

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004535.D
 Acq On : 08 Aug 2018 19:00
 Operator : SY/AP
 Sample : VW0810SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Quant Time: Aug 09 05:14:41 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	705788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1096469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1029351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	553434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	372198	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	7.88	113	351289	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.33	98	1387326	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	498688	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	106993	22.090	ug/l	96
3) Chloromethane	2.22	50	128373	19.024	ug/l	100
4) Vinyl Chloride	2.37	62	193415	20.519	ug/l	96
5) Bromomethane	2.78	94	109917	20.026	ug/l	100
6) Chloroethane	2.93	64	111870	19.862	ug/l	99
7) Trichlorofluoromethane	3.25	101	70584	20.274	ug/l	99
8) Diethyl Ether	3.67	74	84244	19.129	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	158051	20.554	ug/l	99
10) Methyl Iodide	4.27	142	226133	19.600	ug/l	99
11) Tert butyl alcohol	5.21	59	38672	84.537	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	153751	19.865	ug/l	97
13) Acrolein	3.89	56	52904	94.388	ug/l	98
14) Allyl chloride	4.66	41	228652	19.663	ug/l	98
15) Acrylonitrile	5.37	53	179257	91.591	ug/l	99
16) Acetone	4.14	43	194082	99.471	ug/l	99
17) Carbon Disulfide	4.38	76	500561	20.124	ug/l	98
18) Methyl Acetate	4.68	43	86146	17.706	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	193537	18.332	ug/l	99
20) Methylene Chloride	4.91	84	224656	17.883	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	162728	19.509	ug/l	97
22) Diisopropyl ether	6.31	45	476695	19.948	ug/l	99
23) Vinyl Acetate	6.26	43	1341373	93.396	ug/l	99
24) 1,1-Dichloroethane	6.21	63	302456	19.773	ug/l	100
25) 2-Butanone	7.18	43	288476	91.914	ug/l	100
26) 2,2-Dichloropropane	7.17	77	161881	20.164	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	173258	19.307	ug/l	97
28) Bromochloromethane	7.51	49	132307	19.880	ug/l	99
29) Tetrahydrofuran	7.54	42	143951	88.719	ug/l	100
30) Chloroform	7.68	83	293527	19.537	ug/l	99
31) Cyclohexane	7.96	56	288448	19.709	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	222238	19.693	ug/l	98
36) 1,1-Dichloropropene	8.08	75	238066	20.165	ug/l	100
37) Ethyl Acetate	7.26	43	103662	18.748	ug/l	99
38) Carbon Tetrachloride	8.07	117	212087	19.964	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	277788	19.196	ug/l	98
40) Benzene	8.32	78	690647	19.921	ug/l	99
41) Methacrylonitrile	7.49	41	54505	17.649	ug/l	95
42) 1,2-Dichloroethane	8.40	62	186308	19.424	ug/l	100
43) Isopropyl Acetate	8.43	43	172417	17.889	ug/l	98
44) Trichloroethene	9.09	130	167132	19.619	ug/l	96
45) 1,2-Dichloropropane	9.37	63	172255	19.840	ug/l	100
46) Dibromomethane	9.46	93	85373	19.316	ug/l	99
47) Bromodichloromethane	9.65	83	202793	19.438	ug/l	95
48) Methyl methacrylate	9.44	41	81480	18.088	ug/l	99
49) 1,4-Dioxane	9.46	88	25088	372.056	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	610929	91.064	ug/l	98
52) Toluene	10.39	92	414041	20.253	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	194031	18.522	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	235788	19.314	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	121208	19.133	ug/l	100
56) Ethyl methacrylate	10.65	69	135529	17.869	ug/l	99
57) 1,3-Dichloropropane	10.93	76	211106	19.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	353439	93.553	ug/l	99
59) 2-Hexanone	10.98	43	414265	91.075	ug/l	97
60) Dibromochloromethane	11.13	129	130062	18.876	ug/l	99
61) 1,2-Dibromoethane	11.24	107	111935	18.807	ug/l	99
64) Tetrachloroethene	10.87	164	140872	19.618	ug/l	98
65) Chlorobenzene	11.66	112	447716	19.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	150030	19.426	ug/l	99
67) Ethyl Benzene	11.74	91	760713	19.782	ug/l	97
68) m/p-Xylenes	11.85	106	606136	40.785	ug/l	98
69) o-Xylene	12.17	106	272438	19.767	ug/l	100
70) Styrene	12.19	104	464615	19.952	ug/l	100
71) Bromoform	12.35	173	79497	18.724	ug/l #	98
73) Isopropylbenzene	12.47	105	752754	19.664	ug/l	100
74) N-amyl acetate	12.28	43	167194	18.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	152077	19.031	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	189008	33.004	ug/l #	100
77) Bromobenzene	12.75	156	181618	19.610	ug/l	98
78) n-propylbenzene	12.81	91	955248	20.223	ug/l	100
79) 2-Chlorotoluene	12.90	91	547552	20.031	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	658413	20.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43457	18.165	ug/l	95
82) 4-Chlorotoluene	12.99	91	587379	20.247	ug/l	99
83) tert-Butylbenzene	13.21	119	540221	19.723	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	681439	20.158	ug/l	100
85) sec-Butylbenzene	13.39	105	825797	19.985	ug/l	100
86) p-Isopropyltoluene	13.51	119	716255	20.004	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	377134	19.762	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	373086	19.639	ug/l	99
89) n-Butylbenzene	13.83	91	699895	19.894	ug/l	99
90) Hexachloroethane	14.10	117	126866	19.150	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	337769	19.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23930	18.326	ug/l	94

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QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration

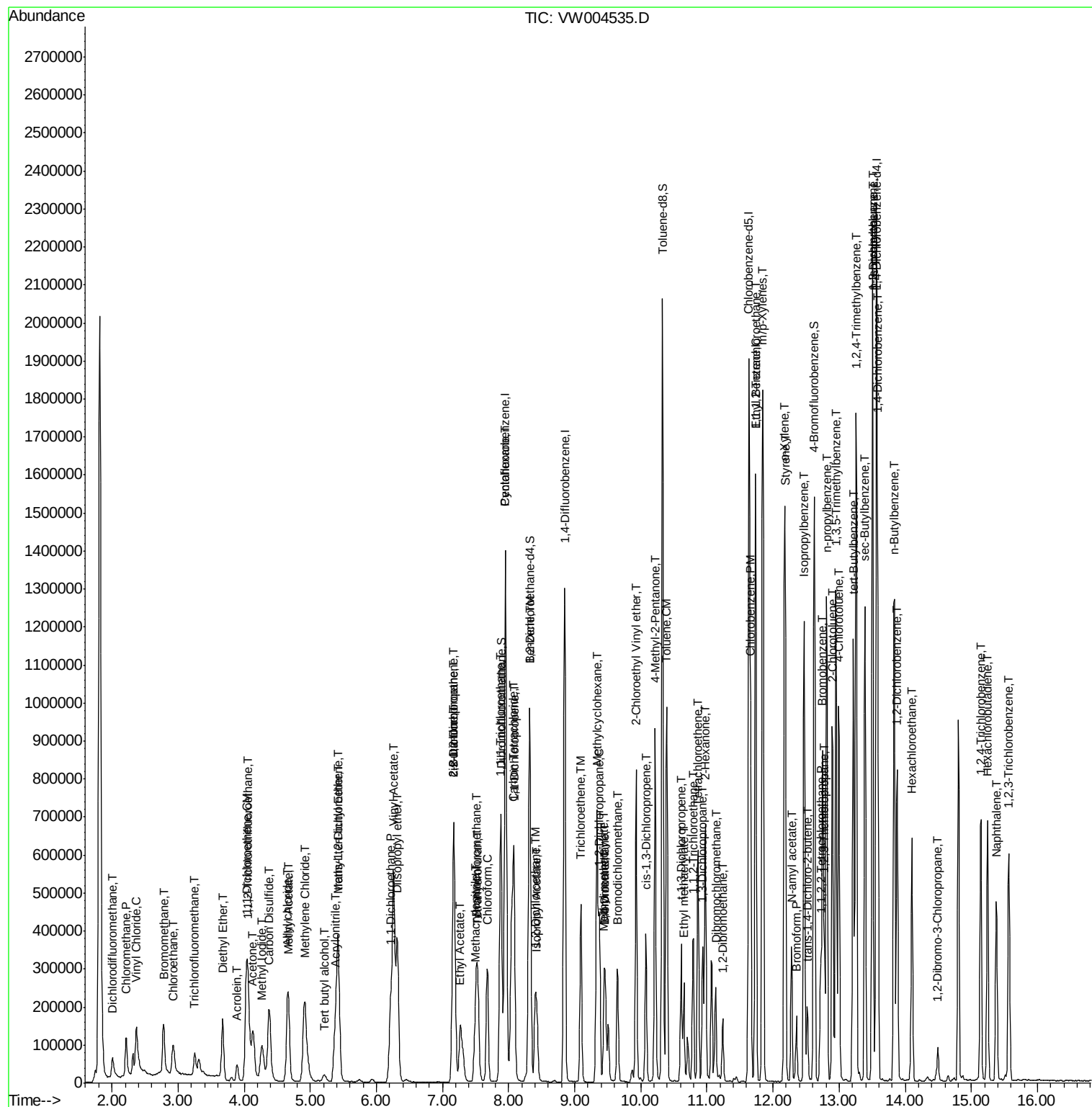
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	233065	19.443	ug/l	100
94) Hexachlorobutadiene	15.25	225	140622	20.147	ug/l	99
95) Naphthalene	15.38	128	406437	18.387	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	209758	19.473	ug/l	99

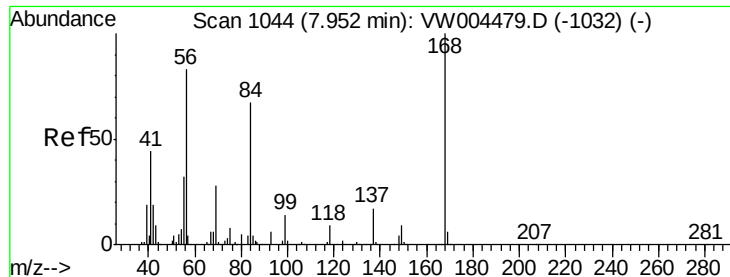
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

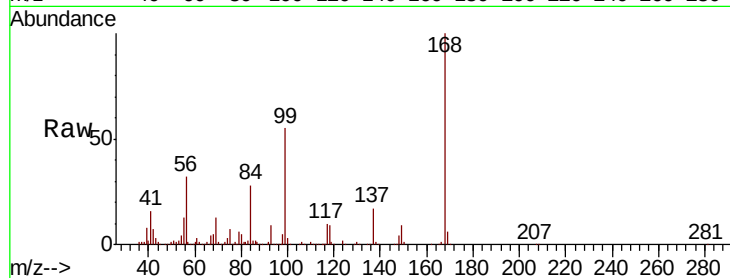
VW0810SBS01

Tgt Ion:168 Resp: 705788

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

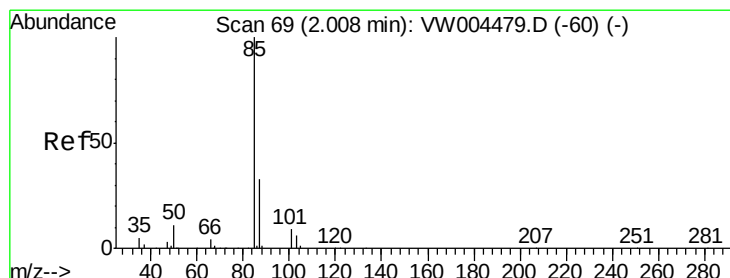
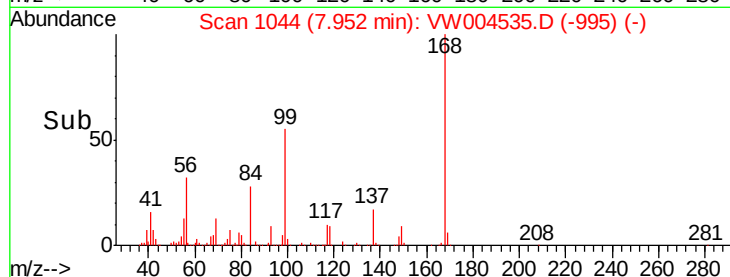
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.090 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004535.D

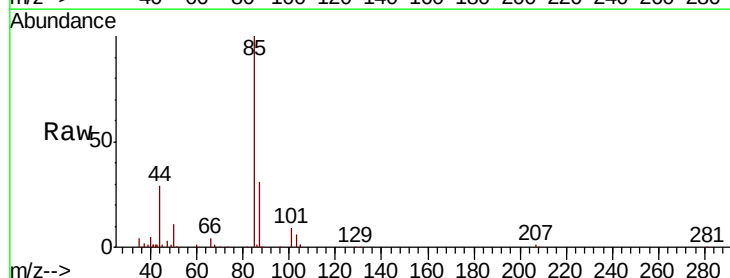
Acq: 08 Aug 2018 19:00

Tgt Ion: 85 Resp: 106993

Ion Ratio Lower Upper

85 100

87 30.9 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

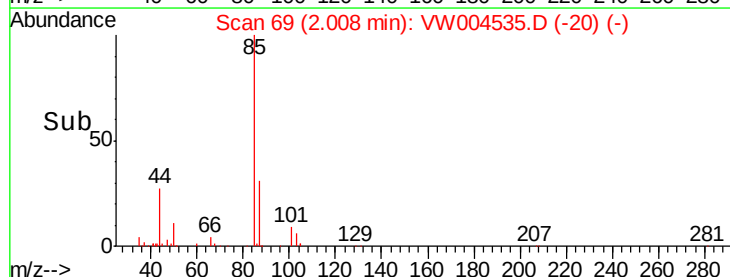
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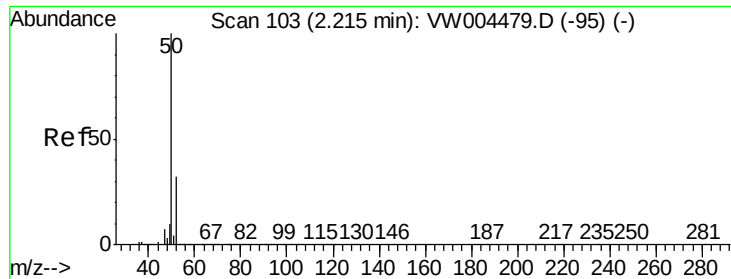
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.024 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

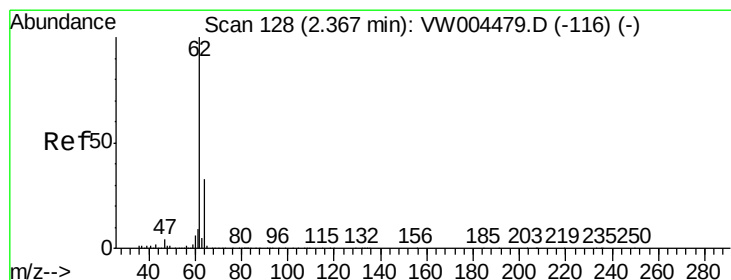
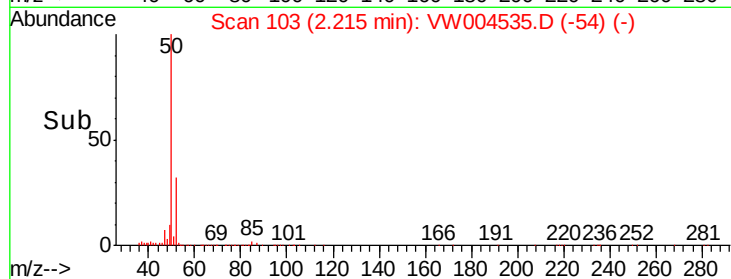
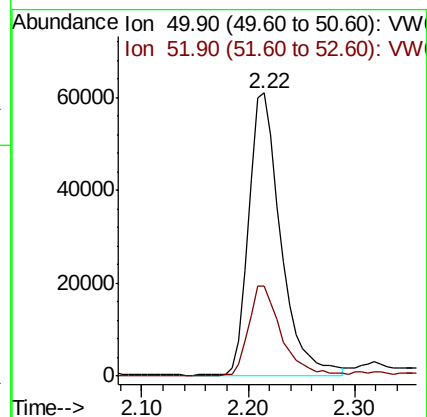
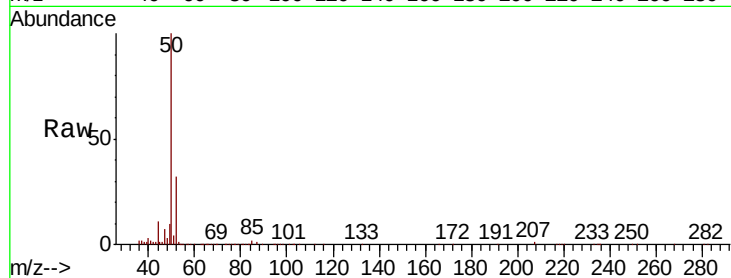
VW0810SBS01

Tgt Ion: 50 Resp: 128373

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.8



#4

Vinyl Chloride

Concen: 20.519 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004535.D

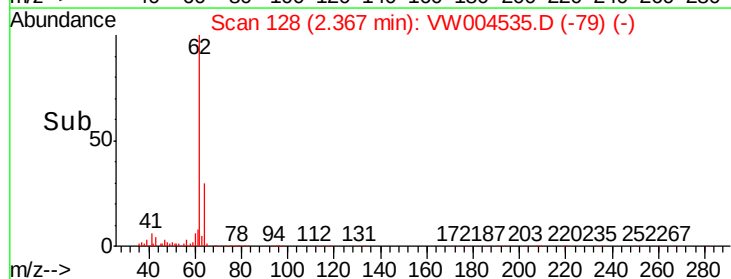
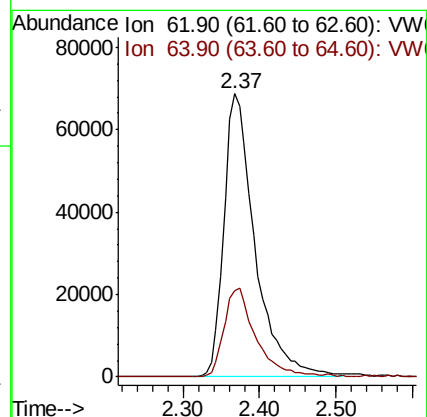
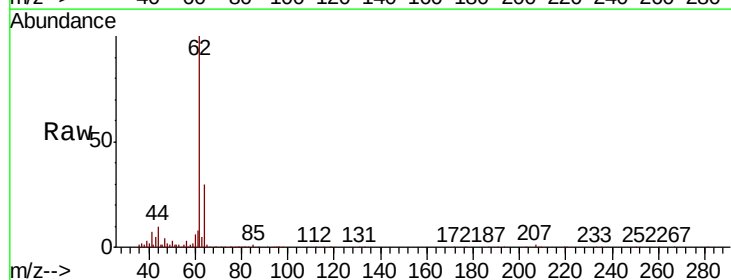
Acq: 08 Aug 2018 19:00

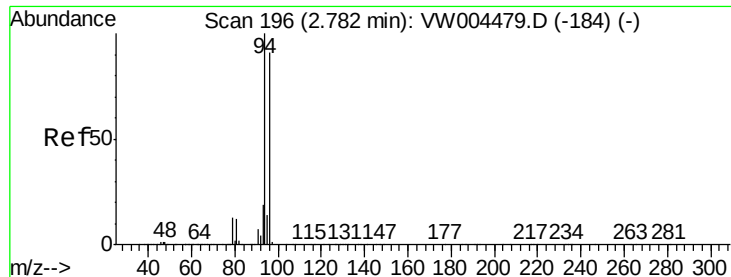
Tgt Ion: 62 Resp: 193415

Ion Ratio Lower Upper

62 100

64 30.3 26.2 39.2





#5

Bromomethane

Concen: 20.026 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

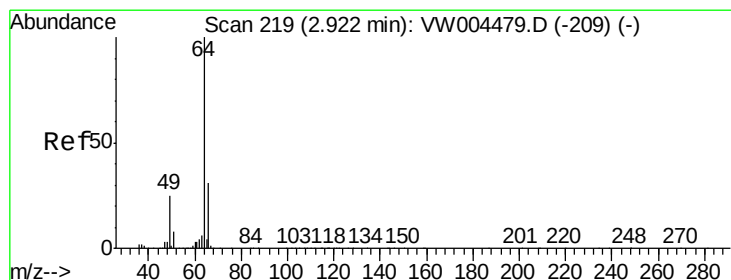
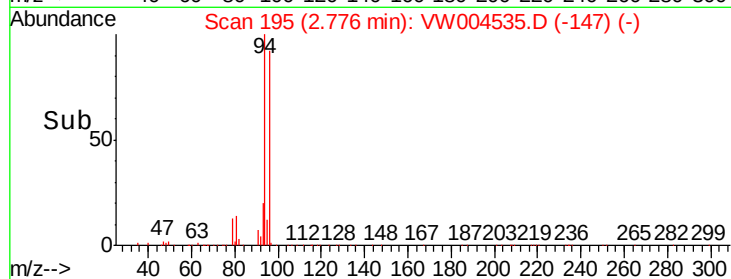
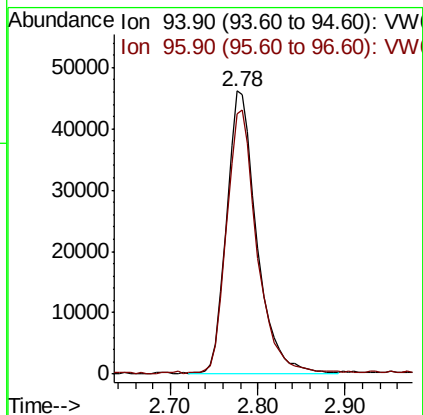
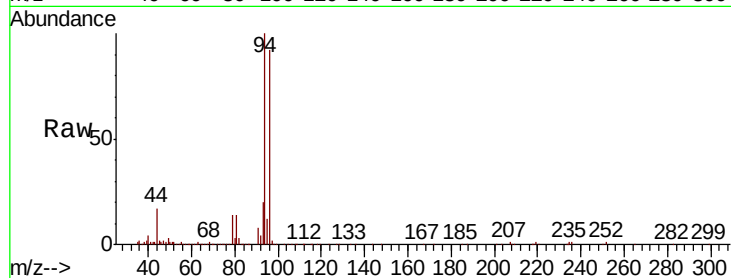
VW0810SBS01

Tgt Ion: 94 Resp: 109917

Ion Ratio Lower Upper

94 100

96 91.4 72.9 109.3



#6

Chloroethane

Concen: 19.862 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004535.D

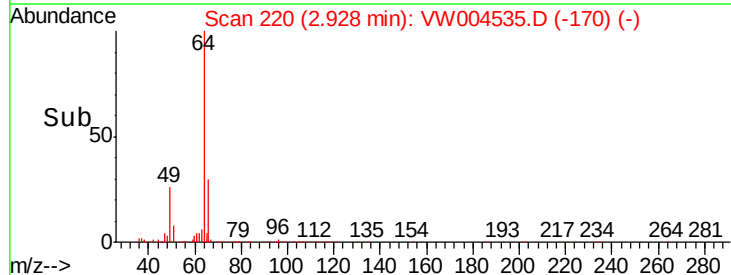
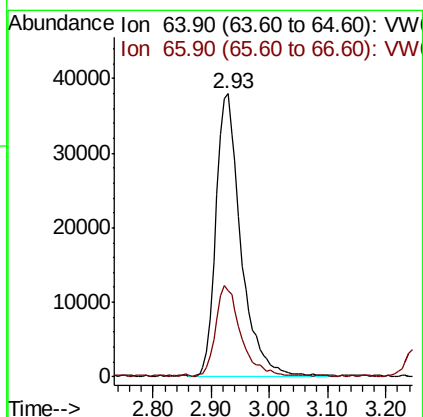
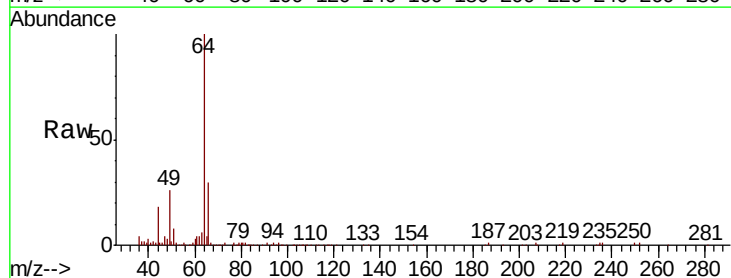
Acq: 08 Aug 2018 19:00

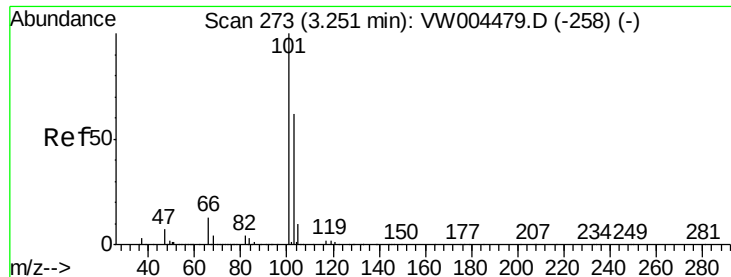
Tgt Ion: 64 Resp: 111870

Ion Ratio Lower Upper

64 100

66 30.2 24.6 36.8



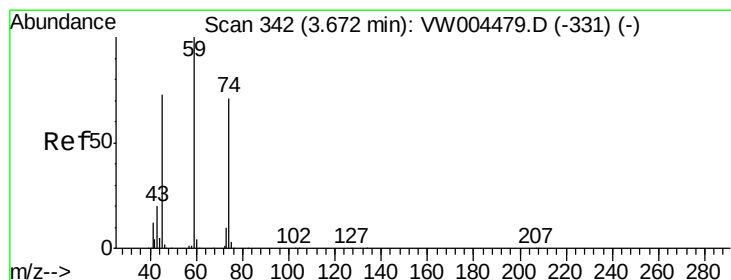
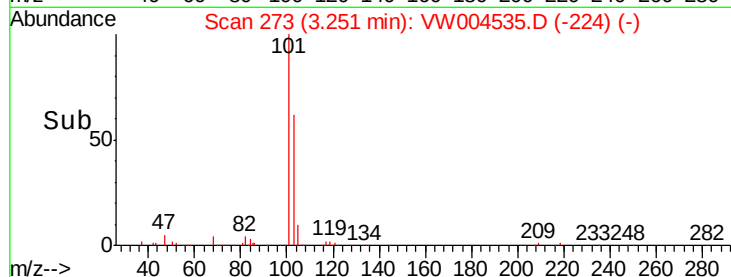
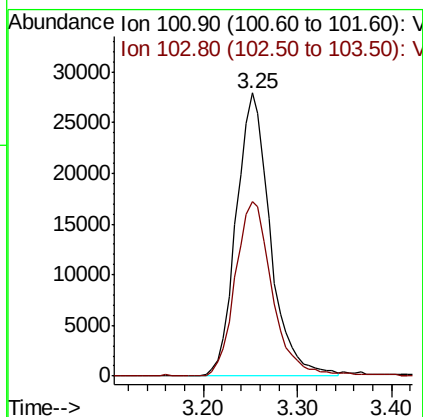
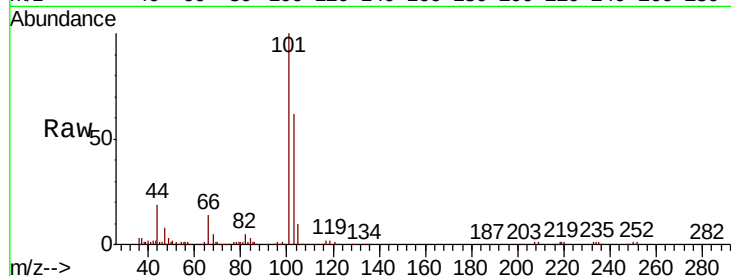


#7

Trichlorofluoromethane
Concen: 20.274 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

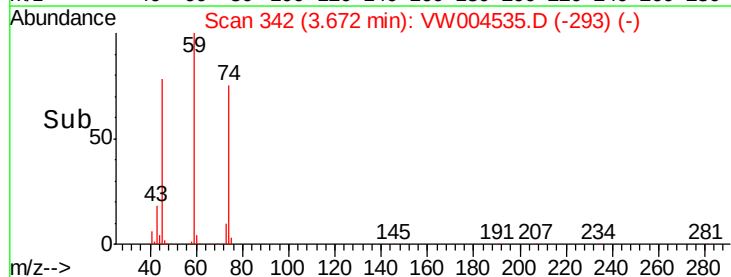
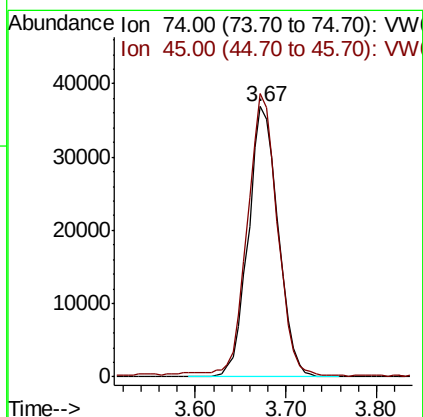
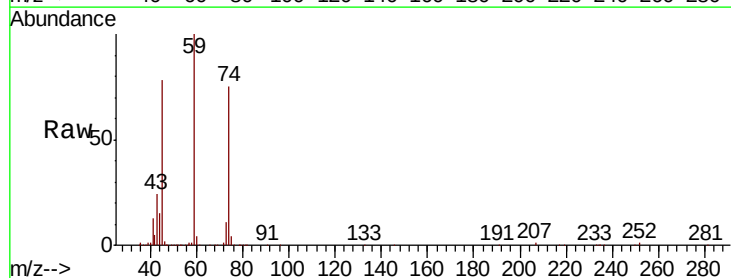
Tgt Ion: 101 Resp: 70584
Ion Ratio Lower Upper
101 100
103 61.7 49.8 74.8

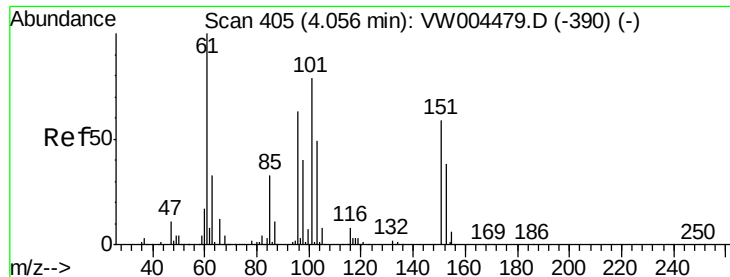


#8

Diethyl Ether
Concen: 19.129 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion: 74 Resp: 84244
Ion Ratio Lower Upper
74 100
45 104.5 51.2 153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.554 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

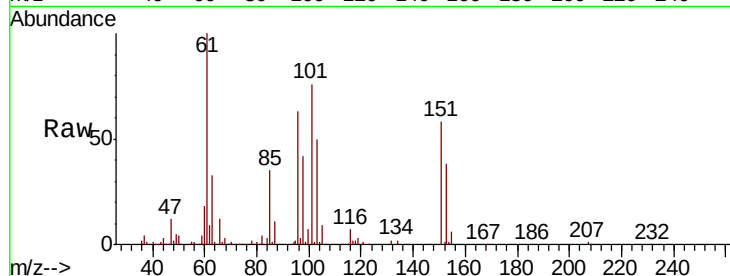
Tgt Ion:101 Resp: 158051

Ion Ratio Lower Upper

101 100

85 43.2 34.6 51.8

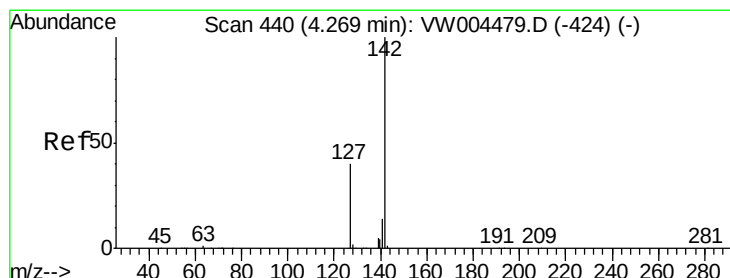
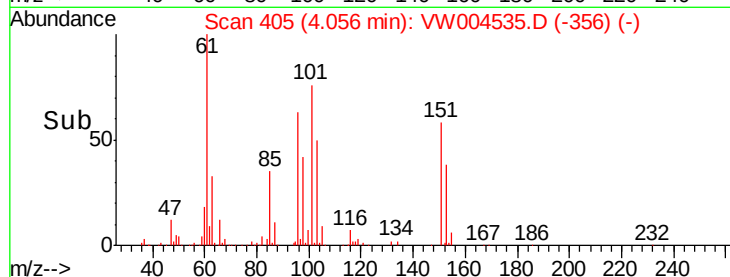
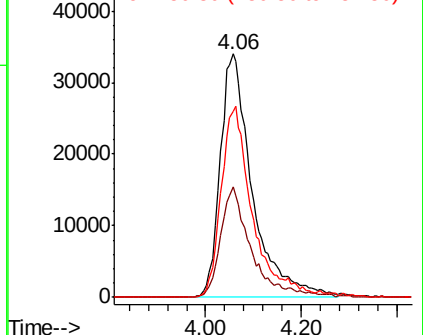
151 75.9 61.3 91.9



