

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
 Data File : VW002312.D
 Acq On : 09 May 2018 00:24
 Operator : JC/SY
 Sample : VW0508SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

Quant Time: May 09 08:29:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	353586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	328824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119831	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.88	113	109983	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.33	98	426527	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.63	95	155878	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16466	18.94	ug/l	97
3) Chloromethane	2.21	50	35337	20.02	ug/l	99
4) Vinyl Chloride	2.36	62	57656	19.80	ug/l	99
5) Bromomethane	2.76	94	47667	20.36	ug/l	96
6) Chloroethane	2.92	64	40673	20.71	ug/l	98
7) Trichlorofluoromethane	3.24	101	22167	18.64	ug/l	96
8) Diethyl Ether	3.67	74	33638	25.28	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.04	101	42795	20.38	ug/l	100
10) Methyl Iodide	4.26	142	68294	20.04	ug/l	100
11) Tert butyl alcohol	5.19	59	17113	96.40	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	41321	19.85	ug/l	94
13) Acrolein	3.89	56	14485	97.46	ug/l	98
14) Allyl chloride	4.65	41	58872	19.25	ug/l	98
15) Acrylonitrile	5.37	53	53033	101.59	ug/l	99
16) Acetone	4.12	43	48704	102.11	ug/l	98
17) Carbon Disulfide	4.37	76	119856	19.80	ug/l	99
18) Methyl Acetate	4.67	43	29147	20.37	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	74274	20.41	ug/l	98
20) Methylene Chloride	4.90	84	46079	20.04	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46014	20.48	ug/l	97
22) Diisopropyl ether	6.31	45	133059	19.84	ug/l	96
23) Vinyl Acetate	6.25	43	406212	101.16	ug/l	99
24) 1,1-Dichloroethane	6.21	63	82756	20.35	ug/l	97
25) 2-Butanone	7.18	43	73418	103.66	ug/l	97
26) 2,2-Dichloropropane	7.16	77	39567	19.52	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51138	20.19	ug/l	98
28) Bromochloromethane	7.51	49	36498	19.85	ug/l	97
29) Tetrahydrofuran	7.53	42	47098	101.39	ug/l	99
30) Chloroform	7.67	83	87406	20.53	ug/l	94
31) Cyclohexane	7.95	56	72330	19.93	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	64160	20.05	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66381	20.76	ug/l	100
37) Ethyl Acetate	7.26	43	32538	20.88	ug/l	100
38) Carbon Tetrachloride	8.07	117	62679	20.27	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77181	20.68	ug/l	98
40) Benzene	8.32	78	190760	20.41	ug/l	98
41) Methacrylonitrile	7.48	41	19960	22.35	ug/l	96
42) 1,2-Dichloroethane	8.40	62	58976	20.23	ug/l	99
43) Isopropyl Acetate	8.43	43	61225	20.71	ug/l	99
44) Trichloroethene	9.09	130	51923	20.38	ug/l	94
45) 1,2-Dichloropropane	9.37	63	47454	20.26	ug/l	94
46) Dibromomethane	9.46	93	27411	20.94	ug/l	98
47) Bromodichloromethane	9.65	83	62144	20.11	ug/l	98
48) Methyl methacrylate	9.45	41	29193	20.33	ug/l	99
49) 1,4-Dioxane	9.45	88	8734	419.98	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	166878	102.32	ug/l	100
52) Toluene	10.39	92	121252	20.42	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	60860	20.04	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	69456	20.00	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37903	20.56	ug/l	98
56) Ethyl methacrylate	10.65	69	46757	20.52	ug/l	98
57) 1,3-Dichloropropane	10.94	76	64334	20.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	111358	100.69	ug/l	99
59) 2-Hexanone	10.98	43	114910	103.00	ug/l	99
60) Dibromochloromethane	11.13	129	42952	19.74	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37413	20.76	ug/l	99
64) Tetrachloroethene	10.87	164	52550	20.76	ug/l	98
65) Chlorobenzene	11.66	112	138982	20.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	47843	19.98	ug/l	99
67) Ethyl Benzene	11.74	91	231827	20.07	ug/l	96
68) m/p-Xylenes	11.85	106	182644	40.99	ug/l	98
69) o-Xylene	12.18	106	85952	20.28	ug/l	99
70) Styrene	12.19	104	142721	20.28	ug/l	99
71) Bromoform	12.36	173	27445	19.99	ug/l #	98
73) Isopropylbenzene	12.48	105	235356	20.50	ug/l	100
74) N-amyl acetate	12.28	43	58270	20.28	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	45864	20.67	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	58047	37.04	ug/l #	1
77) Bromobenzene	12.76	156	60655	20.96	ug/l	98
78) n-propylbenzene	12.82	91	283172	20.81	ug/l	99
79) 2-Chlorotoluene	12.90	91	159960	20.41	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	199969	20.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12300	20.67	ug/l	96
82) 4-Chlorotoluene	13.00	91	173504	20.82	ug/l	100
83) tert-Butylbenzene	13.22	119	170879	20.55	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	206751	20.65	ug/l	98
85) sec-Butylbenzene	13.40	105	244831	20.63	ug/l	99
86) p-Isopropyltoluene	13.51	119	221891	20.91	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119308	20.83	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	119867	20.96	ug/l	100
89) n-Butylbenzene	13.83	91	208991	21.04	ug/l	99
90) Hexachloroethane	14.10	117	39235	20.67	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	110937	21.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7970	20.78	ug/l	97

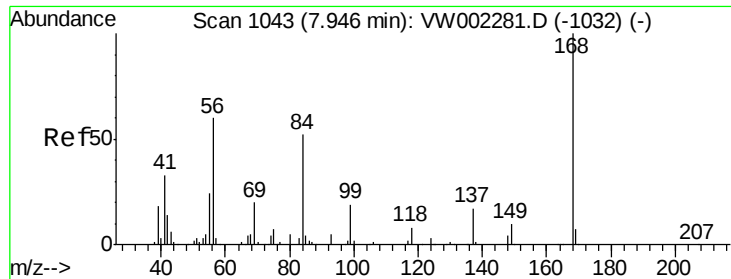
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	79580	21.42	ug/l	98
94) Hexachlorobutadiene	15.25	225	42811	20.69	ug/l	100
95) Naphthalene	15.38	128	146266	21.42	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71865	21.57	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

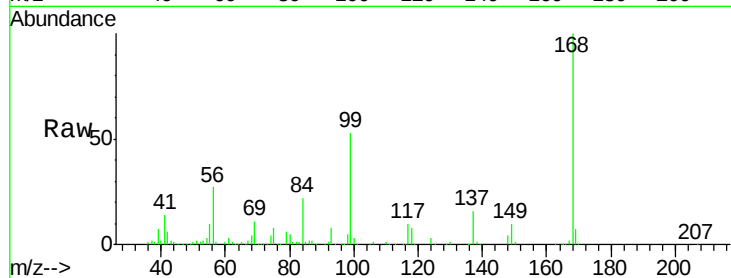
VW0508SBS02

Tgt Ion:168 Resp: 229991

Ion Ratio Lower Upper

168 100

99 52.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

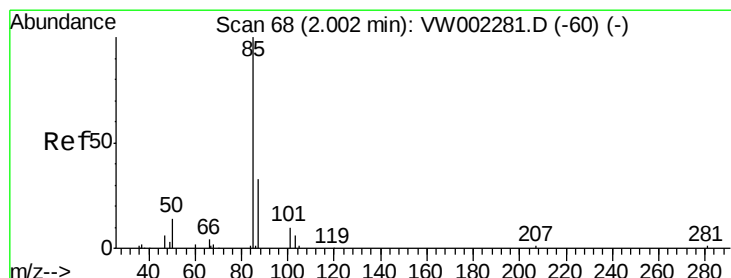
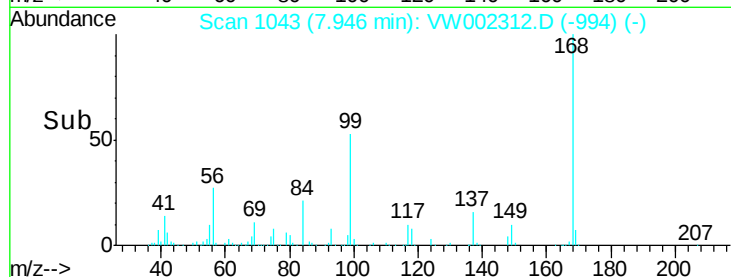
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.94 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002312.D

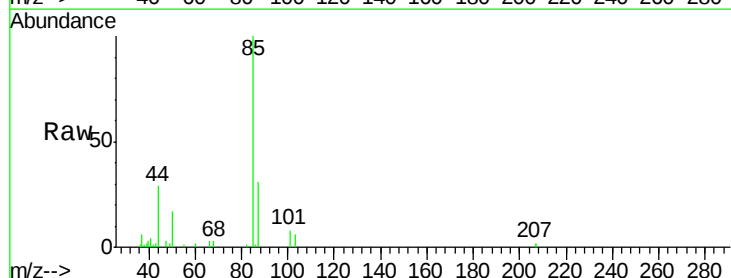
Acq: 09 May 2018 00:24

Tgt Ion: 85 Resp: 16466

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

5000

4000

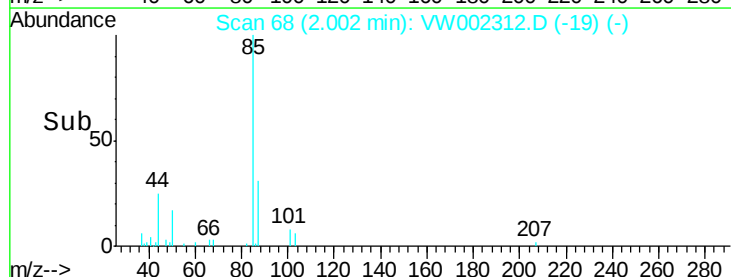
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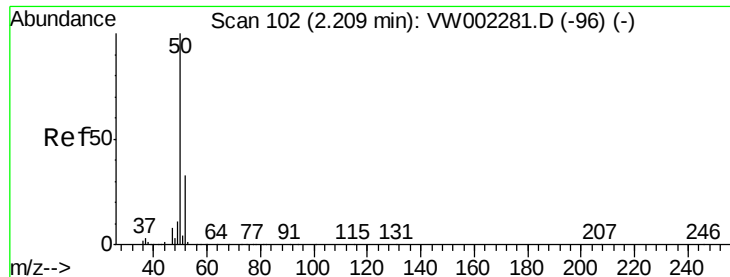
2000

1000

0

Time-->





#3

Chloromethane

Concen: 20.02 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

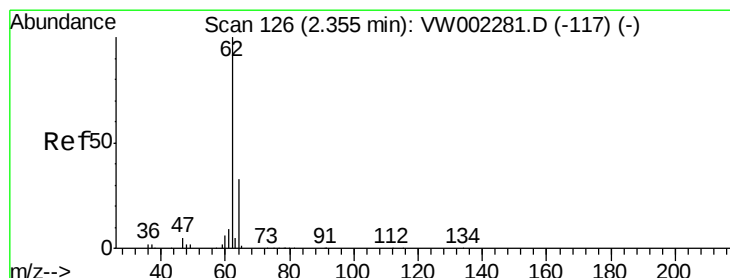
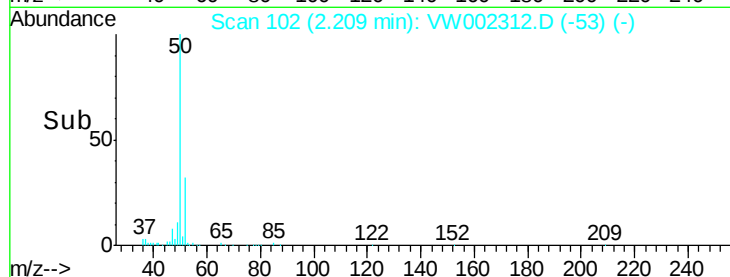
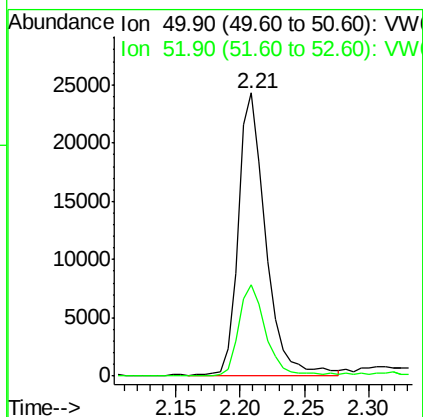
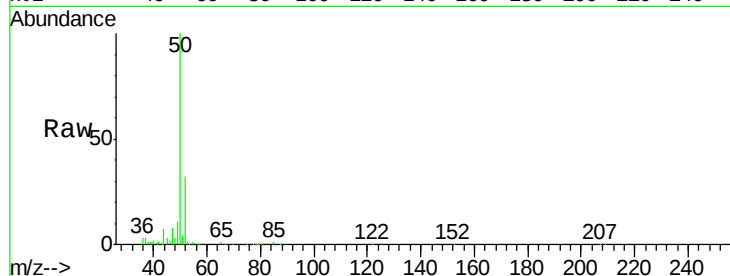
VW0508SBSD02

Tgt Ion: 50 Resp: 35337

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 19.80 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002312.D

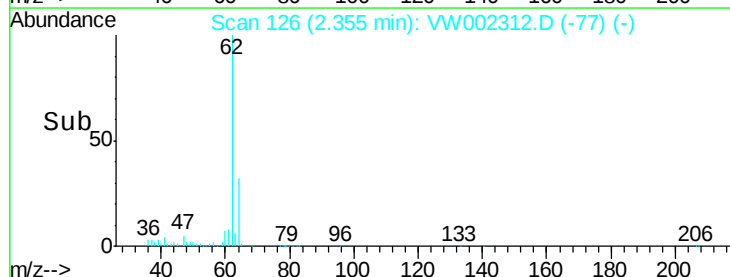
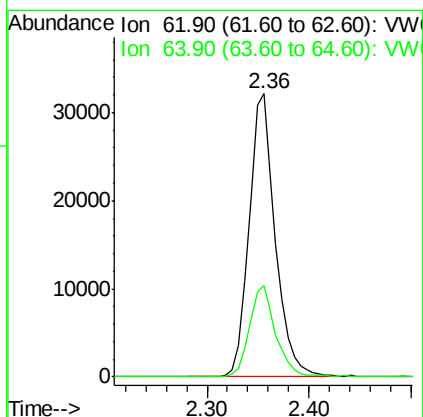
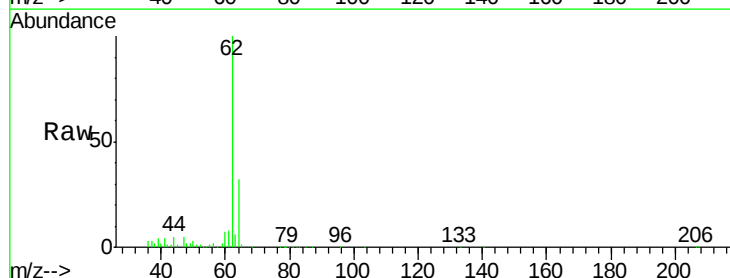
Acq: 09 May 2018 00:24

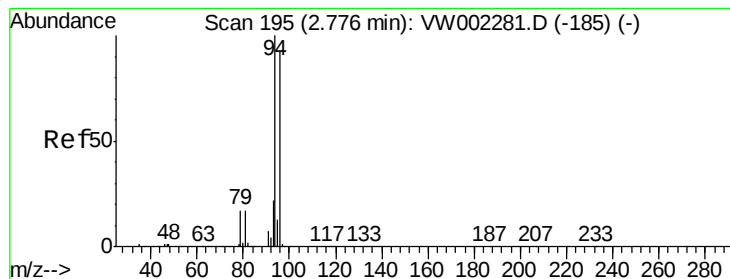
Tgt Ion: 62 Resp: 57656

Ion Ratio Lower Upper

62 100

64 32.2 26.1 39.1





#5

Bromomethane

Concen: 20.36 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

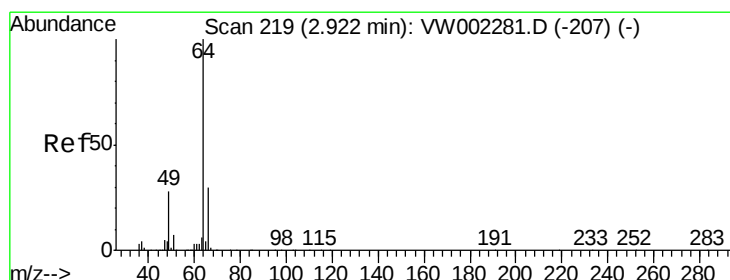
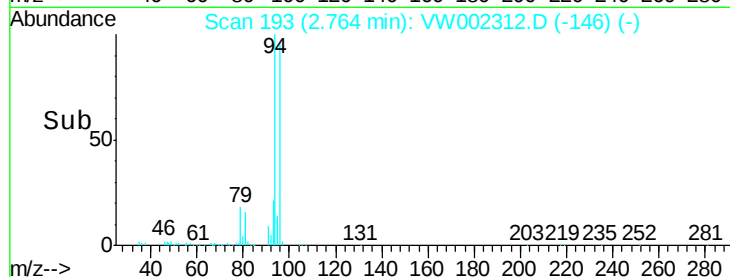
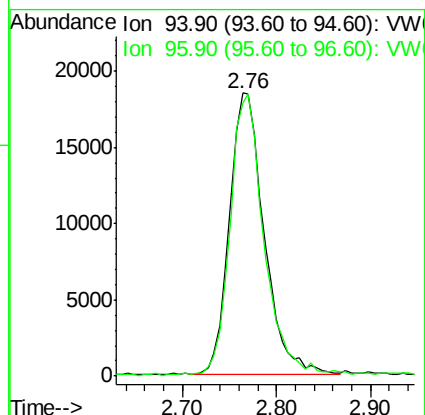
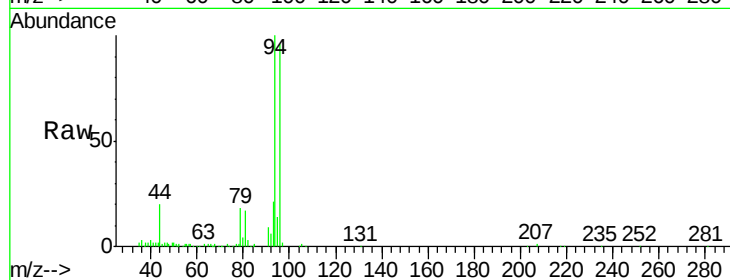
VW0508SBSD02

Tgt Ion: 94 Resp: 47667

Ion Ratio Lower Upper

94 100

96 96.2 73.6 110.4



#6

Chloroethane

Concen: 20.71 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW002312.D

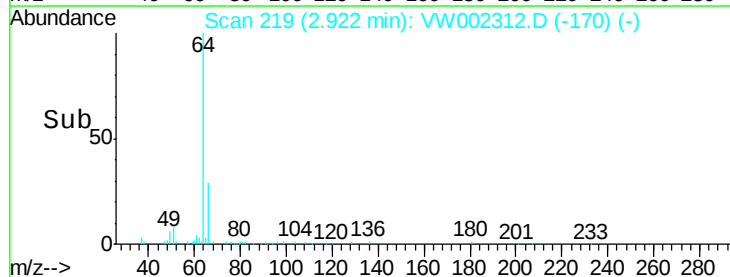
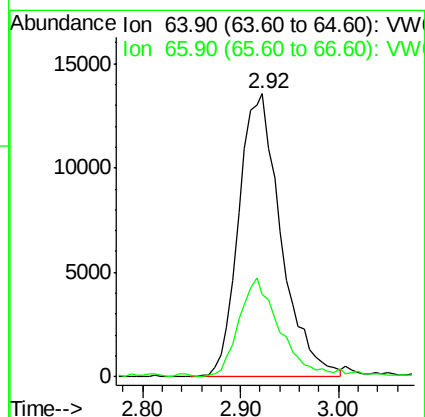
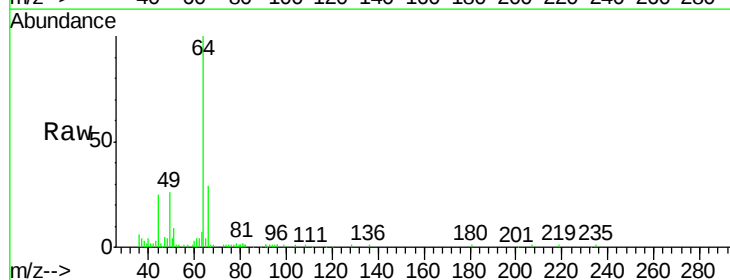
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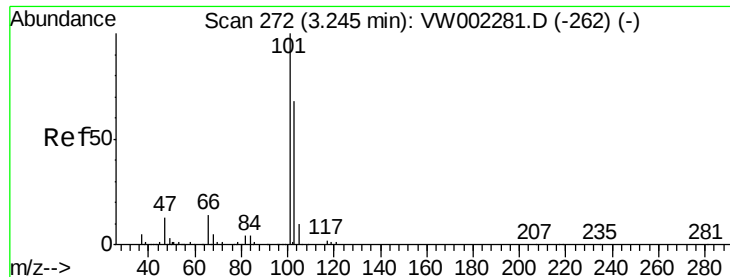
Tgt Ion: 64 Resp: 40673

Ion Ratio Lower Upper

64 100

66 28.7 23.8 35.6



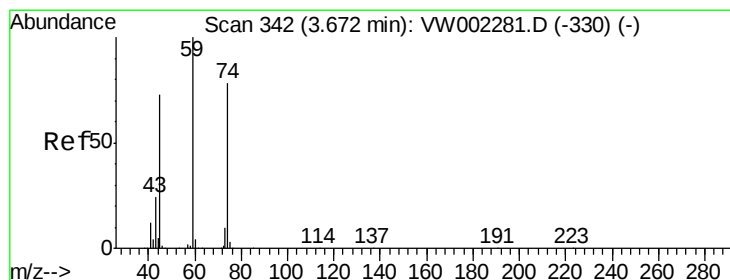
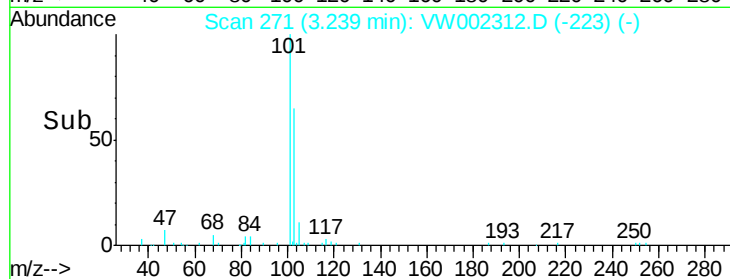
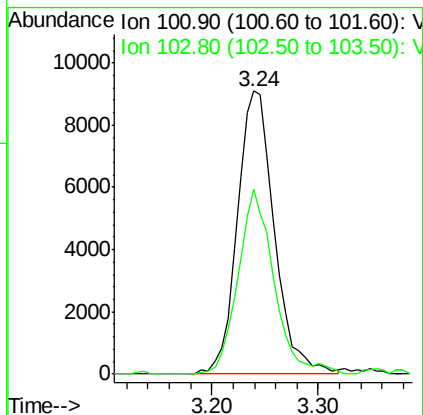
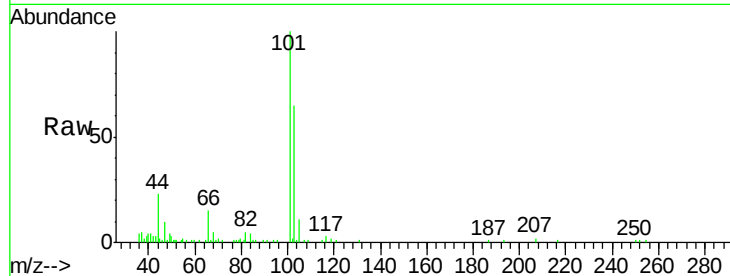


#7

Trichlorofluoromethane
 Concen: 18.64 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Instrument :
 MSVOA_W
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 VW0508SBS02

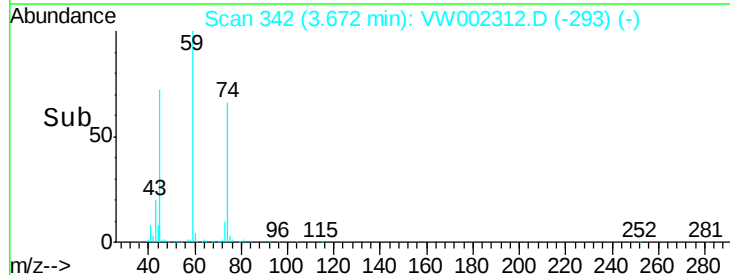
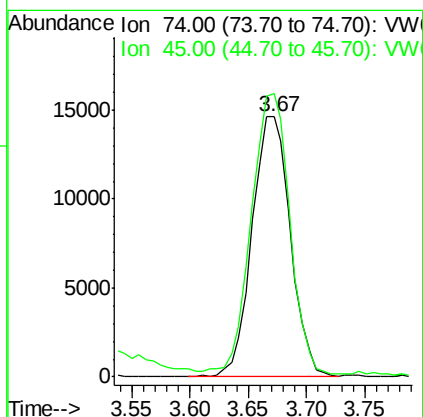
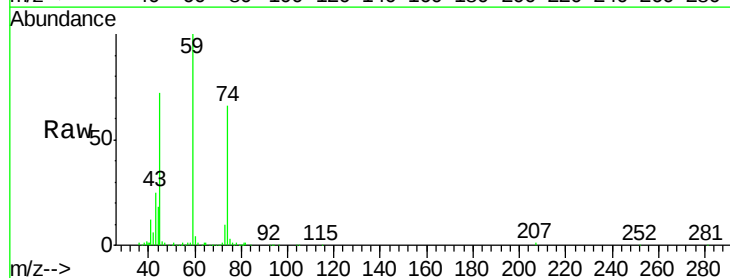
Tgt Ion: 101 Resp: 22167
 Ion Ratio Lower Upper
 101 100
 103 65.3 54.6 82.0

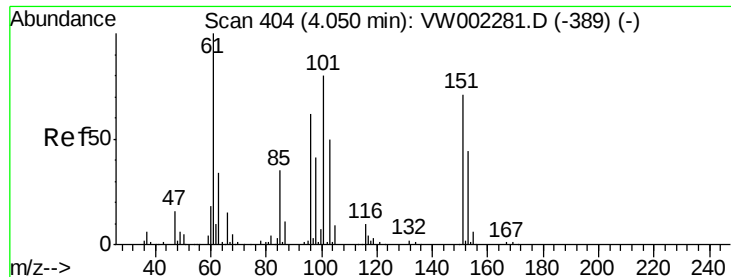


#8

Diethyl Ether
 Concen: 25.28 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 74 Resp: 33638
 Ion Ratio Lower Upper
 74 100
 45 107.7 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.38 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

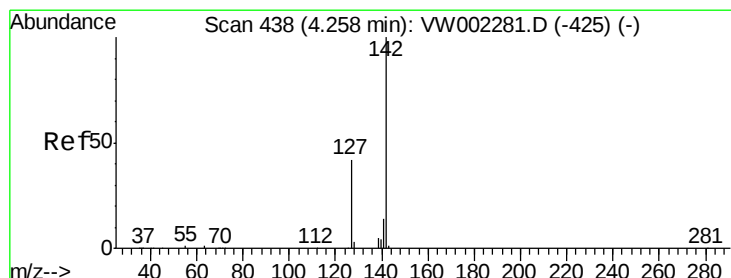
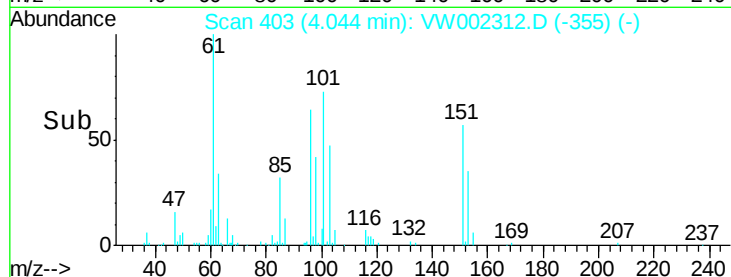
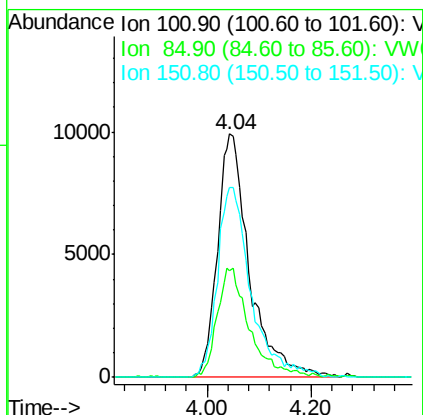
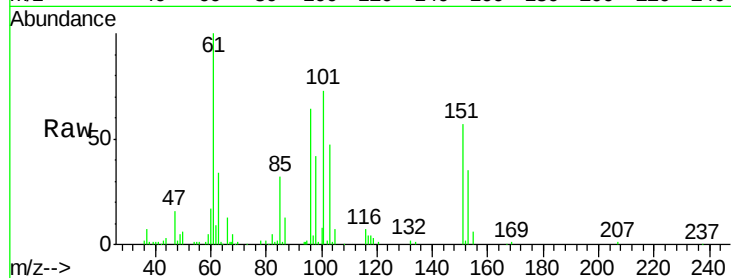
Lab File: VW002312.D

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MSVOA_W
ClientSampleId :
VW0508SBSD02

Tgt Ion:101 Resp: 42795

Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.9	53.9
151	81.6	65.4	98.2



#10

Methyl Iodide

Concen: 20.04 ug/l

RT: 4.26 min Scan# 439

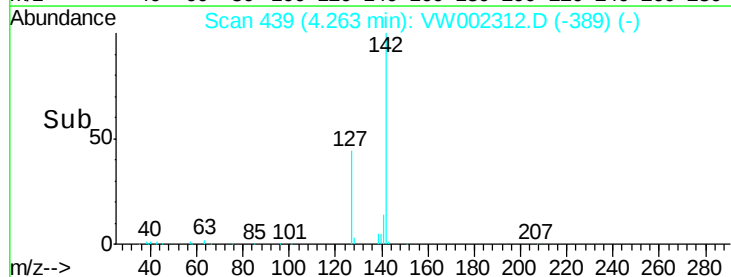
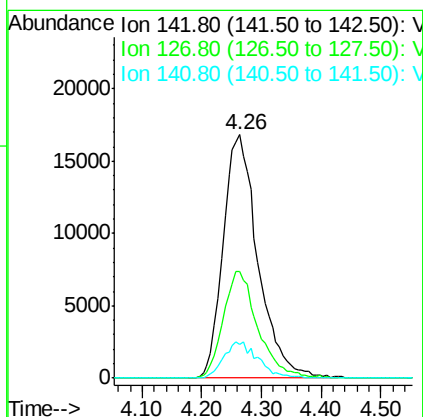
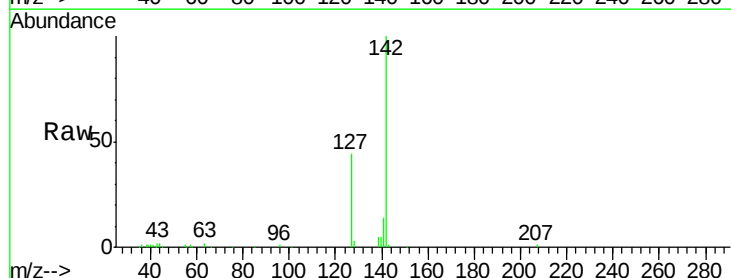
Delta R.T. 0.01 min

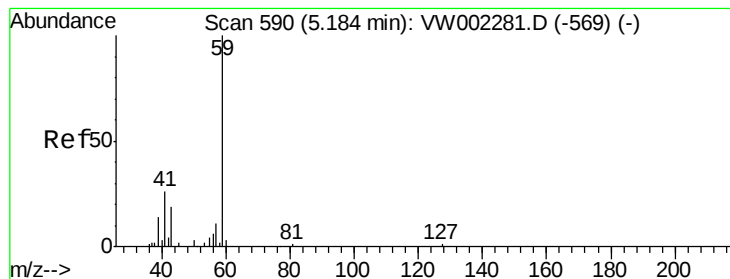
Lab File: VW002312.D

Acq: 09 May 2018 00:24

Tgt Ion:142 Resp: 68294

Ion	Ratio	Lower	Upper
142	100		
127	43.3	34.7	52.1
141	14.7	11.9	17.9





#11

Tert butyl alcohol

Concen: 96.40 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.01 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

