

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 08:42:03 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	119831	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	7.88	113	109983	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	10.33	98	426527	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.63	95	155878	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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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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	34097m	21.76	ug/l	
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

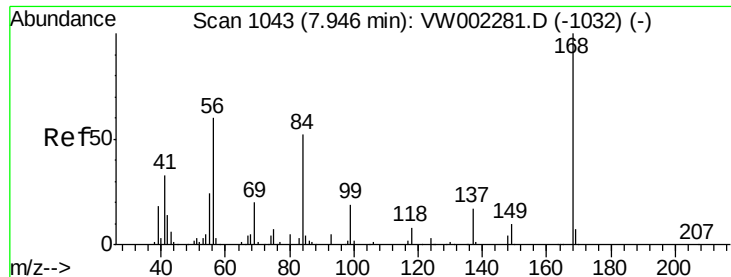
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Response via : Initial Calibration

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 :

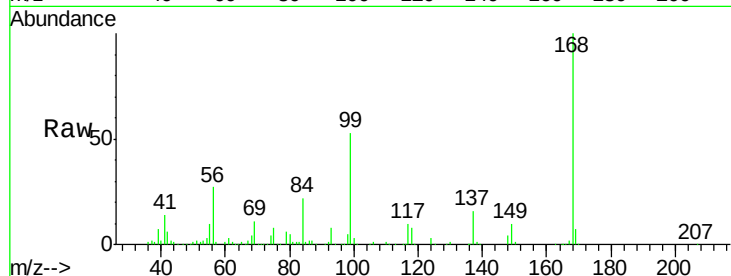
VW0508SBSD02

Tot 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

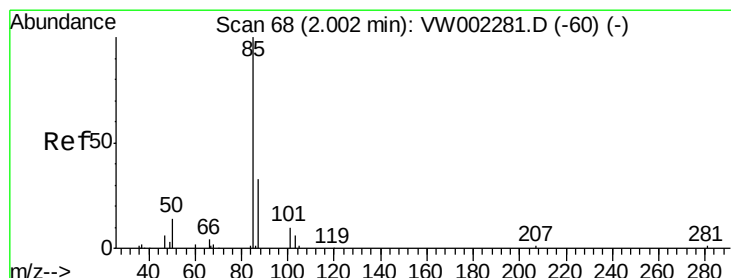
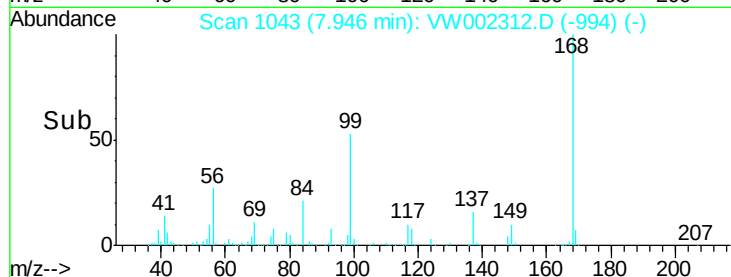
60000

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

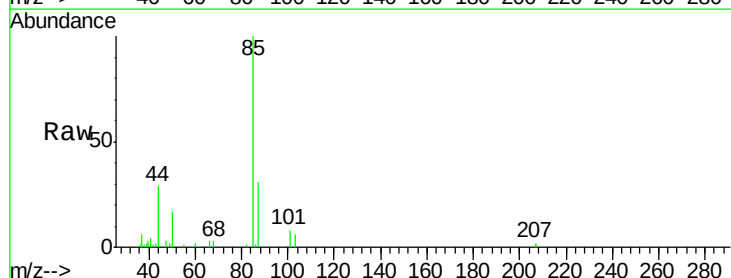
Acq: 09 May 2018 00:24

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

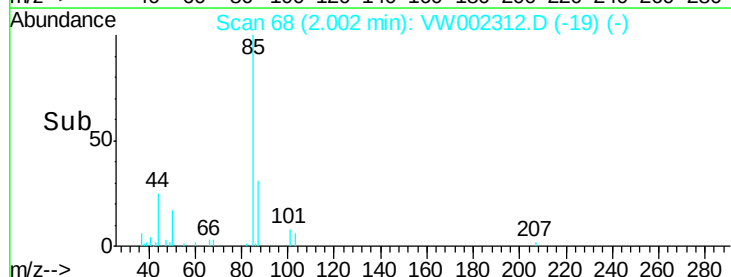
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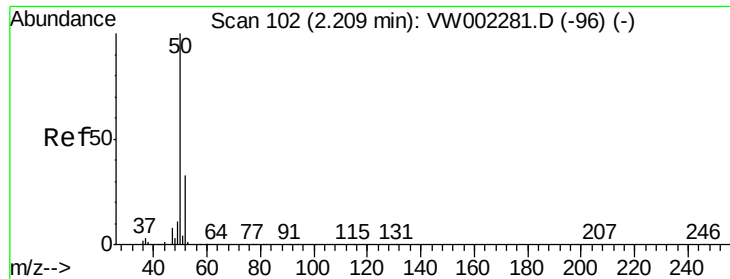
2000

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 :

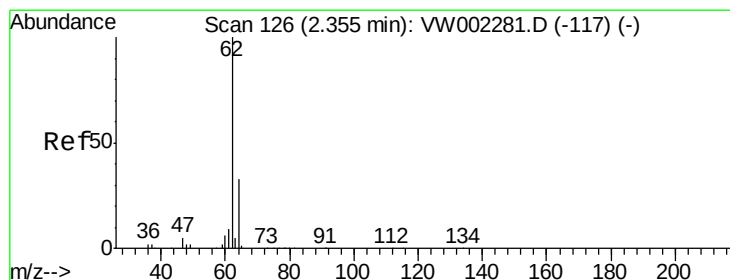
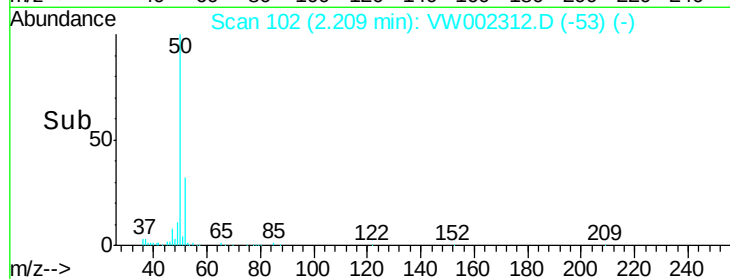
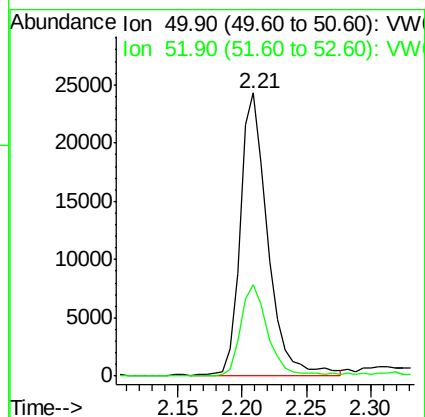
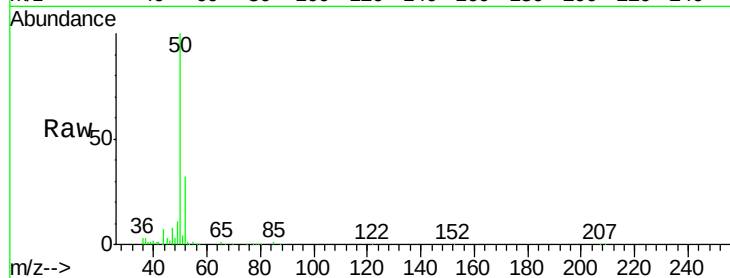
VW0508SBSD02

Tot 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

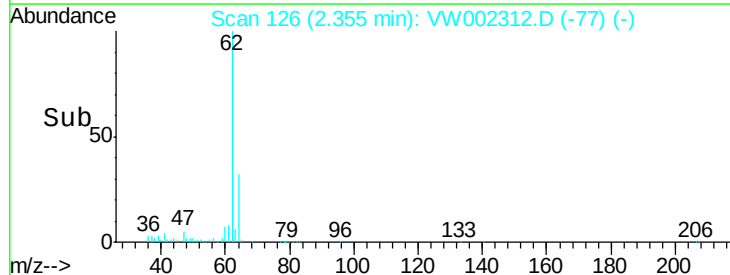
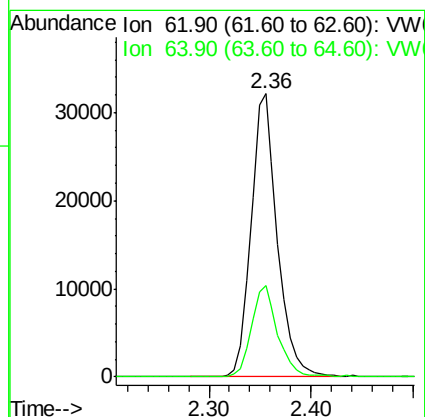
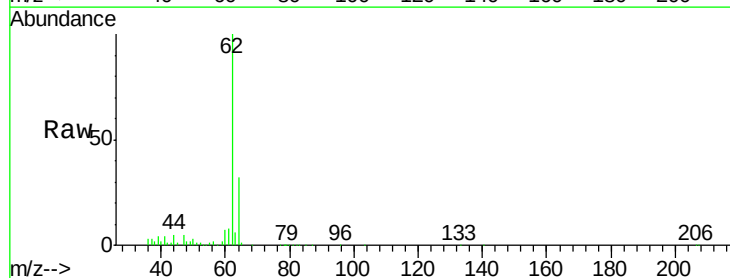
Acq: 09 May 2018 00:24

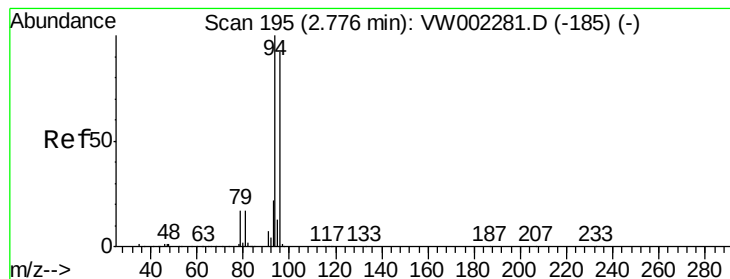
Tgt Ion: 62 Resp: 57656

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 :

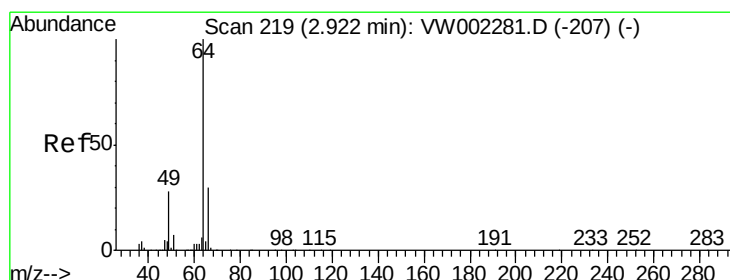
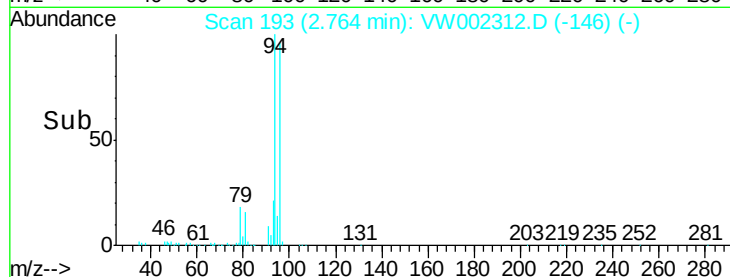
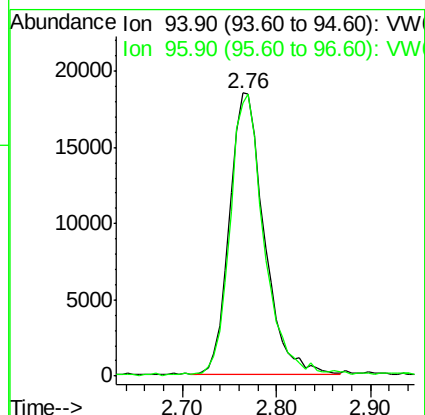
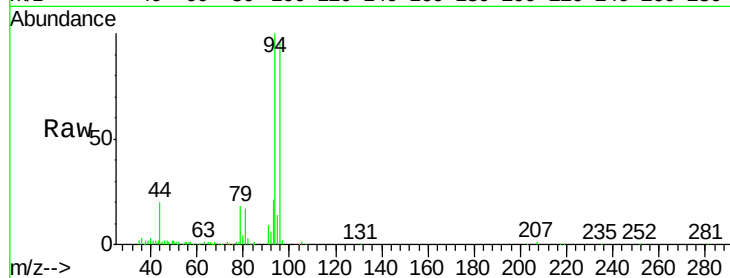
VW0508SBSD02

Tot 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

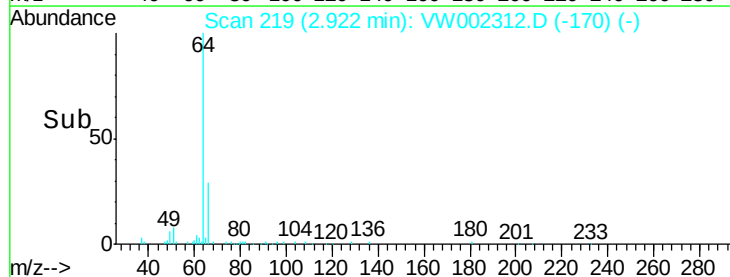
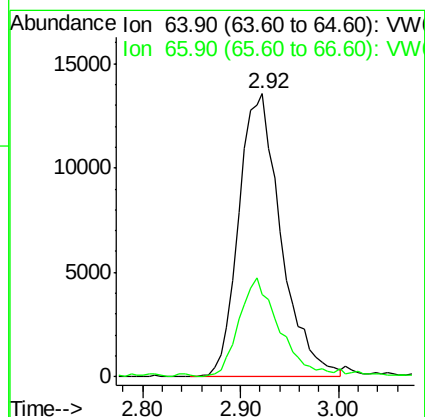
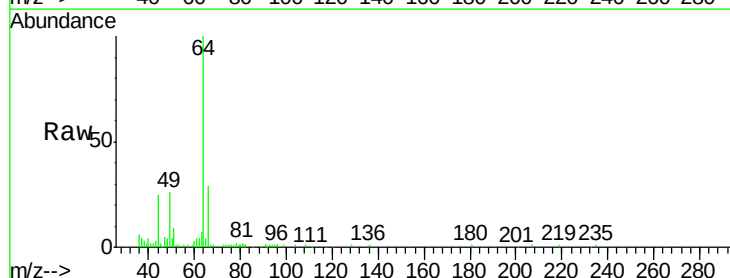
Acq: 09 May 2018 00:24

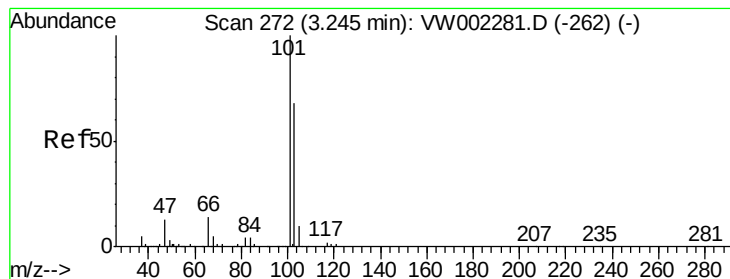
Tgt Ion: 64 Resp: 40673

Ion Ratio Lower Upper

64 100

66 28.7 23.8 35.6



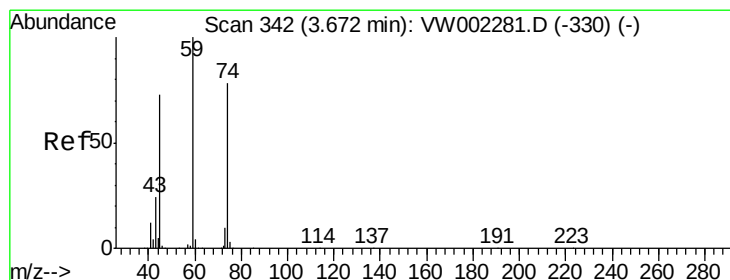
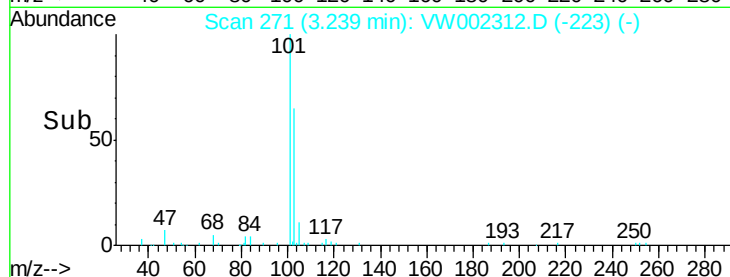
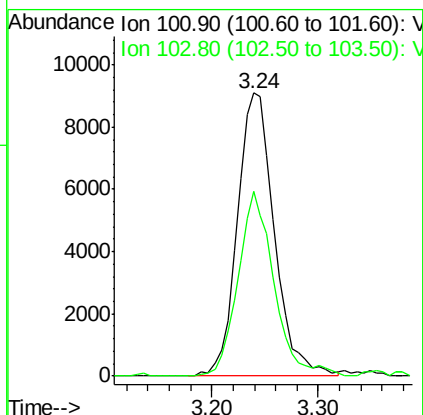
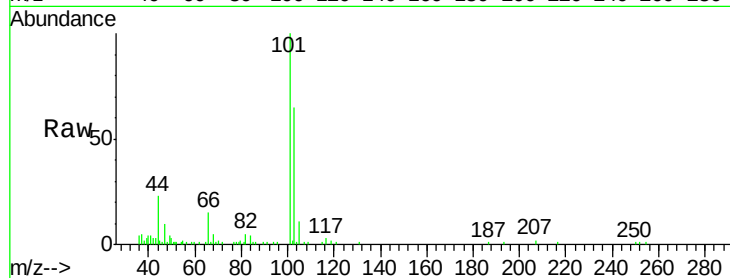


#7

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

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 MSVOA_W
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 VW0508SBS02

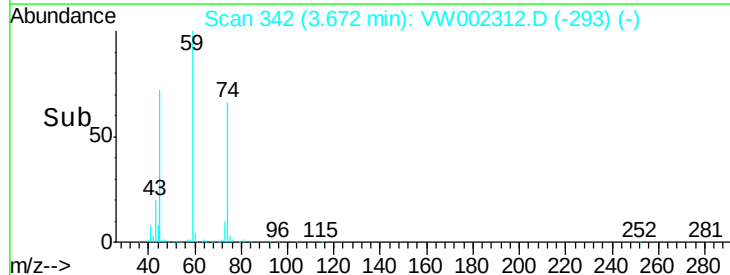
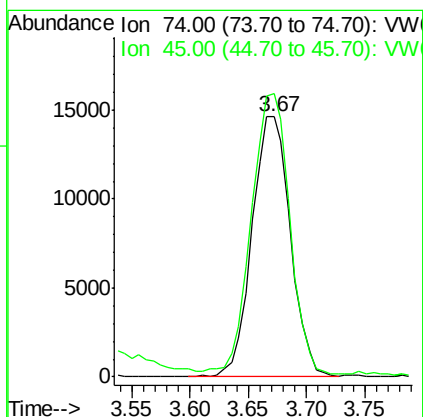
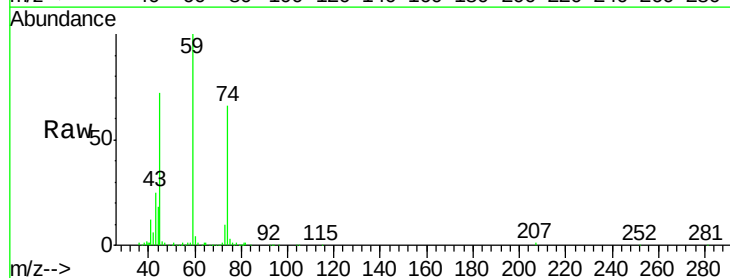
Tot Ion:101 Resp: 22167
 Ion Ratio Lower Upper
 101 100
 103 65.3 54.6 82.0

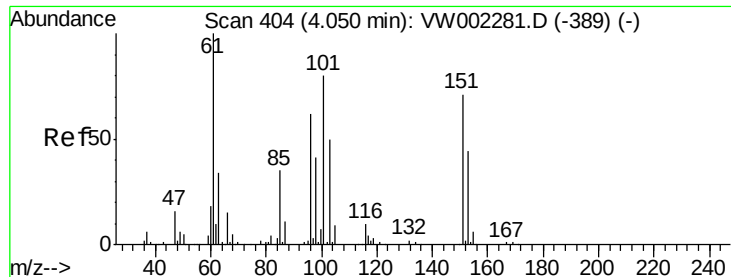


#8

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

Acq: 09 May 2018 00:24

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBSD02

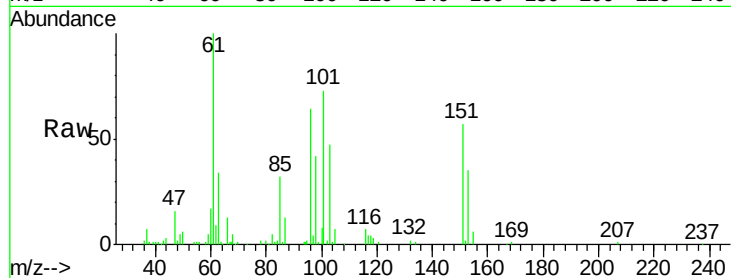
Tot Ion:101 Resp: 42795

Ion Ratio Lower Upper

101 100

85 45.1 35.9 53.9

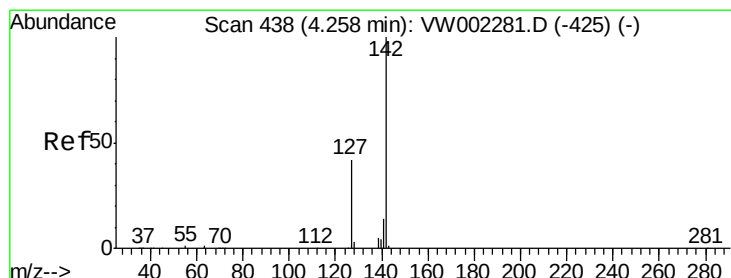
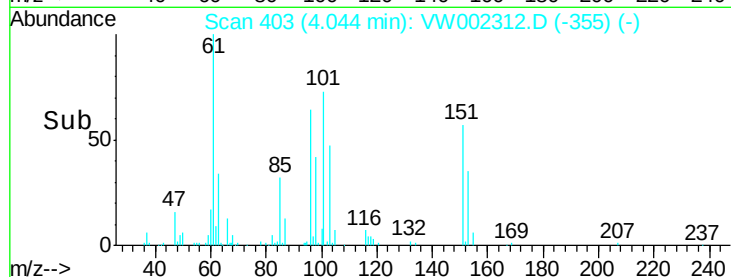
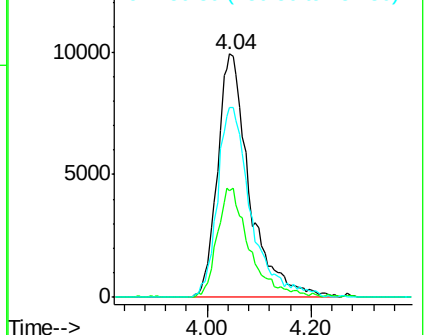
151 81.6 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.04 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW002312.D

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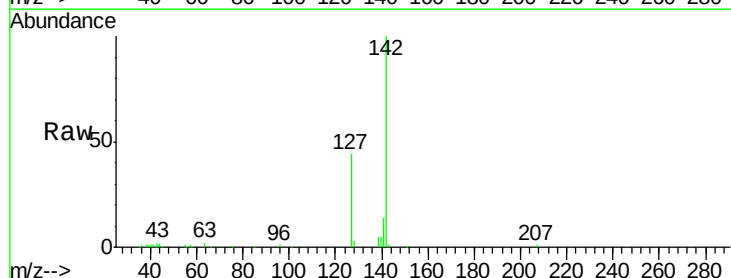
Tgt Ion:142 Resp: 68294

Ion Ratio Lower Upper

142 100

127 43.3 34.7 52.1

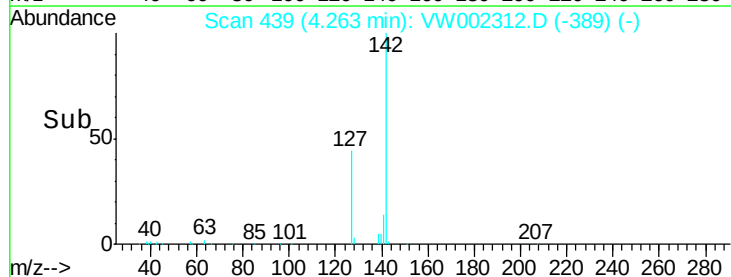
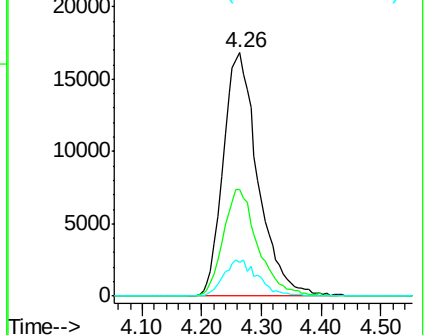
141 14.7 11.9 17.9

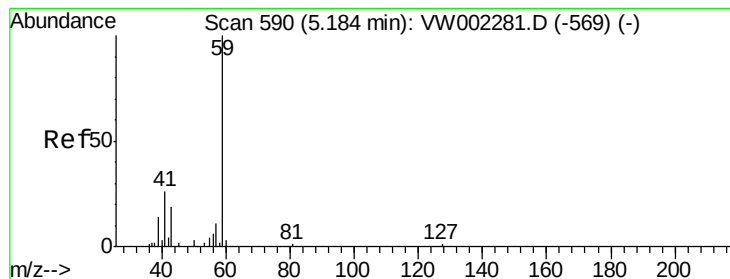


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 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

ClientSampled :

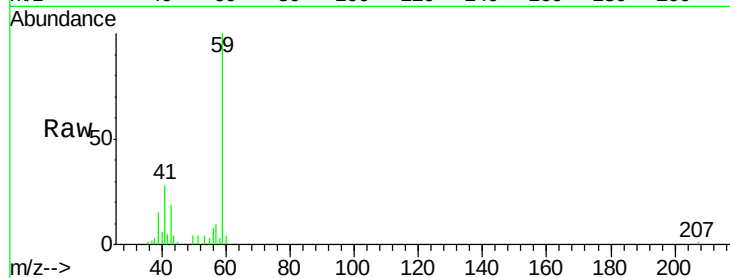
VW0508SBS02

Tot 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

5.19

5000

4000

3000

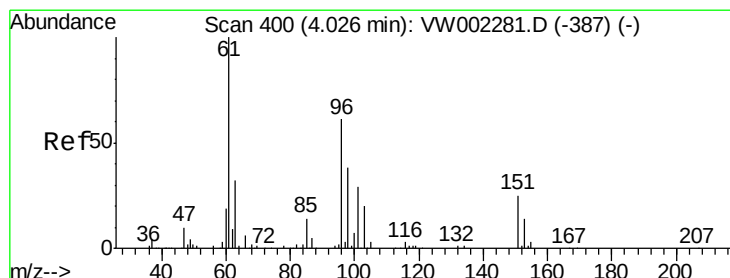
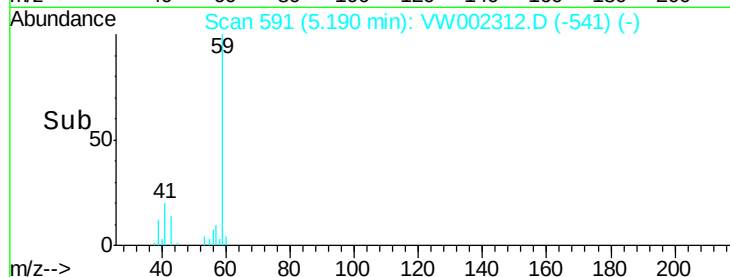
2000

1000

0

Time-->

5.10 5.20 5.30



#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

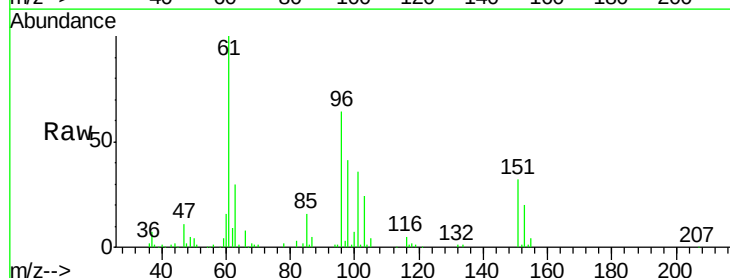
Tgt Ion: 96 Resp: 41321

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

25000

20000

15000

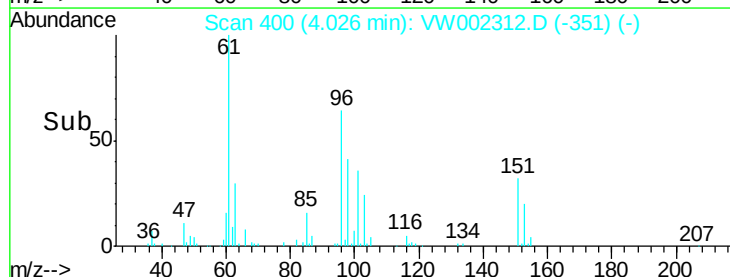
10000

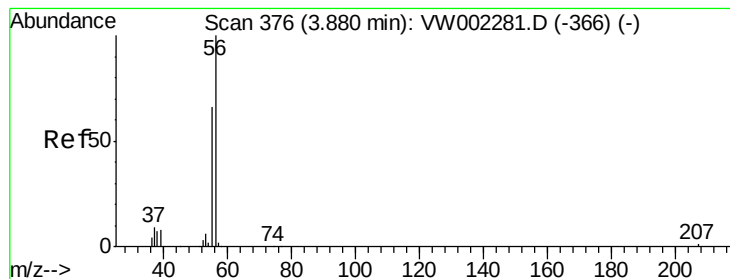
5000

0

Time-->

3.90 4.00 4.10 4.20





#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 :

