

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082318\
 Data File : VW004930.D
 Acq On : 24 Aug 2018 11:44
 Operator : SY/AP
 Sample : J4628-02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3E8

Quant Time: Aug 31 07:33:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 08:18:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	728756	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	750562	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	397166	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	310467	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.16%
7) Chloroethane-d5	2.89	69	235167	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
10) 1,1-Dichloroethene-d2	4.03	63	384905	21.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.52%
20) 2-Butanone-d5	7.09	46	117758	42.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.02%
24) Chloroform-d	7.66	84	369127	22.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	8.32	65	205940	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.72%
29) Benzene-d6	8.28	84	937803	24.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.16%
33) 1,2-Dichloropropane-d6	9.28	67	267864	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.44%
37) Toluene-d8	10.33	98	1006592	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.44%
38) trans-1,3-Dichloropropene-	10.59	79	115442	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.60%
39) 2-Hexanone-d5	10.93	63	123732	44.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.06%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	246358	21.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.44%
61) 1,2-Dichlorobenzene-d4	13.87	152	393511	24.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.22	50	346635	22.31	ug/L	97
6) Bromomethane	2.79	94	94791	11.50	ug/L	100
9) Trichlorofluoromethane	3.27	101	229589	14.42	ug/L	99
12) 1,1-Dichloroethene	4.05	96	191158	22.53	ug/L	96
13) Acetone	4.15	43	76705	35.32	ug/L	99
15) Methyl Acetate	4.69	43	171942	35.02	ug/L	97
16) Methylene chloride	4.93	84	154111	10.91	ug/L	96
17) Methyl tert-butyl Ether	5.44	73	613526	33.48	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	97623	11.05	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	242803	25.47	ug/L	97
23) Bromochloromethane	7.53	128	70399	13.98	ug/L	93
27) 1,2-Dichloroethane	8.41	62	103696	9.79	ug/L	95
30) Cyclohexane	7.96	56	172086	10.77	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	151086	10.45	ug/L	100
32) Carbon tetrachloride	8.07	117	166663	12.89	ug/L	99
35) Trichloroethene	9.10	95	430388	40.44	ug/L	99
36) Methylcyclohexane	9.34	83	512296	26.03	ug/L	100

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 Response via : Initial Calibration

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

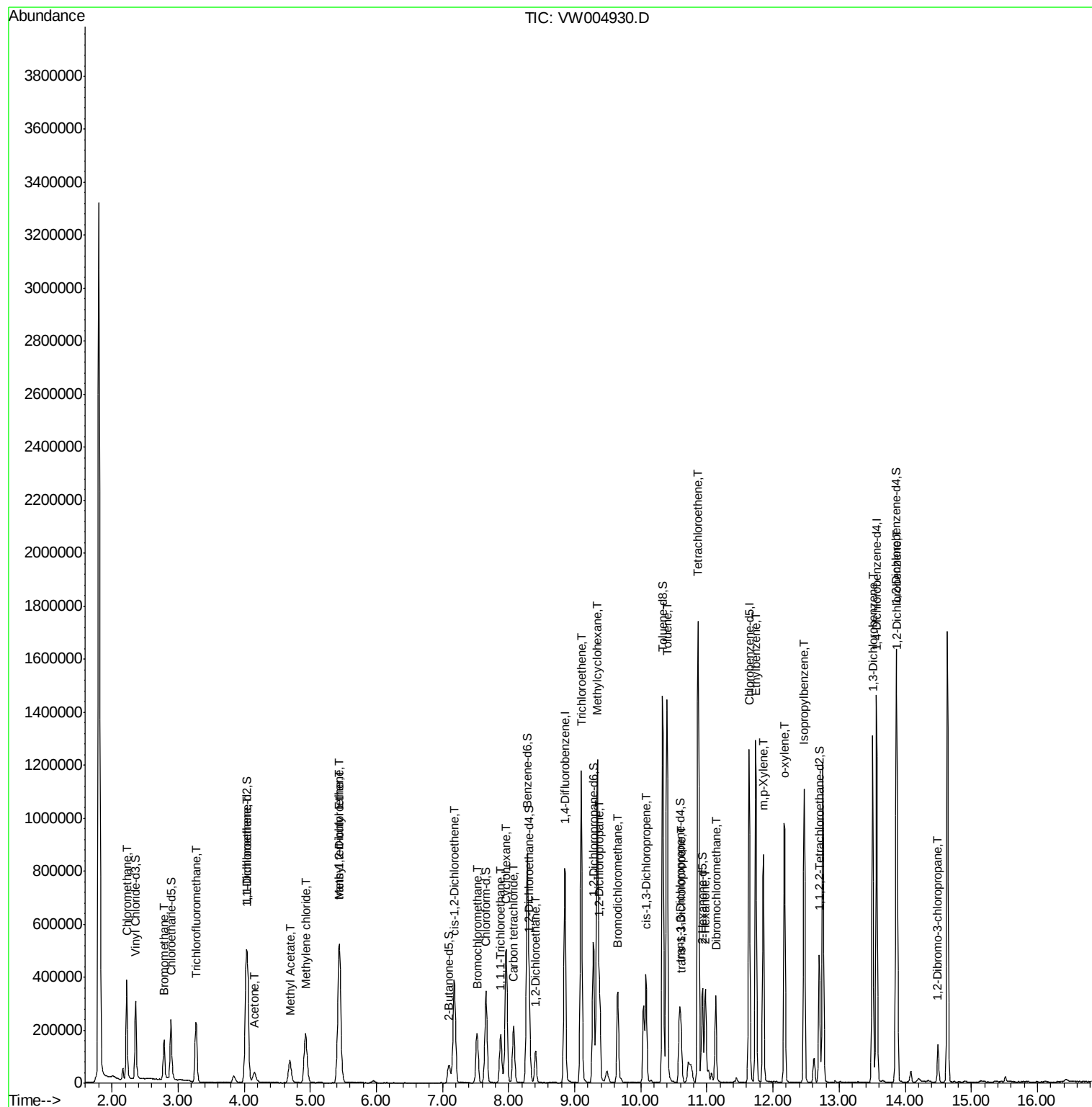
40) 1,2-Dichloropropane	9.37	63	132947	12.63	ug/L	98
41) Bromodichloromethane	9.65	83	236091	20.35	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	255643	17.49	ug/L	99
44) Toluene	10.40	91	1129106	21.97	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	107830	8.14	ug/L	98
47) Tetrachloroethene	10.87	164	431866	41.45	ug/L	98
49) 2-Hexanone	10.98	43	220640	36.74	ug/L	100
50) Dibromochloromethane	11.13	129	174497	19.13	ug/L	99
53) Ethylbenzene	11.74	91	916612	15.85	ug/L	100
54) m,p-Xylene	11.85	106	247394	11.03	ug/L	97
55) o-xylene	12.18	106	277600	13.24	ug/L	98
57) Isopropylbenzene	12.48	105	736918	13.16	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	570435	20.85	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	271734	10.36	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	36861	16.58	ug/L	94

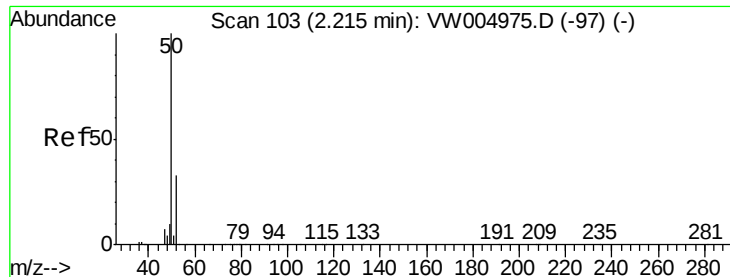
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 22.31 ug/L

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

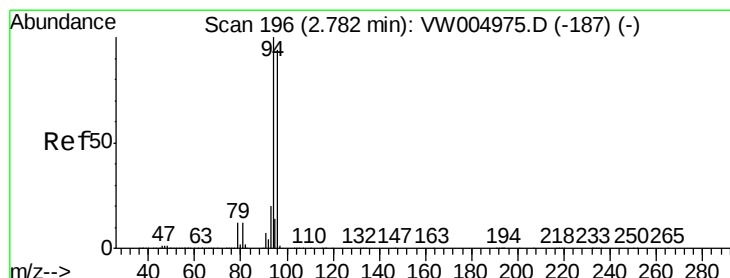
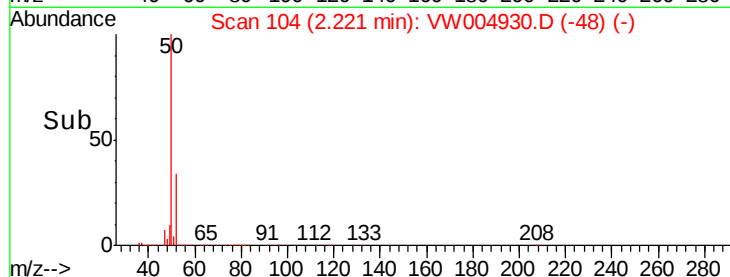
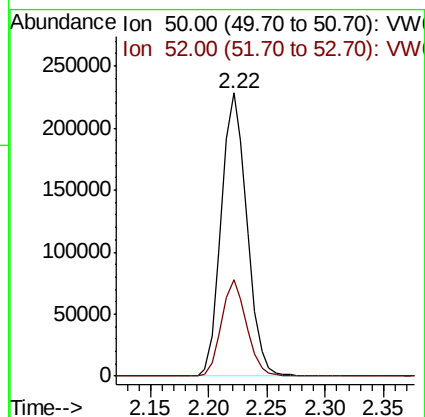
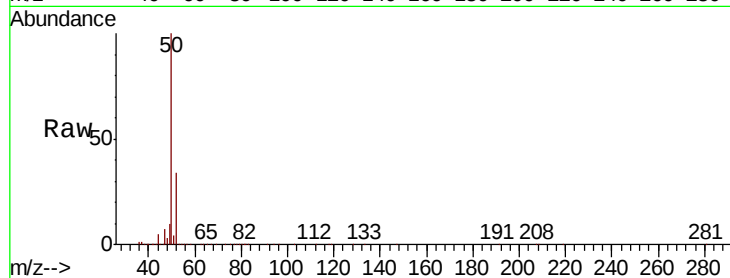
DB3E8

