

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082718\
 Data File : VW004965.D
 Acq On : 27 Aug 2018 11:44
 Operator : SY/AP
 Sample : J4647-07
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB73

Quant Time: Aug 28 01:40:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 28 01:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	582811	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	608459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	326903	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	217621	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
7) Chloroethane-d5	2.89	69	168074	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.32%
10) 1,1-Dichloroethene-d2	4.03	63	280847	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.88%
20) 2-Butanone-d5	7.09	46	104066	46.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.84%
24) Chloroform-d	7.66	84	266128	20.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.28%
26) 1,2-Dichloroethane-d4	8.32	65	155178	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.28%
29) Benzene-d6	8.28	84	705536	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.28	67	200015	21.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.00%
37) Toluene-d8	10.33	98	752758	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.80%
38) trans-1,3-Dichloropropene-	10.59	79	87406	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
39) 2-Hexanone-d5	10.93	63	107009	46.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.94%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	207662	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.88%
61) 1,2-Dichlorobenzene-d4	13.87	152	309072	23.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	253300	20.387	ug/L	99
6) Bromomethane	2.78	94	70515	10.697	ug/L	99
9) Trichlorofluoromethane	3.27	101	181627	14.263	ug/L	99
12) 1,1-Dichloroethene	4.04	96	150436	22.171	ug/L	98
13) Acetone	4.15	43	68125	39.230	ug/L	99
15) Methyl Acetate	4.69	43	144848	36.889	ug/L	95
16) Methylene chloride	4.93	84	122547	10.844	ug/L	92
17) Methyl tert-butyl Ether	5.44	73	497806	33.965	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	74203	10.502	ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	191212	25.079	ug/L	94
23) Bromochloromethane	7.53	128	58386	14.502	ug/L	94
27) 1,2-Dichloroethane	8.41	62	81578	9.628	ug/L	96
30) Cyclohexane	7.96	56	132064	10.196	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	118826	10.139	ug/L	99
32) Carbon tetrachloride	8.07	117	133007	12.688	ug/L	99
35) Trichloroethene	9.10	95	334136	38.732	ug/L	98
36) Methylcyclohexane	9.34	83	388621	24.355	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

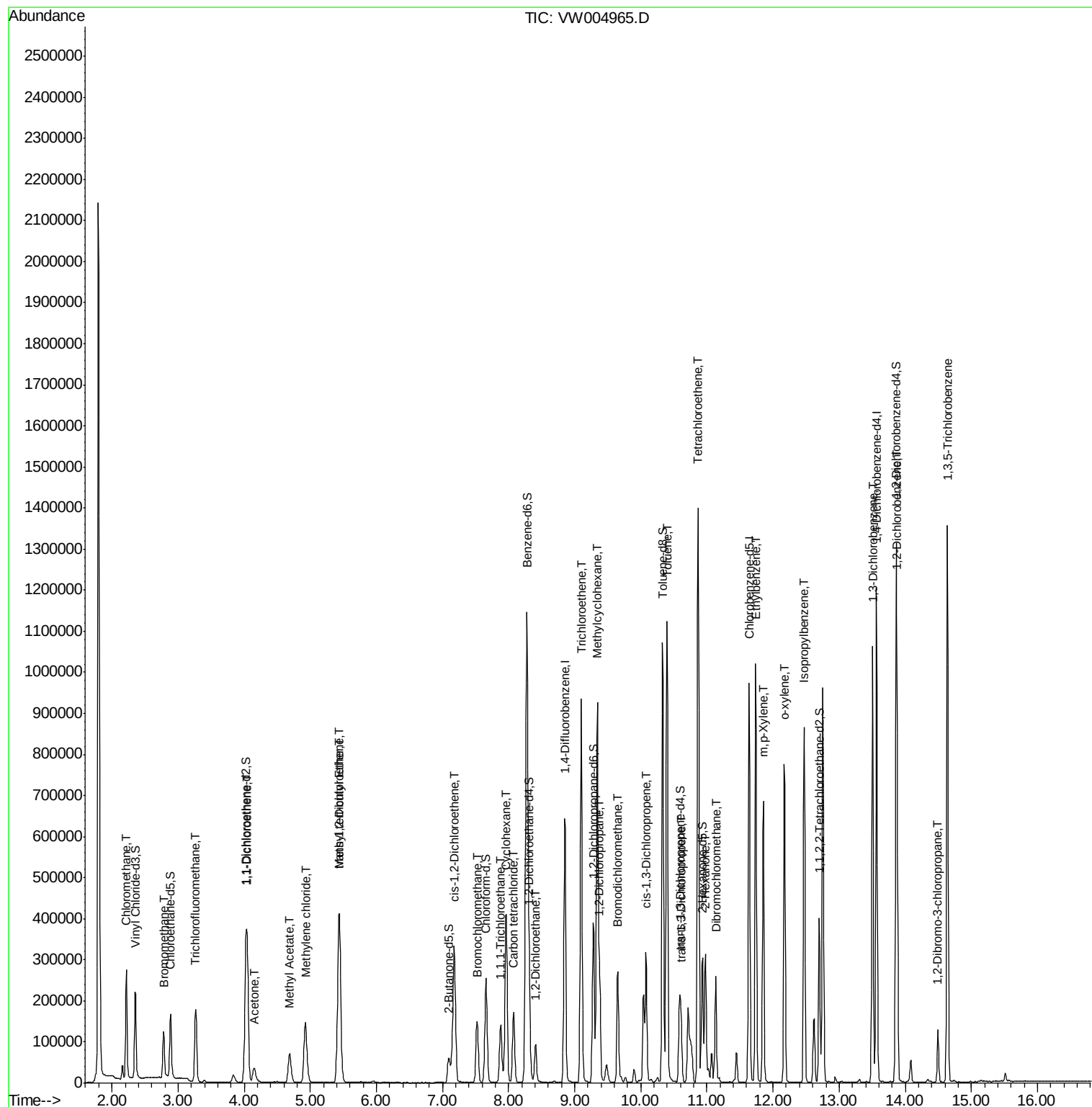
40) 1,2-Dichloropropane	9.38	63	103682	12.149	ug/L	99
41) Bromodichloromethane	9.65	83	184764	19.648	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	198075	16.720	ug/L	100
44) Toluene	10.40	91	886309	21.273	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	83395	7.762	ug/L	99
47) Tetrachloroethene	10.87	164	350604	41.513	ug/L	98
49) 2-Hexanone	10.98	43	189389	38.901	ug/L	99
50) Dibromochloromethane	11.13	129	140429	18.989	ug/L	97
53) Ethylbenzene	11.74	91	721965	15.400	ug/L	99
54) m,p-Xylene	11.85	106	193165	10.621	ug/L	96
55) o-xylene	12.17	106	216979	12.768	ug/L	99
57) Isopropylbenzene	12.47	105	581189	12.804	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	464136	20.608	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	221452	10.262	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	32159	17.573	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	460194	25.536	ug/L	100

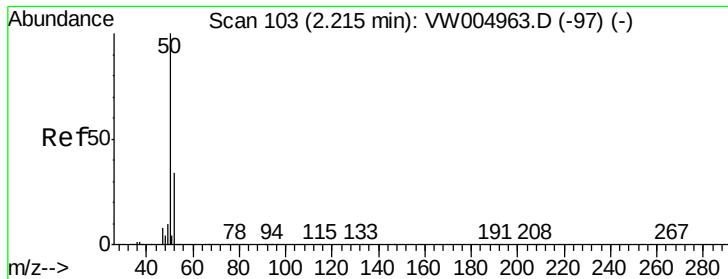
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 20.387 ug/L

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

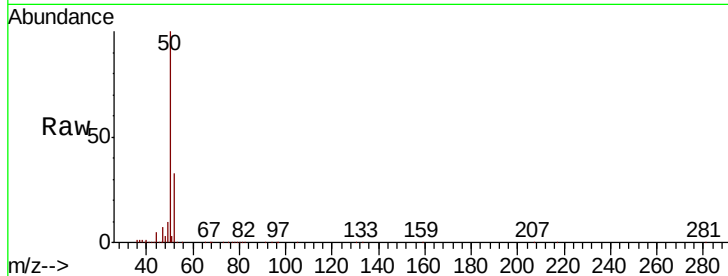
GAB73

Tgt Ion: 50 Resp: 253300

Ion Ratio Lower Upper

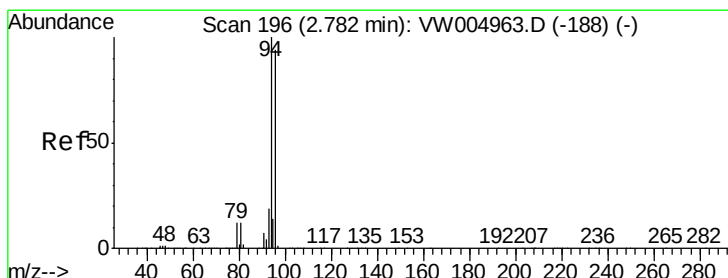
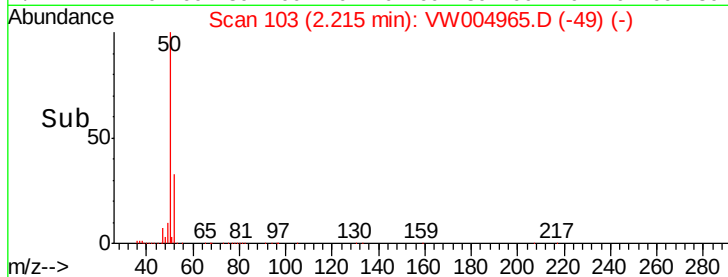
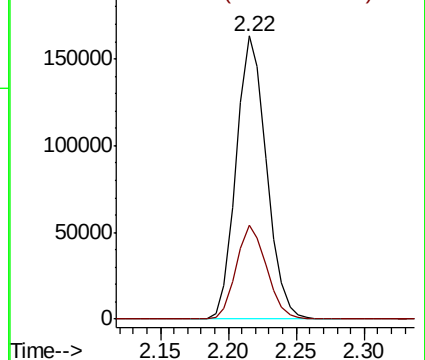
50 100

52 33.0 22.5 41.9



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW



#6

Bromomethane

Concen: 10.697 ug/L

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW004965.D

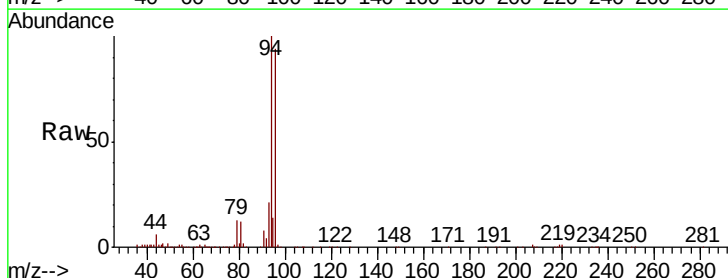
Acq: 27 Aug 2018 11:44

Tgt Ion: 94 Resp: 70515

Ion Ratio Lower Upper

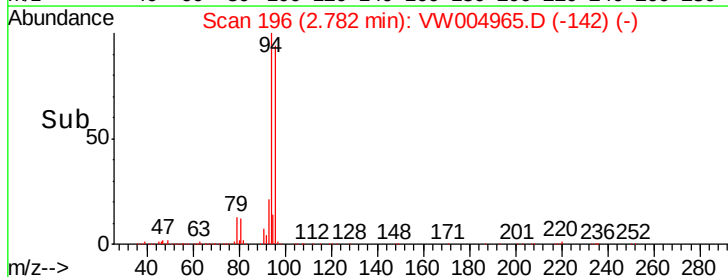
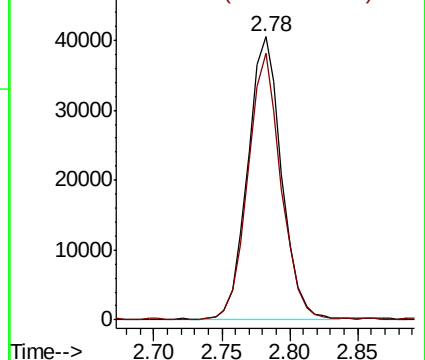
94 100