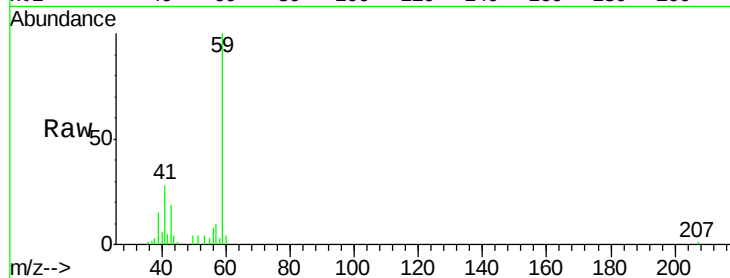
VW0508SBS02

Tgt Ion: 59 Resp: 17113

Ion Ratio Lower Upper

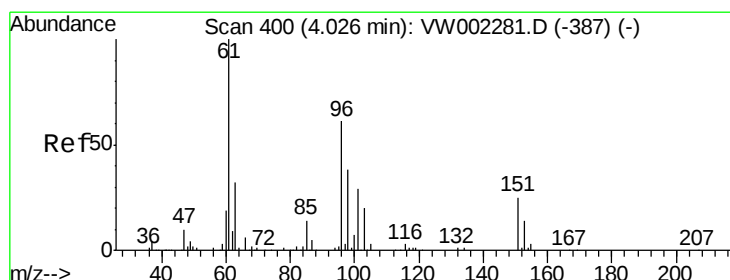
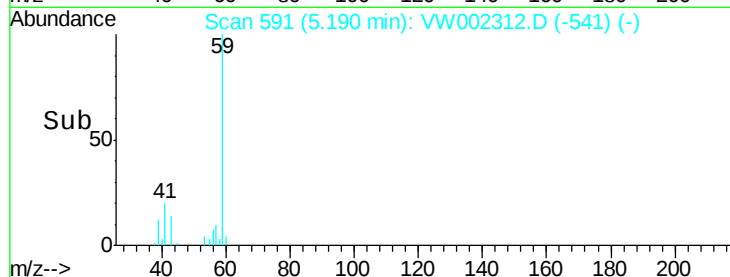
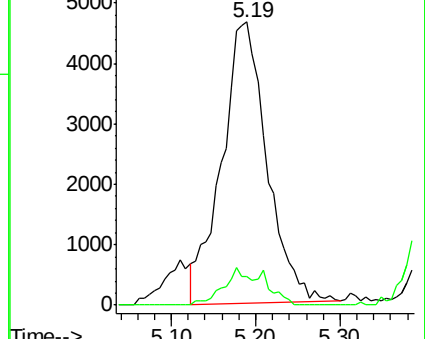
59 100

57 7.6 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 19.85 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

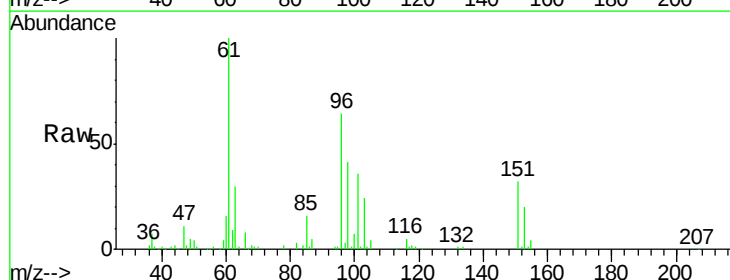
Tgt Ion: 96 Resp: 41321

Ion Ratio Lower Upper

96 100

61 155.2 130.6 196.0

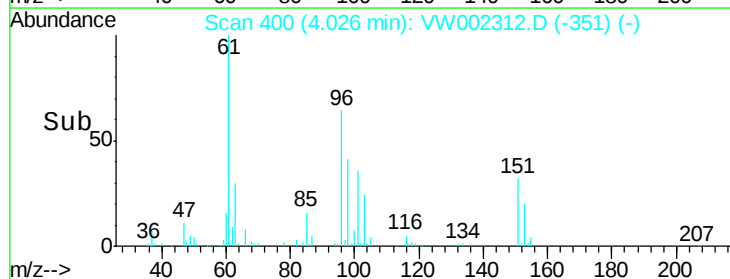
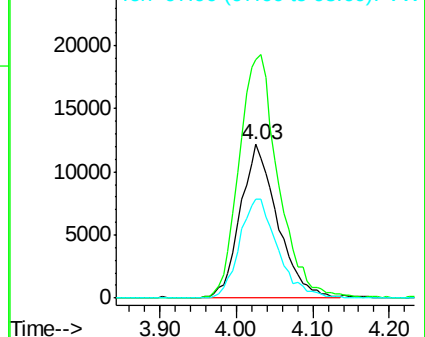
98 64.4 49.0 73.4

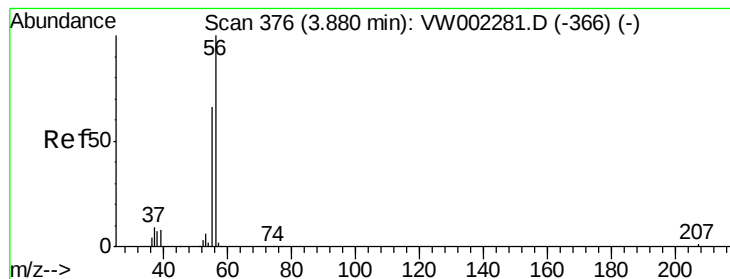


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 97.46 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

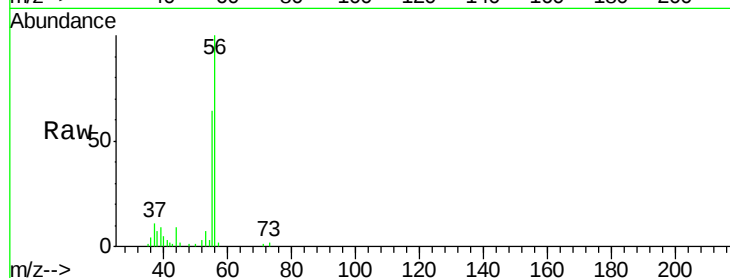
VW0508SBSD02

Tgt Ion: 56 Resp: 14485

Ion Ratio Lower Upper

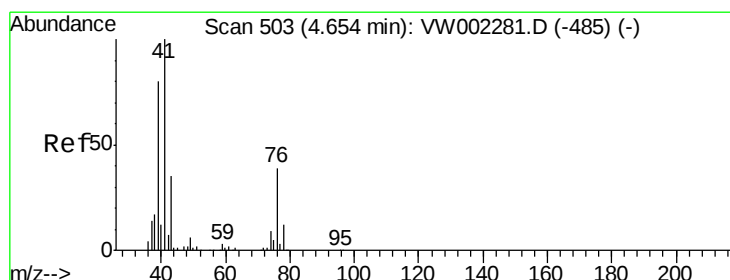
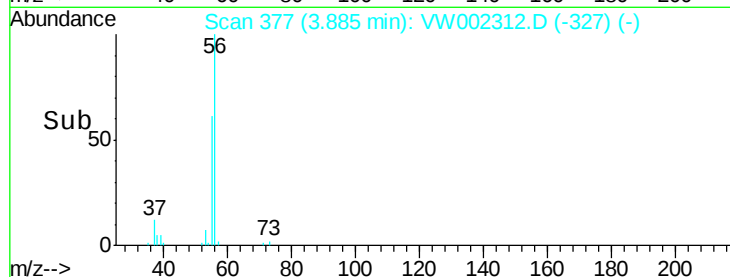
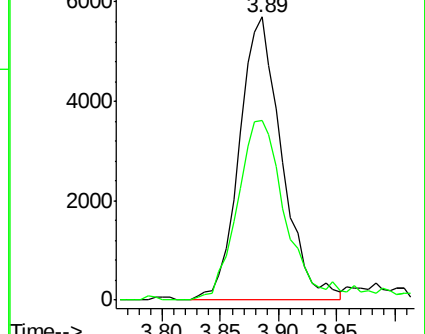
56 100

55 69.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.25 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

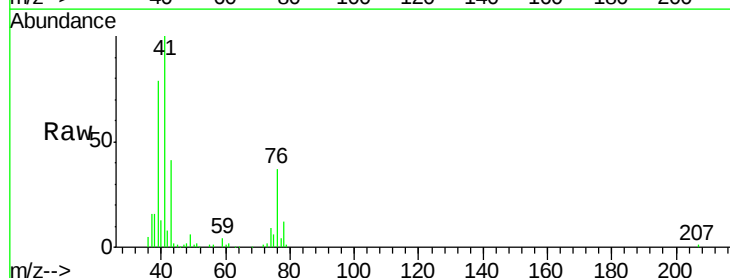
Tgt Ion: 41 Resp: 58872

Ion Ratio Lower Upper

41 100

39 75.0 61.7 92.5

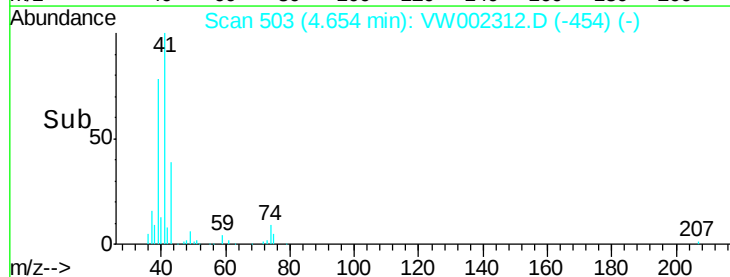
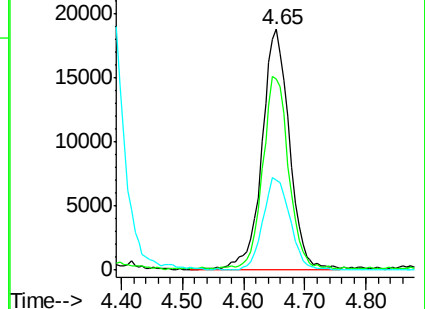
76 37.5 29.8 44.6

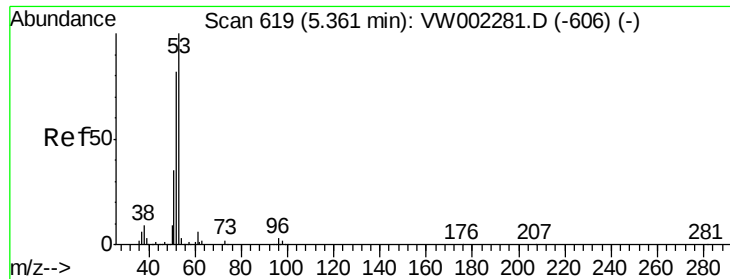


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

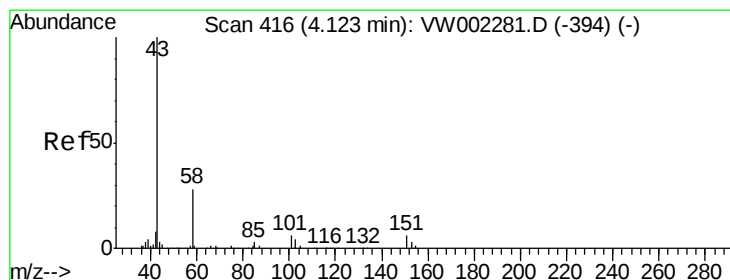
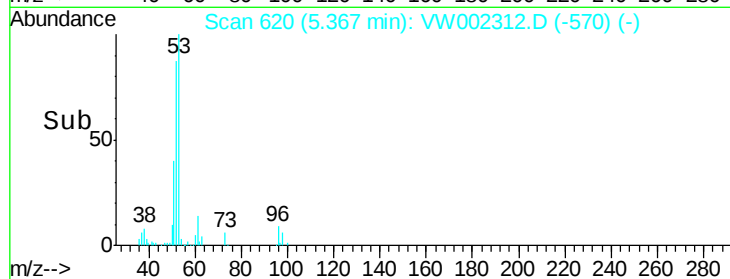
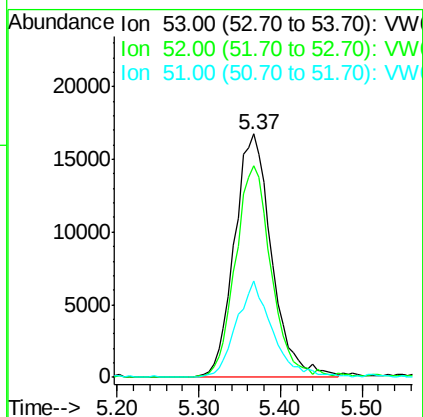
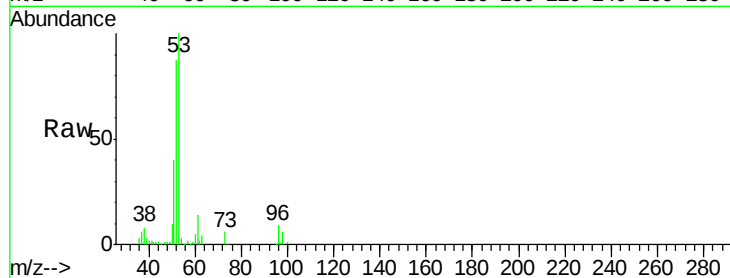




#15
 Acrylonitrile
 Concen: 101.59 ug/l
 RT: 5.37 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

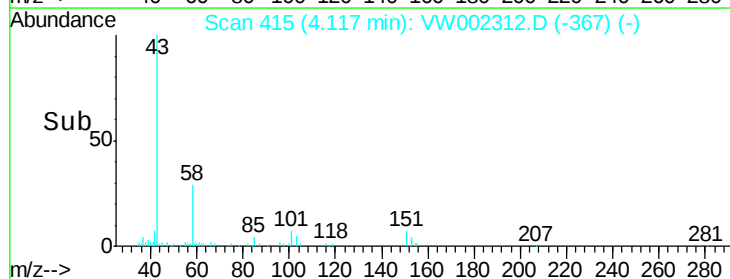
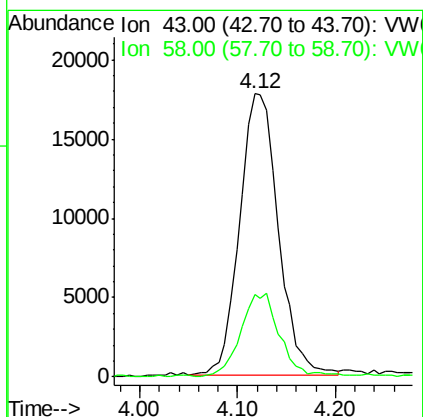
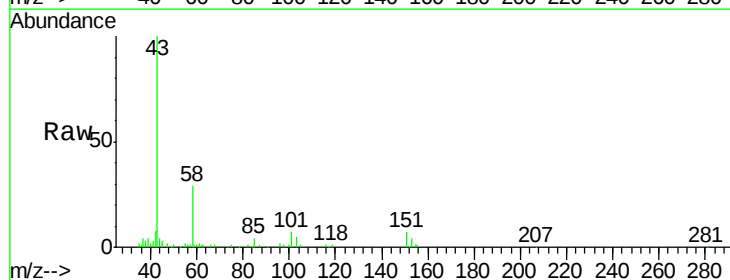
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

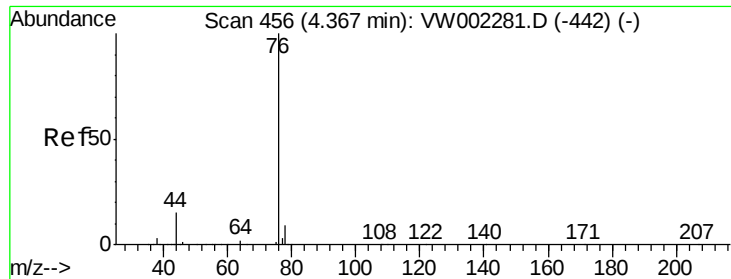
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.9	101.9
51	38.3	30.0	45.0



#16
 Acetone
 Concen: 102.11 ug/l
 RT: 4.12 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.2	33.4

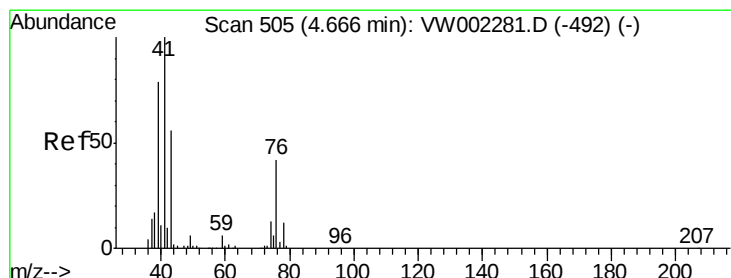
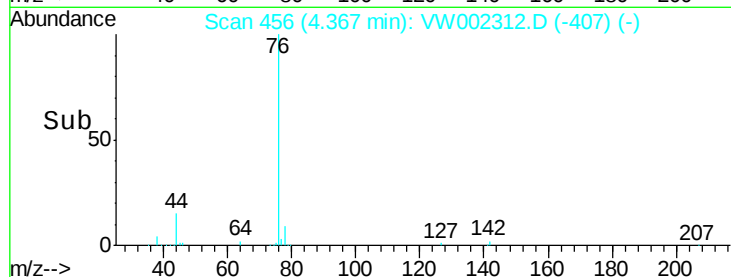
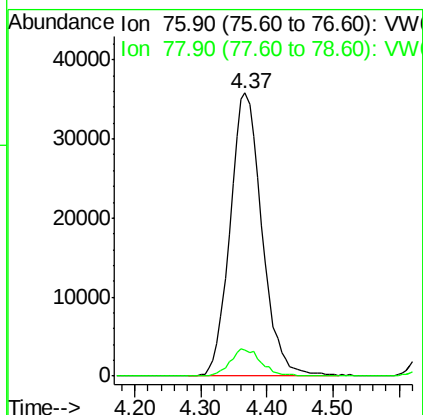
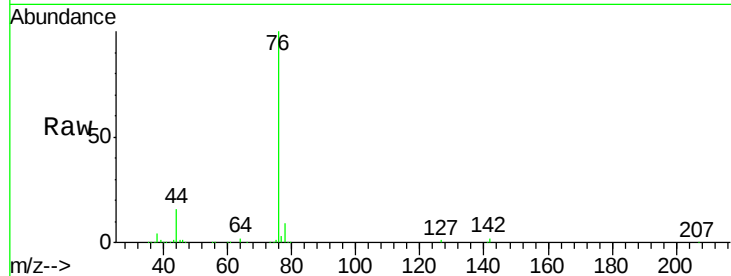




#17
Carbon Disulfide
Concen: 19.80 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

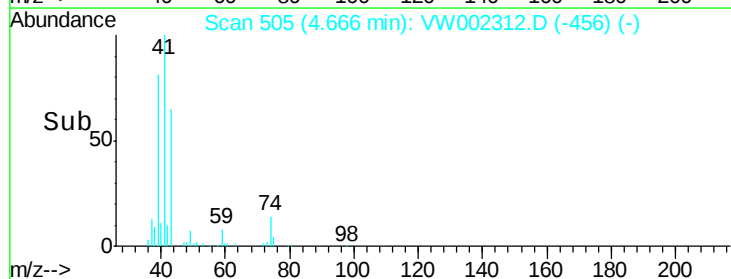
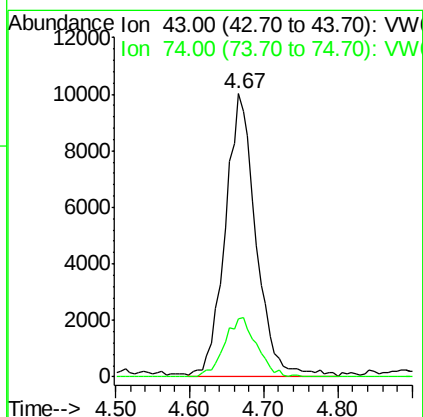
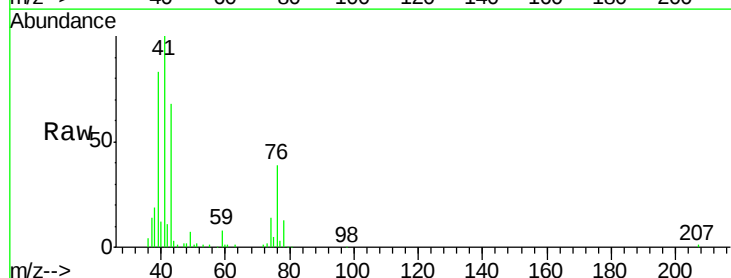
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

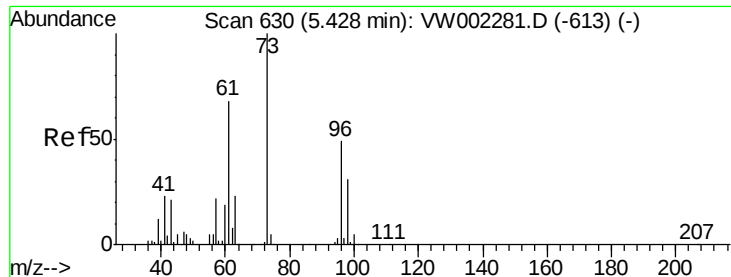
Tgt Ion: 76 Resp: 119856
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 20.37 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 43 Resp: 29147
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2

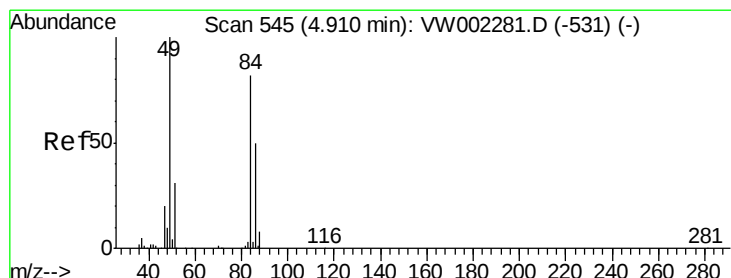
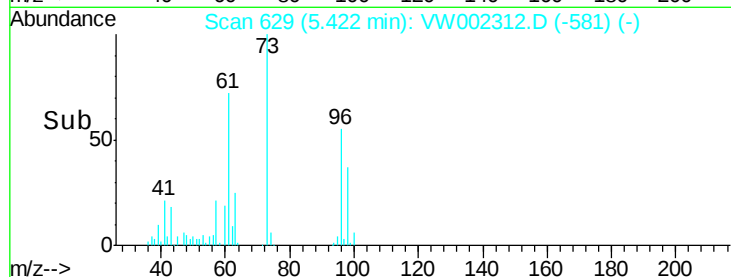
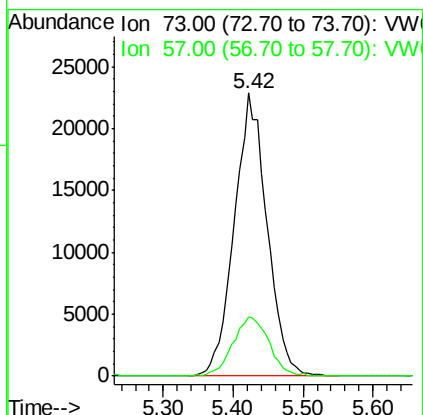
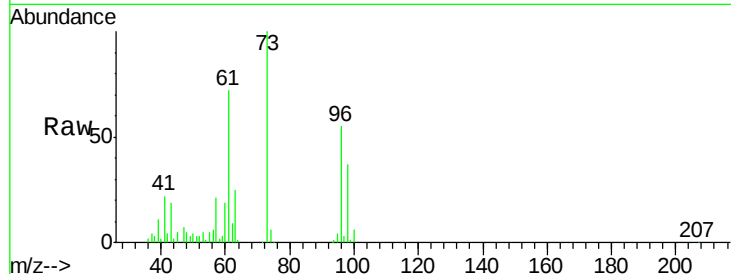




#19
Methyl tert-butyl Ether
Concen: 20.41 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

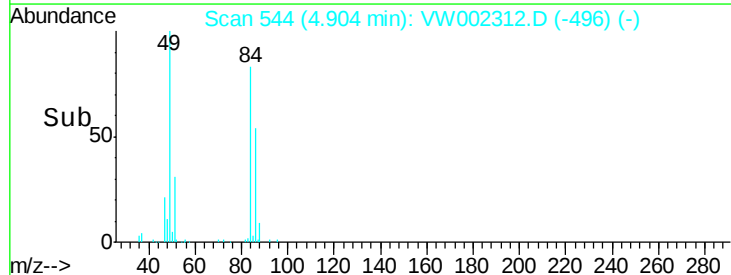
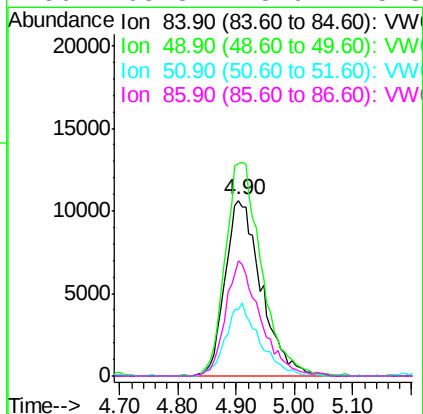
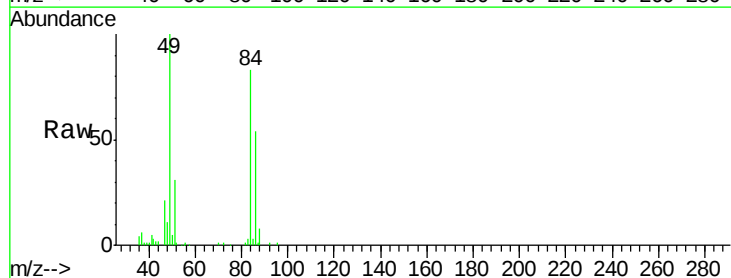
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBS02

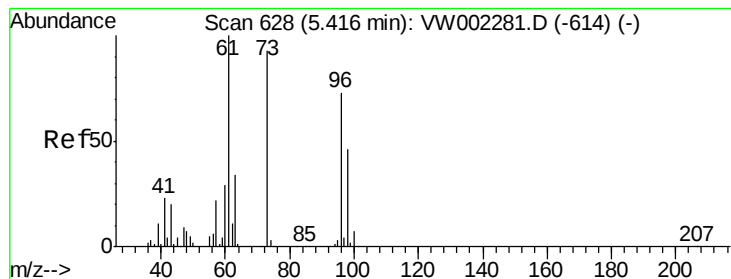
Tgt Ion: 73 Resp: 74274
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#20
Methylene Chloride
Concen: 20.04 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 84 Resp: 46079
Ion Ratio Lower Upper
84 100
49 120.9 97.7 146.5
51 38.0 30.2 45.4
86 65.3 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.48 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBSD02

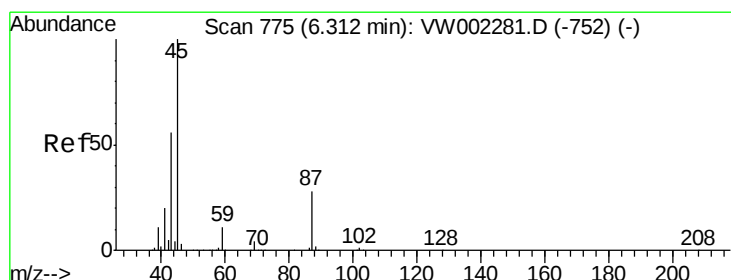
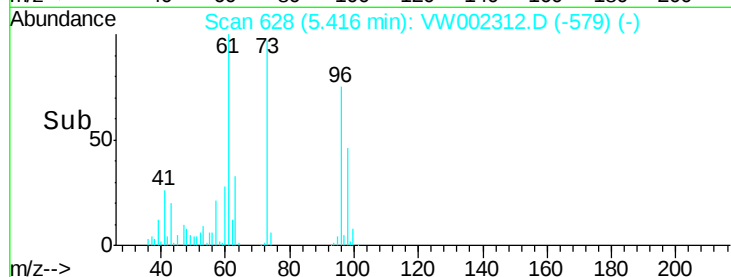
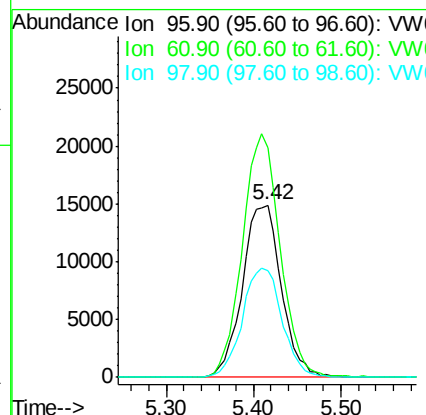
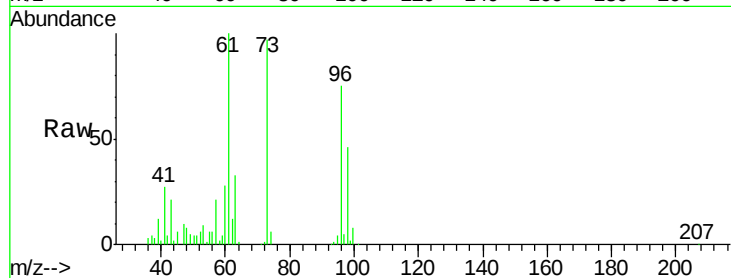
Tgt Ion: 96 Resp: 46014

Ion Ratio Lower Upper

96 100

61 133.1 109.5 164.3

98 61.7 50.2 75.4



#22

Diisopropyl ether

Concen: 19.84 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Tgt Ion: 45 Resp: 133059

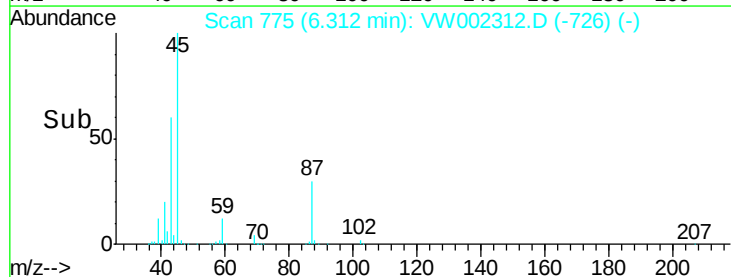
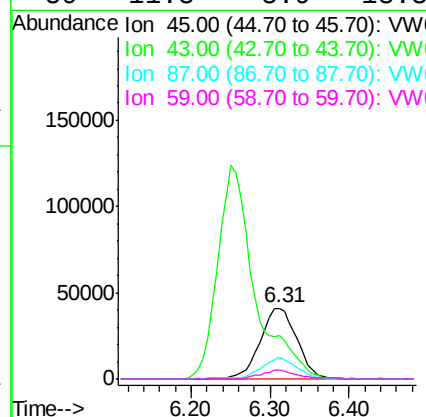
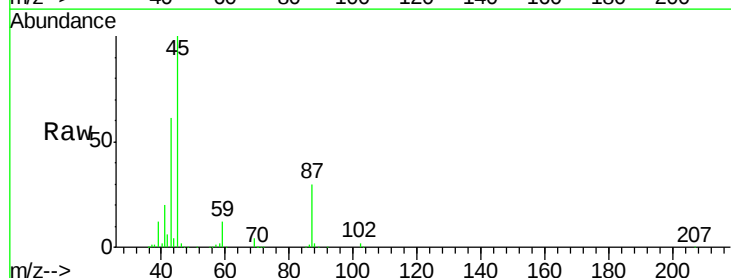
Ion Ratio Lower Upper

