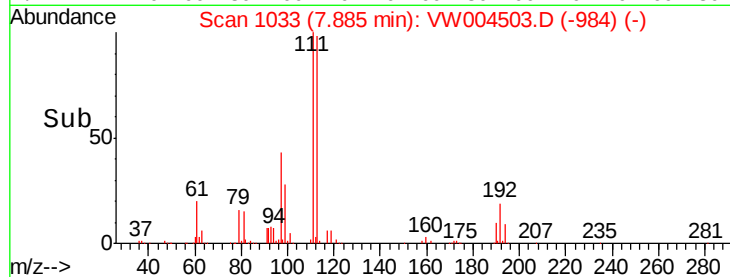
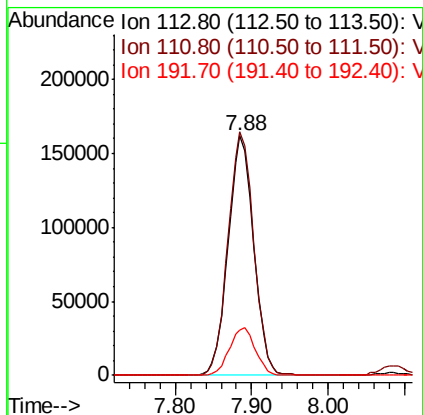
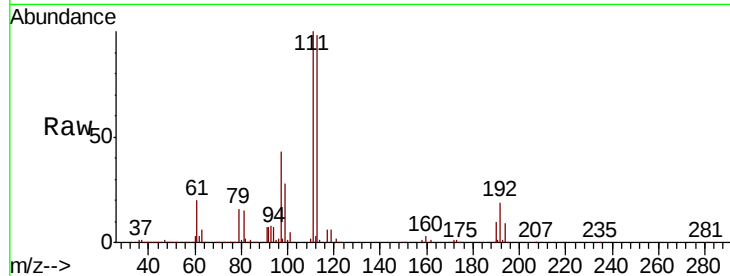




#35
 Dibromofluoromethane
 Concen: 48.488 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

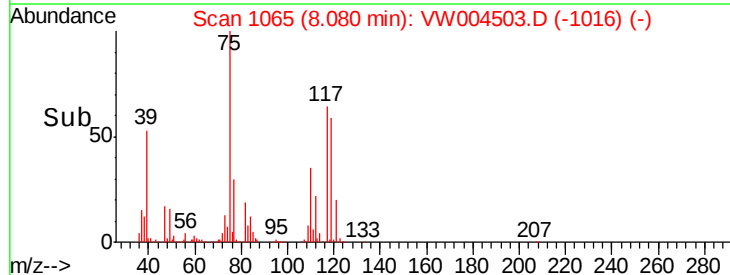
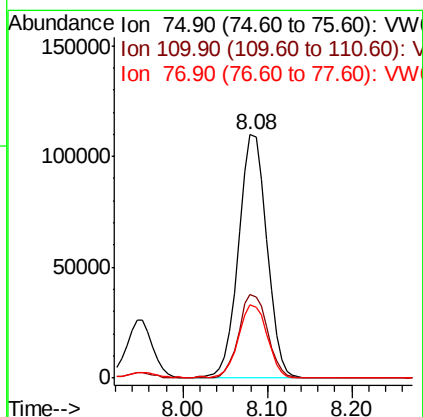
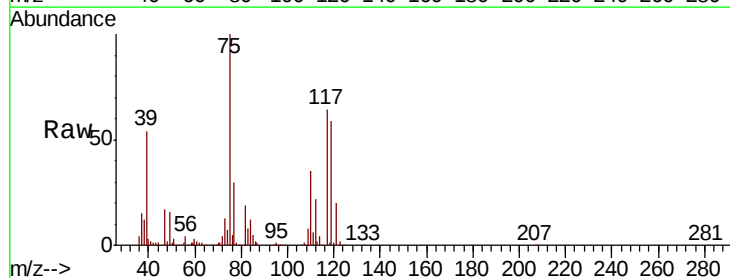
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

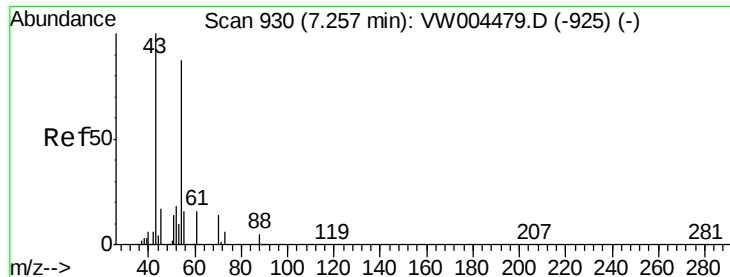
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.2	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 19.979 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.2
77	31.2	24.7	37.1

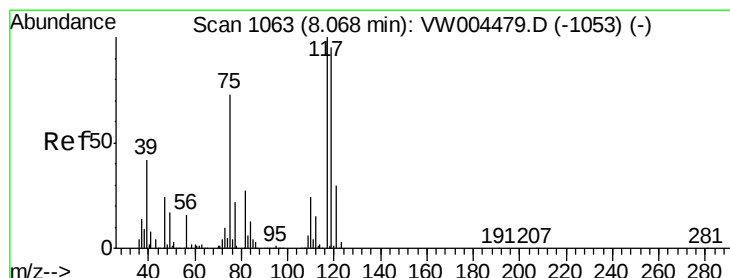
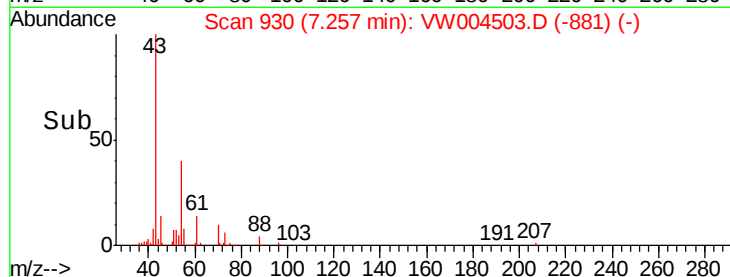
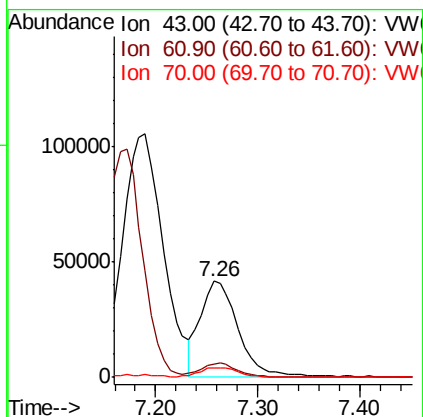
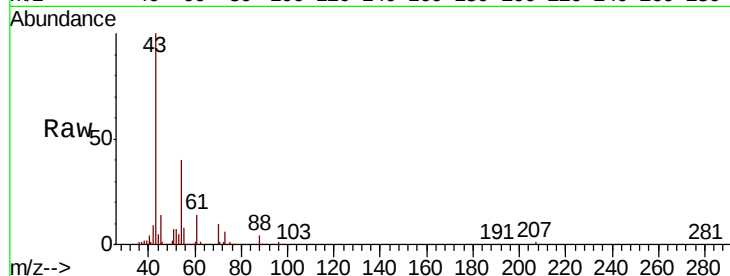




#37
Ethyl Acetate
Concen: 18.212 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

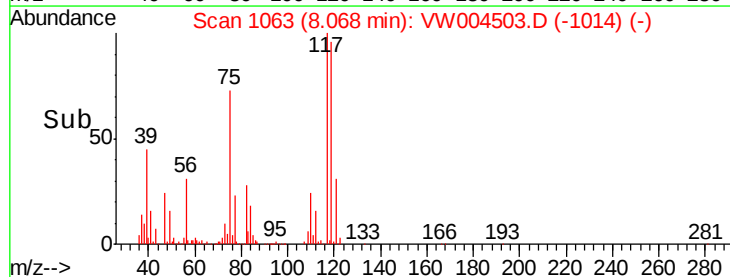
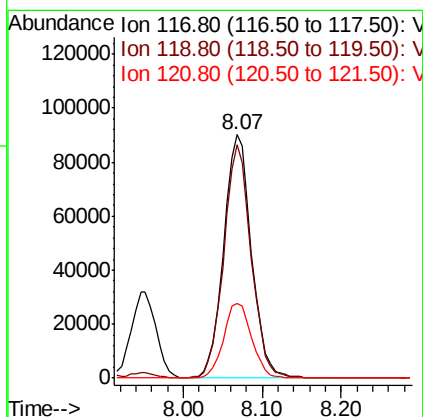
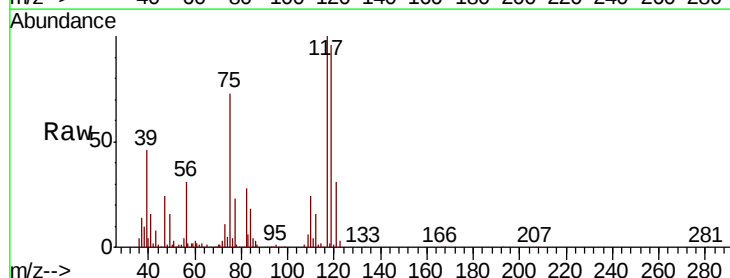
Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

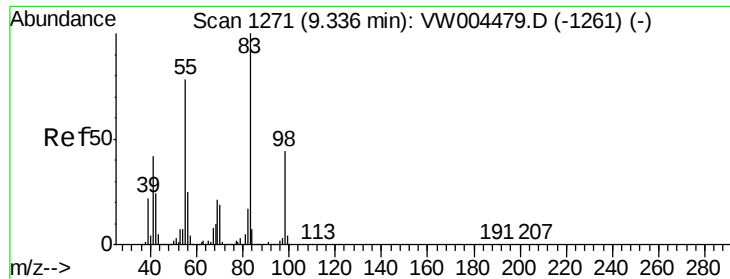
Tgt Ion: 43 Resp: 105936
Ion Ratio Lower Upper
43 100
61 14.1 11.9 17.9
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 19.769 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion: 117 Resp: 220953
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
121 30.9 24.2 36.4

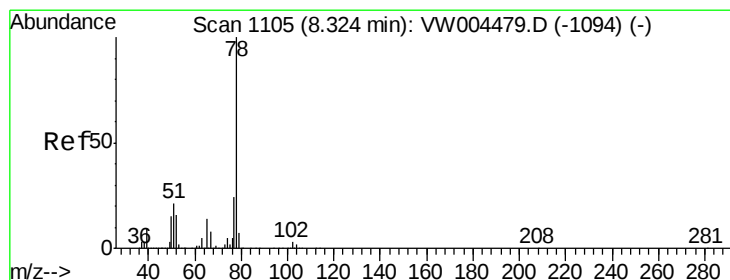
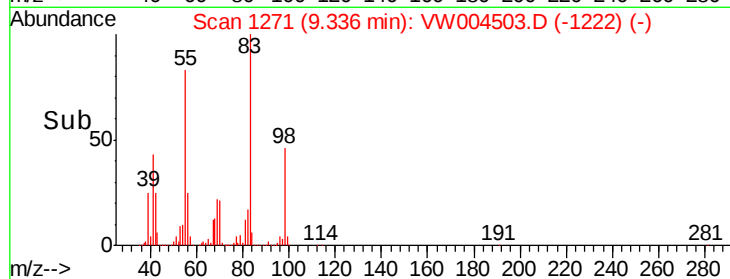
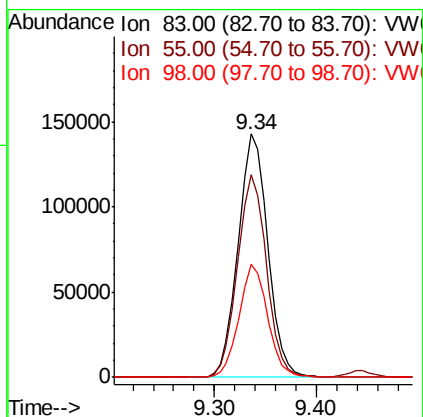
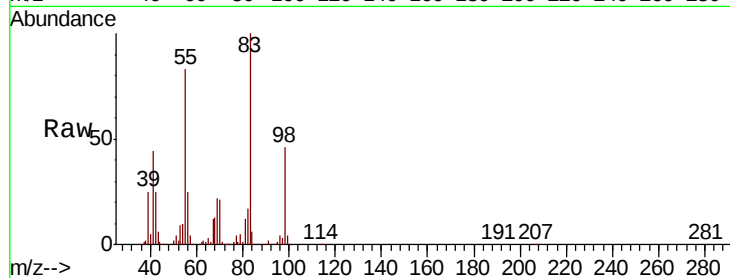




#39
Methylcyclohexane
Concen: 18.958 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

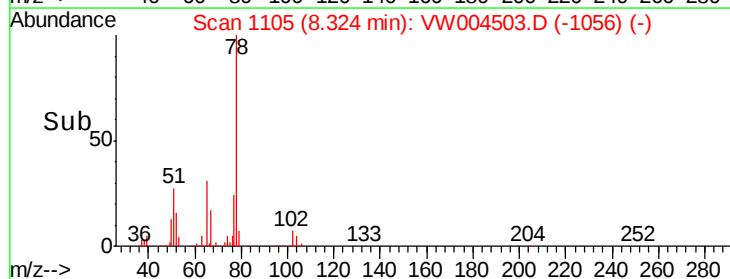
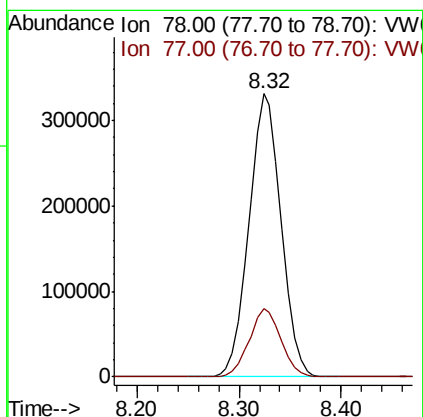
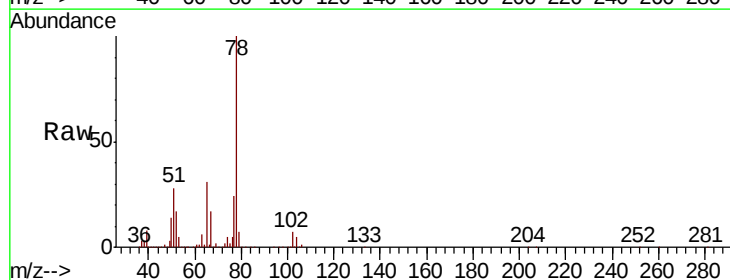
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

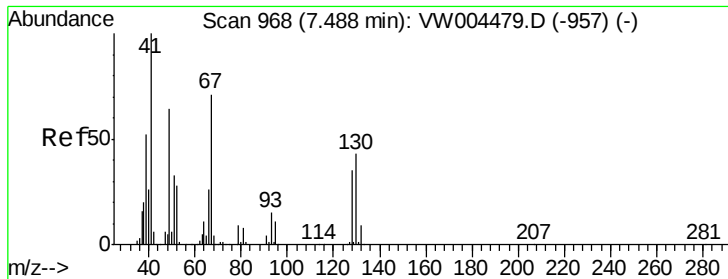
Tgt Ion: 83 Resp: 288605
Ion Ratio Lower Upper
83 100
55 83.0 62.5 93.7
98 46.3 35.4 53.2



#40
Benzene
Concen: 19.863 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion: 78 Resp: 724463
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41

Methacrylonitrile

Concen: 19.569 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tgt Ion: 41 Resp: 63579

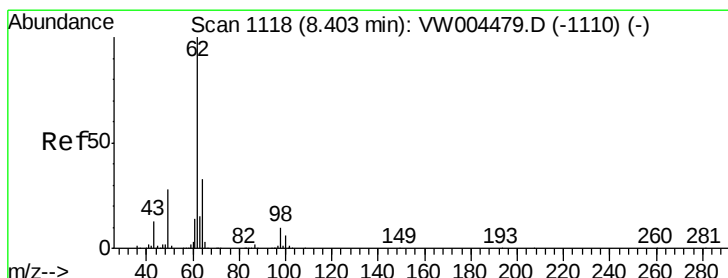
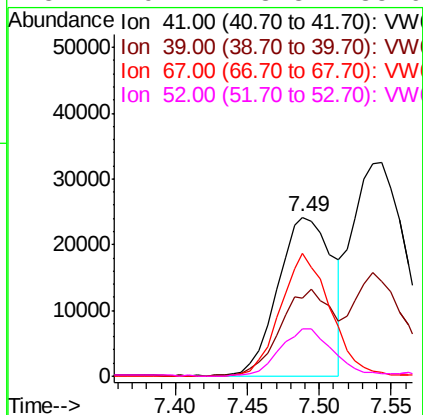
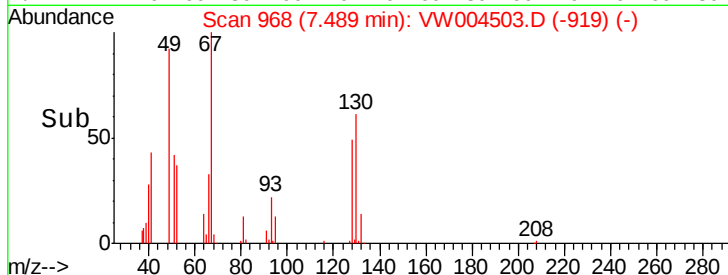
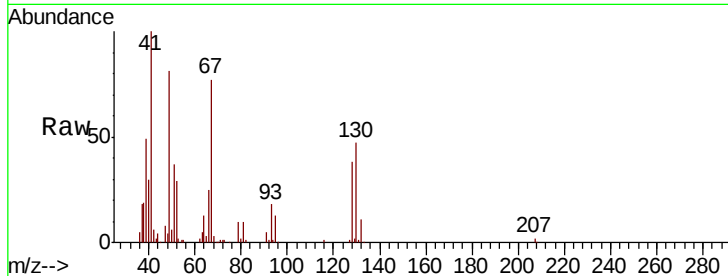
Ion Ratio Lower Upper

41 100

39 51.7 46.2 69.2

67 71.6 60.8 91.2

52 29.1 23.8 35.6



#42

1,2-Dichloroethane

Concen: 19.733 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW004503.D

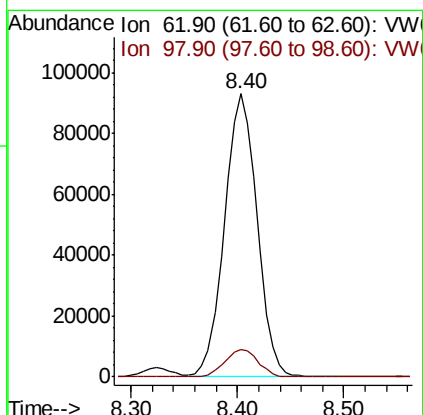
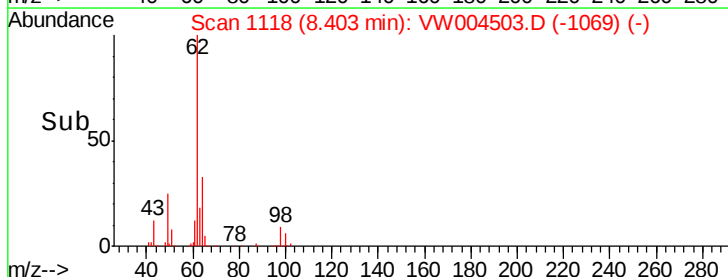
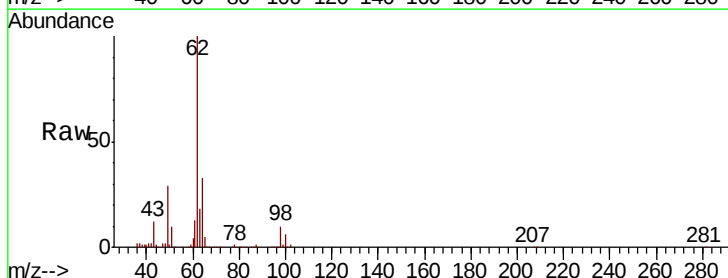
Acq: 07 Aug 2018 20:20