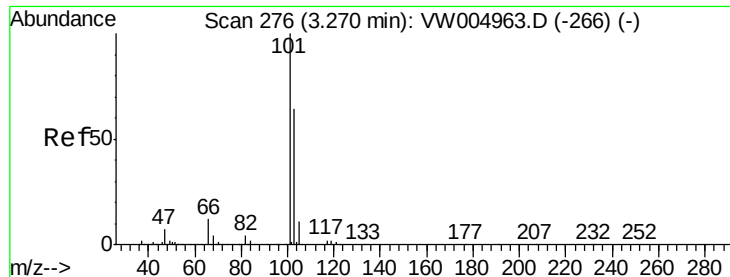
96 92.4 9.3 177.7



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW



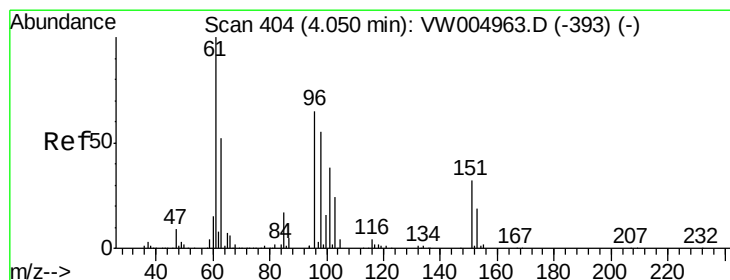
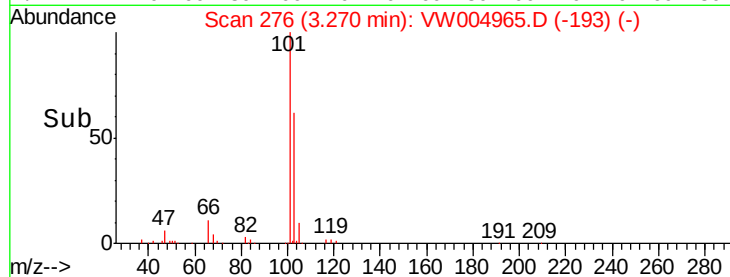
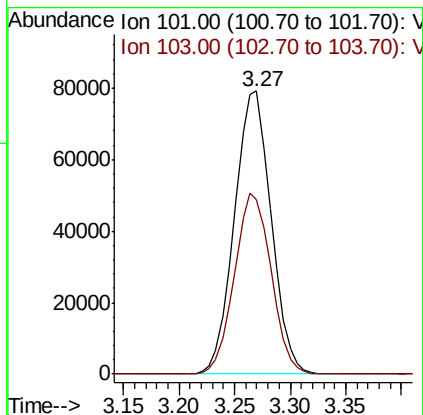
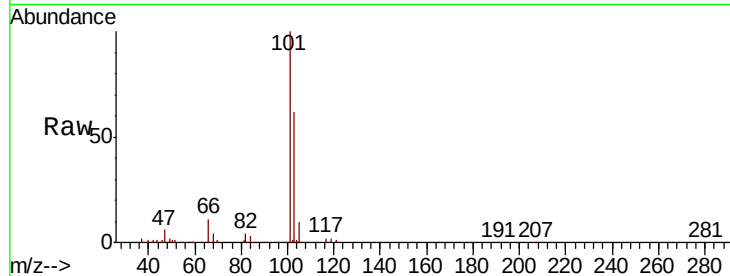


#9

Trichlorofluoromethane
 Concen: 14.263 ug/L
 RT: 3.27 min Scan# 276
 Delta R.T. 0.01 min
 Lab File: VW004965.D
 Acq: 27 Aug 2018 11:44

Instrument :
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 ClientSampleId :
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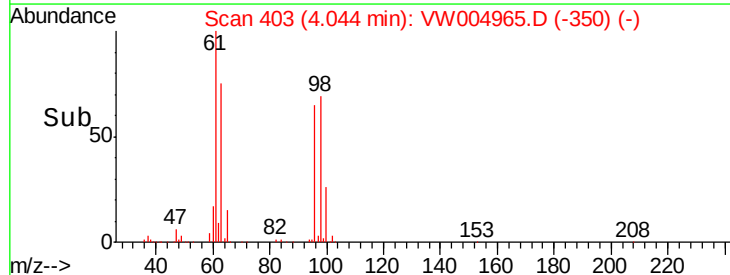
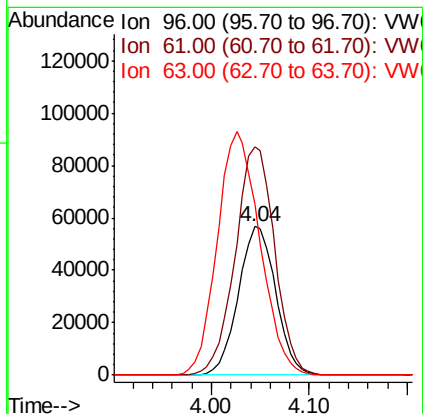
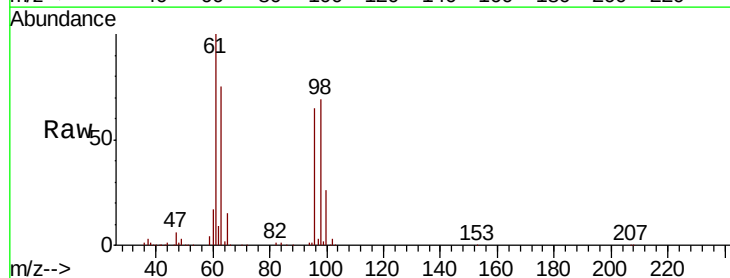
Tgt Ion: 101 Resp: 181627
 Ion Ratio Lower Upper
 101 100
 103 64.0 45.1 83.7

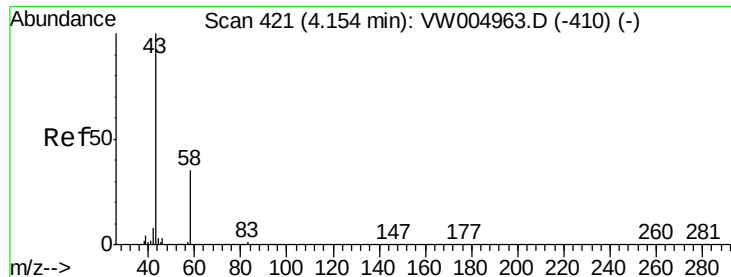


#12

1,1-Dichloroethene
 Concen: 22.171 ug/L
 RT: 4.04 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: VW004965.D
 Acq: 27 Aug 2018 11:44

Tgt Ion: 96 Resp: 150436
 Ion Ratio Lower Upper
 96 100
 61 153.1 107.0 198.8
 63 114.6 76.9 142.7

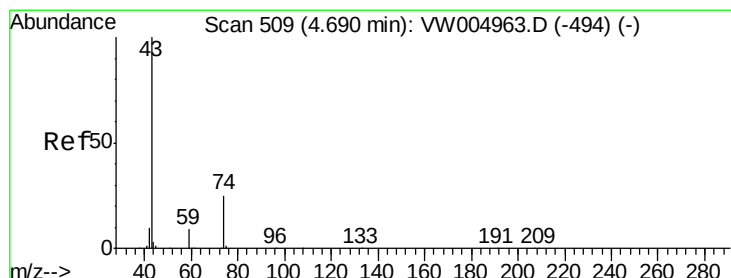
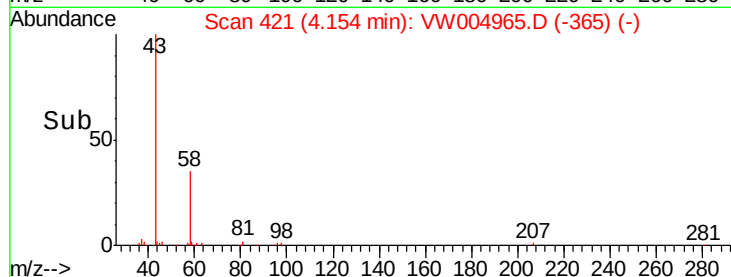
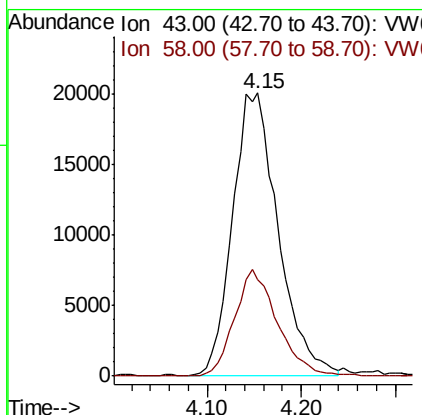
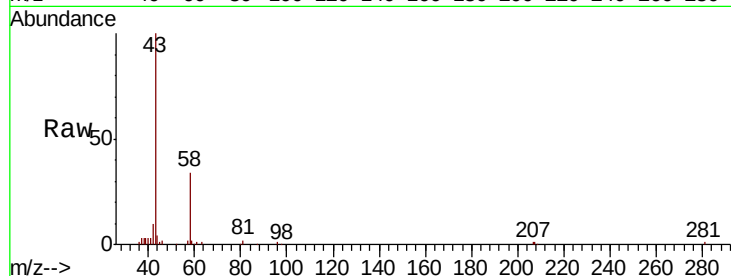




#13
Acetone
Concen: 39.230 ug/L
RT: 4.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VW004965.D
Acq: 27 Aug 2018 11:44

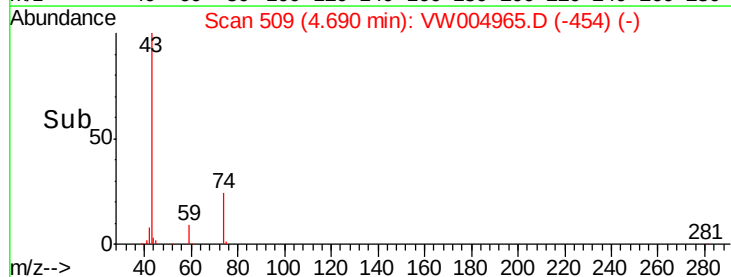
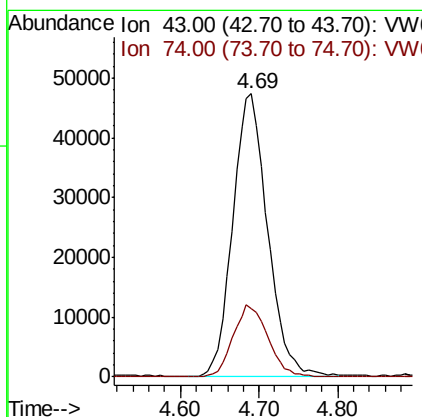
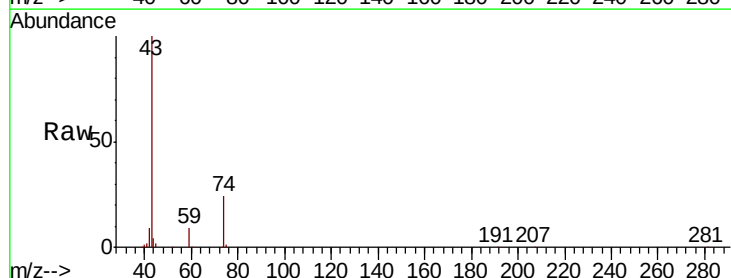
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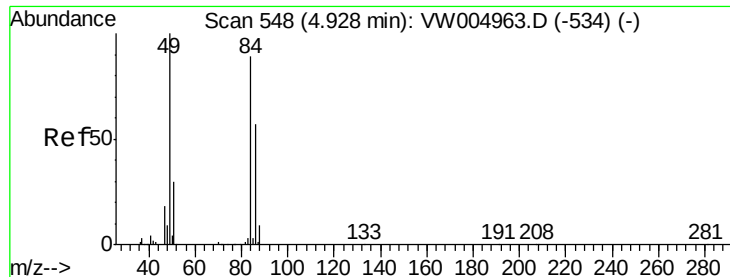
Tgt Ion: 43 Resp: 68125
Ion Ratio Lower Upper
43 100
58 35.3 0.0 69.4



#15
Methyl Acetate
Concen: 36.889 ug/L
RT: 4.69 min Scan# 509
Delta R.T. 0.01 min
Lab File: VW004965.D
Acq: 27 Aug 2018 11:44