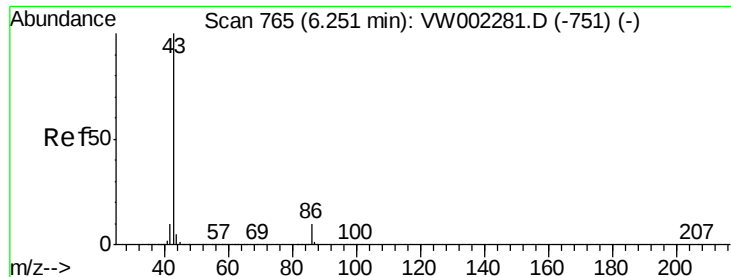
45 100

43 59.1 44.5 66.7

87 29.8 22.2 33.4

59 11.8 8.9 13.3





#23

Vinyl Acetate

Concen: 101.16 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

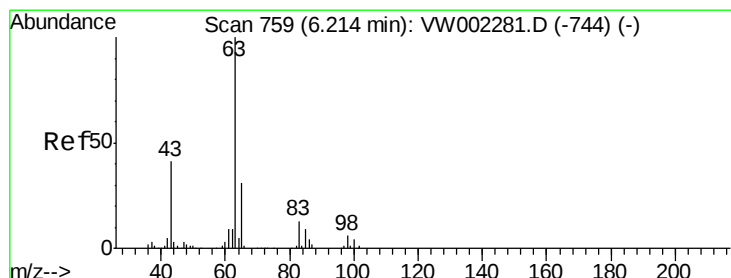
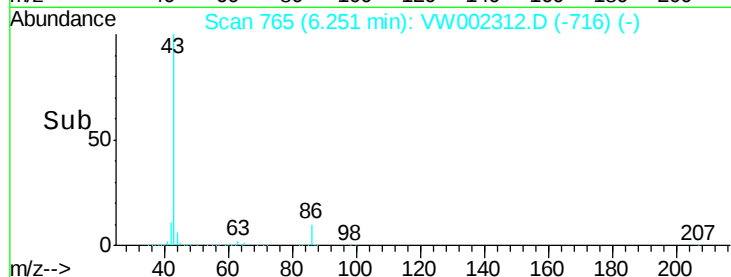
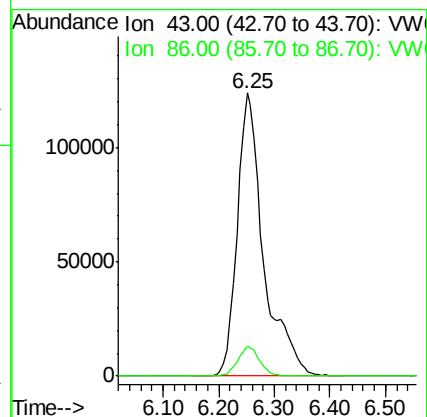
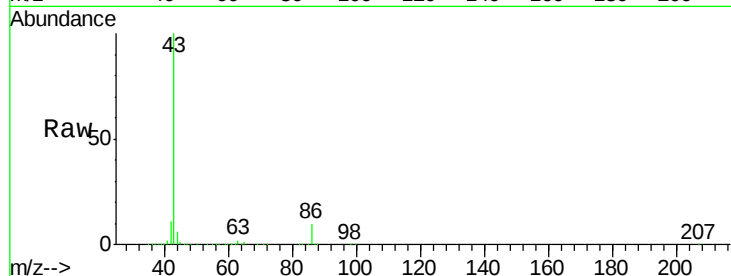
VW0508SBSD02

Tgt Ion: 43 Resp: 406212

Ion Ratio Lower Upper

43 100

86 10.4 7.9 11.9



#24

1,1-Dichloroethane

Concen: 20.35 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

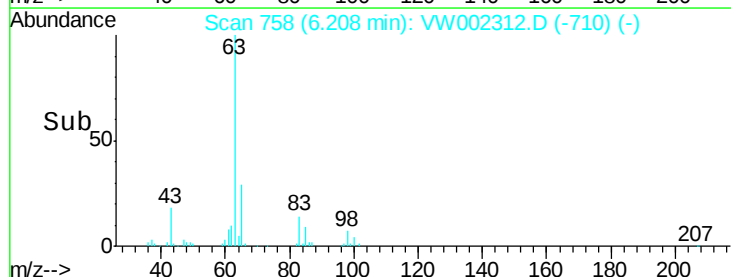
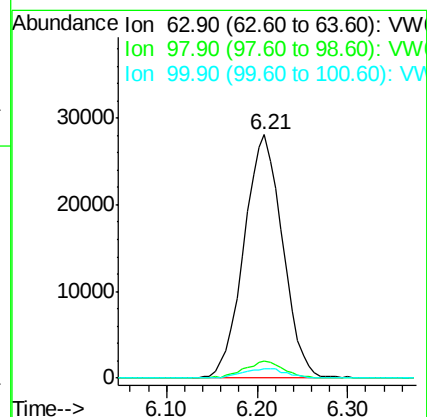
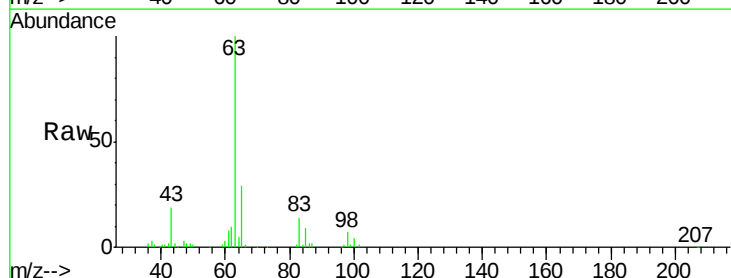
Tgt Ion: 63 Resp: 82756

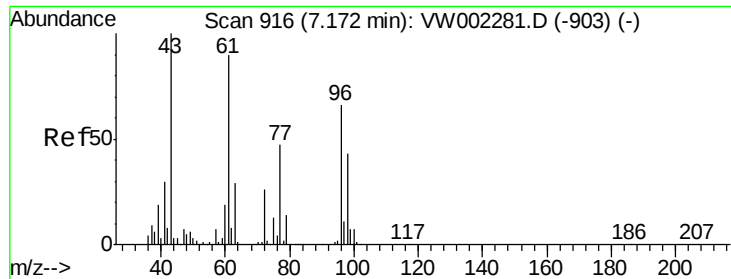
Ion Ratio Lower Upper

63 100

98 7.3 2.9 8.7

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 103.66 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

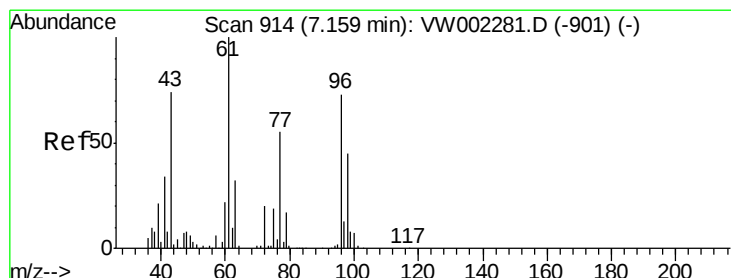
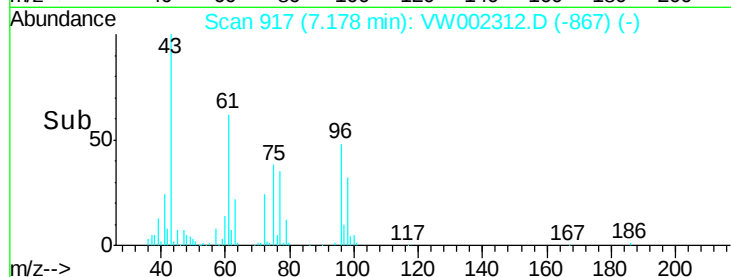
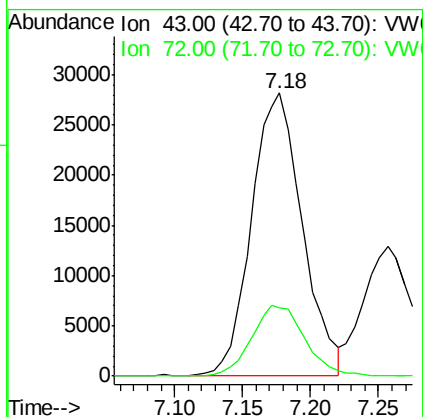
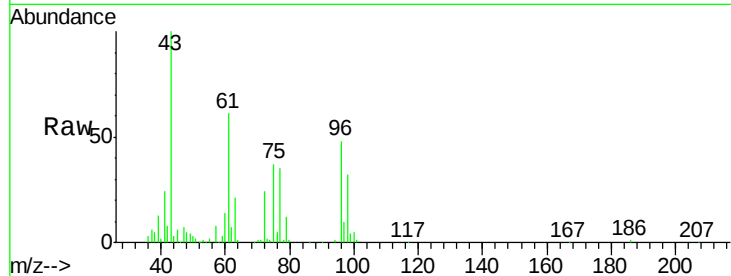
VW0508SBS02

Tgt Ion: 43 Resp: 73418

Ion Ratio Lower Upper

43 100

72 24.3 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.52 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.00 min

Lab File: VW002312.D

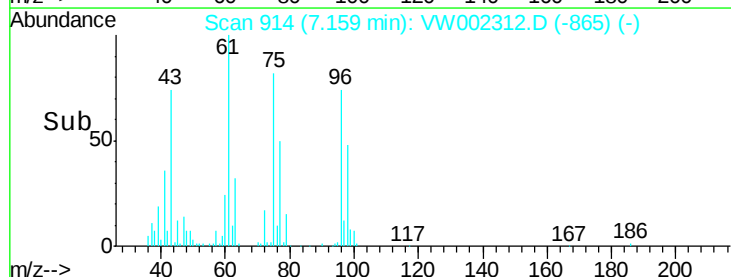
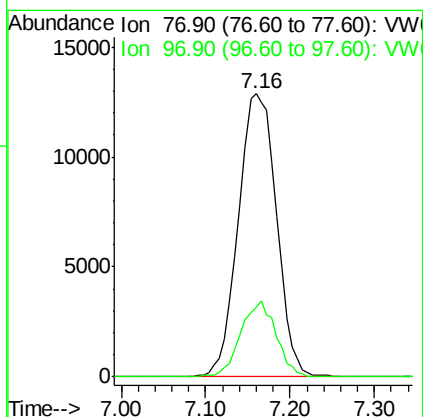
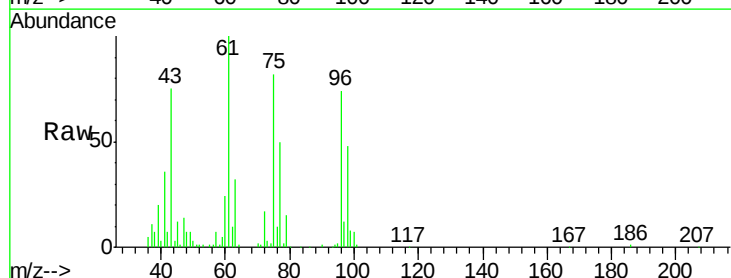
Acq: 09 May 2018 00:24

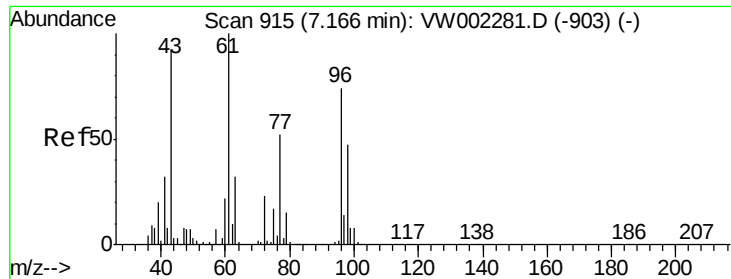
Tgt Ion: 77 Resp: 39567

Ion Ratio Lower Upper

77 100

97 24.8 12.7 38.0

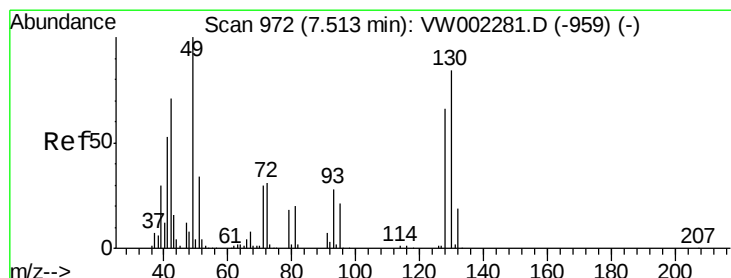
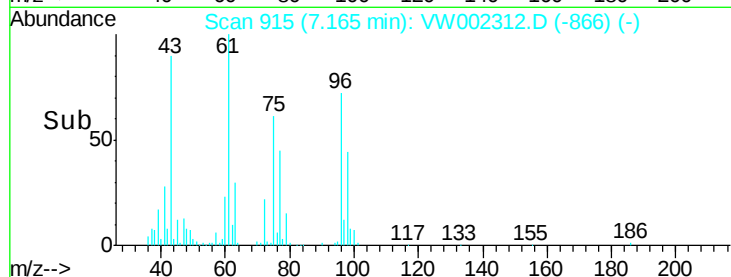
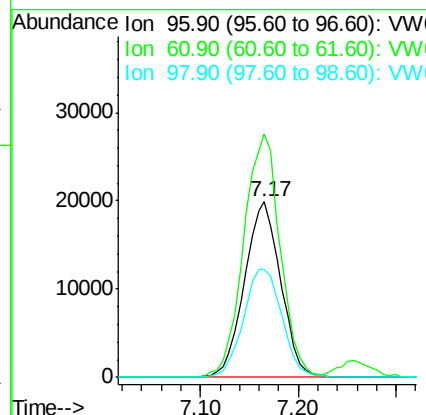
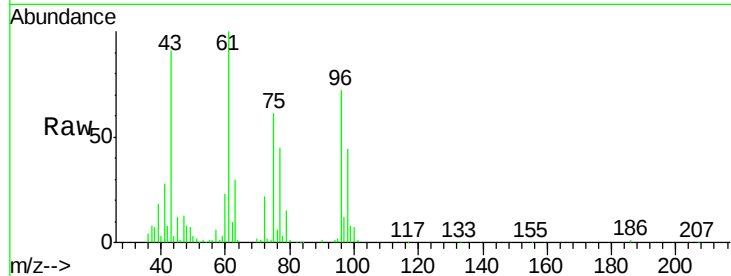




#27
 cis-1,2-Dichloroethene
 Concen: 20.19 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

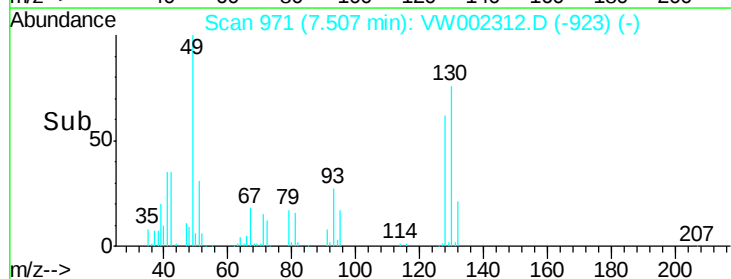
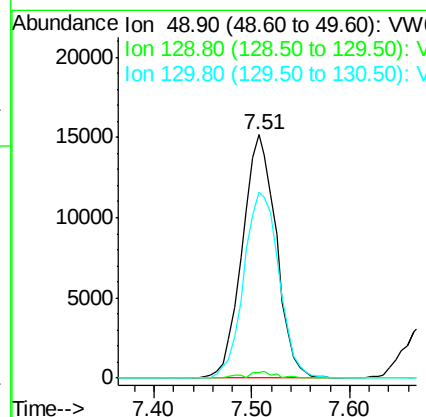
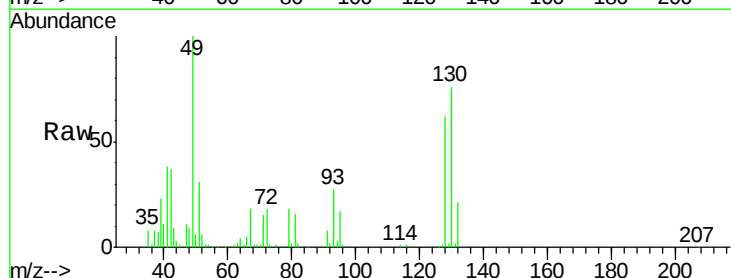
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

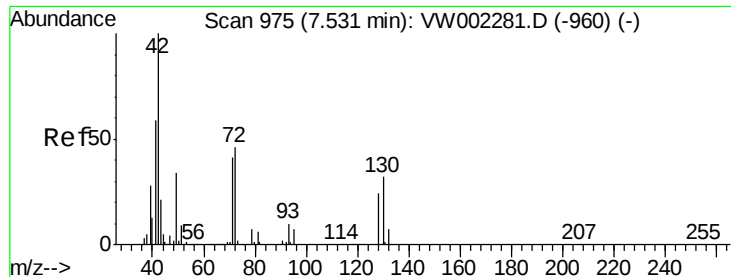
Tgt Ion: 96 Resp: 51138
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 274.8
 98 65.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.85 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 49 Resp: 36498
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.4
 130 79.2 65.5 98.3

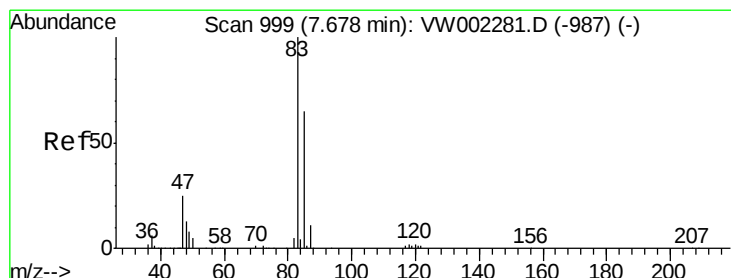
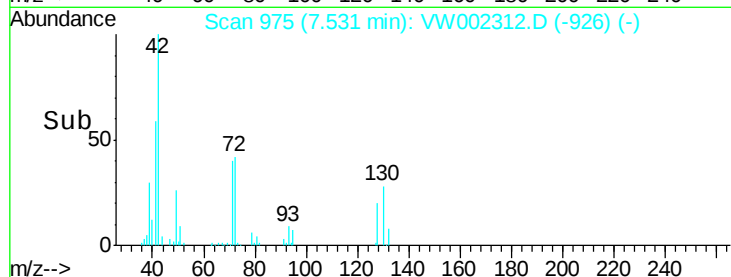
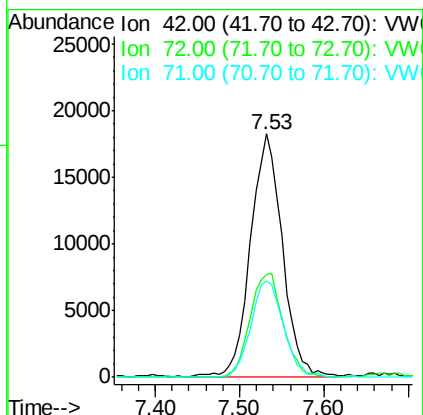
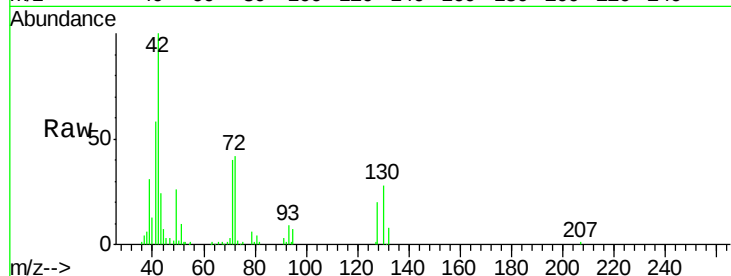




#29
Tetrahydrofuran
Concen: 101.39 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

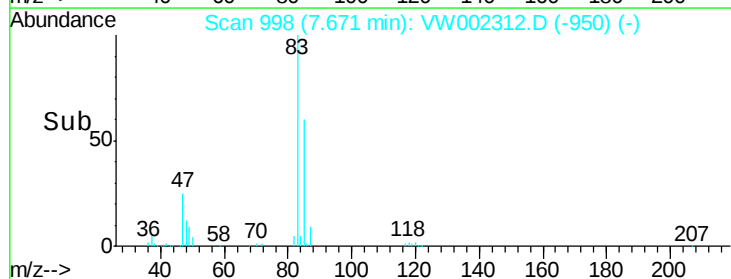
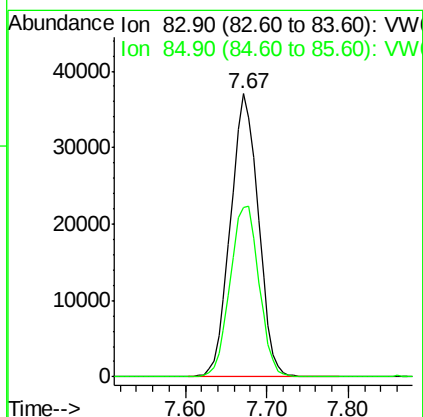
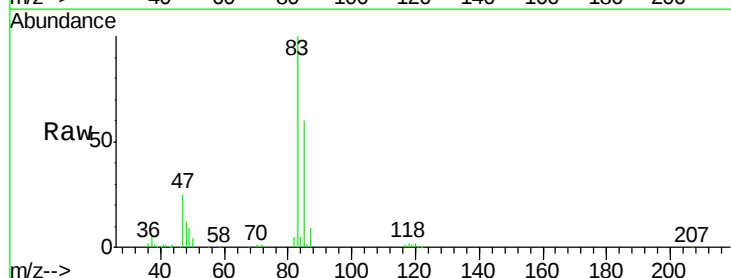
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

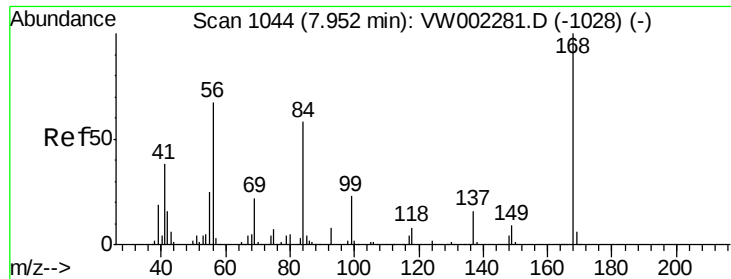
Tgt Ion: 42 Resp: 47098
Ion Ratio Lower Upper
42 100
72 44.0 34.5 51.7
71 40.5 33.0 49.6



#30
Chloroform
Concen: 20.53 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 83 Resp: 87406
Ion Ratio Lower Upper
83 100
85 59.9 51.8 77.6

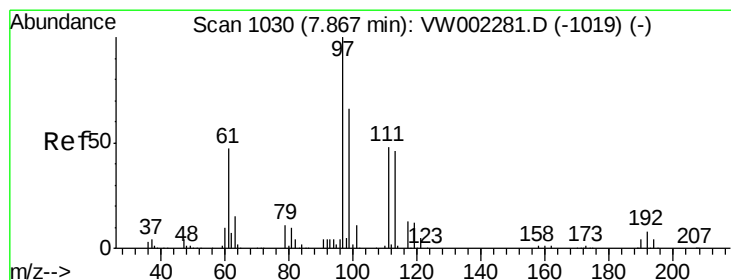
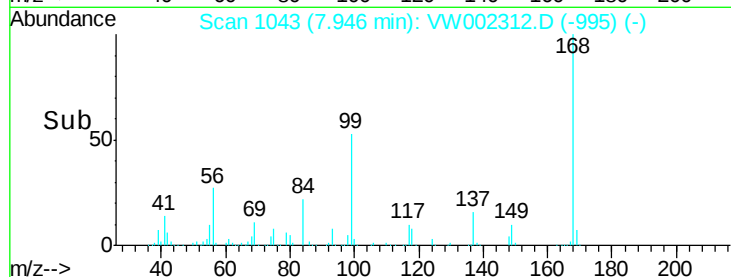
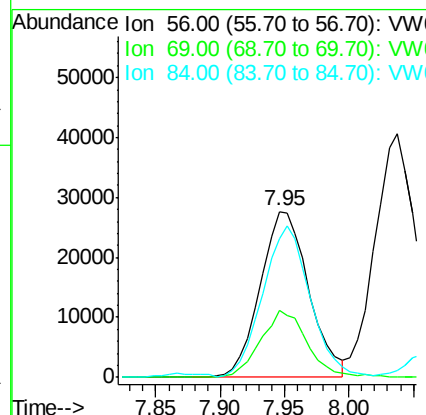
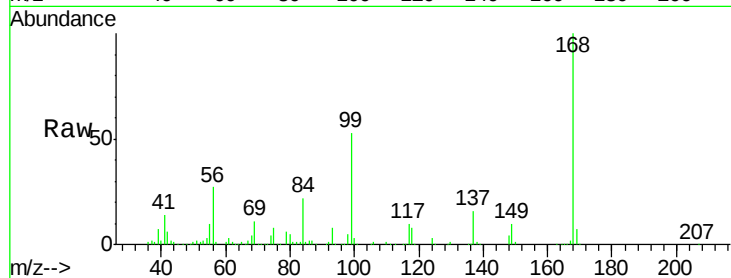




#31
Cyclohexane
Concen: 19.93 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

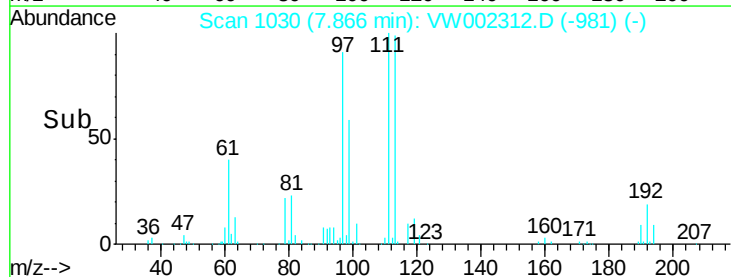
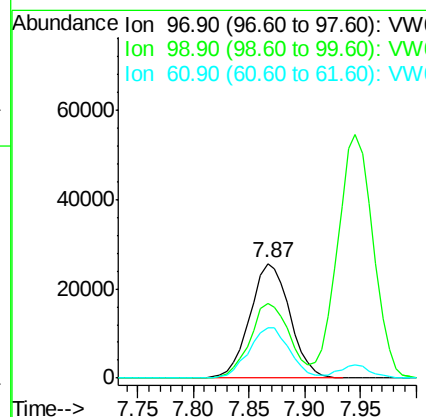
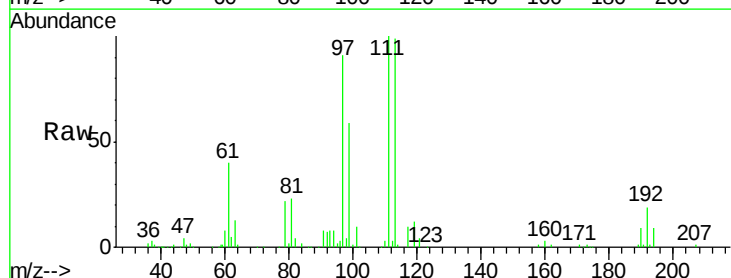
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

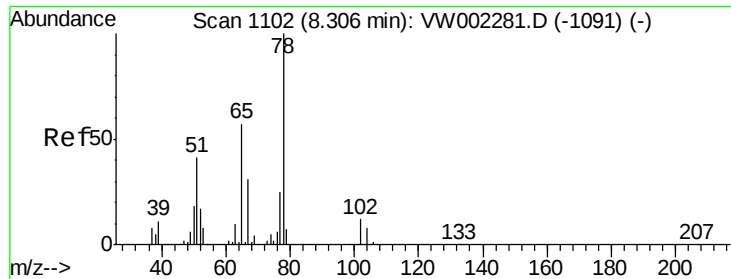
Tgt Ion: 56 Resp: 72330
Ion Ratio Lower Upper
56 100
69 40.2 26.2 39.4#
84 81.7 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 20.05 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 97 Resp: 64160
Ion Ratio Lower Upper
97 100
99 64.6 52.6 79.0
61 45.0 35.6 53.4

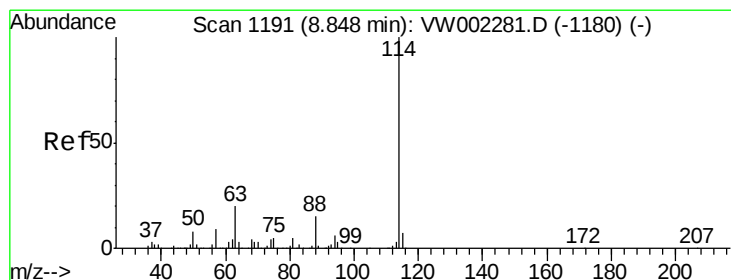
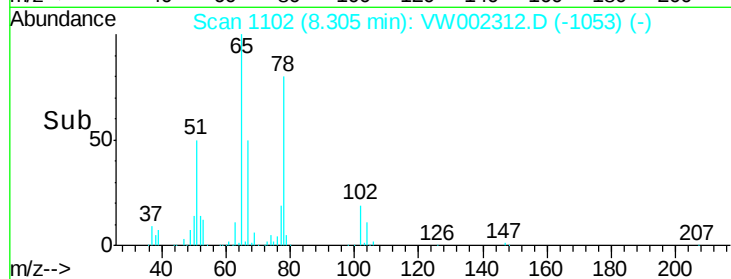
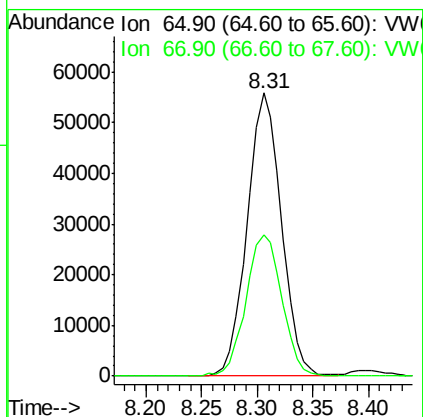
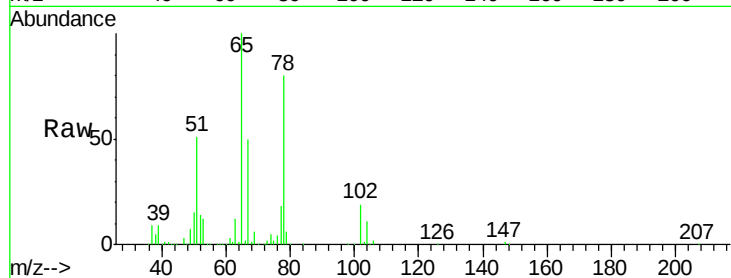




#33
 1,2-Dichloroethane-d4
 Concen: 49.06 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

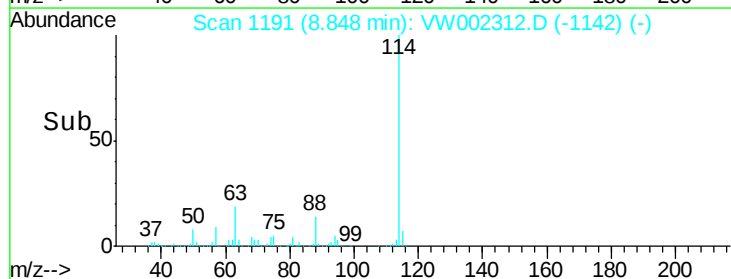
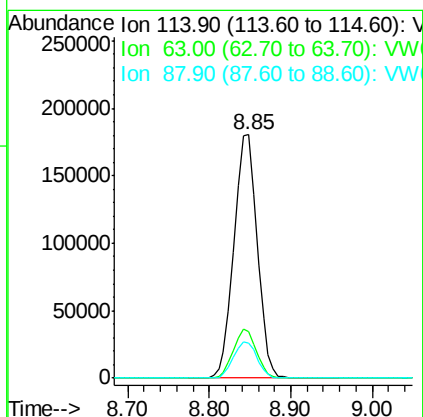
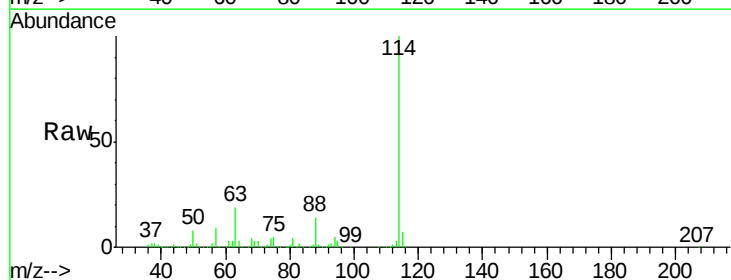
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

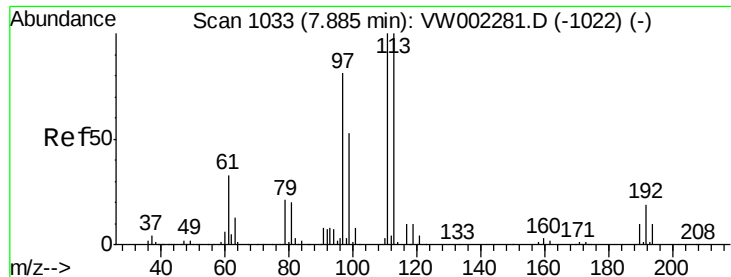
Tgt Ion: 65 Resp: 119831
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 114 Resp: 353586
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.0
 88 14.3 0.0 29.6