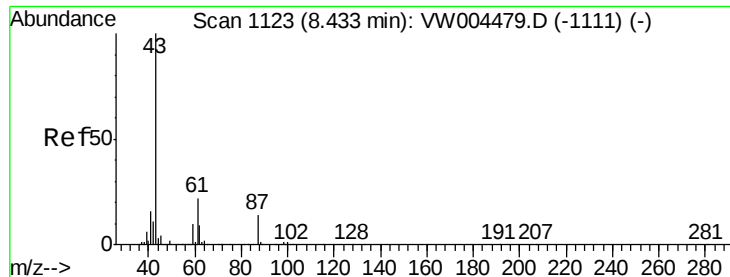
Tgt Ion: 62 Resp: 199128

Ion Ratio Lower Upper

62 100

98 9.9 0.0 19.6





#43

Isopropyl Acetate

Concen: 18.559 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

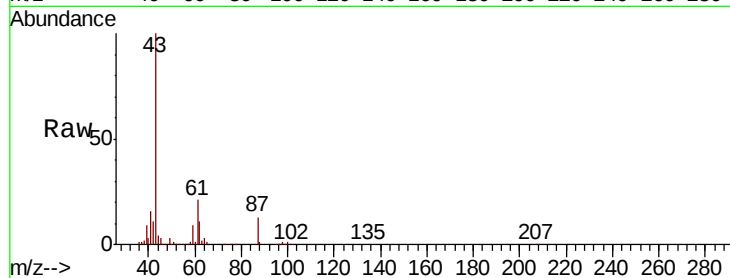
Tgt Ion: 43 Resp: 188181

Ion Ratio Lower Upper

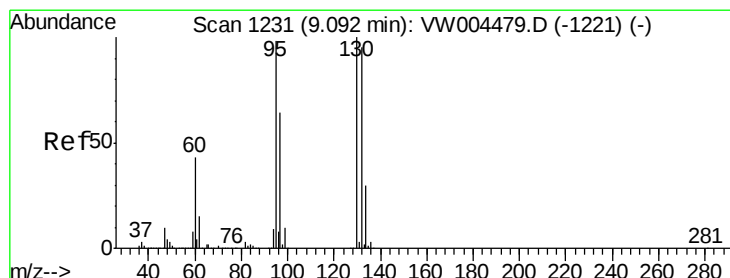
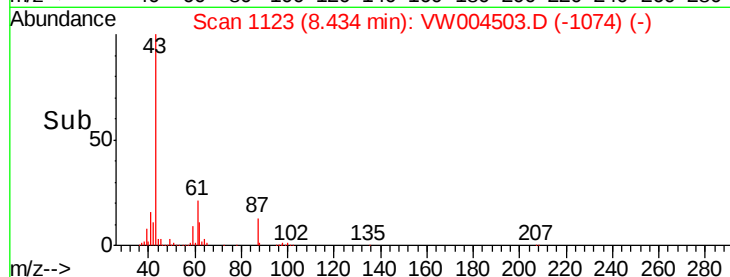
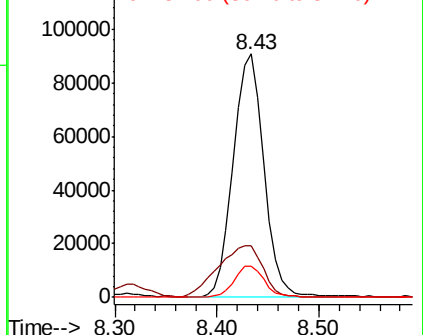
43 100

61 31.5 25.2 37.8

87 12.8 10.6 16.0



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



#44

Trichloroethene

Concen: 19.603 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004503.D

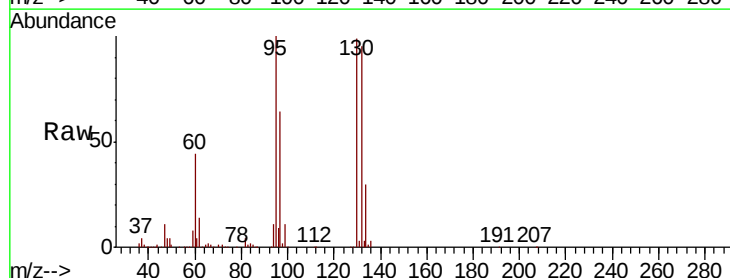
Acq: 07 Aug 2018 20:20

Tgt Ion: 130 Resp: 175685

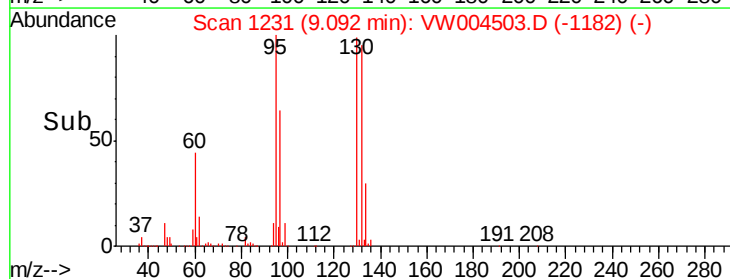
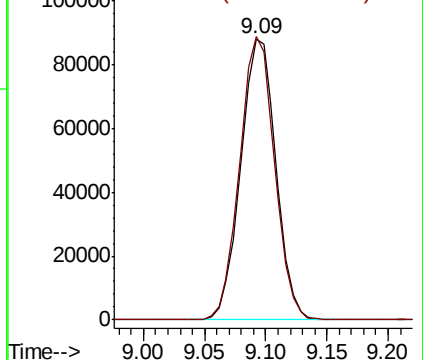
Ion Ratio Lower Upper

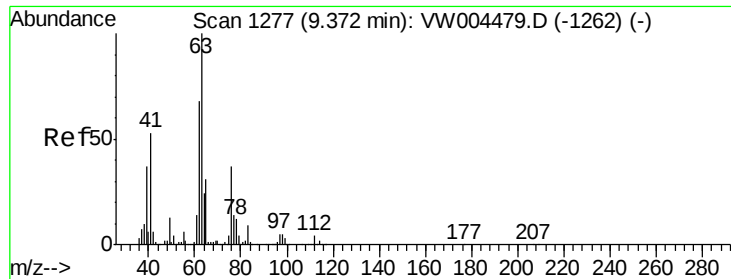
130 100

95 100.7 0.0 196.2



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

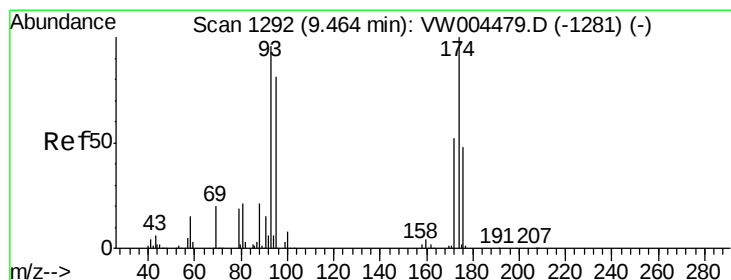
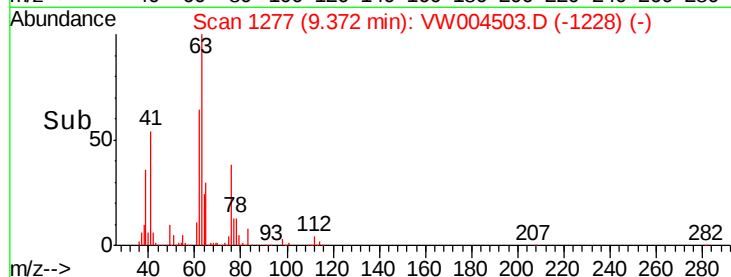
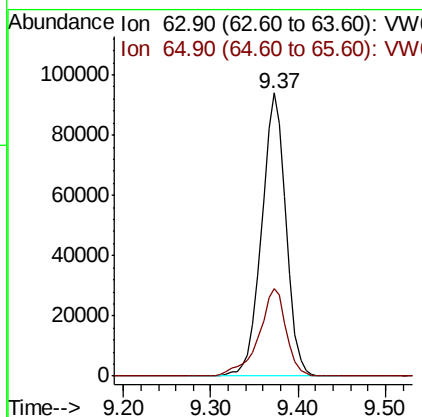
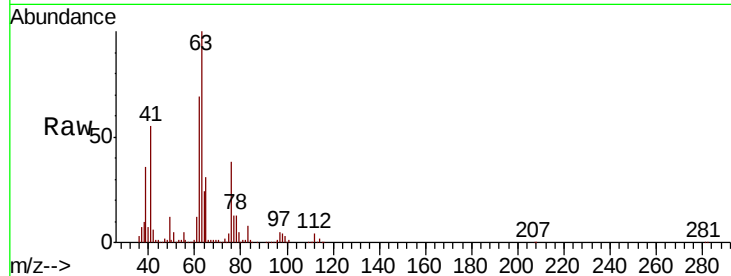




#45
 1,2-Dichloropropane
 Concen: 20.031 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

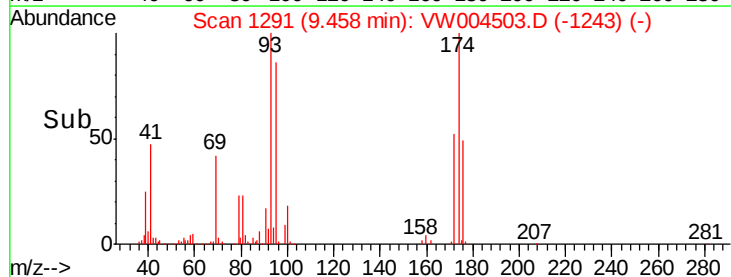
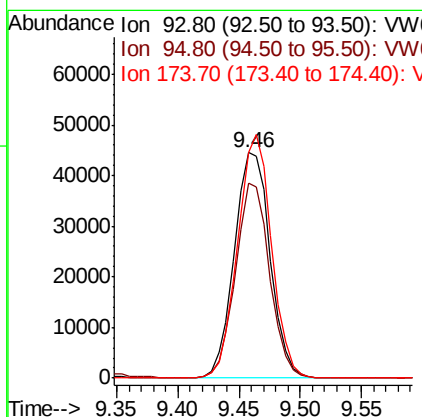
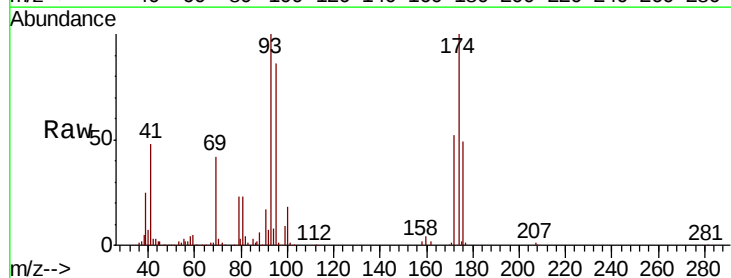
Instrument :
 MSVOA_W
 ClientSampled :
 VW0808SBS01

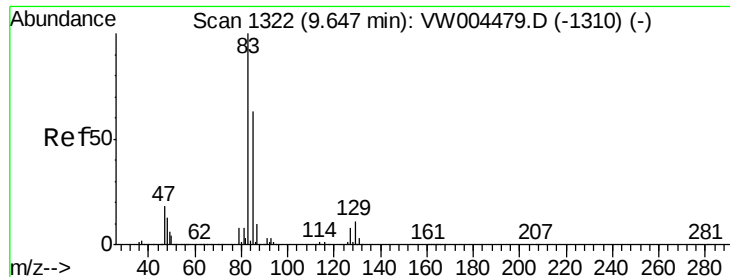
Tgt Ion: 63 Resp: 182961
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.5 36.7



#46
 Dibromomethane
 Concen: 19.459 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion: 93 Resp: 90481
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.0 100.4
 174 102.5 80.2 120.4





#47

Bromodichloromethane

Concen: 19.673 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

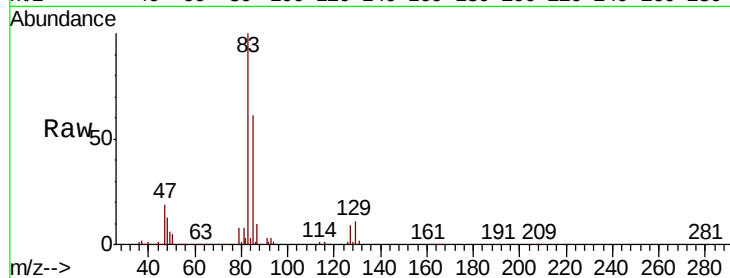
Tgt Ion: 83 Resp: 215924

Ion Ratio Lower Upper

83 100

85 61.4 50.7 76.1

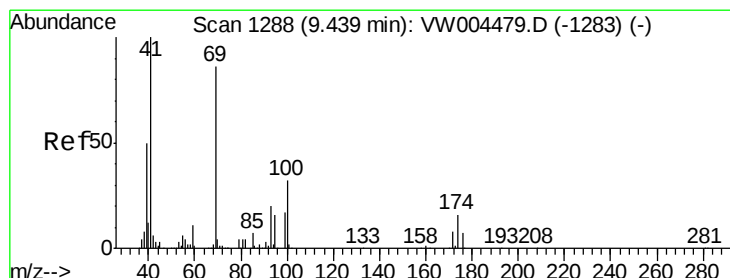
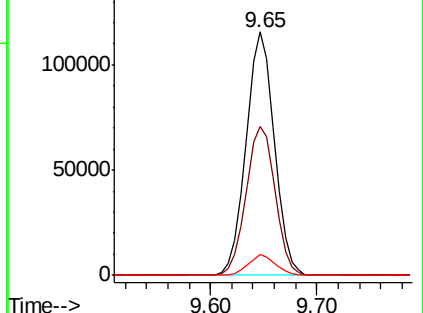
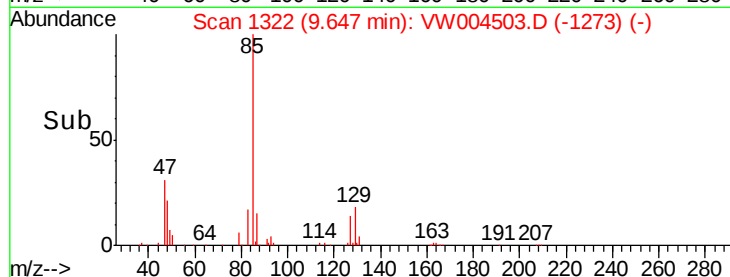
127 8.6 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.022 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

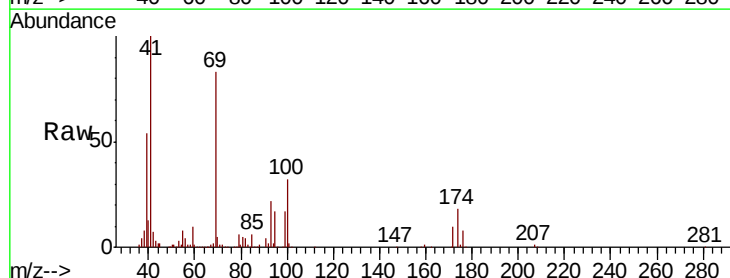
Tgt Ion: 41 Resp: 90145

Ion Ratio Lower Upper

41 100

69 88.5 73.2 109.8

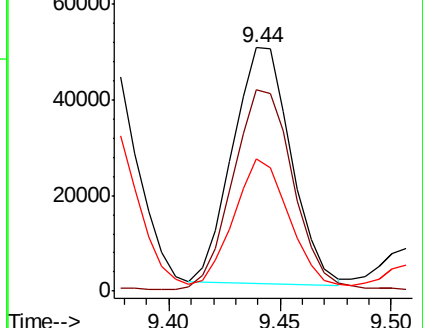
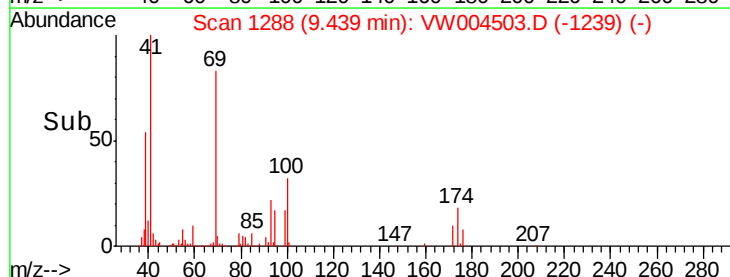
39 50.4 40.6 60.8

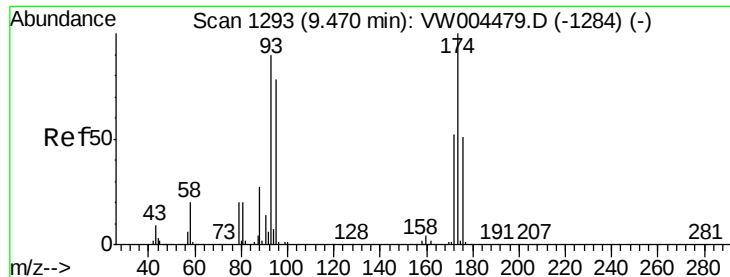


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 379.704 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

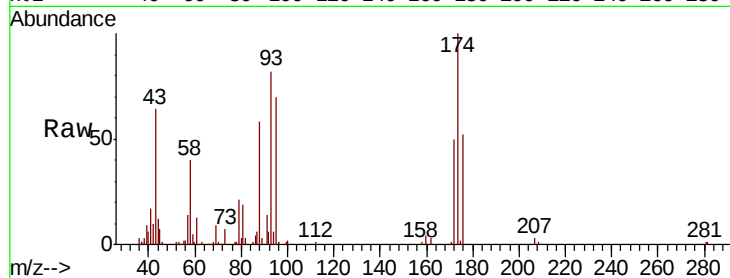
Tgt Ion: 88 Resp: 26936

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

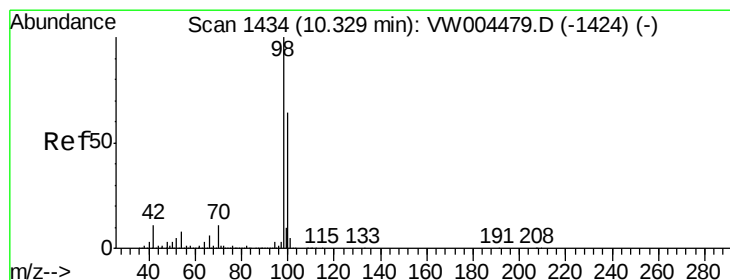
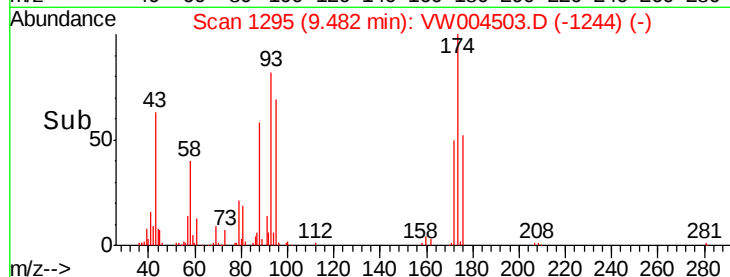
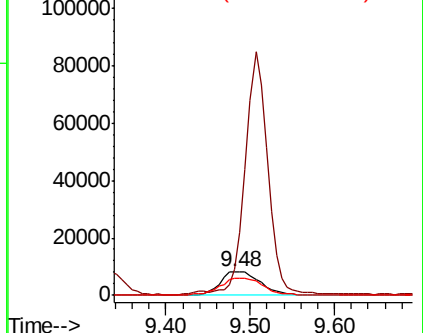
58 78.1 63.5 95.3



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.953 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004503.D