Tgt Ion: 43 Resp: 144848
Ion Ratio Lower Upper
43 100
74 25.4 18.6 27.8

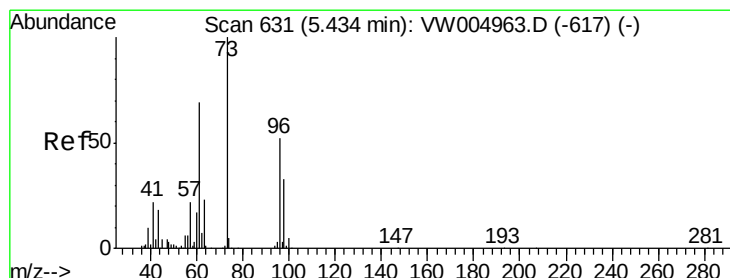
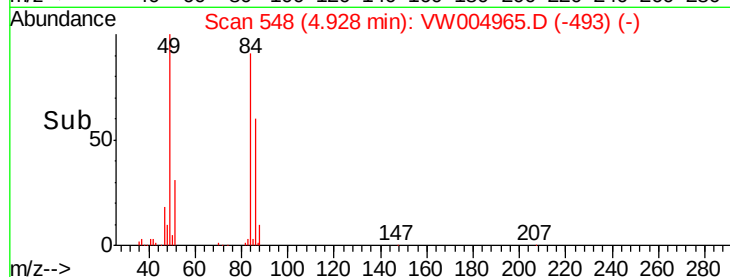
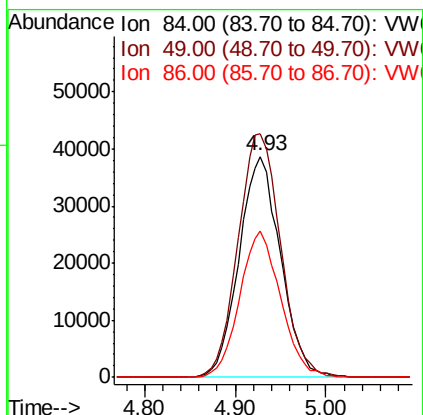
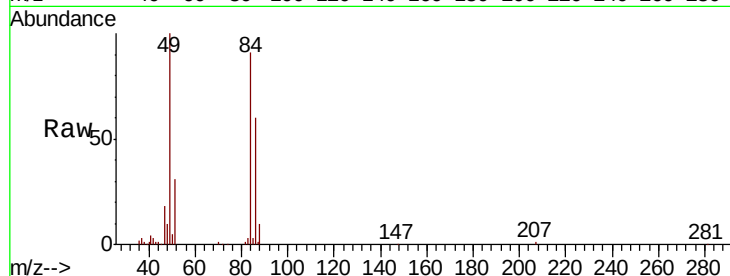




#16
Methylene chloride
Concen: 10.844 ug/L
RT: 4.93 min Scan# 548
Delta R.T. 0.01 min
Lab File: VW004965.D
Acq: 27 Aug 2018 11:44

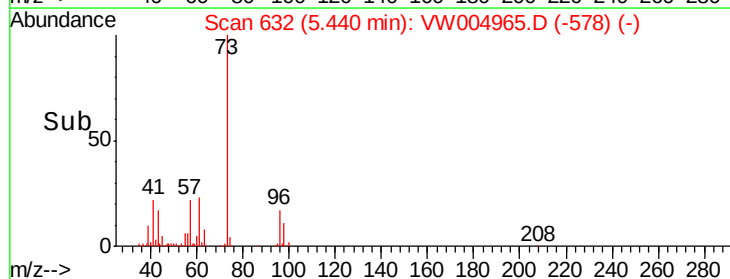
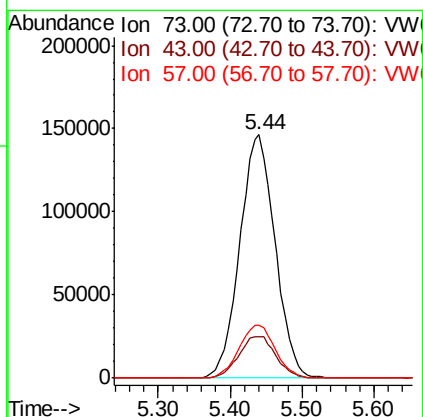
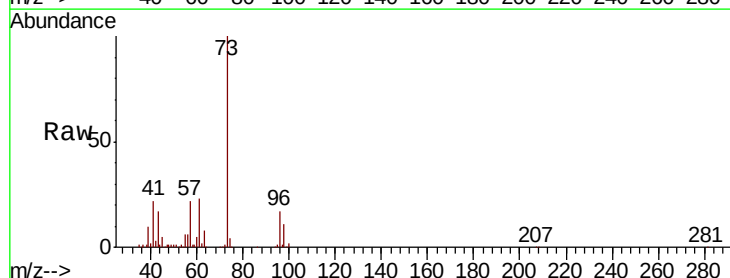
Instrument :
MSVOA_W
ClientSampled :
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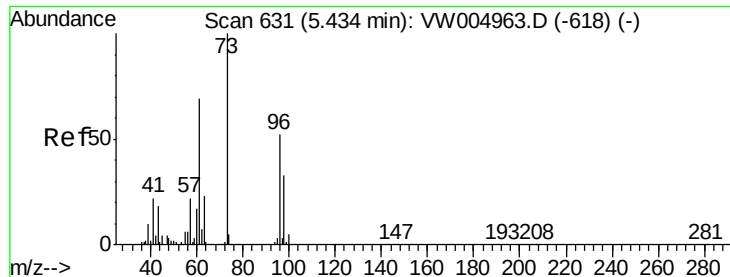
Tgt Ion: 84 Resp: 122547
Ion Ratio Lower Upper
84 100
49 110.1 83.8 155.6
86 65.9 42.6 79.0



#17
Methyl tert-butyl Ether
Concen: 33.965 ug/L
RT: 5.44 min Scan# 632
Delta R.T. -0.00 min
Lab File: VW004965.D
Acq: 27 Aug 2018 11:44

Tgt Ion: 73 Resp: 497806
Ion Ratio Lower Upper
73 100
43 18.1 14.6 22.0
57 22.3 18.2 27.4





#18

trans-1,2-Dichloroethene

Concen: 10.502 ug/L

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampled :

GAB73

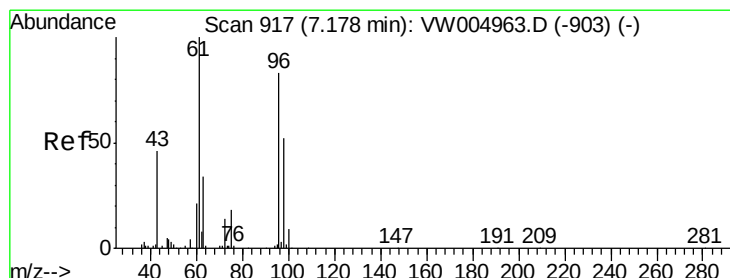
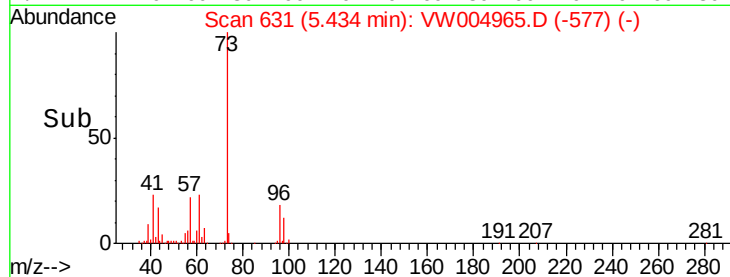
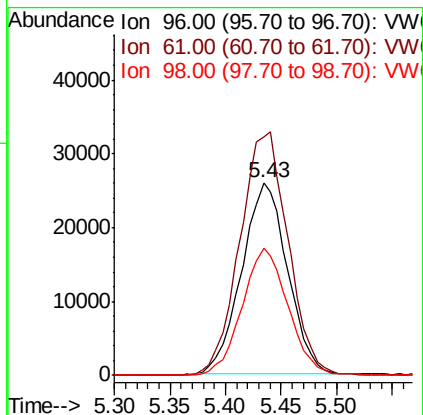
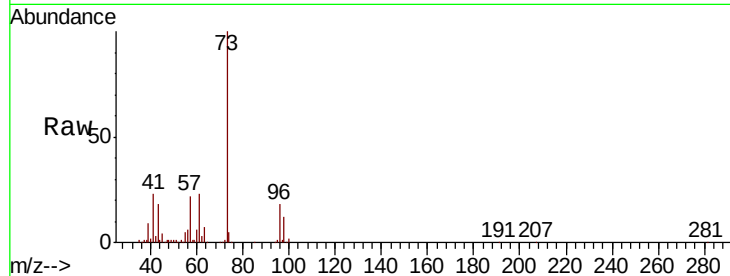
Tgt Ion: 96 Resp: 74203

Ion Ratio Lower Upper

96 100

61 123.8 92.5 171.9

98 66.2 42.8 79.4



#22

cis-1,2-Dichloroethene

Concen: 25.079 ug/L

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

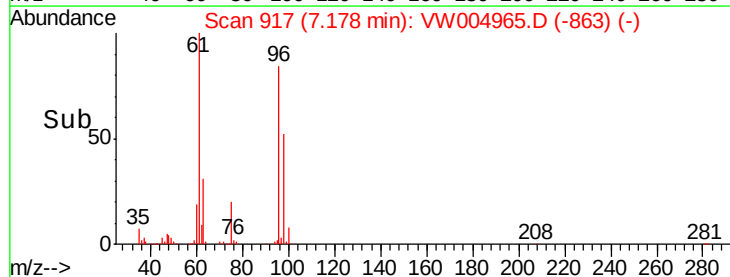
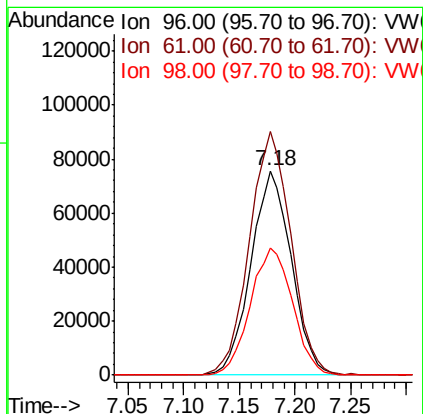
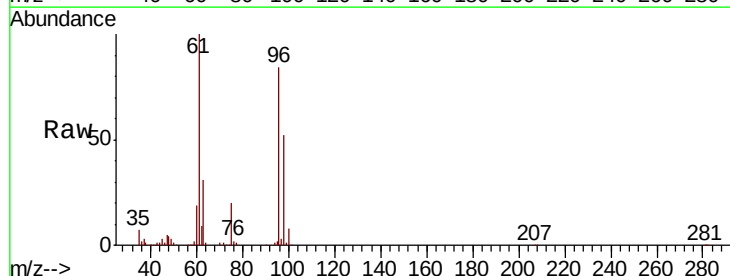
Tgt Ion: 96 Resp: 191212

