

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008779.D
 Acq On : 21 Feb 2019 19:30
 Operator : SY/VA
 Sample : K1546-04
 Misc : 6.89G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

Quant Time: Feb 22 01:22:50 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	373109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	561133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	497909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	242723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	200745	57.37	ug/l	0.00
Spiked Amount			Recovery	=	114.74%	
35) Dibromofluoromethane	7.88	113	177437	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
50) Toluene-d8	10.32	98	667135	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.62	95	230124	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	266	0.071	ug/l #	25
3) Chloromethane	2.21	50	311	0.068	ug/l #	42
4) Vinyl Chloride	2.35	62	150	0.031	ug/l #	84
5) Bromomethane	2.75	94	139	0.039	ug/l #	4
6) Chloroethane	2.90	64	359	0.105	ug/l #	57
7) Trichlorofluoromethane	3.26	101	70	0.011	ug/l #	16
9) 1,1,2-Trichlorotrifluoroet	3.79	101	30	0.008	ug/l #	16
10) Methyl Iodide	4.28	142	553	0.120	ug/l #	71
11) Tert butyl alcohol	5.18	59	184	0.591	ug/l #	1
12) 1,1-Dichloroethene	4.07	96	226	0.069	ug/l #	24
14) Allyl chloride	4.66	41	170	0.030	ug/l #	1
15) Acrylonitrile	5.37	53	64	0.077	ug/l #	12
16) Acetone	4.13	43	28791	35.495	ug/l	96
17) Carbon Disulfide	4.38	76	595	0.055	ug/l #	73
18) Methyl Acetate	4.67	43	619	0.322	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	345	0.039	ug/l #	55
21) trans-1,2-Dichloroethene	5.41	96	97	0.026	ug/l #	1
22) Diisopropyl ether	6.31	45	61	0.005	ug/l #	4
23) Vinyl Acetate	6.24	43	217	0.031	ug/l #	73
24) 1,1-Dichloroethane	6.25	63	24	0.004	ug/l #	82
25) 2-Butanone	7.16	43	289	0.255	ug/l #	51
26) 2,2-Dichloropropane	7.16	77	122	0.021	ug/l #	54
27) cis-1,2-Dichloroethene	7.35	96	211	0.052	ug/l	14
28) Bromochloromethane	7.51	49	59	0.022	ug/l #	13
29) Tetrahydrofuran	7.52	42	326	0.451	ug/l #	50
30) Chloroform	7.68	83	176	0.026	ug/l #	79
32) 1,1,1-Trichloroethane	7.87	97	36	0.006	ug/l #	24
37) Ethyl Acetate	7.25	43	63	0.025	ug/l #	41
39) Methylcyclohexane	9.33	83	137	0.020	ug/l #	61
40) Benzene	8.32	78	651	0.044	ug/l #	51
41) Methacrylonitrile	7.51	41	150	0.100	ug/l #	1
42) 1,2-Dichloroethane	8.40	62	466	0.099	ug/l #	69
43) Isopropyl Acetate	8.40	43	499	0.098	ug/l #	88
44) Trichloroethene	9.09	130	22	0.005	ug/l #	1

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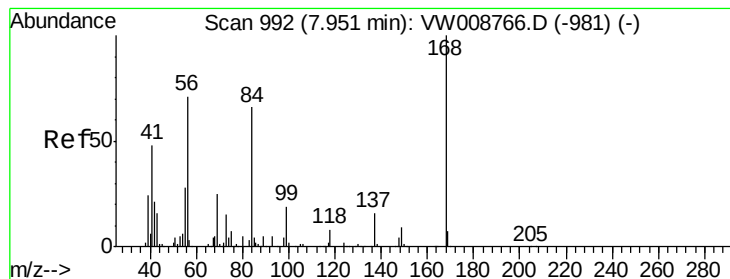
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

Quant Time: Feb 22 01:22:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	9.32	63	21	0.006	ug/l #	43
46) Dibromomethane	9.43	93	23	0.011	ug/l #	37
47) Bromodichloromethane	9.68	83	50	0.010	ug/l #	24
48) Methyl methacrylate	9.43	41	179	0.074	ug/l #	65
51) 4-Methyl-2-Pentanone	10.20	43	394	0.153	ug/l #	38
52) Toluene	10.38	92	1903	0.188	ug/l	92
53) t-1,3-Dichloropropene	10.60	75	106	0.021	ug/l	96
54) cis-1,3-Dichloropropene	10.12	75	27	0.005	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	131	0.047	ug/l #	16
56) Ethyl methacrylate	10.66	69	104	0.029	ug/l #	1
57) 1,3-Dichloropropane	11.03	76	91	0.019	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.94	63	63	0.035	ug/l #	76
59) 2-Hexanone	10.93	43	116	0.063	ug/l	74
61) 1,2-Dibromoethane	11.21	107	59	0.021	ug/l #	46
64) Tetrachloroethene	10.87	164	52	0.015	ug/l #	1
65) Chlorobenzene	11.65	112	94	0.009	ug/l #	17
66) 1,1,1,2-Tetrachloroethane	11.68	131	29	0.008	ug/l #	1
67) Ethyl Benzene	11.73	91	409	0.022	ug/l #	43
68) m/p-Xylenes	11.84	106	274	0.037	ug/l #	60
69) o-Xylene	12.16	106	107	0.015	ug/l	34
70) Styrene	12.18	104	65	0.006	ug/l #	25
71) Bromoform	12.60	173	273	0.143	ug/l #	1
73) Isopropylbenzene	12.46	105	334	0.020	ug/l	75
74) N-amyl acetate	12.29	43	97	0.023	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.71	83	37	0.014	ug/l #	25
77) Bromobenzene	12.87	156	50	0.013	ug/l #	1
78) n-propylbenzene	12.80	91	416	0.020	ug/l #	53
79) 2-Chlorotoluene	12.88	91	176	0.015	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	463	0.032	ug/l	96
82) 4-Chlorotoluene	12.99	91	78	0.006	ug/l #	40
83) tert-Butylbenzene	13.13	119	33	0.003	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.10	105	206	0.014	ug/l	95
85) sec-Butylbenzene	13.46	105	25	0.001	ug/l #	1
86) p-Isopropyltoluene	13.50	119	266	0.016	ug/l	91
87) 1,3-Dichlorobenzene	13.51	146	371	0.045	ug/l #	36
88) 1,4-Dichlorobenzene	13.56	146	357	0.044	ug/l #	1
89) n-Butylbenzene	13.81	91	235	0.015	ug/l #	77
90) Hexachloroethane	14.17	117	44	0.016	ug/l #	9
91) 1,2-Dichlorobenzene	13.87	146	236	0.032	ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	14.51	75	59	0.120	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.15	180	304	0.058	ug/l #	63
95) Naphthalene	15.37	128	1732	0.194	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.56	180	261	0.058	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008779.D

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ClientSampleId :

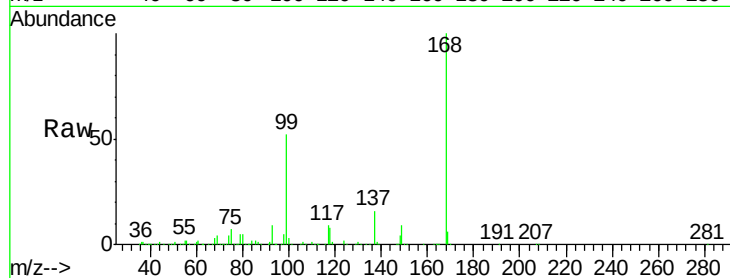
RT-3422

Tot Ion:168 Resp: 373109

Ion Ratio Lower Upper

168 100

99 51.7 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

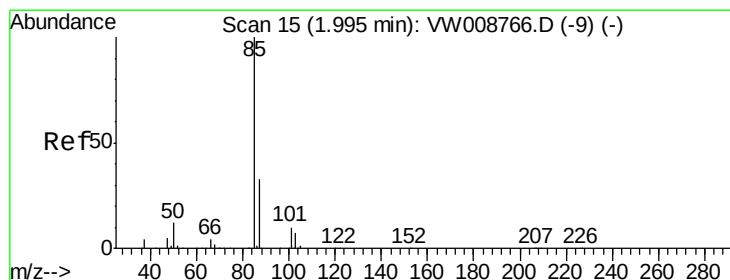
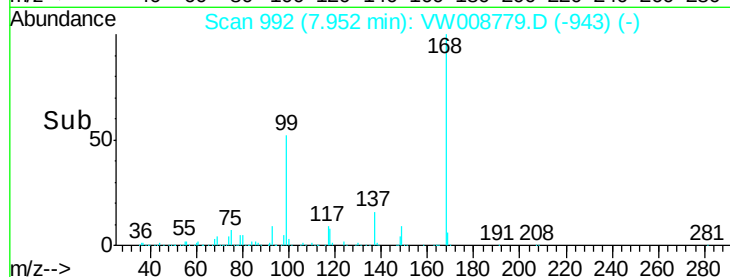
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.071 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008779.D

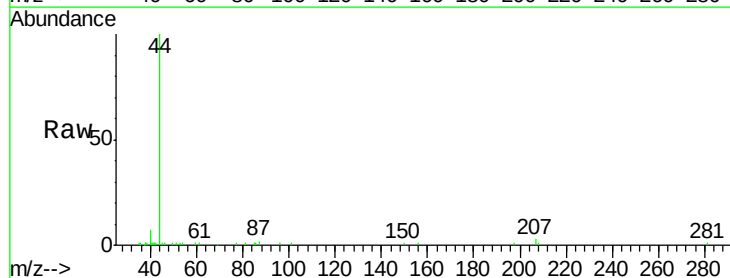
Acq: 21 Feb 2019 19:30

Tgt Ion: 85 Resp: 266

Ion Ratio Lower Upper

85 100

87 74.9 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

250

200

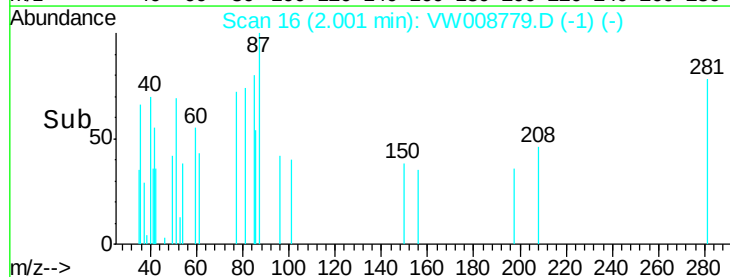
150

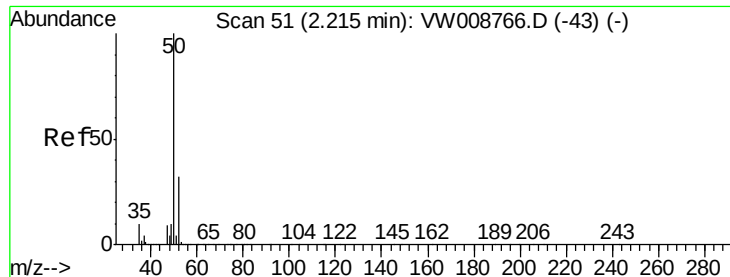
100

50

0

Time-->





#3

Chloromethane

Concen: 0.068 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

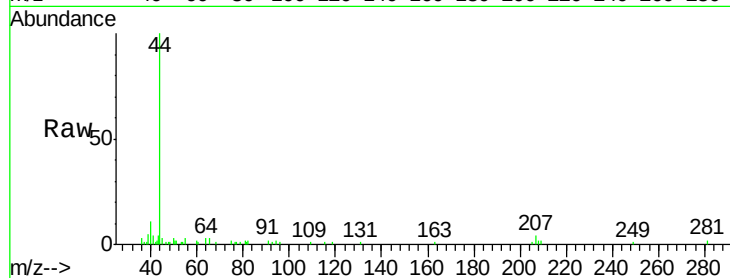
RT-3422

Tot Ion: 50 Resp: 311

Ion Ratio Lower Upper

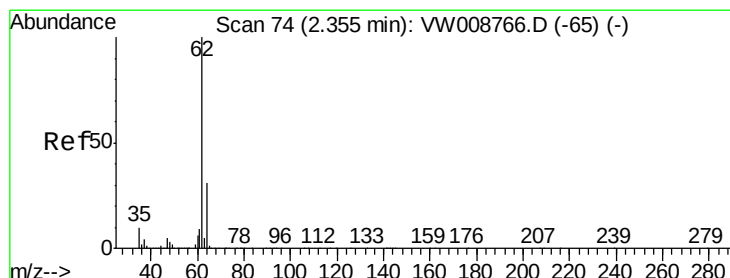
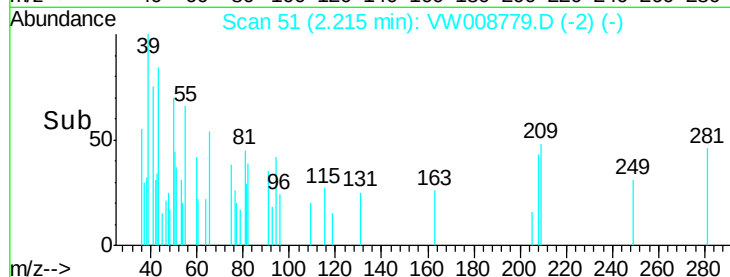
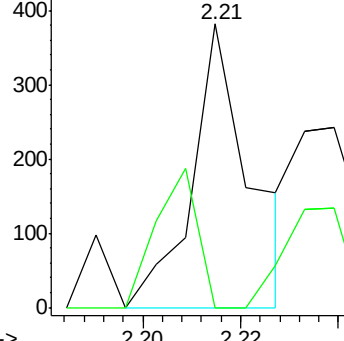
50 100

52 0.0 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: 0.031 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW008779.D

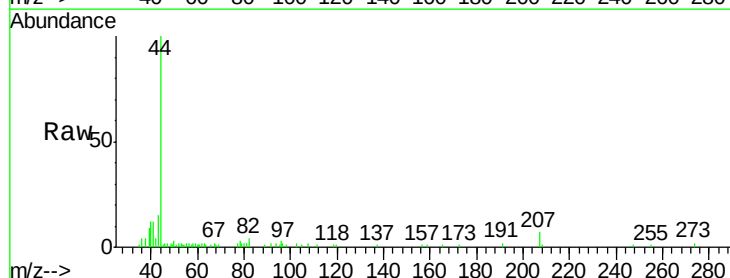
Acq: 21 Feb 2019 19:30

Tgt Ion: 62 Resp: 150

Ion Ratio Lower Upper

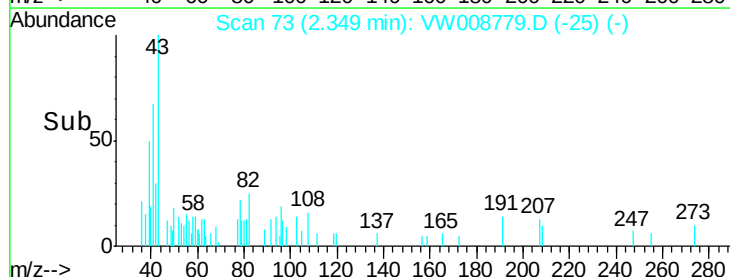
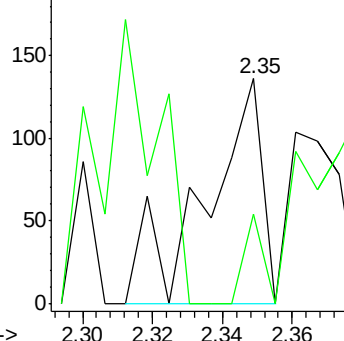
62 100

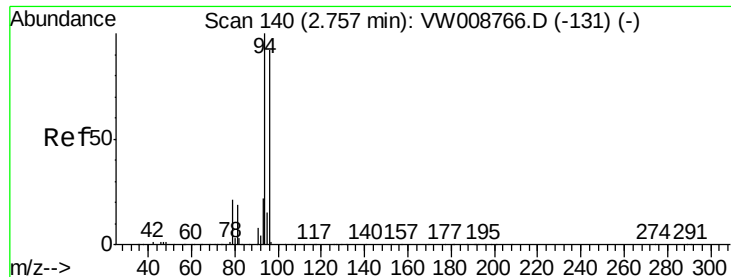
64 39.7 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 0.039 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

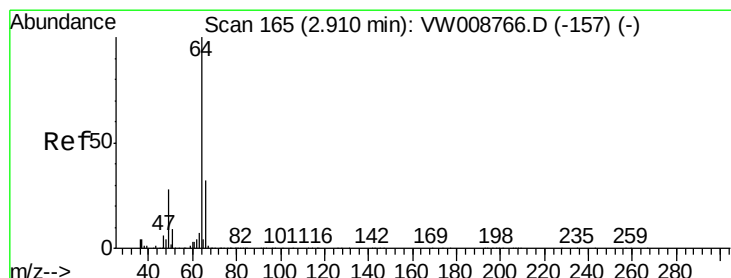
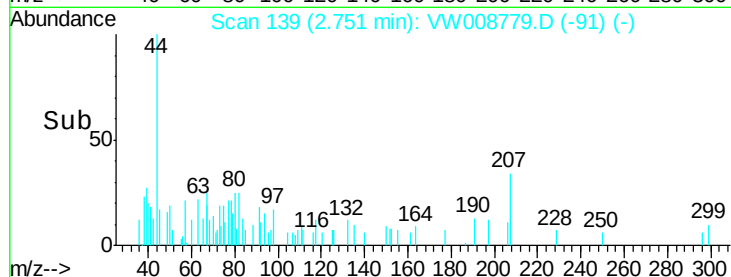
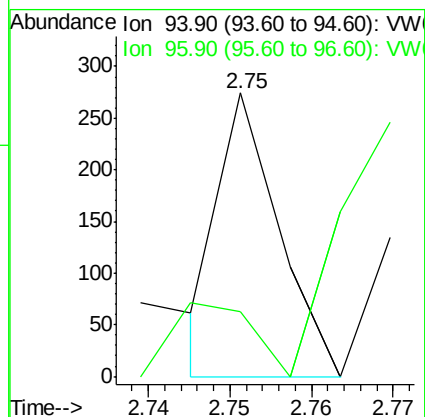
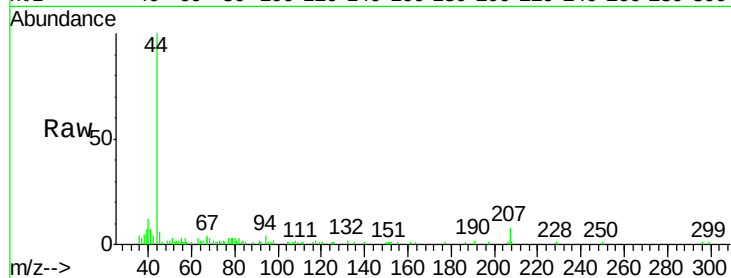
RT-3422

Tot Ion: 94 Resp: 139

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#



#6

Chloroethane

Concen: 0.105 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW008779.D

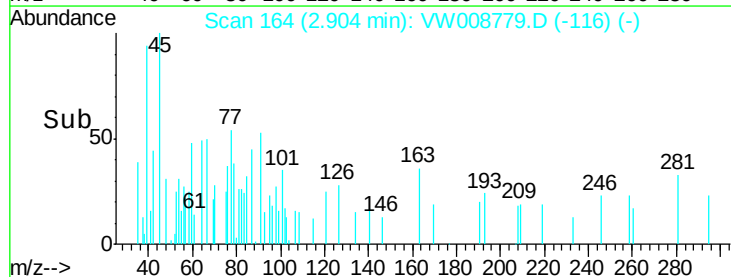
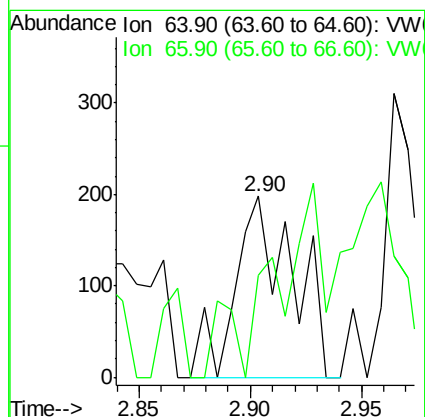
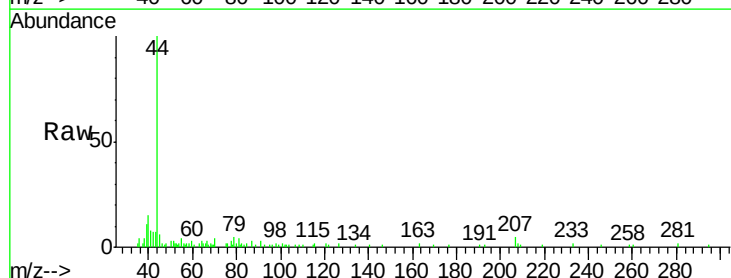
Acq: 21 Feb 2019 19:30

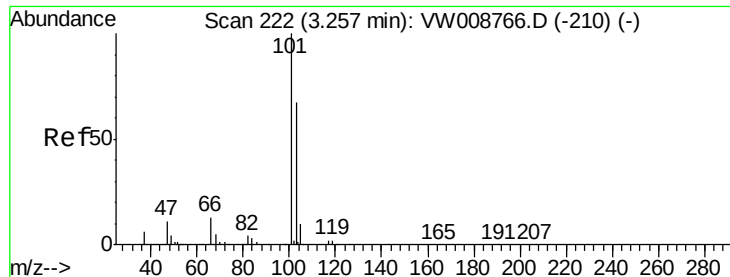
Tgt Ion: 64 Resp: 359

Ion Ratio Lower Upper

64 100

66 56.1 25.5 38.3#



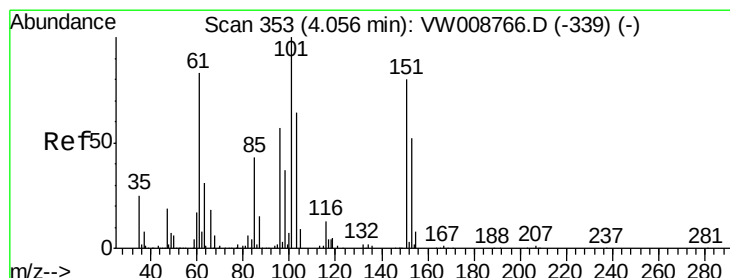
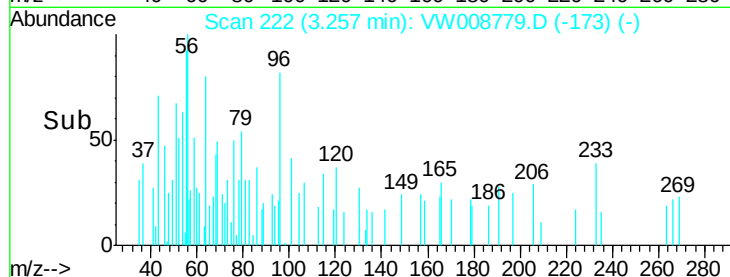
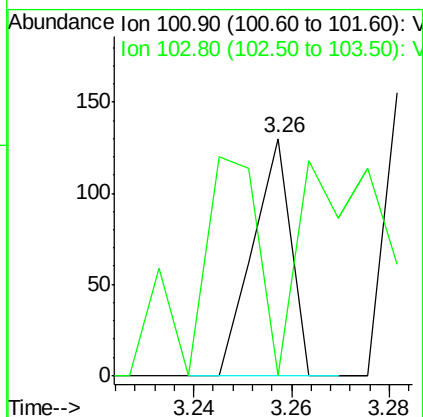
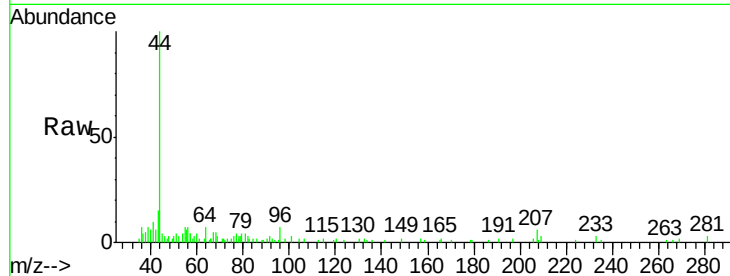


#7

Trichlorofluoromethane
Concen: 0.011 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :
RT-3422

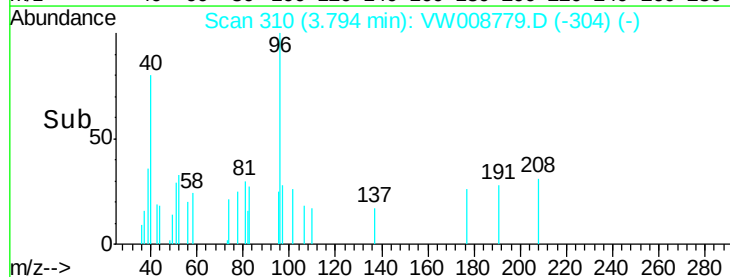
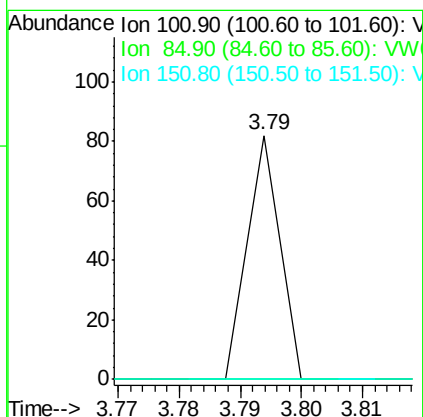
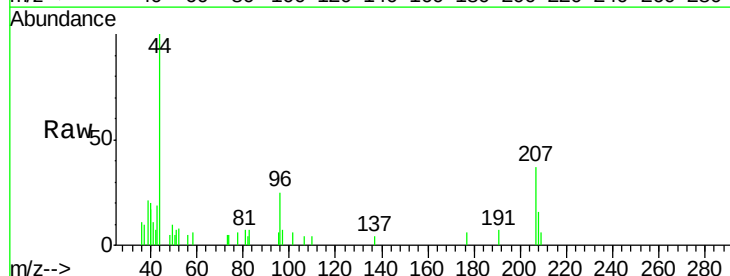
Tot Ion:101 Resp: 70
Ion Ratio Lower Upper
101 100
103 0.0 53.9 80.9#

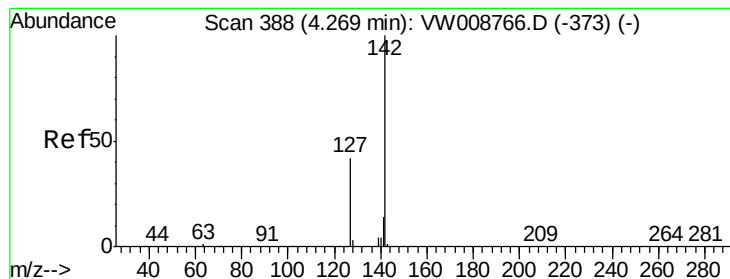


#9

1,1,2-Trichlorotrifluoroethane
Concen: 0.008 ug/l
RT: 3.79 min Scan# 310
Delta R.T. -0.26 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

Tgt Ion:101 Resp: 30
Ion Ratio Lower Upper
101 100
85 0.0 36.0 54.0#
151 0.0 65.5 98.3#





#10

Methvl Iodide

Concen: 0.120 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

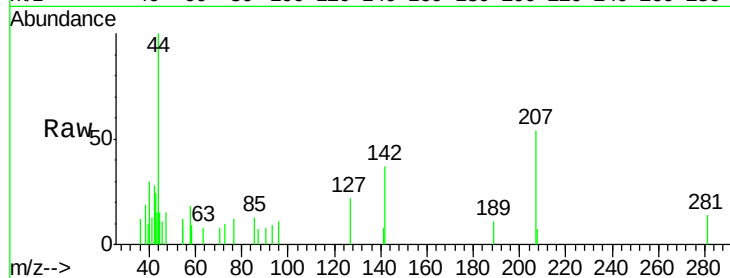
Tot Ion:142 Resp: 553

Ion Ratio Lower Upper

142 100

127 25.1 35.3 52.9#

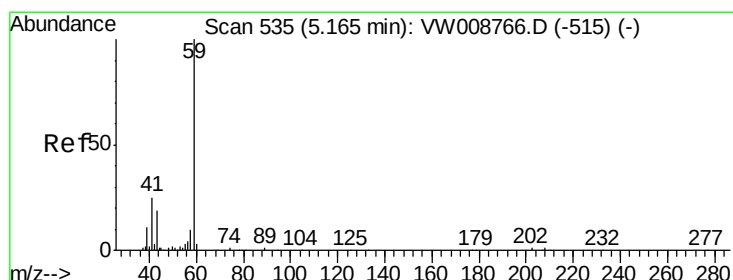
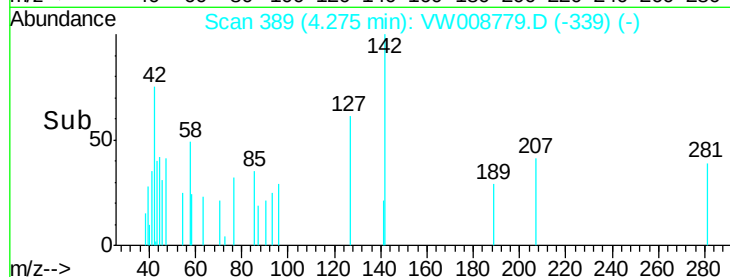
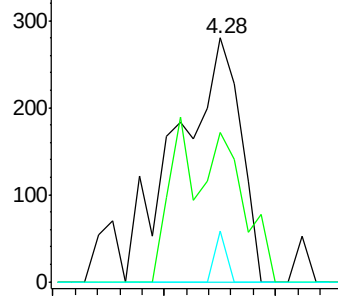
141 3.8 11.7 17.5#