Tot Ion: 50 Resp: 346635

Ion Ratio Lower Upper

50 100

52 34.1 22.5 41.9



#6

Bromomethane

Concen: 11.50 ug/L

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004930.D

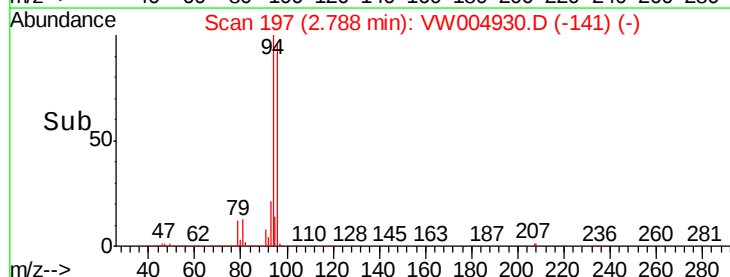
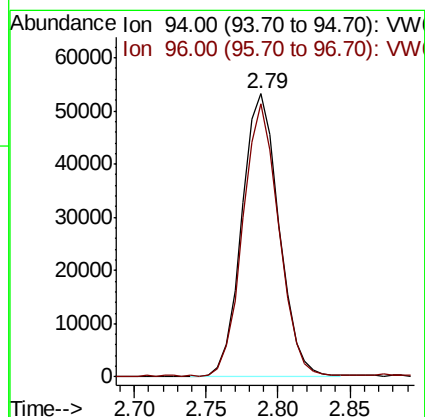
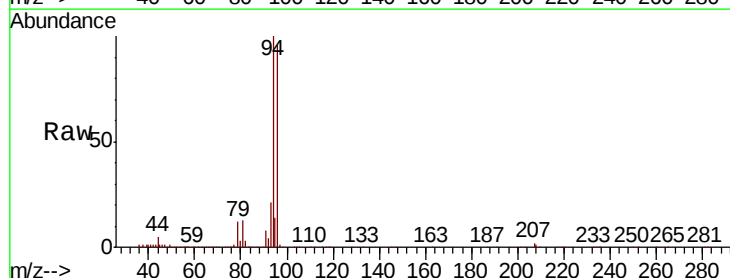
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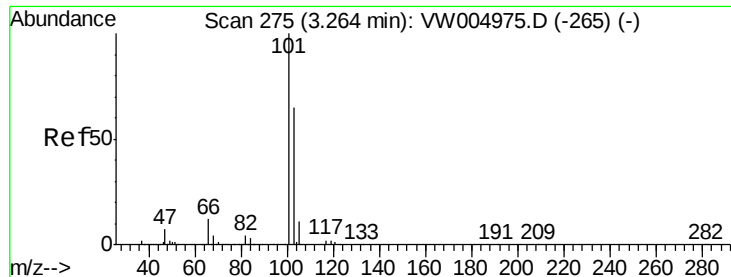
Tgt Ion: 94 Resp: 94791

Ion Ratio Lower Upper

94 100

96 93.2 9.3 177.7



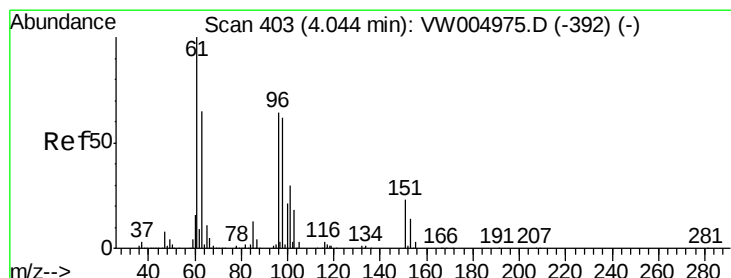
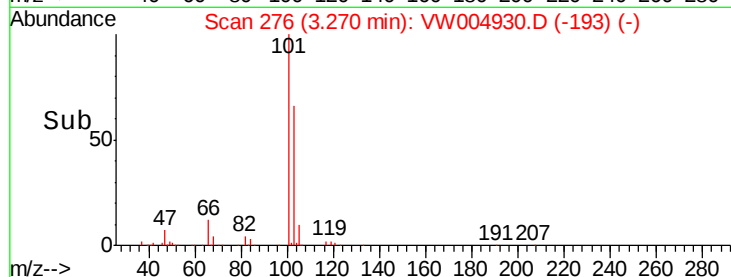
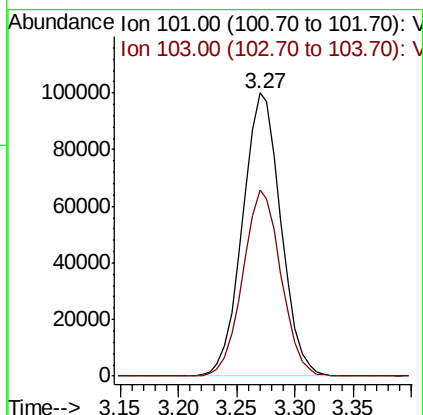
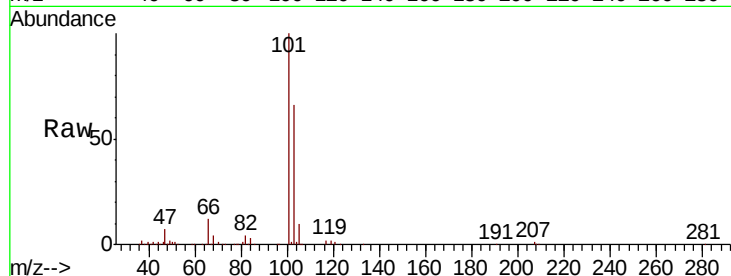


#9

Trichlorofluoromethane
Concen: 14.42 ug/L
RT: 3.27 min Scan# 276
Delta R.T. 0.01 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

Instrument :
MSVOA_W
ClientSampleId :
DB3E8

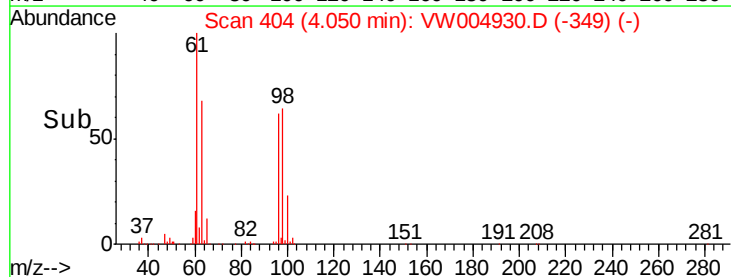
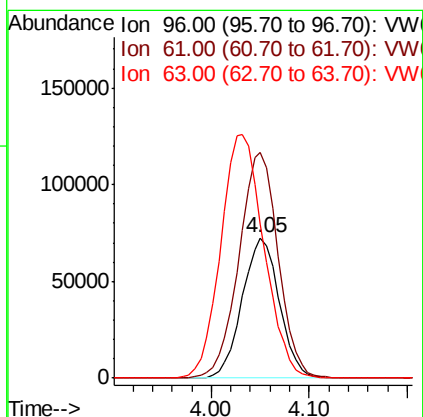
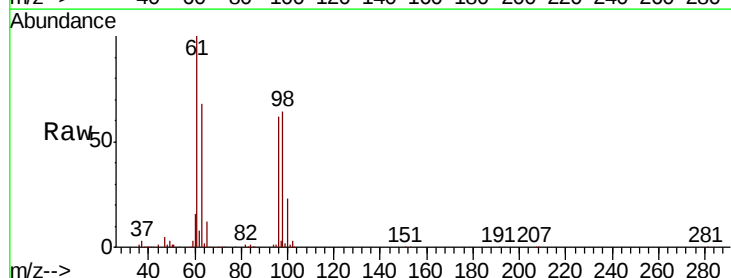
Tot Ion:101 Resp: 229589
Ion Ratio Lower Upper
101 100
103 65.6 45.1 83.7

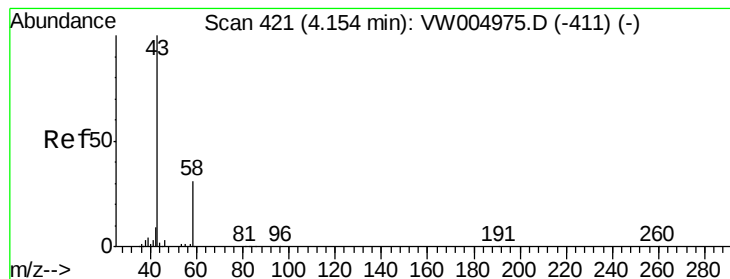


#12

1,1-Dichloroethene
Concen: 22.53 ug/L
RT: 4.05 min Scan# 404
Delta R.T. 0.01 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

Tgt Ion: 96 Resp: 191158
Ion Ratio Lower Upper
96 100
61 161.7 107.0 198.8
63 110.5 76.9 142.7





#13

Acetone

Concen: 35.32 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

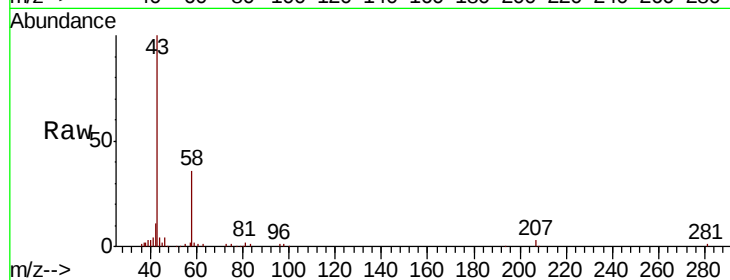
DB3E8

Tot Ion: 43 Resp: 76705

Ion Ratio Lower Upper

43 100

58 34.2 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

25000

20000

15000

10000

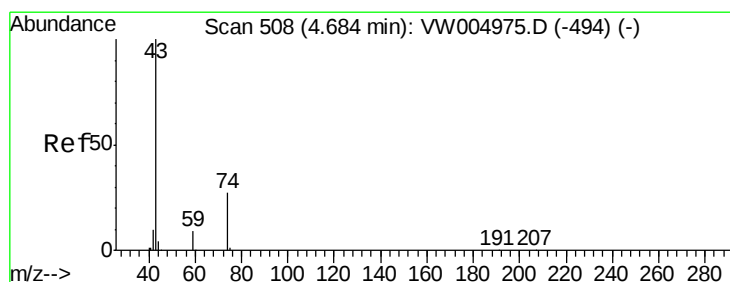
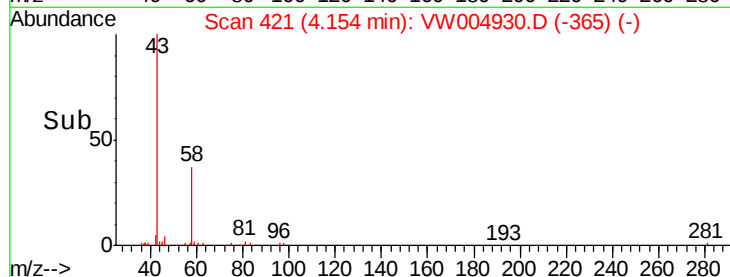
5000

0

4.15

4.10 4.20 4.30

Time-->



#15

Methyl Acetate

Concen: 35.02 ug/L

RT: 4.69 min Scan# 509

Delta R.T. 0.01 min

Lab File: VW004930.D

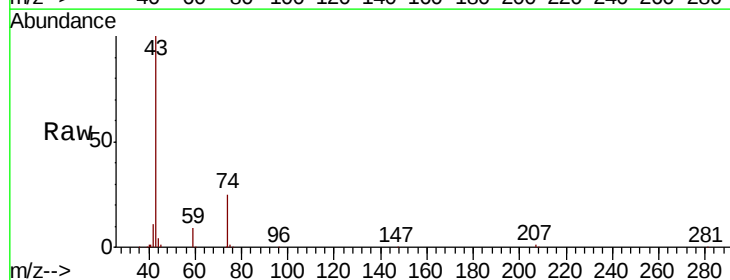
Acq: 24 Aug 2018 11:44

Tgt Ion: 43 Resp: 171942

Ion Ratio Lower Upper

43 100

74 24.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

60000

50000

40000

30000

20000

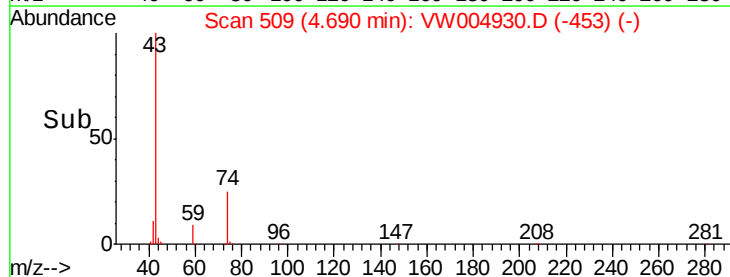
10000

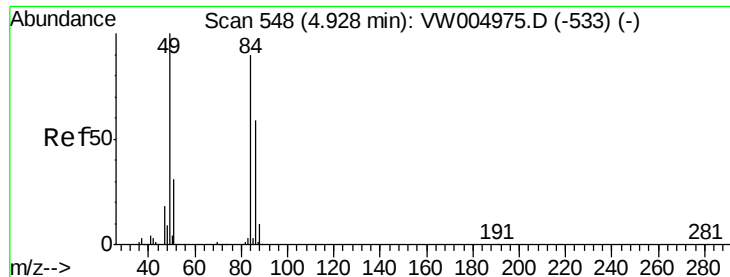
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4.69

