

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008803.D
 Acq On : 25 Feb 2019 13:35
 Operator : SY/VA
 Sample : VW0225SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBS01

Quant Time: Feb 26 03:57:27 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	320633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	238586	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	173383	57.65	ug/l	0.00
Spiked Amount			Recovery	=	115.30%	
35) Dibromofluoromethane	7.88	113	160473	58.03	ug/l	0.00
Spiked Amount			Recovery	=	116.06%	
50) Toluene-d8	10.32	98	604785	56.65	ug/l	0.00
Spiked Amount			Recovery	=	113.30%	
62) 4-Bromofluorobenzene	12.62	95	234407	56.08	ug/l	0.00
Spiked Amount			Recovery	=	112.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	64584	20.111	ug/l	95
3) Chloromethane	2.21	50	83523	21.366	ug/l	99
4) Vinyl Chloride	2.36	62	84120	20.324	ug/l	99
5) Bromomethane	2.76	94	70476	22.925	ug/l	98
6) Chloroethane	2.91	64	58487	19.900	ug/l	96
7) Trichlorofluoromethane	3.26	101	112871	21.562	ug/l	95
8) Diethyl Ether	3.68	74	33625	20.290	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70413	22.151	ug/l	98
10) Methyl Iodide	4.27	142	78229	19.680	ug/l	99
11) Tert butyl alcohol	5.18	59	28478	106.370	ug/l	98
12) 1,1-Dichloroethene	4.04	96	59747	21.282	ug/l	95
13) Acrolein	3.90	56	22419	92.888	ug/l	92
14) Allyl chloride	4.67	41	101285	20.904	ug/l	95
15) Acrylonitrile	5.37	53	71449	100.458	ug/l	99
16) Acetone	4.13	43	72282	103.696	ug/l	97
17) Carbon Disulfide	4.38	76	187713	20.153	ug/l	97
18) Methyl Acetate	4.68	43	32039	19.378	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	163482	21.515	ug/l	98
20) Methylene Chloride	4.91	84	80859	20.537	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	66762	20.559	ug/l	99
22) Diisopropyl ether	6.32	45	206266	21.341	ug/l	98
23) Vinyl Acetate	6.26	43	641153	107.363	ug/l	99
24) 1,1-Dichloroethane	6.22	63	120481	21.511	ug/l	99
25) 2-Butanone	7.17	43	100564	103.192	ug/l	98
26) 2,2-Dichloropropane	7.17	77	113781	22.376	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	73711	21.220	ug/l	99
28) Bromochloromethane	7.51	49	51235	21.860	ug/l	98
29) Tetrahydrofuran	7.53	42	62280	100.283	ug/l	98
30) Chloroform	7.68	83	123262	21.452	ug/l	99
31) Cyclohexane	7.95	56	122231	21.560	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	114912	21.992	ug/l	98
36) 1,1-Dichloropropene	8.08	75	100082	22.321	ug/l	99
37) Ethyl Acetate	7.25	43	44833	21.502	ug/l	97
38) Carbon Tetrachloride	8.07	117	105570	22.326	ug/l	95

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Quant Time: Feb 26 03:57:27 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.34	83	117228	20.961	ug/l	94
40) Benzene	8.32	78	264002	21.565	ug/l	99
41) Methacrylonitrile	7.49	41	26505	21.626	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	83886	21.631	ug/l	99
43) Isopropyl Acetate	8.43	43	84289	20.255	ug/l	98
44) Trichloroethene	9.09	130	75423	21.870	ug/l	98
45) 1,2-Dichloropropane	9.37	63	65636	21.696	ug/l	100
46) Dibromomethane	9.46	93	36024	21.408	ug/l	98
47) Bromodichloromethane	9.65	83	91282	22.296	ug/l	96
48) Methyl methacrylate	9.43	41	37847	18.989	ug/l	94
49) 1,4-Dioxane	9.46	88	9907	367.641	ug/l #	67
51) 4-Methyl-2-Pentanone	10.21	43	209768	99.288	ug/l	98
52) Toluene	10.39	92	172702	20.786	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	90117	21.595	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	103465	21.739	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	51150	22.414	ug/l	97
56) Ethyl methacrylate	10.65	69	59148	19.950	ug/l	99
57) 1,3-Dichloropropane	10.93	76	84297	20.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	164563	110.358	ug/l	99
59) 2-Hexanone	10.97	43	151503	100.738	ug/l	99
60) Dibromochloromethane	11.13	129	61168	21.975	ug/l	97
61) 1,2-Dibromoethane	11.24	107	48915	21.655	ug/l	96
64) Tetrachloroethene	10.86	164	66011	21.313	ug/l	94
65) Chlorobenzene	11.66	112	193905	21.313	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	66099	21.487	ug/l	95
67) Ethyl Benzene	11.73	91	346709	21.318	ug/l	98
68) m/p-Xylenes	11.84	106	277007	42.628	ug/l	99
69) o-Xylene	12.17	106	130561	21.406	ug/l	99
70) Styrene	12.18	104	204513	20.841	ug/l	99
71) Bromoform	12.35	173	34028	20.579	ug/l #	98
73) Isopropylbenzene	12.47	105	349163	21.348	ug/l	98
74) N-amyl acetate	12.27	43	80071	19.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	55919	20.924	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40959m	20.793	ug/l	
77) Bromobenzene	12.75	156	83639	21.639	ug/l	96
78) n-propylbenzene	12.80	91	435285	21.756	ug/l	99
79) 2-Chlorotoluene	12.90	91	239732	21.105	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	300274	21.126	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	17481	21.574	ug/l	97
82) 4-Chlorotoluene	12.99	91	251724	21.029	ug/l	100
83) tert-Butylbenzene	13.21	119	268096	21.814	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	303897	20.654	ug/l	99
85) sec-Butylbenzene	13.38	105	379225	21.459	ug/l	100
86) p-Isopropyltoluene	13.50	119	336069	20.744	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	171228	21.352	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	168492	21.318	ug/l	99
89) n-Butylbenzene	13.83	91	321043	21.153	ug/l	100
90) Hexachloroethane	14.10	117	56934	21.468	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	149287	20.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9804	20.280	ug/l	94

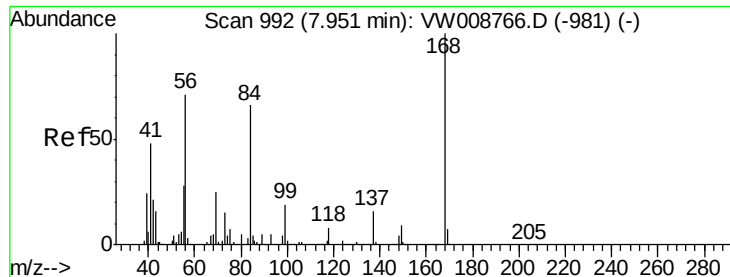
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	105018	20.399	ug/l	97
94) Hexachlorobutadiene	15.24	225	65731	21.675	ug/l	99
95) Naphthalene	15.38	128	172750	19.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	92826	20.854	ug/l	99

(#) = 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: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

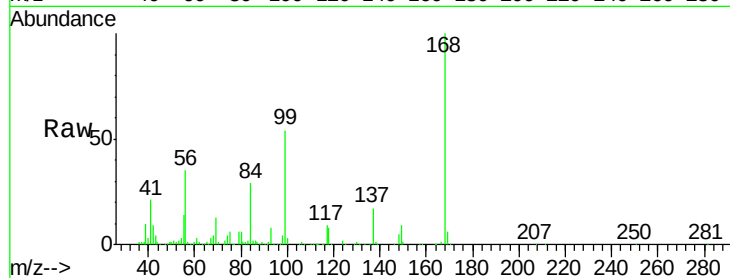
VW0225SBSD01

Tot Ion:168 Resp: 320633

Ion Ratio Lower Upper

168 100

99 53.5 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

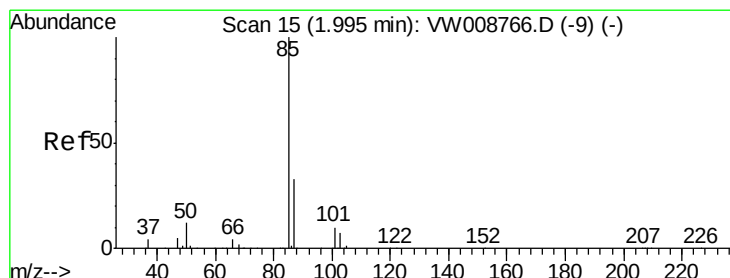
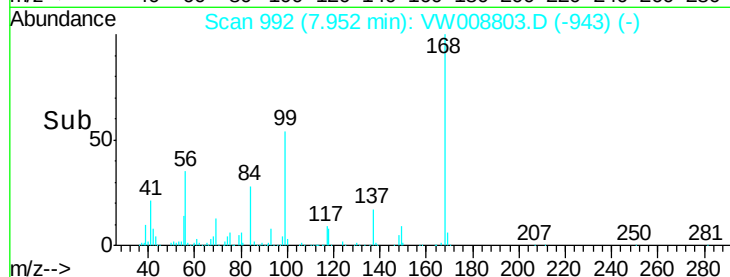
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.111 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008803.D

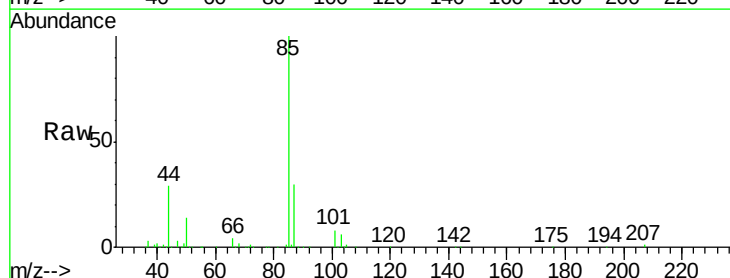
Acq: 25 Feb 2019 13:35

Tgt Ion: 85 Resp: 64584

Ion Ratio Lower Upper

85 100

87 29.8 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

50000

40000

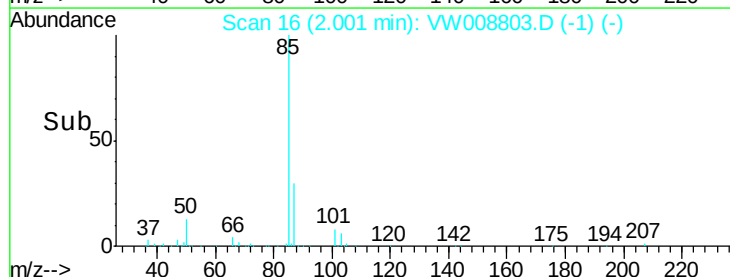
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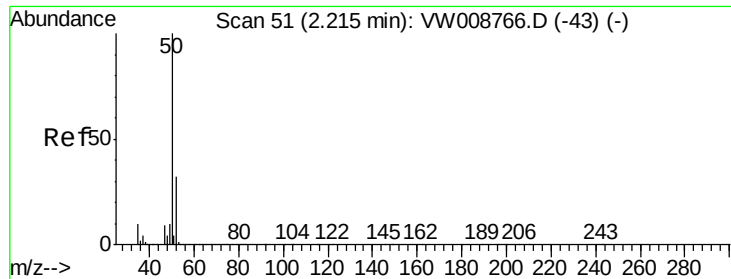
20000

10000

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Time-->





#3

Chloromethane

Concen: 21.366 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

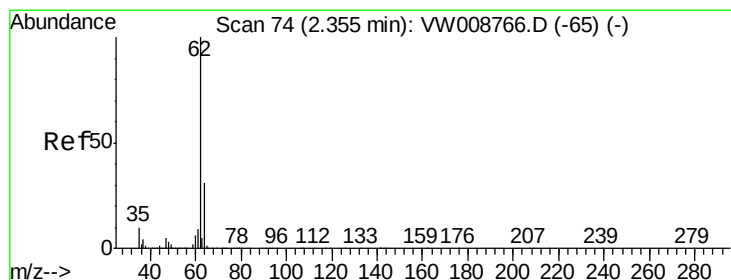
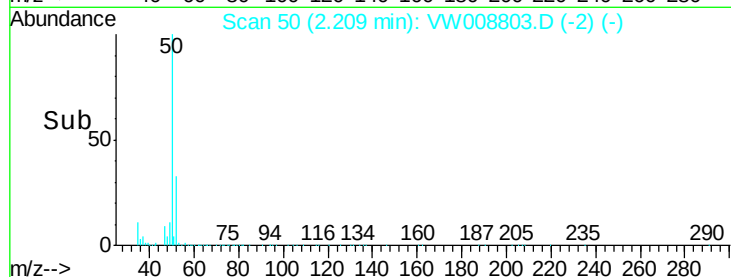
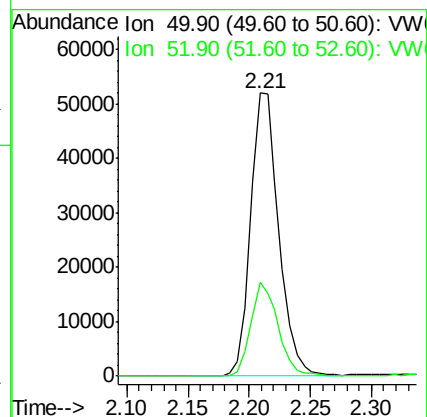
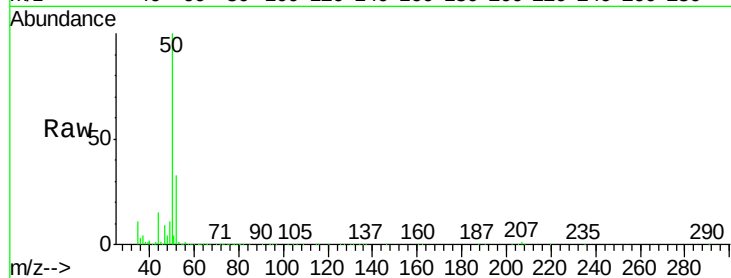
VW0225SBSD01

Tot Ion: 50 Resp: 83523

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



#4

Vinyl Chloride

Concen: 20.324 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008803.D

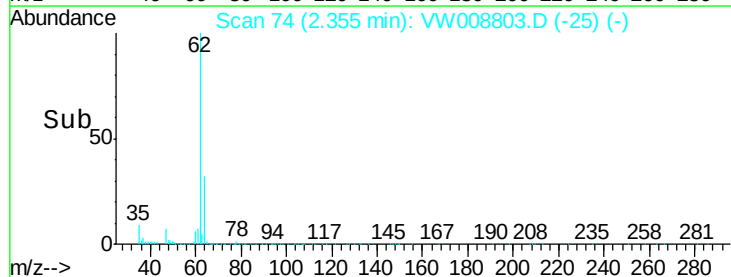
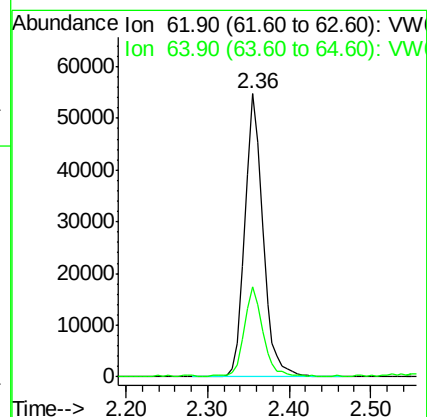
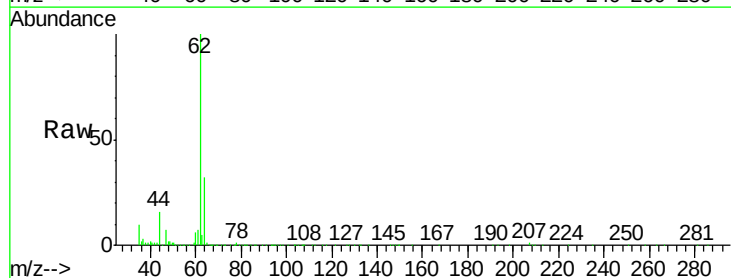
Acq: 25 Feb 2019 13:35

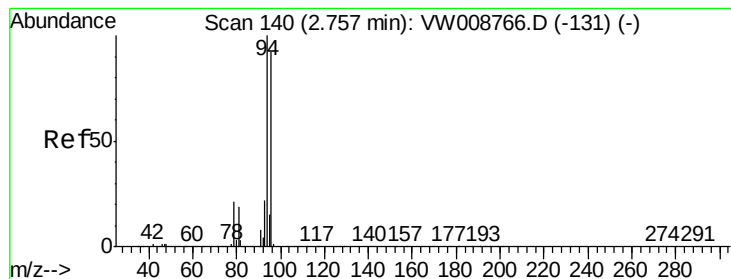
Tgt Ion: 62 Resp: 84120

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3





#5

Bromomethane

Concen: 22.925 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

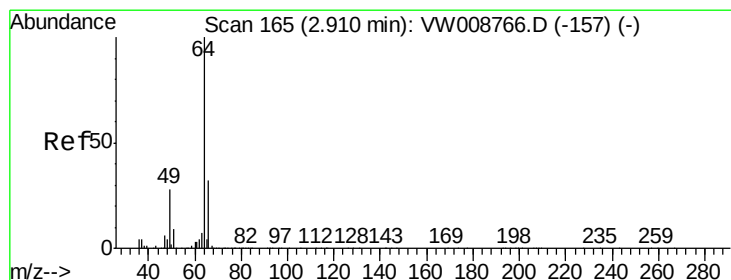
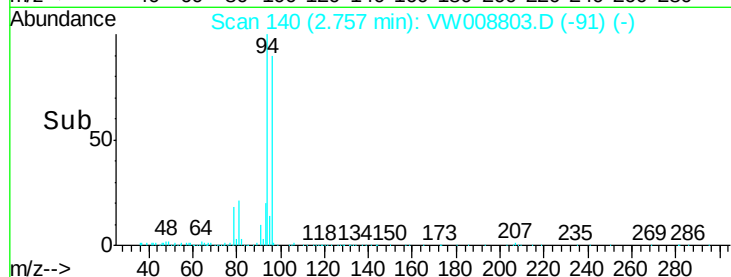
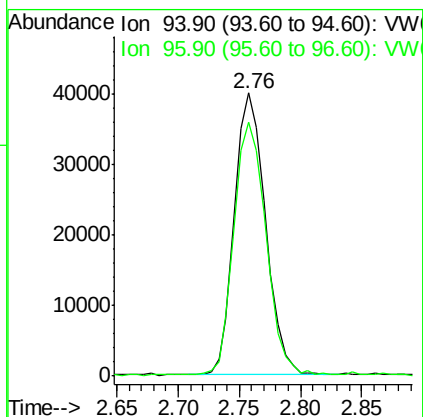
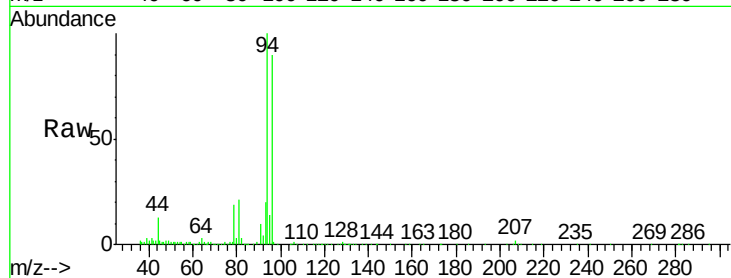
VW0225SBSD01

Tot Ion: 94 Resp: 70476

Ion Ratio Lower Upper

94 100

96 89.4 73.4 110.2



#6

Chloroethane

Concen: 19.900 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008803.D

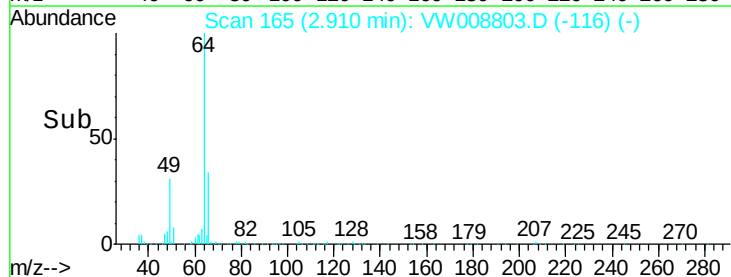
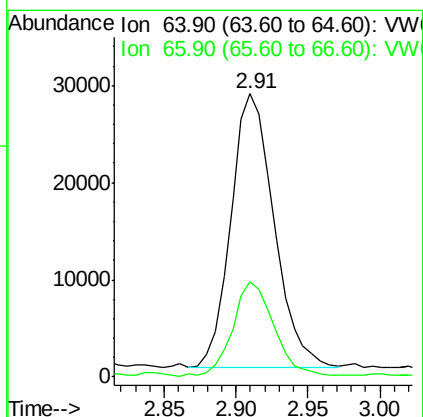
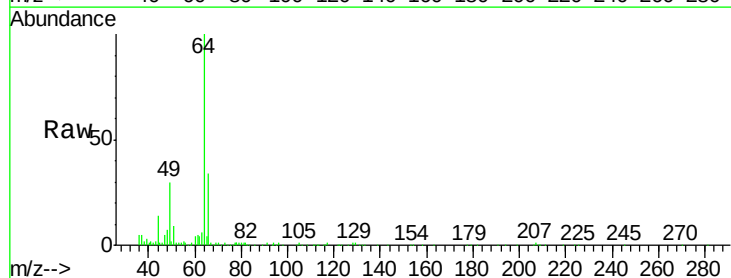
Acq: 25 Feb 2019 13:35