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



#11

Tert butyl alcohol

Concen: 0.591 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW008779.D

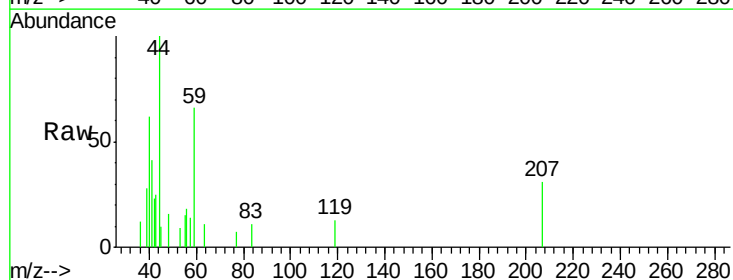
Acq: 21 Feb 2019 19:30

Tgt Ion: 59 Resp: 184

Ion Ratio Lower Upper

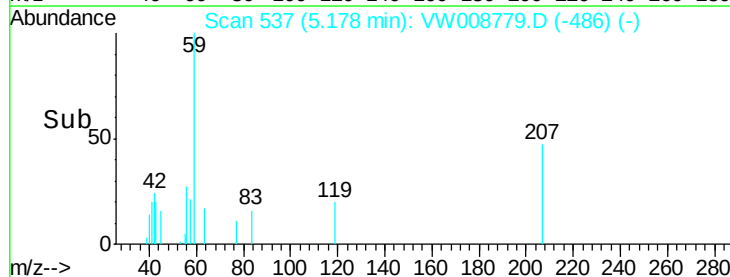
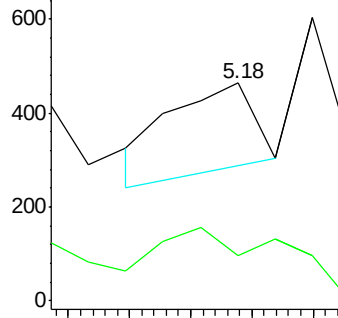
59 100

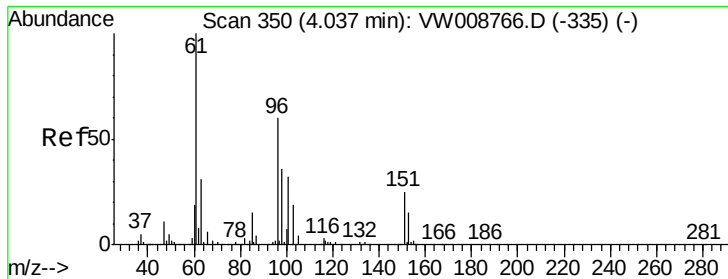
57 175.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 0.069 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.04 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

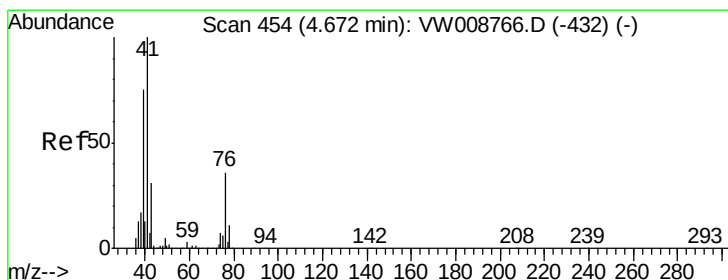
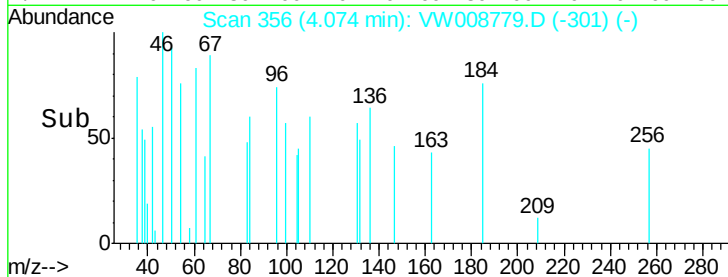
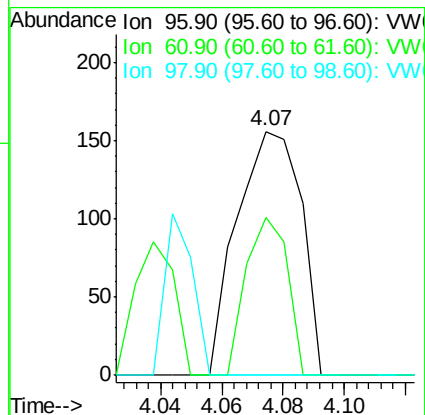
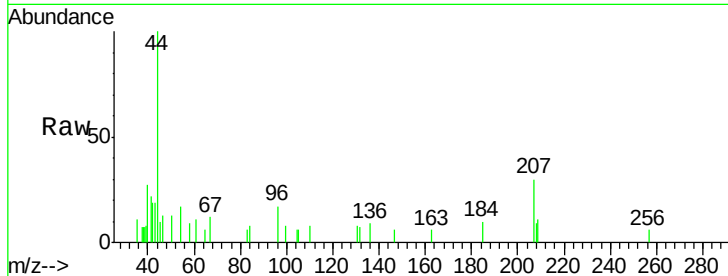
Tot Ion: 96 Resp: 226

Ion Ratio Lower Upper

96 100

61 64.7 132.5 198.7#

98 0.0 48.2 72.4#



#14

Allyl chloride

Concen: 0.030 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

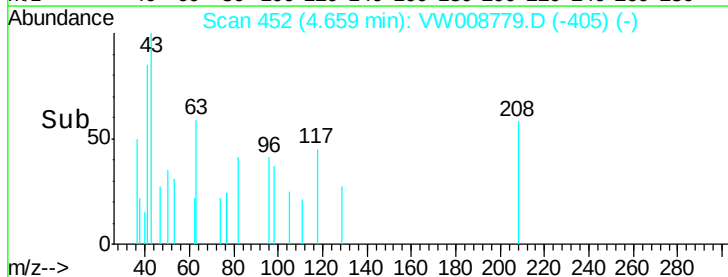
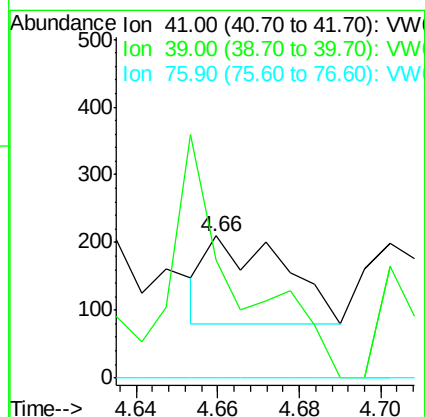
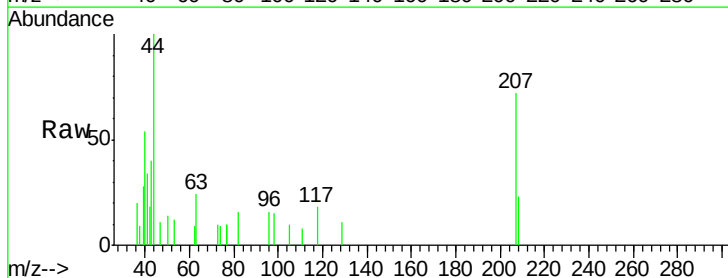
Tgt Ion: 41 Resp: 170

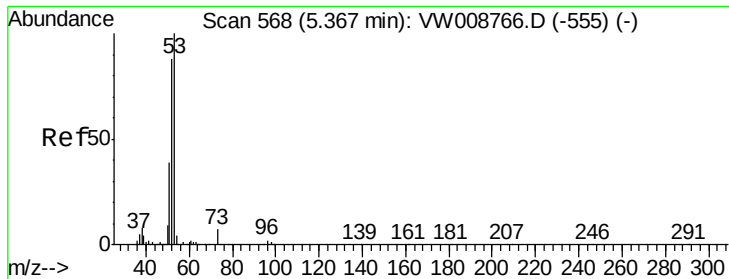
Ion Ratio Lower Upper

41 100

39 227.6 60.6 91.0#

76 0.0 28.6 42.8#





#15

Acrylonitrile

Concen: 0.077 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

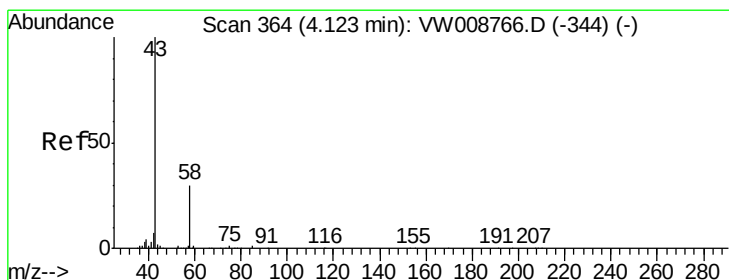
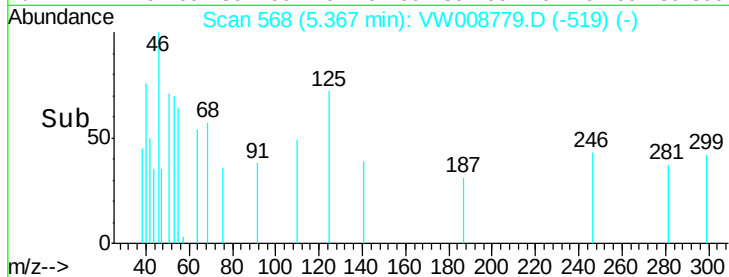
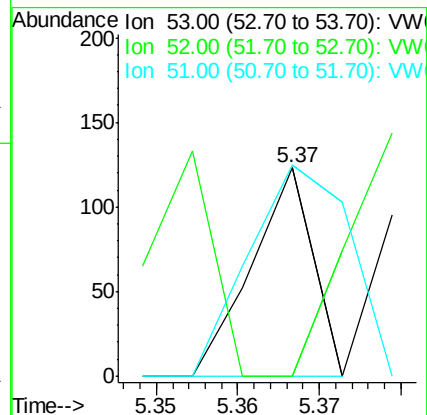
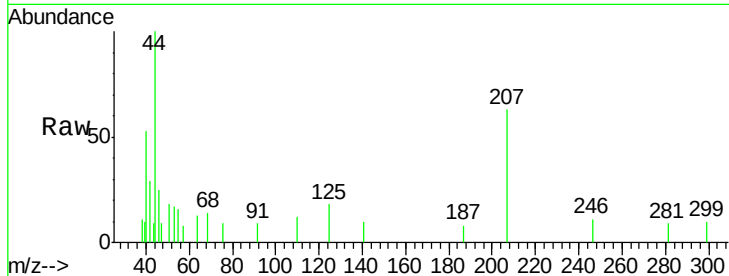
Tot Ion: 53 Resp: 64

Ion Ratio Lower Upper

53 100

52 112.5 67.2 100.8#

51 167.2 31.1 46.7#



#16

Acetone

Concen: 35.495 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008779.D

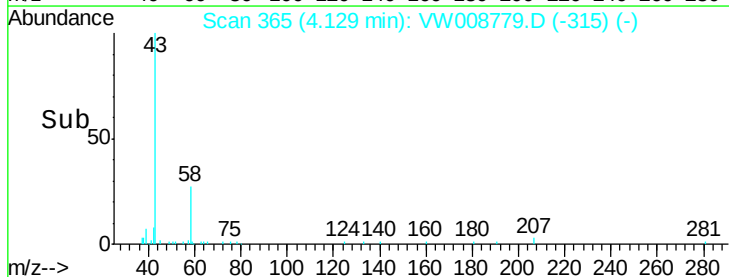
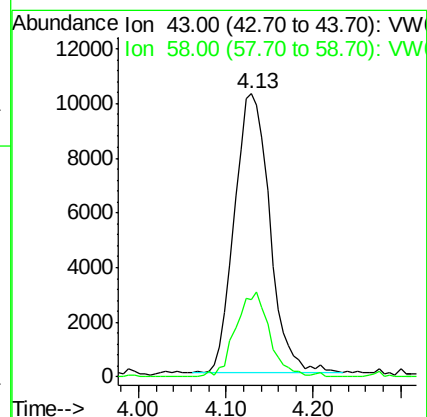
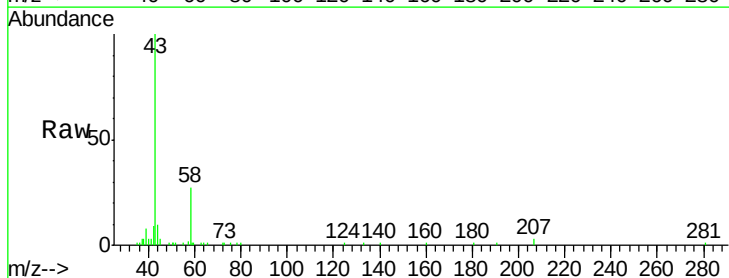
Acq: 21 Feb 2019 19:30

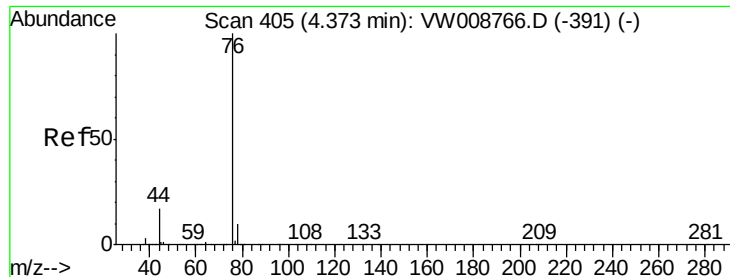
Tgt Ion: 43 Resp: 28791

Ion Ratio Lower Upper

43 100

58 27.5 23.8 35.6





#17

Carbon Disulfide

Concen: 0.055 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

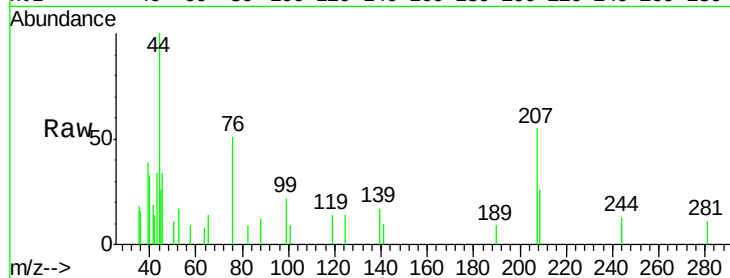
RT-3422

Tot Ion: 76 Resp: 595

Ion Ratio Lower Upper

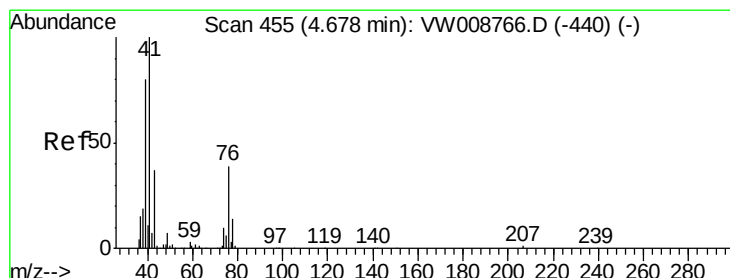
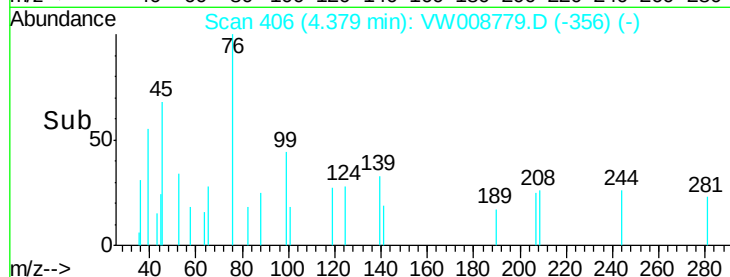
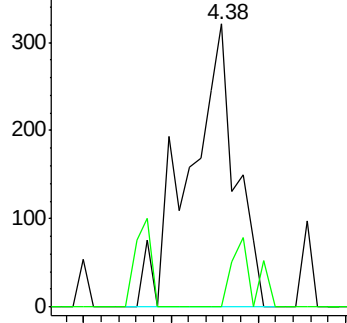
76 100

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: 0.322 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008779.D

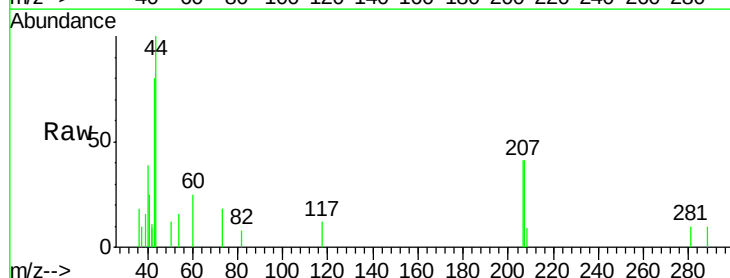
Acq: 21 Feb 2019 19:30

Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

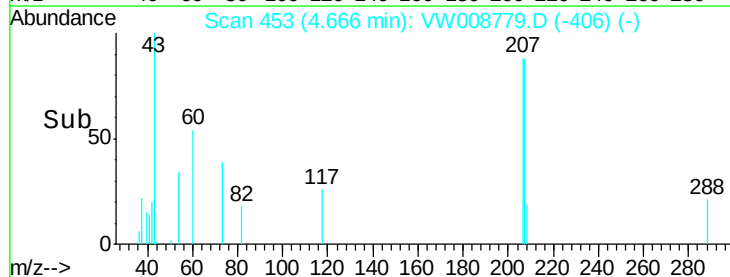
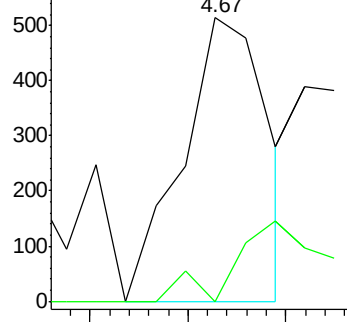
43 100

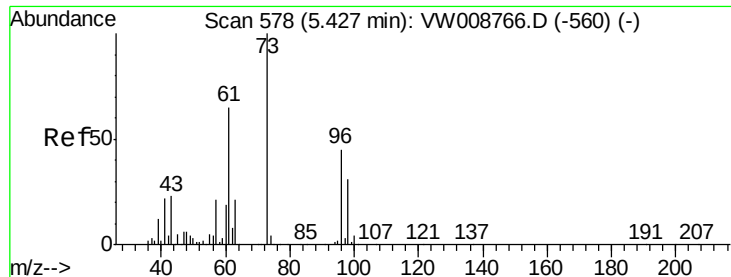
74 28.4 19.4 29.2



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: 0.039 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

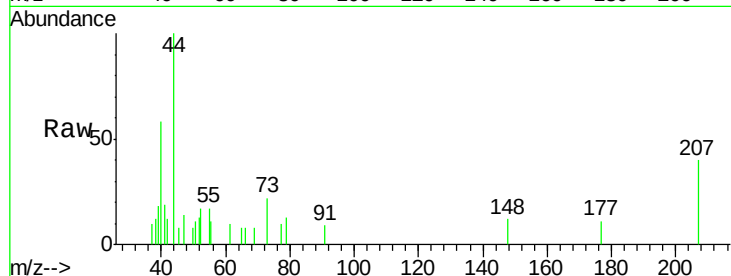
RT-3422

Tot Ion: 73 Resp: 345

Ion Ratio Lower Upper

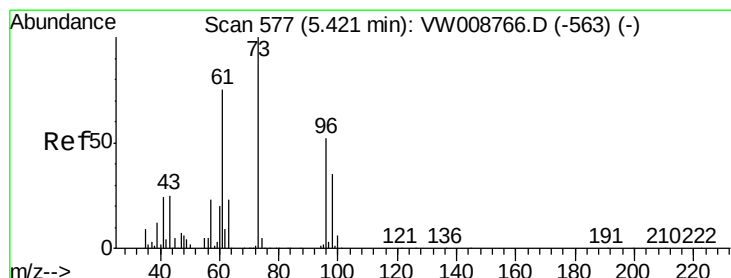
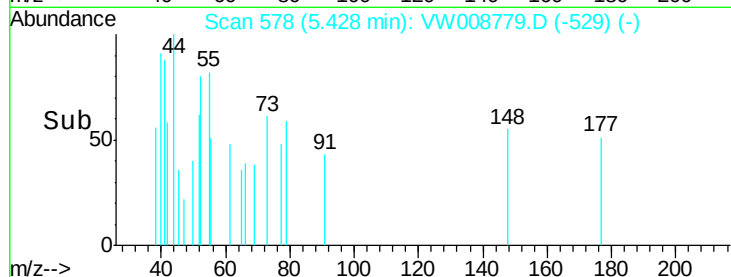
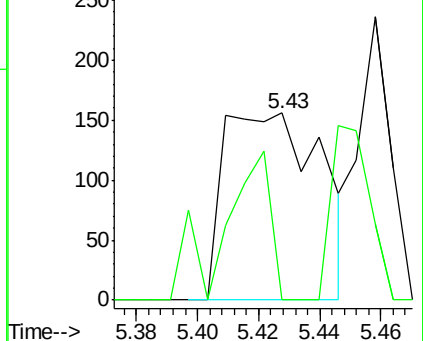
73 100

57 0.0 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#21

trans-1,2-Dichloroethene

Concen: 0.026 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

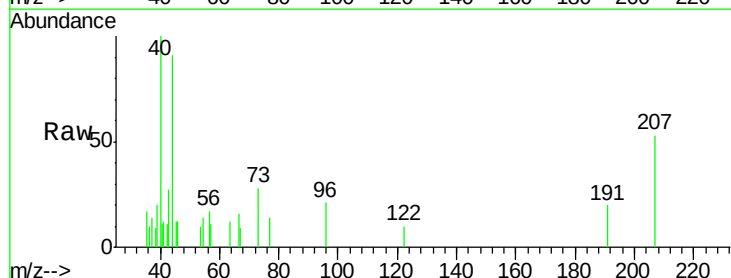
Tgt Ion: 96 Resp: 97

Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

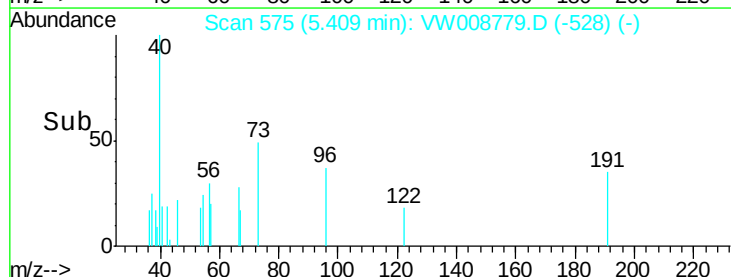
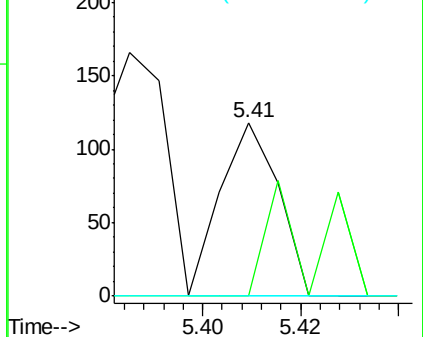
98 0.0 54.0 81.0#

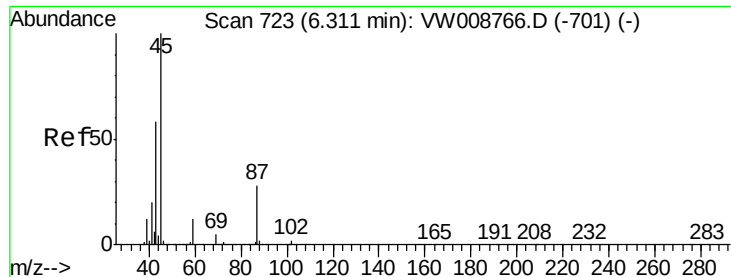


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

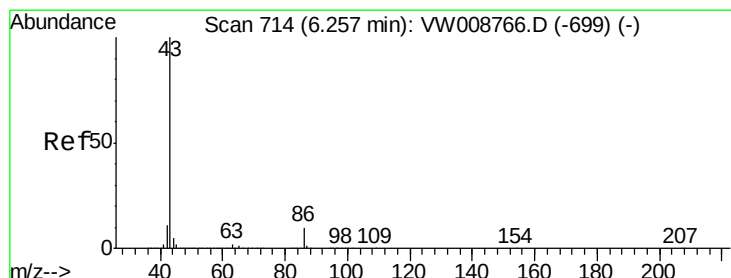
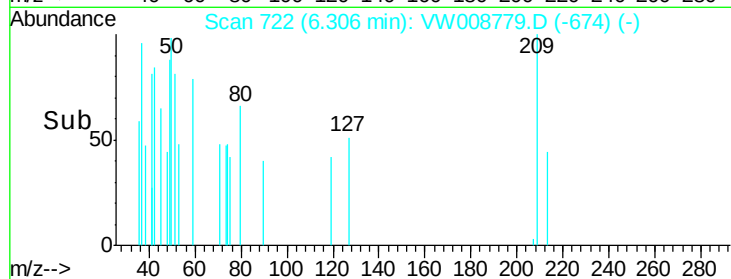
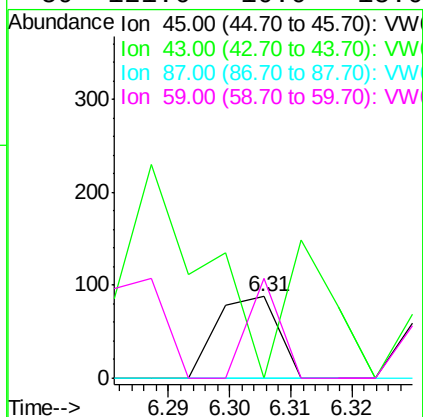
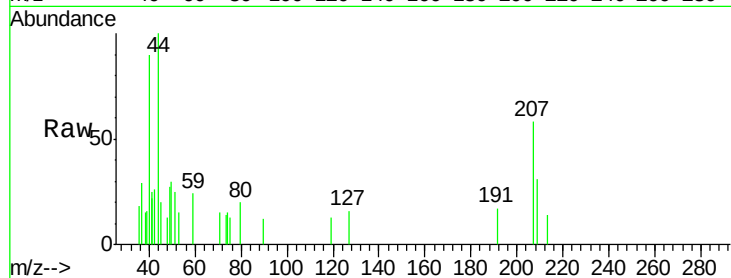




#22
Diisopropyl ether
Concen: 0.005 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

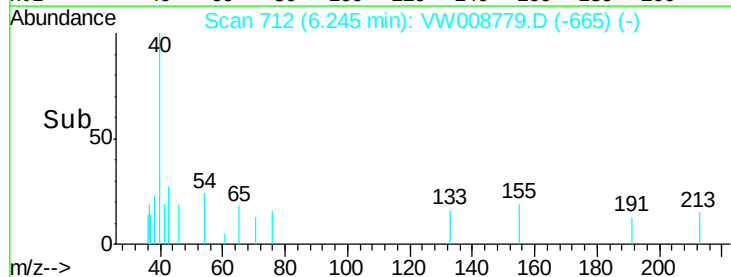
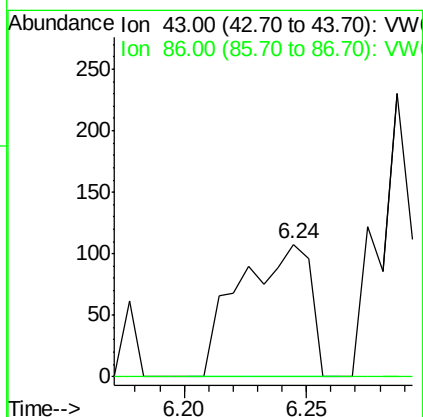
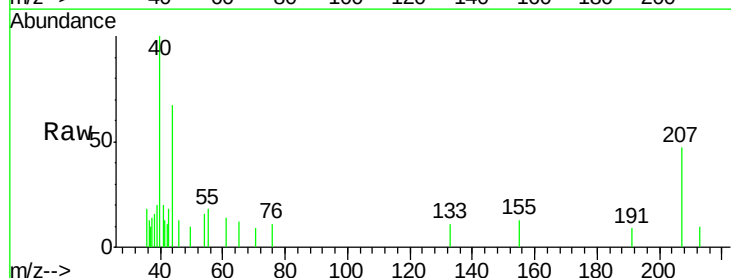
Instrument :
MSVOA_W
ClientSampleId :
RT-3422

