

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008782.D
 Acq On : 21 Feb 2019 20:51
 Operator : SY/VA
 Sample : K1546-13
 Misc : 3.38G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

Quant Time: Feb 22 01:26:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	364340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	555924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	486547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229006	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	192790	56.42	ug/l	0.00
Spiked Amount			Recovery	=	112.84%	
35) Dibromofluoromethane	7.88	113	175520	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
50) Toluene-d8	10.32	98	657370	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	220375	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	80	0.022	ug/l #	42
3) Chloromethane	2.22	50	359	0.081	ug/l #	52
4) Vinyl Chloride	2.36	62	59	0.013	ug/l #	26
5) Bromomethane	2.74	94	292	0.084	ug/l #	4
6) Chloroethane	2.92	64	237	0.071	ug/l #	43
7) Trichlorofluoromethane	3.26	101	309	0.052	ug/l #	73
8) Diethyl Ether	3.60	74	126	0.067	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	4.03	101	47	0.013	ug/l #	16
10) Methyl Iodide	4.27	142	278	0.062	ug/l #	40
12) 1,1-Dichloroethene	4.04	96	70	0.022	ug/l #	1
14) Allyl chloride	4.65	41	118	0.021	ug/l #	1
15) Acrylonitrile	5.37	53	184	0.228	ug/l	90
16) Acetone	4.13	43	34388	43.415	ug/l	97
17) Carbon Disulfide	4.38	76	211	0.020	ug/l #	73
18) Methyl Acetate	4.67	43	1123	0.598	ug/l #	87
19) Methyl tert-butyl Ether	5.42	73	167	0.019	ug/l #	1
21) trans-1,2-Dichloroethene	5.43	96	99	0.027	ug/l #	1
22) Diisopropyl ether	6.27	45	82	0.007	ug/l #	49
23) Vinyl Acetate	6.27	43	99	0.015	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	64	0.010	ug/l #	82
27) cis-1,2-Dichloroethene	7.24	96	52	0.013	ug/l	14
28) Bromochloromethane	7.45	49	181	0.068	ug/l #	13
30) Chloroform	7.68	83	161	0.025	ug/l #	57
32) 1,1,1-Trichloroethane	7.82	97	53	0.009	ug/l #	24
37) Ethyl Acetate	7.25	43	254	0.101	ug/l #	33
39) Methylcyclohexane	9.34	83	147	0.022	ug/l #	18
40) Benzene	8.32	78	1405	0.095	ug/l #	76
41) Methacrylonitrile	7.49	41	385	0.260	ug/l #	26
42) 1,2-Dichloroethane	8.40	62	837	0.179	ug/l	83
43) Isopropyl Acetate	8.43	43	529	0.105	ug/l #	52
44) Trichloroethene	8.85	130	20	0.005	ug/l #	1
45) 1,2-Dichloropropane	9.29	63	69	0.019	ug/l #	43
46) Dibromomethane	9.35	93	105	0.052	ug/l #	1
47) Bromodichloromethane	9.65	83	23	0.005	ug/l #	54

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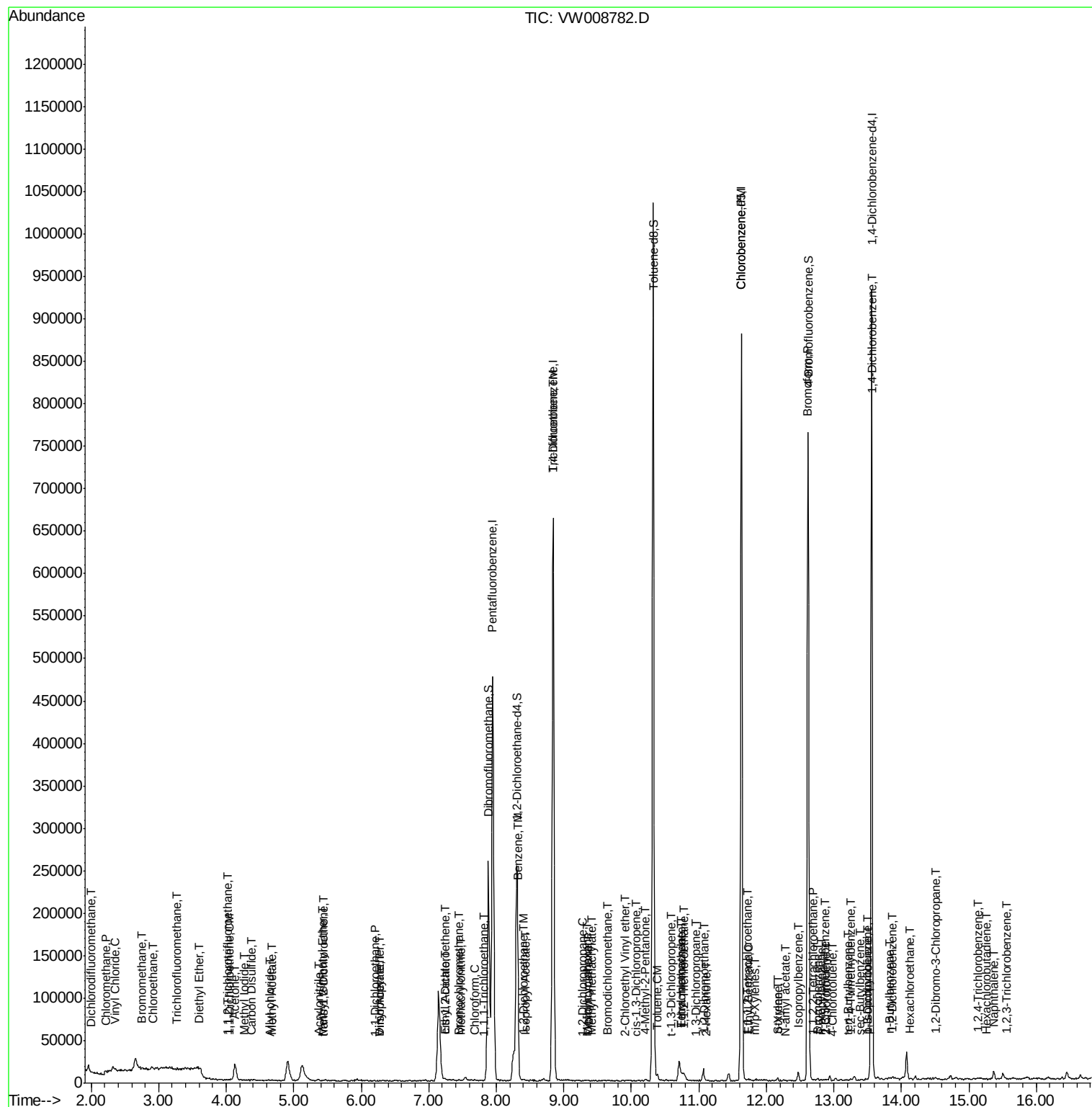
48) Methyl methacrylate	9.42	41	136	0.057	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	1573	0.617	ug/l #	83
52) Toluene	10.40	92	2305	0.230	ug/l	89
53) t-1,3-Dichloropropene	10.59	75	21	0.004	ug/l #	42
54) cis-1,3-Dichloropropene	10.07	75	27	0.005	ug/l #	64
55) 1,1,2-Trichloroethane	10.77	97	153	0.056	ug/l #	16
56) Ethyl methacrylate	10.75	69	55	0.015	ug/l #	1
57) 1,3-Dichloropropane	10.96	76	19	0.004	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.90	63	63	0.035	ug/l #	45
59) 2-Hexanone	11.12	43	175	0.096	ug/l	83
61) 1,2-Dibromoethane	11.09	107	66	0.024	ug/l #	2
64) Tetrachloroethene	10.74	164	51	0.015	ug/l #	1
65) Chlorobenzene	11.63	112	153	0.015	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	11.71	131	47	0.014	ug/l #	16
67) Ethyl Benzene	11.74	91	1070	0.059	ug/l #	79
68) m/p-Xylenes	11.83	106	368	0.050	ug/l	74
69) o-Xylene	12.17	106	532	0.078	ug/l	59
70) Styrene	12.18	104	374	0.034	ug/l #	73
71) Bromoform	12.61	173	854	0.459	ug/l #	29
73) Isopropylbenzene	12.47	105	522	0.033	ug/l #	61
74) N-amyl acetate	12.28	43	210	0.053	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.69	83	19	0.007	ug/l #	25
77) Bromobenzene	12.75	156	71	0.019	ug/l #	64
78) n-propylbenzene	12.80	91	348	0.018	ug/l	91
79) 2-Chlorotoluene	12.88	91	144	0.013	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.87	105	550	0.040	ug/l	69
82) 4-Chlorotoluene	12.98	91	20	0.002	ug/l #	40
83) tert-Butylbenzene	13.21	119	117	0.010	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.25	105	1331	0.094	ug/l	86
85) sec-Butylbenzene	13.40	105	107	0.006	ug/l #	56
86) p-Isopropyltoluene	13.51	119	206	0.013	ug/l #	72
87) 1,3-Dichlorobenzene	13.50	146	175	0.023	ug/l #	63
88) 1,4-Dichlorobenzene	13.57	146	392	0.052	ug/l #	25
89) n-Butylbenzene	13.83	91	410	0.028	ug/l #	33
90) Hexachloroethane	14.13	117	34	0.013	ug/l #	9
91) 1,2-Dichlorobenzene	13.86	146	166	0.024	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.50	75	45	0.097	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.14	180	155	0.031	ug/l #	1
94) Hexachlorobutadiene	15.25	225	45	0.015	ug/l #	19
95) Naphthalene	15.37	128	7207	0.857	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.55	180	82	0.019	ug/l #	84

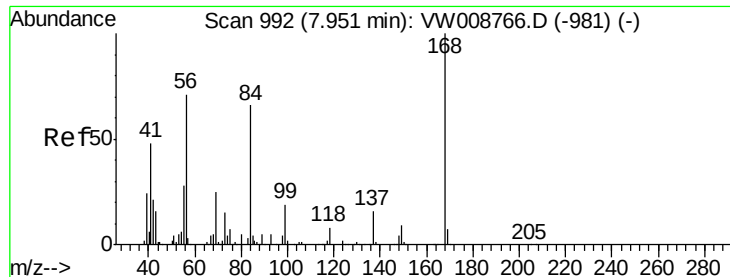
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

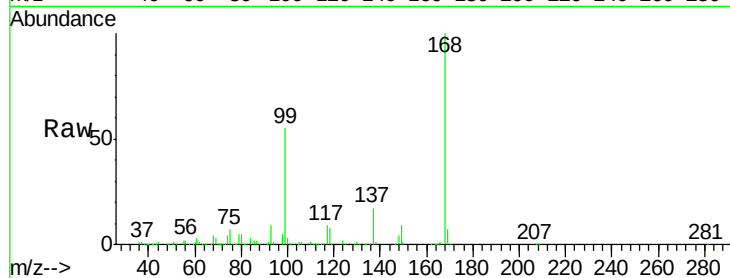
RT-1495

Tot Ion:168 Resp: 364340

Ion Ratio Lower Upper

168 100

99 54.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

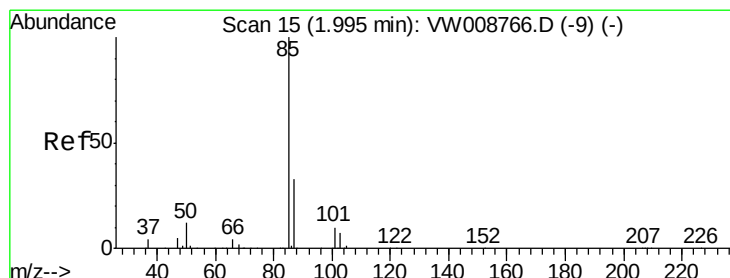
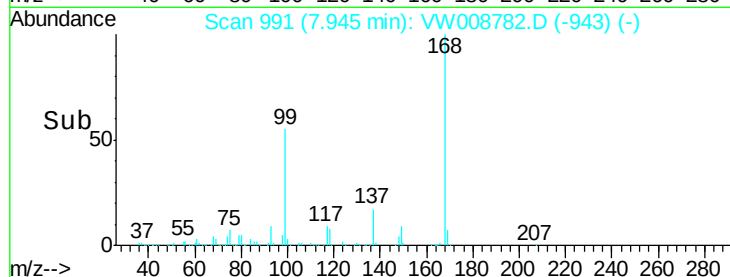
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.022 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008782.D

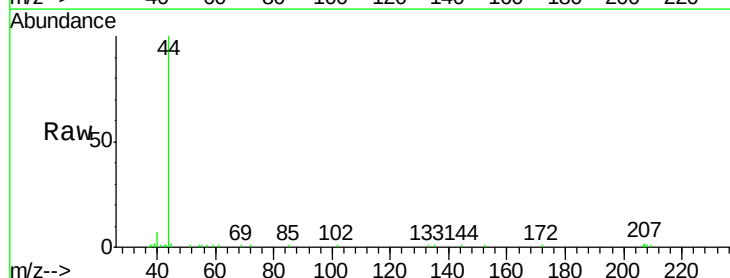
Acq: 21 Feb 2019 20:51

Tgt Ion: 85 Resp: 80

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200

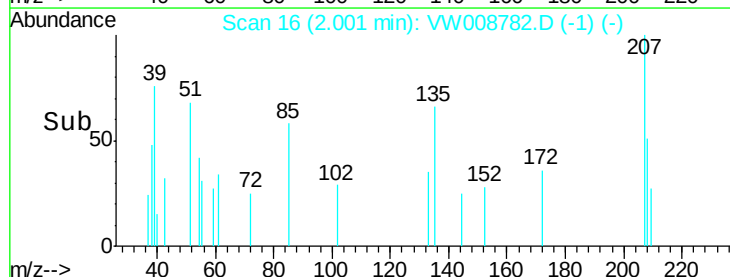
150

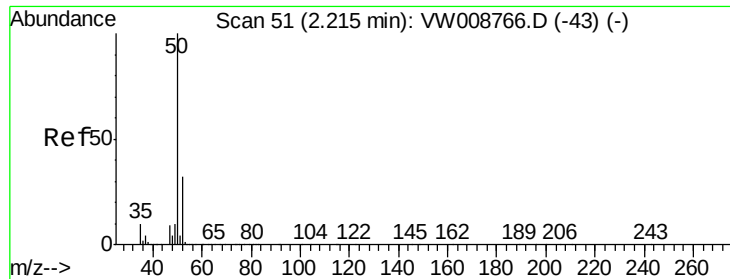
100

50

0

Time-->





#3

Chloromethane

Concen: 0.081 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

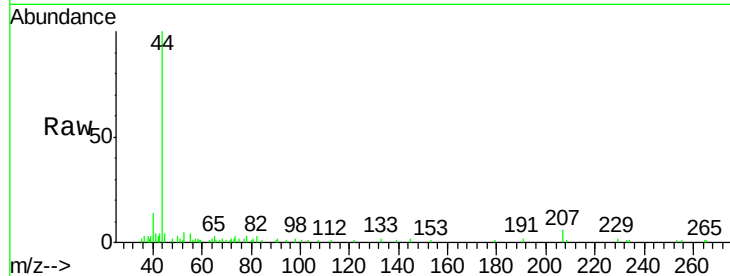
RT-1495

Tot Ion: 50 Resp: 359

Ion Ratio Lower Upper

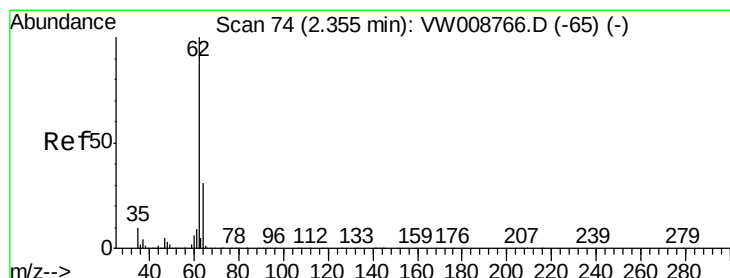
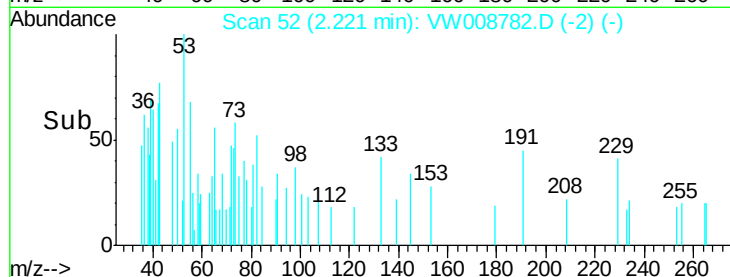
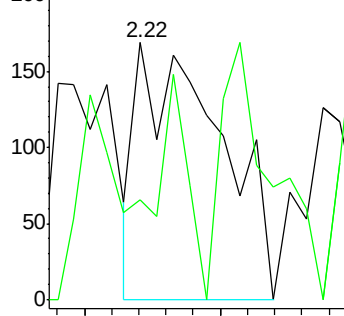
50 100

52 5.3 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 0.013 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW008782.D

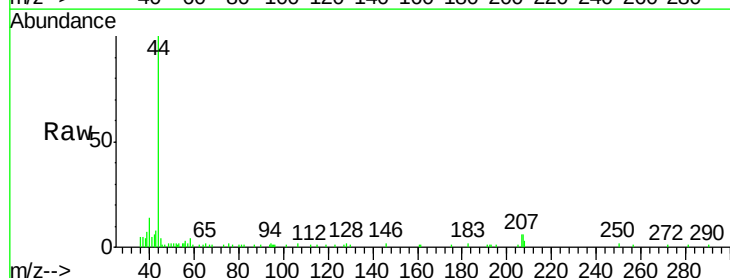
Acq: 21 Feb 2019 20:51

Tgt Ion: 62 Resp: 59

Ion Ratio Lower Upper

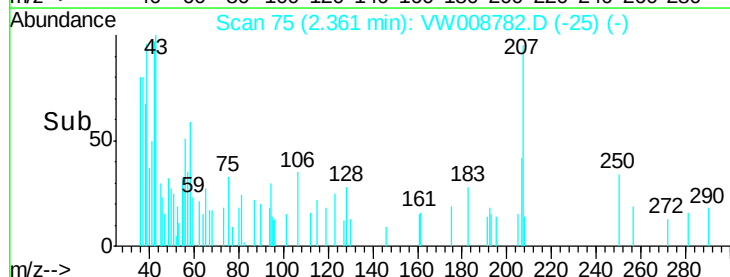
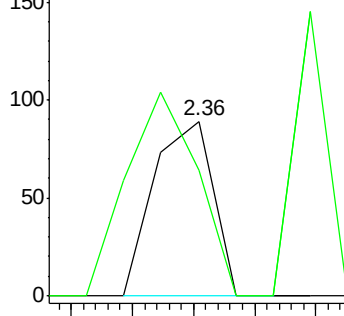
62 100

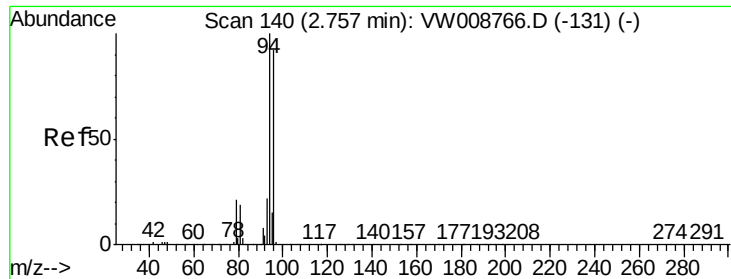
64 71.9 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 0.084 ug/l

RT: 2.74 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

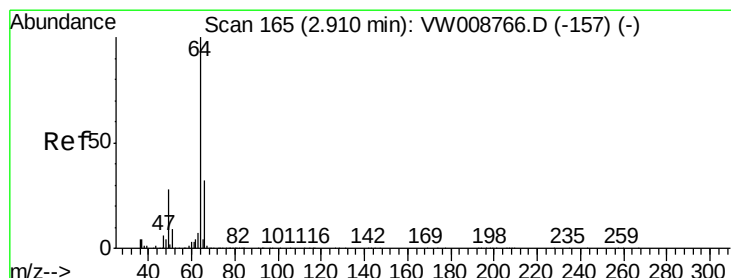
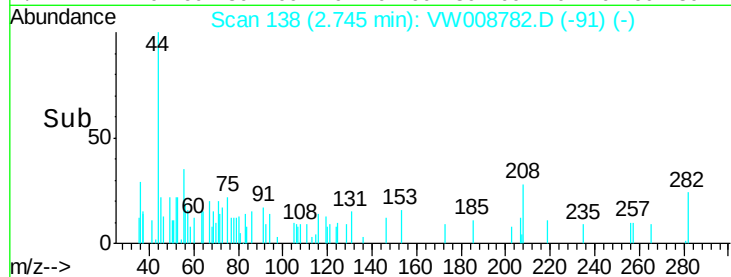
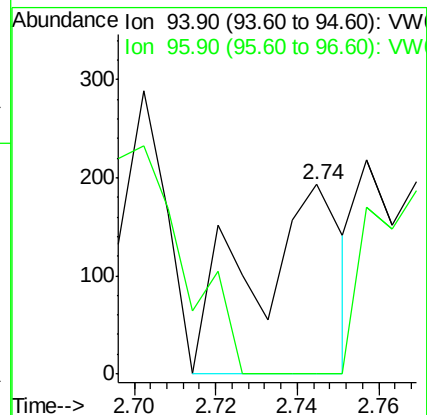
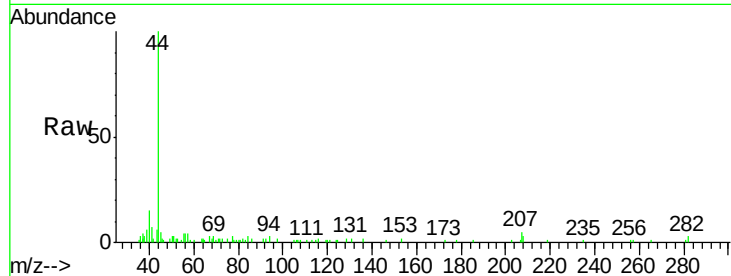
RT-1495

Tot Ion: 94 Resp: 292

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#



#6

Chloroethane

Concen: 0.071 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW008782.D

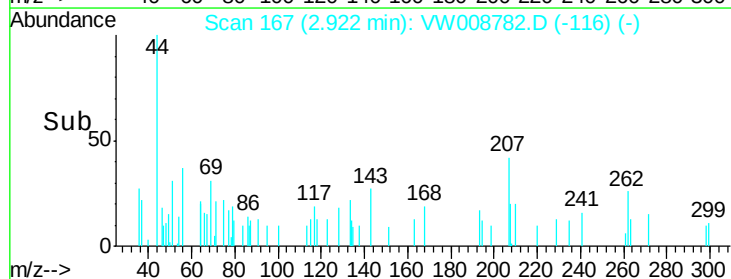
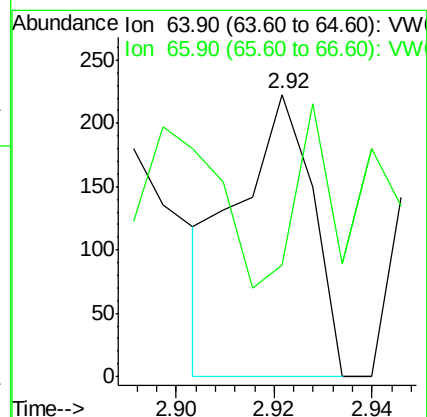
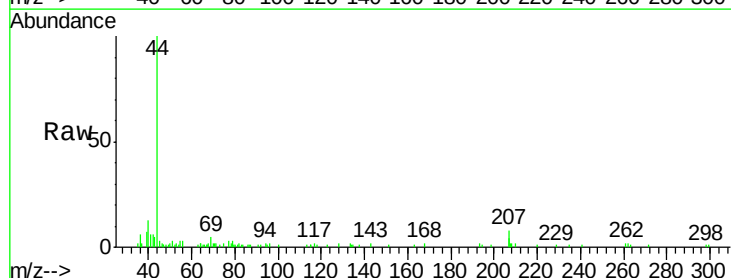
Acq: 21 Feb 2019 20:51

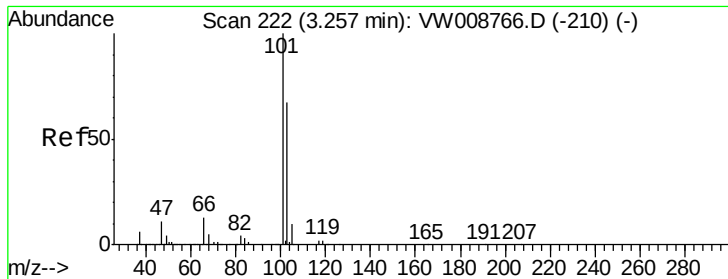
Tgt Ion: 64 Resp: 237

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



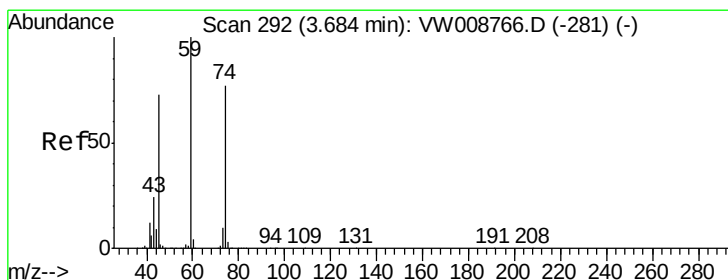
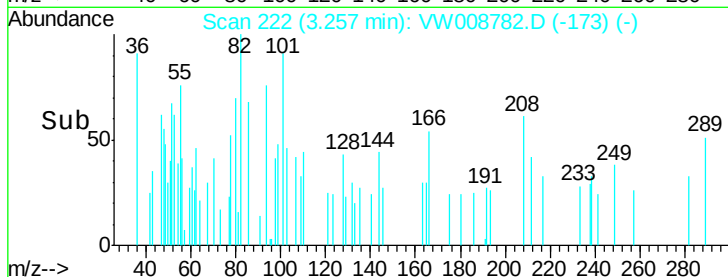
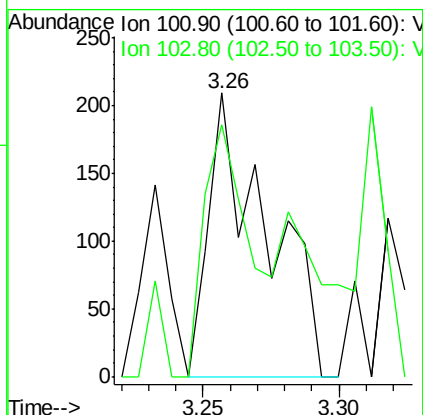
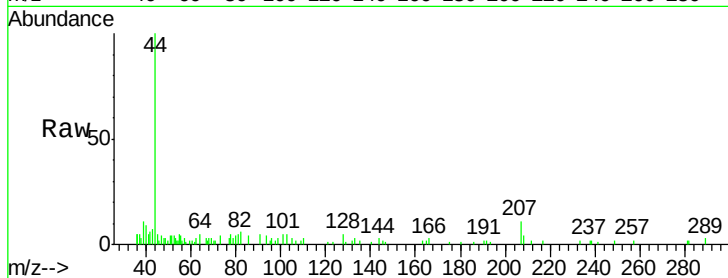


#7

Trichlorofluoromethane
 Concen: 0.052 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

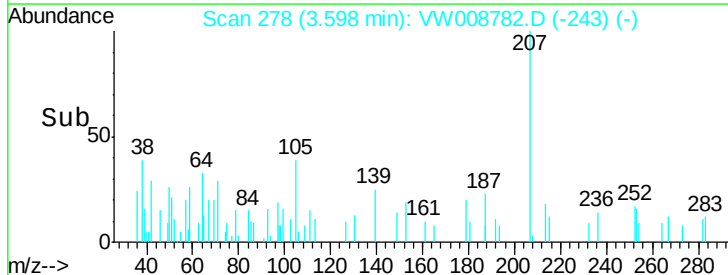
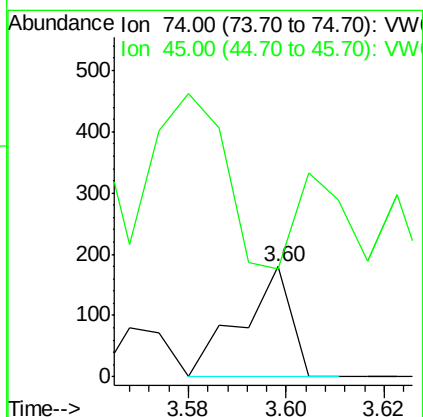
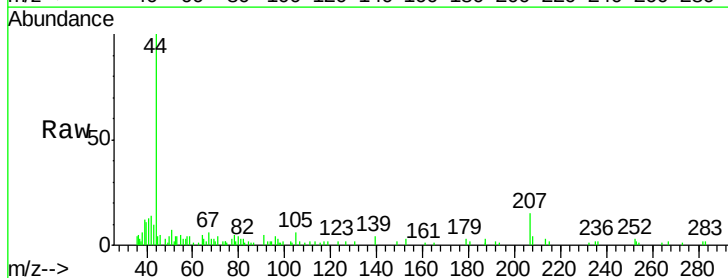
Tot Ion:101 Resp: 309
 Ion Ratio Lower Upper
 101 100
 103 89.0 53.9 80.9#