4.60 4.70 4.80

Time-->

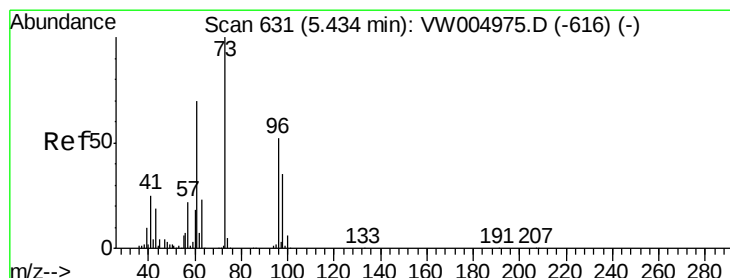
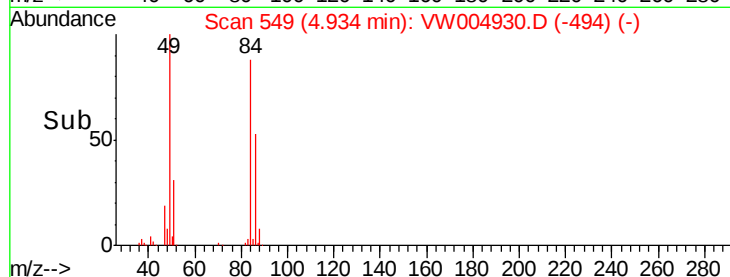
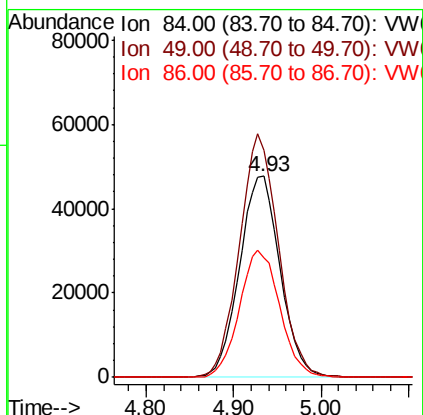
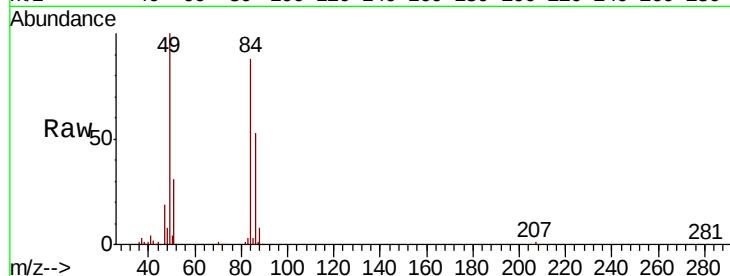




#16
Methylene chloride
Concen: 10.91 ug/L
RT: 4.93 min Scan# 549
Delta R.T. 0.01 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

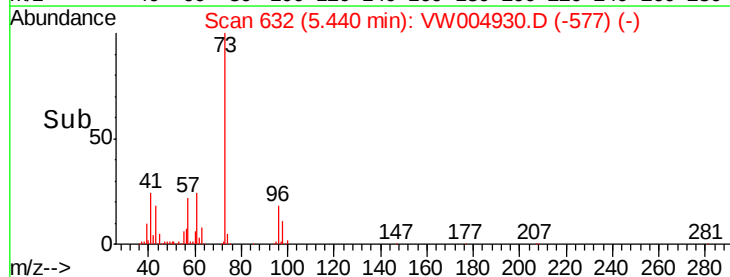
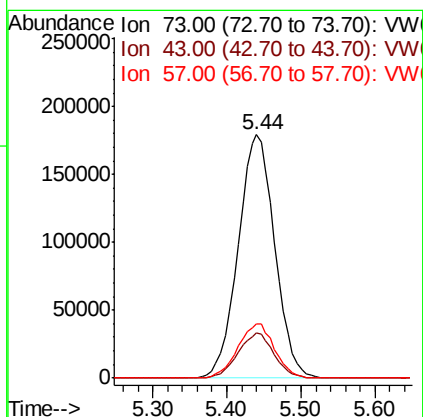
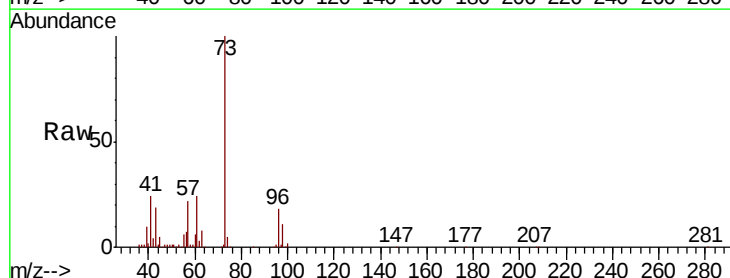
Instrument :
MSVOA_W
ClientSampled :
DB3E8

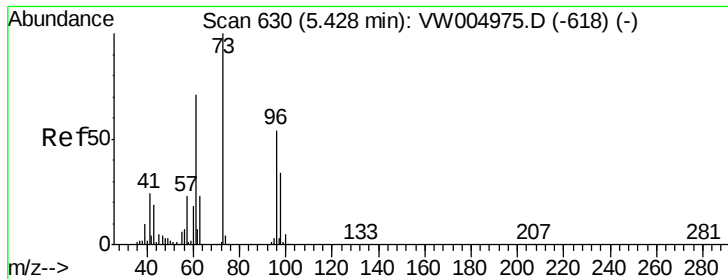
Tot Ion: 84 Resp: 154111
Ion Ratio Lower Upper
84 100
49 113.2 83.8 155.6
86 59.7 42.6 79.0



#17
Methyl tert-butyl Ether
Concen: 33.48 ug/L
RT: 5.44 min Scan# 632
Delta R.T. 0.01 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

Tgt Ion: 73 Resp: 613526
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 22.6 18.2 27.4

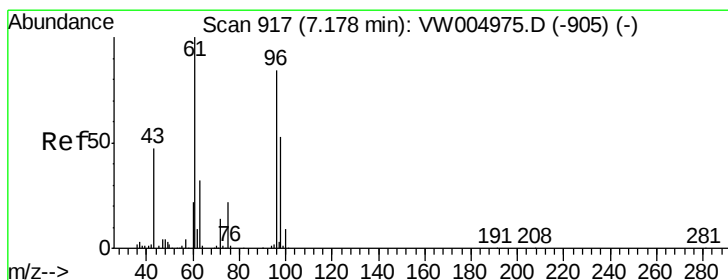
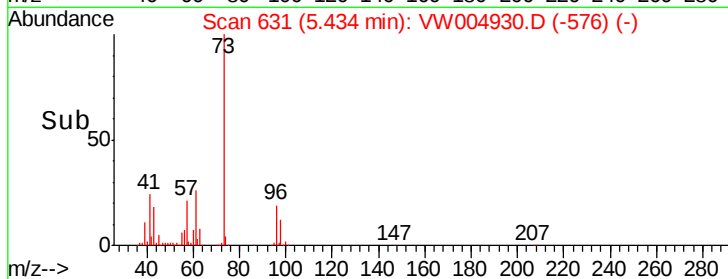
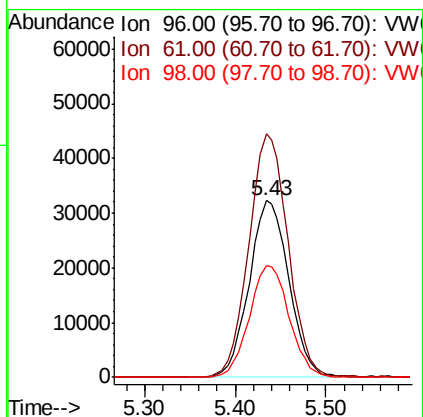
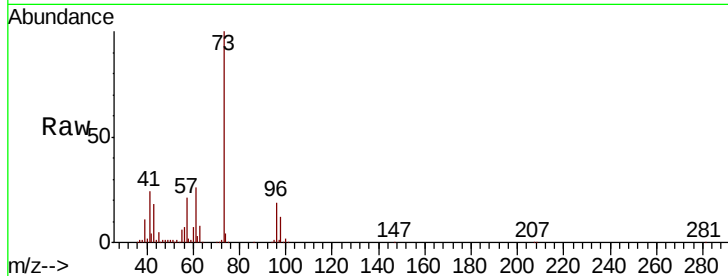




#18
 trans-1,2-Dichloroethene
 Concen: 11.05 ug/L
 RT: 5.43 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VW004930.D
 Acq: 24 Aug 2018 11:44

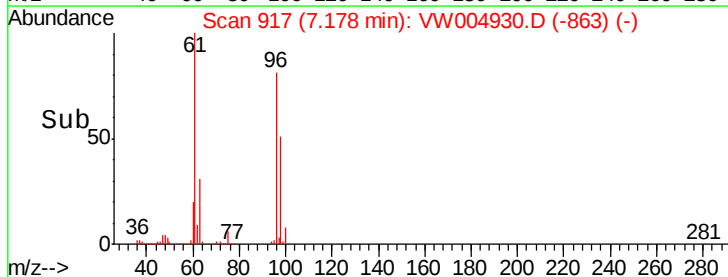
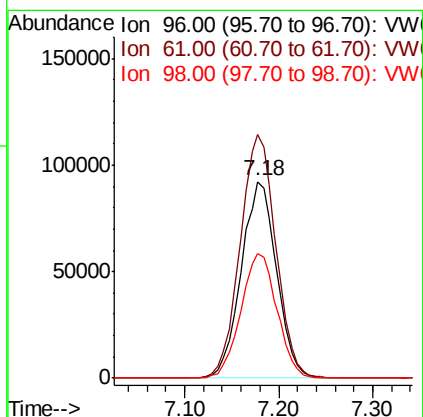
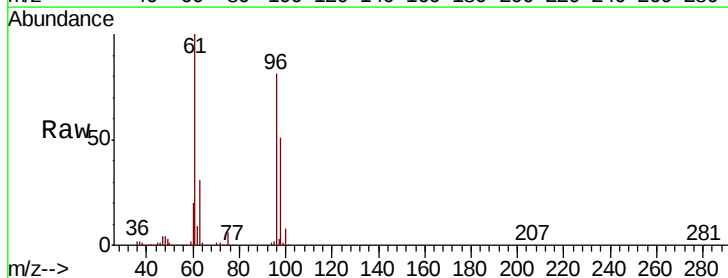
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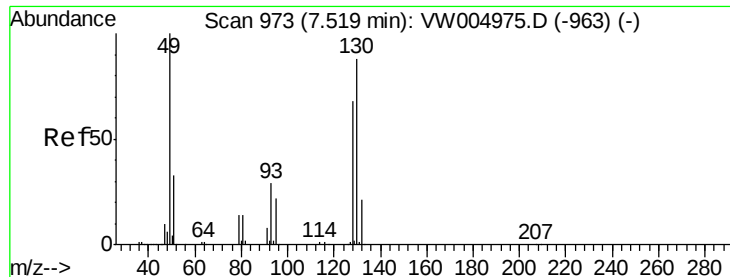
Tot Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	138.0	92.5	171.9
98	98	63.2	42.8	79.4