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: 19.600 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

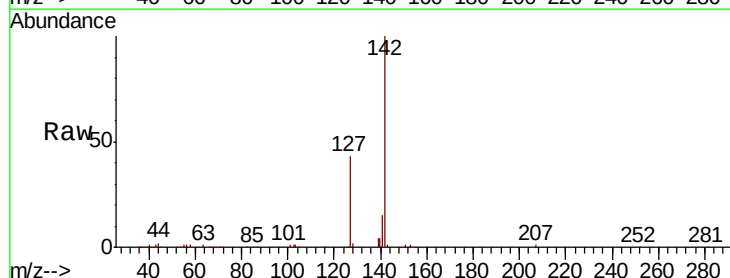
Tgt Ion:142 Resp: 226133

Ion Ratio Lower Upper

142 100

127 41.9 32.7 49.1

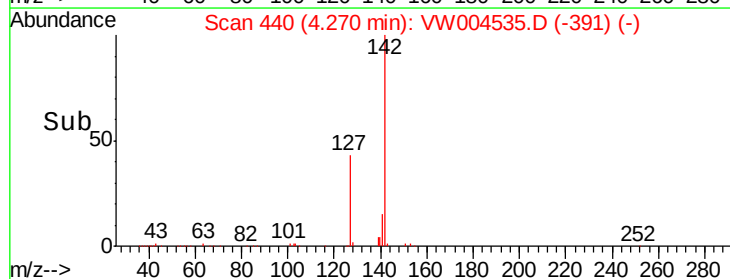
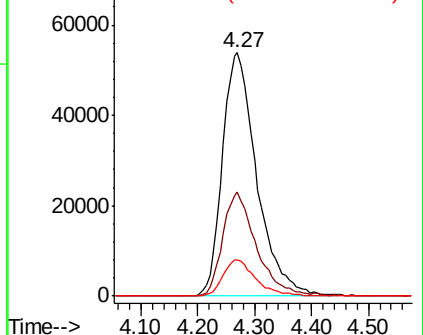
141 14.3 11.5 17.3

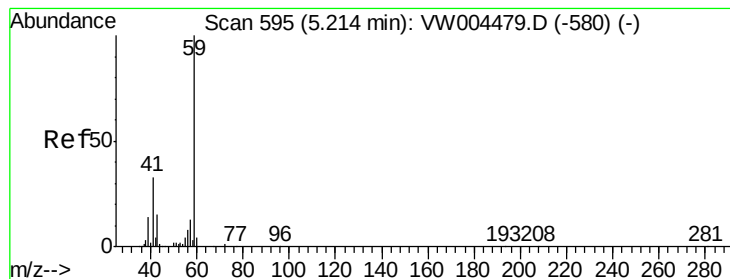


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.537 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

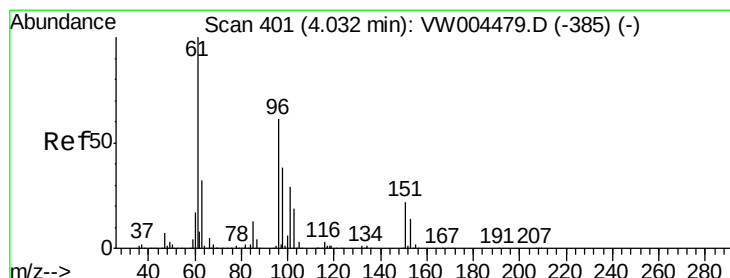
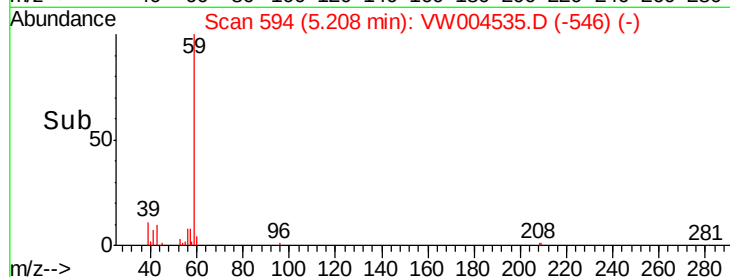
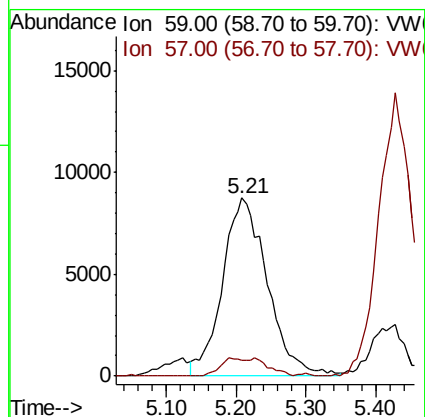
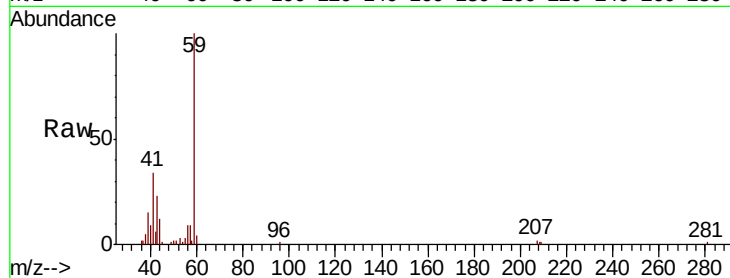
VW0810SBS01

Tgt Ion: 59 Resp: 38672

Ion Ratio Lower Upper

59 100

57 6.5 9.1 13.7#



#12

1,1-Dichloroethene

Concen: 19.865 ug/l

RT: 4.04 min Scan# 402

Delta R.T. 0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

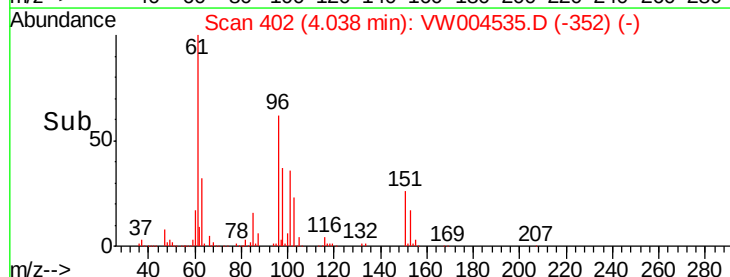
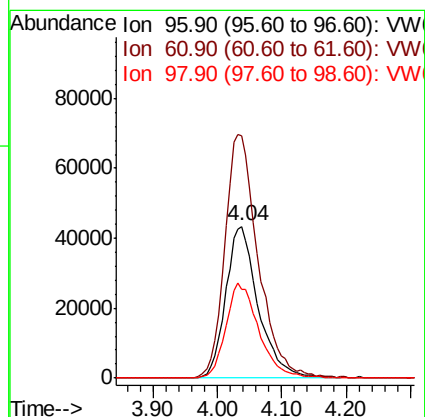
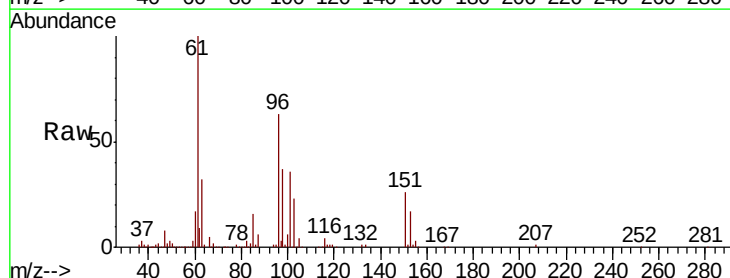
Tgt Ion: 96 Resp: 153751

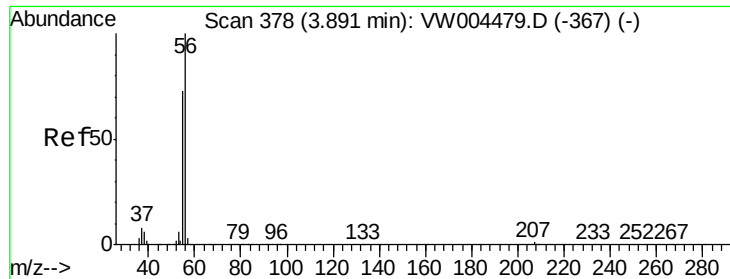
Ion Ratio Lower Upper

96 100

61 159.7 130.6 195.8

98 58.7 49.6 74.4





#13

Acrolein

Concen: 94.388 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

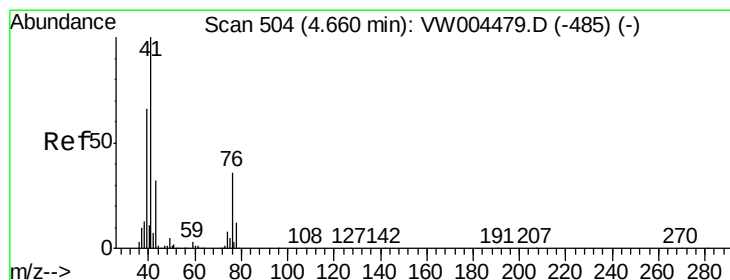
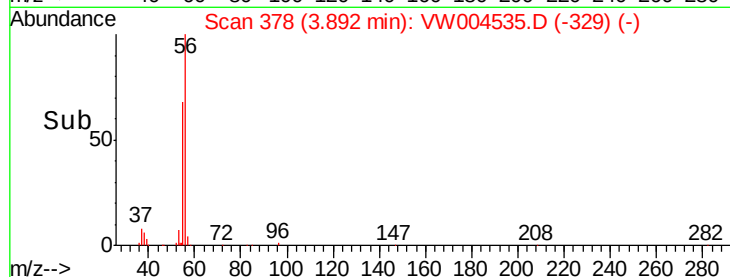
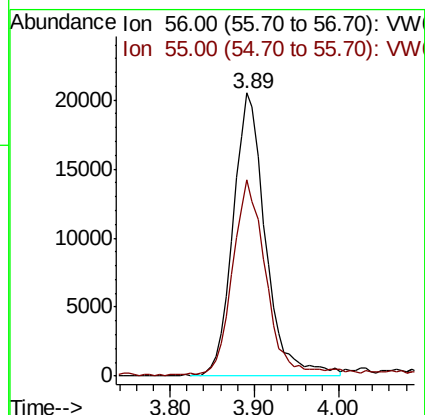
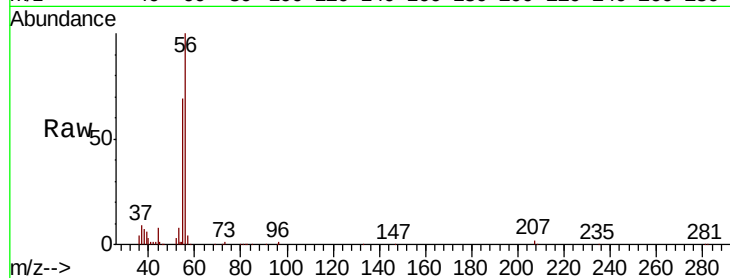
VW0810SBS01

Tgt Ion: 56 Resp: 52904

Ion Ratio Lower Upper

56 100

55 72.5 56.7 85.1



#14

Allyl chloride

Concen: 19.663 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

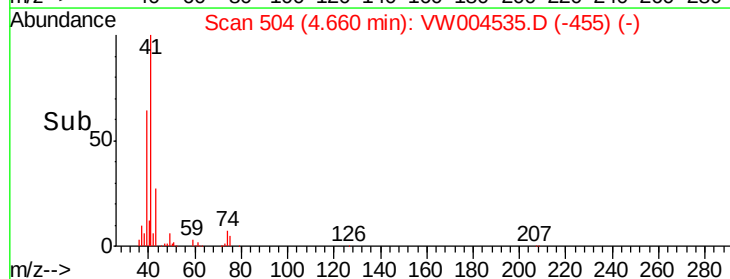
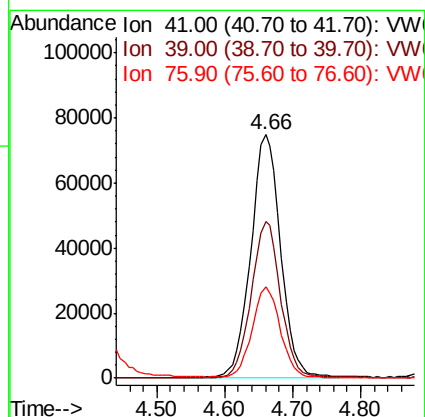
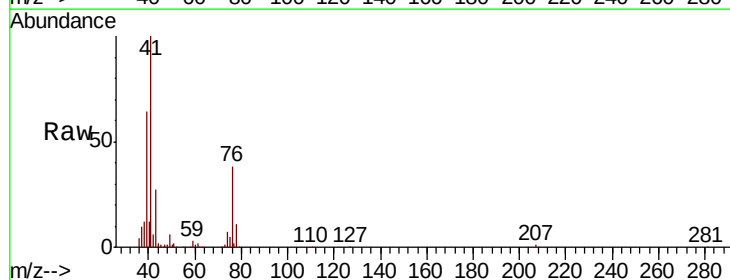
Tgt Ion: 41 Resp: 228652

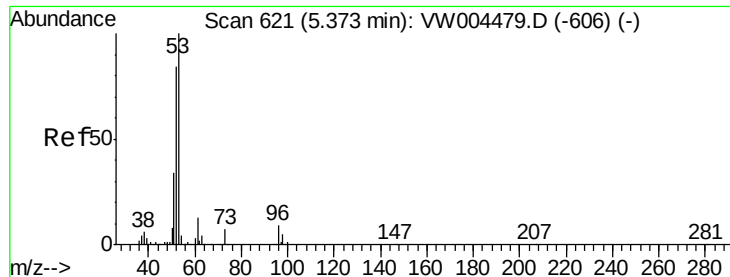
Ion Ratio Lower Upper

41 100

39 63.4 51.9 77.9

76 35.8 29.0 43.6

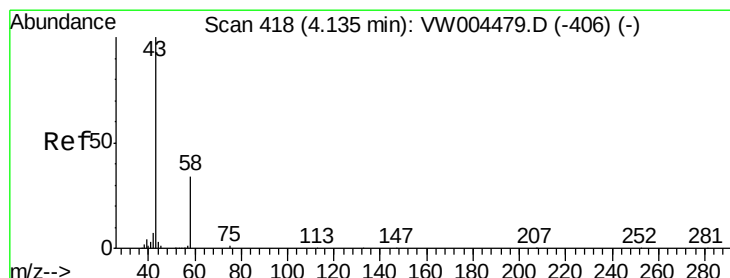
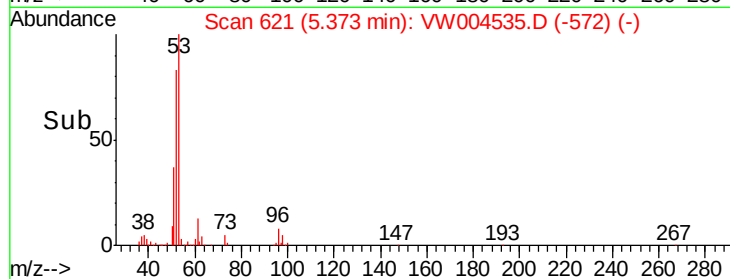
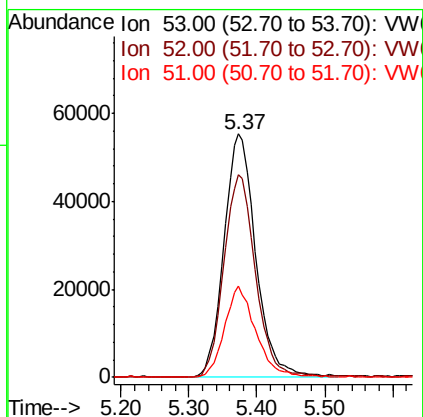
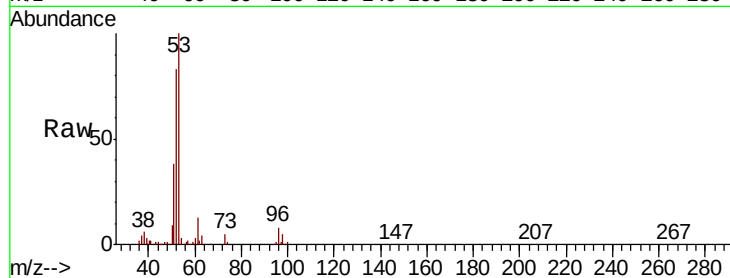




#15
 Acrylonitrile
 Concen: 91.591 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

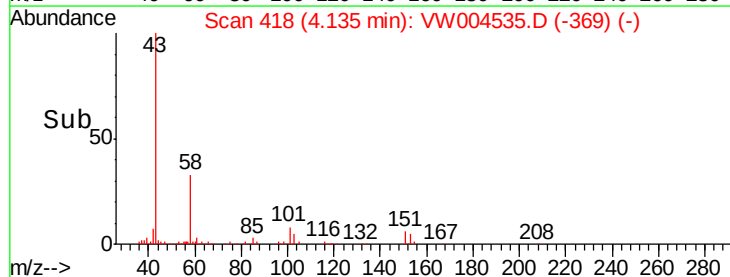
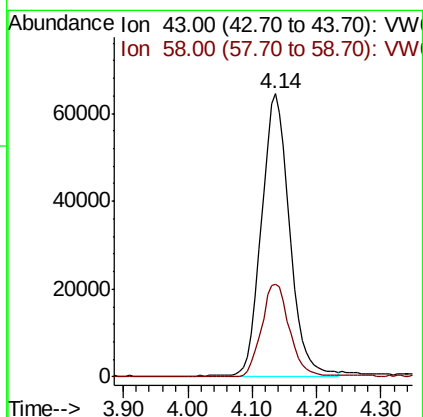
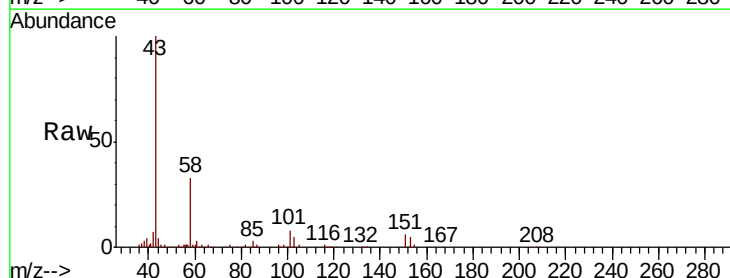
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

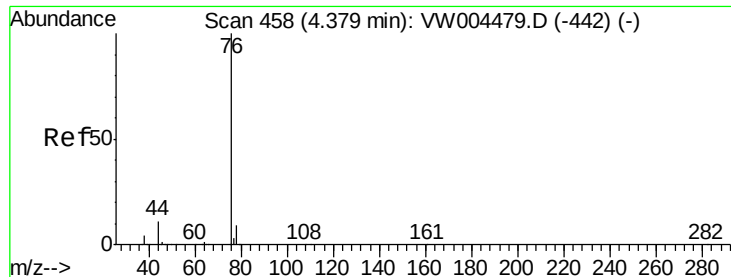
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	37.1	28.4	42.6



#16
 Acetone
 Concen: 99.471 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.8	40.2





#17

Carbon Disulfide

Concen: 20.124 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

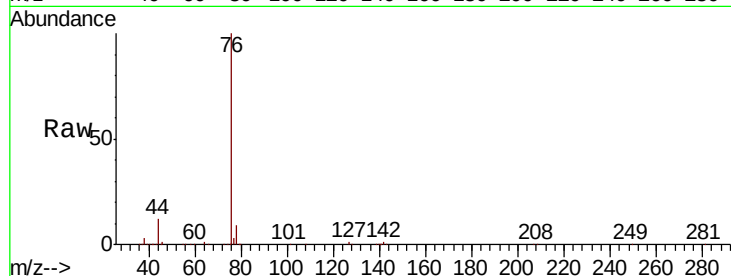
VW0810SBS01

Tgt Ion: 76 Resp: 500561

Ion Ratio Lower Upper

76 100

78 9.3 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

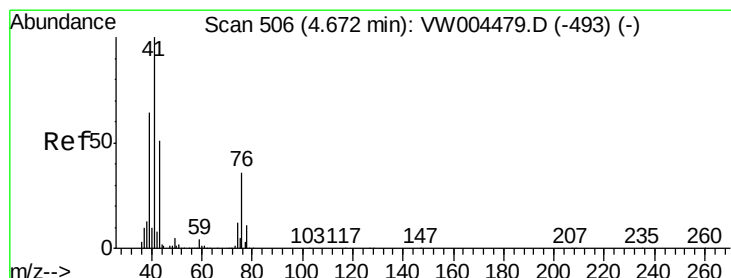
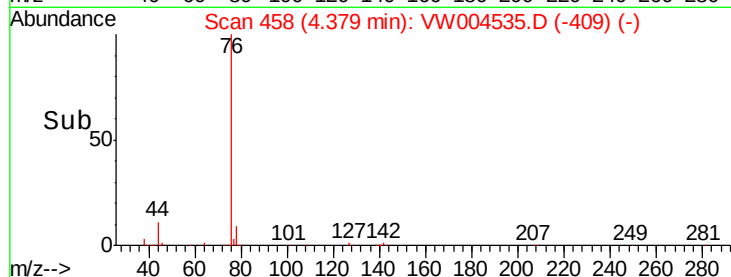
100000

50000

0

4.20 4.40 4.60

Time-->



#18

Methyl Acetate

Concen: 17.706 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004535.D

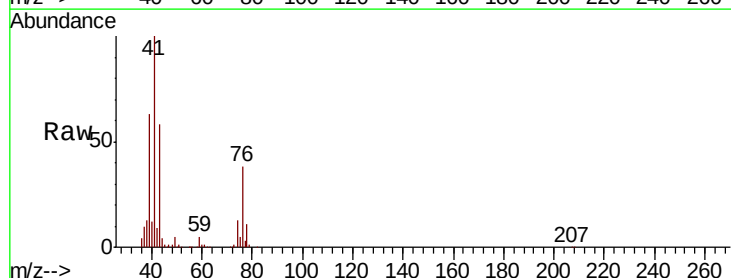
Acq: 08 Aug 2018 19:00

Tgt Ion: 43 Resp: 86146

Ion Ratio Lower Upper

43 100

74 24.0 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

30000

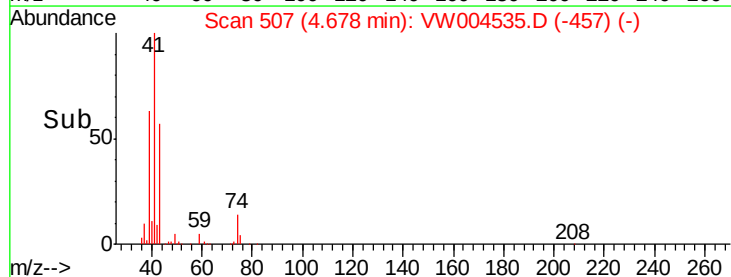
20000

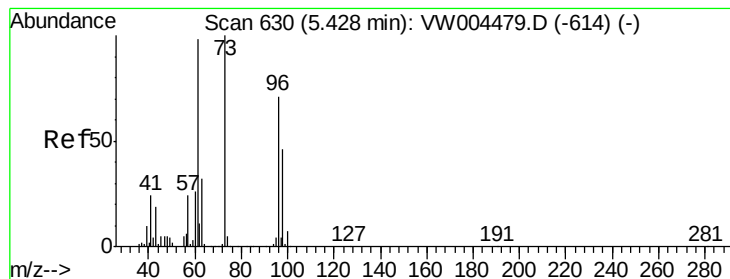
10000

0

4.60 4.70 4.80

Time-->





#19

Methyl tert-butyl Ether

Concen: 18.332 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

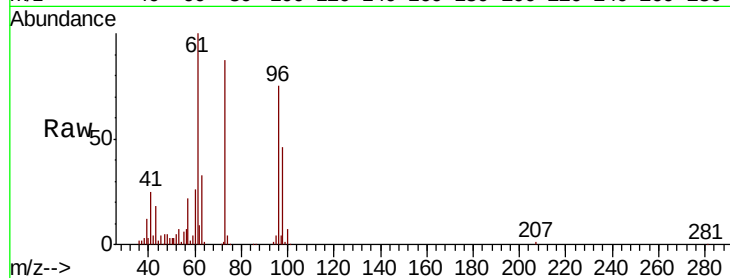
VW0810SBS01

Tgt Ion: 73 Resp: 193537

Ion Ratio Lower Upper

73 100

57 25.1 19.6 29.4



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.43

60000

50000

40000

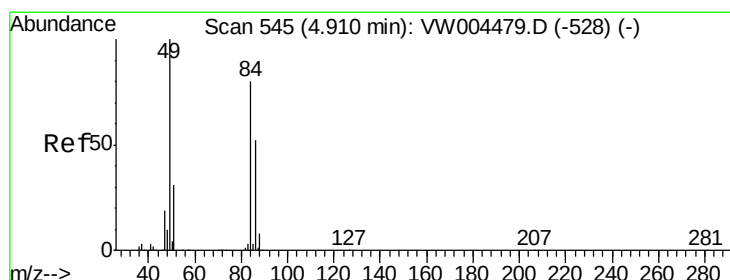
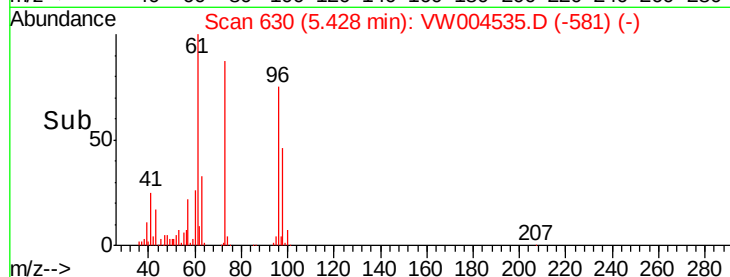
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 17.883 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion: 84 Resp: 224656

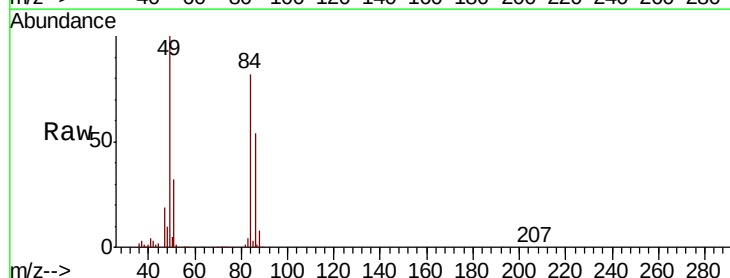
Ion Ratio Lower Upper

84 100

49 122.3 99.6 149.4

51 38.8 31.0 46.4

86 65.7 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

100000

80000

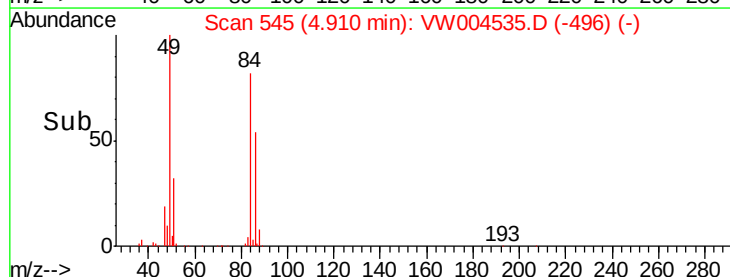
60000

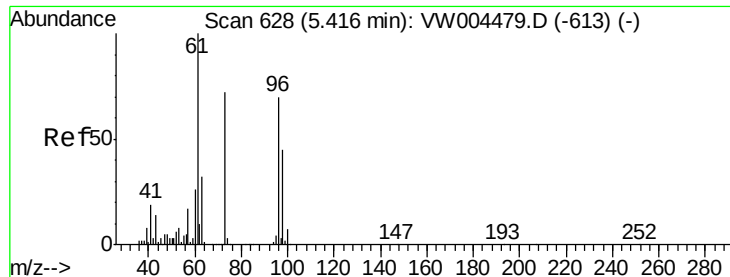
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 19.509 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

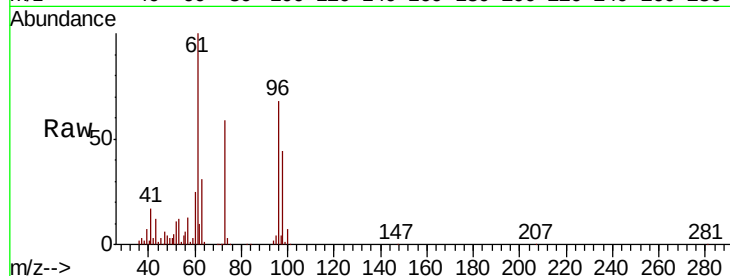
Tgt Ion: 96 Resp: 162728

Ion Ratio Lower Upper

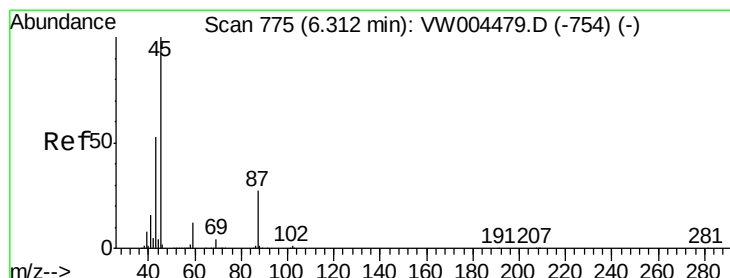
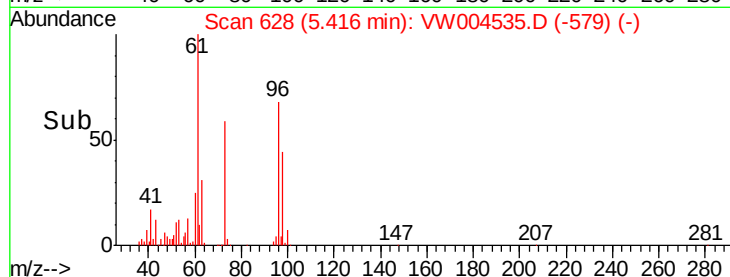
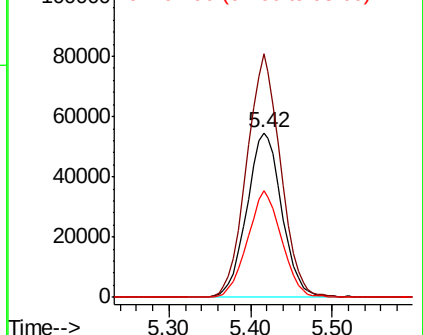
96 100

61 147.9 114.1 171.1

98 64.5 51.4 77.2



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



#22

Diisopropyl ether

Concen: 19.948 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion: 45 Resp: 476695

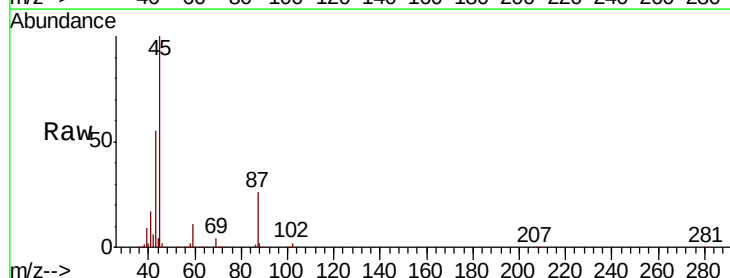
Ion Ratio Lower Upper

45 100

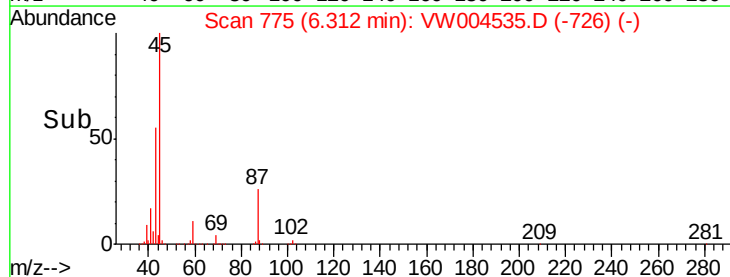
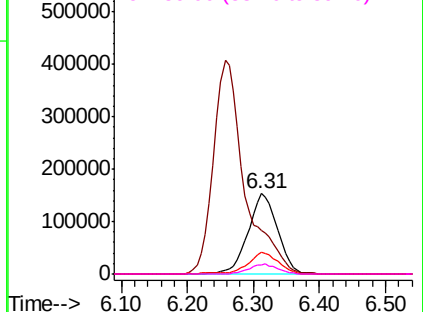
43 53.9 42.4 63.6