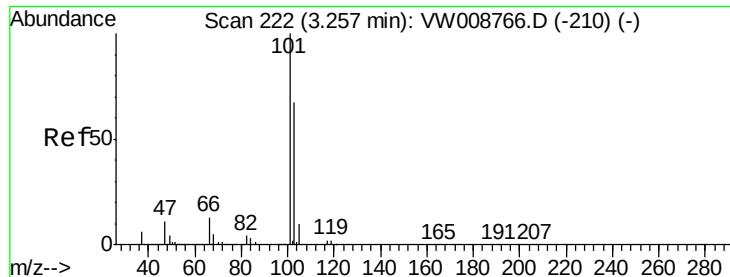
Tgt Ion: 64 Resp: 58487

Ion Ratio Lower Upper

64 100

66 34.0 25.5 38.3



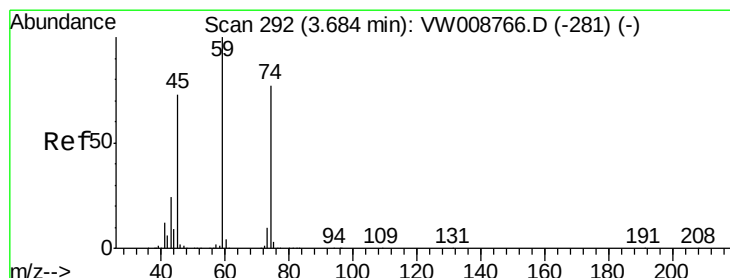
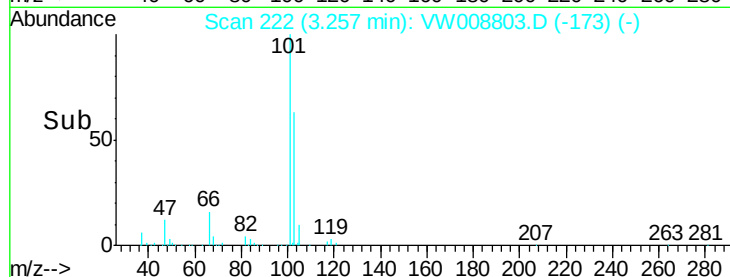
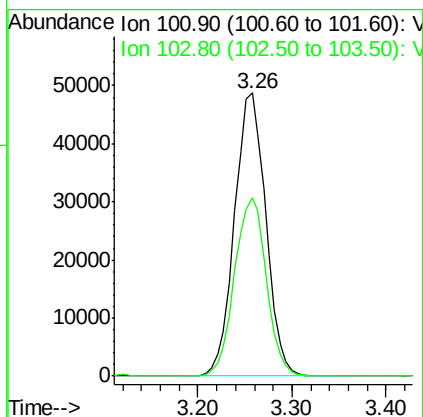
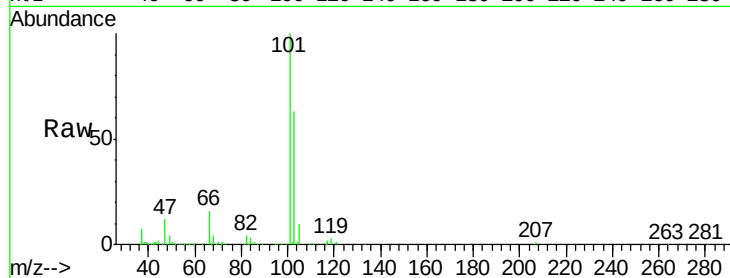


#7

Trichlorofluoromethane
 Concen: 21.562 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Instrument :
 MSVOA_W
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 VW0225SBSD01

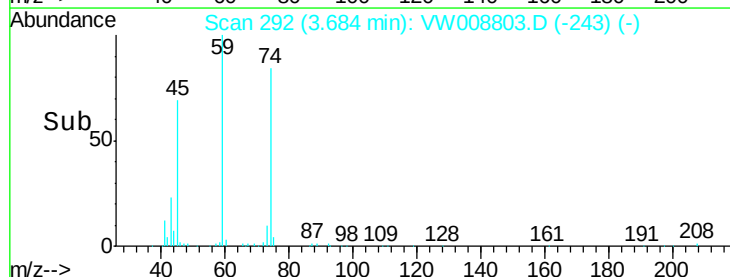
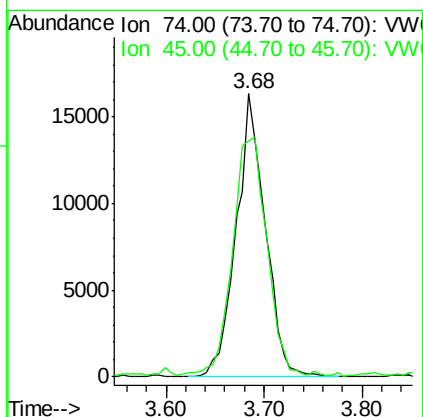
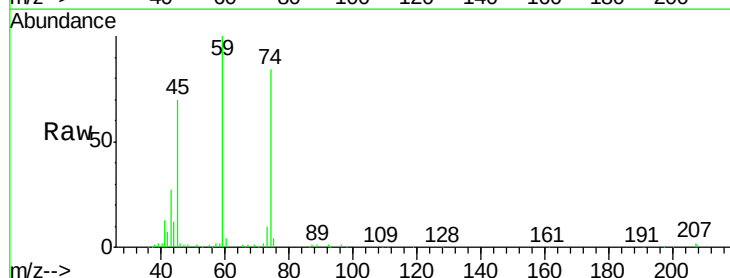
Tot Ion:101 Resp: 112871
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.9 80.9

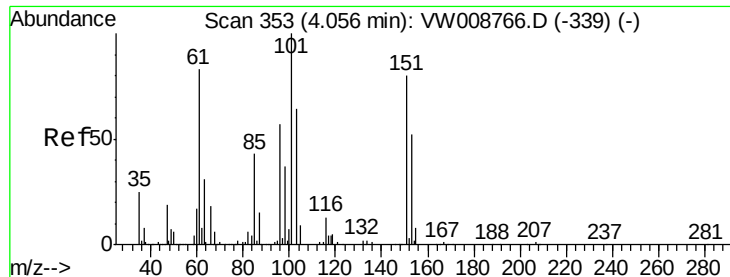


#8

Diethyl Ether
 Concen: 20.290 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion: 74 Resp: 33625
 Ion Ratio Lower Upper
 74 100
 45 99.5 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.151 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

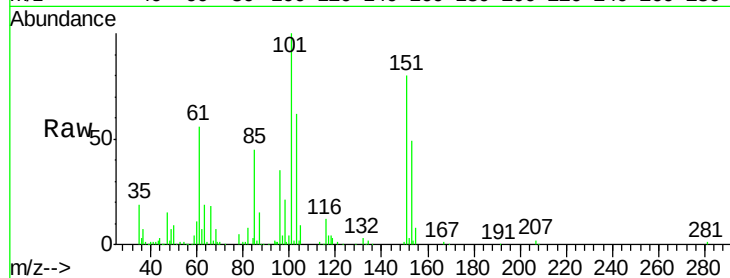
Tot Ion:101 Resp: 70413

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

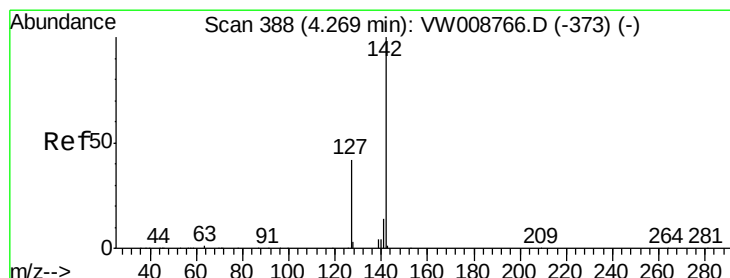
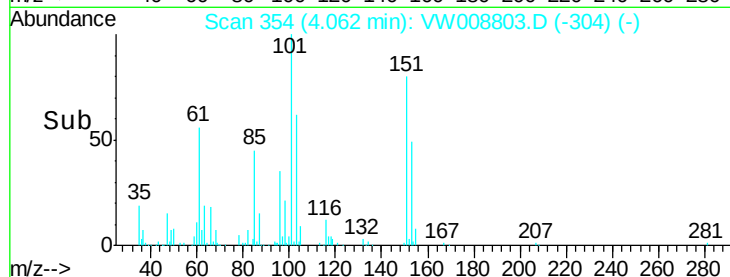
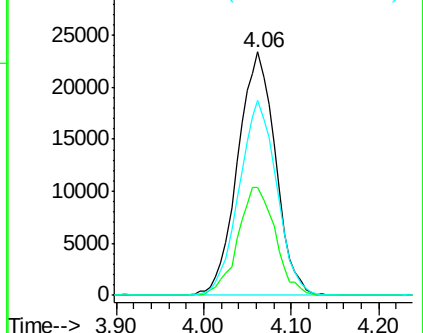
151 79.6 65.5 98.3



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: 19.680 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

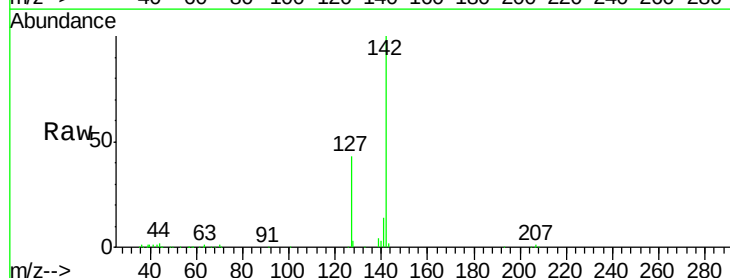
Tgt Ion:142 Resp: 78229

Ion Ratio Lower Upper

142 100

127 44.4 35.3 52.9

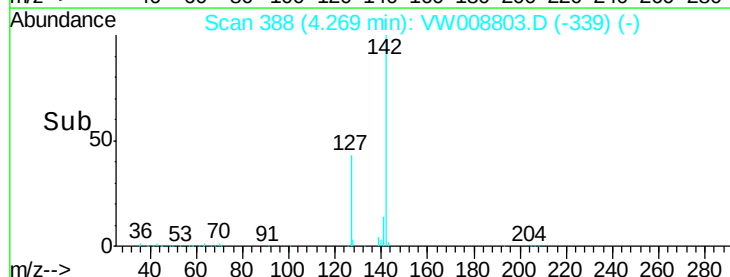
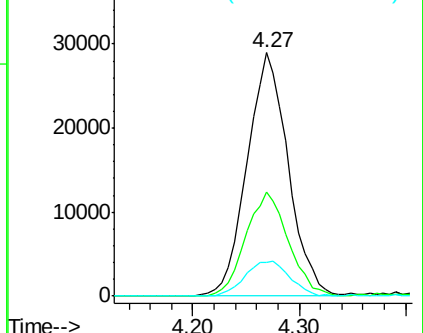
141 15.8 11.7 17.5

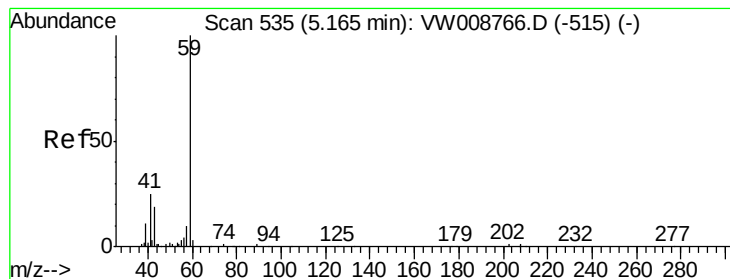


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



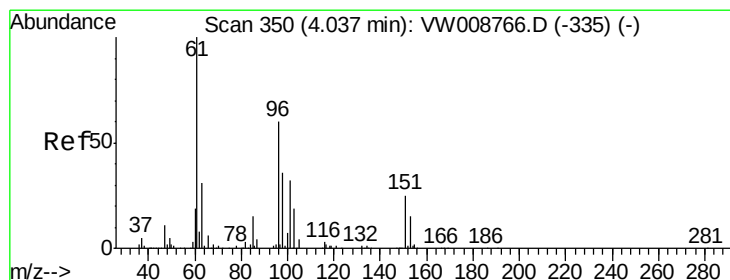
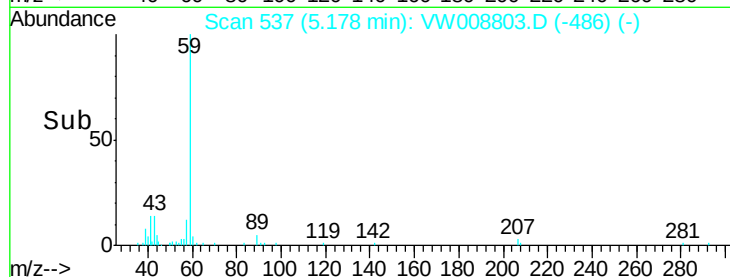
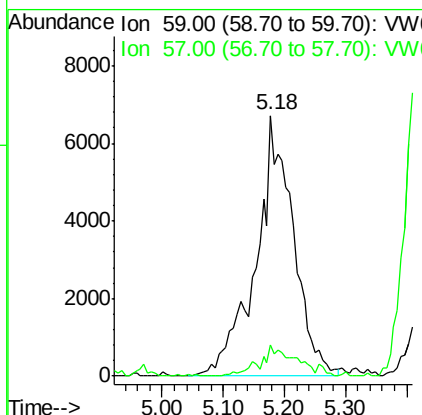
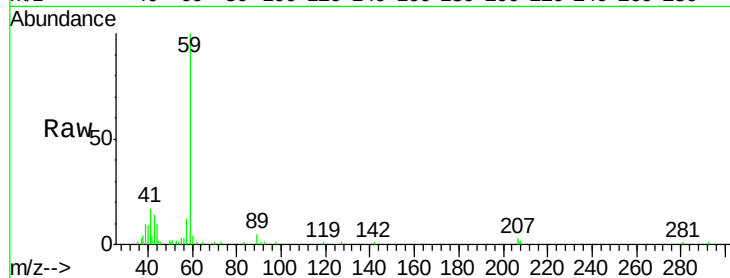


#11

Tert butyl alcohol
 Concen: 106.370 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

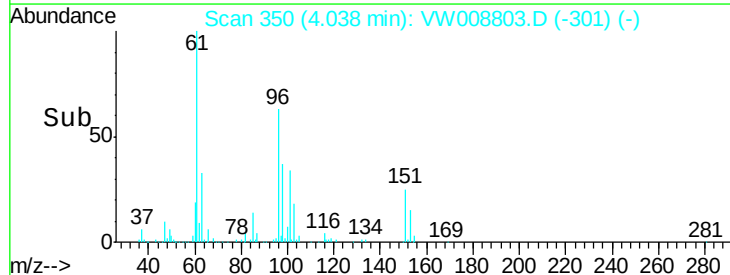
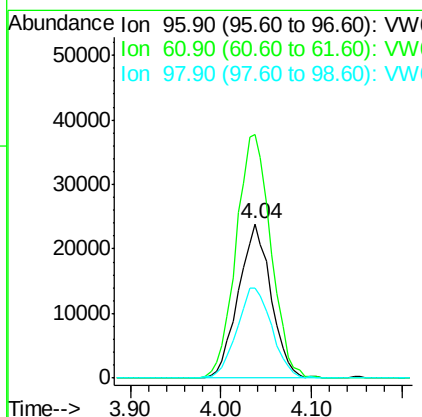
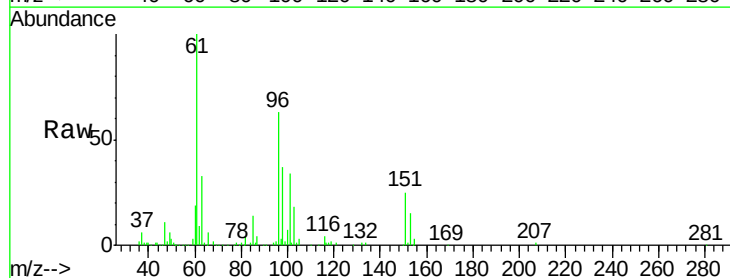
Tot Ion: 59 Resp: 28478
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.3 13.9

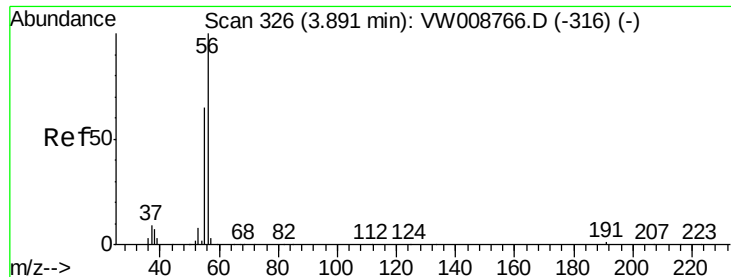


#12

1,1-Dichloroethene
 Concen: 21.282 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion: 96 Resp: 59747
 Ion Ratio Lower Upper
 96 100
 61 157.5 132.5 198.7
 98 57.8 48.2 72.4

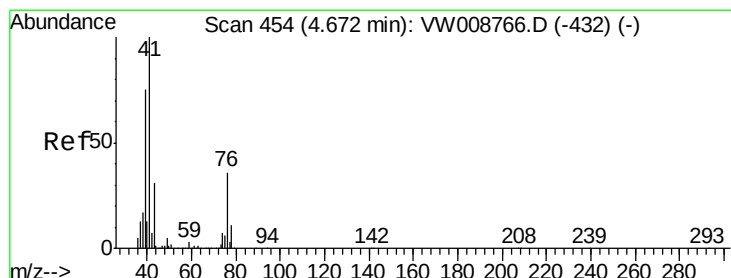
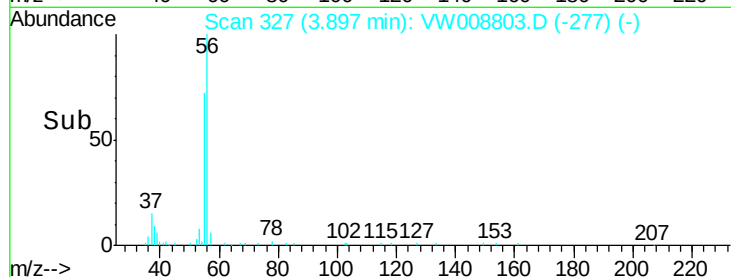
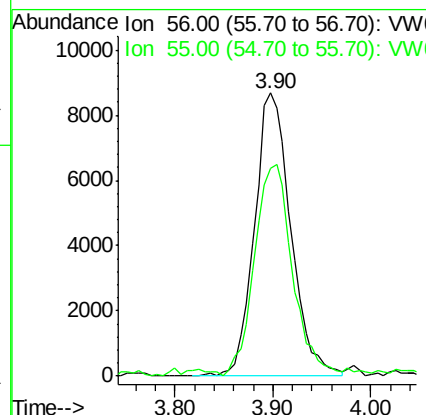
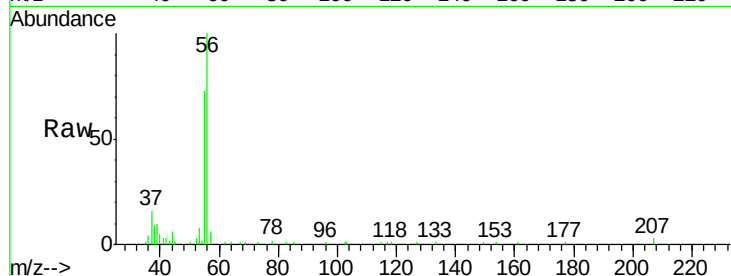




#13
 Acrolein
 Concen: 92.888 ug/l
 RT: 3.90 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