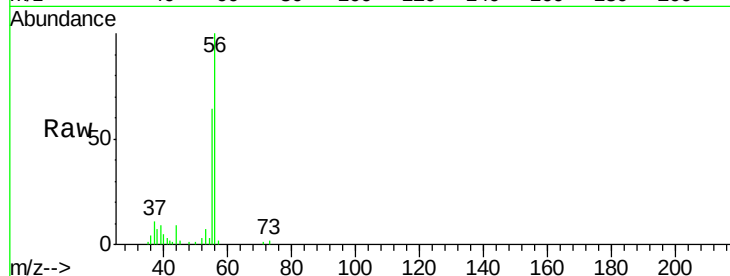
VW0508SBSD02

Tot Ion: 56 Resp: 14485

Ion Ratio Lower Upper

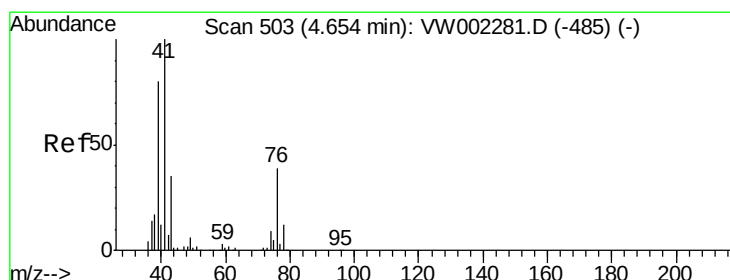
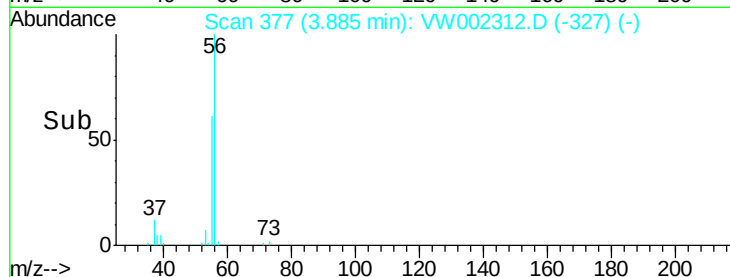
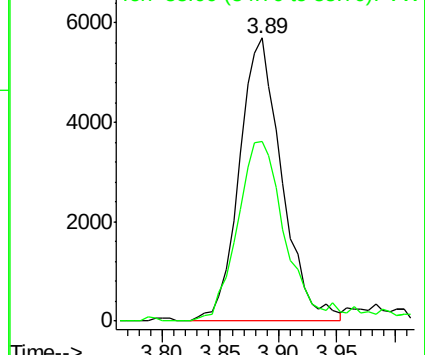
56 100

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

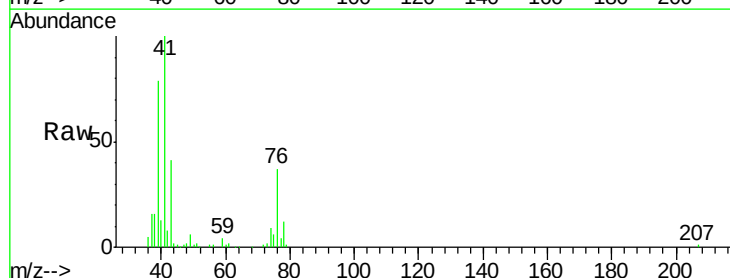
Tgt Ion: 41 Resp: 58872

Ion Ratio Lower Upper

41 100

39 75.0 61.7 92.5

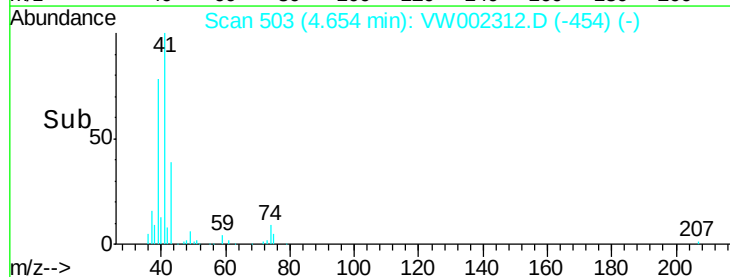
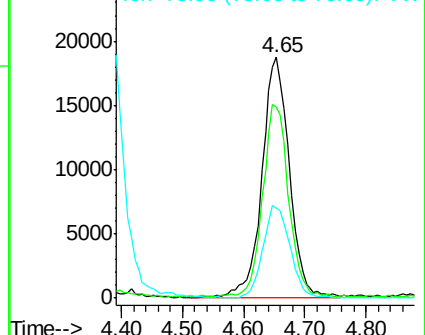
76 37.5 29.8 44.6

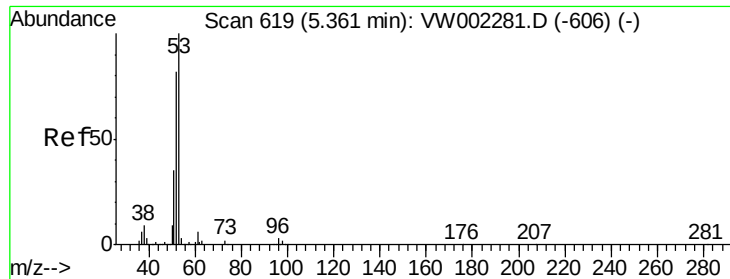


Abundance Ion 41.00 (40.70 to 41.70): VW

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

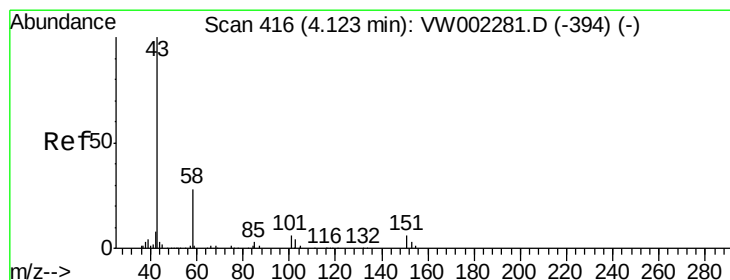
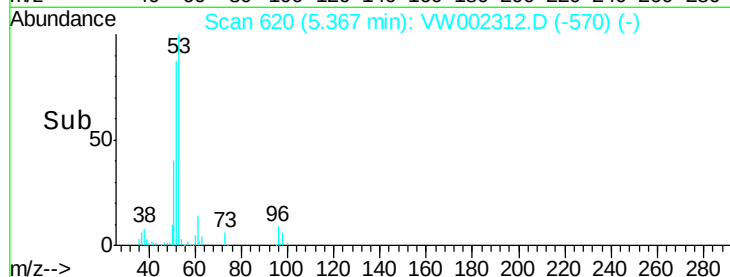
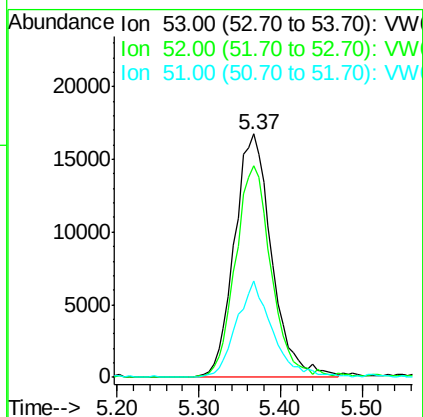
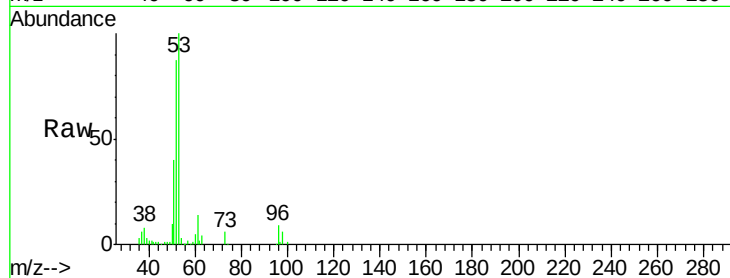
Tot Ion: 53 Resp: 53033

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

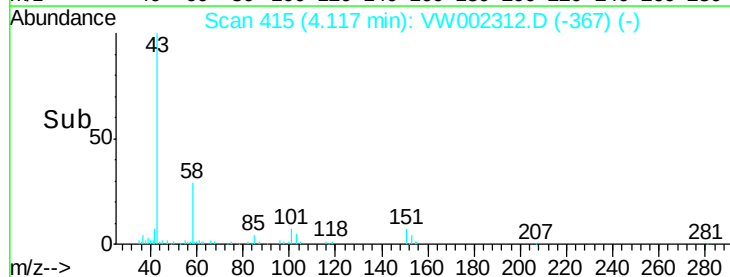
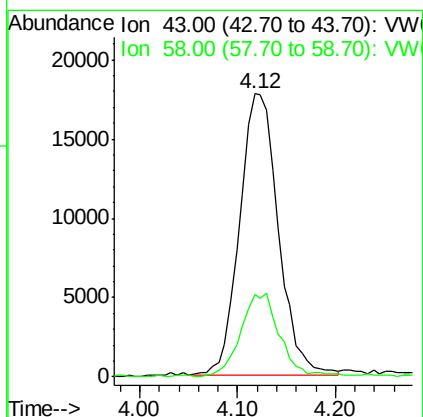
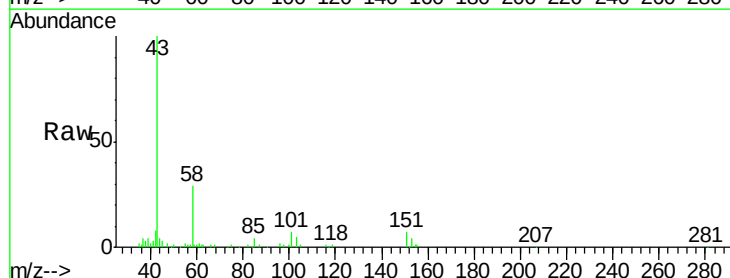
Acq: 09 May 2018 00:24

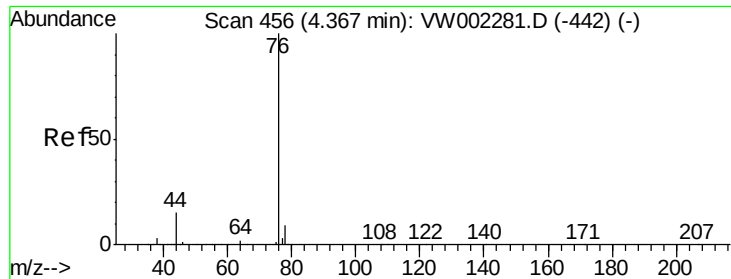
Tgt Ion: 43 Resp: 48704

Ion Ratio Lower Upper

43 100

58 29.0 22.2 33.4

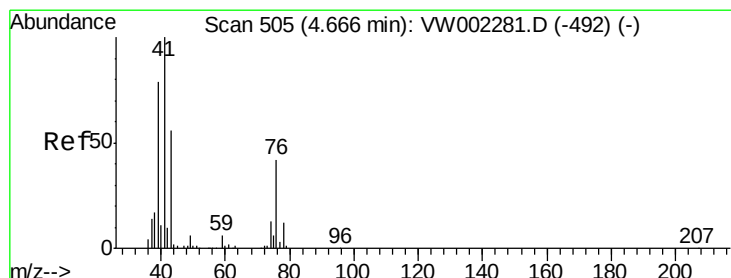
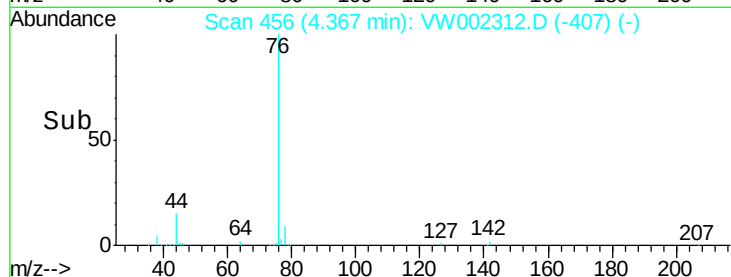
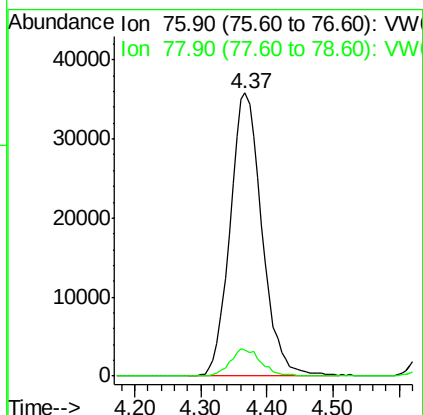
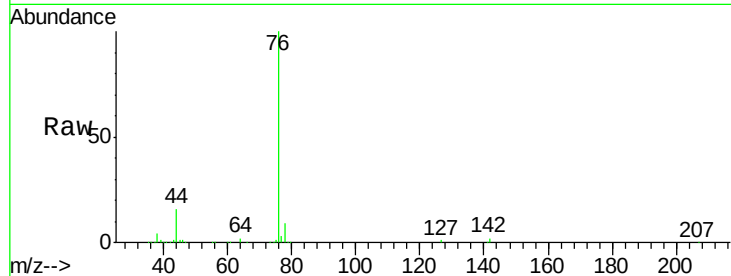




#17
Carbon Disulfide
Concen: 19.80 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

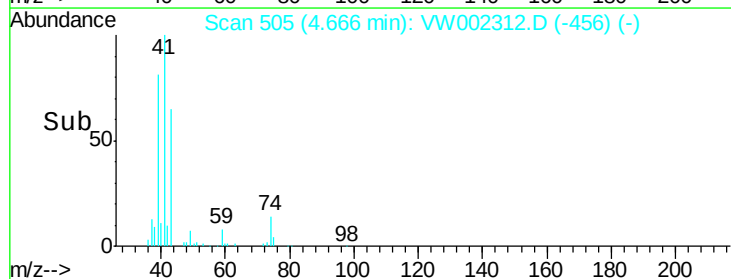
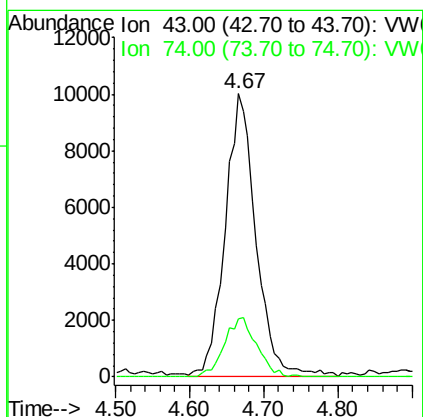
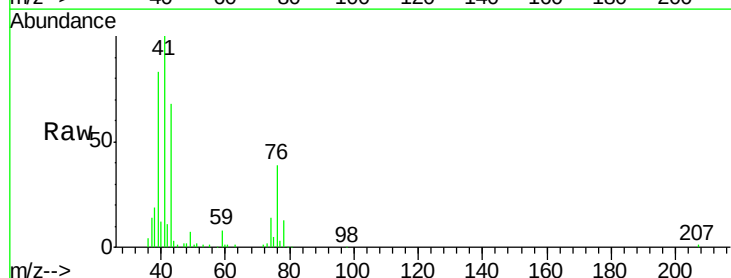
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

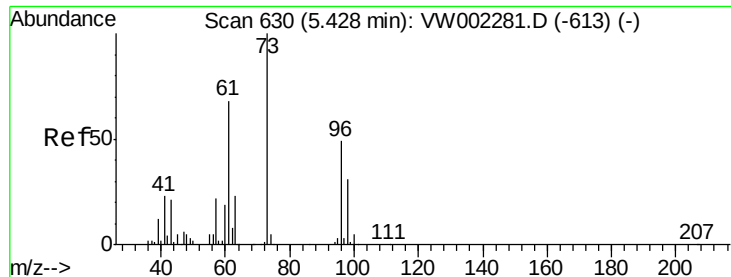
Tot Ion: 76 Resp: 119856
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#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



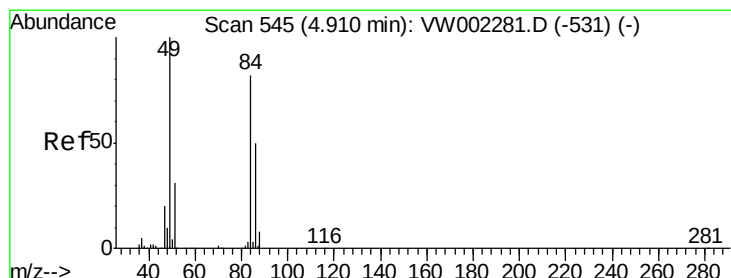
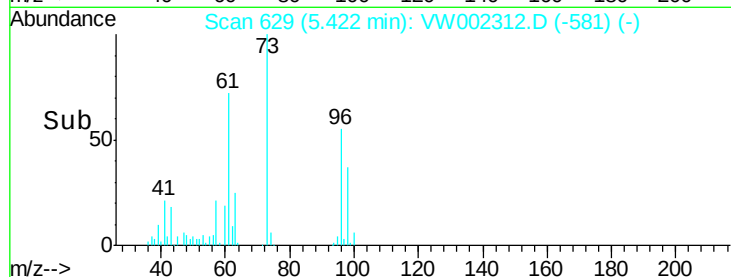
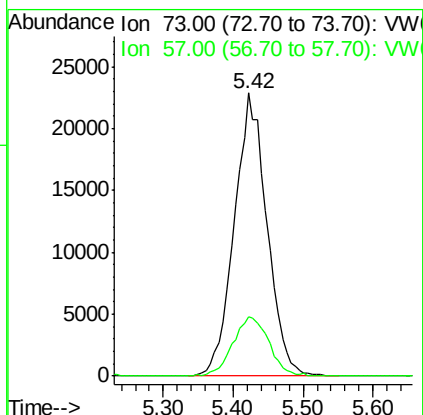
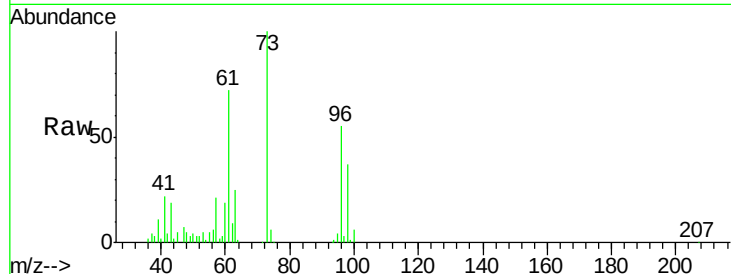


#19

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

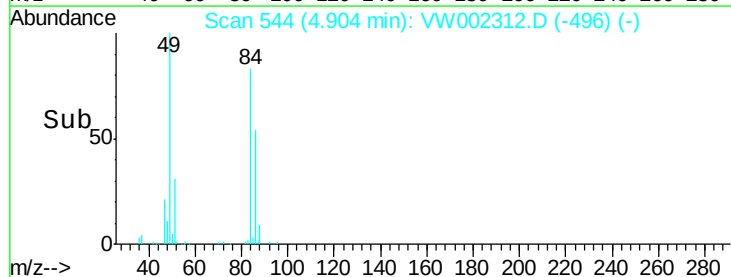
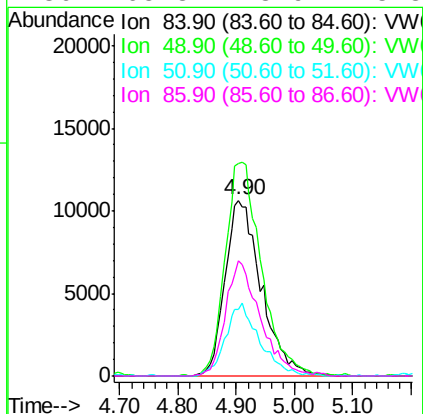
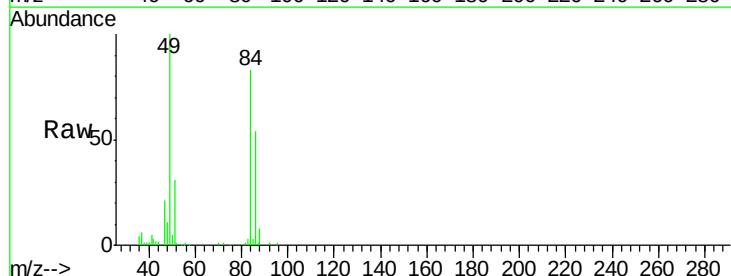
Tot Ion: 73 Resp: 74274
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.7 26.5

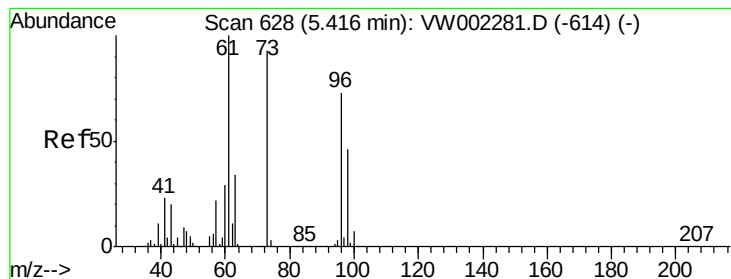


#20

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

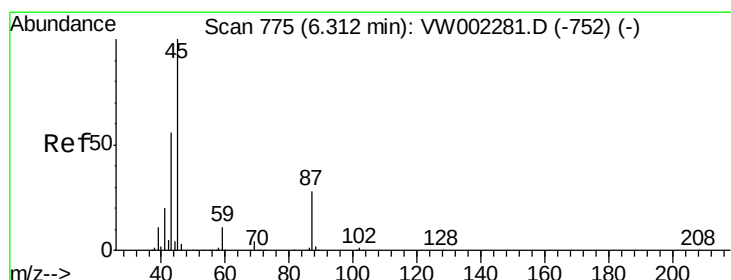
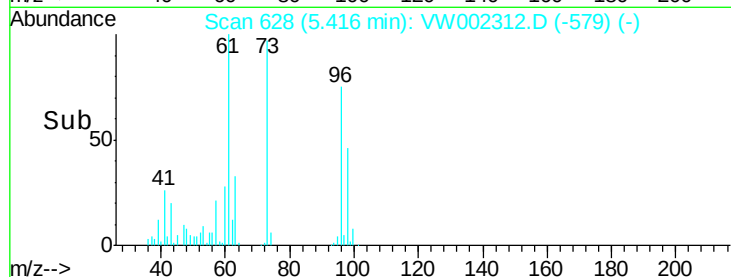
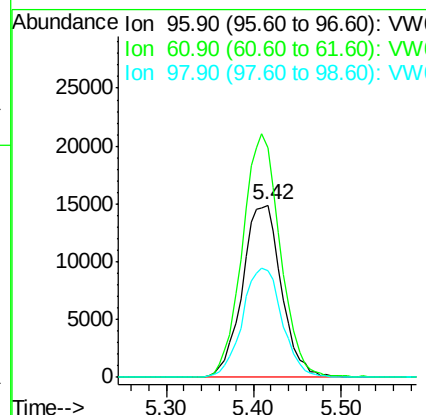
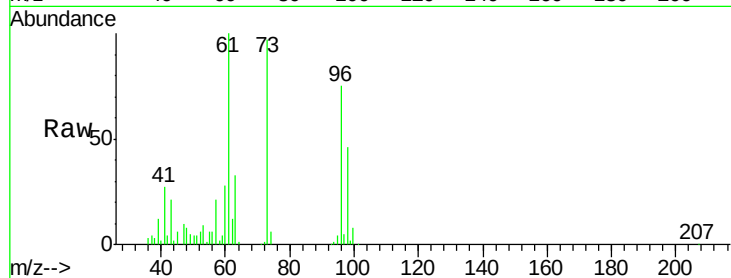
Tot Ion: 96 Resp: 46014

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

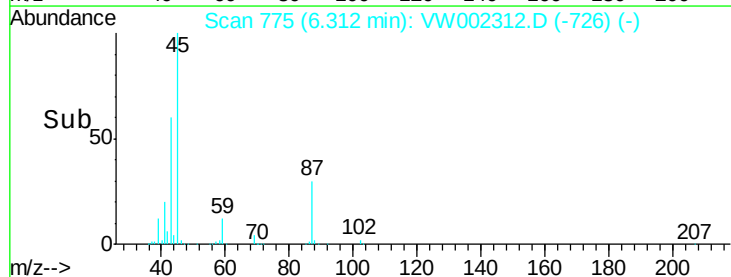
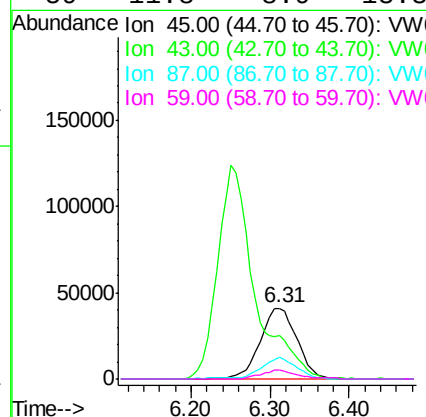
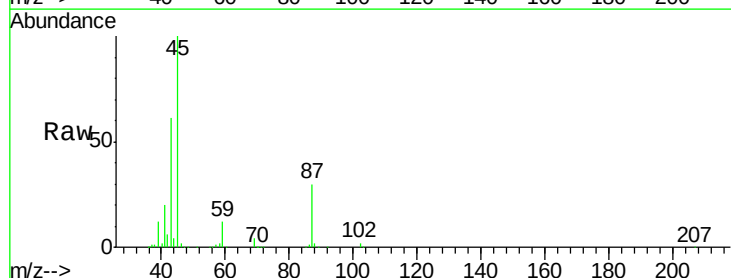
Ion Ratio Lower Upper

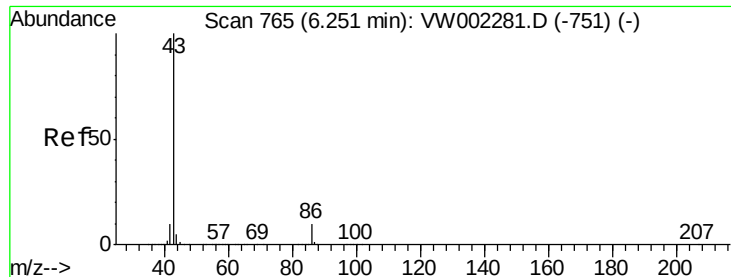
45 100

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 :

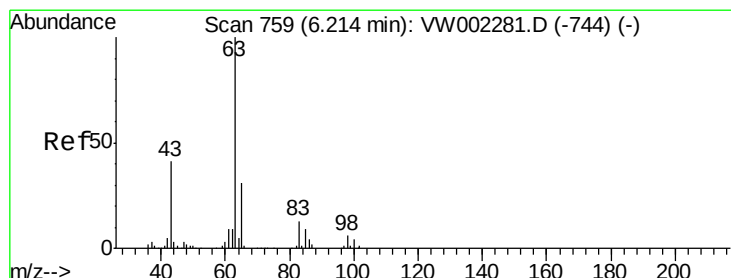
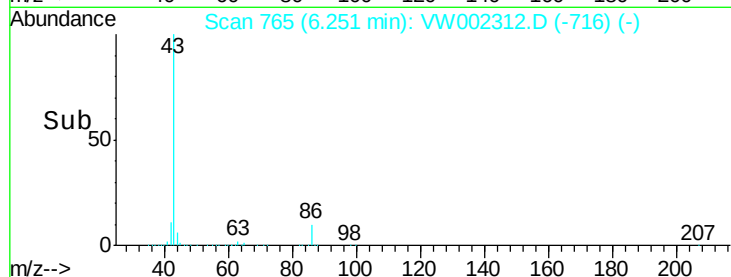
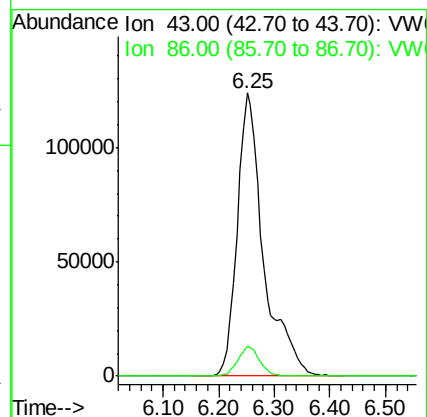
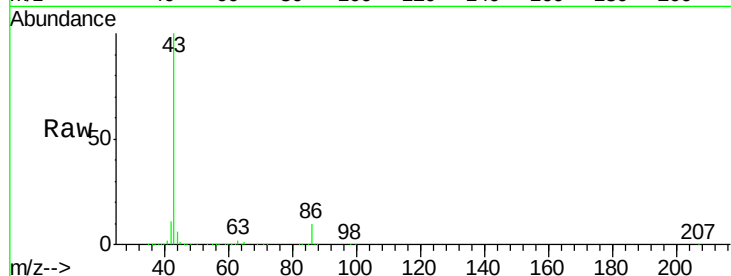
VW0508SBSD02

Tot 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

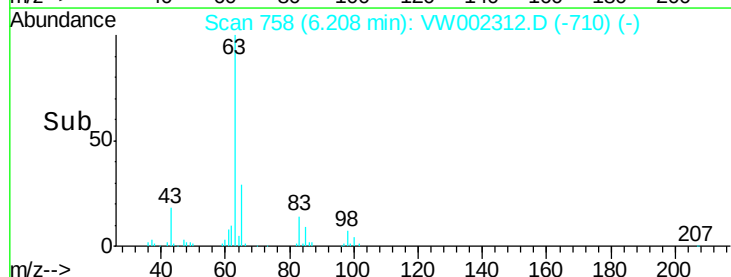
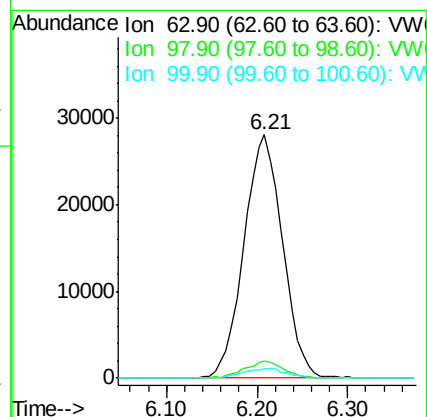
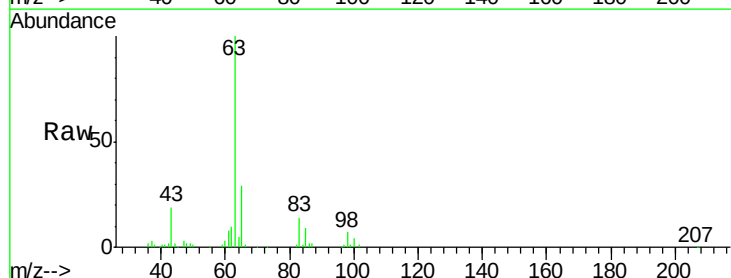
Tgt Ion: 63 Resp: 82756

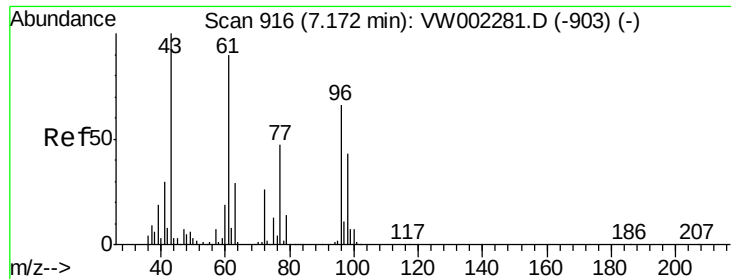
Ion Ratio Lower Upper

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 :