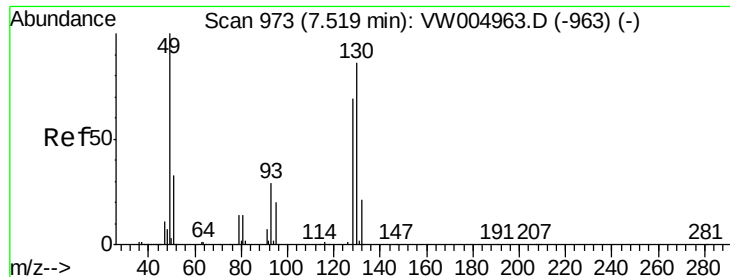
Ion Ratio Lower Upper

96 100

61 119.3 89.7 166.7

98 62.3 45.0 83.6

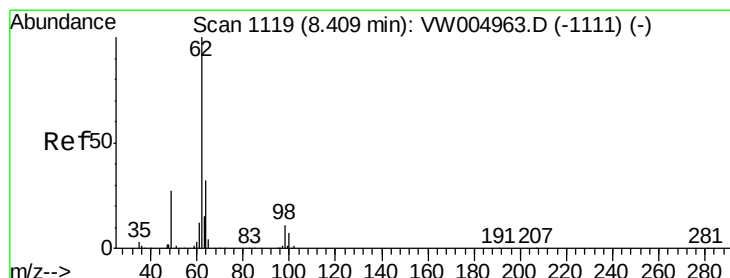
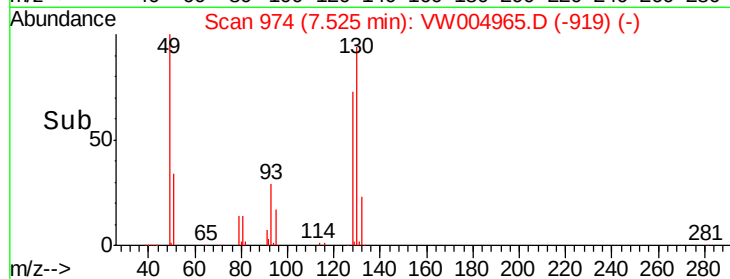
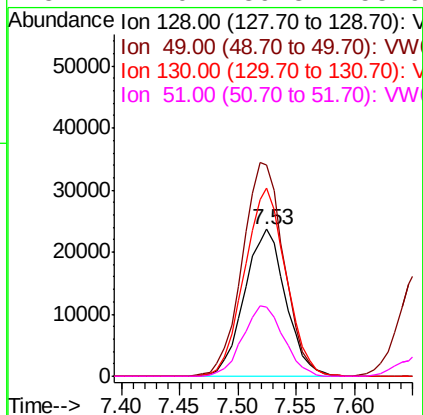
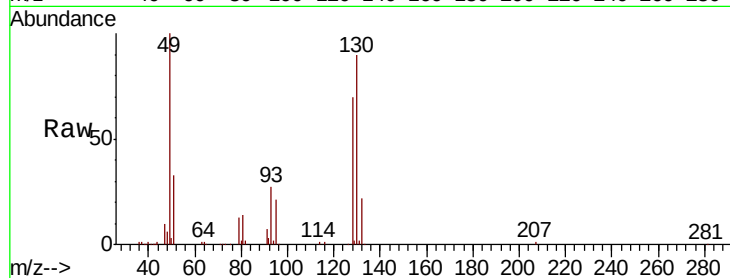




#23
 Bromochloromethane
 Concen: 14.502 ug/L
 RT: 7.53 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: VW004965.D
 Acq: 27 Aug 2018 11:44

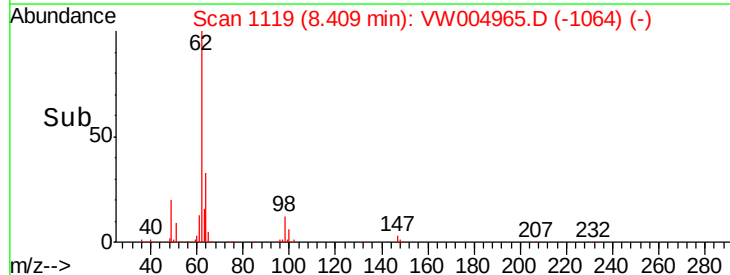
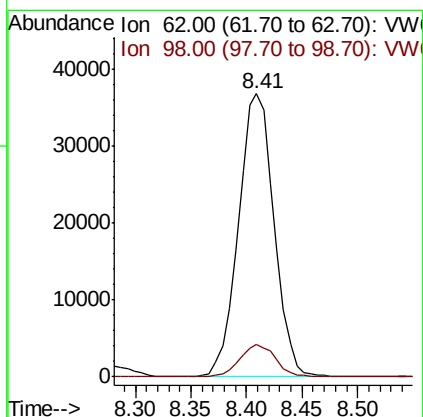
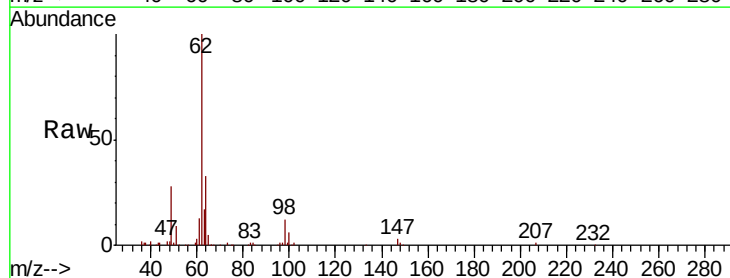
Instrument :
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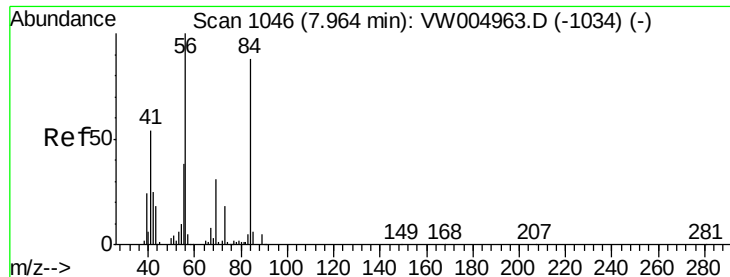
Tgt Ion	Ratio	Lower	Upper
128	100		
49	143.3	111.3	206.7
130	128.4	90.2	167.6
51	47.0	39.3	58.9



#27
 1,2-Dichloroethane
 Concen: 9.628 ug/L
 RT: 8.41 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: VW004965.D
 Acq: 27 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.5	8.0	12.0





#30

Cyclohexane

Concen: 10.196 ug/L

RT: 7.96 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

GAB73

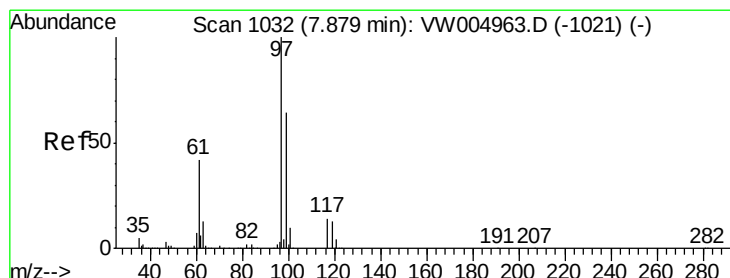
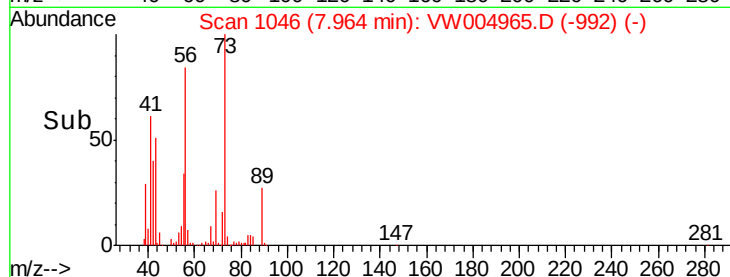
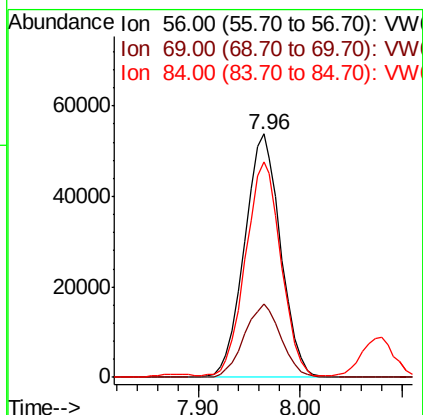
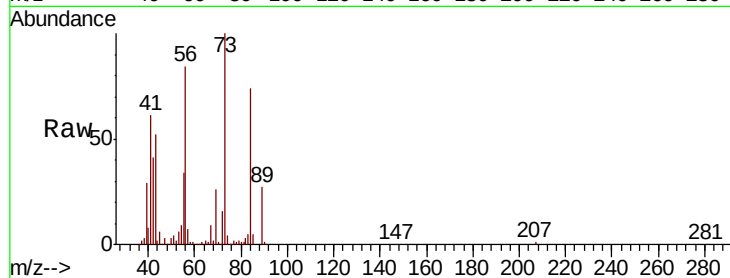
Tgt Ion: 56 Resp: 132064

Ion Ratio Lower Upper

56 100

69 30.5 24.1 36.1

84 87.8 67.7 101.5



#31

1,1,1-Trichloroethane

Concen: 10.139 ug/L

RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

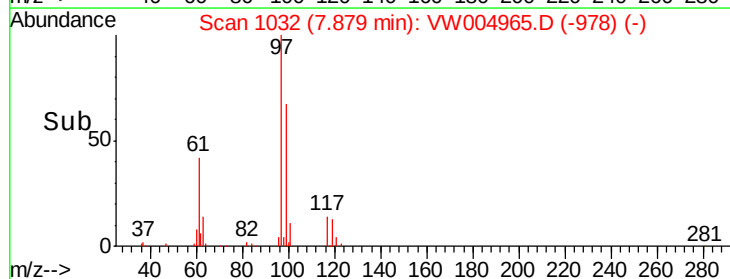
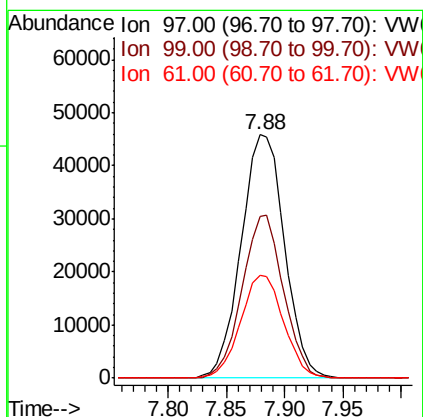
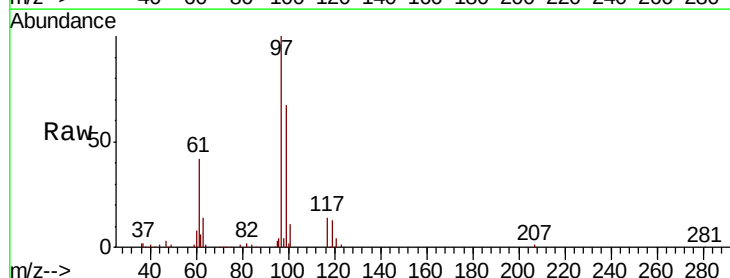
Tgt Ion: 97 Resp: 118826

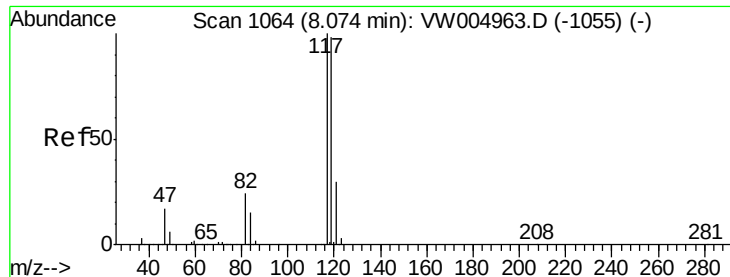
Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 41.8 34.9 52.3