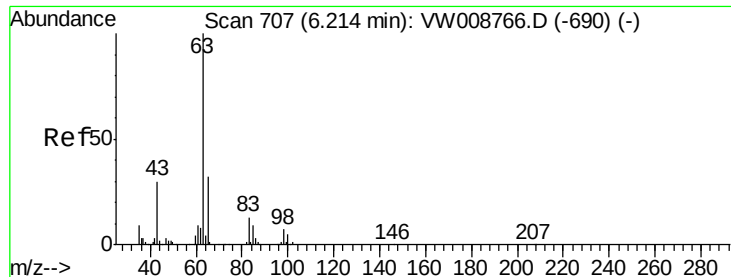
Tot Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.1	69.1#
87	0.0	22.2	33.4#
59	121.6	10.0	15.0#



#23
Vinyl Acetate
Concen: 0.031 ug/l
RT: 6.24 min Scan# 712
Delta R.T. -0.01 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#





#24

1,1-Dichloroethane

Concen: 0.004 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.04 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

RT-3422

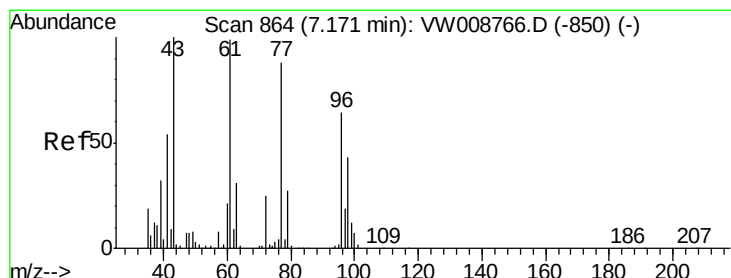
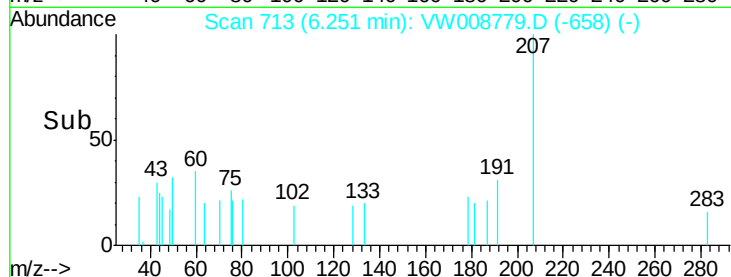
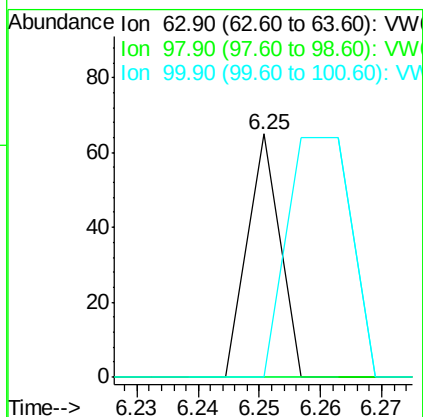
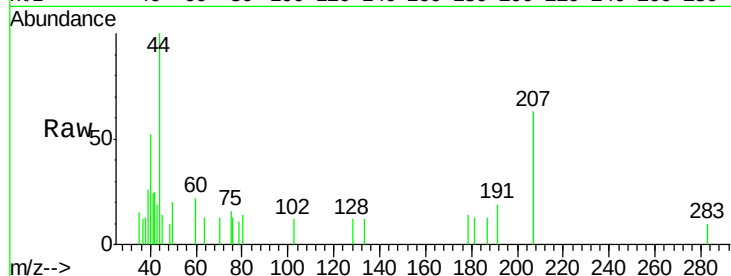
Tot Ion: 63 Resp: 24

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

100 0.0 2.4 7.2#



#25

2-Butanone

Concen: 0.255 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008779.D

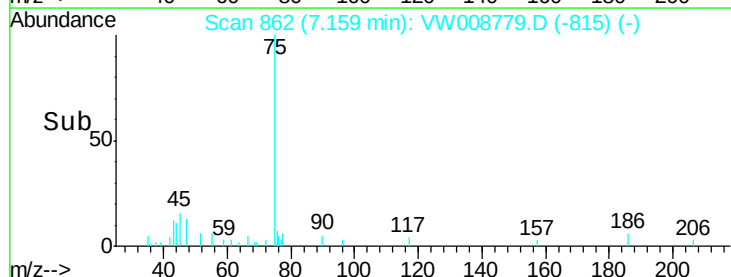
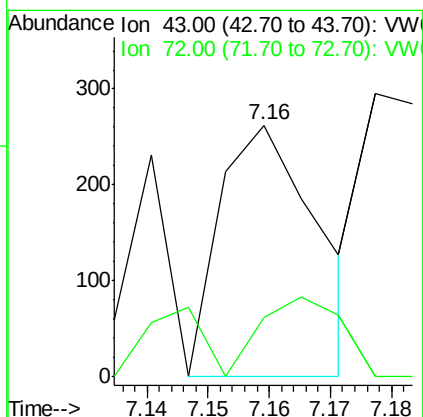
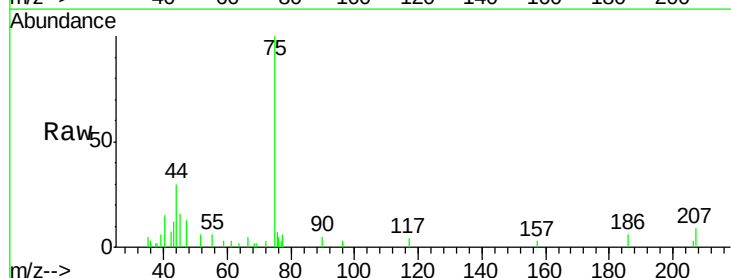
Acq: 21 Feb 2019 19:30

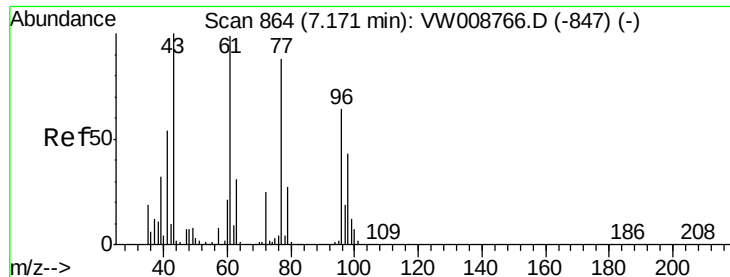
Tgt Ion: 43 Resp: 289

Ion Ratio Lower Upper

43 100

72 0.0 19.7 29.5#

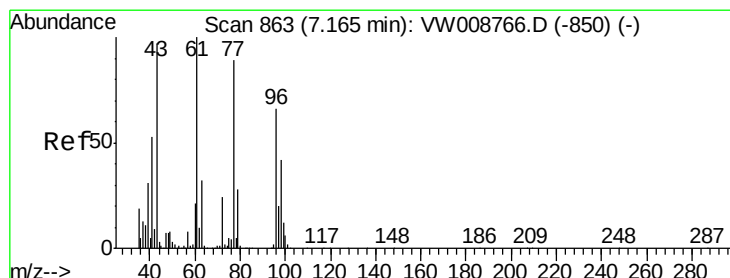
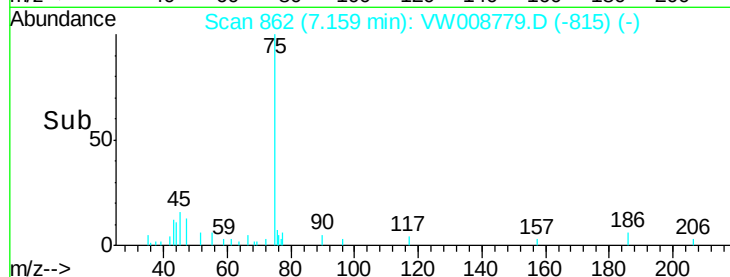
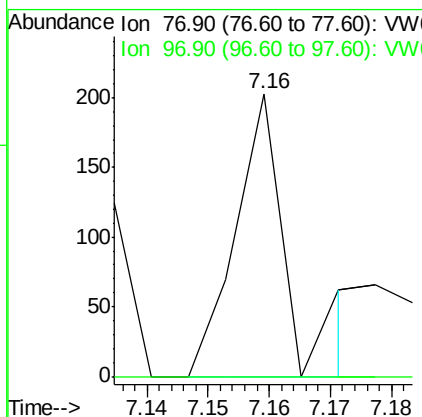
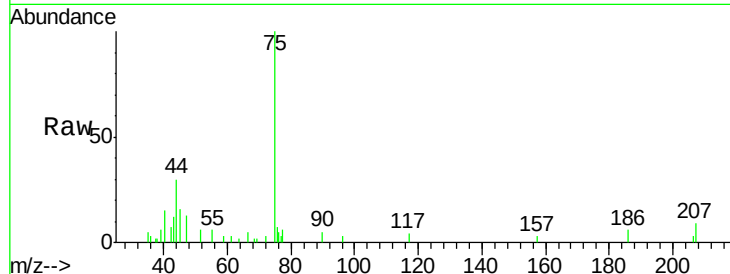




#26
 2,2-Dichloropropane
 Concen: 0.021 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

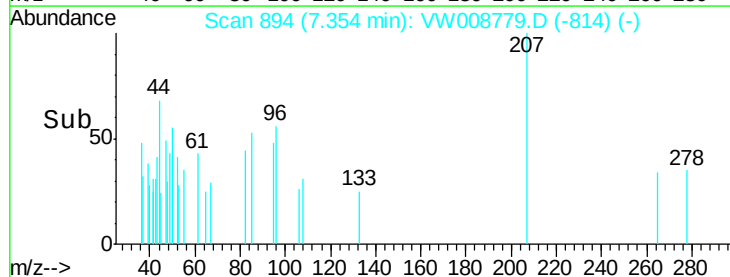
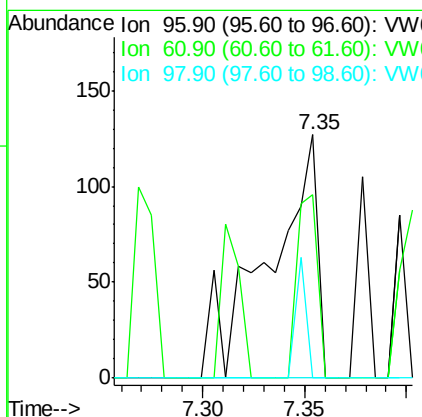
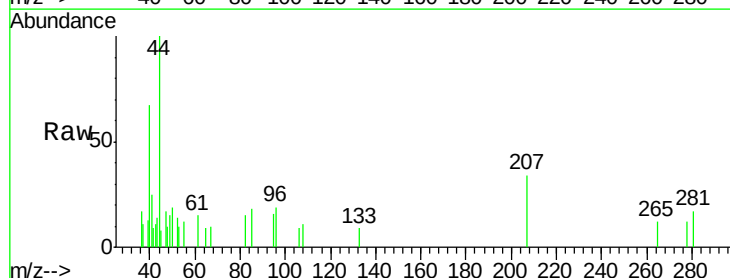
Instrument :
 MSVOA_W
 ClientSampled :
 RT-3422

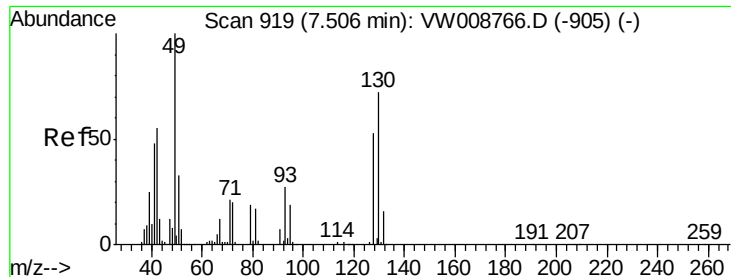
Tot Ion: 77 Resp: 122
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.0 33.0#



#27
 cis-1,2-Dichloroethene
 Concen: 0.052 ug/l
 RT: 7.35 min Scan# 894
 Delta R.T. 0.19 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

Tgt Ion: 96 Resp: 211
 Ion Ratio Lower Upper
 96 100
 61 32.2 0.0 302.6
 98 10.9 0.0 130.0





#28

Bromochloromethane

Concen: 0.022 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

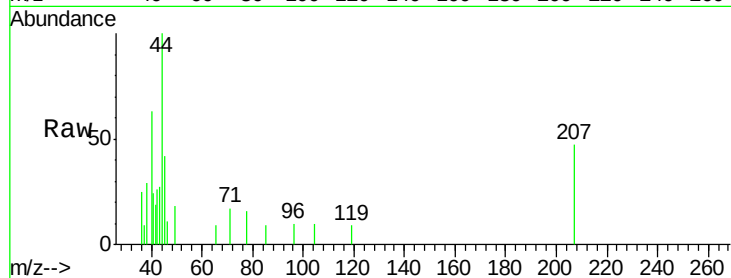
Tot Ion: 49 Resp: 59

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

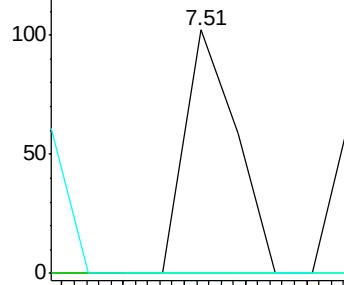
130 0.0 61.3 91.9#



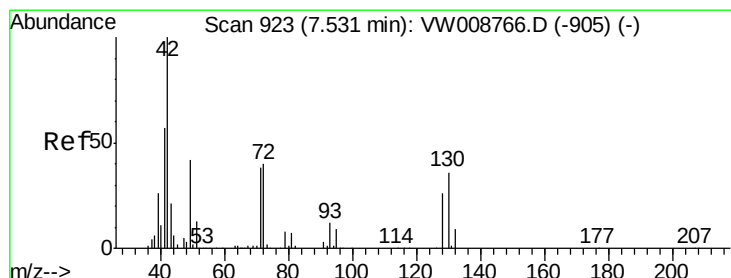
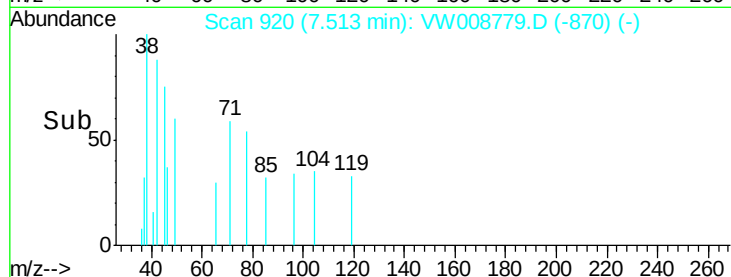
Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->



#29

Tetrahydrofuran

Concen: 0.451 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

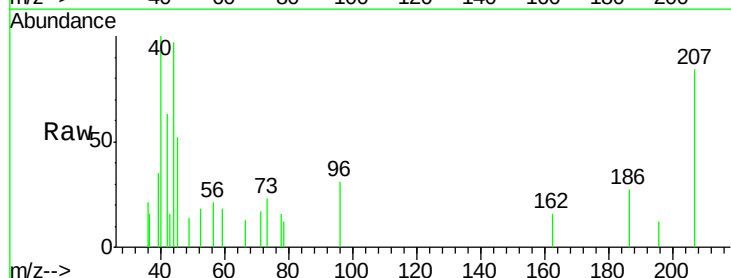
Tgt Ion: 42 Resp: 326

Ion Ratio Lower Upper

42 100

72 0.0 32.7 49.1#

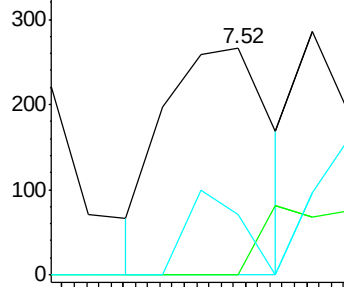
71 19.0 31.3 46.9#



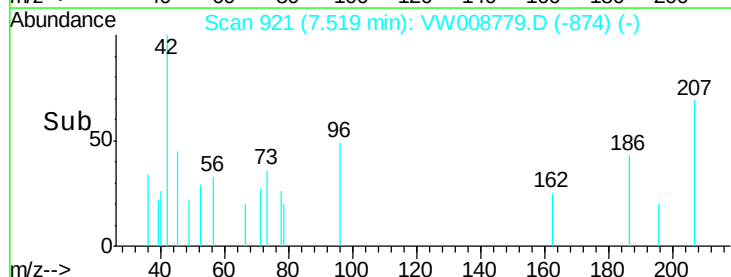
Abundance Ion 42.00 (41.70 to 42.70): VW

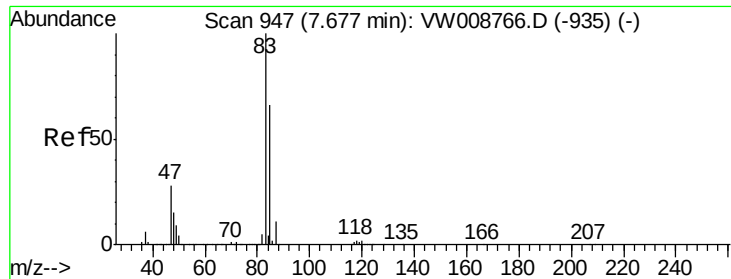
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



Time-->

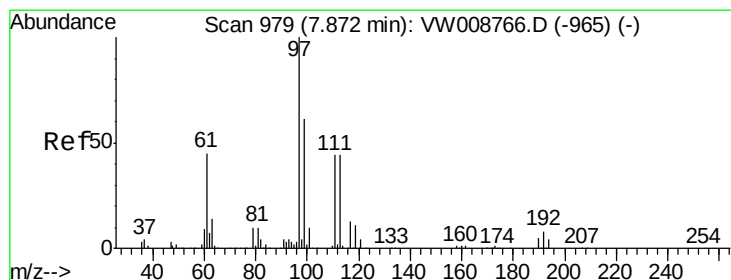
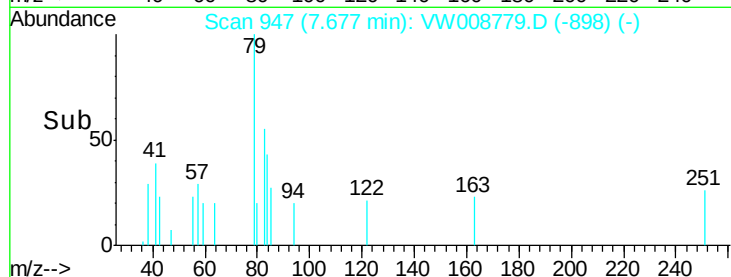
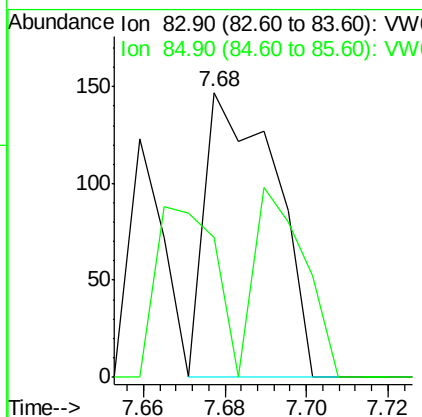
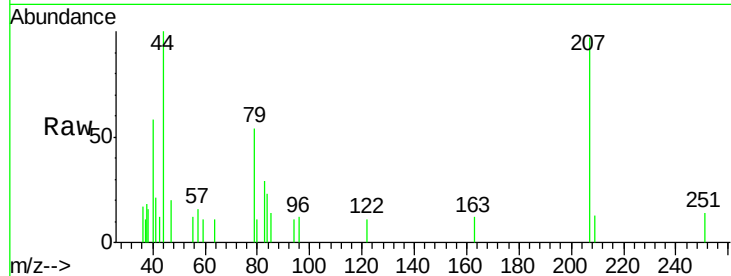




#30
Chloroform
Concen: 0.026 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

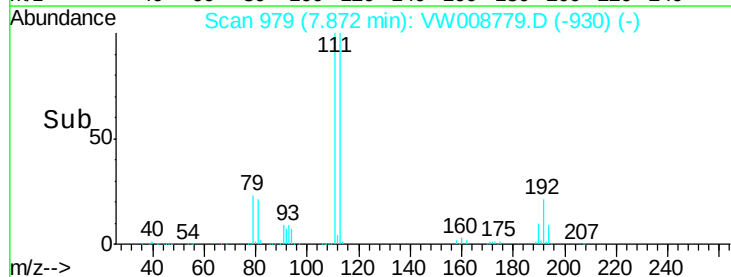
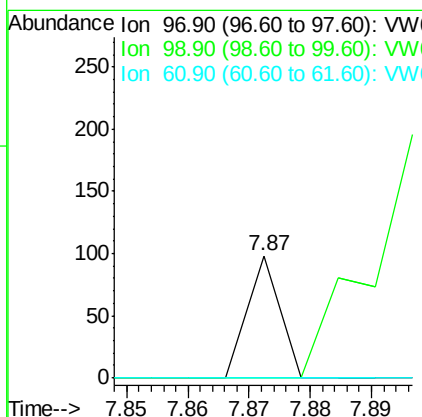
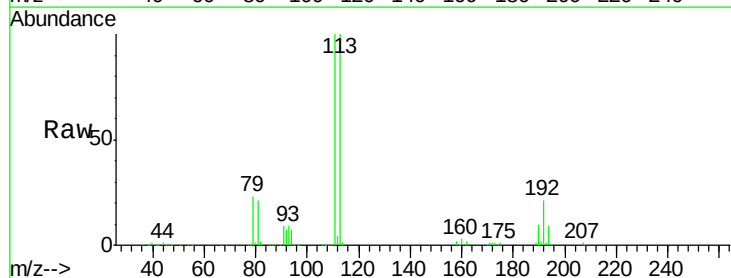
Instrument :
MSVOA_W
ClientSampleId :
RT-3422

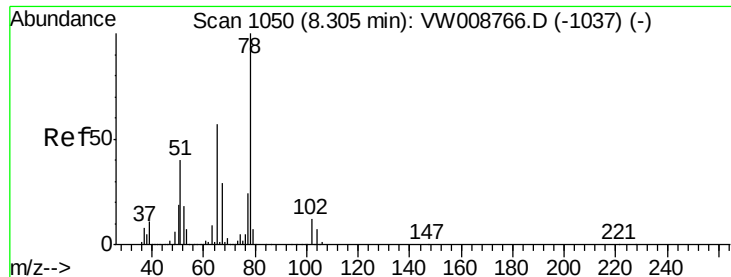
Tot Ion: 83 Resp: 176
Ion Ratio Lower Upper
83 100
85 49.0 52.6 79.0#



#32
1,1,1-Trichloroethane
Concen: 0.006 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

Tgt Ion: 97 Resp: 36
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 36.0 54.0#

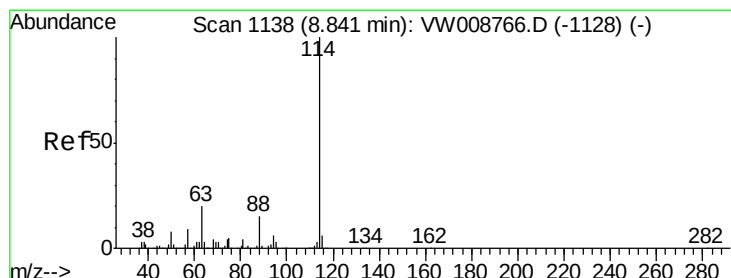
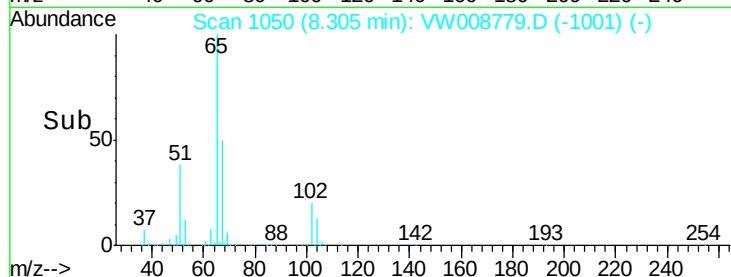
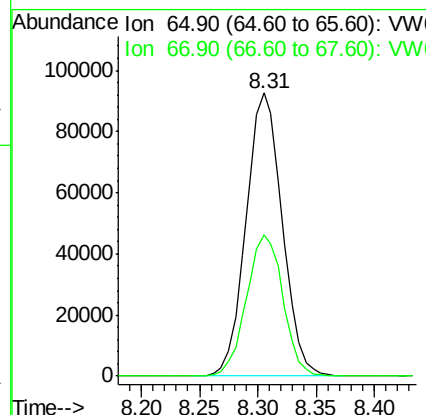
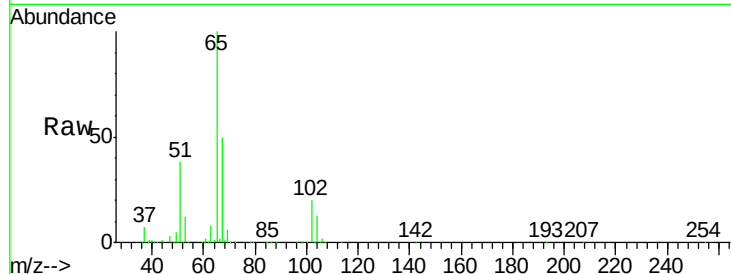




#33
 1,2-Dichloroethane-d4
 Concen: 57.365 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

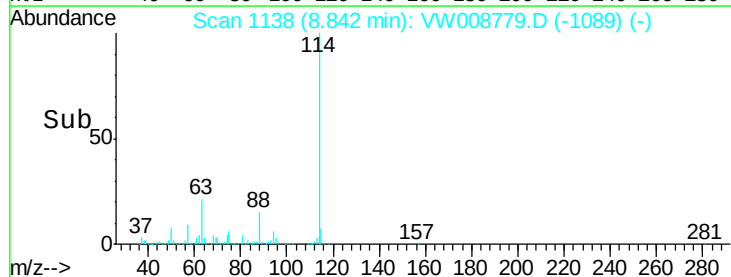
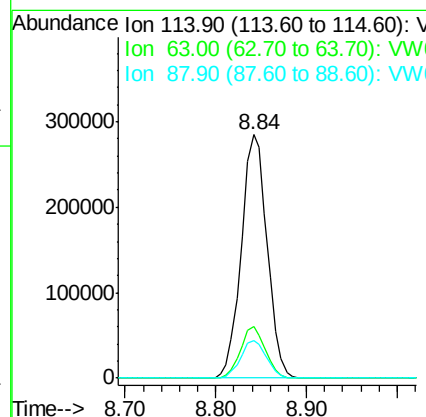
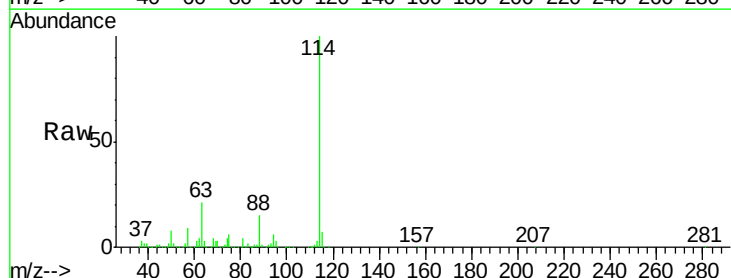
Instrument :
 MSVOA_W
 ClientSampled :
 RT-3422

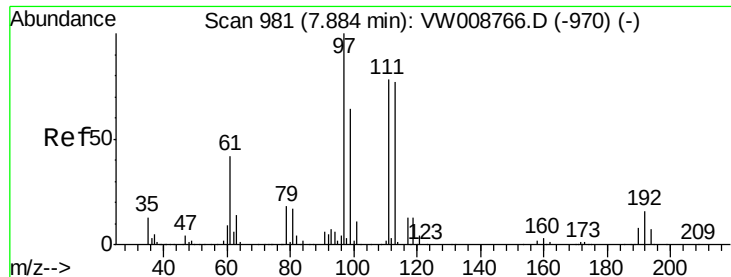
Tot Ion: 65 Resp: 200745
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

Tgt Ion: 114 Resp: 561133
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.666 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