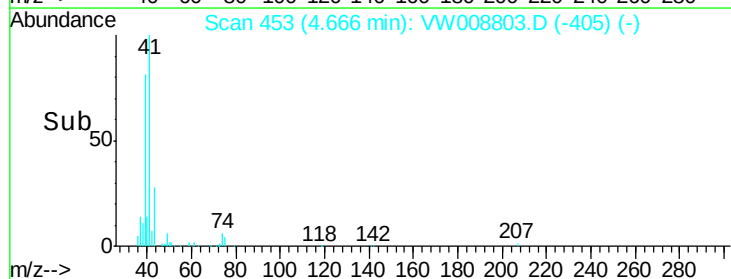
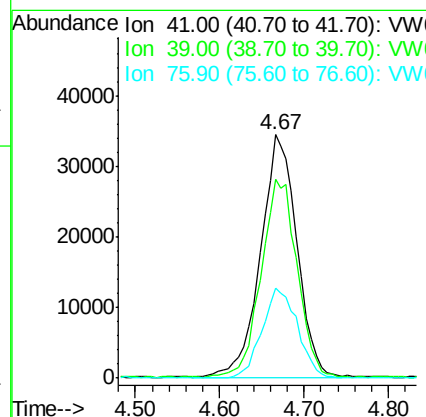
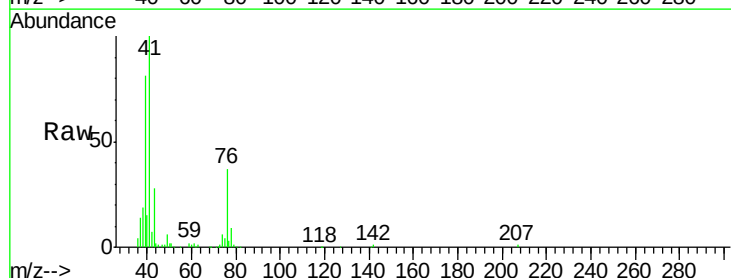
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

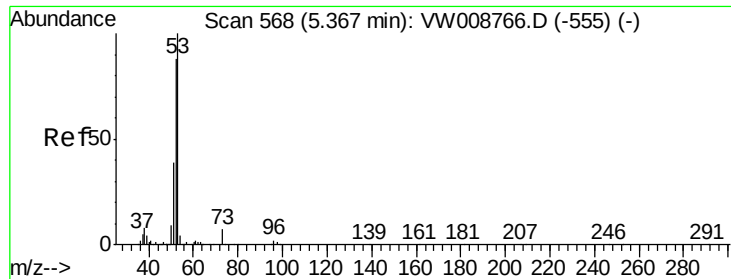
Tot Ion: 56 Resp: 22419
 Ion Ratio Lower Upper
 56 100
 55 78.0 56.9 85.3



#14
 Allyl chloride
 Concen: 20.904 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion: 41 Resp: 101285
 Ion Ratio Lower Upper
 41 100
 39 81.0 60.6 91.0
 76 36.4 28.6 42.8





#15

Acrylonitrile

Concen: 100.458 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

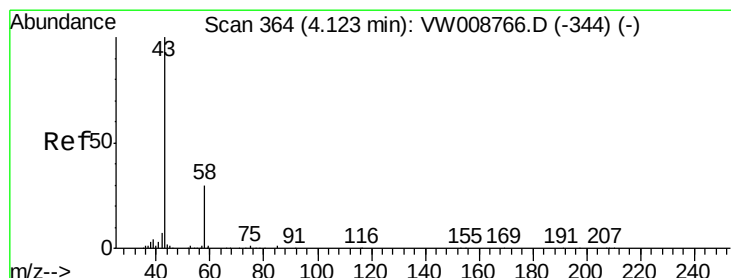
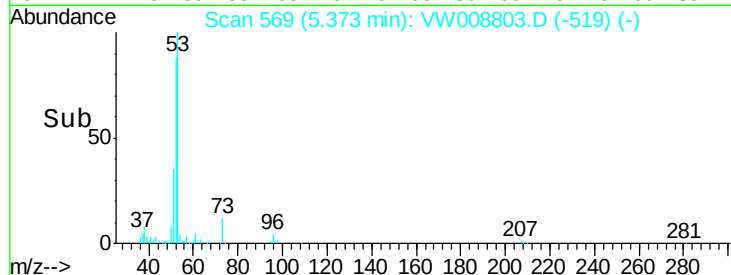
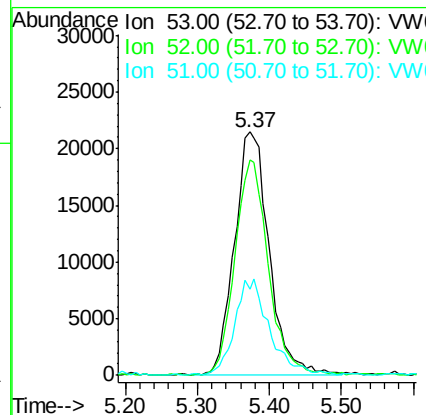
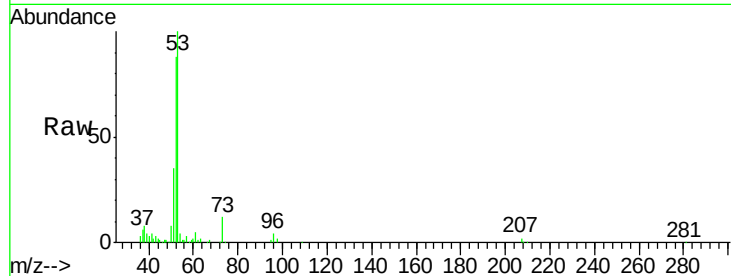
MSVOA_W

ClientSampleId :

VW0225SBSD01

Tot Ion: 53 Resp: 71449

Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.2	100.8
51	39.5	31.1	46.7



#16

Acetone

Concen: 103.696 ug/l

RT: 4.13 min Scan# 365

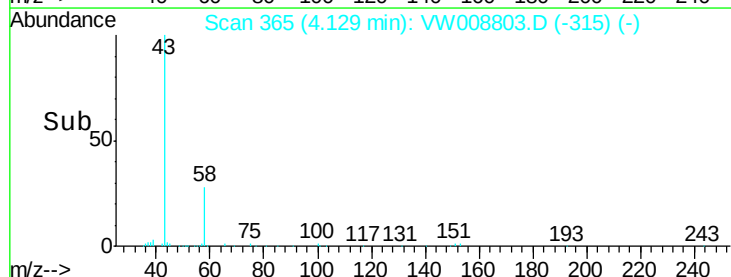
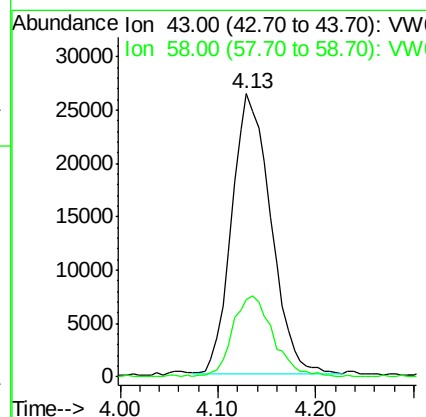
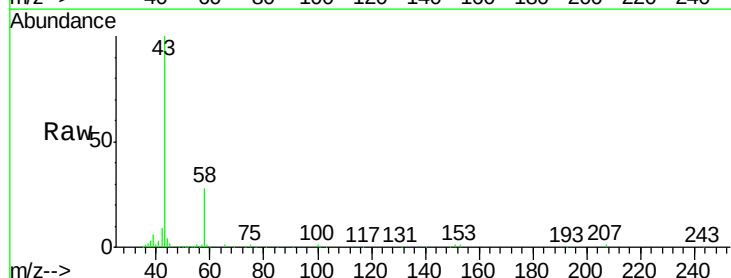
Delta R.T. 0.01 min

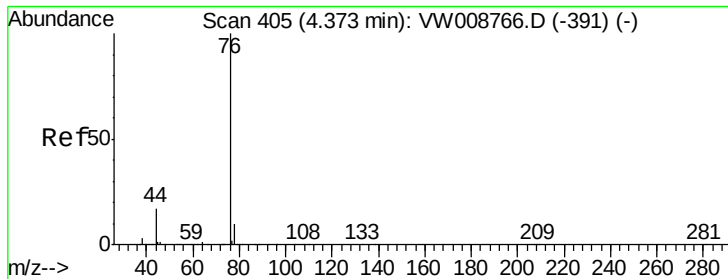
Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Tgt Ion: 43 Resp: 72282

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.6





#17

Carbon Disulfide

Concen: 20.153 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

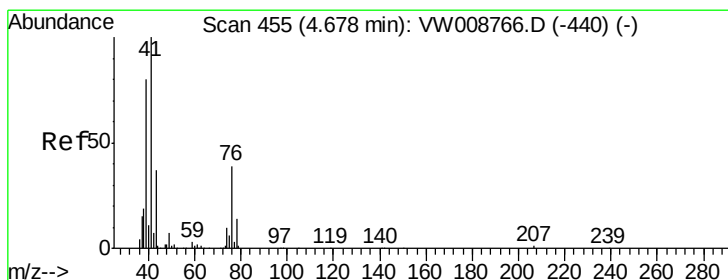
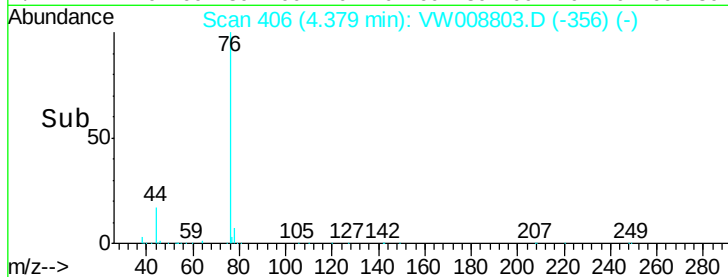
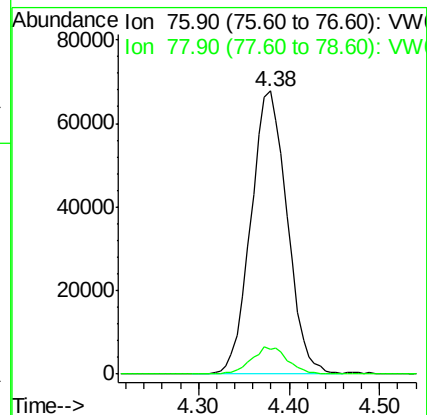
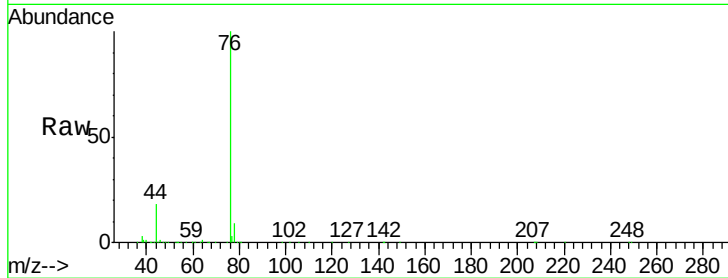
VW0225SBSD01

Tot Ion: 76 Resp: 187713

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.8



#18

Methyl Acetate

Concen: 19.378 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008803.D

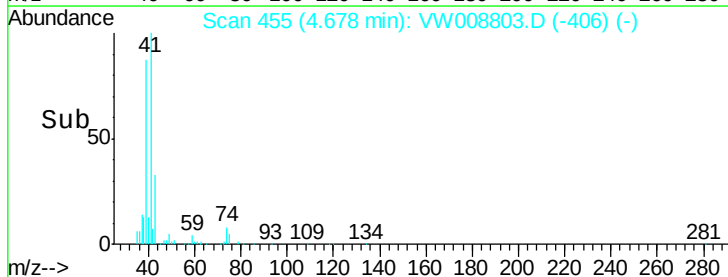
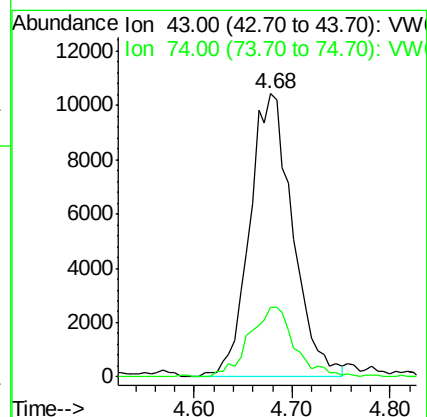
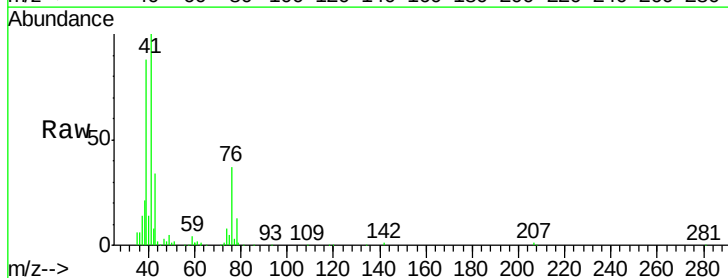
Acq: 25 Feb 2019 13:35

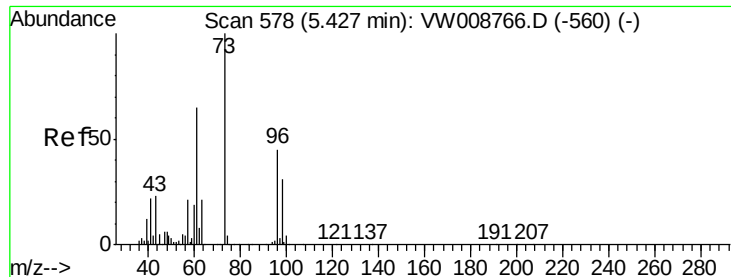
Tgt Ion: 43 Resp: 32039

Ion Ratio Lower Upper

43 100

74 26.0 19.4 29.2



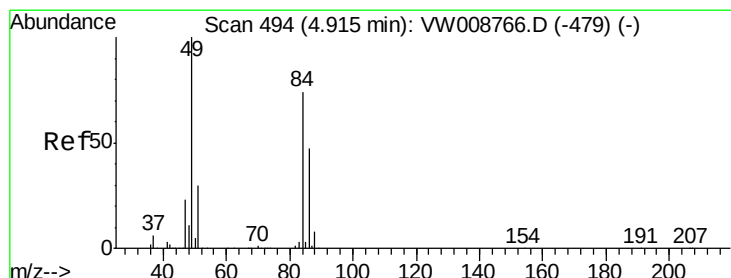
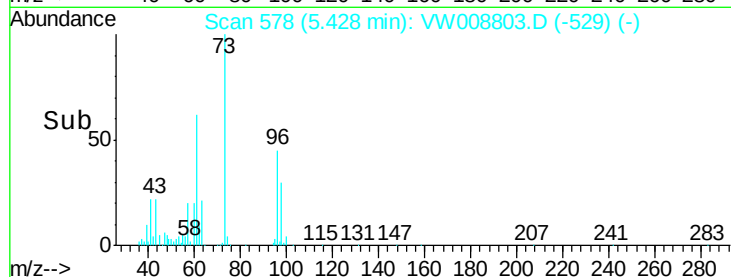
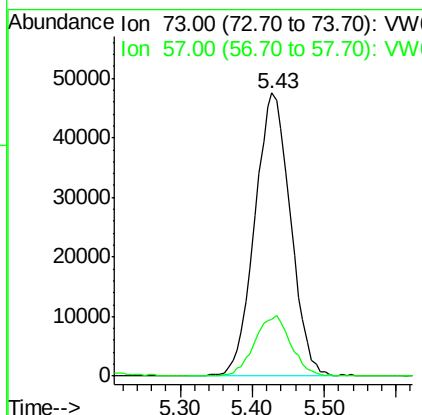
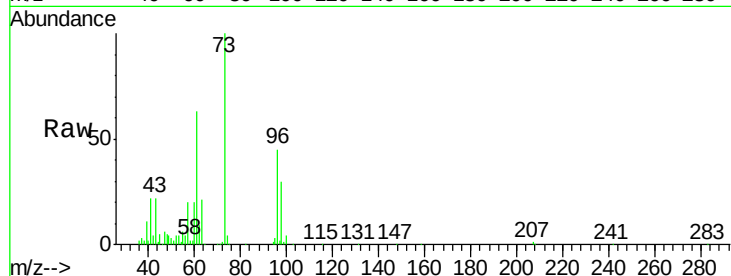


#19

Methyl tert-butyl Ether
 Concen: 21.515 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0225SBSD01

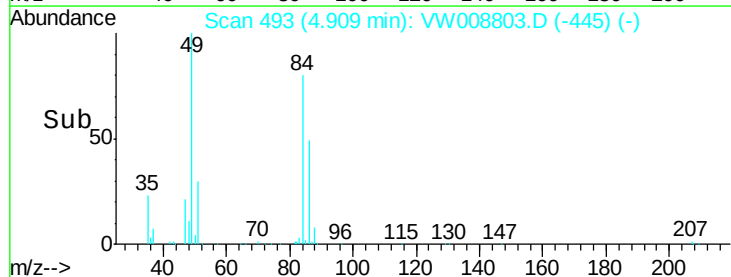
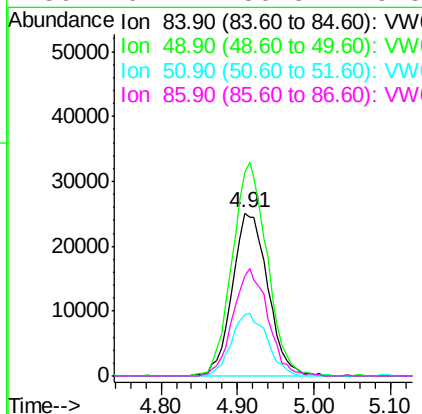
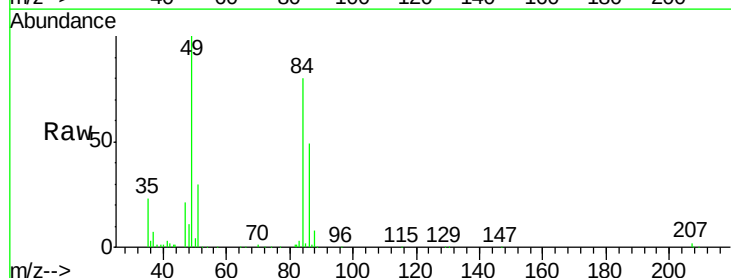
Tot Ion: 73 Resp: 163482
 Ion Ratio Lower Upper
 73 100
 57 19.9 16.8 25.2

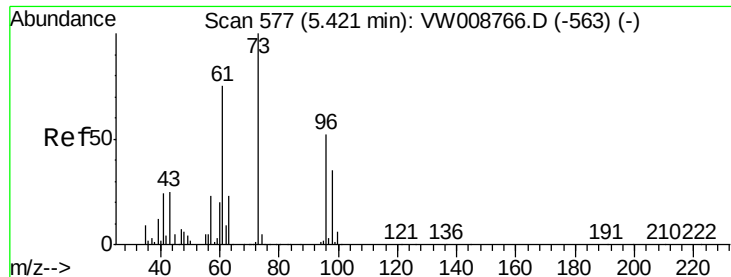


#20

Methylene Chloride
 Concen: 20.537 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion: 84 Resp: 80859
 Ion Ratio Lower Upper
 84 100
 49 125.0 108.2 162.2
 51 37.4 32.7 49.1
 86 61.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 20.559 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

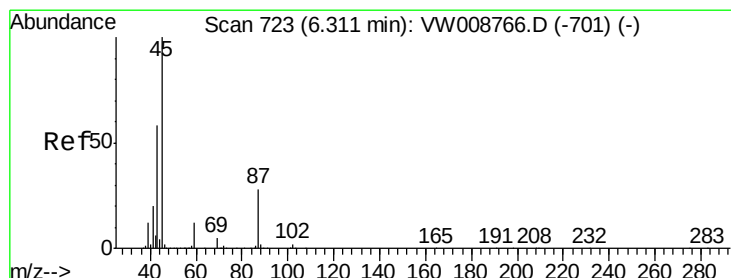
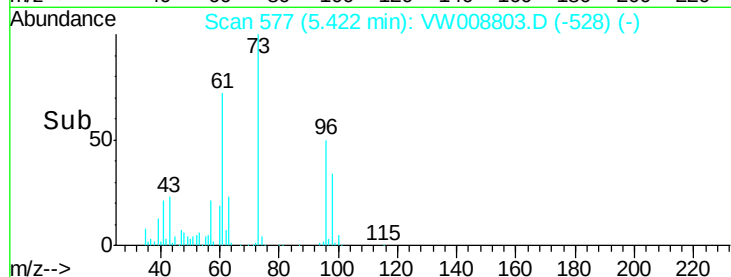
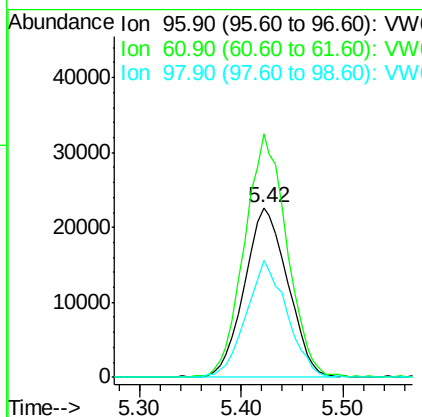
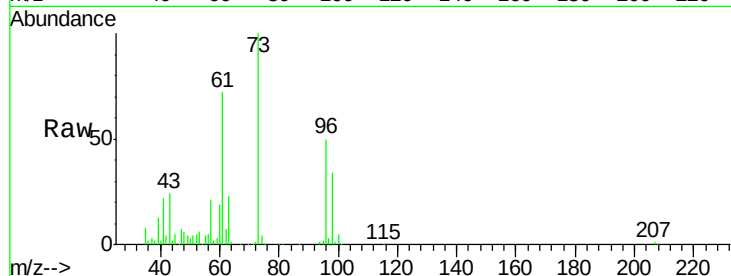
Tot Ion: 96 Resp: 66762