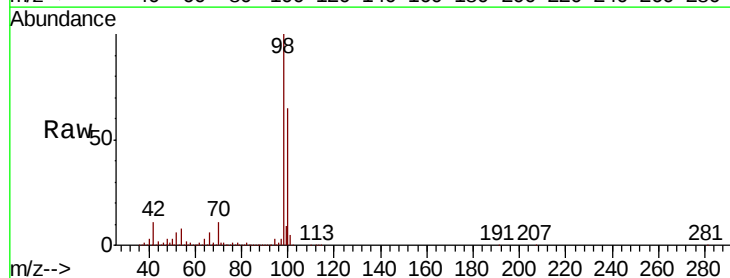
Acq: 07 Aug 2018 20:20

Tgt Ion: 98 Resp: 1464738

Ion Ratio Lower Upper

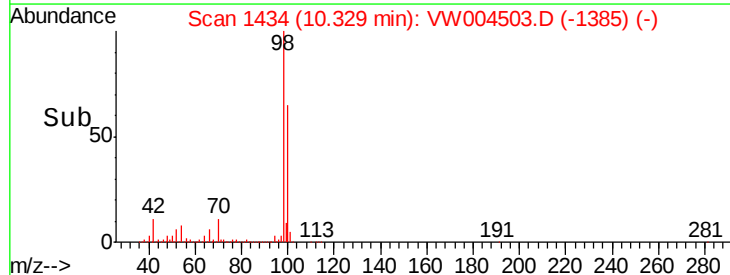
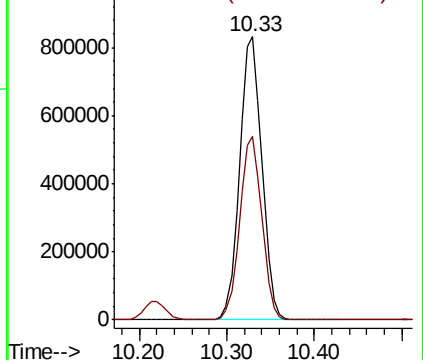
98 100

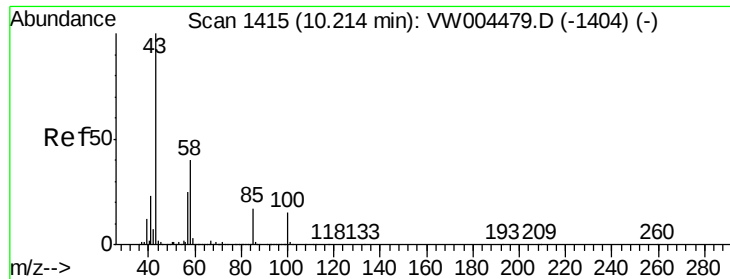
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 94.501 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

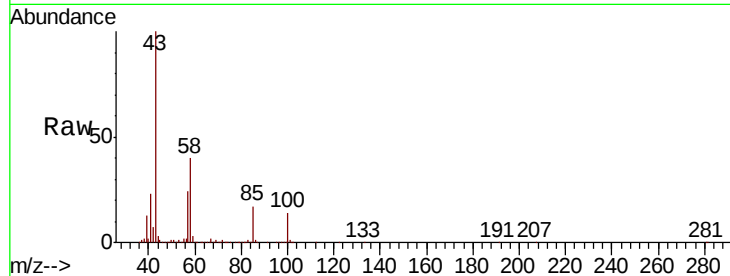
VW0808SBS01

Tgt Ion: 43 Resp: 666979

Ion Ratio Lower Upper

43 100

58 39.3 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

400000

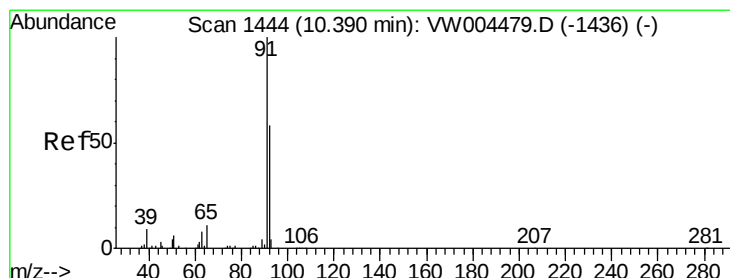
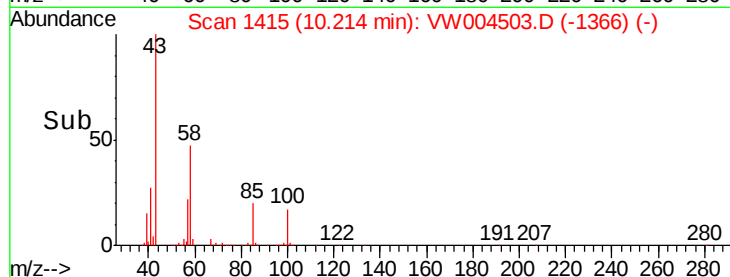
300000

200000

100000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 20.351 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004503.D

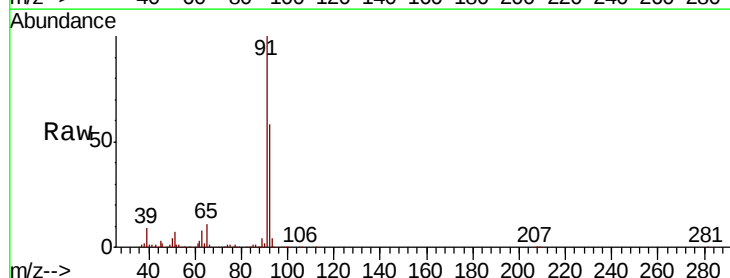
Acq: 07 Aug 2018 20:20

Tgt Ion: 92 Resp: 437707

Ion Ratio Lower Upper

92 100

91 172.9 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

500000

400000

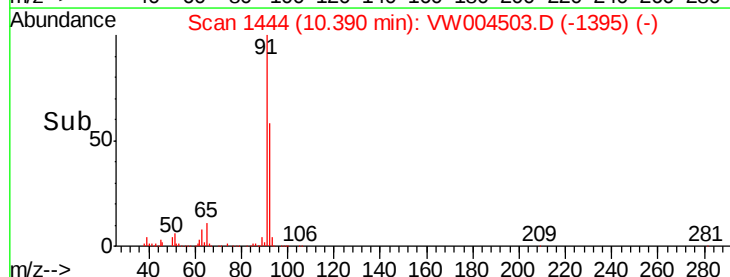
300000

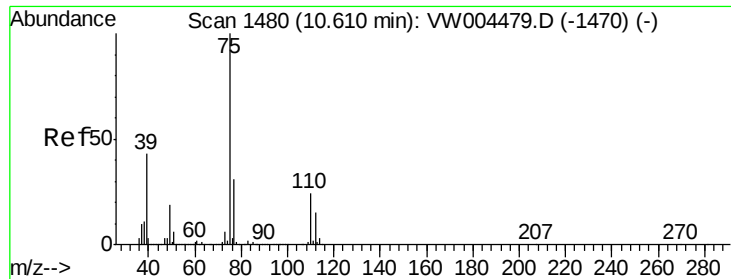
200000

100000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 18.907 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

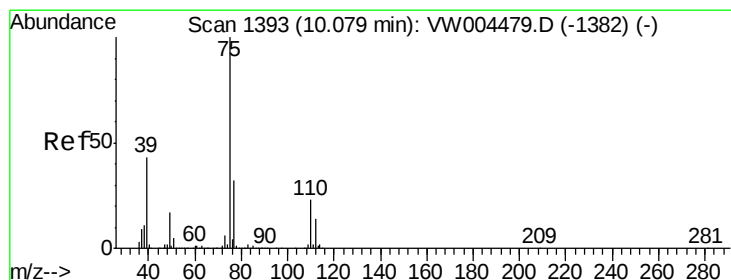
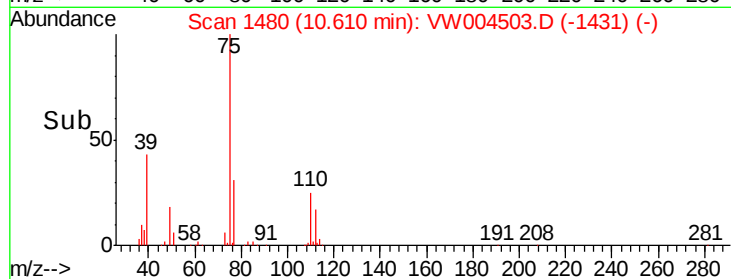
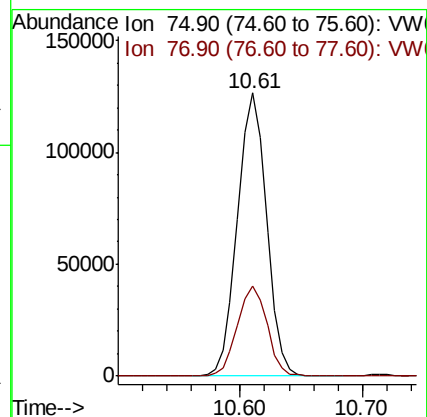
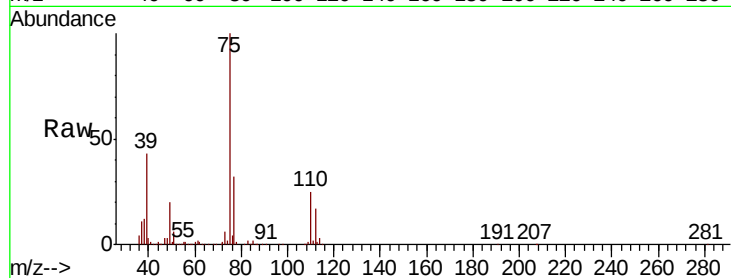
VW0808SBS01

Tgt Ion: 75 Resp: 208370

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.433 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

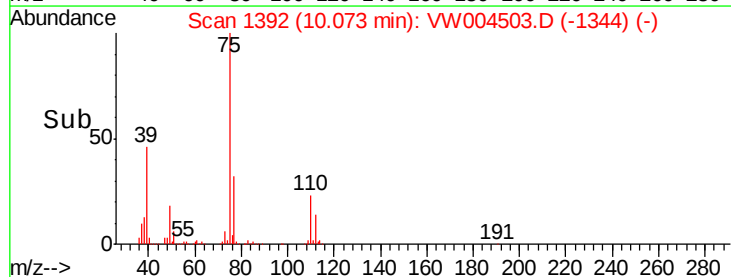
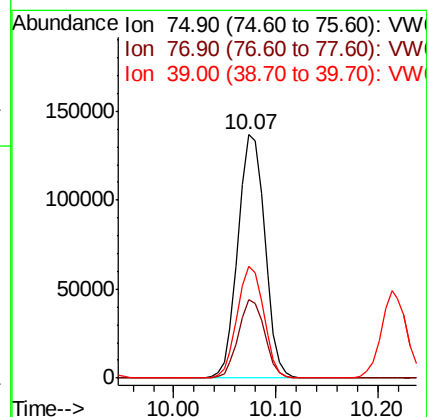
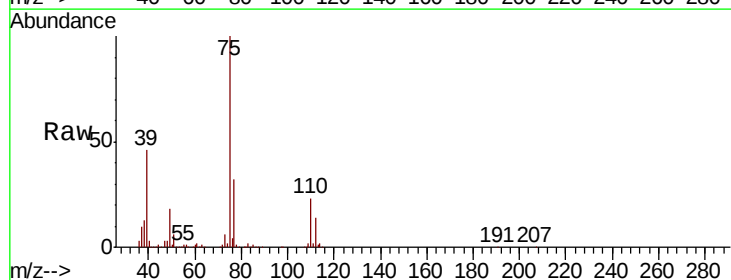
Tgt Ion: 75 Resp: 249589

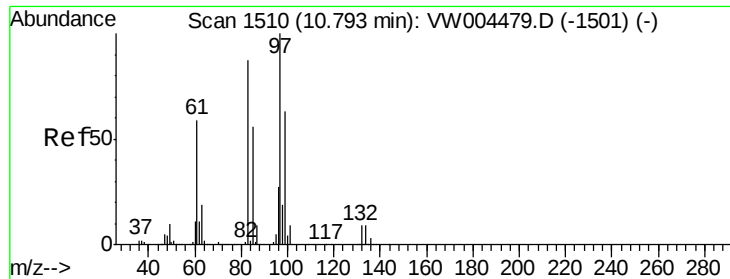
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 45.8 34.5 51.7

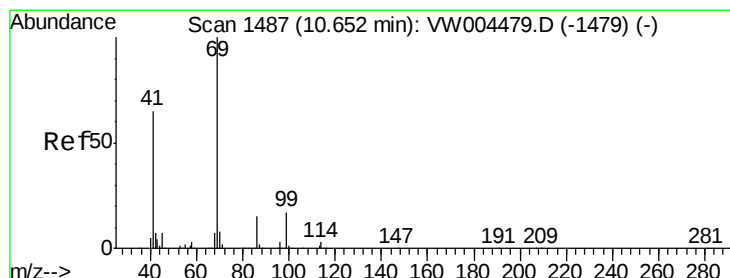
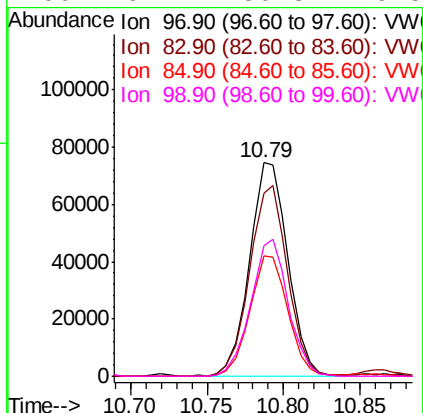
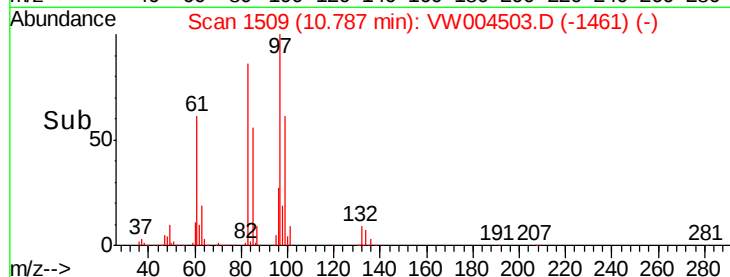
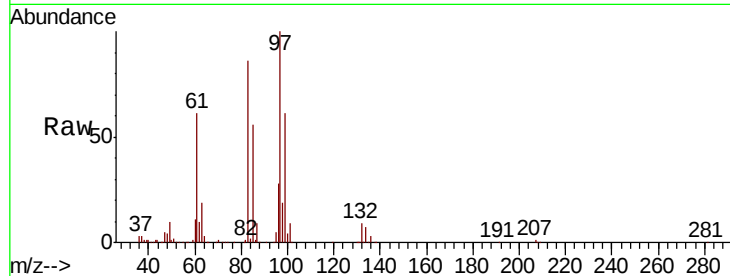




#55
 1,1,2-Trichloroethane
 Concen: 19.424 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

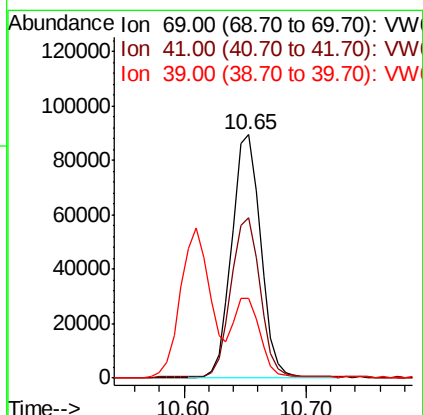
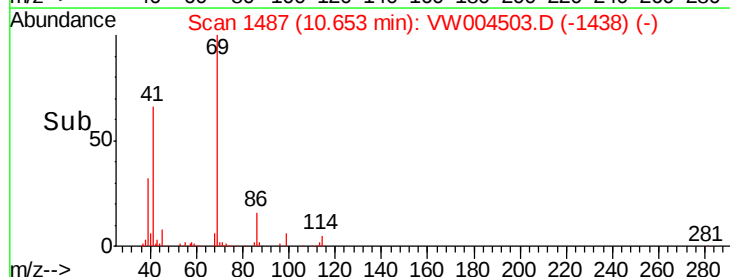
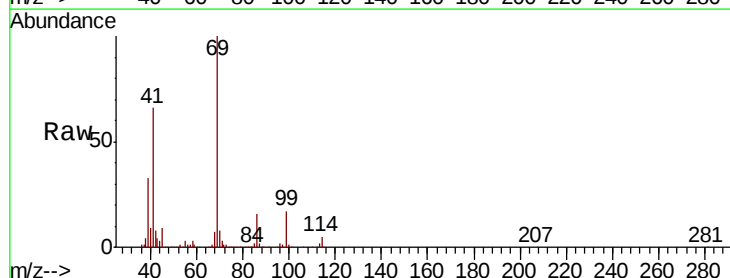
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

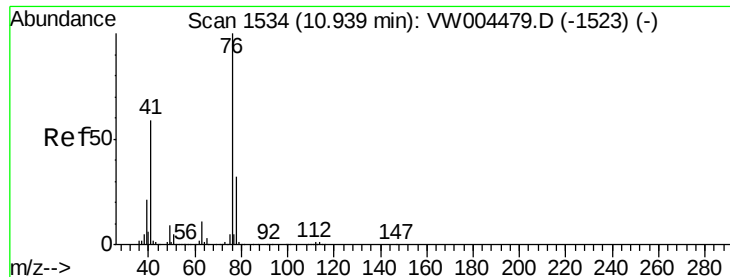
Tgt Ion:	97	Resp:	129455
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.8	104.8
85	56.2	45.1	67.7
99	61.2	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 18.455 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion:	69	Resp:	147253
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.4	78.6
39	29.4	22.7	34.1





#57

1,3-Dichloropropane

Concen: 19.673 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

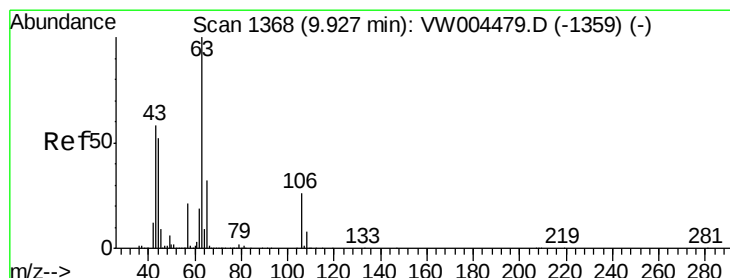
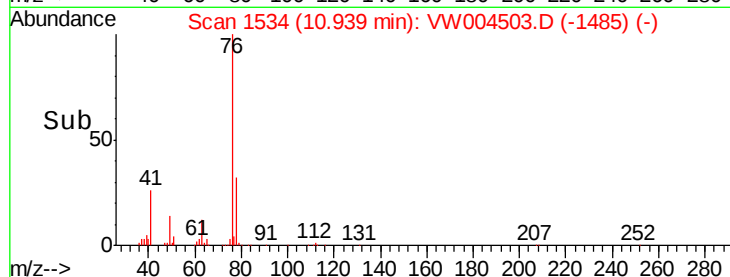
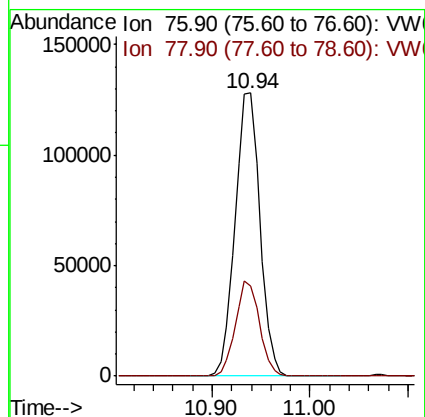
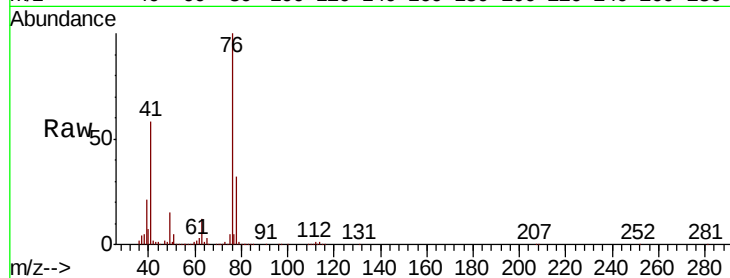
VW0808SBS01

Tgt Ion: 76 Resp: 225976

Ion Ratio Lower Upper

76 100

78 32.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 93.846 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004503.D