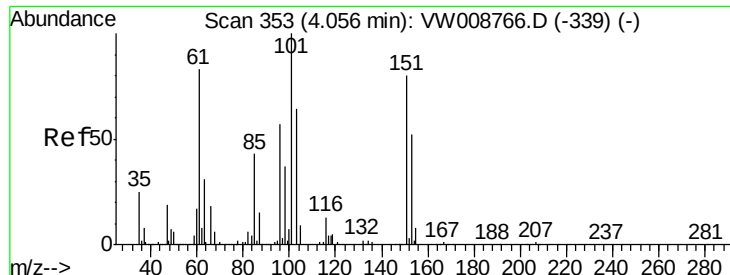


#8

Diethyl Ether
 Concen: 0.067 ug/l
 RT: 3.60 min Scan# 278
 Delta R.T. -0.09 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Tgt Ion: 74 Resp: 126
 Ion Ratio Lower Upper
 74 100
 45 81.7 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.013 ug/l

RT: 4.03 min Scan# 348

Delta R.T. -0.03 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

RT-1495

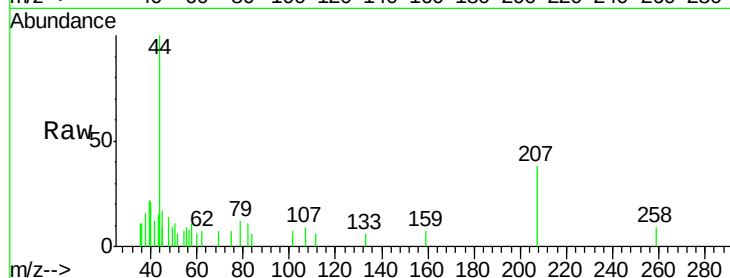
Tot Ion:101 Resp: 47

Ion Ratio Lower Upper

101 100

85 0.0 36.0 54.0#

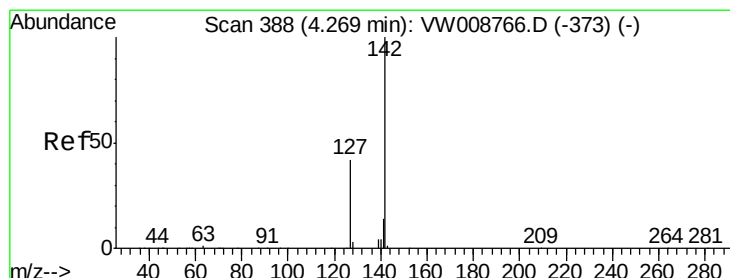
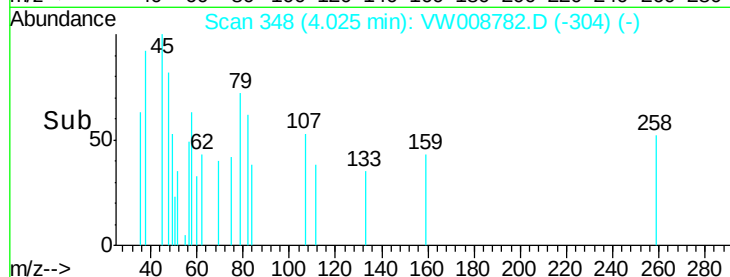
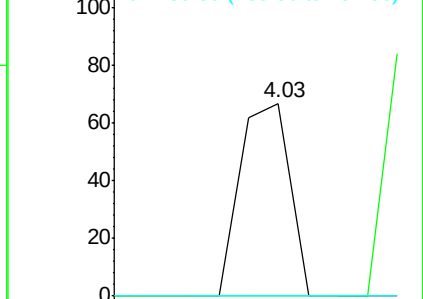
151 0.0 65.5 98.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.062 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

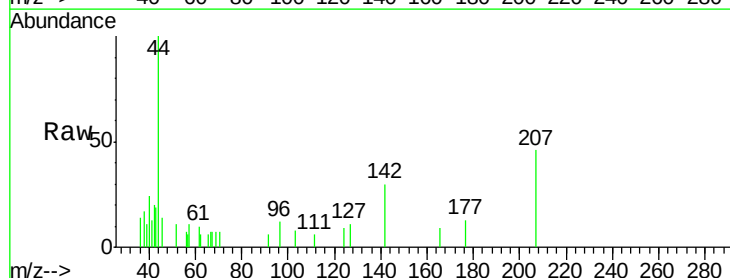
Tgt Ion:142 Resp: 278

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

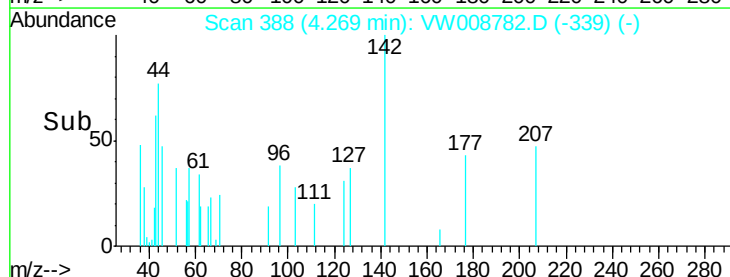
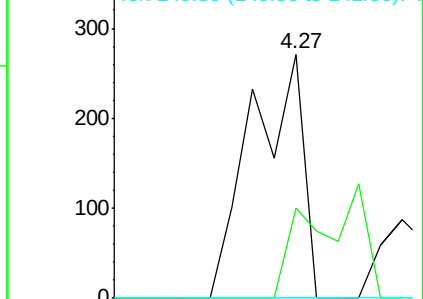
141 0.0 11.7 17.5#

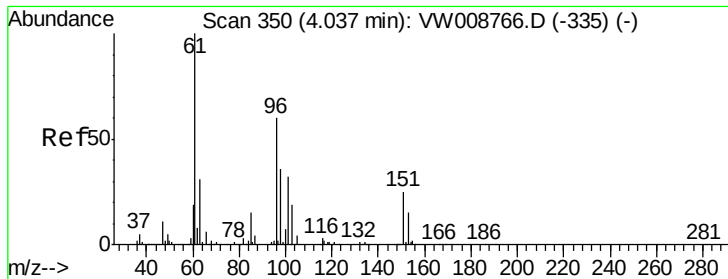


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#12

1,1-Dichloroethene

Concen: 0.022 ug/l

RT: 4.04 min Scan# 351

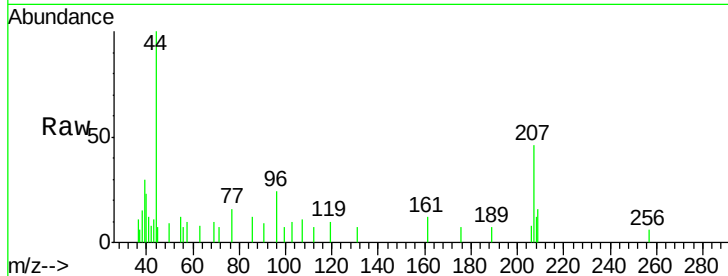
Delta R.T. 0.01 min

Lab File: VW008782.D

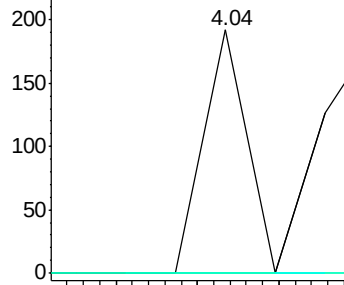
Acq: 21 Feb 2019 20:51

Instrument :
MSVOA_W
ClientSampled :
RT-1495

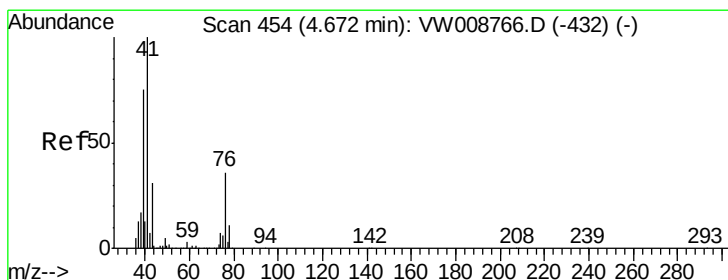
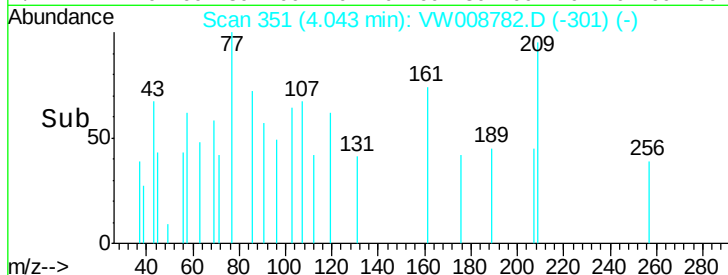
Tot Ion:	96	Resp:	70
Ion	Ratio	Lower	Upper
96	100		
61	0.0	132.5	198.7#
98	0.0	48.2	72.4#



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



Time-->



#14

Allyl chloride

Concen: 0.021 ug/l

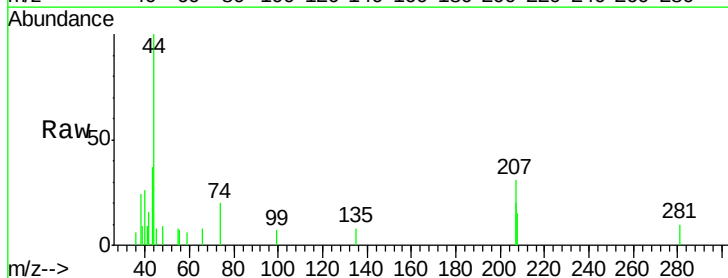
RT: 4.65 min Scan# 451

Delta R.T. -0.02 min

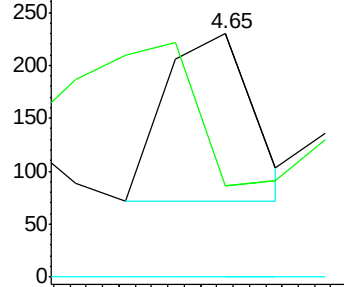
Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

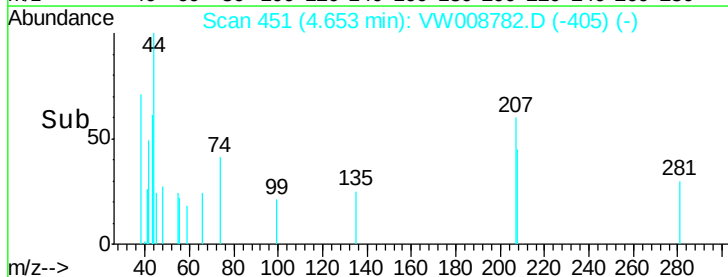
Tgt Ion:	41	Resp:	118
Ion	Ratio	Lower	Upper
41	100		
39	211.0	60.6	91.0#
76	0.0	28.6	42.8#

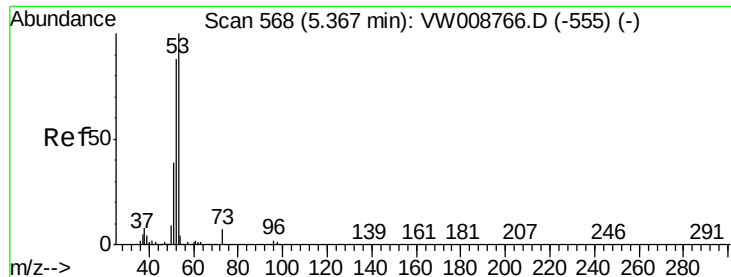


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 0.228 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

RT-1495

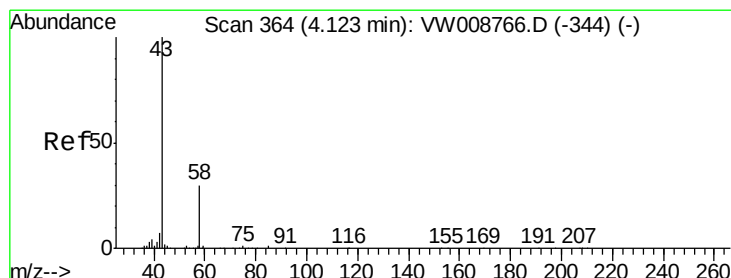
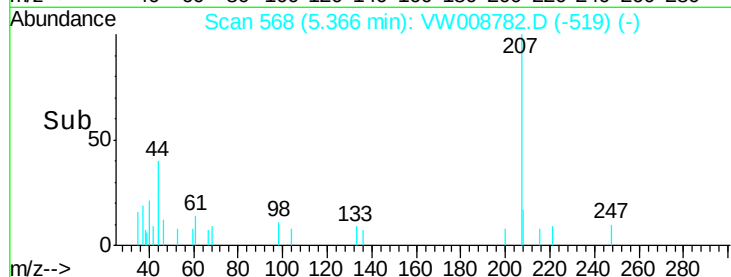
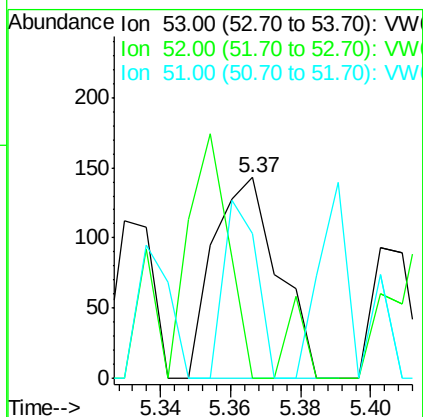
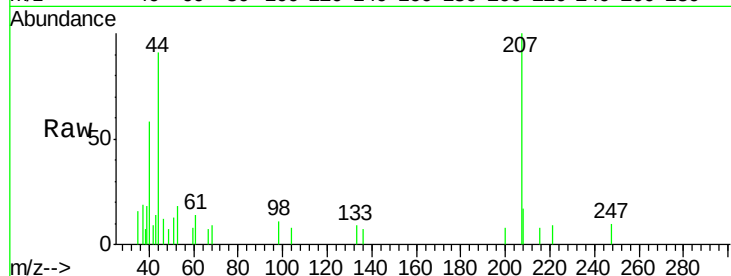
Tot Ion: 53 Resp: 184

Ion Ratio Lower Upper

53 100

52 92.4 67.2 100.8

51 45.7 31.1 46.7



#16

Acetone

Concen: 43.415 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008782.D

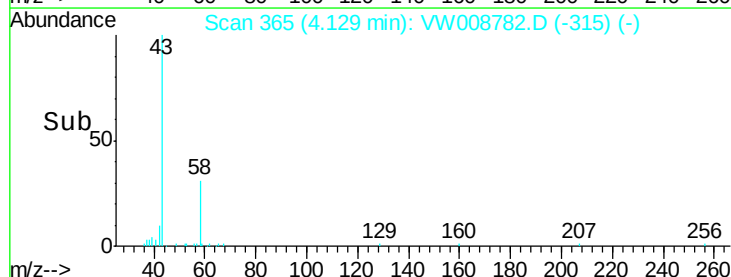
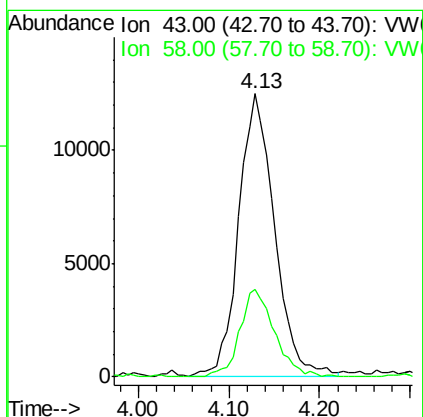
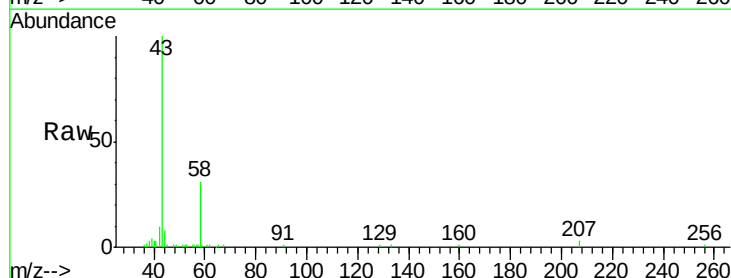
Acq: 21 Feb 2019 20:51

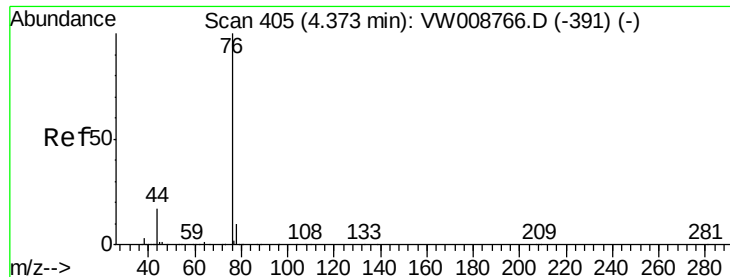
Tgt Ion: 43 Resp: 34388

Ion Ratio Lower Upper

43 100

58 31.1 23.8 35.6





#17

Carbon Disulfide

Concen: 0.020 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

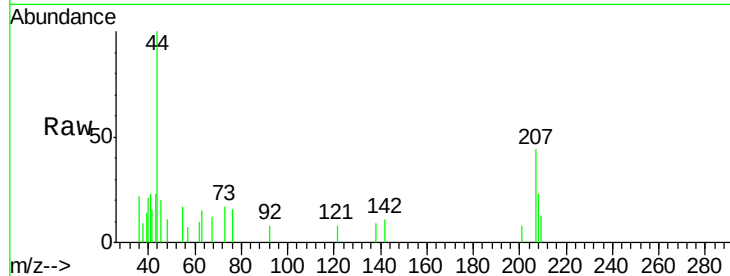
RT-1495

Tot Ion: 76 Resp: 211

Ion Ratio Lower Upper

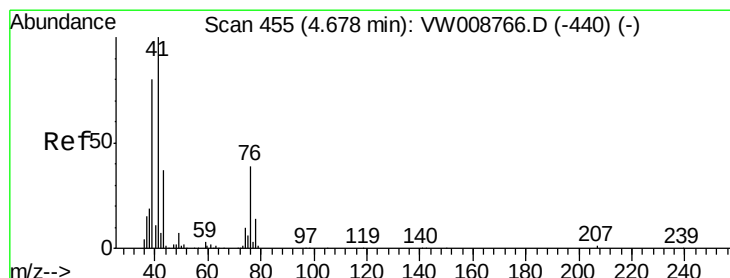
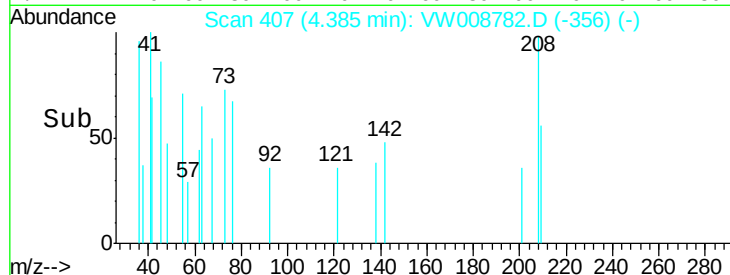
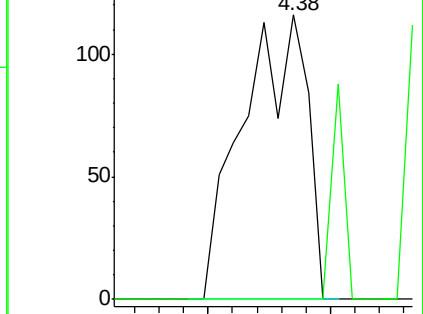
76 100

78 0.0 7.8 11.8#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 0.598 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008782.D

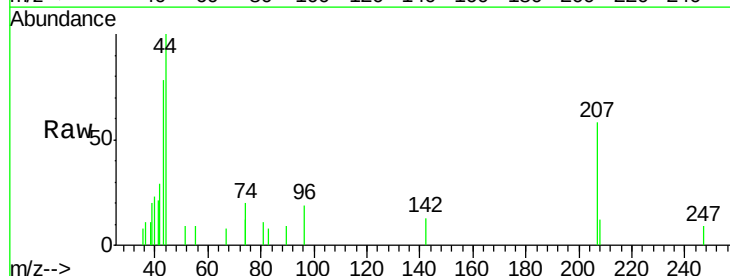
Acq: 21 Feb 2019 20:51

Tgt Ion: 43 Resp: 1123

Ion Ratio Lower Upper

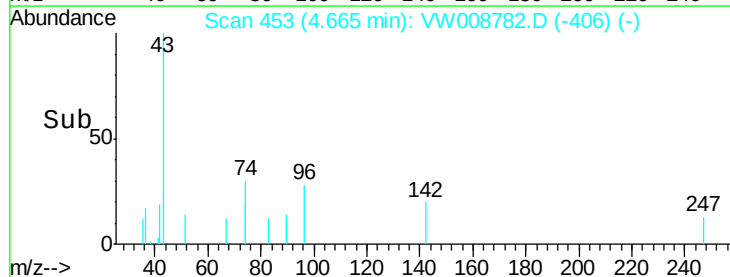
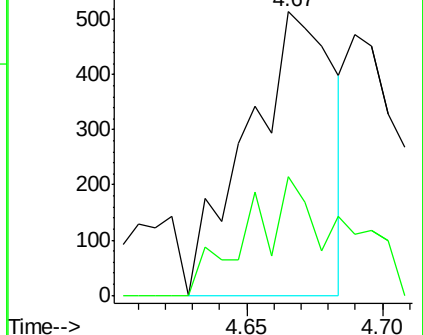
43 100

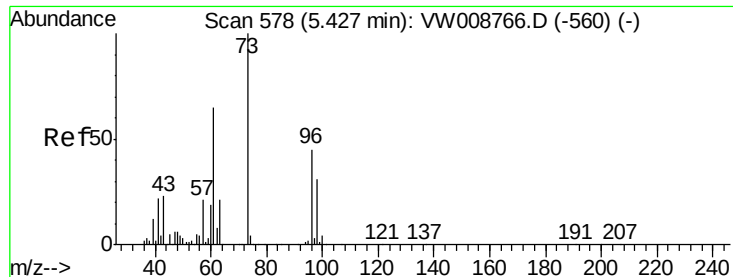
74 30.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



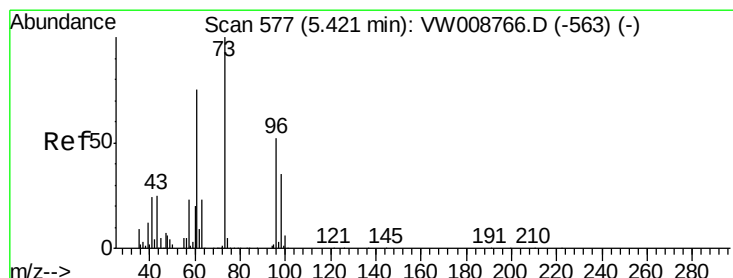
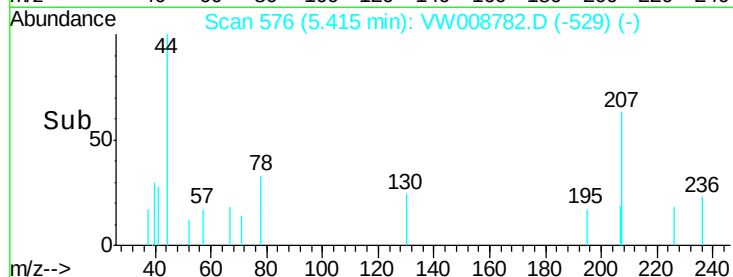
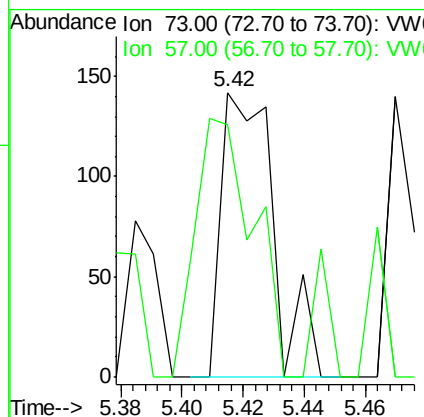
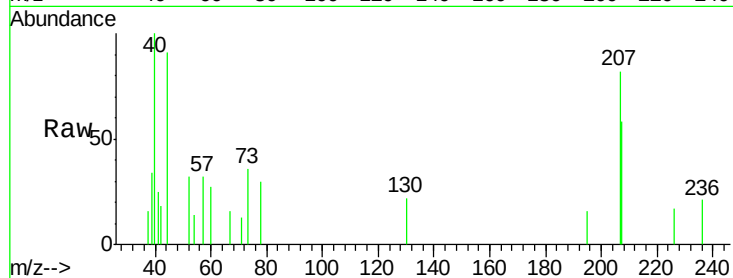


#19

Methyl tert-butyl Ether
 Concen: 0.019 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Instrument :
 MSVOA_W
 ClientSampled :
 RT-1495

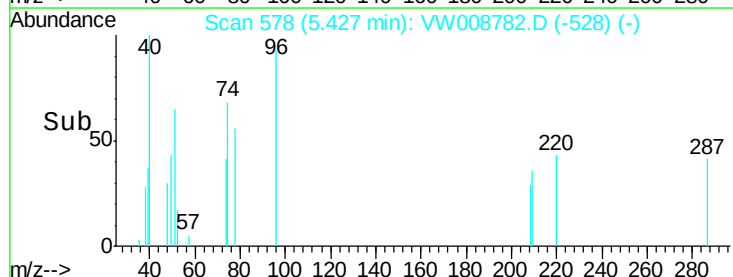
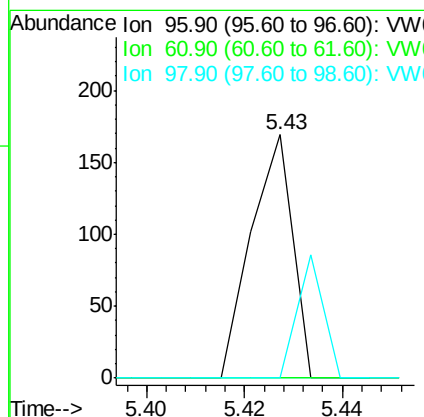
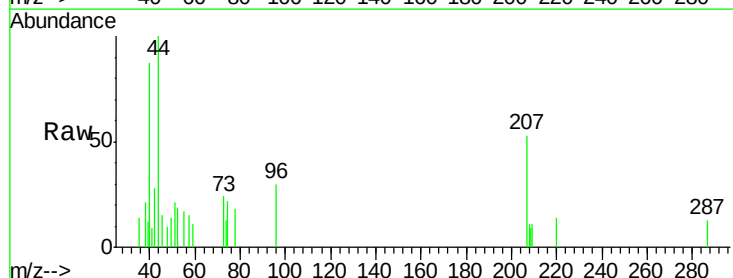
Tot Ion: 73 Resp: 167
 Ion Ratio Lower Upper
 73 100
 57 88.7 16.8 25.2#

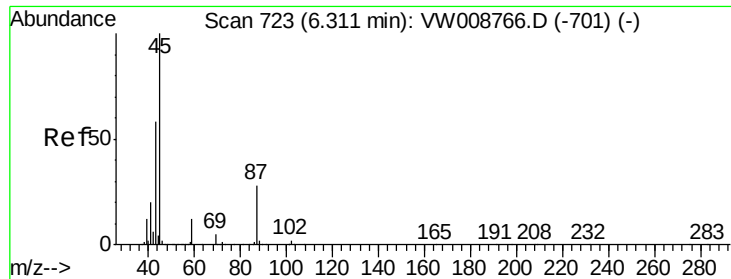


#21

trans-1,2-Dichloroethene
 Concen: 0.027 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Tgt Ion: 96 Resp: 99
 Ion Ratio Lower Upper
 96 100
 61 0.0 114.6 171.8#
 98 0.0 54.0 81.0#