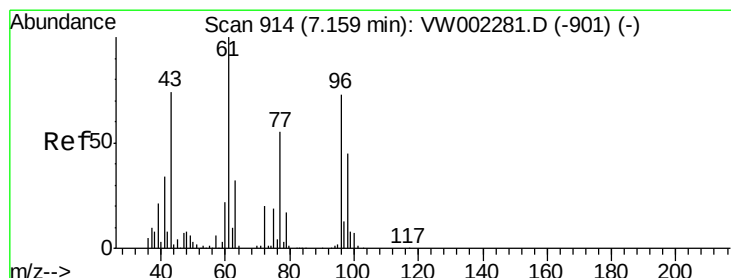
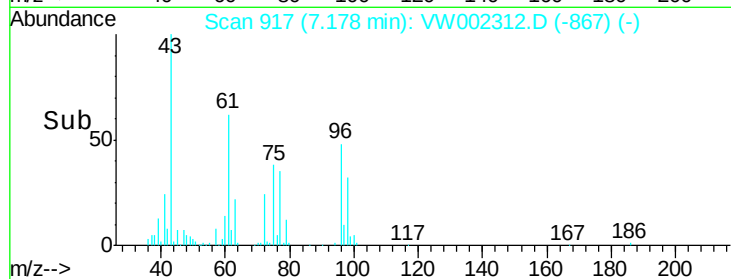
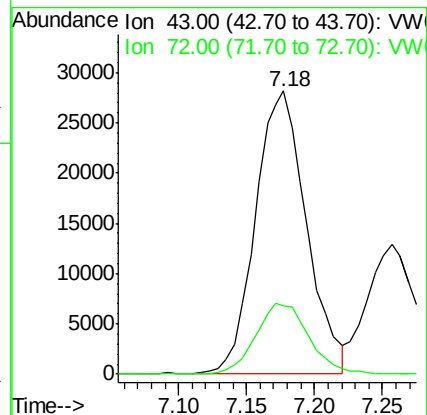
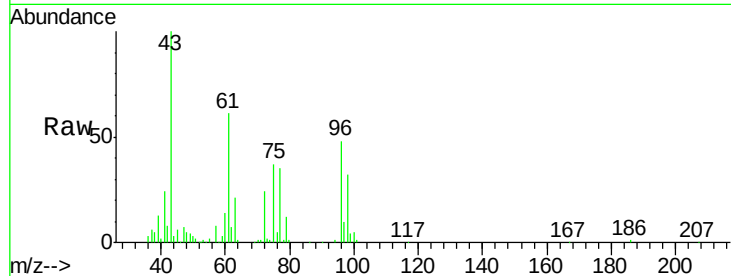
VW0508SBS02

Tot 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

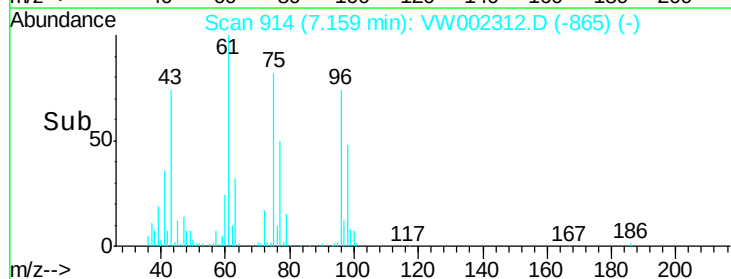
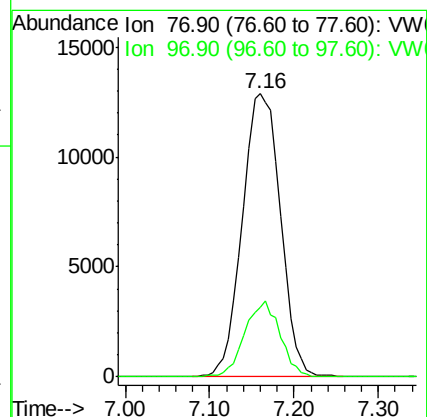
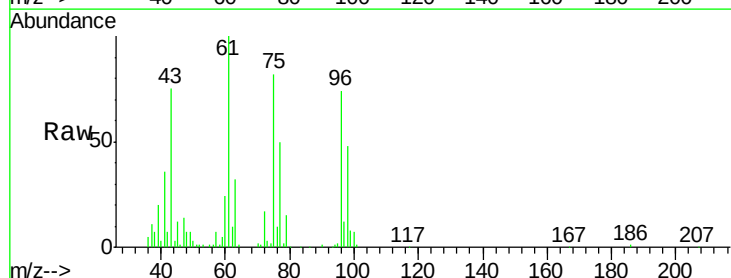
Acq: 09 May 2018 00:24

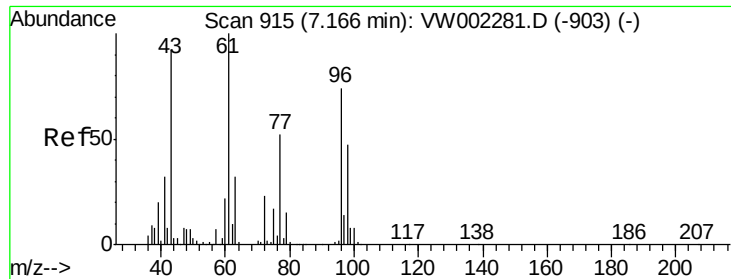
Tgt Ion: 77 Resp: 39567

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 :

VW0508SBS02

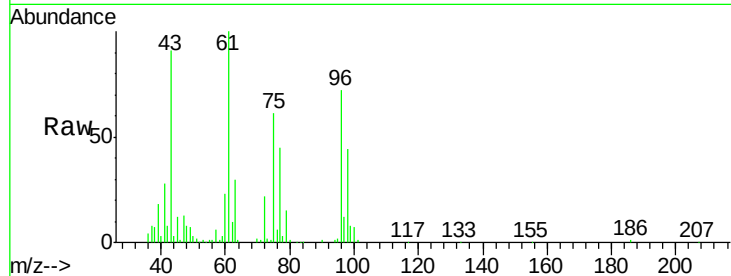
Tot Ion: 96 Resp: 51138

Ion Ratio Lower Upper

96 100

61 139.9 0.0 274.8

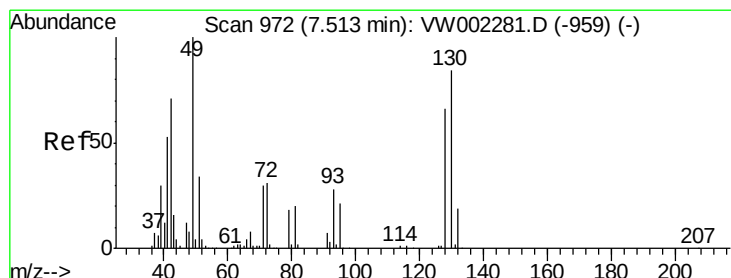
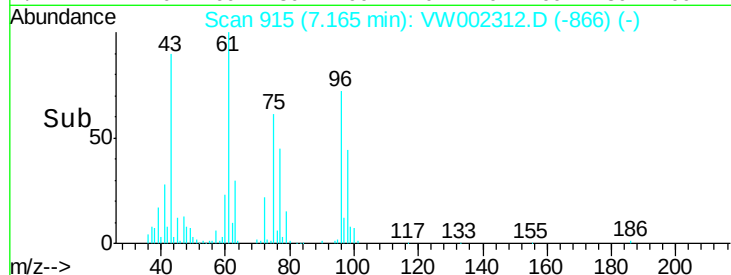
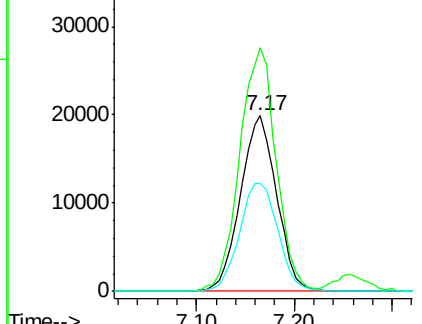
98 65.5 0.0 128.4



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



#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

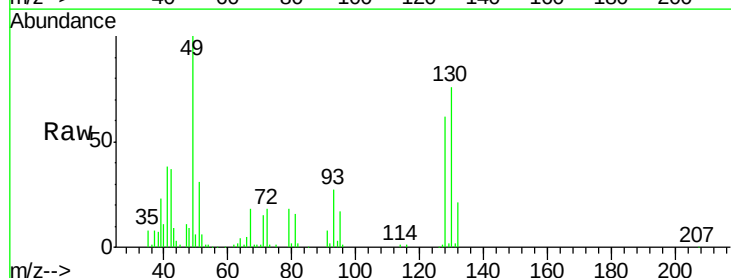
Tgt Ion: 49 Resp: 36498

Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.4

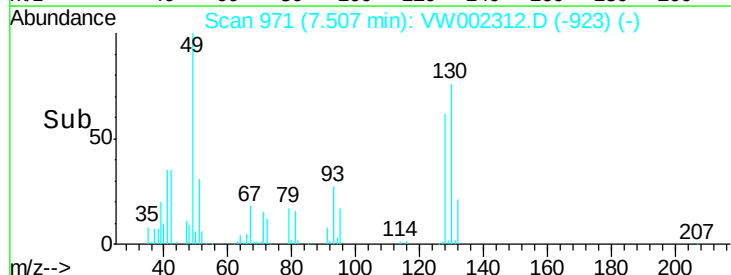
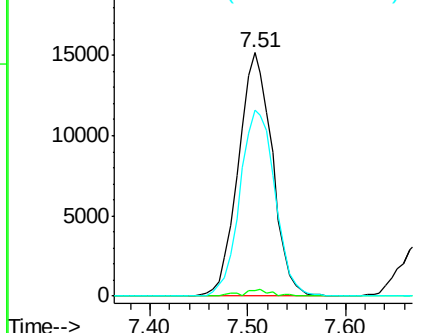
130 79.2 65.5 98.3

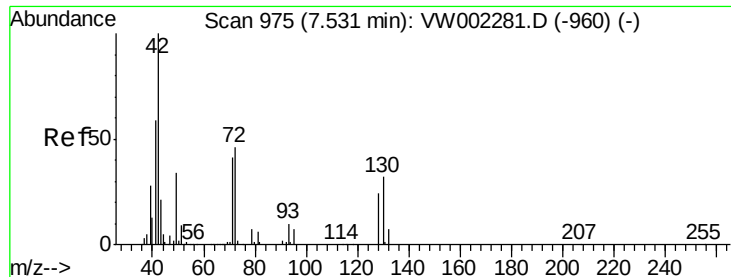


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

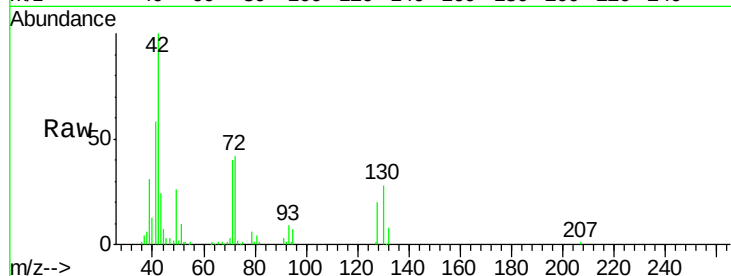




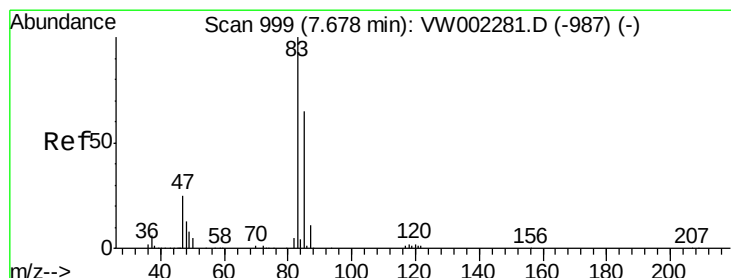
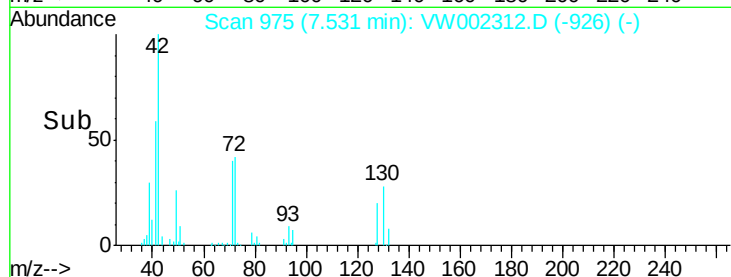
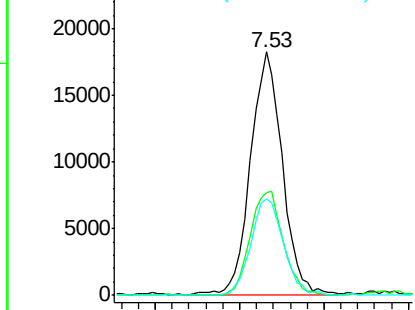
#29
Tetrahydrofuran
Concen: 101.39 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Instrument :
MSVOA_W
ClientSampleId :
VW0508SBS02

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

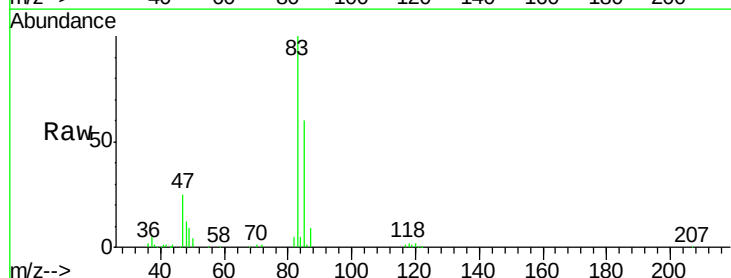


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

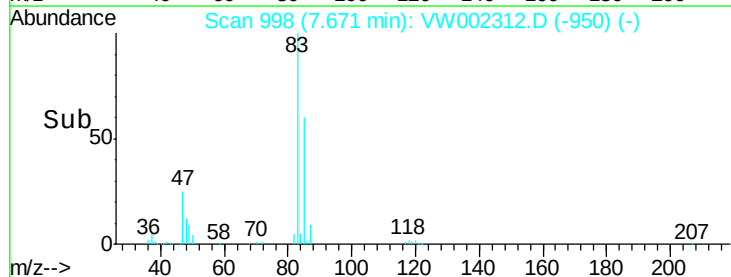
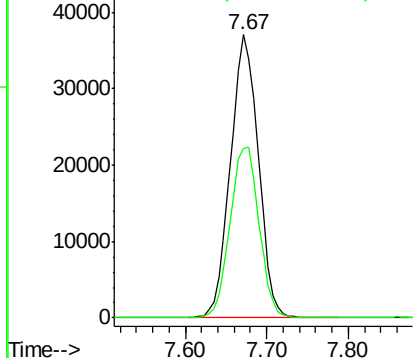


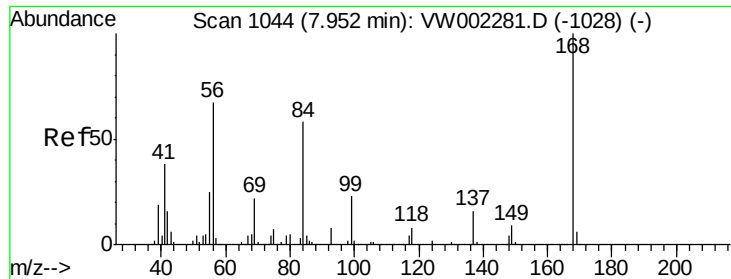
#30
Chloroform
Concen: 20.53 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

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



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





#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

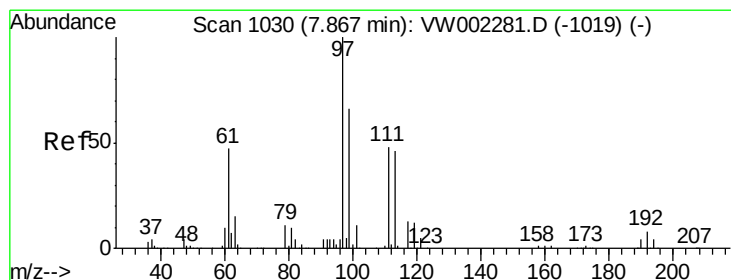
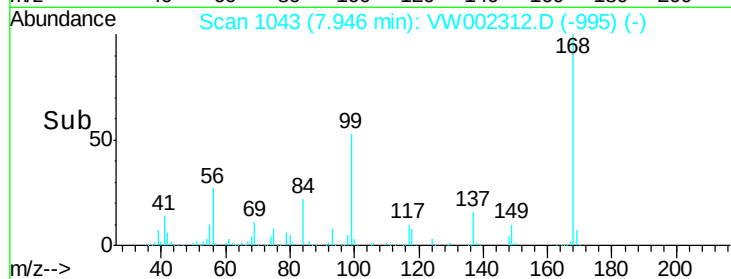
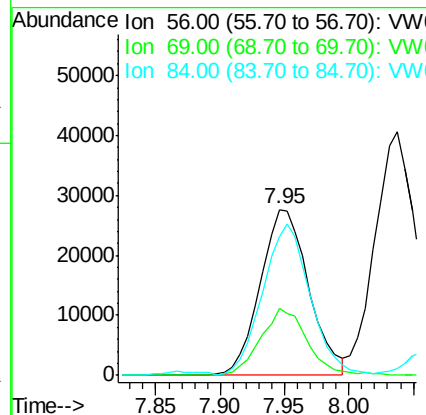
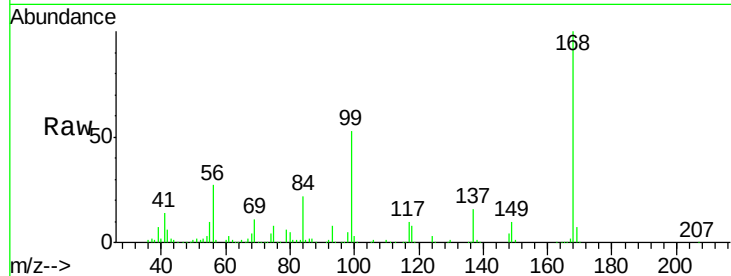
Tot Ion: 56 Resp: 72330

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

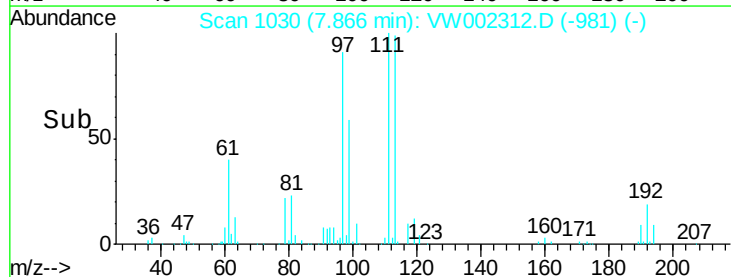
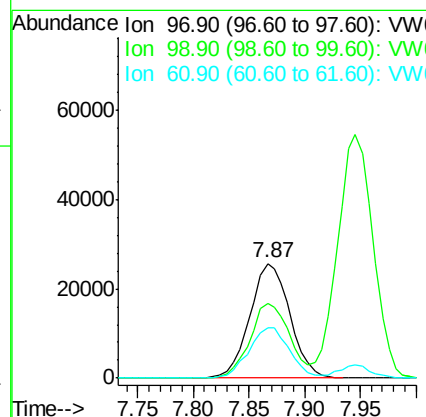
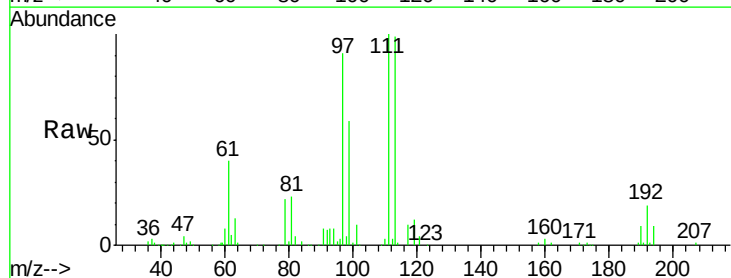
Tgt Ion: 97 Resp: 64160

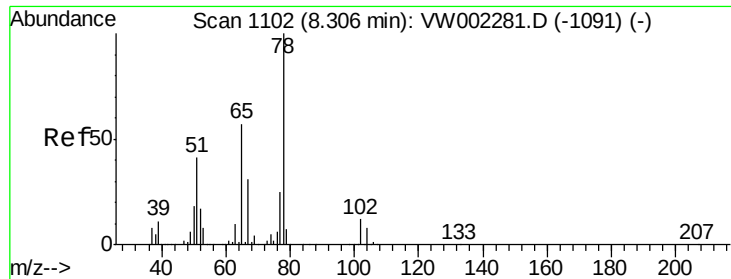
Ion Ratio Lower Upper

97 100

99 64.6 52.6 79.0

61 45.0 35.6 53.4

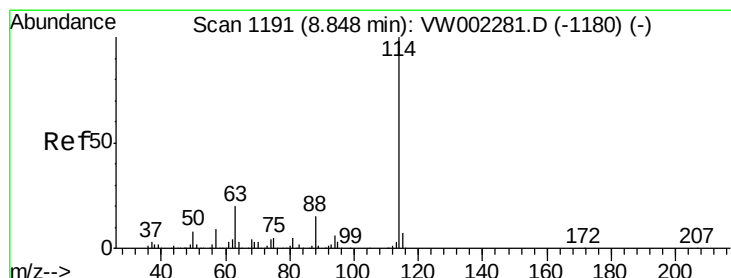
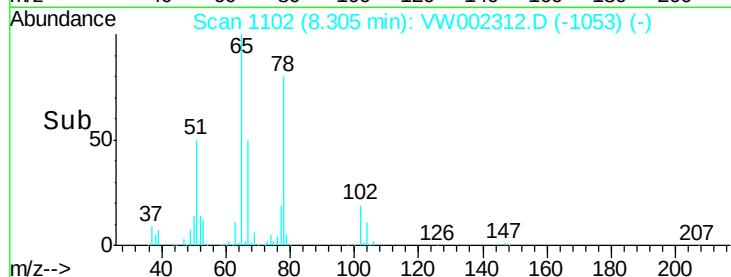
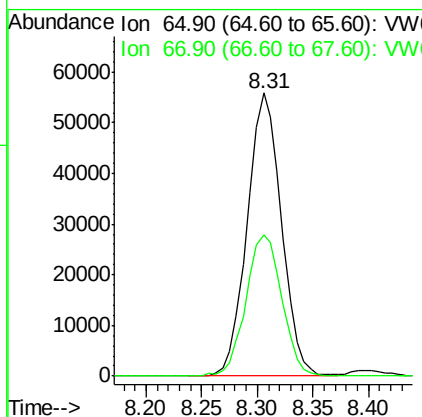
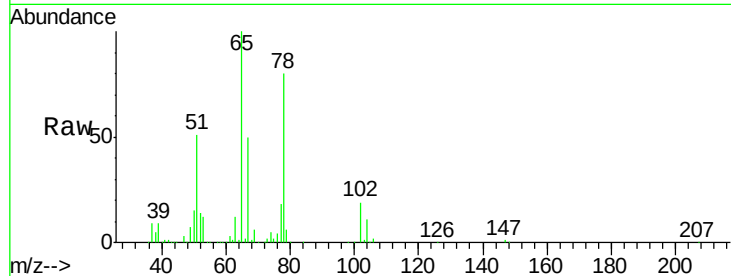




#33
 1,2-Dichloroethane-d4
 Concen: 49.06 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

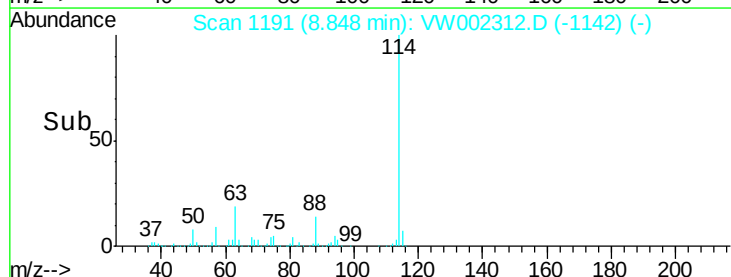
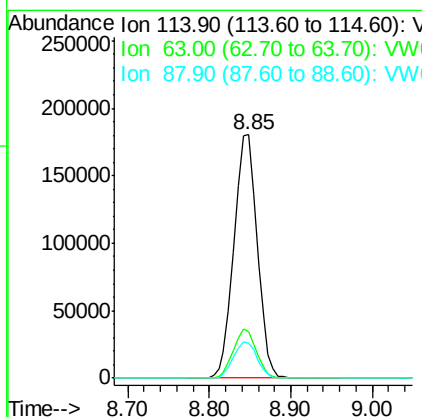
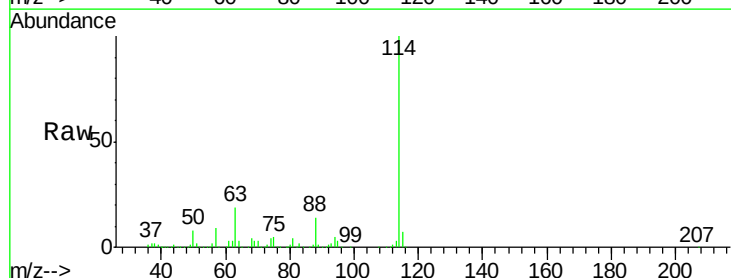
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

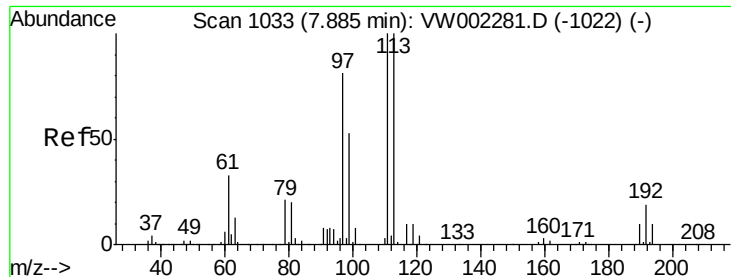
Tot Ion: 65 Resp: 119831
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.2



#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

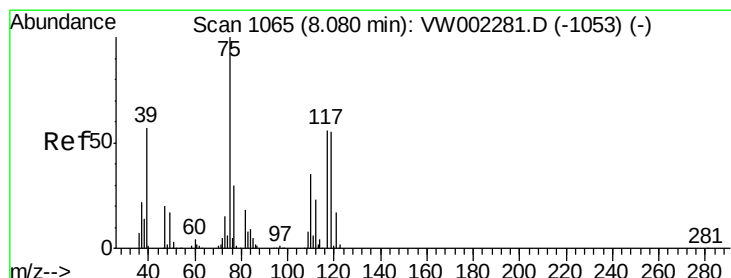
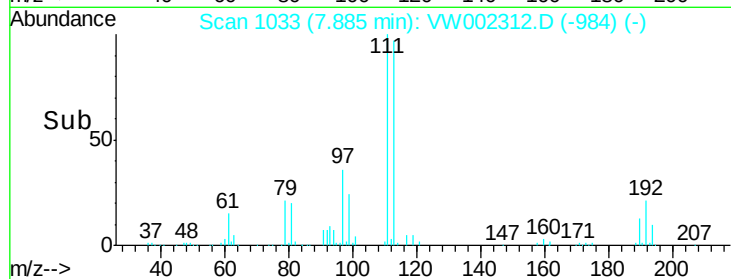
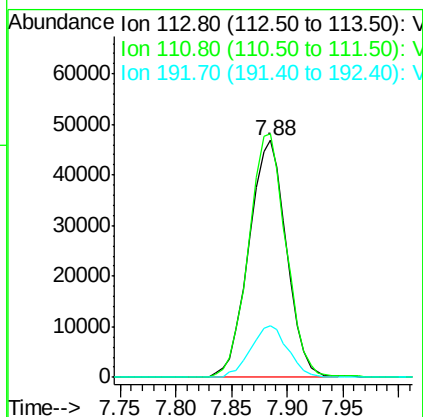
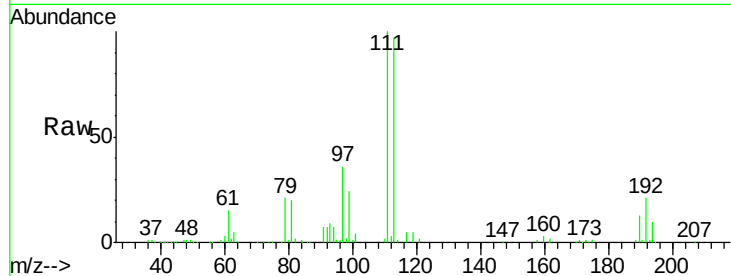




#35
 Dibromofluoromethane
 Concen: 48.53 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

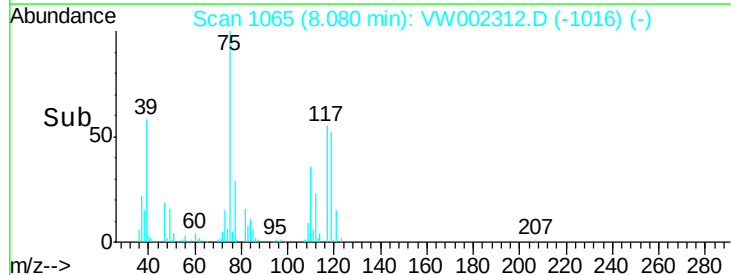
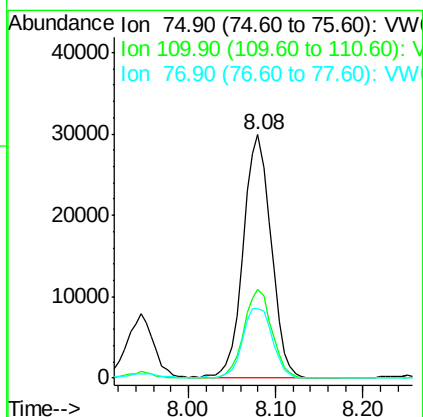
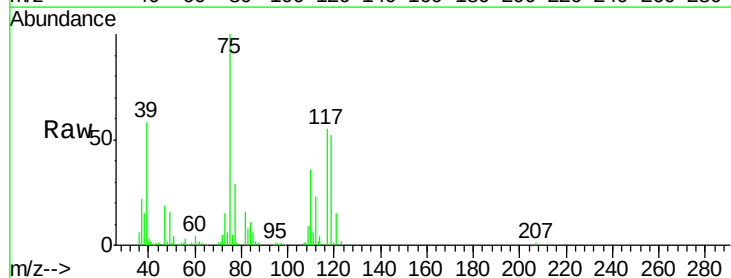
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

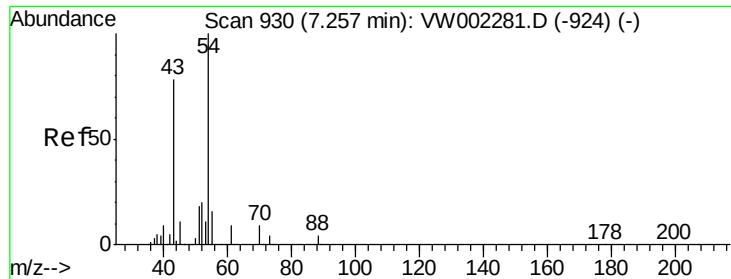
Tot Ion:113 Resp: 109983
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 21.6 16.4 24.6