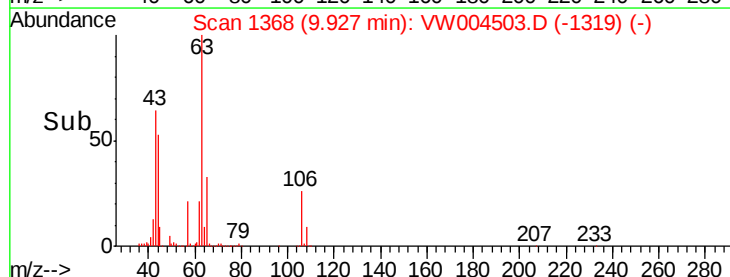
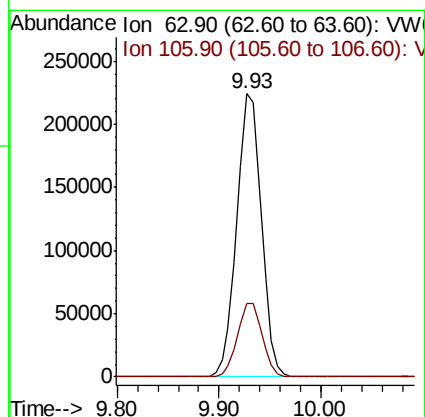
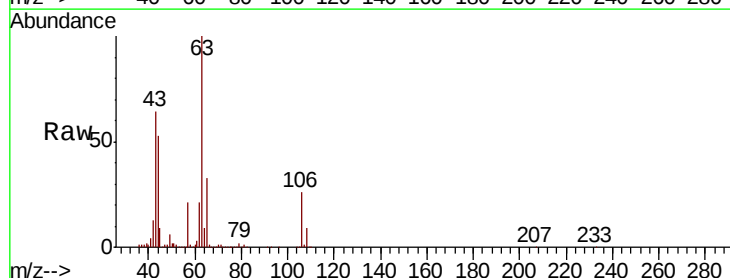
Acq: 07 Aug 2018 20:20

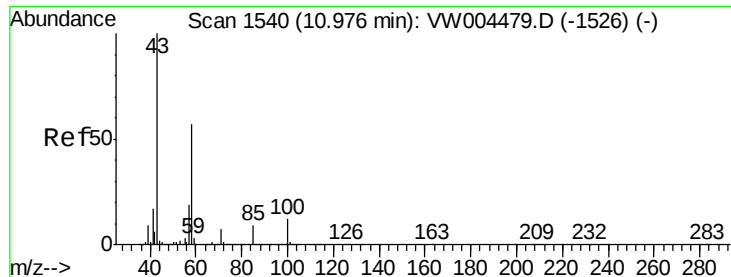
Tgt Ion: 63 Resp: 373117

Ion Ratio Lower Upper

63 100

106 26.3 21.3 31.9

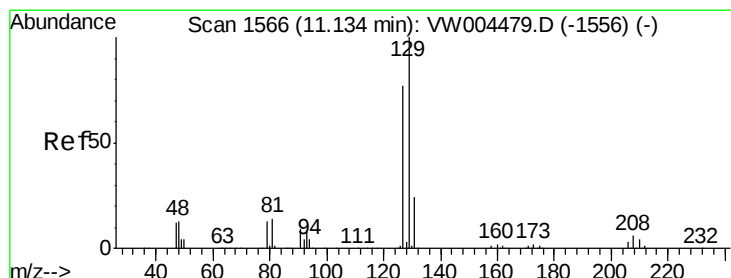
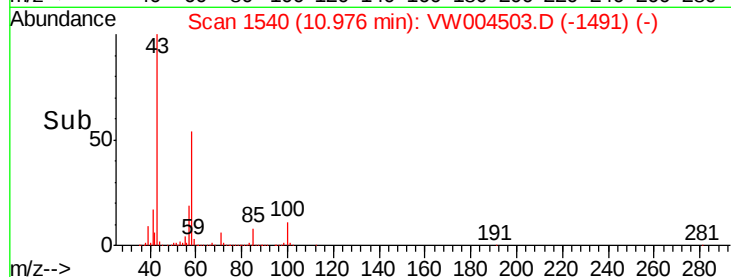
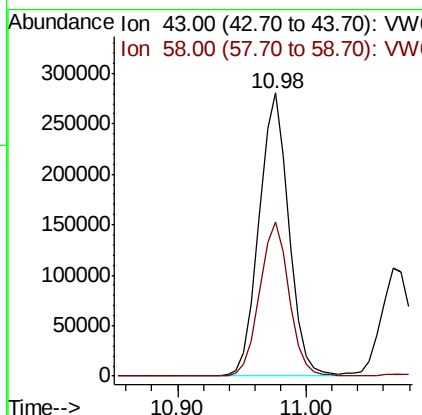
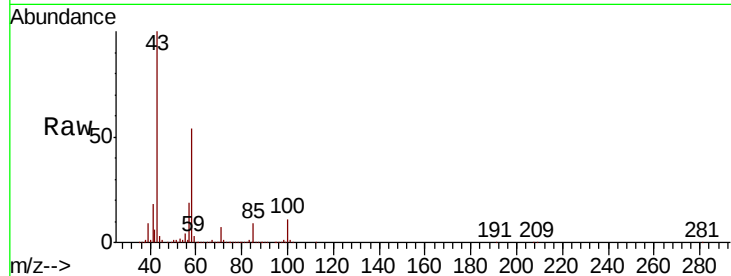




#59
2-Hexanone
Concen: 93.100 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

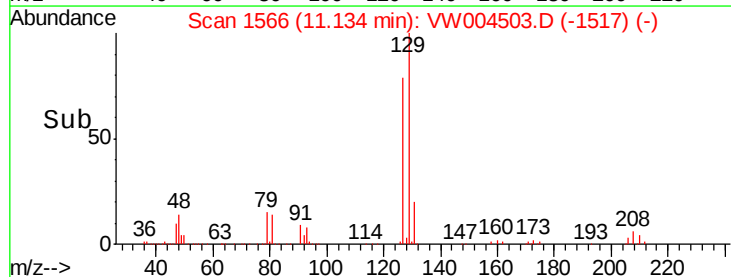
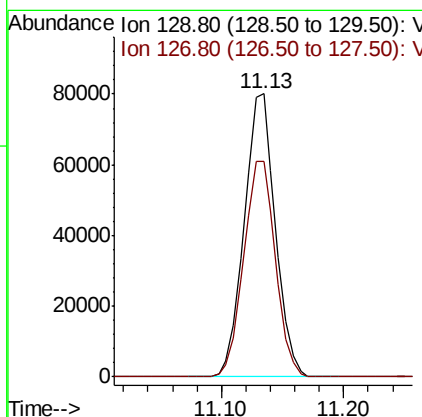
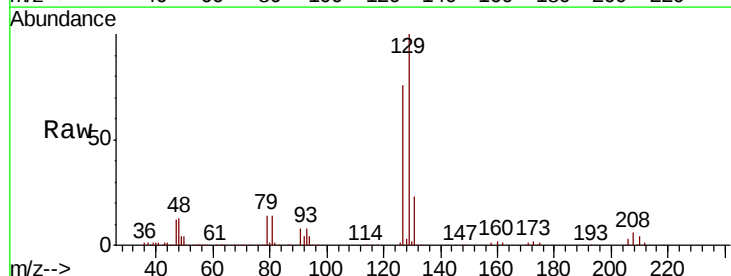
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

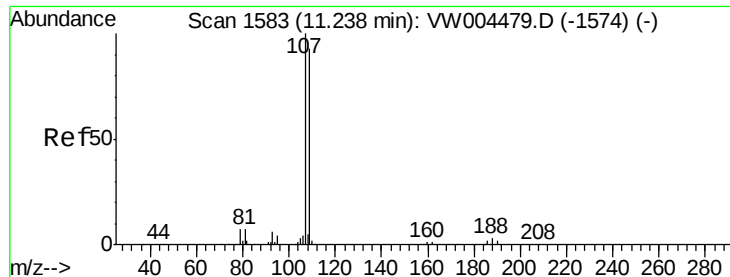
Tgt Ion: 43 Resp: 445511
Ion Ratio Lower Upper
43 100
58 54.2 27.9 83.6



#60
Dibromochloromethane
Concen: 19.501 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion: 129 Resp: 141358
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.635 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

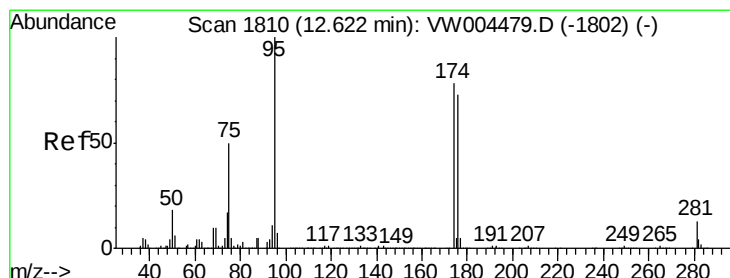
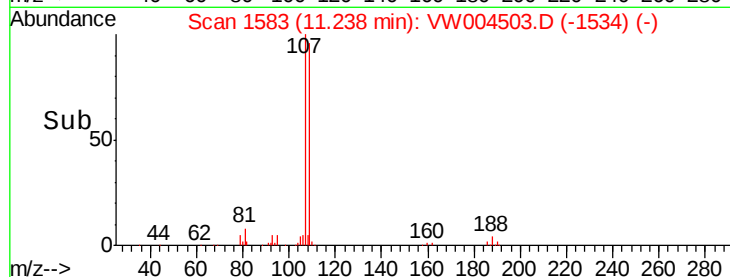
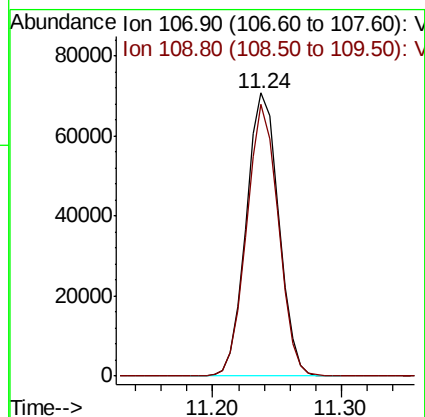
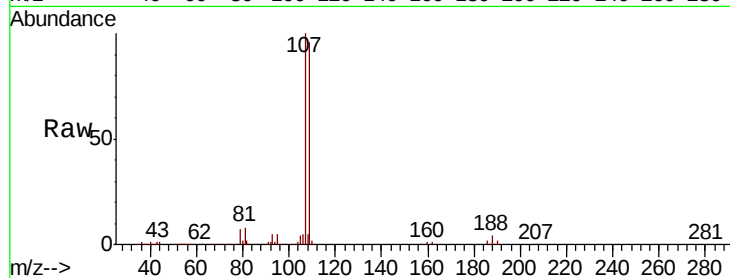
VW0808SBS01

Tgt Ion: 107 Resp: 122938

Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 50.184 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

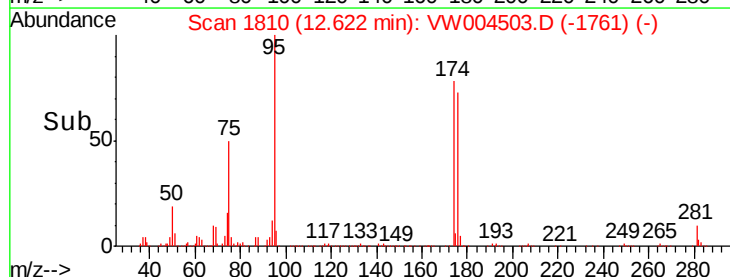
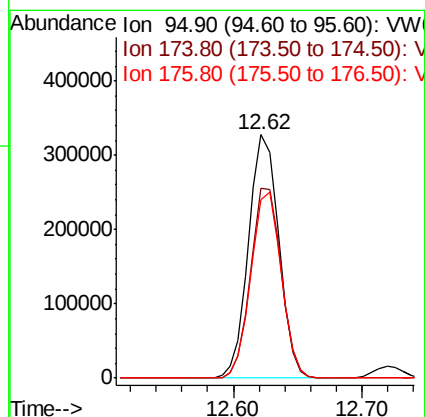
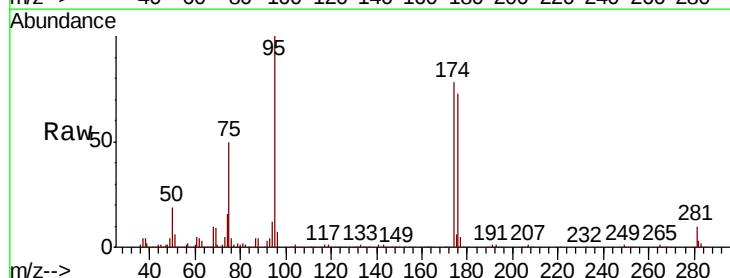
Tgt Ion: 95 Resp: 530057

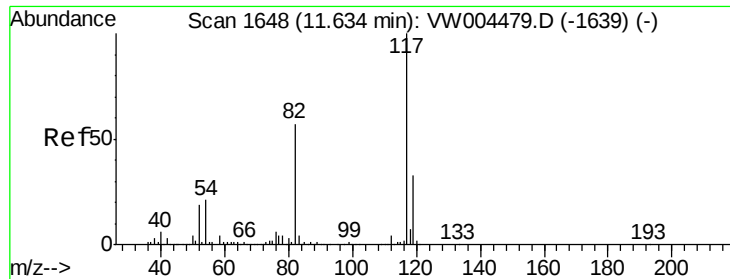
Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.4

176 76.6 0.0 153.2

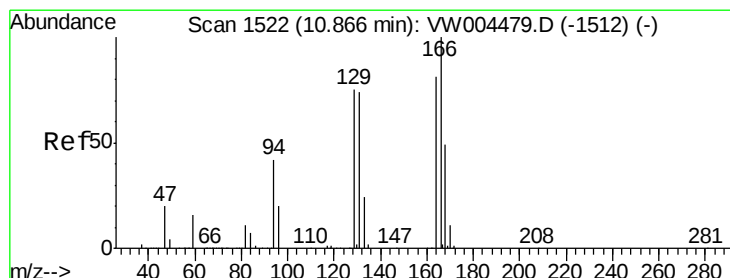
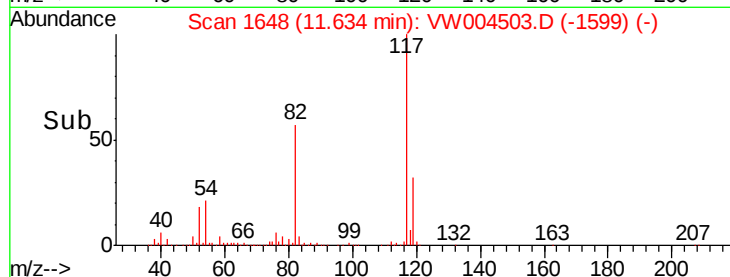
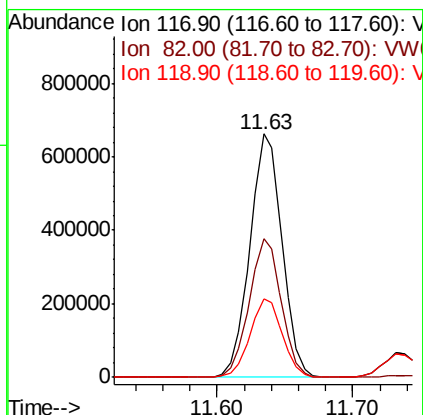
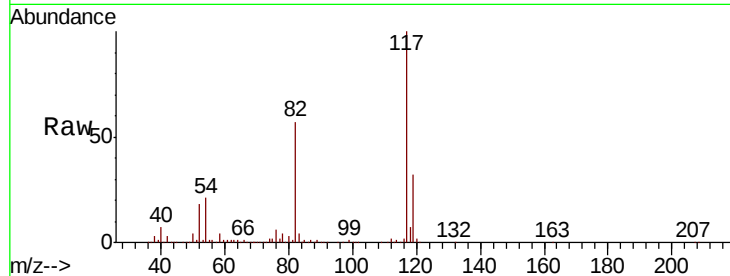




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

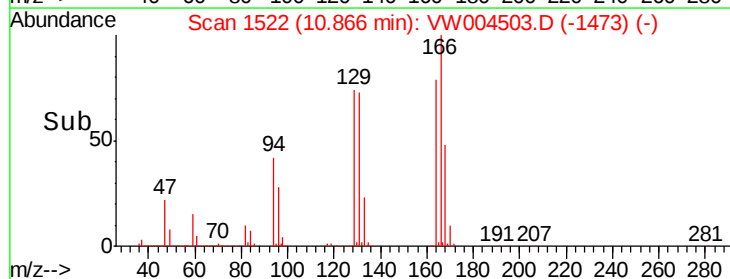
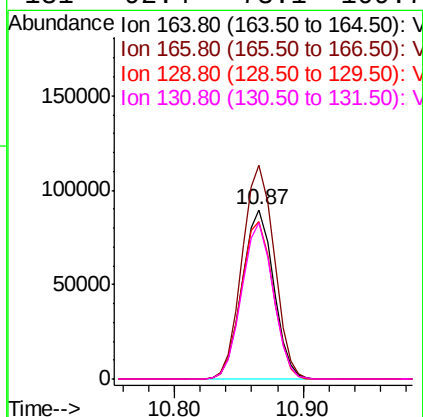
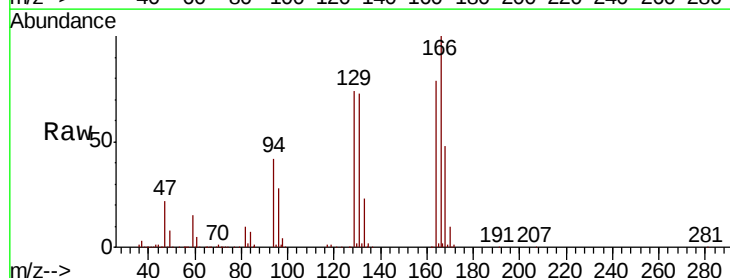
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

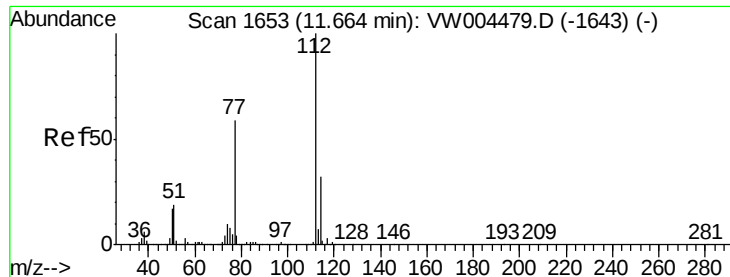
Tgt Ion:117 Resp: 1099230
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 19.799 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion:164 Resp: 151823
Ion Ratio Lower Upper
164 100
166 126.3 98.4 147.6
129 93.4 73.6 110.4
131 92.4 73.1 109.7

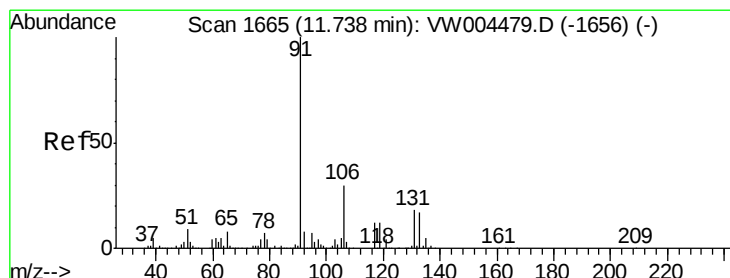
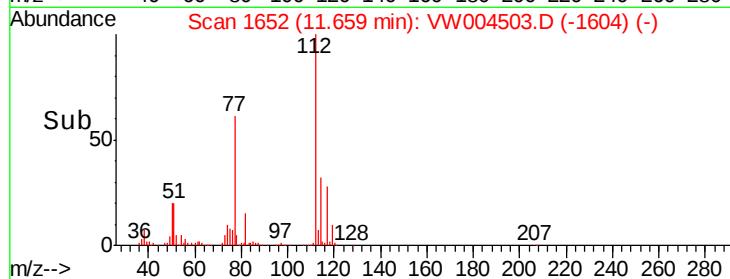
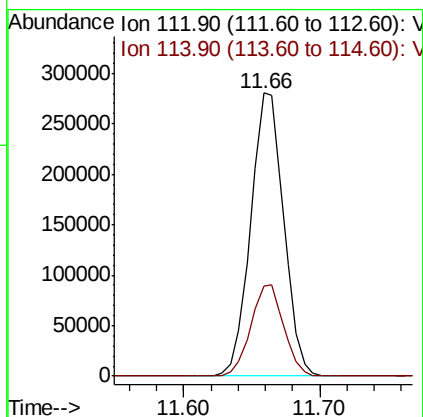
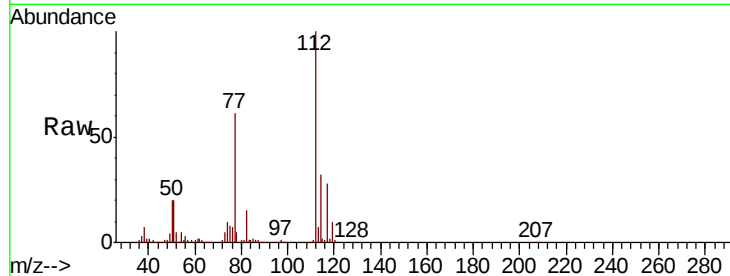