RT-3422

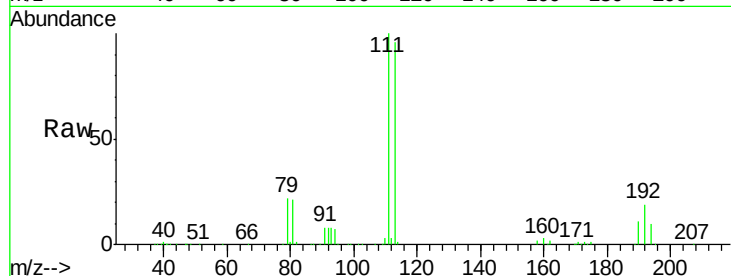
Tot Ion:113 Resp: 177437

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

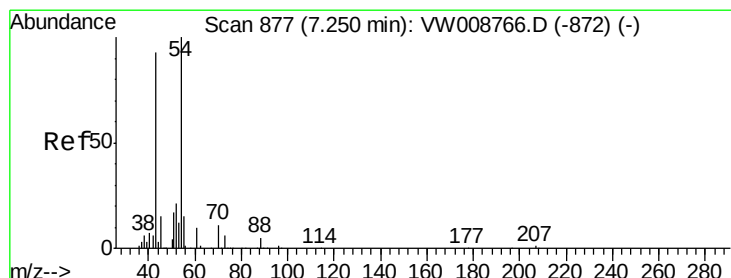
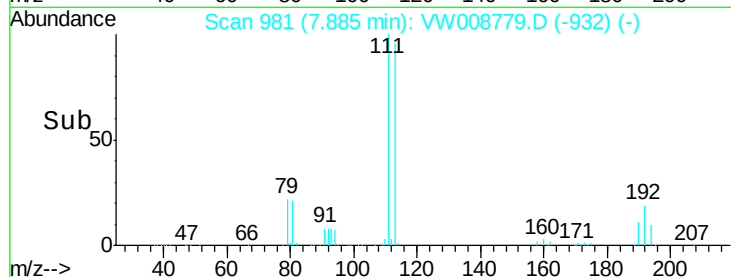
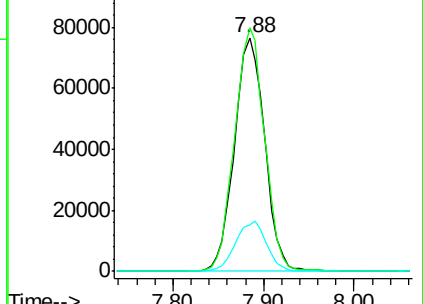
192 21.9 17.1 25.7



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: 0.025 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

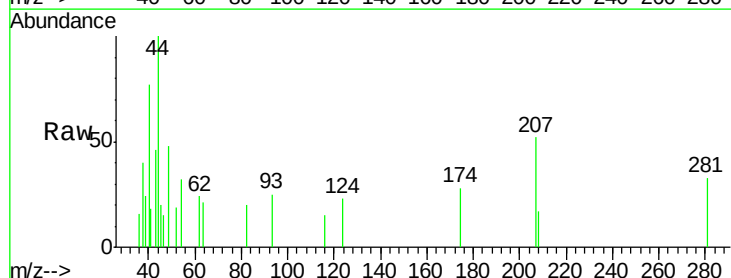
Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

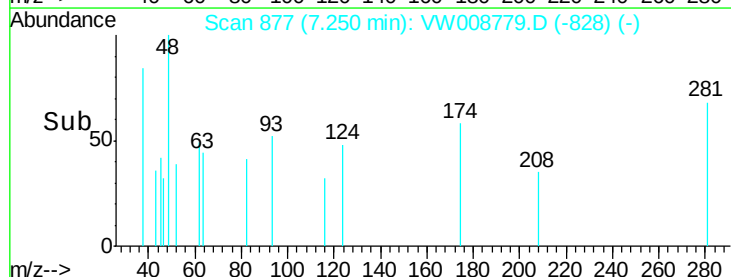
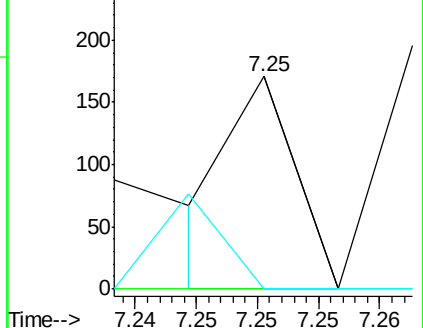
70 44.4 8.4 12.6#

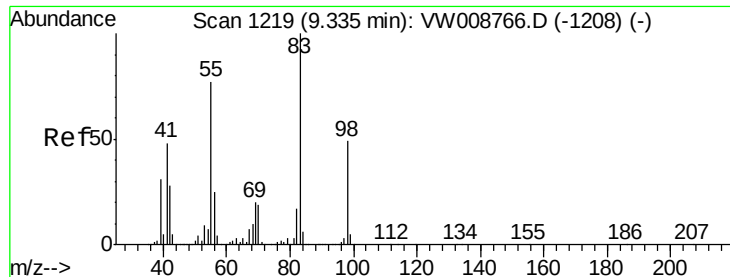


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#39

Methylvlcyclohexane

Concen: 0.020 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

RT-3422

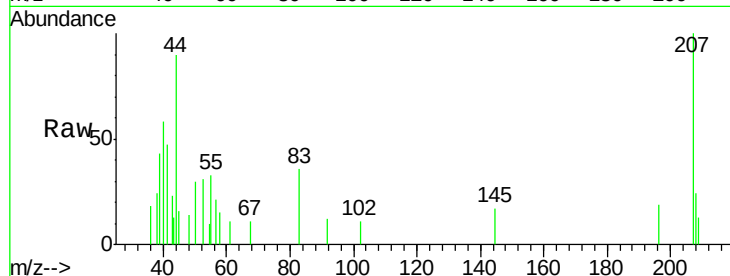
Tot Ion: 83 Resp: 137

Ion Ratio Lower Upper

83 100

55 91.1 61.2 91.8

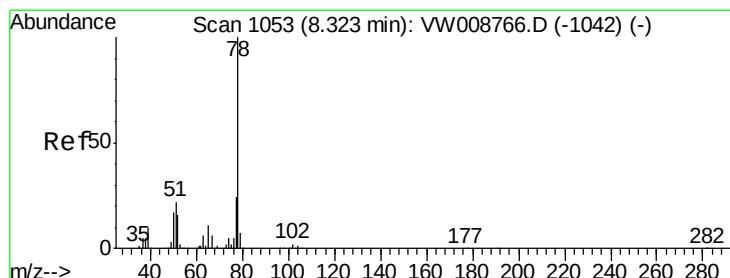
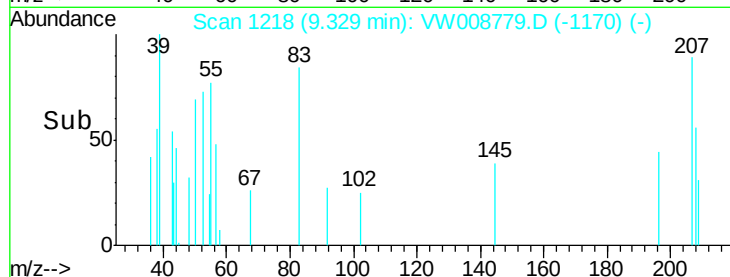
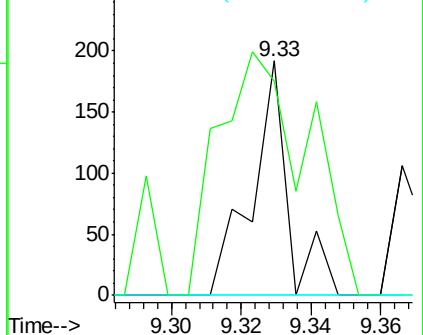
98 0.0 39.4 59.2#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 0.044 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008779.D

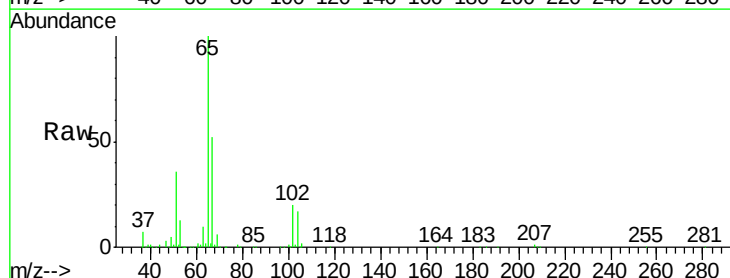
Acq: 21 Feb 2019 19:30

Tgt Ion: 78 Resp: 651

Ion Ratio Lower Upper

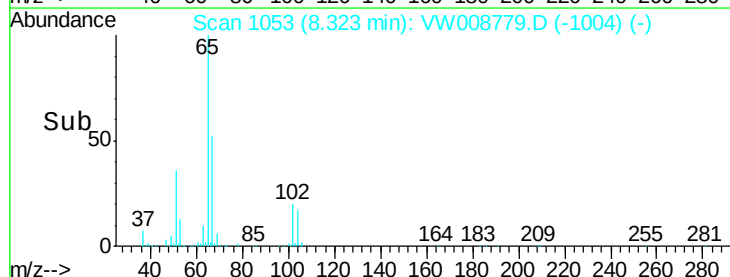
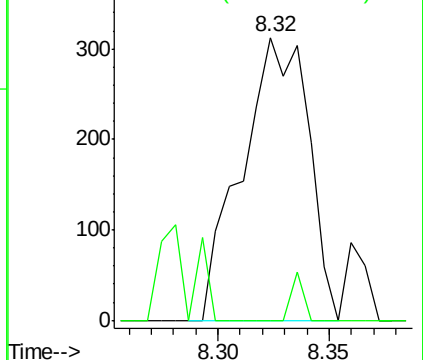
78 100

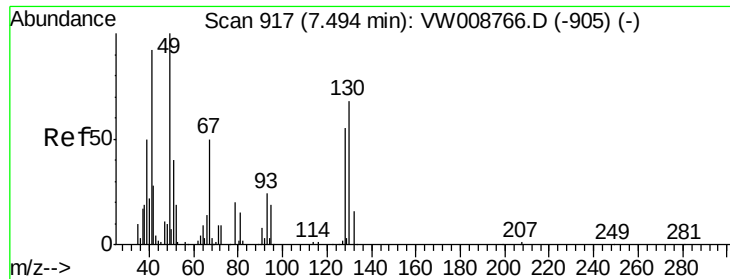
77 0.0 19.3 28.9#



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

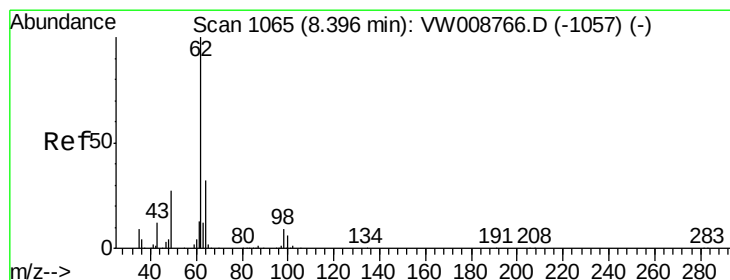
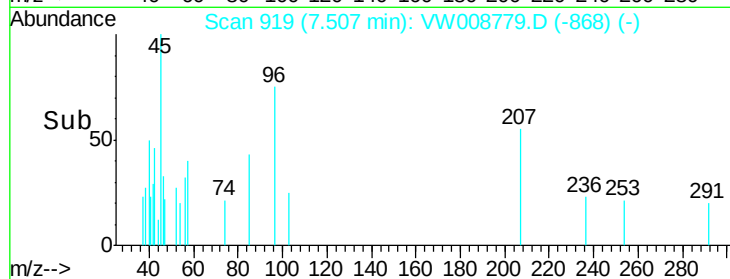
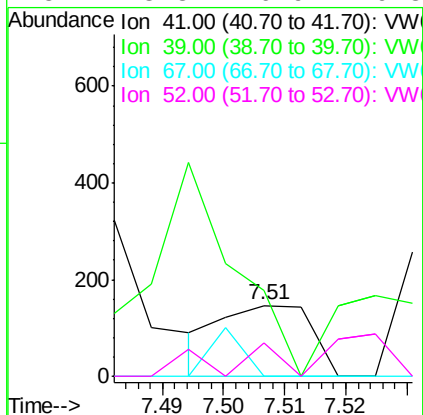
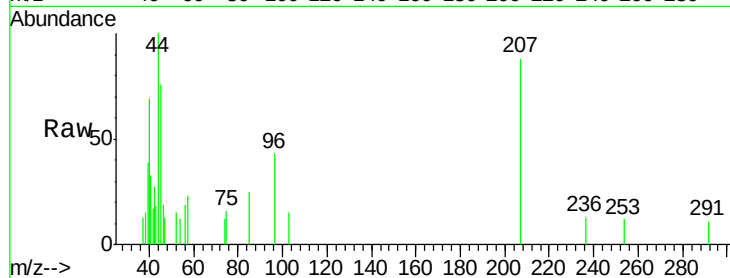




#41
Methacrylonitrile
Concen: 0.100 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

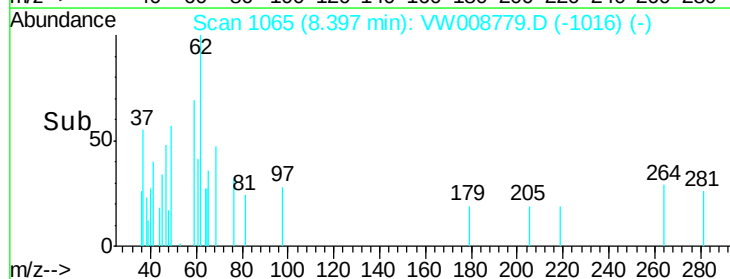
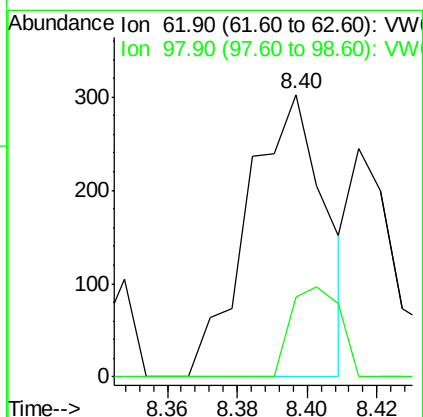
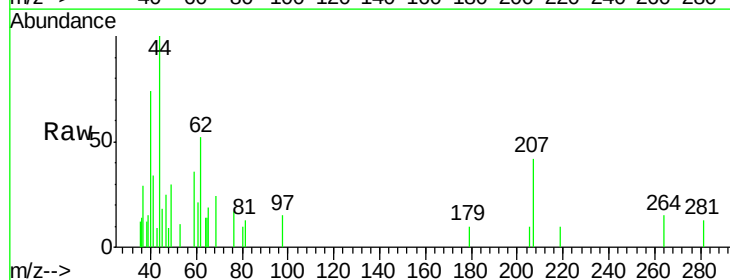
Instrument :
MSVOA_W
ClientSampleId :
RT-3422

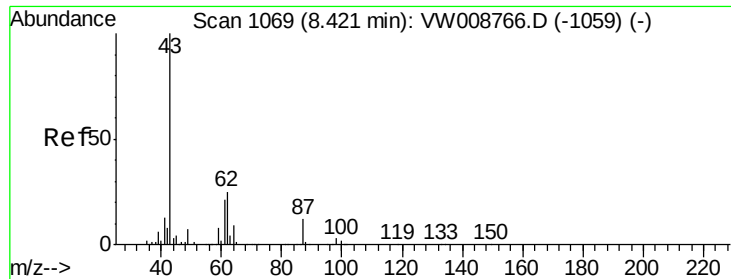
Tot Ion: 41 Resp: 150
Ion Ratio Lower Upper
41 100
39 315.3 52.5 78.7#
67 24.7 55.0 82.6#
52 13.3 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 0.099 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

Tgt Ion: 62 Resp: 466
Ion Ratio Lower Upper
62 100
98 20.4 0.0 18.2#





#43

Isopropyl Acetate

Concen: 0.098 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.02 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

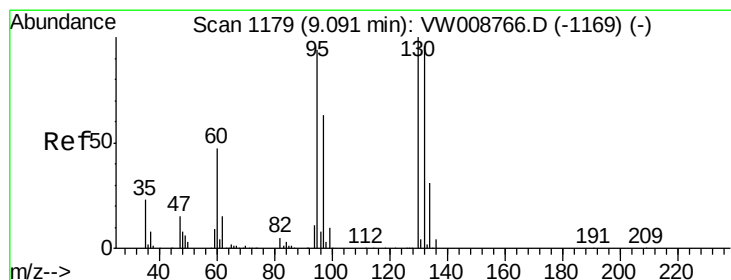
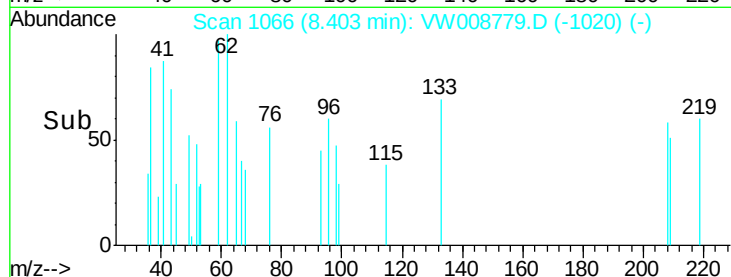
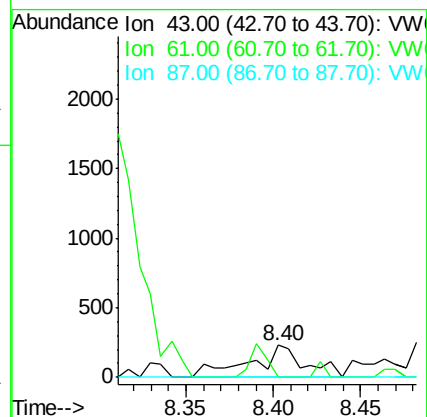
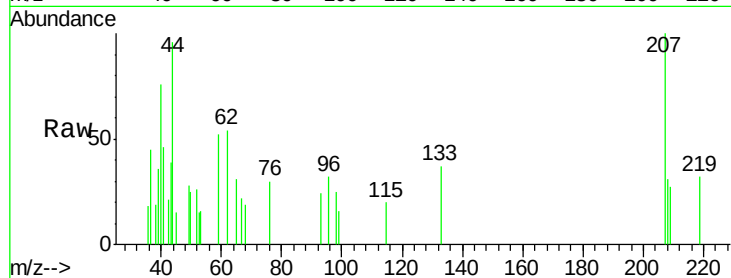
Tot Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

61 31.3 23.2 34.8

87 0.0 9.9 14.9#



#44

Trichloroethene

Concen: 0.005 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008779.D

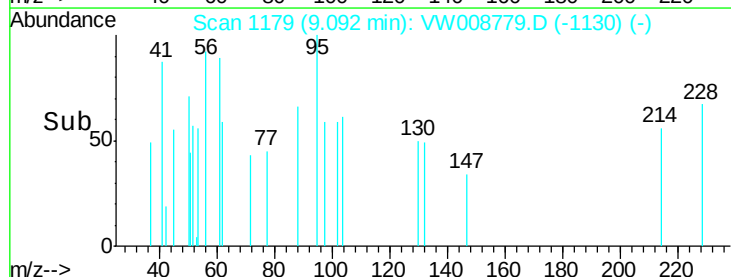
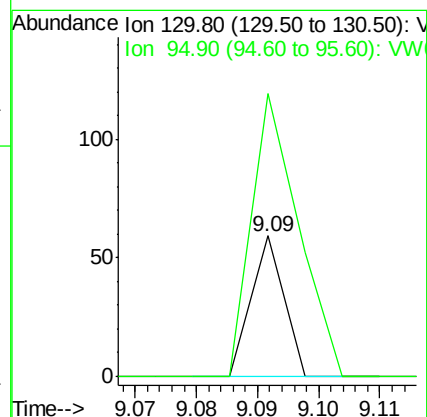
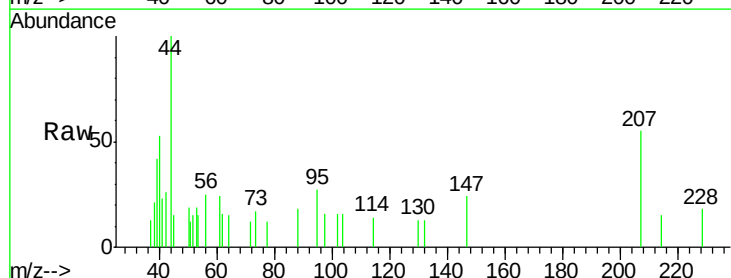
Acq: 21 Feb 2019 19:30

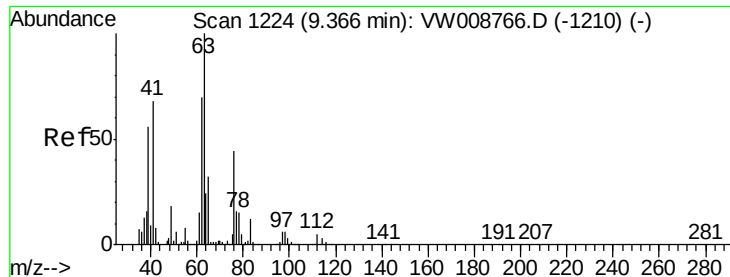
Tgt Ion: 130 Resp: 22

Ion Ratio Lower Upper

130 100

95 201.7 0.0 188.6#





#45

1,2-Dichloropropane

Concen: 0.006 ug/l

RT: 9.32 min Scan# 1217

Delta R.T. -0.04 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

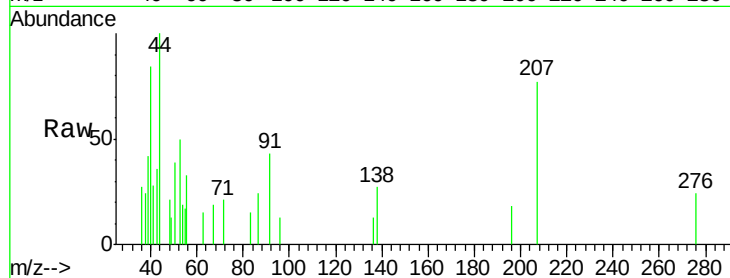
RT-3422

Tot Ion: 63 Resp: 21

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

9.32

60

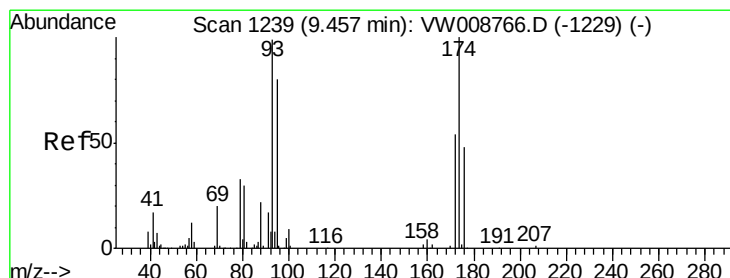
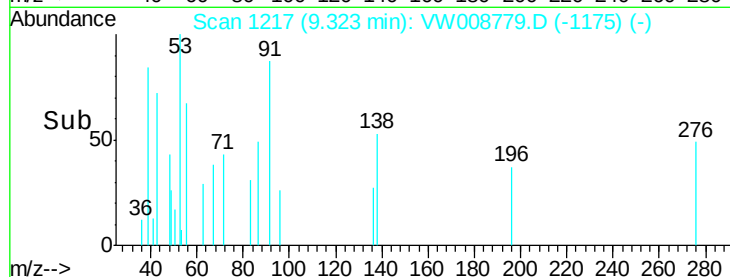
40

20

0

9.30 9.31 9.32 9.33 9.34

Time-->



#46

Dibromomethane

Concen: 0.011 ug/l

RT: 9.43 min Scan# 1234

Delta R.T. -0.03 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

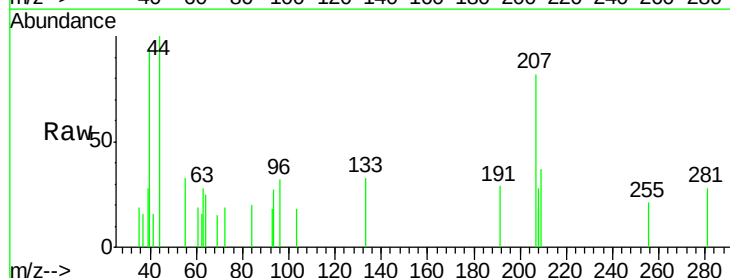
Tgt Ion: 93 Resp: 23

Ion Ratio Lower Upper

93 100

95 95.7 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

80

60

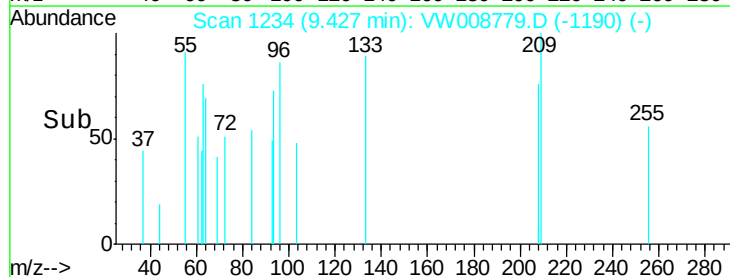
40

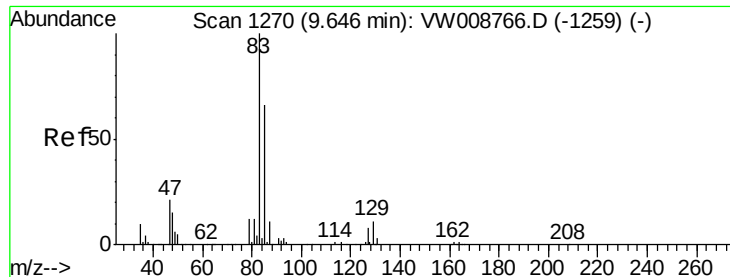
20

0

9.41 9.42 9.43 9.44

Time-->





#47

Bromodichloromethane

Concen: 0.010 ug/l

RT: 9.68 min Scan# 1276

Delta R.T. 0.04 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

RT-3422

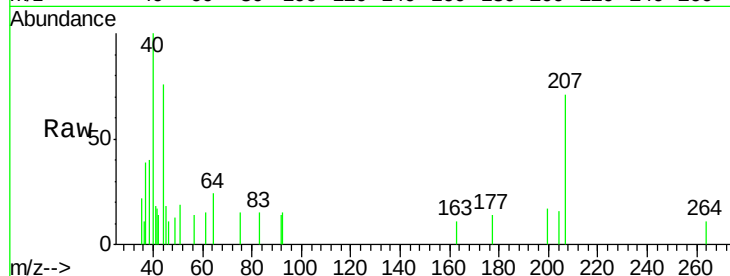
Tot Ion: 83 Resp: 50

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

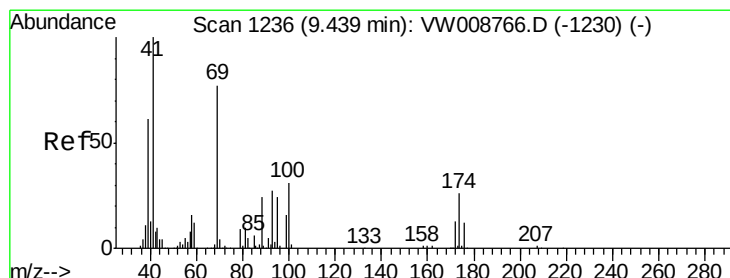
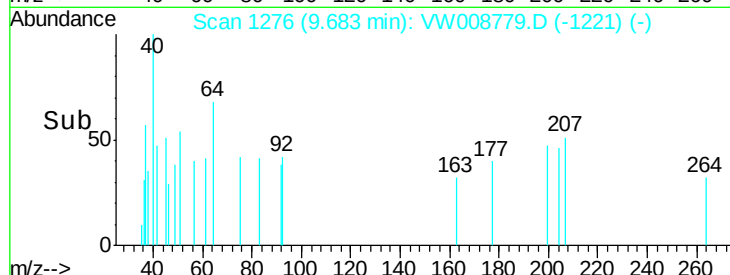
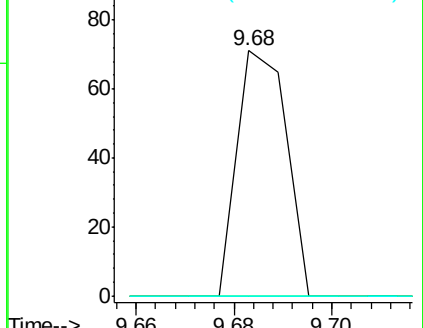
127 0.0 6.7 10.1#



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

Methyl methacrylate

Concen: 0.074 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

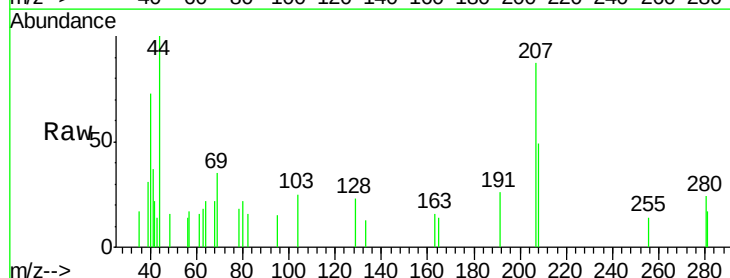
Tgt Ion: 41 Resp: 179

Ion Ratio Lower Upper

41 100

69 70.9 63.6 95.4

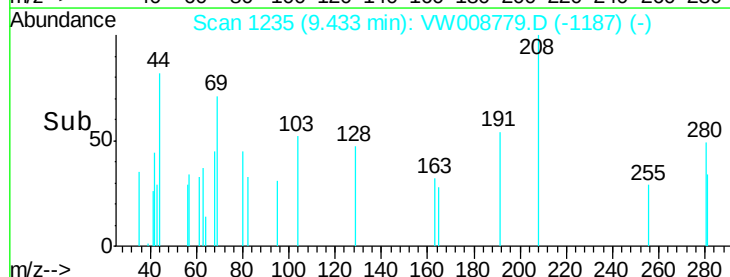
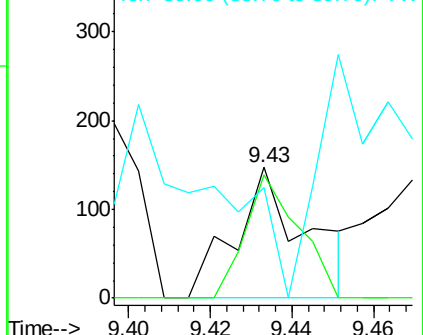
39 117.3 52.1 78.1#