#22

Diisopropyl ether

Concen: 0.007 ug/l

RT: 6.27 min Scan# 717

Delta R.T. -0.04 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

RT-1495

Tot Ion: 45 Resp: 82

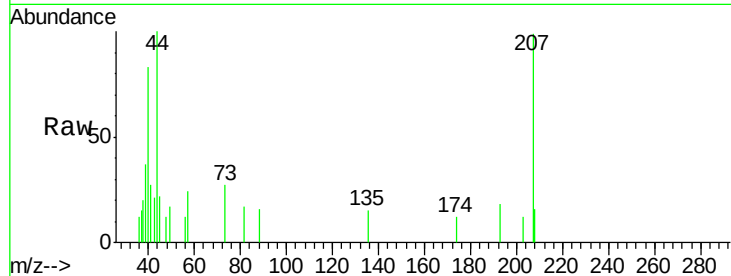
Ion Ratio Lower Upper

45 100

43 97.9 46.1 69.1#

87 0.0 22.2 33.4#

59 0.0 10.0 15.0#

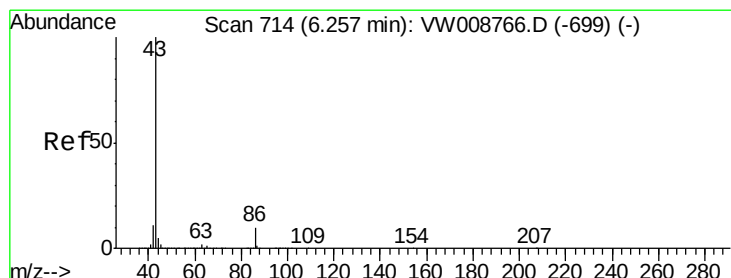
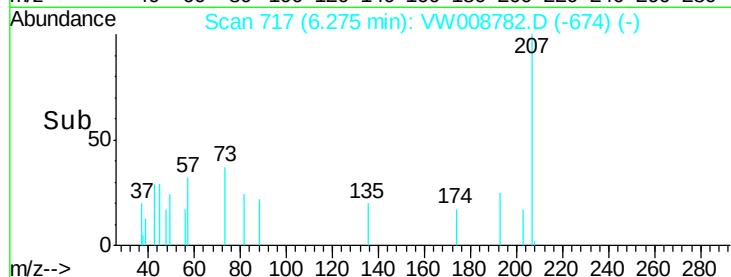
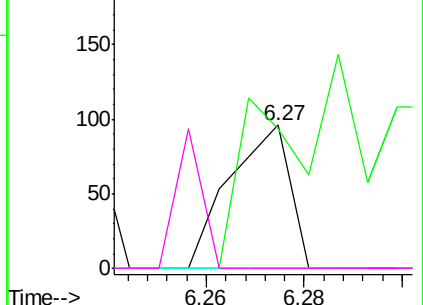


Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW



#23

Vinyl Acetate

Concen: 0.015 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW008782.D

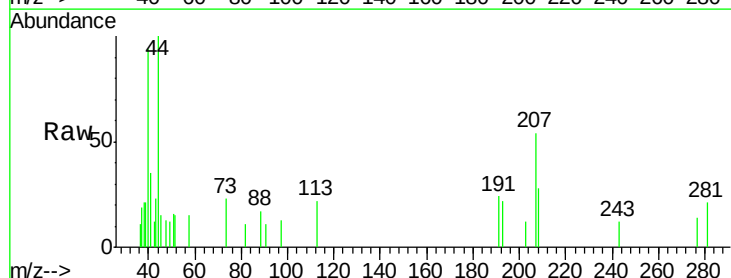
Acq: 21 Feb 2019 20:51

Tgt Ion: 43 Resp: 99

Ion Ratio Lower Upper

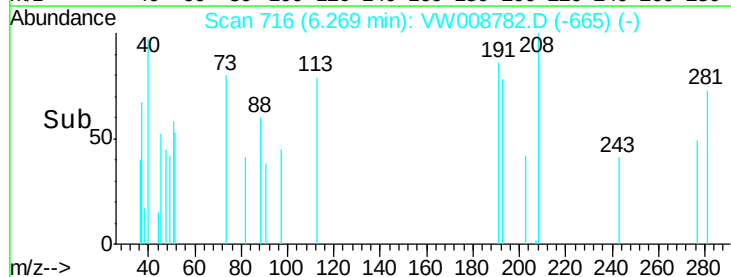
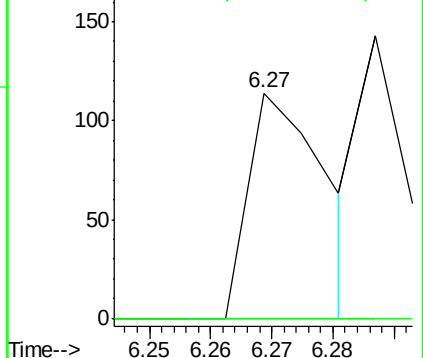
43 100

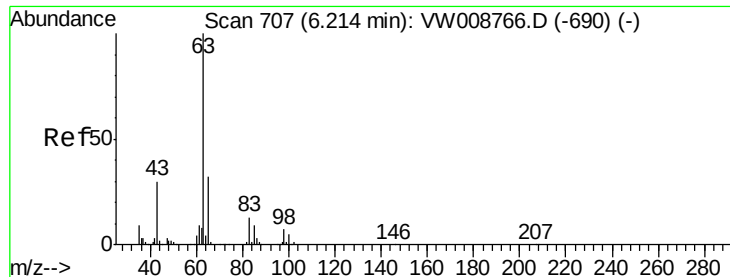
86 0.0 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW





#24

1,1-Dichloroethane

Concen: 0.010 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

RT-1495

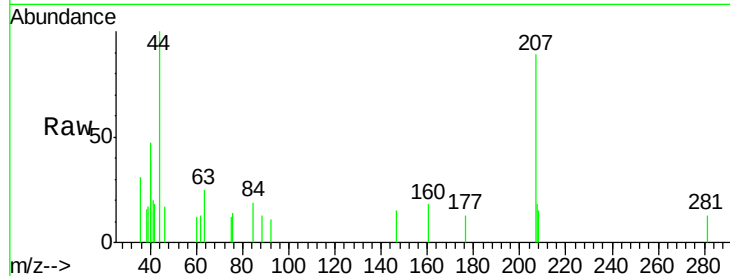
Tot Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

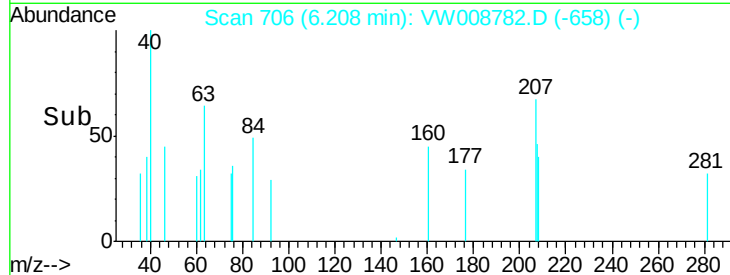
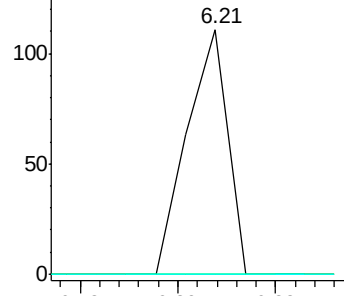
100 0.0 2.4 7.2#



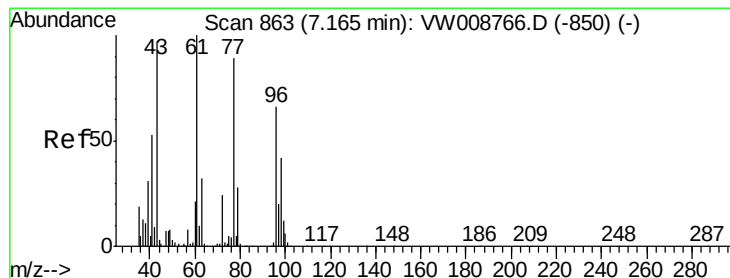
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.013 ug/l

RT: 7.24 min Scan# 876

Delta R.T. 0.08 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

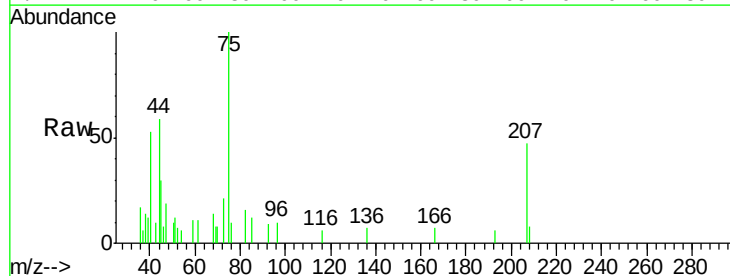
Tgt Ion: 96 Resp: 52

Ion Ratio Lower Upper

96 100

61 294.2 0.0 302.6

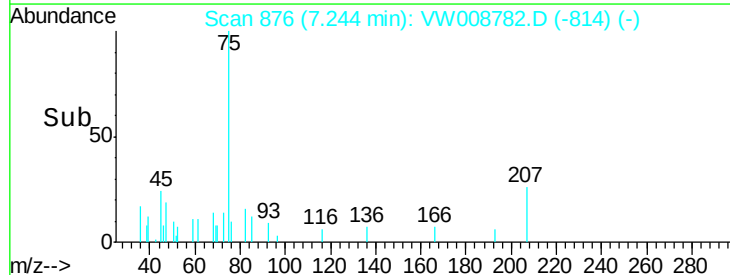
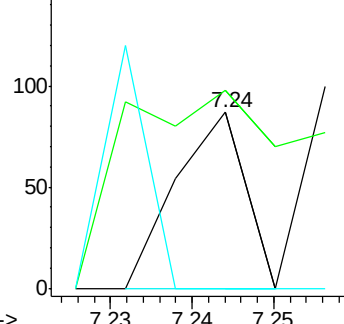
98 84.6 0.0 130.0



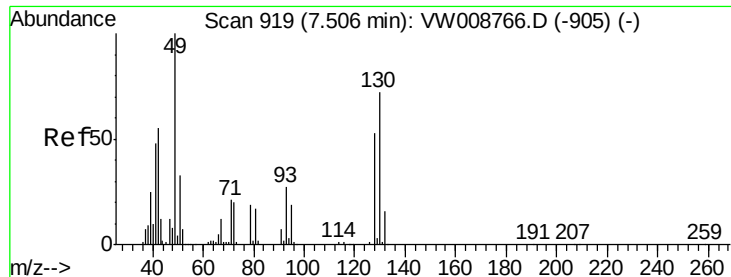
Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



Time-->



#28

Bromochloromethane

Concen: 0.068 ug/l

RT: 7.45 min Scan# 910

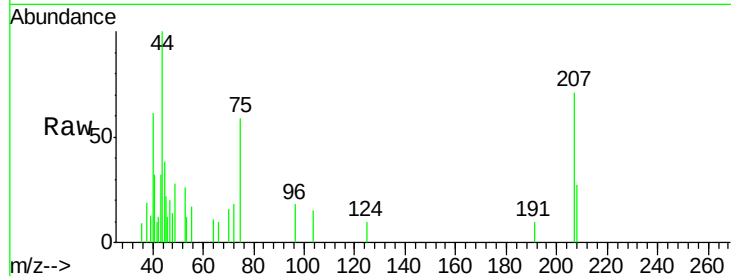
Delta R.T. -0.06 min

Lab File: VW008782.D

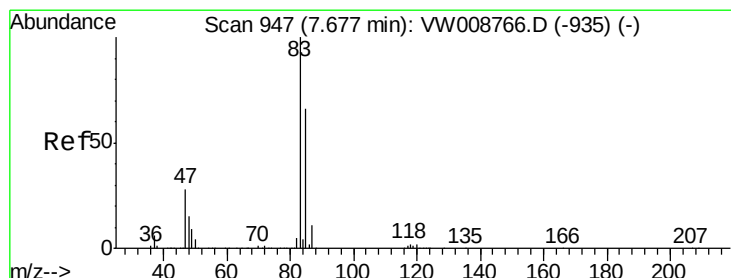
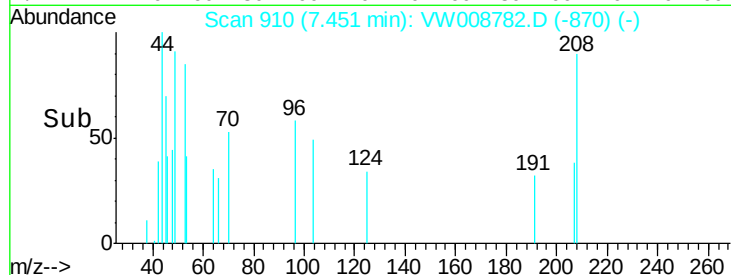
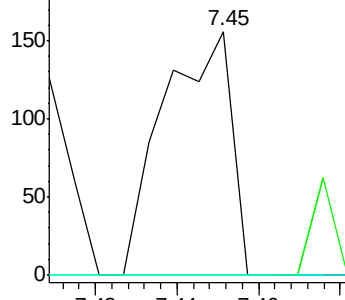
Acq: 21 Feb 2019 20:51

Instrument :
MSVOA_W
ClientSampled :
RT-1495

Tot Ion: 49 Resp: 181
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.6
130 0.0 61.3 91.9#



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



#30

Chloroform

Concen: 0.025 ug/l

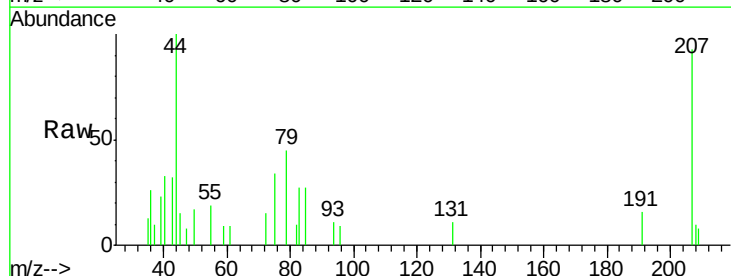
RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

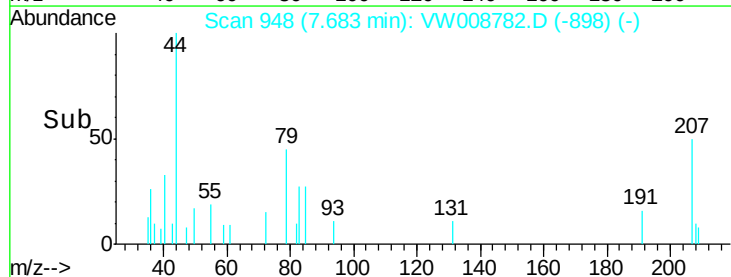
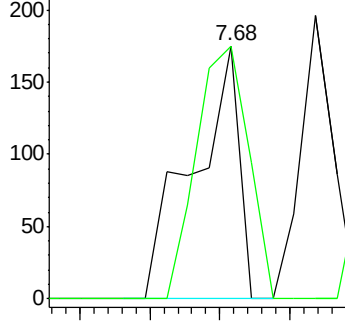
Lab File: VW008782.D

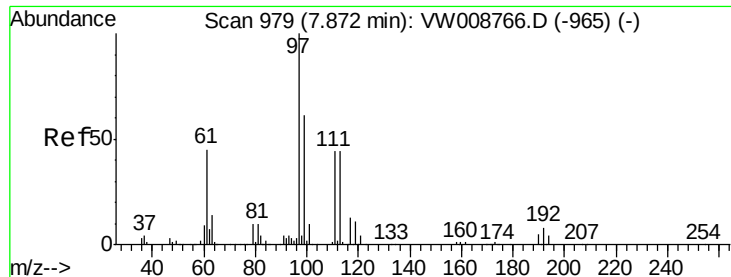
Acq: 21 Feb 2019 20:51

Tgt Ion: 83 Resp: 161
Ion Ratio Lower Upper
83 100
85 100.0 52.6 79.0#



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





#32

1,1,1-Trichloroethane

Concen: 0.009 ug/l

RT: 7.82 min Scan# 970

Delta R.T. -0.06 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

RT-1495

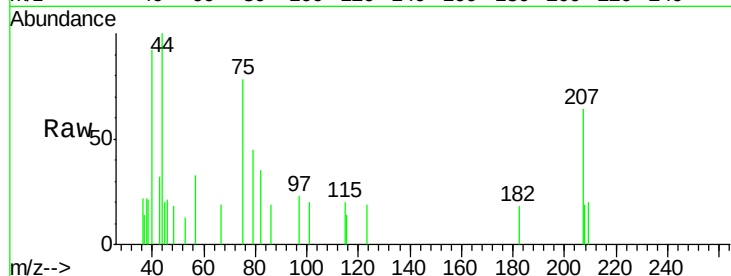
Tot Ion: 97 Resp: 53

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

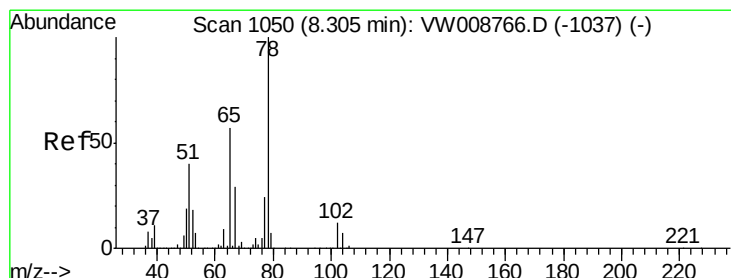
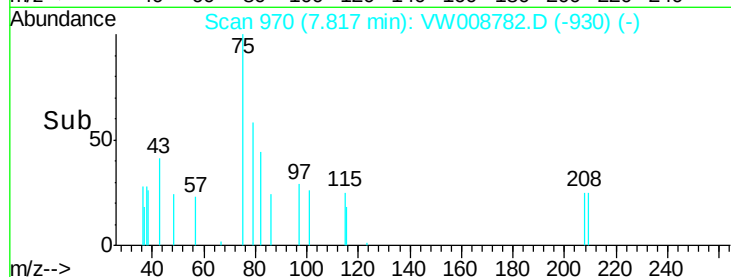
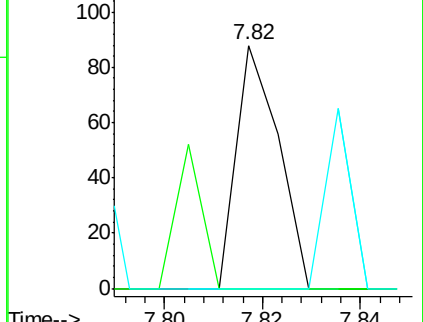
61 0.0 36.0 54.0#



Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 56.418 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008782.D

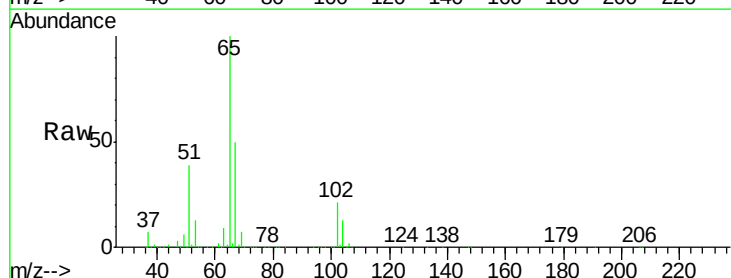
Acq: 21 Feb 2019 20:51

Tgt Ion: 65 Resp: 192790

Ion Ratio Lower Upper

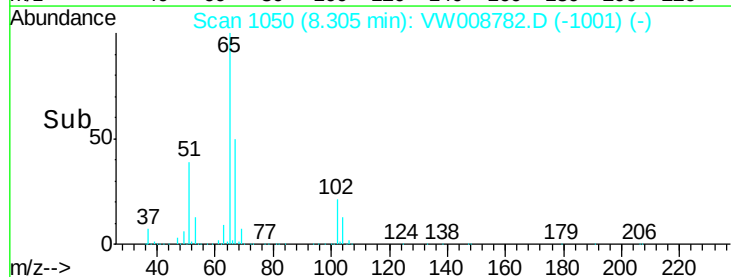
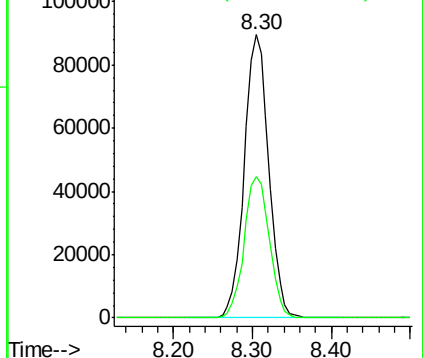
65 100

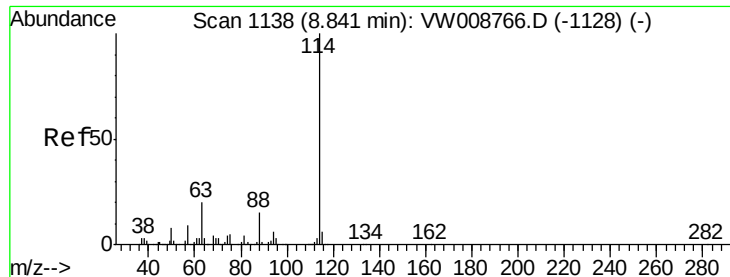
67 51.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

RT-1495

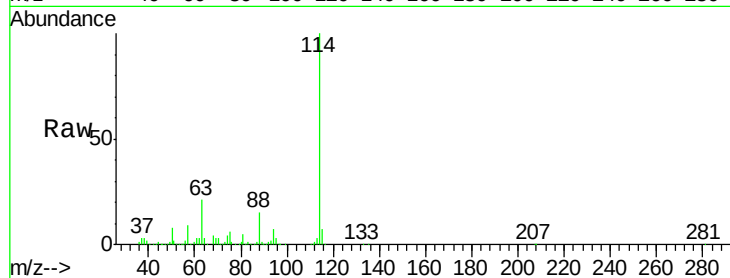
Tot Ion:114 Resp: 555924

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

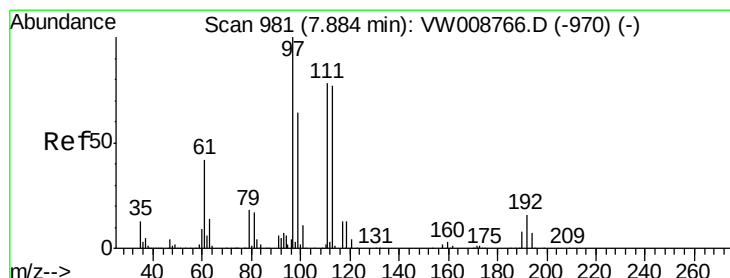
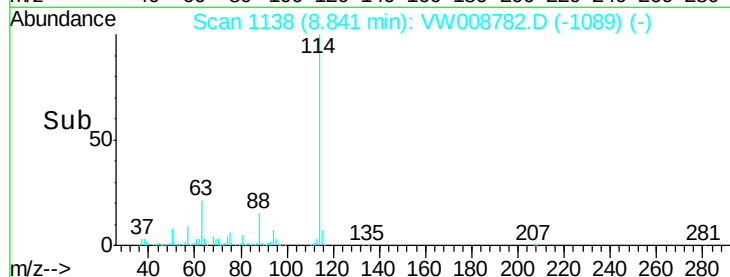
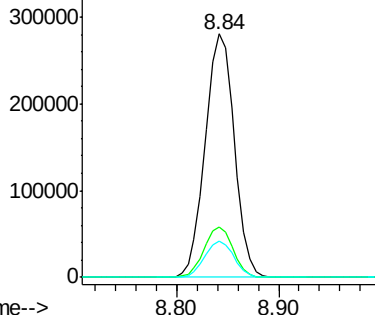
88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.585 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

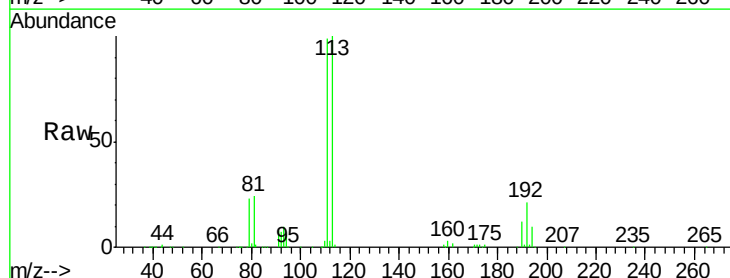
Tgt Ion:113 Resp: 175520

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

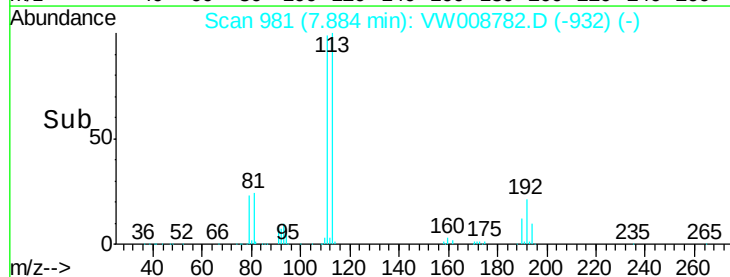
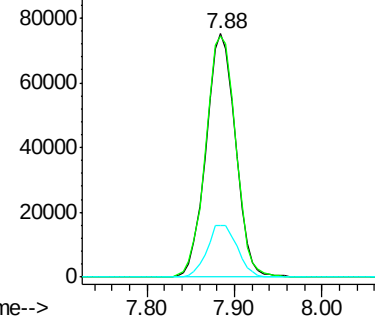
192 21.8 17.1 25.7

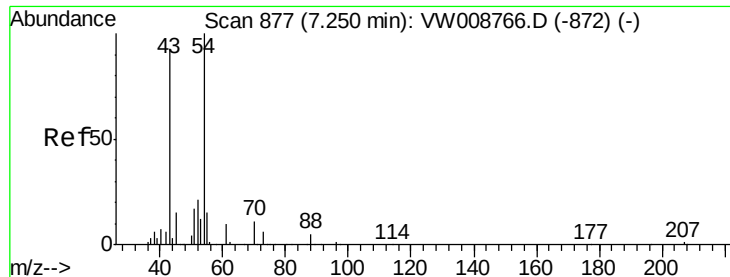


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

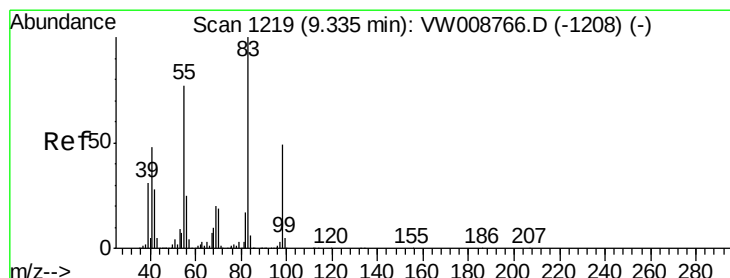
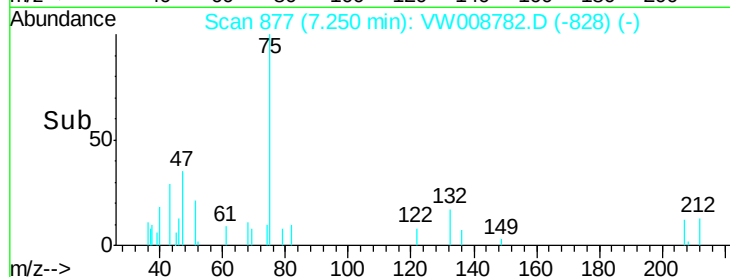
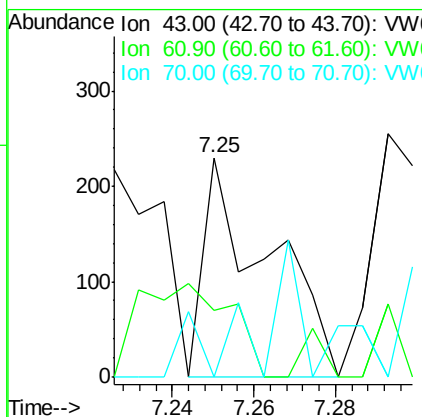
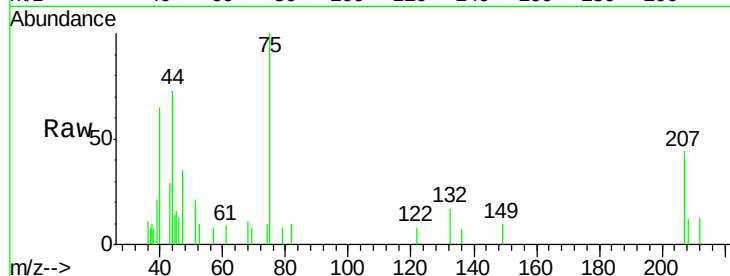