#22
 cis-1,2-Dichloroethene
 Concen: 25.47 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW004930.D
 Acq: 24 Aug 2018 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	123.8	89.7	166.7
98	98	63.6	45.0	83.6

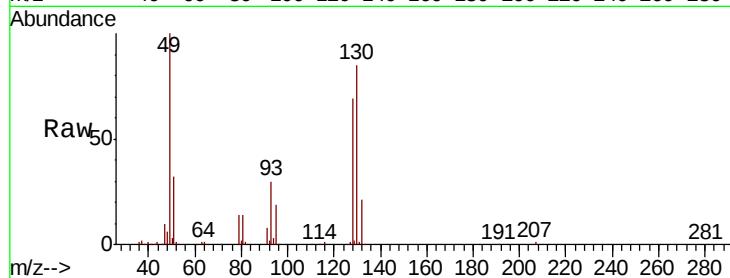




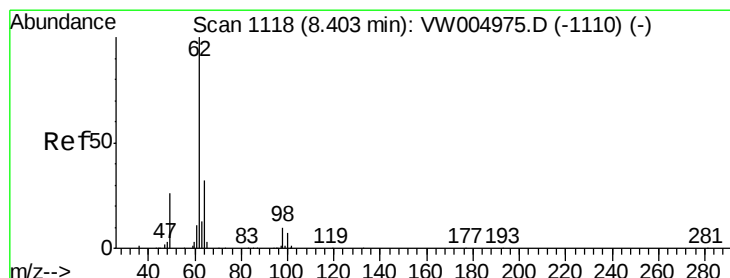
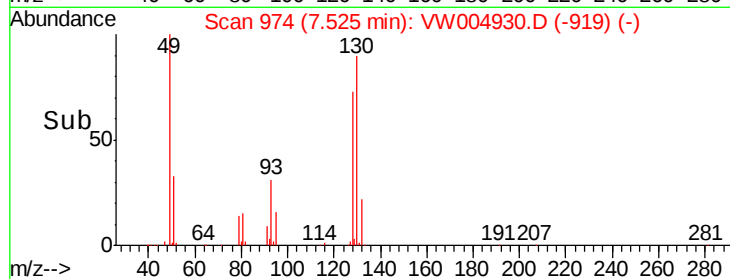
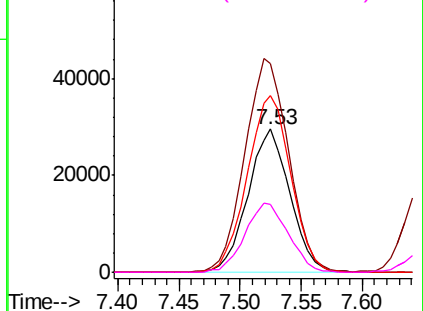
#23
Bromochloromethane
Concen: 13.98 ug/L
RT: 7.53 min Scan# 974
Delta R.T. 0.01 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

Instrument :
MSVOA_W
ClientSampleId :
DB3E8

Tot Ion:128 Resp: 70399
Ion Ratio Lower Upper
128 100
49 145.7 111.3 206.7
130 123.8 90.2 167.6
51 47.2 39.3 58.9

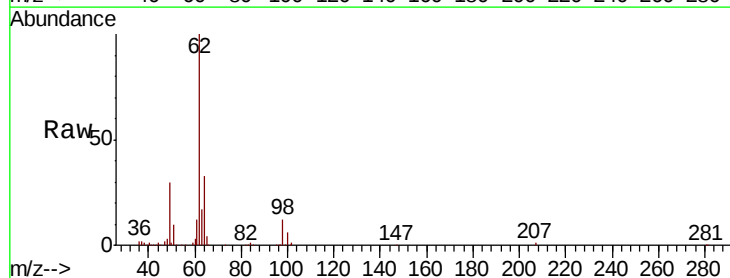


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW

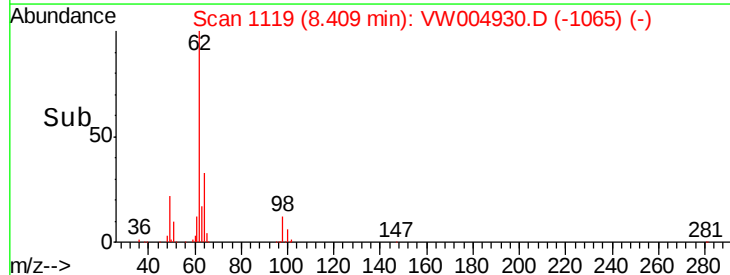
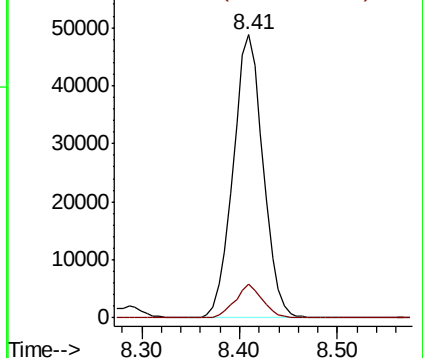


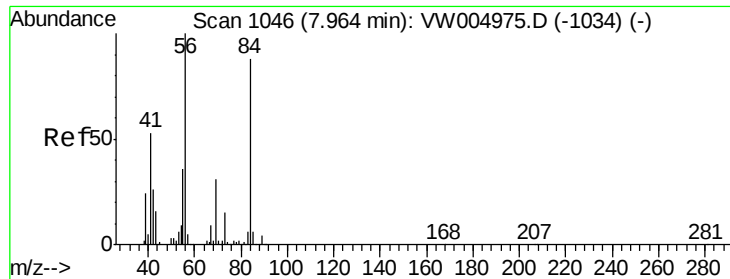
#27
1,2-Dichloroethane
Concen: 9.79 ug/L
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

Tgt Ion: 62 Resp: 103696
Ion Ratio Lower Upper
62 100
98 11.8 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VW
Ion 98.00 (97.70 to 98.70): VW

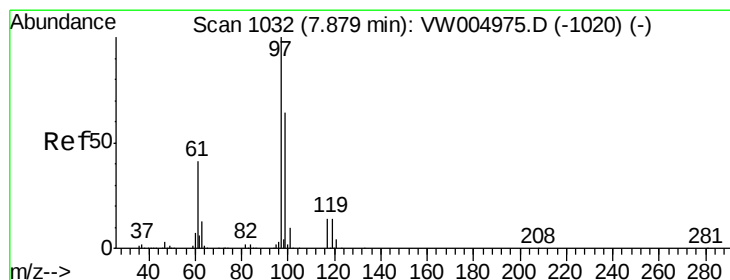
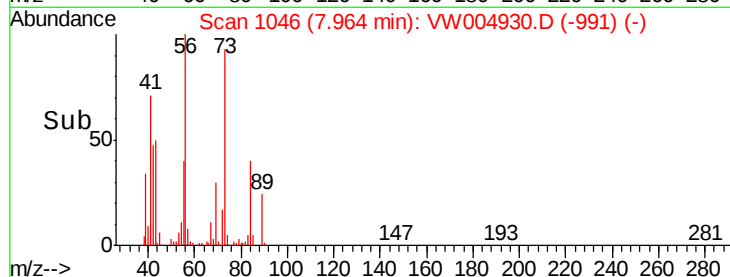
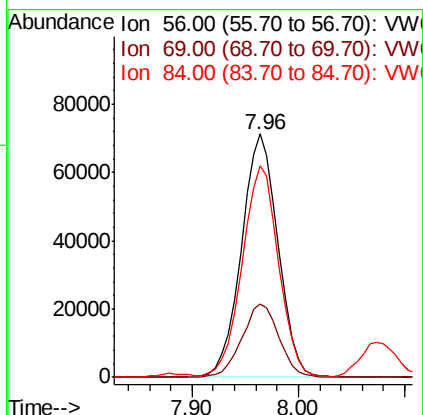
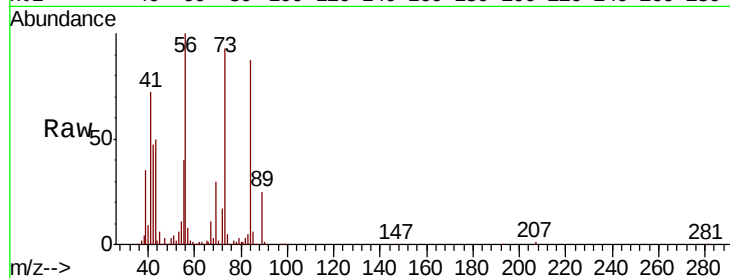




#30
Cyclohexane
Concen: 10.77 ug/L
RT: 7.96 min Scan# 1046
Delta R.T. 0.01 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

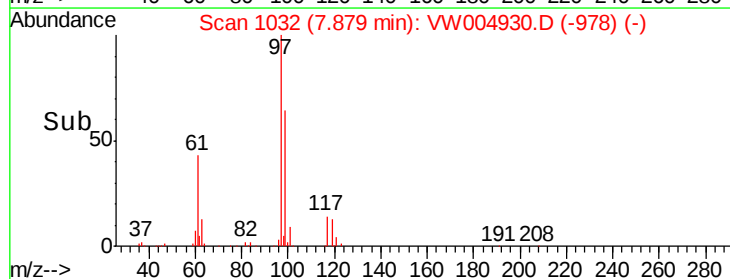
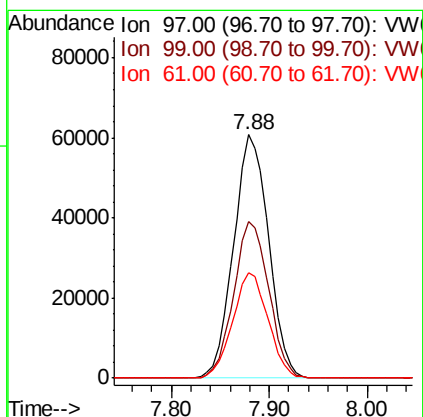
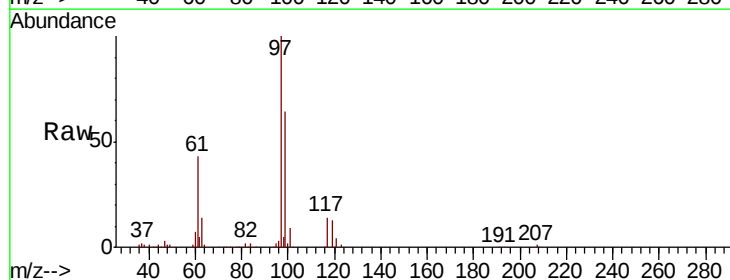
Instrument :
MSVOA_W
ClientSampleId :
DB3E8

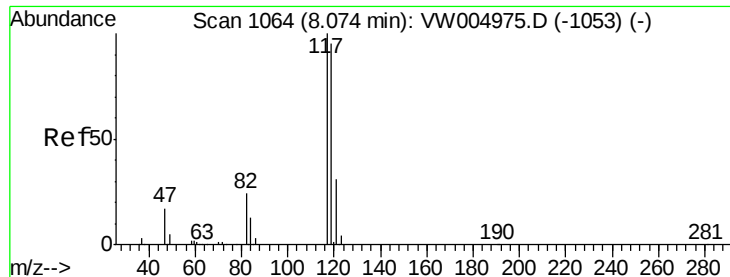
Tot Ion: 56 Resp: 172086
Ion Ratio Lower Upper
56 100
69 30.2 24.1 36.1
84 86.9 67.7 101.5