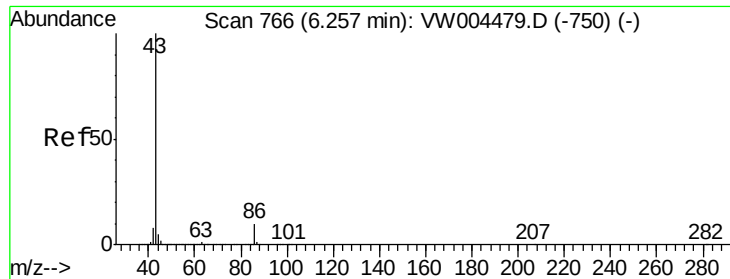
87 26.3 21.6 32.4

59 11.4 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

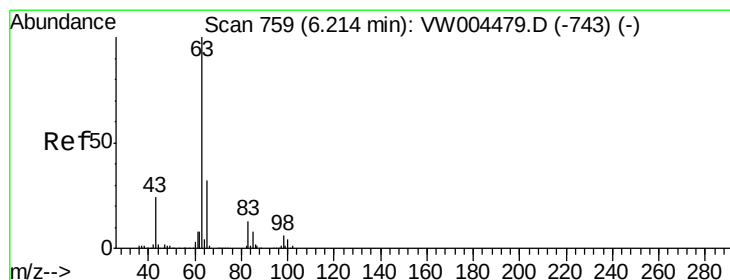
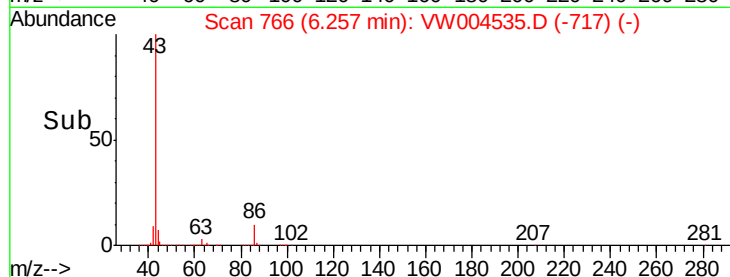
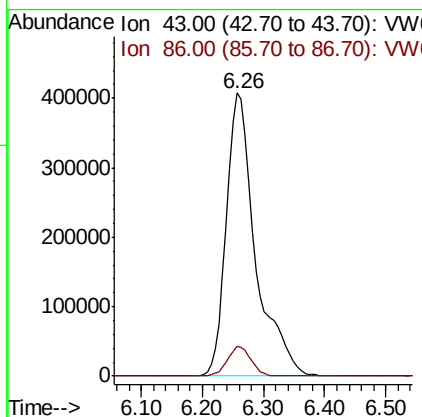
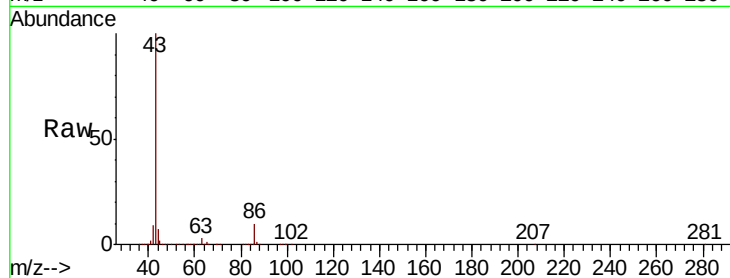




#23
 Vinyl Acetate
 Concen: 93.396 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

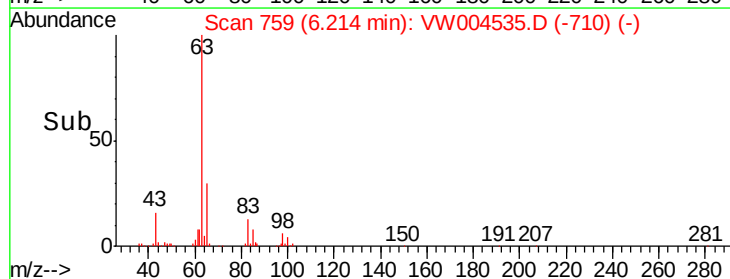
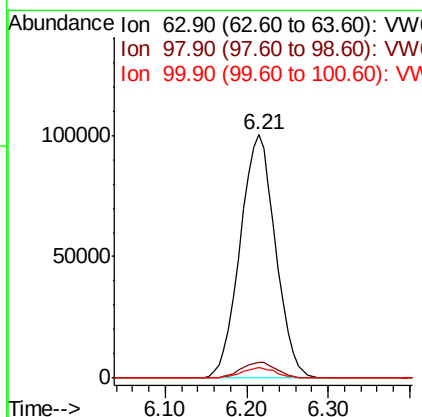
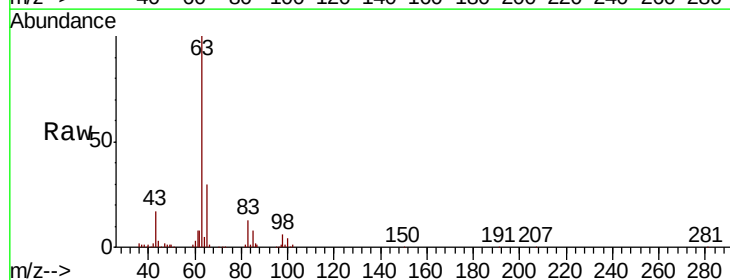
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

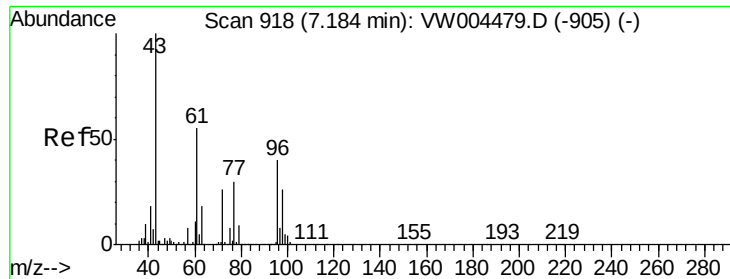
Tgt Ion: 43 Resp: 1341373
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 19.773 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion: 63 Resp: 302456
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.3
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 91.914 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

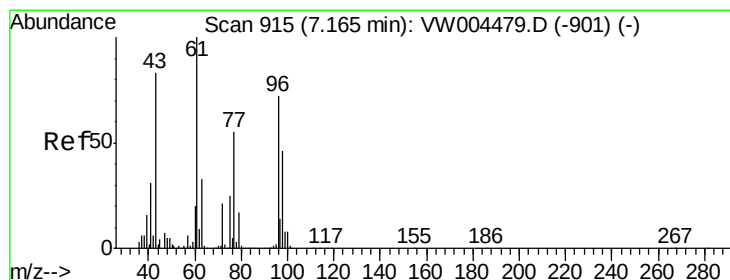
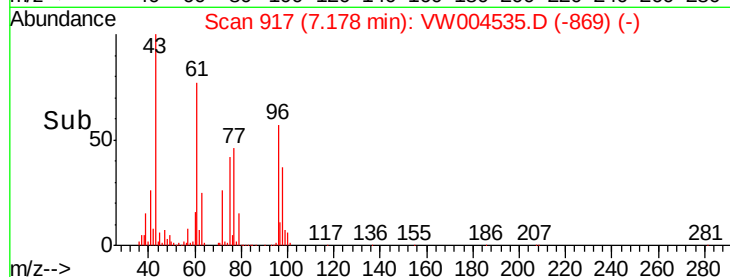
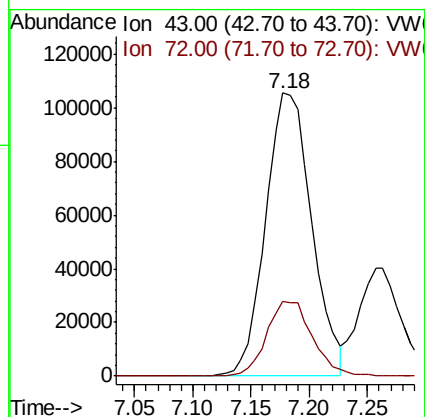
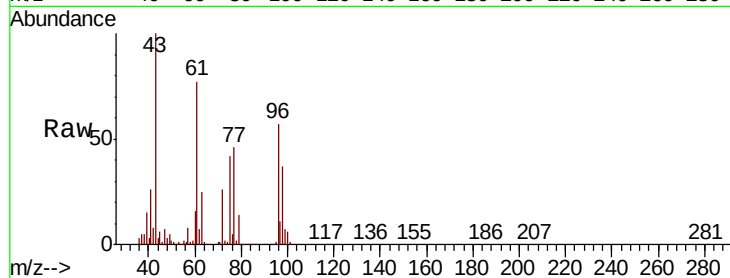
VW0810SBS01

Tgt Ion: 43 Resp: 288476

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.164 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004535.D

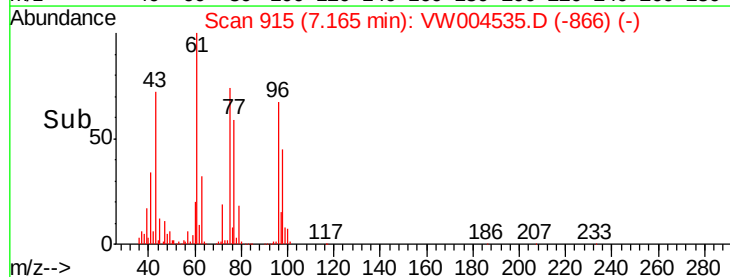
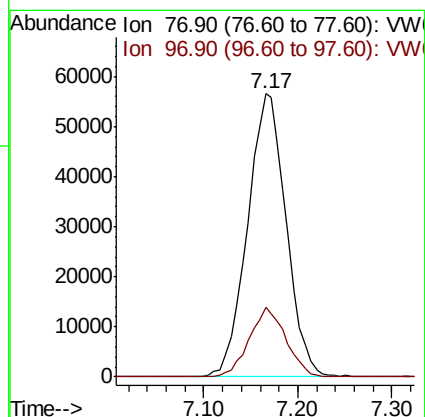
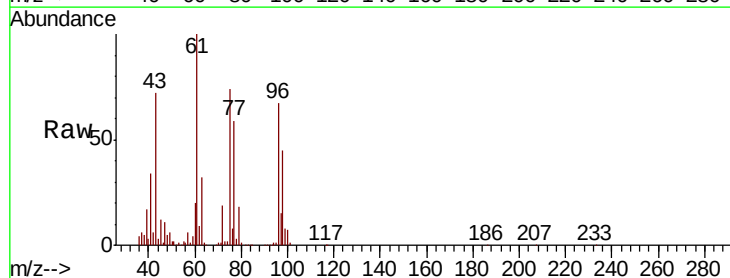
Acq: 08 Aug 2018 19:00

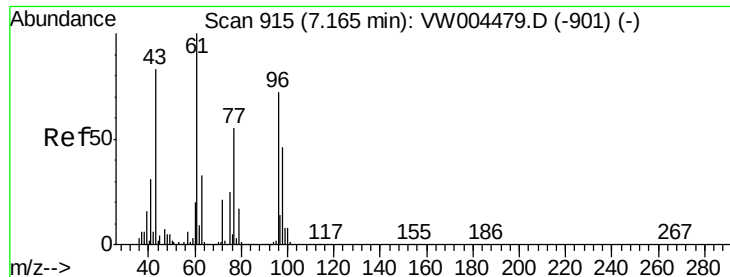
Tgt Ion: 77 Resp: 161881

Ion Ratio Lower Upper

77 100

97 23.5 12.5 37.5



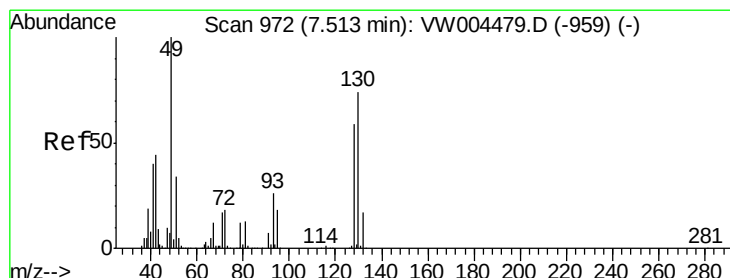
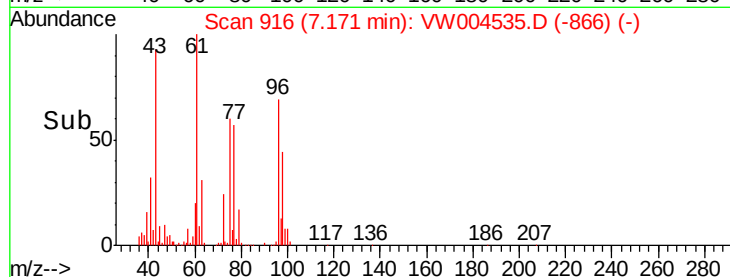
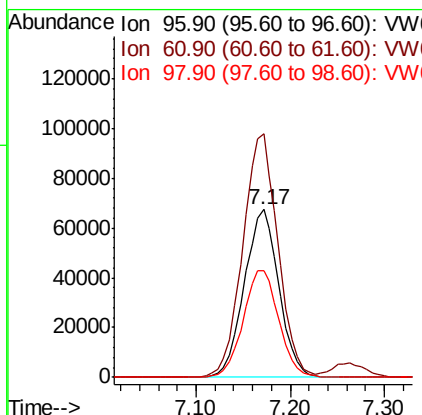
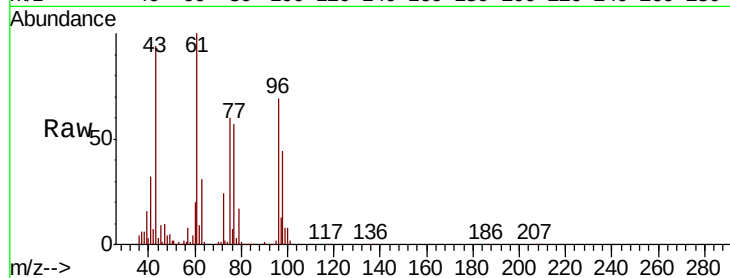


#27

cis-1,2-Dichloroethene
 Concen: 19.307 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

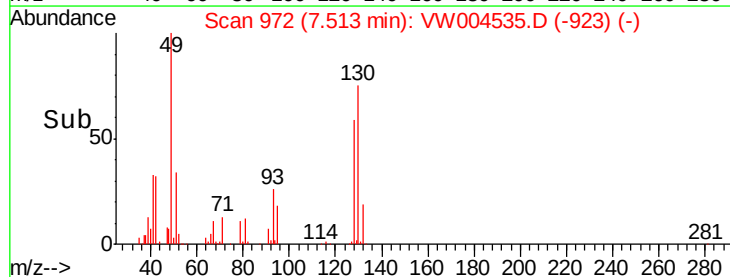
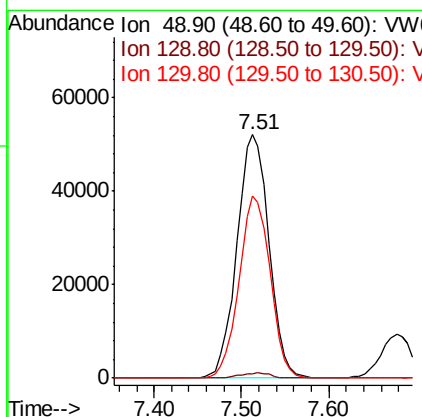
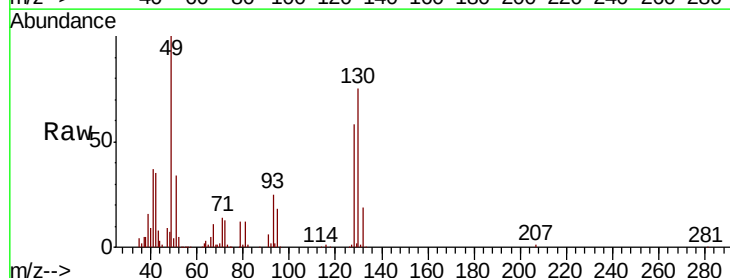
Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	285.0
98	65.4	0.0	128.6

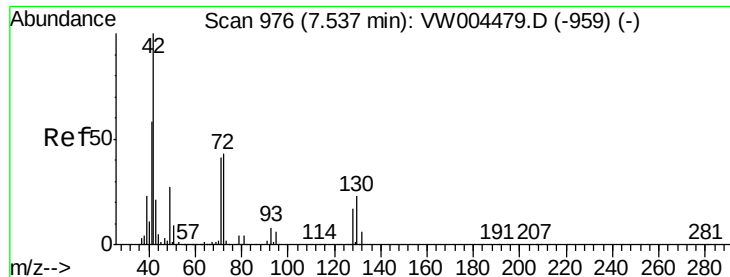


#28

Bromochloromethane
 Concen: 19.880 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	73.0	58.8	88.2





#29

Tetrahydrofuran

Concen: 88.719 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

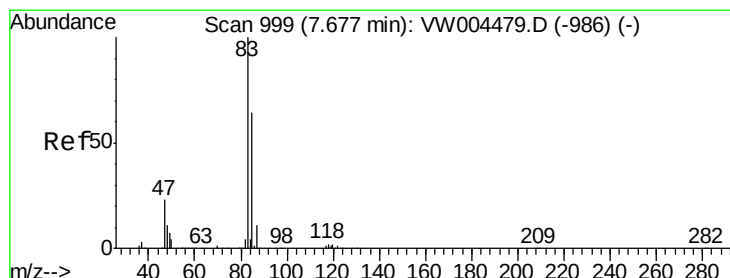
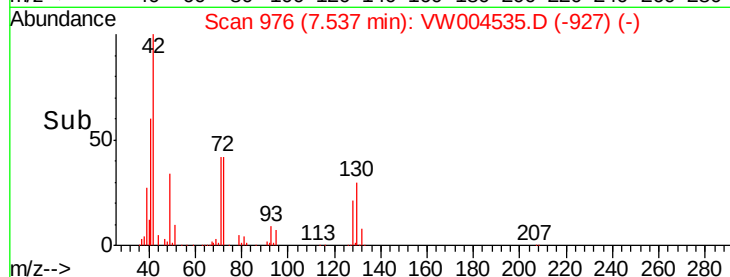
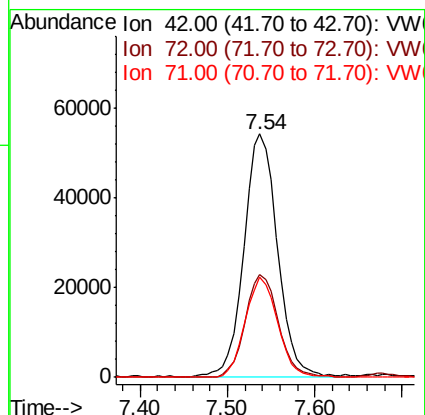
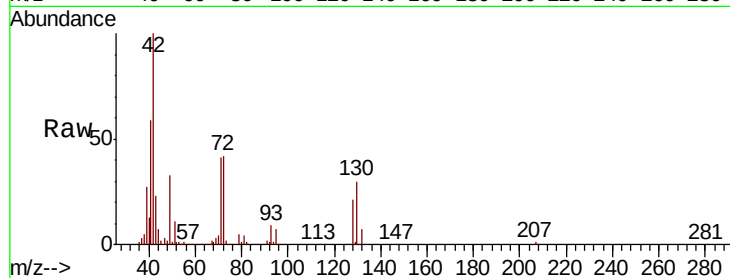
Tgt Ion: 42 Resp: 143951

Ion Ratio Lower Upper

42 100

72 42.3 34.1 51.1

71 40.4 32.5 48.7



#30

Chloroform

Concen: 19.537 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004535.D

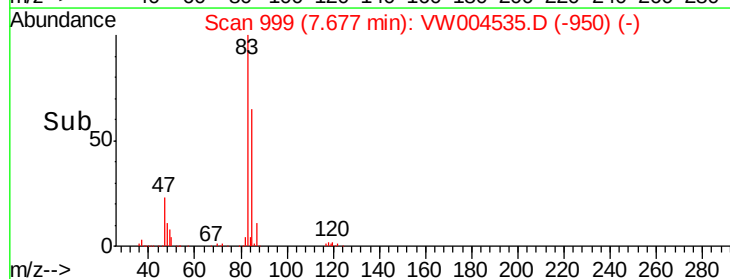
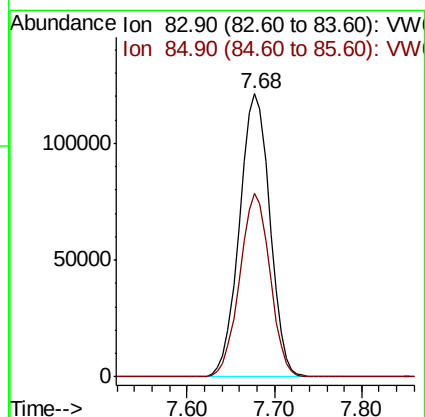
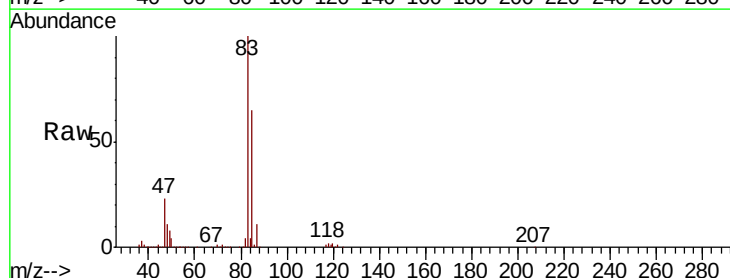
Acq: 08 Aug 2018 19:00

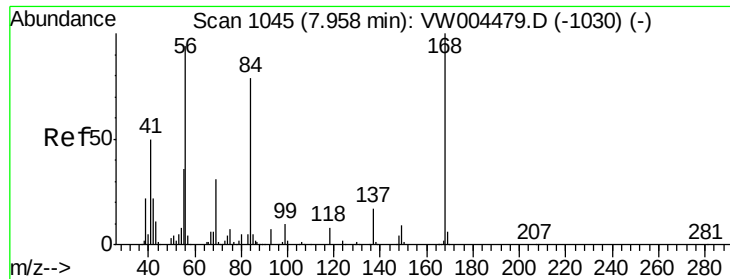
Tgt Ion: 83 Resp: 293527

Ion Ratio Lower Upper

83 100

85 64.9 51.3 76.9

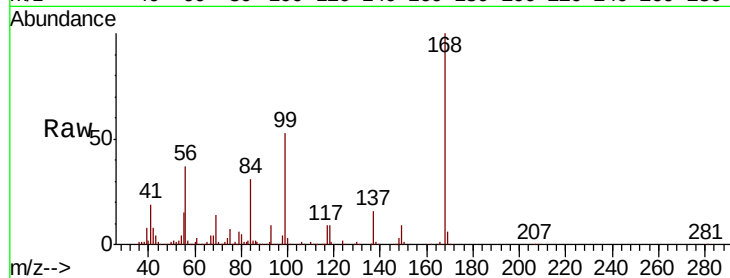




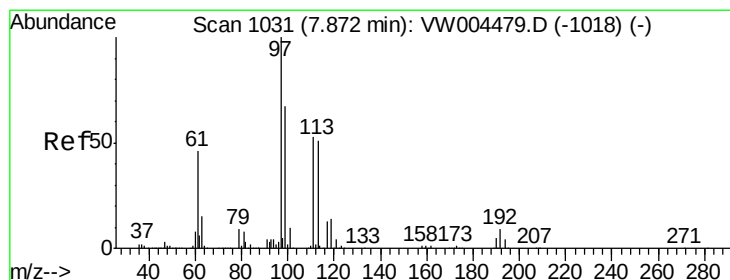
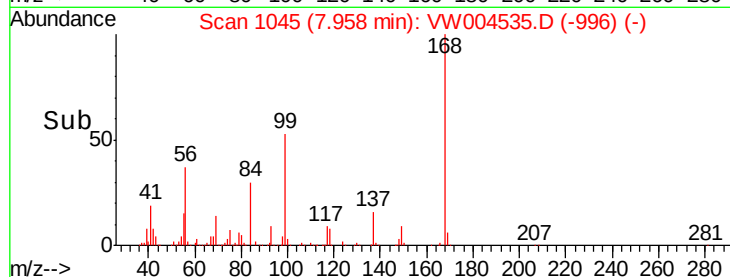
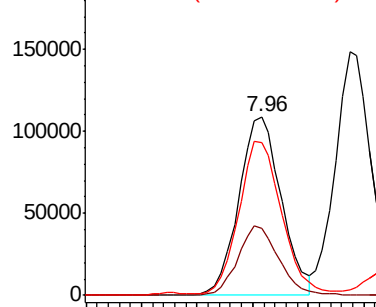
#31
Cyclohexane
Concen: 19.709 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tgt Ion: 56 Resp: 288448
Ion Ratio Lower Upper
56 100
69 37.2 26.4 39.6
84 84.3 66.9 100.3

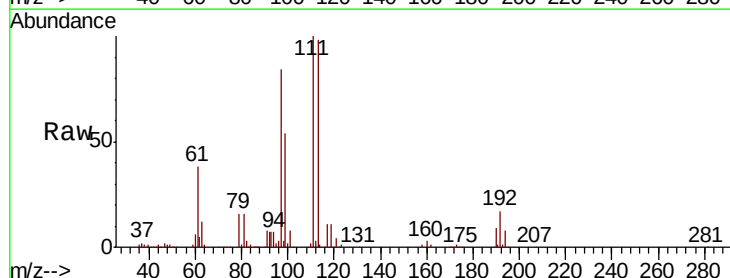


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

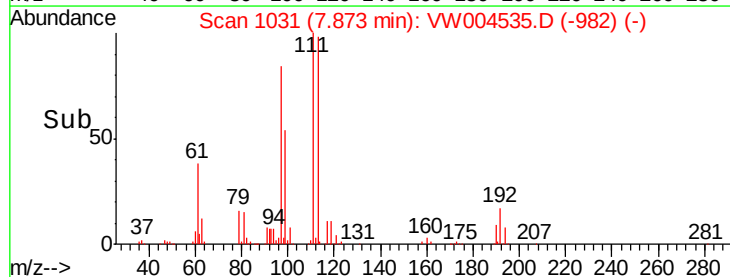
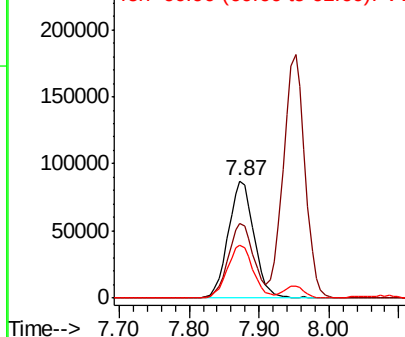


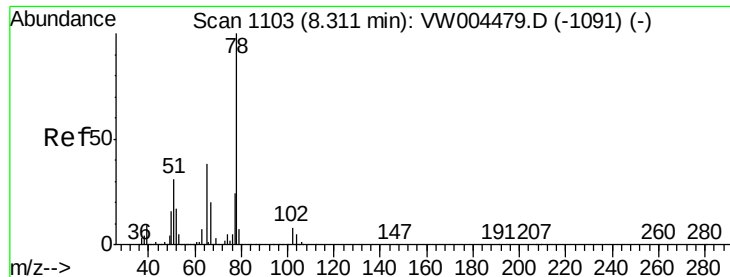
#32
1,1,1-Trichloroethane
Concen: 19.693 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion: 97 Resp: 222238
Ion Ratio Lower Upper
97 100
99 63.1 51.6 77.4
61 45.3 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

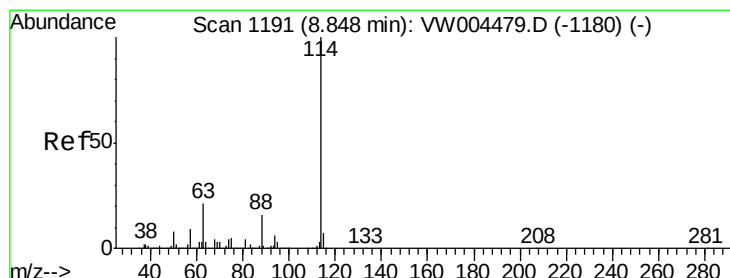
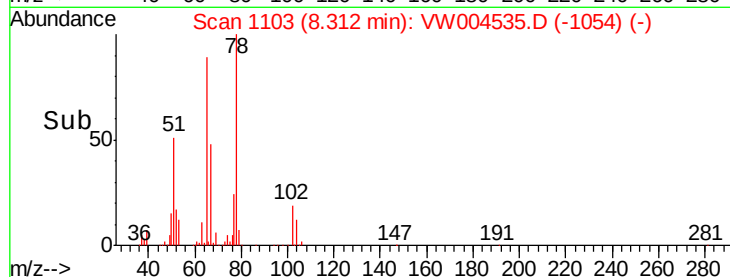
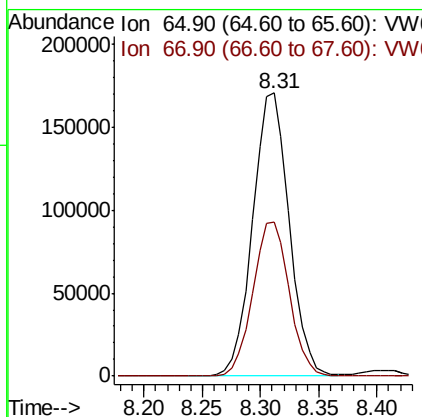
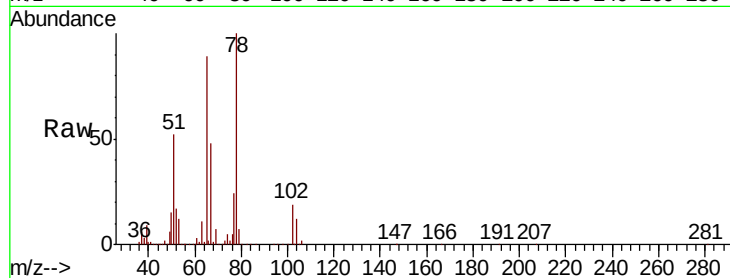




#33
 1,2-Dichloroethane-d4
 Concen: 47.639 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

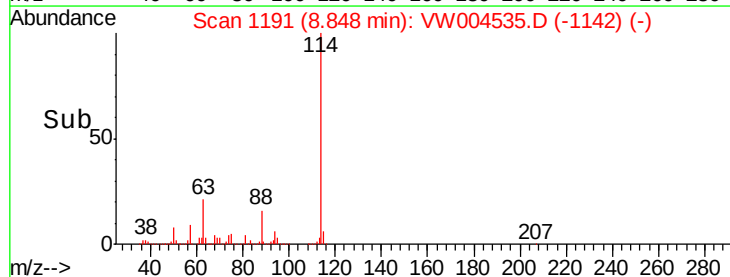
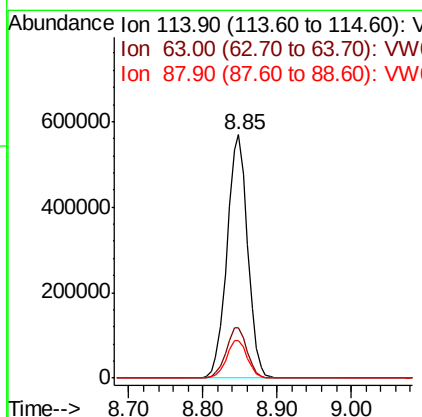
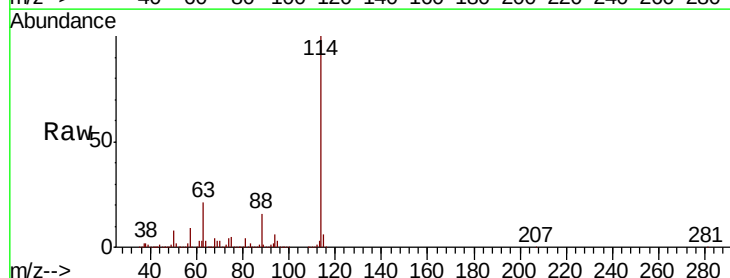
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