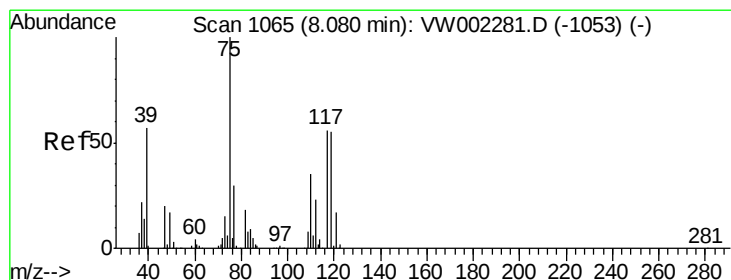
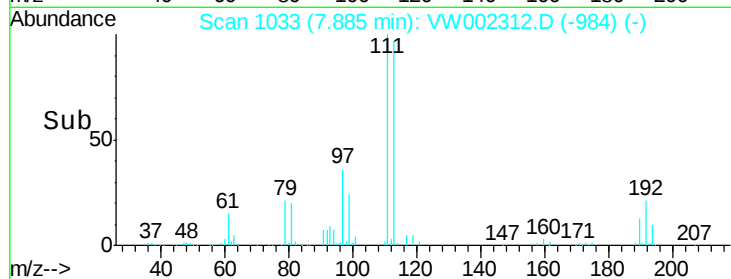
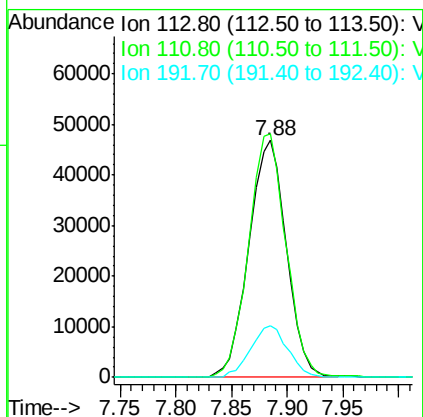
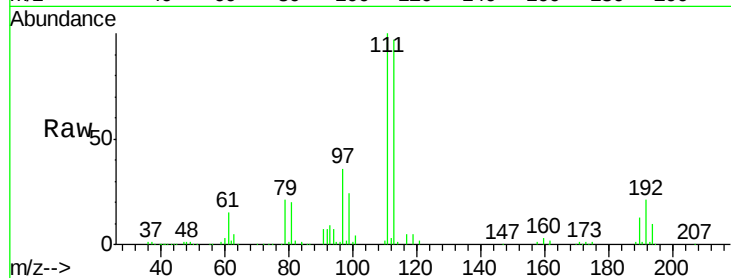




#35
 Dibromofluoromethane
 Concen: 48.53 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

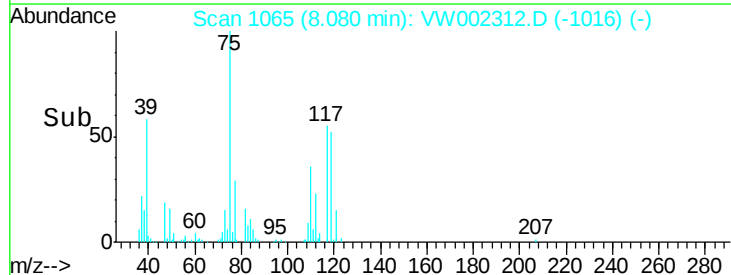
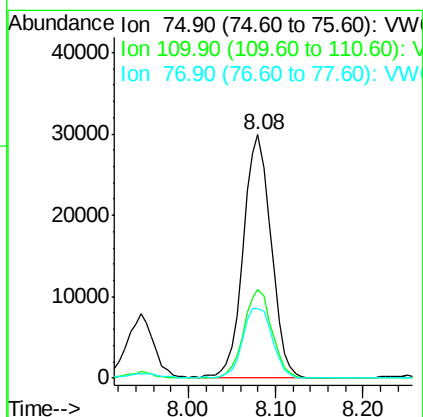
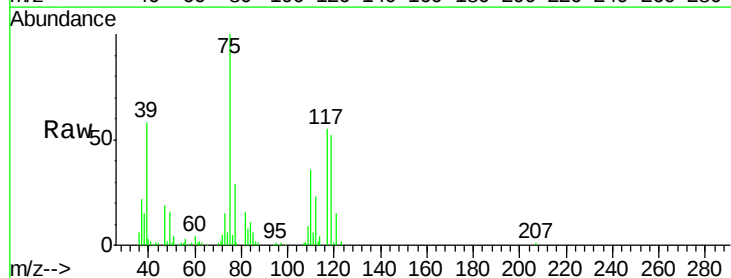
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

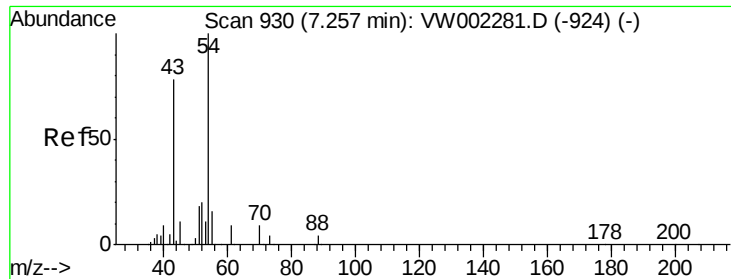
Tgt Ion: 113 Resp: 109983
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 21.6 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 20.76 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 75 Resp: 66381
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.1
 77 30.7 24.5 36.7

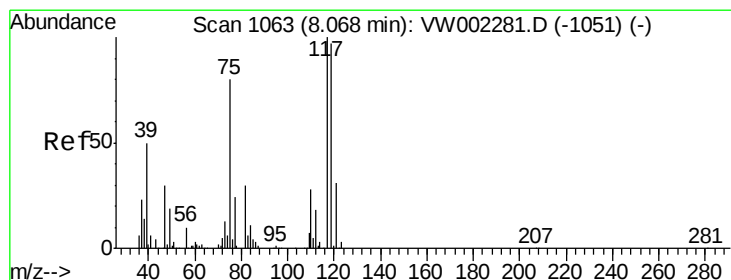
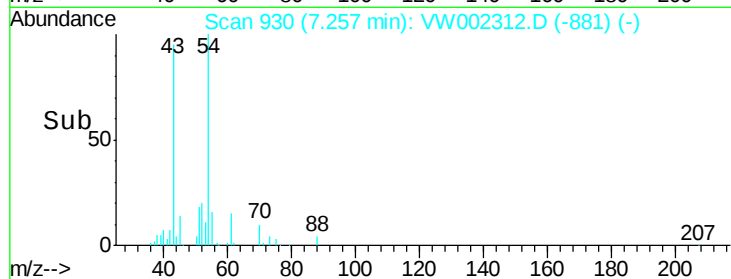
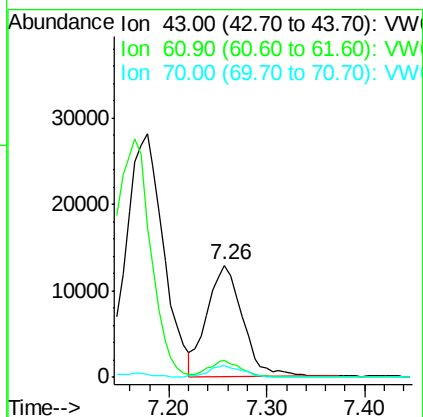
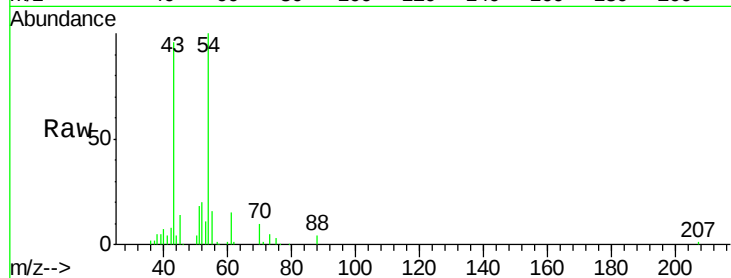




#37
 Ethyl Acetate
 Concen: 20.88 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

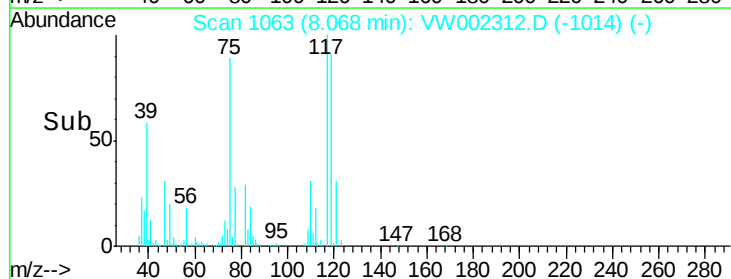
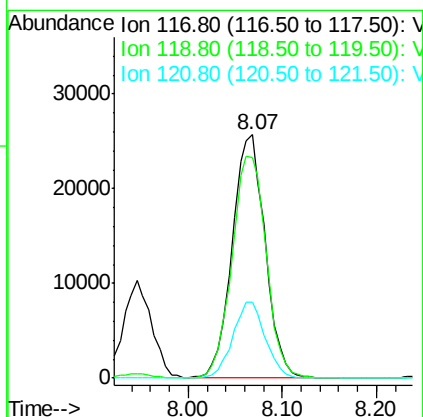
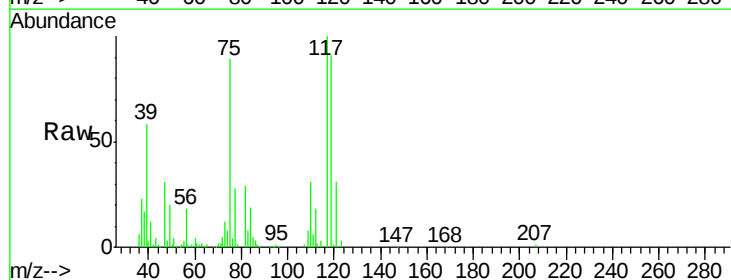
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

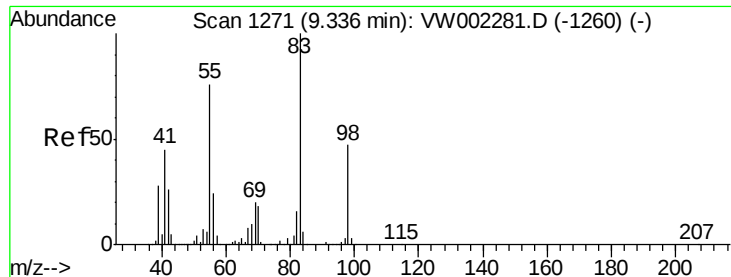
Tgt Ion: 43 Resp: 32538
 Ion Ratio Lower Upper
 43 100
 61 14.0 11.1 16.7
 70 10.1 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 20.27 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 117 Resp: 62679
 Ion Ratio Lower Upper
 117 100
 119 90.5 77.5 116.3
 121 31.1 24.4 36.6

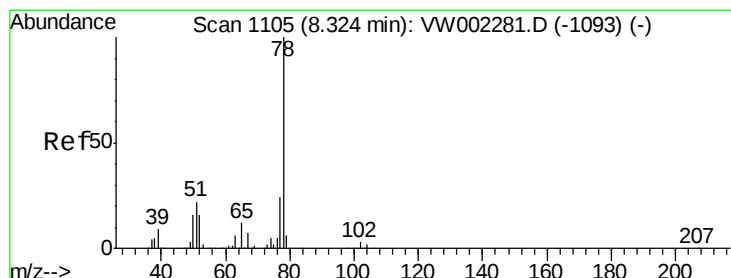
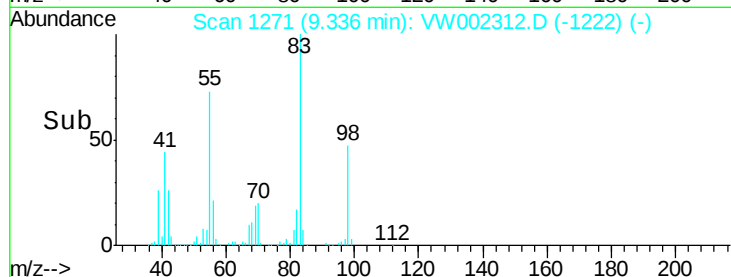
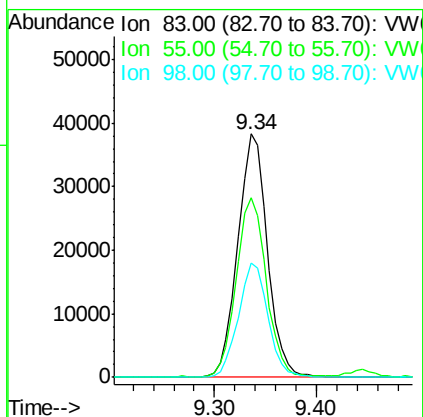
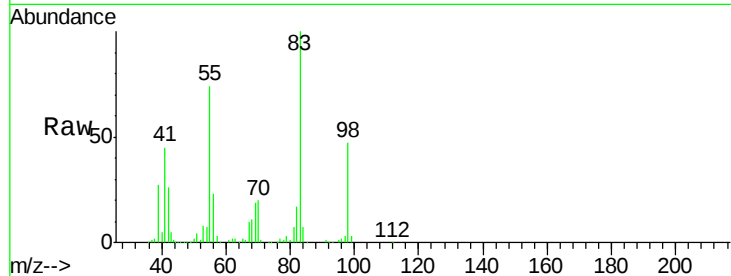




#39
Methylcyclohexane
Concen: 20.68 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

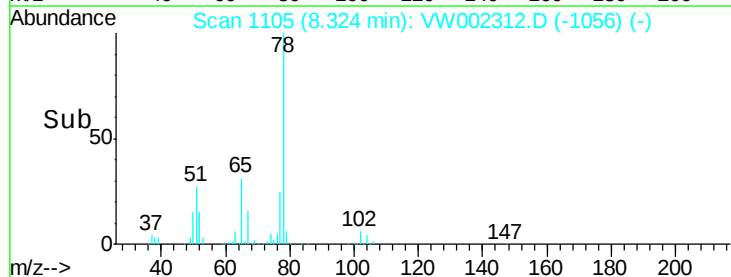
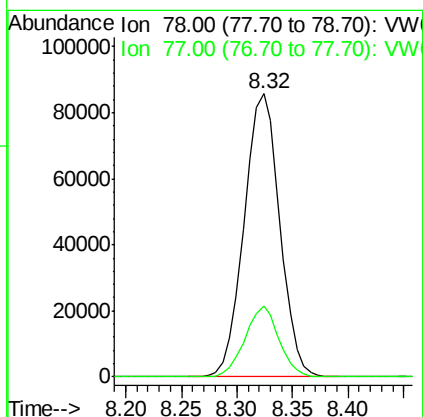
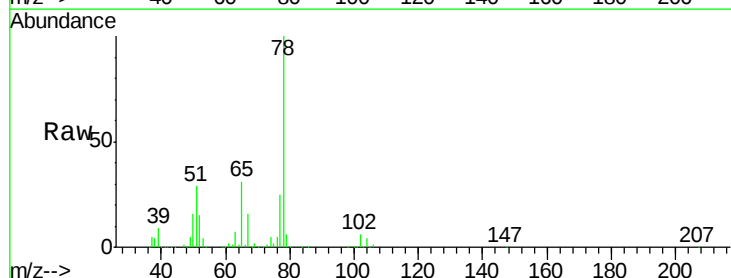
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBS02

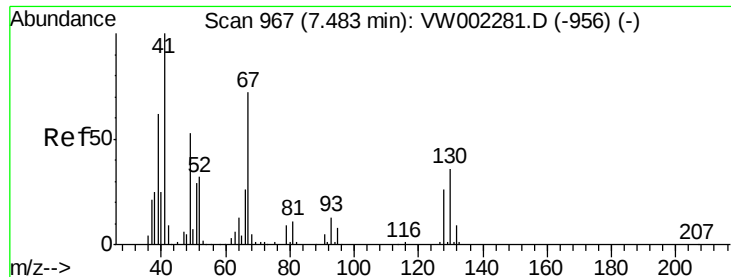
Tgt Ion: 83 Resp: 77181
Ion Ratio Lower Upper
83 100
55 73.3 60.6 91.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 20.41 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 78 Resp: 190760
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9

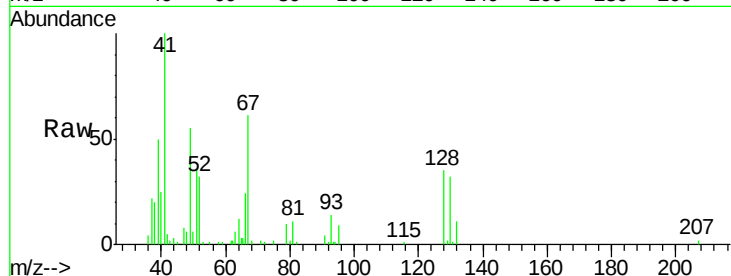




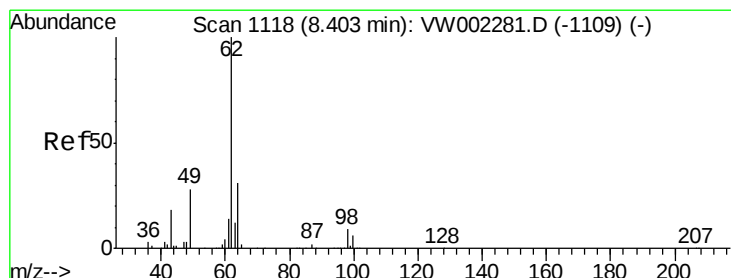
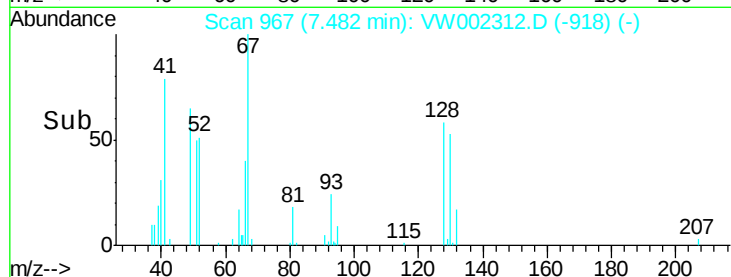
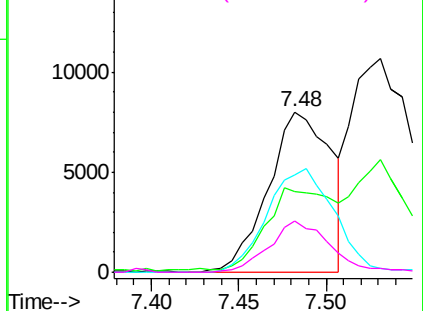
#41
Methacrylonitrile
Concen: 22.35 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

Tgt Ion:	41	Resp:	19960
Ion	Ratio	Lower	Upper
41	100		
39	55.2	40.2	60.4
67	69.6	54.7	82.1
52	31.0	23.6	35.4

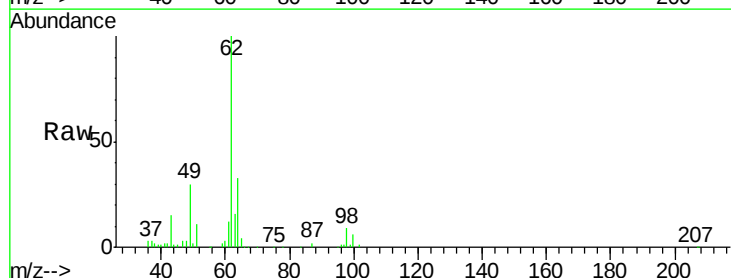


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

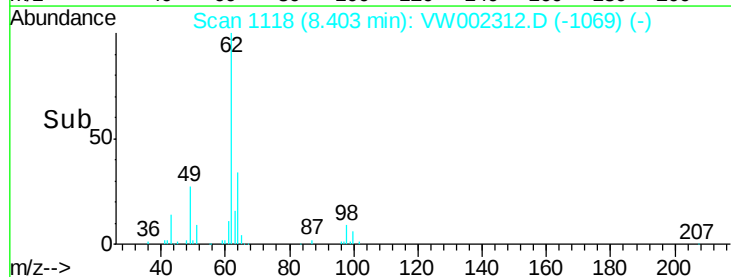
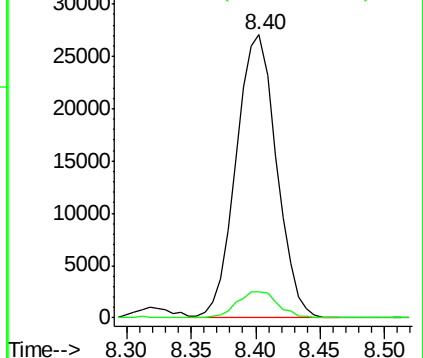


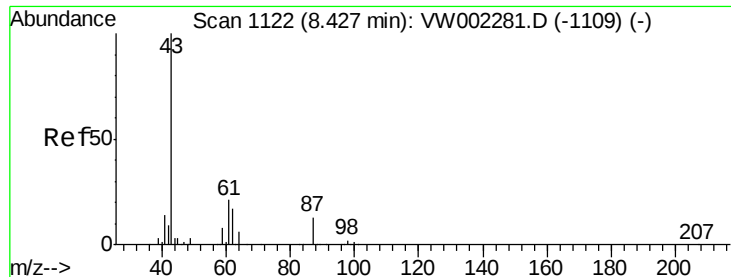
#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion:	62	Resp:	58976
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 20.71 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBSD02

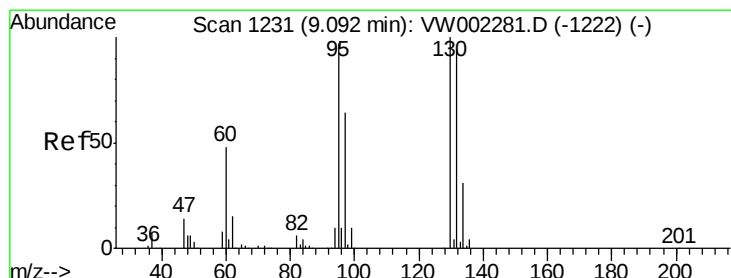
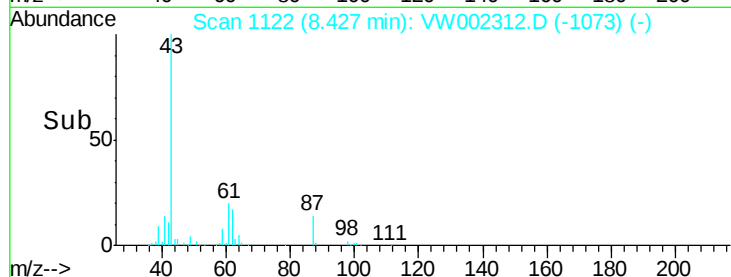
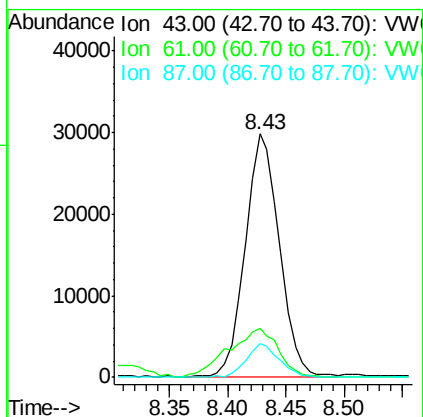
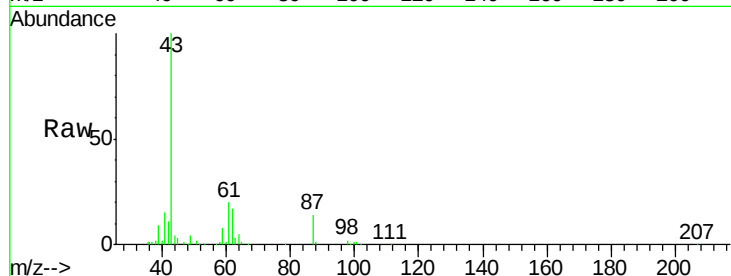
Tgt Ion: 43 Resp: 61225

Ion Ratio Lower Upper

43 100

61 29.1 23.7 35.5

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 20.38 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002312.D

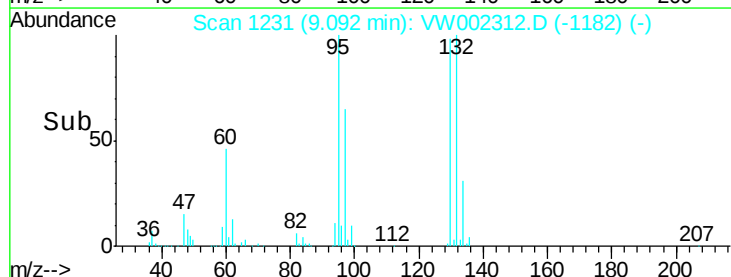
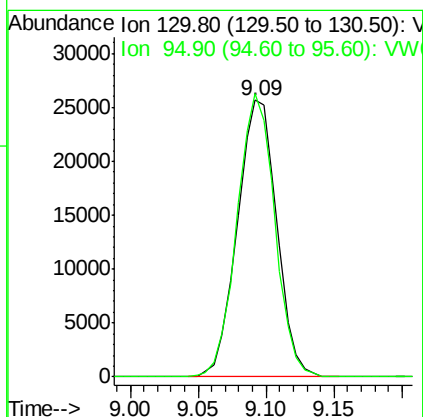
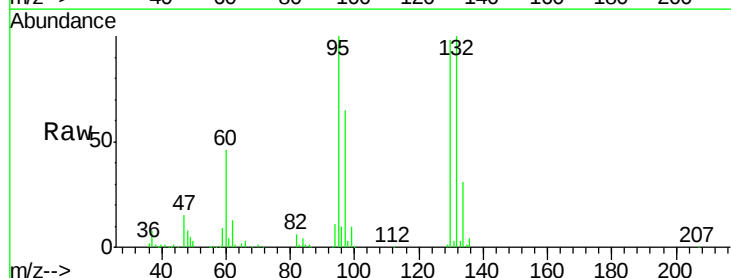
Acq: 09 May 2018 00:24

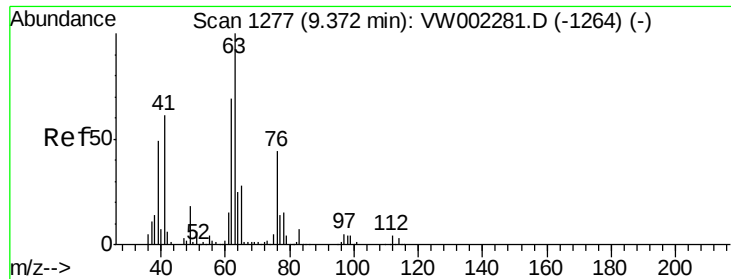
Tgt Ion: 130 Resp: 51923

Ion Ratio Lower Upper

130 100

95 102.2 0.0 193.4

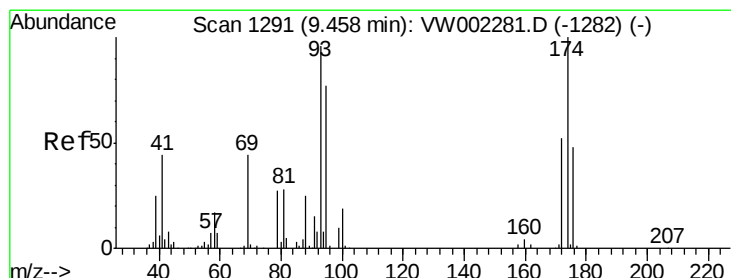
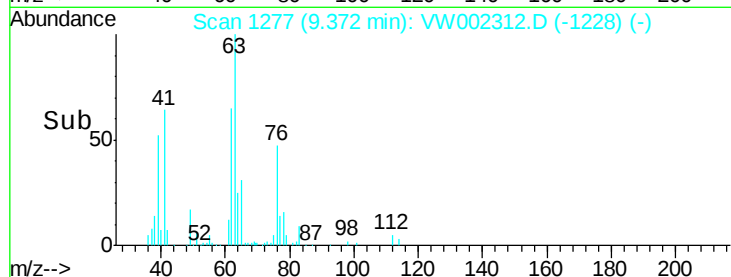
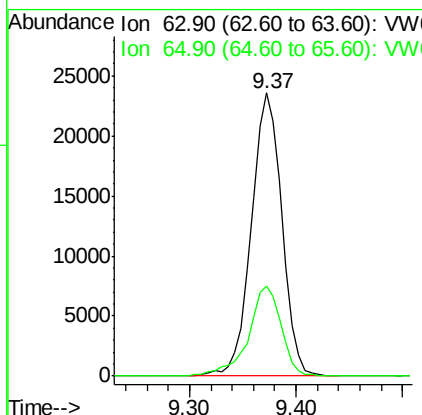
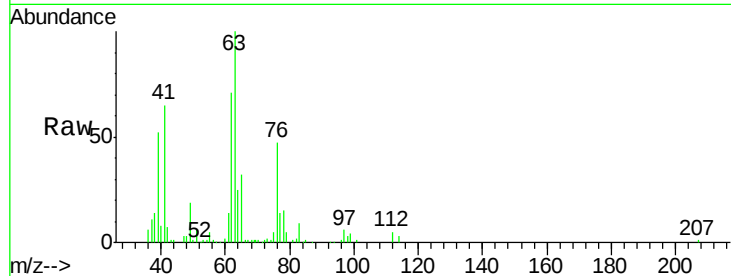




#45
 1,2-Dichloropropane
 Concen: 20.26 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

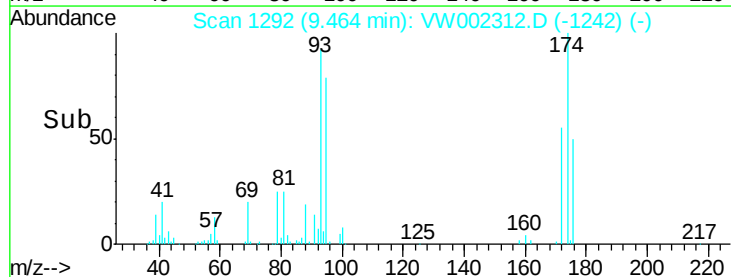
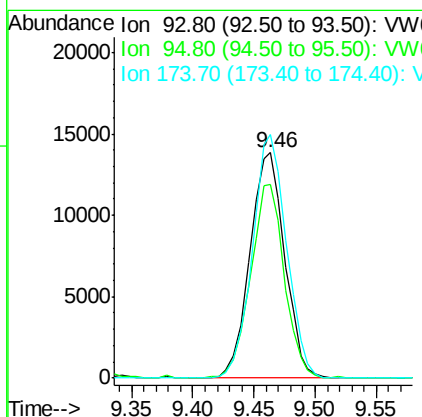
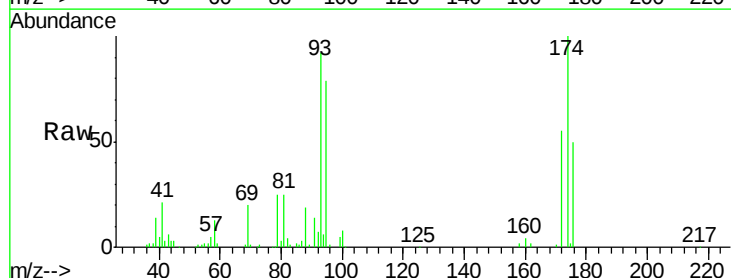
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0508SBS02

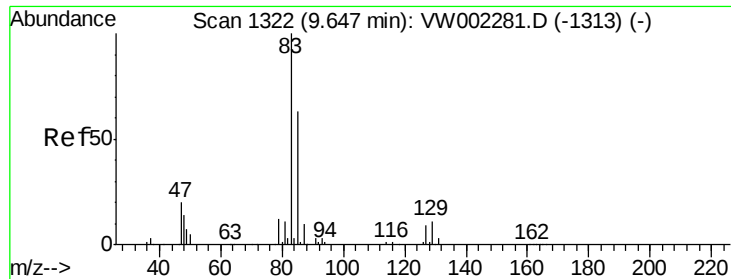
Tgt Ion: 63 Resp: 47454
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.9 34.3



#46
 Dibromomethane
 Concen: 20.94 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 93 Resp: 27411
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 105.9 86.8 130.2