#31
1,1,1-Trichloroethane
Concen: 10.45 ug/L
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

Tgt Ion: 97 Resp: 151086
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 43.6 34.9 52.3





#32

Carbon tetrachloride

Concen: 12.89 ug/L

RT: 8.07 min Scan# 1064

Delta R.T. -0.00 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

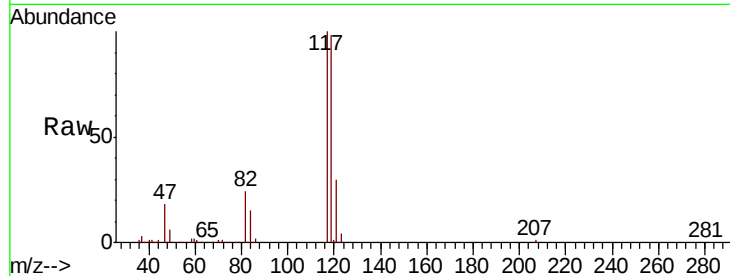
DB3E8

Tot Ion:117 Resp: 166663

Ion Ratio Lower Upper

117 100

119 96.5 78.2 117.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

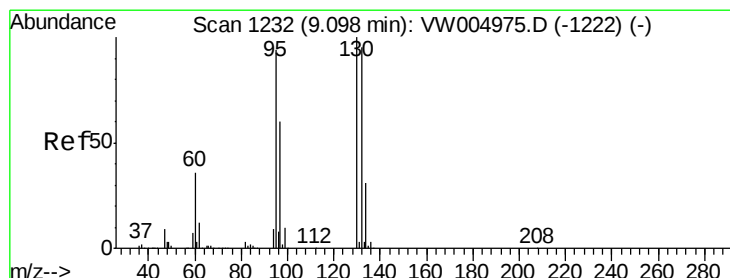
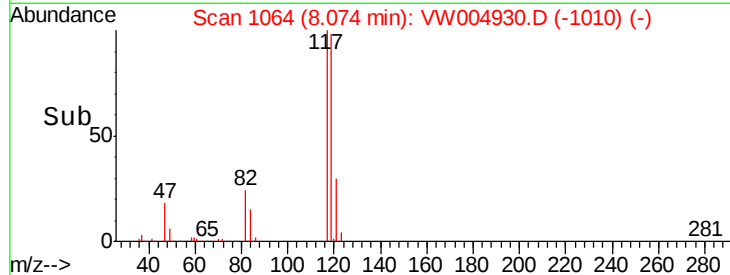
60000

40000

20000

0

Time--> 7.95 8.00 8.05 8.10 8.15



#35

Trichloroethene

Concen: 40.44 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Tgt Ion: 95 Resp: 430388

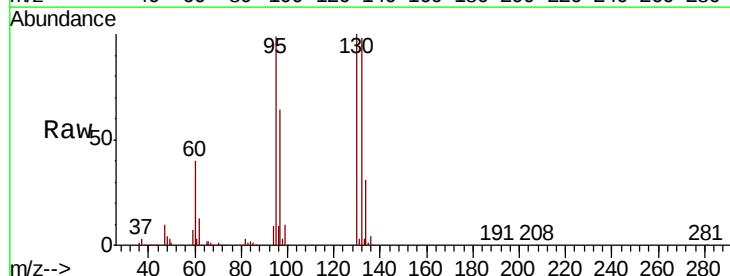
Ion Ratio Lower Upper

95 100

97 64.4 45.9 85.3

132 99.3 69.2 128.4

130 103.2 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

9.10

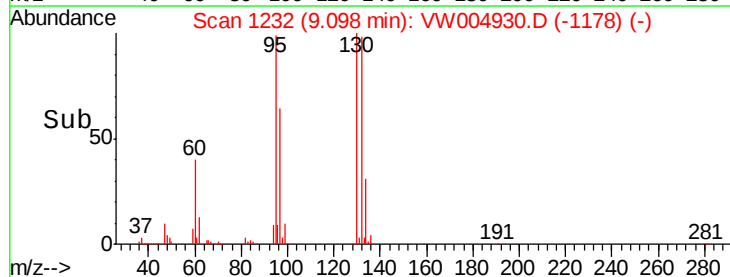
300000

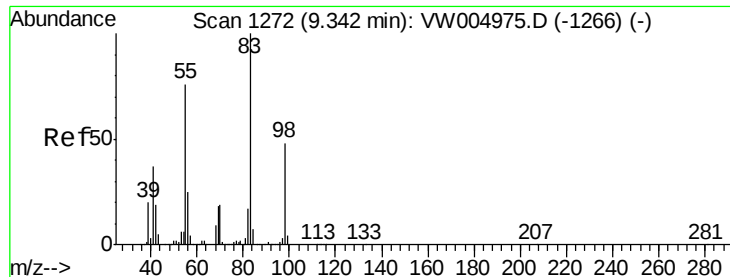
200000

100000

0

Time--> 9.00 9.05 9.10 9.15 9.20

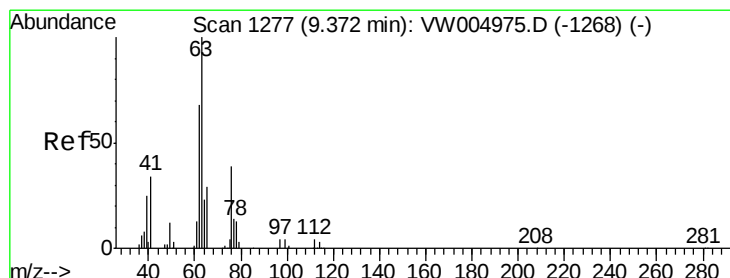
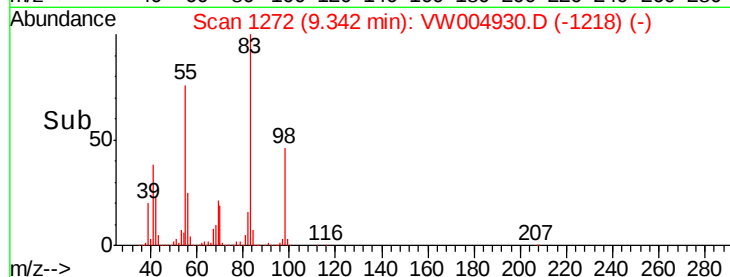
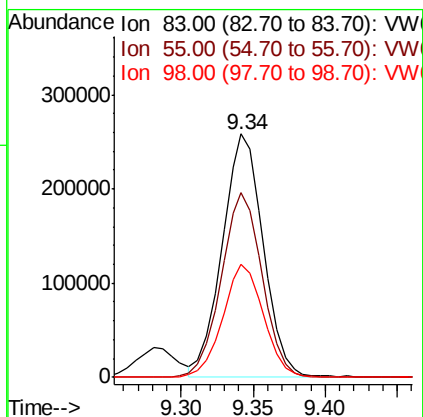
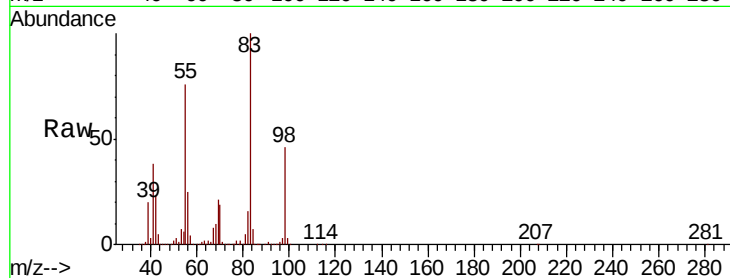




#36
Methvlcvclohexane
Concen: 26.03 ug/L
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

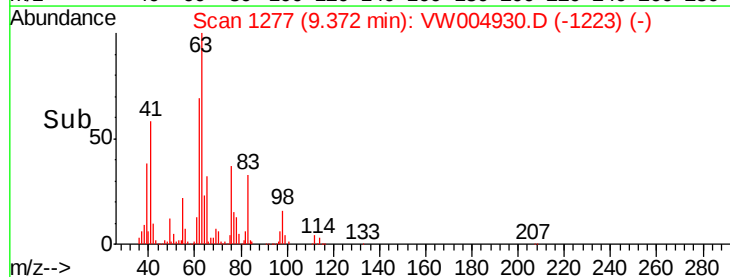
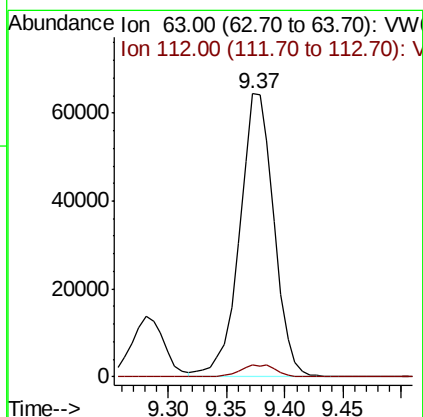
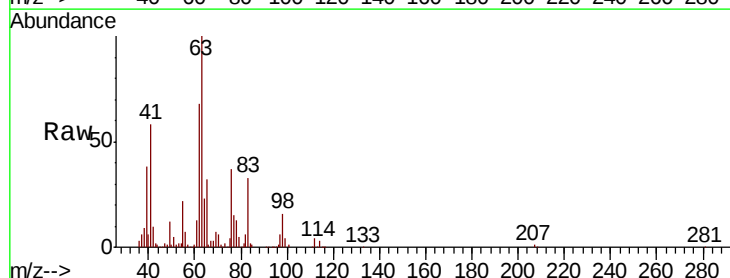
Instrument :
MSVOA_W
ClientSampleId :
DB3E8

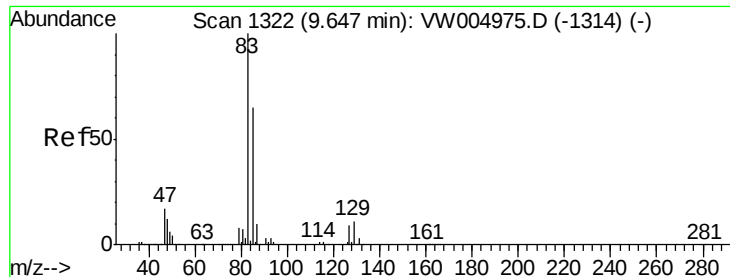
Tot Ion: 83 Resp: 512296
Ion Ratio Lower Upper
83 100
55 76.2 61.1 91.7
98 46.2 37.0 55.4



#40
1,2-Dichloropropane
Concen: 12.63 ug/L
RT: 9.37 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