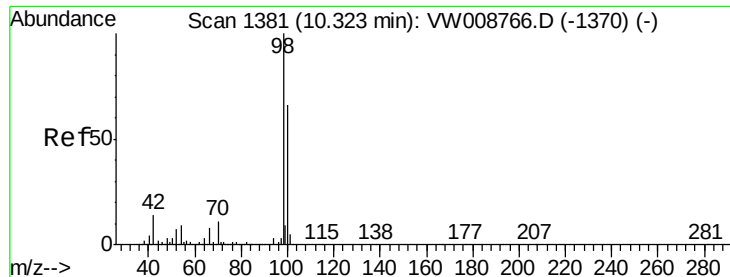


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 51.295 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

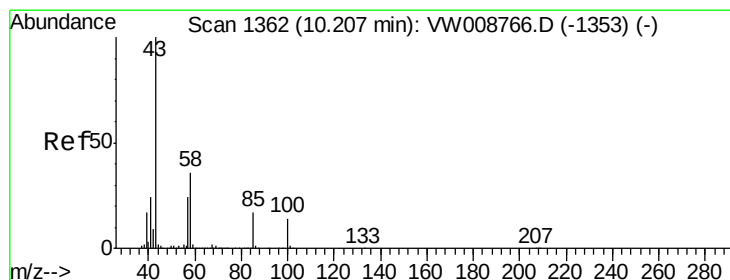
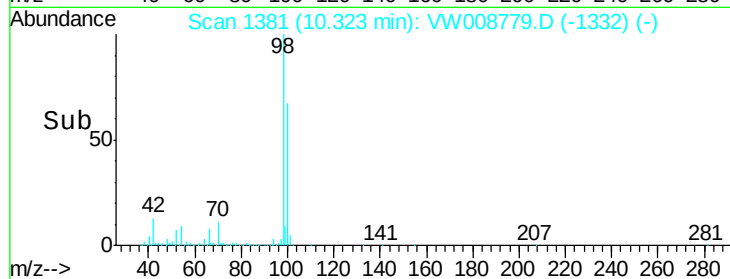
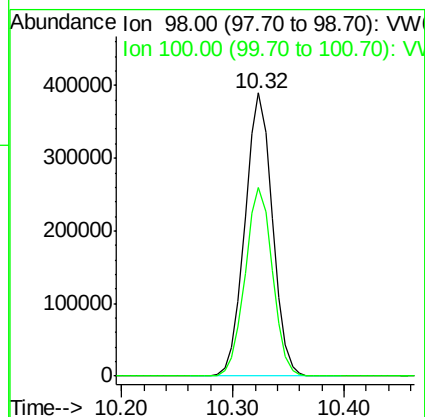
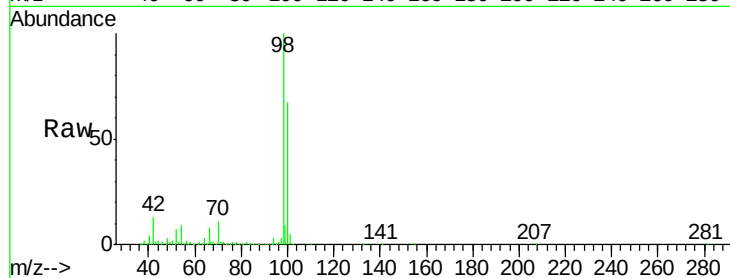
RT-3422

Tot Ion: 98 Resp: 667135

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 0.153 ug/l

RT: 10.20 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VW008779.D

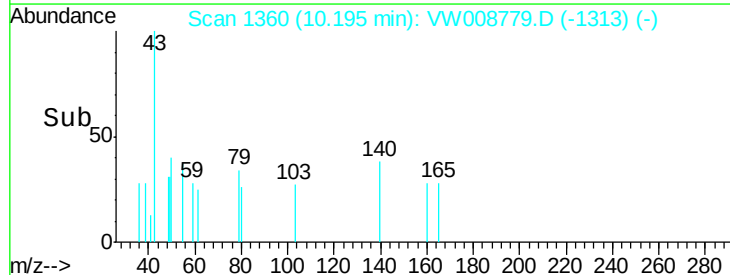
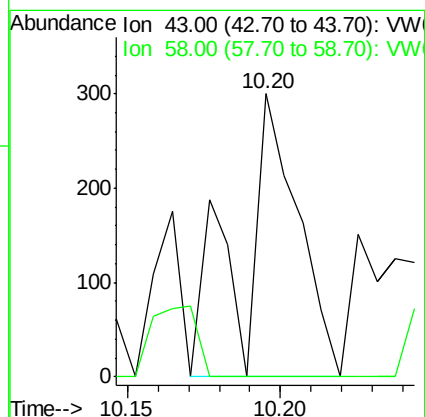
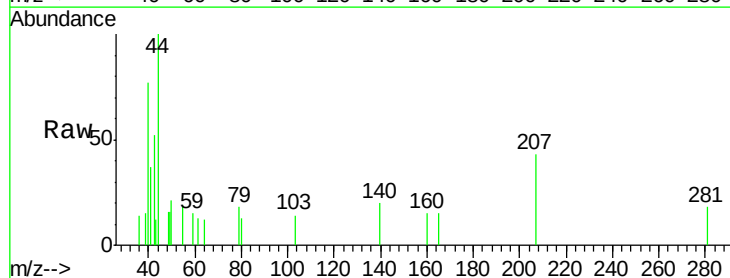
Acq: 21 Feb 2019 19:30

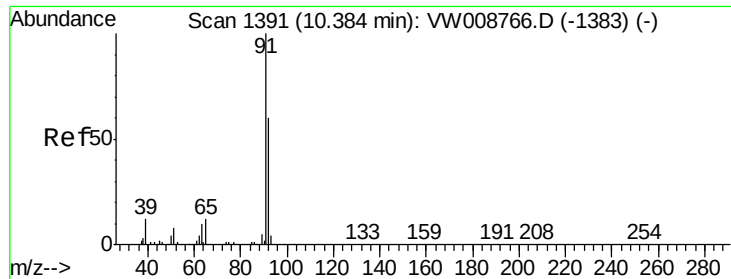
Tgt Ion: 43 Resp: 394

Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#





#52

Toluene

Concen: 0.188 ug/l

RT: 10.38 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

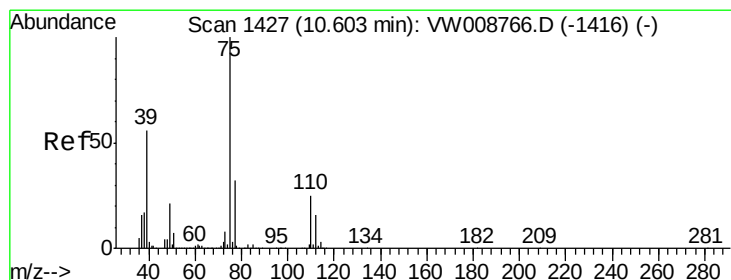
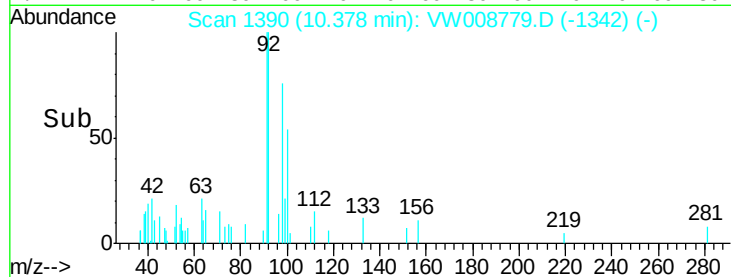
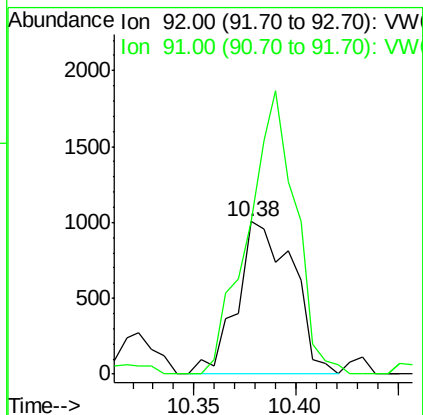
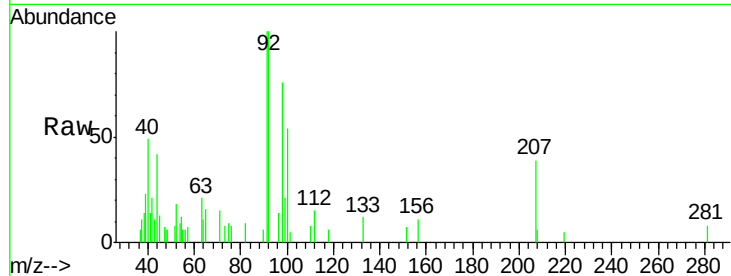
RT-3422

Tot Ion: 92 Resp: 1903

Ion Ratio Lower Upper

92 100

91 159.5 136.9 205.3



#53

t-1,3-Dichloropropene

Concen: 0.021 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008779.D

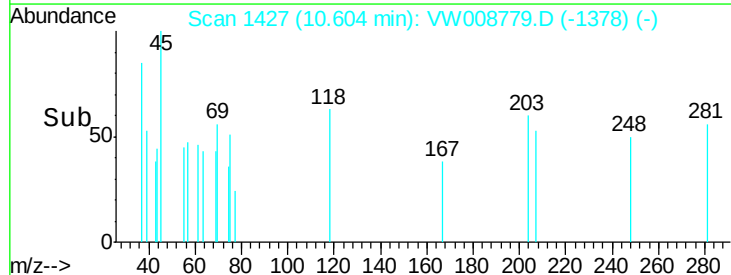
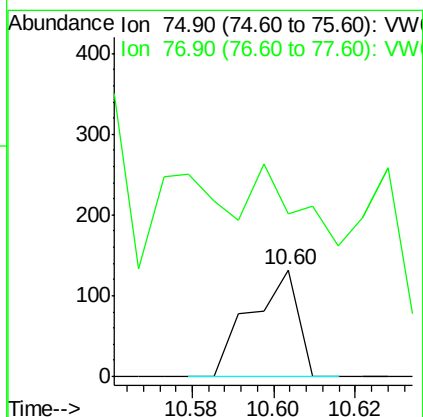
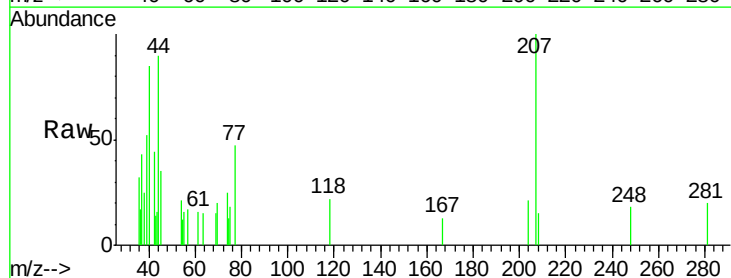
Acq: 21 Feb 2019 19:30

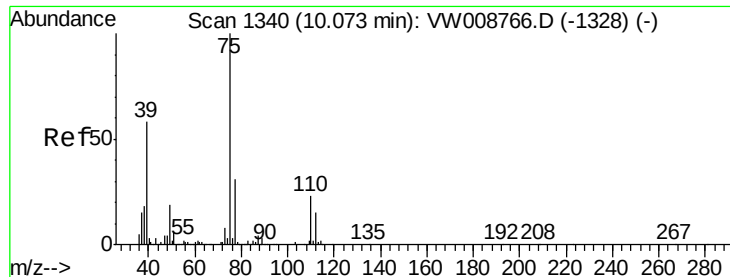
Tgt Ion: 75 Resp: 106

Ion Ratio Lower Upper

75 100

77 30.3 26.1 39.1





#54

cis-1,3-Dichloropropene

Concen: 0.005 ug/l

RT: 10.12 min Scan# 1347

Delta R.T. 0.04 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

RT-3422

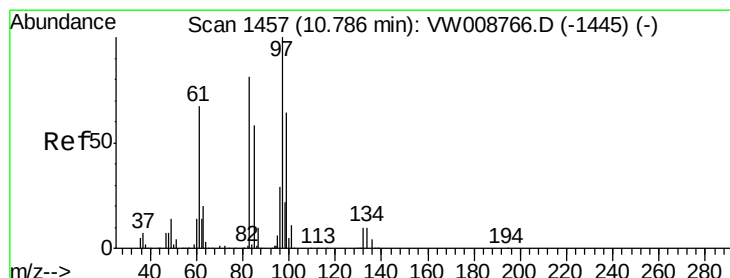
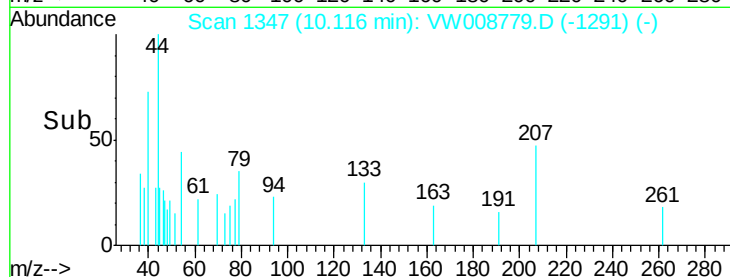
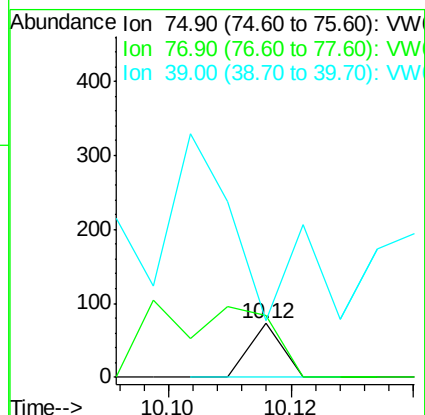
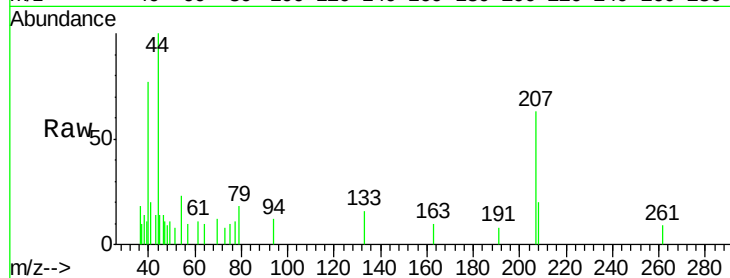
Tot Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

77 113.7 25.0 37.4#

39 0.0 46.6 70.0#



#55

1,1,2-Trichloroethane

Concen: 0.047 ug/l

RT: 10.77 min Scan# 1455

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Tgt Ion: 97 Resp: 131

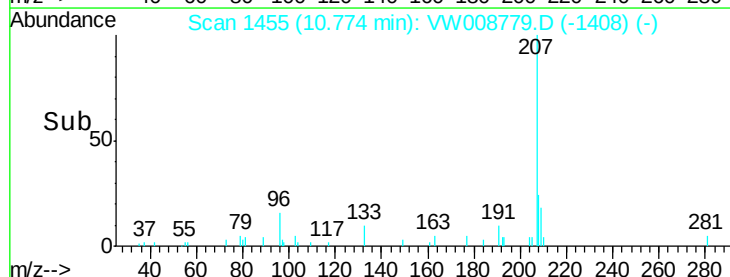
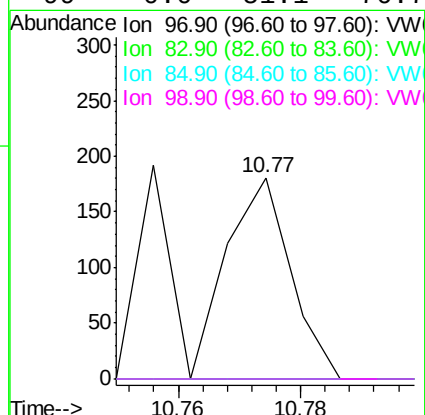
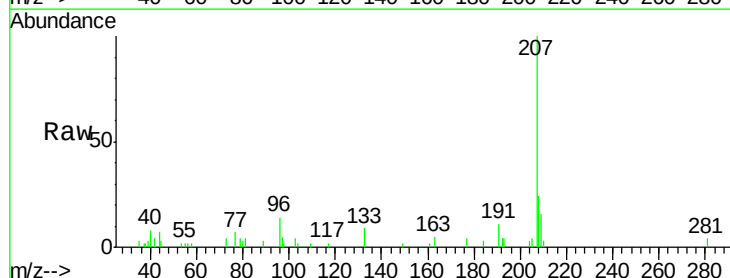
Ion Ratio Lower Upper

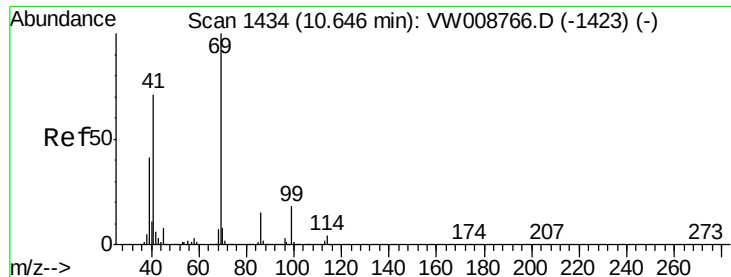
97 100

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: 0.029 ug/l

RT: 10.66 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

RT-3422

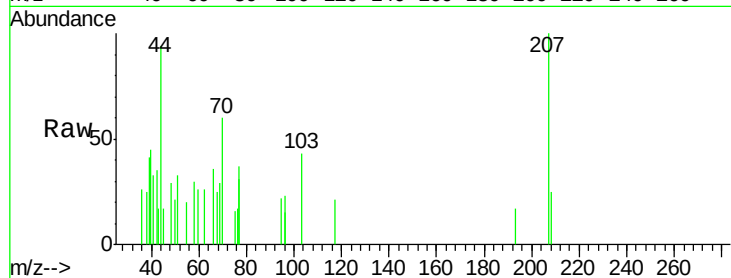
Tot Ion: 69 Resp: 104

Ion Ratio Lower Upper

69 100

41 319.2 57.4 86.0#

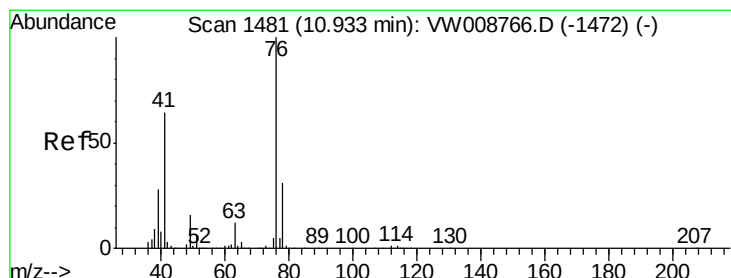
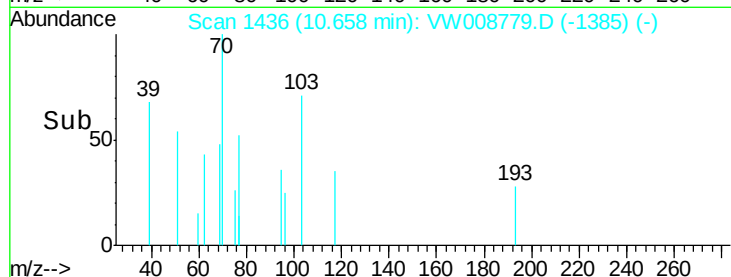
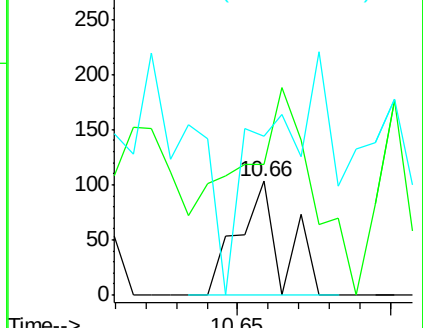
39 365.4 34.8 52.2#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#57

1,3-Dichloropropane

Concen: 0.019 ug/l

RT: 11.03 min Scan# 1497

Delta R.T. 0.10 min

Lab File: VW008779.D

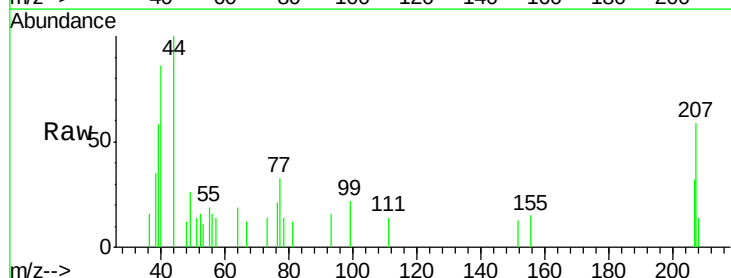
Acq: 21 Feb 2019 19:30

Tgt Ion: 76 Resp: 91

Ion Ratio Lower Upper

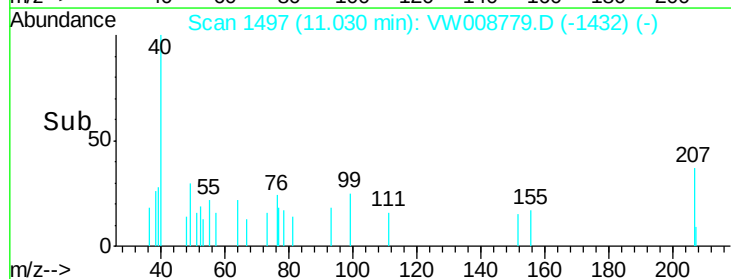
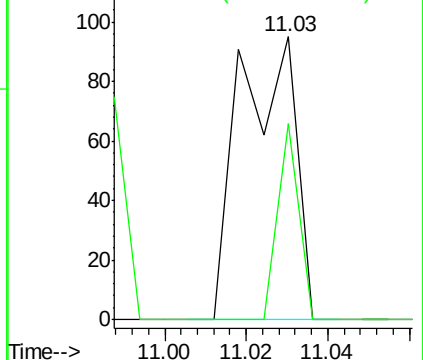
76 100

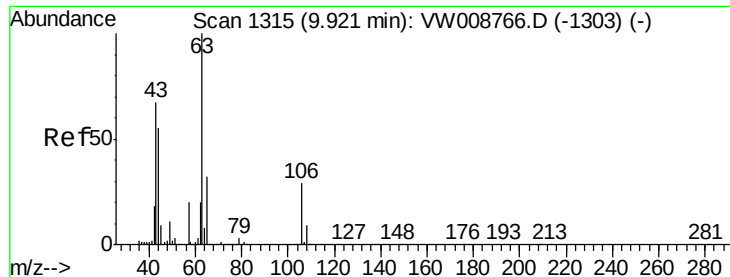
78 26.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

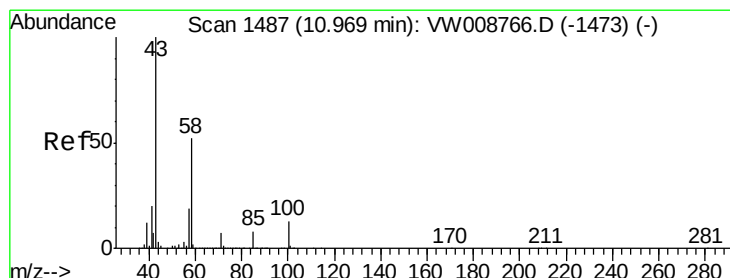
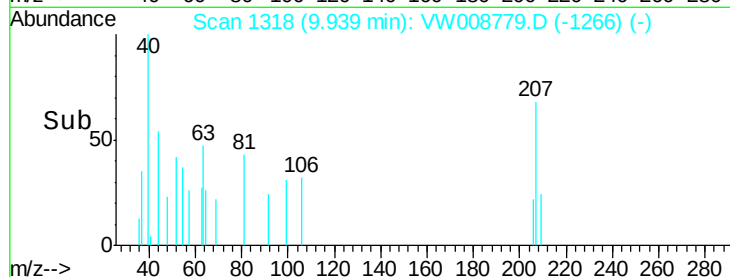
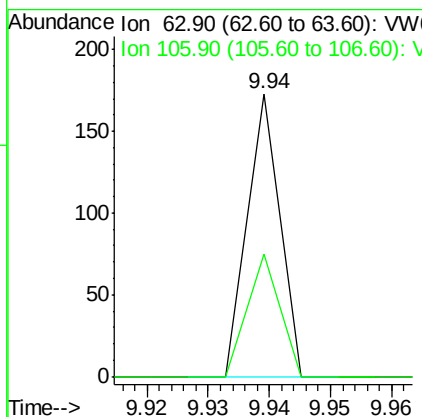
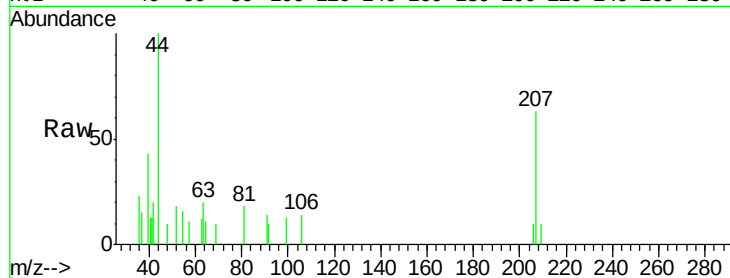




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.035 ug/l
 RT: 9.94 min Scan# 1318
 Delta R.T. 0.02 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

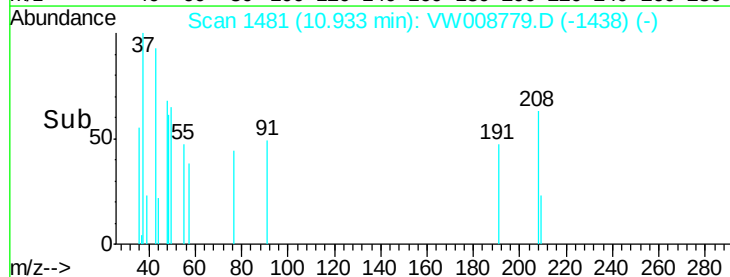
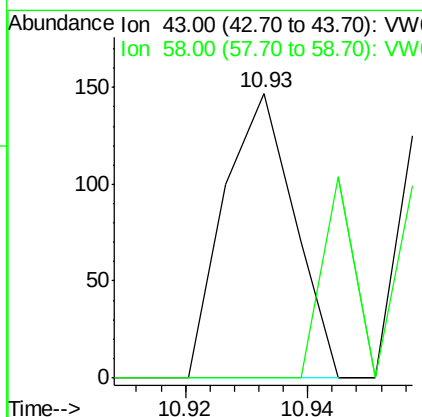
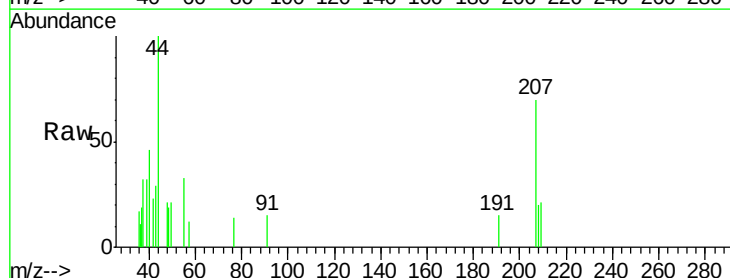
Instrument :
 MSVOA_W
 ClientSampled :
 RT-3422

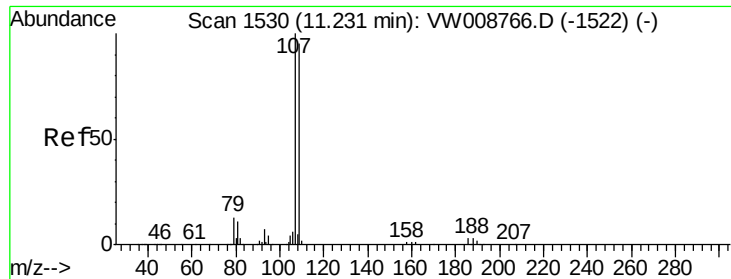
Tot Ion: 63 Resp: 63
 Ion Ratio Lower Upper
 63 100
 106 42.9 24.0 36.0#



#59
 2-Hexanone
 Concen: 0.063 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