#37
Ethyl Acetate
Concen: 0.101 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

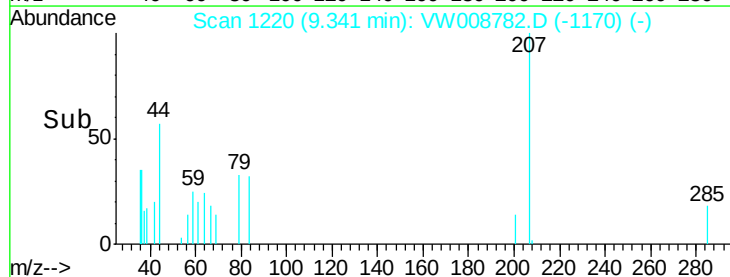
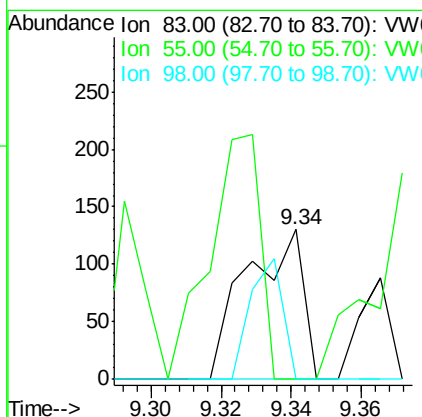
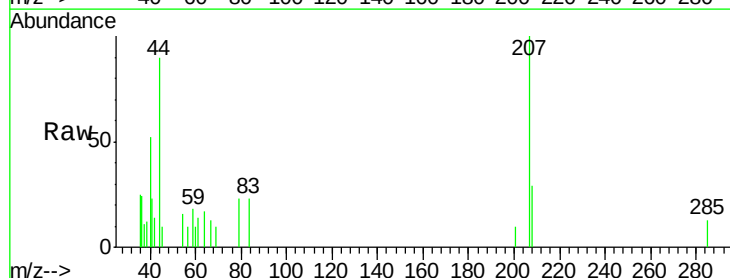
Instrument :
MSVOA_W
ClientSampled :
RT-1495

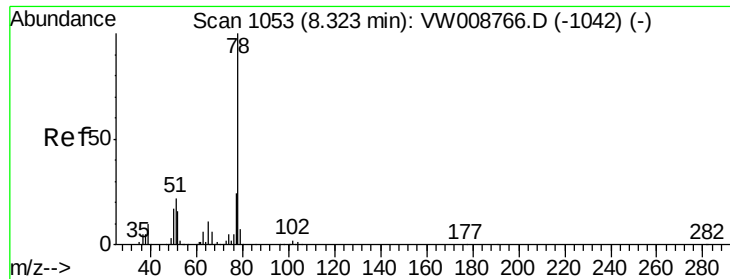
Tot Ion: 43 Resp: 254
Ion Ratio Lower Upper
43 100
61 60.2 9.8 14.8#
70 9.8 8.4 12.6



#39
Methylcyclohexane
Concen: 0.022 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

Tgt Ion: 83 Resp: 147
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.0 39.4 59.2#





#40

Benzene

Concen: 0.095 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

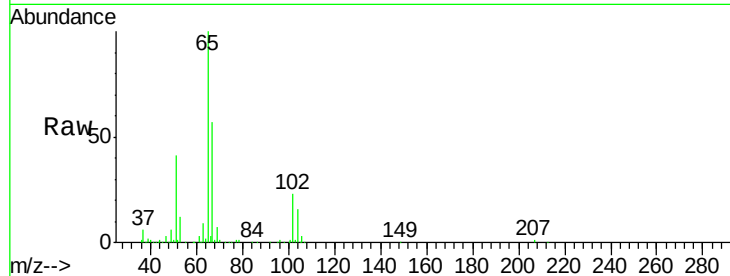
RT-1495

Tot Ion: 78 Resp: 1405

Ion Ratio Lower Upper

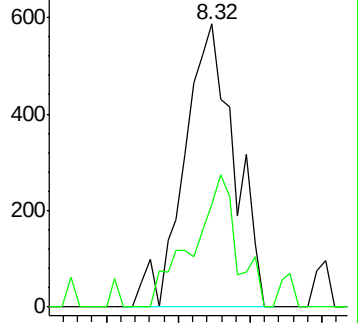
78 100

77 36.1 19.3 28.9#

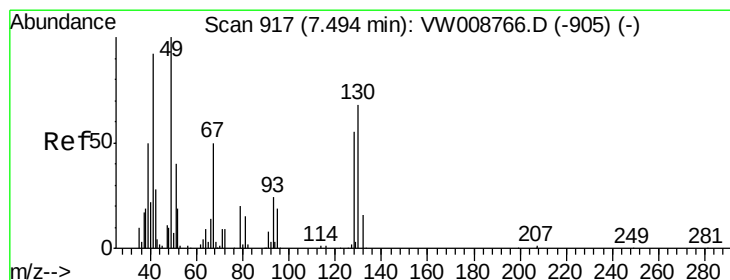
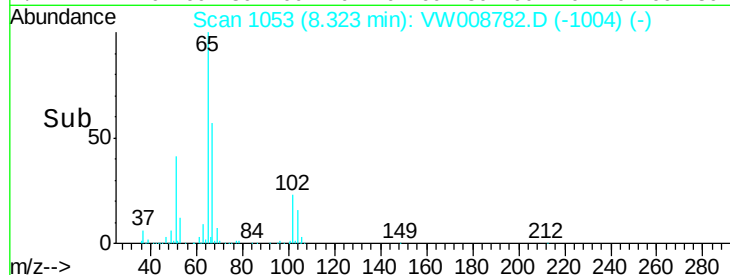


Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#41

Methacrylonitrile

Concen: 0.260 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Tgt Ion: 41 Resp: 385

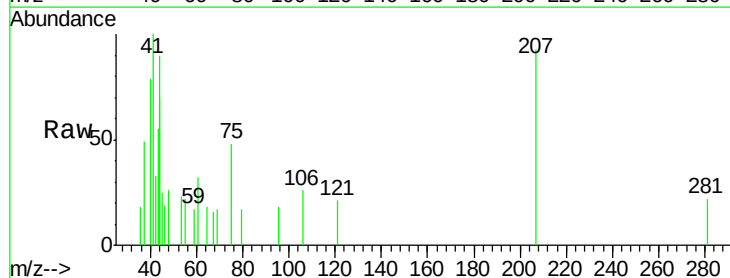
Ion Ratio Lower Upper

41 100

39 0.0 52.5 78.7#

67 4.9 55.0 82.6#

52 6.5 26.9 40.3#

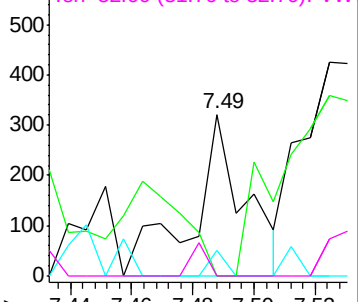


Abundance Ion 41.00 (40.70 to 41.70): VW

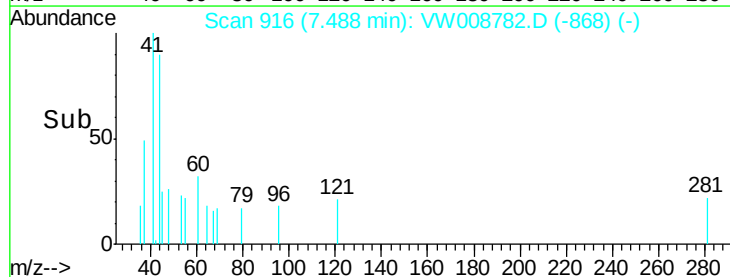
Ion 39.00 (38.70 to 39.70): VW

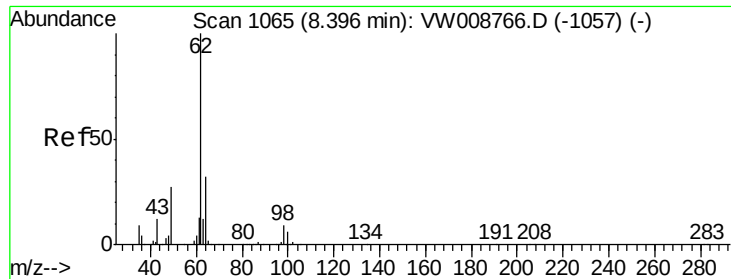
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



Time-->

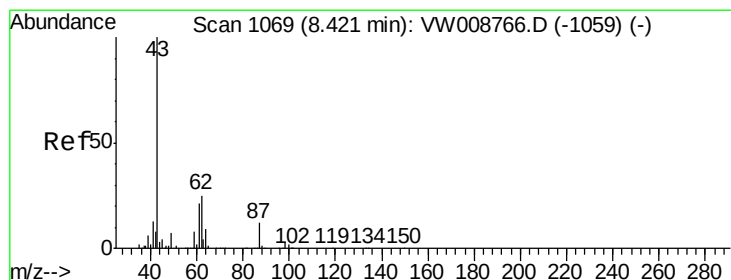
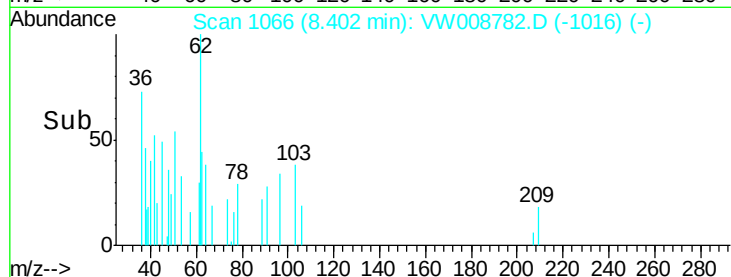
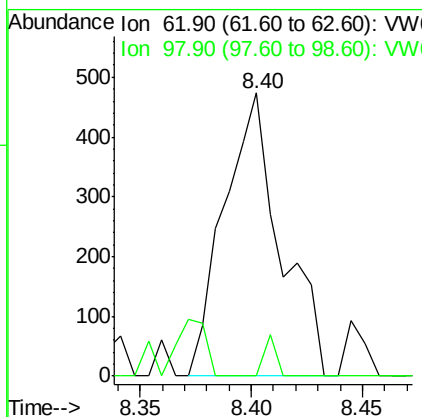
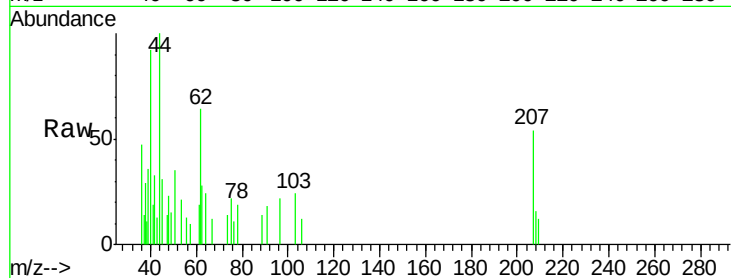




#42
 1,2-Dichloroethane
 Concen: 0.179 ug/l
 RT: 8.40 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

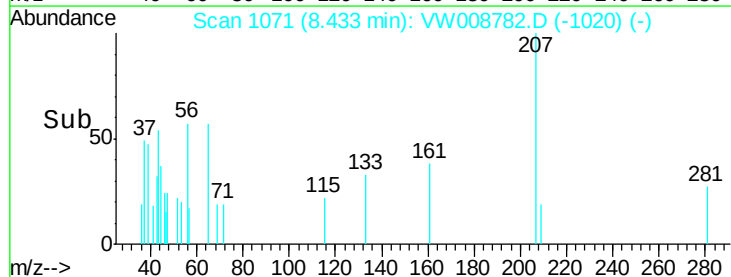
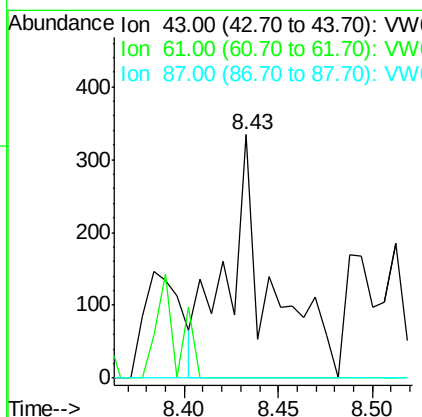
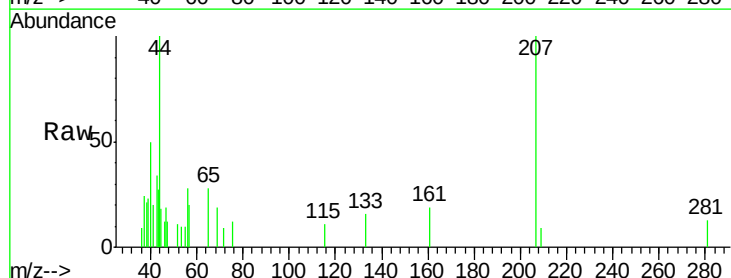
Instrument :
 MSVOA_W
 ClientSampled :
 RT-1495

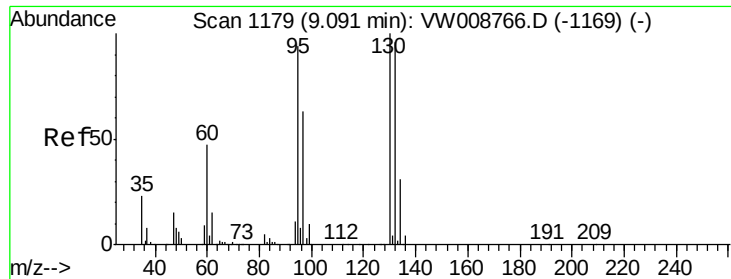
Tot Ion: 62 Resp: 837
 Ion Ratio Lower Upper
 62 100
 98 3.1 0.0 18.2



#43
 Isopropyl Acetate
 Concen: 0.105 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Tgt Ion: 43 Resp: 529
 Ion Ratio Lower Upper
 43 100
 61 0.0 23.2 34.8#
 87 0.0 9.9 14.9#





#44

Trichloroethene

Concen: 0.005 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

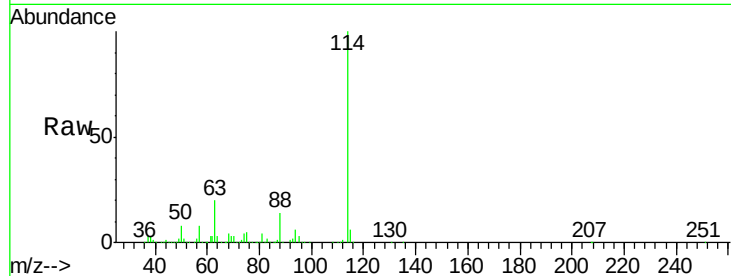
RT-1495

Tot Ion:130 Resp: 20

Ion Ratio Lower Upper

130 100

95 10024.1 0.0 188.6#



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

10000

8000

6000

4000

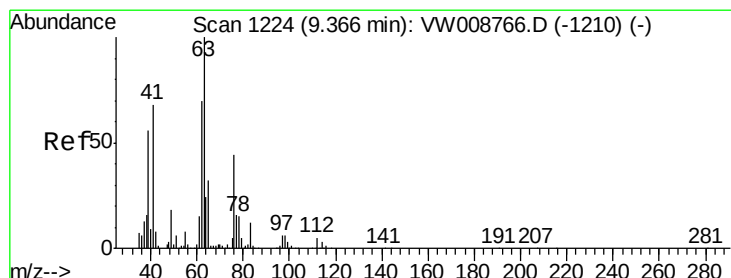
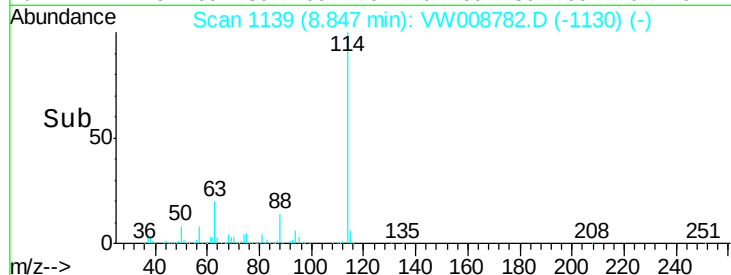
2000

0

8.83 8.84 8.85 8.86

8.85

Time-->



#45

1,2-Dichloropropane

Concen: 0.019 ug/l

RT: 9.29 min Scan# 1211

Delta R.T. -0.08 min

Lab File: VW008782.D

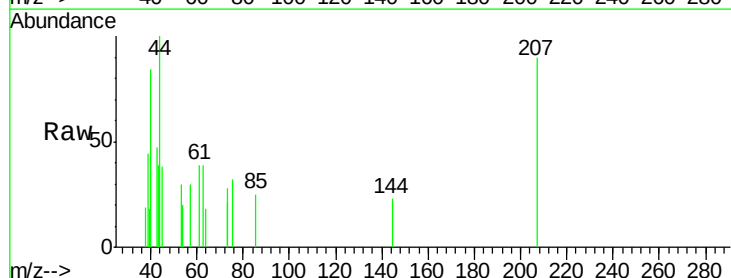
Acq: 21 Feb 2019 20:51

Tgt Ion: 63 Resp: 69

Ion Ratio Lower Upper

63 100

65 0.0 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

150

100

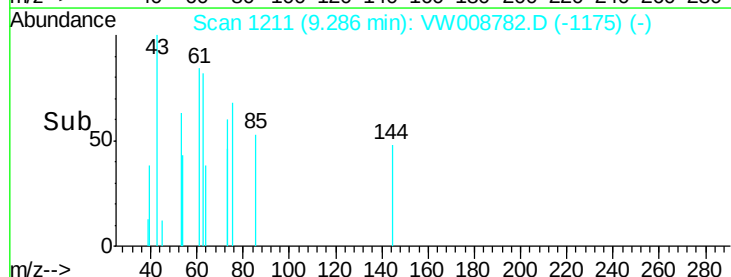
50

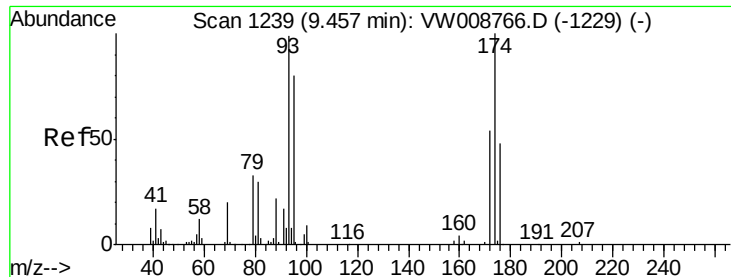
0

9.27 9.28 9.29 9.30

9.29

Time-->





#46

Dibromomethane

Concen: 0.052 ug/l

RT: 9.35 min Scan# 1222

Delta R.T. -0.10 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

RT-1495

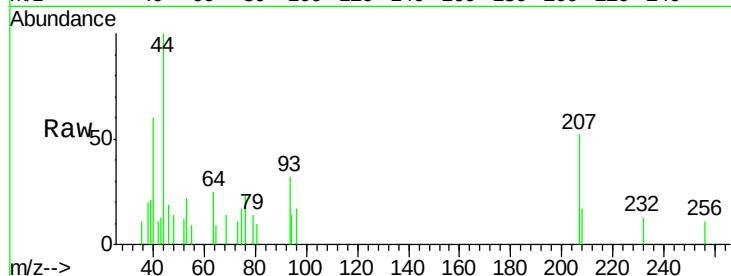
Tot Ion: 93 Resp: 105

Ion Ratio Lower Upper

93 100

95 0.0 67.7 101.5#

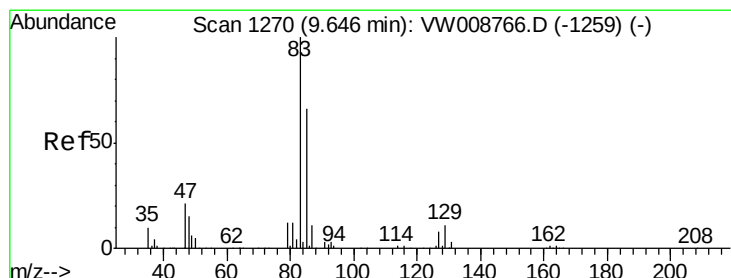
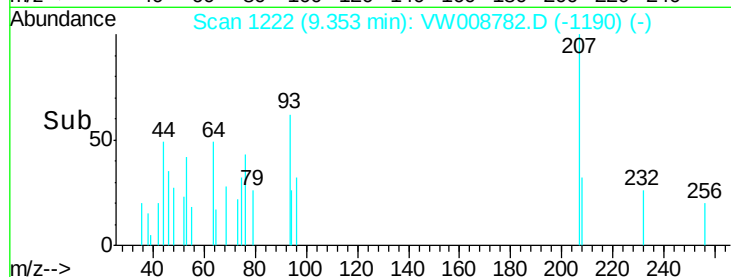
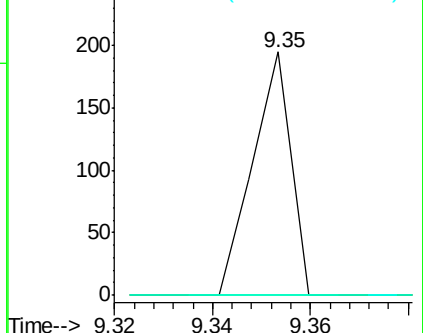
174 0.0 86.7 130.1#



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 0.005 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

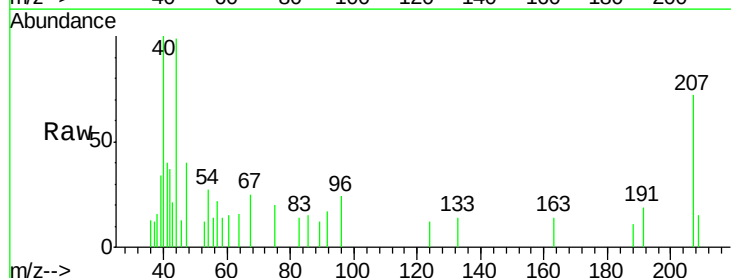
Tgt Ion: 83 Resp: 23

Ion Ratio Lower Upper

83 100

85 104.7 52.5 78.7#

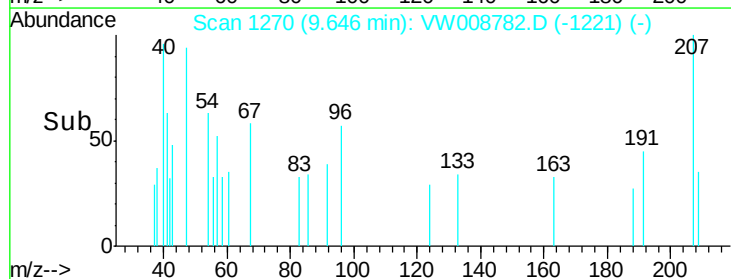
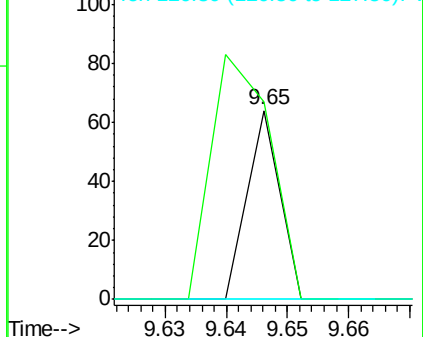
127 0.0 6.7 10.1#

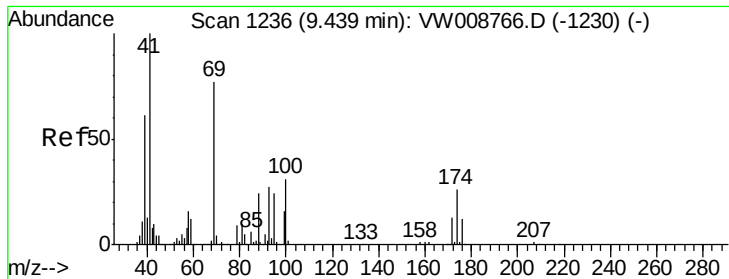


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

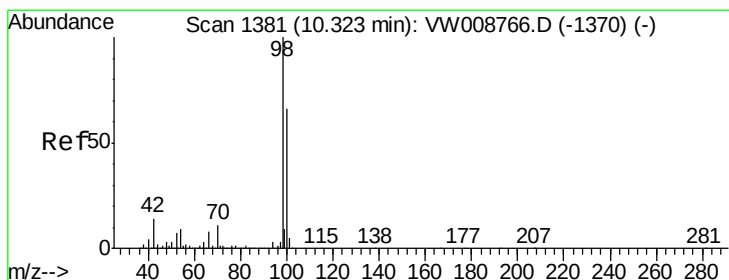
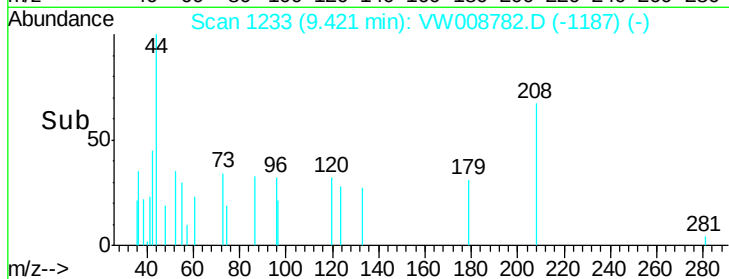
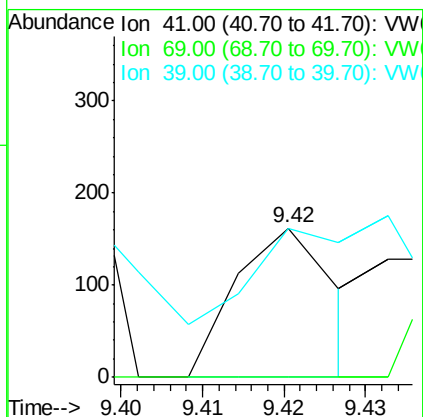
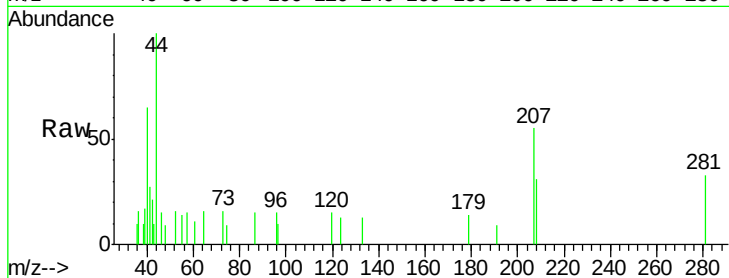




#48
Methvl methacrylate
Concen: 0.057 ug/l
RT: 9.42 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

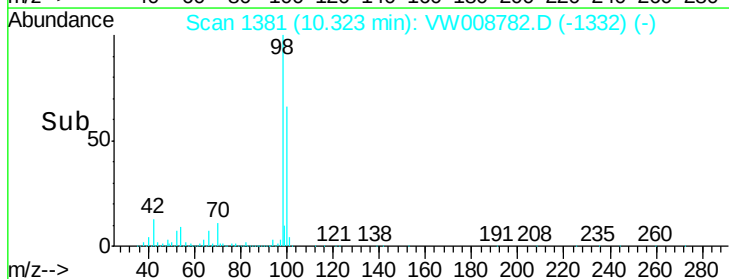
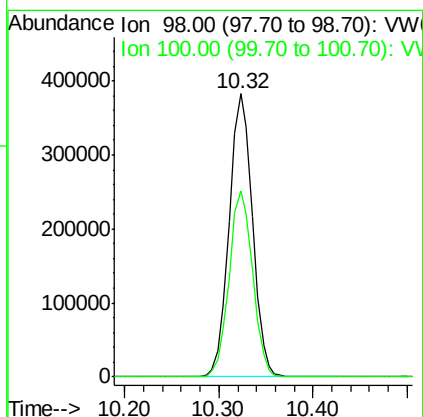
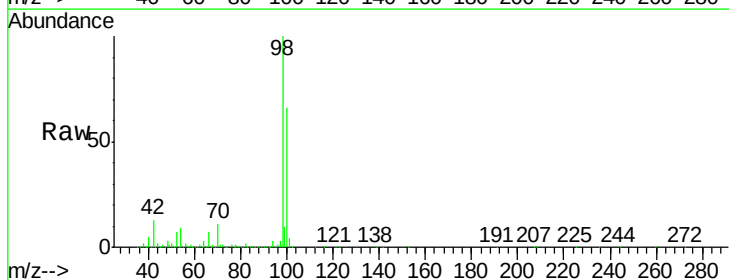
Instrument :
MSVOA_W
ClientSampleId :
RT-1495