Tgt Ion: 63 Resp: 132947
Ion Ratio Lower Upper
63 100
112 4.7 3.2 4.8





#41

Bromodichloromethane

Concen: 20.35 ug/L

RT: 9.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

DB3E8

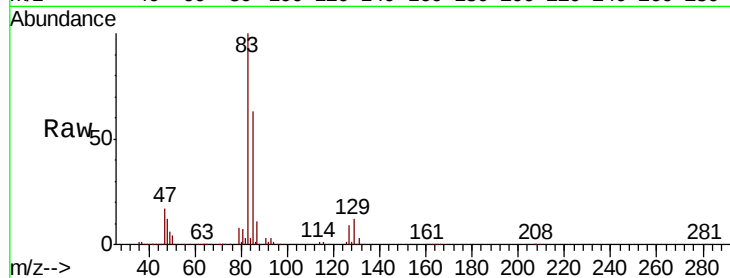
Tot Ion: 83 Resp: 236091

Ion Ratio Lower Upper

83 100

85 62.6 43.6 81.0

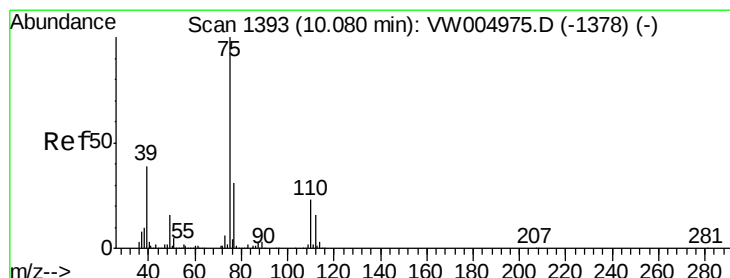
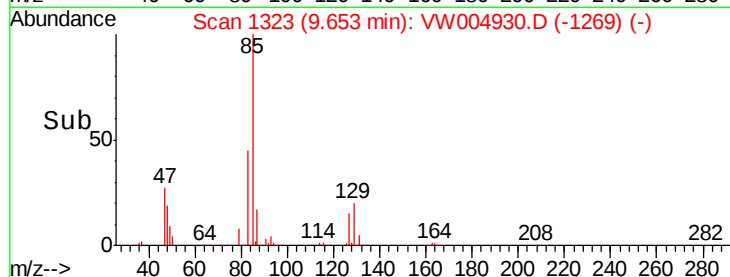
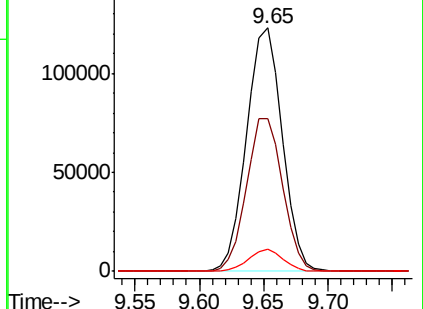
127 9.0 7.0 10.6



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: 17.49 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004930.D

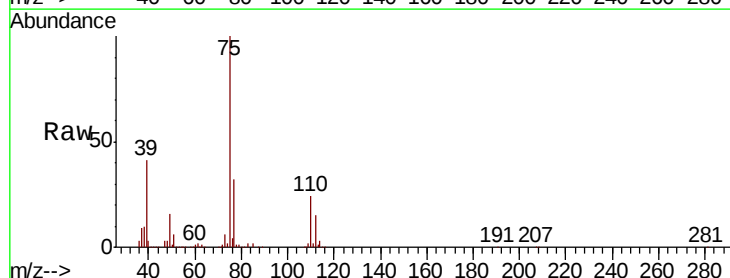
Acq: 24 Aug 2018 11:44

Tgt Ion: 75 Resp: 255643

Ion Ratio Lower Upper

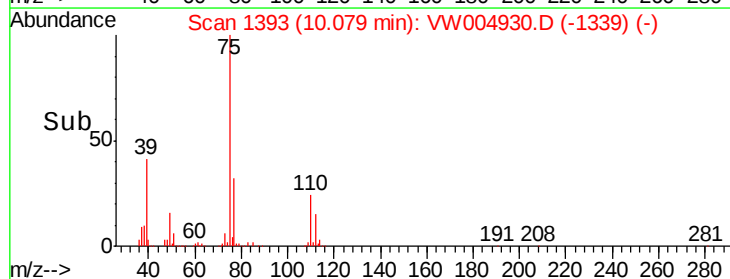
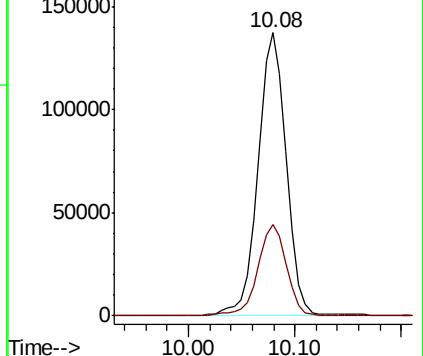
75 100

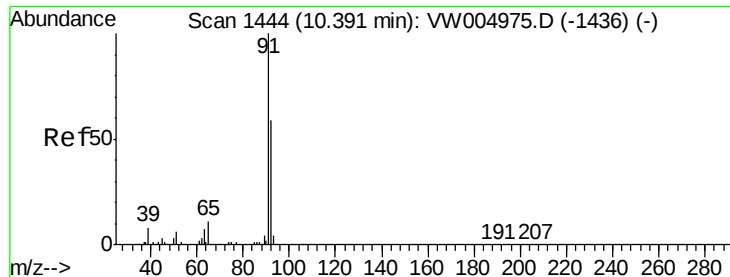
77 32.3 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 21.97 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

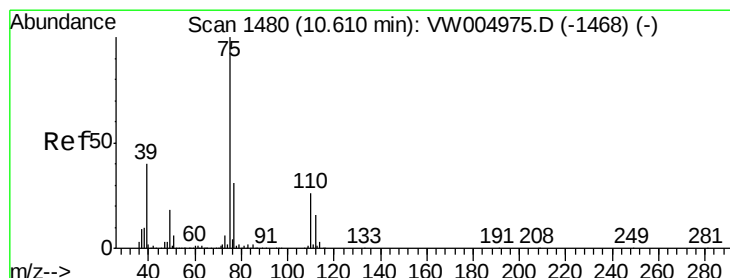
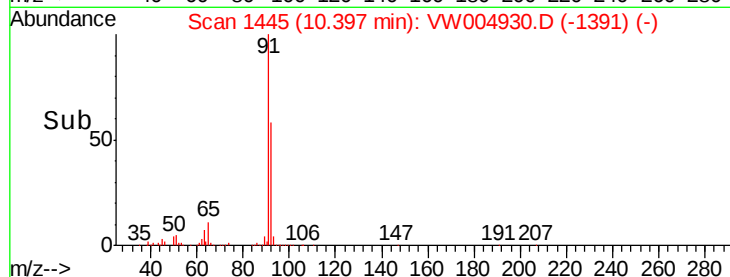
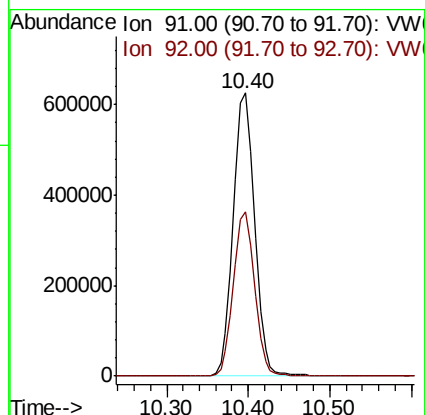
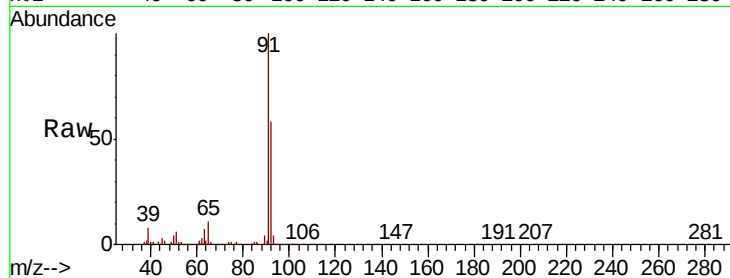
DB3E8

Tot Ion: 91 Resp: 1129106

Ion Ratio Lower Upper

91 100

92 57.8 40.6 75.4



#45

trans-1,3-Dichloropropene

Concen: 8.14 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004930.D

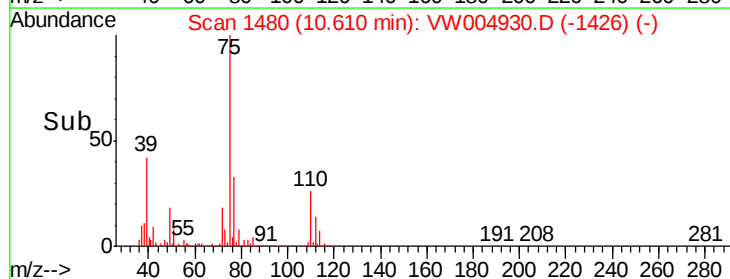
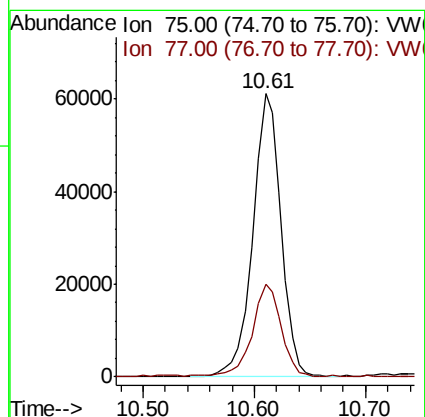
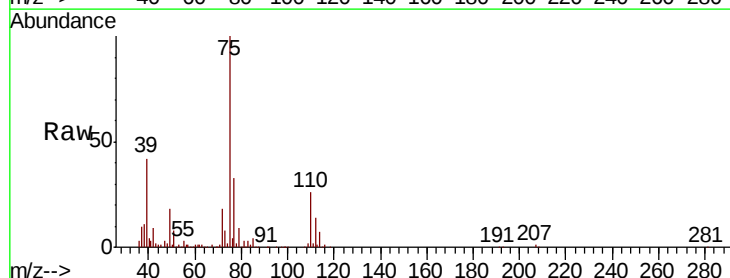
Acq: 24 Aug 2018 11:44

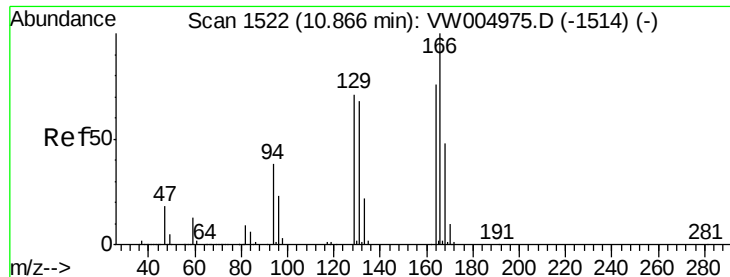
Tgt Ion: 75 Resp: 107830

Ion Ratio Lower Upper

75 100

77 32.6 22.2 41.2

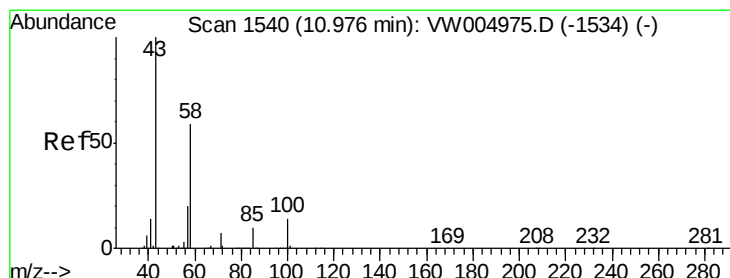
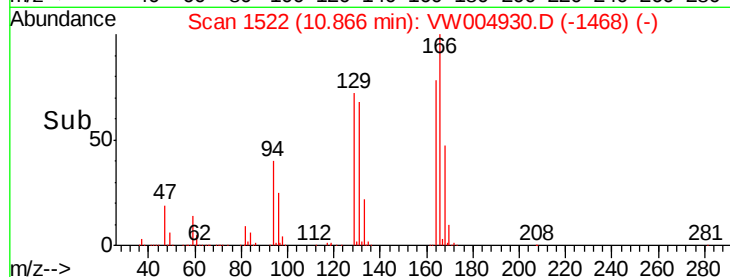
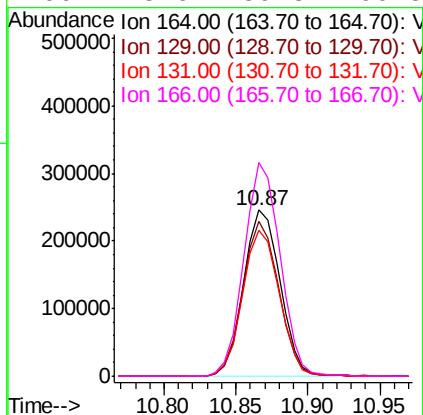
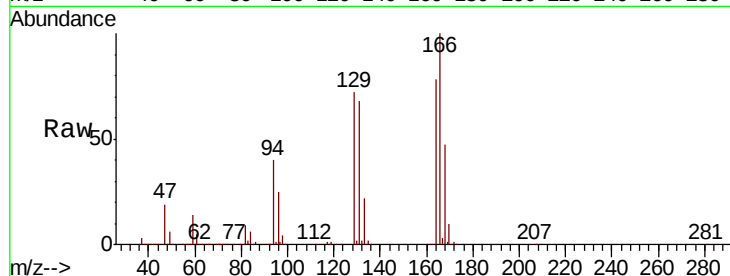