Ion Ratio Lower Upper

96 100

61 143.5 114.6 171.8

98 68.5 54.0 81.0



#22

Diisopropyl ether

Concen: 21.341 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Tgt Ion: 45 Resp: 206266

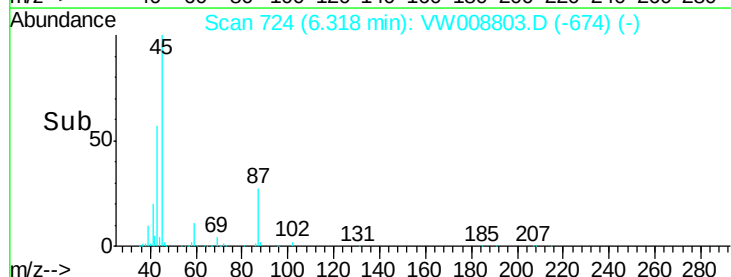
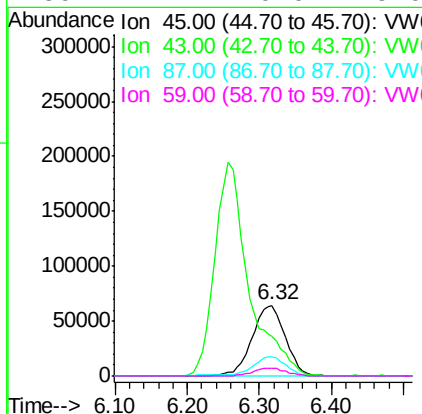
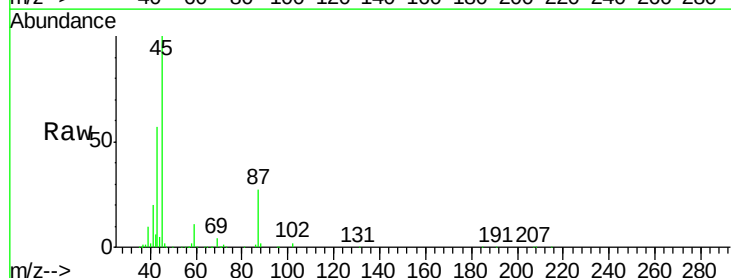
Ion Ratio Lower Upper

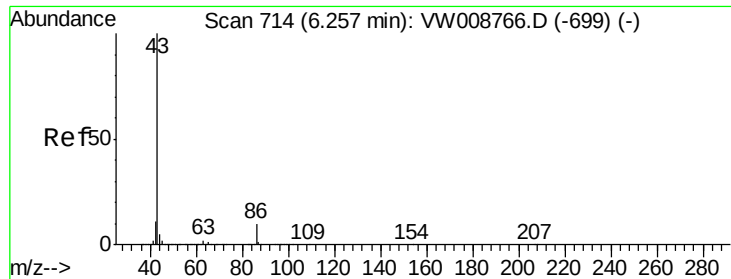
45 100

43 56.3 46.1 69.1

87 26.8 22.2 33.4

59 11.1 10.0 15.0





#23

Vinyl Acetate

Concen: 107.363 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

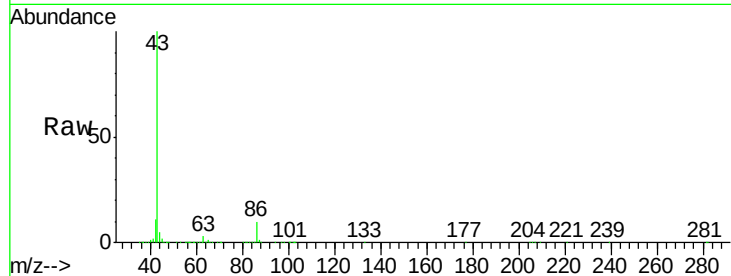
VW0225SBSD01

Tot Ion: 43 Resp: 641153

Ion Ratio Lower Upper

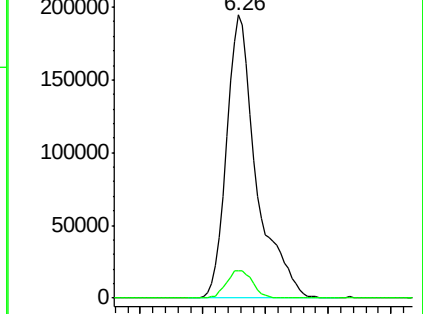
43 100

86 9.9 8.1 12.1

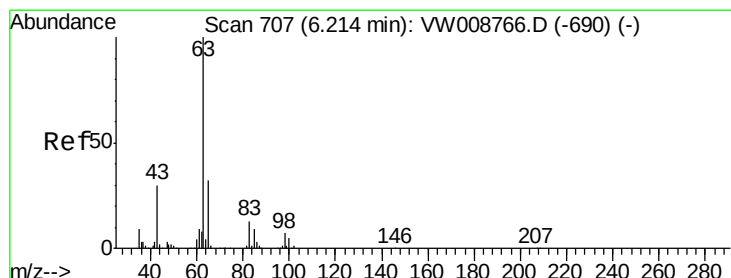
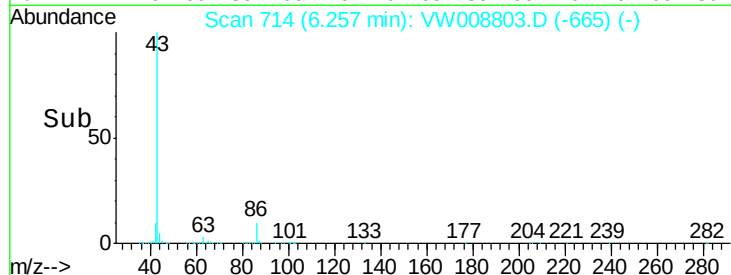


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 21.511 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

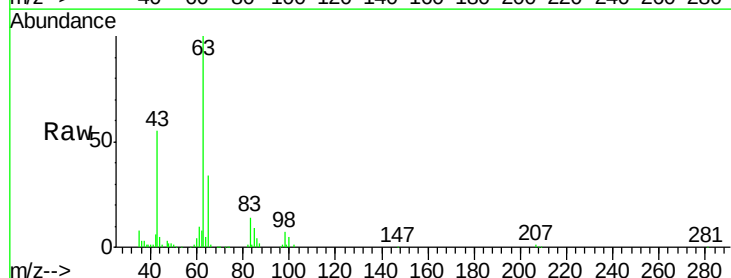
Tgt Ion: 63 Resp: 120481

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

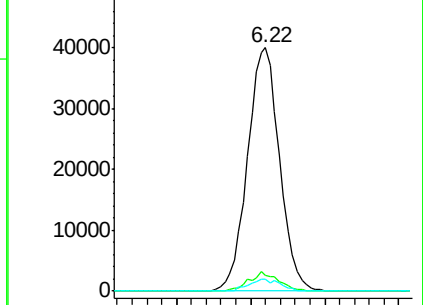
100 4.7 2.4 7.2



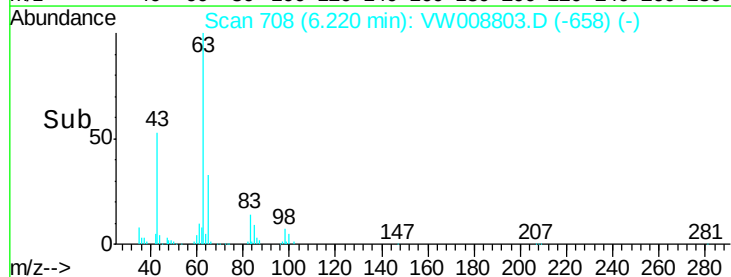
Abundance Ion 62.90 (62.60 to 63.60): VW

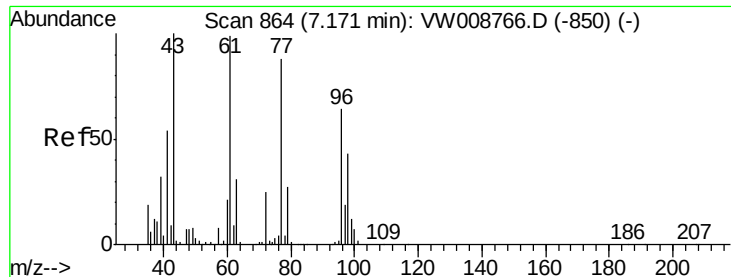
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 103.192 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

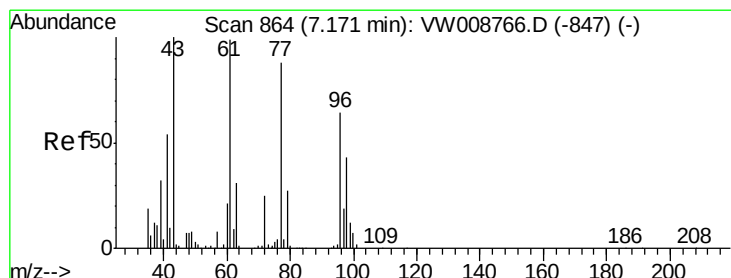
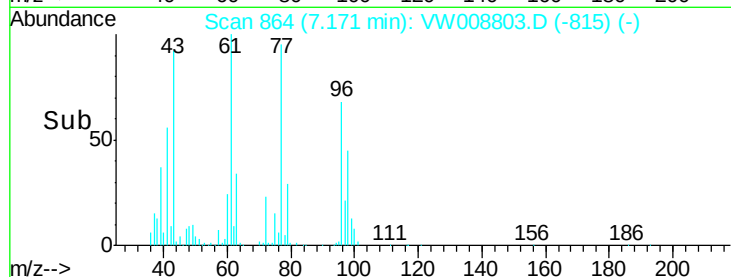
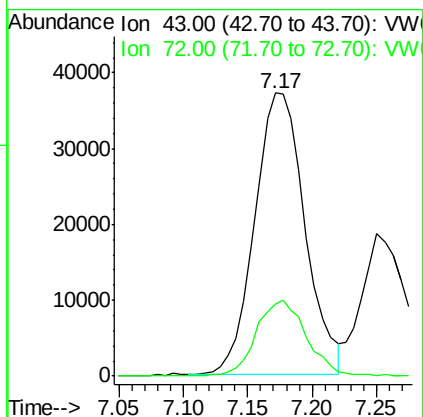
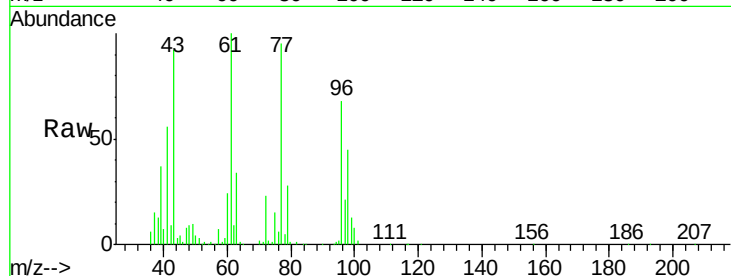
VW0225SBSD01

Tot Ion: 43 Resp: 100564

Ion Ratio Lower Upper

43 100

72 25.5 19.7 29.5



#26

2,2-Dichloropropane

Concen: 22.376 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008803.D

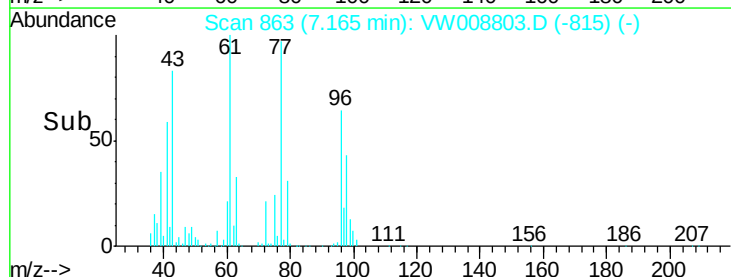
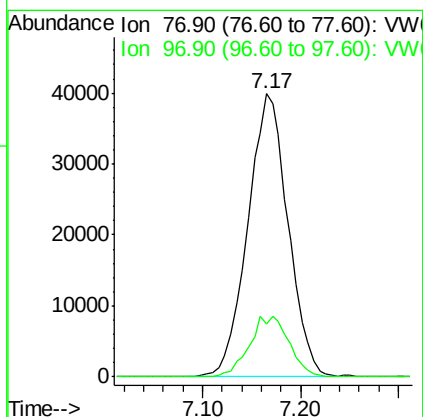
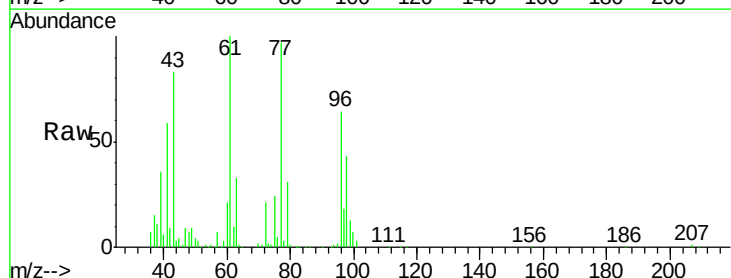
Acq: 25 Feb 2019 13:35

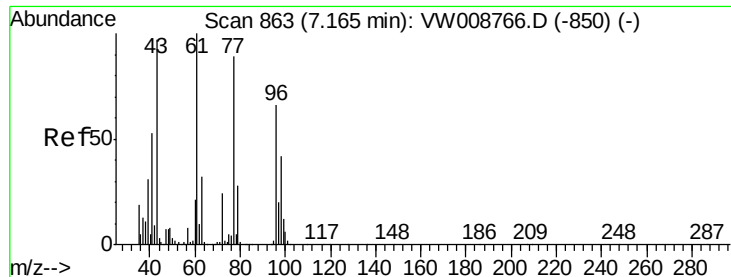
Tgt Ion: 77 Resp: 113781

Ion Ratio Lower Upper

77 100

97 21.2 11.0 33.0



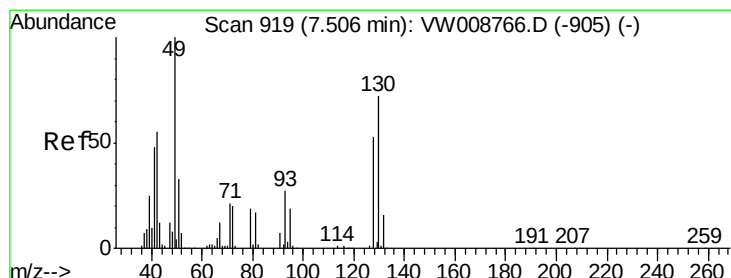
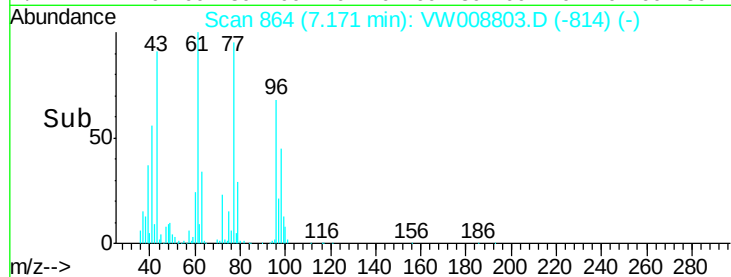
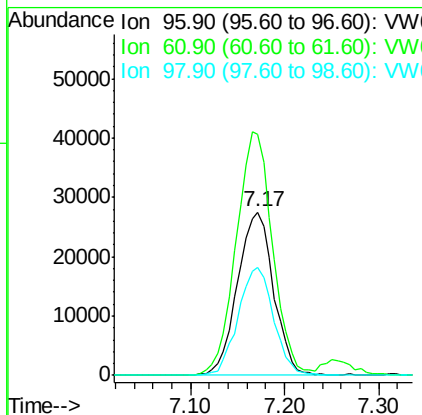
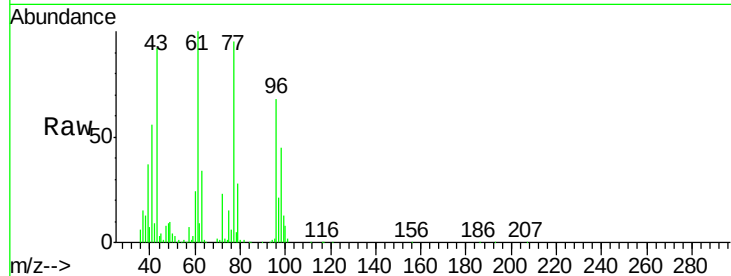


#27

cis-1,2-Dichloroethene
Concen: 21.220 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

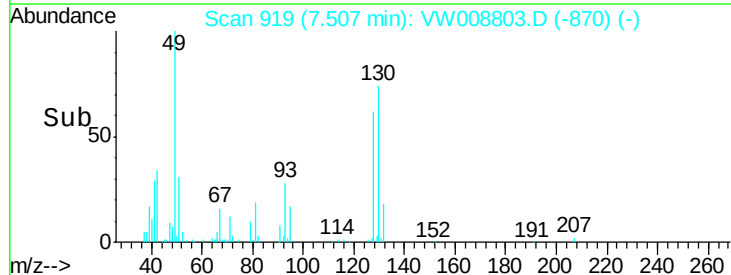
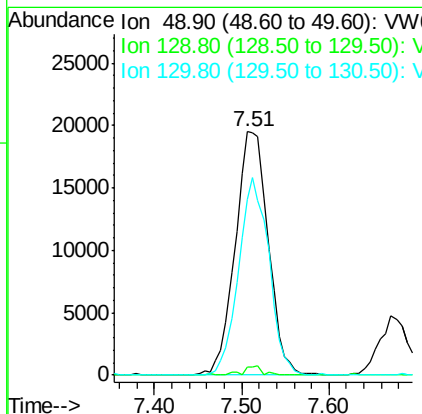
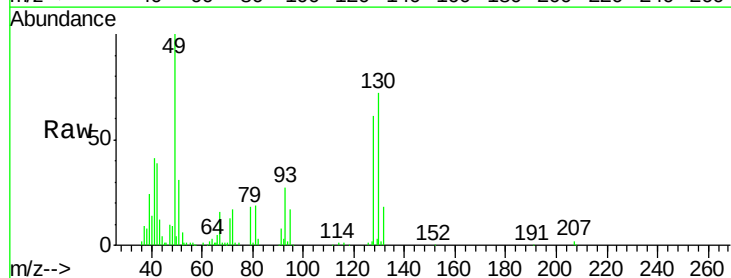
Tot Ion: 96 Resp: 73711
Ion Ratio Lower Upper
96 100
61 150.3 0.0 302.6
98 64.9 0.0 130.0

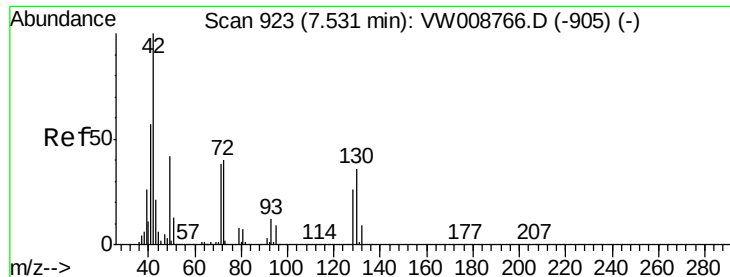


#28

Bromochloromethane
Concen: 21.860 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion: 49 Resp: 51235
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.6
130 74.6 61.3 91.9