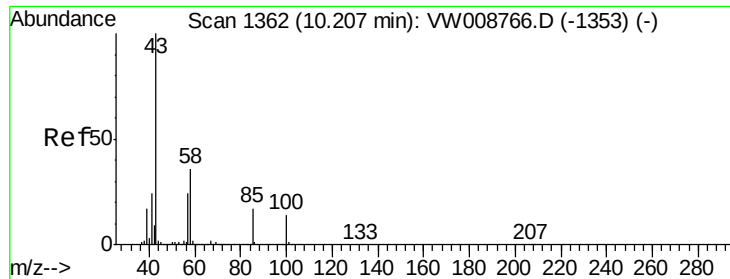
Tot Ion: 41 Resp: 136
Ion Ratio Lower Upper
41 100
69 77.2 63.6 95.4
39 100.7 52.1 78.1#



#50
Toluene-d8
Concen: 51.018 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

Tgt Ion: 98 Resp: 657370
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

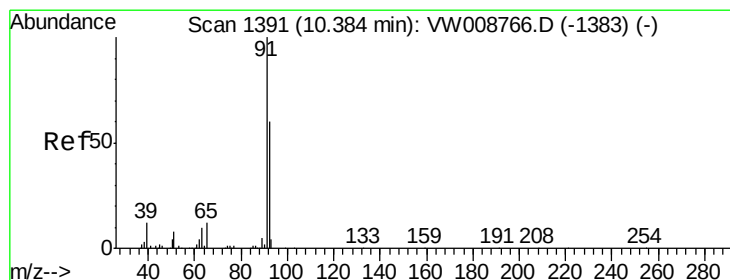
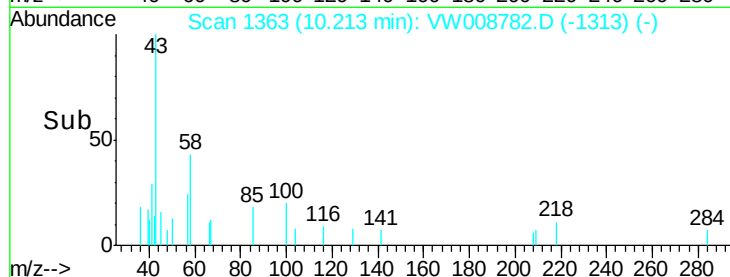
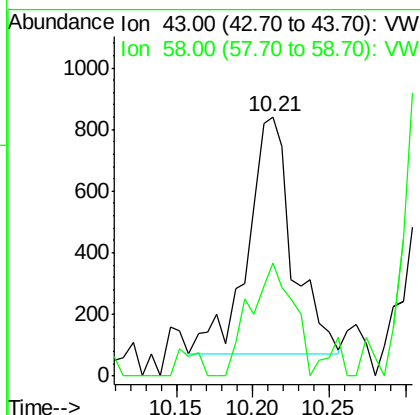
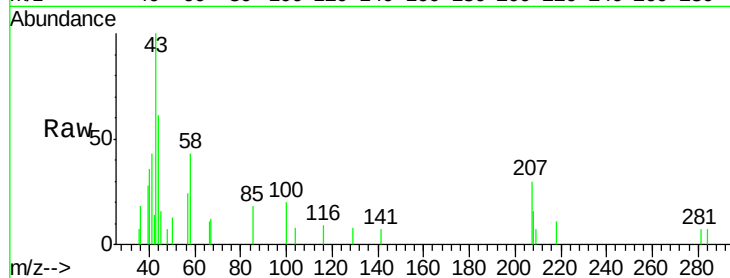




#51
 4-Methyl-2-Pentanone
 Concen: 0.617 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

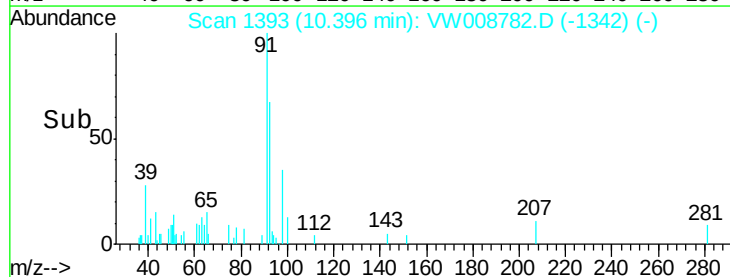
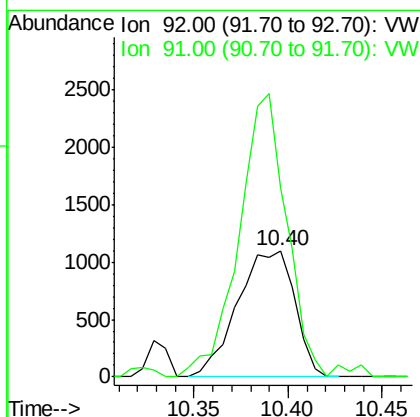
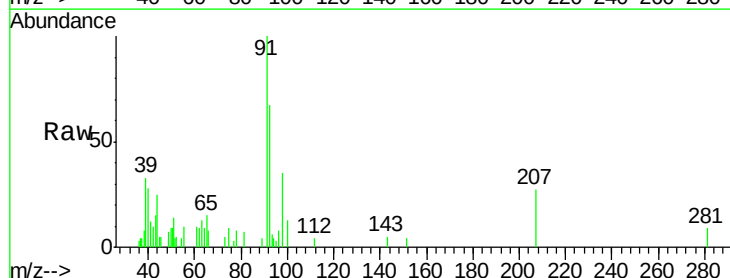
Instrument :
 MSVOA_W
 ClientSampled :
 RT-1495

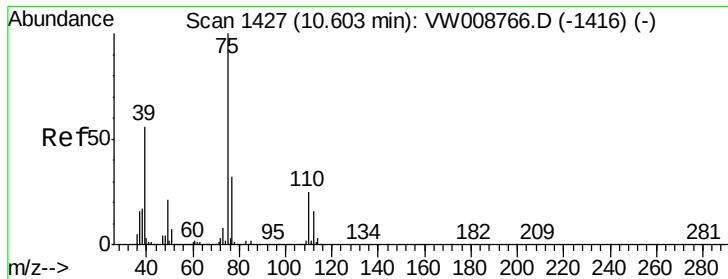
Tot Ion: 43 Resp: 1573
 Ion Ratio Lower Upper
 43 100
 58 46.6 29.1 43.7#



#52
 Toluene
 Concen: 0.230 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Tgt Ion: 92 Resp: 2305
 Ion Ratio Lower Upper
 92 100
 91 186.8 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 0.004 ug/l

RT: 10.59 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

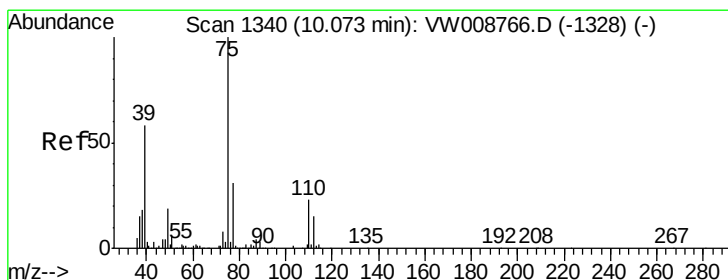
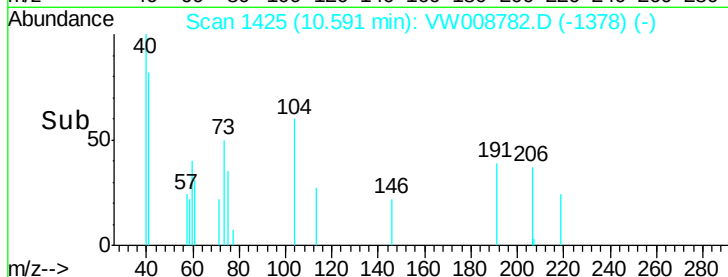
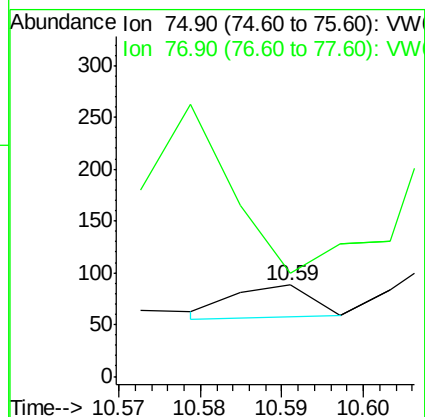
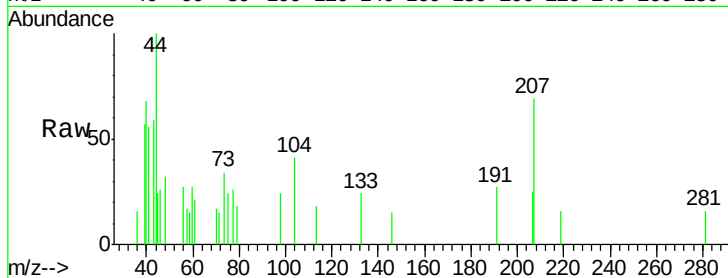
RT-1495

Tot Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

77 0.0 26.1 39.1#



#54

cis-1,3-Dichloropropene

Concen: 0.005 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

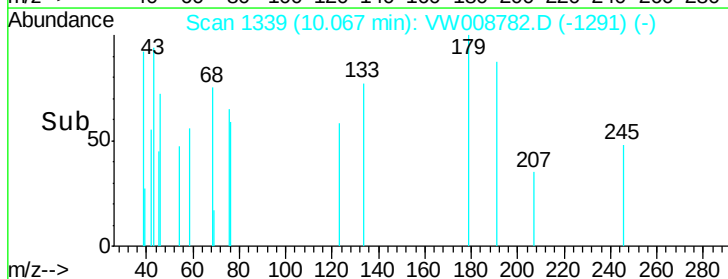
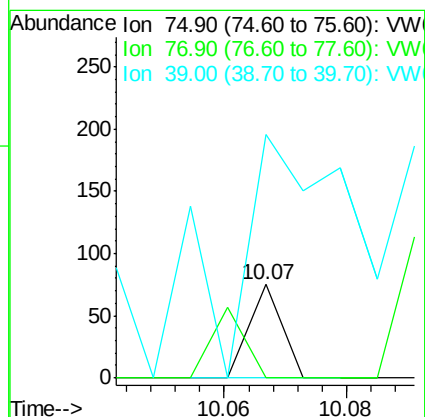
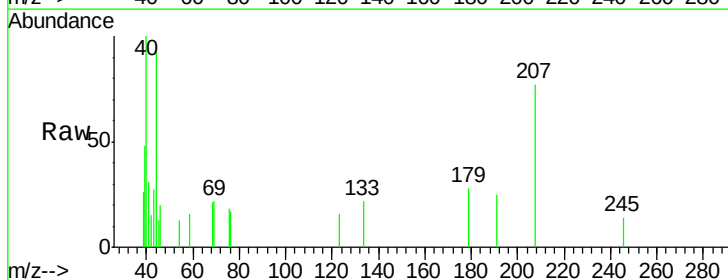
Tgt Ion: 75 Resp: 27

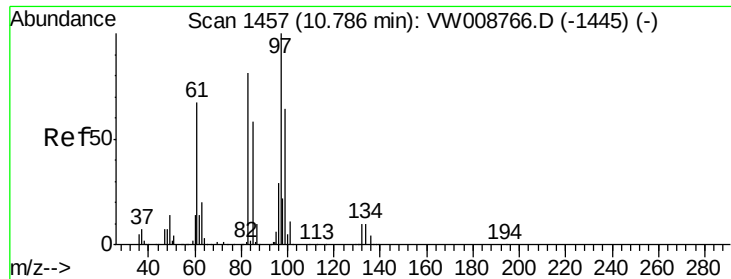
Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 77.3 46.6 70.0#

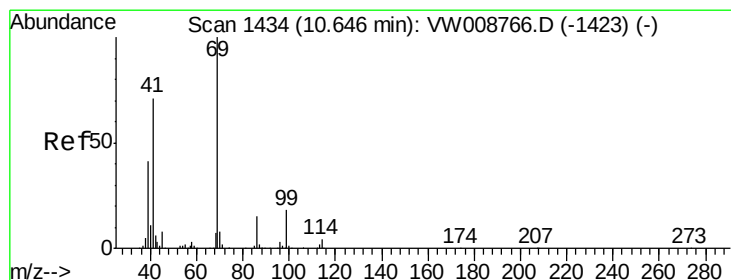
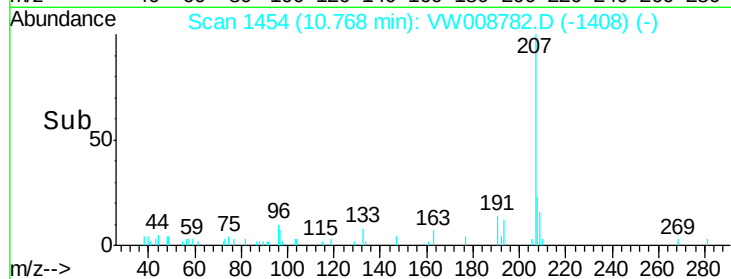
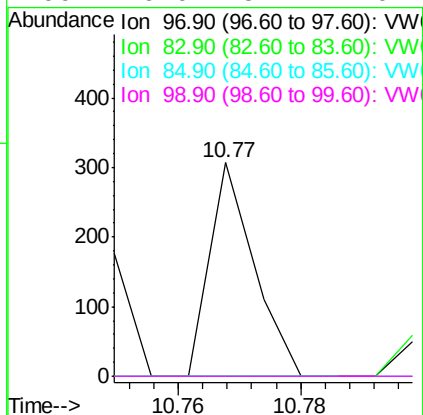
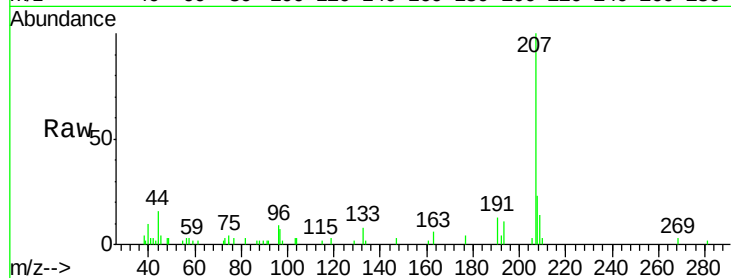




#55
 1,1,2-Trichloroethane
 Concen: 0.056 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

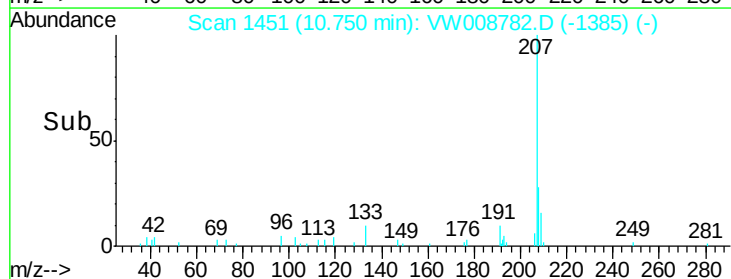
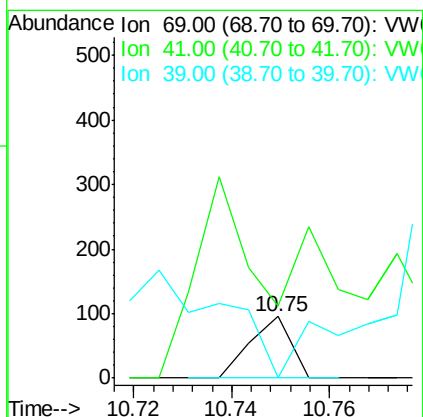
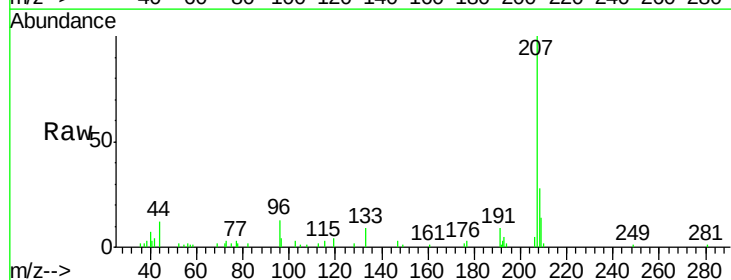
Instrument :
 MSVOA_W
 ClientSampled :
 RT-1495

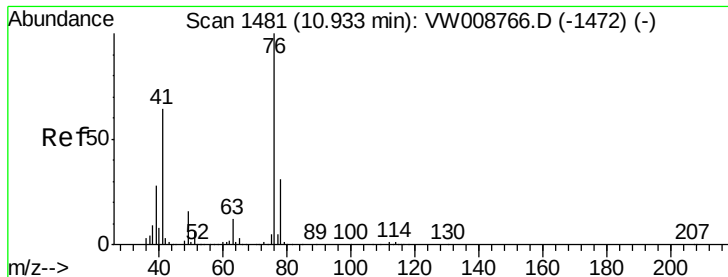
Tot Ion: 97 Resp: 153
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.0 97.6#
 85 0.0 46.0 69.0#
 99 0.0 51.1 76.7#



#56
 Ethyl methacrylate
 Concen: 0.015 ug/l
 RT: 10.75 min Scan# 1451
 Delta R.T. 0.10 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Tgt Ion: 69 Resp: 55
 Ion Ratio Lower Upper
 69 100
 41 485.5 57.4 86.0#
 39 0.0 34.8 52.2#





#57

1,3-Dichloropropane

Concen: 0.004 ug/l

RT: 10.96 min Scan# 1485

Delta R.T. 0.02 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

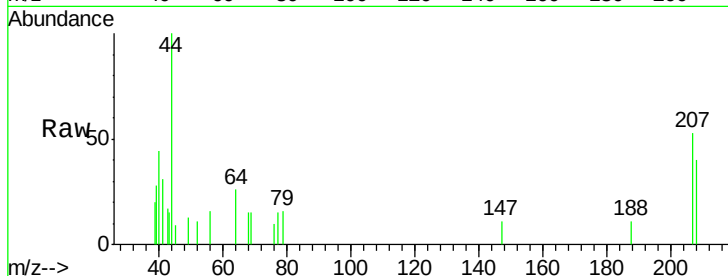
RT-1495

Tot Ion: 76 Resp: 19

Ion Ratio Lower Upper

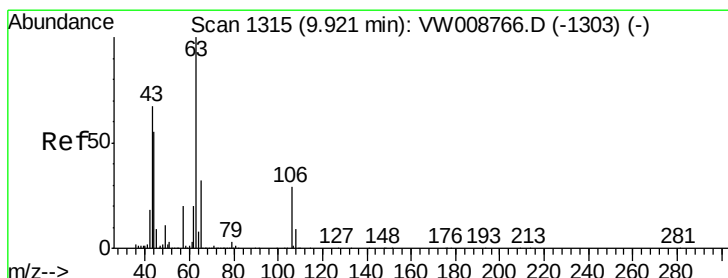
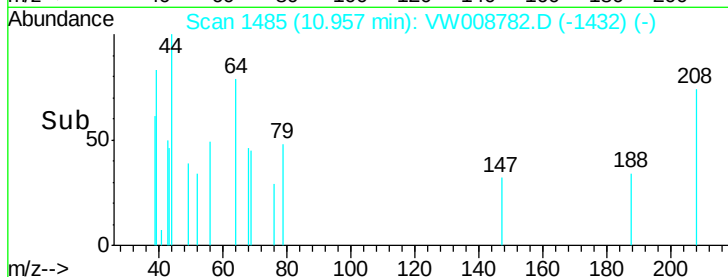
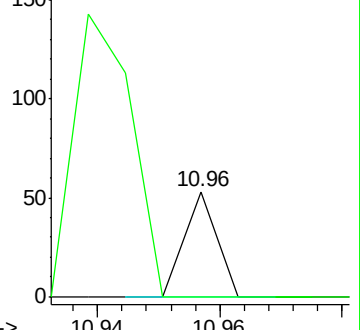
76 100

78 700.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 0.035 ug/l

RT: 9.90 min Scan# 1312

Delta R.T. -0.02 min

Lab File: VW008782.D

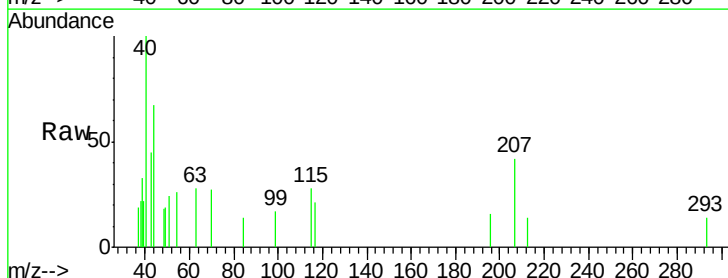
Acq: 21 Feb 2019 20:51

Tgt Ion: 63 Resp: 63

Ion Ratio Lower Upper

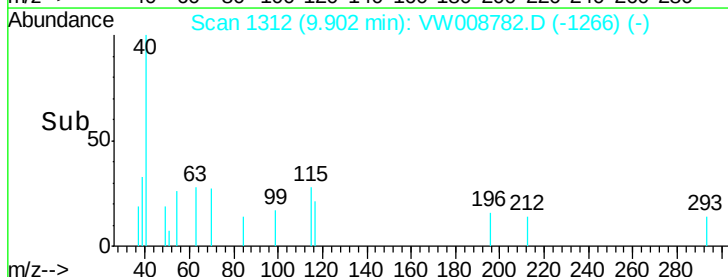
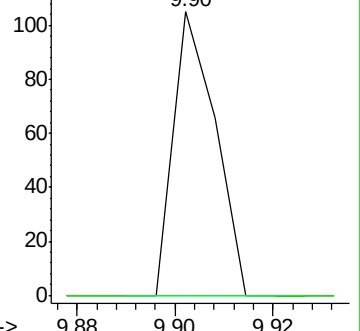
63 100

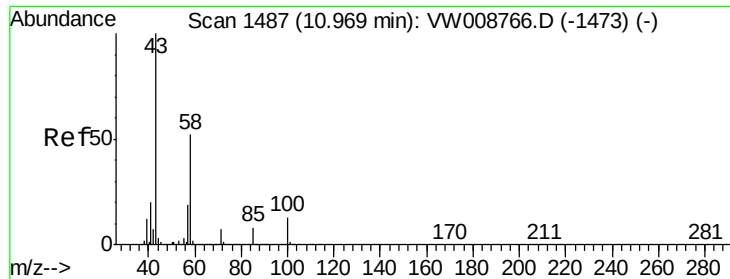
106 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

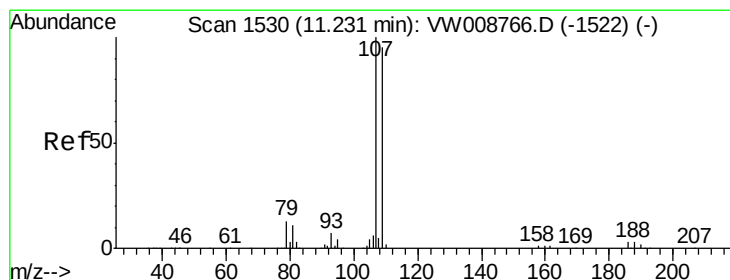
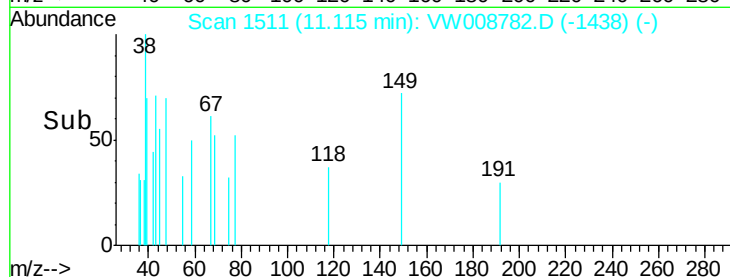
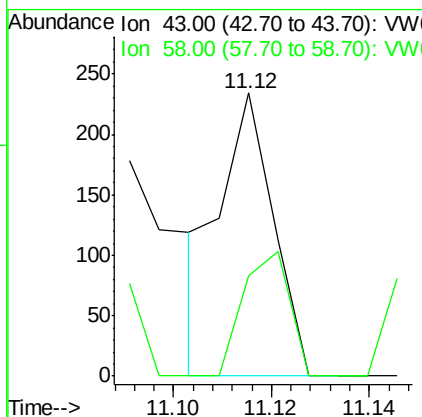
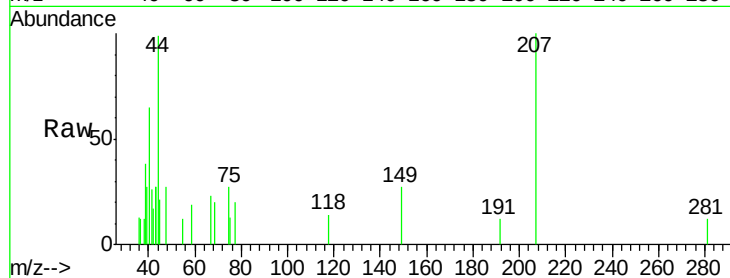




#59
2-Hexanone
Concen: 0.096 ug/l
RT: 11.12 min Scan# 1511
Delta R.T. 0.15 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

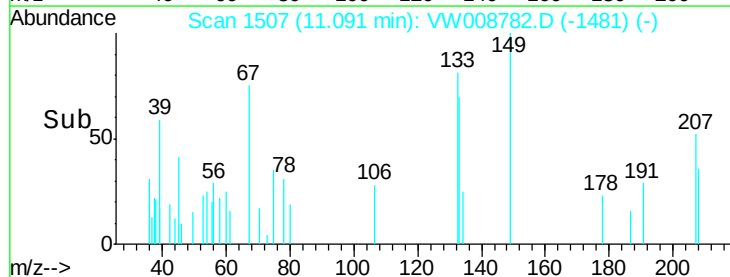
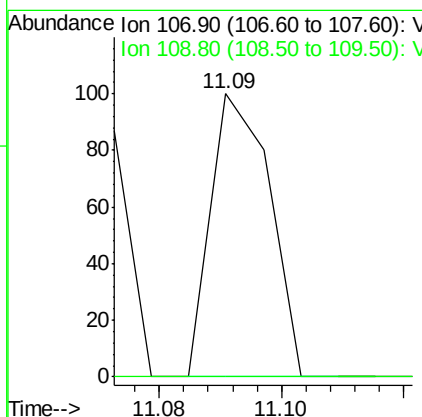
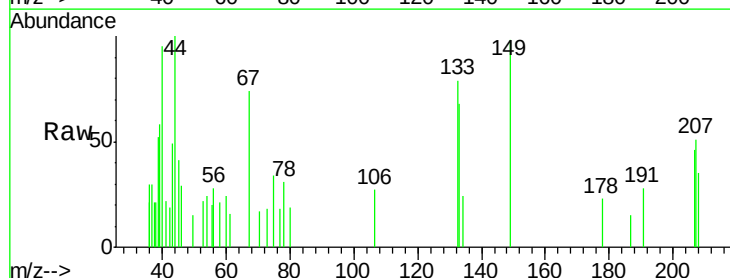
Instrument :
MSVOA_W
ClientSampled :
RT-1495

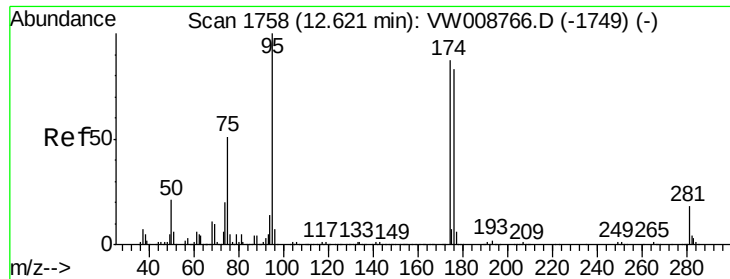
Tot Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
58 38.9 25.3 75.8