Tgt Ion: 43 Resp: 116
 Ion Ratio Lower Upper
 43 100
 58 32.8 25.3 75.8

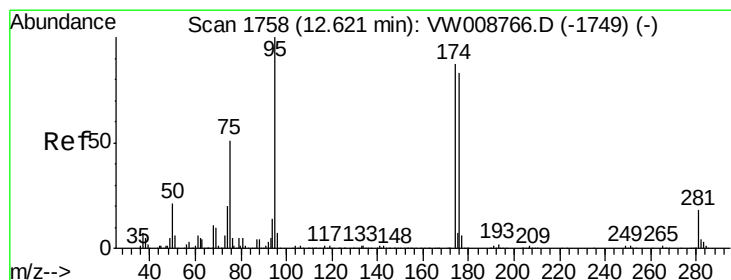
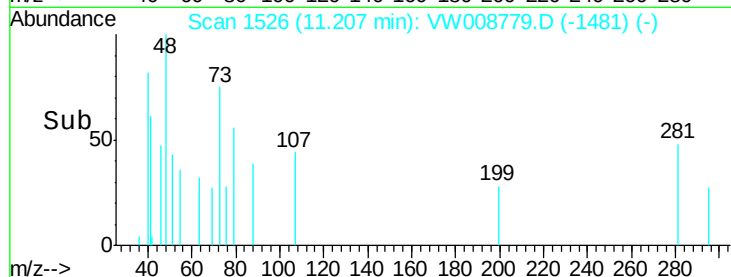
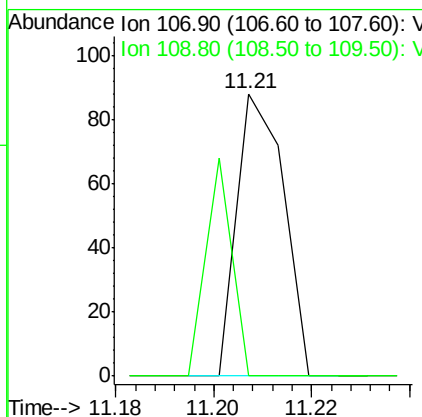
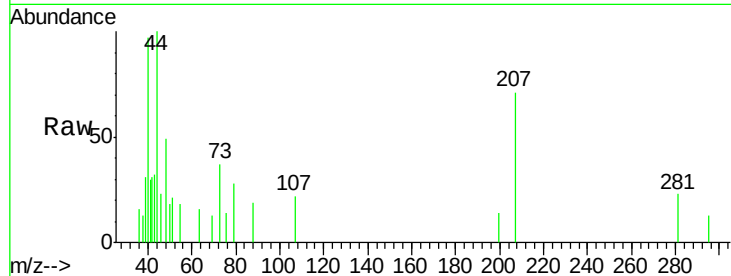




#61
 1,2-Dibromoethane
 Concen: 0.021 ug/l
 RT: 11.21 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

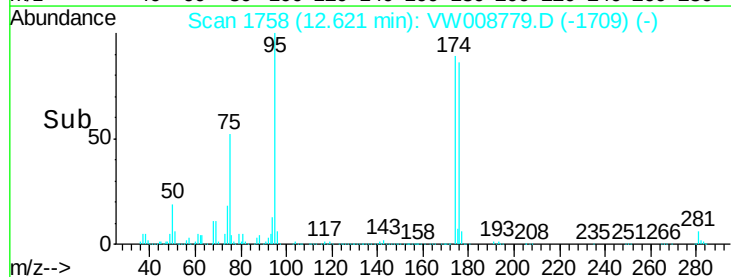
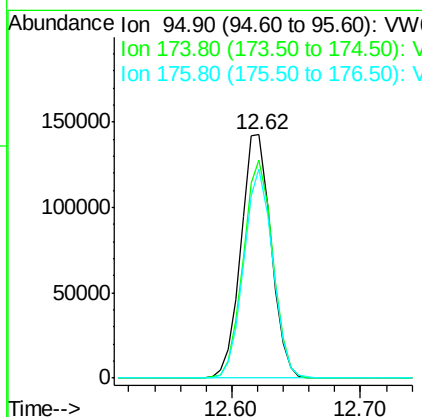
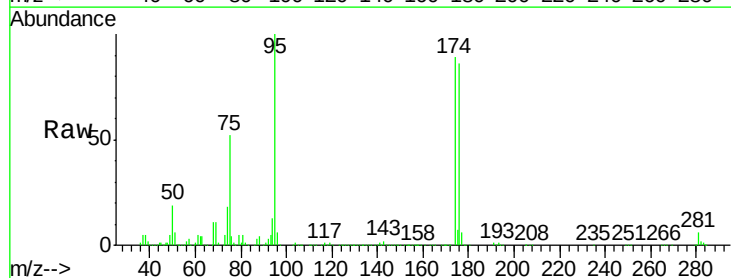
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

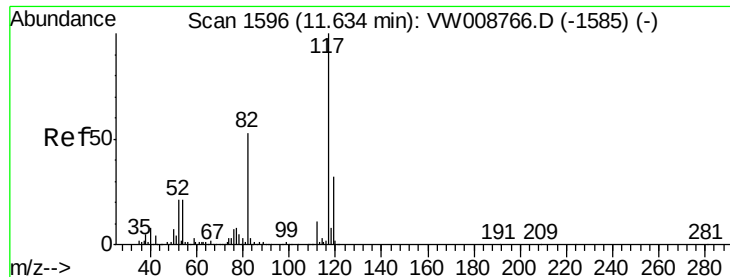
Tot Ion:107 Resp: 59
 Ion Ratio Lower Upper
 107 100
 109 42.4 75.6 113.4#



#62
 4-Bromofluorobenzene
 Concen: 45.191 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

Tgt Ion: 95 Resp: 230124
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 169.2
 176 82.6 0.0 163.6

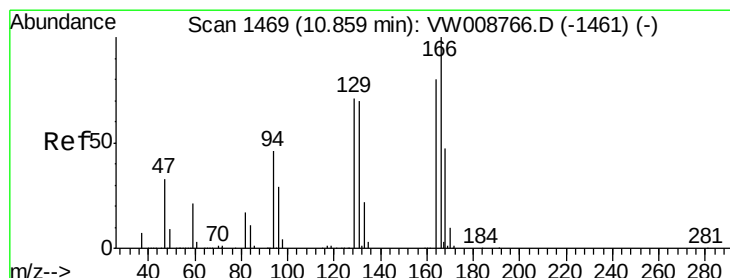
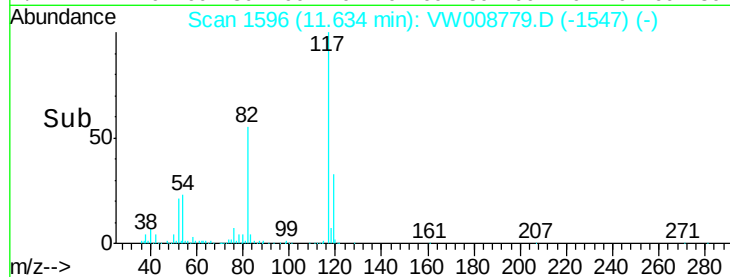
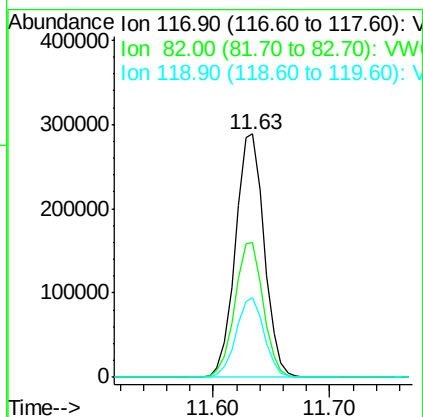
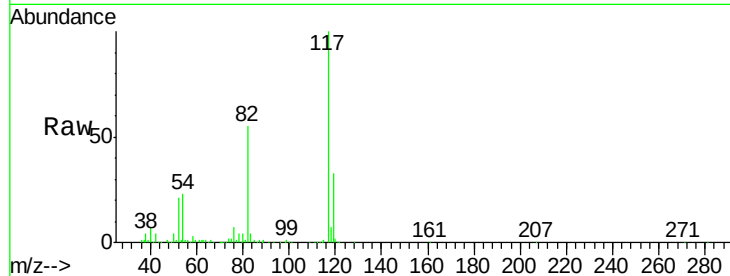




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

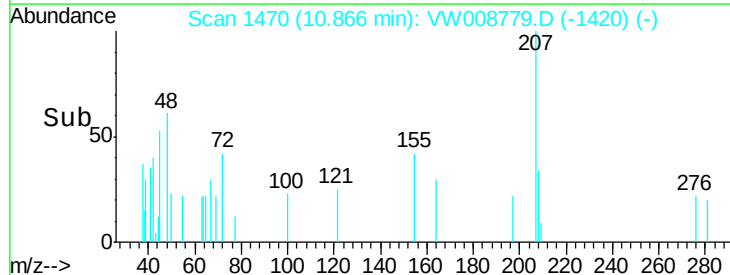
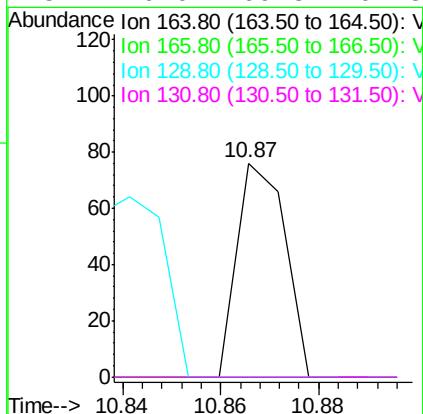
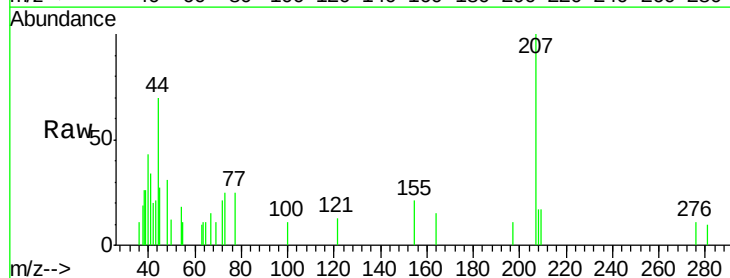
Instrument :
MSVOA_W
ClientSampleId :
RT-3422

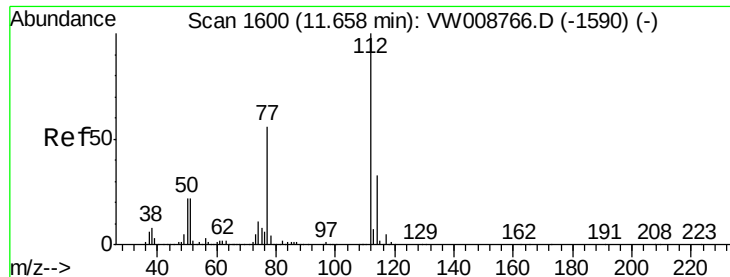
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.2	63.4
119	32.7	25.9	38.9



#64
Tetrachloroethene
Concen: 0.015 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

Tgt 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: 0.009 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

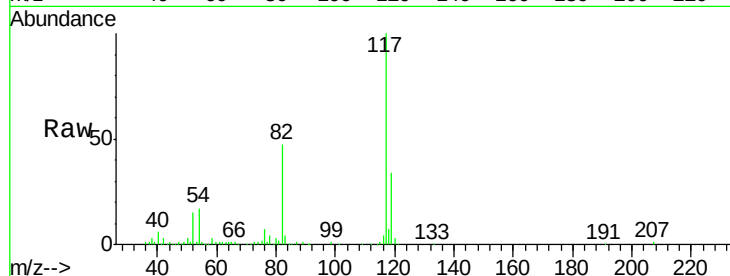
RT-3422

Tot Ion:112 Resp: 94

Ion Ratio Lower Upper

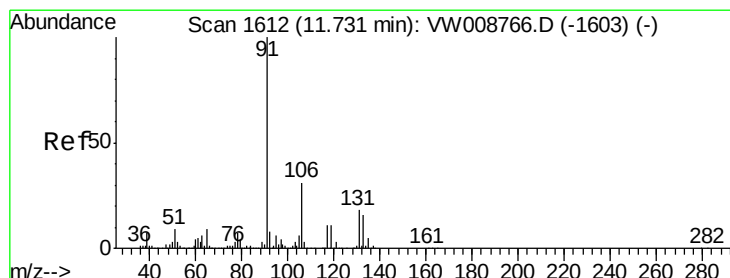
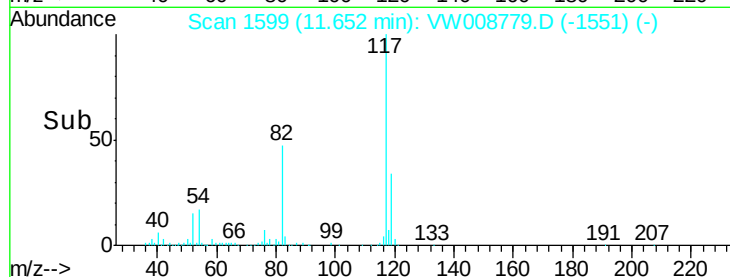
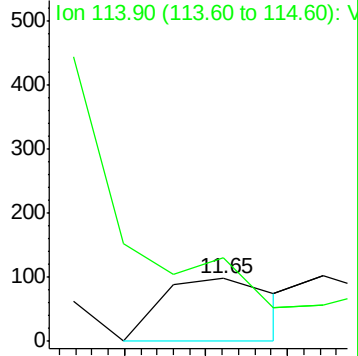
112 100

114 80.4 26.6 40.0#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.008 ug/l

RT: 11.68 min Scan# 1603

Delta R.T. -0.05 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

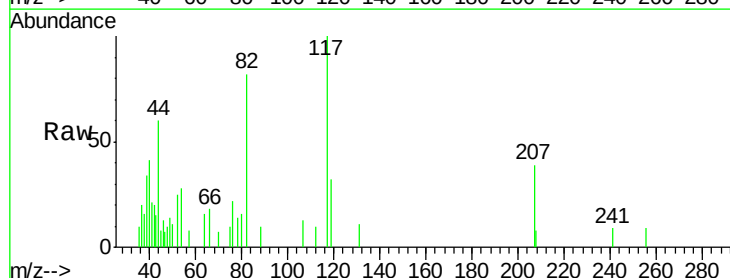
Tgt Ion:131 Resp: 29

Ion Ratio Lower Upper

131 100

133 313.8 46.7 140.0#

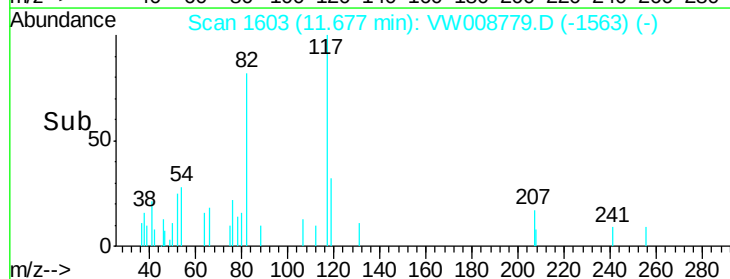
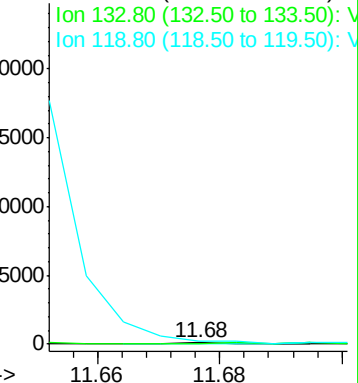
119 0.0 30.8 92.4#

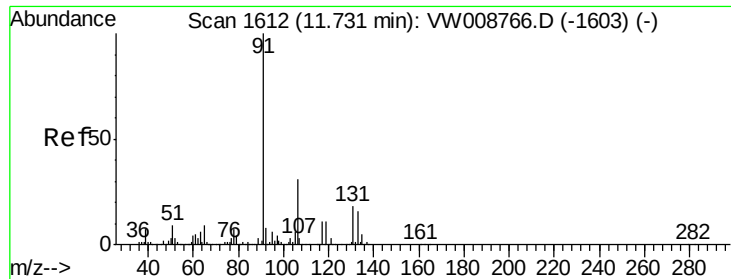


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

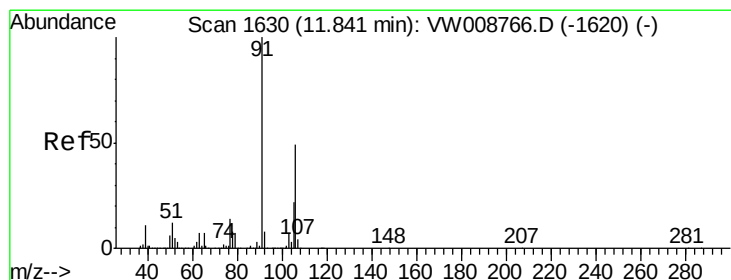
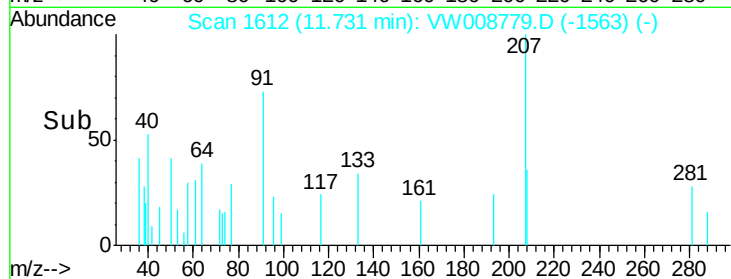
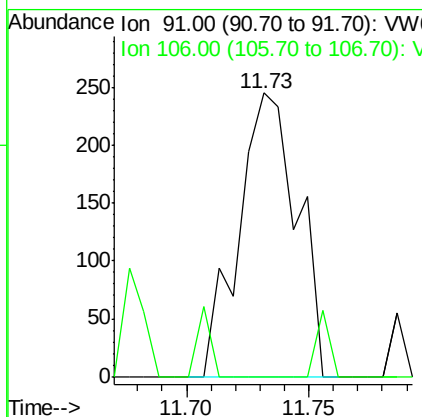
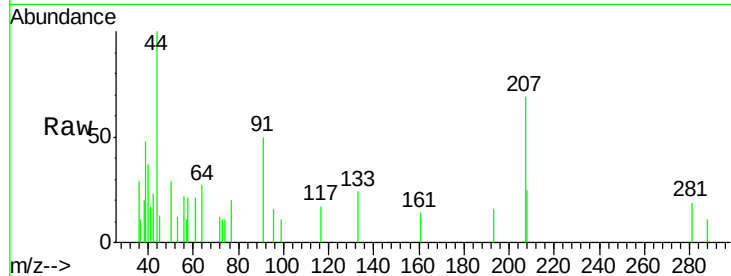




#67
Ethyl Benzene
Concen: 0.022 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

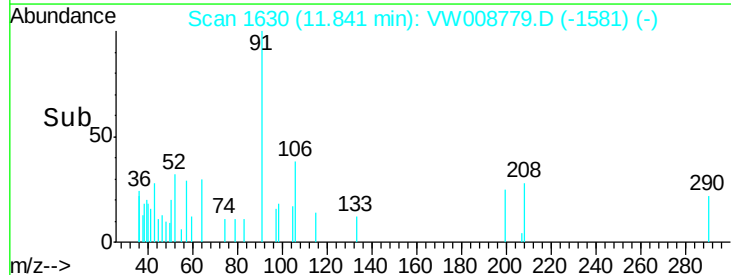
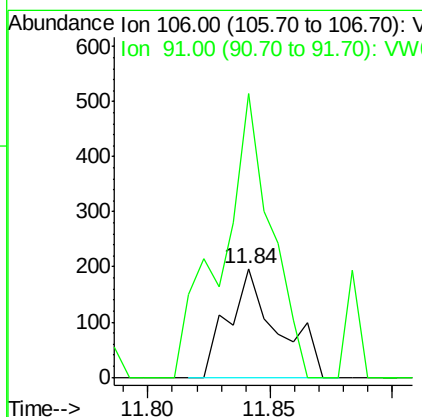
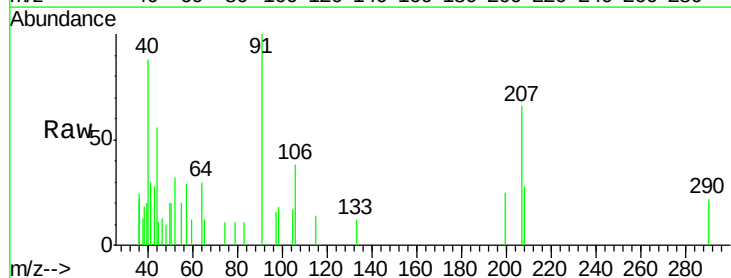
Instrument :
MSVOA_W
ClientSampled :
RT-3422

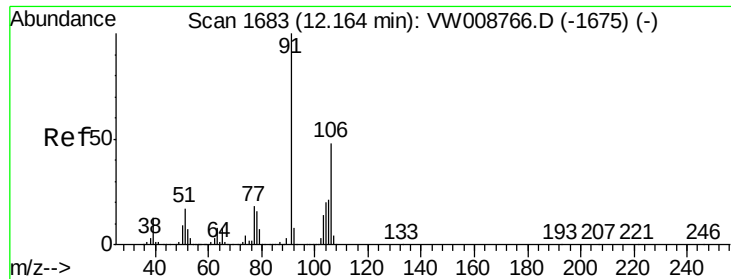
Tot Ion: 91 Resp: 409
Ion Ratio Lower Upper
91 100
106 0.0 25.0 37.6#



#68
m/p-Xylenes
Concen: 0.037 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

Tgt Ion: 106 Resp: 274
Ion Ratio Lower Upper
106 100
91 263.5 161.5 242.3#

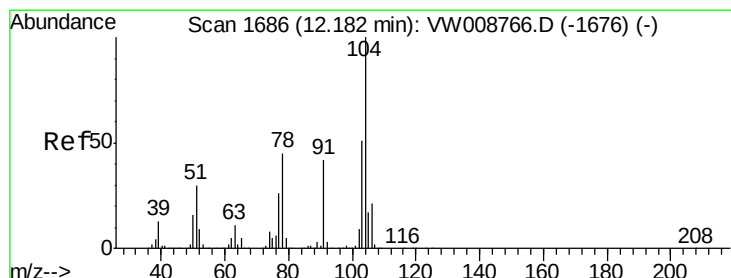
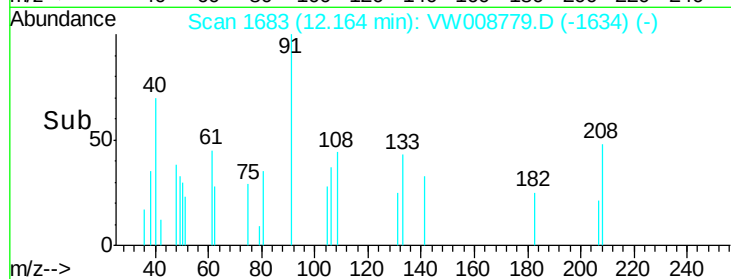
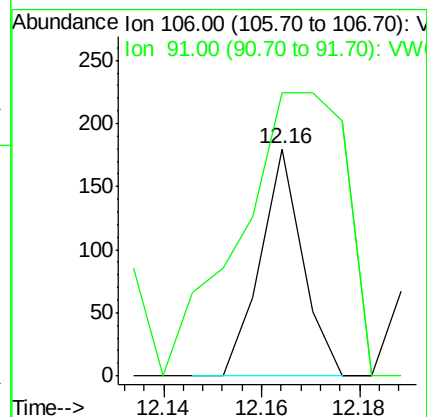
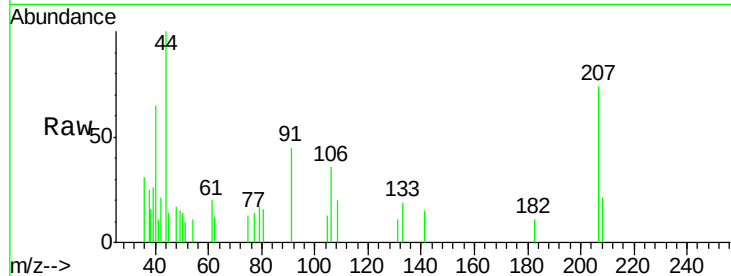




#69
o-Xylene
Concen: 0.015 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

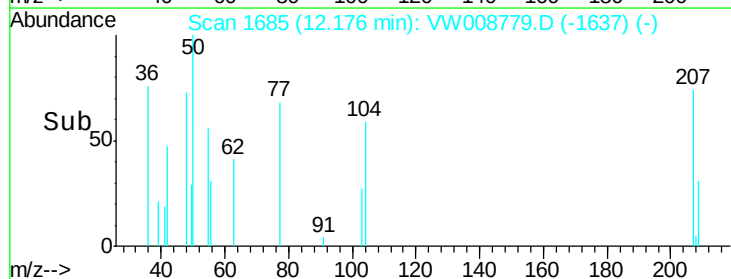
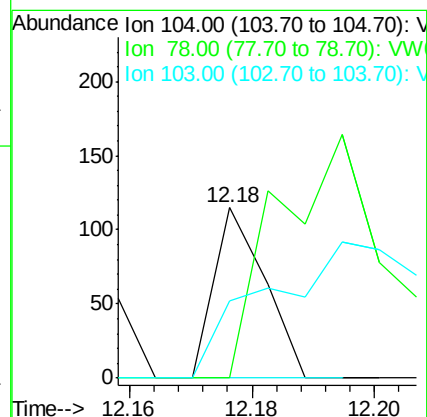
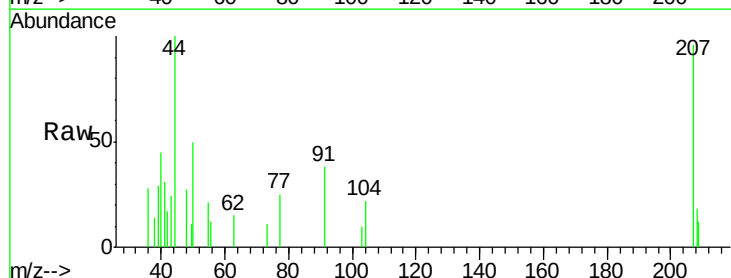
Instrument :
MSVOA_W
ClientSampled :
RT-3422

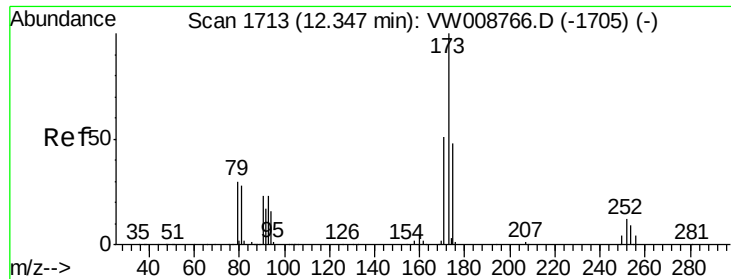
Tot Ion:106 Resp: 107
Ion Ratio Lower Upper
106 100
91 316.8 106.2 318.6



#70
Styrene
Concen: 0.006 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW008779.D
Acq: 21 Feb 2019 19:30

Tgt Ion:104 Resp: 65
Ion Ratio Lower Upper
104 100
78 0.0 40.8 61.2#
103 0.0 44.2 66.2#





#71

Bromoform

Concen: 0.143 ug/l

RT: 12.60 min Scan# 1755

Delta R.T. 0.26 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

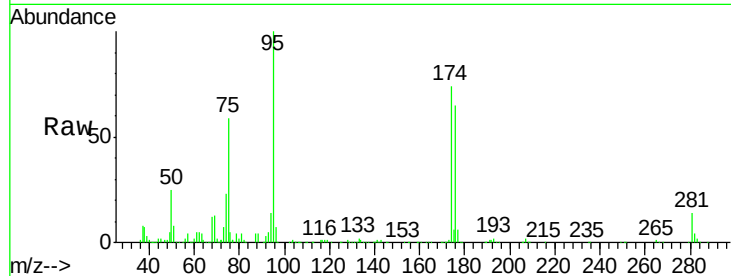
Tot Ion:173 Resp: 273

Ion Ratio Lower Upper

173 100

175 4070.3 24.2 72.6#

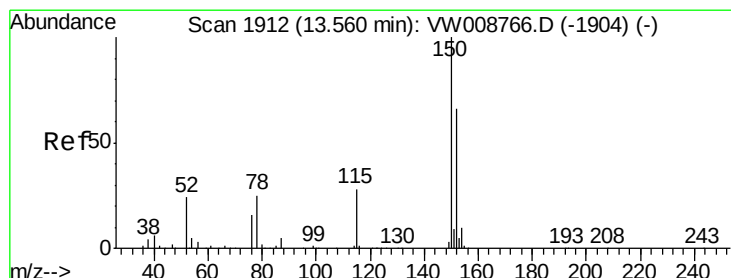
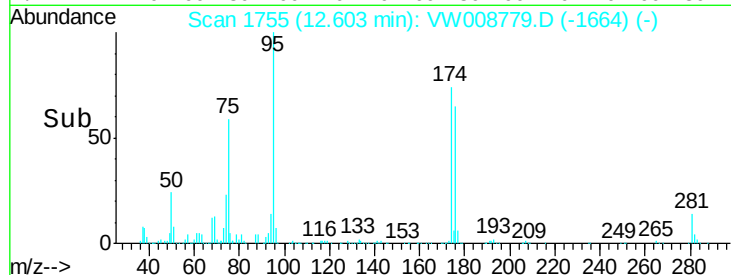
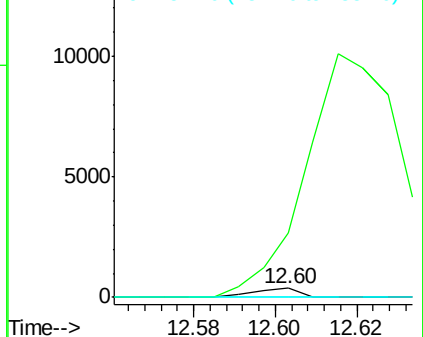
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