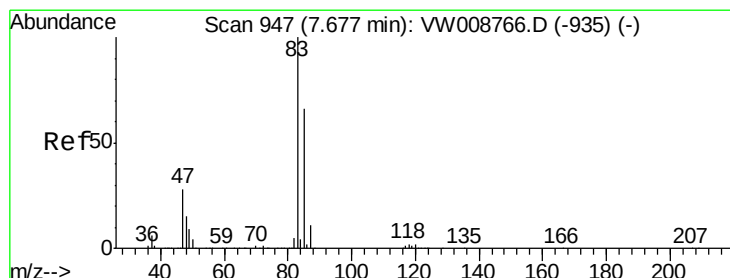
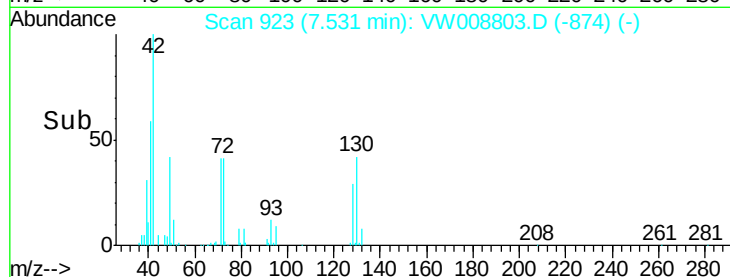
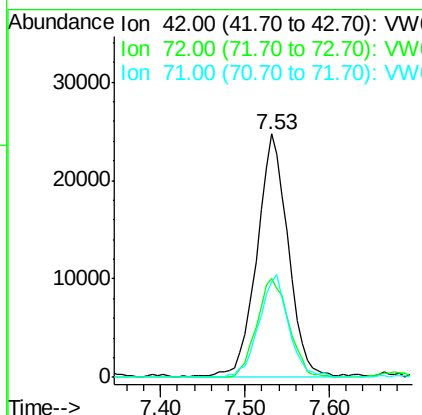
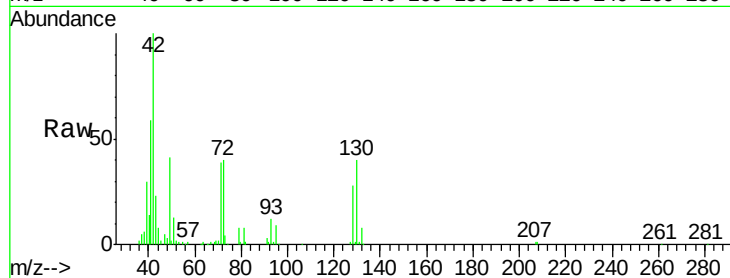




#29
Tetrahydrofuran
Concen: 100.283 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

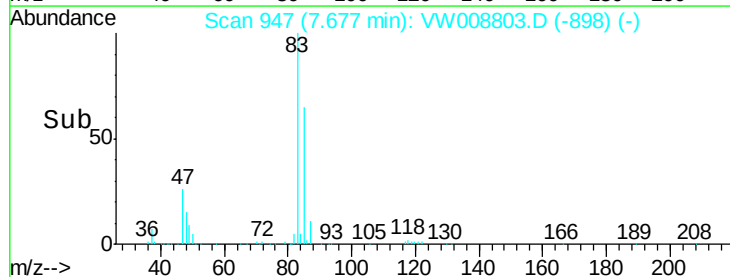
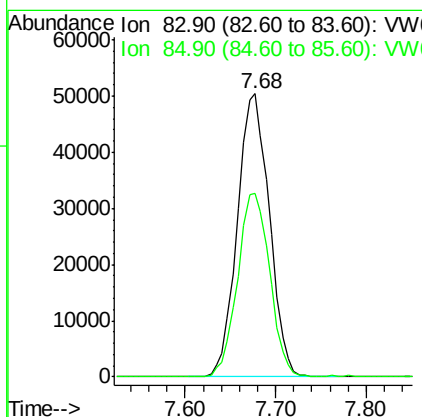
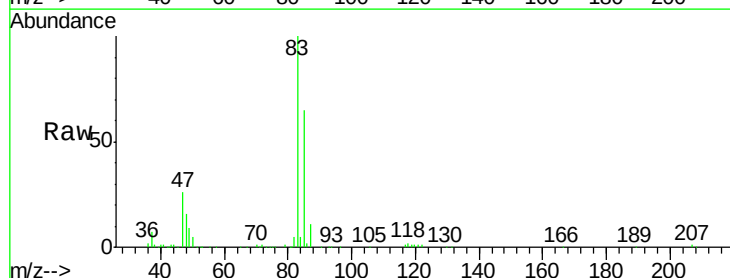
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

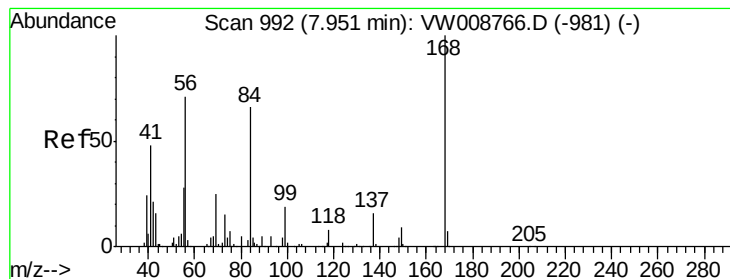
Tot Ion: 42 Resp: 62280
Ion Ratio Lower Upper
42 100
72 42.3 32.7 49.1
71 40.4 31.3 46.9



#30
Chloroform
Concen: 21.452 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion: 83 Resp: 123262
Ion Ratio Lower Upper
83 100
85 65.0 52.6 79.0





#31

Cyclohexane

Concen: 21.560 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

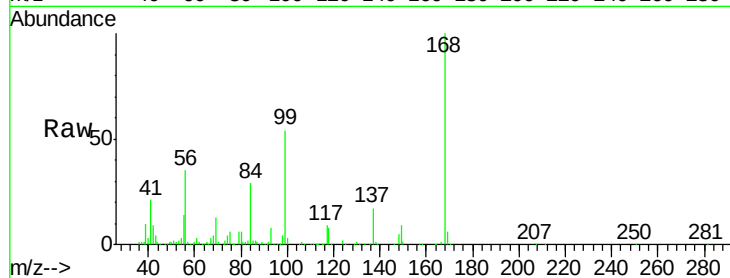
Tot Ion: 56 Resp: 122231

Ion Ratio Lower Upper

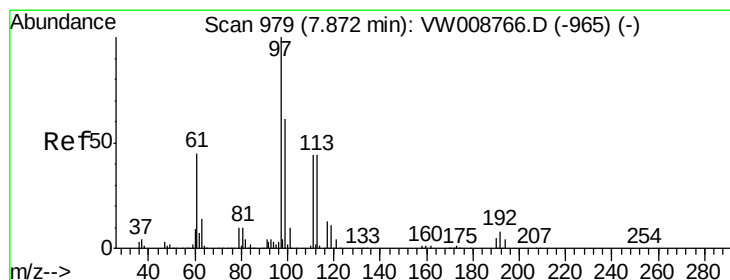
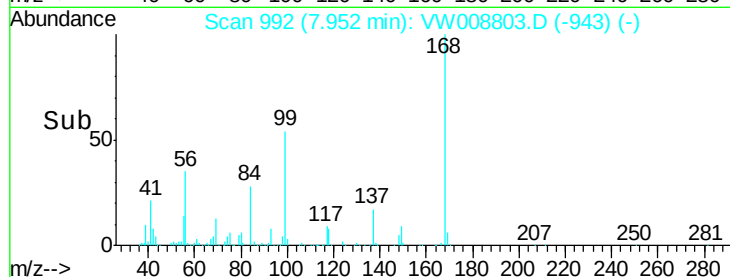
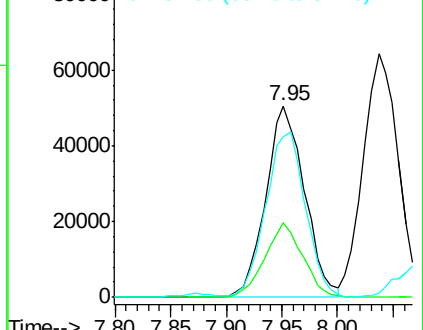
56 100

69 38.8 28.2 42.4

84 82.7 74.1 111.1



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.992 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

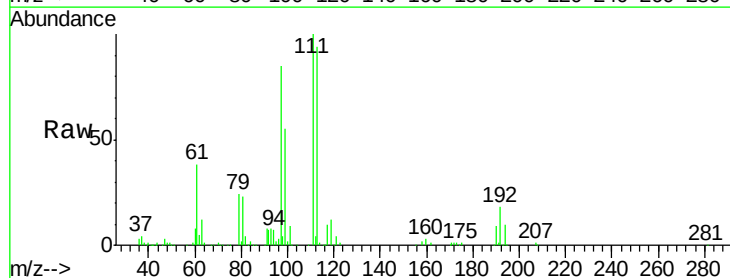
Tgt Ion: 97 Resp: 114912

Ion Ratio Lower Upper

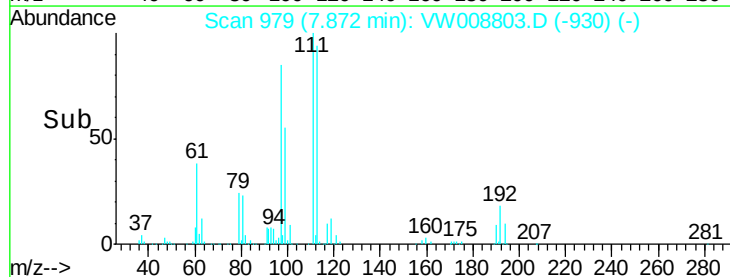
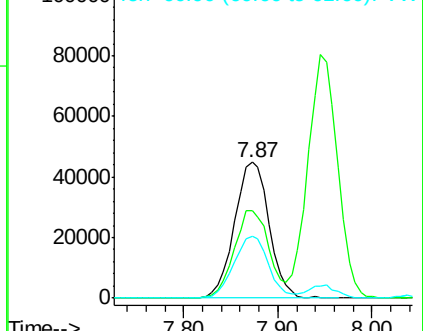
97 100

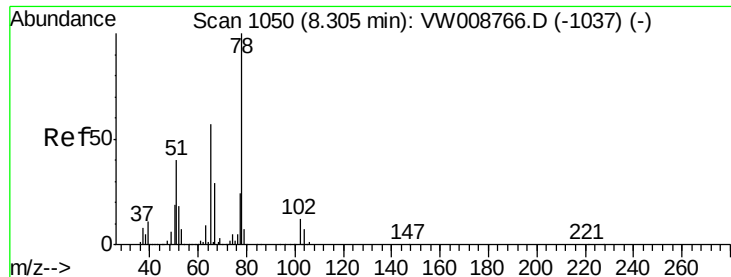
99 65.9 50.8 76.2

61 45.4 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: 57.655 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

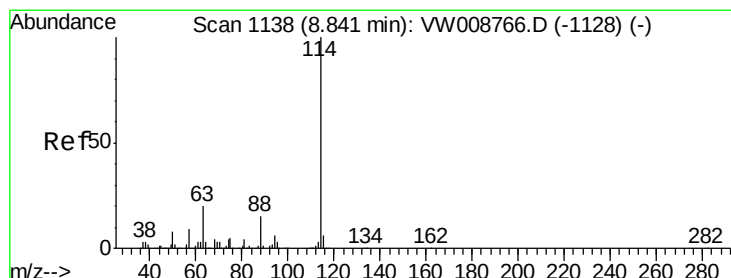
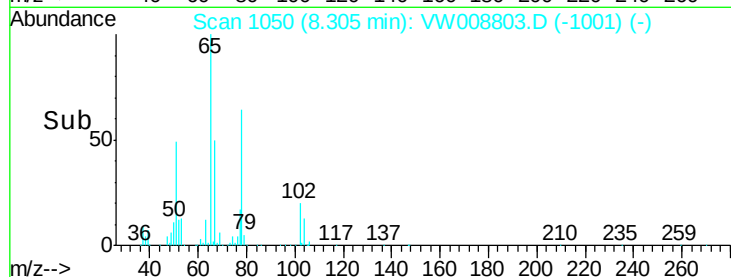
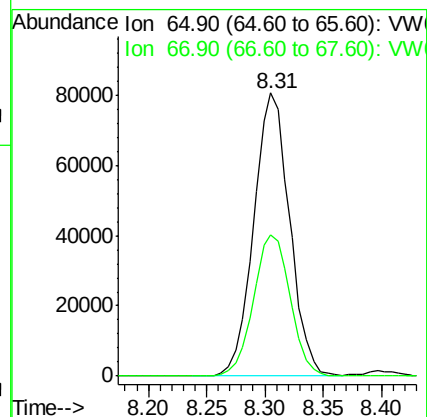
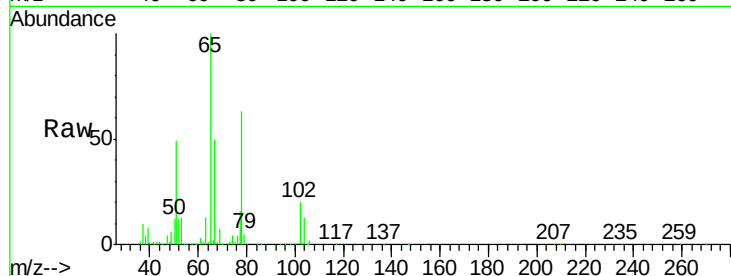
VW0225SBSD01

Tot Ion: 65 Resp: 173383

Ion Ratio Lower Upper

65 100

67 51.0 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: VW008803.D

Acq: 25 Feb 2019 13:35

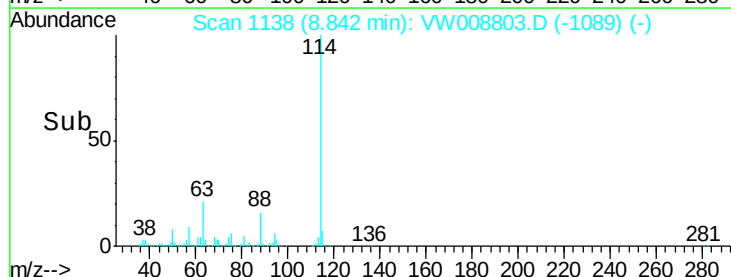
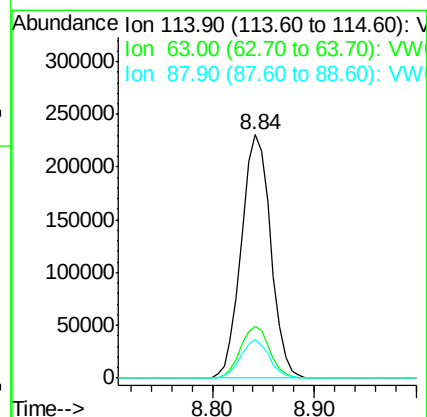
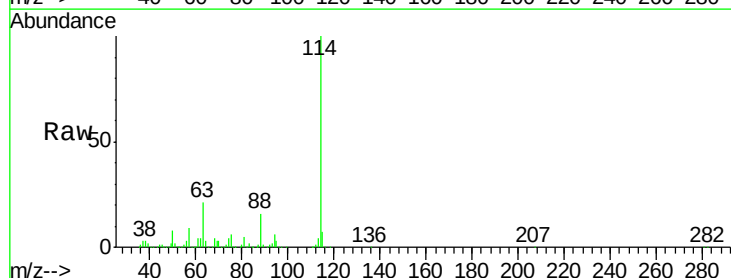
Tgt Ion: 114 Resp: 460615

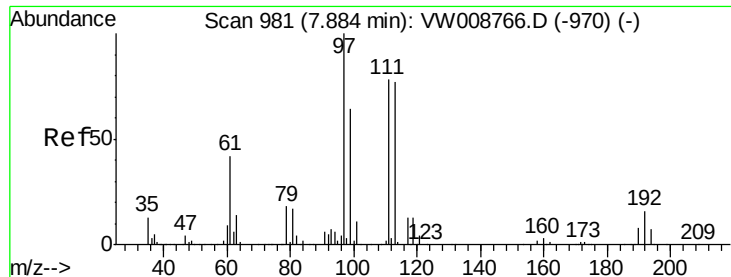
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.9 0.0 30.4

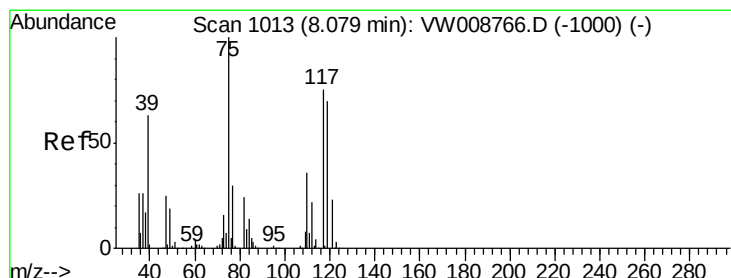
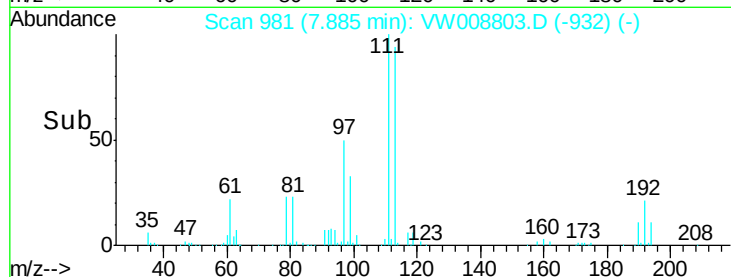
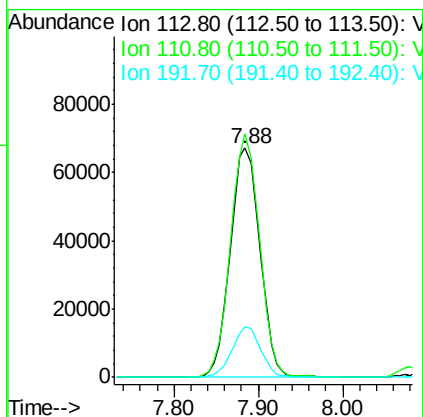
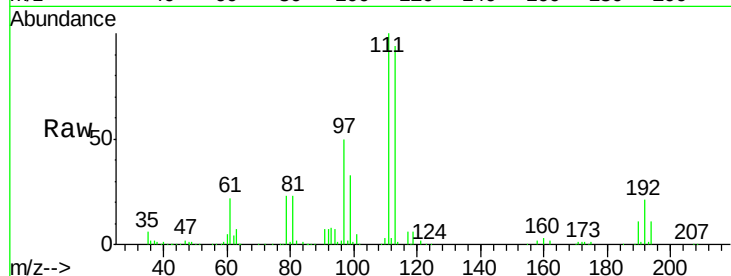




#35
 Dibromofluoromethane
 Concen: 58.025 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

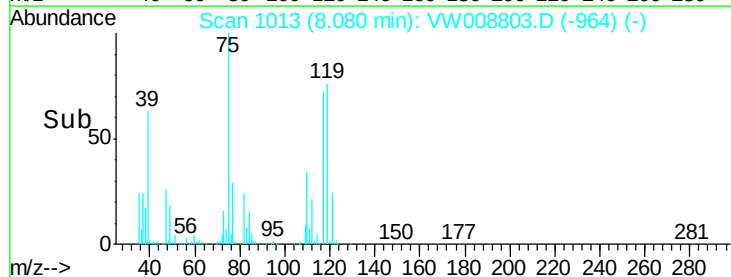
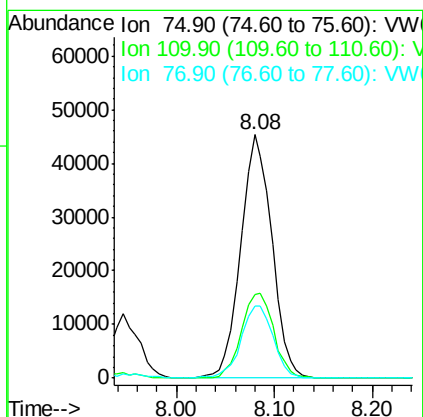
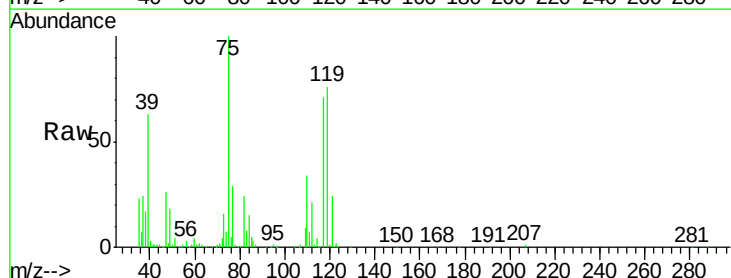
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