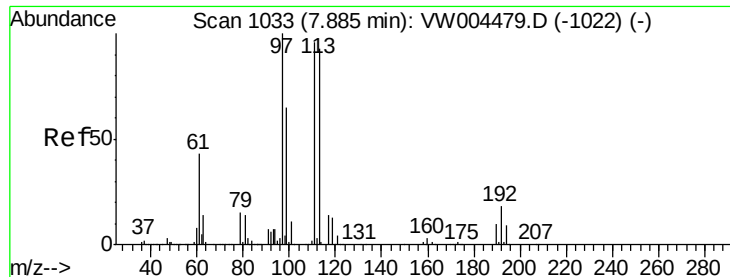
Tgt Ion: 65 Resp: 372198
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion: 114 Resp: 1096469
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.7 0.0 31.2

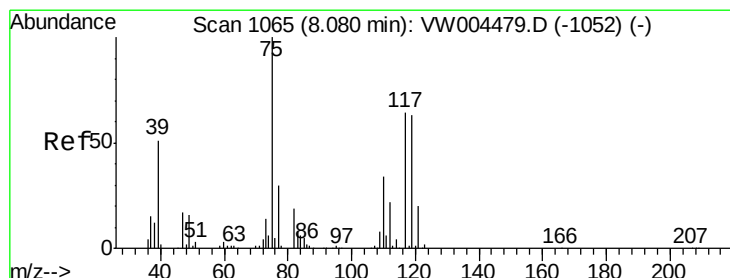
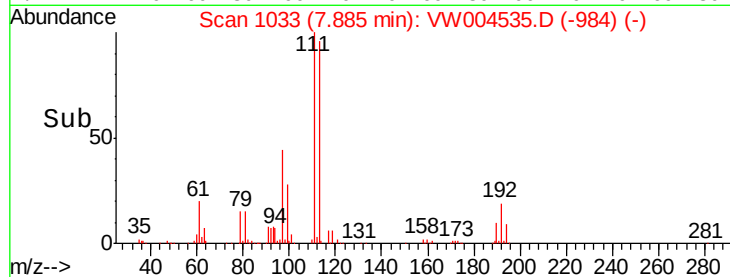
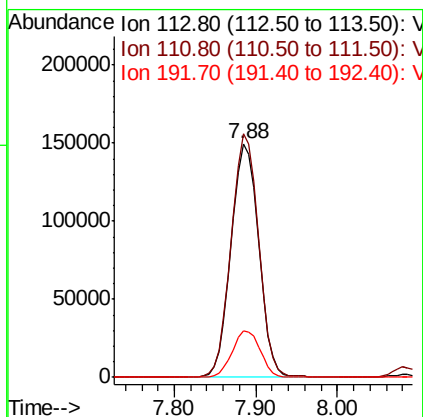
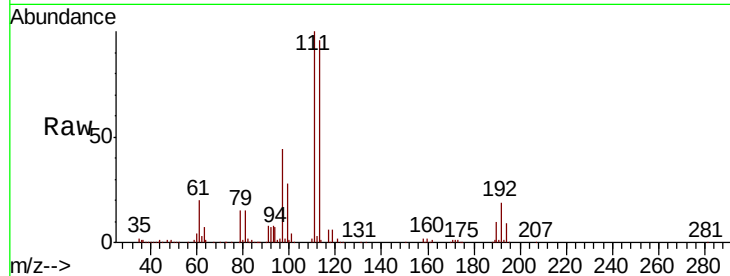




#35
 Dibromofluoromethane
 Concen: 48.050 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

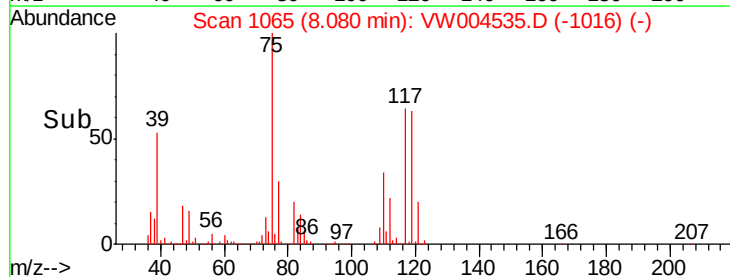
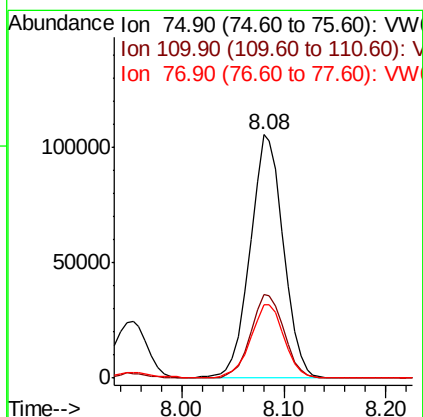
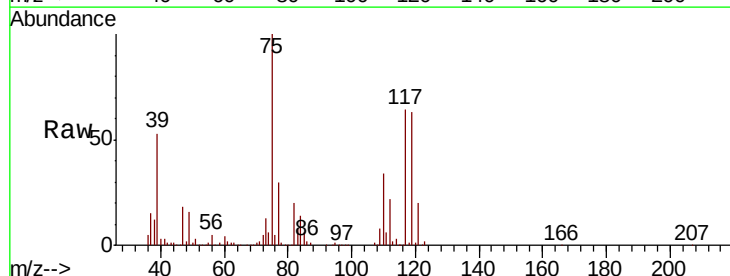
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

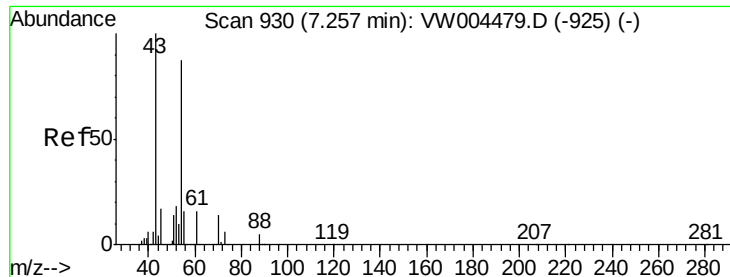
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	20.1	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 20.165 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.4	52.2
77	31.0	24.7	37.1

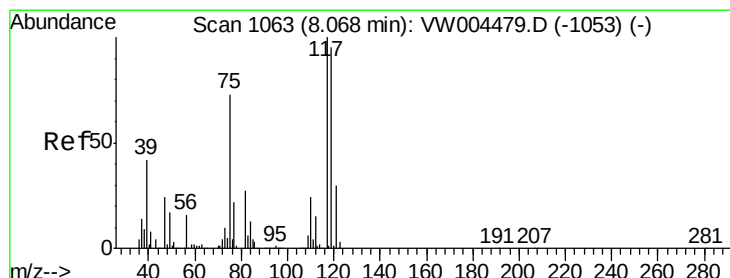
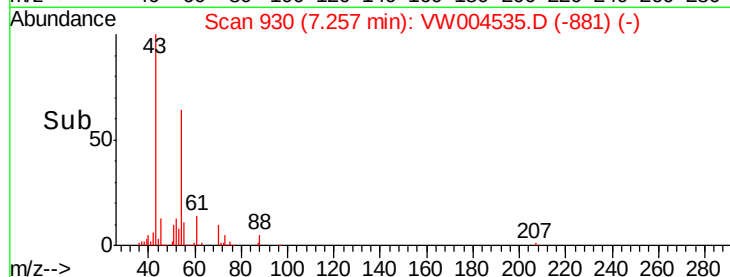
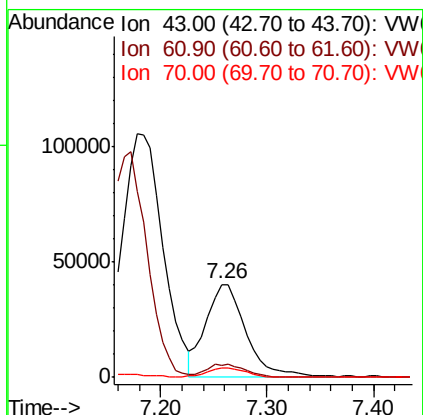
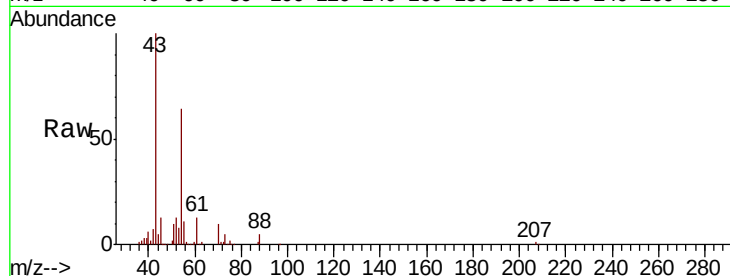




#37
 Ethyl Acetate
 Concen: 18.748 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

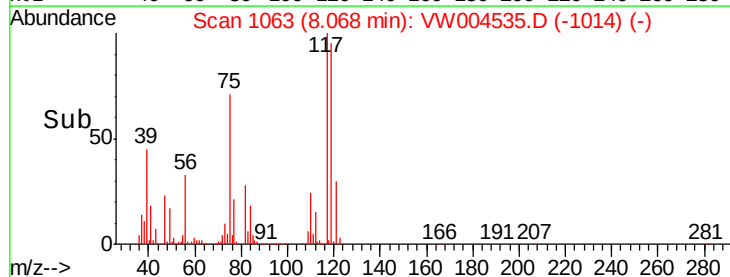
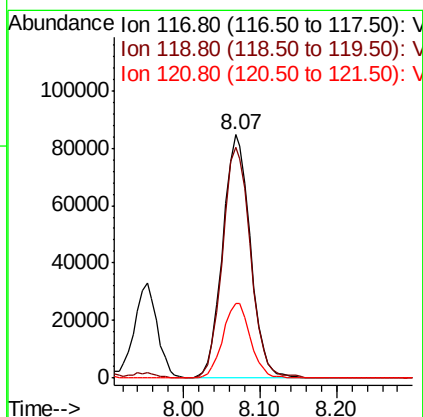
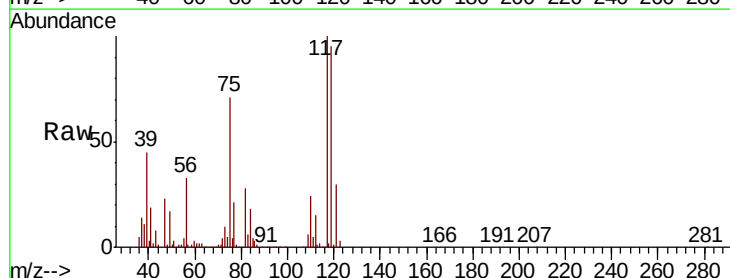
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

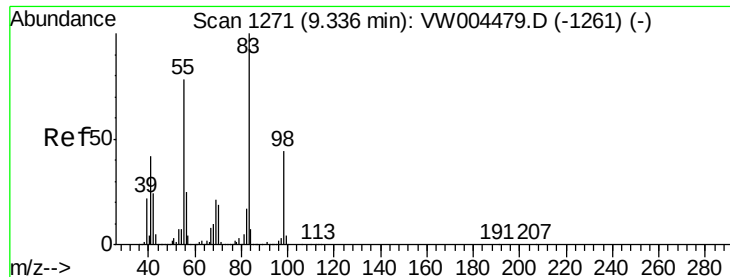
Tgt Ion: 43 Resp: 103662
 Ion Ratio Lower Upper
 43 100
 61 14.0 11.9 17.9
 70 10.3 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 19.964 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion: 117 Resp: 212087
 Ion Ratio Lower Upper
 117 100
 119 94.8 76.1 114.1
 121 30.4 24.2 36.4

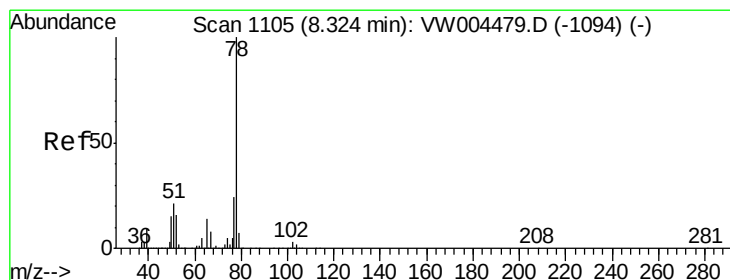
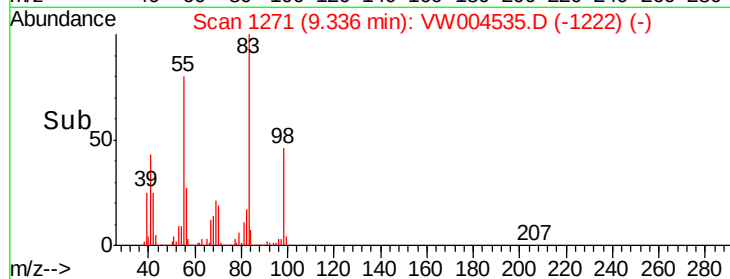
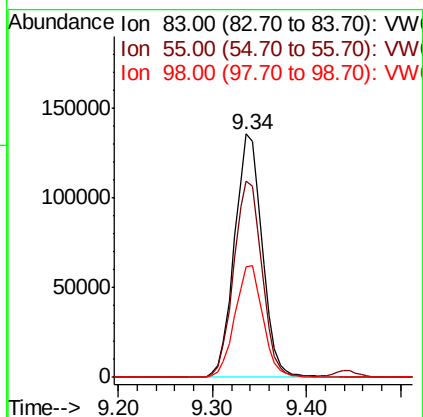
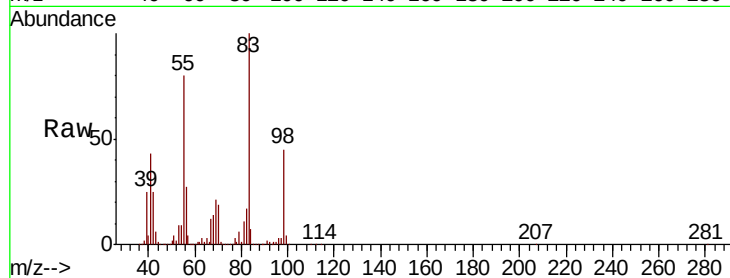




#39
Methylcyclohexane
Concen: 19.196 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

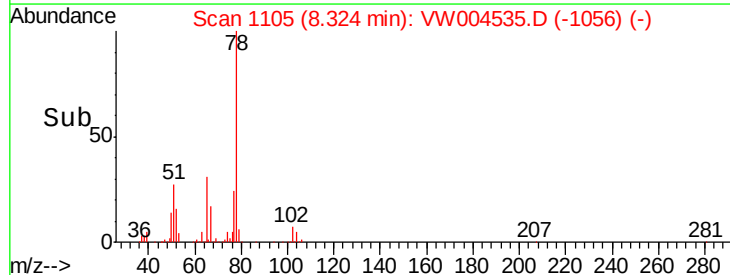
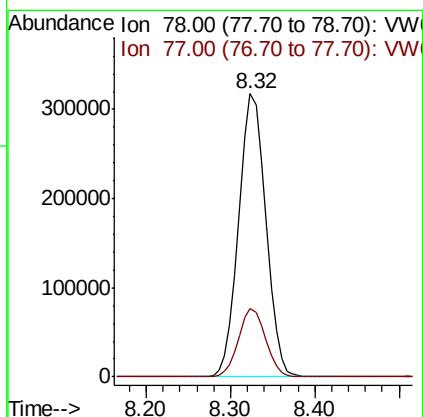
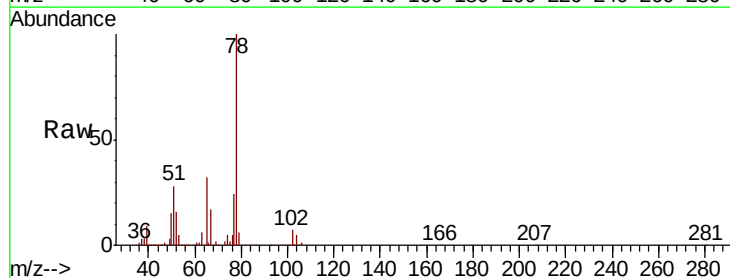
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

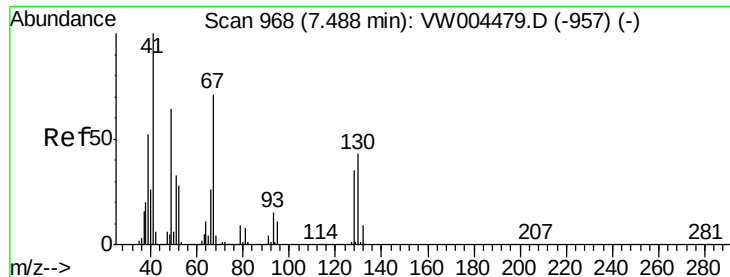
Tgt Ion: 83 Resp: 277788
Ion Ratio Lower Upper
83 100
55 80.5 62.5 93.7
98 45.5 35.4 53.2



#40
Benzene
Concen: 19.921 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion: 78 Resp: 690647
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

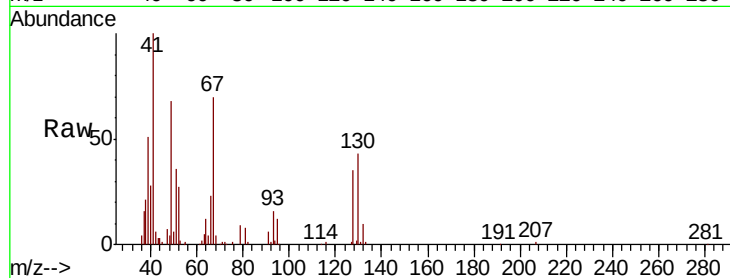




#41
Methacrylonitrile
Concen: 17.649 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tgt Ion:	41	Resp:	54505
Ion	Ratio	Lower	Upper
41	100		
39	51.9	46.2	69.2
67	78.0	60.8	91.2
52	33.1	23.8	35.6



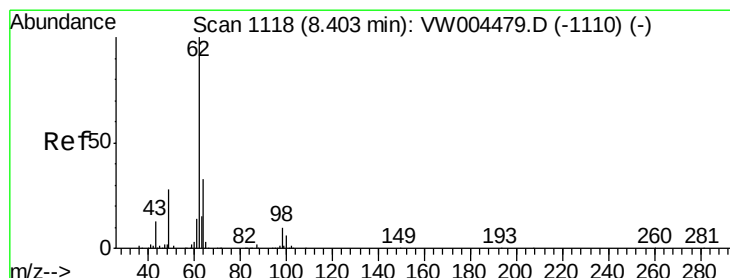
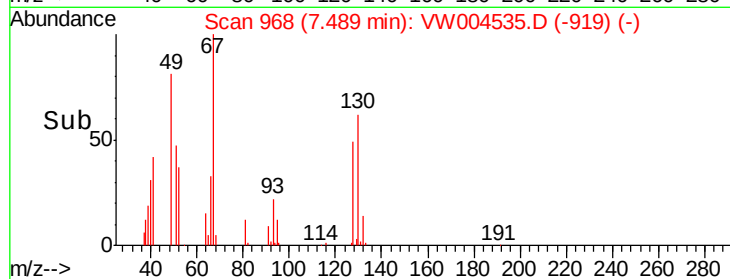
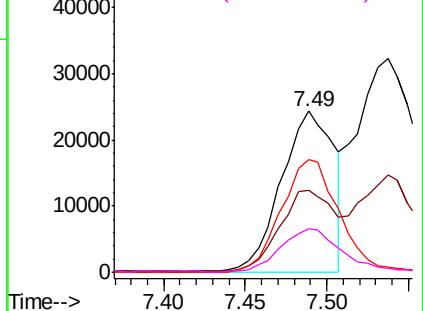
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

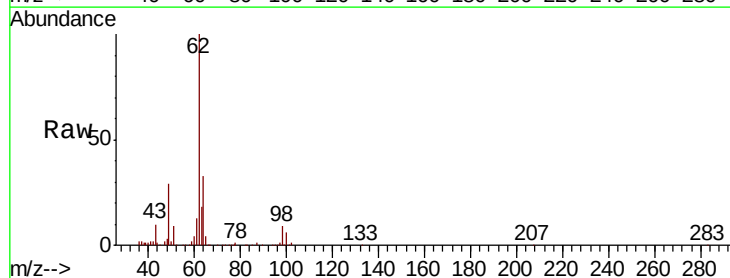
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 19.424 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

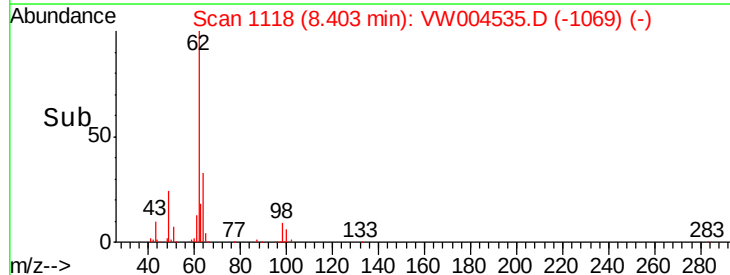
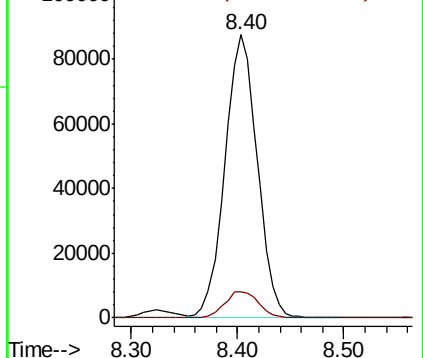
Tgt Ion:	62	Resp:	186308
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6

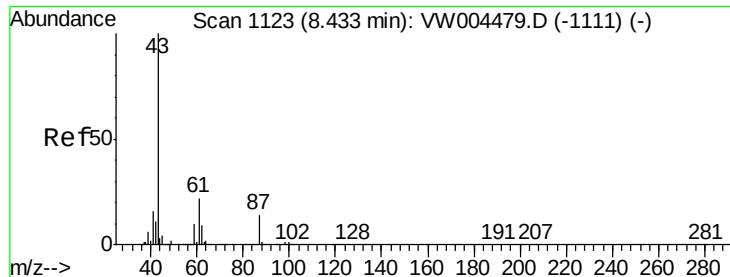


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 17.889 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

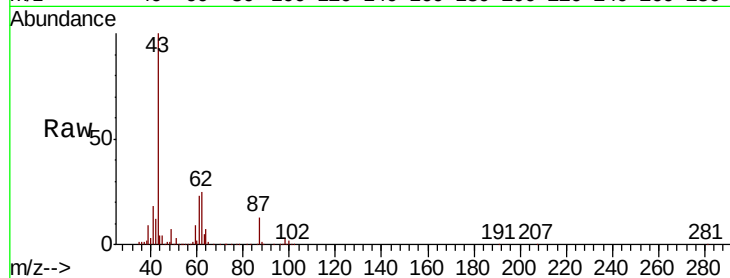
Tgt Ion: 43 Resp: 172417

Ion Ratio Lower Upper

43 100

61 33.0 25.2 37.8

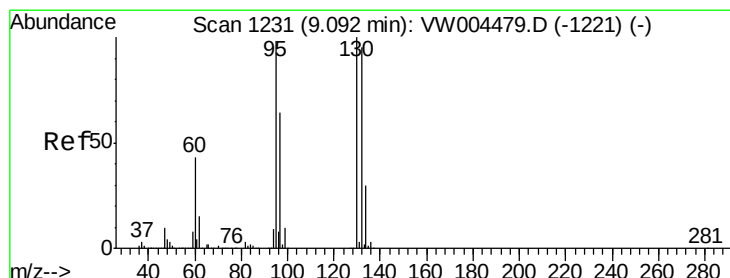
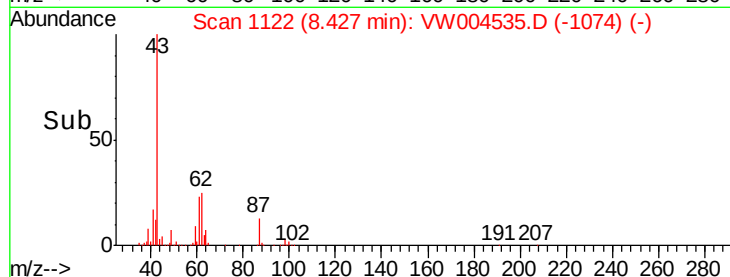
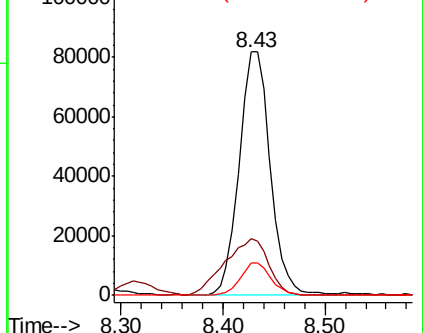
87 13.2 10.6 16.0



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: 19.619 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004535.D

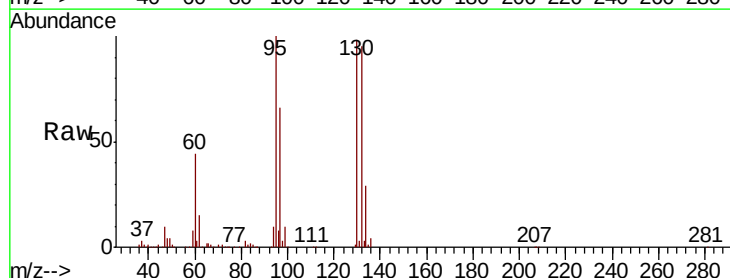
Acq: 08 Aug 2018 19:00

Tgt Ion: 130 Resp: 167132

Ion Ratio Lower Upper

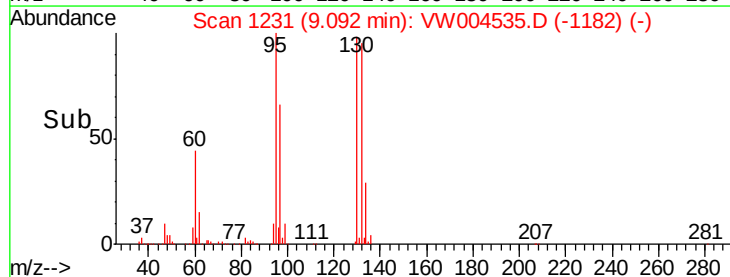
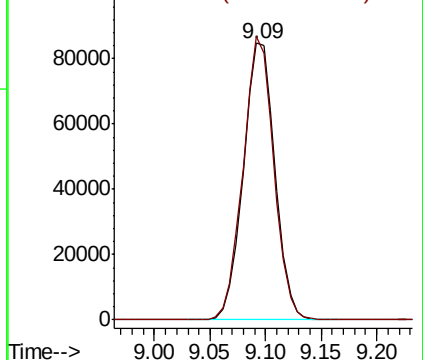
130 100

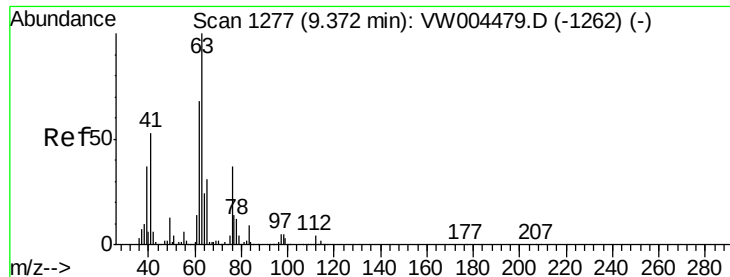
95 102.3 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

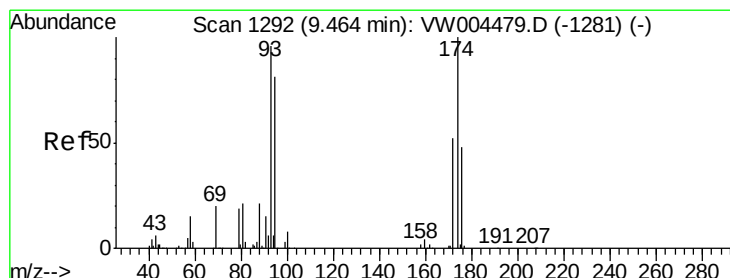
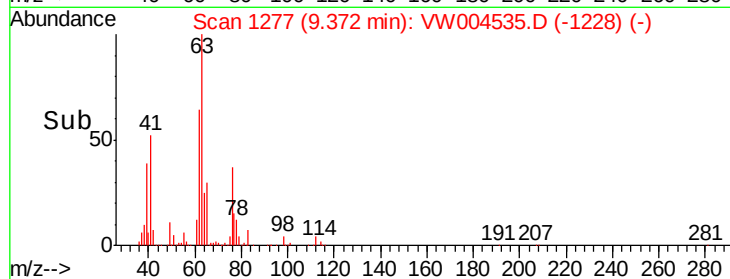
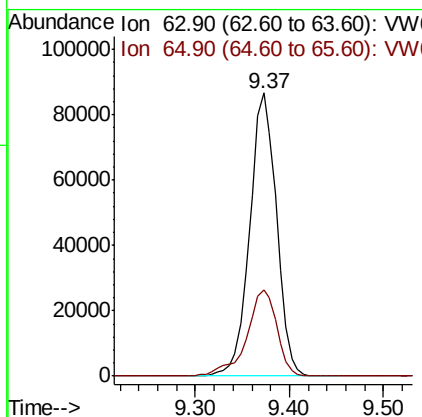
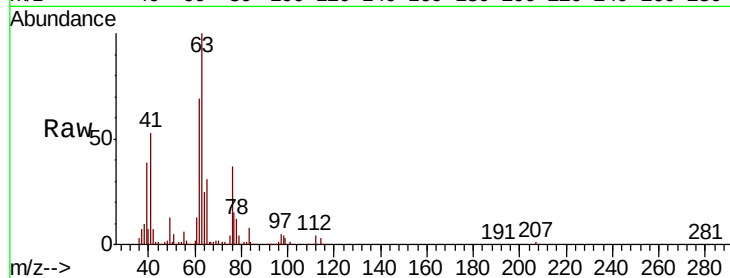




#45
 1,2-Dichloropropane
 Concen: 19.840 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

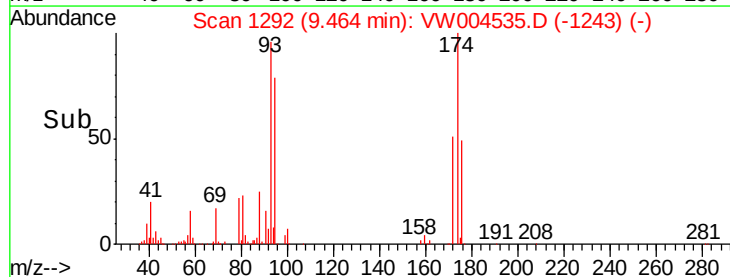
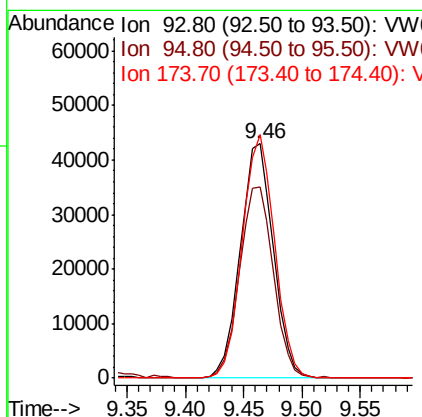
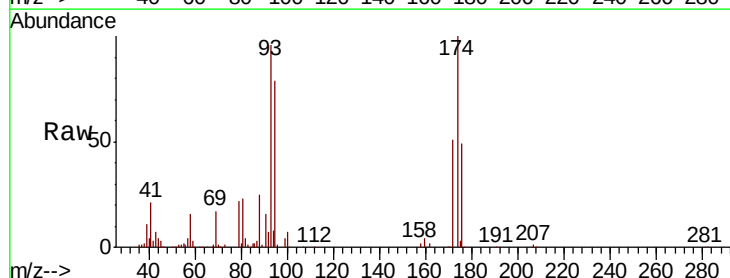
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

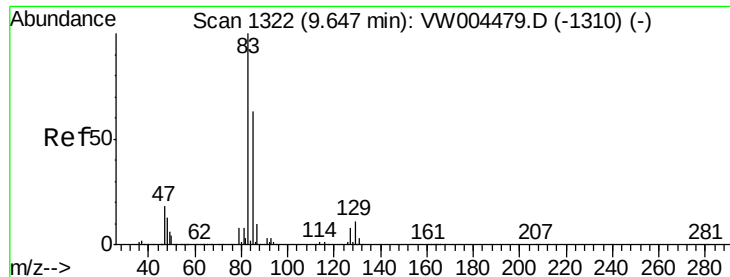
Tgt Ion: 63 Resp: 172255
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7



#46
 Dibromomethane
 Concen: 19.316 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion: 93 Resp: 85373
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.4
 174 101.7 80.2 120.4