#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

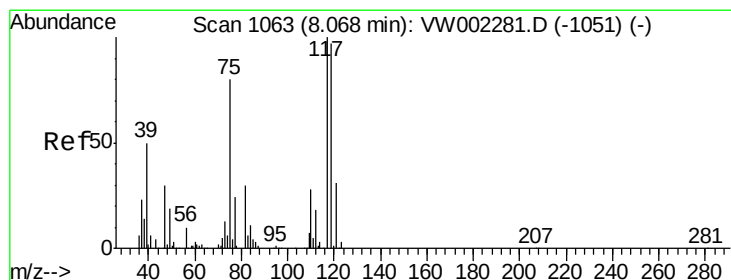
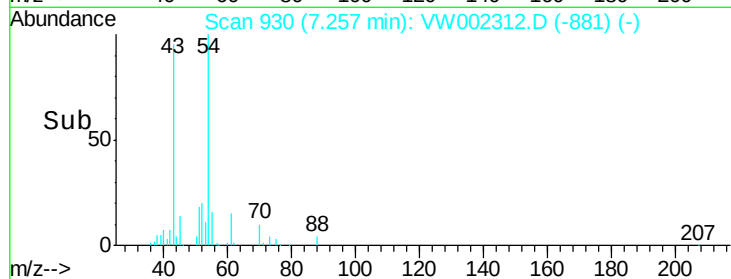
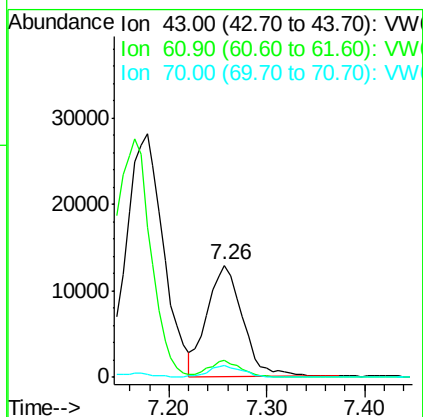
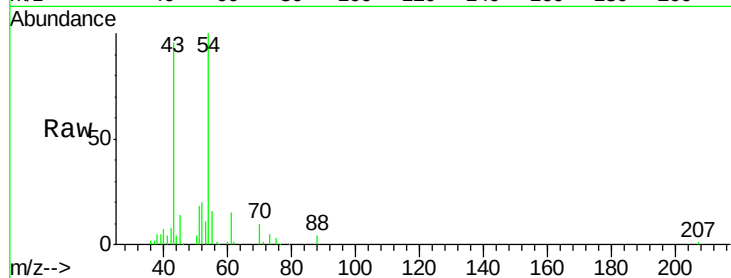




#37
Ethyl Acetate
Concen: 20.88 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

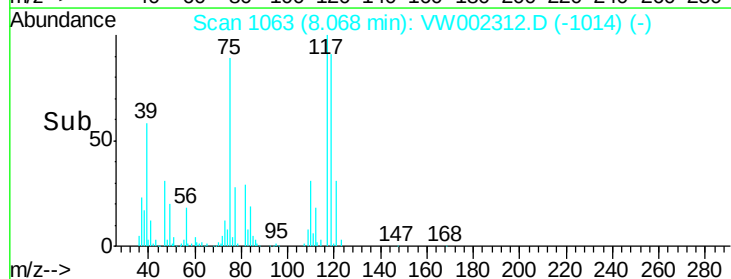
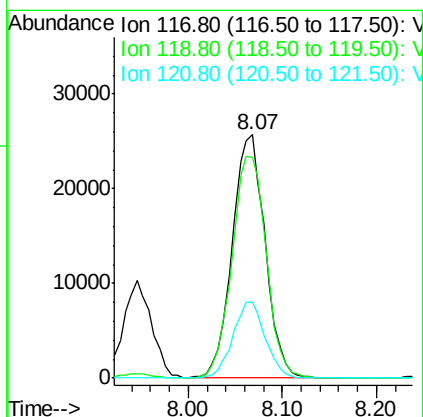
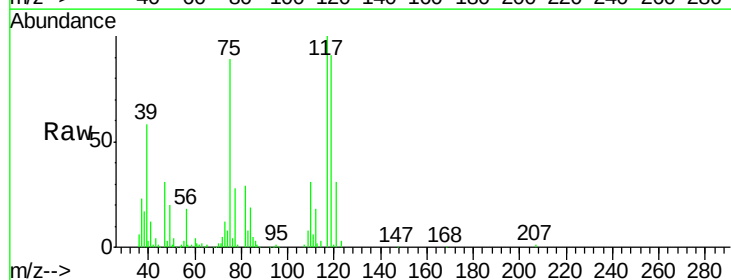
Instrument :
MSVOA_W
ClientSampled :
VW0508SBS02

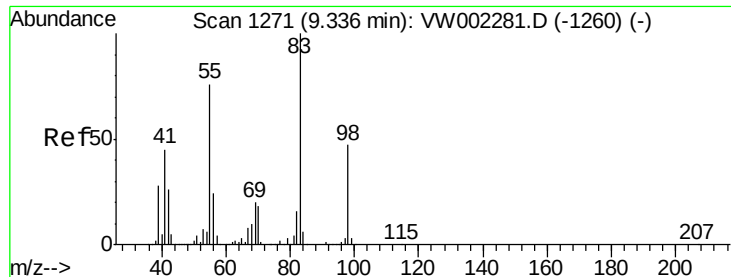
Tot Ion	43	Resp	32538
Ion Ratio	Lower	Upper	
43	100		
61	14.0	11.1	16.7
70	10.1	7.9	11.9



#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

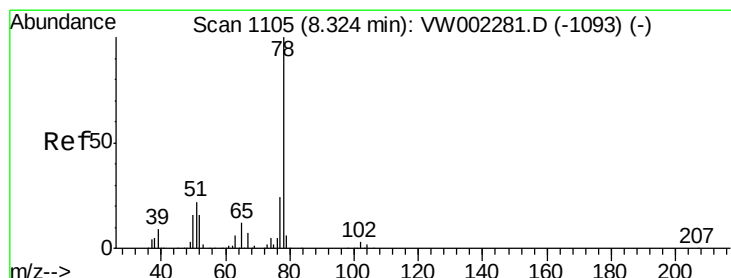
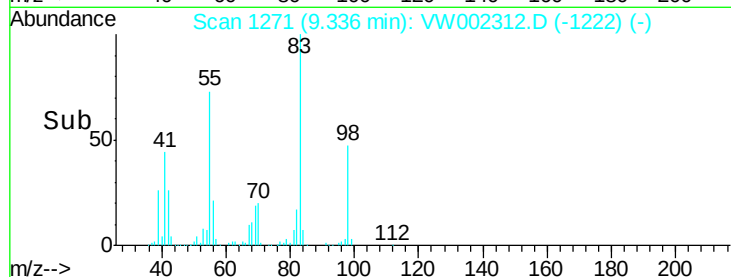
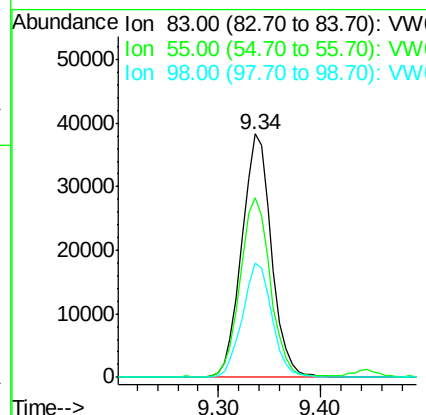
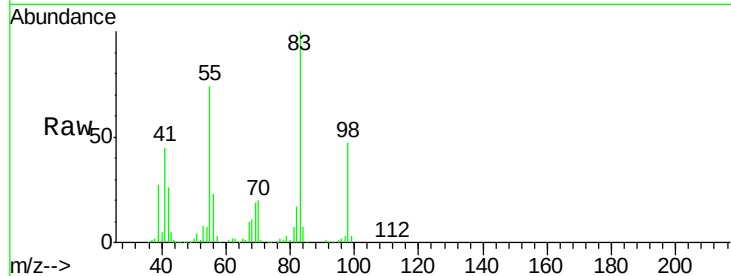




#39
Methylvlcyclohexane
Concen: 20.68 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

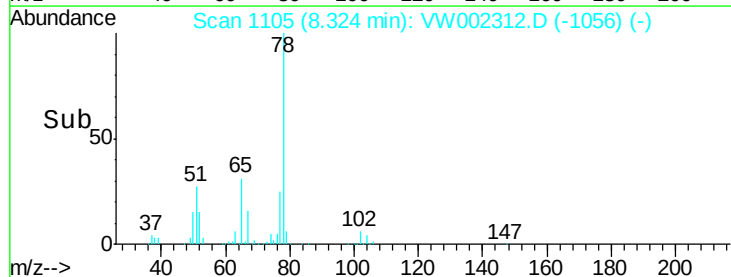
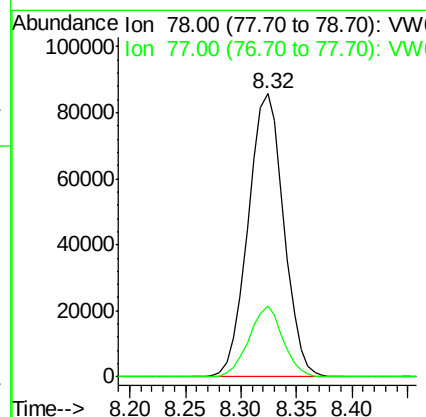
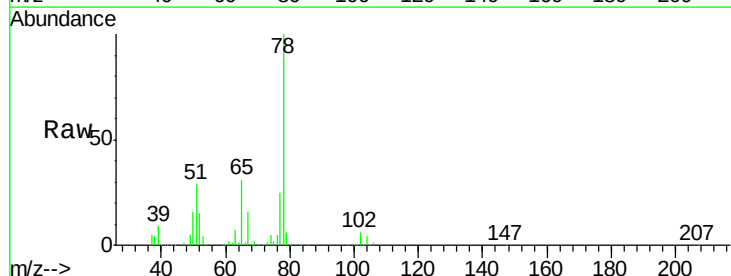
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBS02

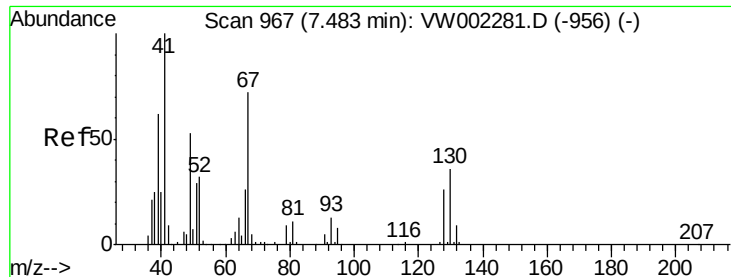
Tot Ion: 83 Resp: 77181
Ion Ratio Lower Upper
83 100
55 73.3 60.6 91.0
98 47.0 37.4 56.0



#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

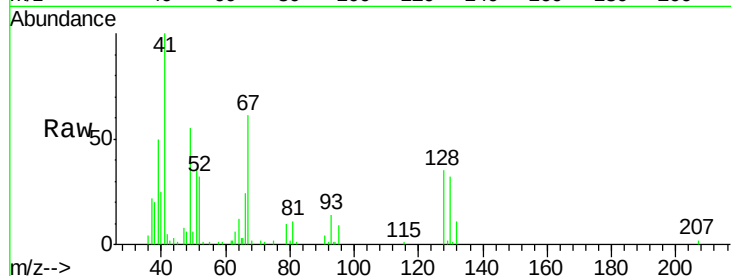




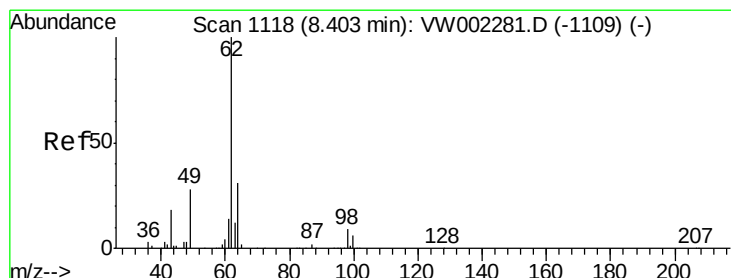
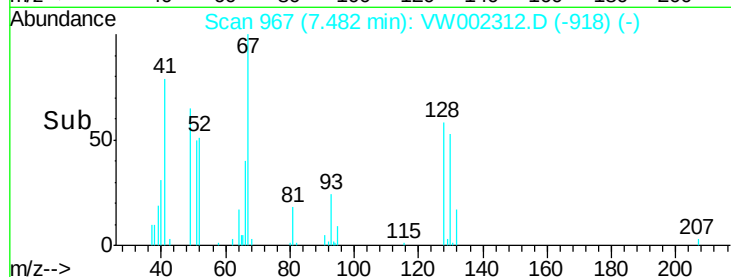
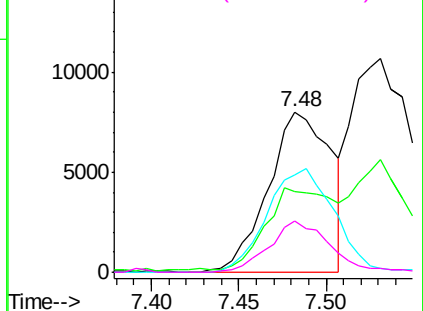
#41
Methacrylonitrile
Concen: 22.35 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Instrument :
MSVOA_W
ClientSampleId :
VW0508SBS02

Tot 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

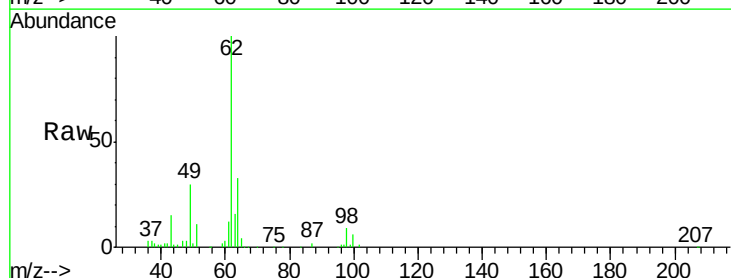


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

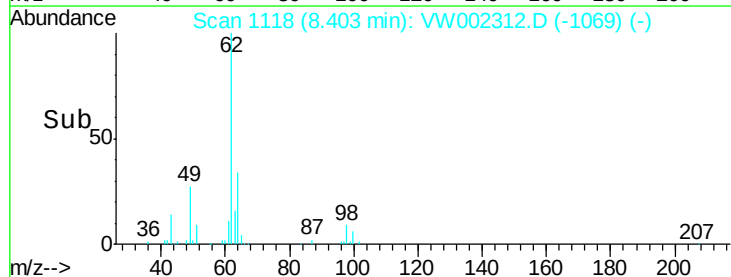
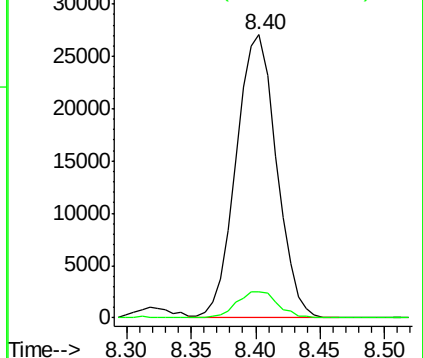


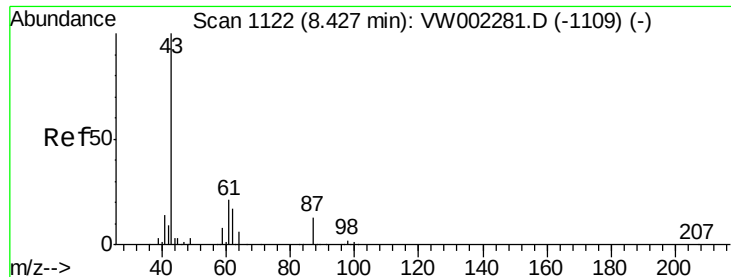
#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

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

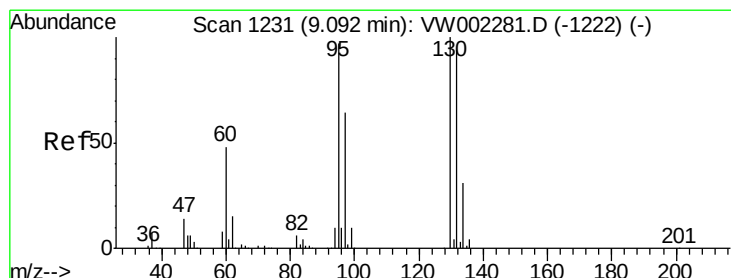
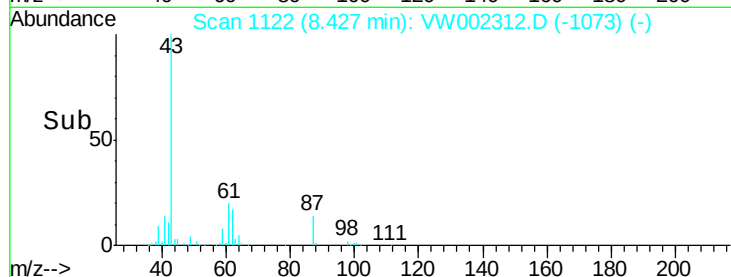
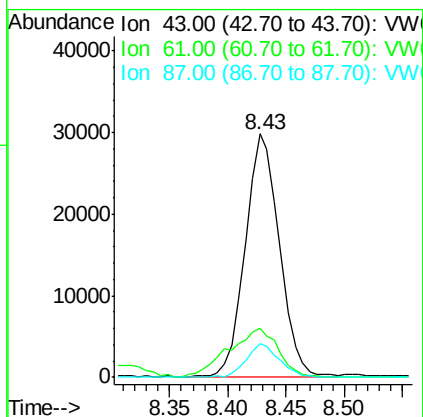
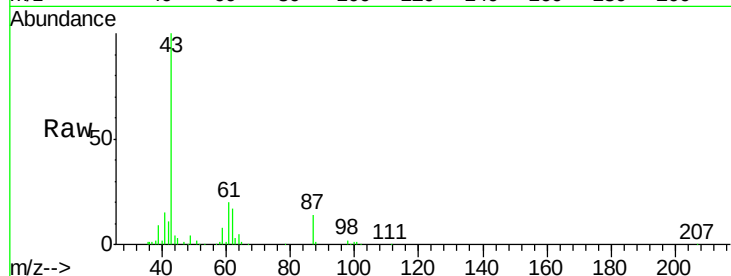
Tot Ion: 43 Resp: 61225

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

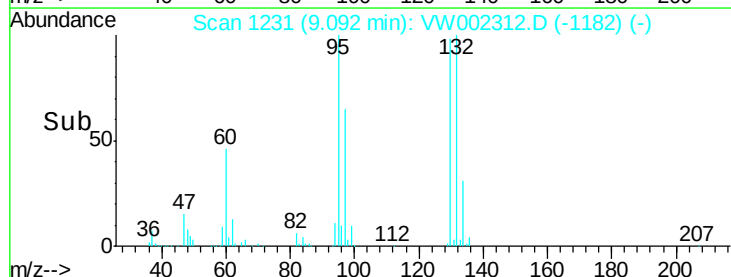
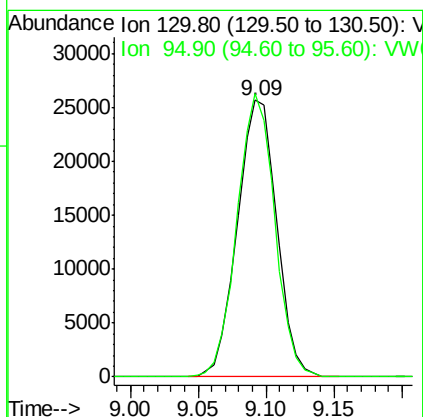
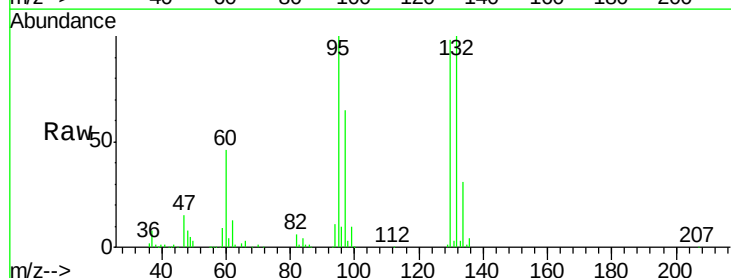
Acq: 09 May 2018 00:24

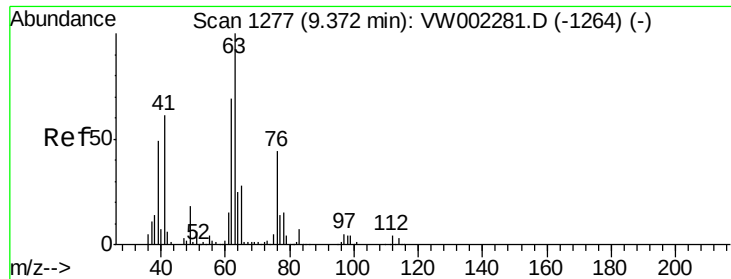
Tgt Ion: 130 Resp: 51923

Ion Ratio Lower Upper

130 100

95 102.2 0.0 193.4

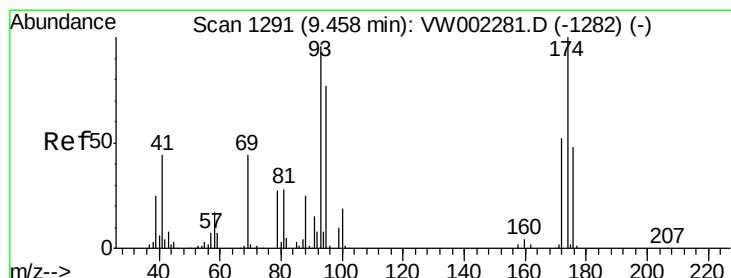
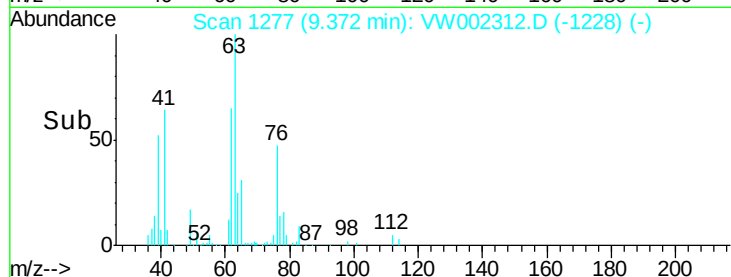
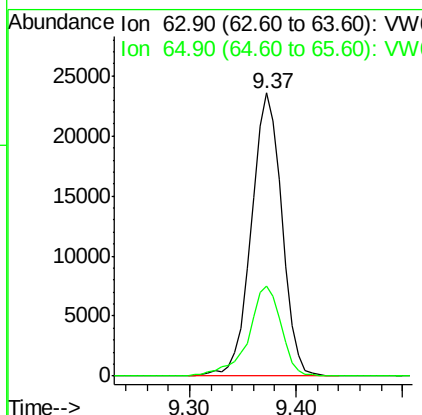
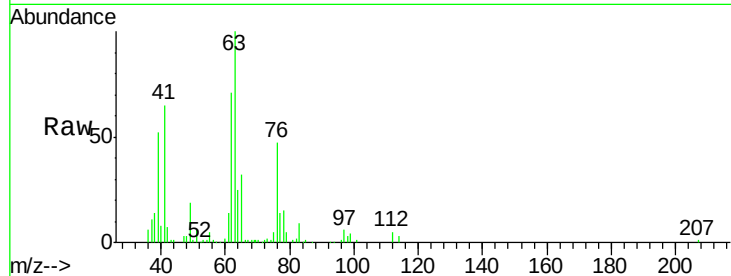




#45
 1,2-Dichloropropane
 Concen: 20.26 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

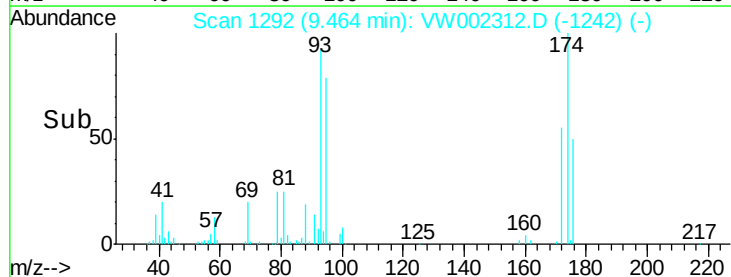
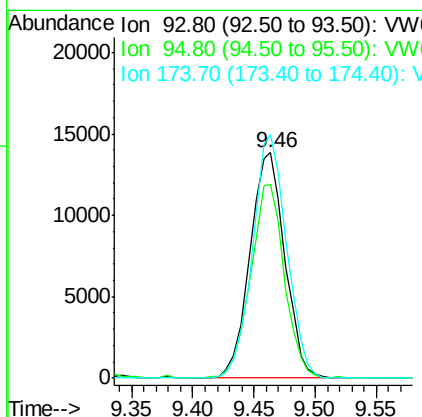
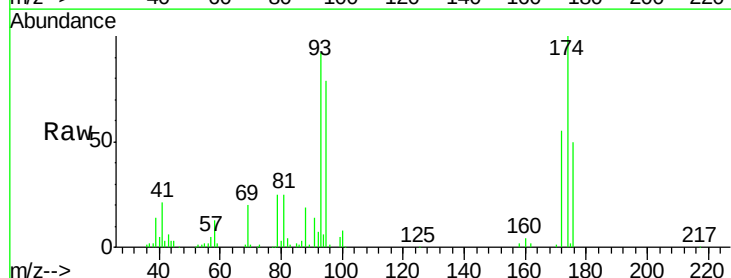
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0508SBS02

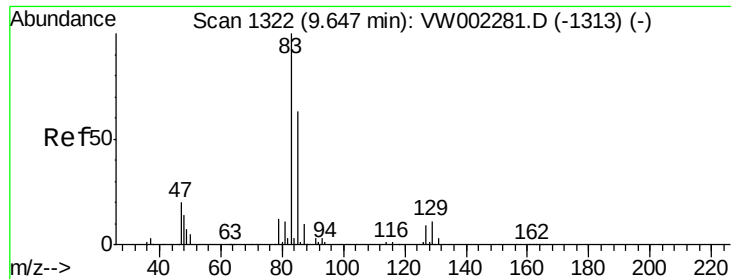
Tot Ion: 63 Resp: 47454
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.9 34.3



#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

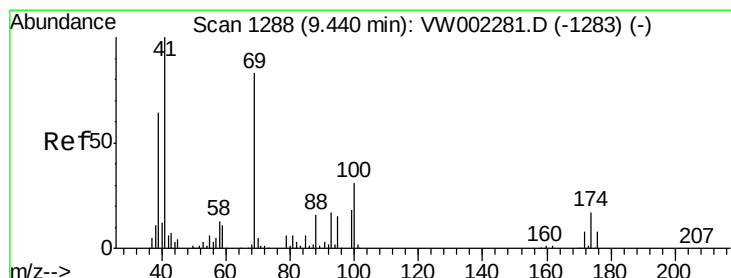
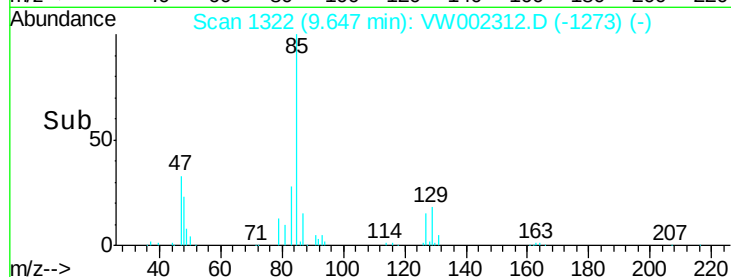
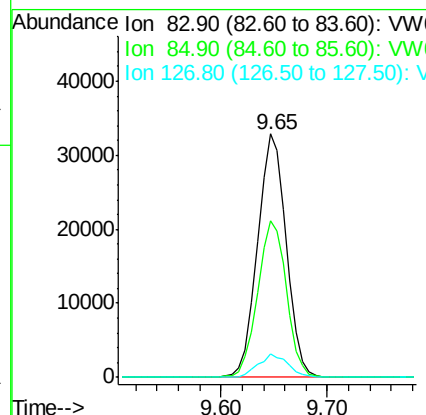
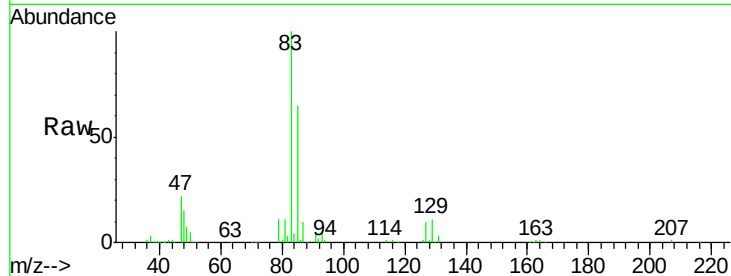




#47
Bromodichloromethane
Concen: 20.11 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

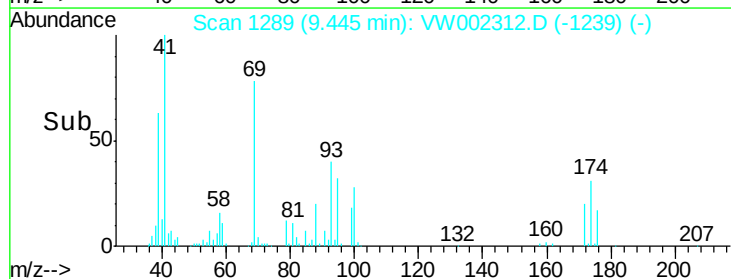
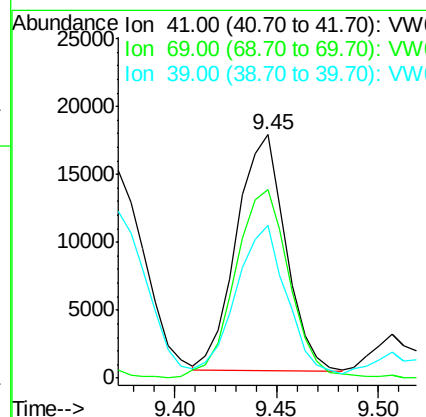
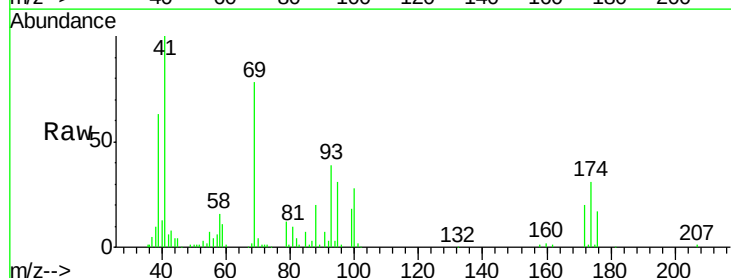
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