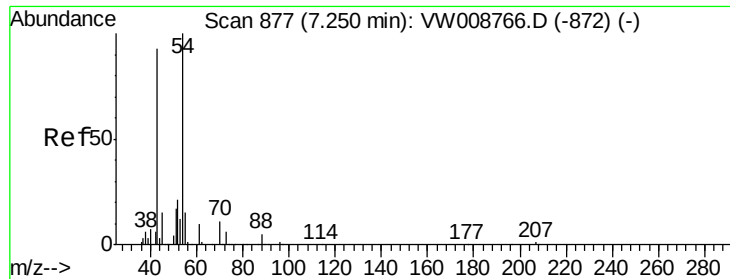
Tot Ion:113 Resp: 160473
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 21.2 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 22.321 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion: 75 Resp: 100082
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.5 52.6
 77 30.6 24.5 36.7

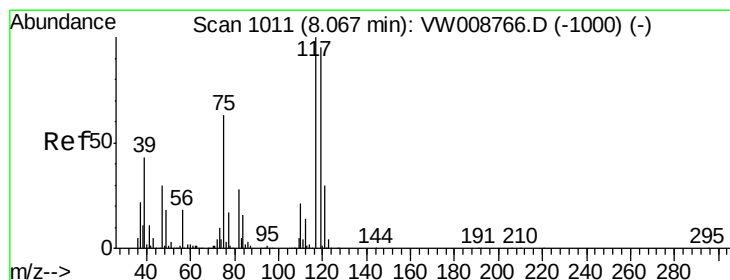
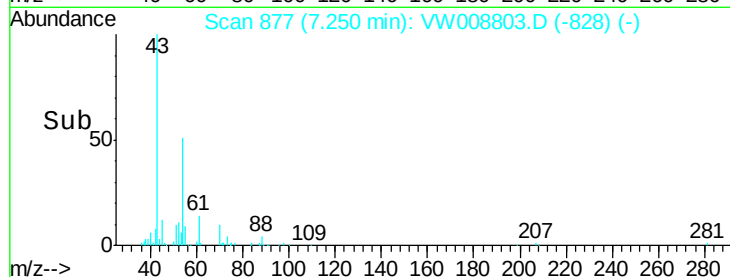
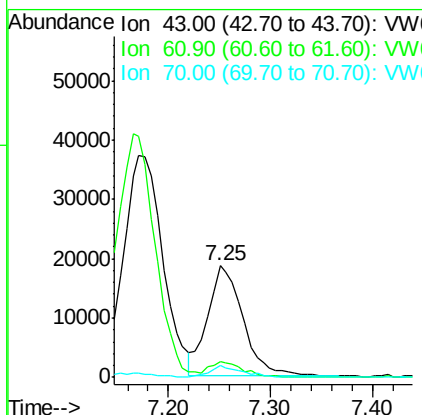
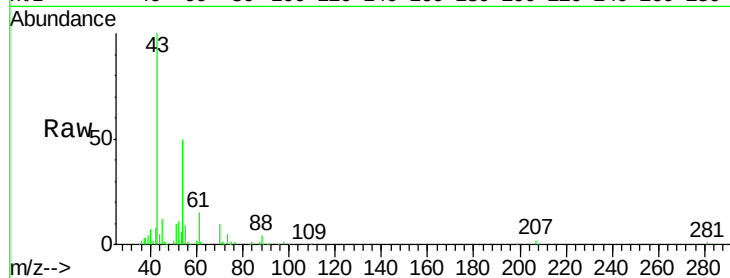




#37
Ethyl Acetate
Concen: 21.502 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

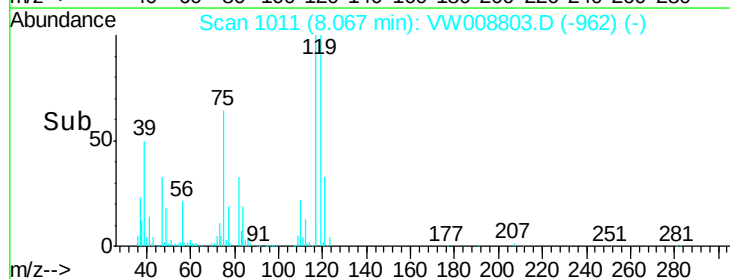
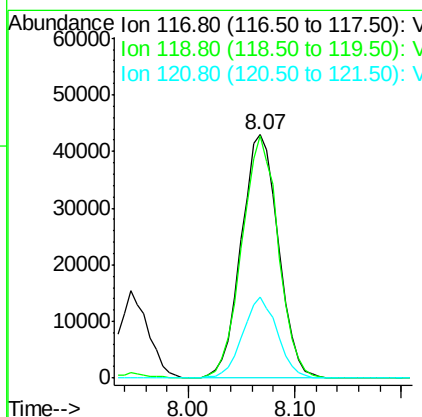
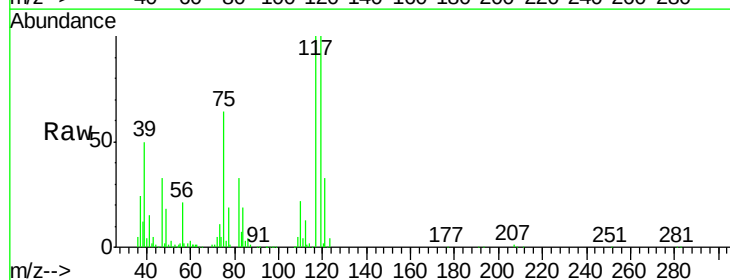
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

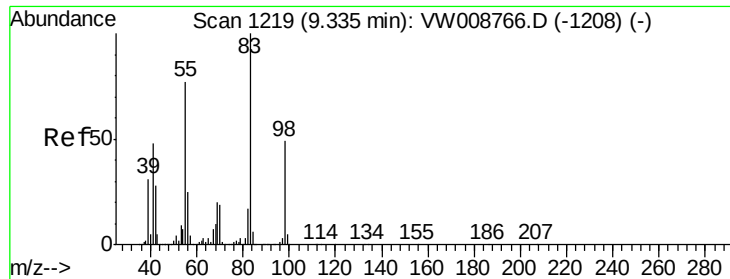
Tot Ion: 43 Resp: 44833
Ion Ratio Lower Upper
43 100
61 13.9 9.8 14.8
70 9.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 22.326 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion: 117 Resp: 105570
Ion Ratio Lower Upper
117 100
119 99.7 76.1 114.1
121 33.2 24.0 36.0

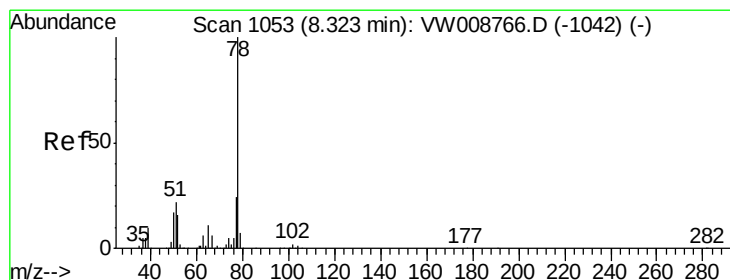
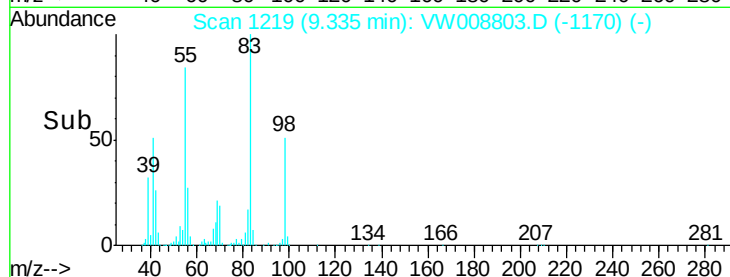
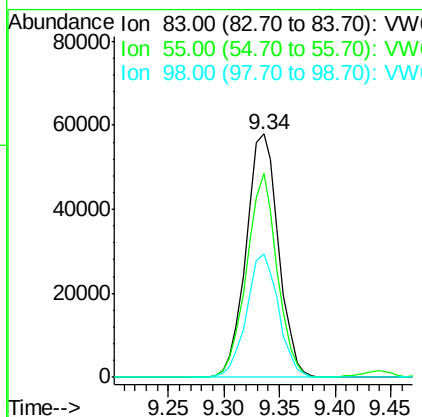
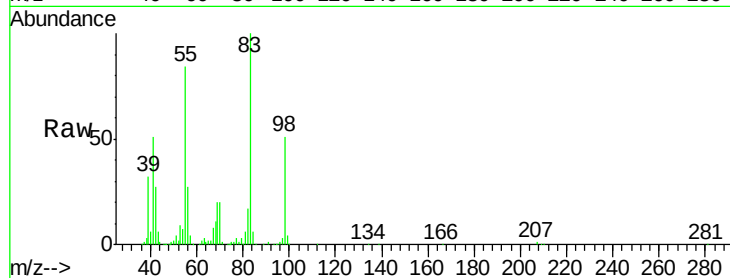




#39
Methylvlcyclohexane
Concen: 20.961 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

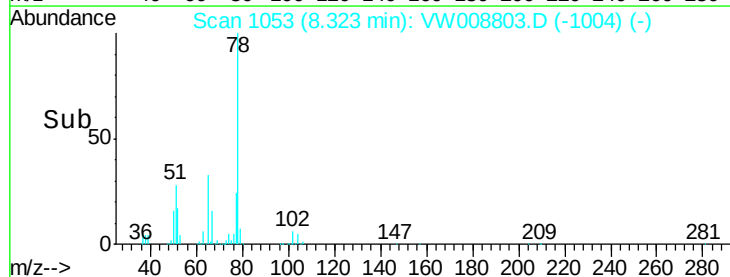
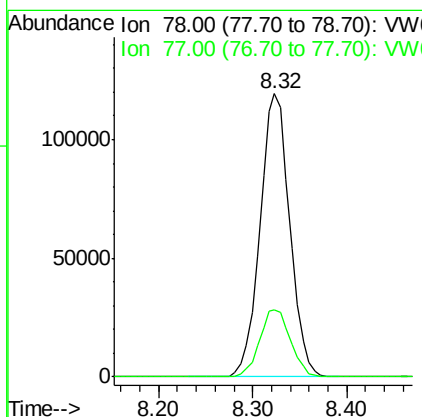
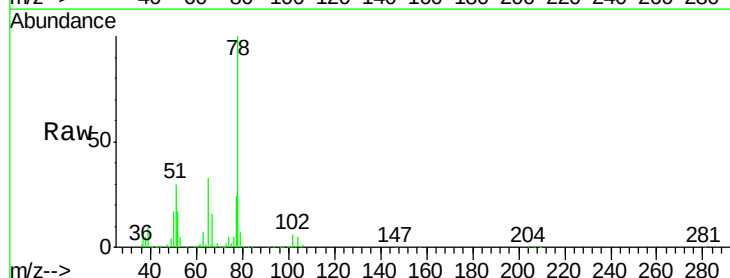
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

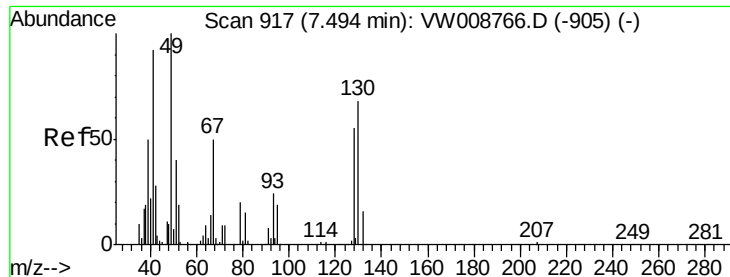
Tot Ion	83	Resp	117228
Ion Ratio	Lower	Upper	
83	100		
55	83.7	61.2	91.8
98	50.6	39.4	59.2



#40
Benzene
Concen: 21.565 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion	78	Resp	264002
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.3	28.9

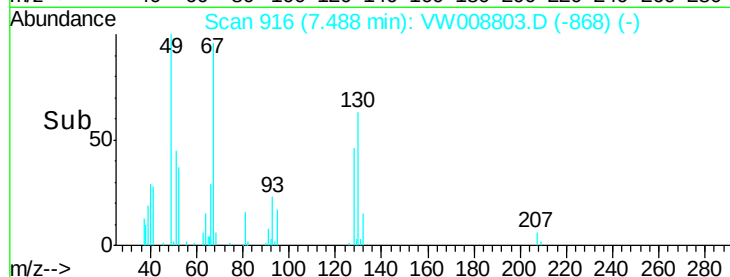
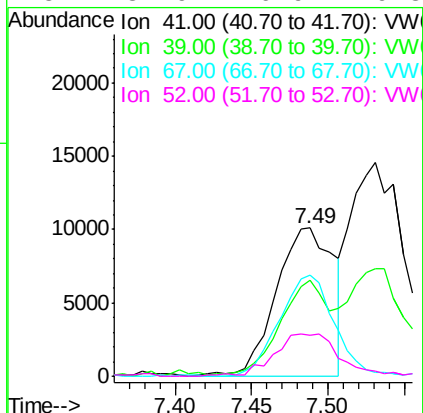
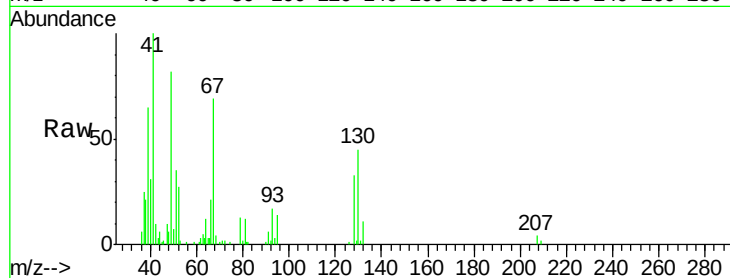




#41
Methacrylonitrile
Concen: 21.626 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

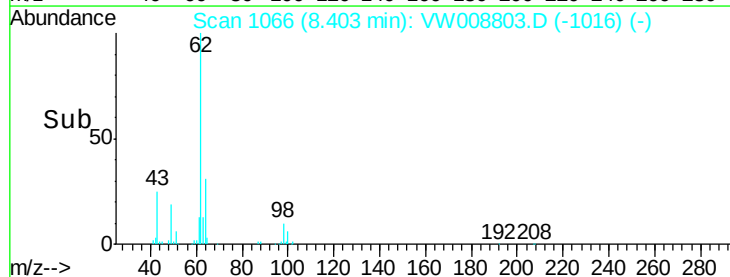
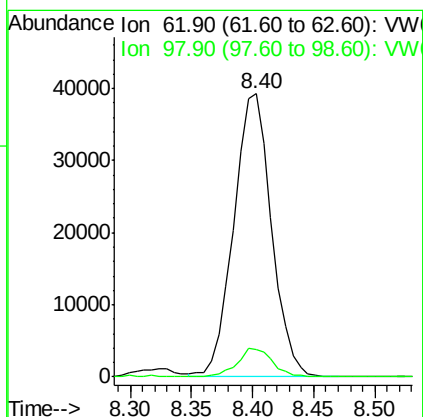
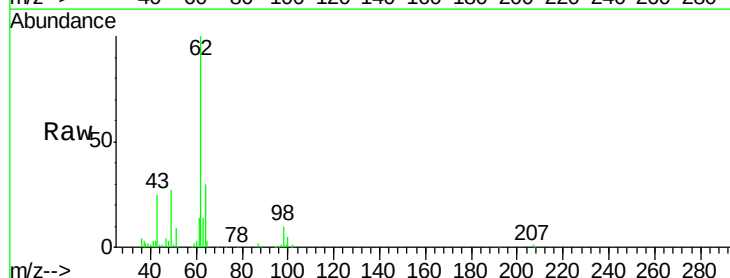
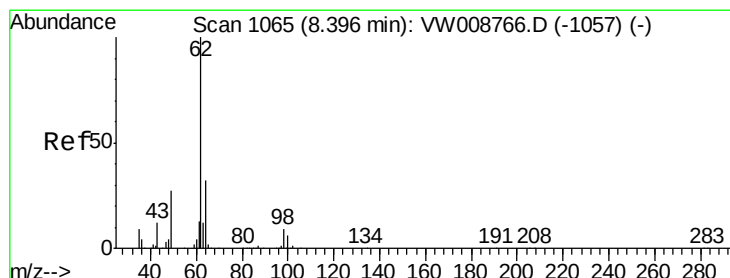
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

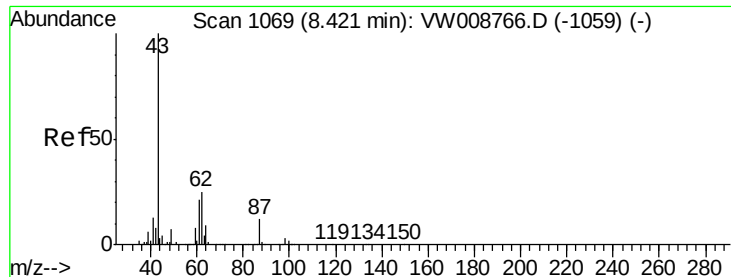
Tot Ion:	41	Resp:	26505
Ion	Ratio	Lower	Upper
41	100		
39	50.4	52.5	78.7#
67	65.5	55.0	82.6
52	31.9	26.9	40.3



#42
1,2-Dichloroethane
Concen: 21.631 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion:	62	Resp:	83886
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.255 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

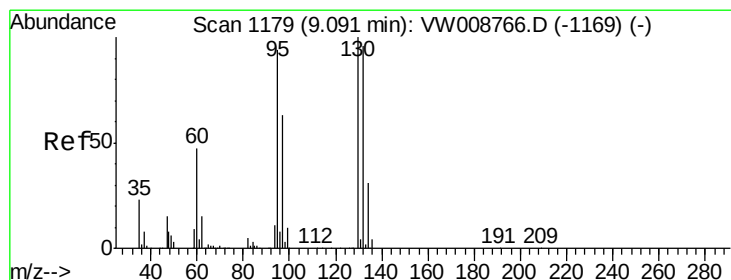
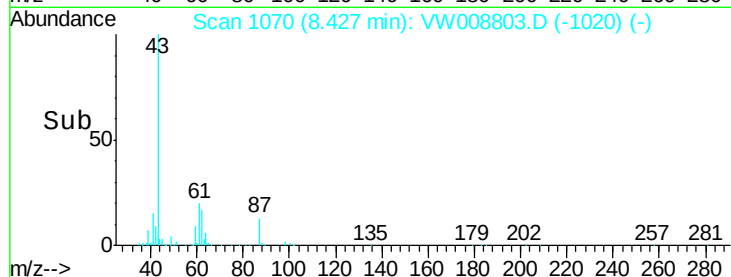
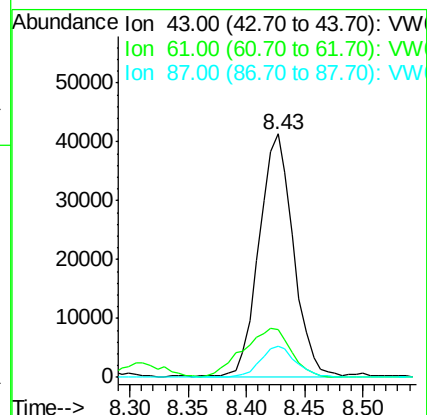
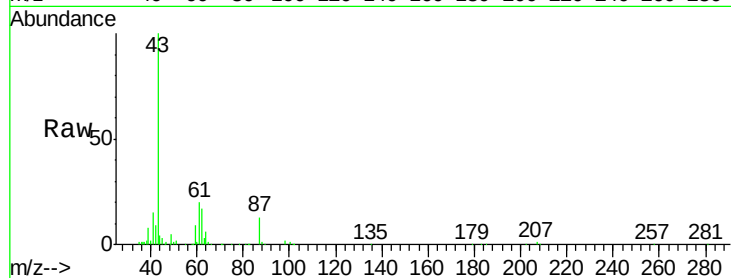
Tot Ion: 43 Resp: 84289