#61
1,2-Dibromoethane
Concen: 0.024 ug/l
RT: 11.09 min Scan# 1507
Delta R.T. -0.14 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

Tgt Ion:107 Resp: 66
Ion Ratio Lower Upper
107 100
109 0.0 75.6 113.4#

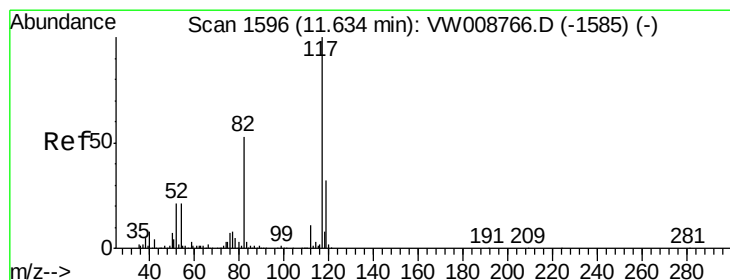
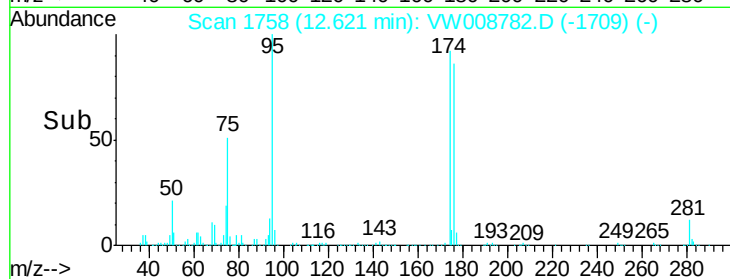
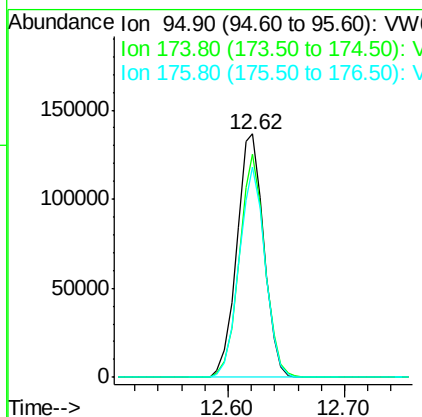
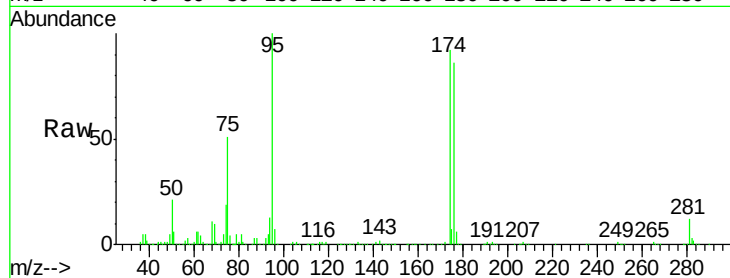




#62
4-Bromofluorobenzene
Concen: 43.682 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

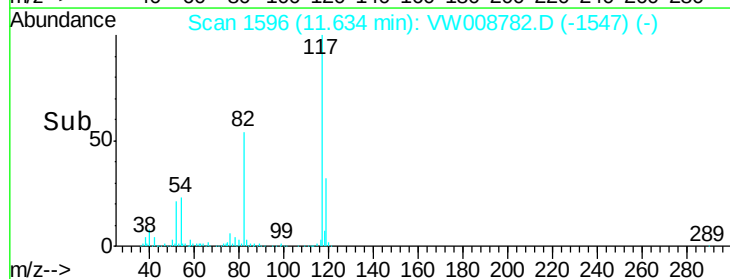
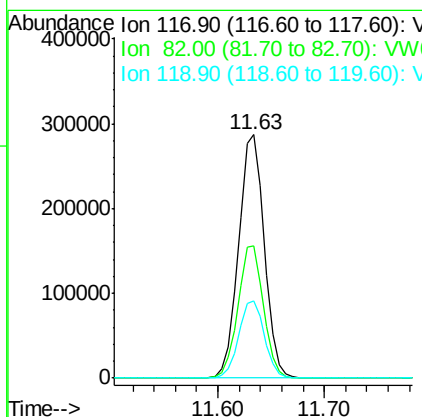
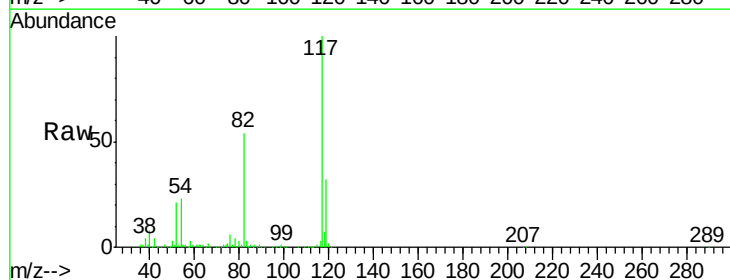
Instrument :
MSVOA_W
ClientSampled :
RT-1495

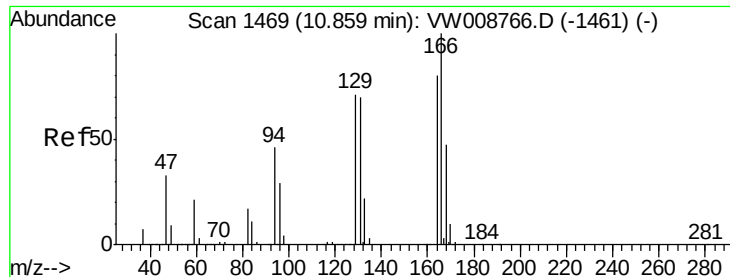
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	169.2
176	83.4	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.4
119	31.9	25.9	38.9





#64

Tetrachloroethene

Concen: 0.015 ug/l

RT: 10.74 min Scan# 1450

Delta R.T. -0.12 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

RT-1495

Tot Ion:164 Resp: 51

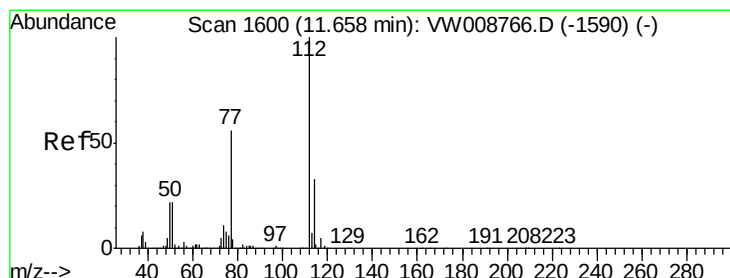
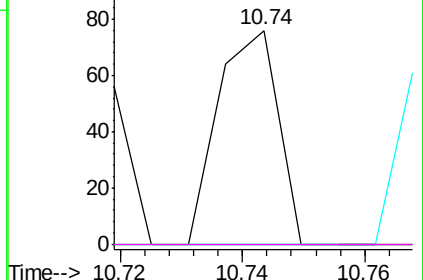
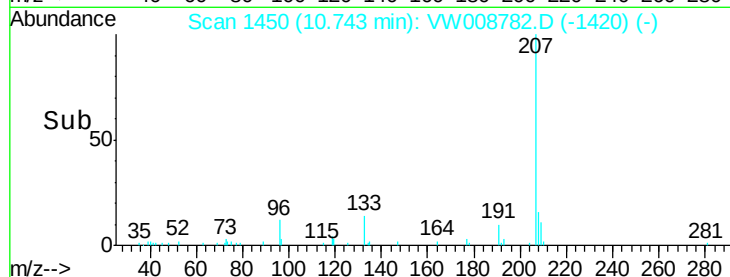
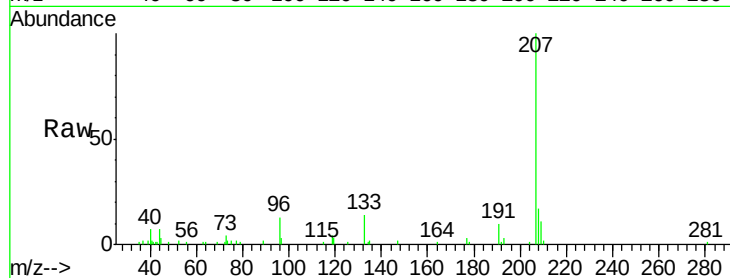
Ion Ratio Lower Upper

164 100

166 0.0 99.5 149.3#

129 0.0 71.1 106.7#

131 0.0 69.8 104.8#



#65

Chlorobenzene

Concen: 0.015 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.02 min

Lab File: VW008782.D

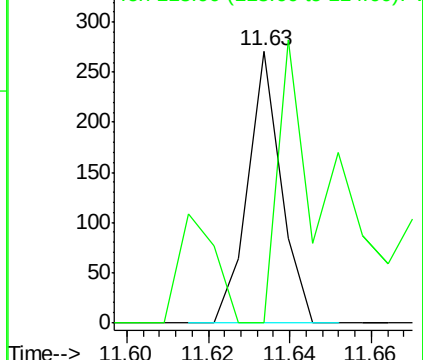
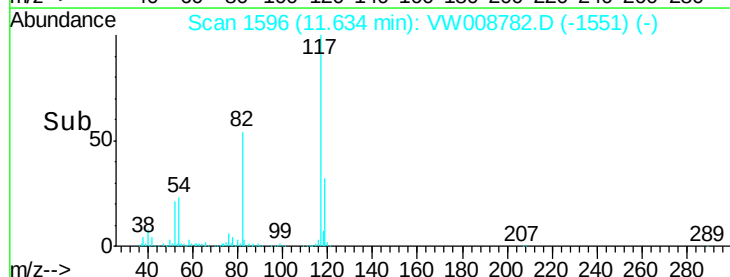
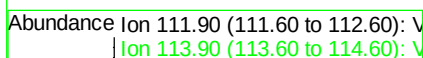
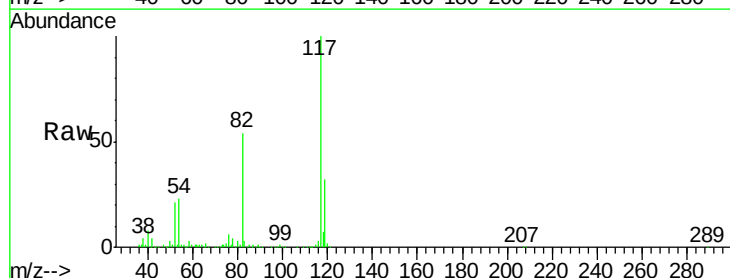
Acq: 21 Feb 2019 20:51

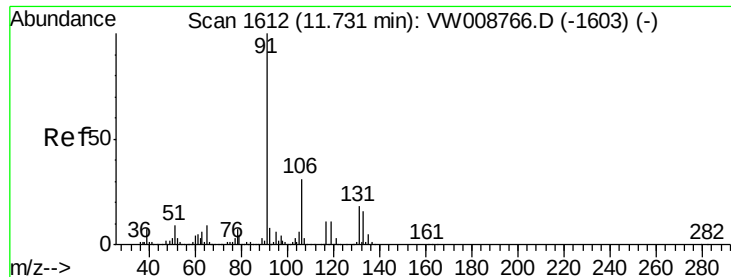
Tgt Ion:112 Resp: 153

Ion Ratio Lower Upper

112 100

114 0.0 26.6 40.0#

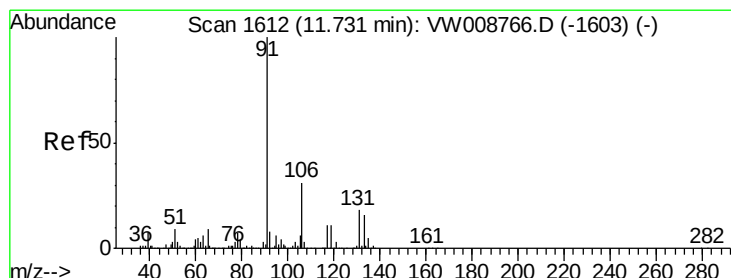
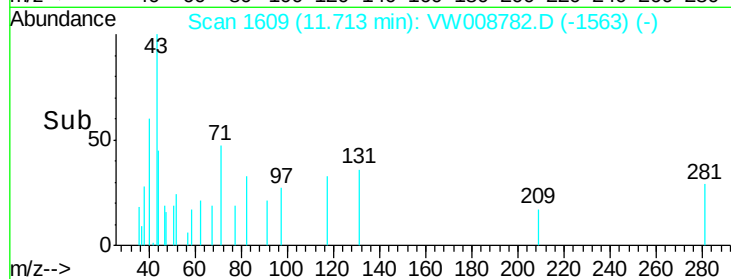
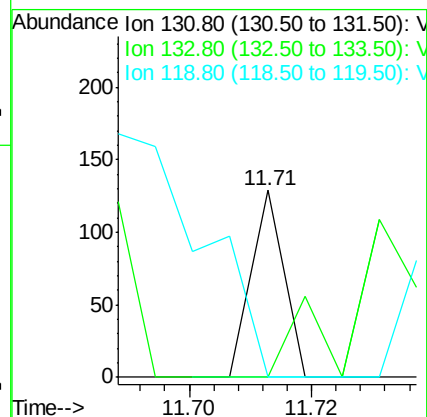
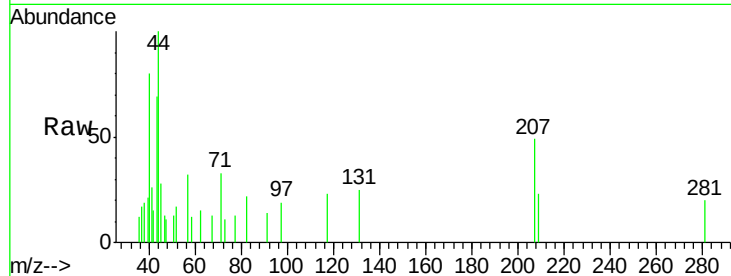




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.014 ug/l
 RT: 11.71 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

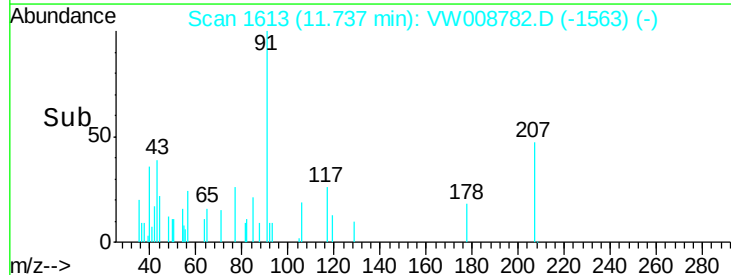
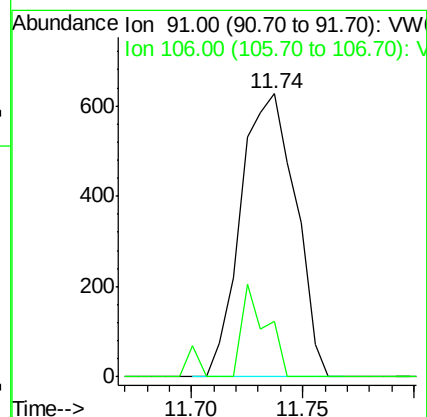
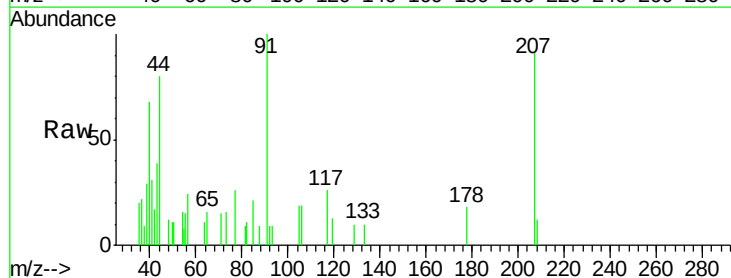
Instrument :
 MSVOA_W
 ClientSampled :
 RT-1495

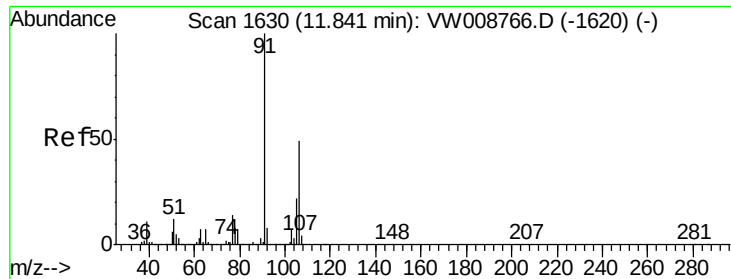
Tot Ion:131 Resp: 47
 Ion Ratio Lower Upper
 131 100
 133 176.6 46.7 140.0#
 119 0.0 30.8 92.4#



#67
 Ethyl Benzene
 Concen: 0.059 ug/l
 RT: 11.74 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Tgt Ion: 91 Resp: 1070
 Ion Ratio Lower Upper
 91 100
 106 19.5 25.0 37.6#

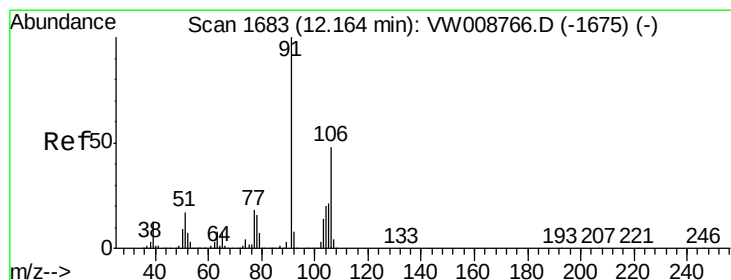
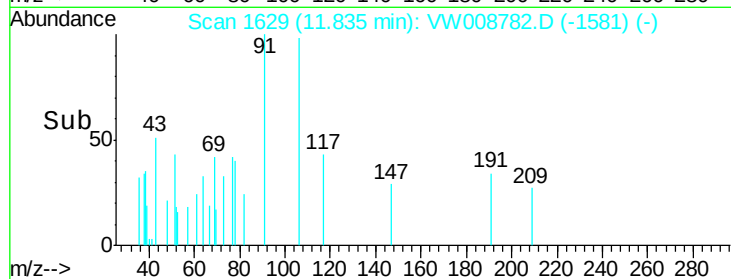
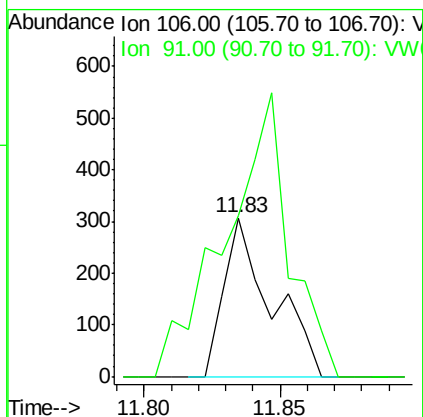
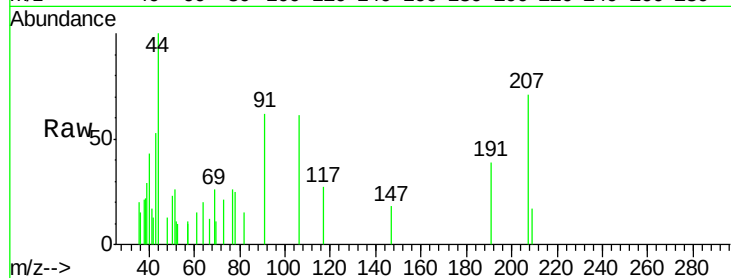




#68
m/p-Xylenes
Concen: 0.050 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

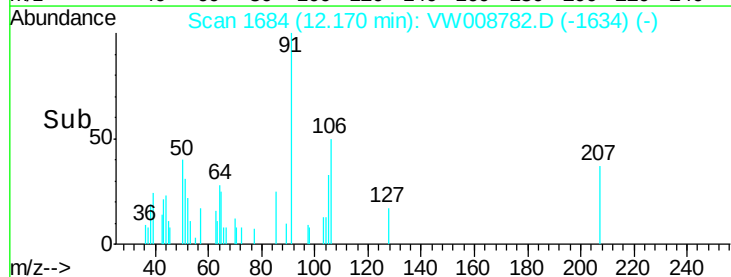
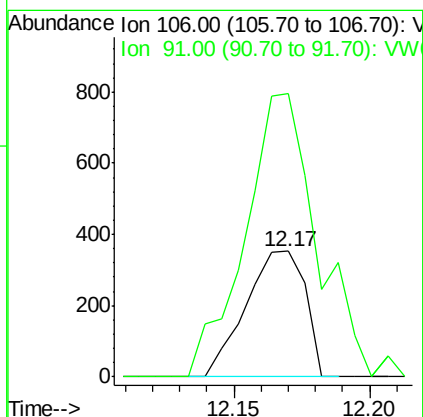
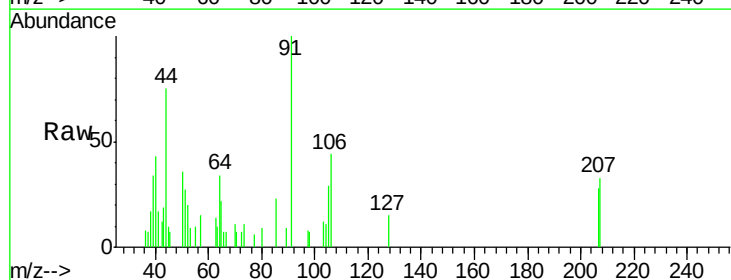
Instrument :
MSVOA_W
ClientSampled :
RT-1495

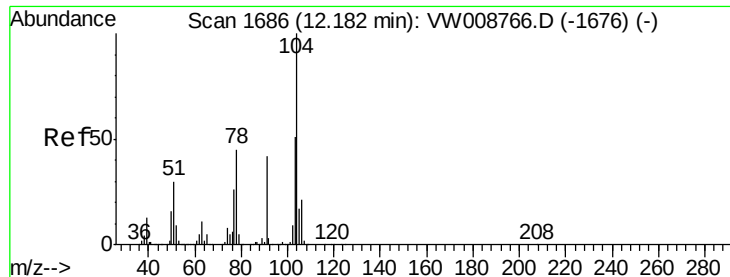
Tot Ion:106 Resp: 368
Ion Ratio Lower Upper
106 100
91 241.0 161.5 242.3



#69
o-Xylene
Concen: 0.078 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

Tgt Ion:106 Resp: 532
Ion Ratio Lower Upper
106 100
91 276.7 106.2 318.6

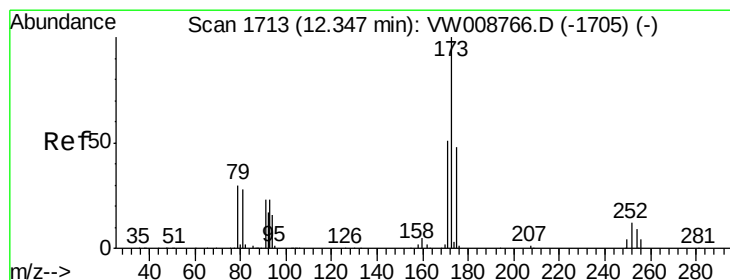
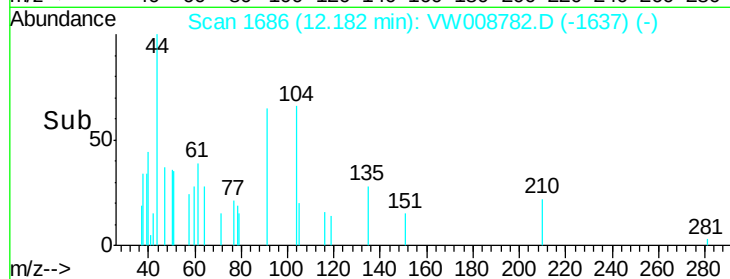
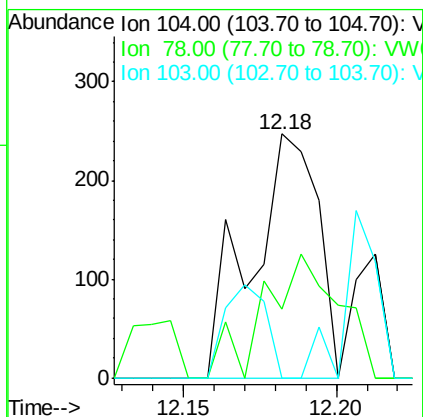
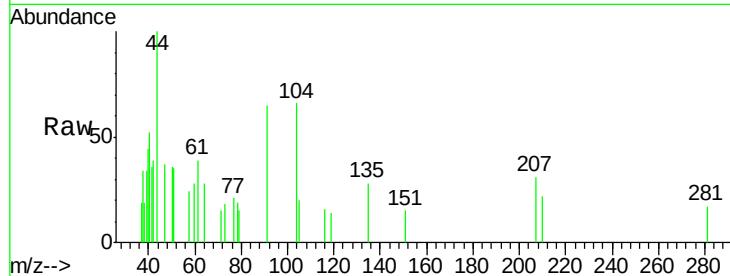




#70
Stvrene
Concen: 0.034 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

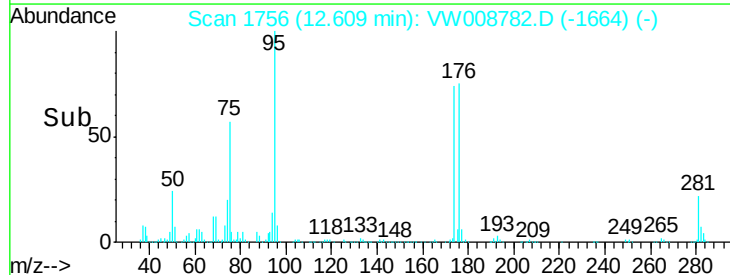
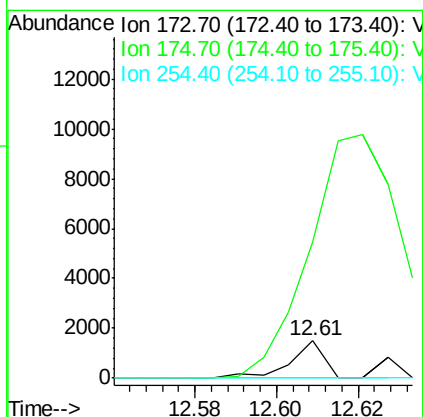
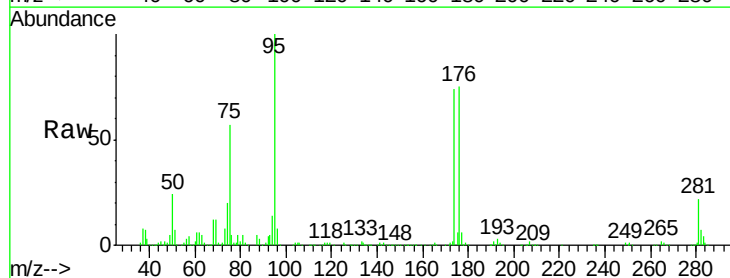
Instrument :
MSVOA_W
ClientSampleId :
RT-1495

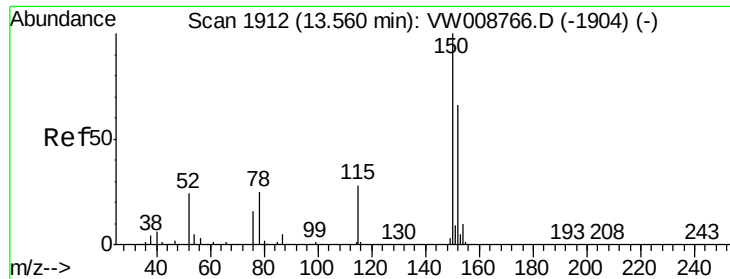
Tot Ion:104 Resp: 374
Ion Ratio Lower Upper
104 100
78 57.5 40.8 61.2
103 23.8 44.2 66.2#



#71
Bromoform
Concen: 0.459 ug/l
RT: 12.61 min Scan# 1756
Delta R.T. 0.26 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

Tgt Ion:173 Resp: 854
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.2 0.4#