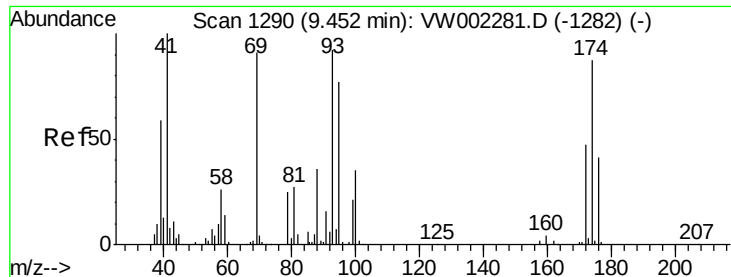
Tot Ion: 83 Resp: 62144
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.2
127 9.7 6.9 10.3



#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

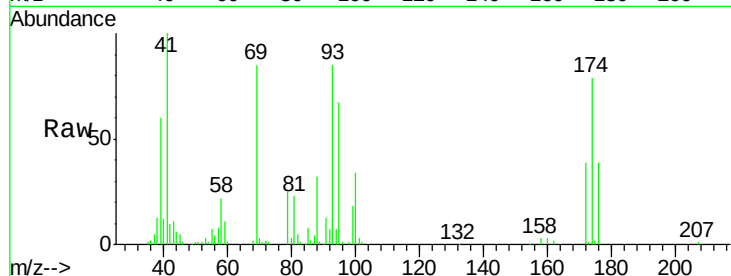
Tot Ion: 88 Resp: 8734

Ion Ratio Lower Upper

88 100

43 31.0 26.3 39.5

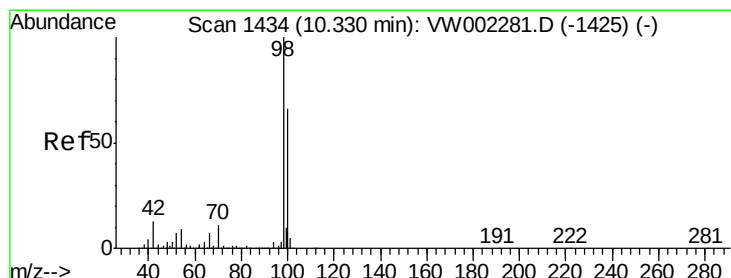
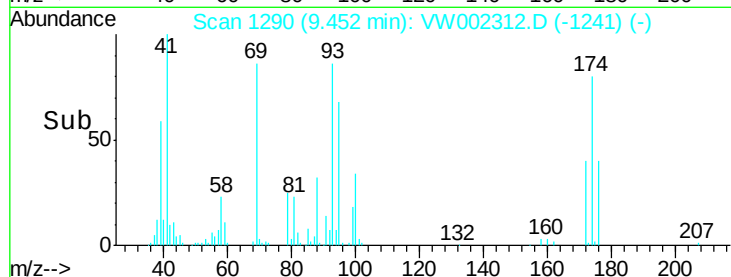
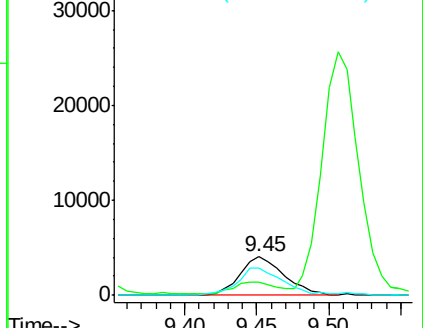
58 71.8 56.0 84.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.35 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002312.D

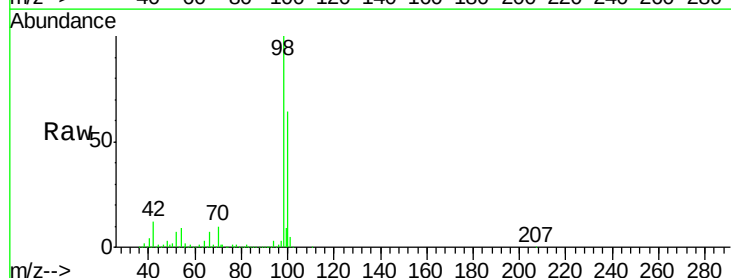
Acq: 09 May 2018 00:24

Tgt Ion: 98 Resp: 426527

Ion Ratio Lower Upper

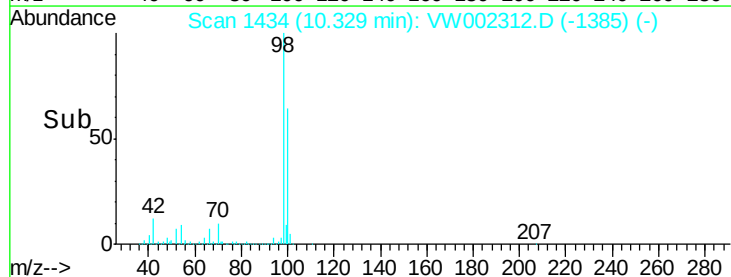
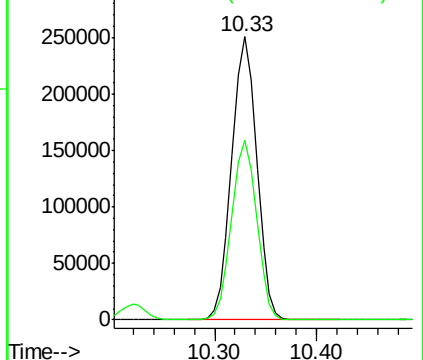
98 100

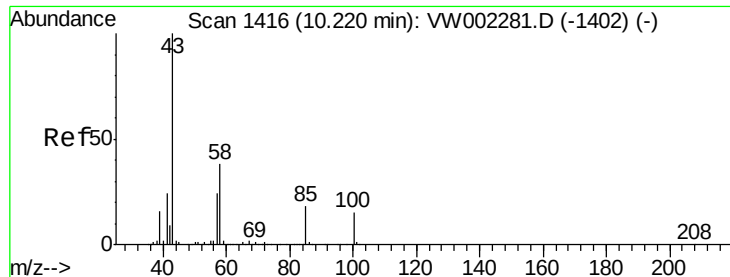
100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 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 :

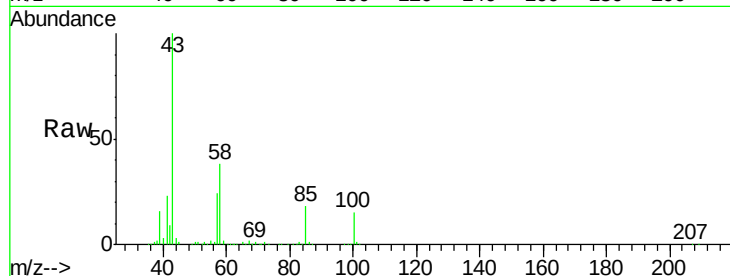
VW0508SBSD02

Tot Ion: 43 Resp: 166878

Ion Ratio Lower Upper

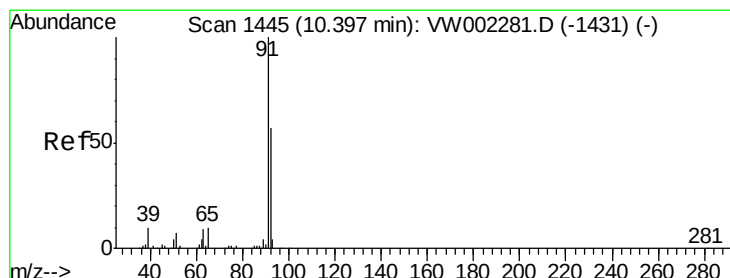
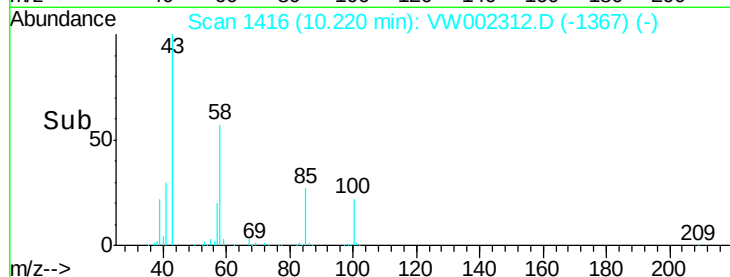
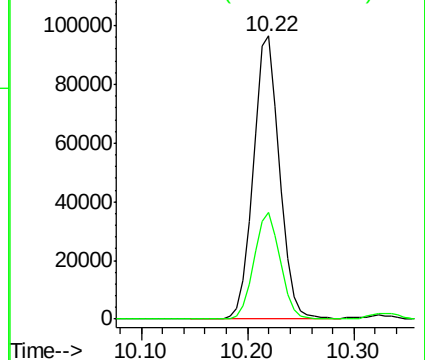
43 100

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

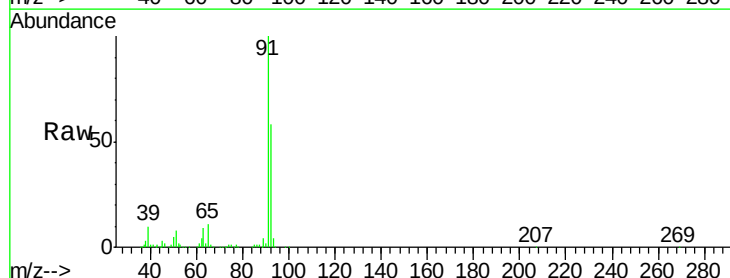
Acq: 09 May 2018 00:24

Tgt Ion: 92 Resp: 121252

Ion Ratio Lower Upper

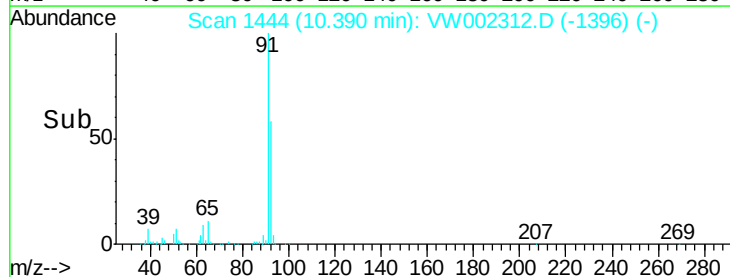
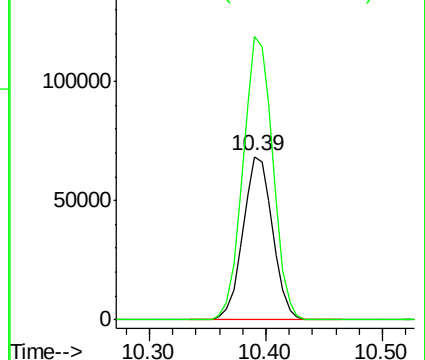
92 100

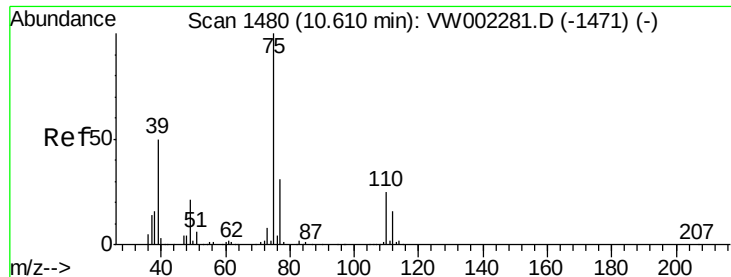
91 174.6 138.6 208.0



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 :

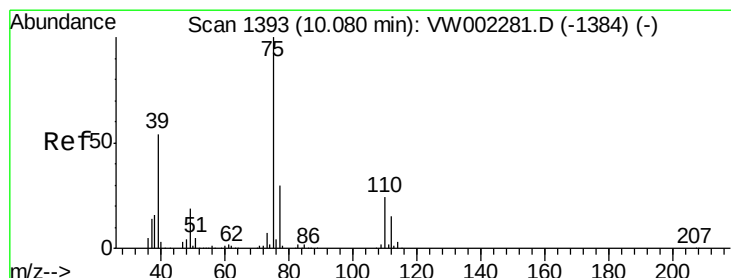
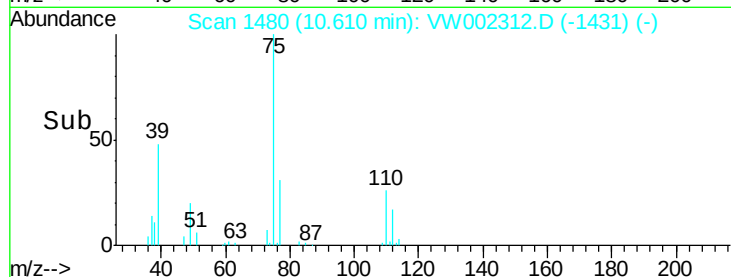
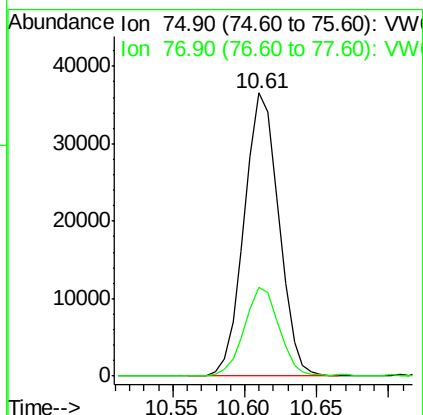
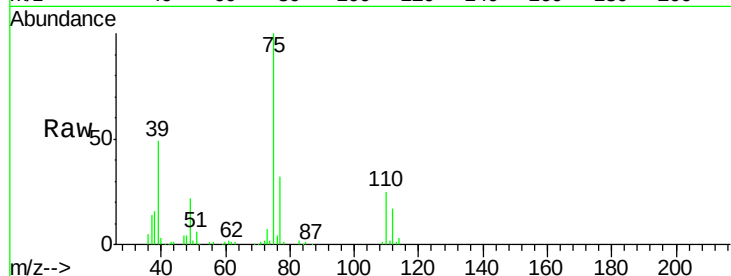
VW0508SBSD02

Tot 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

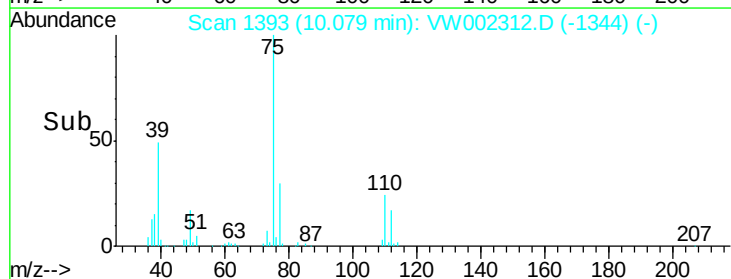
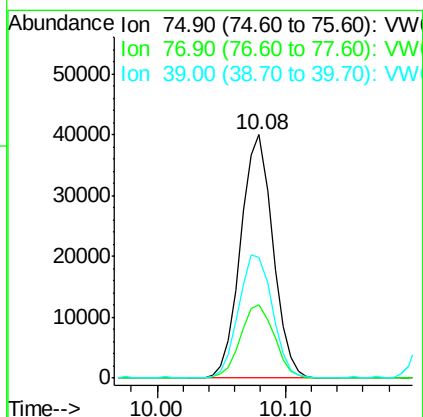
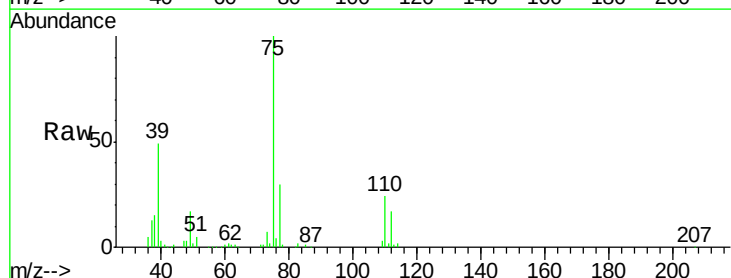
Tgt Ion: 75 Resp: 69456

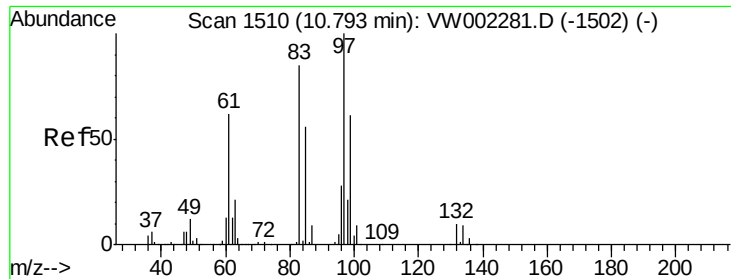
Ion Ratio Lower Upper

75 100

77 29.9 23.9 35.9

39 49.5 43.2 64.8

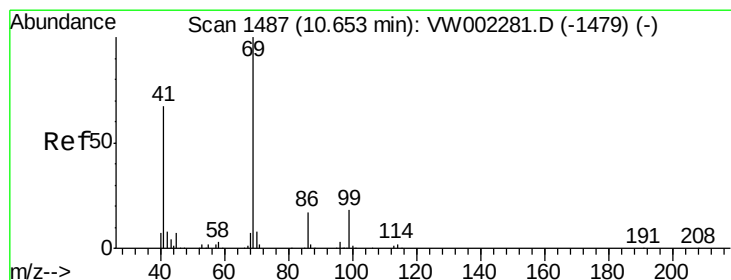
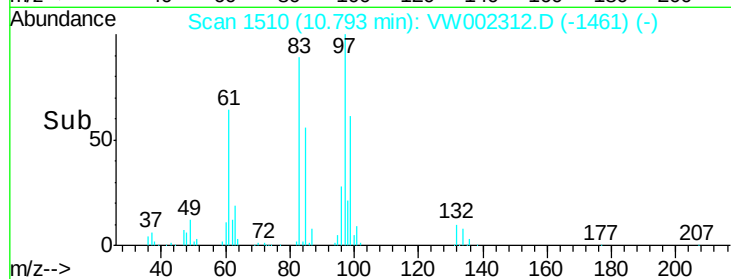
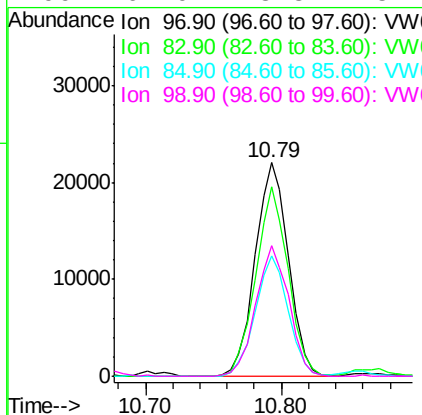
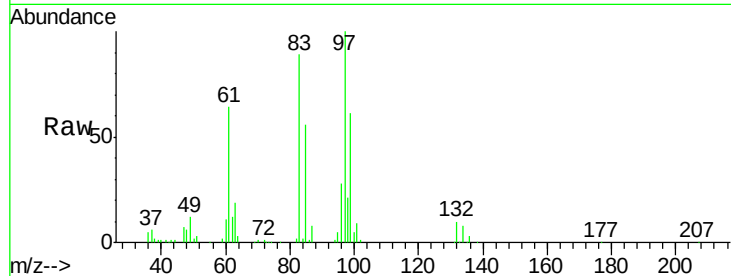




#55
 1,1,2-Trichloroethane
 Concen: 20.56 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

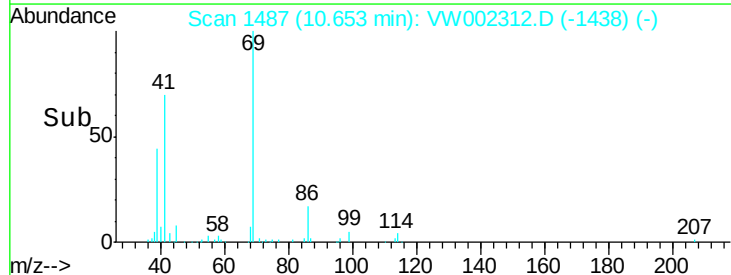
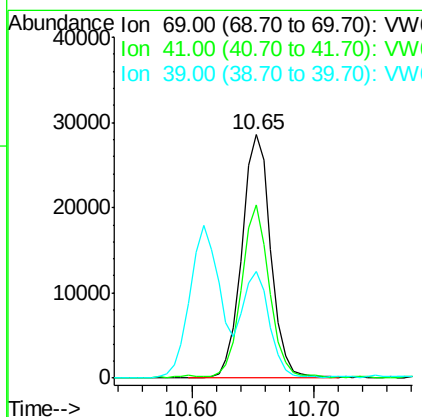
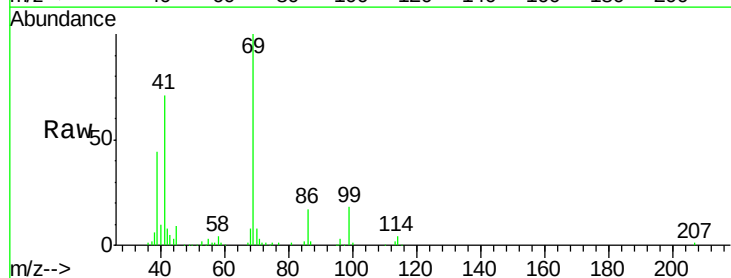
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

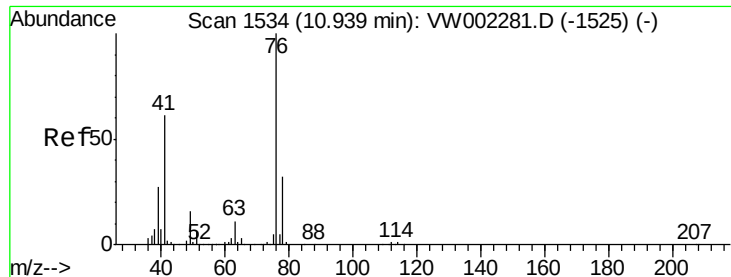
Tot Ion:	97	Resp:	37903
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.4	102.6
85	56.3	44.6	67.0
99	61.0	48.8	73.2



#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

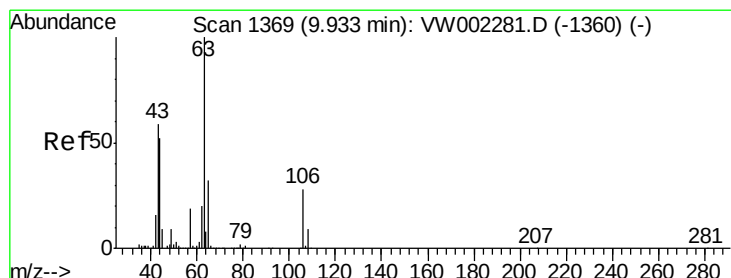
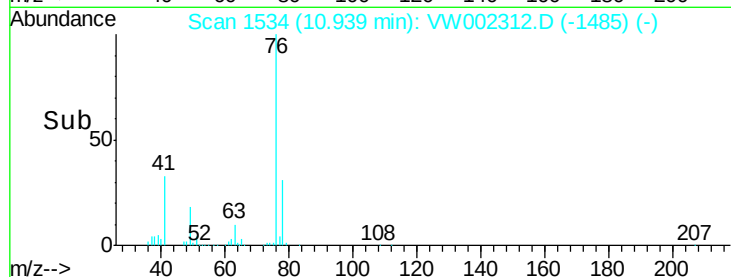
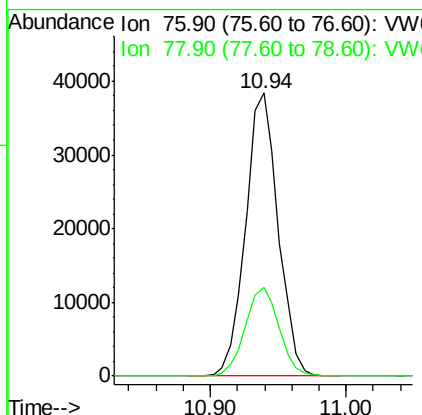
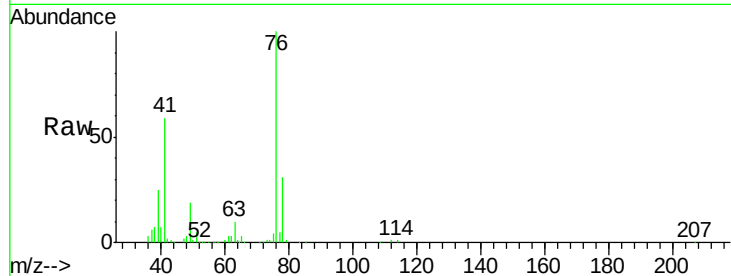




#57
 1,3-Dichloropropane
 Concen: 20.53 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

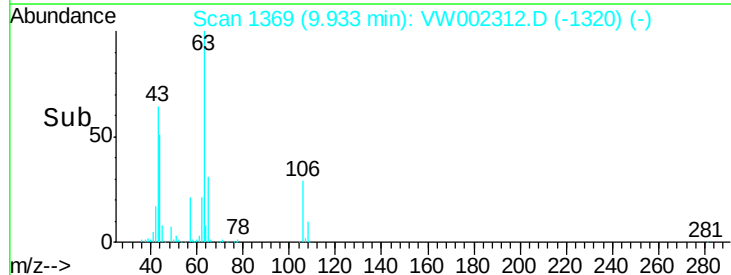
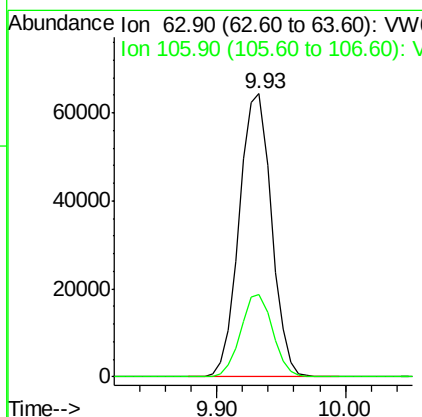
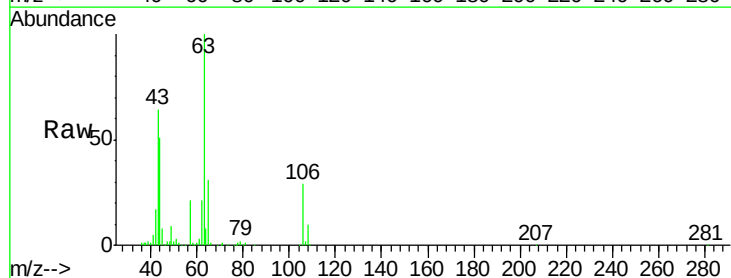
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

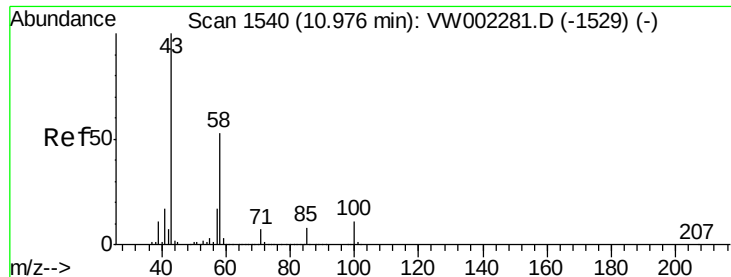
Tot Ion: 76 Resp: 64334
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#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

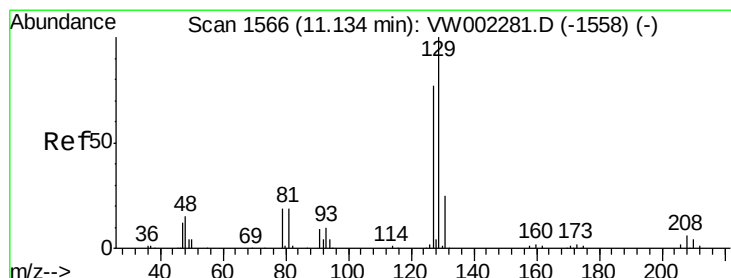
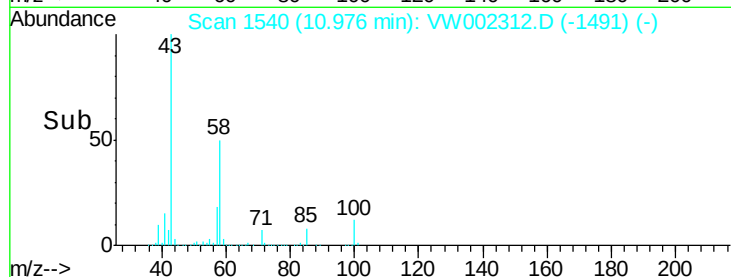
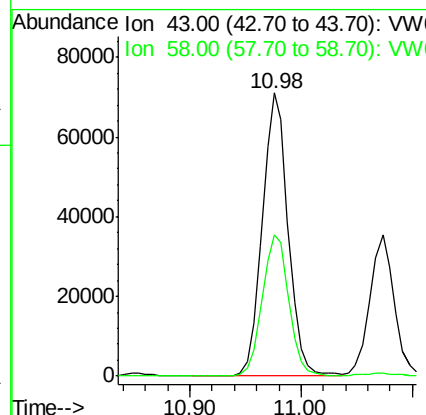
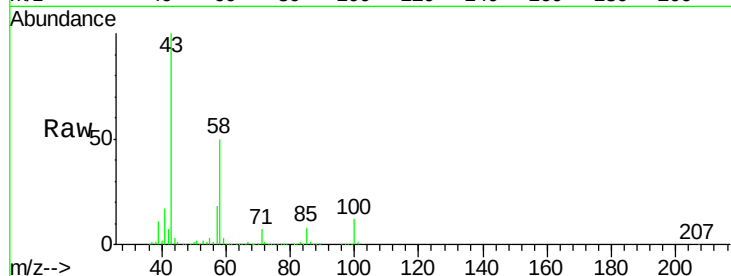




#59
2-Hexanone
Concen: 103.00 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

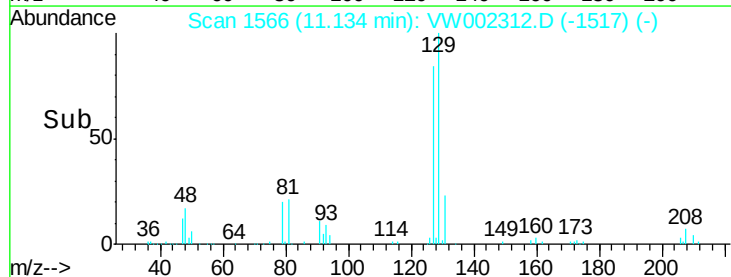
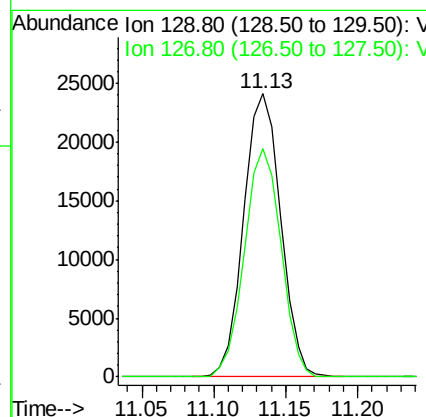
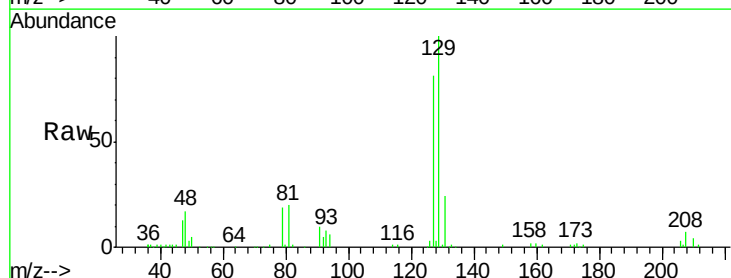
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