Ion Ratio Lower Upper

43 100

61 28.1 23.2 34.8

87 13.1 9.9 14.9



#44

Trichloroethene

Concen: 21.870 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008803.D

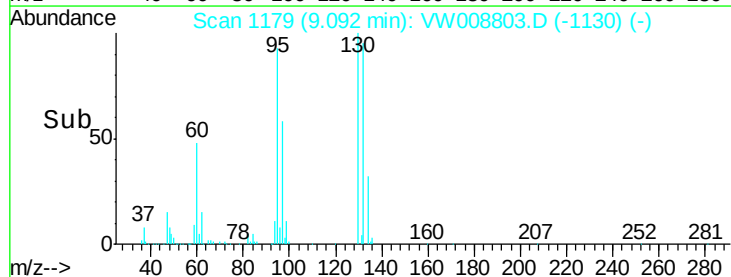
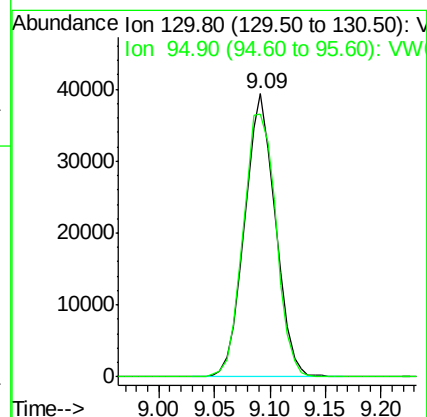
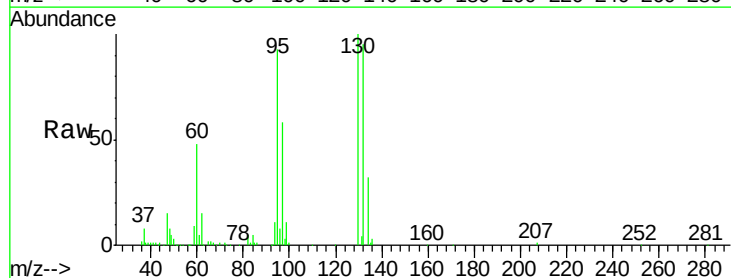
Acq: 25 Feb 2019 13:35

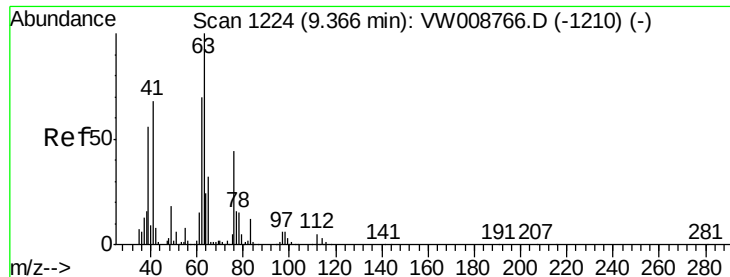
Tgt Ion: 130 Resp: 75423

Ion Ratio Lower Upper

130 100

95 92.7 0.0 188.6





#45

1,2-Dichloropropane

Concen: 21.696 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampled :

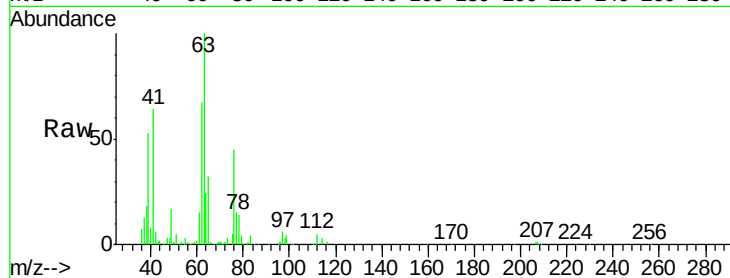
VW0225SBSD01

Tot Ion: 63 Resp: 65636

Ion Ratio Lower Upper

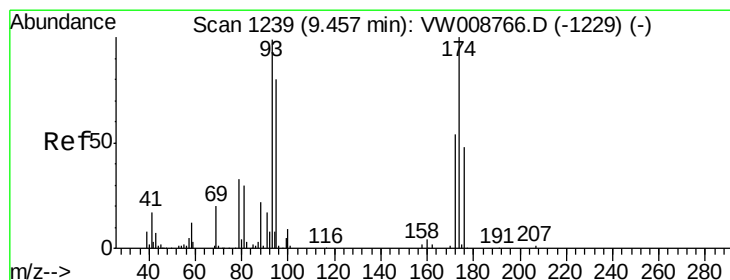
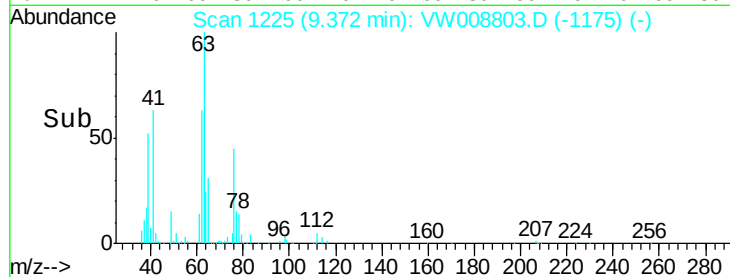
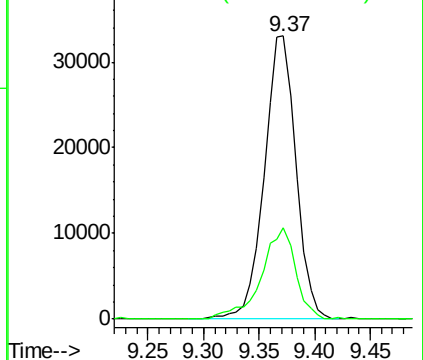
63 100

65 32.0 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 21.408 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

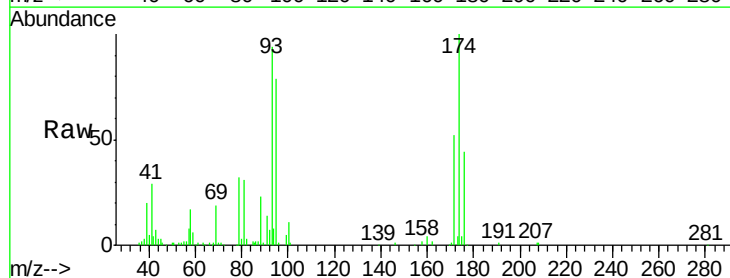
Tgt Ion: 93 Resp: 36024

Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

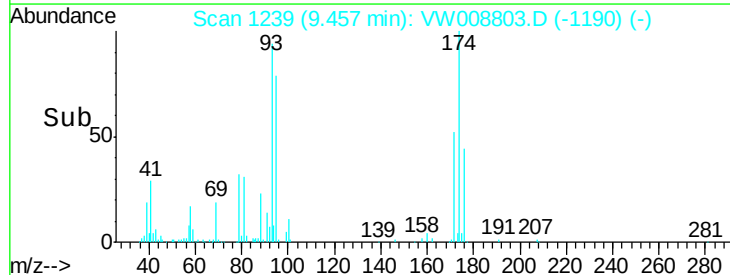
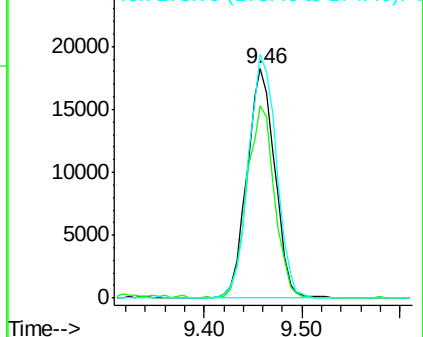
174 106.6 86.7 130.1

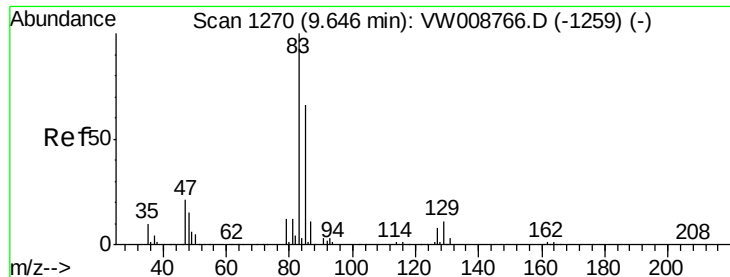


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.296 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

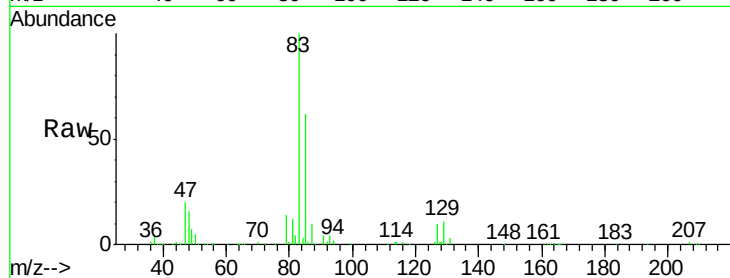
Tot Ion: 83 Resp: 91282

Ion Ratio Lower Upper

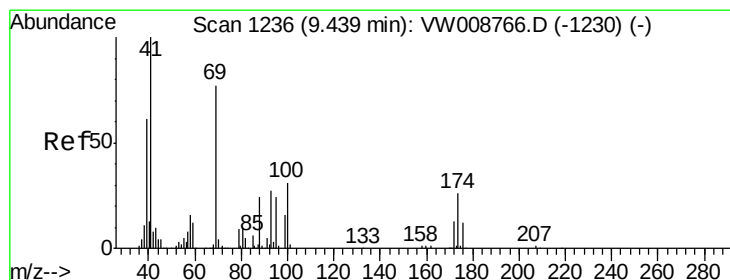
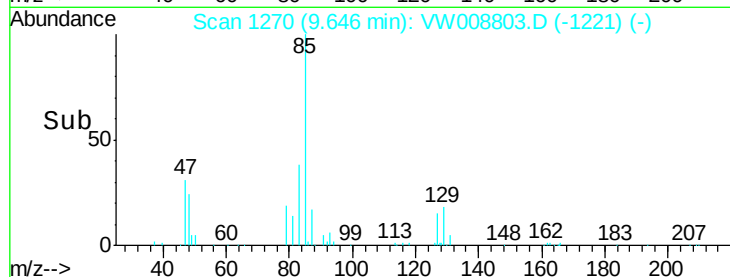
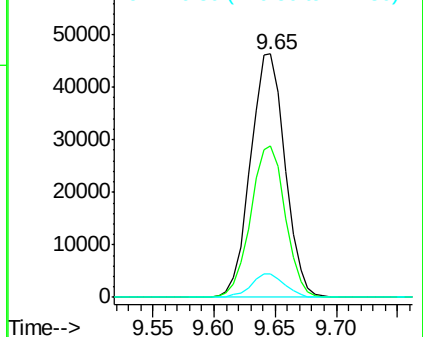
83 100

85 62.4 52.5 78.7

127 9.6 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: 18.989 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

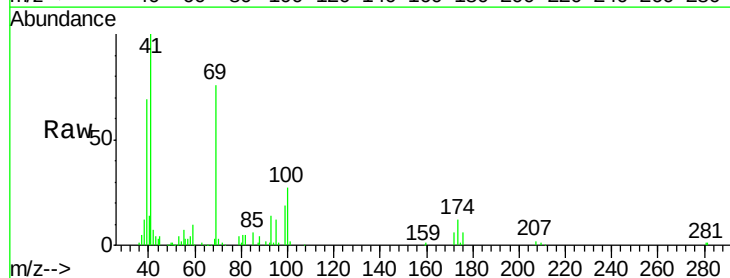
Tgt Ion: 41 Resp: 37847

Ion Ratio Lower Upper

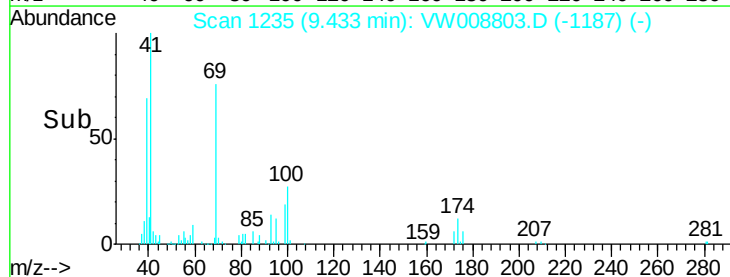
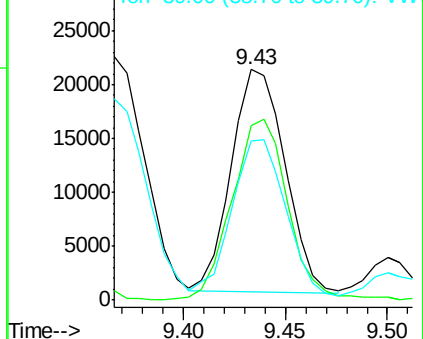
41 100

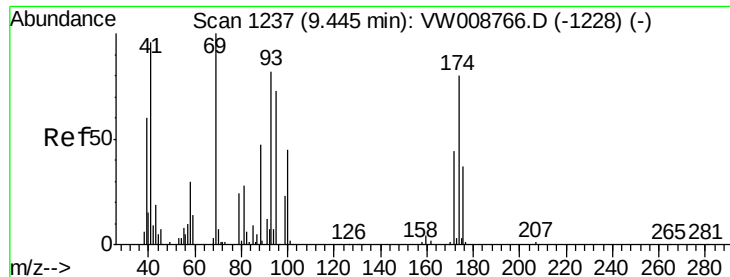
69 85.2 63.6 95.4

39 69.4 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





#49

1,4-Dioxane

Concen: 367.641 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

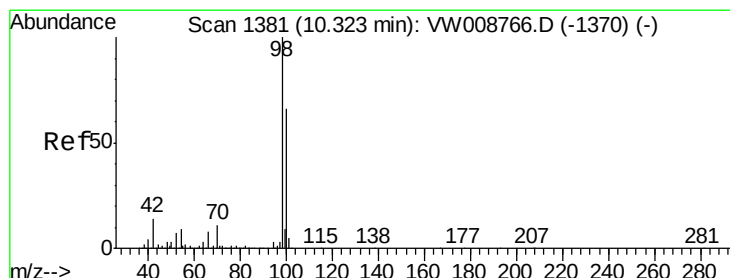
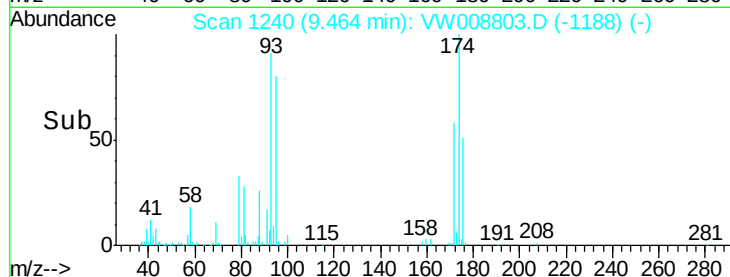
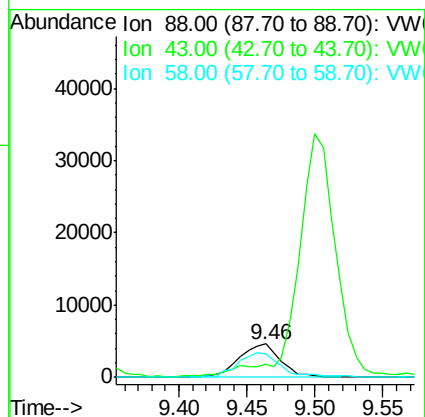
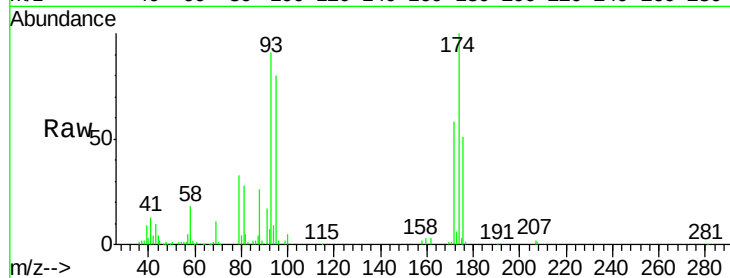
Tot Ion: 88 Resp: 9907

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

58 78.2 52.0 78.0#



#50

Toluene-d8

Concen: 56.649 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008803.D

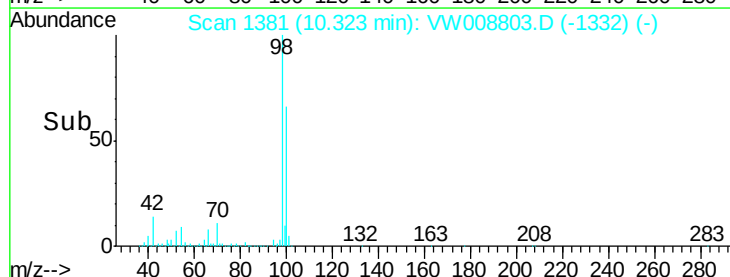
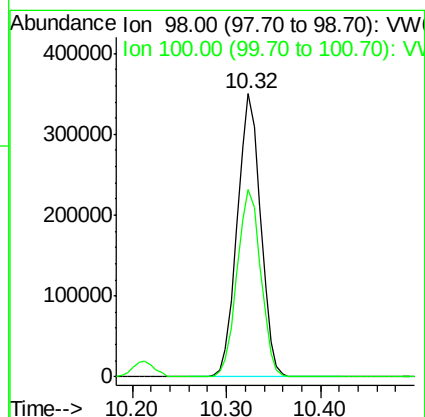
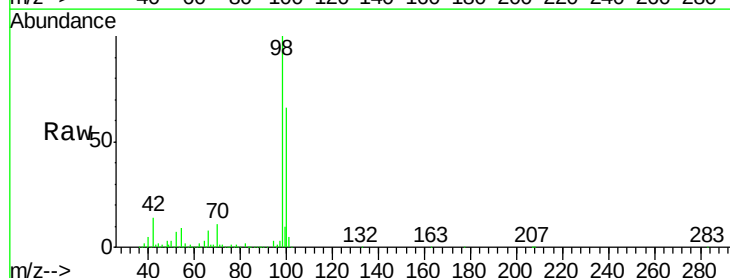
Acq: 25 Feb 2019 13:35

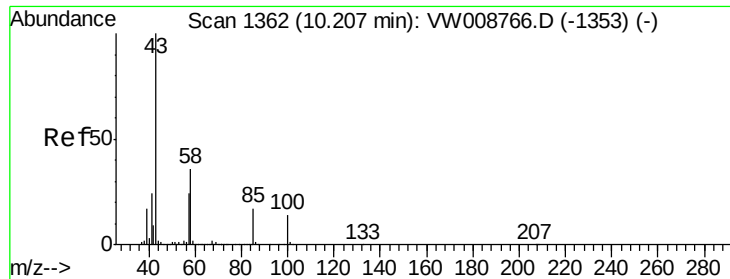
Tgt Ion: 98 Resp: 604785

Ion Ratio Lower Upper

98 100

100 67.1 52.4 78.6

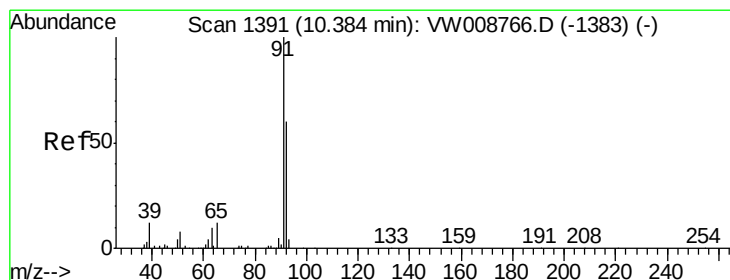
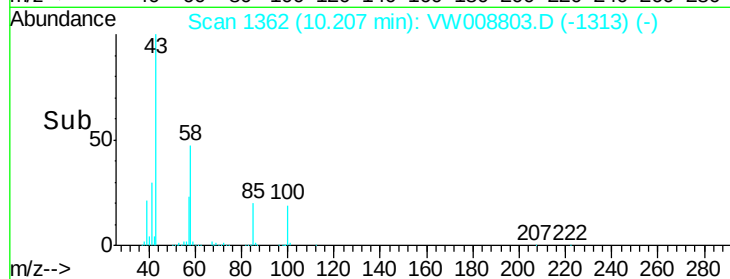
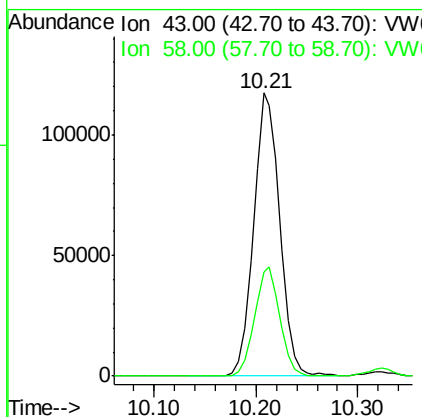
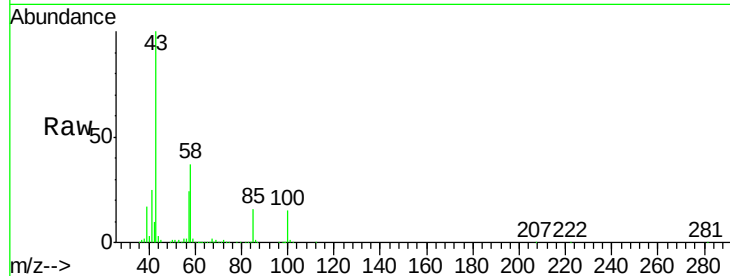