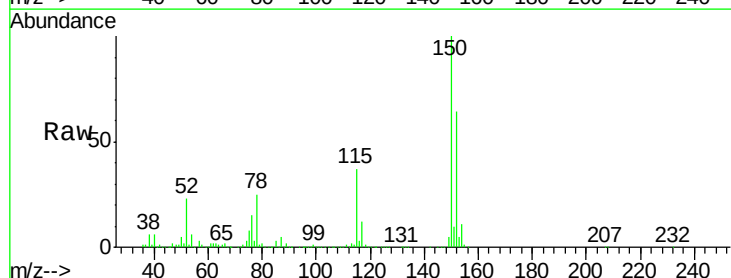
Tgt Ion:152 Resp: 242723

Ion Ratio Lower Upper

152 100

115 56.1 28.6 85.8

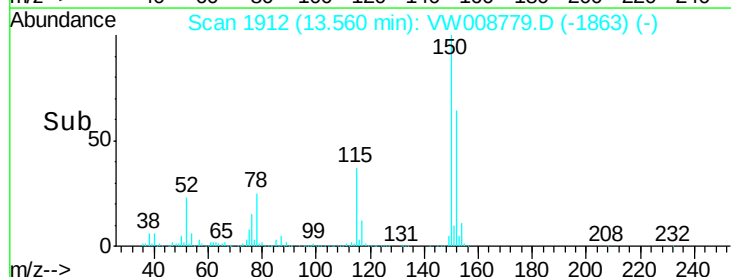
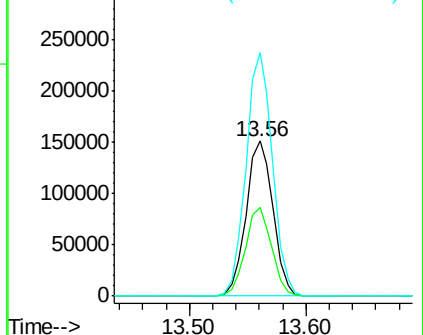
150 154.8 0.0 348.0

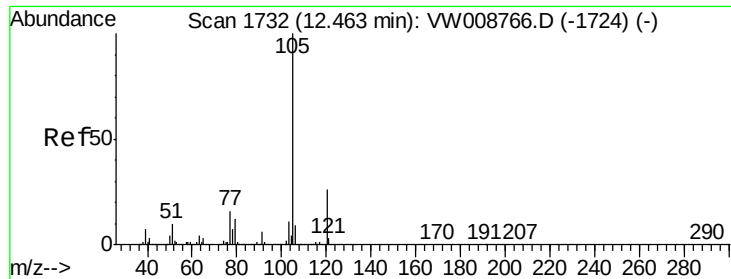


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.020 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

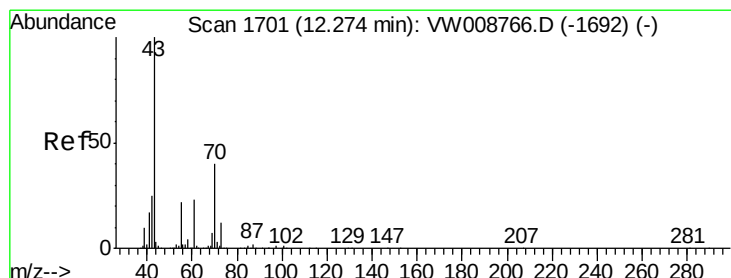
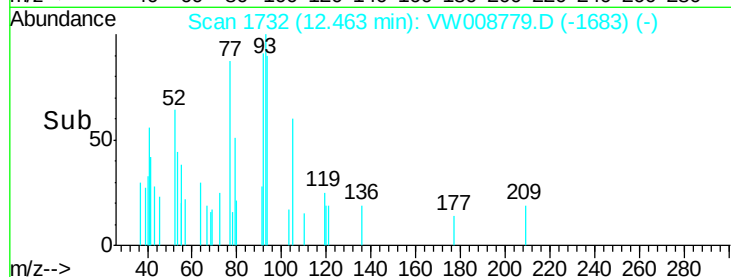
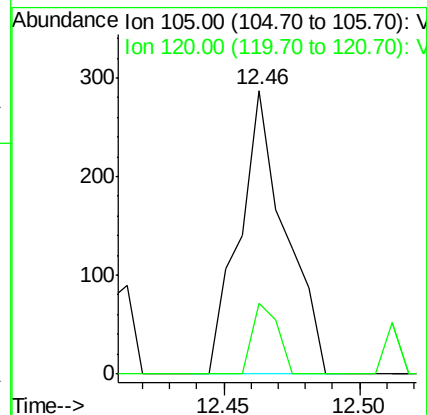
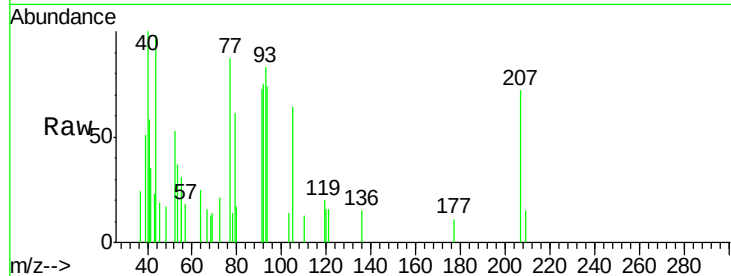
RT-3422

Tot Ion:105 Resp: 334

Ion Ratio Lower Upper

105 100

120 13.8 13.3 39.9



#74

N-ethyl acetate

Concen: 0.023 ug/l

RT: 12.29 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Tgt Ion: 43 Resp: 97

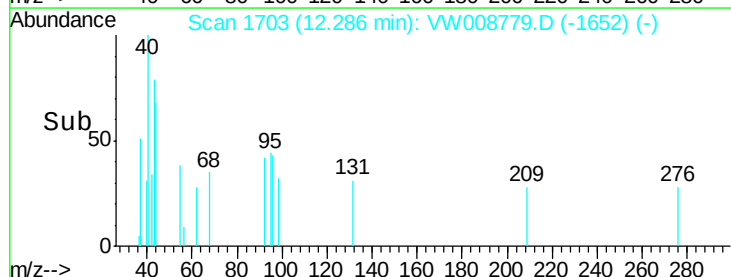
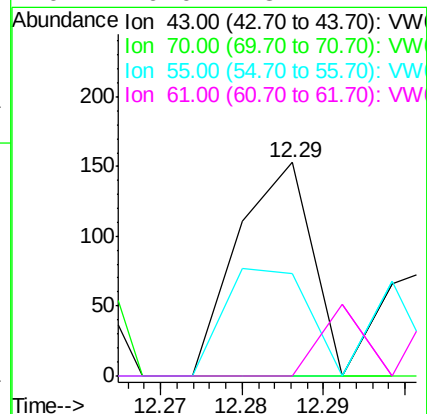
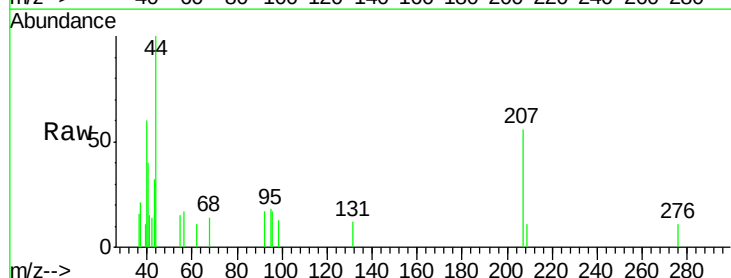
Ion Ratio Lower Upper

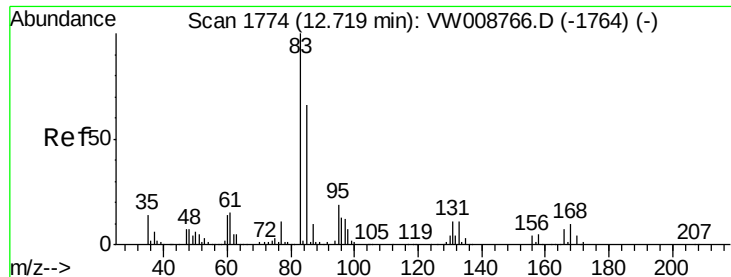
43 100

70 0.0 31.0 46.6#

55 56.7 18.7 28.1#

61 0.0 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.014 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

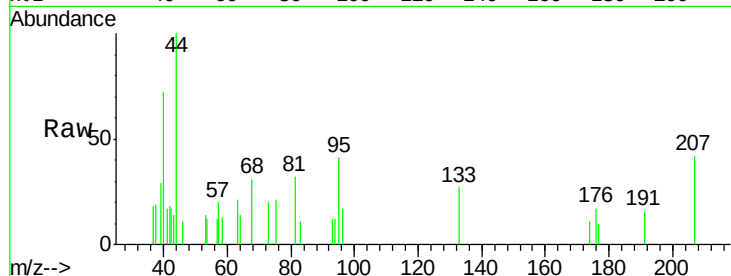
Tot Ion: 83 Resp: 37

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

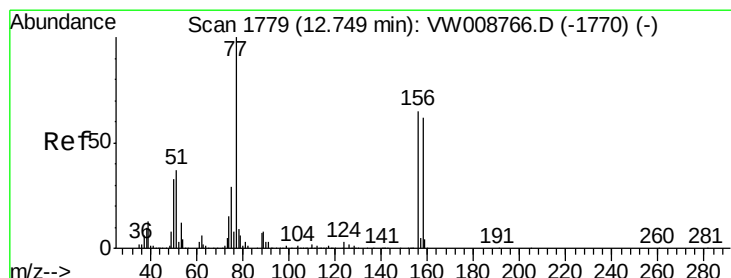
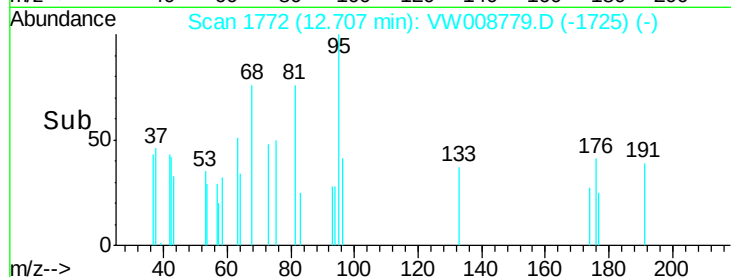
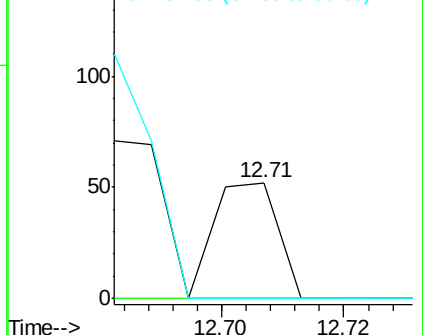
85 0.0 33.0 98.9#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#77

Bromobenzene

Concen: 0.013 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.12 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

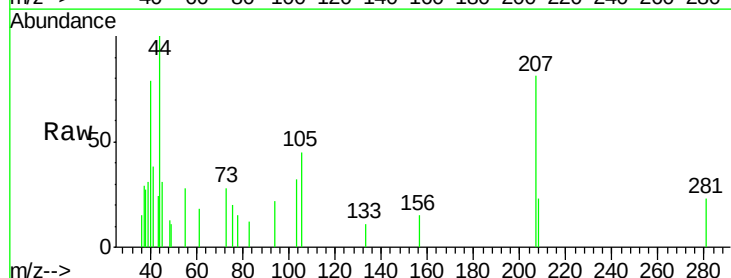
Tgt Ion: 156 Resp: 50

Ion Ratio Lower Upper

156 100

77 0.0 89.1 267.4#

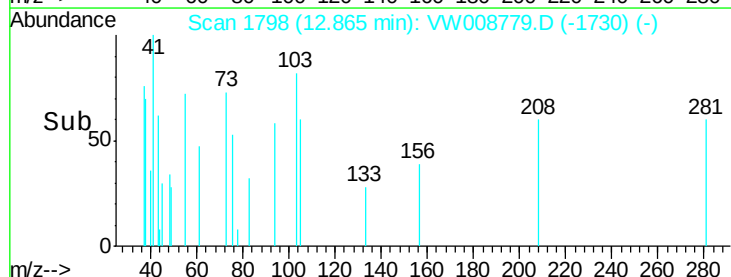
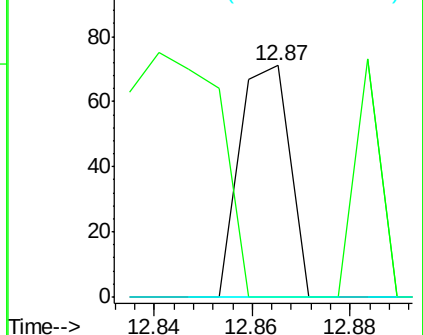
158 0.0 49.2 147.6#

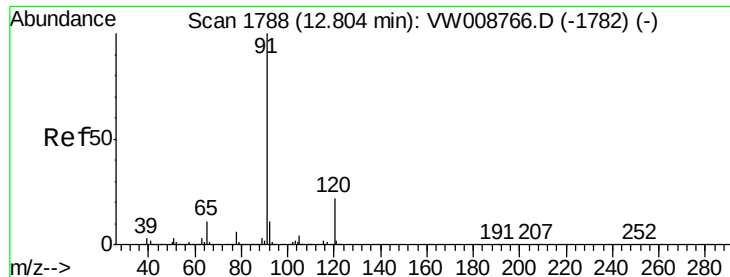


Abundance Ion 155.80 (155.50 to 156.50): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): VW





#78

n-propylbenzene

Concen: 0.020 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

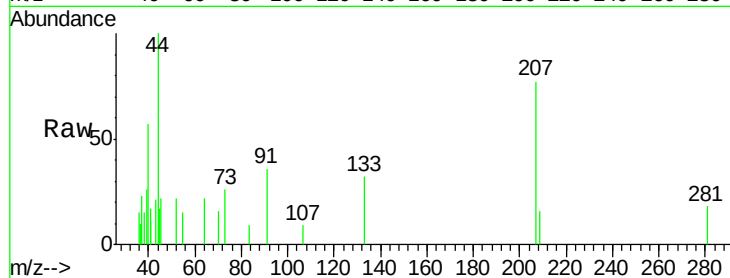
RT-3422

Tot Ion: 91 Resp: 416

Ion Ratio Lower Upper

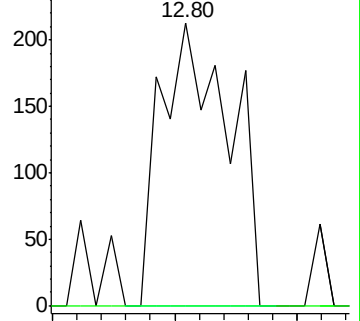
91 100

120 0.0 11.5 34.4#

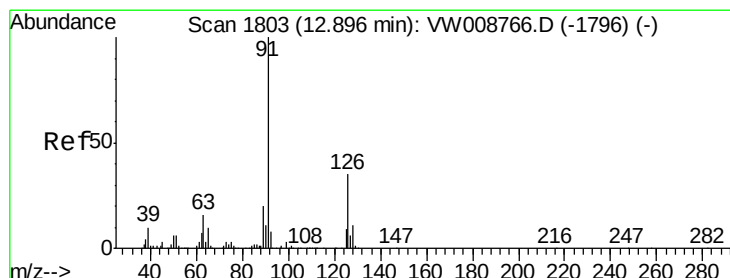
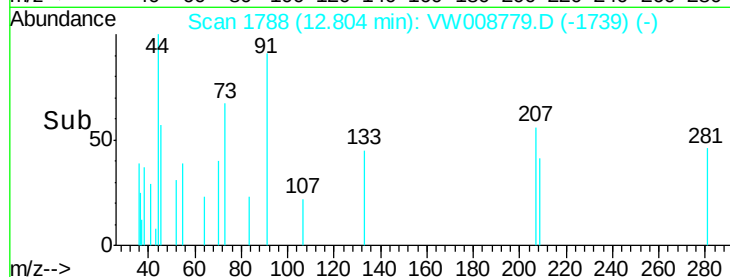


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



Time--> 12.75 12.80 12.85



#79

2-Chlorotoluene

Concen: 0.015 ug/l

RT: 12.88 min Scan# 1800

Delta R.T. -0.02 min

Lab File: VW008779.D

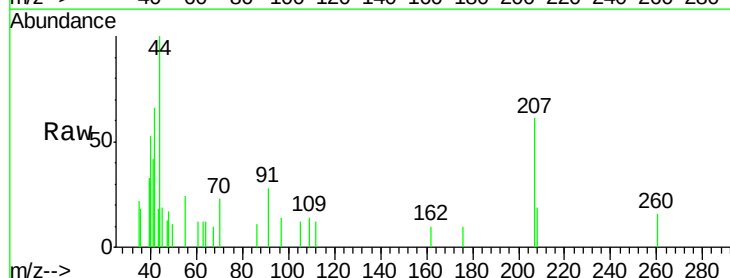
Acq: 21 Feb 2019 19:30

Tgt Ion: 91 Resp: 176

Ion Ratio Lower Upper

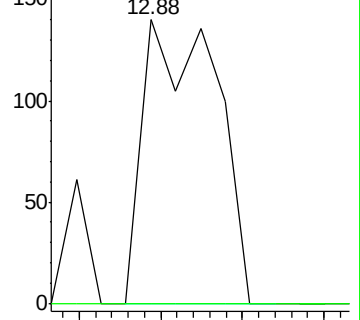
91 100

126 0.0 17.0 51.0#

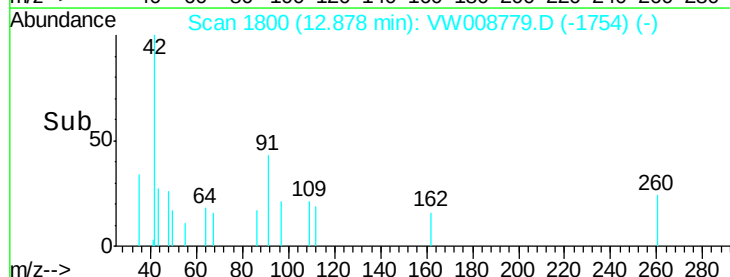


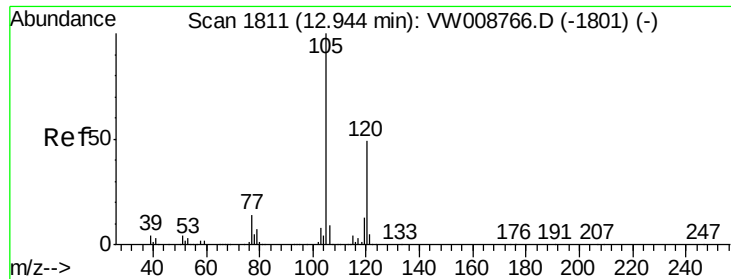
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time--> 12.86 12.88 12.90

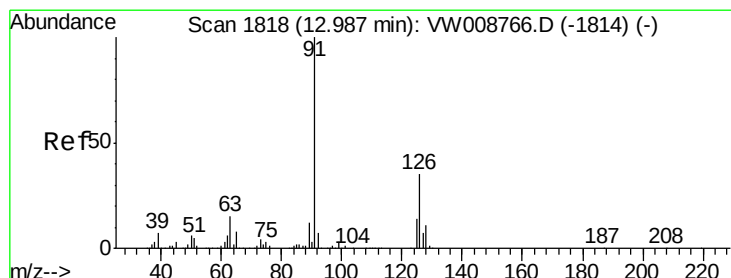
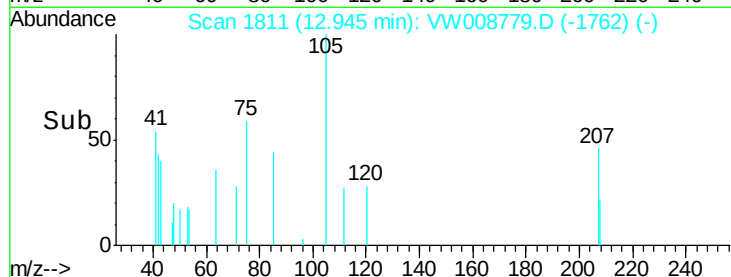
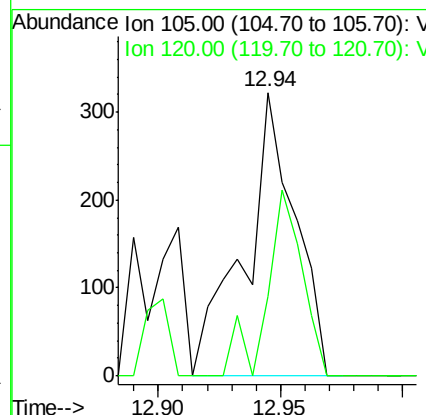
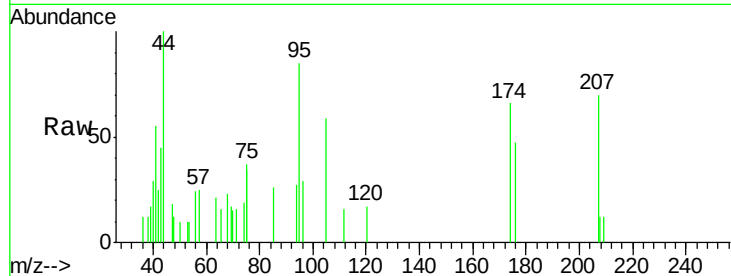




#80
 1,3,5-Trimethylbenzene
 Concen: 0.032 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

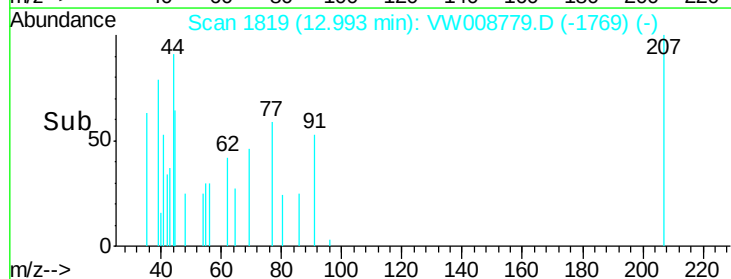
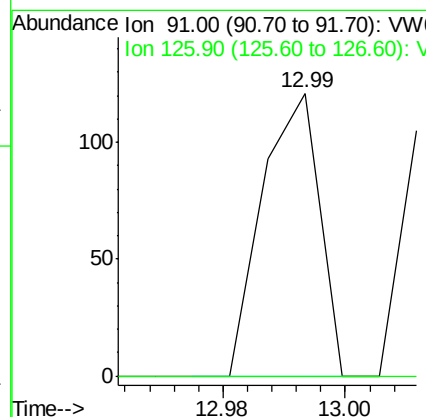
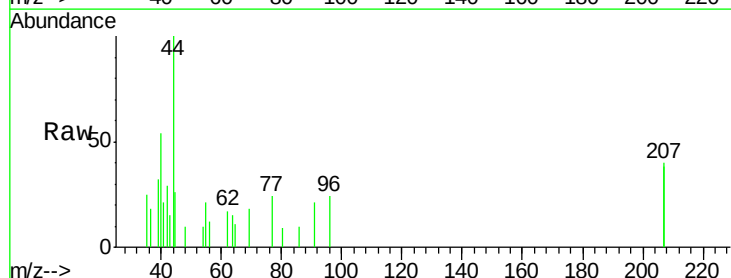
Instrument :
 MSVOA_W
 ClientSampled :
 RT-3422

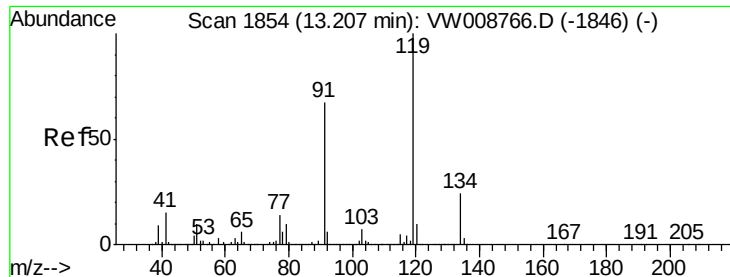
Tot Ion: 105 Resp: 463
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.8 74.4



#82
 4-Chlorotoluene
 Concen: 0.006 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

Tgt Ion: 91 Resp: 78
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.2 51.6#





#83

tert-Butylbenzene

Concen: 0.003 ug/l

RT: 13.13 min Scan# 1842

Delta R.T. -0.07 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

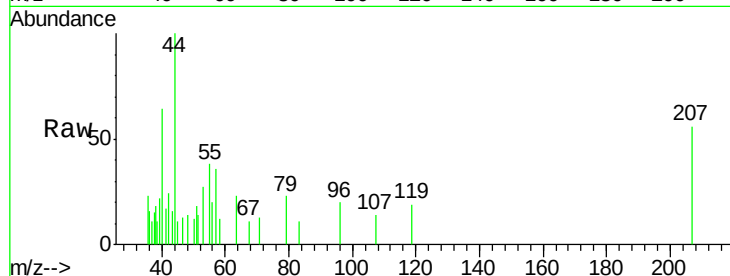
Tot Ion:119 Resp: 33

Ion Ratio Lower Upper

119 100

91 0.0 33.6 100.8#

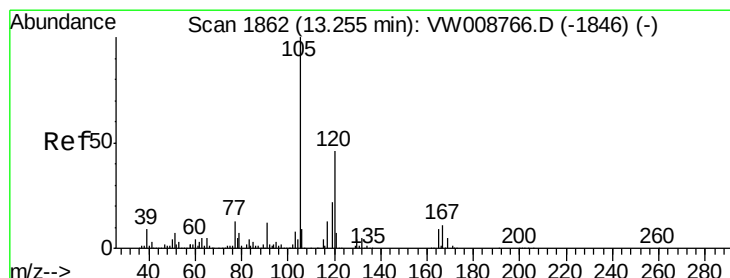
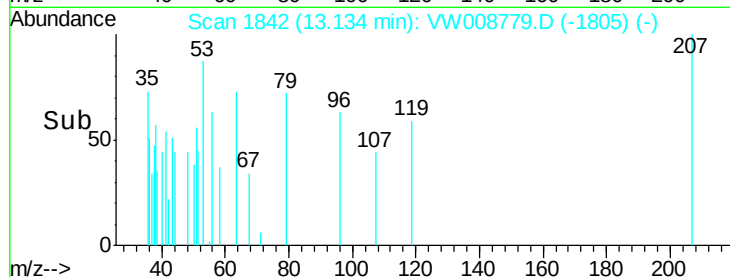
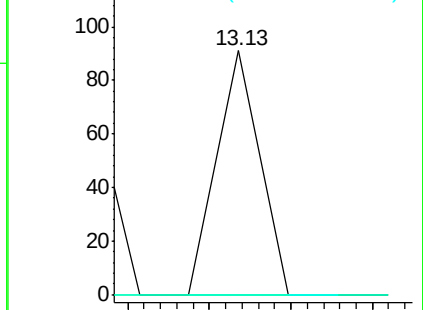
134 0.0 13.7 41.1#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.014 ug/l

RT: 13.10 min Scan# 1837

Delta R.T. -0.15 min

Lab File: VW008779.D

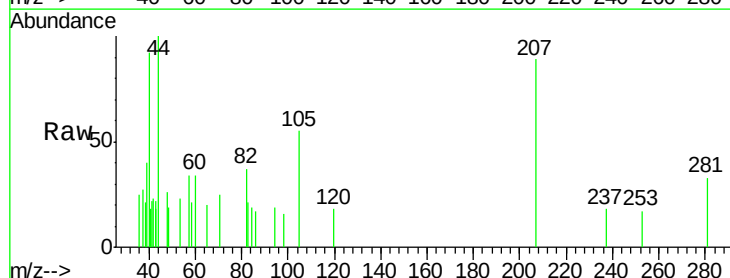
Acq: 21 Feb 2019 19:30

Tgt Ion:105 Resp: 206

Ion Ratio Lower Upper

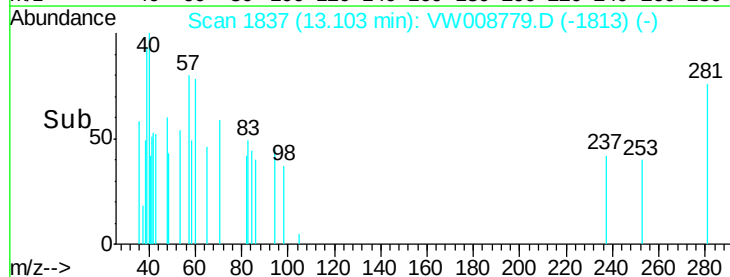
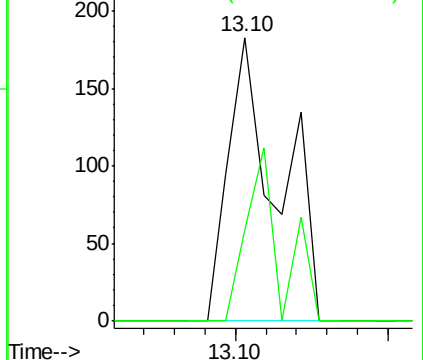
105 100