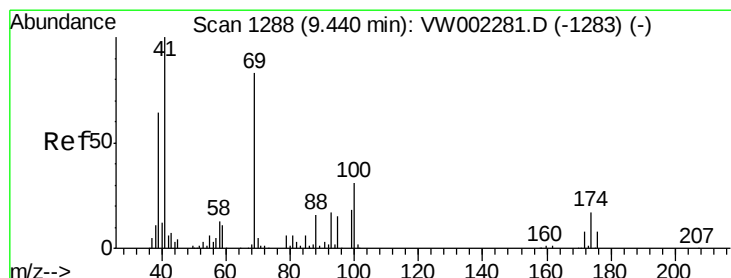
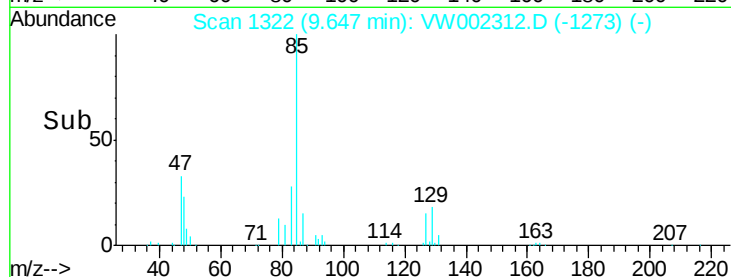
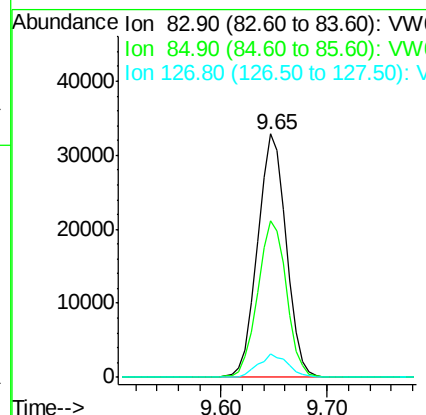
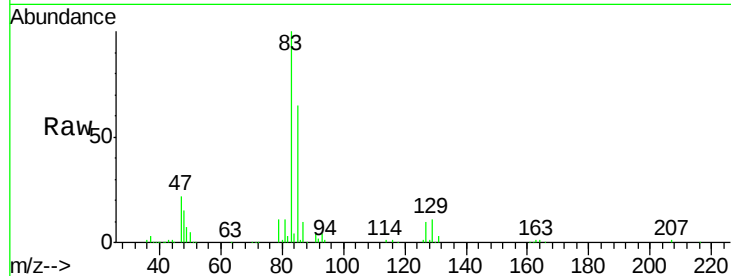




#47
Bromodichloromethane
Concen: 20.11 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

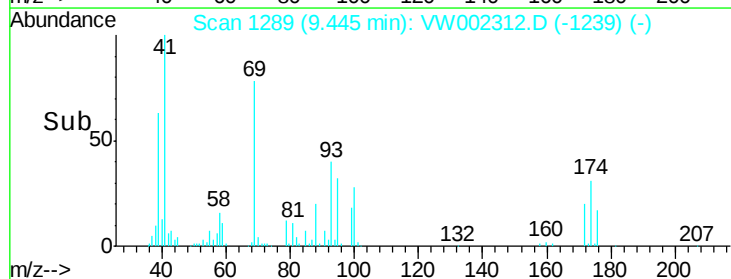
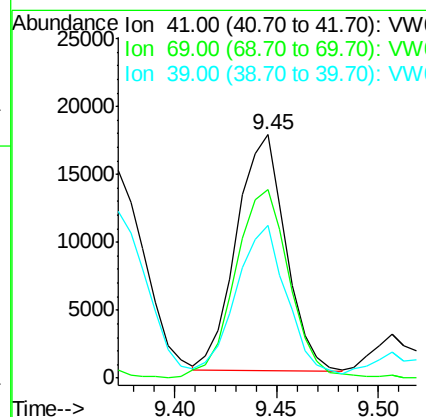
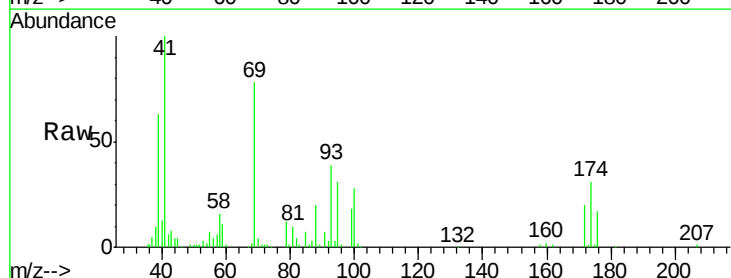
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBS02

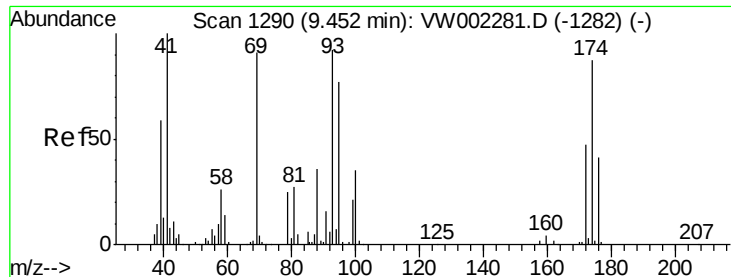
Tgt Ion: 83 Resp: 62144
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.2
127 9.7 6.9 10.3



#48
Methyl methacrylate
Concen: 20.33 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 41 Resp: 29193
Ion Ratio Lower Upper
41 100
69 88.5 69.9 104.9
39 68.4 54.0 81.0

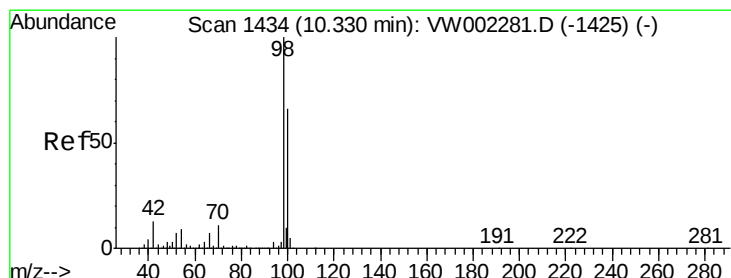
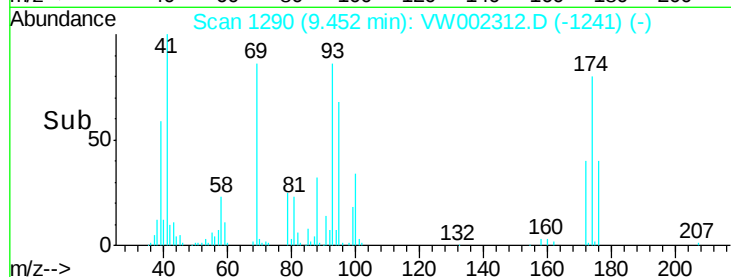
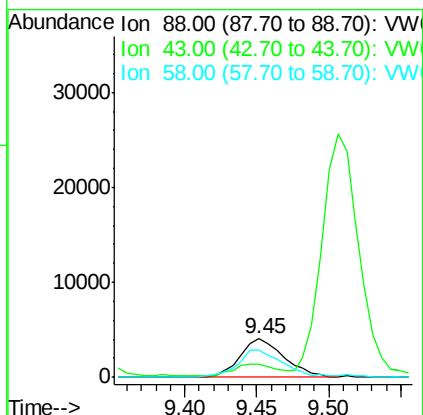
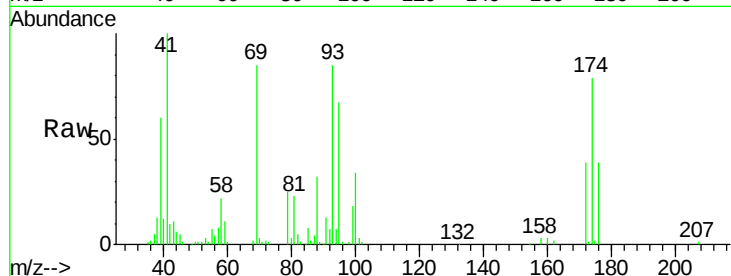




#49
1,4-Dioxane
Concen: 419.98 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

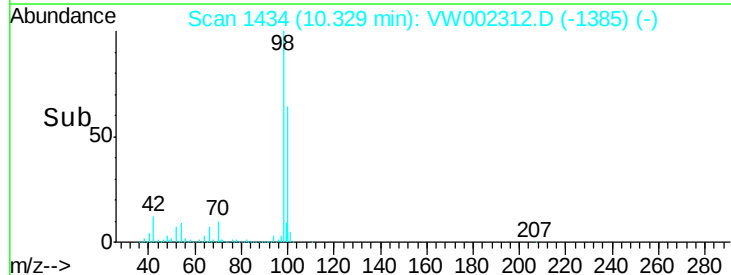
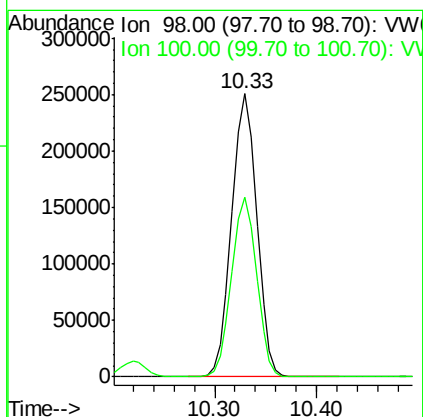
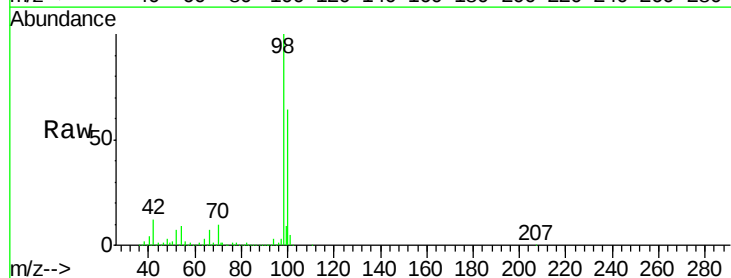
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

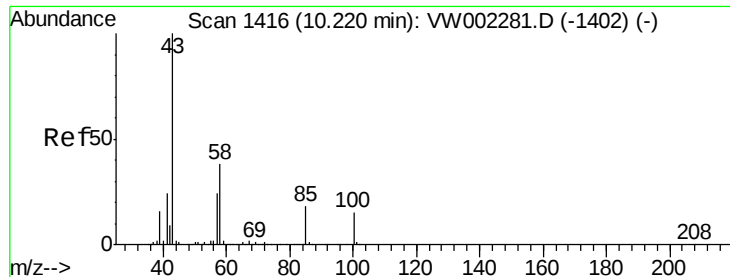
Tgt Ion: 88 Resp: 8734
Ion Ratio Lower Upper
88 100
43 31.0 26.3 39.5
58 71.8 56.0 84.0



#50
Toluene-d8
Concen: 49.35 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 98 Resp: 426527
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 102.32 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

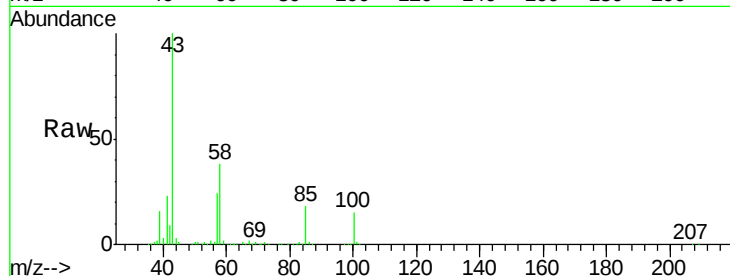
VW0508SBSD02

Tgt Ion: 43 Resp: 166878

Ion Ratio Lower Upper

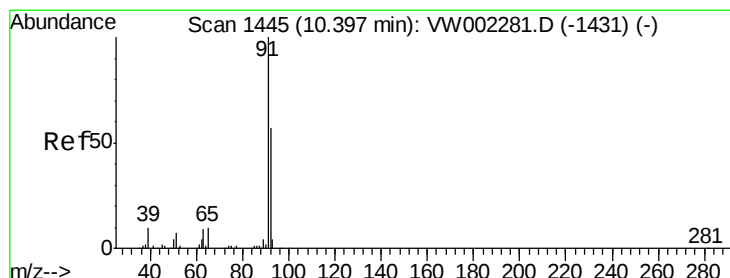
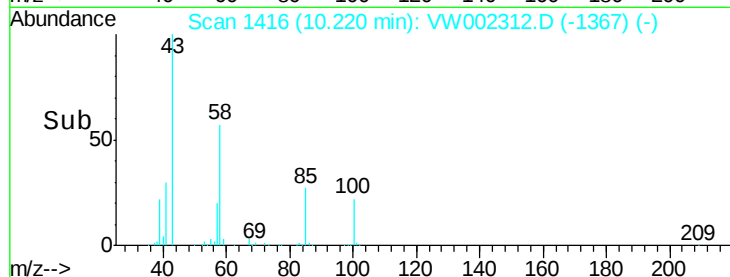
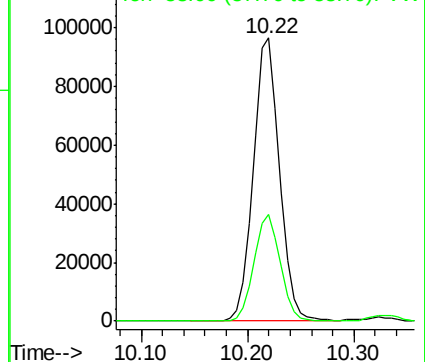
43 100

58 37.8 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.42 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW002312.D

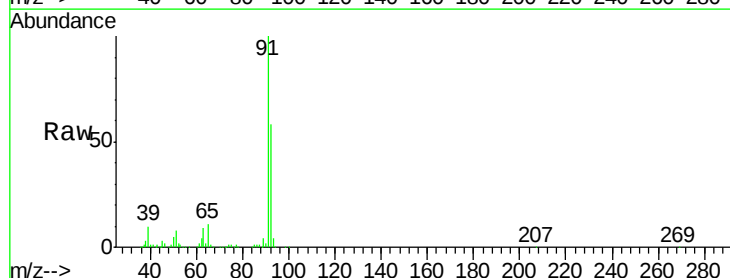
Acq: 09 May 2018 00:24

Tgt Ion: 92 Resp: 121252

Ion Ratio Lower Upper

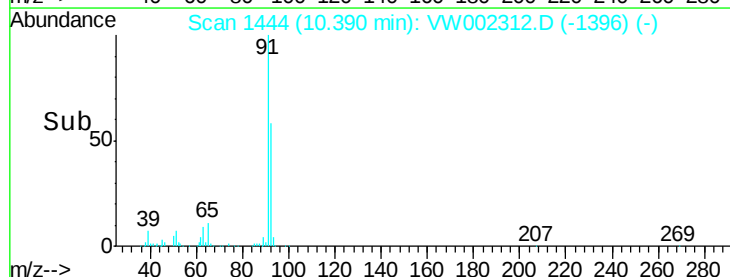
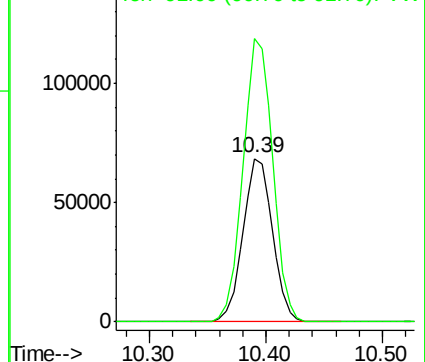
92 100

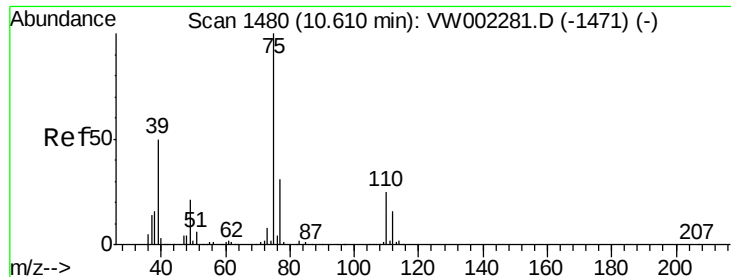
91 174.6 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.04 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

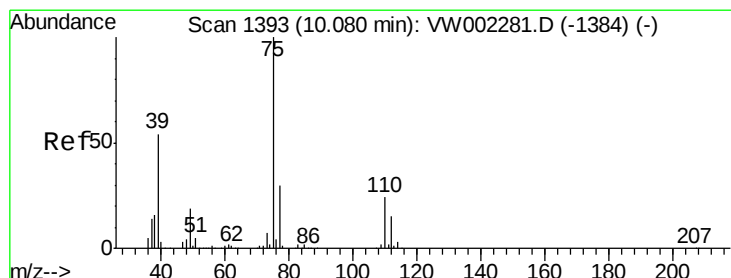
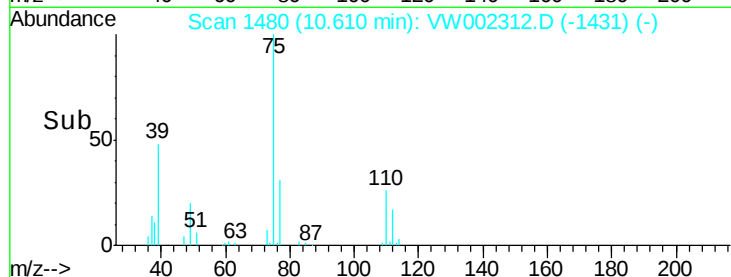
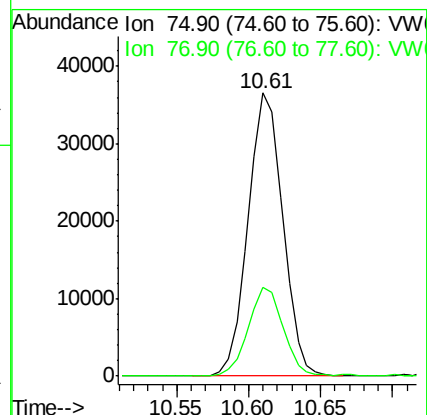
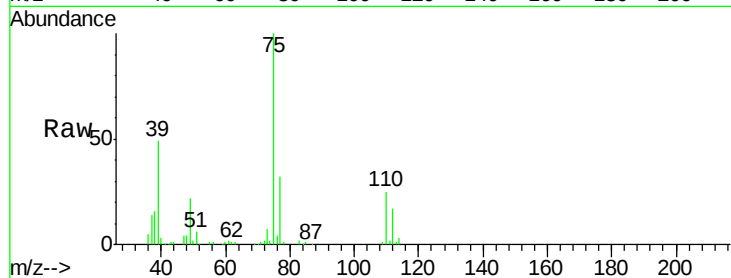
VW0508SBSD02

Tgt Ion: 75 Resp: 60860

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.00 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

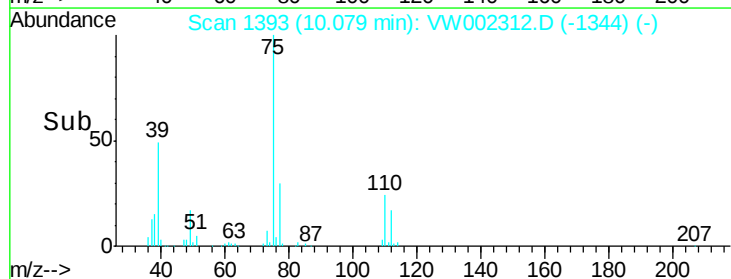
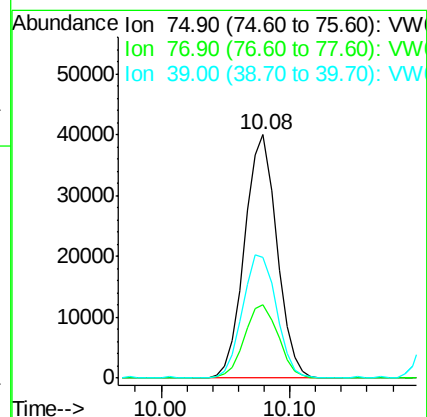
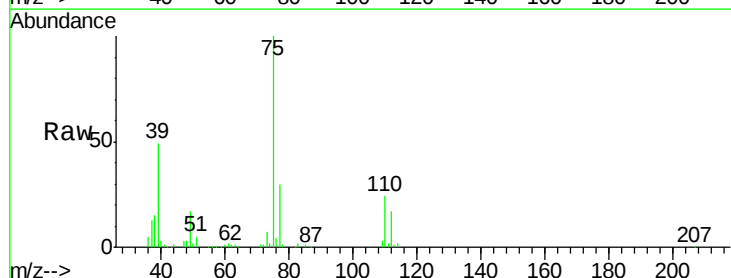
Tgt Ion: 75 Resp: 69456

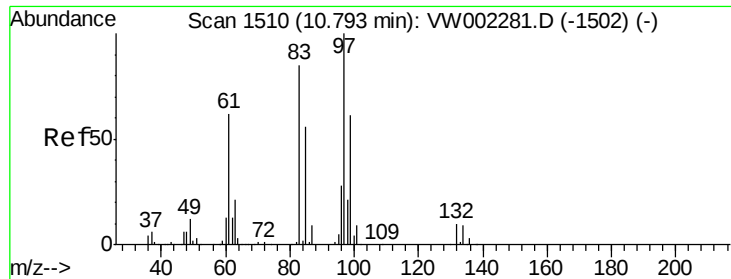
Ion Ratio Lower Upper

75 100

77 29.9 23.9 35.9

39 49.5 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 20.56 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBS02

Tgt Ion: 97 Resp: 37903

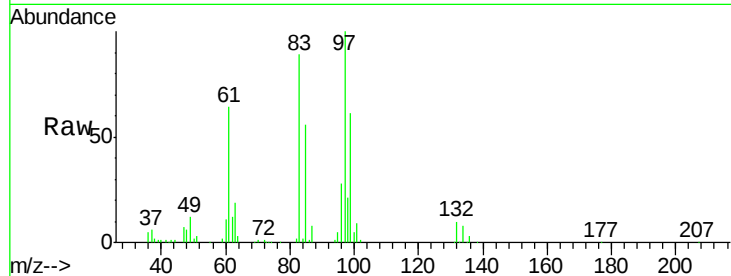
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.4	102.6
85	56.3	44.6	67.0
99	61.0	48.8	73.2

97 100

83 88.6 68.4 102.6

85 56.3 44.6 67.0

99 61.0 48.8 73.2

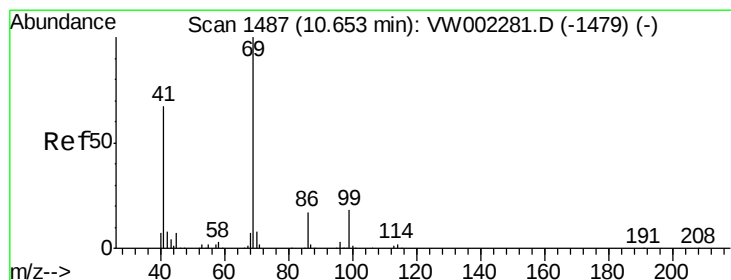
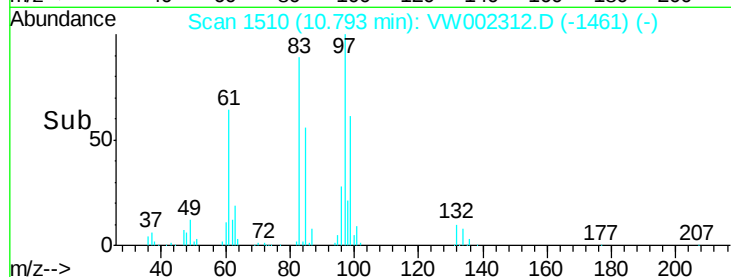
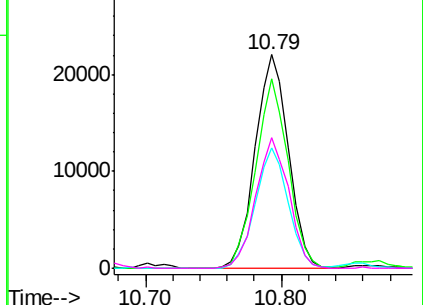


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.52 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

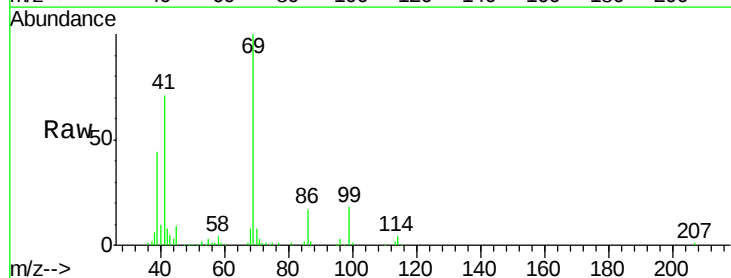
Tgt Ion: 69 Resp: 46757

Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.0	84.0
39	40.0	32.7	49.1

69 100

41 67.8 56.0 84.0

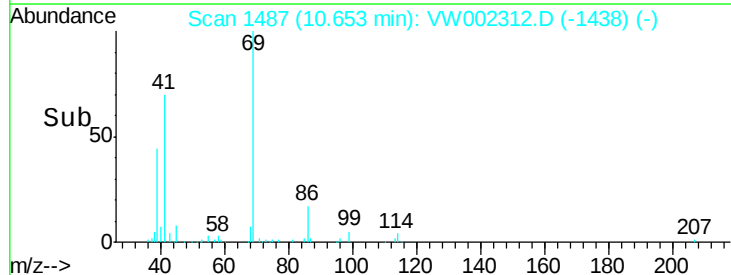
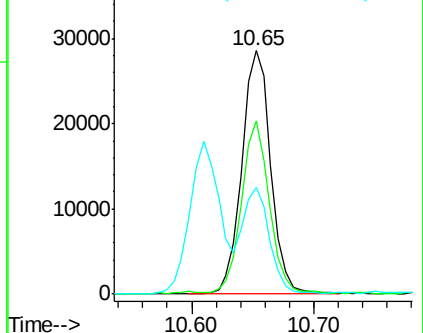
39 40.0 32.7 49.1

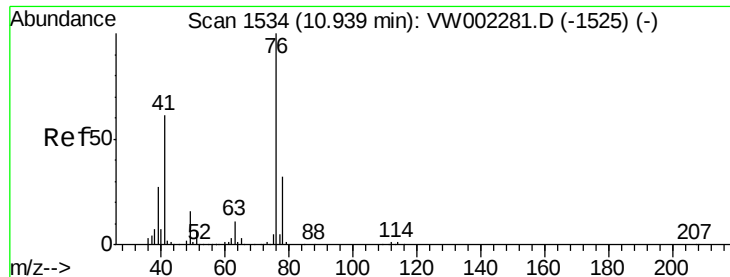


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

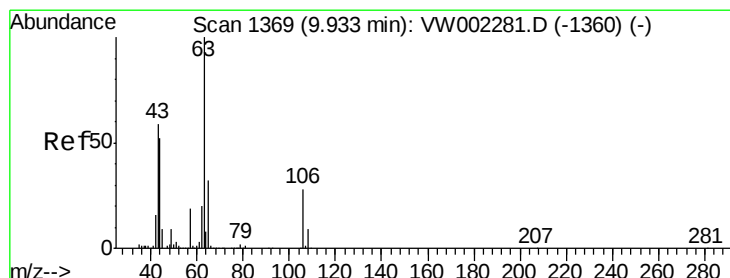
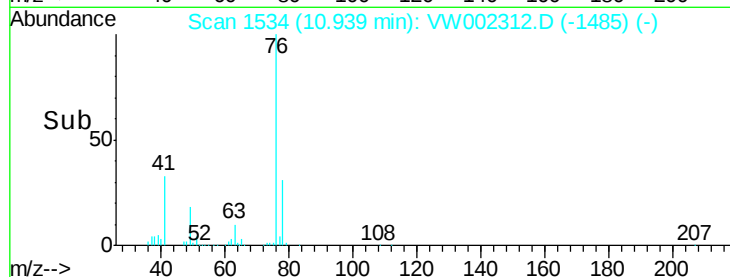
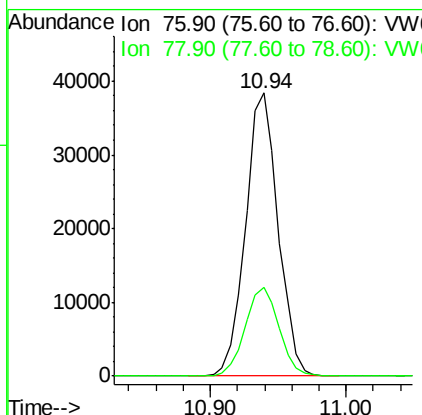
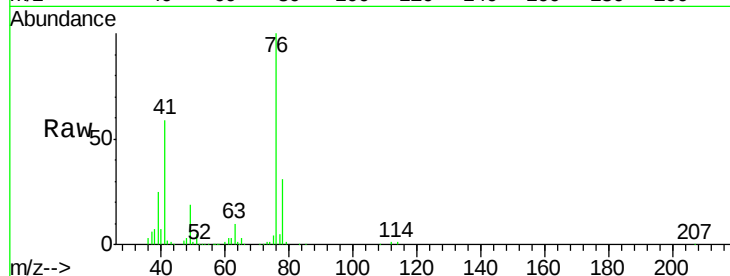




#57
 1,3-Dichloropropane
 Concen: 20.53 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

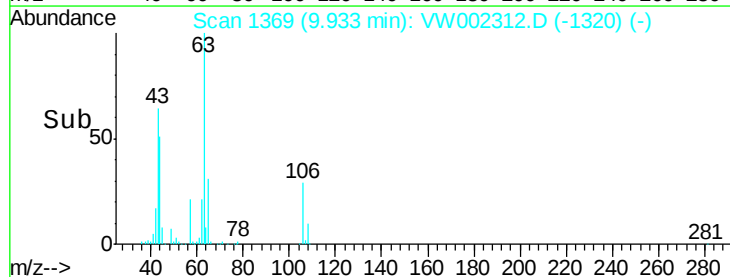
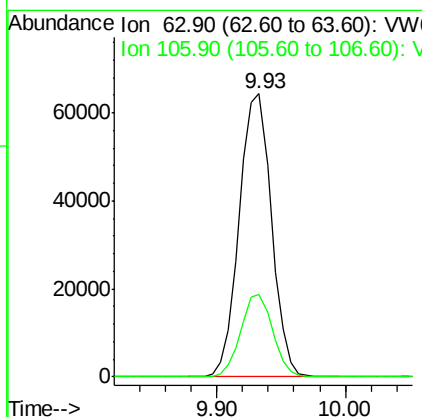
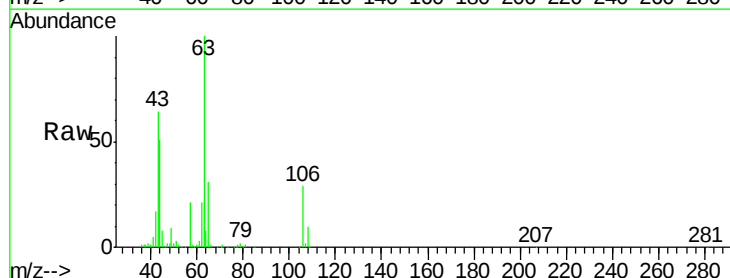
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

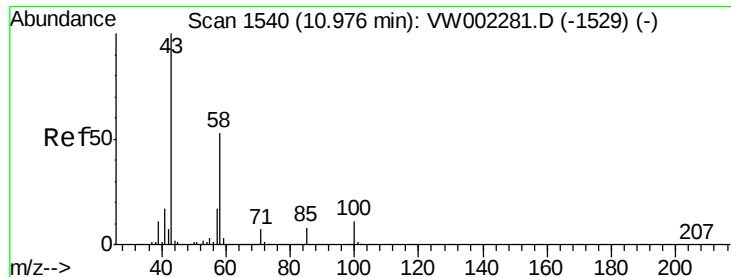
Tgt Ion: 76 Resp: 64334
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.69 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 63 Resp: 111358
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.5 33.7