#65
Chlorobenzene
Concen: 19.719 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

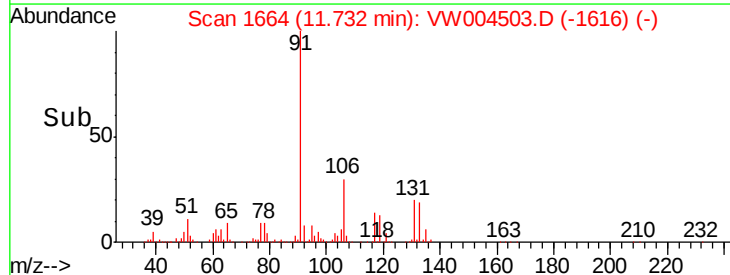
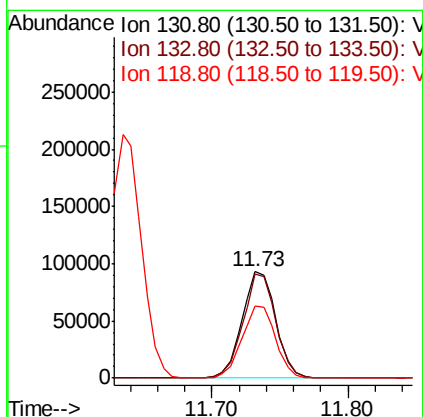
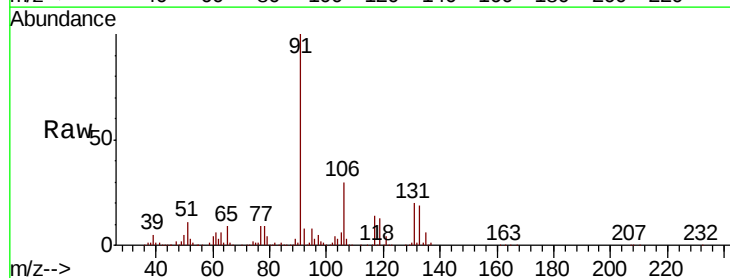
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

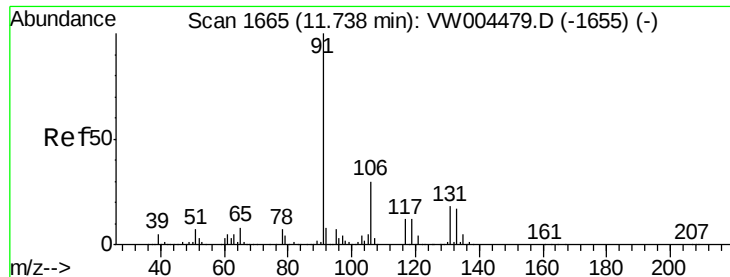
Tgt Ion:112 Resp: 477687
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.454 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion:131 Resp: 160448
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.4
119 67.4 33.9 101.7

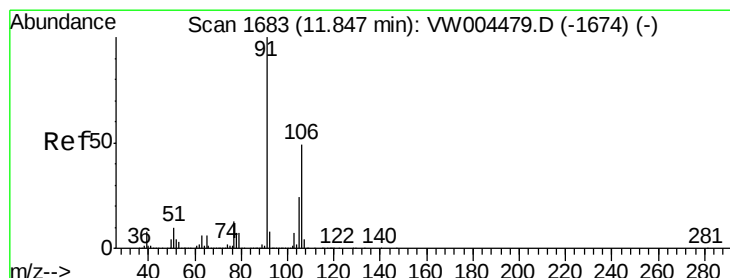
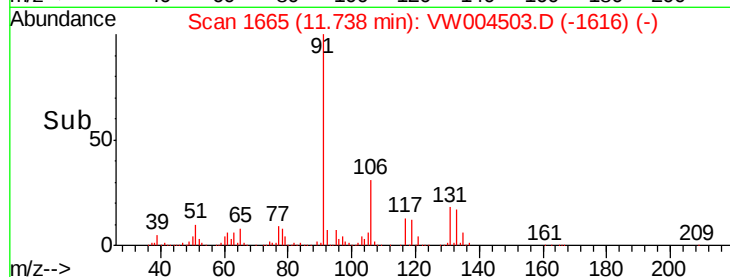
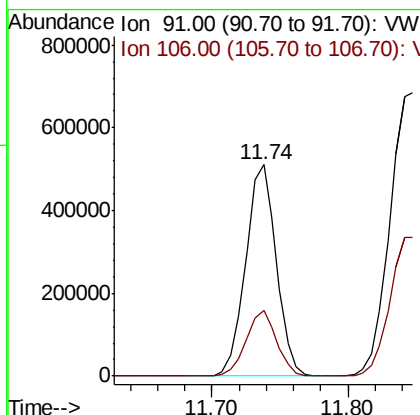
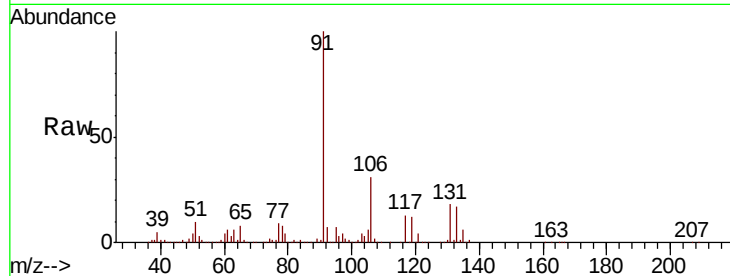




#67
Ethyl Benzene
Concen: 19.584 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

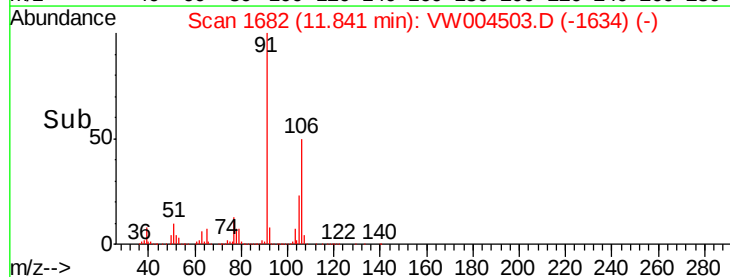
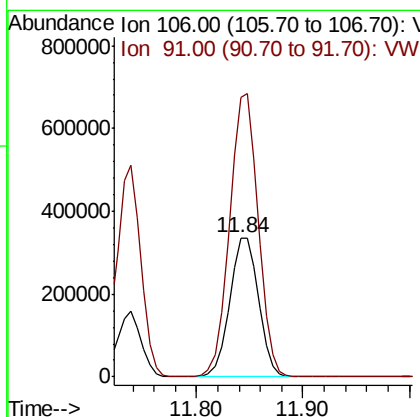
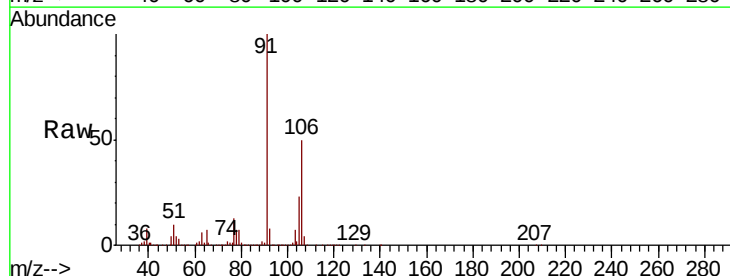
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

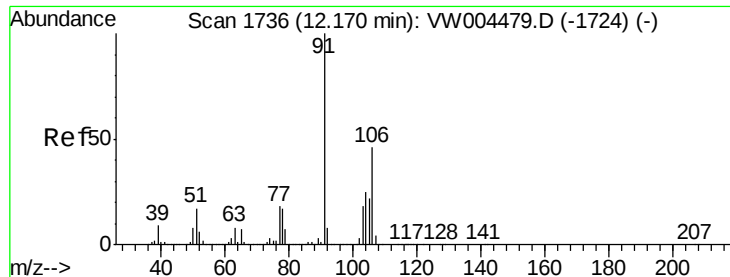
Tgt Ion: 91 Resp: 804239
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2



#68
m/p-Xylenes
Concen: 40.045 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion: 106 Resp: 635538
Ion Ratio Lower Upper
106 100
91 202.2 162.8 244.2

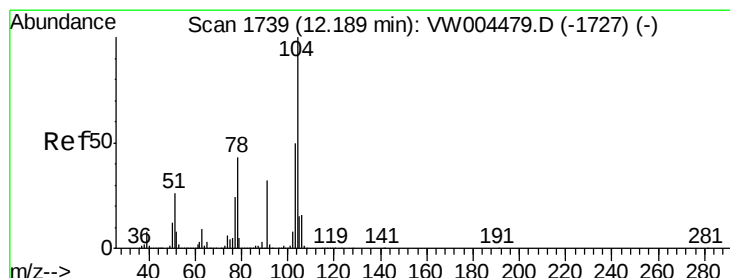
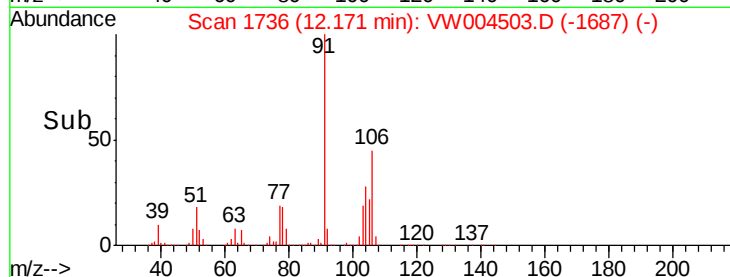
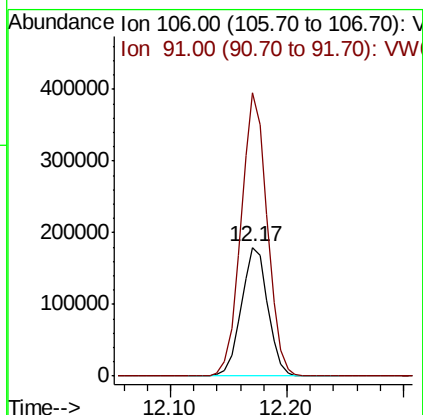
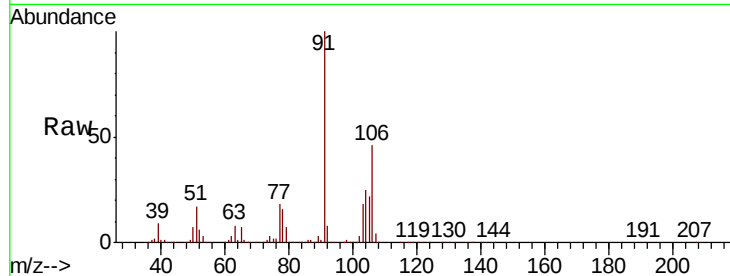




#69
o-Xylene
Concen: 19.388 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

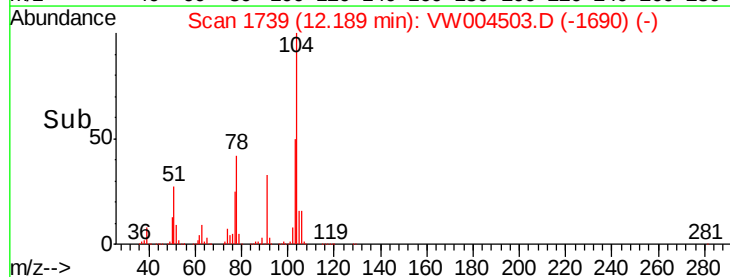
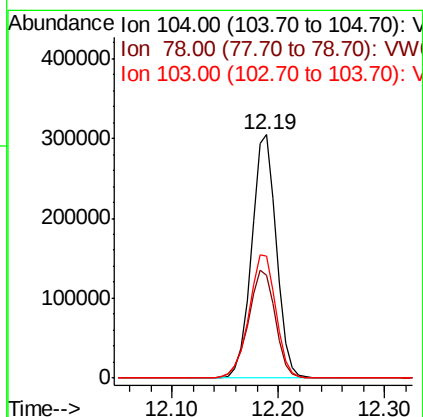
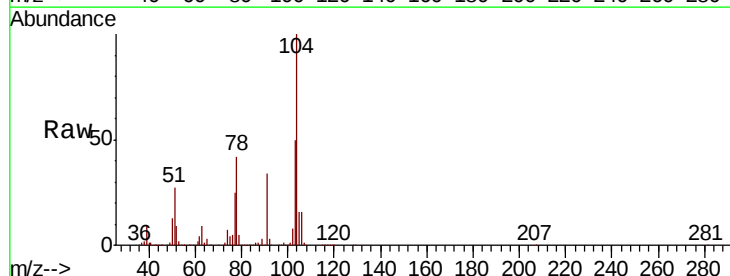
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

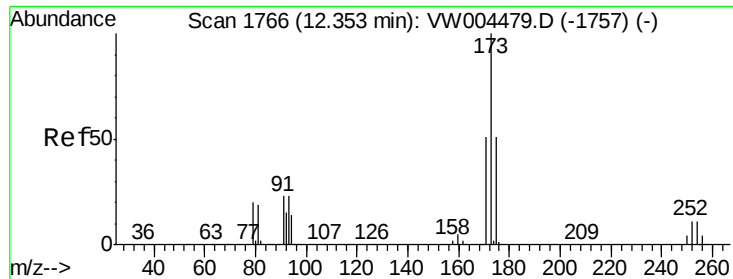
Tgt Ion:106 Resp: 285364
Ion Ratio Lower Upper
106 100
91 217.1 106.7 320.2



#70
Styrene
Concen: 19.934 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion:104 Resp: 495723
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 55.5 44.2 66.2

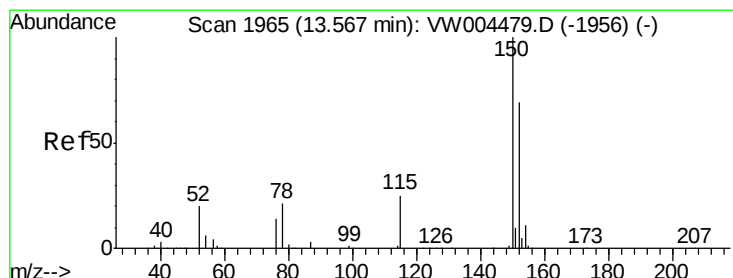
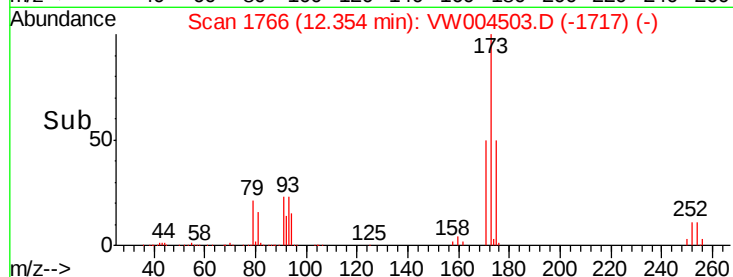
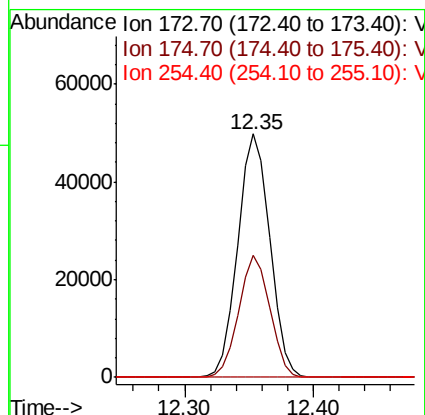
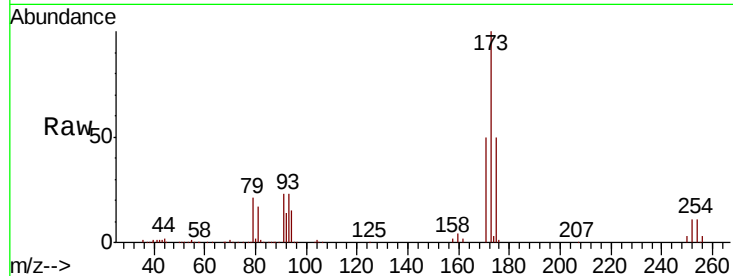




#71
Bromoform
Concen: 18.921 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

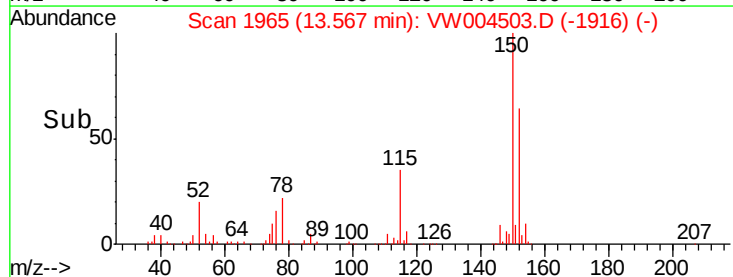
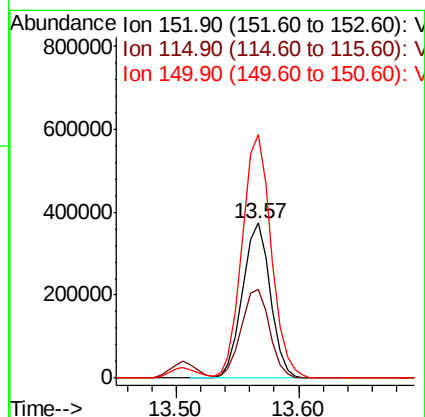
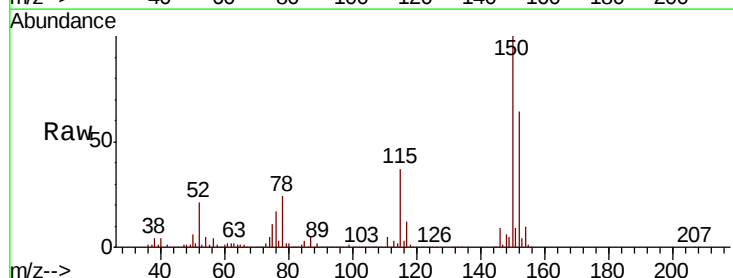
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

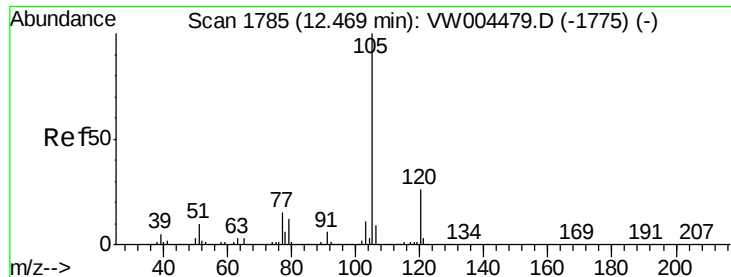
Tgt Ion:173 Resp: 85785
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion:152 Resp: 590583
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 164.2 0.0 349.6