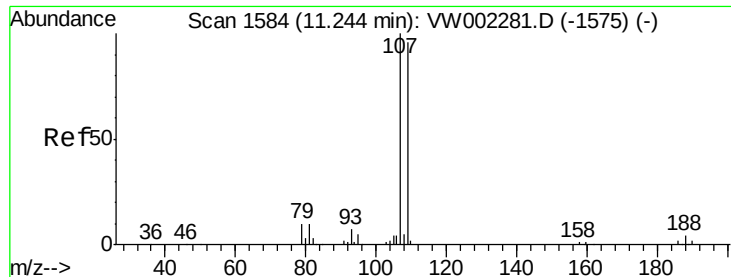
Tot Ion: 43 Resp: 114910
Ion Ratio Lower Upper
43 100
58 51.2 26.0 78.0



#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 :

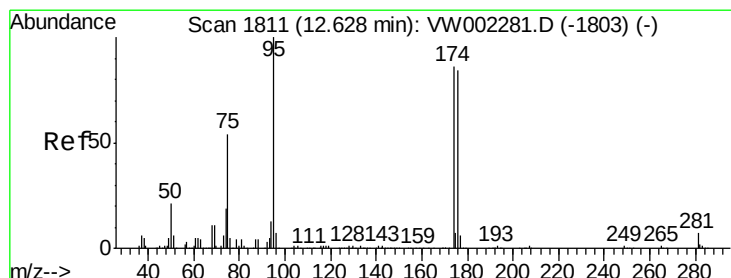
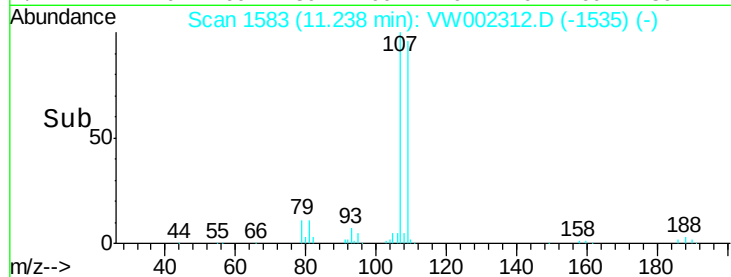
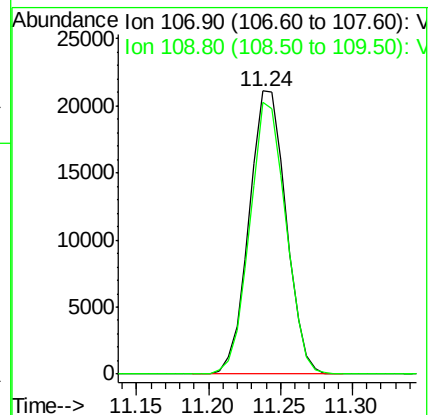
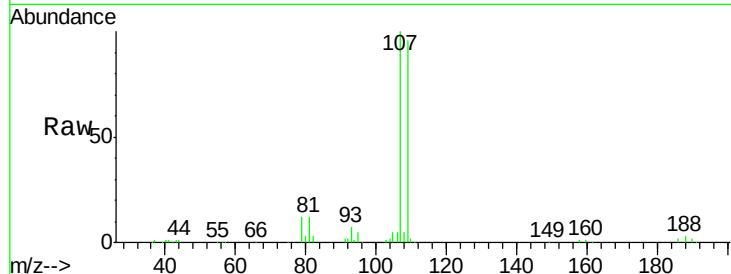
VW0508SBS02

Tot Ion:107 Resp: 37413

Ion Ratio Lower Upper

107 100

109 93.8 75.9 113.9



#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

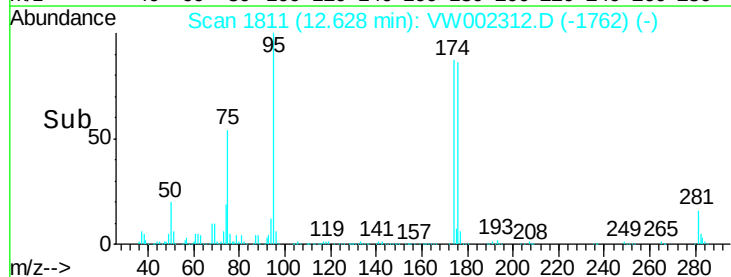
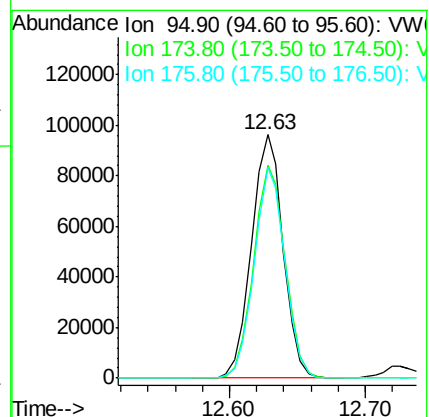
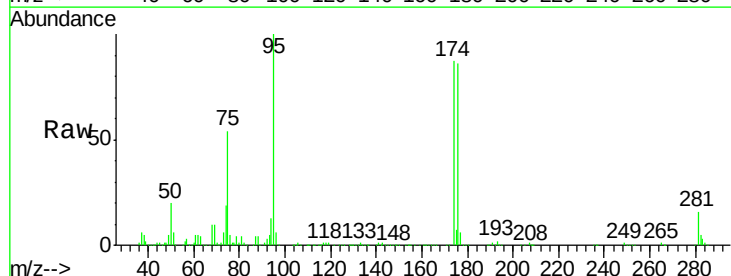
Tgt Ion: 95 Resp: 155878

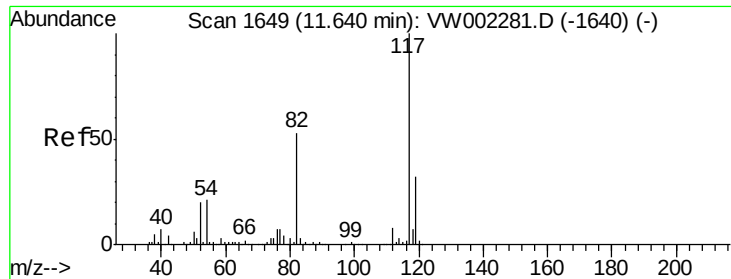
Ion Ratio Lower Upper

95 100

174 87.6 0.0 176.8

176 84.5 0.0 170.4

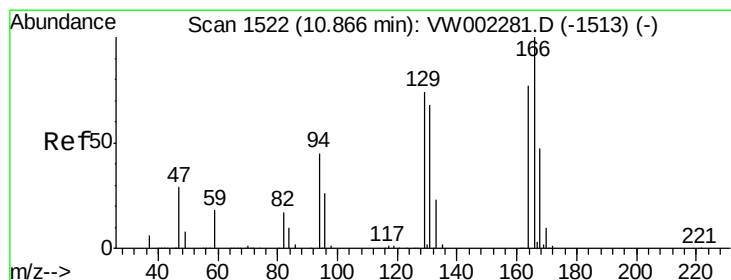
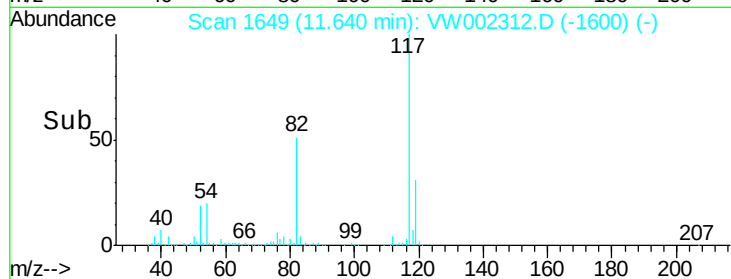
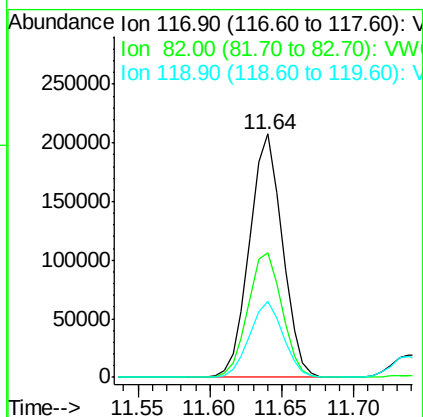
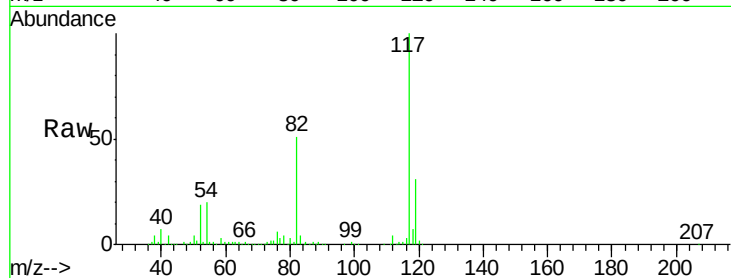




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

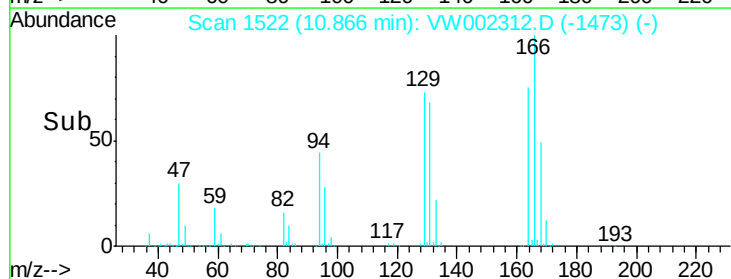
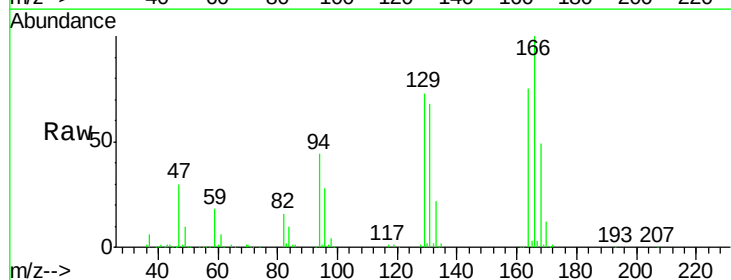
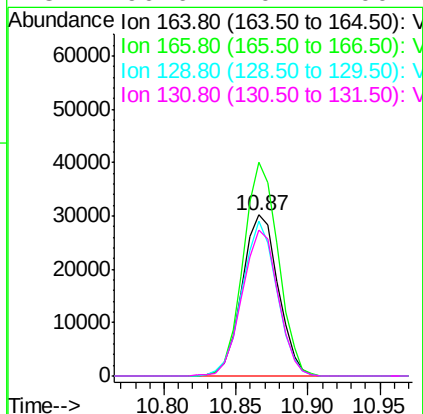
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

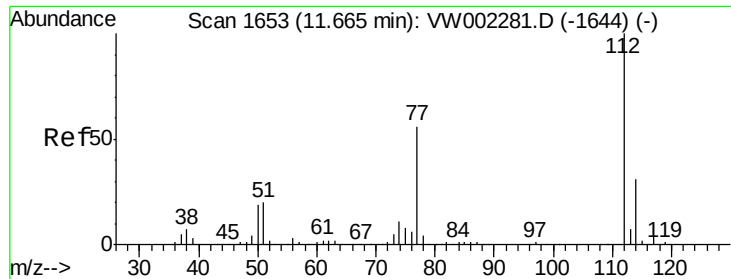
Tot Ion:117 Resp: 328824
Ion Ratio Lower Upper
117 100
82 51.3 42.6 63.8
119 31.3 25.2 37.8



#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 :

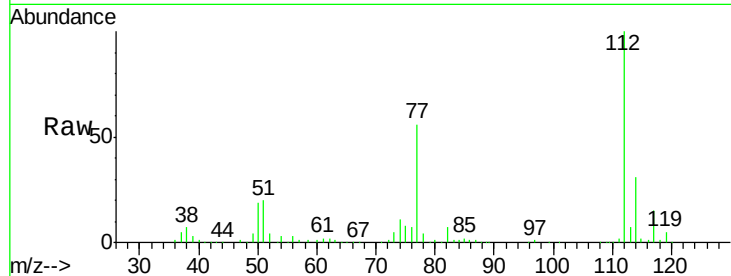
VW0508SBS02

Tot Ion:112 Resp: 138982

Ion Ratio Lower Upper

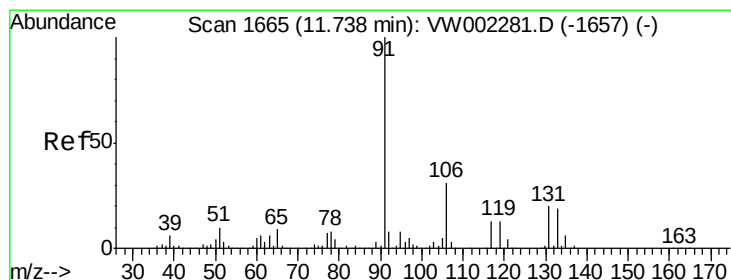
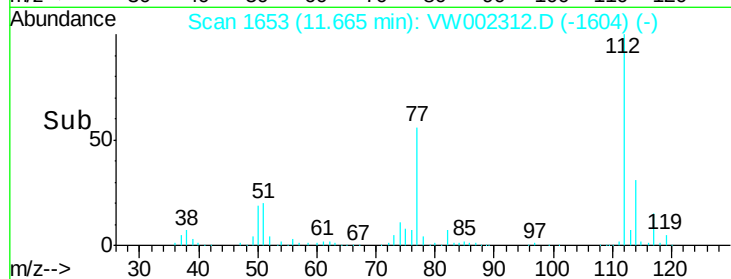
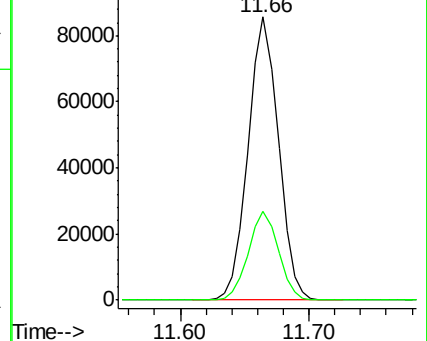
112 100

114 31.4 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#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

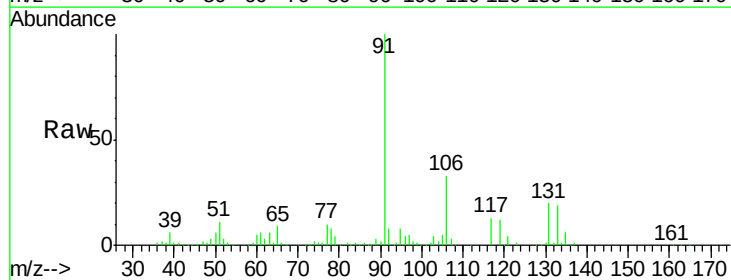
Tgt Ion:131 Resp: 47843

Ion Ratio Lower Upper

131 100

133 95.8 47.8 143.3

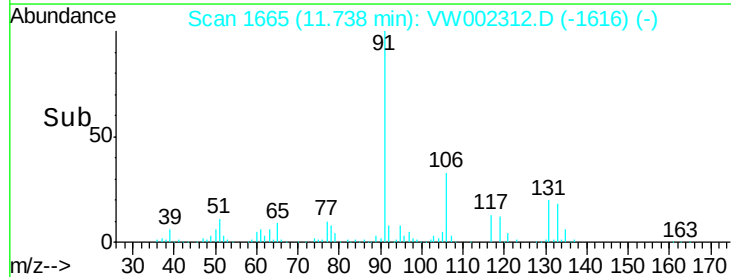
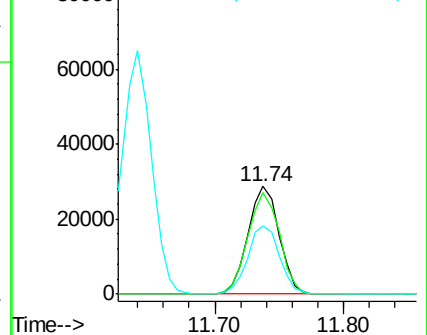
119 64.7 32.0 96.0

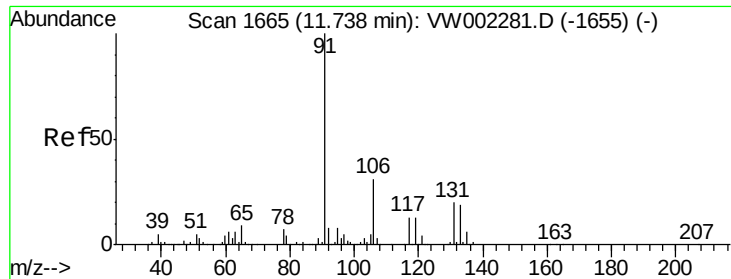


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

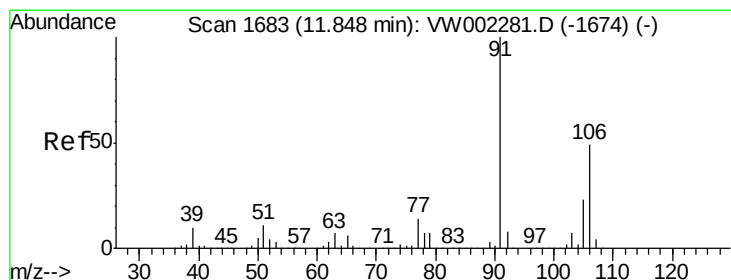
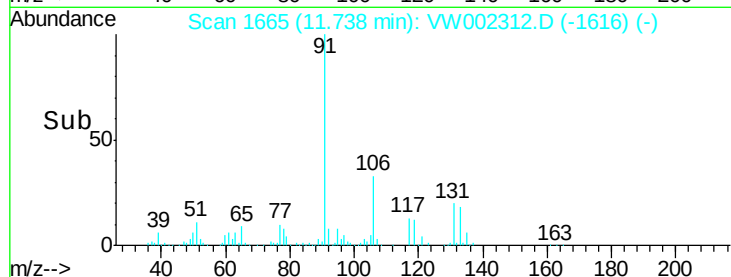
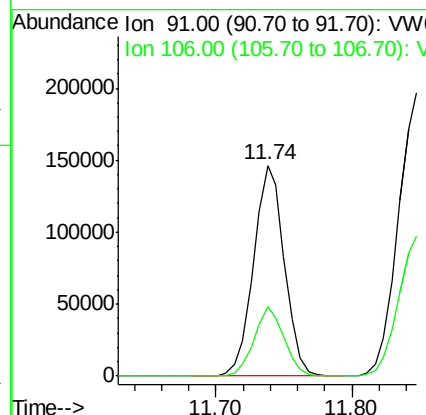
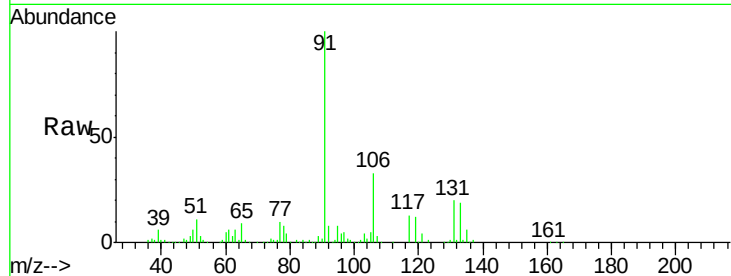




#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

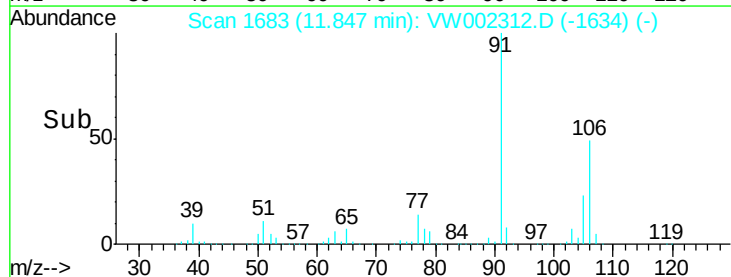
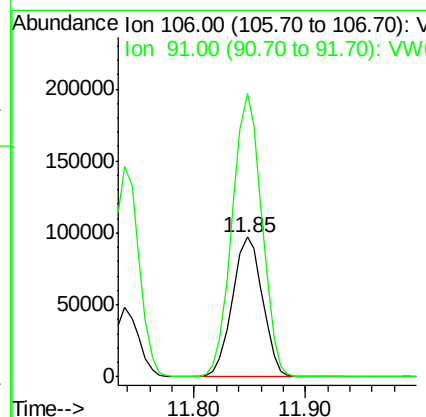
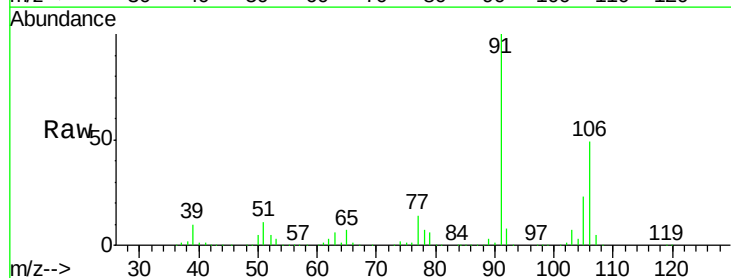
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

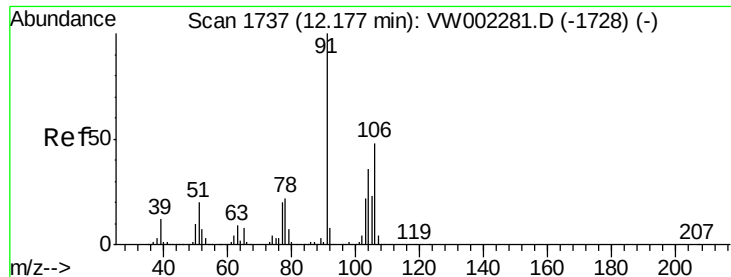
Tot Ion: 91 Resp: 231827
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3



#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

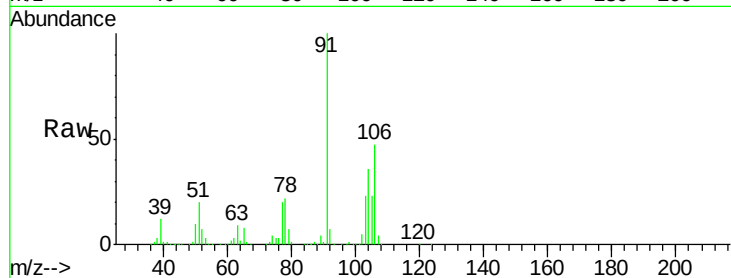




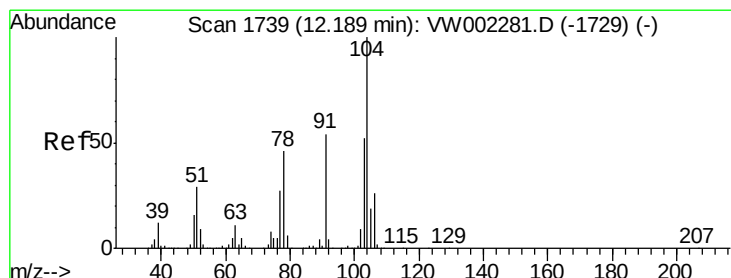
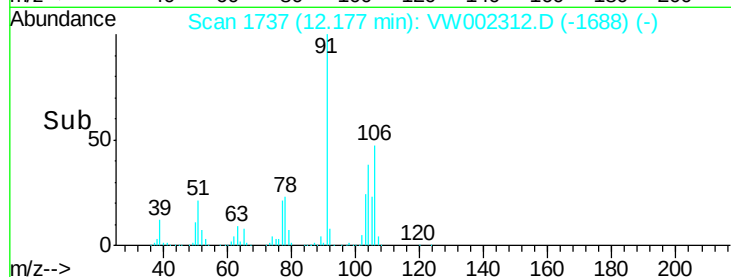
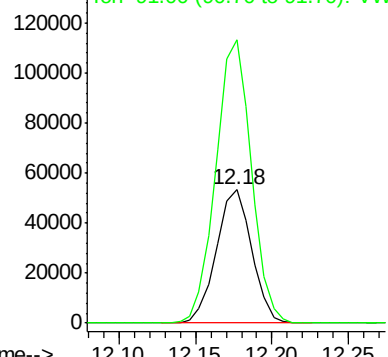
#69
o-Xylene
Concen: 20.28 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

Instrument :
MSVOA_W
ClientSampleId :
VW0508SBSD02

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

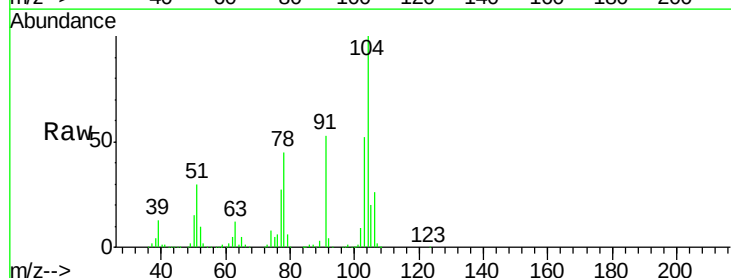


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

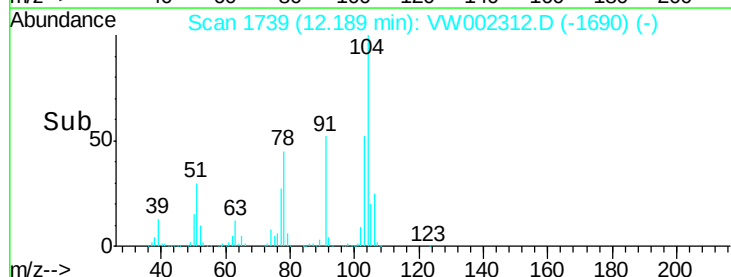
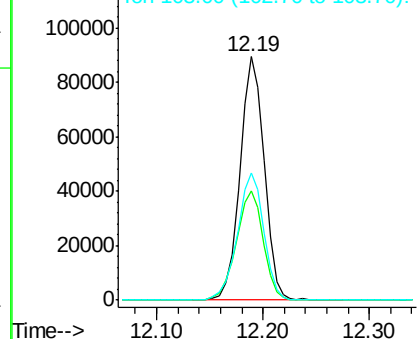


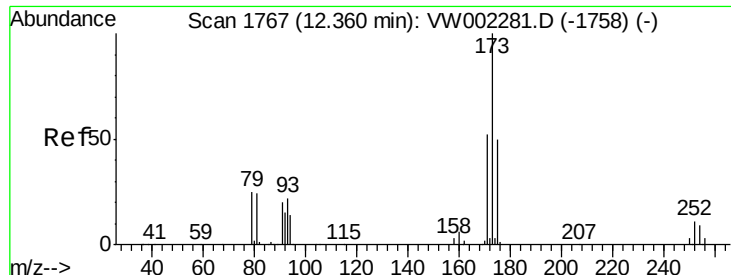
#70
Styrene
Concen: 20.28 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002312.D
Acq: 09 May 2018 00:24

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



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#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

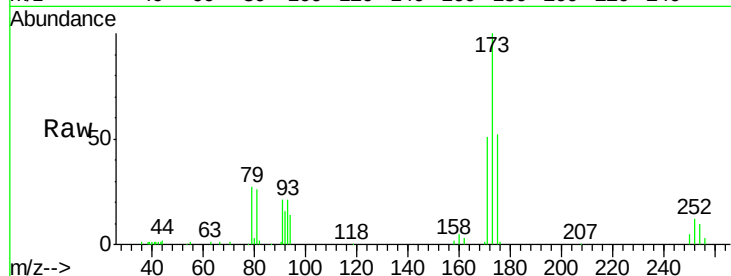
Tot Ion:173 Resp: 27445

Ion Ratio Lower Upper

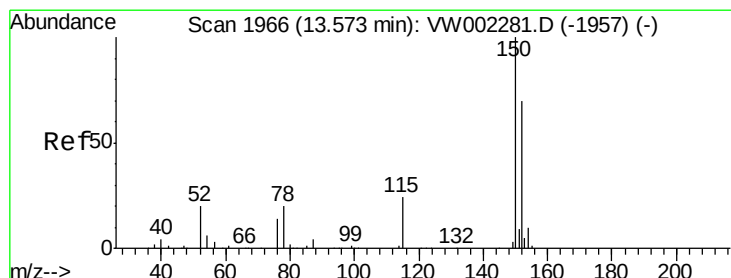
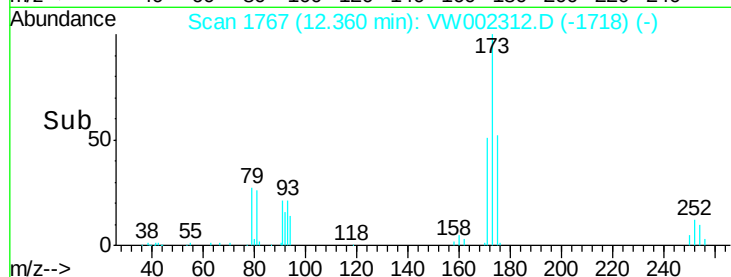
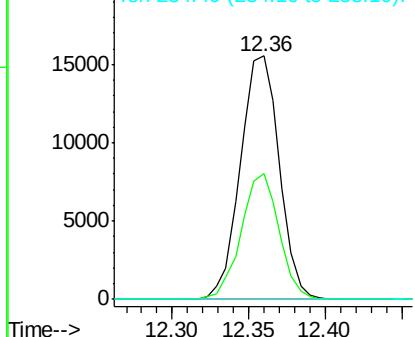
173 100