#32

Carbon tetrachloride

Concen: 12.688 ug/L

RT: 8.07 min Scan# 1064

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

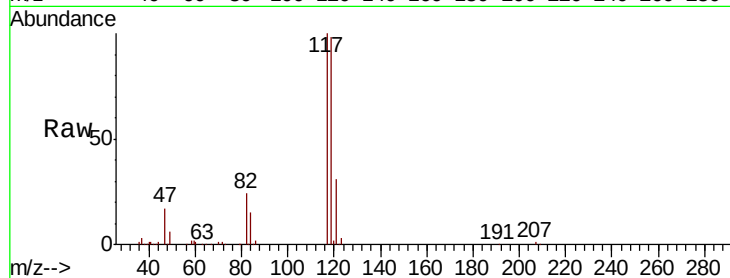
GAB73

Tgt Ion: 117 Resp: 133007

Ion Ratio Lower Upper

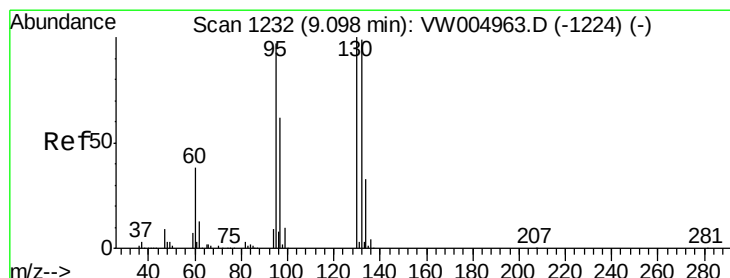
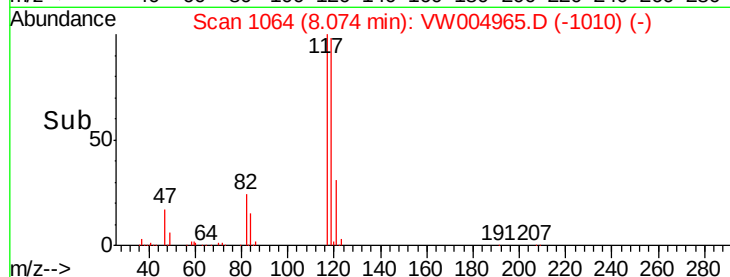
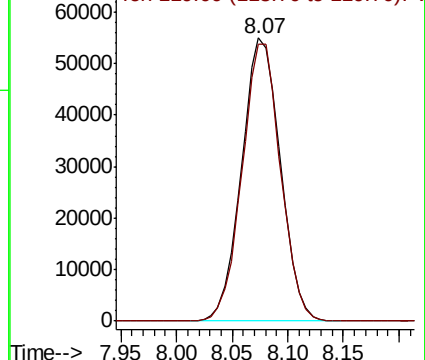
117 100

119 97.3 78.2 117.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 38.732 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Tgt Ion: 95 Resp: 334136

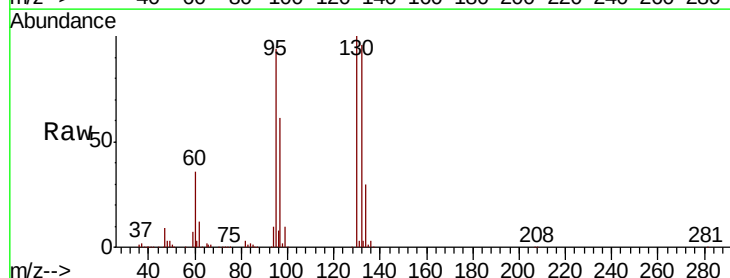
Ion Ratio Lower Upper

95 100

97 64.7 45.9 85.3

132 101.6 69.2 128.4

130 105.9 72.7 135.1

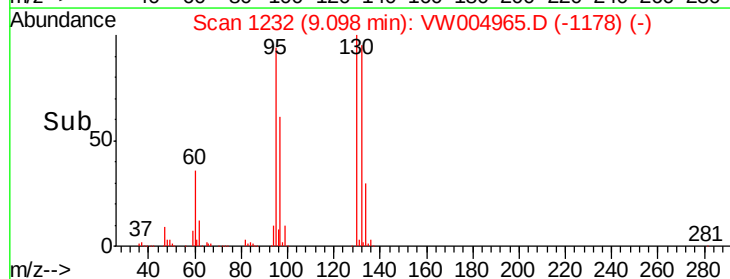
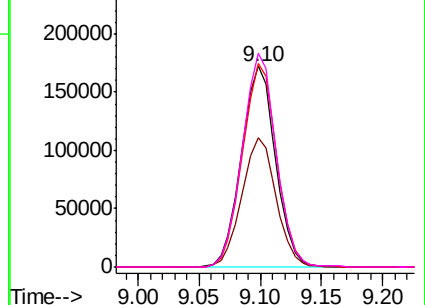


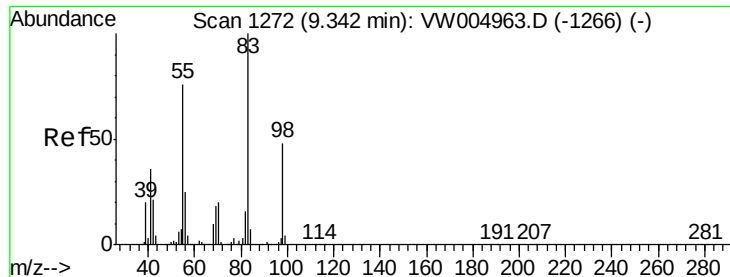
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

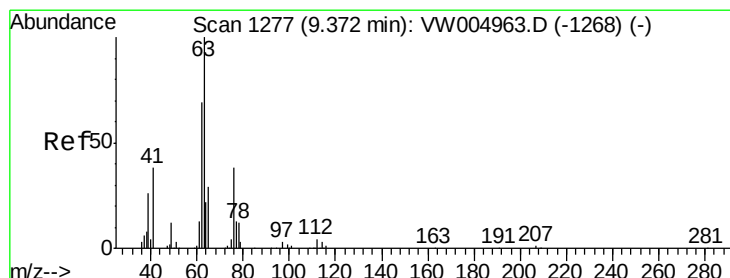
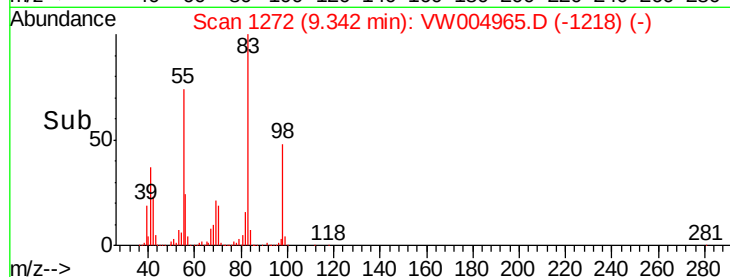
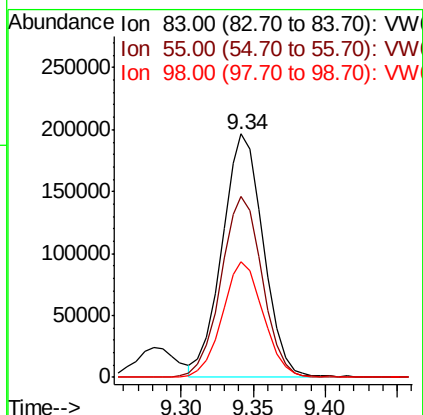
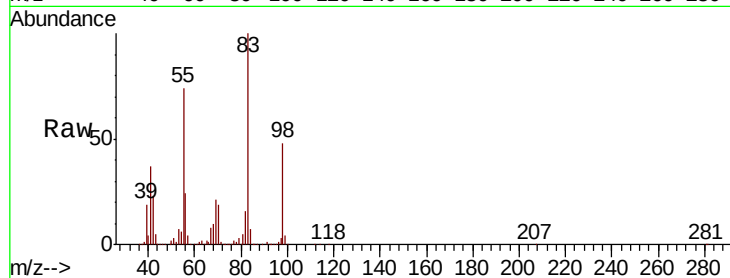




#36
Methylcyclohexane
Concen: 24.355 ug/L
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW004965.D
Acq: 27 Aug 2018 11:44

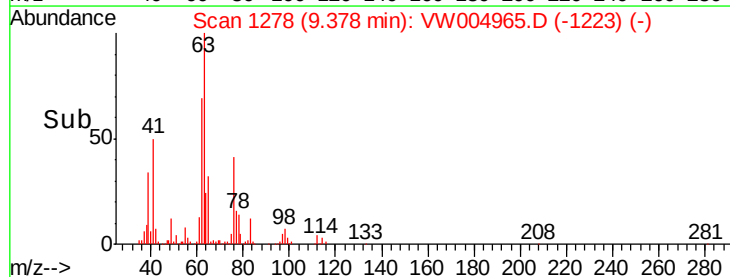
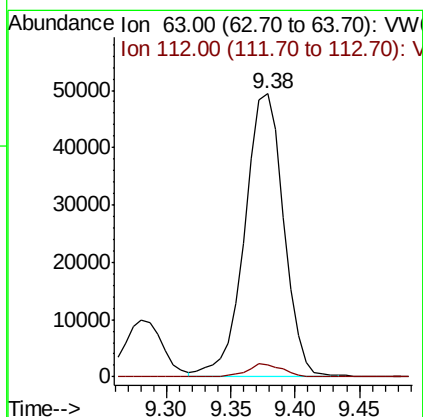
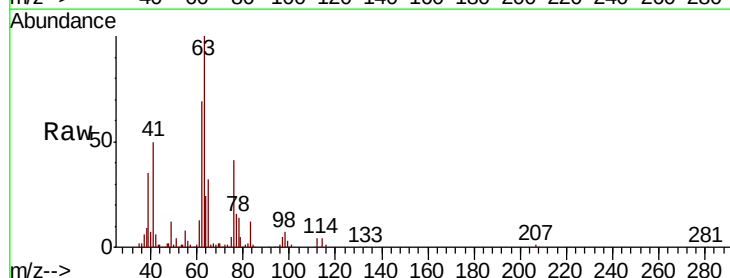
Instrument :
MSVOA_W
ClientSampleId :
GAB73

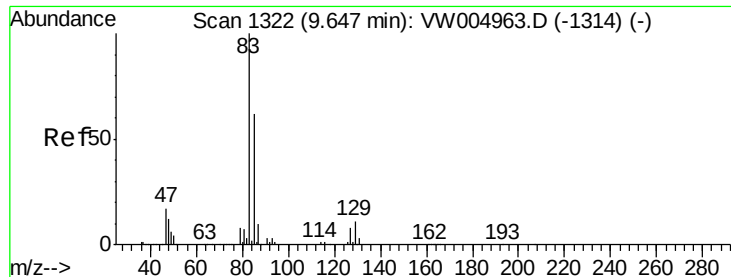
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.1	91.7
98	47.3	37.0	55.4



#40
1,2-Dichloropropane
Concen: 12.149 ug/L
RT: 9.38 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VW004965.D
Acq: 27 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.2	4.8





#41

Bromodichloromethane

Concen: 19.648 ug/L

RT: 9.65 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

GAB73

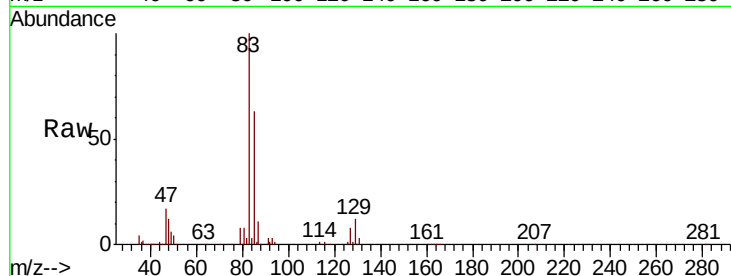
Tgt Ion: 83 Resp: 184764

Ion Ratio Lower Upper

83 100

85 63.5 43.6 81.0

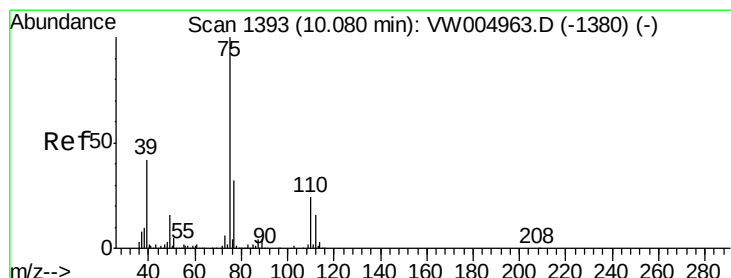
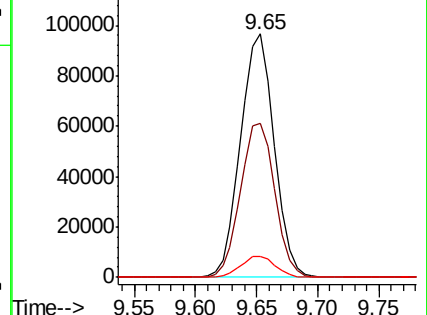
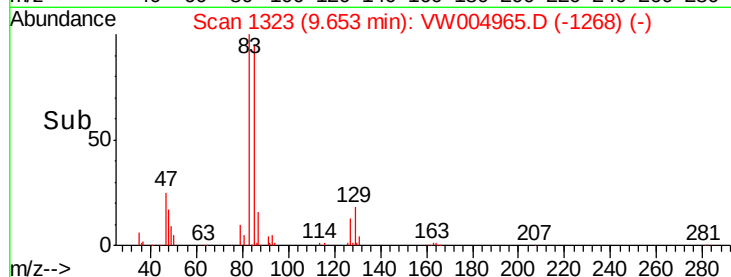
127 8.5 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 16.720 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004965.D