#47

Bromodichloromethane

Concen: 19.438 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

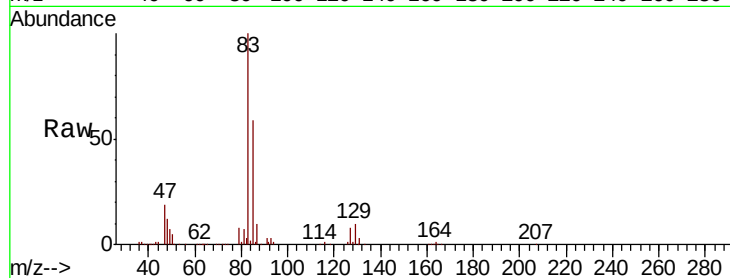
Tgt Ion: 83 Resp: 202793

Ion Ratio Lower Upper

83 100

85 58.6 50.7 76.1

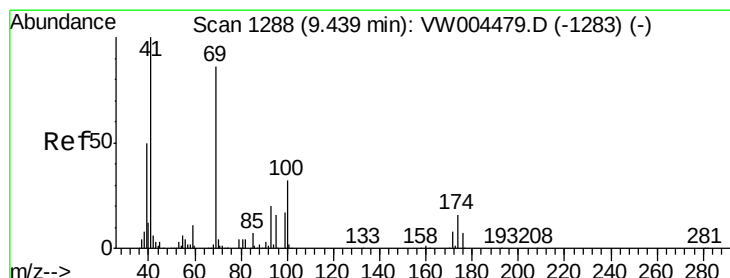
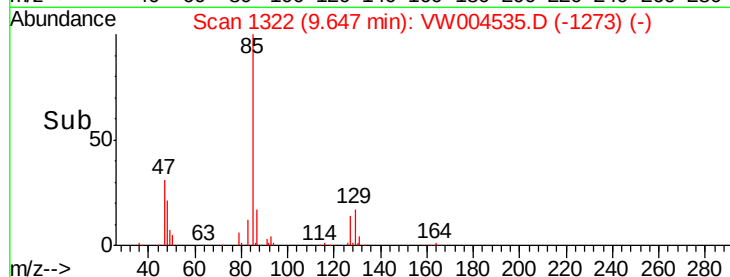
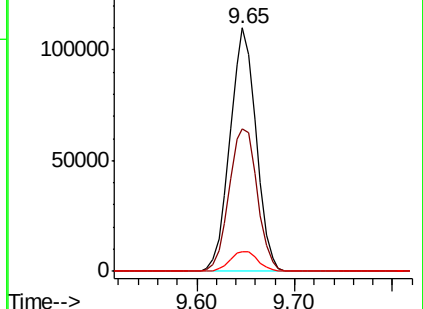
127 8.0 6.5 9.7



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: 18.088 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

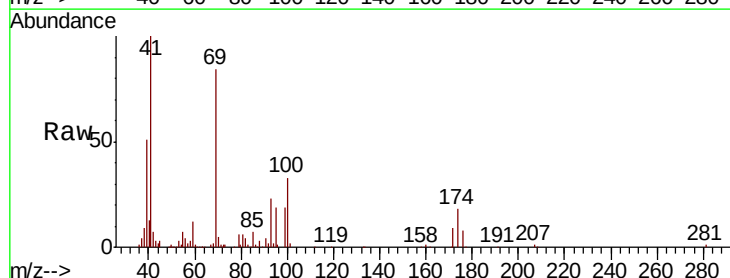
Tgt Ion: 41 Resp: 81480

Ion Ratio Lower Upper

41 100

69 91.1 73.2 109.8

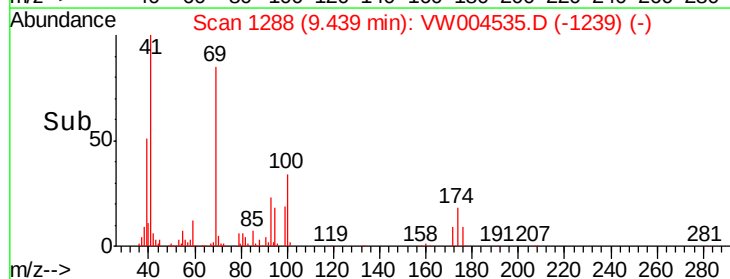
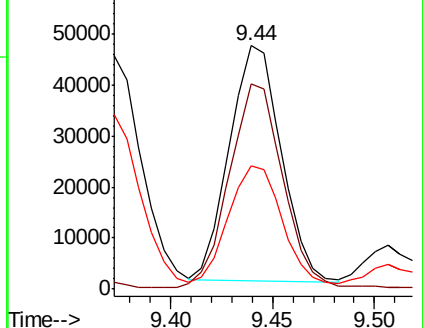
39 51.6 40.6 60.8

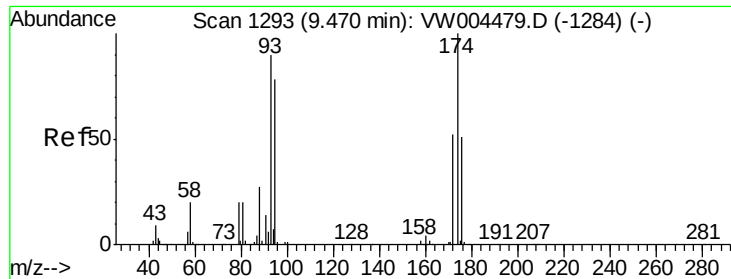


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 372.056 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

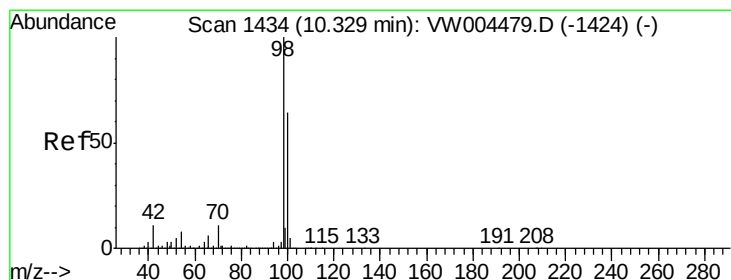
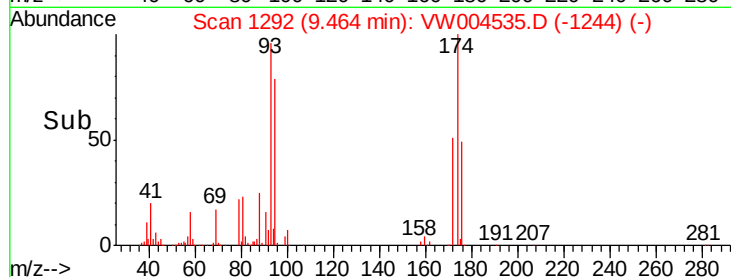
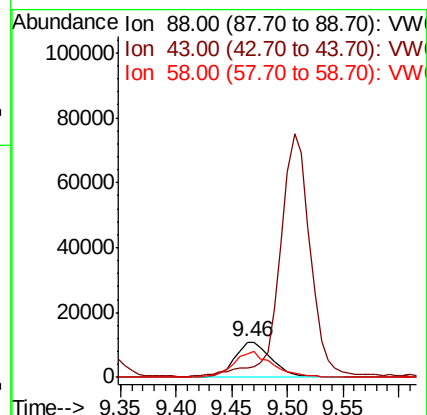
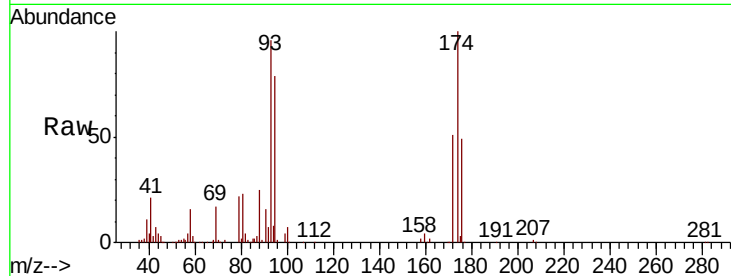
Tgt Ion: 88 Resp: 25088

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.9 63.5 95.3



#50

Toluene-d8

Concen: 49.775 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004535.D

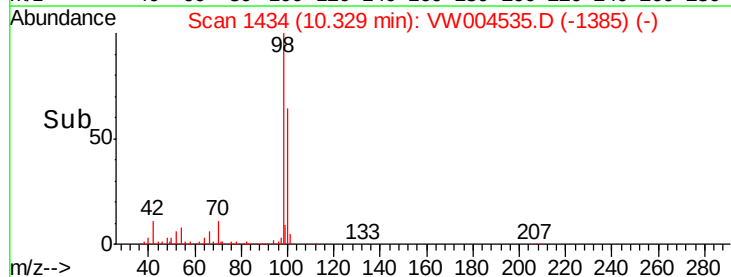
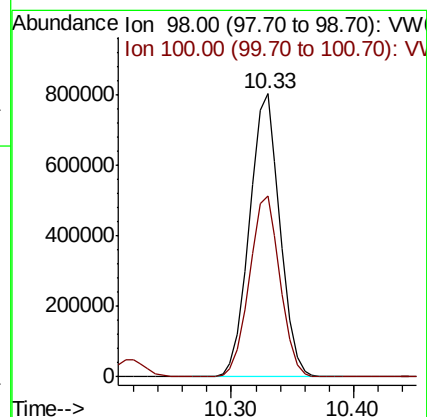
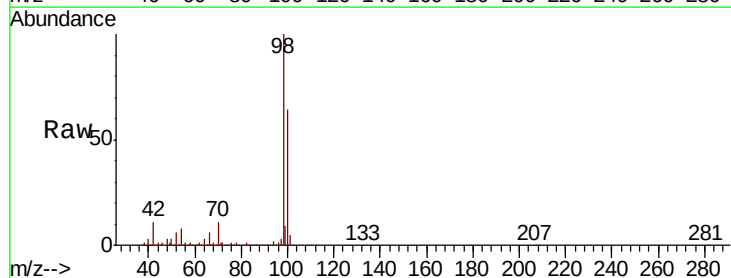
Acq: 08 Aug 2018 19:00

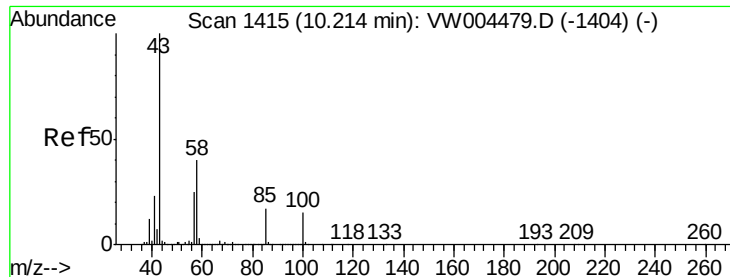
Tgt Ion: 98 Resp: 1387326

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 91.064 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

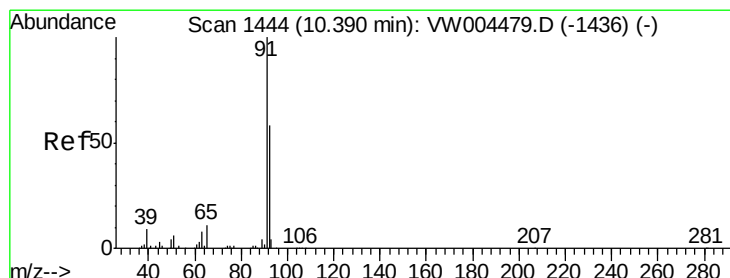
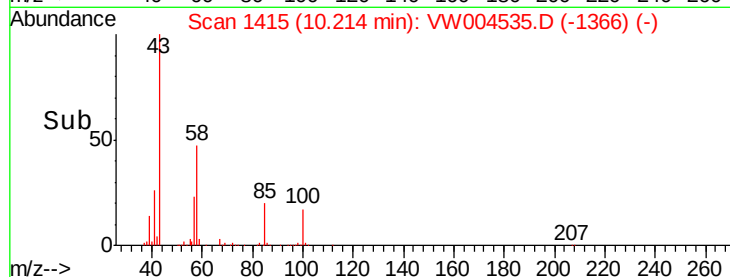
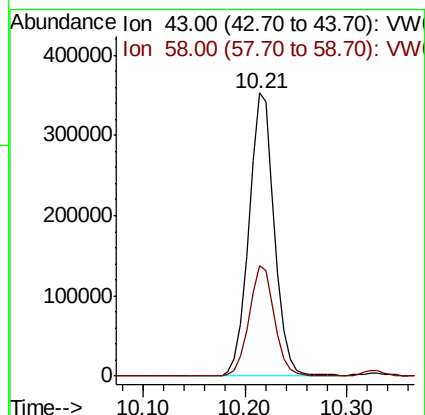
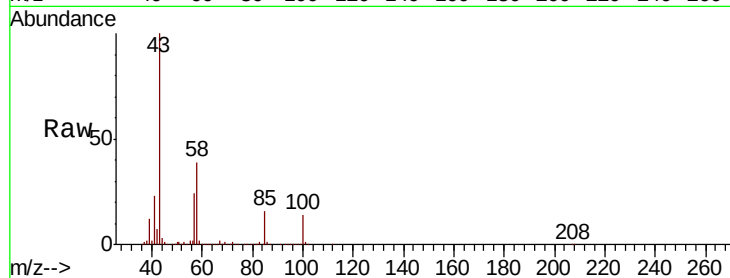
VW0810SBS01

Tgt Ion: 43 Resp: 610929

Ion Ratio Lower Upper

43 100

58 38.9 31.9 47.9



#52

Toluene

Concen: 20.253 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004535.D

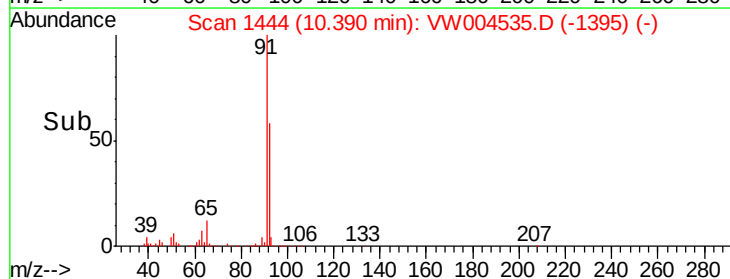
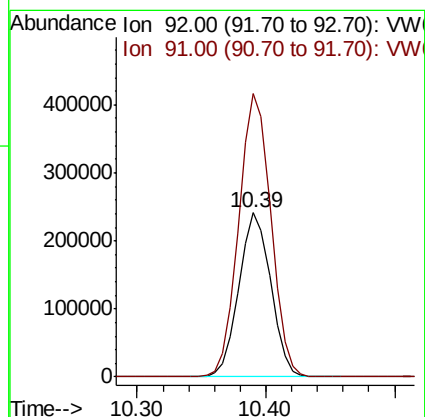
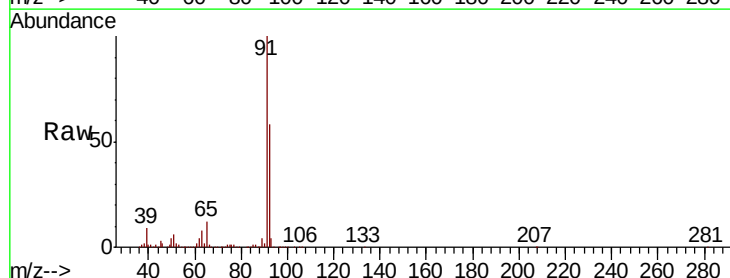
Acq: 08 Aug 2018 19:00

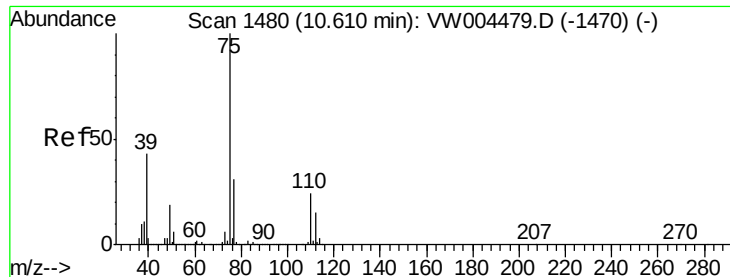
Tgt Ion: 92 Resp: 414041

Ion Ratio Lower Upper

92 100

91 174.0 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 18.522 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

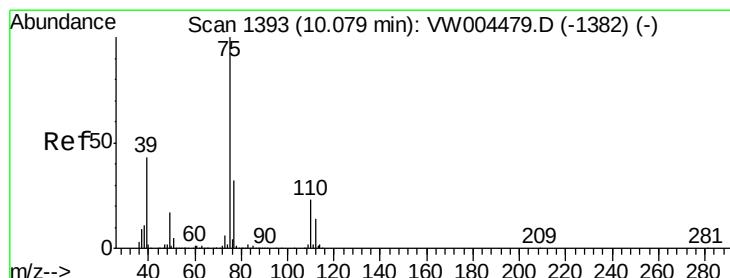
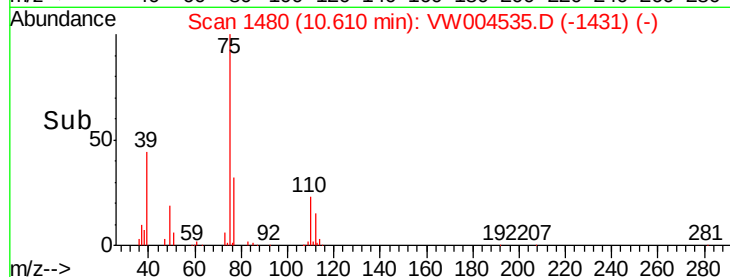
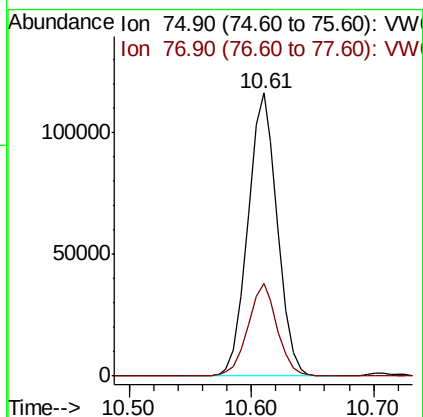
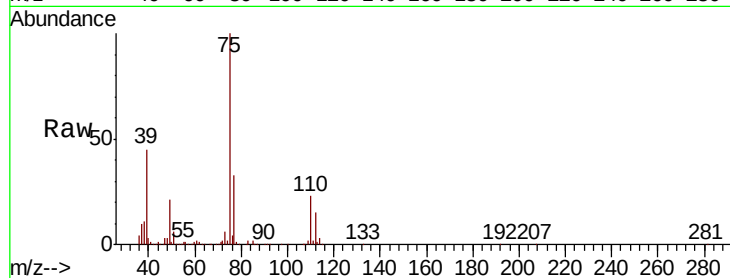
VW0810SBS01

Tgt Ion: 75 Resp: 194031

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.314 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

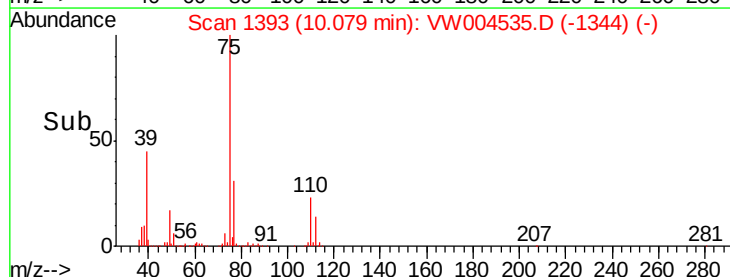
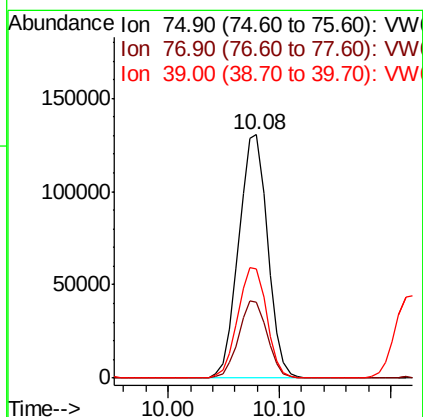
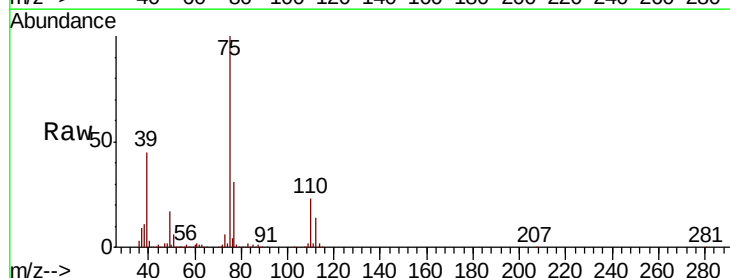
Tgt Ion: 75 Resp: 235788

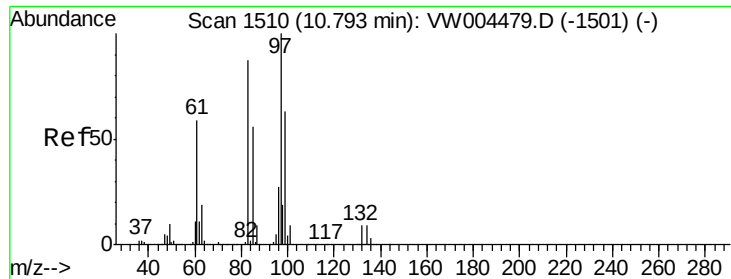
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 44.6 34.5 51.7

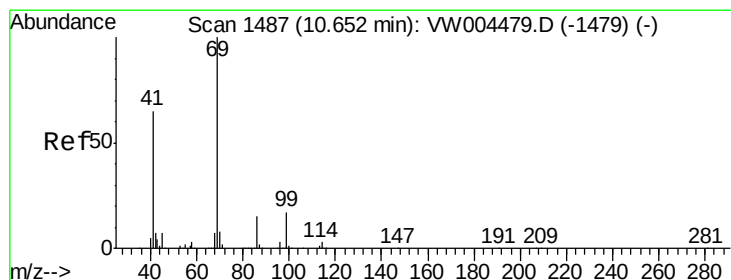
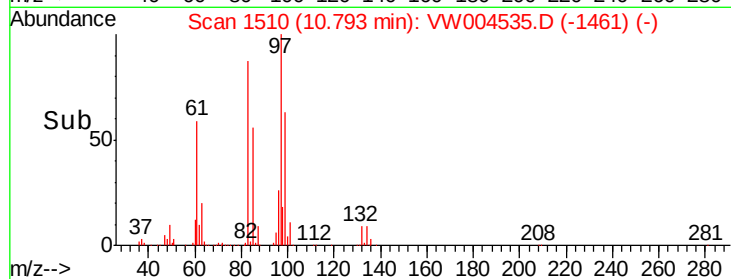
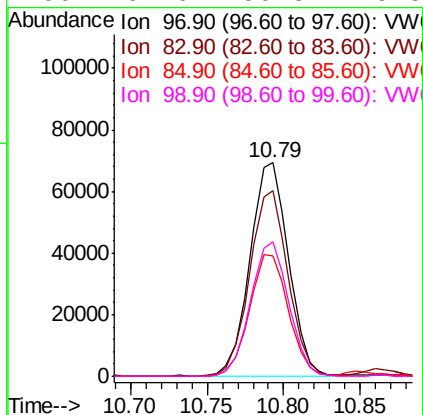
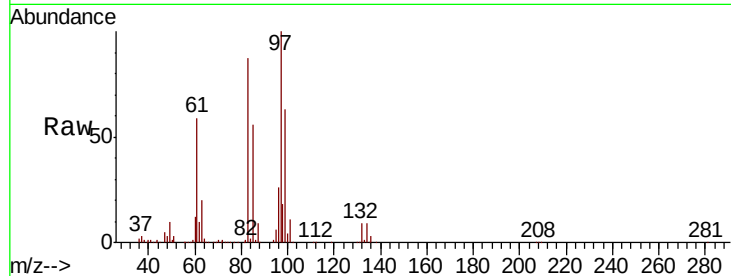




#55
 1,1,2-Trichloroethane
 Concen: 19.133 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

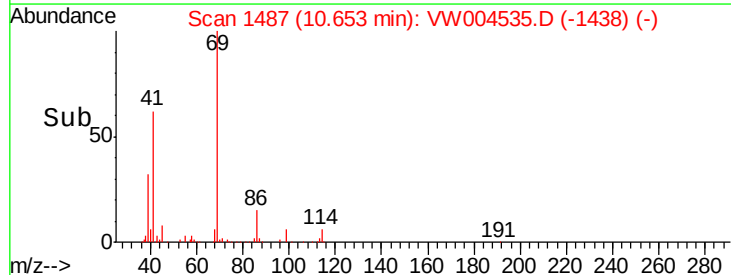
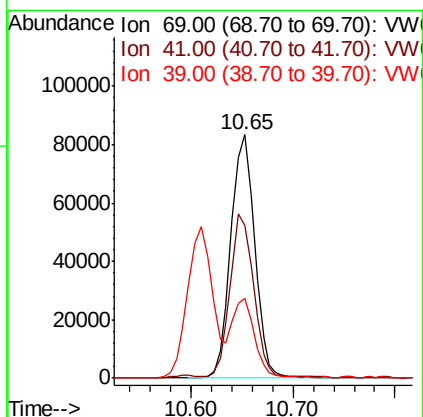
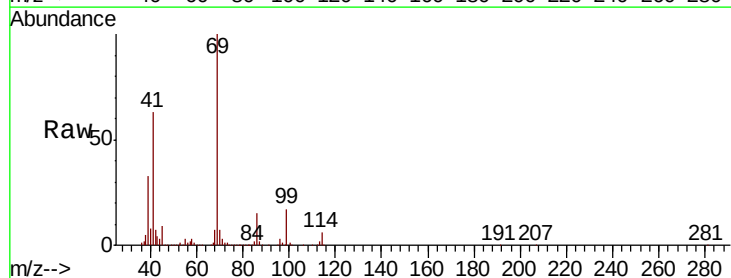
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

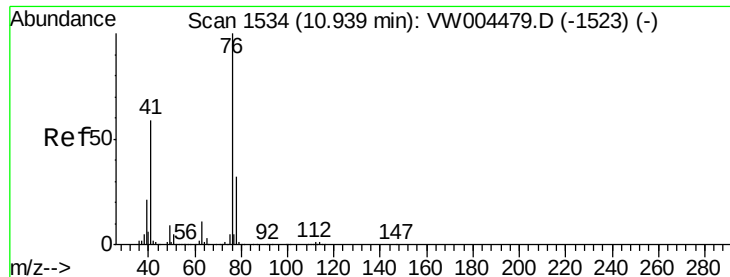
Tgt Ion:	97	Resp:	121208
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.8	104.8
85	56.3	45.1	67.7
99	62.6	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 17.869 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion:	69	Resp:	135529
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.4	78.6
39	29.4	22.7	34.1

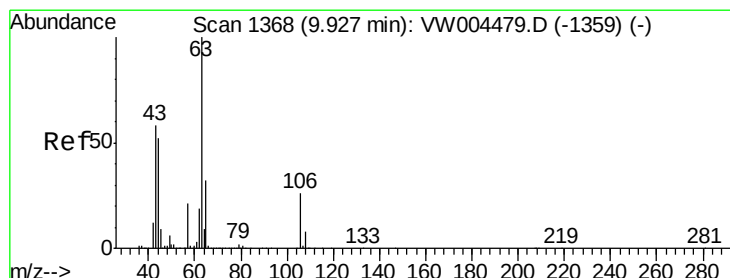
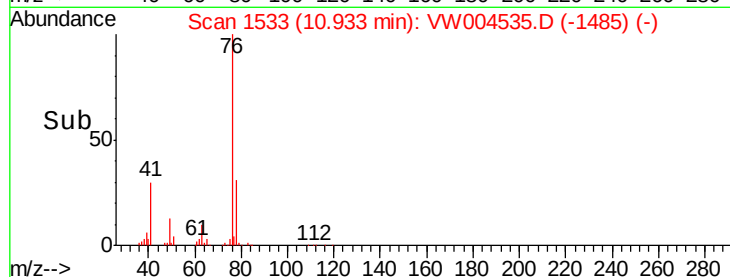
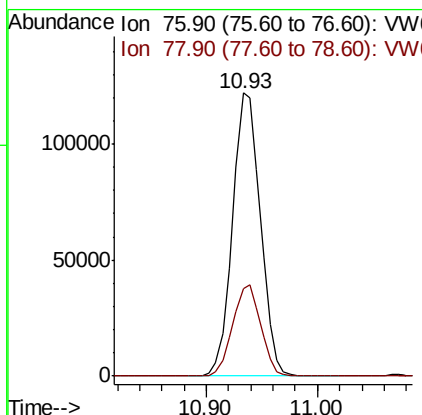
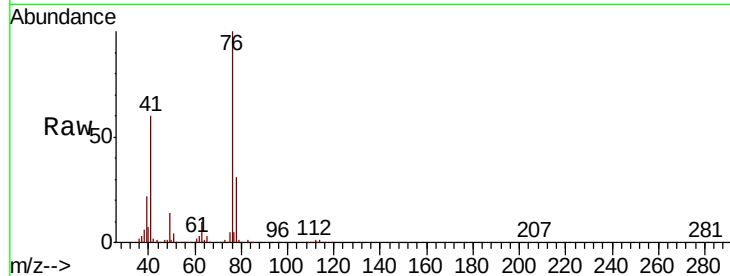




#57
 1,3-Dichloropropane
 Concen: 19.334 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

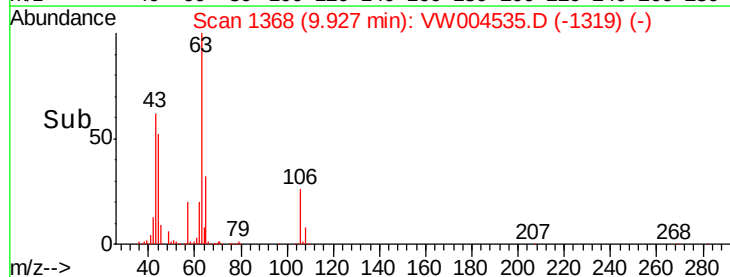
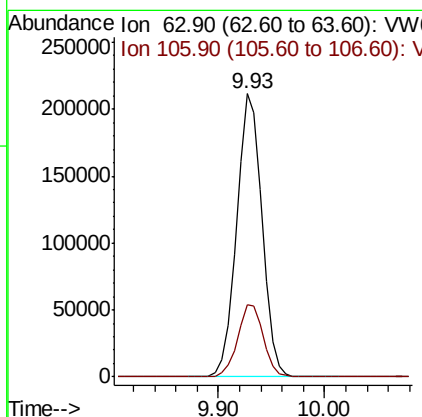
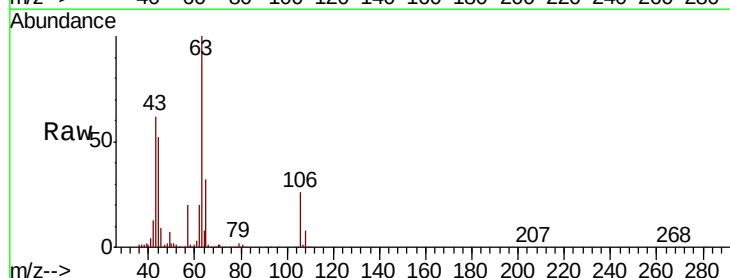
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

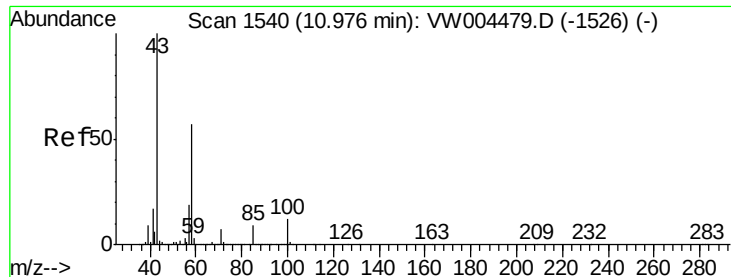
Tgt Ion: 76 Resp: 211106
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.553 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion: 63 Resp: 353439
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.3 31.9