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

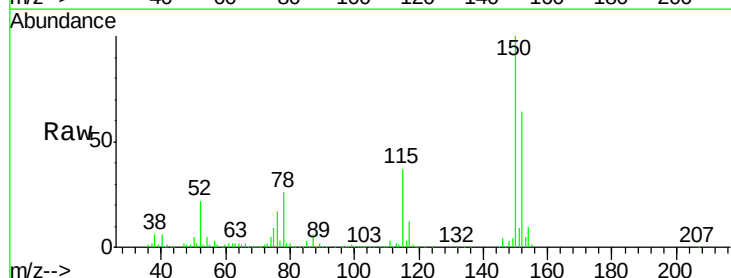
Tgt Ion:152 Resp: 176720

Ion Ratio Lower Upper

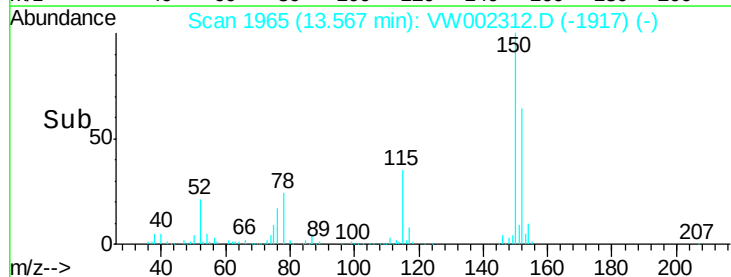
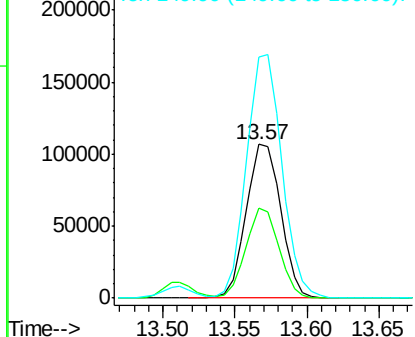
152 100

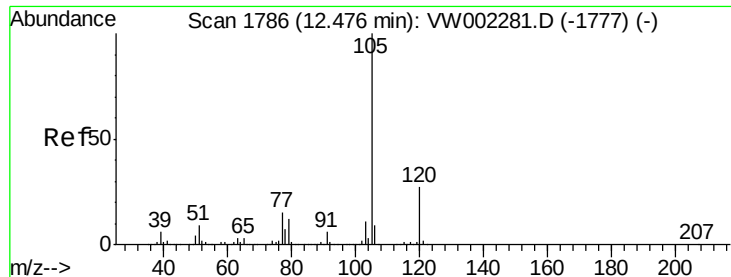
115 56.3 28.5 85.5

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 :

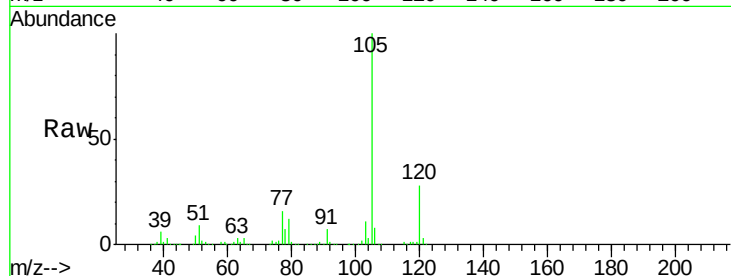
VW0508SBSD02

Tot Ion:105 Resp: 235356

Ion Ratio Lower Upper

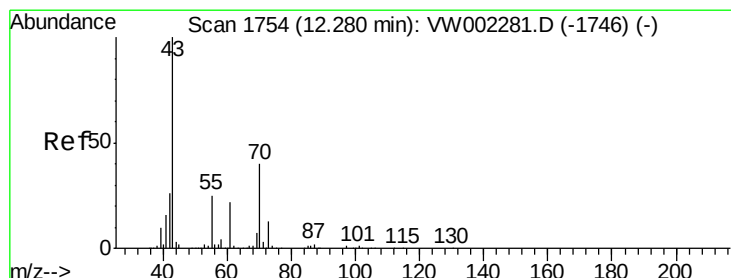
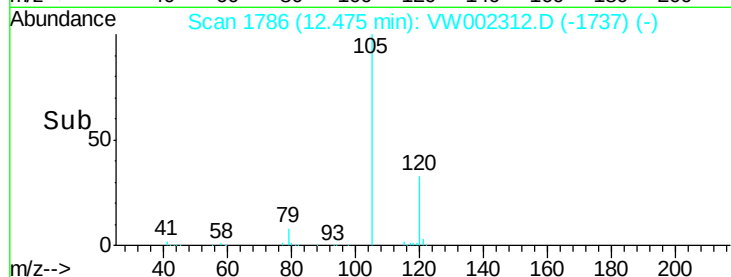
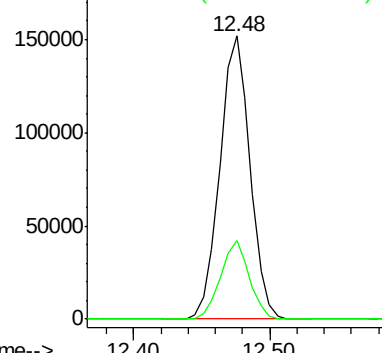
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

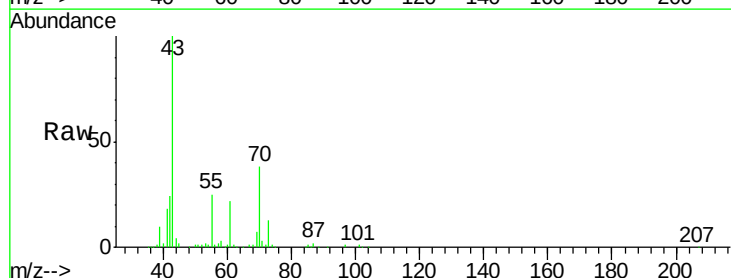
Ion Ratio Lower Upper

43 100

70 41.1 31.9 47.9

55 26.2 19.9 29.9

61 22.8 18.2 27.2

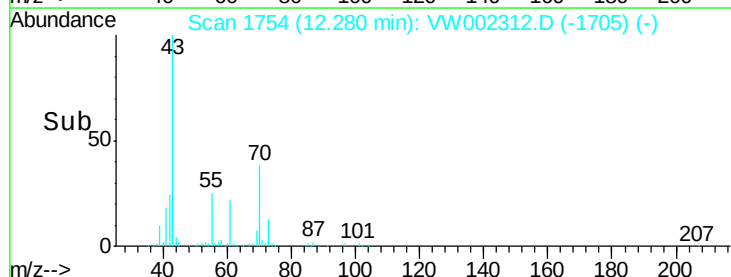
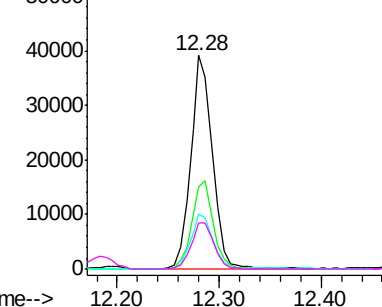


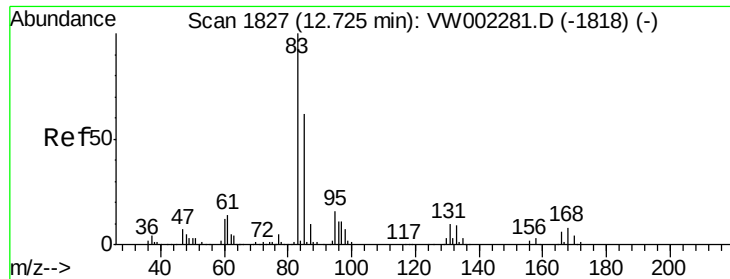
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 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

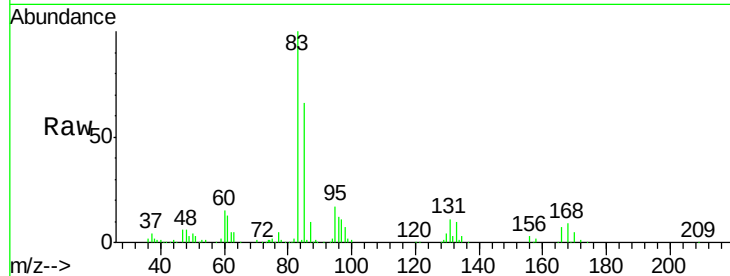
Tot Ion: 83 Resp: 45864

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

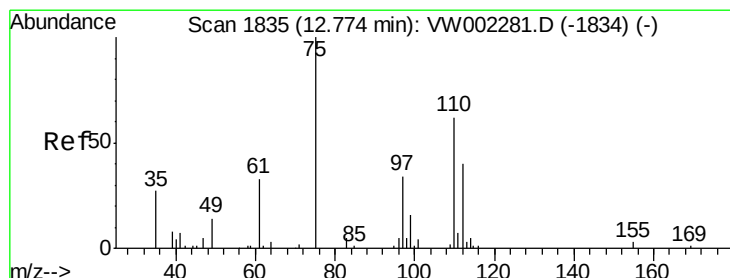
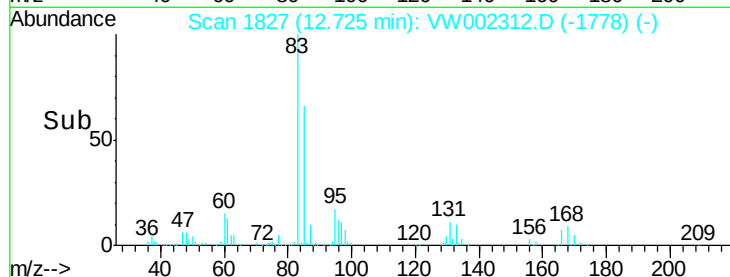
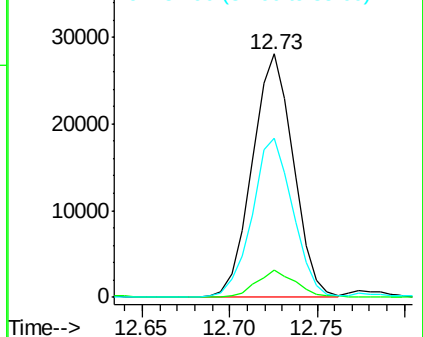
85 64.9 31.5 94.5



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: 21.76 ug/l m

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002312.D

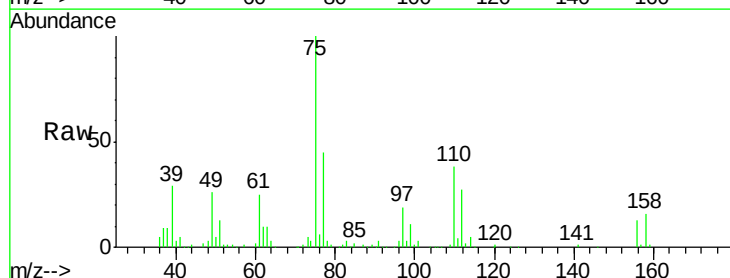
Acq: 09 May 2018 00:24

Tgt Ion: 75 Resp: 34097

Ion Ratio Lower Upper

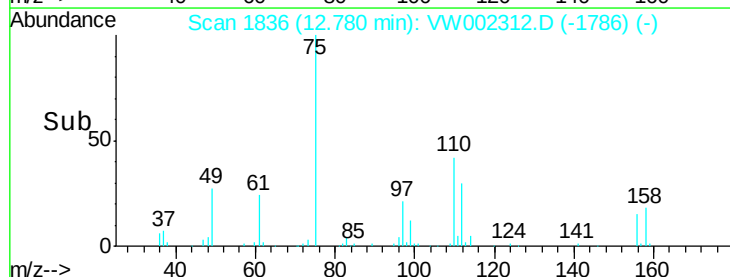
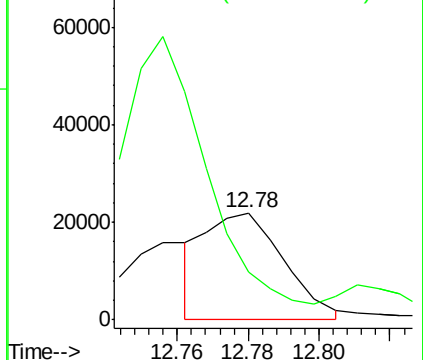
75 100

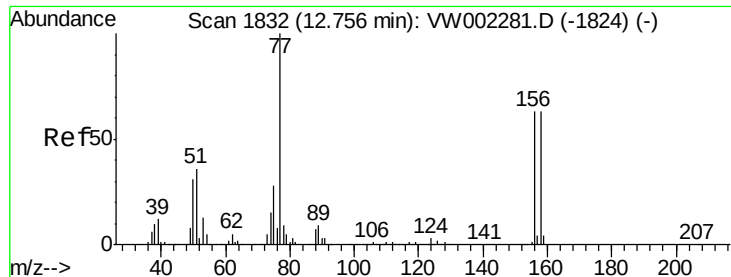
77 0.0 187.5 562.6#



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 :

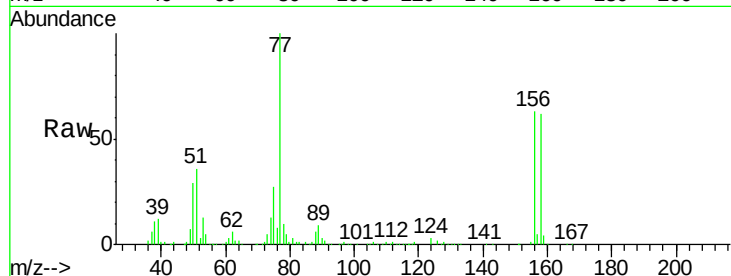
MSVOA_W

ClientSampleId :

VW0508SBSD02

Tot Ion:156 Resp: 60655

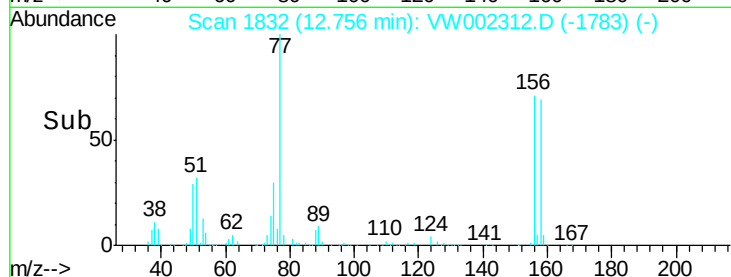
Ion	Ratio	Lower	Upper
156	100		
77	172.2	87.7	263.1
158	95.9	48.6	145.8



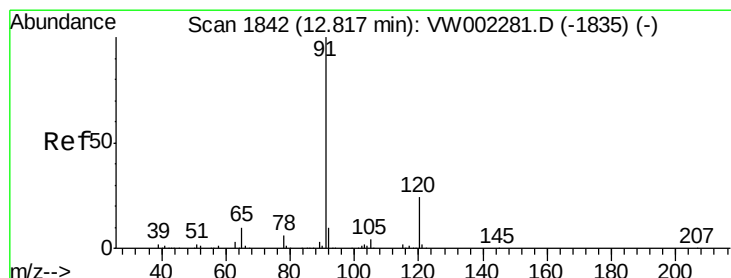
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.81 ug/l

RT: 12.82 min Scan# 1842

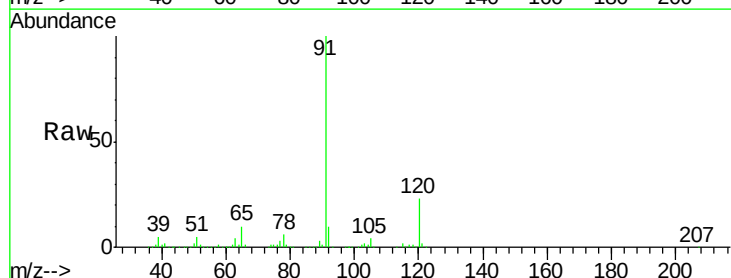
Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

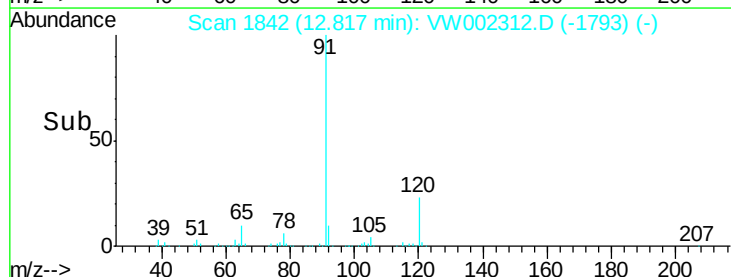
Tgt Ion: 91 Resp: 283172

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5

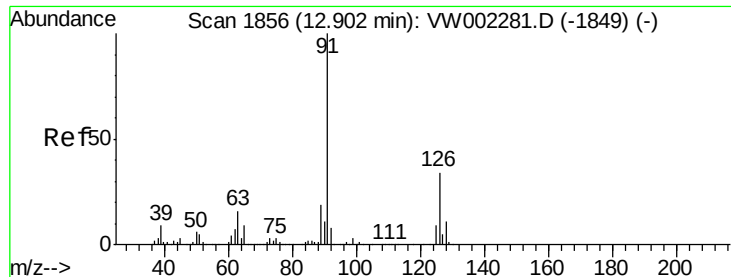


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



Time-->



#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 :

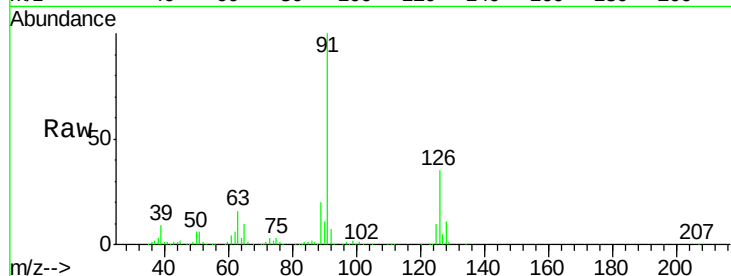
VW0508SBSD02

Tot Ion: 91 Resp: 159960

Ion Ratio Lower Upper

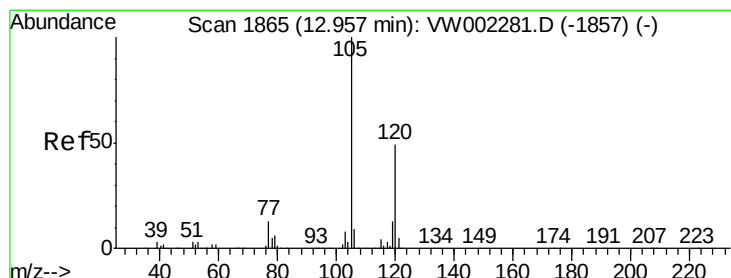
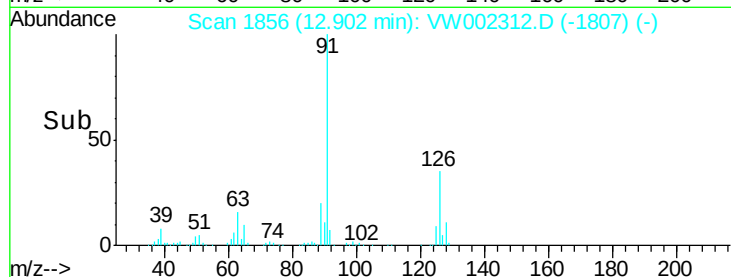
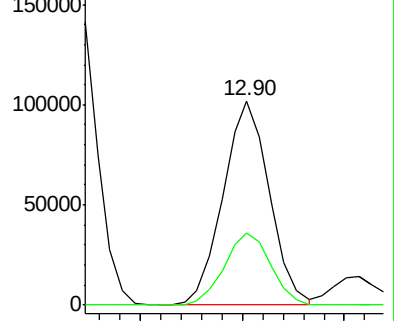
91 100

126 35.9 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.71 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002312.D

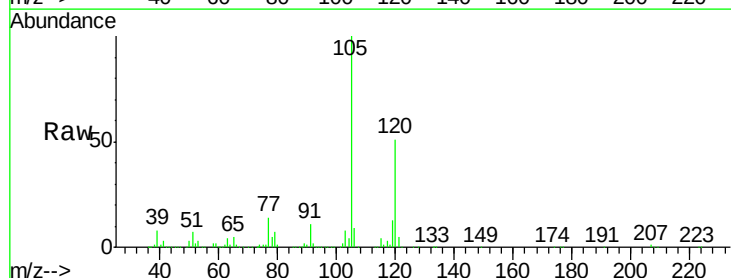
Acq: 09 May 2018 00:24

Tgt Ion:105 Resp: 199969

Ion Ratio Lower Upper

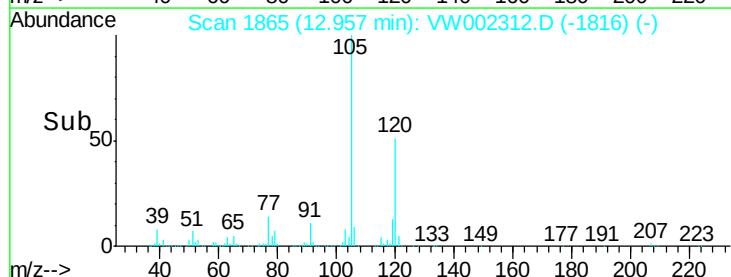
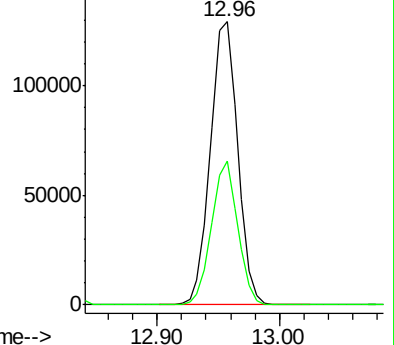
105 100

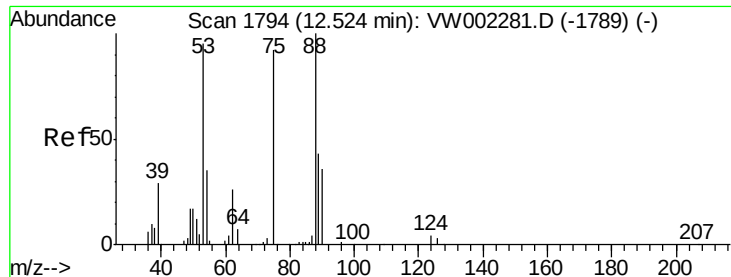
120 48.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.67 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

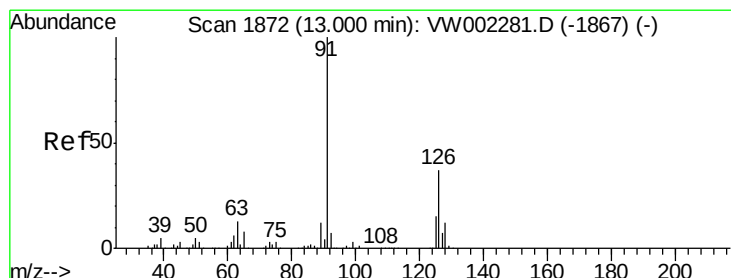
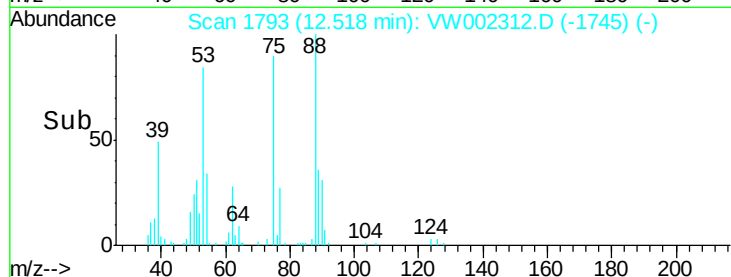
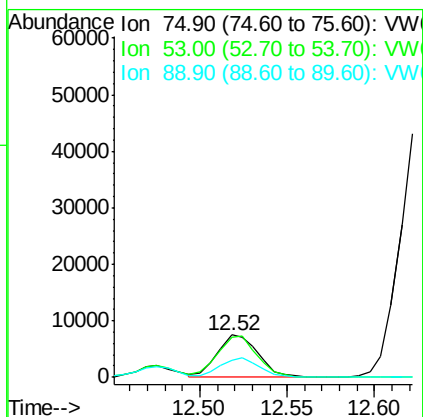
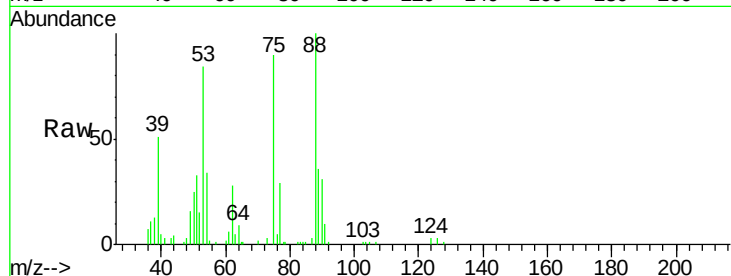
Tot Ion: 75 Resp: 12300

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

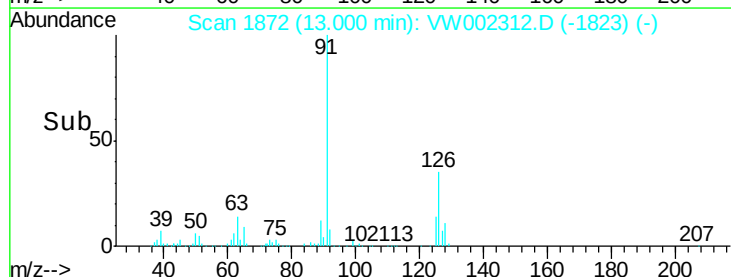
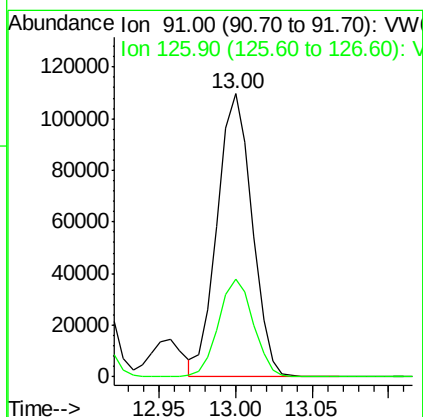
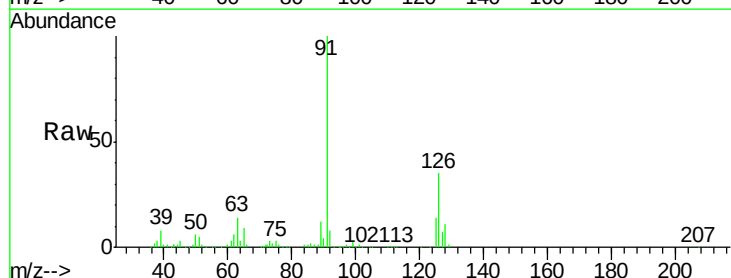
Acq: 09 May 2018 00:24

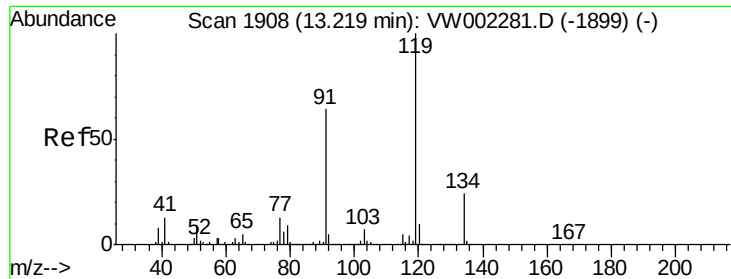
Tgt Ion: 91 Resp: 173504

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.3

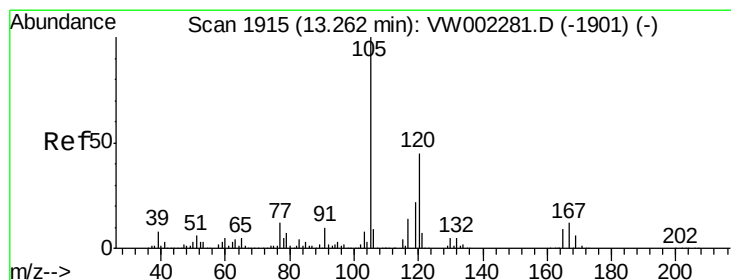
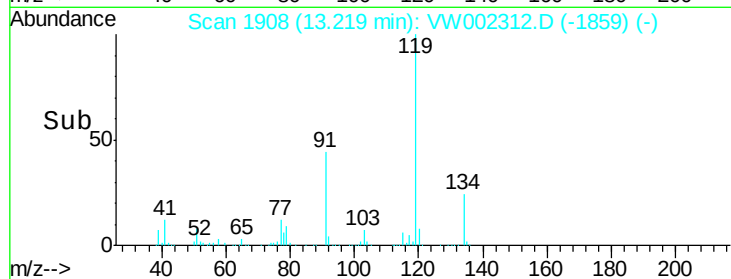
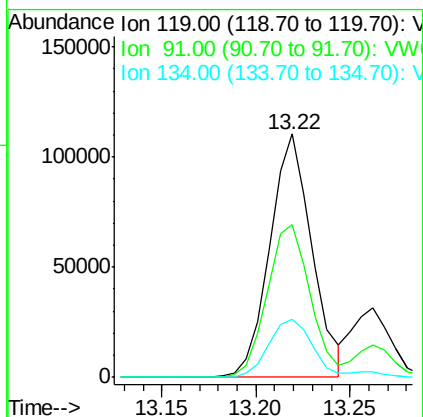
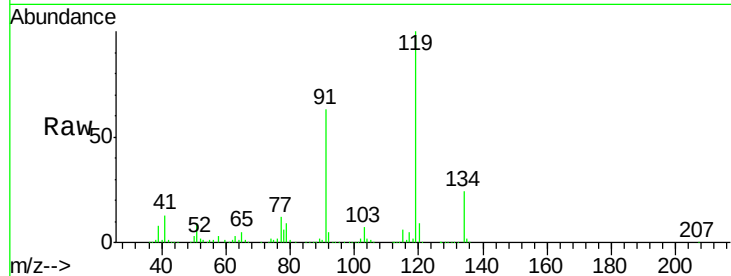




#83
 tert-Butylbenzene
 Concen: 20.55 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

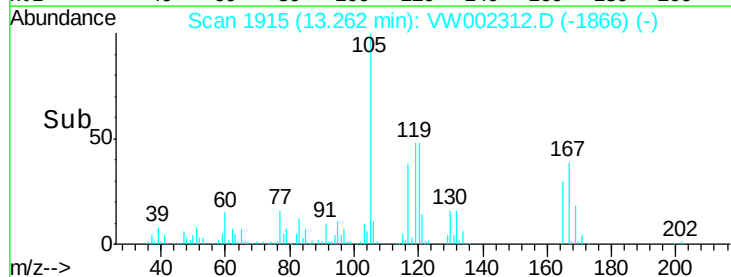
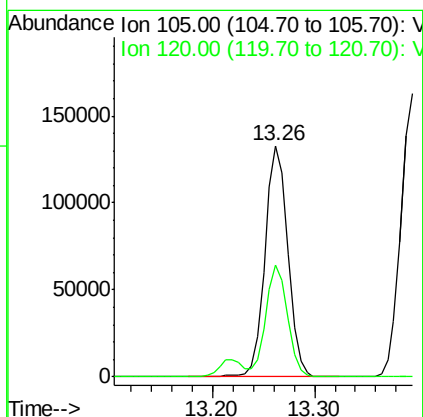
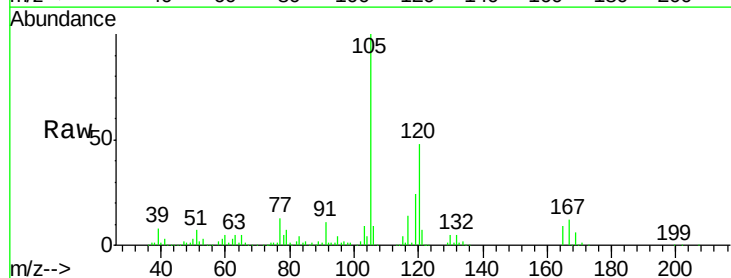
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