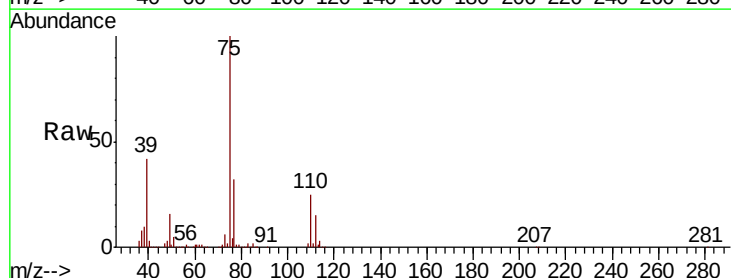
Acq: 27 Aug 2018 11:44

Tgt Ion: 75 Resp: 198075

Ion Ratio Lower Upper

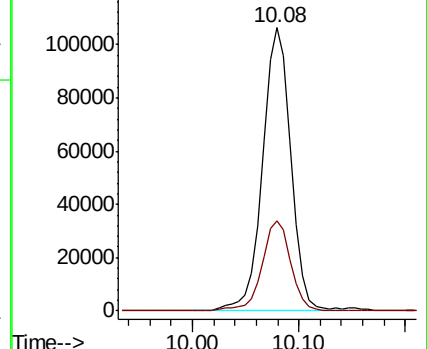
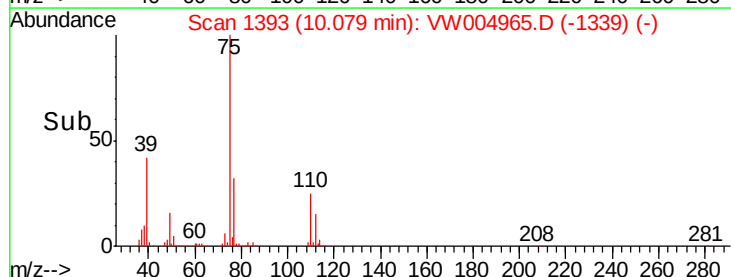
75 100

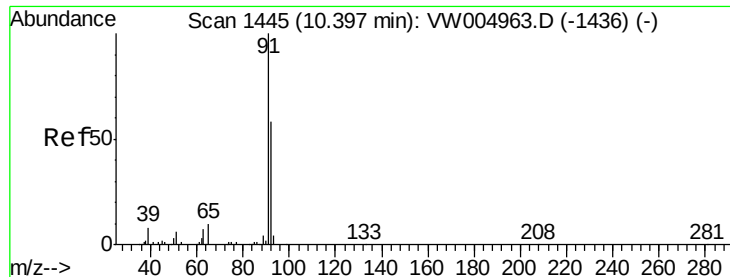
77 31.8 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 21.273 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampled :

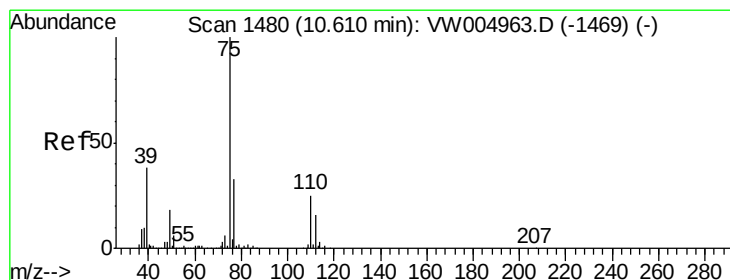
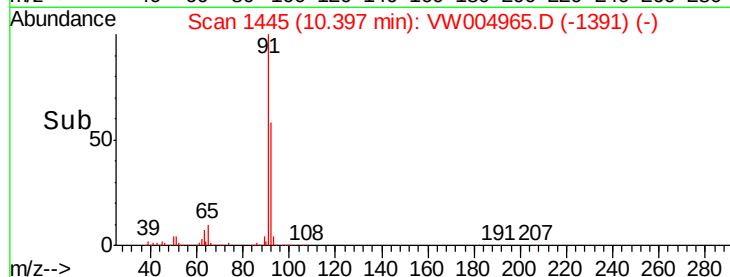
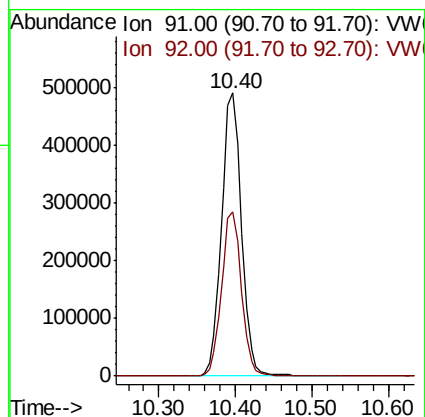
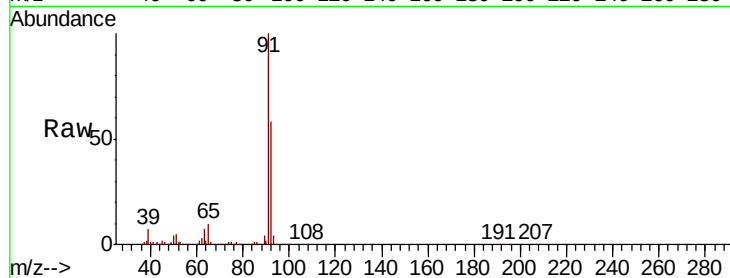
GAB73

Tgt Ion: 91 Resp: 886309

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



#45

trans-1,3-Dichloropropene

Concen: 7.762 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004965.D

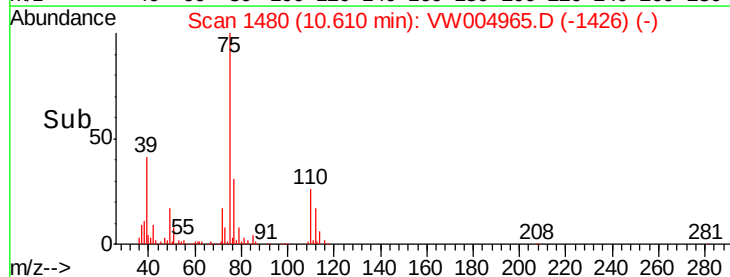
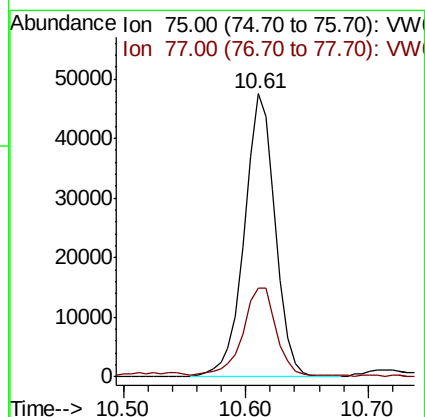
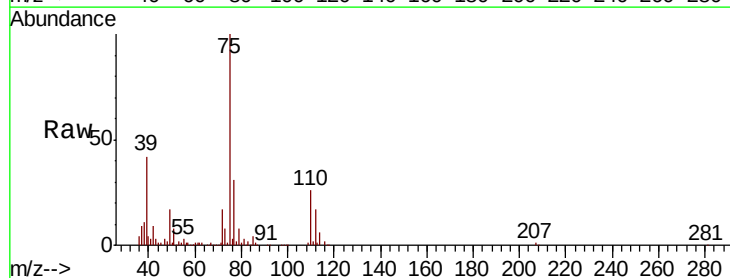
Acq: 27 Aug 2018 11:44

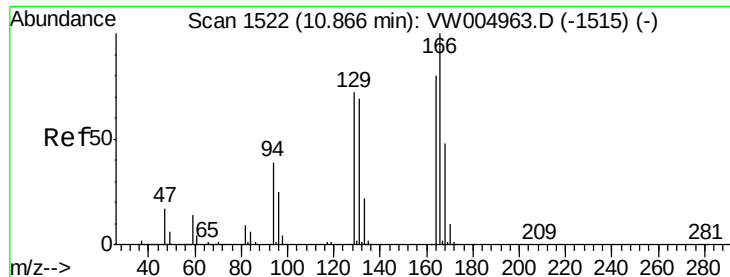
Tgt Ion: 75 Resp: 83395

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2

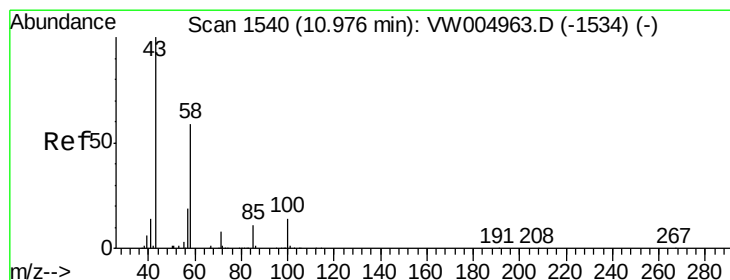
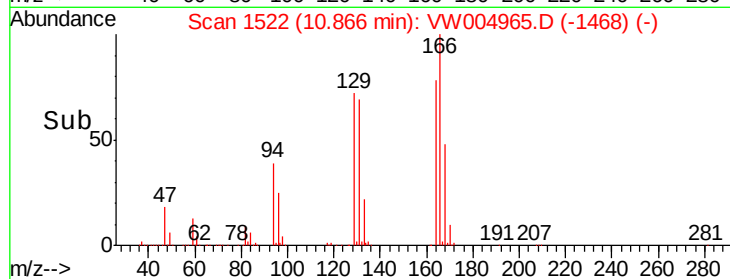
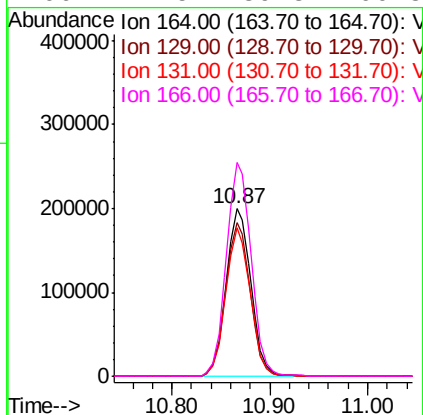
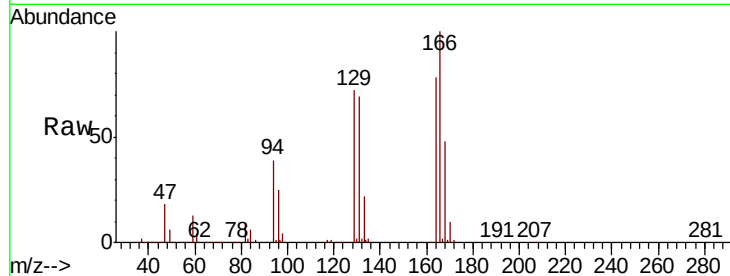




#47
Tetrachloroethene
Concen: 41.513 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004965.D
Acq: 27 Aug 2018 11:44