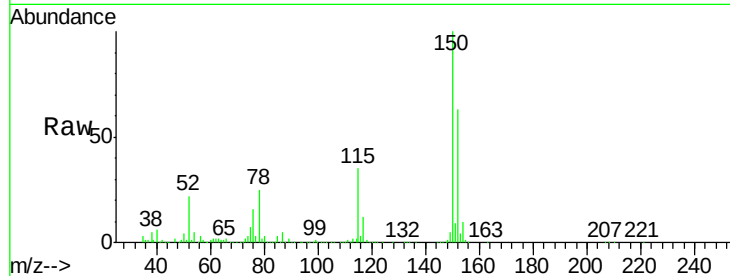


#72

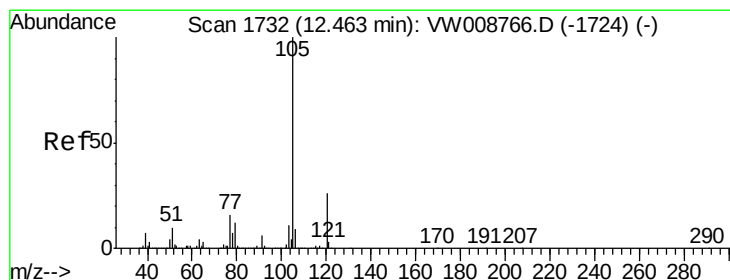
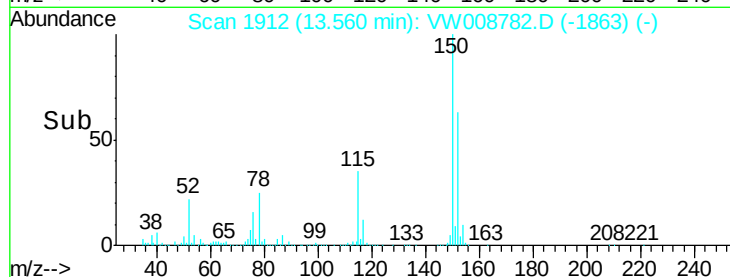
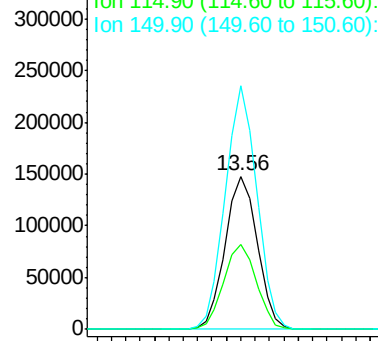
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :
RT-1495

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.6	85.8
150	156.2	0.0	348.0



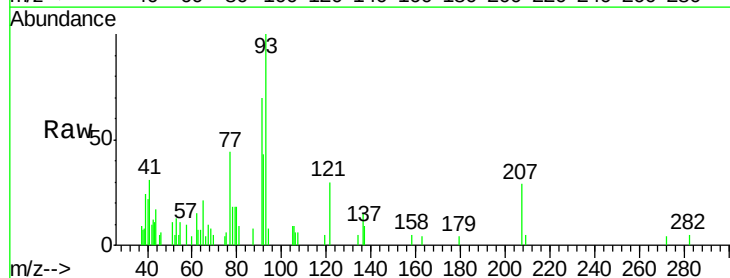
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



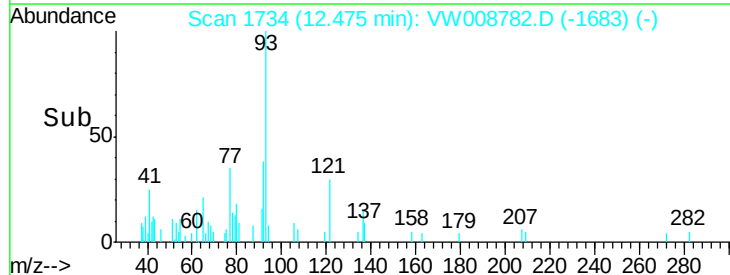
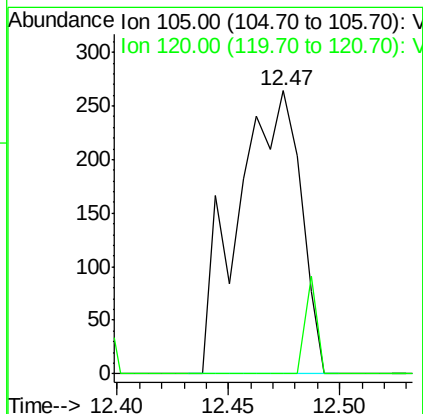
#73

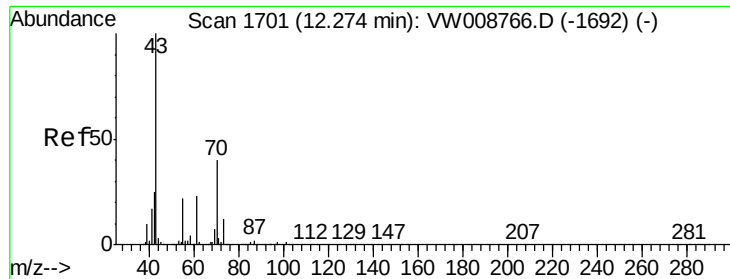
Isopropylbenzene
Concen: 0.033 ug/l
RT: 12.47 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW008782.D
Acq: 21 Feb 2019 20:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	6.3	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-amvl acetate

Concen: 0.053 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

RT-1495

Tot Ion: 43 Resp: 210

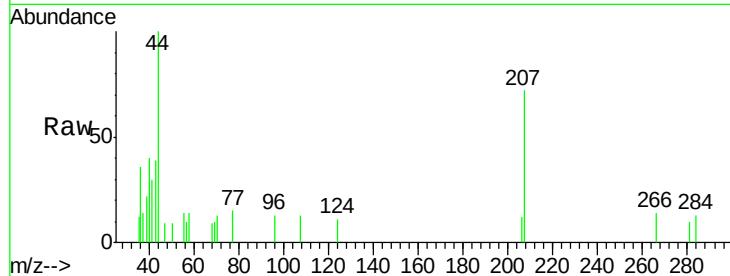
Ion Ratio Lower Upper

43 100

70 54.3 31.0 46.6#

55 63.3 18.7 28.1#

61 0.0 18.1 27.1#



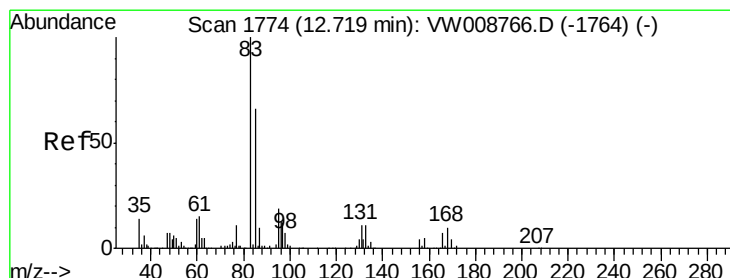
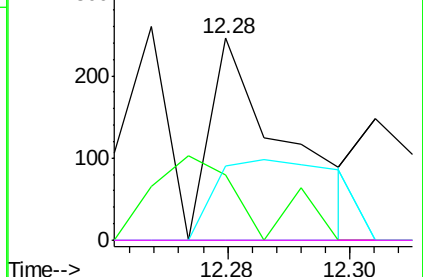
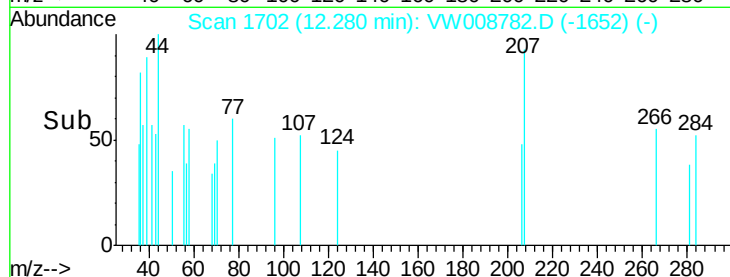
Abundance Ion 43.00 (42.70 to 43.70): VW

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

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.007 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

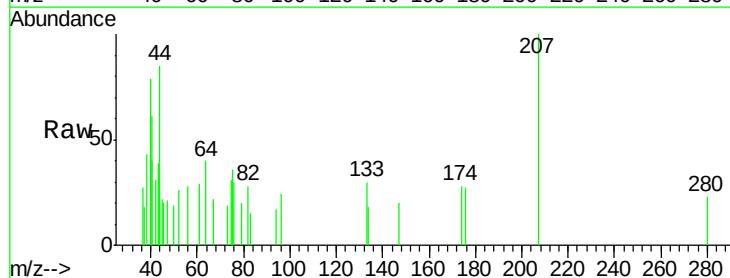
Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 33.0 98.9#

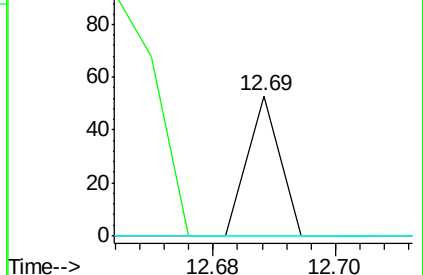
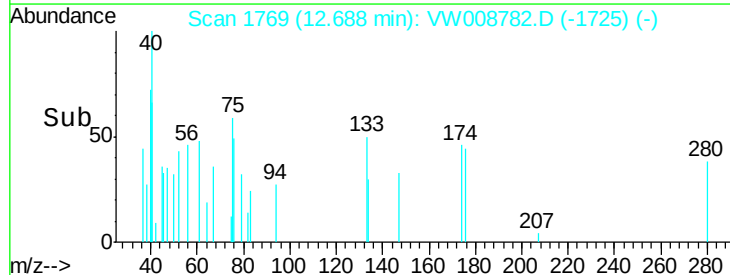


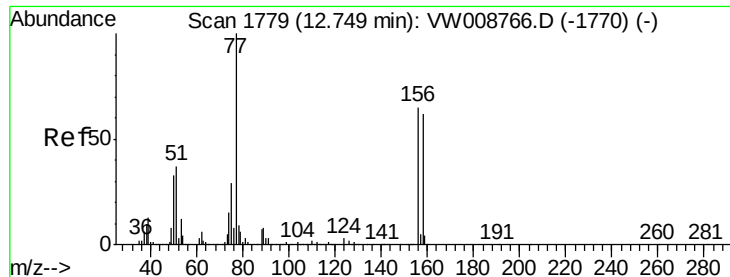
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

Time-->





#77

Bromobenzene

Concen: 0.019 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

RT-1495

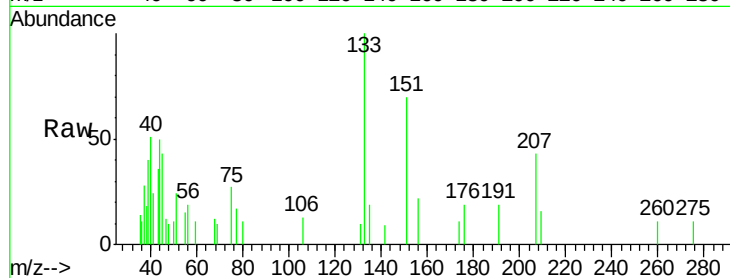
Tot Ion:156 Resp: 71

Ion Ratio Lower Upper

156 100

77 178.9 89.1 267.4

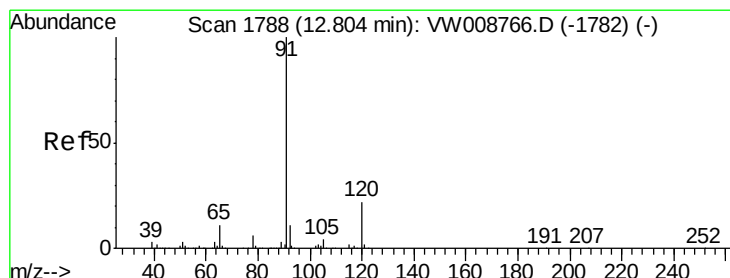
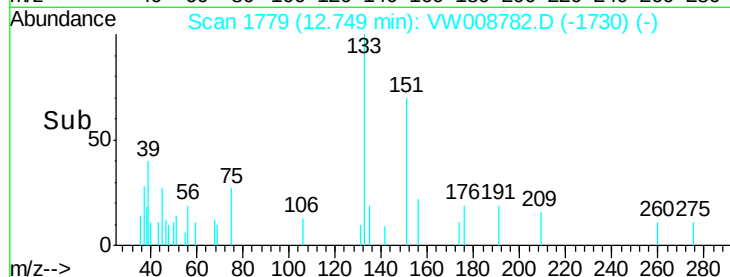
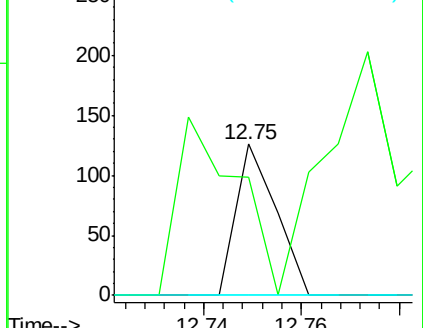
158 0.0 49.2 147.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.018 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008782.D

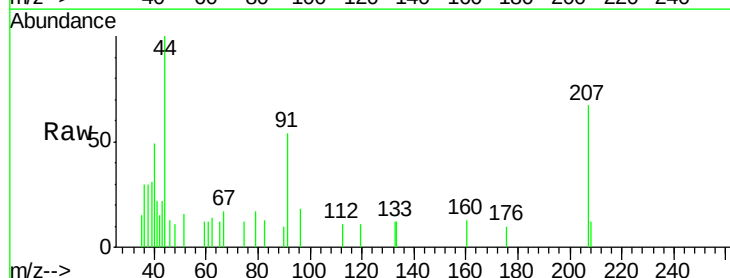
Acq: 21 Feb 2019 20:51

Tgt Ion: 91 Resp: 348

Ion Ratio Lower Upper

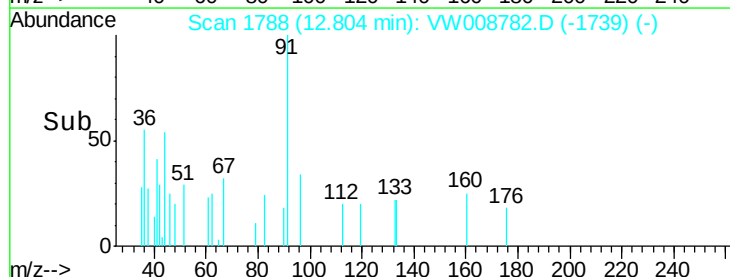
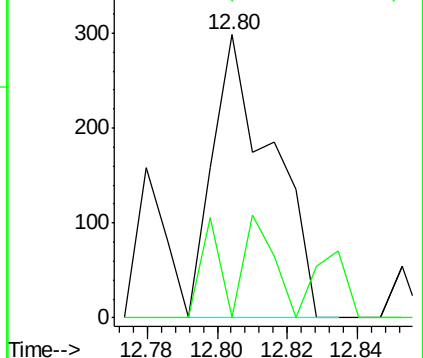
91 100

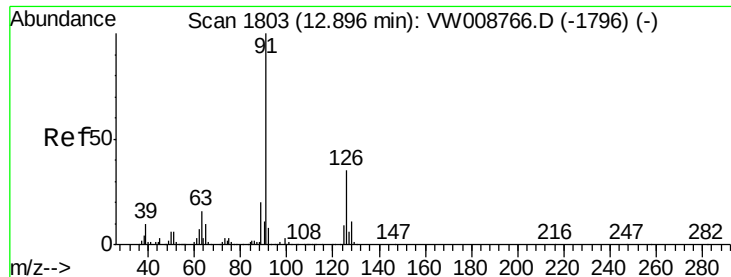
120 18.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.013 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

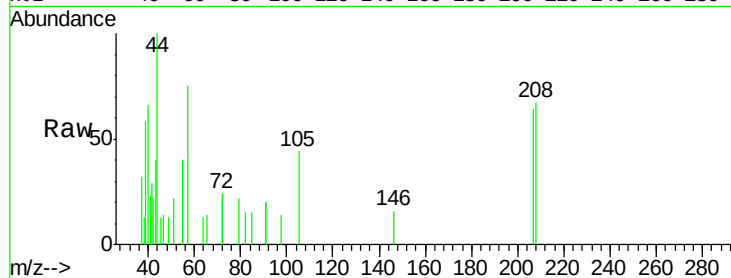
RT-1495

Tot Ion: 91 Resp: 144

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#

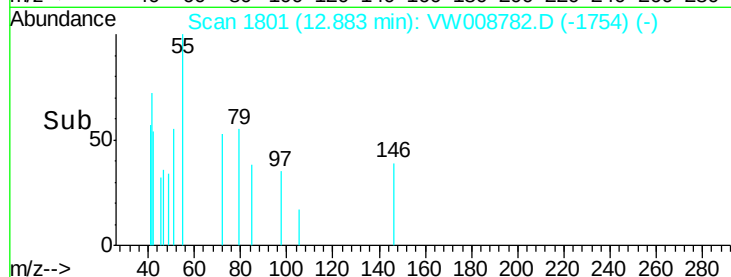


Abundance Ion 91.00 (90.70 to 91.70): VW

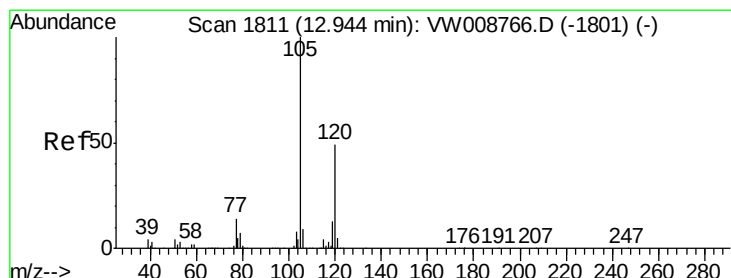
Ion 125.90 (125.60 to 126.60): V

12.88

12.85 12.90



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.040 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.07 min

Lab File: VW008782.D

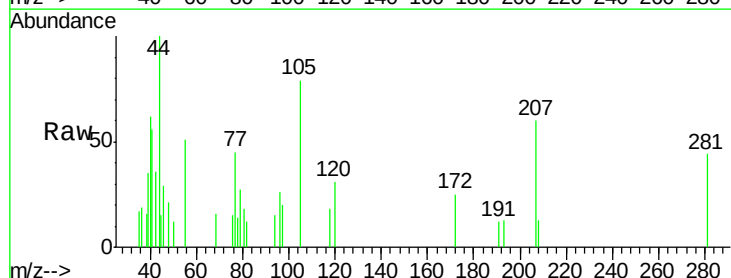
Acq: 21 Feb 2019 20:51

Tgt Ion: 105 Resp: 550

Ion Ratio Lower Upper

105 100

120 28.5 24.8 74.4

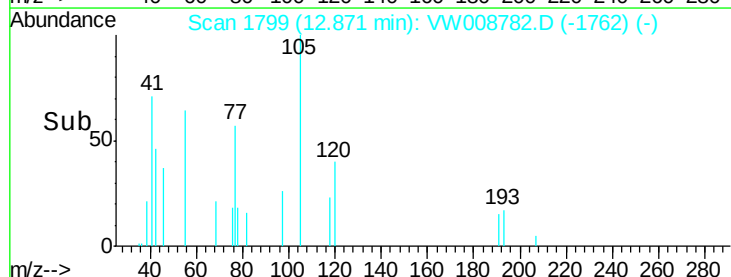


Abundance Ion 105.00 (104.70 to 105.70): V

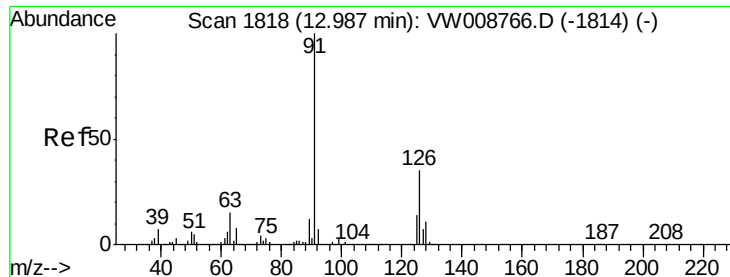
Ion 120.00 (119.70 to 120.70): V

12.87

12.85 12.90



Time-->



#82

4-Chlorotoluene

Concen: 0.002 ug/l

RT: 12.98 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

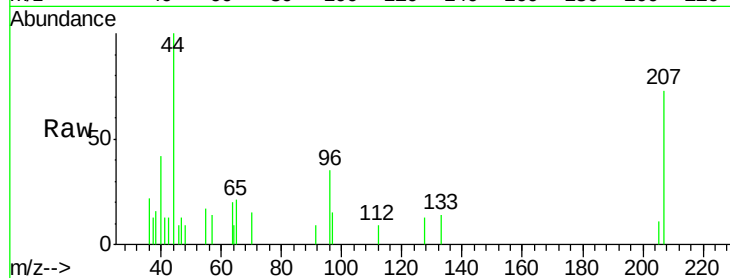
RT-1495

Tot Ion: 91 Resp: 20

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.98

60

50

40

30

20

10

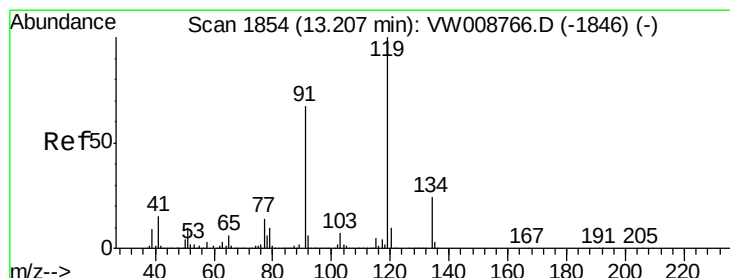
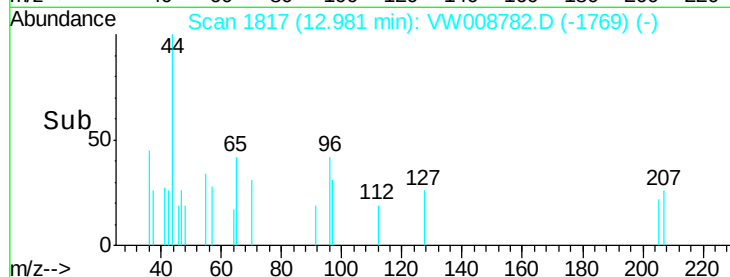
0

12.96

12.98

13.00

Time-->



#83

tert-Butylbenzene

Concen: 0.010 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

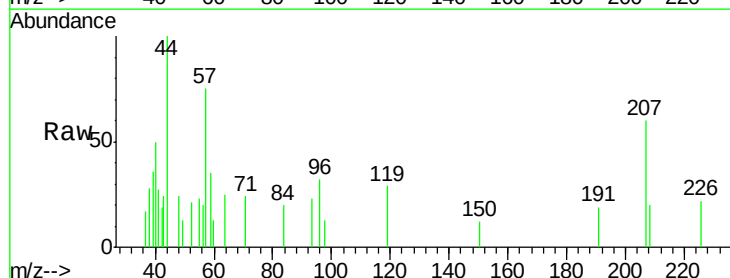
Tgt Ion: 119 Resp: 117

Ion Ratio Lower Upper

119 100

91 0.0 33.6 100.8#

134 0.0 13.7 41.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

13.21

150

100

50

0

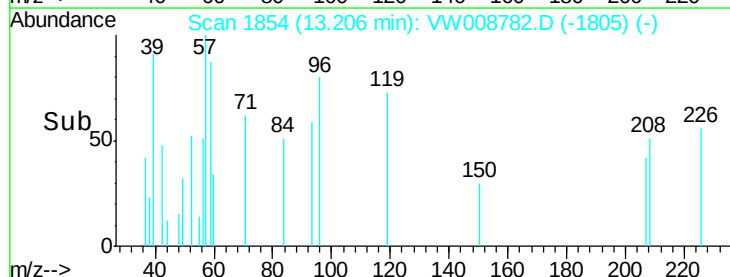
13.16

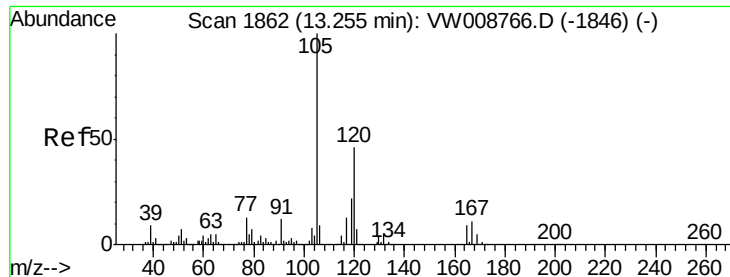
13.18

13.20

13.22

Time-->

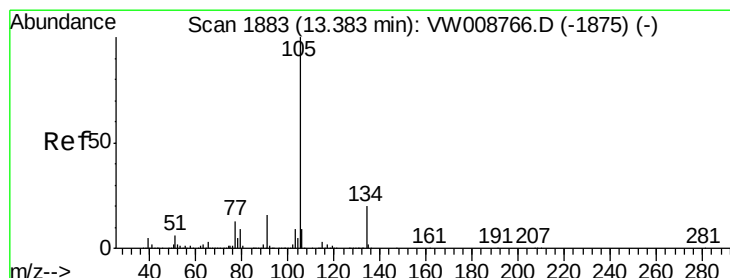
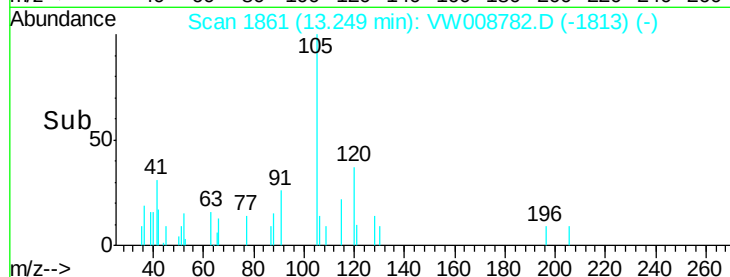
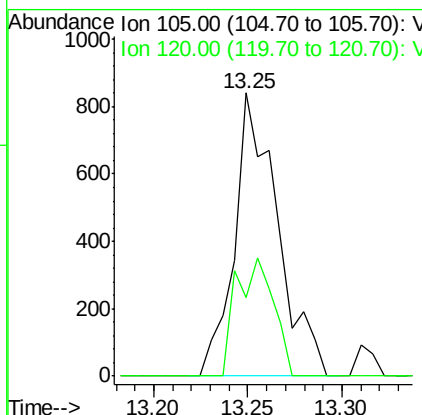
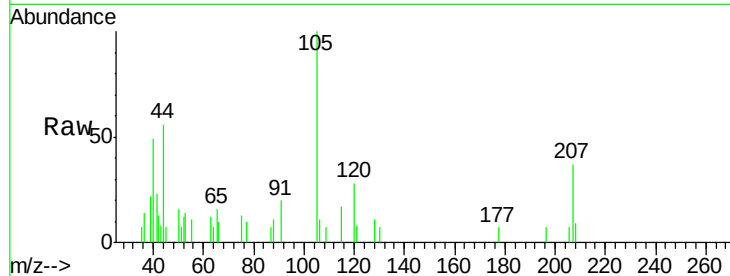




#84
 1,2,4-Trimethylbenzene
 Concen: 0.094 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

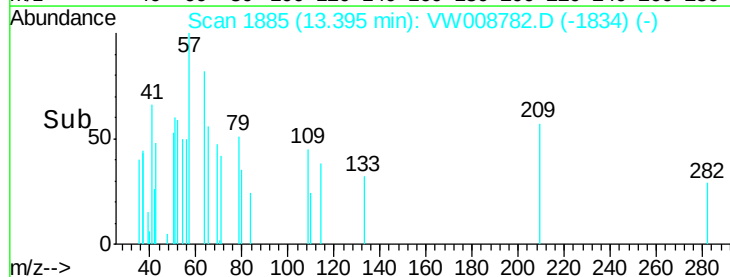
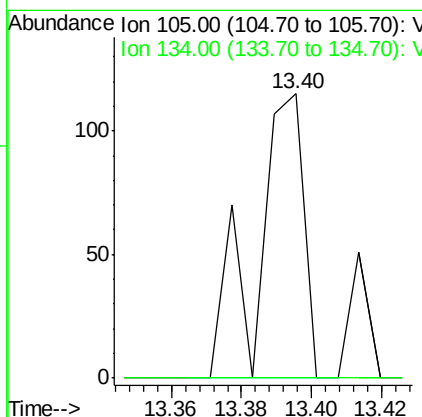
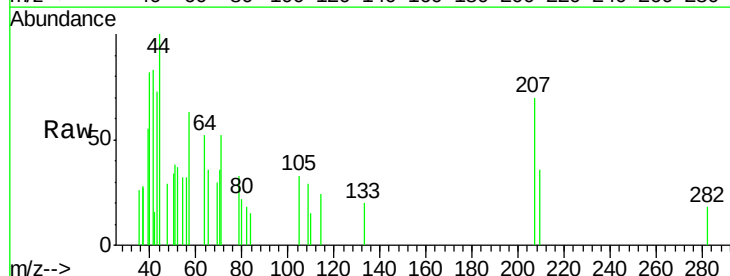
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