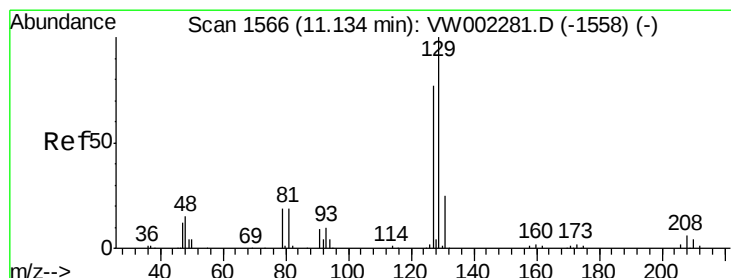
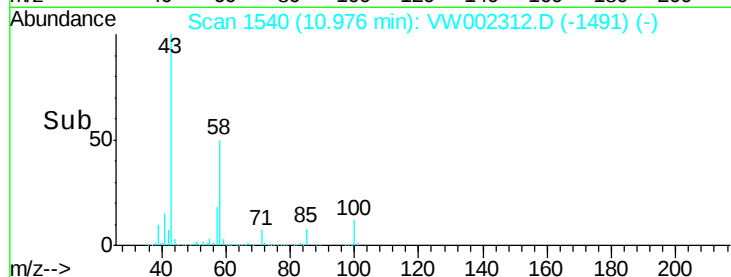
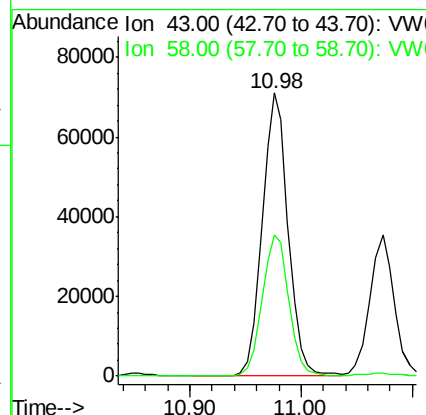
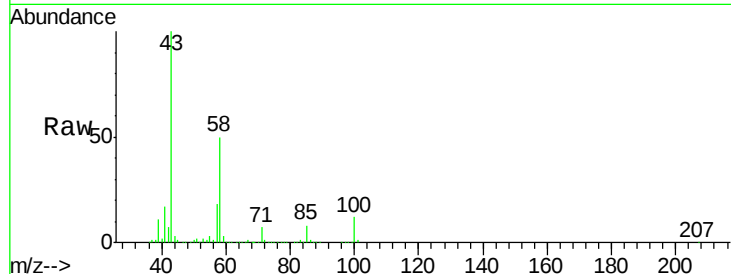




#59
2-Hexanone
Concen: 103.00 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

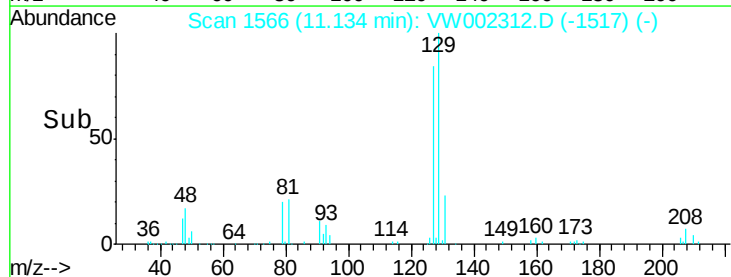
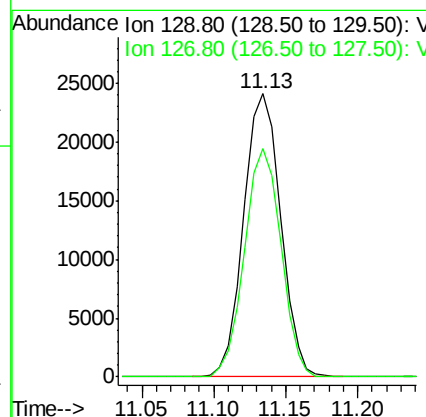
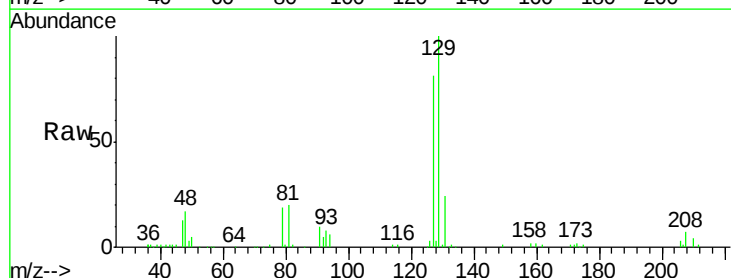
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

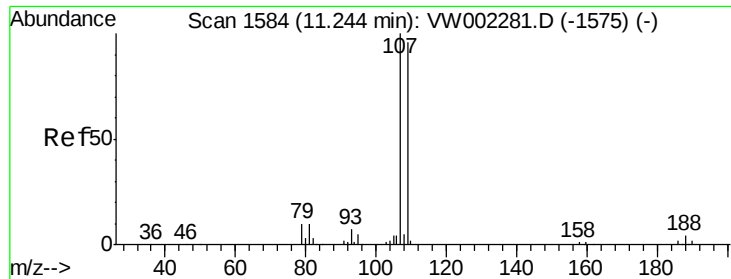
Tgt Ion: 43 Resp: 114910
Ion Ratio Lower Upper
43 100
58 51.2 26.0 78.0



#60
Dibromochloromethane
Concen: 19.74 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 129 Resp: 42952
Ion Ratio Lower Upper
129 100
127 79.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 20.76 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.01 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

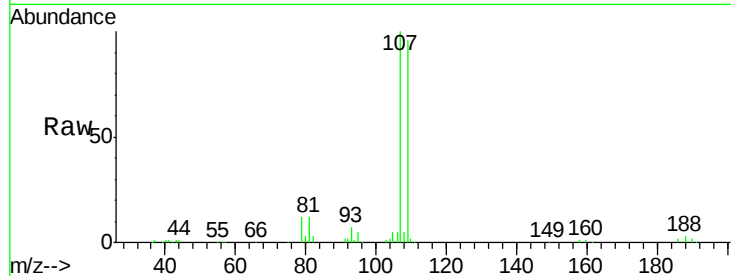
VW0508SBSD02

Tgt Ion: 107 Resp: 37413

Ion Ratio Lower Upper

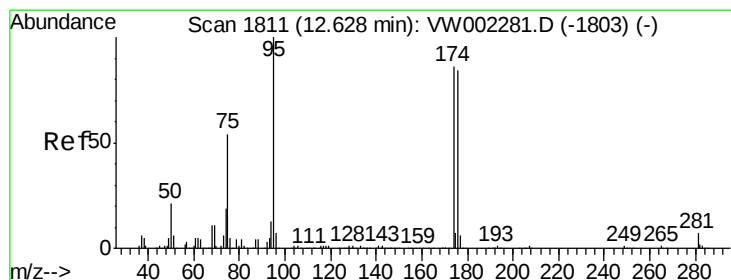
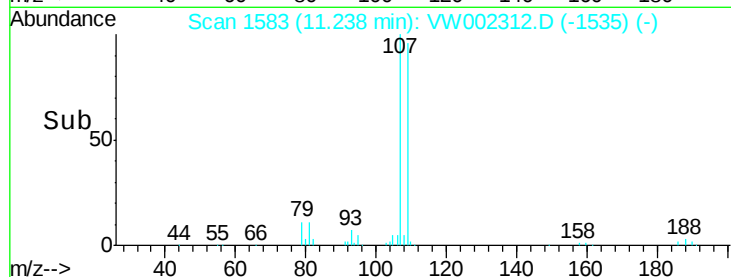
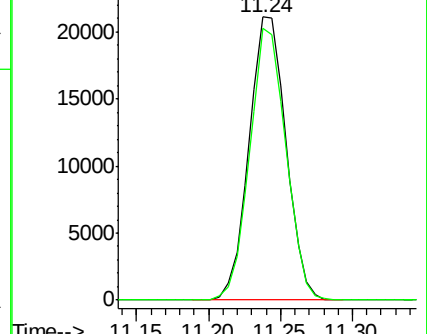
107 100

109 93.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.91 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

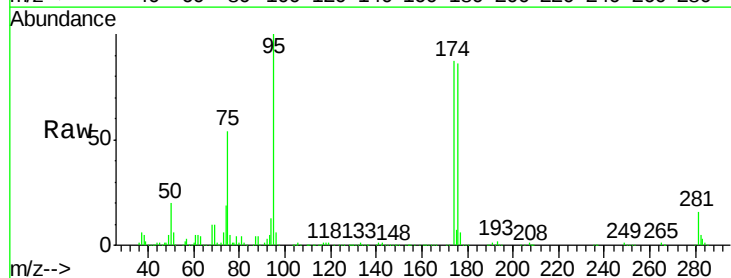
Tgt Ion: 95 Resp: 155878

Ion Ratio Lower Upper

95 100

174 87.6 0.0 176.8

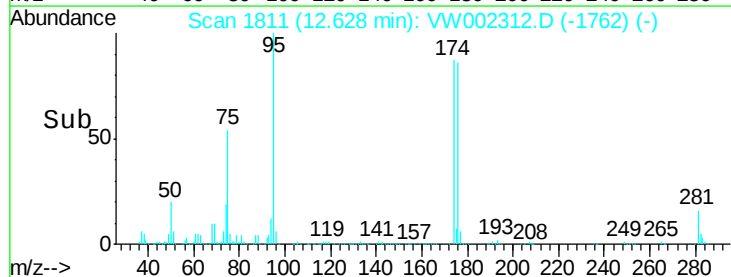
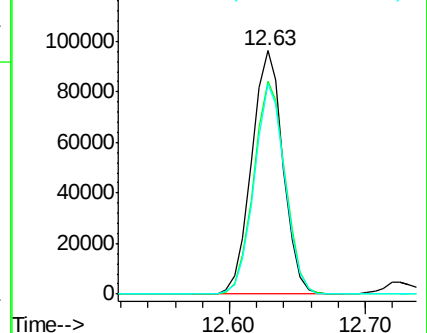
176 84.5 0.0 170.4

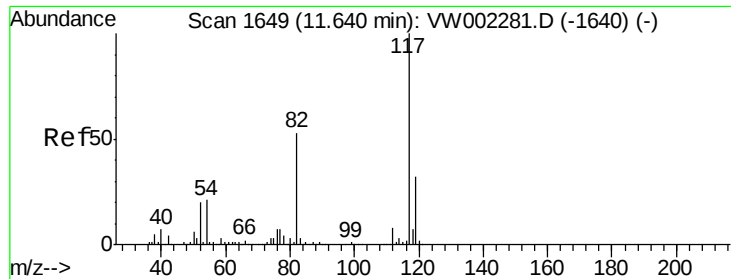


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

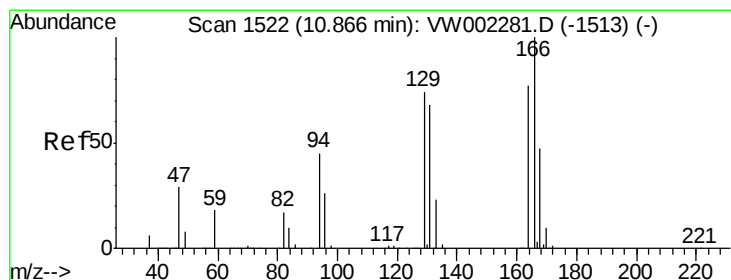
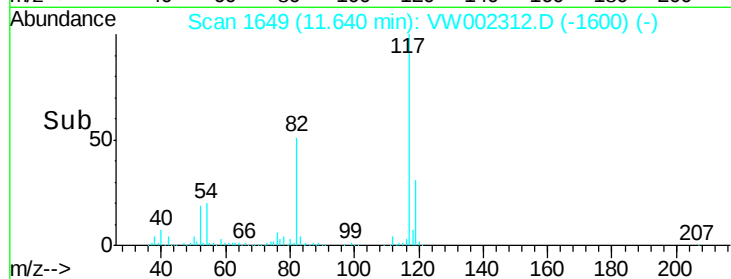
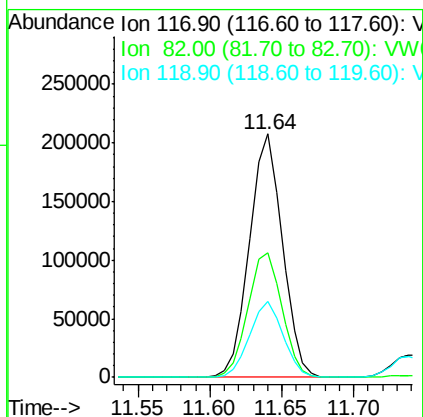
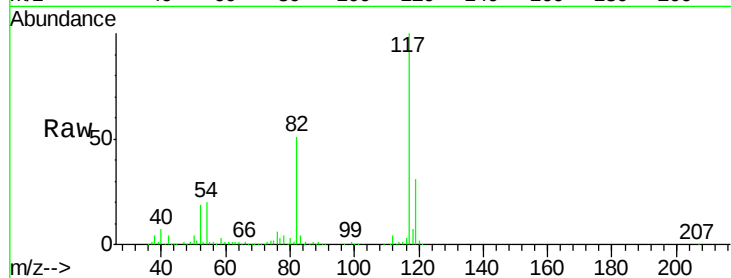




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

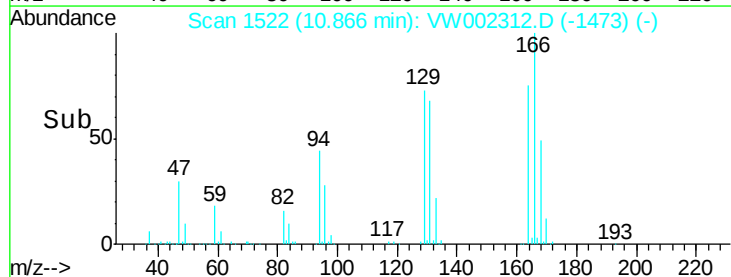
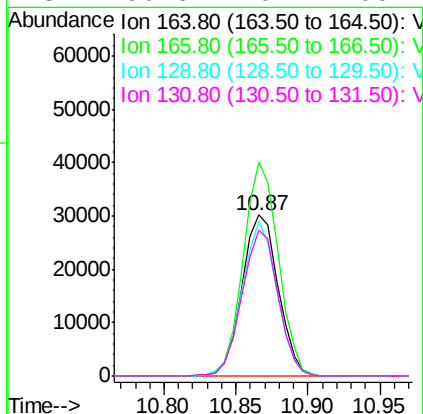
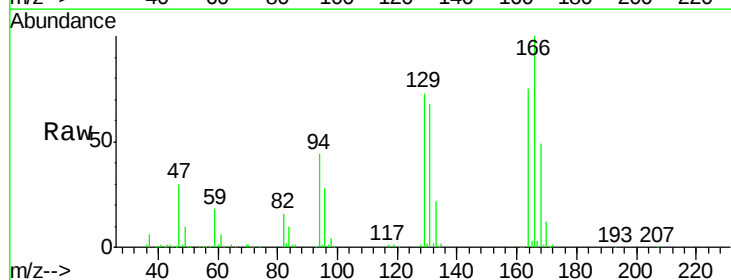
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBS02

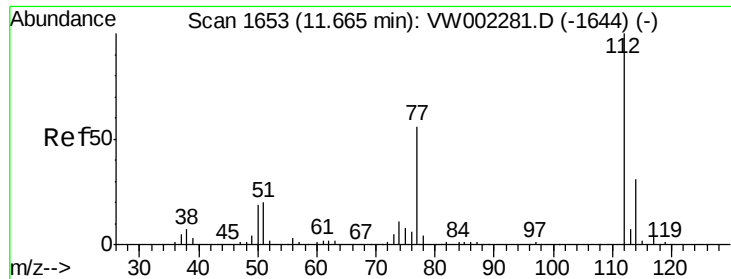
Tgt Ion:117 Resp: 328824
Ion Ratio Lower Upper
117 100
82 51.3 42.6 63.8
119 31.3 25.2 37.8



#64
Tetrachloroethene
Concen: 20.76 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion:164 Resp: 52550
Ion Ratio Lower Upper
164 100
166 132.6 103.3 154.9
129 96.4 76.6 114.8
131 90.6 70.7 106.1





#65

Chlorobenzene

Concen: 20.68 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

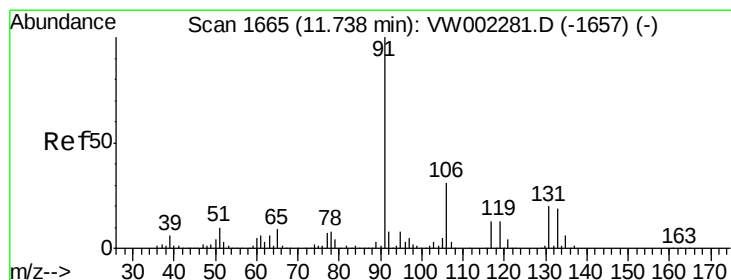
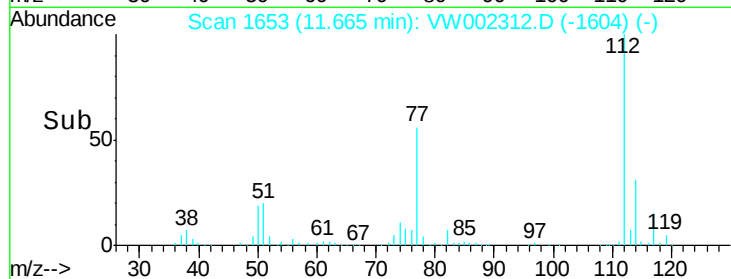
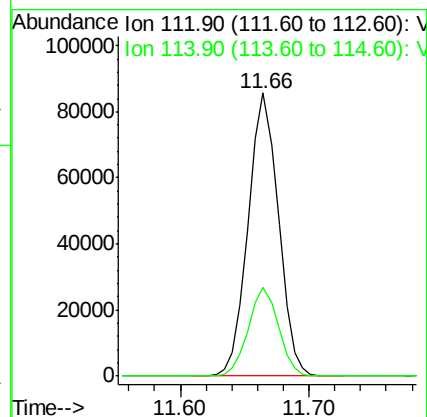
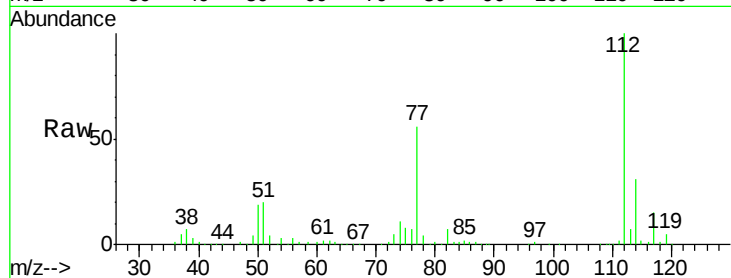
VW0508SBS02

Tgt Ion:112 Resp: 138982

Ion Ratio Lower Upper

112 100

114 31.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.98 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

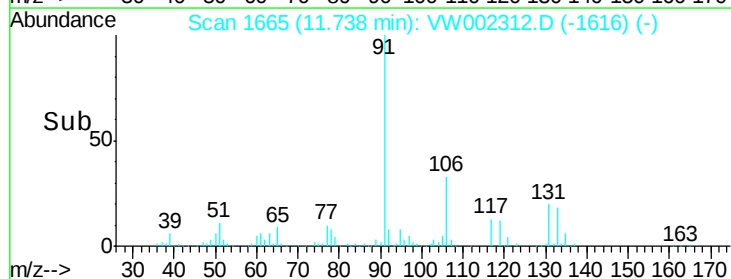
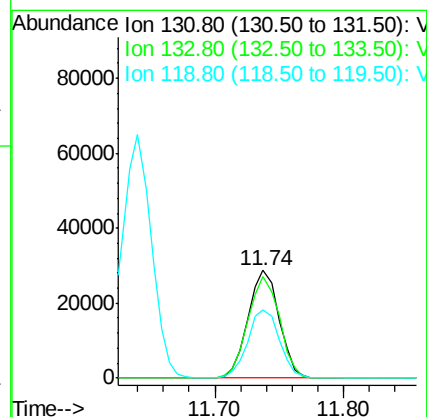
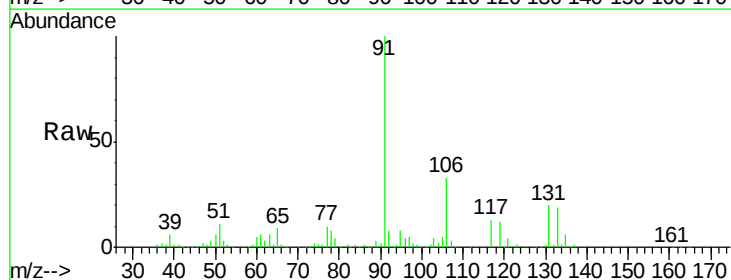
Tgt Ion:131 Resp: 47843

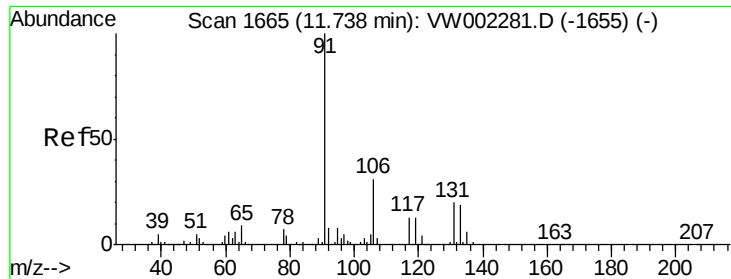
Ion Ratio Lower Upper

131 100

133 95.8 47.8 143.3

119 64.7 32.0 96.0

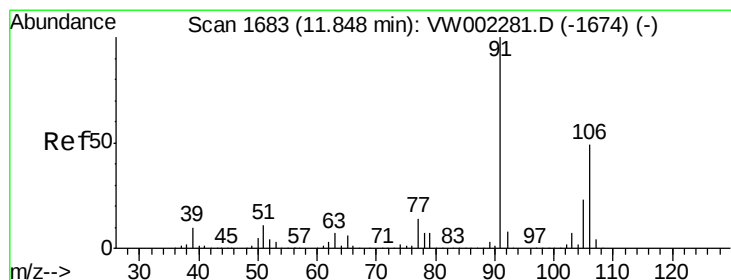
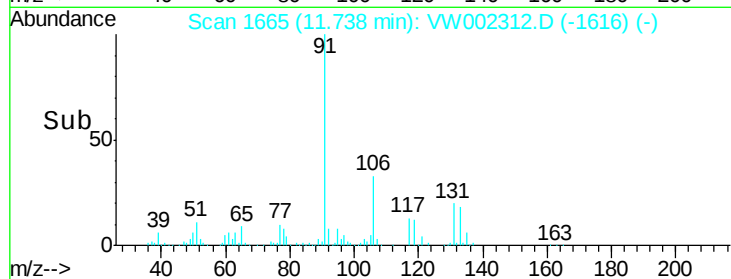
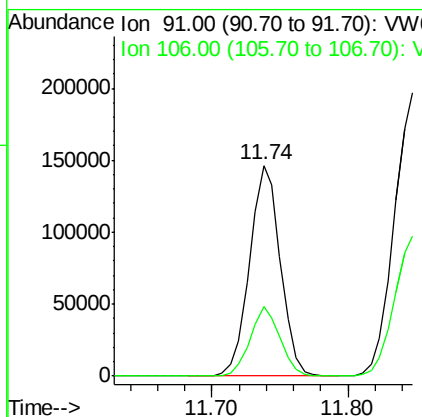
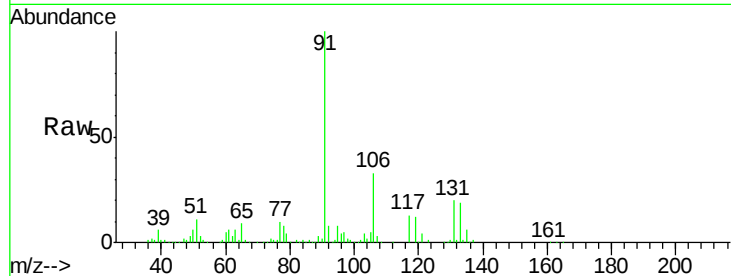




#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

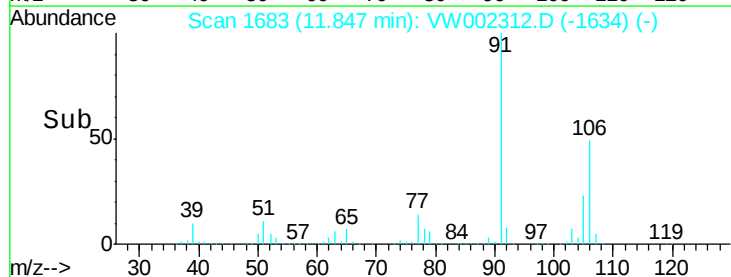
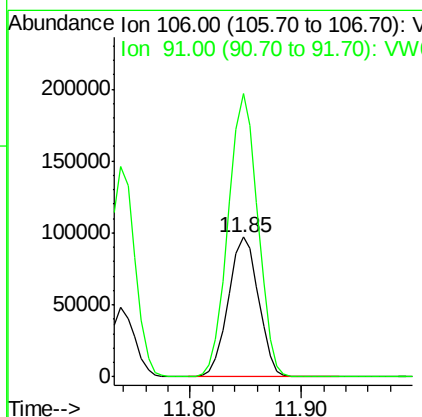
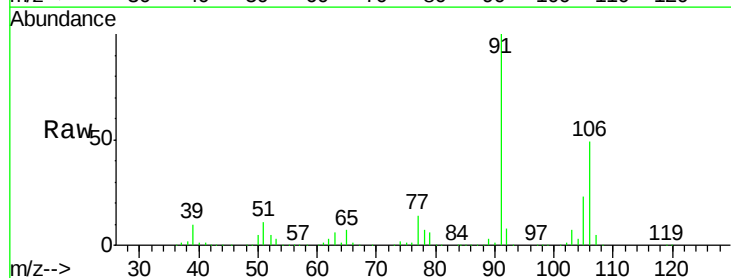
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

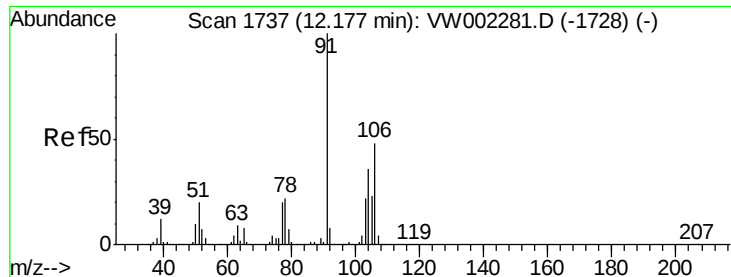
Tgt Ion: 91 Resp: 231827
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3



#68
m/p-Xylenes
Concen: 40.99 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion: 106 Resp: 182644
Ion Ratio Lower Upper
106 100
91 198.8 161.4 242.0

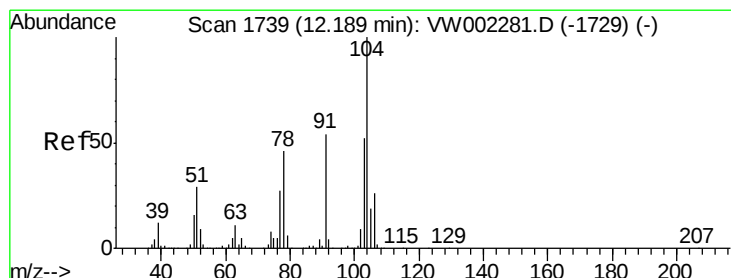
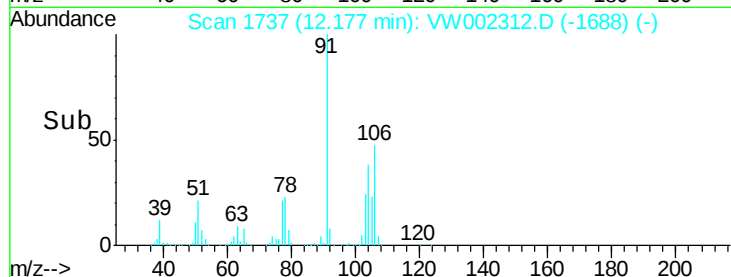
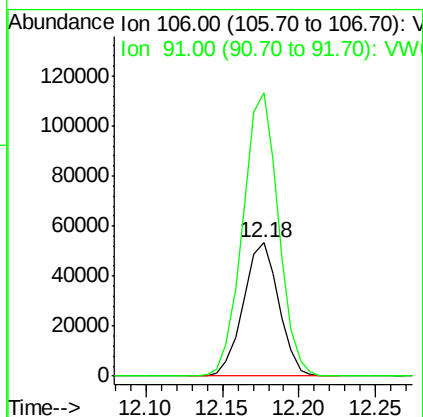
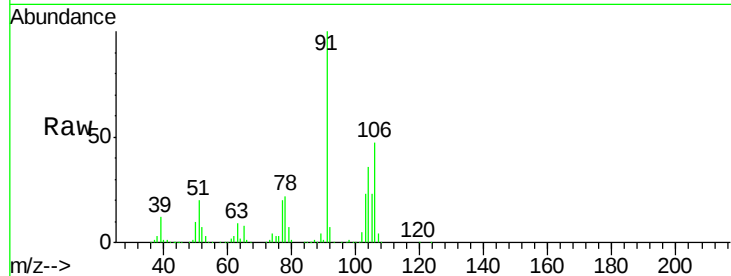




#69
o-Xylene
Concen: 20.28 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

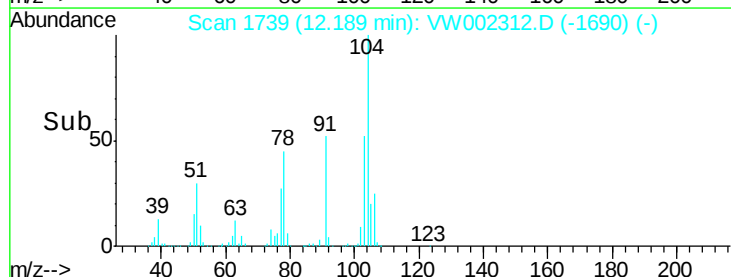
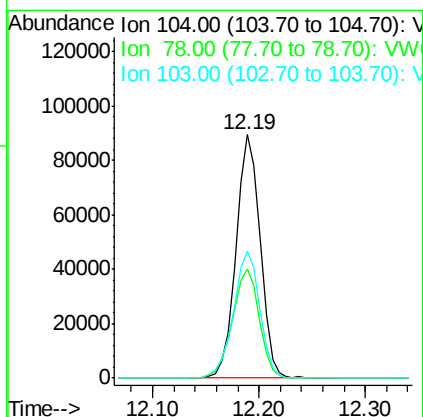
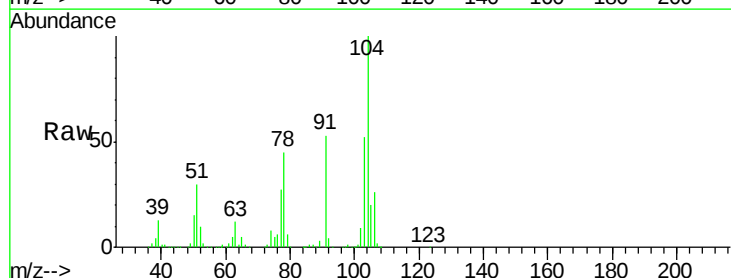
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

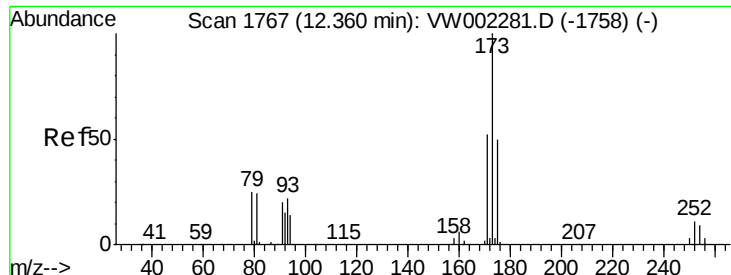
Tgt Ion:106 Resp: 85952
Ion Ratio Lower Upper
106 100
91 212.8 107.1 321.1



#70
Styrene
Concen: 20.28 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion:104 Resp: 142721
Ion Ratio Lower Upper
104 100
78 49.8 39.6 59.4
103 56.6 44.4 66.6





#71

Bromoform

Concen: 19.99 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBSD02

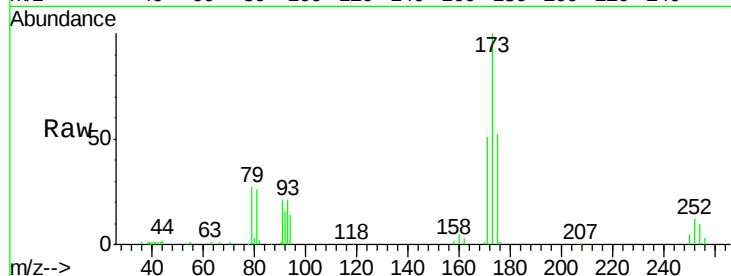
Tgt Ion:173 Resp: 27445

Ion Ratio Lower Upper

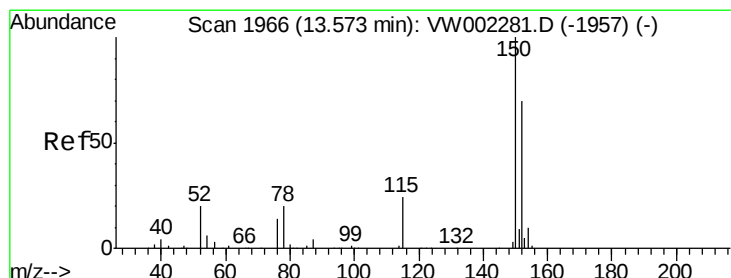
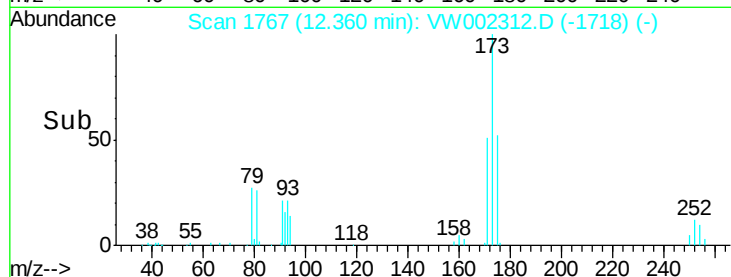
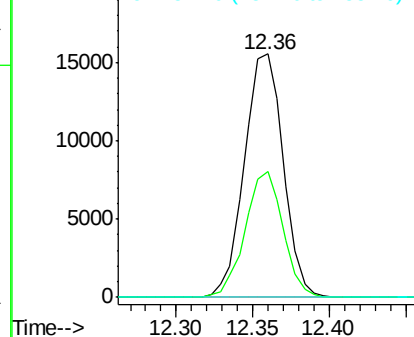
173 100