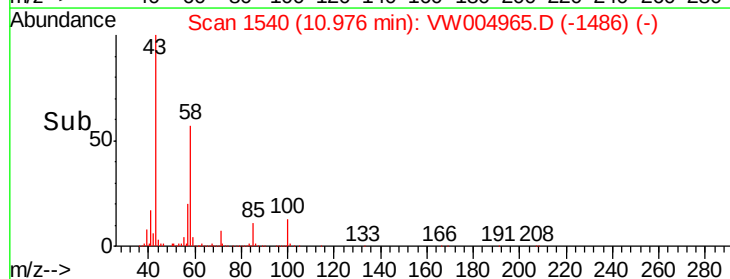
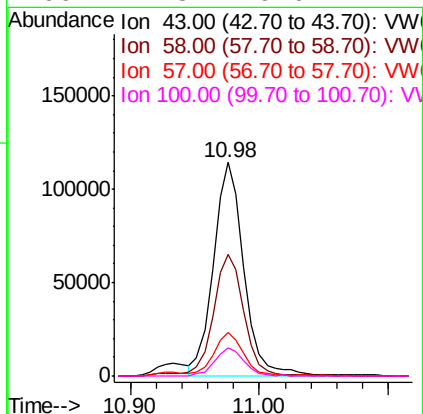
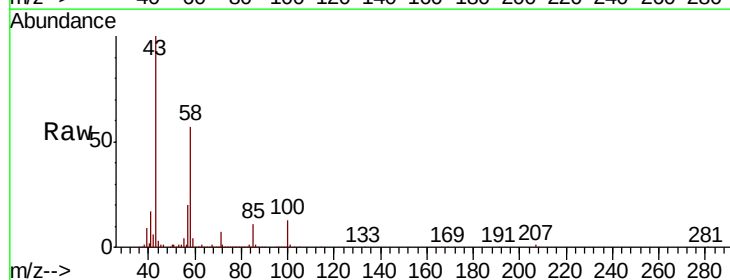
Instrument :
MSVOA_W
ClientSampleId :
GAB73

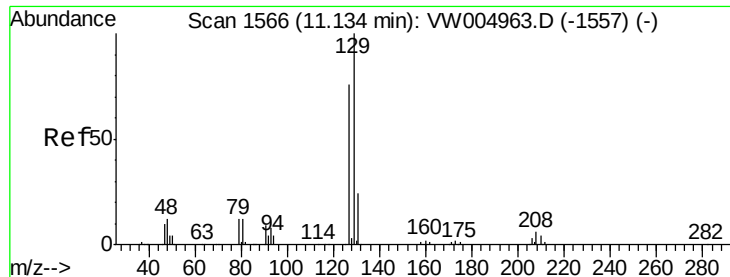
Tgt Ion	Ratio	Lower	Upper
164	100		
129	91.5	66.8	124.0
131	88.5	64.0	119.0
166	127.5	89.8	166.8



#49
2-Hexanone
Concen: 38.901 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004965.D
Acq: 27 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.3	44.6	67.0
57	19.1	15.4	23.2
100	12.8	9.6	14.4





#50

Dibromochloromethane

Concen: 18.989 ug/L

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

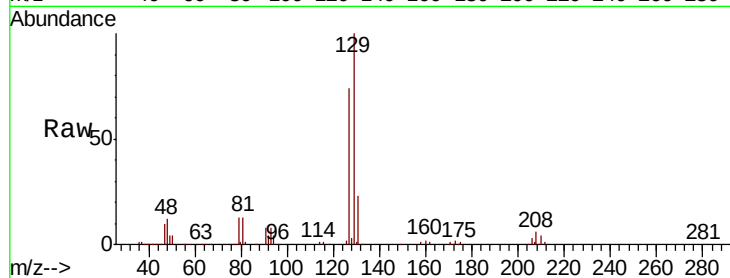
GAB73

Tgt Ion:129 Resp: 140429

Ion Ratio Lower Upper

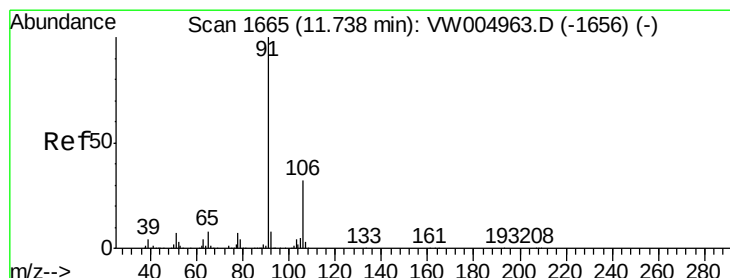
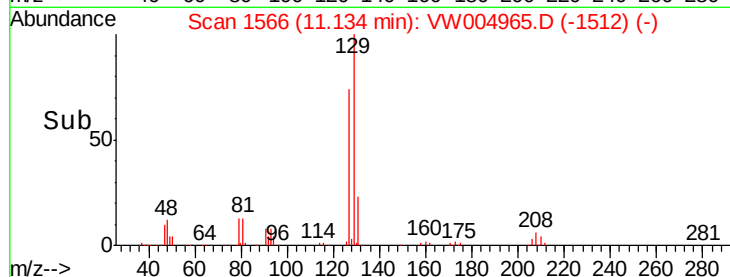
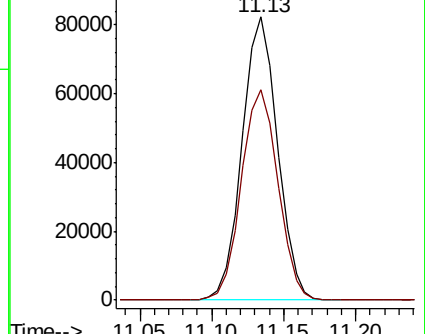
129 100

127 74.1 53.8 99.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 15.400 ug/L

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004965.D

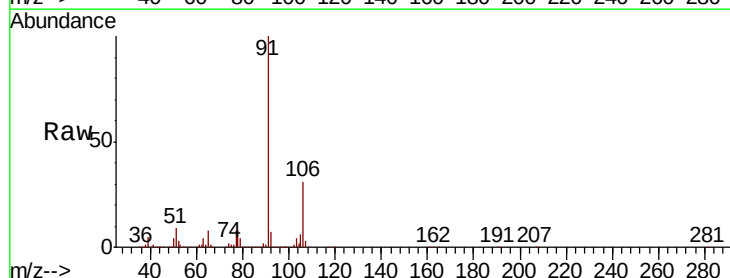
Acq: 27 Aug 2018 11:44

Tgt Ion: 91 Resp: 721965

Ion Ratio Lower Upper

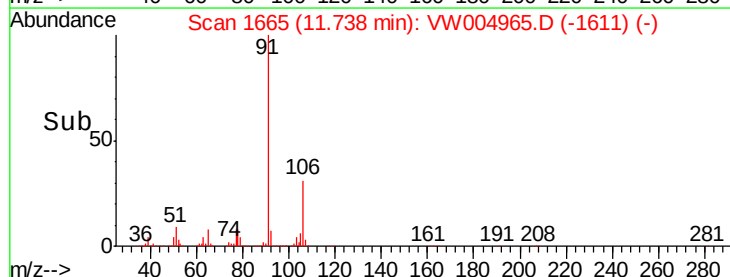
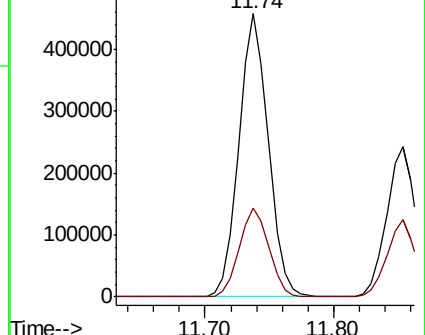
91 100

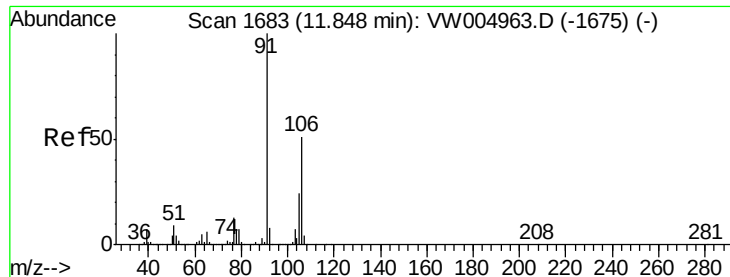
106 31.2 21.6 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 10.621 ug/L

RT: 11.85 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampled :

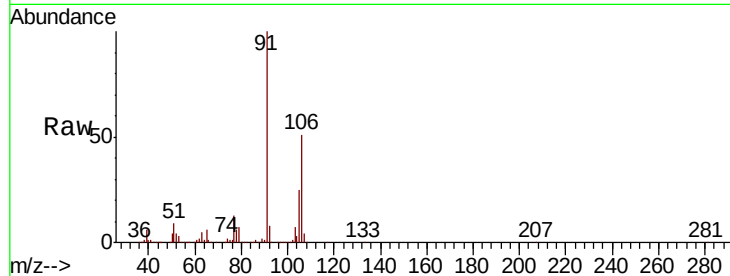
GAB73

Tgt Ion:106 Resp: 193165

Ion Ratio Lower Upper

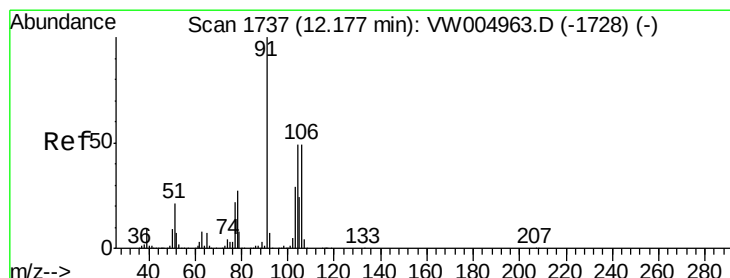
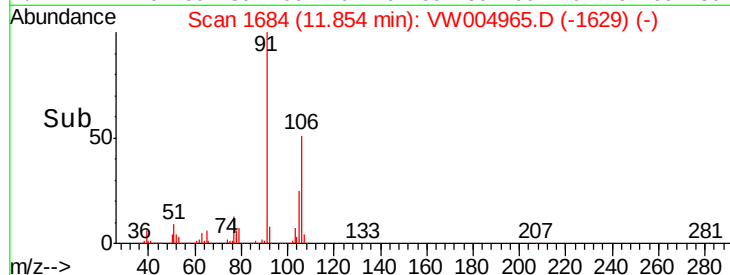
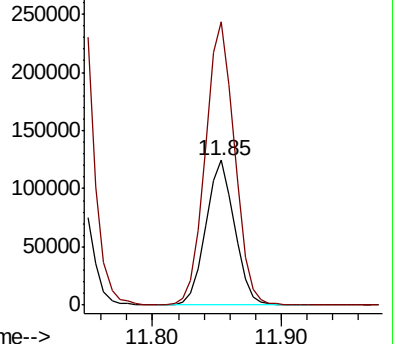
106 100

91 195.6 141.4 262.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 12.768 ug/L

RT: 12.17 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VW004965.D

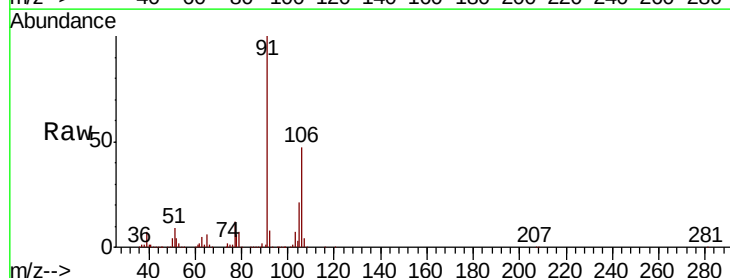
Acq: 27 Aug 2018 11:44

Tgt Ion:106 Resp: 216979

Ion Ratio Lower Upper

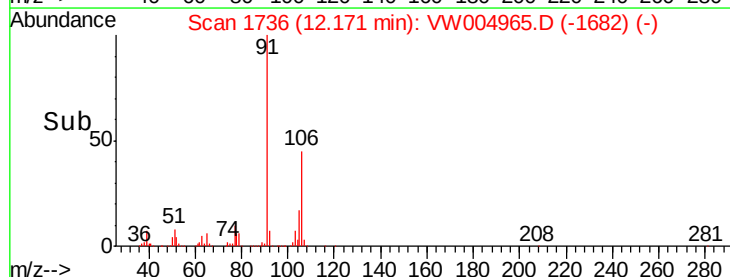
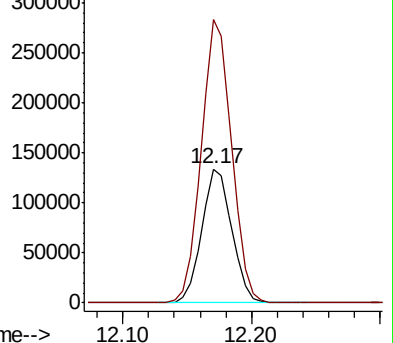
106 100