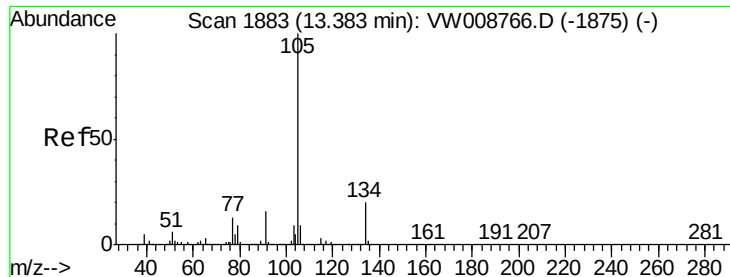
120 42.2 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.001 ug/l

RT: 13.46 min Scan# 1895

Delta R.T. 0.07 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

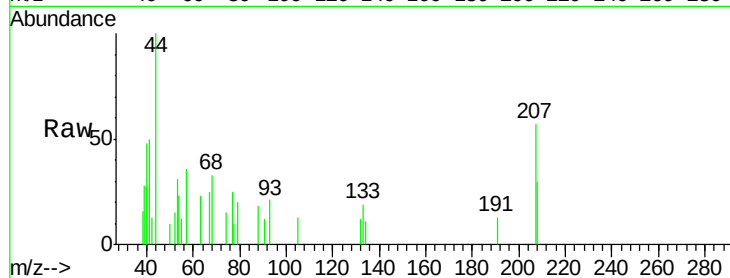
RT-3422

Tot Ion:105 Resp: 25

Ion Ratio Lower Upper

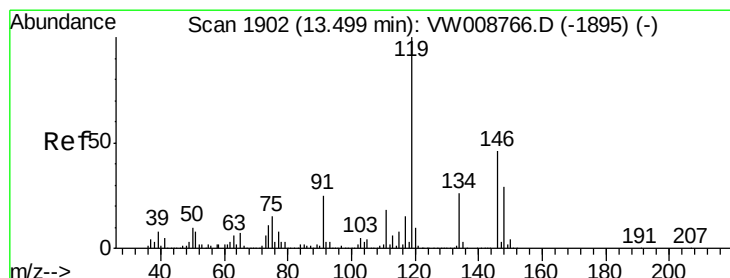
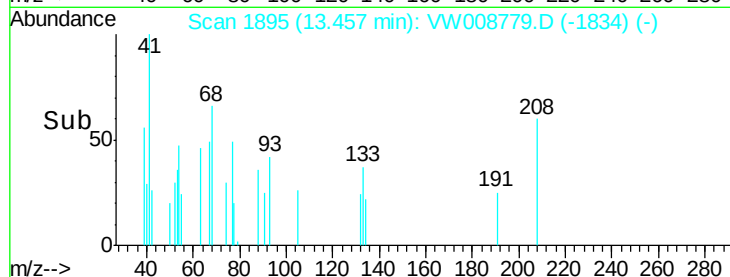
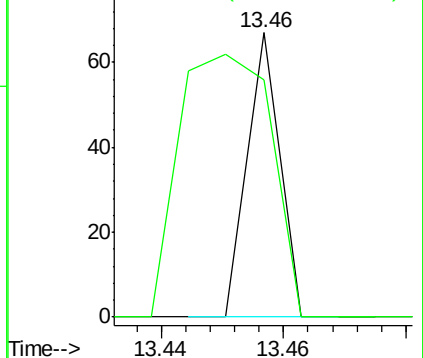
105 100

134 256.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.016 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

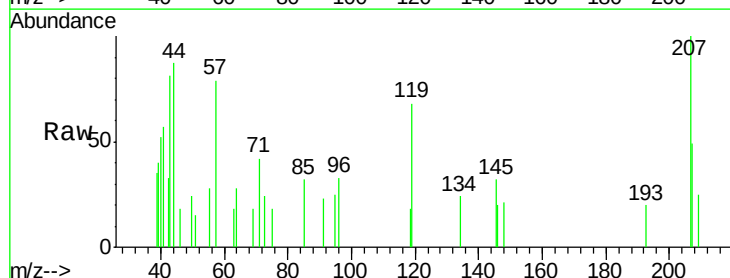
Tgt Ion:119 Resp: 266

Ion Ratio Lower Upper

119 100

134 33.8 13.1 39.3

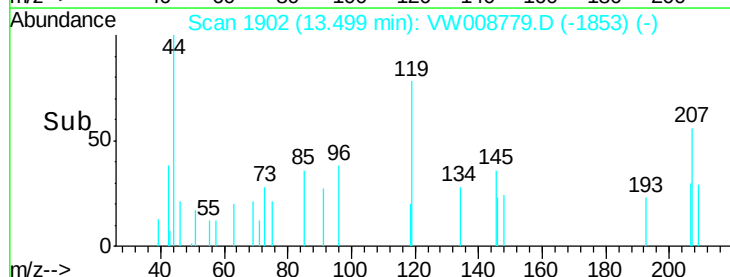
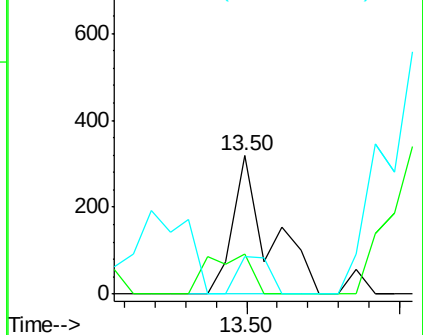
91 23.3 12.1 36.3

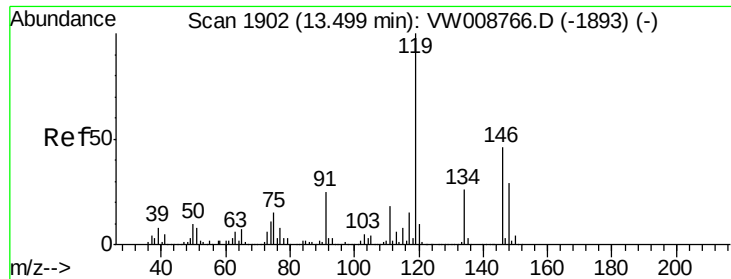


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

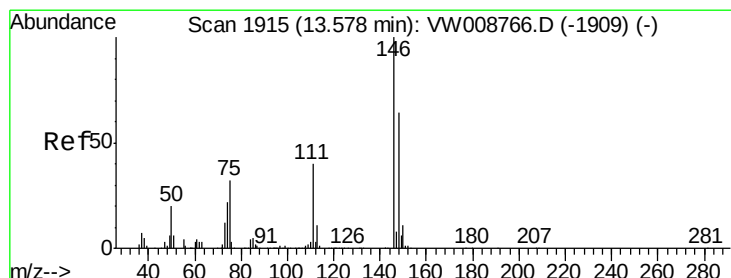
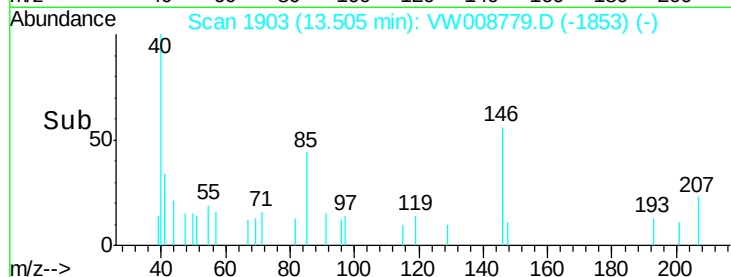
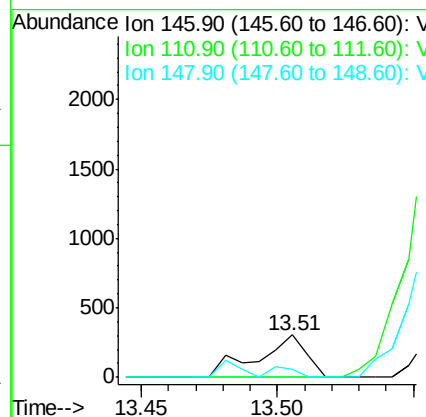
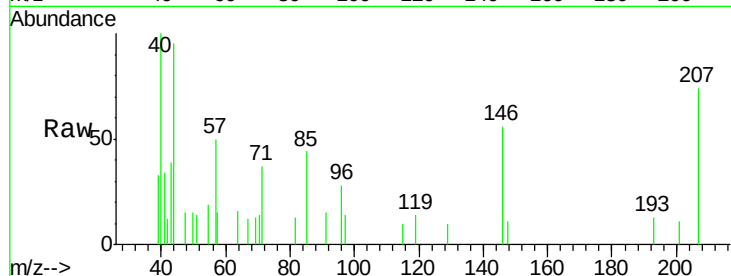




#87
 1,3-Dichlorobenzene
 Concen: 0.045 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

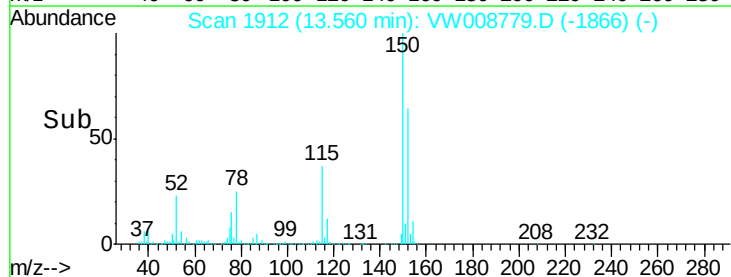
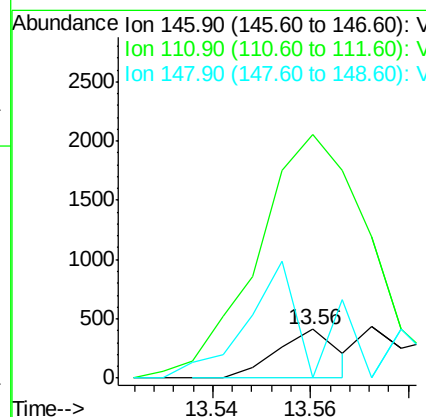
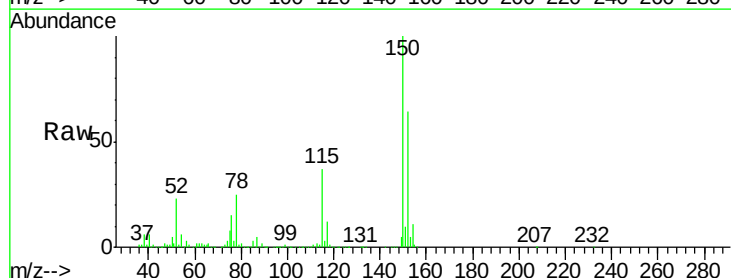
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

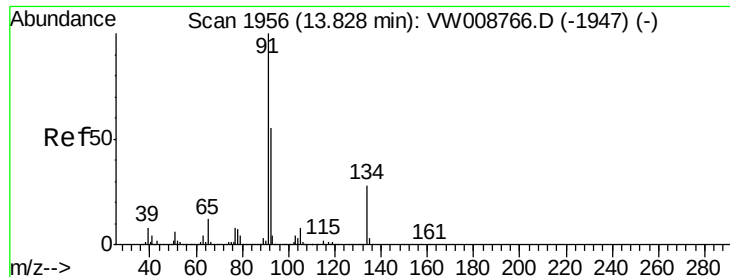
Tot Ion:146 Resp: 371
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.9 59.7#
 148 13.5 31.6 94.8#



#88
 1,4-Dichlorobenzene
 Concen: 0.044 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

Tgt Ion:146 Resp: 357
 Ion Ratio Lower Upper
 146 100
 111 929.1 19.3 57.9#
 148 316.8 31.9 95.9#





#89

n-Butylbenzene

Concen: 0.015 ug/l

RT: 13.81 min Scan# 1953

Delta R.T. -0.02 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

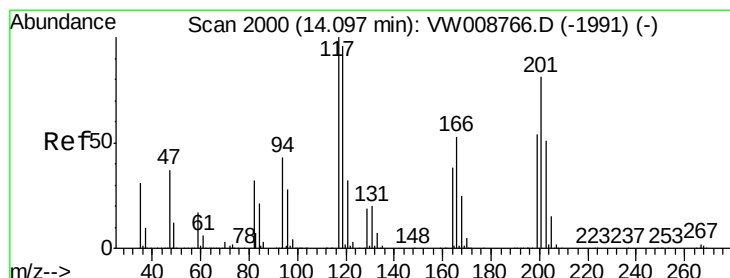
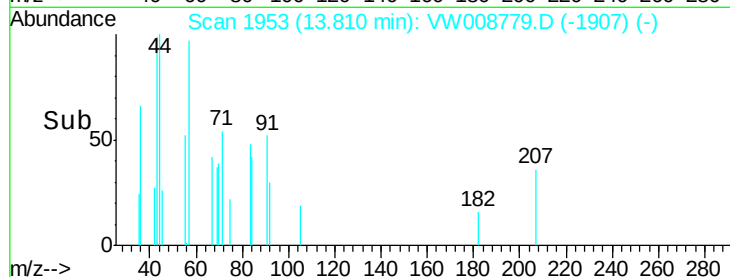
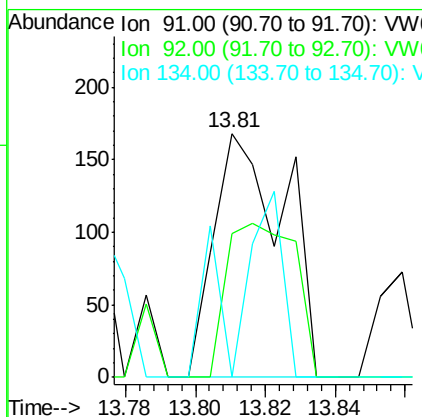
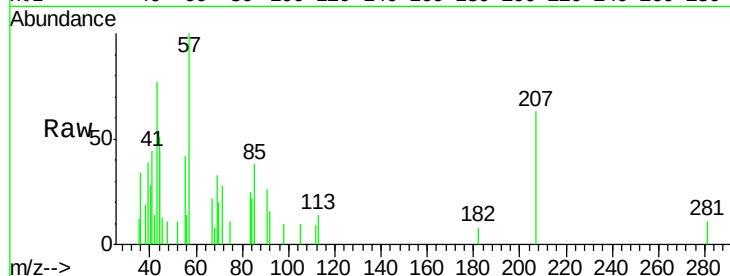
Instrument :

MSVOA_W

ClientSampleId :

RT-3422

Tot Ion:	91	Resp:	235
Ion	Ratio	Lower	Upper
91	100		
92	61.7	26.8	80.4
134	50.6	13.5	40.4#



#90

Hexachloroethane

Concen: 0.016 ug/l

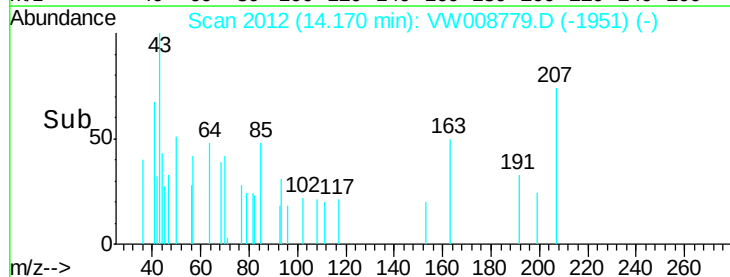
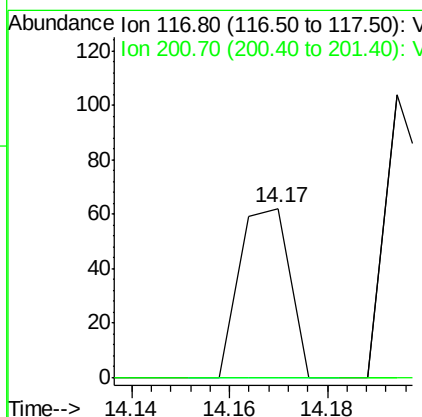
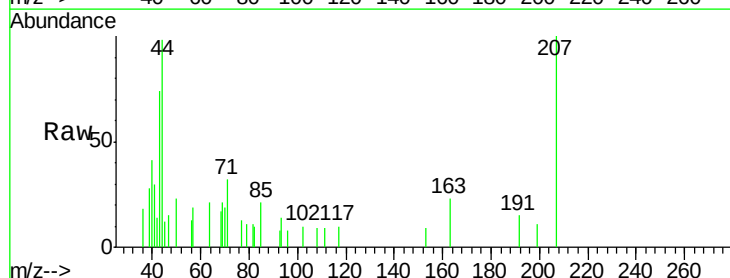
RT: 14.17 min Scan# 2012

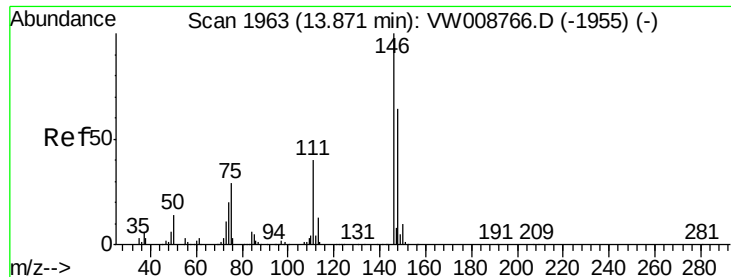
Delta R.T. 0.07 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Tgt Ion:	117	Resp:	44
Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.3	120.8#





#91

1,2-Dichlorobenzene

Concen: 0.032 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

RT-3422

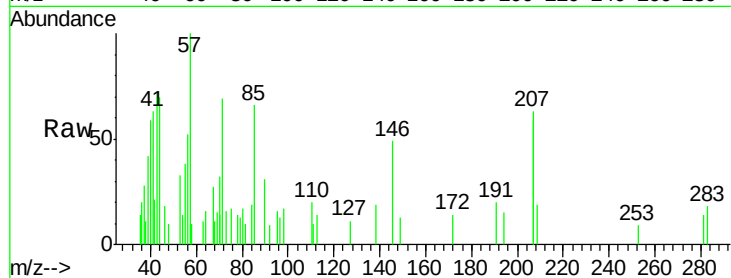
Tot Ion:146 Resp: 236

Ion Ratio Lower Upper

146 100

111 67.4 20.3 60.8#

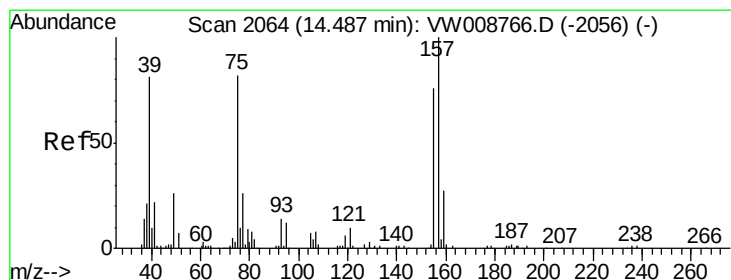
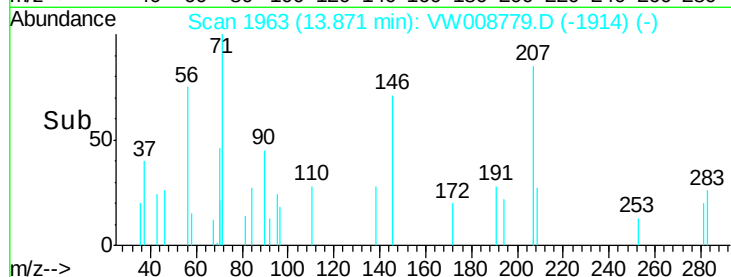
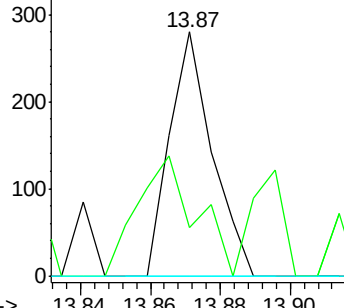
148 0.0 32.5 97.5#



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: 0.120 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW008779.D

Acq: 21 Feb 2019 19:30

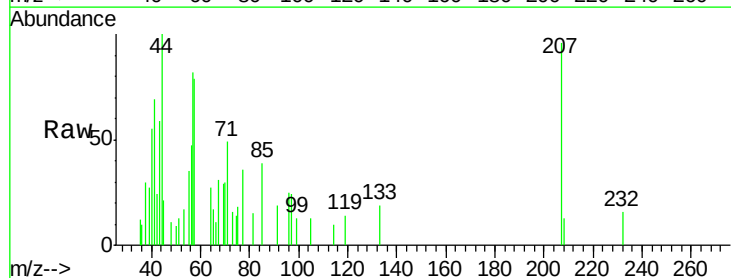
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 0.0 41.8 125.4#

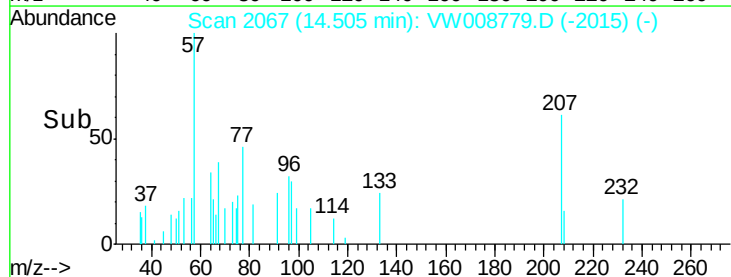
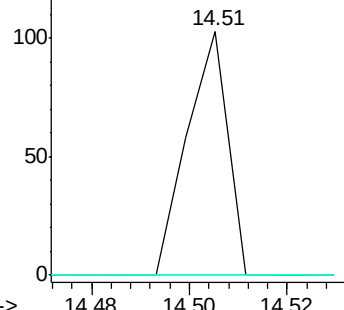
157 0.0 56.6 169.9#

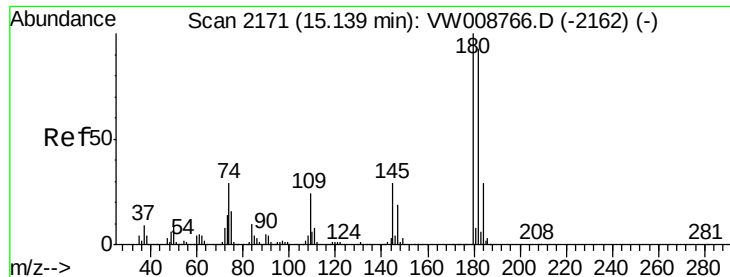


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

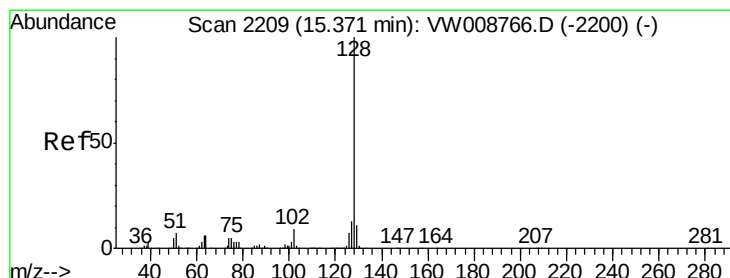
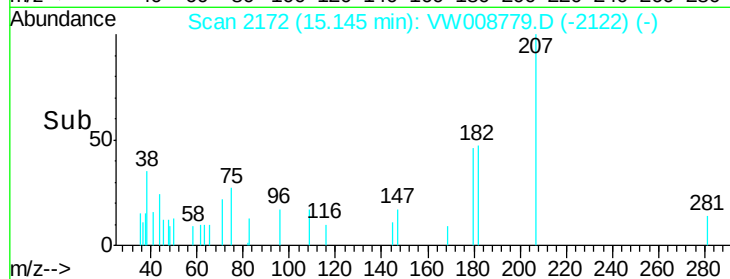
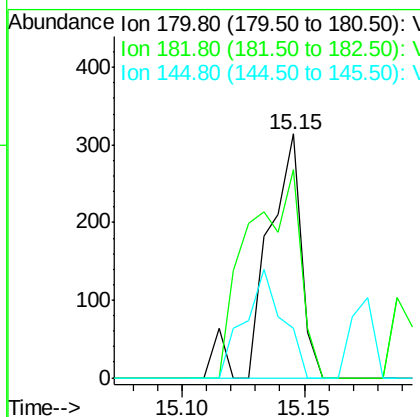
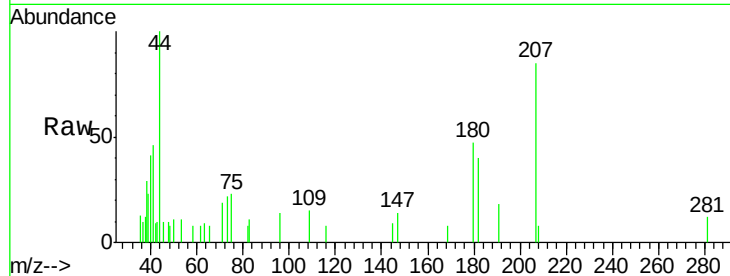




#93
 1,2,4-Trichlorobenzene
 Concen: 0.058 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

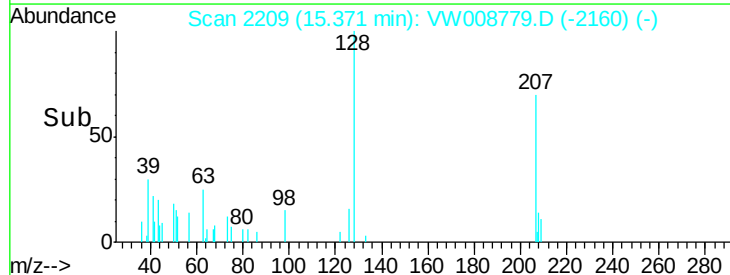
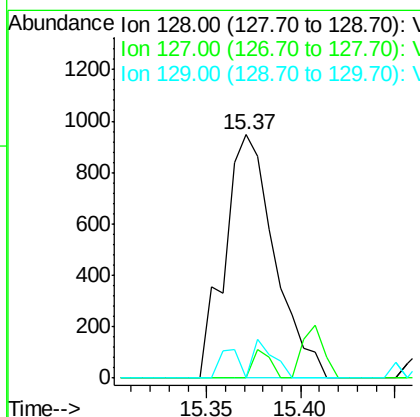
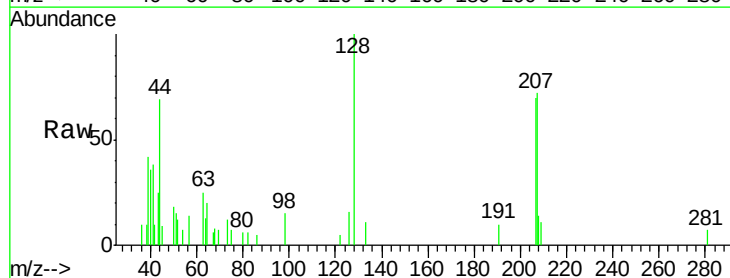
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

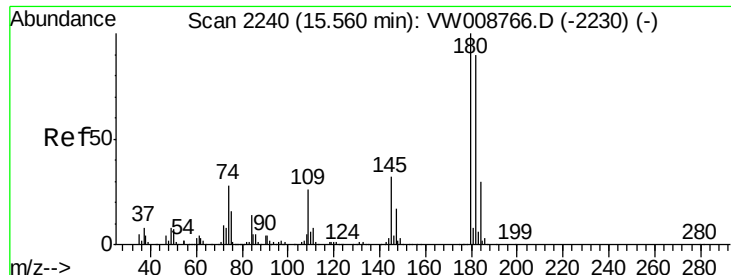
Tot Ion:180 Resp: 304
 Ion Ratio Lower Upper
 180 100
 182 128.9 47.2 141.6
 145 50.3 14.4 43.0#



#95
 Naphthalene
 Concen: 0.194 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

Tgt Ion:128 Resp: 1732
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 4.6 8.7 13.1#

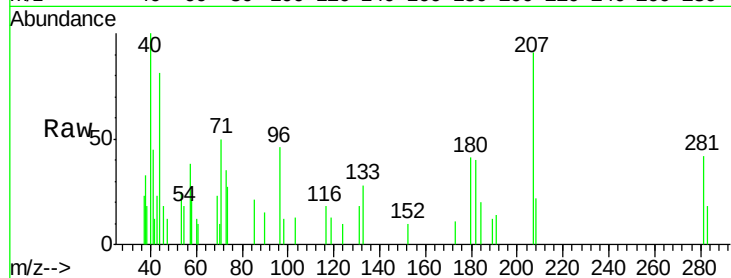




#96
 1,2,3-Trichlorobenzene
 Concen: 0.058 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW008779.D
 Acq: 21 Feb 2019 19:30

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.1	46.9	140.8
145	26.1	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