#73

Isopropylbenzene

Concen: 19.318 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

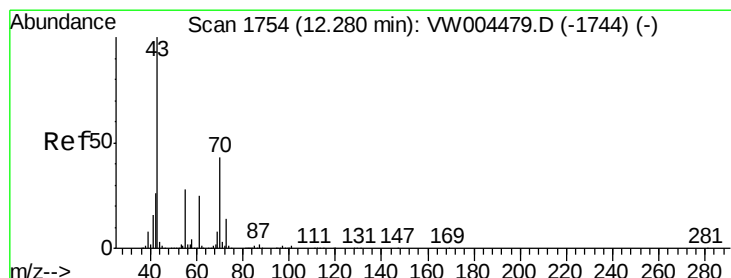
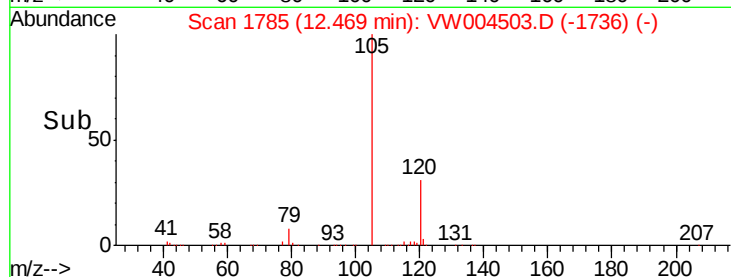
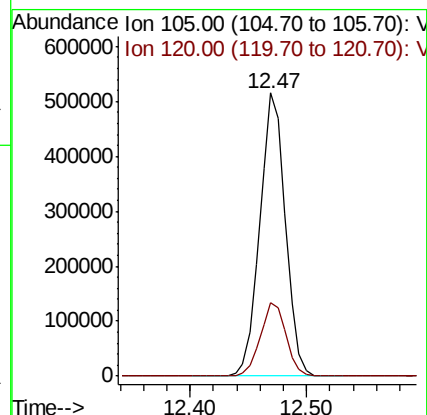
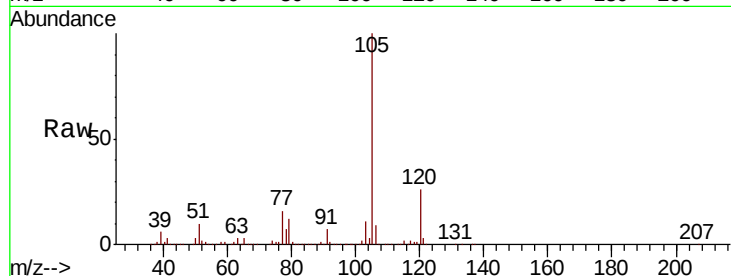
VW0808SBS01

Tgt Ion: 105 Resp: 789136

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 18.209 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion: 43 Resp: 180368

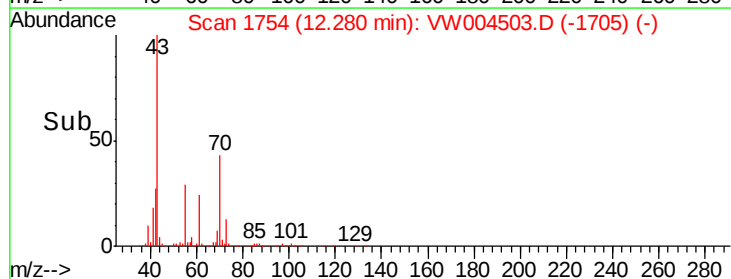
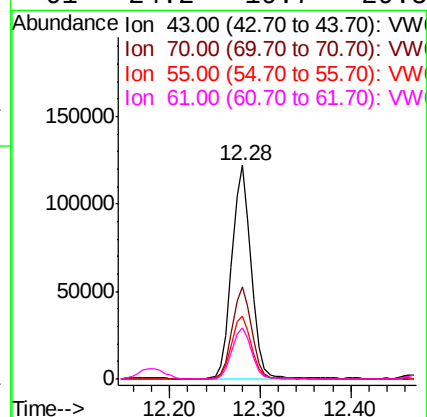
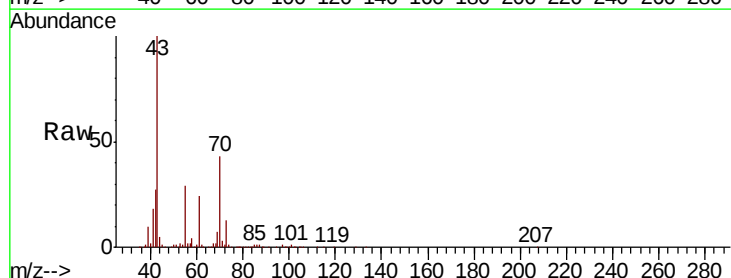
Ion Ratio Lower Upper

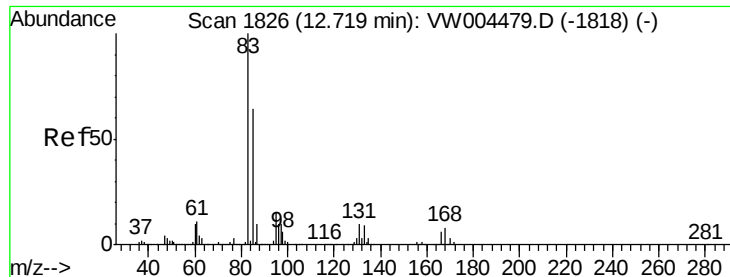
43 100

70 43.4 35.3 52.9

55 31.2 22.9 34.3

61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.180 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

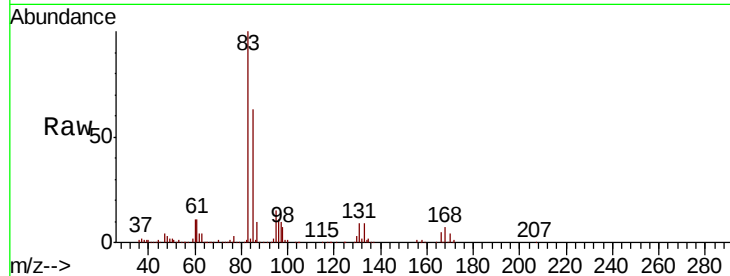
Tgt Ion: 83 Resp: 163557

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

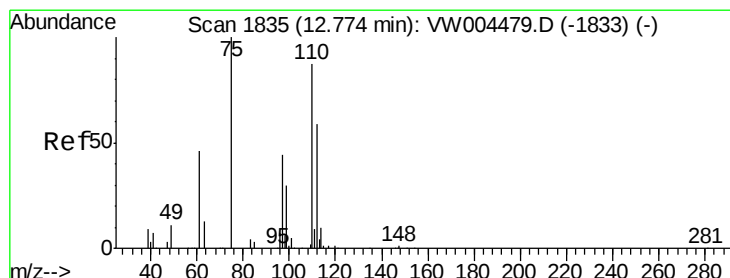
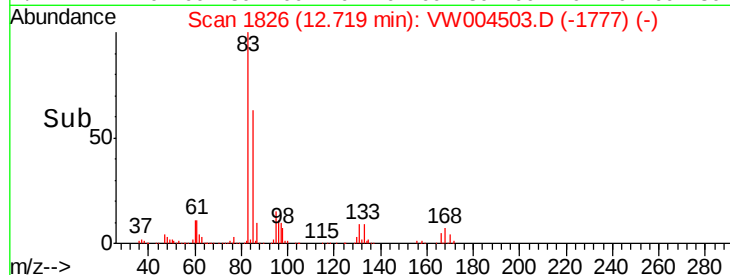
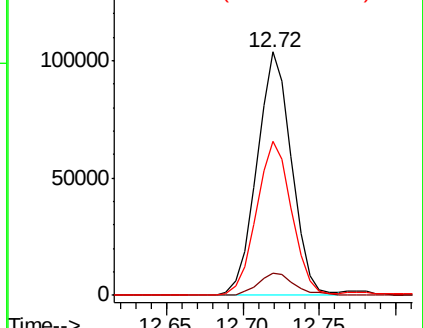
85 64.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.487 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004503.D

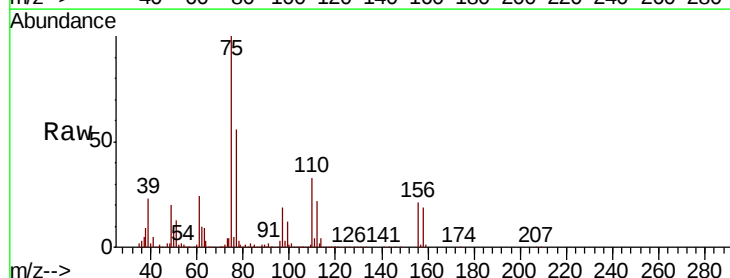
Acq: 07 Aug 2018 20:20

Tgt Ion: 75 Resp: 204644

Ion Ratio Lower Upper

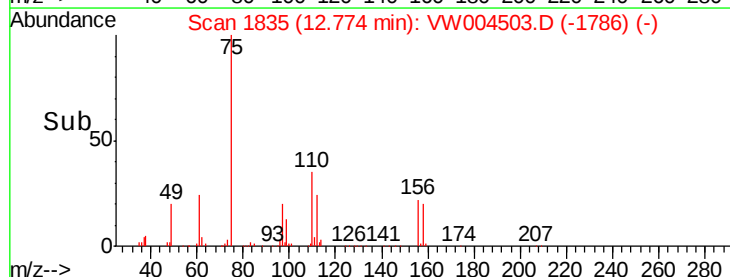
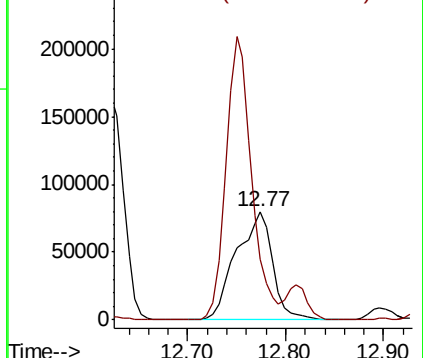
75 100

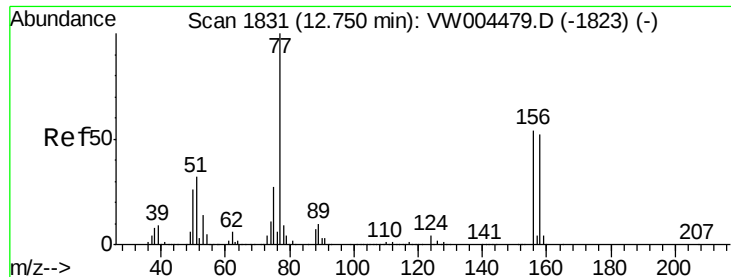
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

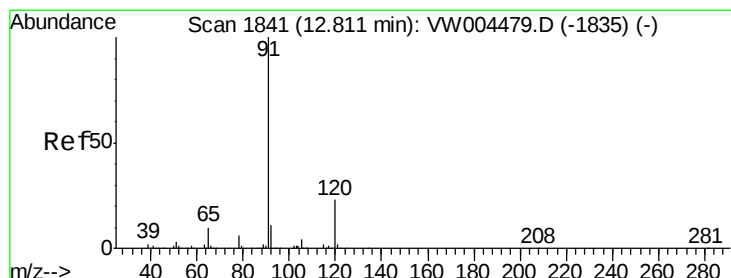
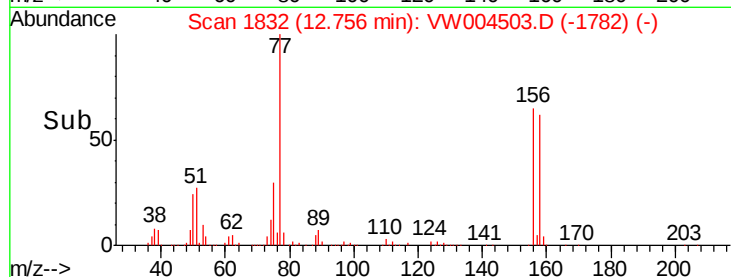
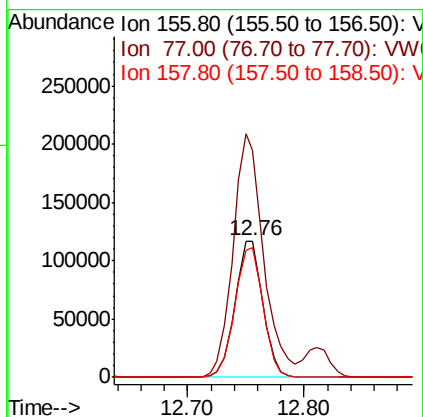
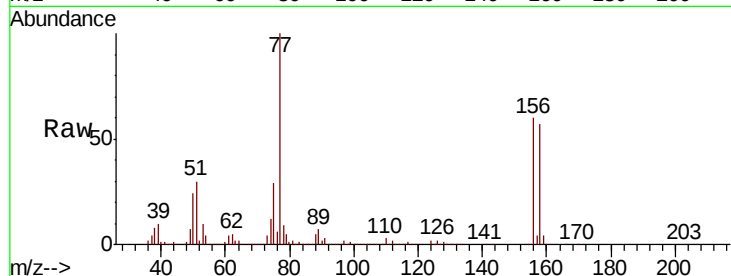




#77
Bromobenzene
Concen: 19.647 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

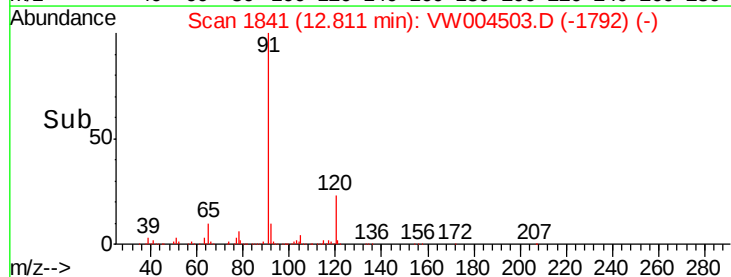
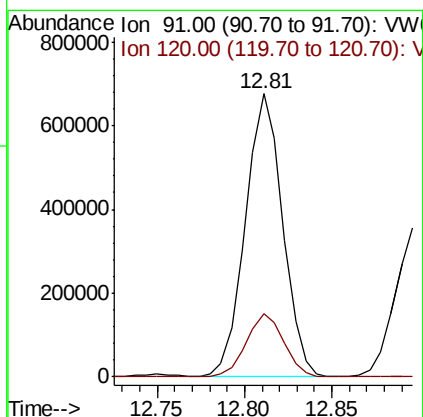
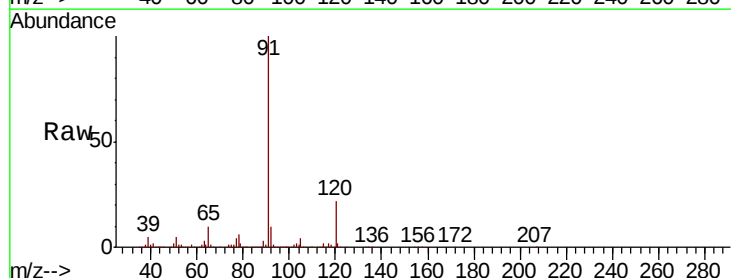
Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

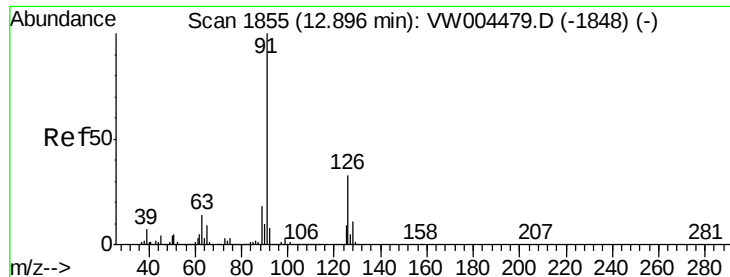
Tgt Ion:156 Resp: 194184
Ion Ratio Lower Upper
156 100
77 195.5 98.7 296.1
158 96.6 48.7 146.1



#78
n-propylbenzene
Concen: 19.850 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion: 91 Resp: 1000553
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.842 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

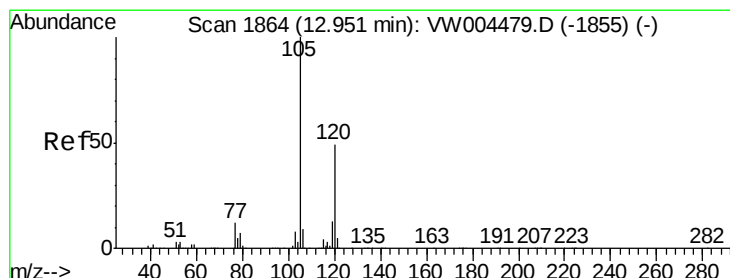
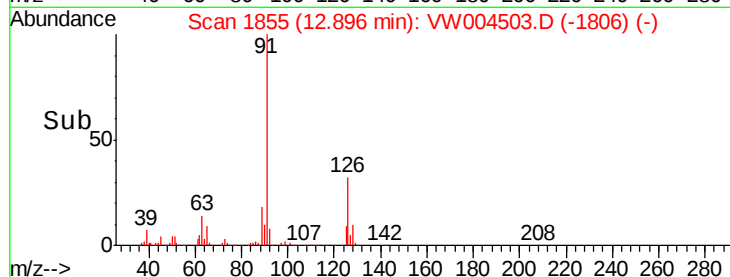
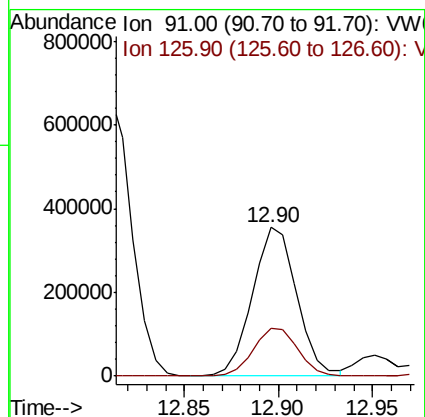
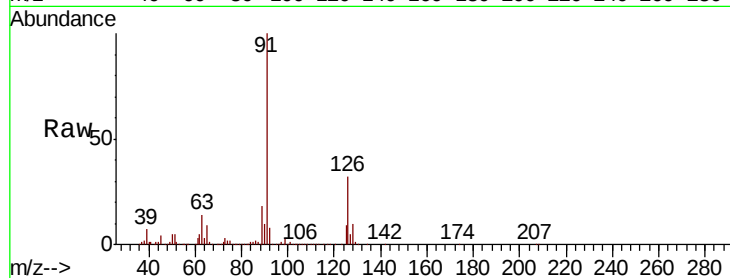
VW0808SBS01

Tgt Ion: 91 Resp: 578805

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 19.894 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004503.D

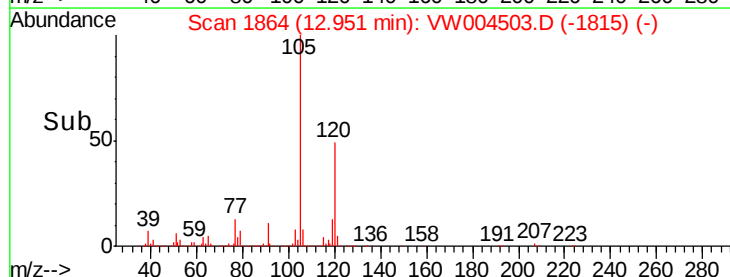
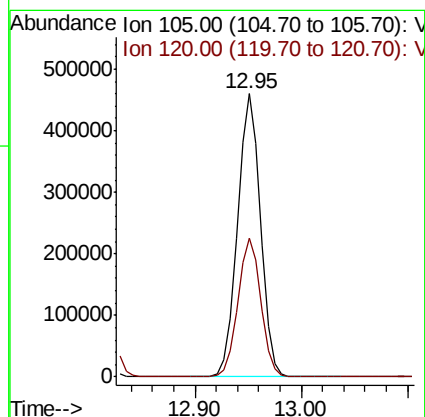
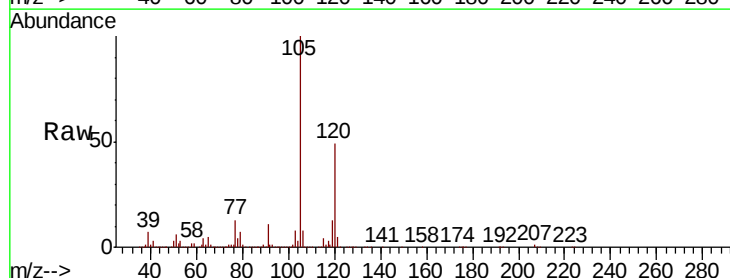
Acq: 07 Aug 2018 20:20