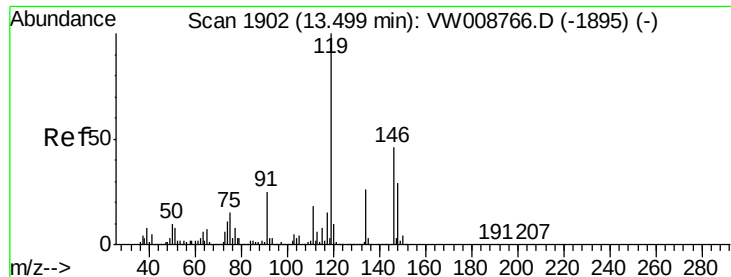
Tot Ion:105 Resp: 1331
 Ion Ratio Lower Upper
 105 100
 120 36.2 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 0.006 ug/l
 RT: 13.40 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Tgt Ion:105 Resp: 107
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

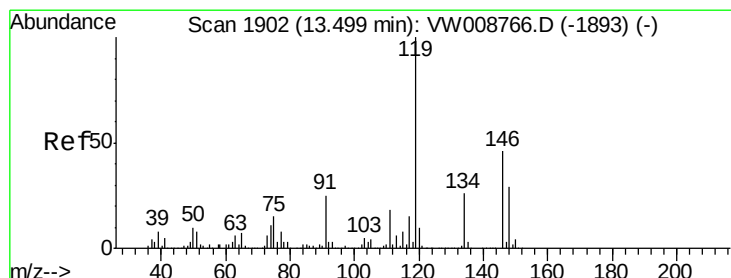
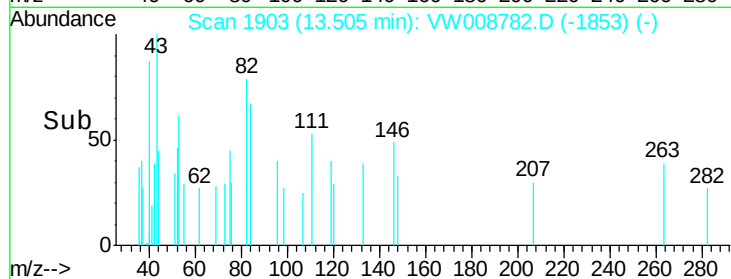
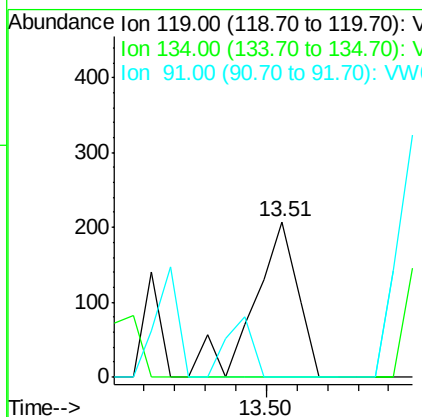
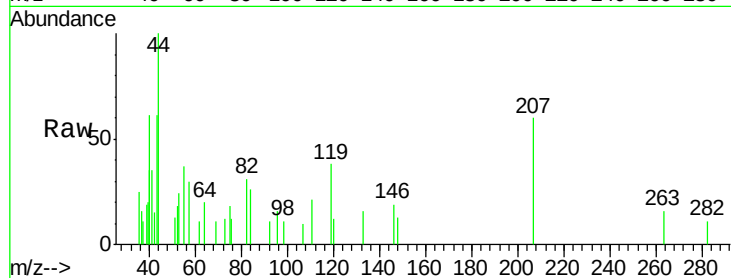




#86
 p-Isopropyltoluene
 Concen: 0.013 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

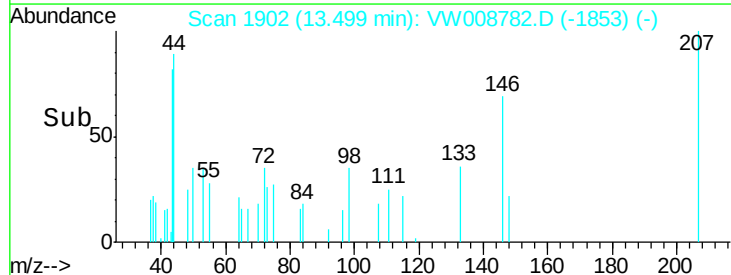
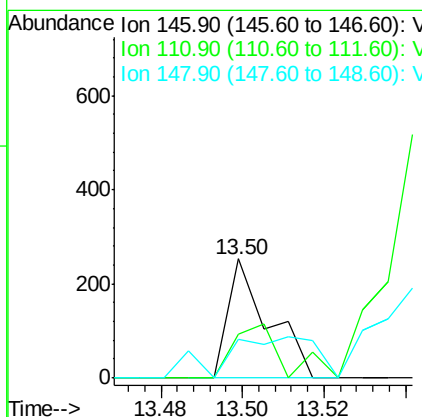
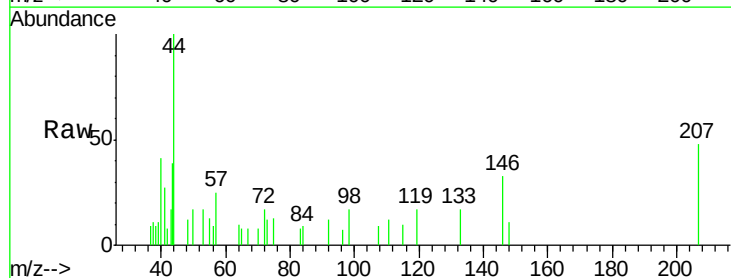
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

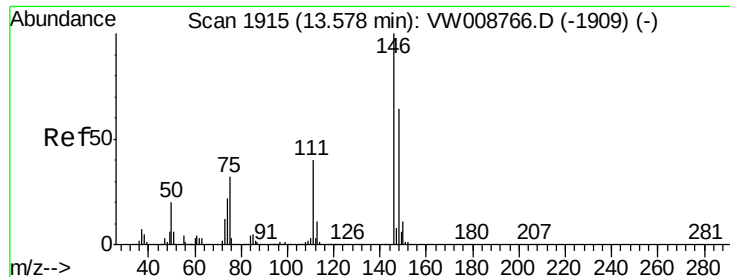
Tot Ion:119 Resp: 206
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 23.3 12.1 36.3



#87
 1,3-Dichlorobenzene
 Concen: 0.023 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Tgt Ion:146 Resp: 175
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.9 59.7#
 148 78.9 31.6 94.8





#88

1,4-Dichlorobenzene

Concen: 0.052 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

RT-1495

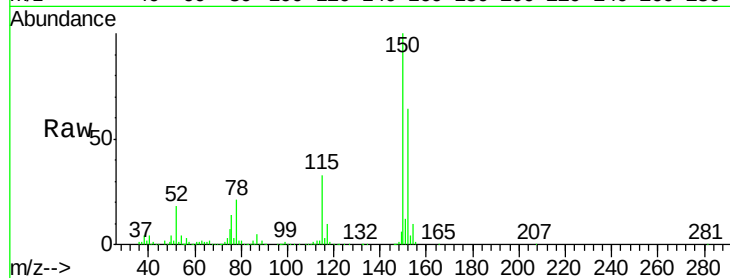
Tot Ion:146 Resp: 392

Ion Ratio Lower Upper

146 100

111 0.0 19.3 57.9#

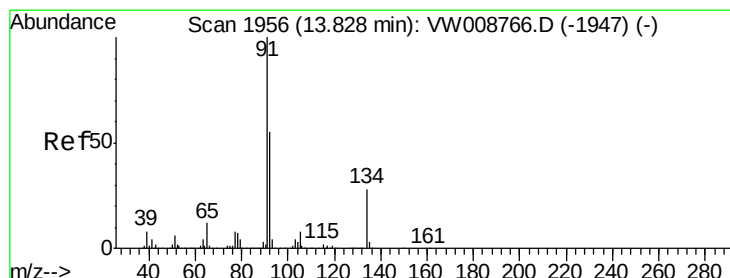
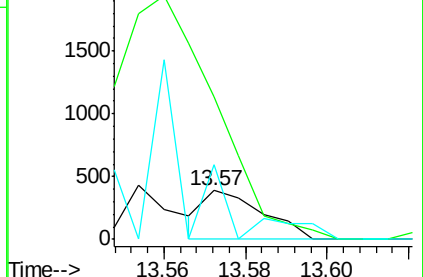
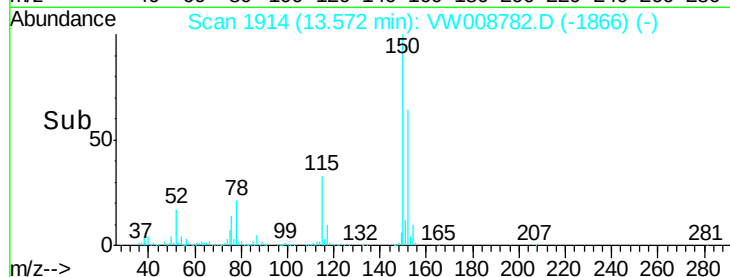
148 0.0 31.9 95.9#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.028 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

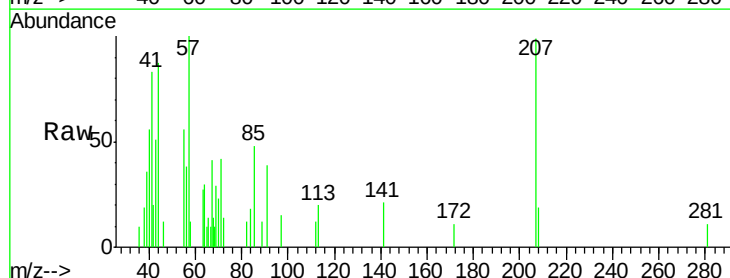
Tgt Ion: 91 Resp: 410

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.4#

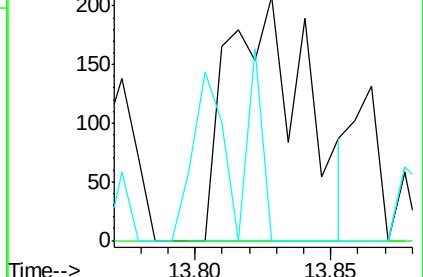
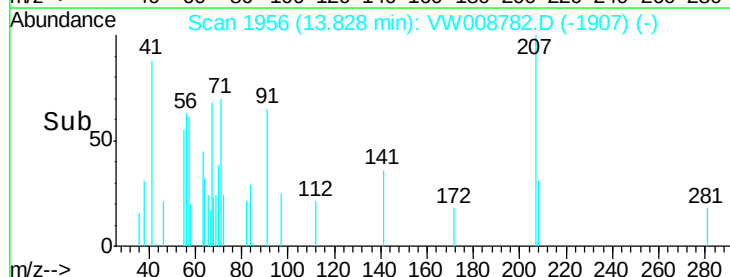
134 0.0 13.5 40.4#

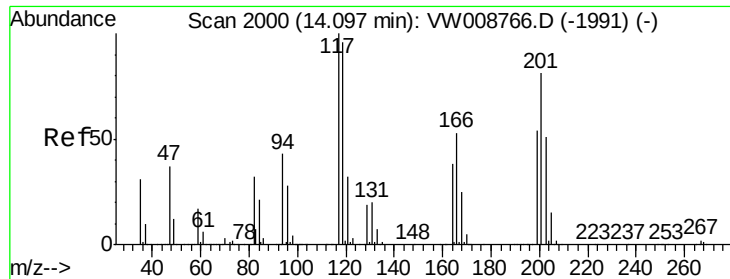


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.013 ug/l

RT: 14.13 min Scan# 2006

Delta R.T. 0.04 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

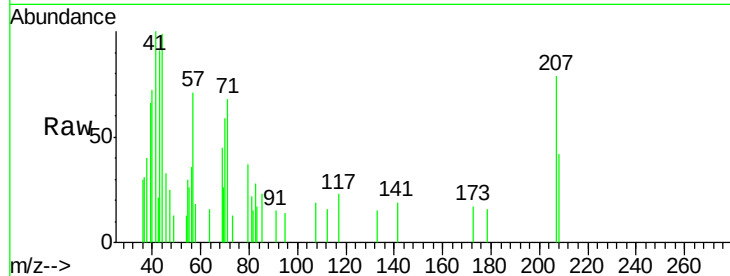
RT-1495

Tot Ion:117 Resp: 34

Ion Ratio Lower Upper

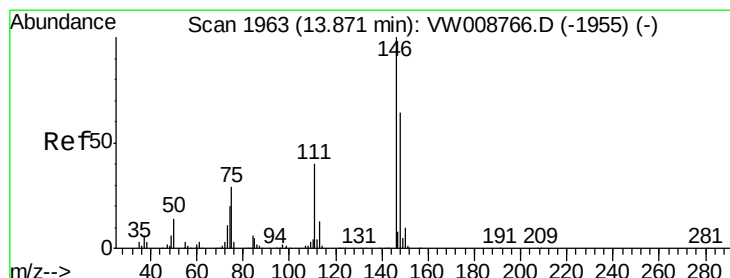
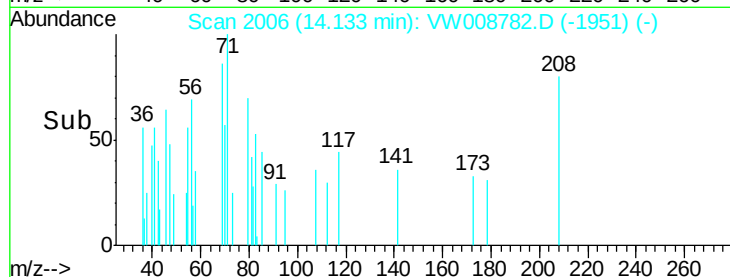
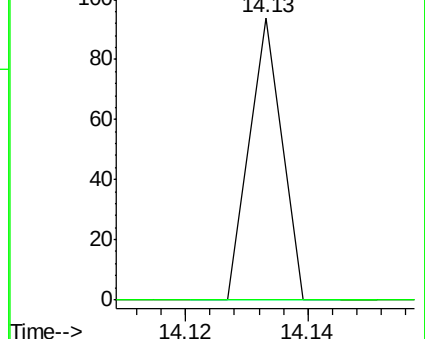
117 100

201 0.0 40.3 120.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.024 ug/l

RT: 13.86 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

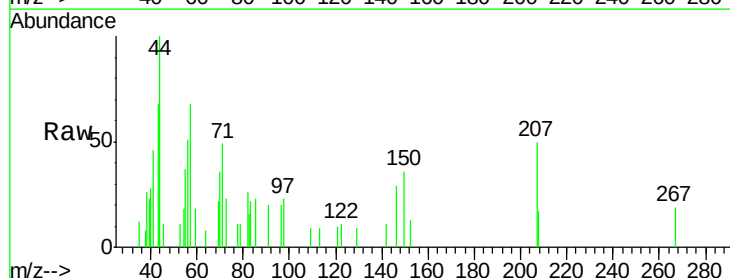
Tgt Ion:146 Resp: 166

Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.8#

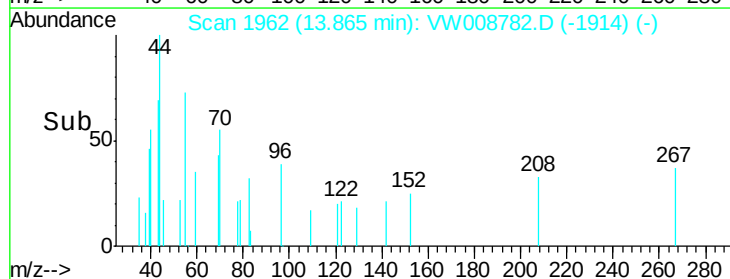
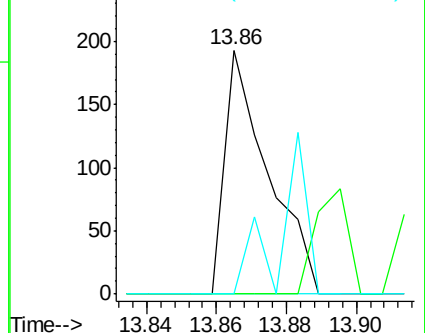
148 0.0 32.5 97.5#

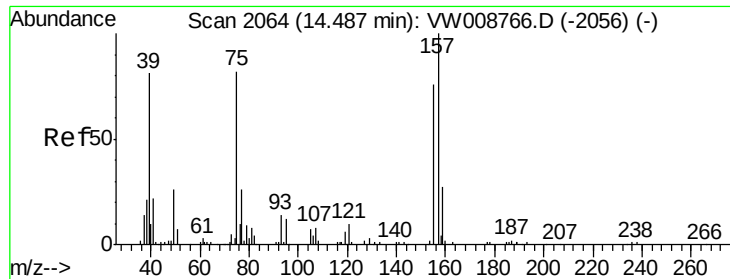


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.097 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

RT-1495

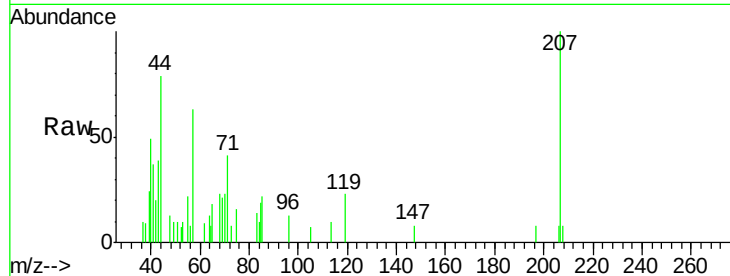
Tot Ion: 75 Resp: 45

Ion Ratio Lower Upper

75 100

155 0.0 41.8 125.4#

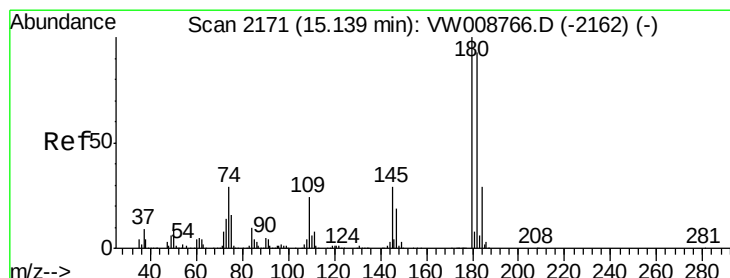
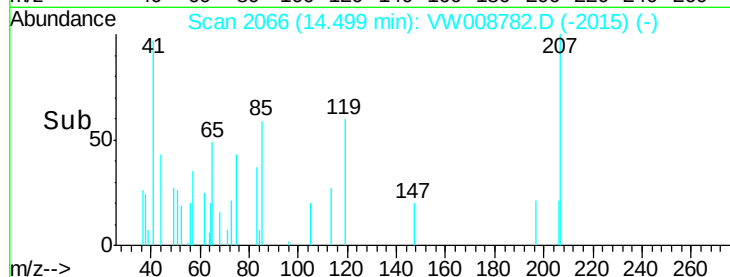
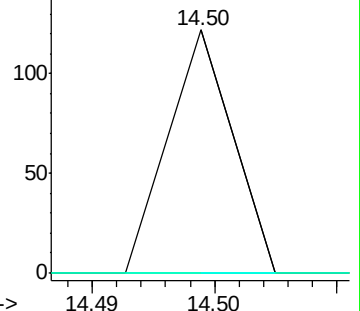
157 0.0 56.6 169.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.031 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

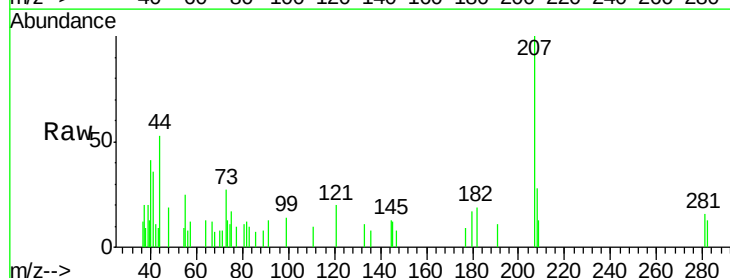
Tgt Ion: 180 Resp: 155

Ion Ratio Lower Upper

180 100

182 187.1 47.2 141.6#

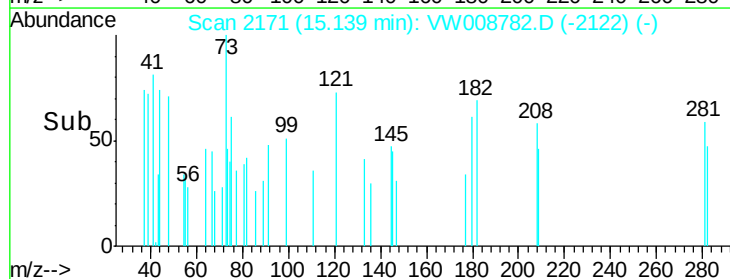
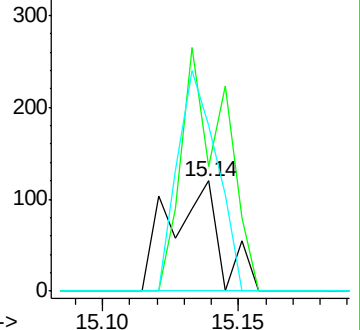
145 154.8 14.4 43.0#

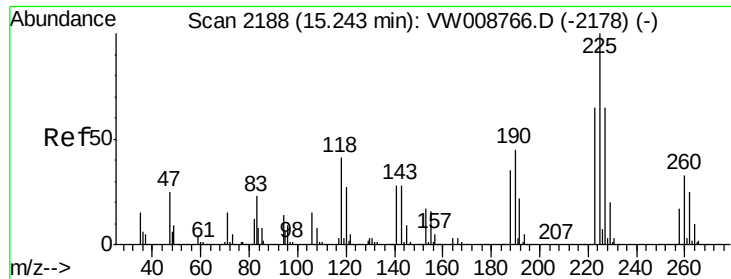


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.015 ug/l

RT: 15.25 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

RT-1495

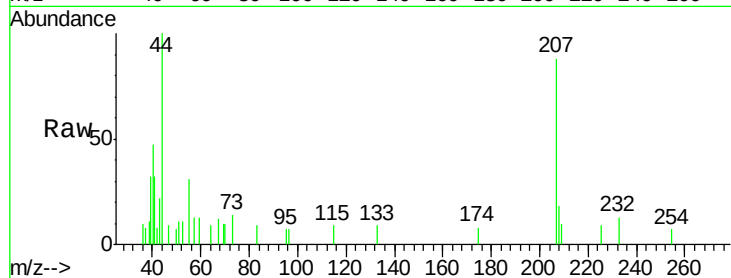
Tot Ion:225 Resp: 45

Ion Ratio Lower Upper

225 100

223 0.0 31.5 94.5#

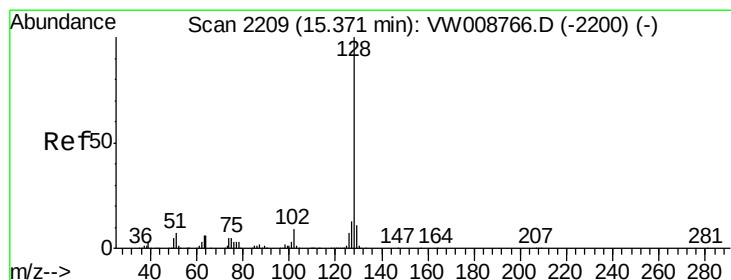
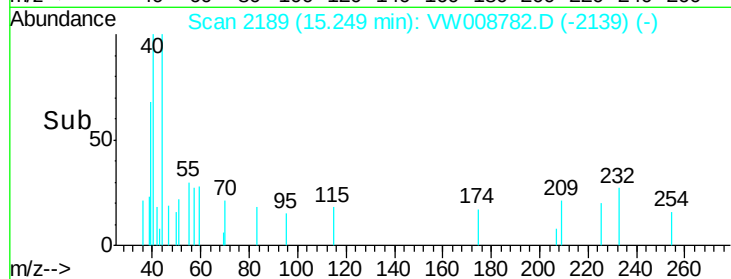
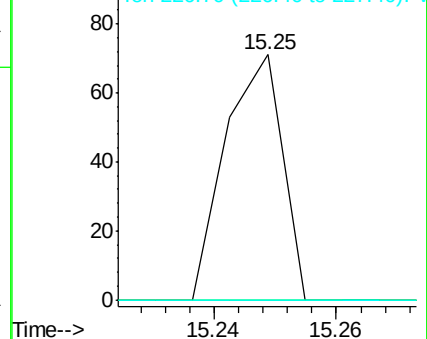
227 0.0 31.6 94.8#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.857 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW008782.D

Acq: 21 Feb 2019 20:51

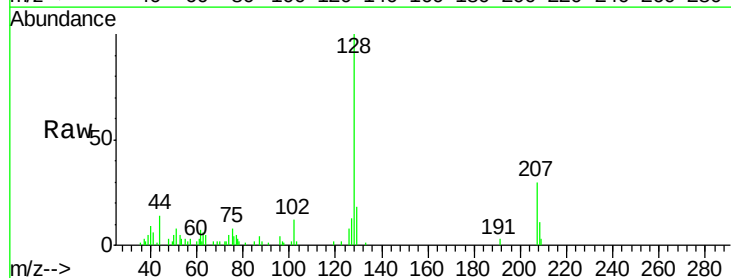
Tgt Ion:128 Resp: 7207

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

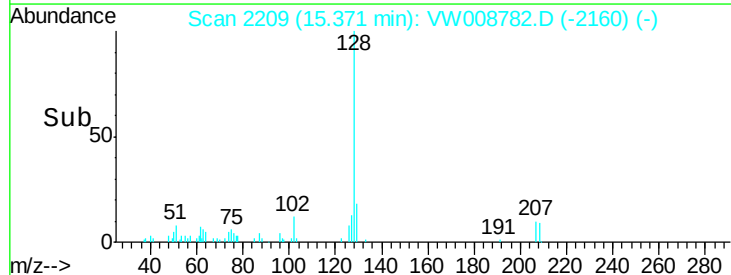
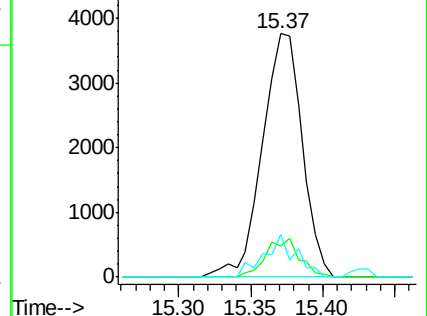
129 13.9 8.7 13.1#

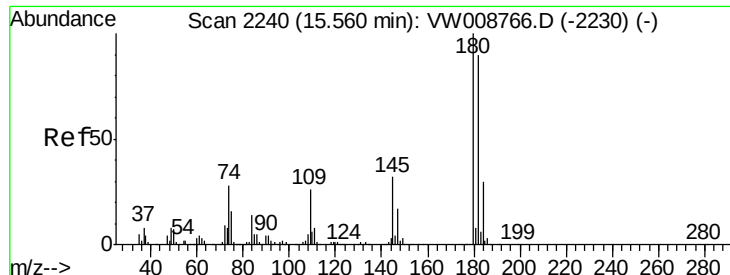


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

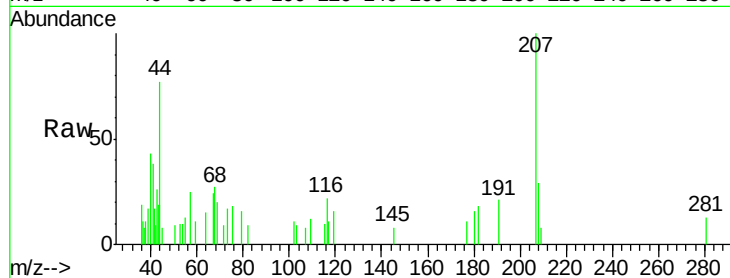




#96
 1,2,3-Trichlorobenzene
 Concen: 0.019 ug/l
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: VW008782.D
 Acq: 21 Feb 2019 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.9	140.8
145	0.0	15.9	47.6



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