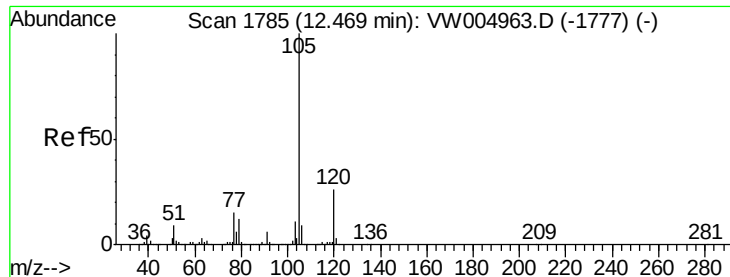
91 211.3 147.0 273.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 12.804 ug/L

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

GAB73

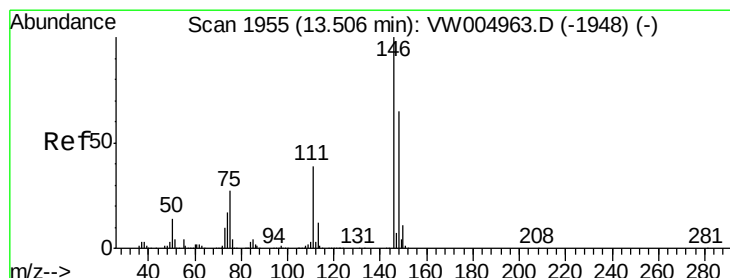
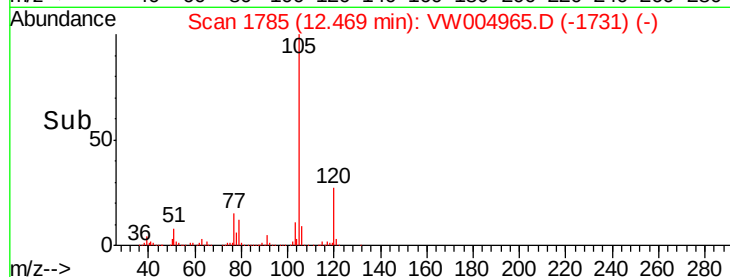
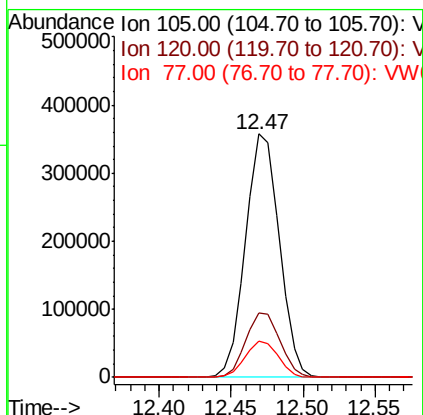
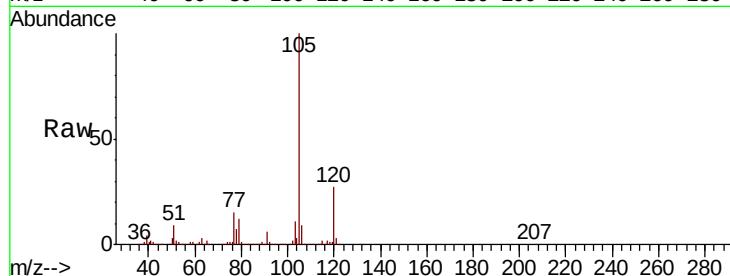
Tgt Ion:105 Resp: 581189

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 14.7 12.0 18.0



#63

1,3-Dichlorobenzene

Concen: 20.608 ug/L

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004965.D

Acq: 27 Aug 2018 11:44

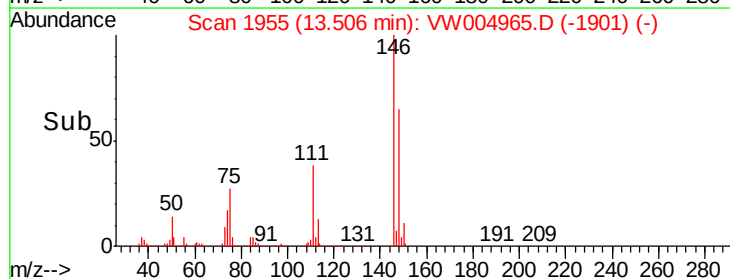
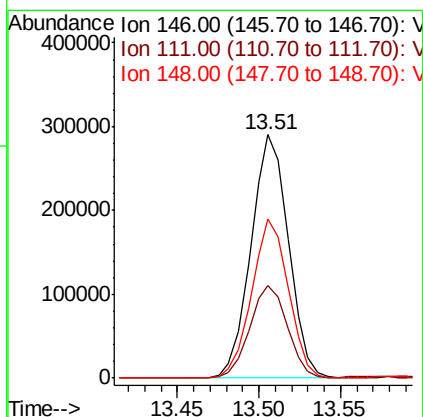
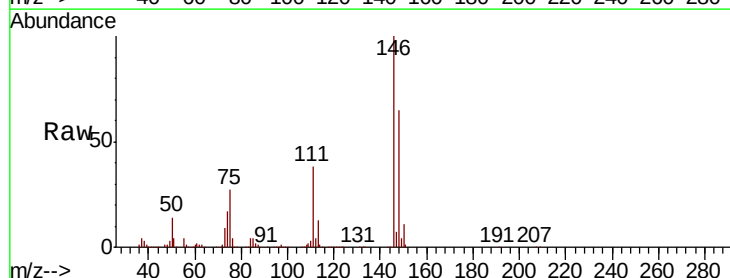
Tgt Ion:146 Resp: 464136

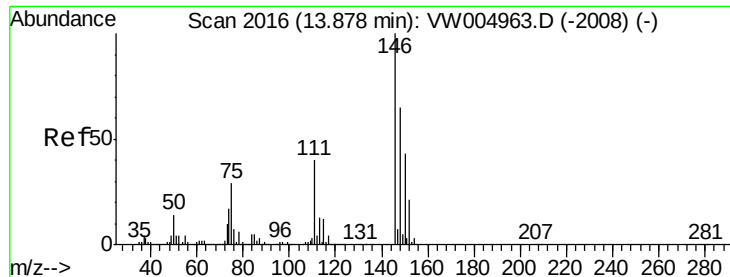
Ion Ratio Lower Upper

146 100

111 38.1 25.6 47.6

148 65.3 42.7 79.3

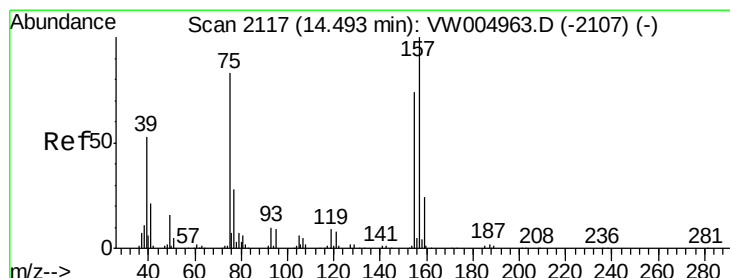
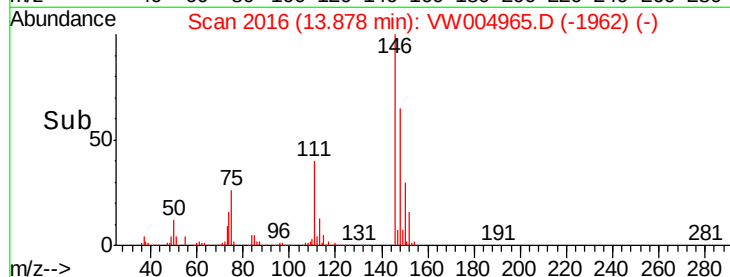
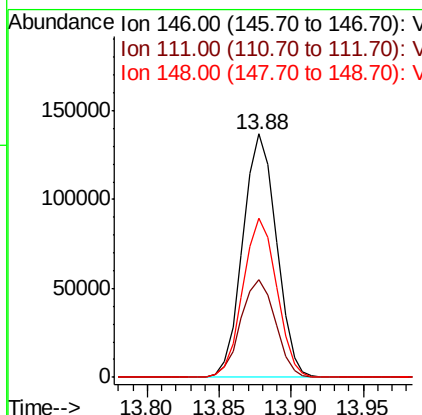
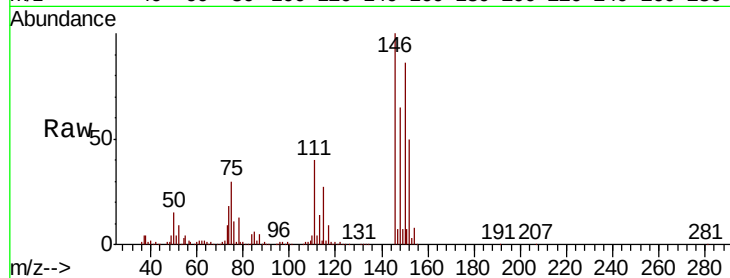




#65
 1,2-Dichlorobenzene
 Concen: 10.262 ug/L
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004965.D
 Acq: 27 Aug 2018 11:44

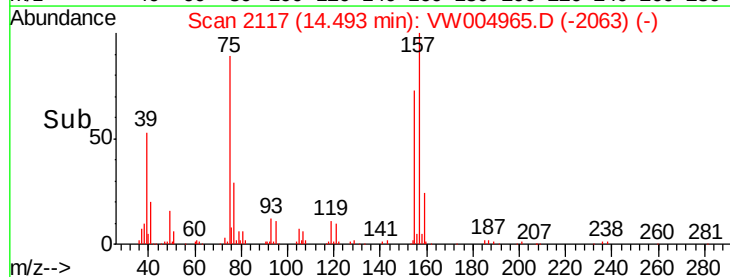
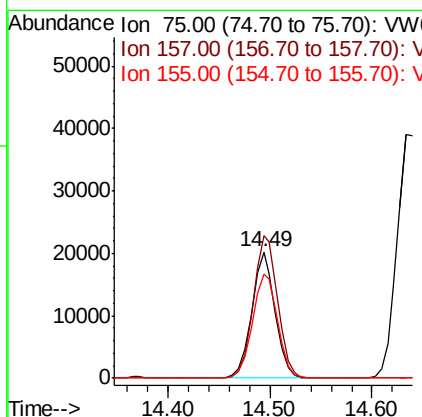
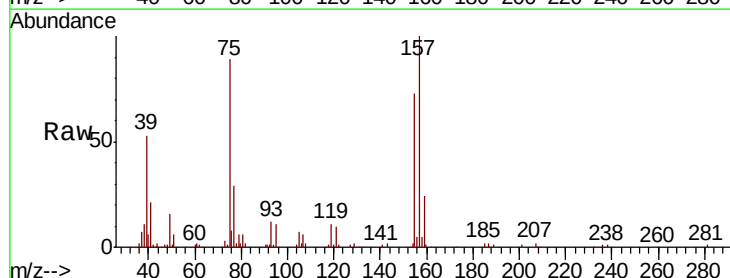
Instrument :
 MSVOA_W
 ClientSampleId :
 GAB73

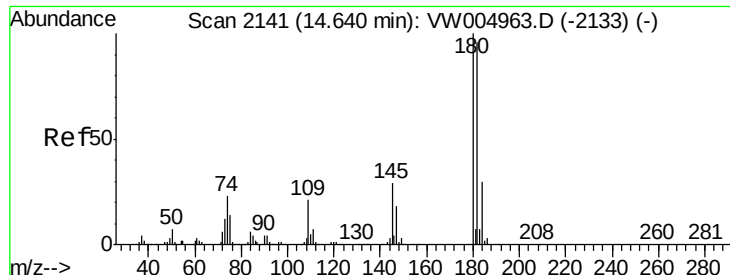
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	32.0	48.0
148	65.4	50.6	75.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 17.573 ug/L
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004965.D
 Acq: 27 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
157	112.6	90.7	136.1
155	82.2	69.5	104.3





#67
 1,3,5-Trichlorobenzene
 Concen: 25.536 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VW004965.D
 Acq: 27 Aug 2018 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB73

Tgt Ion:	180	Resp:	460194
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
184	30.4	24.3	36.5
145	28.0	23.0	34.6