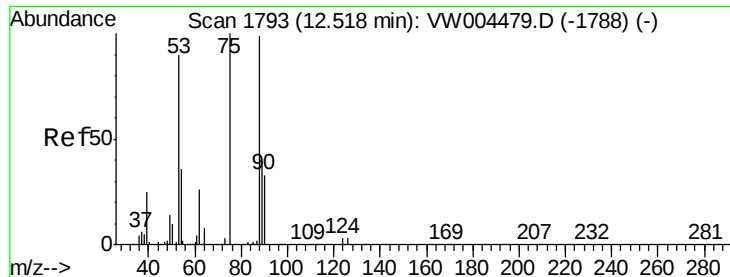
Tgt Ion: 105 Resp: 693247

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.560 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

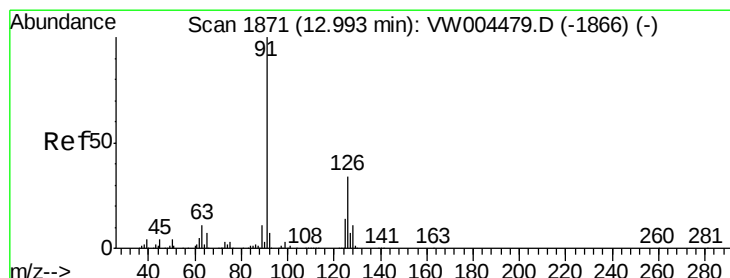
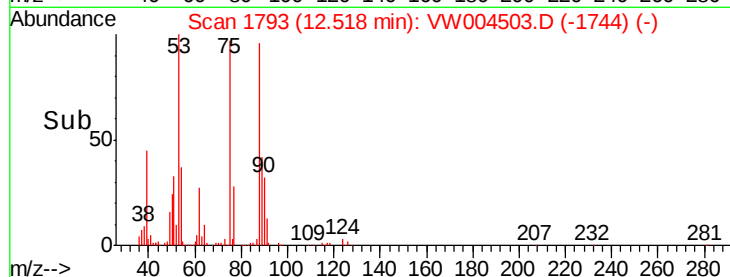
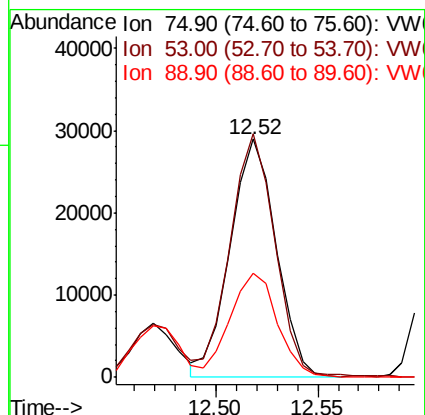
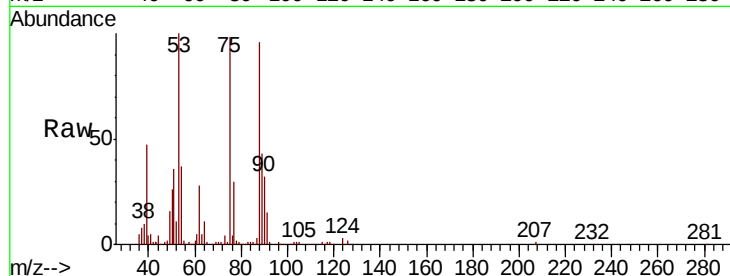
Tgt Ion: 75 Resp: 44829

Ion Ratio Lower Upper

75 100

53 101.7 74.4 111.6

89 45.4 35.9 53.9



#82

4-Chlorotoluene

Concen: 20.138 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004503.D

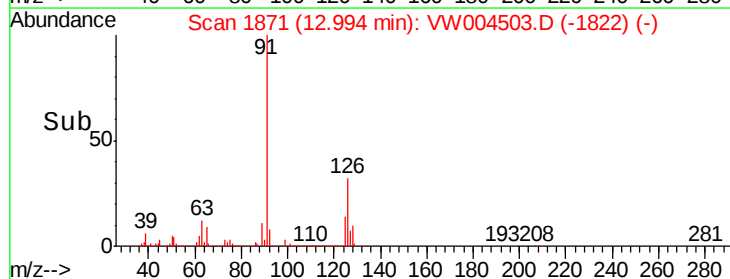
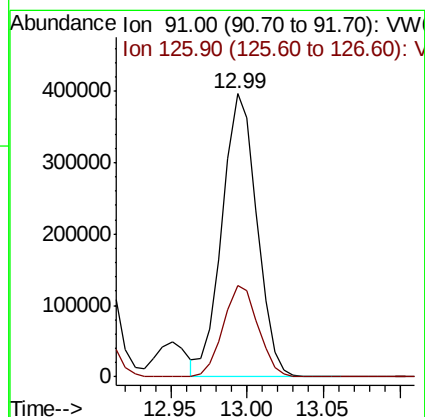
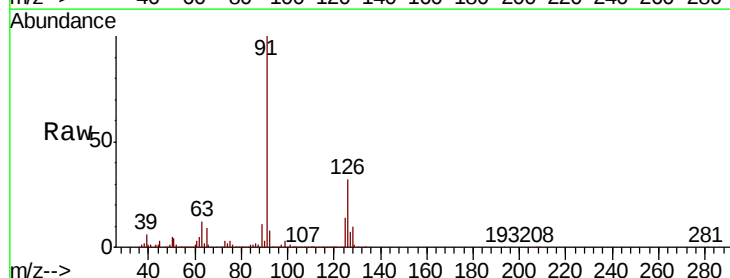
Acq: 07 Aug 2018 20:20

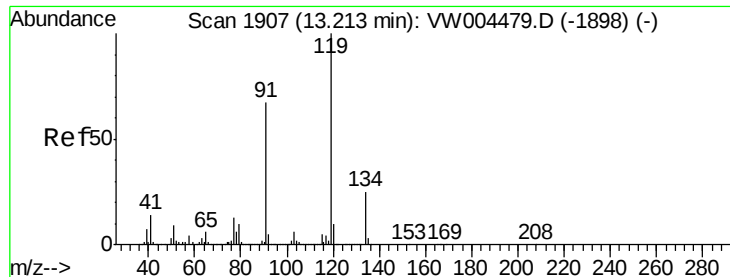
Tgt Ion: 91 Resp: 623434

Ion Ratio Lower Upper

91 100

126 32.6 16.5 49.5

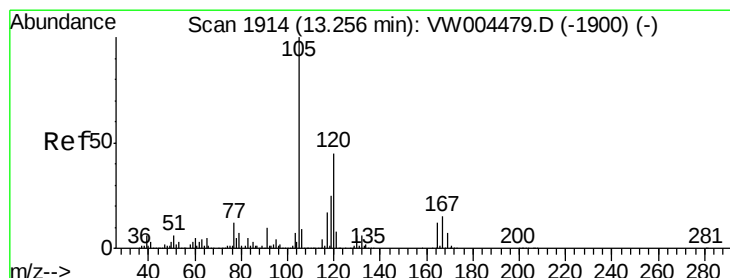
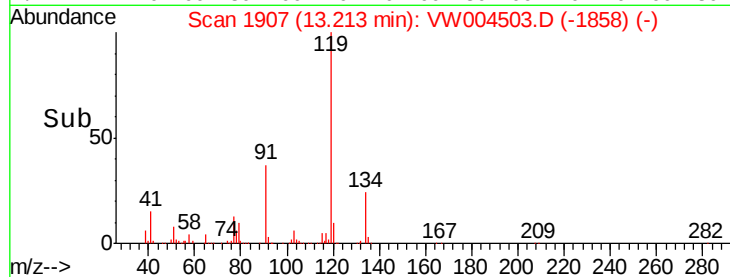
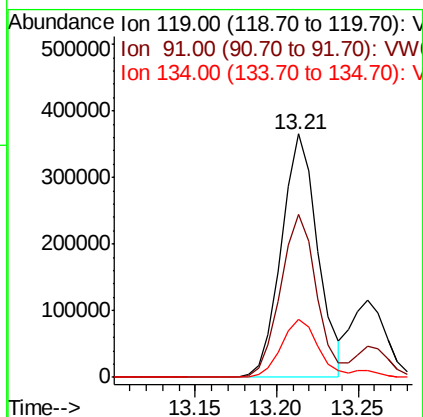
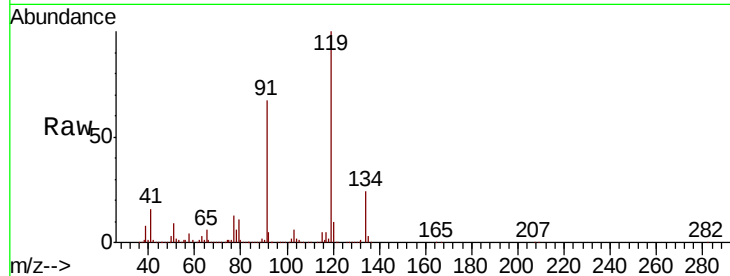




#83
 tert-Butylbenzene
 Concen: 19.286 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

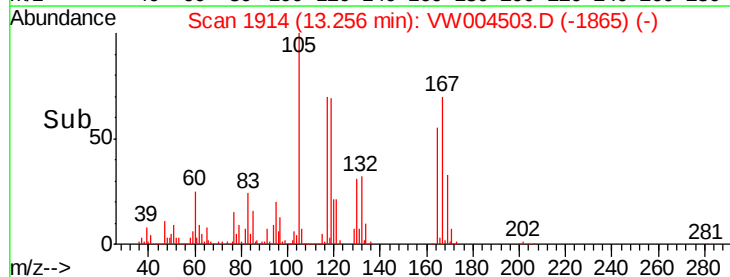
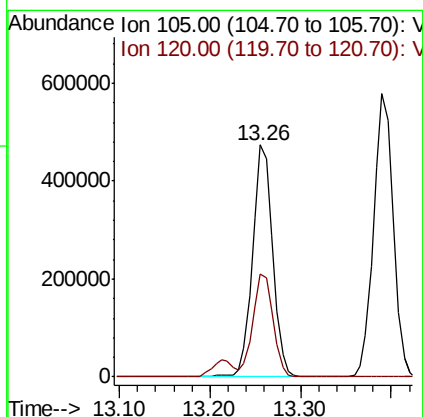
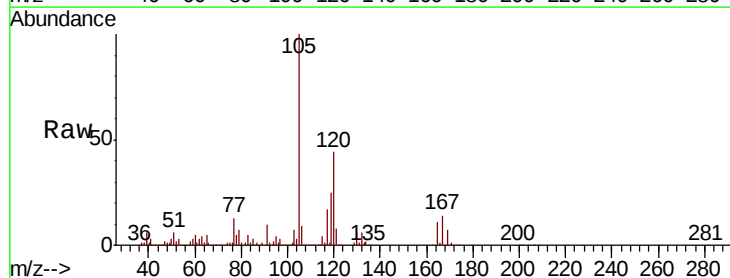
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

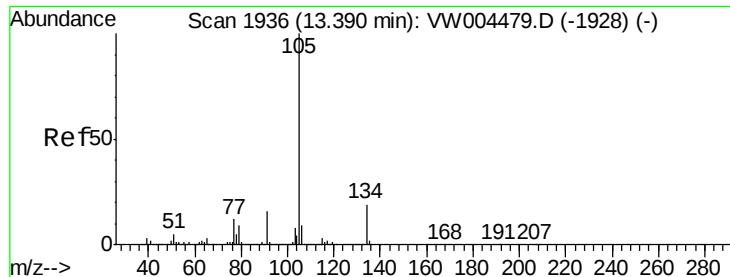
Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.0	33.3	99.8
134	24.3	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.131 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.8

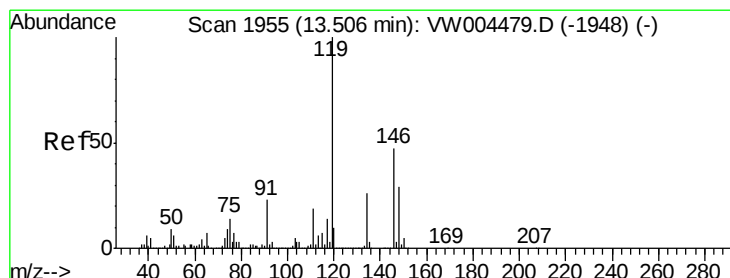
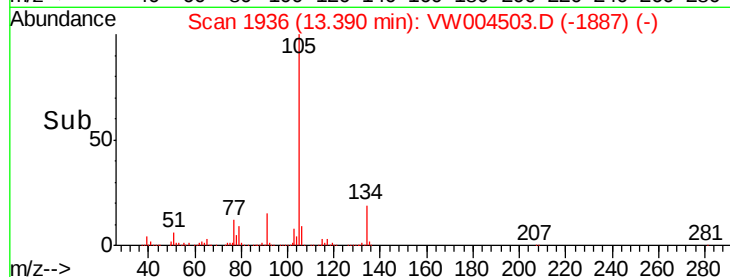
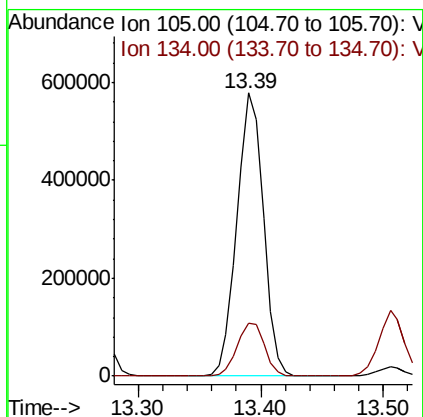
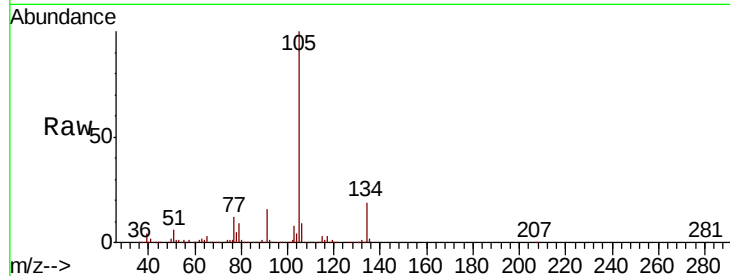




#85
 sec-Butylbenzene
 Concen: 19.654 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

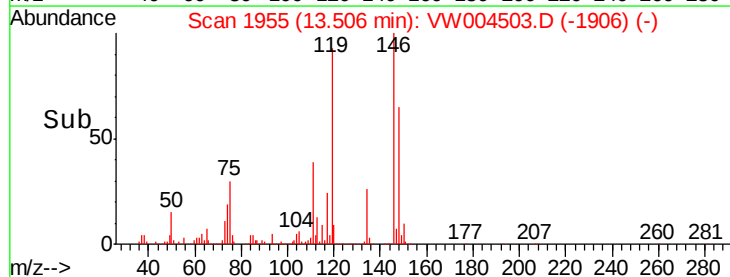
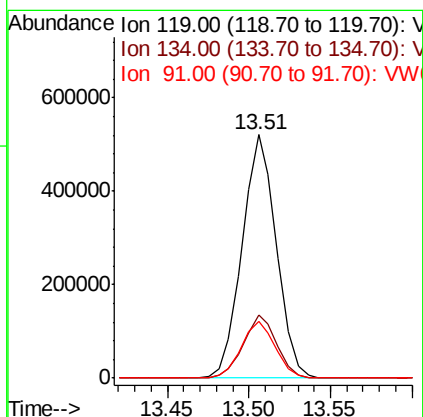
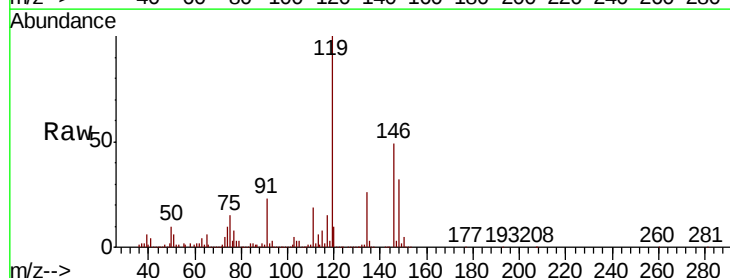
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

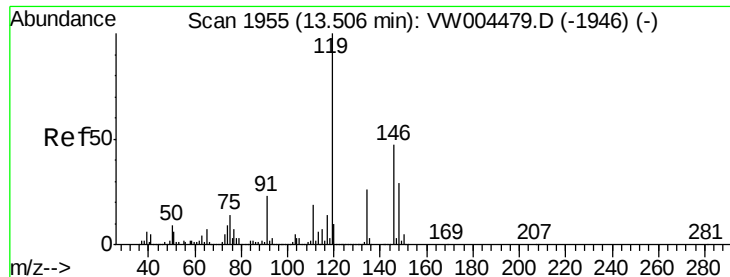
Tgt Ion:105 Resp: 866630
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.795 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion:119 Resp: 756380
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.619 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

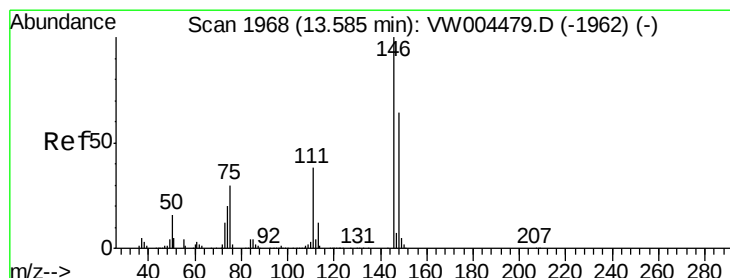
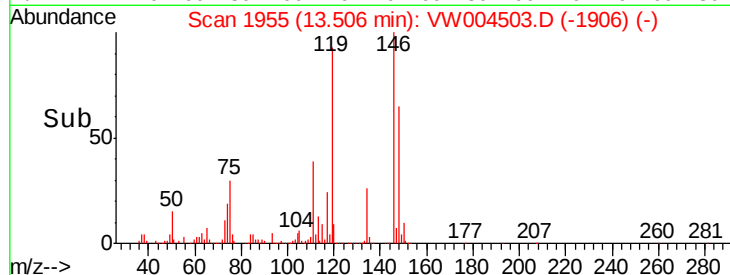
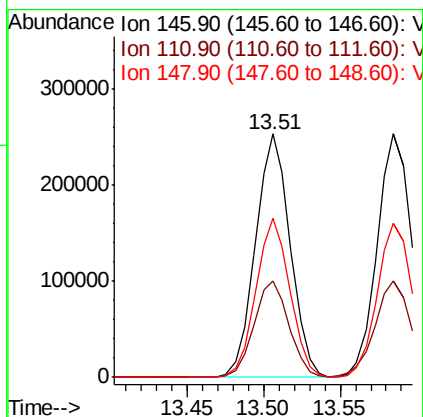
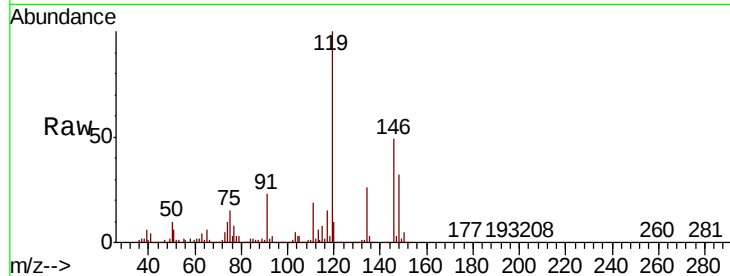
Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion:146 Resp: 399531

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.1	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 19.613 ug/l