#47
Tetrachloroethene
Concen: 41.45 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

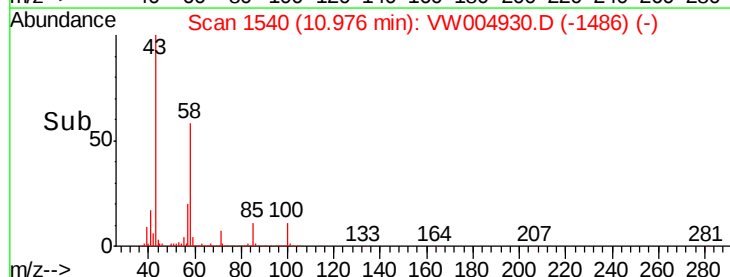
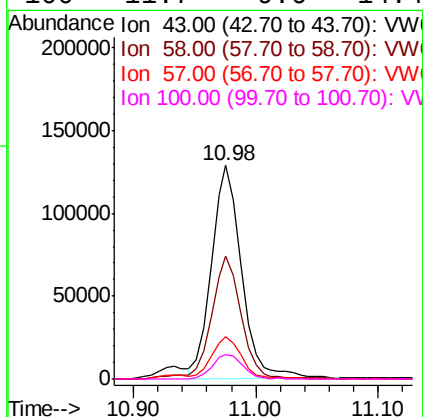
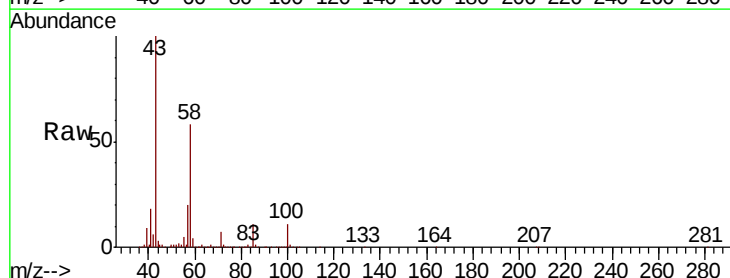
Instrument :
MSVOA_W
ClientSampleId :
DB3E8

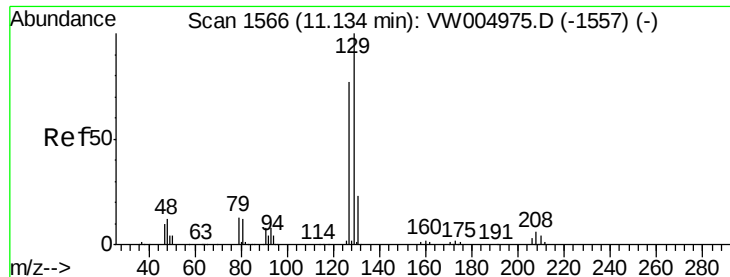
Tot Ion	Ratio	Lower	Upper
164	100		
129	92.9	66.8	124.0
131	87.8	64.0	119.0
166	128.6	89.8	166.8



#49
2-Hexanone
Concen: 36.74 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004930.D
Acq: 24 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.6	67.0
57	19.3	15.4	23.2
100	11.7	9.6	14.4





#50

Dibromochloromethane

Concen: 19.13 ug/L

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

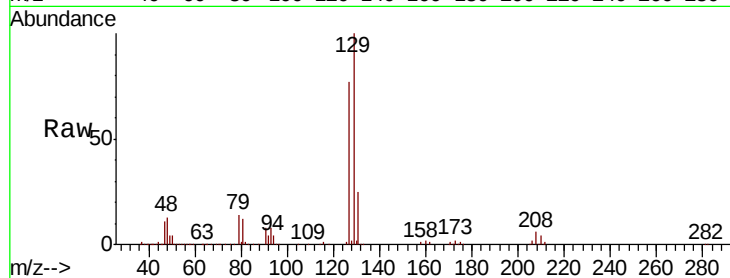
DB3E8

Tot Ion:129 Resp: 174497

Ion Ratio Lower Upper

129 100

127 77.4 53.8 99.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

11.13

100000

80000

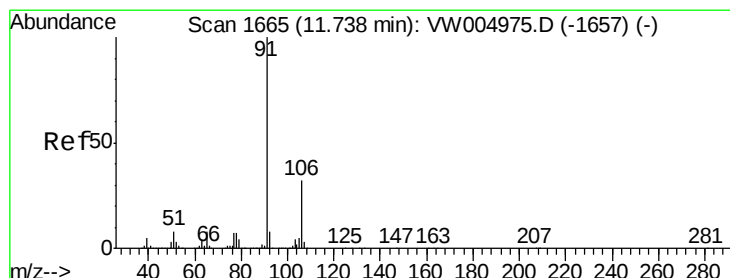
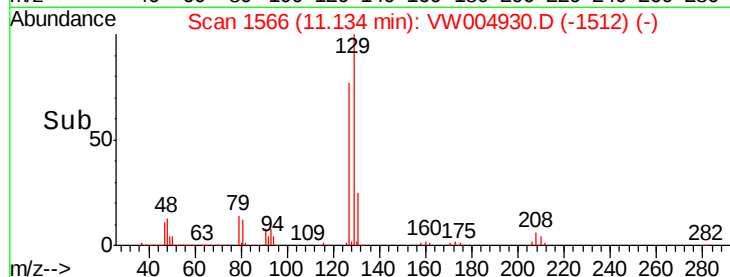
60000

40000

20000

0

Time-->



#53

Ethylbenzene

Concen: 15.85 ug/L

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004930.D

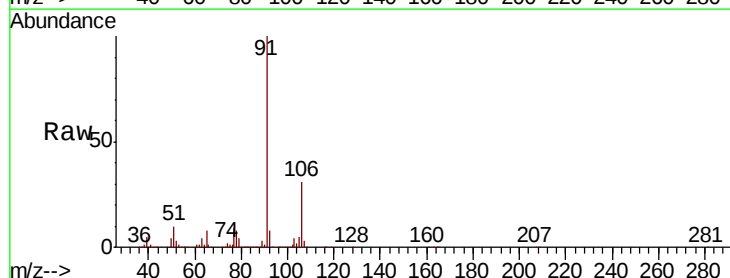
Acq: 24 Aug 2018 11:44

Tgt Ion: 91 Resp: 916612

Ion Ratio Lower Upper

91 100

106 30.7 21.6 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

11.74

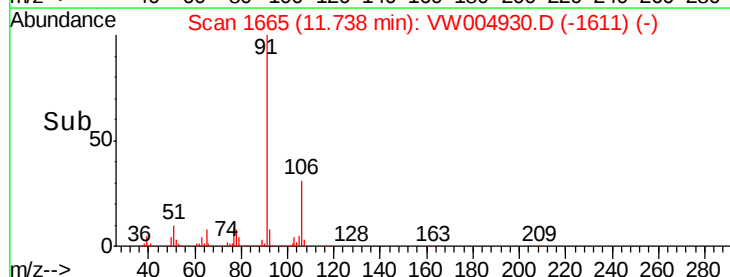
600000

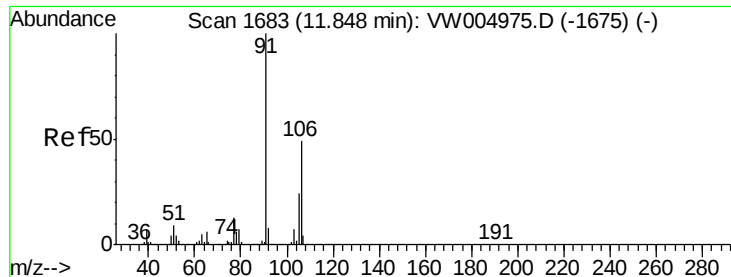
400000

200000

0

Time-->





#54

m,p-Xylene

Concen: 11.03 ug/L

RT: 11.85 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampled :

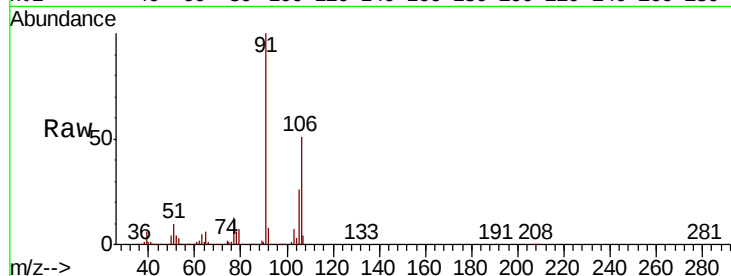
DB3E8

Tot Ion:106 Resp: 247394

Ion Ratio Lower Upper

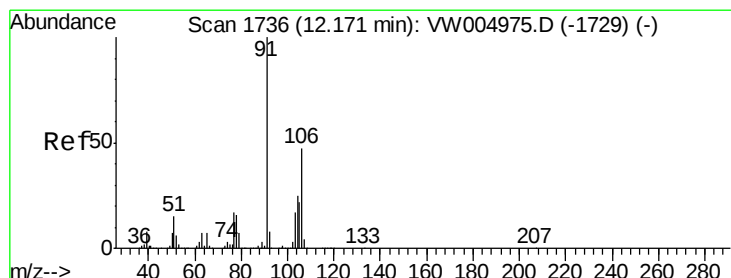
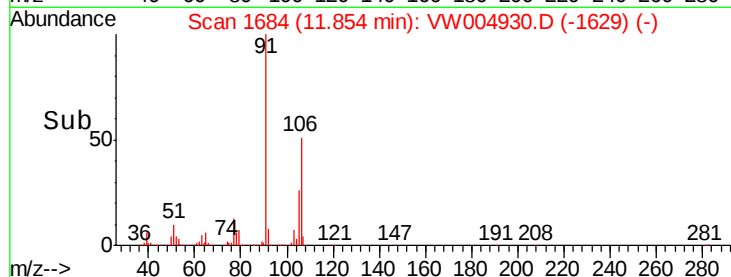
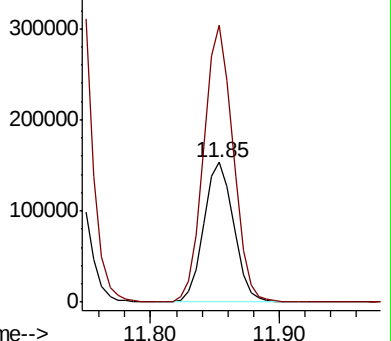
106 100