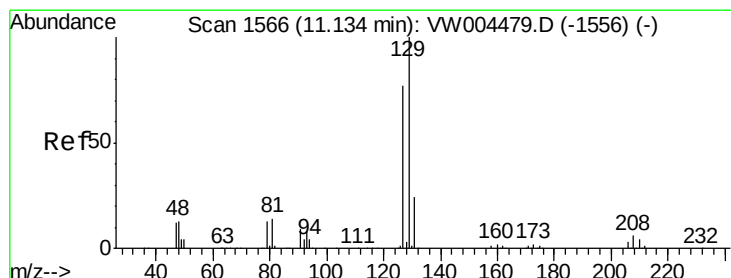
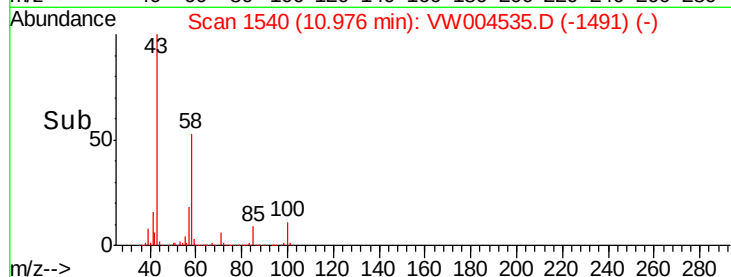
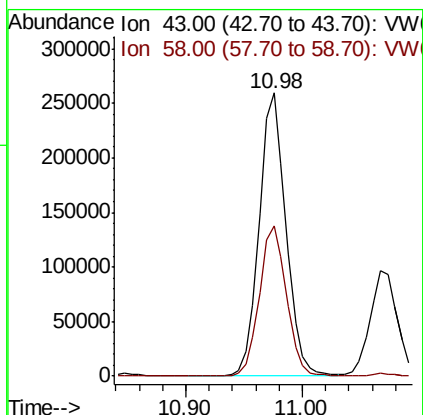
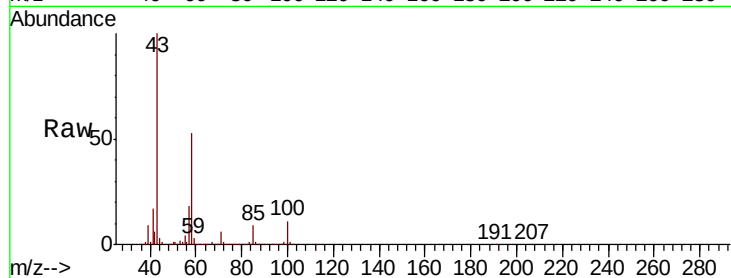




#59
2-Hexanone
Concen: 91.075 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

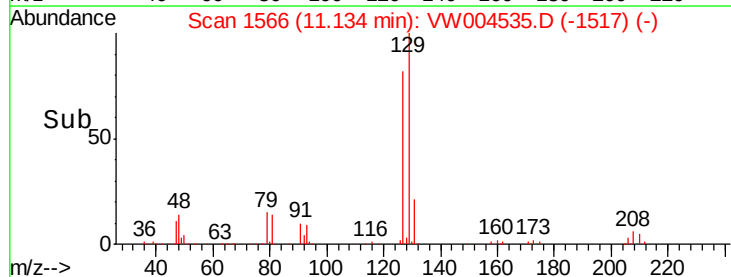
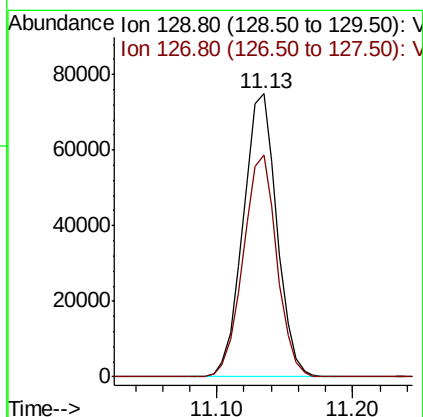
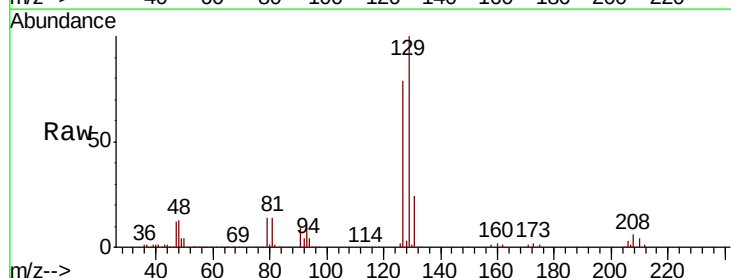
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

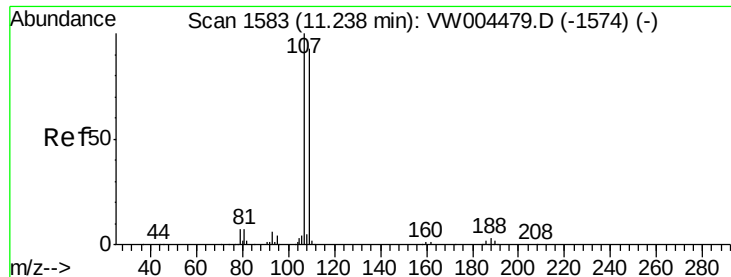
Tgt Ion: 43 Resp: 414265
Ion Ratio Lower Upper
43 100
58 53.7 27.9 83.6



#60
Dibromochloromethane
Concen: 18.876 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion: 129 Resp: 130062
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.807 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

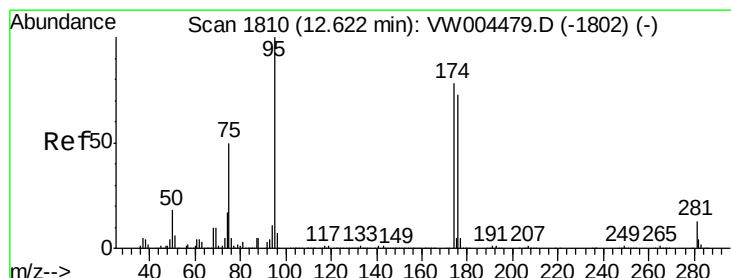
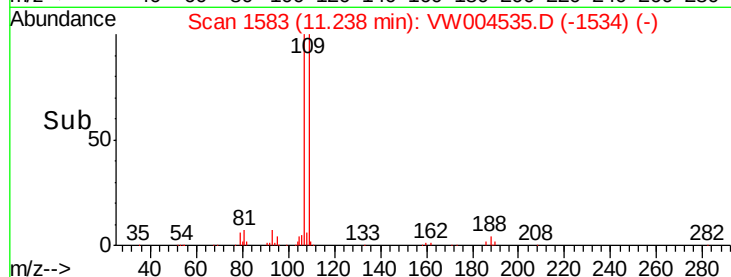
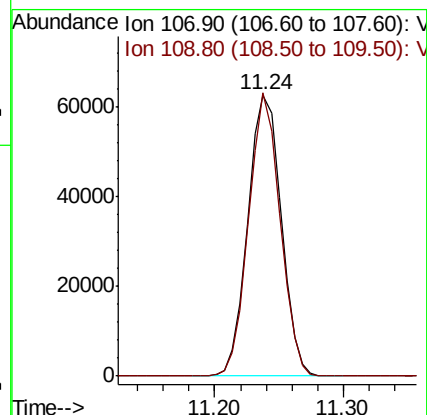
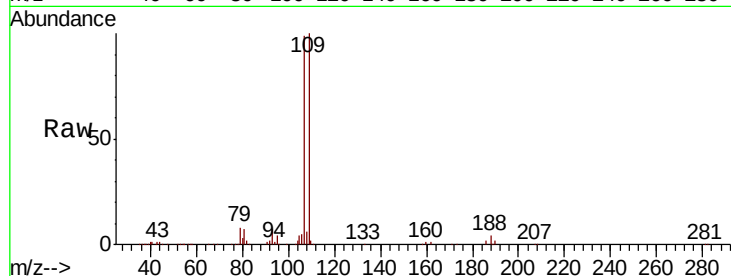
VW0810SBS01

Tgt Ion: 107 Resp: 111935

Ion Ratio Lower Upper

107 100

109 95.2 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 49.670 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

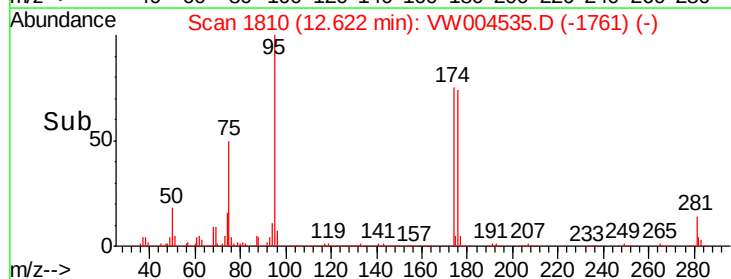
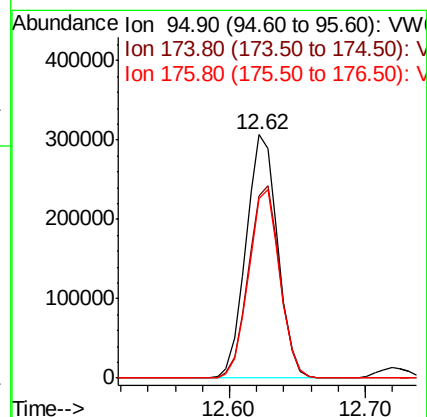
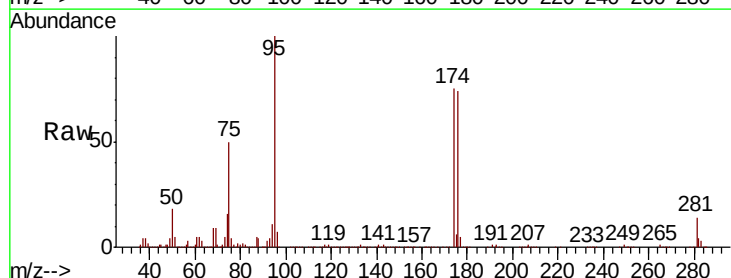
Tgt Ion: 95 Resp: 498688

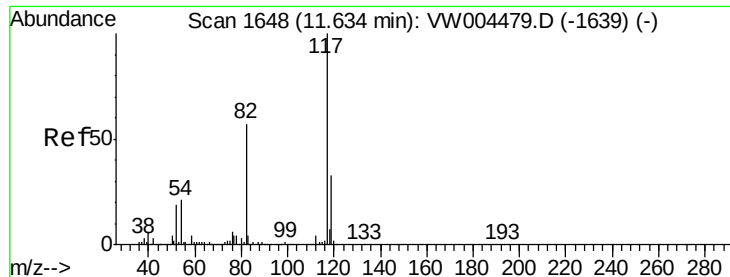
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.4

176 76.3 0.0 153.2

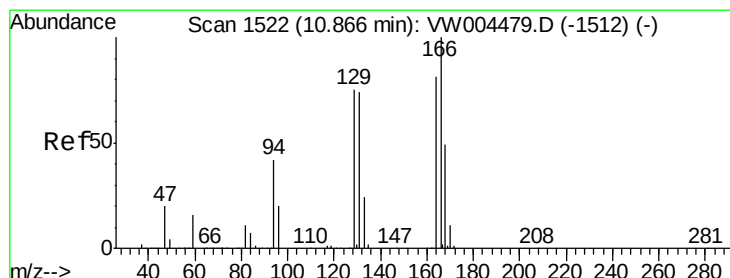
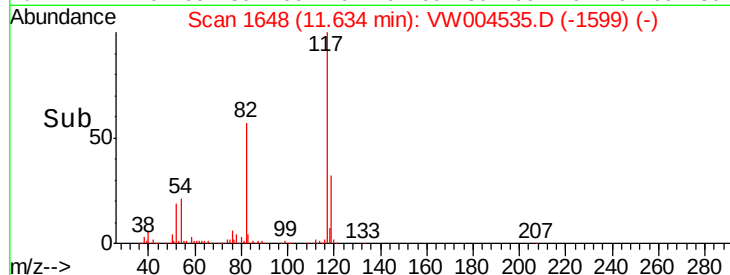
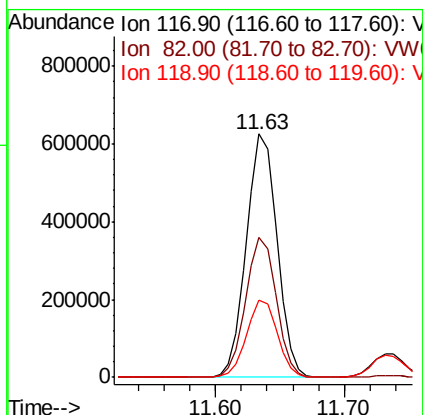
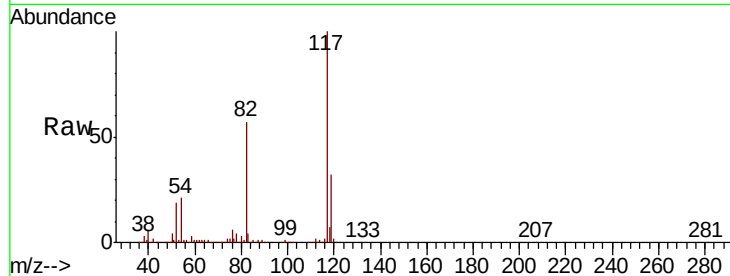




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

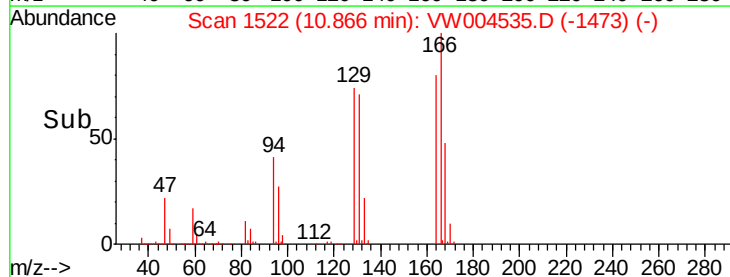
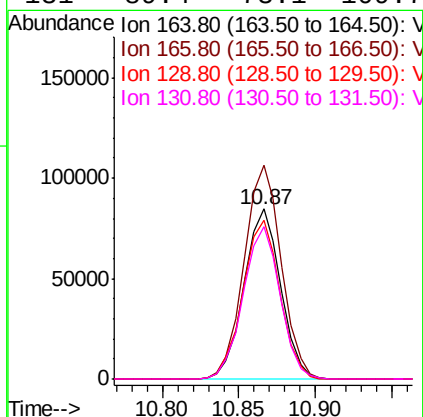
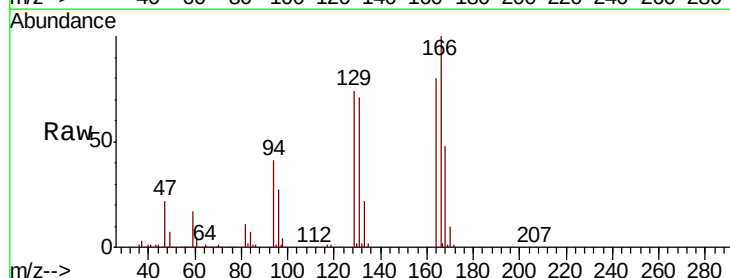
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

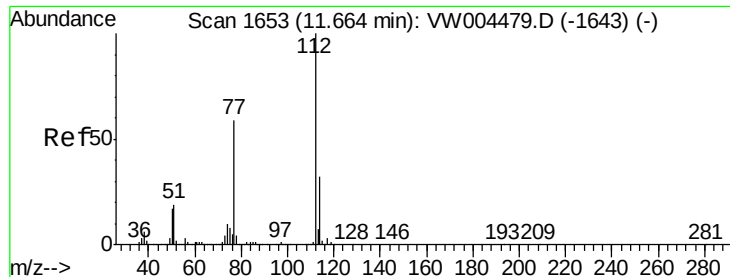
Tgt Ion:117 Resp: 1029351
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 19.618 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion:164 Resp: 140872
Ion Ratio Lower Upper
164 100
166 125.8 98.4 147.6
129 93.4 73.6 110.4
131 89.4 73.1 109.7

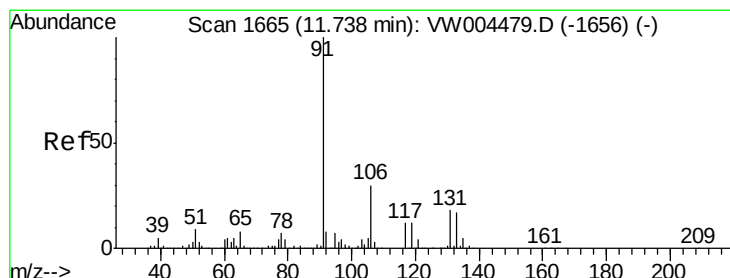
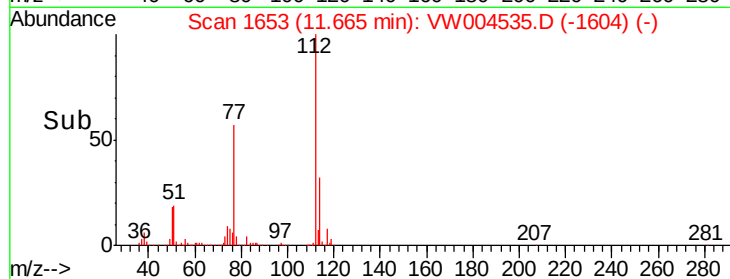
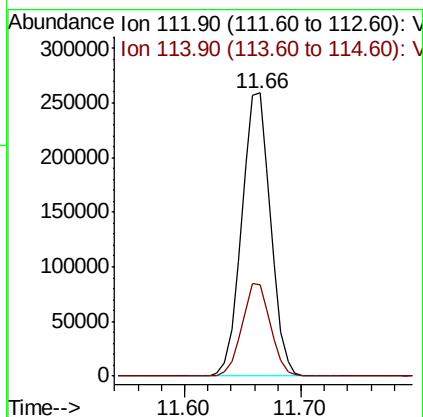
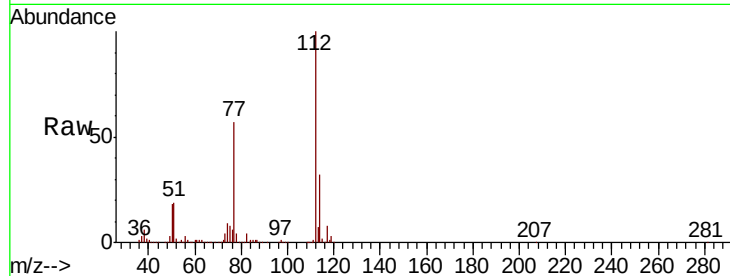




#65
Chlorobenzene
Concen: 19.736 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

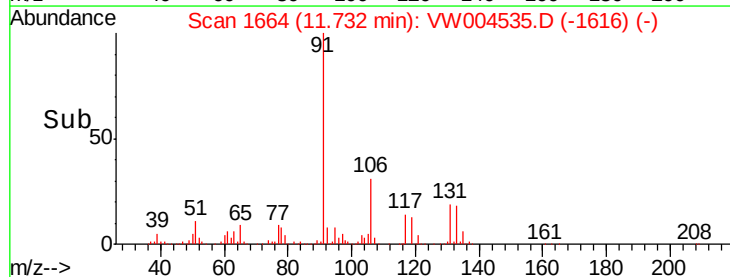
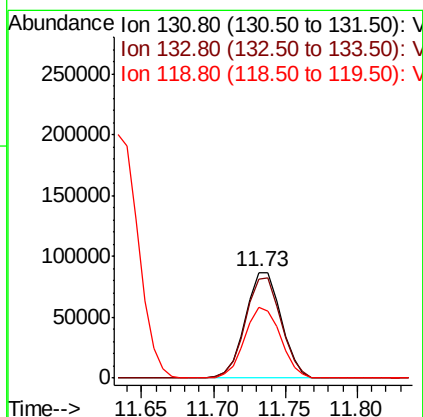
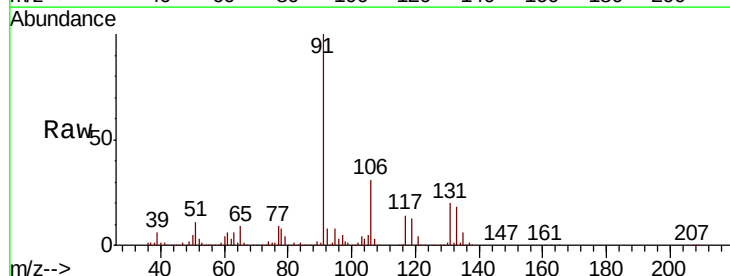
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

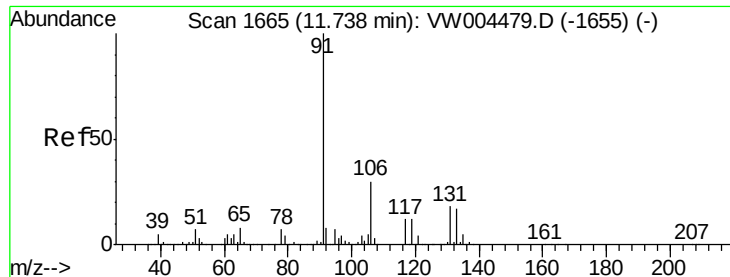
Tgt Ion:112 Resp: 447716
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.426 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion:131 Resp: 150030
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 67.4 33.9 101.7

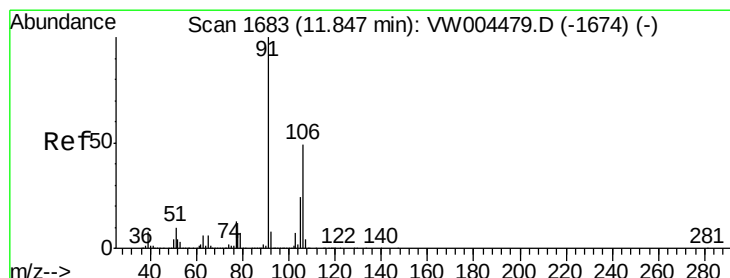
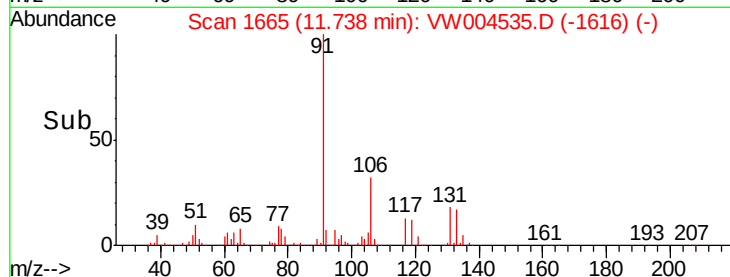
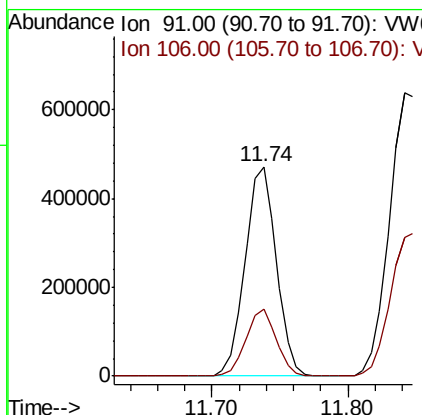
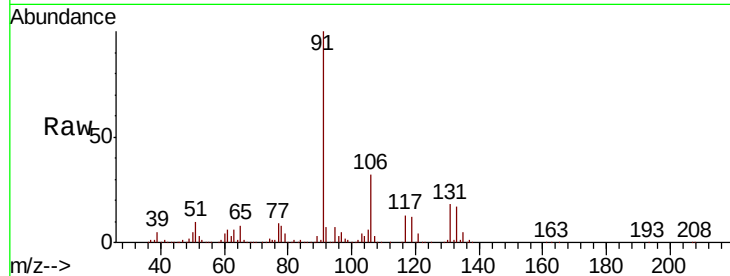




#67
Ethyl Benzene
Concen: 19.782 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

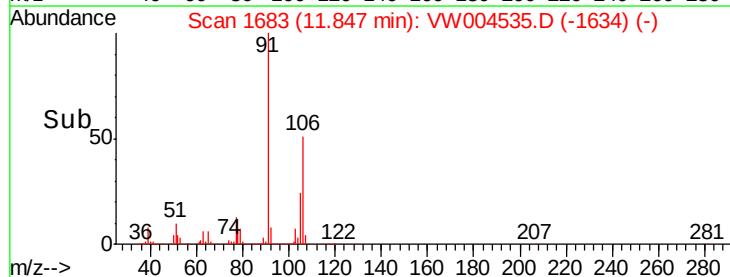
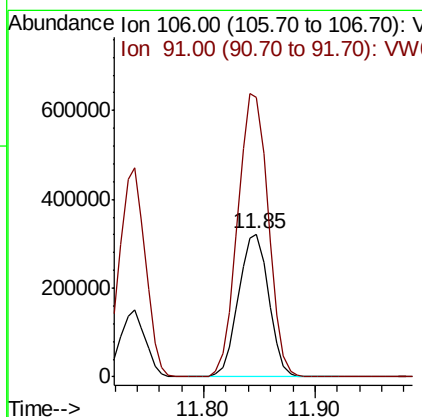
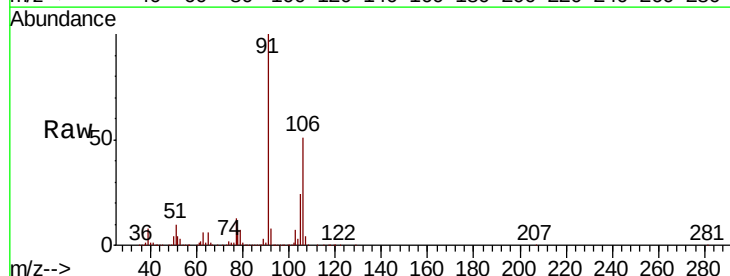
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

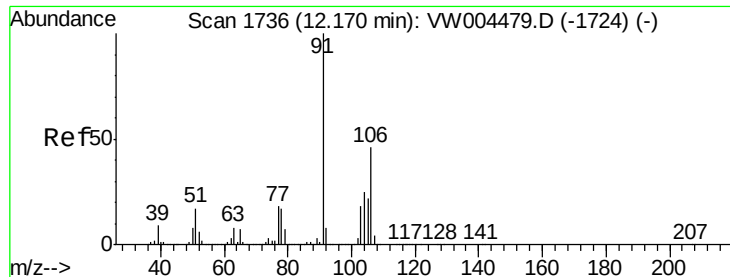
Tgt Ion: 91 Resp: 760713
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.2



#68
m/p-Xylenes
Concen: 40.785 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion: 106 Resp: 606136
Ion Ratio Lower Upper
106 100
91 200.4 162.8 244.2

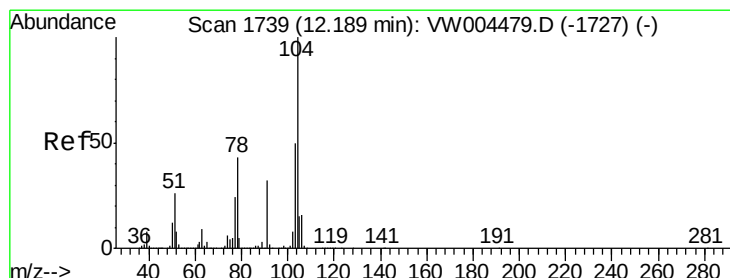
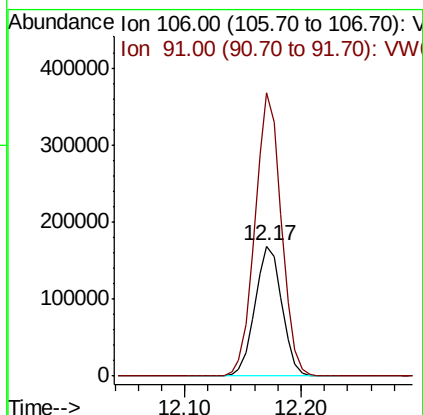
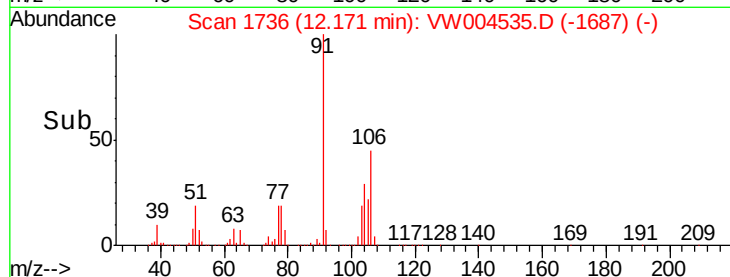
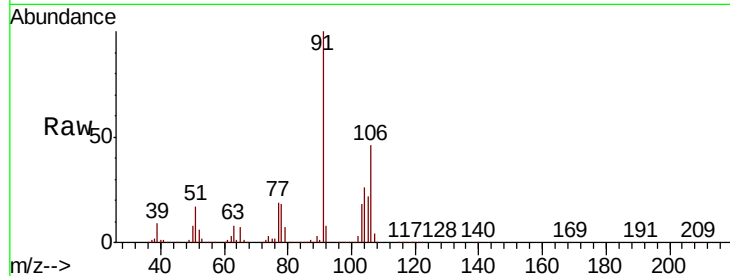




#69
o-Xylene
Concen: 19.767 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

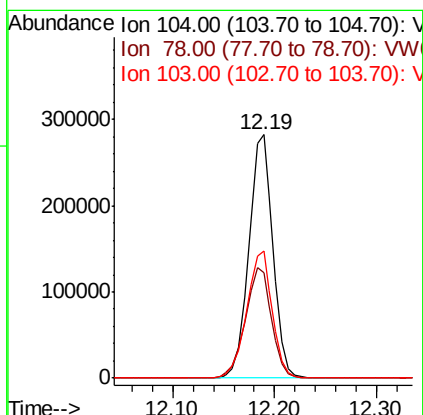
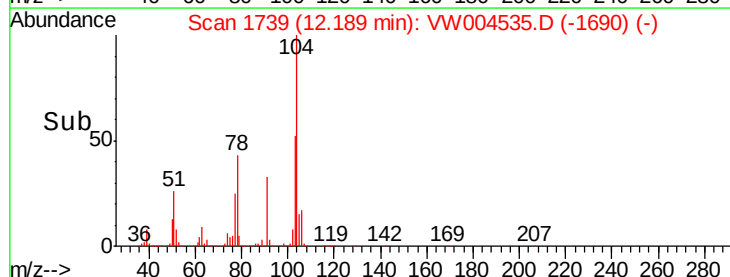
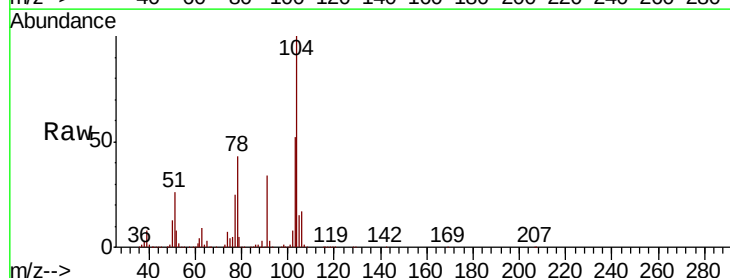
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

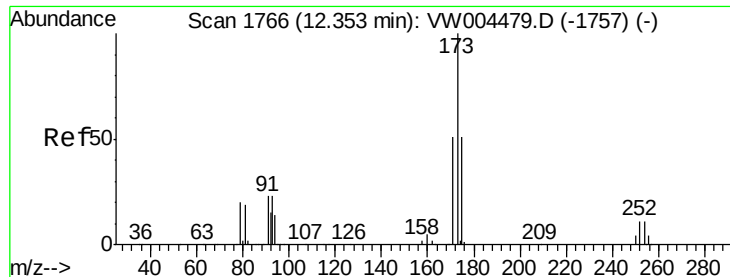
Tgt Ion:106 Resp: 272438
Ion Ratio Lower Upper
106 100
91 213.3 106.7 320.2



#70
Styrene
Concen: 19.952 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion:104 Resp: 464615
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 55.3 44.2 66.2