RT: 13.59 min Scan# 1968

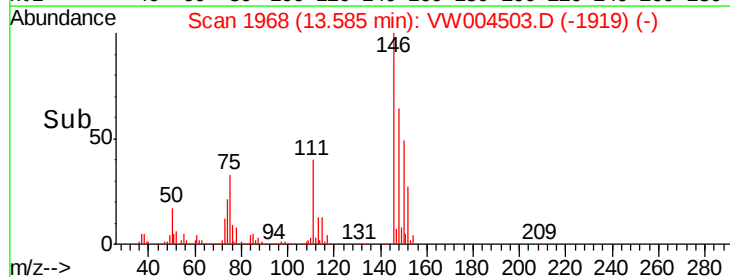
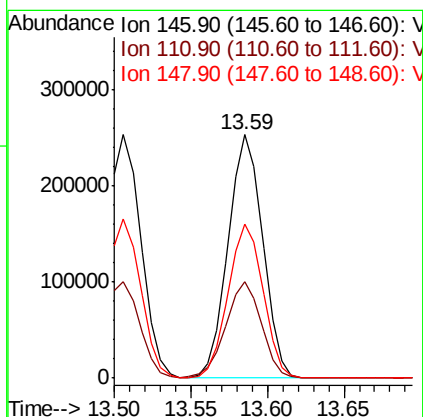
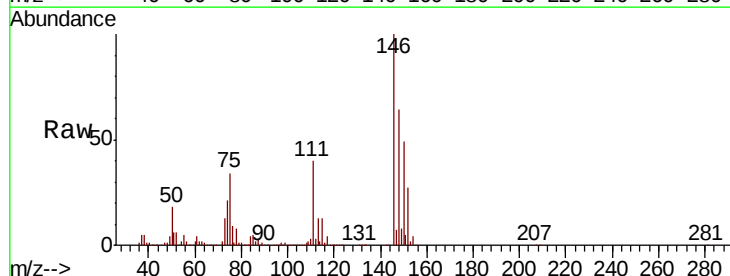
Delta R.T. 0.00 min

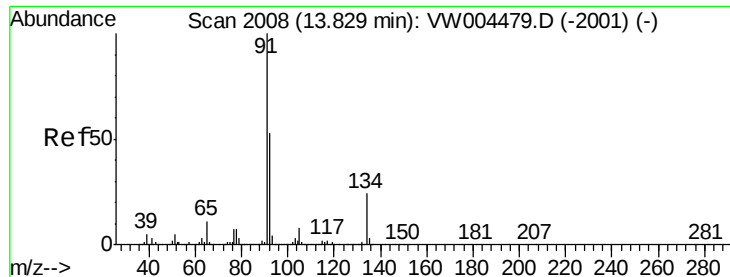
Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:146 Resp: 397613

Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.8
148	64.1	31.9	95.5





#89

n-Butylbenzene

Concen: 19.375 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

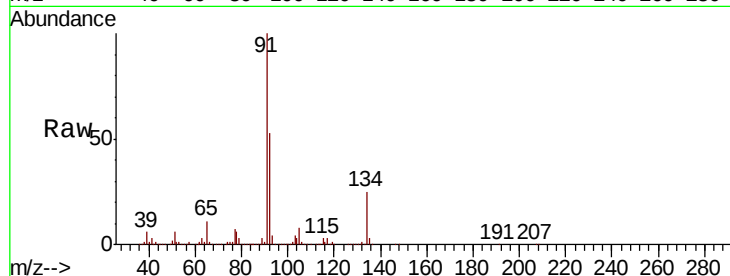
Tgt Ion: 91 Resp: 727378

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

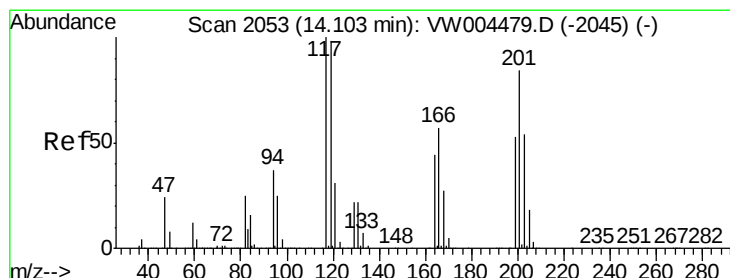
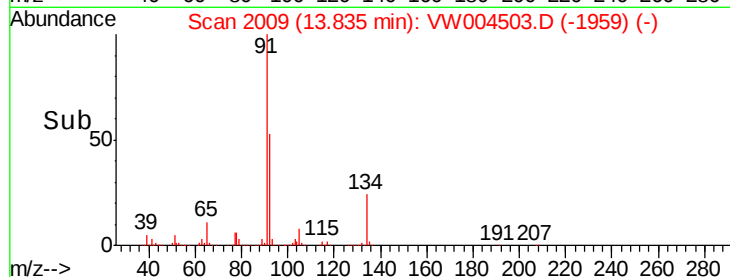
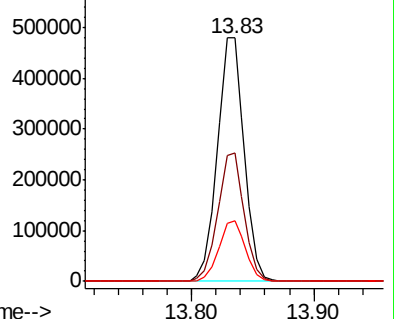
134 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.896 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004503.D

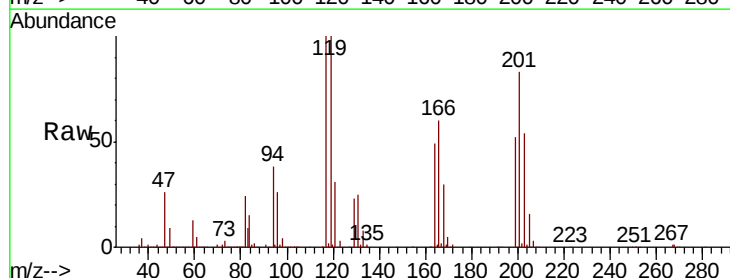
Acq: 07 Aug 2018 20:20

Tgt Ion: 117 Resp: 133582

Ion Ratio Lower Upper

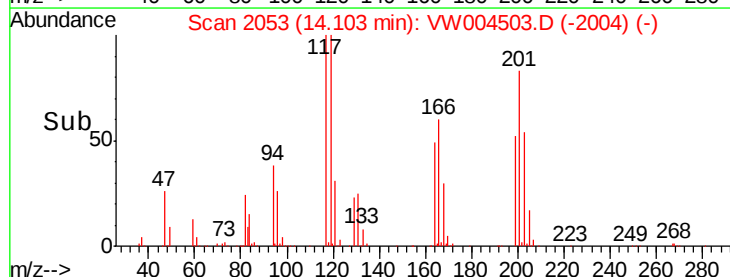
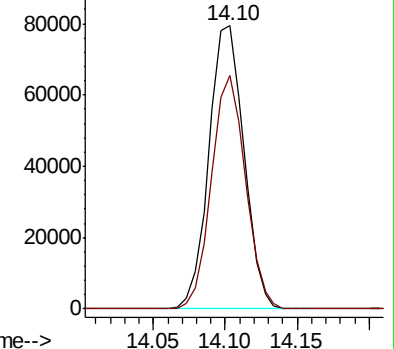
117 100

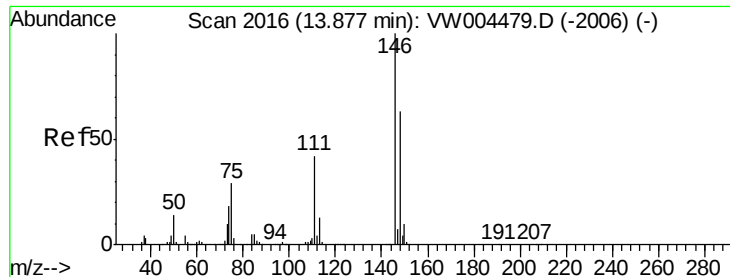
201 80.4 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.674 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

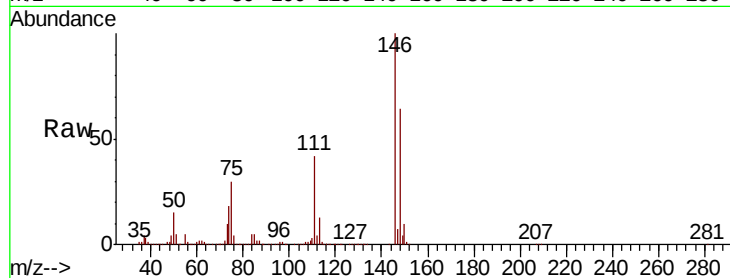
Tgt Ion:146 Resp: 363498

Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.2

148 64.0 31.8 95.4

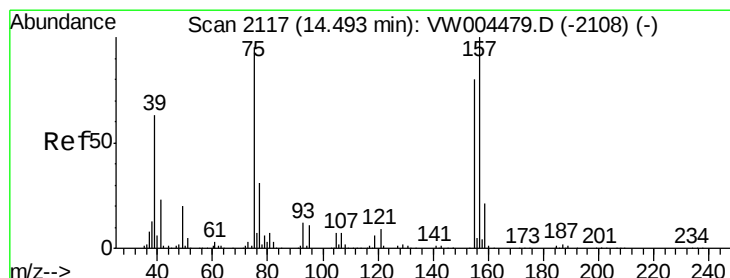
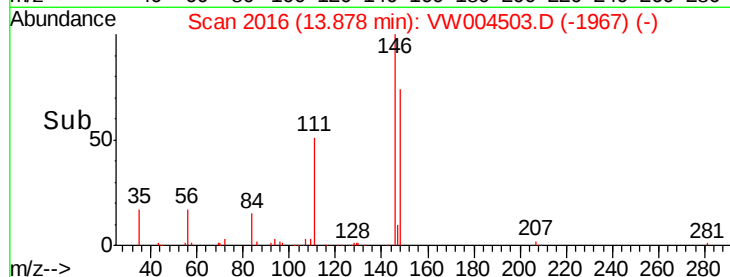
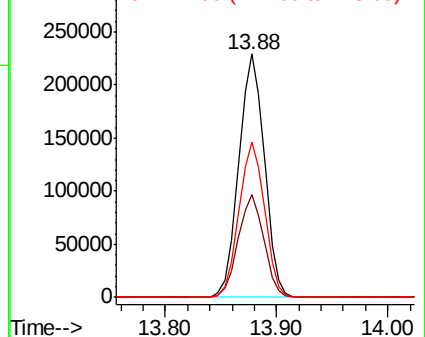


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.400 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

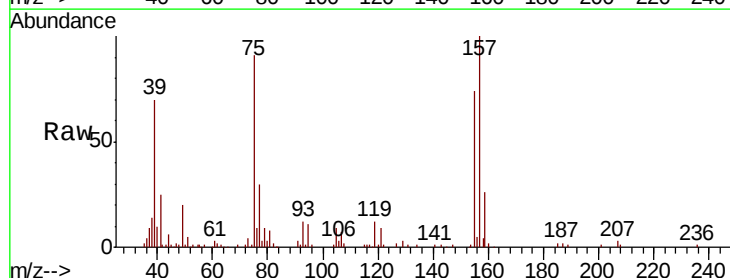
Tgt Ion: 75 Resp: 24246

Ion Ratio Lower Upper

75 100

155 84.5 41.3 123.7

157 108.3 52.6 157.8

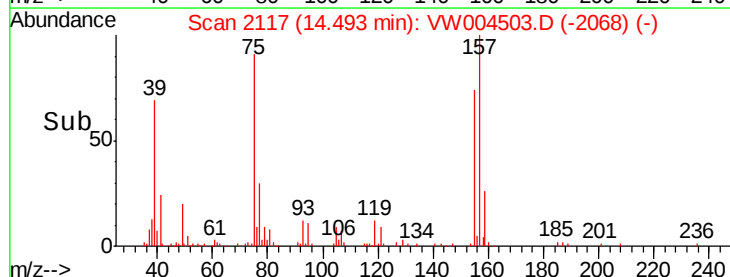
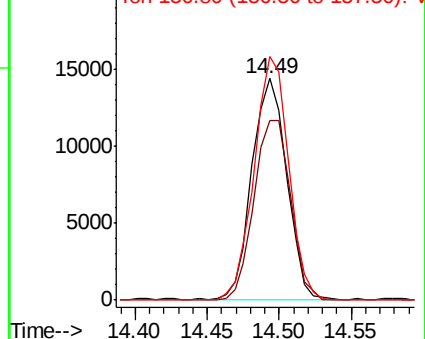


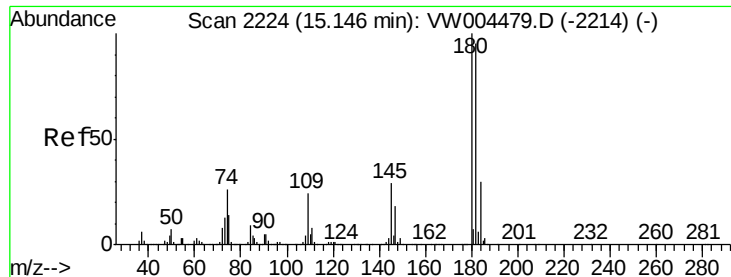
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

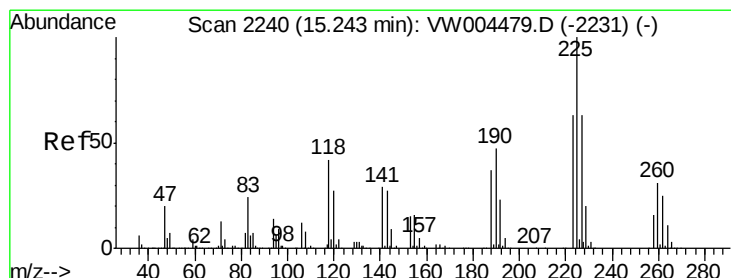
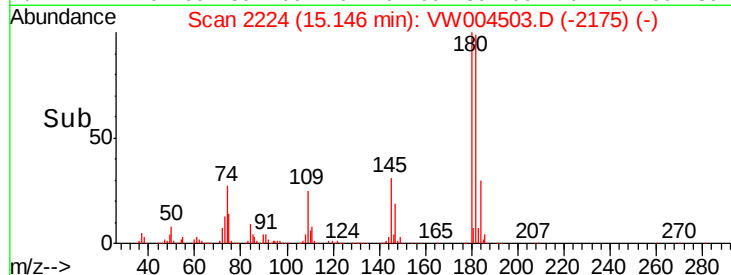
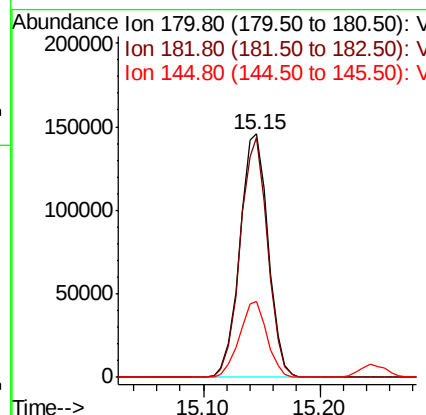
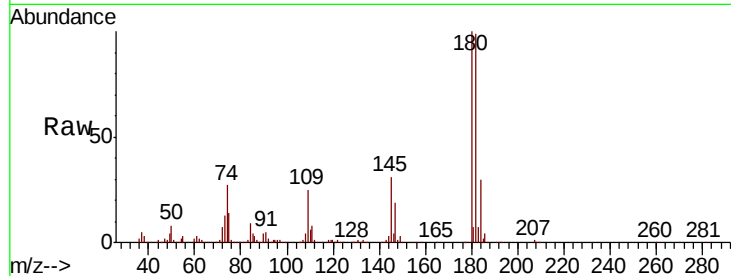




#93
 1,2,4-Trichlorobenzene
 Concen: 19.267 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

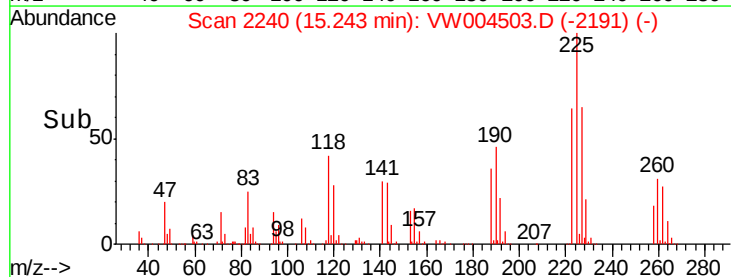
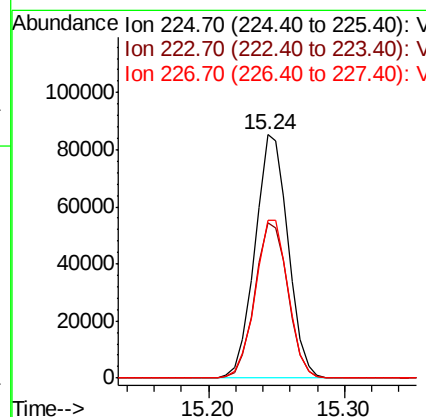
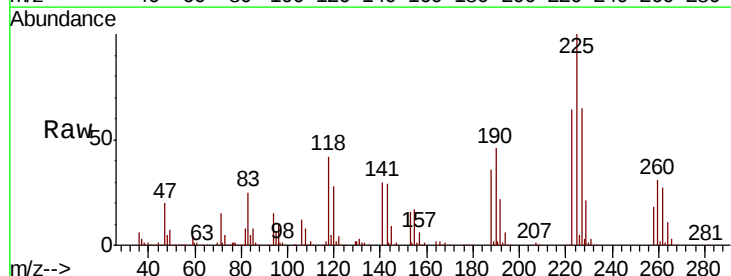
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

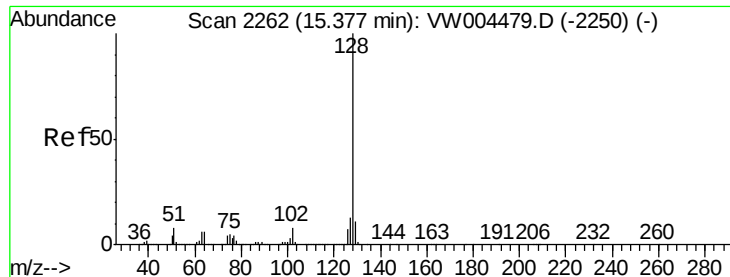
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	30.4	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 19.501 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.3	93.8
227	64.6	31.8	95.4

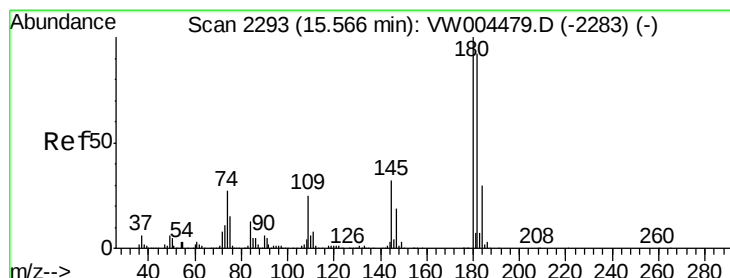
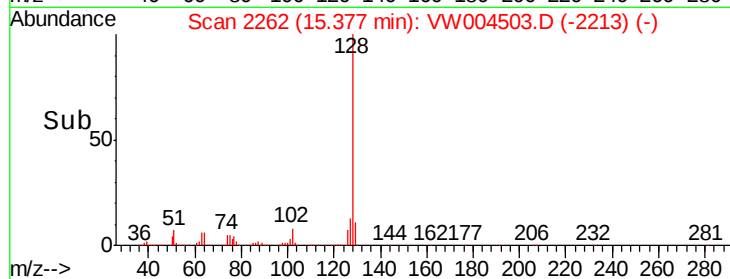
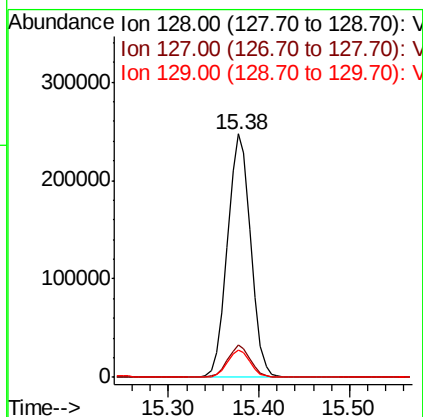
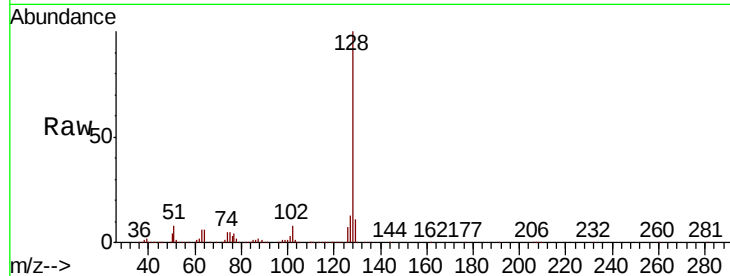




#95
Naphthalene
Concen: 18.508 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion:128 Resp: 437127
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.329 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion:180 Resp: 222181
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.2
145 32.1 15.9 47.6