91 198.0 141.4 262.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 13.24 ug/L

RT: 12.18 min Scan# 1737

Delta R.T. 0.01 min

Lab File: VW004930.D

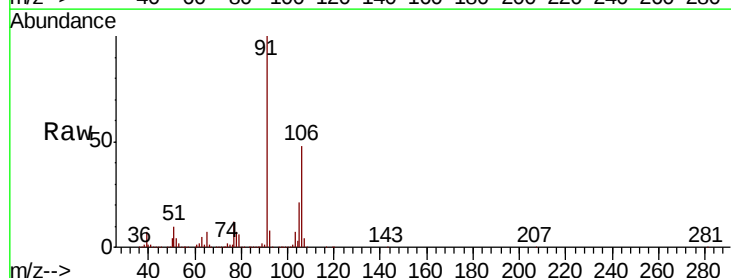
Acq: 24 Aug 2018 11:44

Tgt Ion:106 Resp: 277600

Ion Ratio Lower Upper

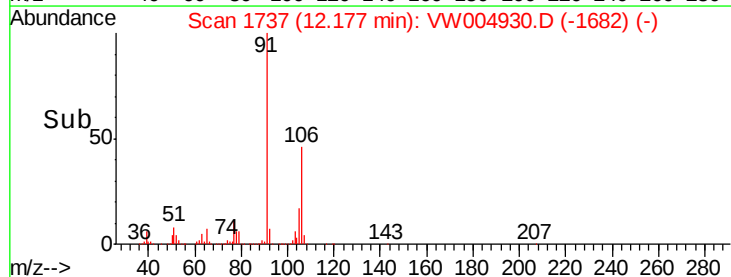
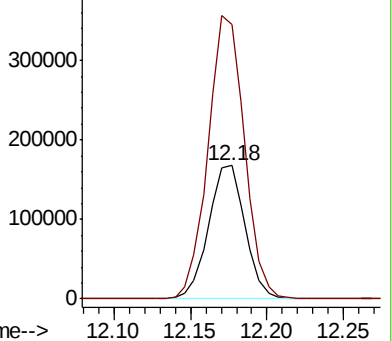
106 100

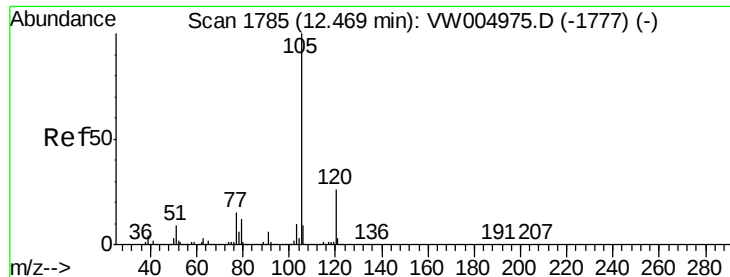
91 206.5 147.0 273.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 13.16 ug/L

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

DB3E8

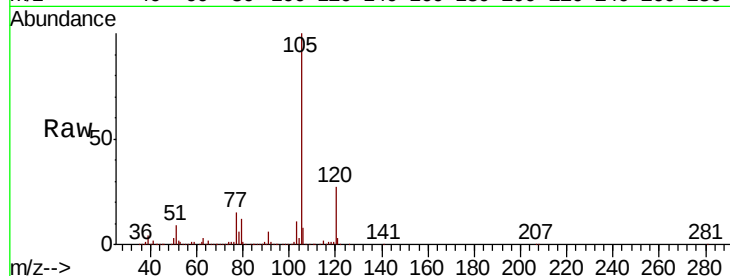
Tot Ion:105 Resp: 736918

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

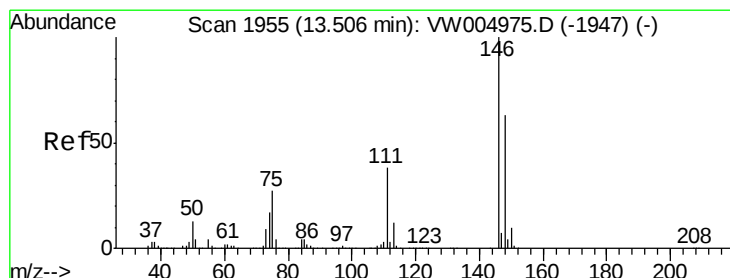
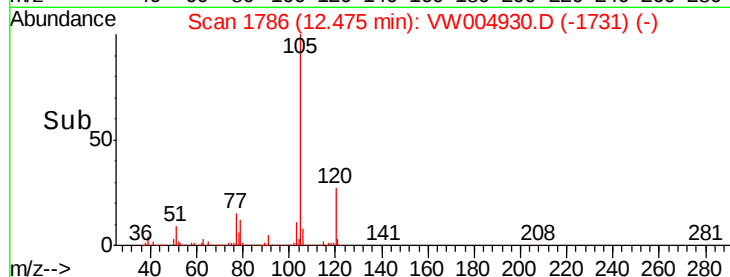
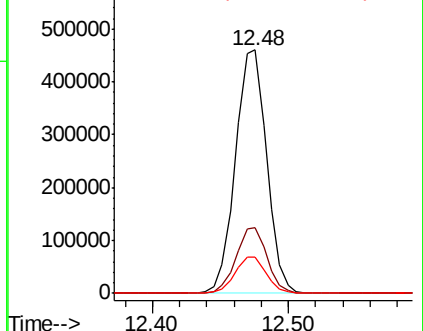
77 15.0 12.0 18.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#63

1,3-Dichlorobenzene

Concen: 20.85 ug/L

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004930.D

Acq: 24 Aug 2018 11:44

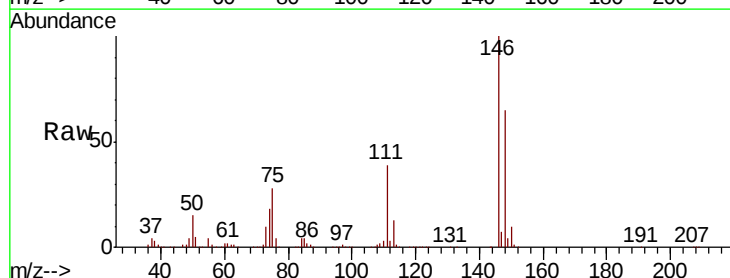
Tgt Ion:146 Resp: 570435

Ion Ratio Lower Upper

146 100

111 38.9 25.6 47.6

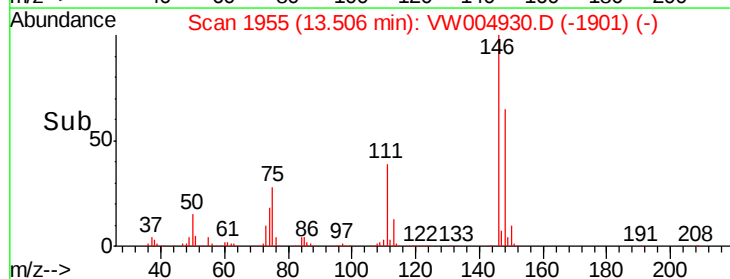
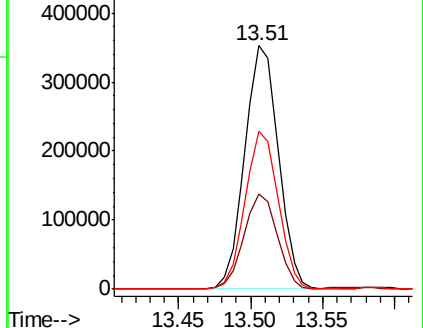
148 64.6 42.7 79.3

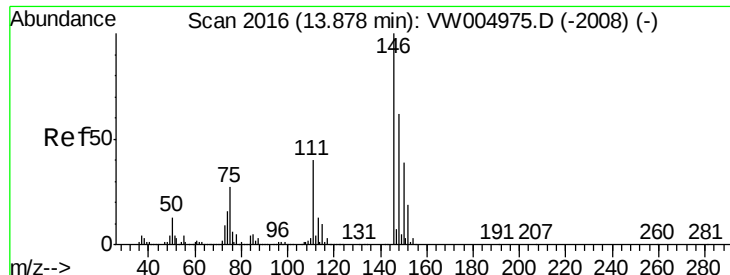


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

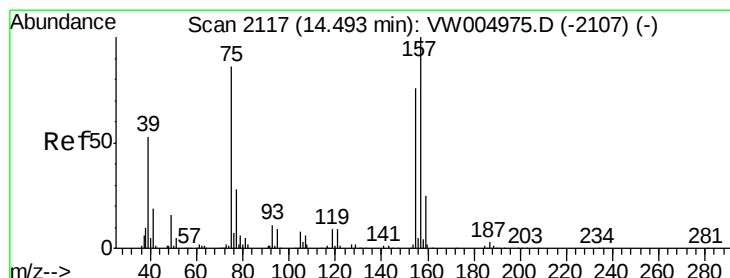
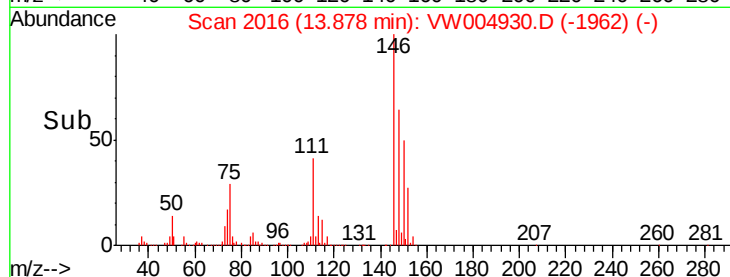
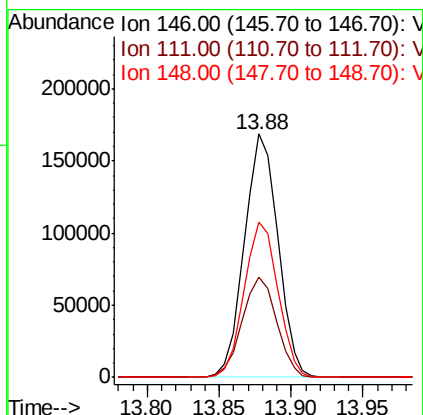
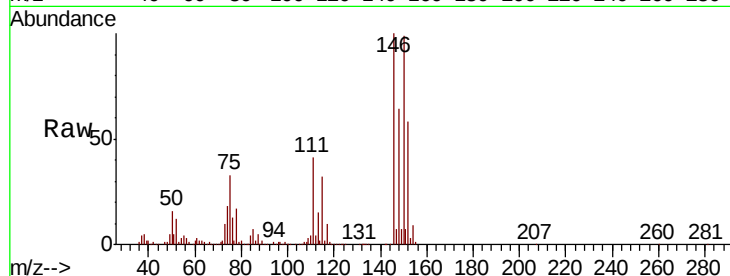




#65
 1,2-Dichlorobenzene
 Concen: 10.36 ug/L
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004930.D
 Acq: 24 Aug 2018 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3E8

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	32.0	48.0
148	63.6	50.6	75.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 16.58 ug/L
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004930.D
 Acq: 24 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
157	104.7	90.7	136.1
155	83.3	69.5	104.3