175 50.2 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.01 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

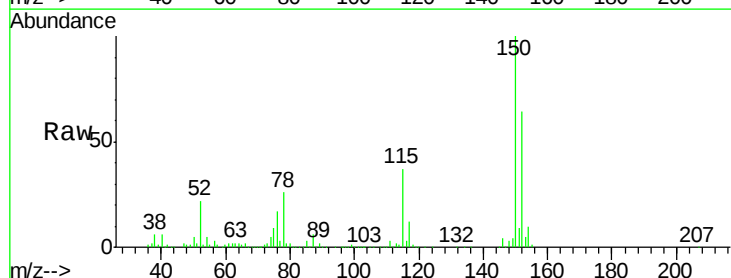
Tgt Ion:152 Resp: 176720

Ion Ratio Lower Upper

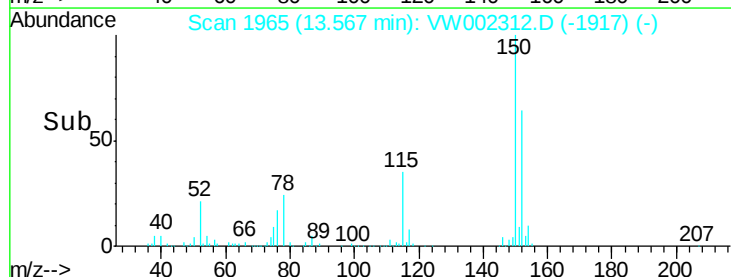
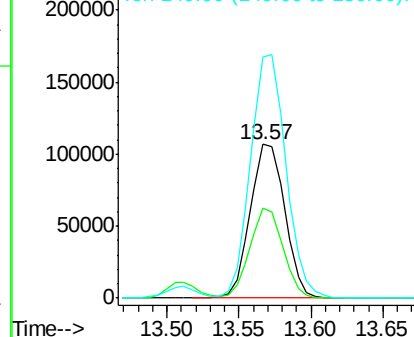
152 100

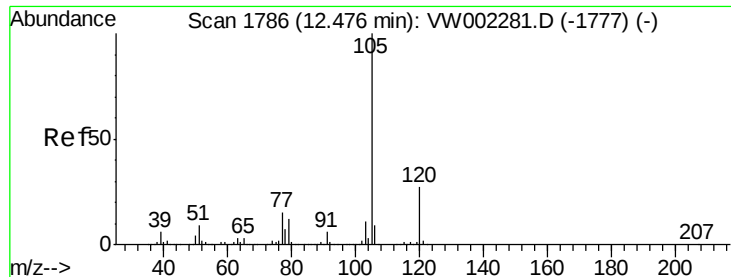
115 56.3 28.5 85.5

150 162.8 0.0 342.6



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





#73

Isopropylbenzene

Concen: 20.50 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

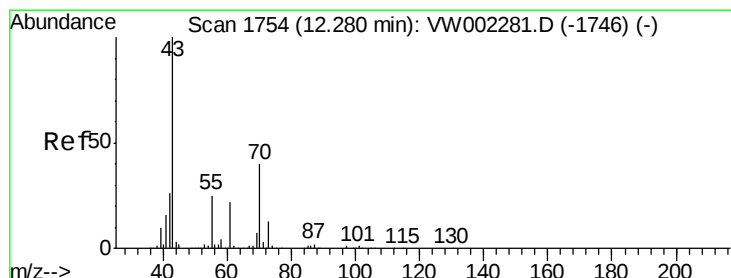
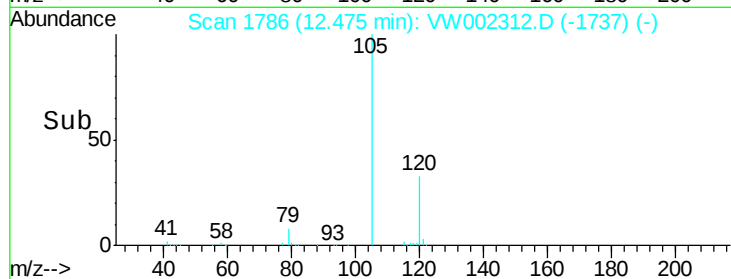
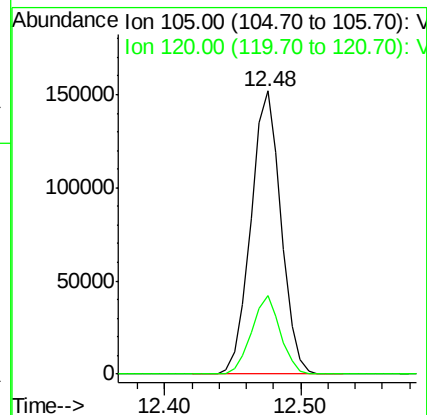
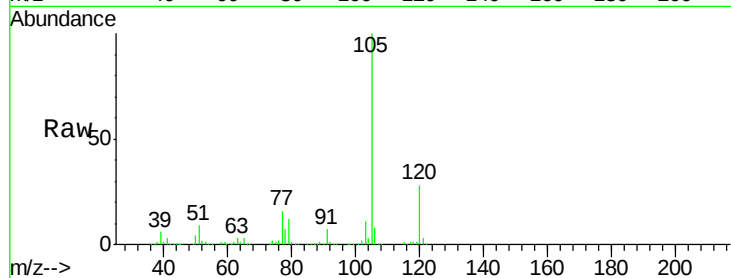
VW0508SBSD02

Tgt Ion: 105 Resp: 235356

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 20.28 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Tgt Ion: 43 Resp: 58270

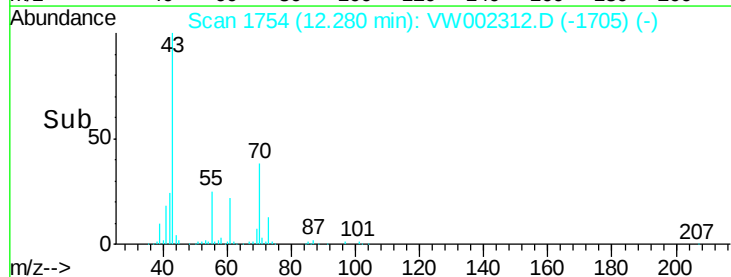
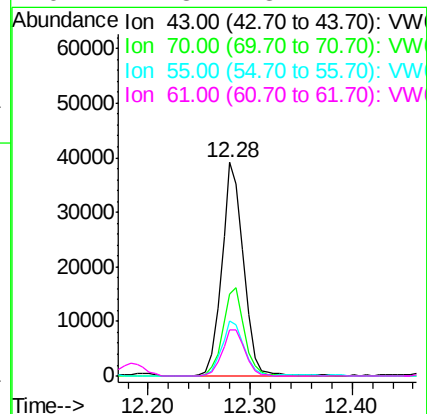
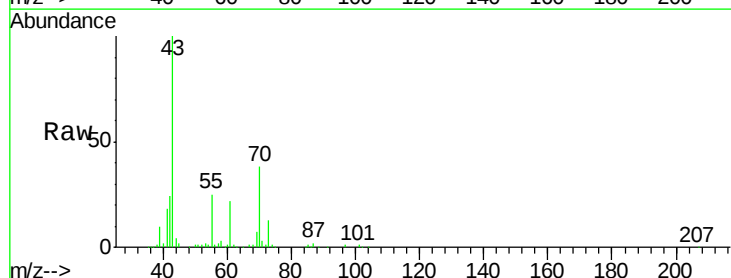
Ion Ratio Lower Upper

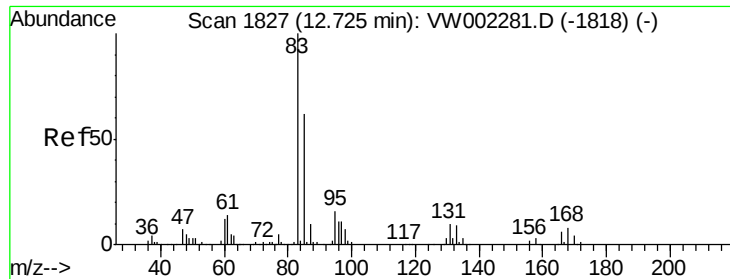
43 100

70 41.1 31.9 47.9

55 26.2 19.9 29.9

61 22.8 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.67 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBSD02

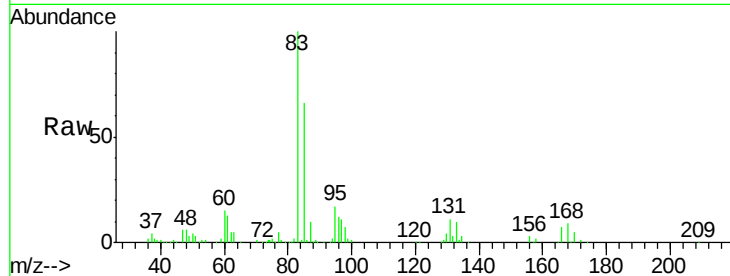
Tgt Ion: 83 Resp: 45864

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

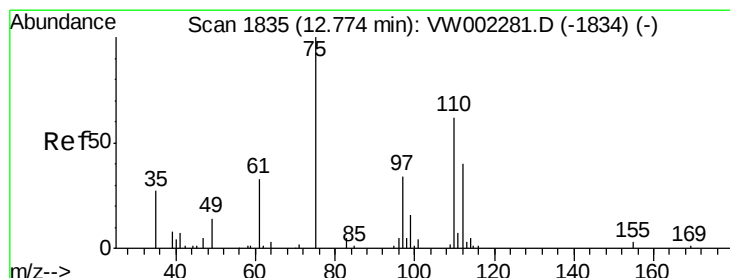
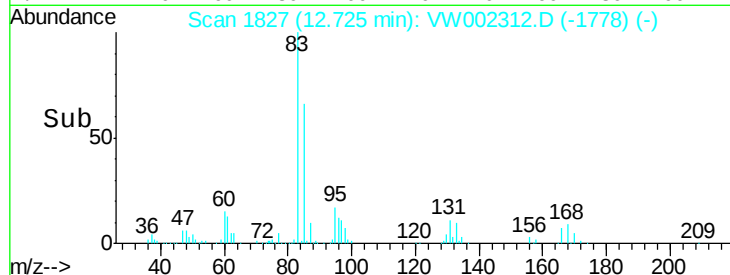
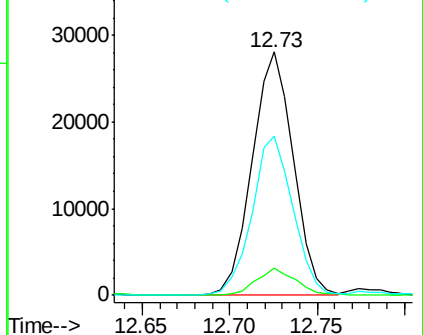
85 64.9 31.5 94.5



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: 37.04 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002312.D

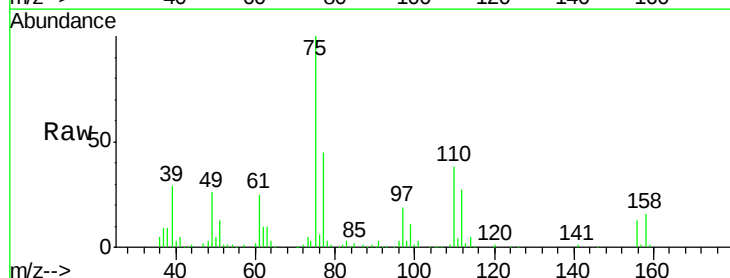
Acq: 09 May 2018 00:24

Tgt Ion: 75 Resp: 58047

Ion Ratio Lower Upper

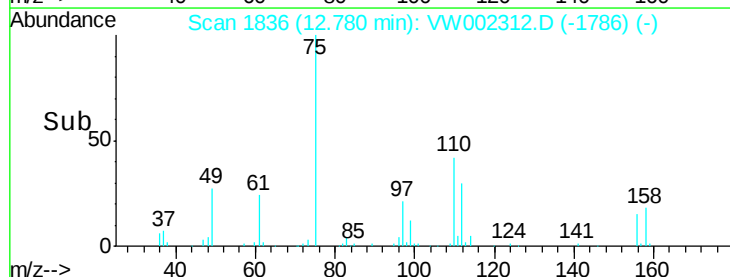
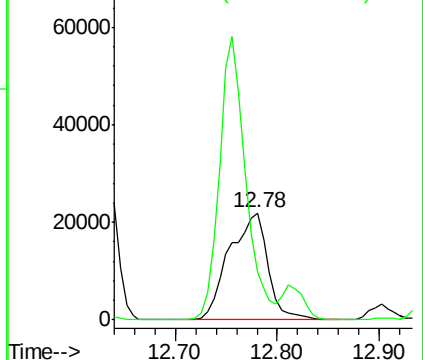
75 100

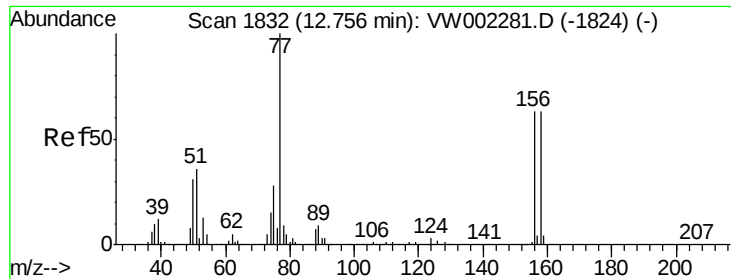
77 0.0 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.96 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBSD02

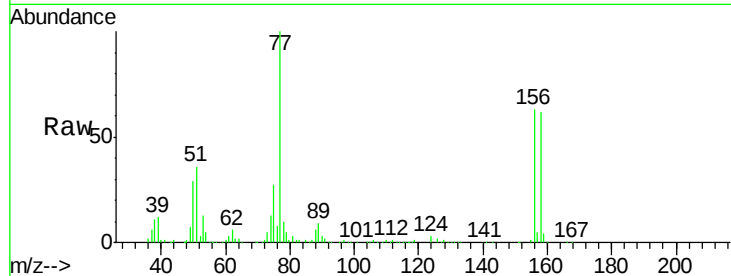
Tgt Ion:156 Resp: 60655

Ion Ratio Lower Upper

156 100

77 172.2 87.7 263.1

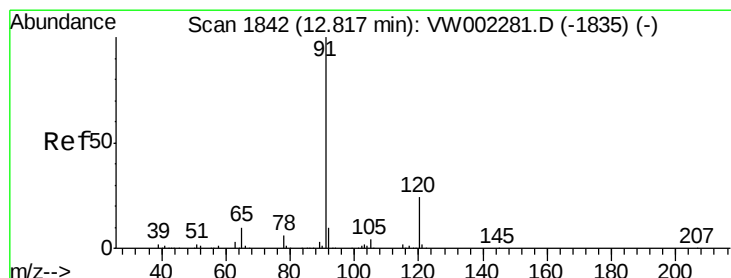
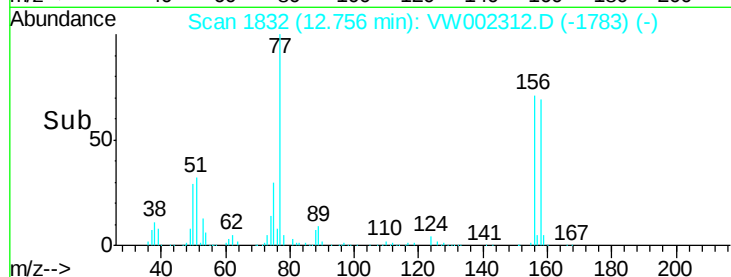
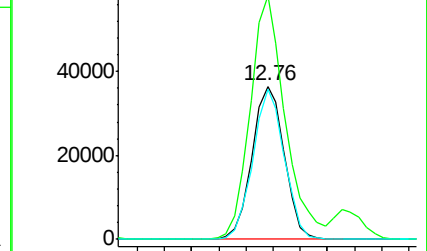
158 95.9 48.6 145.8



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: 20.81 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002312.D

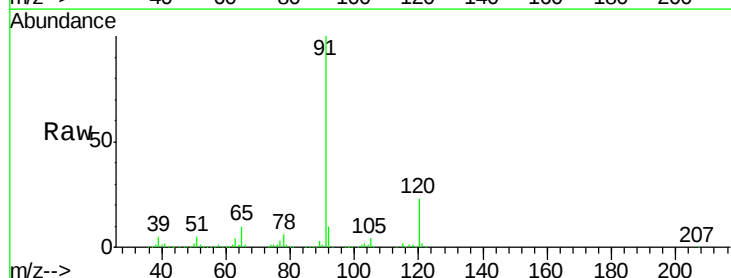
Acq: 09 May 2018 00:24

Tgt Ion: 91 Resp: 283172

Ion Ratio Lower Upper

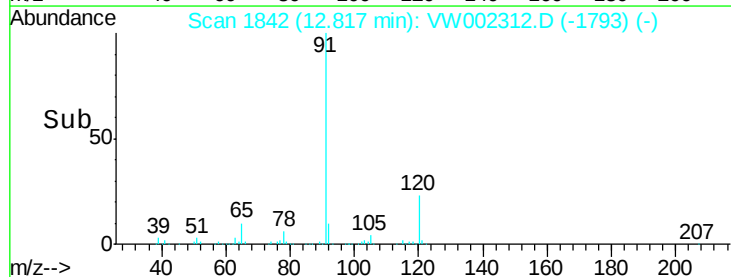
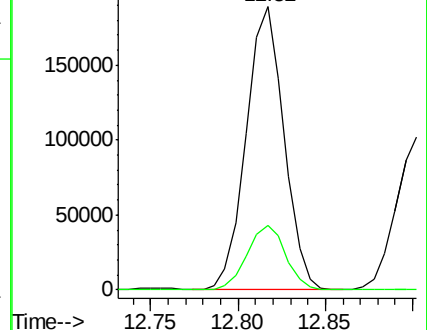
91 100

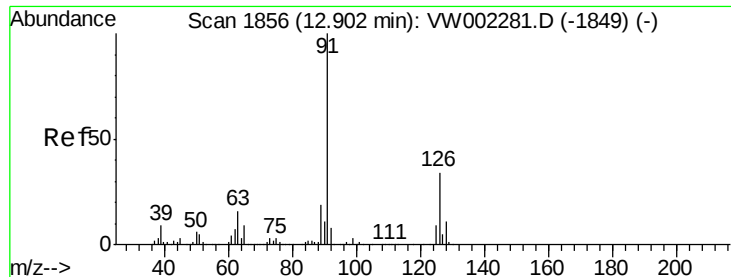
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

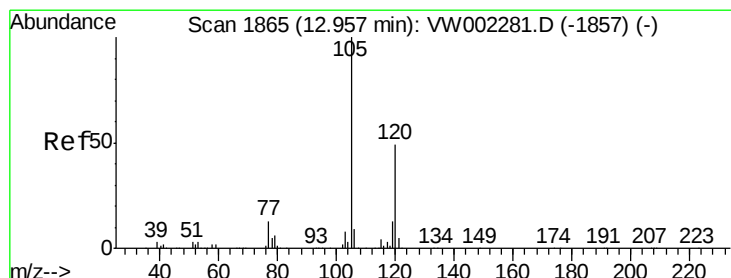
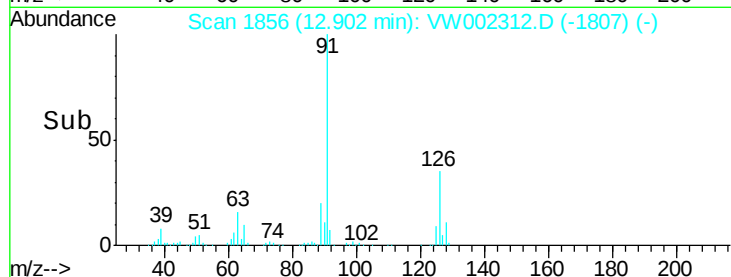
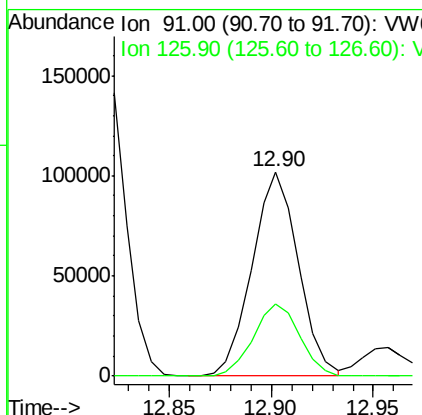
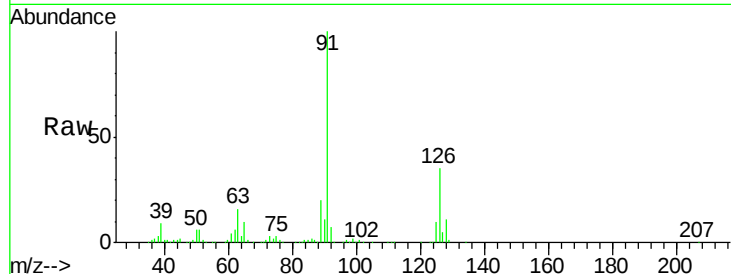




#79
 2-Chlorotoluene
 Concen: 20.41 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

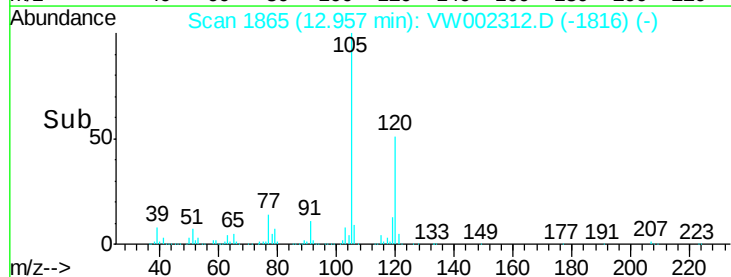
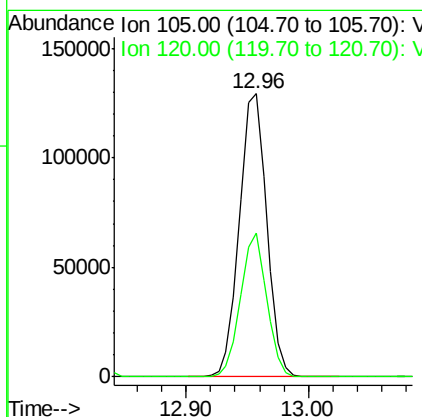
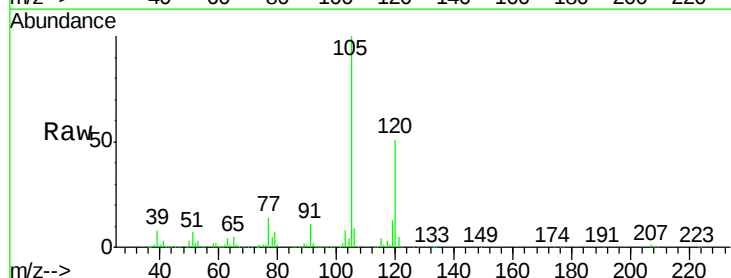
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

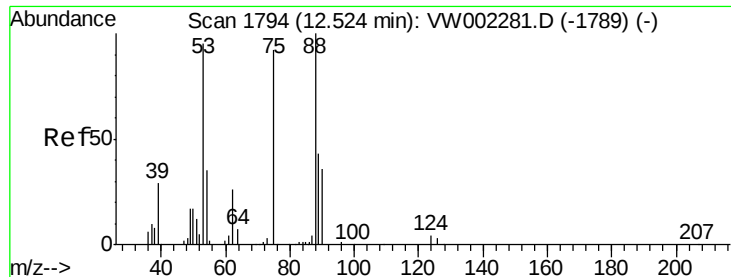
Tgt Ion: 91 Resp: 159960
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.71 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 105 Resp: 199969
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.67 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBSD02

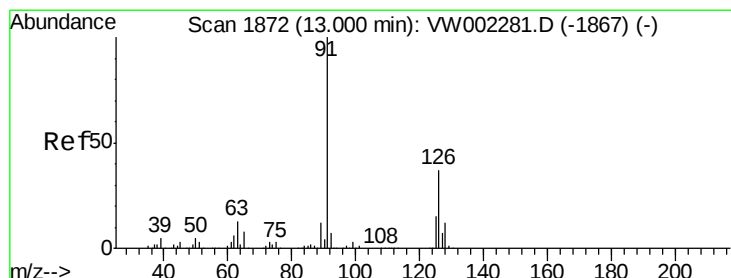
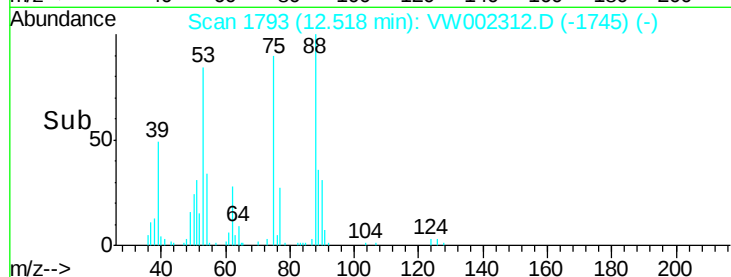
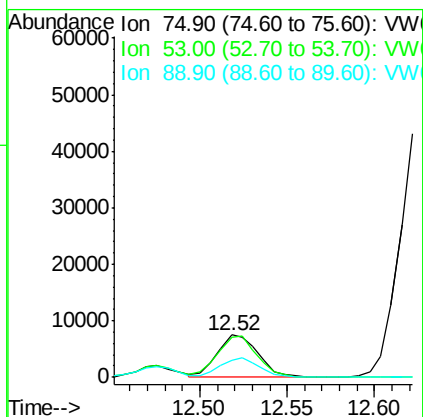
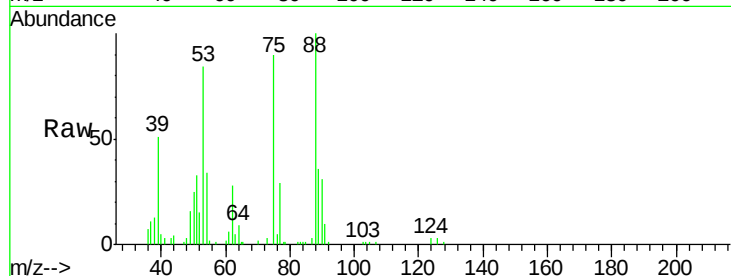
Tgt Ion: 75 Resp: 12300

Ion Ratio Lower Upper

75 100

53 95.9 79.9 119.9

89 44.0 37.6 56.4



#82

4-Chlorotoluene

Concen: 20.82 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002312.D

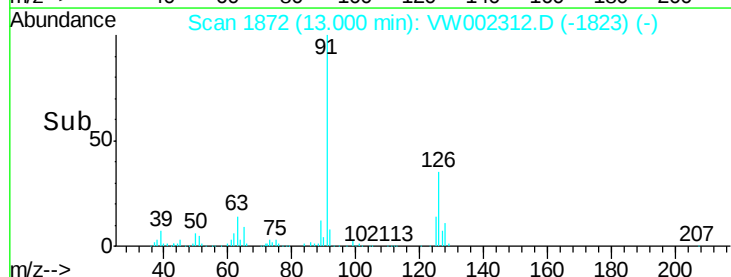
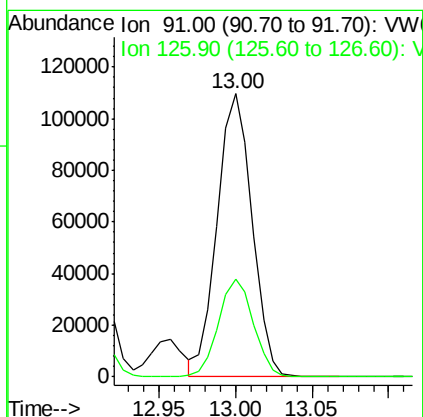
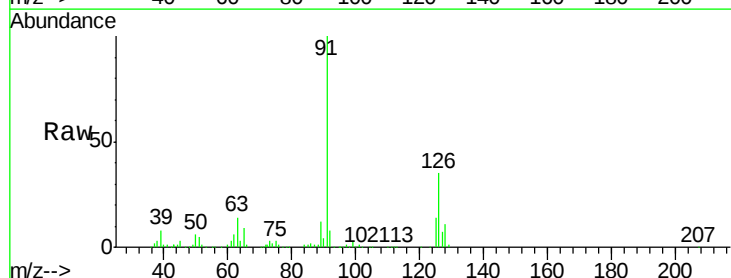
Acq: 09 May 2018 00:24

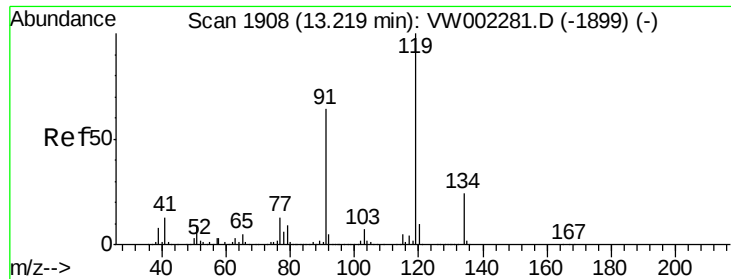
Tgt Ion: 91 Resp: 173504

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.3

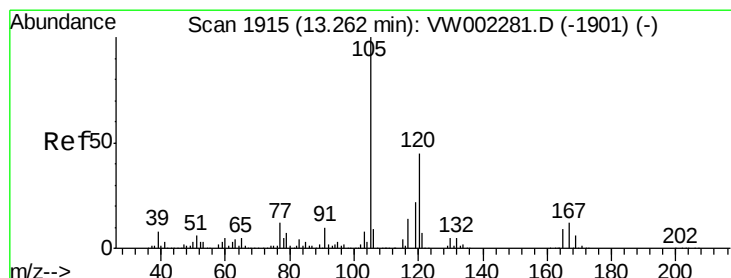
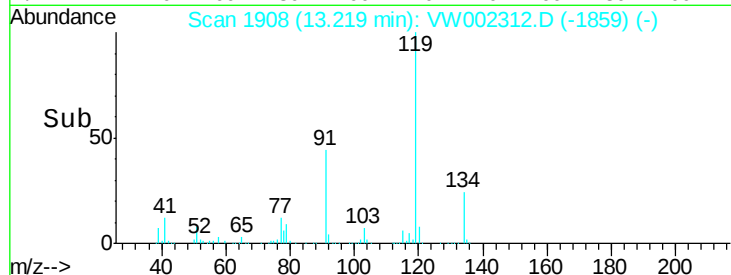
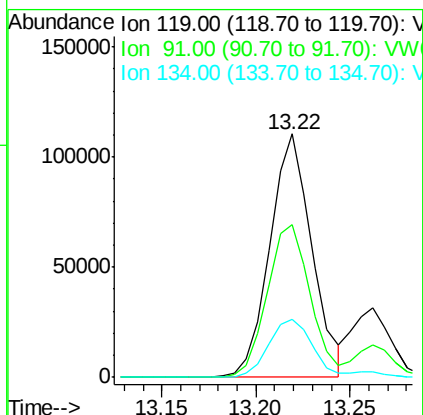
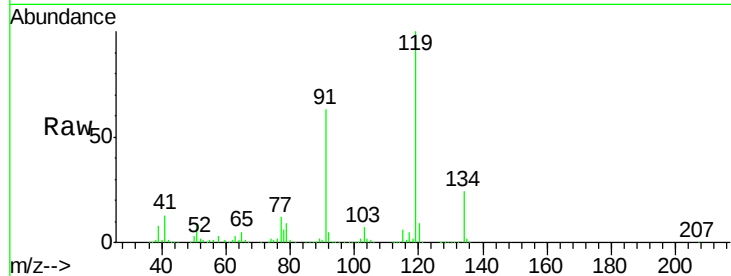