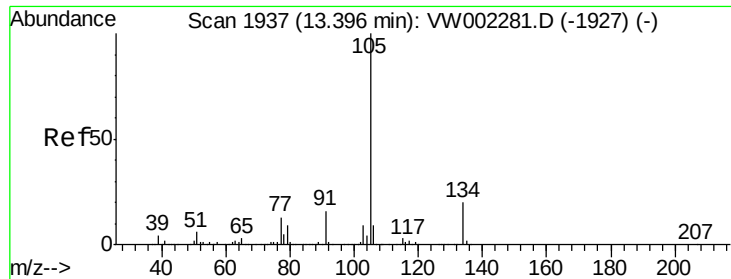
Tot Ion:119 Resp: 170879
 Ion Ratio Lower Upper
 119 100
 91 64.1 31.6 94.8
 134 24.9 13.1 39.3



#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

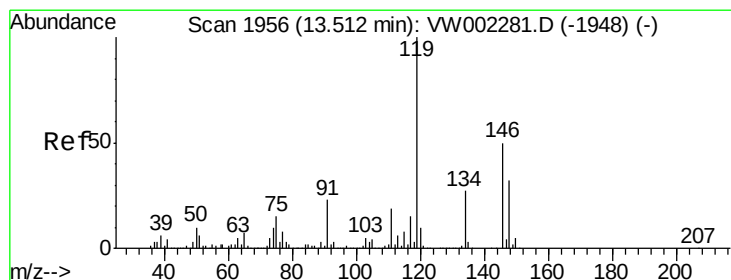
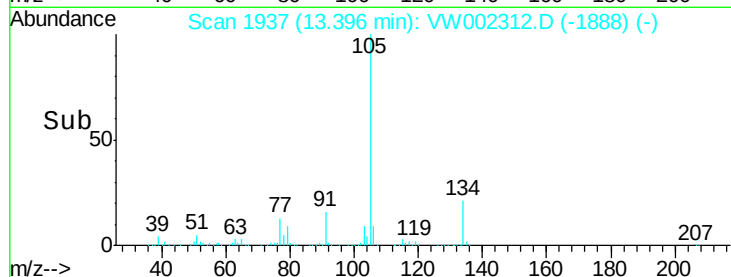
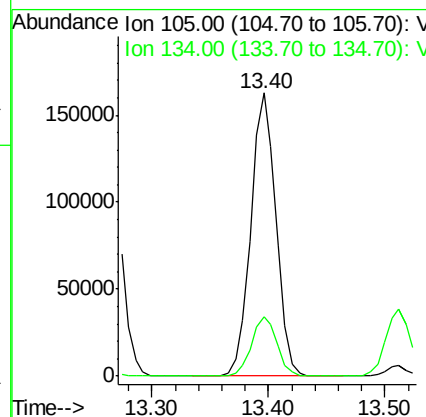
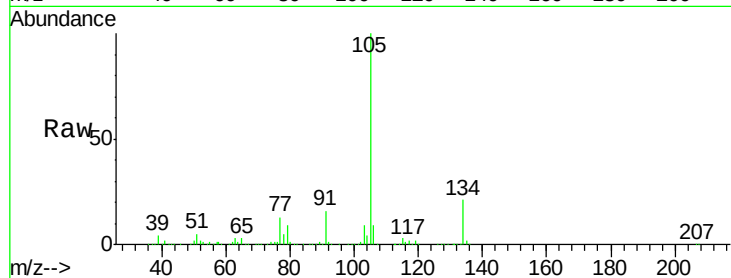




#85
 sec-Butylbenzene
 Concen: 20.63 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

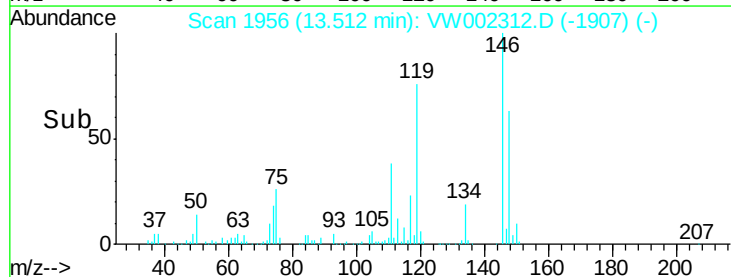
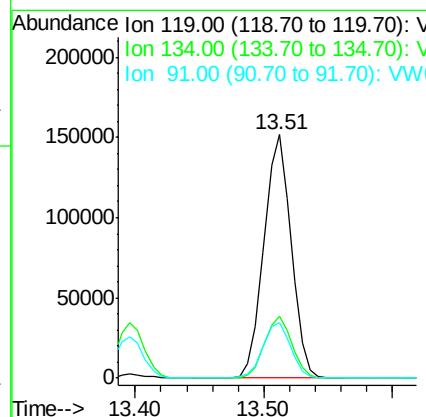
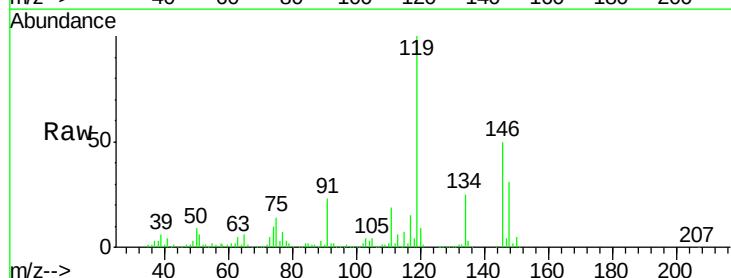
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

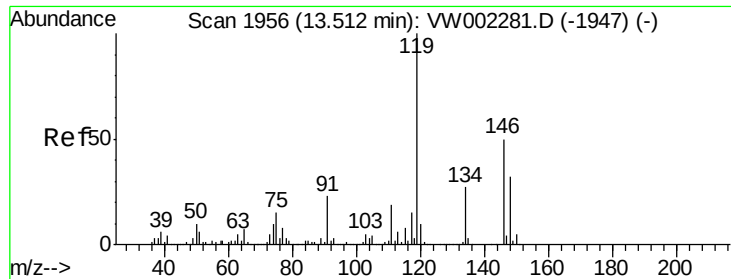
Tot Ion:105 Resp: 244831
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#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

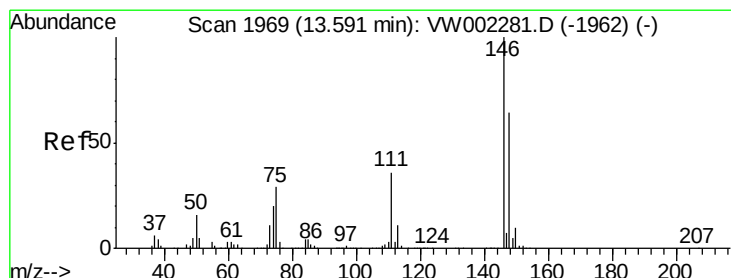
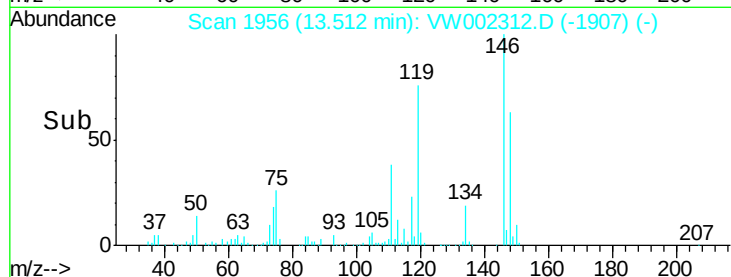
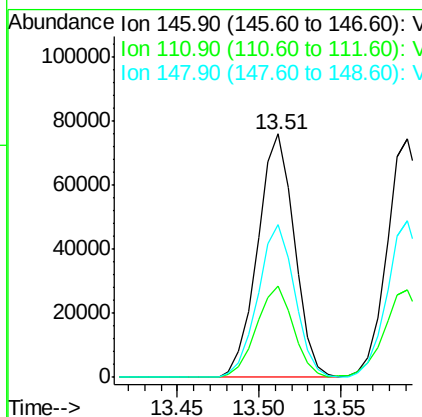
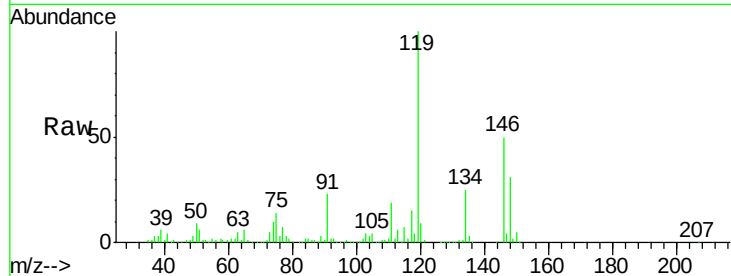




#87
 1,3-Dichlorobenzene
 Concen: 20.83 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

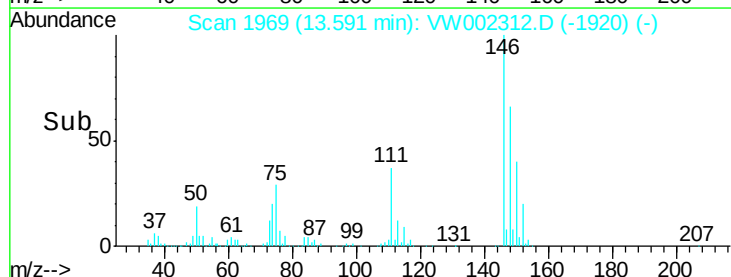
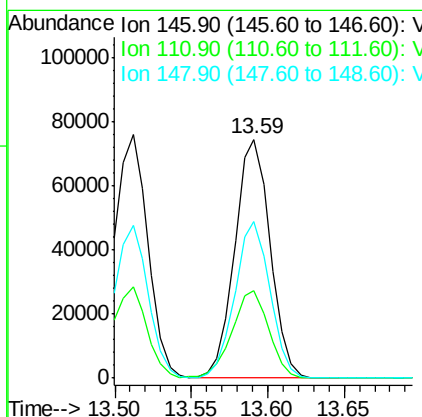
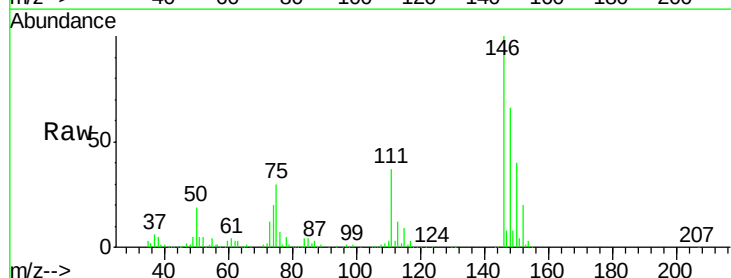
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

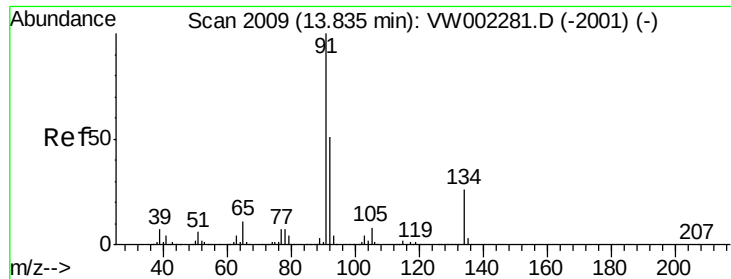
Tot Ion:146 Resp: 119308
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 62.7 31.6 95.0



#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 :

VW0508SBSD02

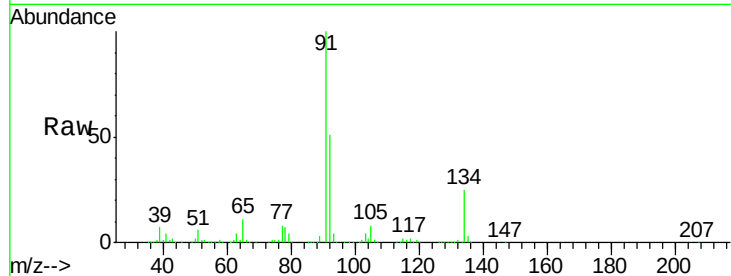
Tot Ion: 91 Resp: 208991

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

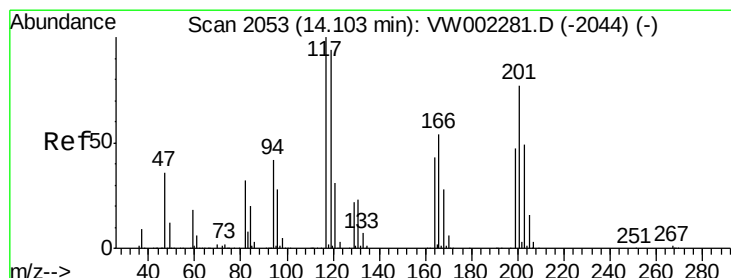
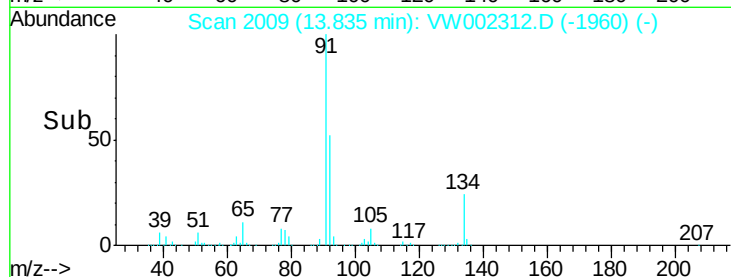
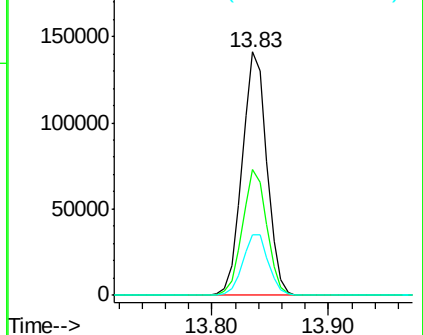
134 25.9 13.1 39.1



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

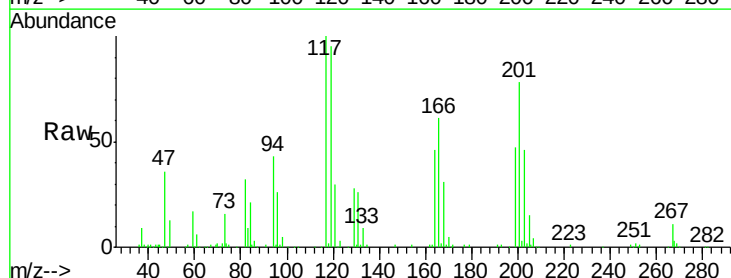
Acq: 09 May 2018 00:24

Tgt Ion: 117 Resp: 39235

Ion Ratio Lower Upper

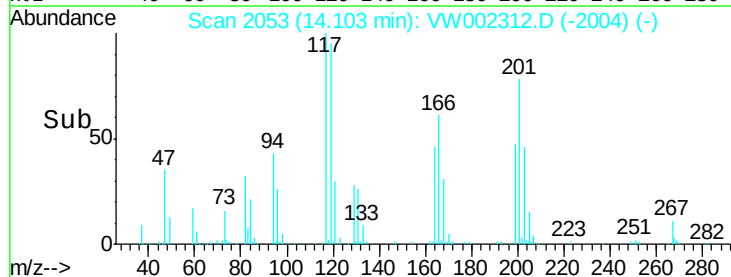
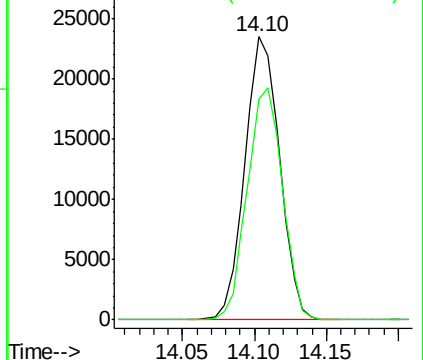
117 100

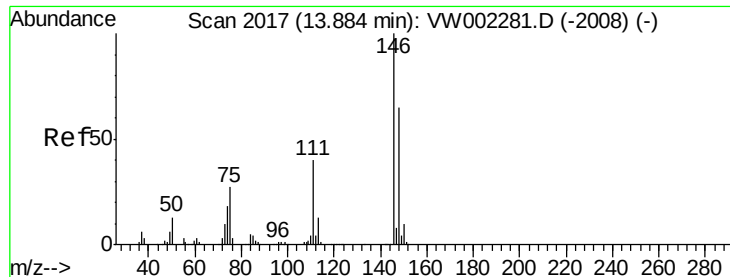
201 83.0 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

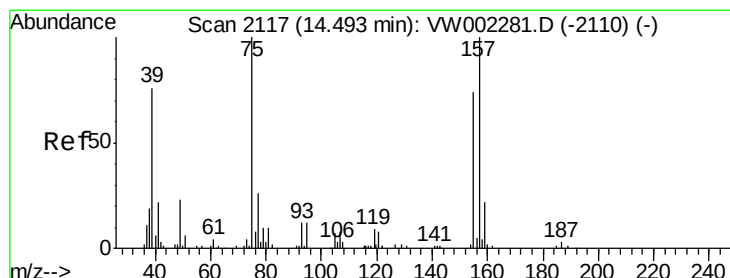
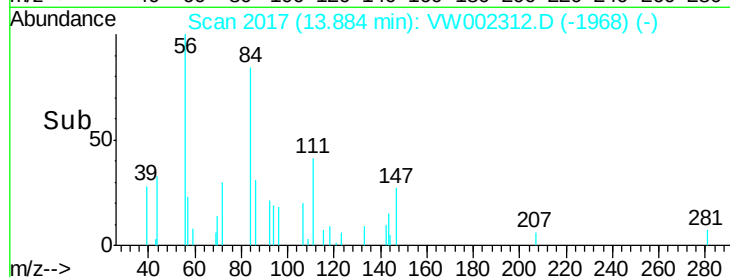
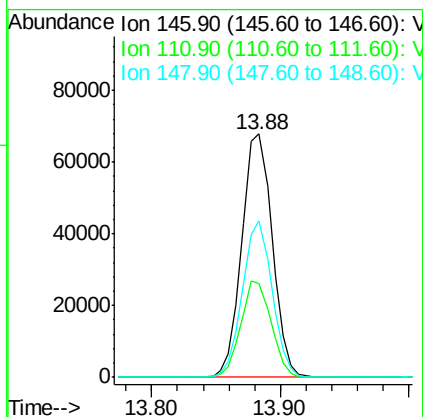
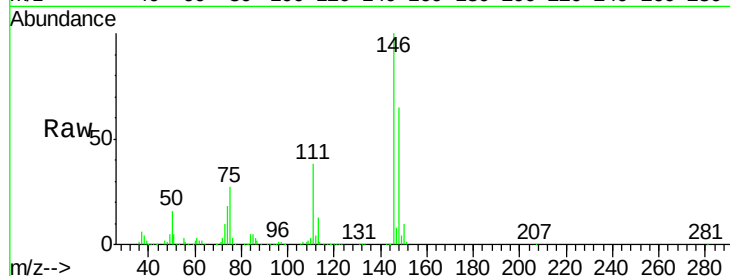




#91
 1,2-Dichlorobenzene
 Concen: 21.35 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

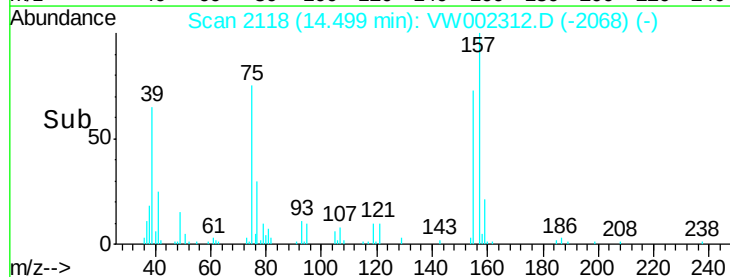
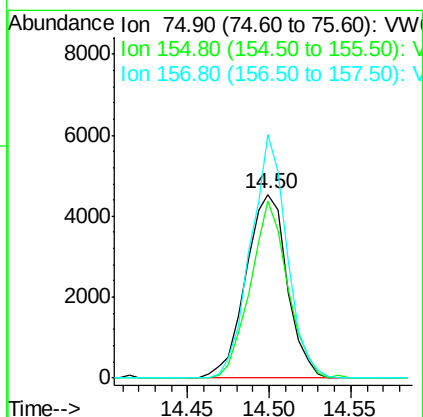
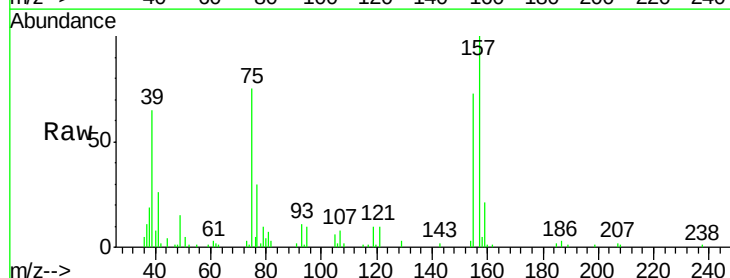
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

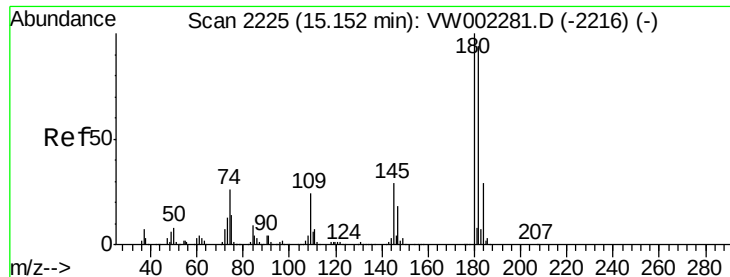
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	59.9
148	62.7	32.5	97.5



#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	Ratio	Lower	Upper
75	100		
155	87.2	43.3	129.8
157	116.0	55.8	167.4

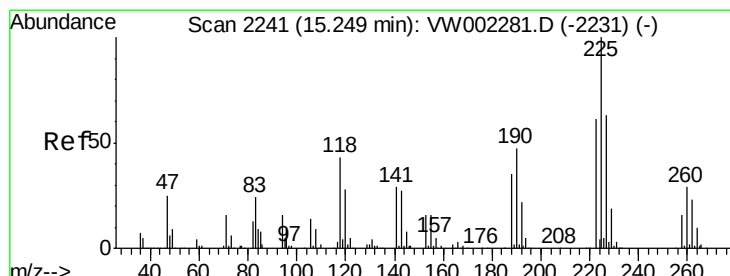
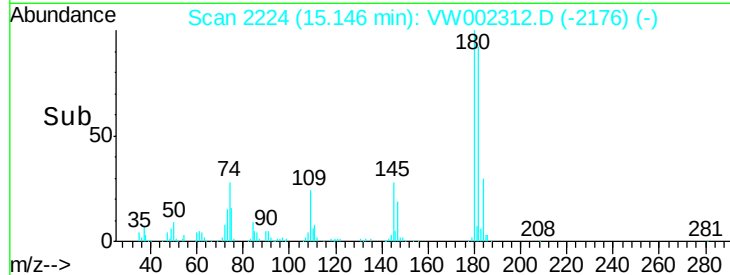
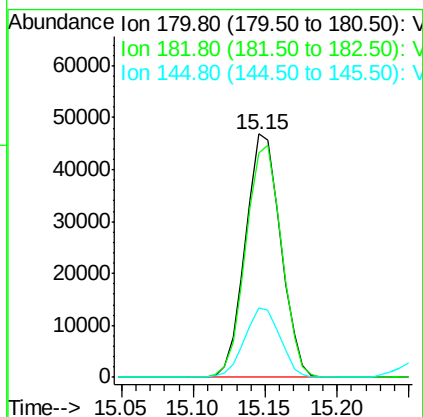
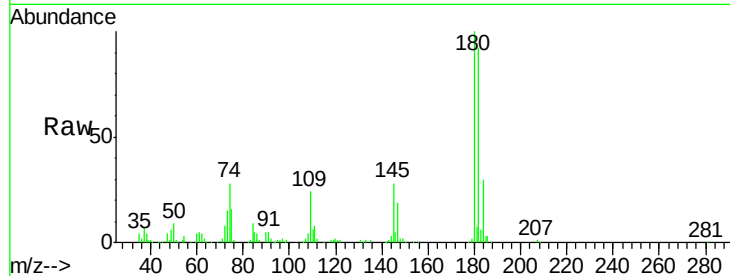




#93
 1,2,4-Trichlorobenzene
 Concen: 21.42 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002312.D
 Acq: 09 May 2018 00:24

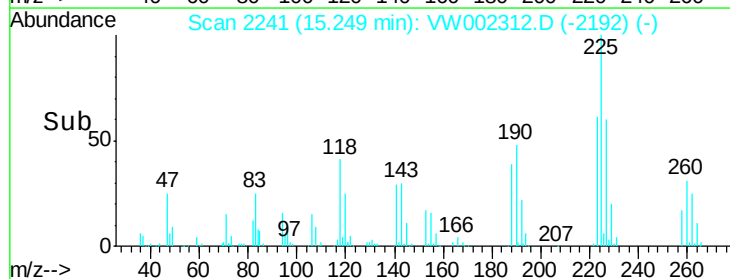
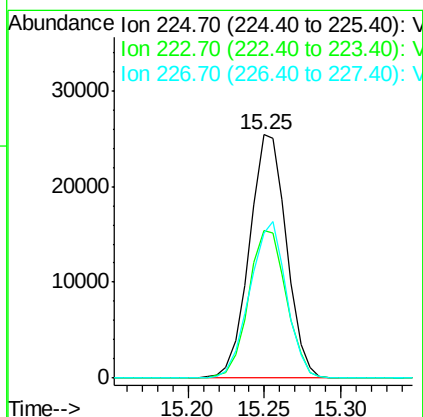
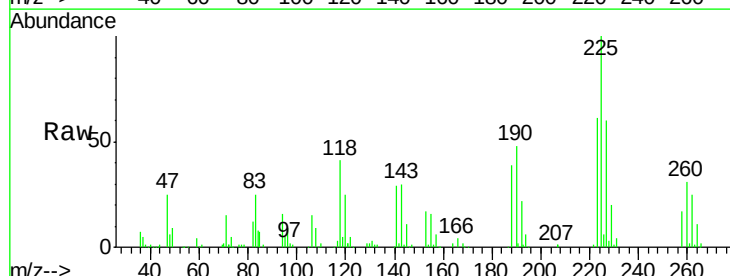
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

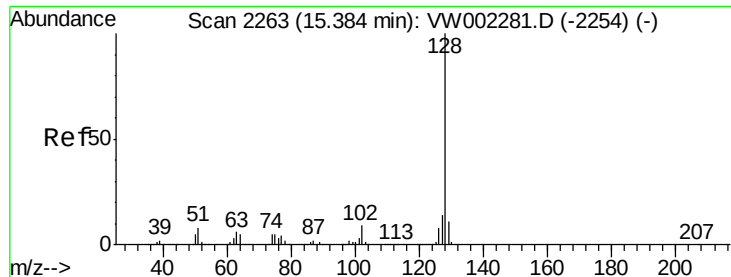
Tot Ion:180 Resp: 79580
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 141.8
 145 28.7 14.5 43.6



#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

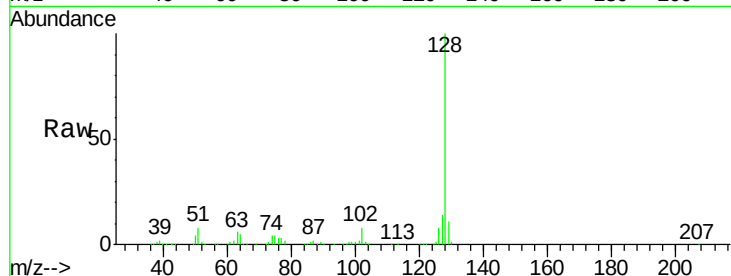
Tot Ion:128 Resp: 146266

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

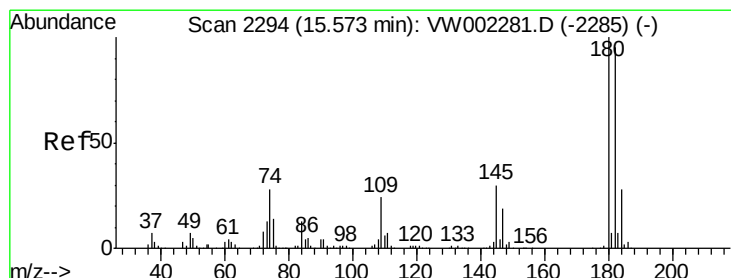
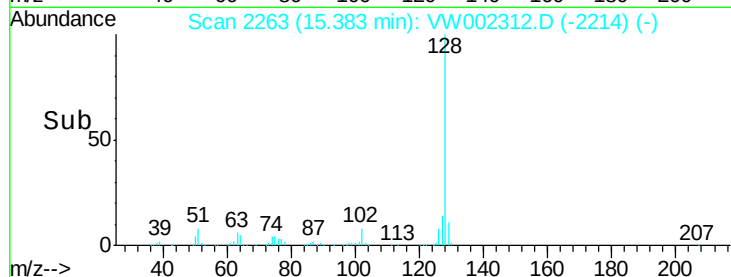
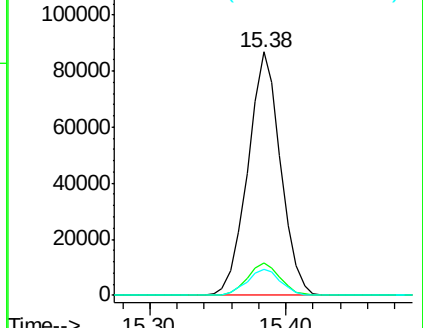
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.57 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002312.D

Acq: 09 May 2018 00:24

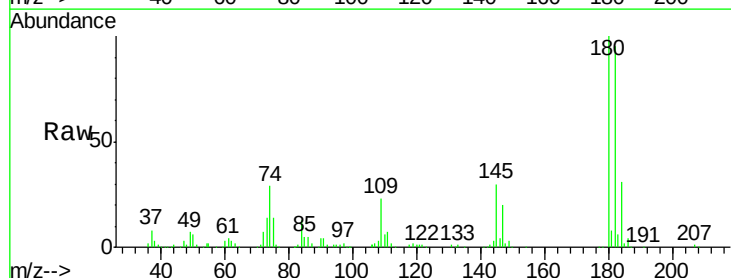
Tgt Ion:180 Resp: 71865

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 30.8 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