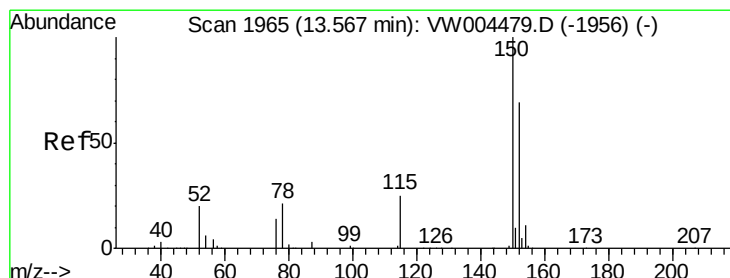
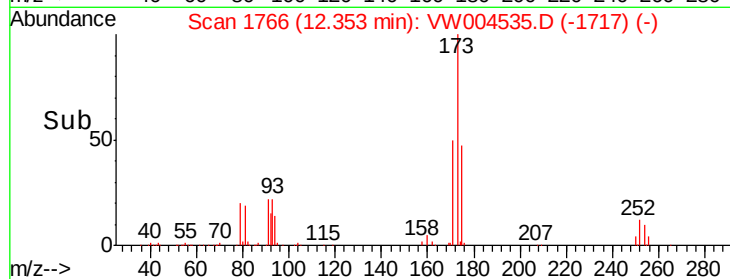
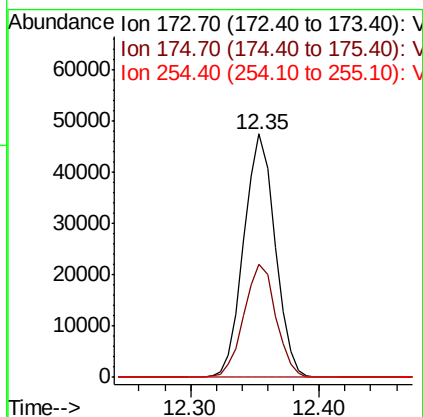
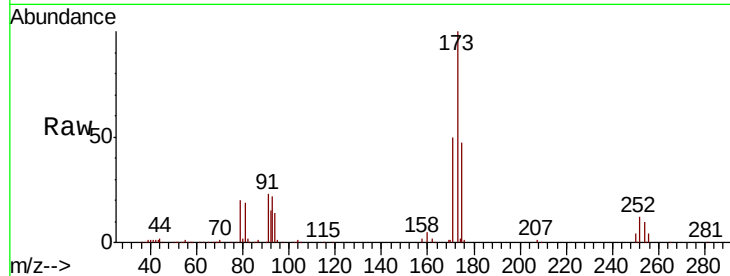




#71
Bromoform
Concen: 18.724 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

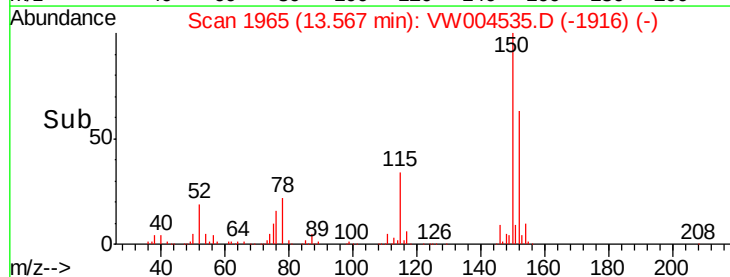
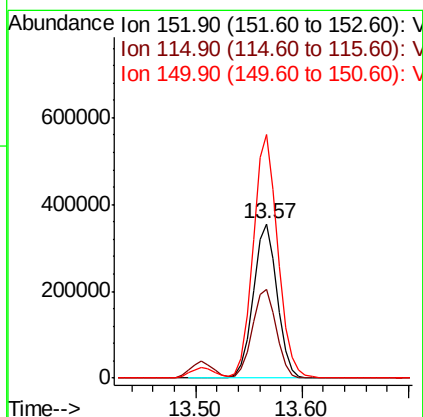
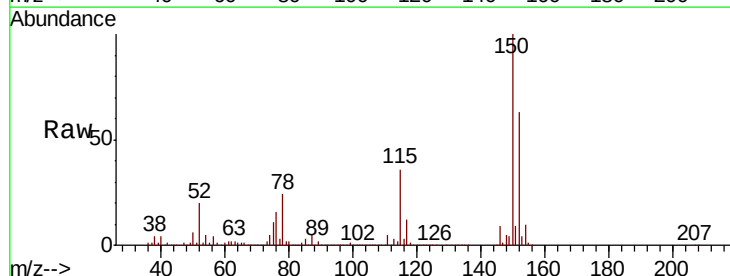
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

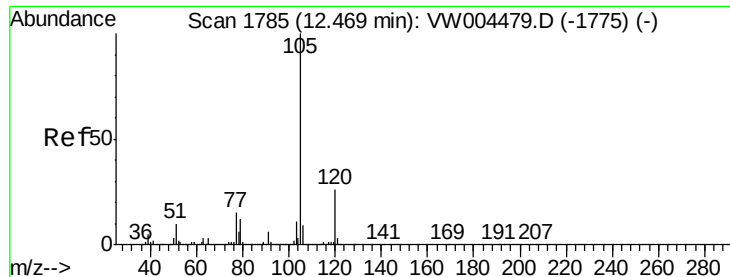
Tgt Ion:173 Resp: 79497
Ion Ratio Lower Upper
173 100
175 47.4 24.5 73.5
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion:152 Resp: 553434
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.3
150 164.0 0.0 349.6





#73

Isopropylbenzene

Concen: 19.664 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

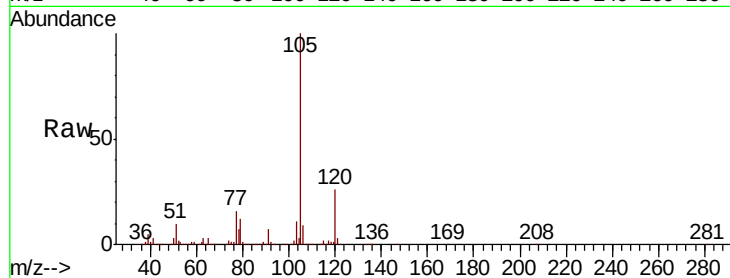
VW0810SBS01

Tgt Ion: 105 Resp: 752754

Ion Ratio Lower Upper

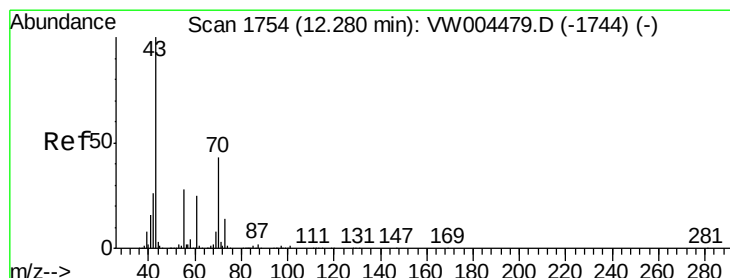
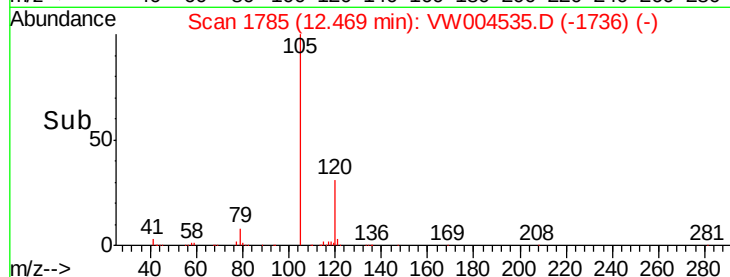
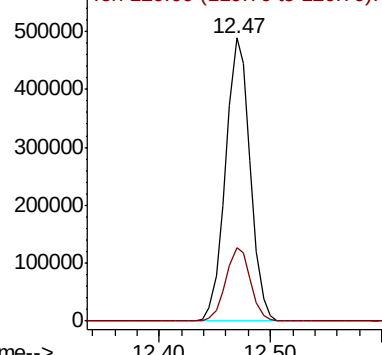
105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.012 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion: 43 Resp: 167194

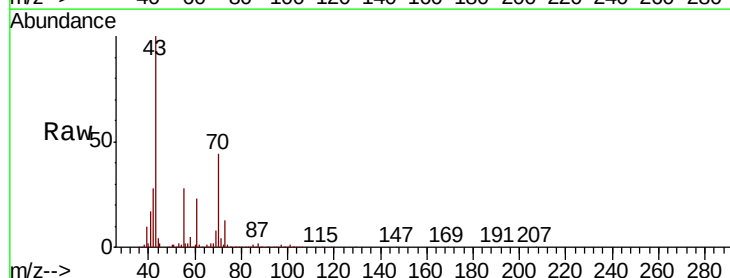
Ion Ratio Lower Upper

43 100

70 43.5 35.3 52.9

55 30.8 22.9 34.3

61 23.0 19.7 29.5

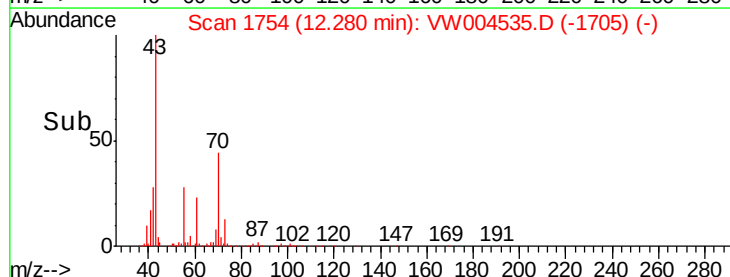
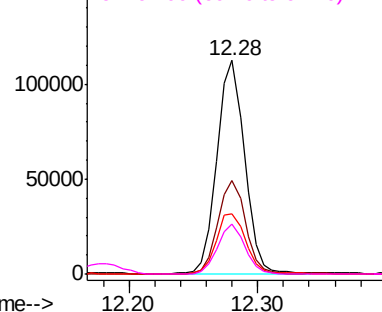


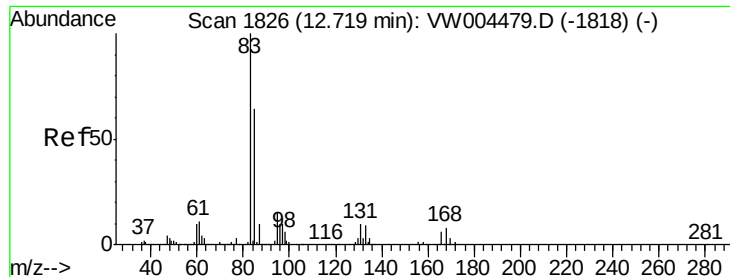
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.031 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

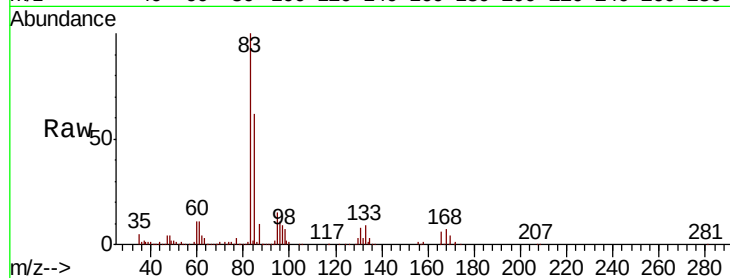
Tgt Ion: 83 Resp: 152077

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

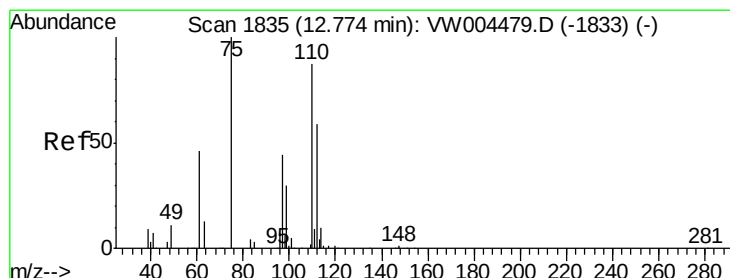
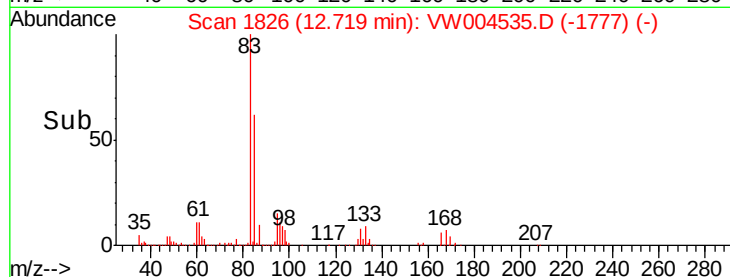
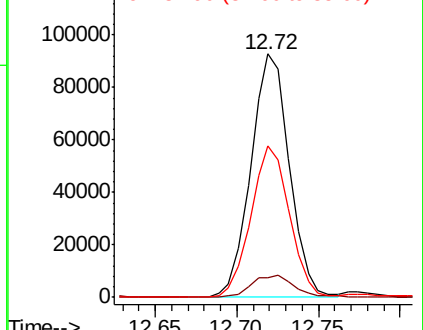
85 62.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.004 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004535.D

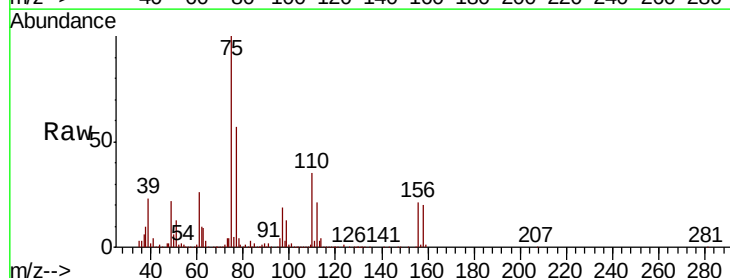
Acq: 08 Aug 2018 19:00

Tgt Ion: 75 Resp: 189008

Ion Ratio Lower Upper

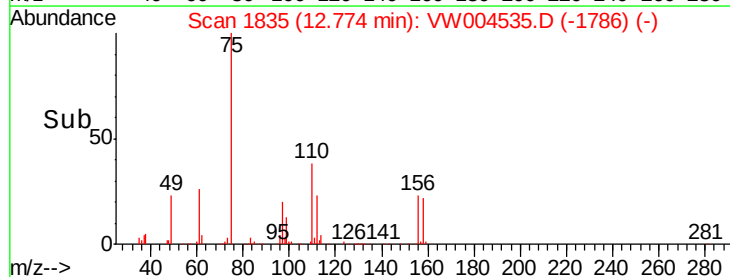
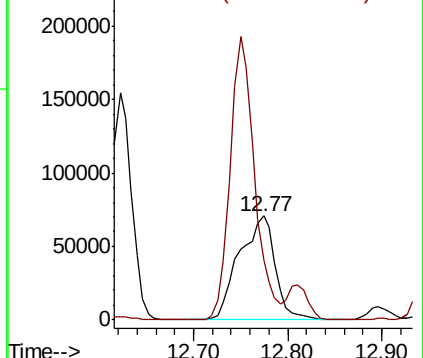
75 100

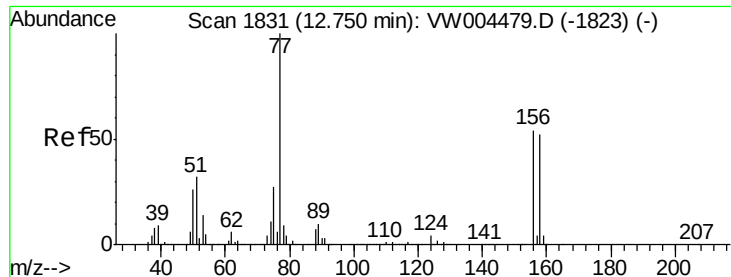
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.610 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

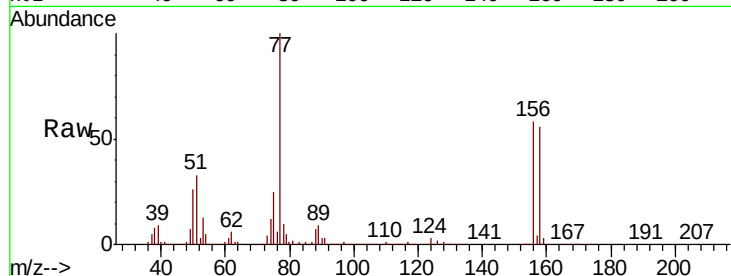
Tgt Ion:156 Resp: 181618

Ion Ratio Lower Upper

156 100

77 192.1 98.7 296.1

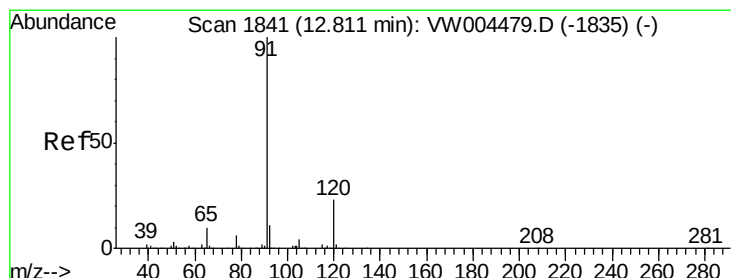
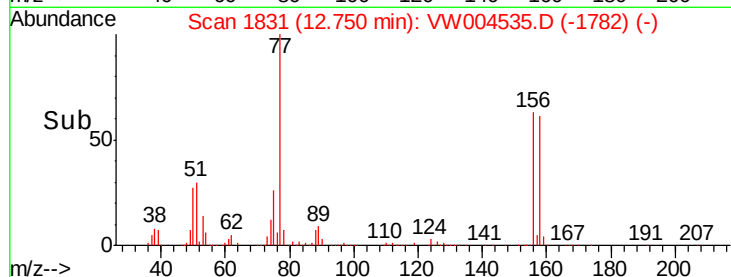
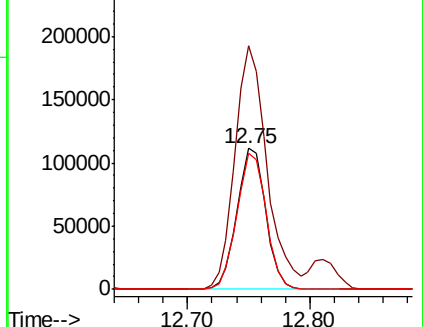
158 97.6 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.223 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004535.D

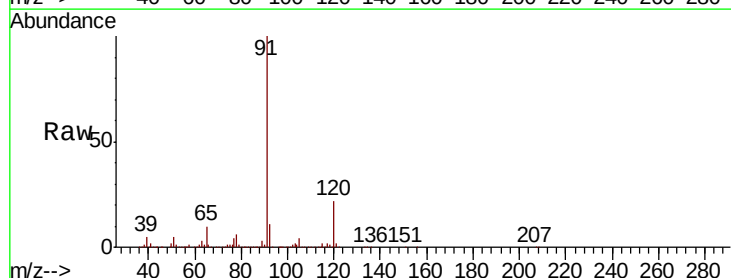
Acq: 08 Aug 2018 19:00

Tgt Ion: 91 Resp: 955248

Ion Ratio Lower Upper

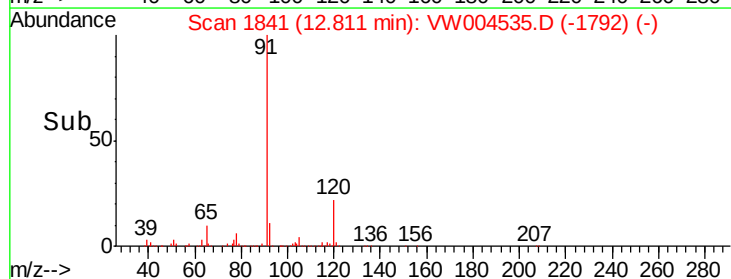
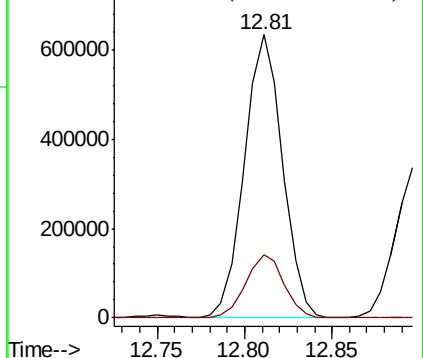
91 100

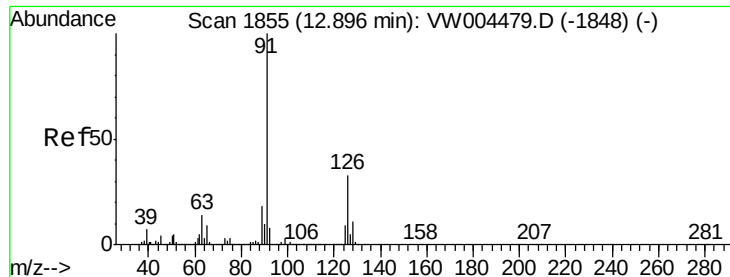
120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

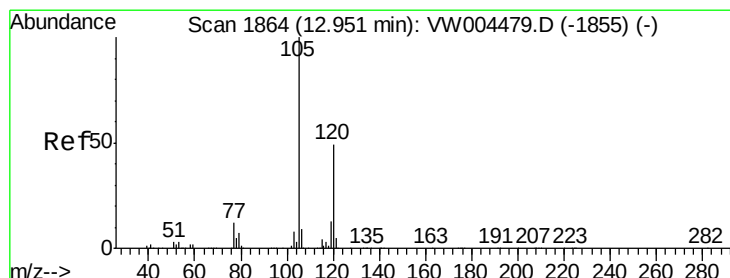
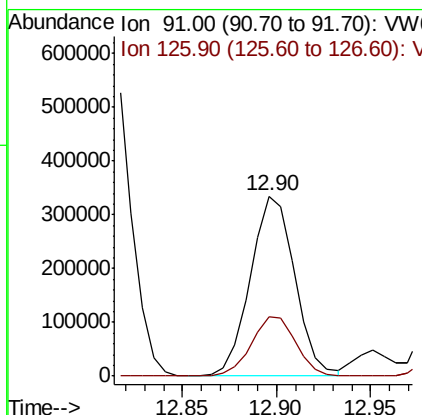
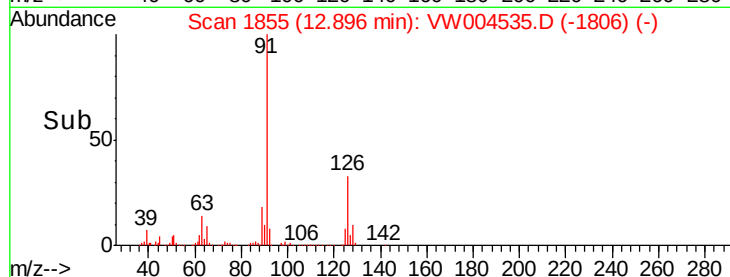
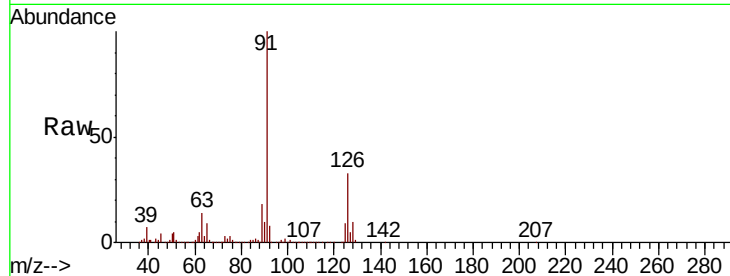




#79
 2-Chlorotoluene
 Concen: 20.031 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

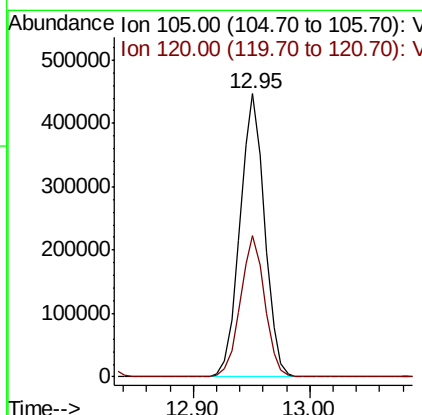
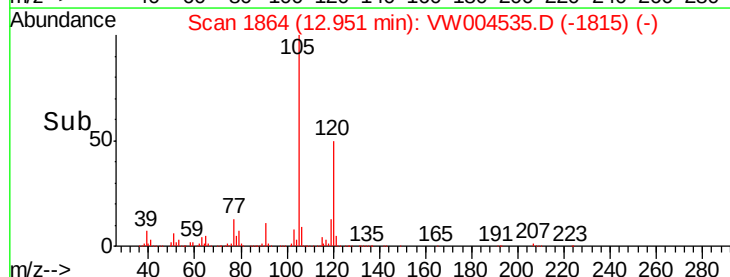
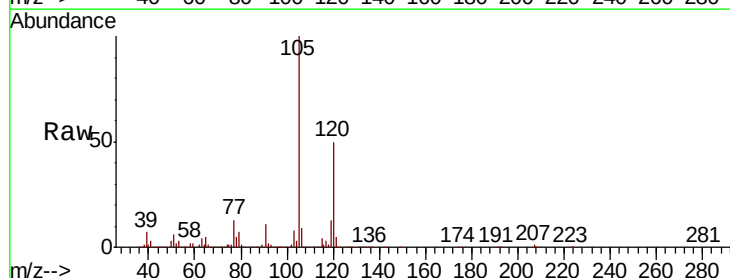
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

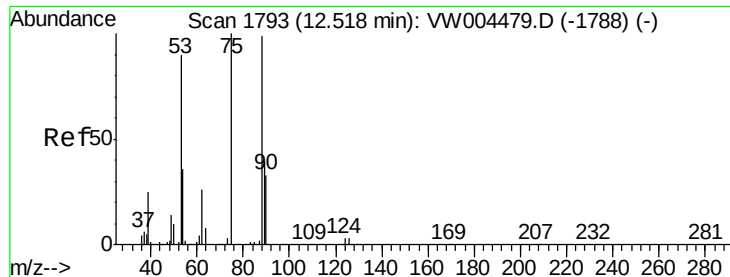
Tgt Ion: 91 Resp: 547552
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.163 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion: 105 Resp: 658413
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.165 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

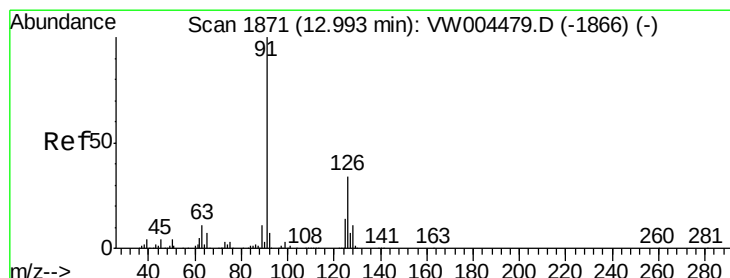
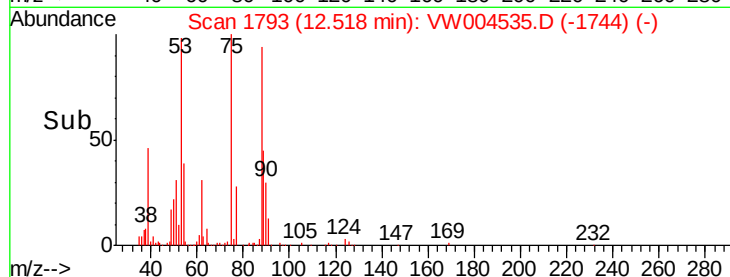
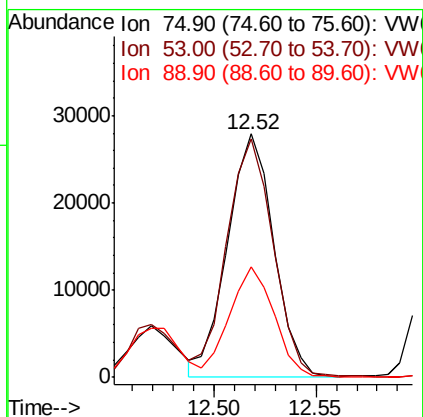
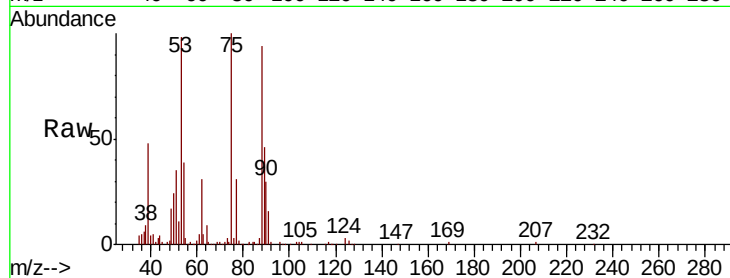
Tgt Ion: 75 Resp: 43457

Ion Ratio Lower Upper

75 100

53 99.9 74.4 111.6

89 44.3 35.9 53.9



#82

4-Chlorotoluene

Concen: 20.247 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004535.D

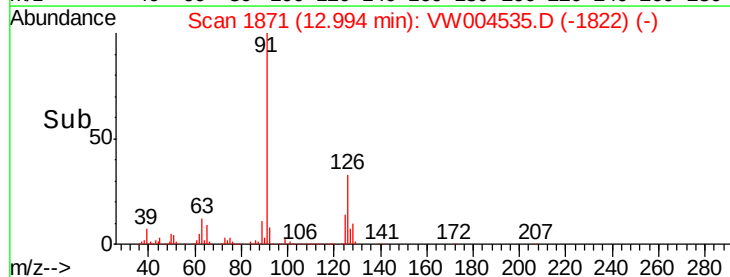
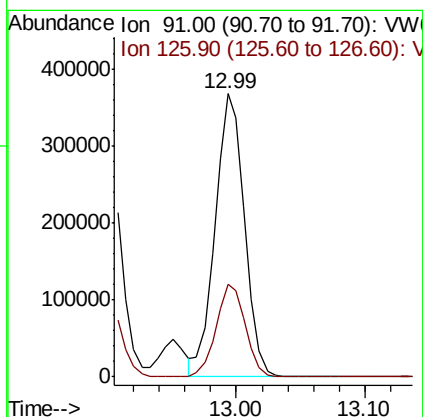
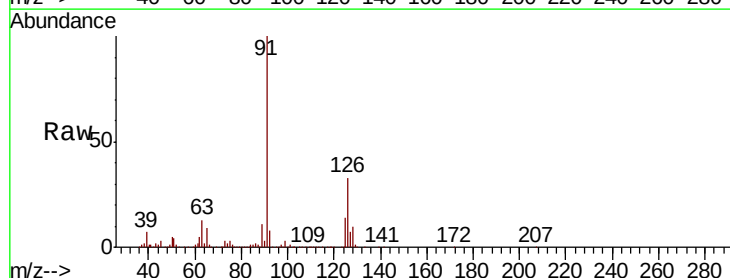
Acq: 08 Aug 2018 19:00

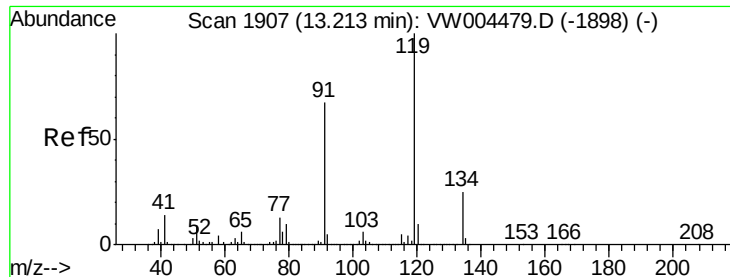
Tgt Ion: 91 Resp: 587379

Ion Ratio Lower Upper

91 100

126 32.6 16.5 49.5

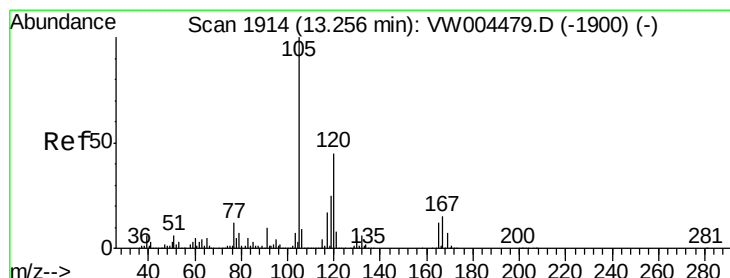
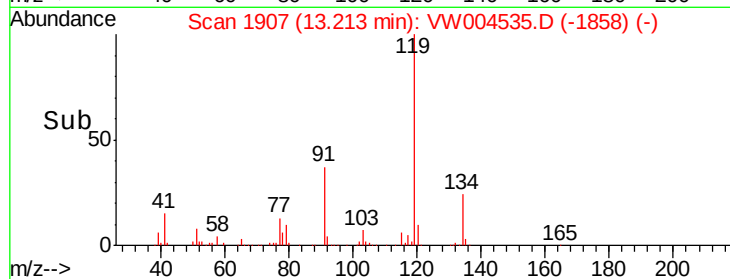
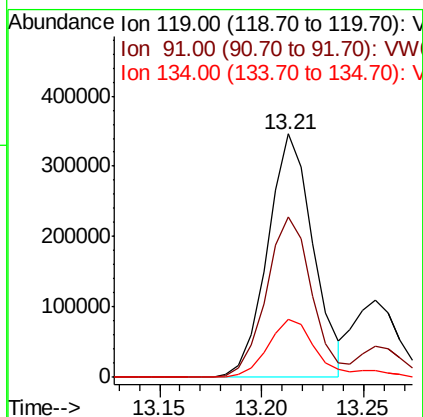
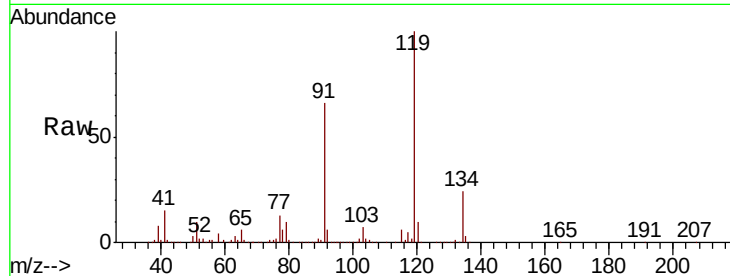