#83
 tert-Butylbenzene
 Concen: 20.55 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

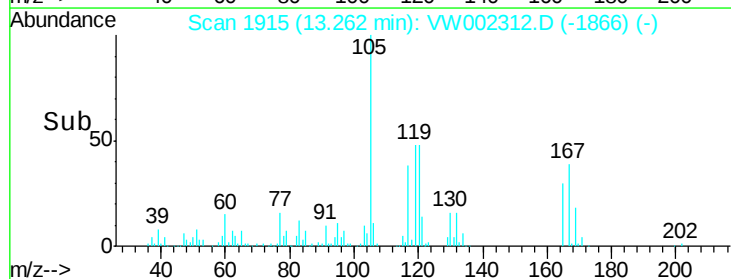
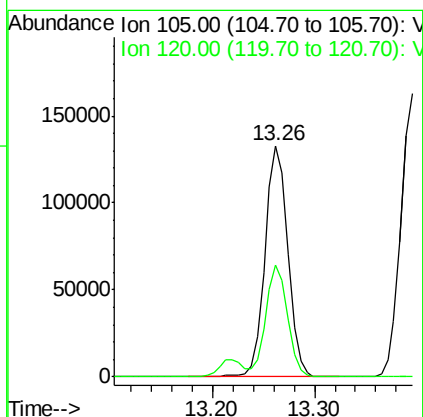
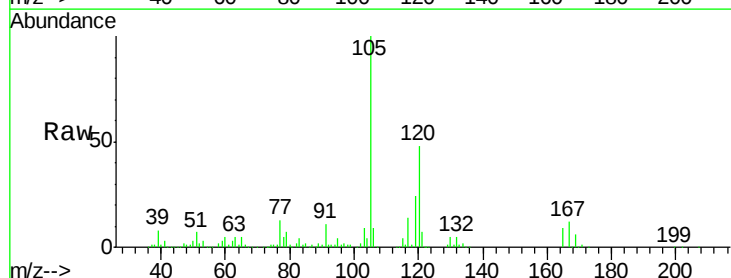
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

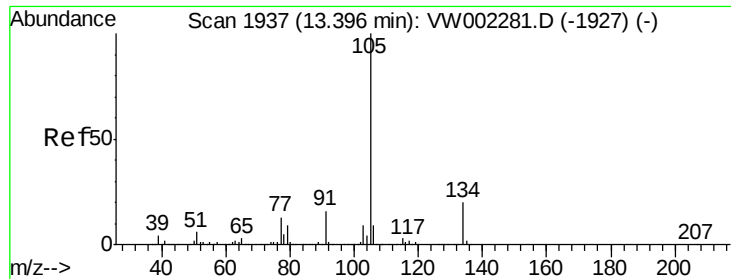
Tgt Ion:119 Resp: 170879
 Ion Ratio Lower Upper
 119 100
 91 64.1 31.6 94.8
 134 24.9 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.65 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion:105 Resp: 206751
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.5 67.5

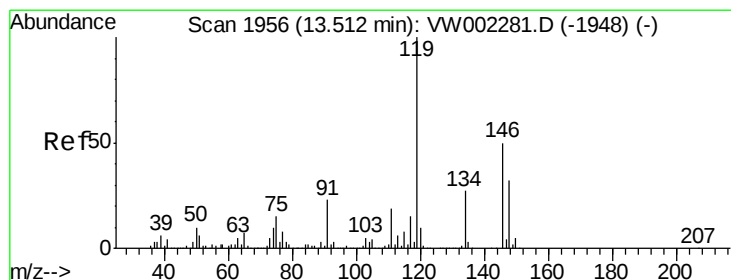
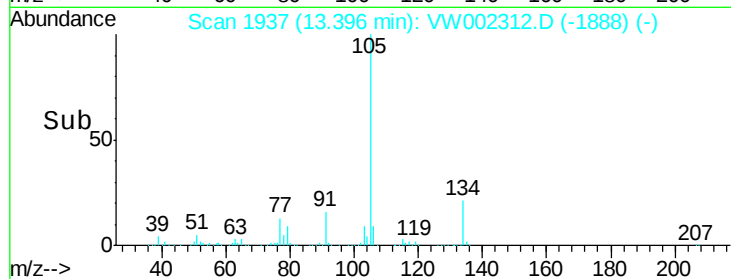
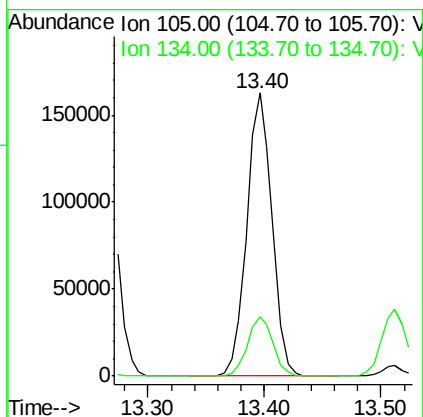
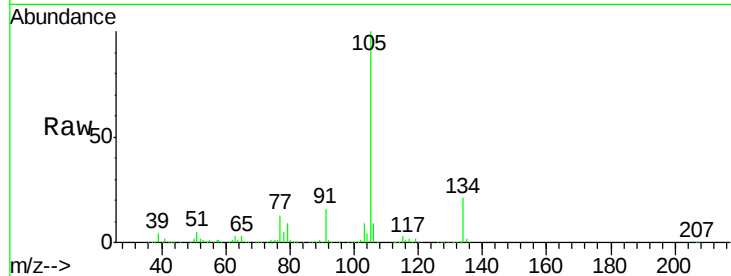




#85
 sec-Butylbenzene
 Concen: 20.63 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

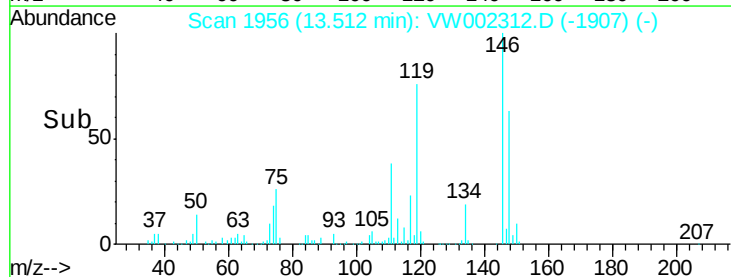
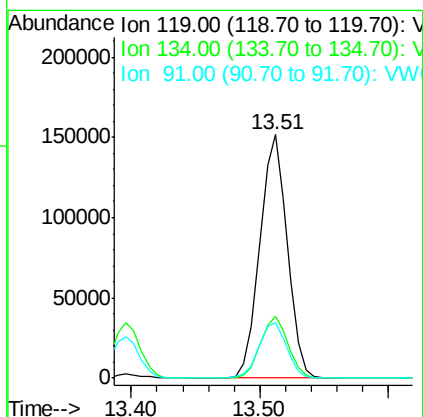
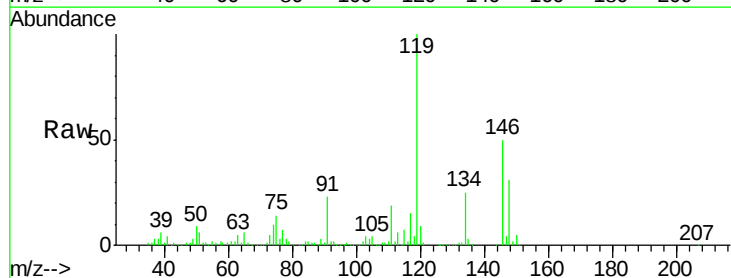
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

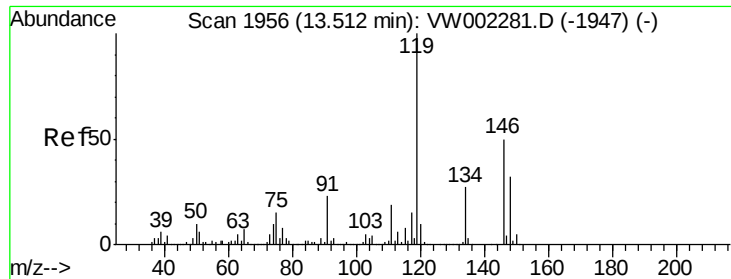
Tgt Ion:105 Resp: 244831
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.91 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion:119 Resp: 221891
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.9
 91 23.2 11.8 35.3

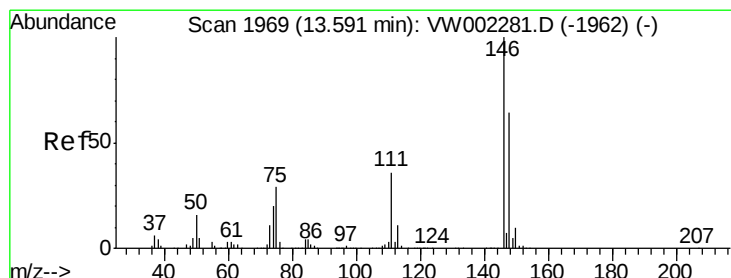
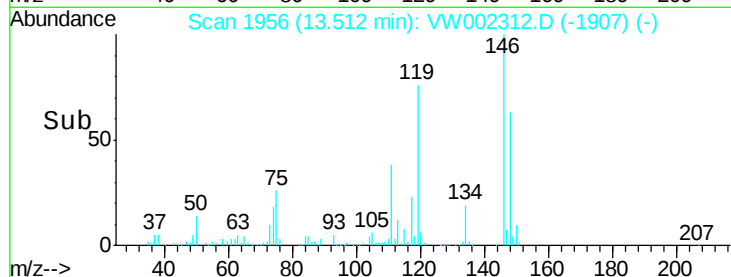
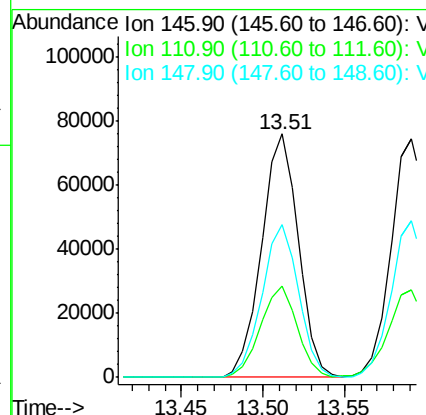
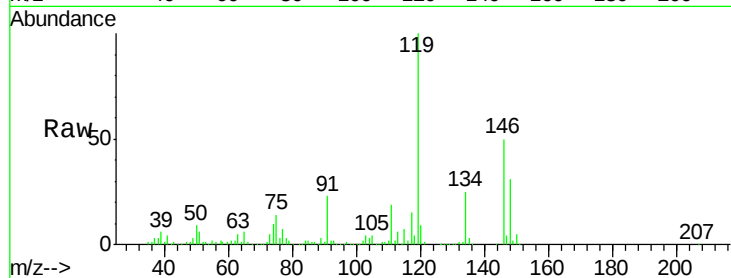




#87
 1,3-Dichlorobenzene
 Concen: 20.83 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

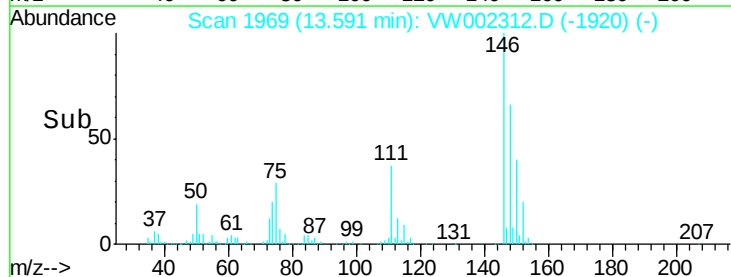
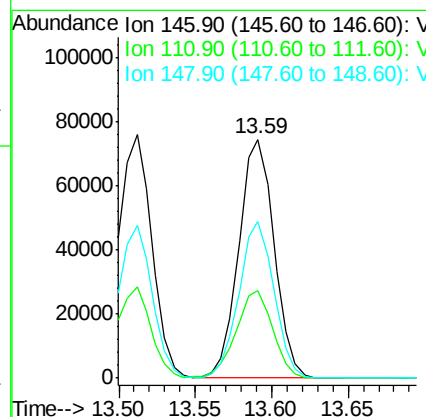
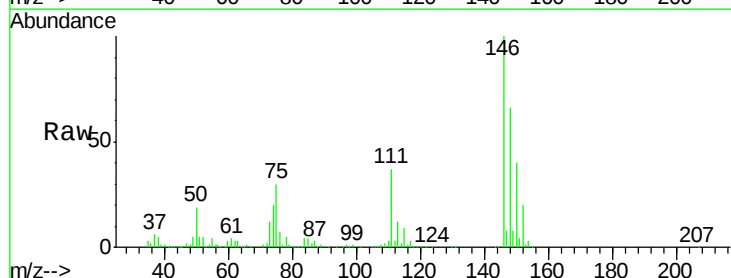
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

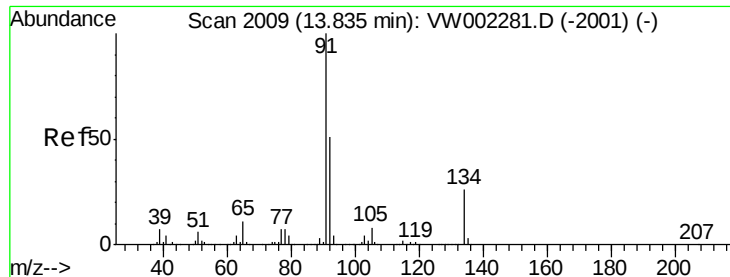
Tgt Ion:146 Resp: 119308
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 62.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.96 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion:146 Resp: 119867
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 65.0 32.3 96.9





#89

n-Butylbenzene

Concen: 21.04 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBS02

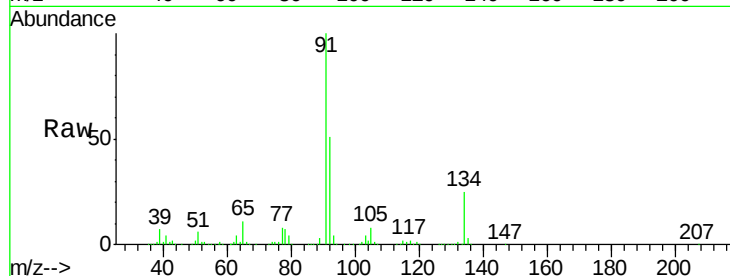
Tgt Ion: 91 Resp: 208991

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

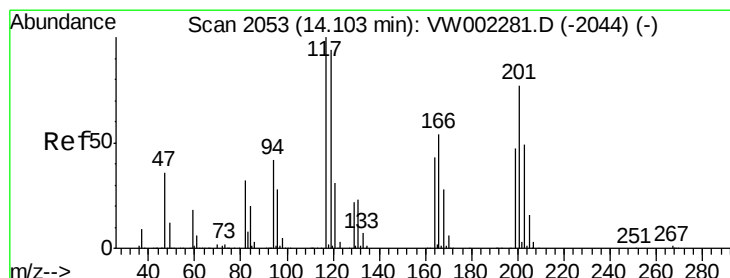
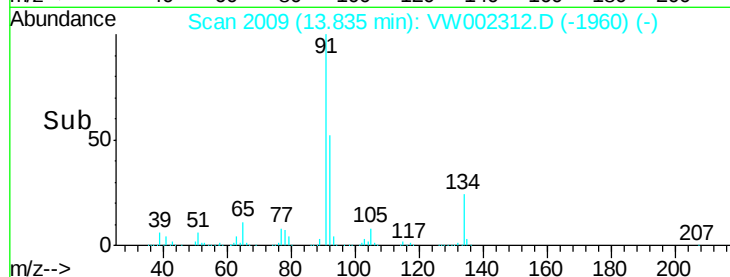
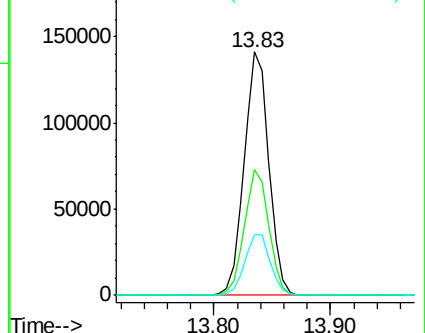
134 25.9 13.1 39.1



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: 20.67 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW002312.D

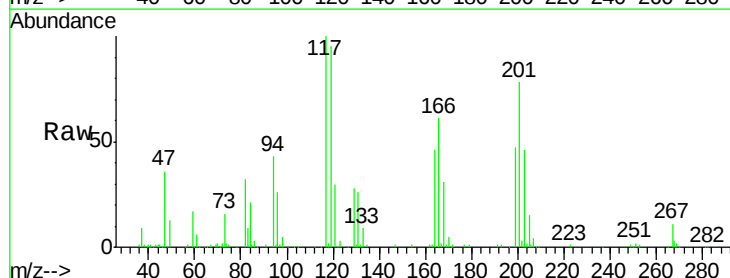
Acq: 09 May 2018 00:24

Tgt Ion: 117 Resp: 39235

Ion Ratio Lower Upper

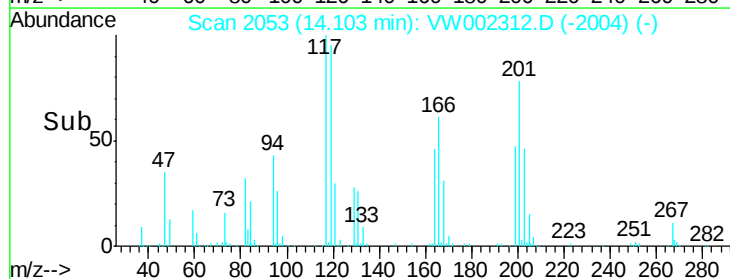
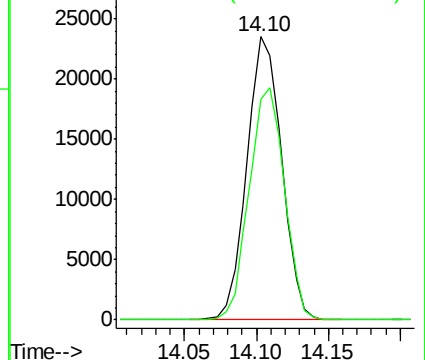
117 100

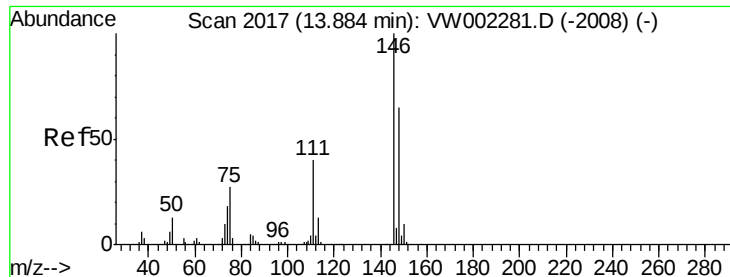
201 83.0 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

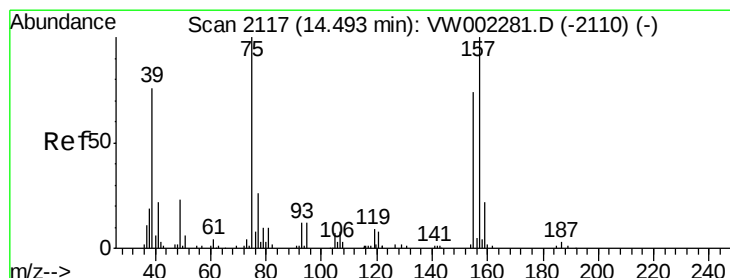
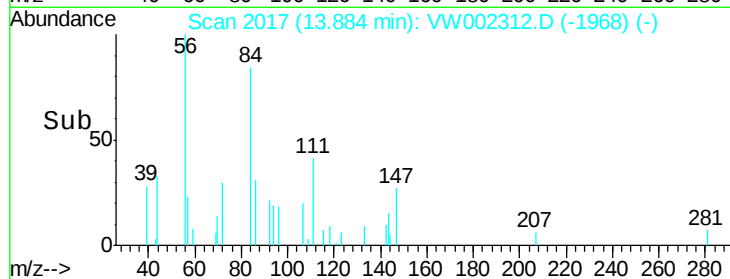
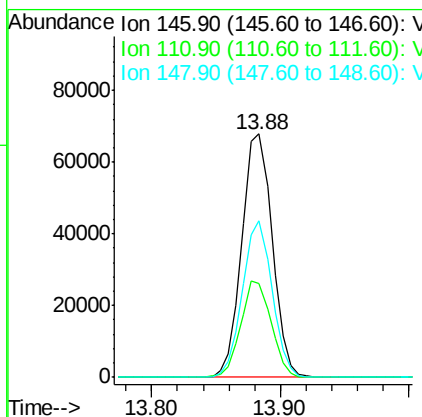
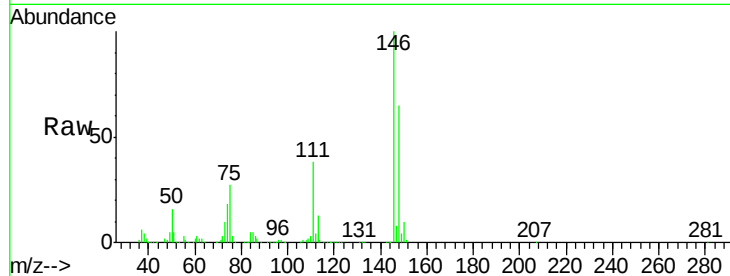




#91
 1,2-Dichlorobenzene
 Concen: 21.35 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

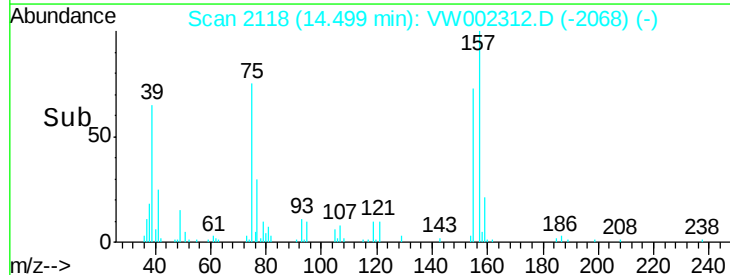
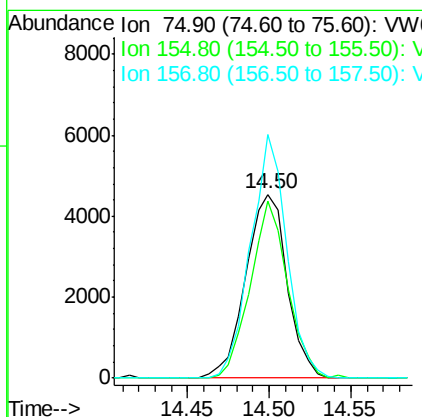
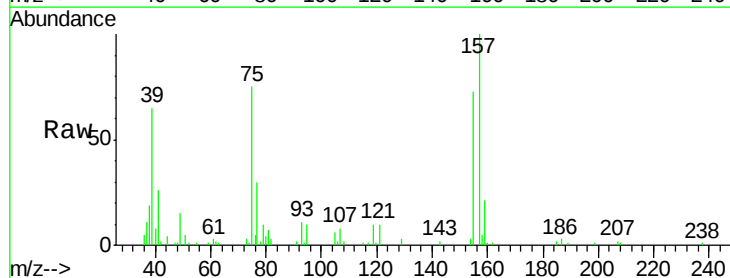
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

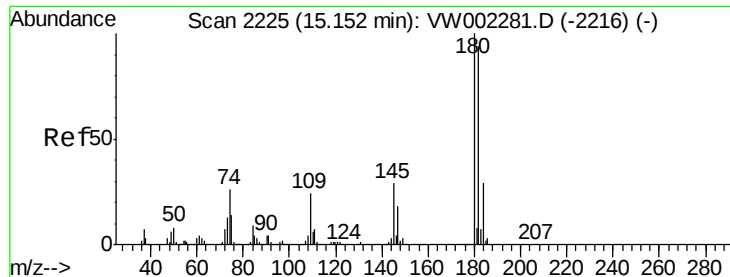
Tgt Ion:146 Resp: 110937
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 62.7 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.78 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion: 75 Resp: 7970
 Ion Ratio Lower Upper
 75 100
 155 87.2 43.3 129.8
 157 116.0 55.8 167.4

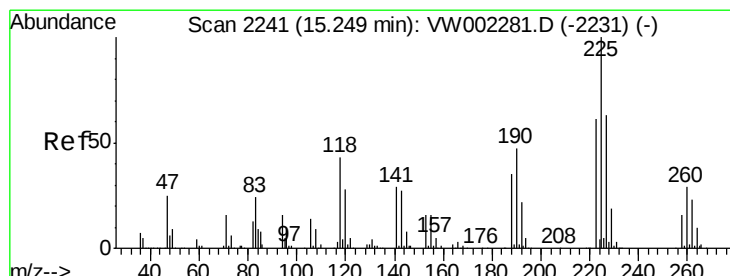
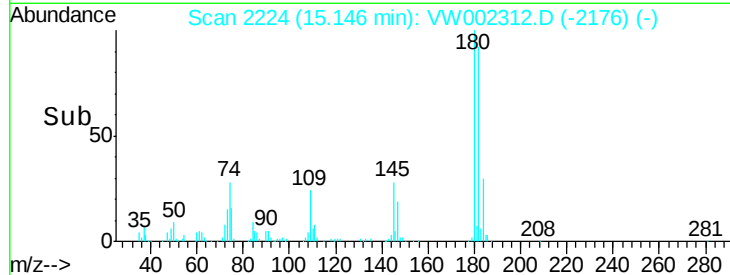
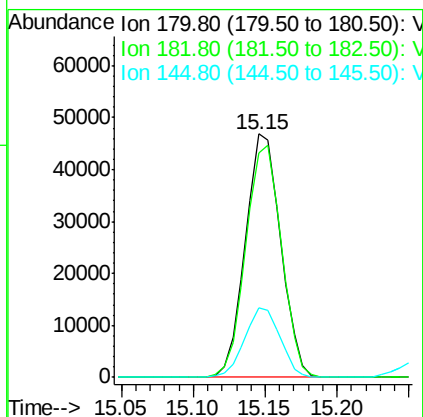
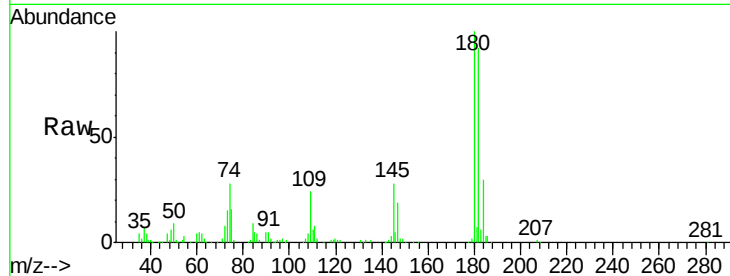




#93
 1,2,4-Trichlorobenzene
 Concen: 21.42 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

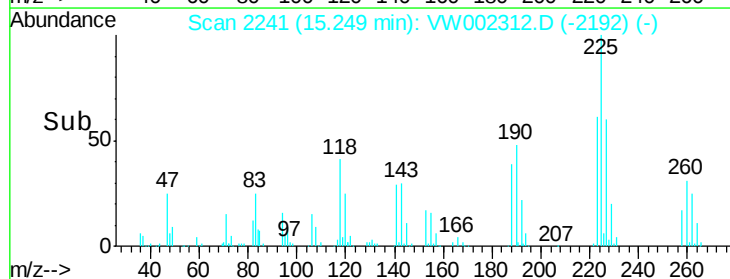
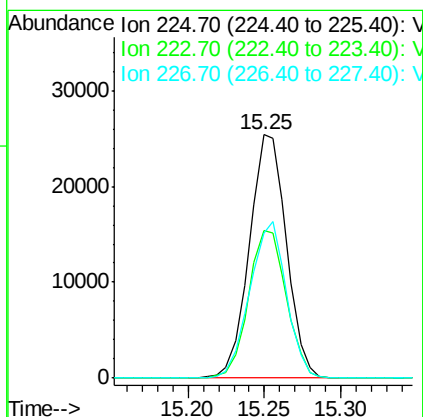
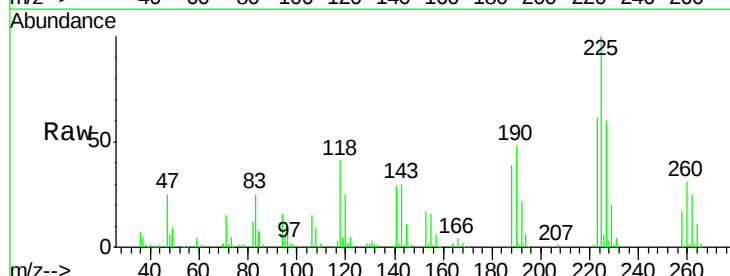
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

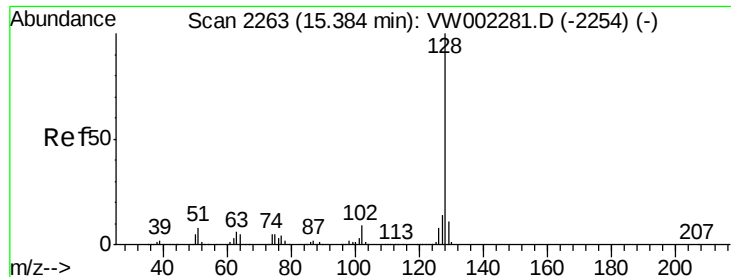
Tgt Ion:180 Resp: 79580
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 141.8
 145 28.7 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 20.69 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

Tgt Ion:225 Resp: 42811
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.7
 227 63.5 32.0 96.0

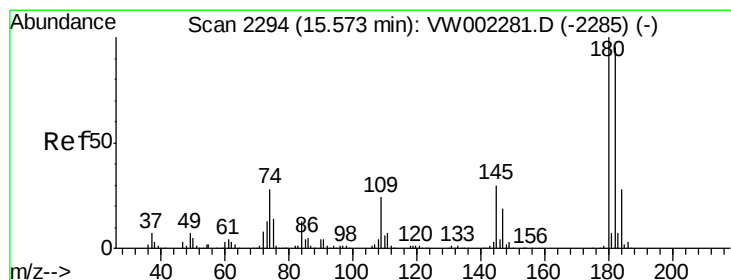
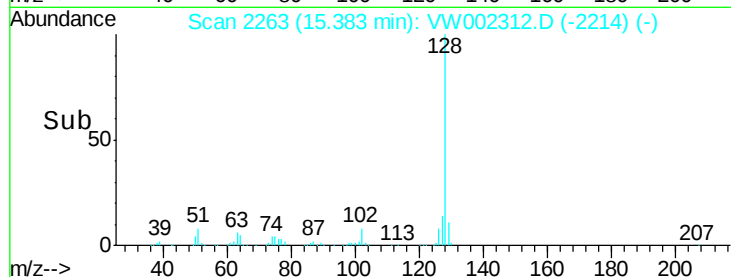
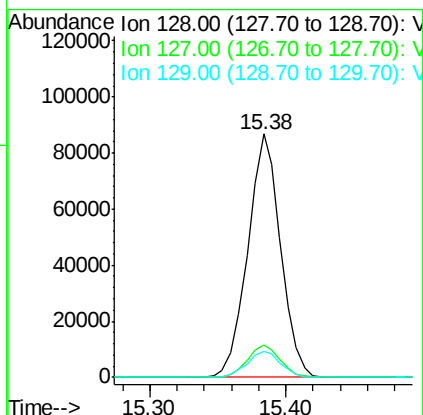
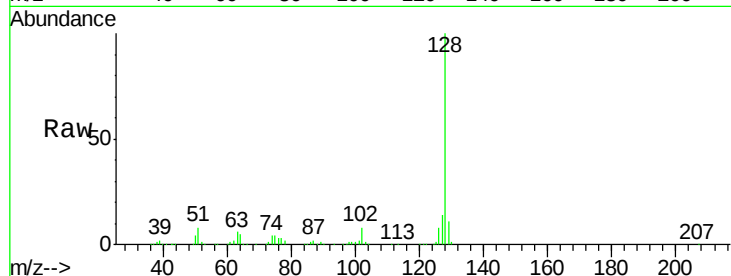




#95
Naphthalene
Concen: 21.42 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

Tgt Ion:128 Resp: 146266
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.57 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Tgt Ion:180 Resp: 71865
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 30.8 15.7 47.0