#83
tert-Butylbenzene
Concen: 19.723 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

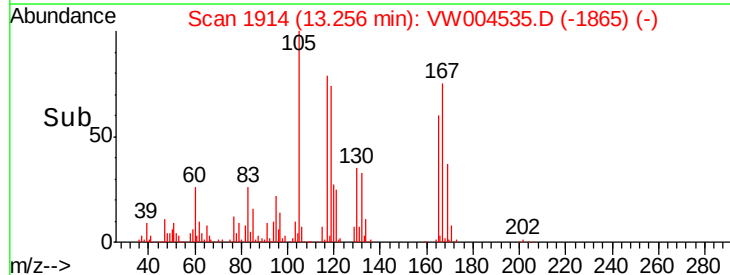
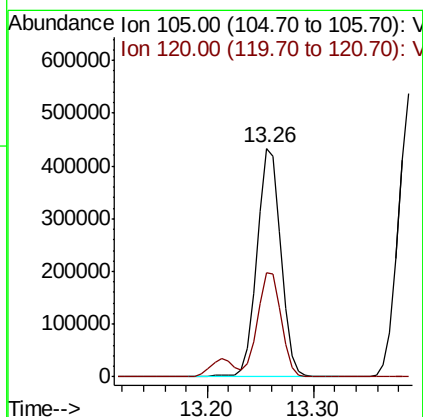
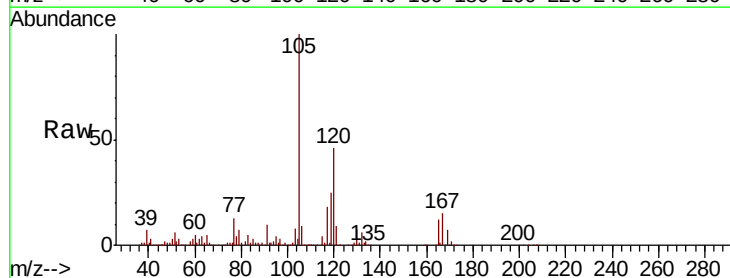
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

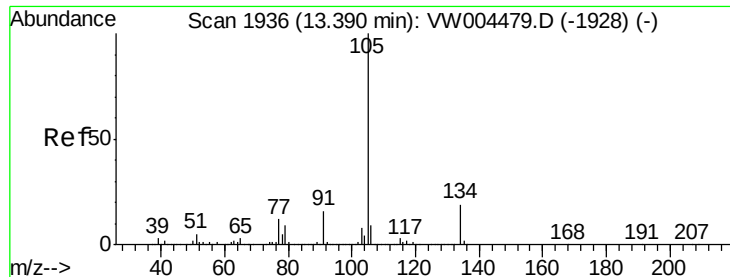
Tgt Ion:119 Resp: 540221
Ion Ratio Lower Upper
119 100
91 66.4 33.3 99.8
134 26.5 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 20.158 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion:105 Resp: 681439
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8

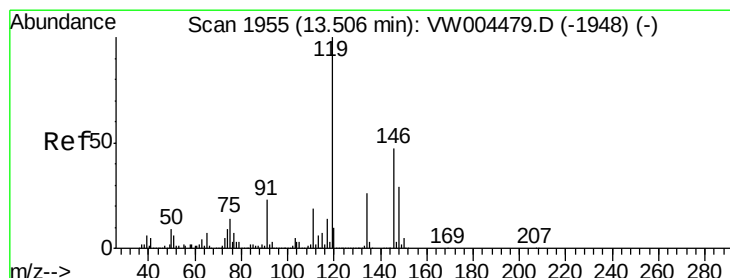
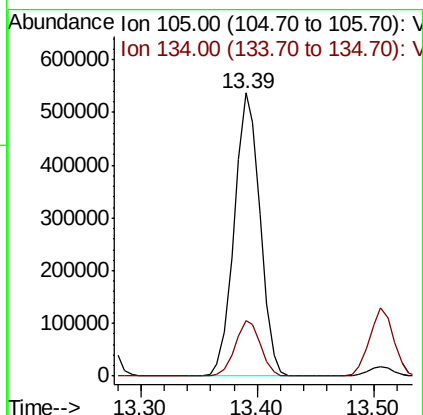
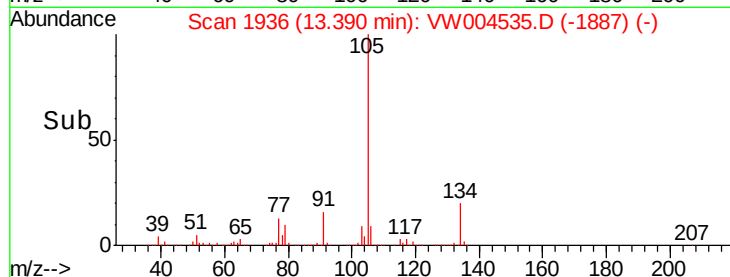
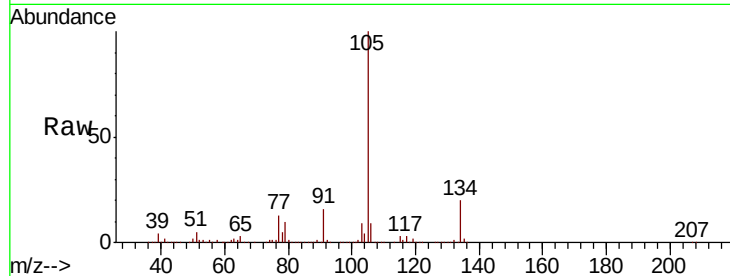




#85
 sec-Butylbenzene
 Concen: 19.985 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

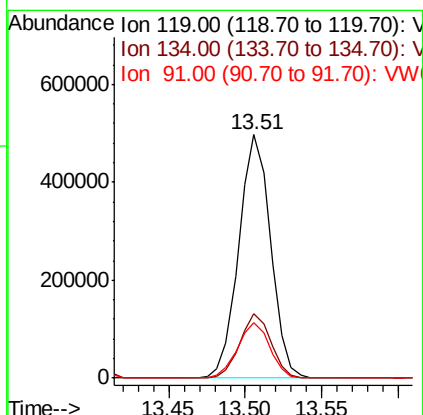
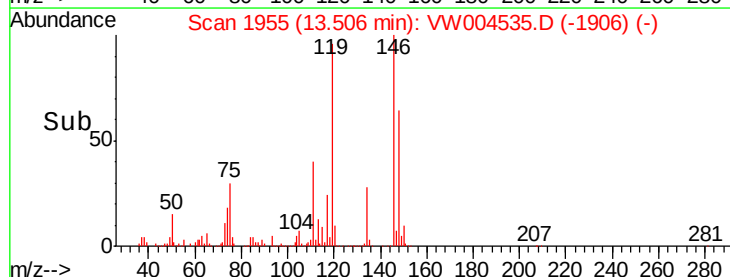
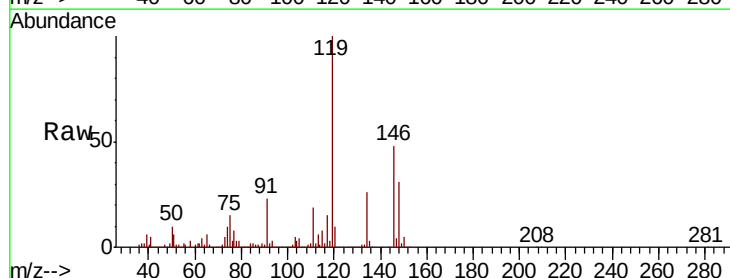
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

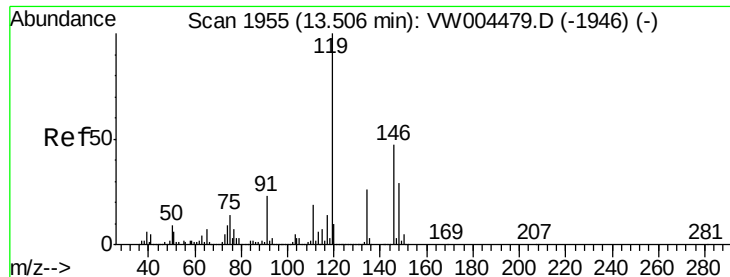
Tgt Ion:105 Resp: 825797
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.004 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion:119 Resp: 716255
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 22.9 11.4 34.1

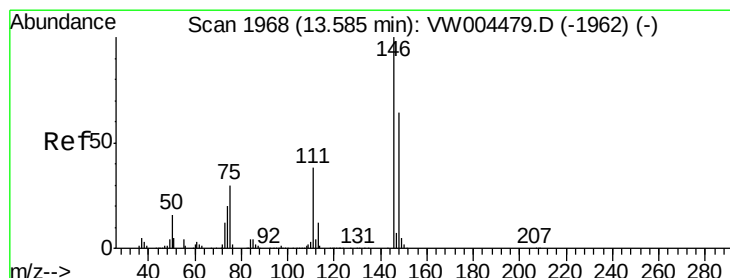
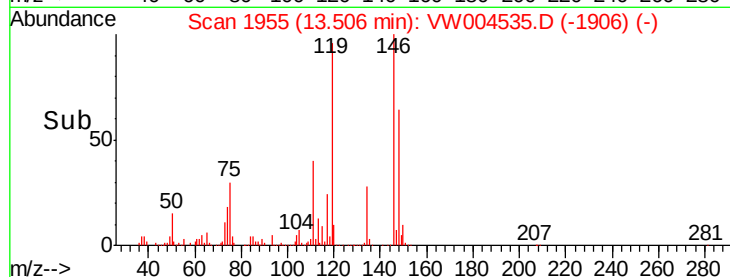
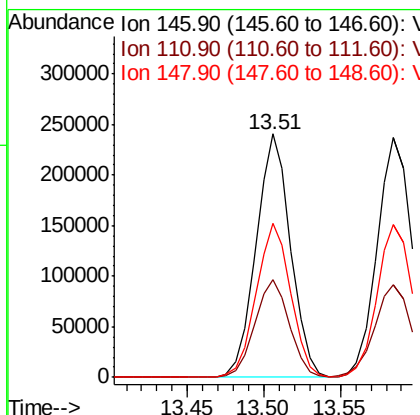
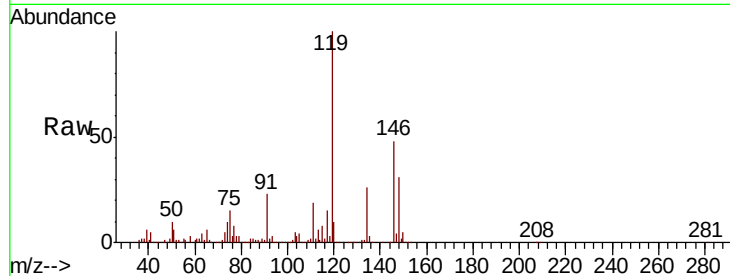




#87
 1,3-Dichlorobenzene
 Concen: 19.762 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

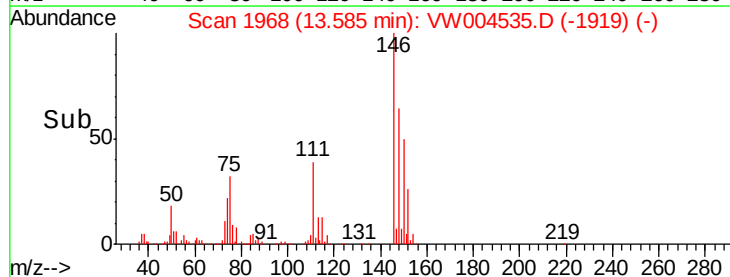
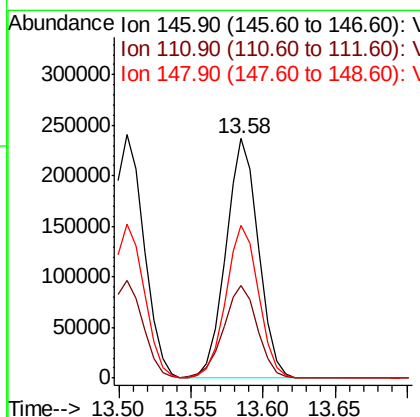
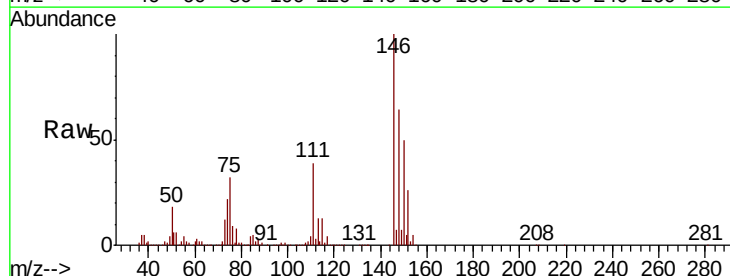
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

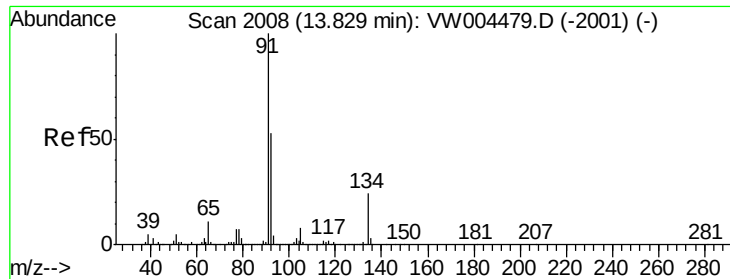
Tgt Ion:146 Resp: 377134
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.639 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion:146 Resp: 373086
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 19.894 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

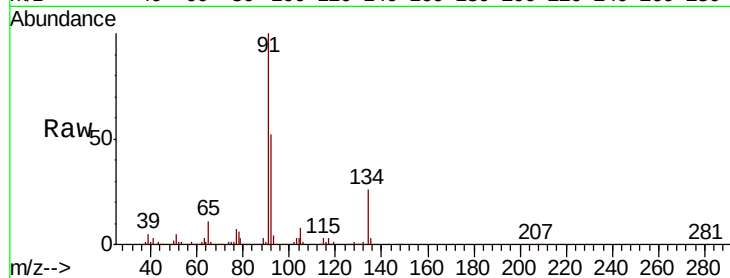
Tgt Ion: 91 Resp: 699895

Ion Ratio Lower Upper

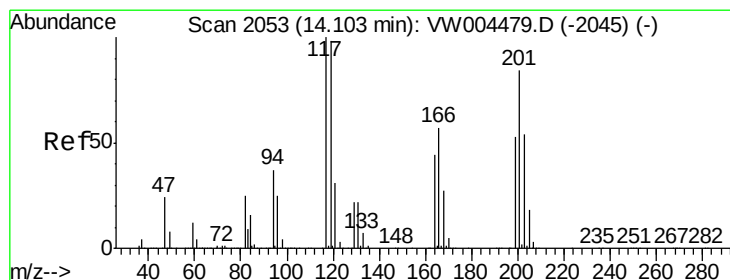
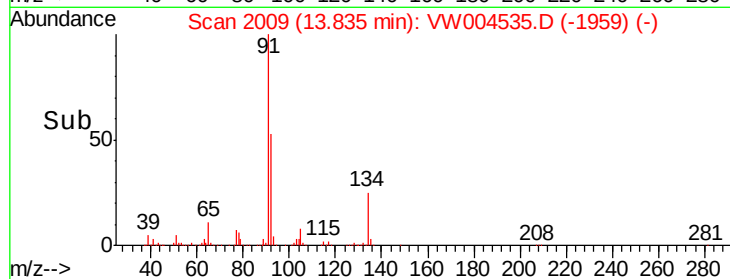
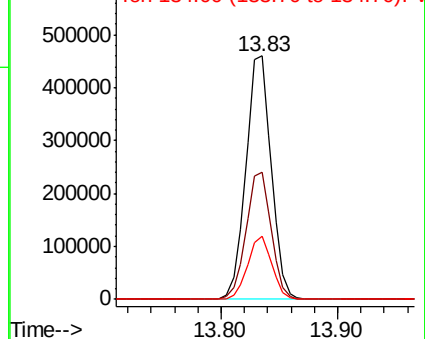
91 100

92 51.8 26.4 79.0

134 24.8 12.4 37.2



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



#90

Hexachloroethane

Concen: 19.150 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004535.D

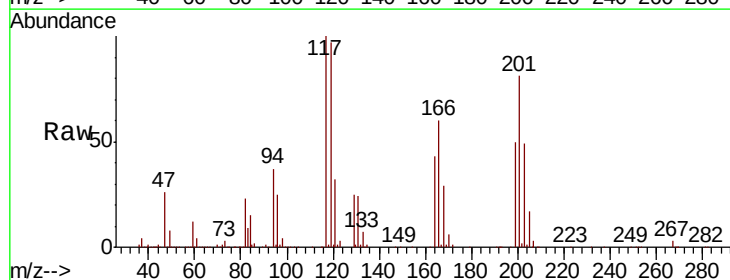
Acq: 08 Aug 2018 19:00

Tgt Ion: 117 Resp: 126866

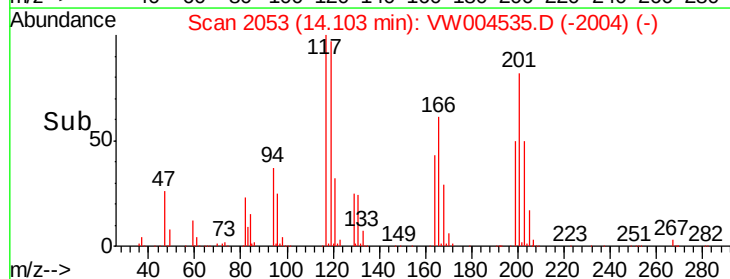
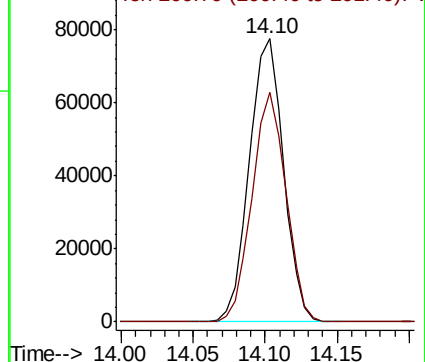
Ion Ratio Lower Upper

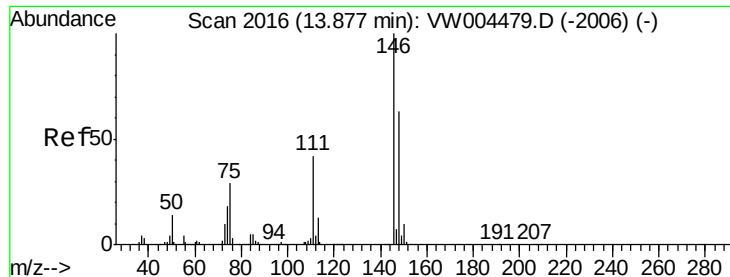
117 100

201 80.5 40.1 120.3



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

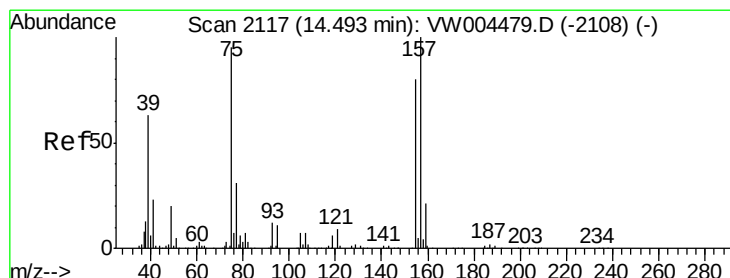
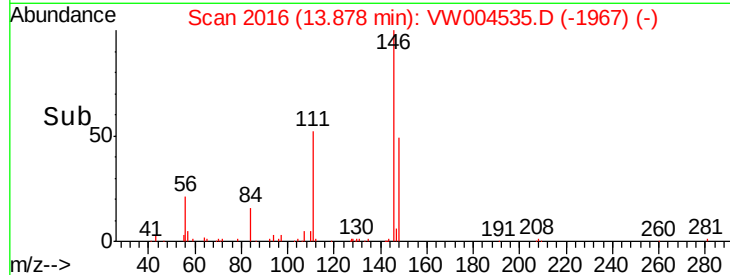
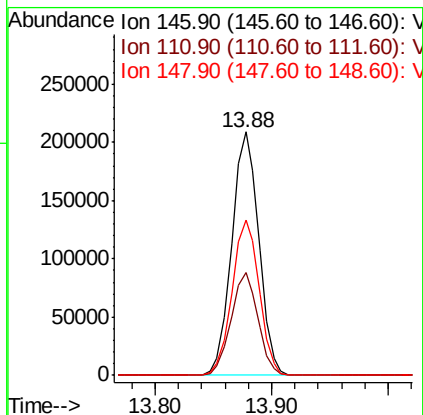
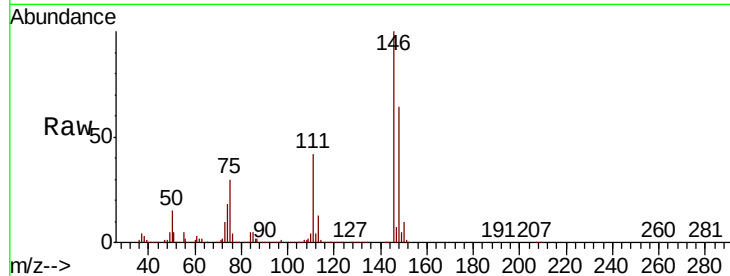




#91
 1,2-Dichlorobenzene
 Concen: 19.509 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

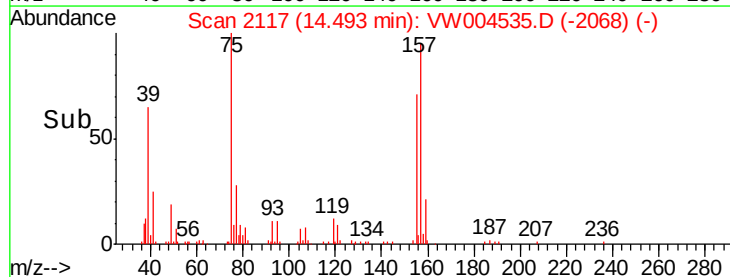
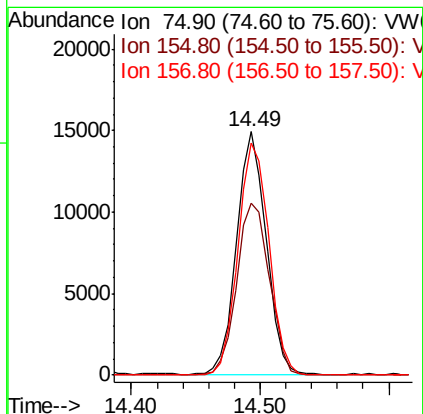
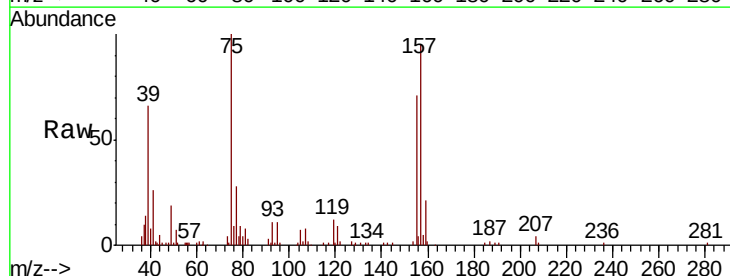
Instrument :
 MSVOA_W
 ClientSampled :
 VW0810SBS01

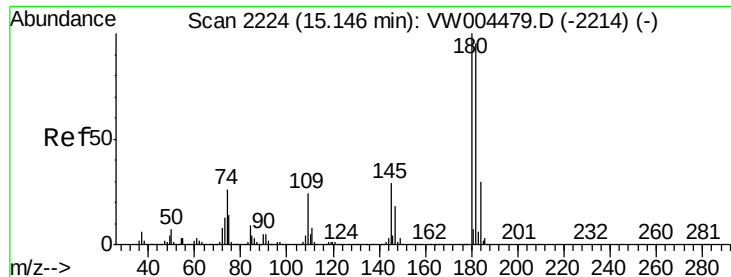
Tgt Ion:146 Resp: 337769
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.2
 148 63.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.326 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion: 75 Resp: 23930
 Ion Ratio Lower Upper
 75 100
 155 77.4 41.3 123.7
 157 98.3 52.6 157.8

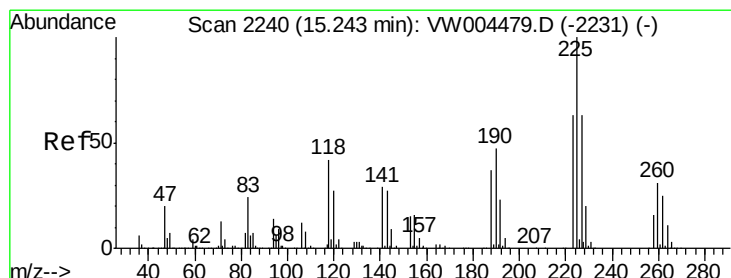
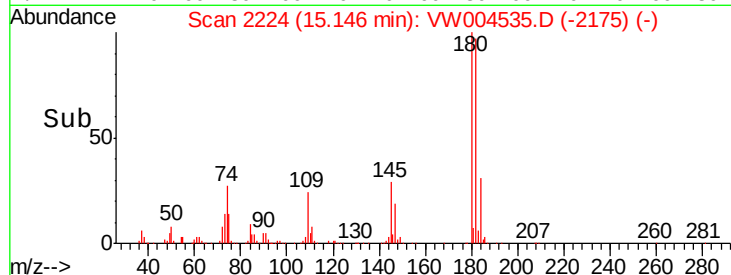
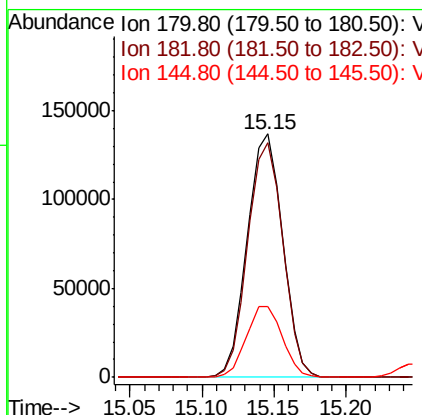
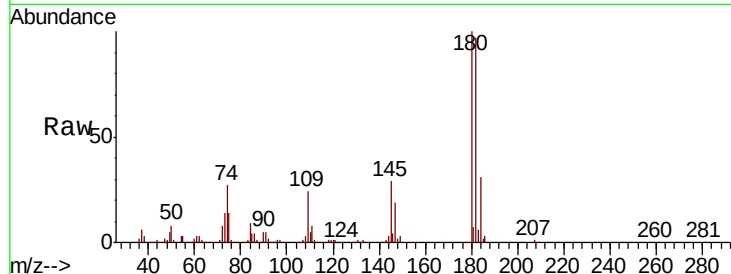




#93
 1,2,4-Trichlorobenzene
 Concen: 19.443 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

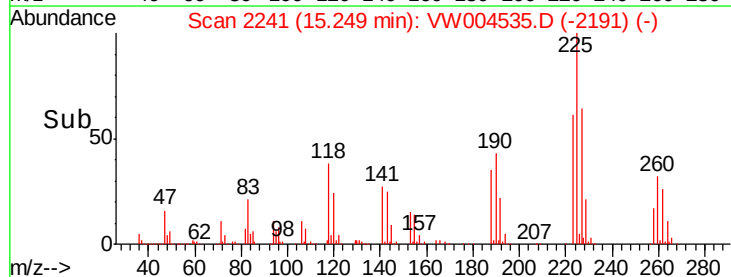
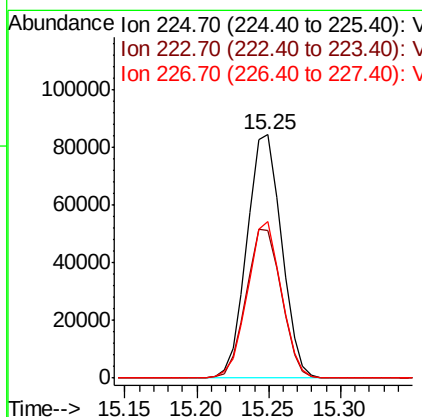
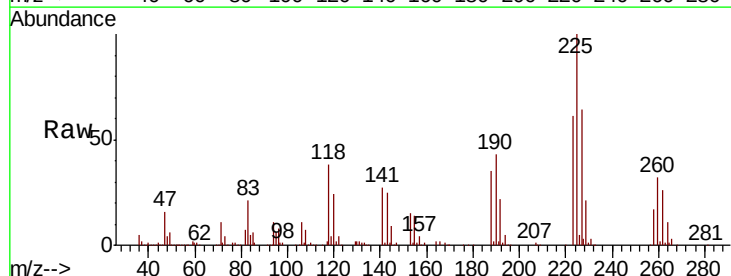
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

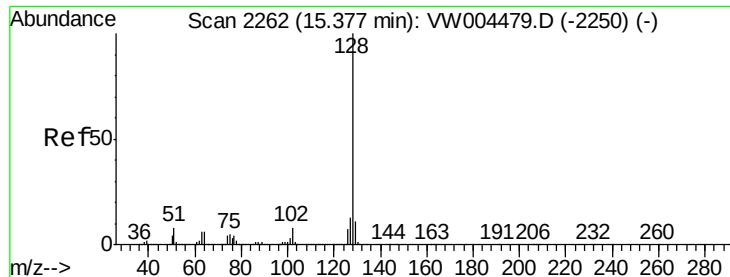
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	29.8	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 20.147 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	62.7	31.8	95.4

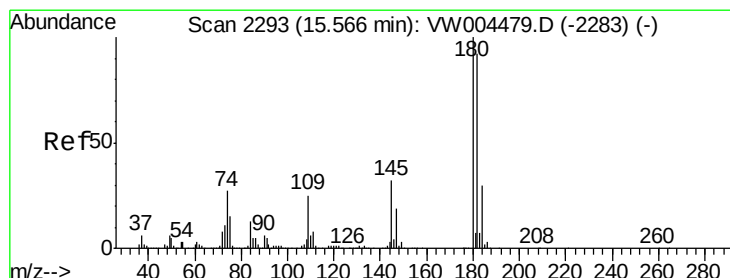
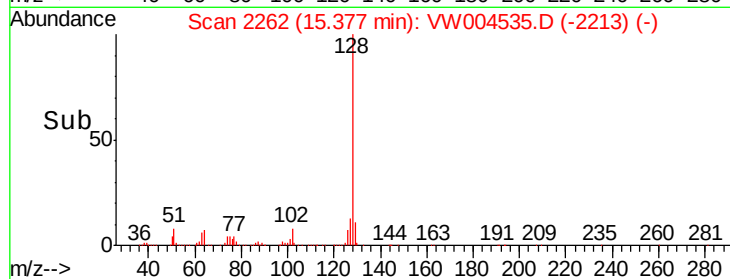
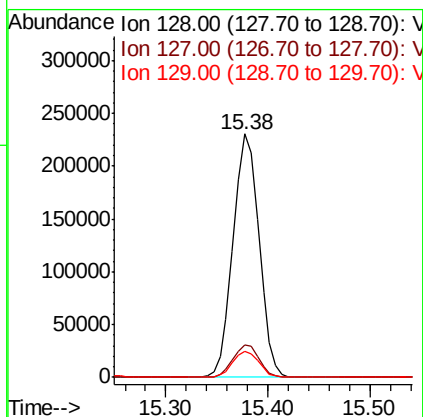
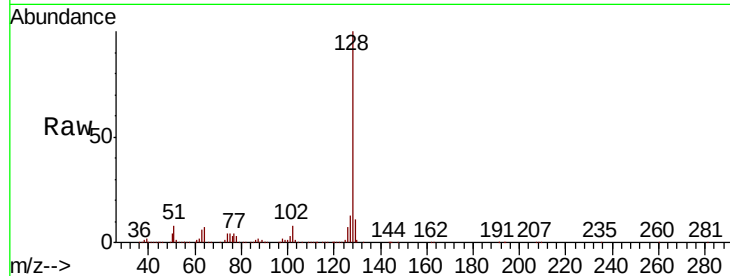




#95
Naphthalene
Concen: 18.387 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tgt Ion:128 Resp: 406437
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.473 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion:180 Resp: 209758
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.2
145 31.5 15.9 47.6