#51
 4-Methyl-2-Pentanone
 Concen: 99.288 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

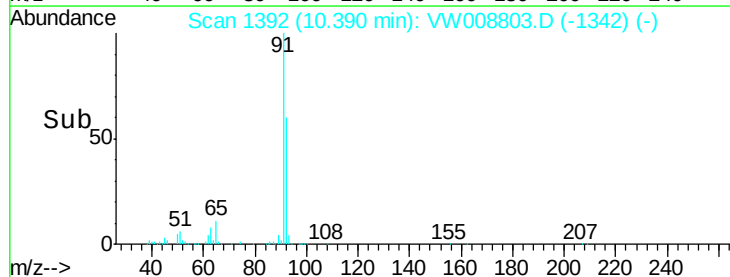
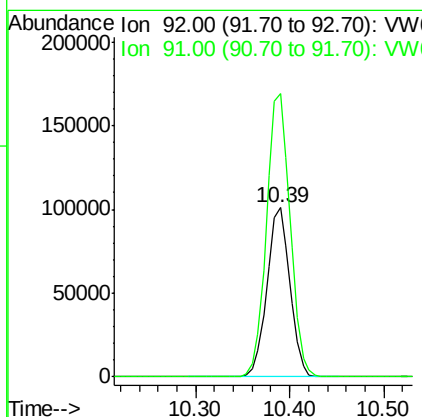
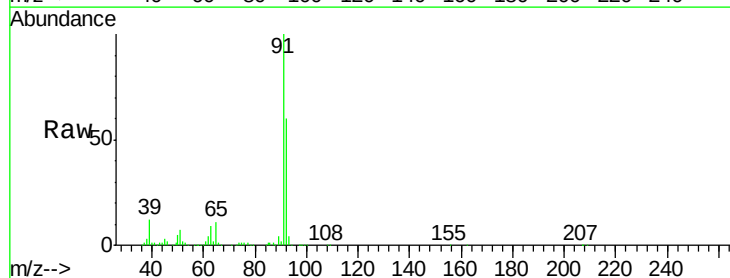
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0225SBS01

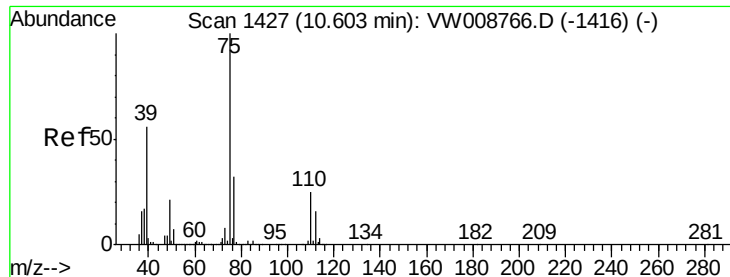
Tot Ion: 43 Resp: 209768
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.1 43.7



#52
 Toluene
 Concen: 20.786 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion: 92 Resp: 172702
 Ion Ratio Lower Upper
 92 100
 91 172.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 21.595 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

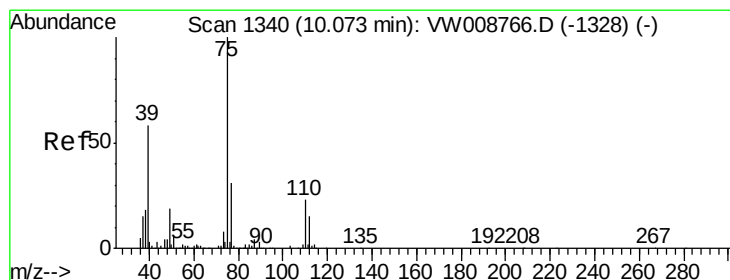
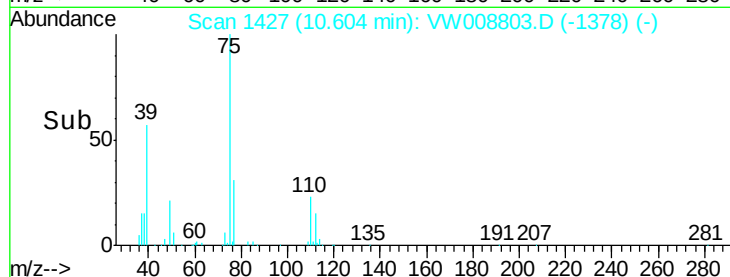
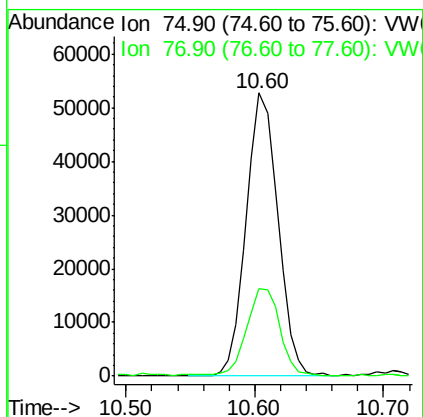
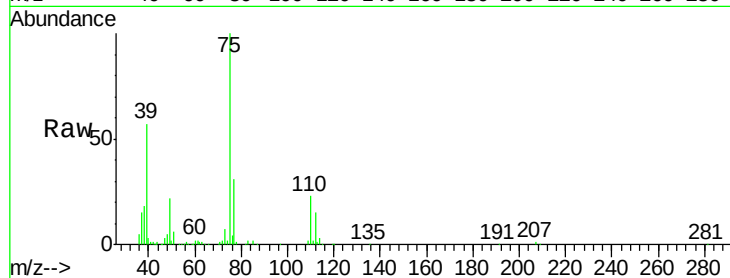
VW0225SBSD01

Tot Ion: 75 Resp: 90117

Ion Ratio Lower Upper

75 100

77 30.6 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 21.739 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

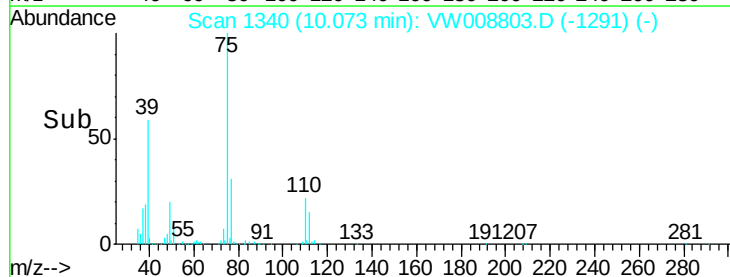
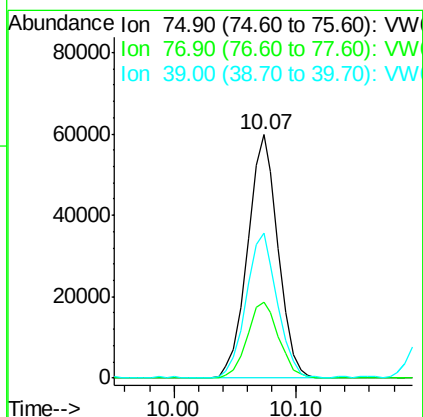
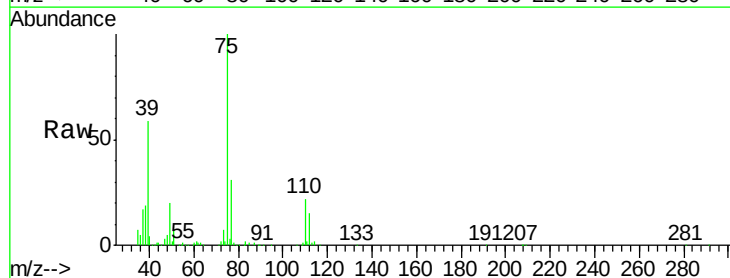
Tgt Ion: 75 Resp: 103465

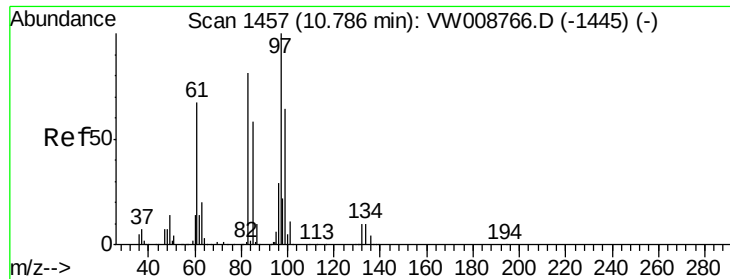
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 58.9 46.6 70.0





#55

1,1,2-Trichloroethane

Concen: 22.414 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

Tot Ion: 97 Resp: 51150

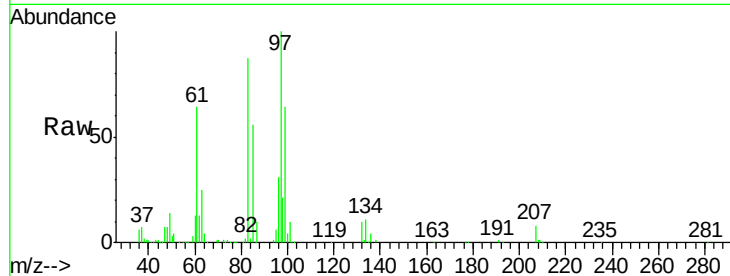
Ion Ratio Lower Upper

97 100

83 87.2 65.0 97.6

85 56.2 46.0 69.0

99 63.6 51.1 76.7

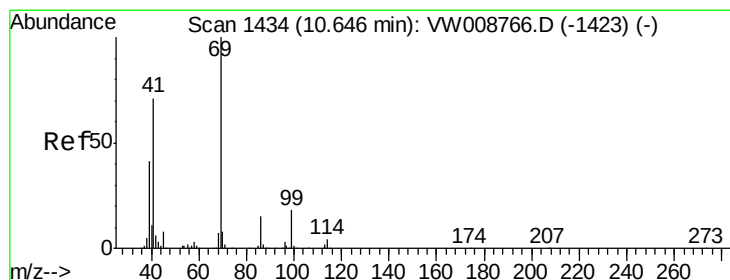
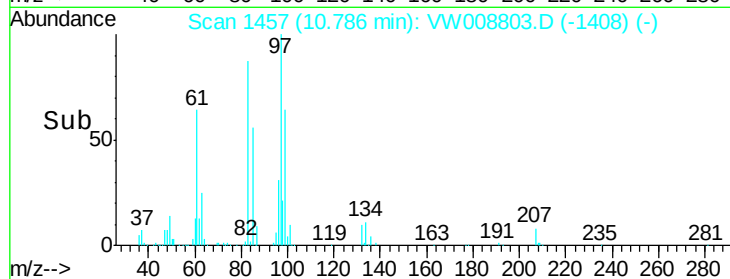
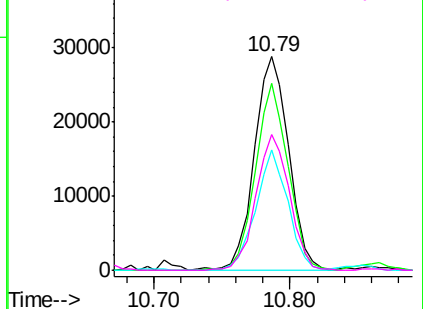


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 19.950 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

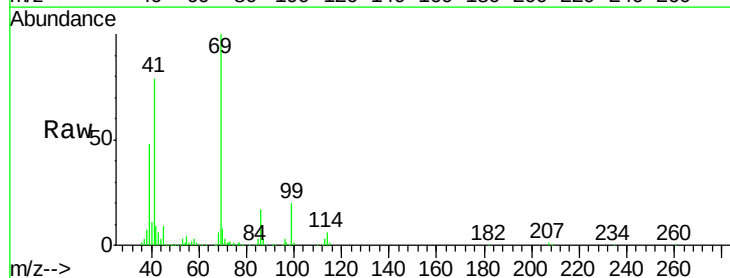
Tgt Ion: 69 Resp: 59148

Ion Ratio Lower Upper

69 100

41 72.7 57.4 86.0

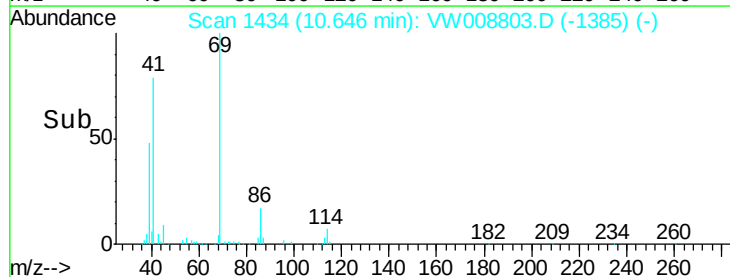
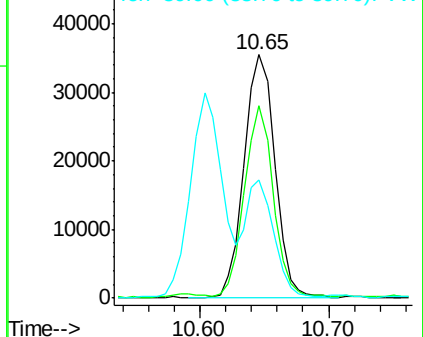
39 43.5 34.8 52.2

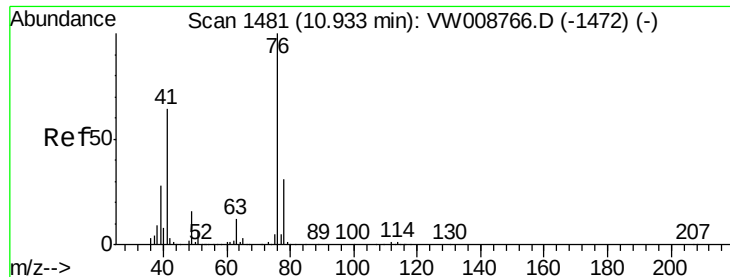


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

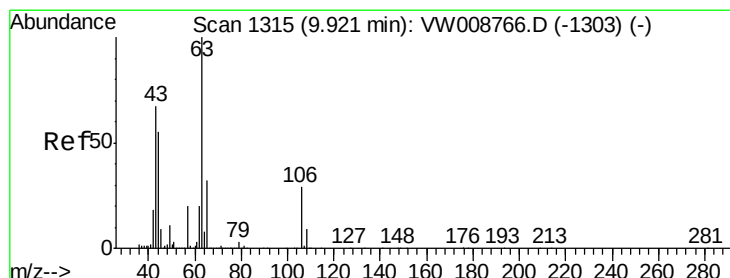
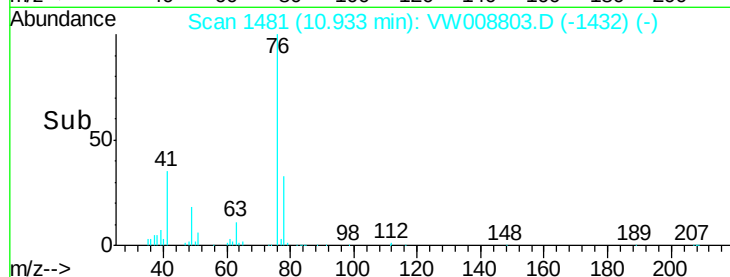
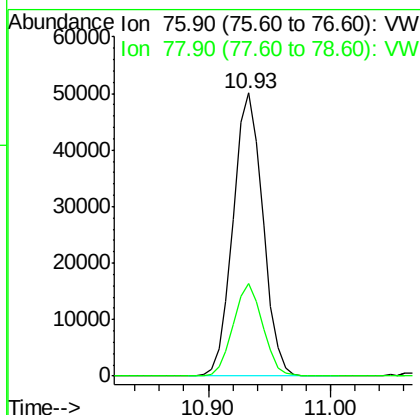
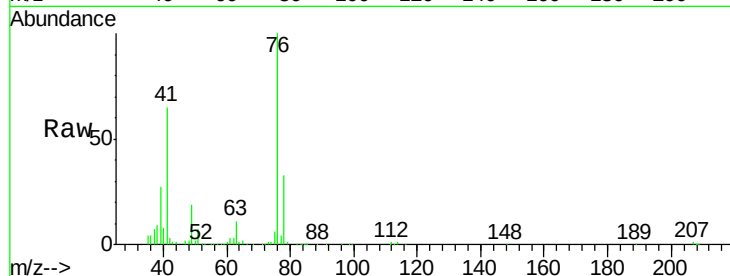




#57
 1,3-Dichloropropane
 Concen: 20.921 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

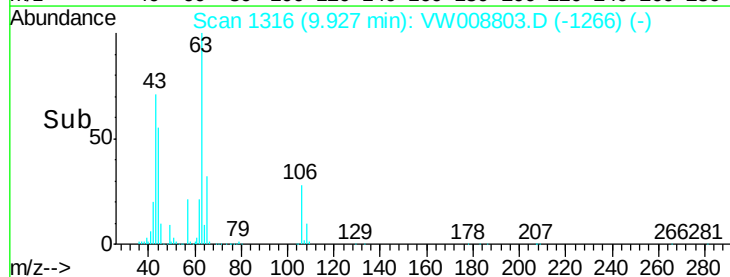
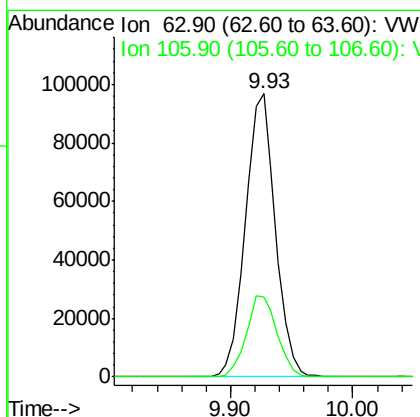
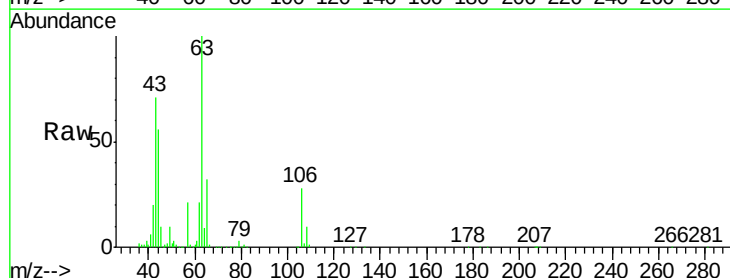
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

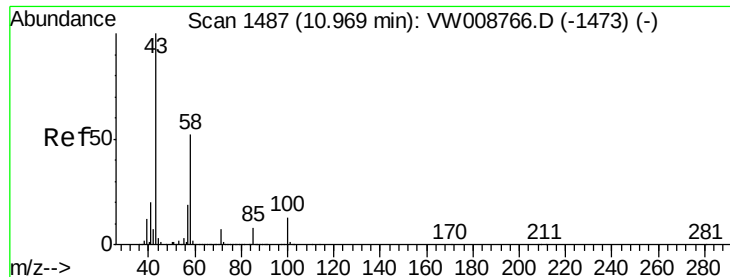
Tot Ion: 76 Resp: 84297
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.358 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion: 63 Resp: 164563
 Ion Ratio Lower Upper
 63 100
 106 29.5 24.0 36.0

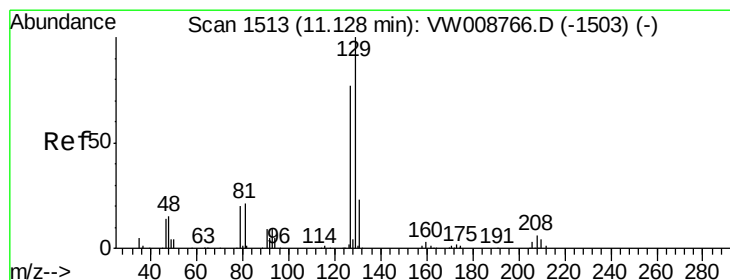
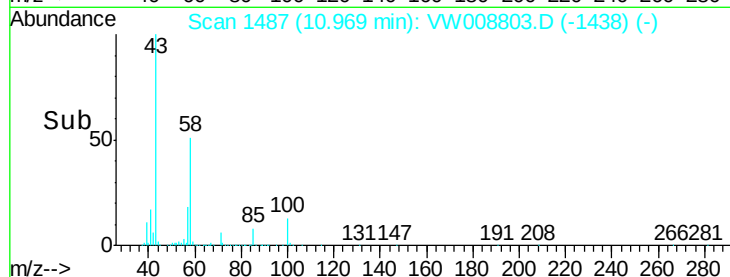
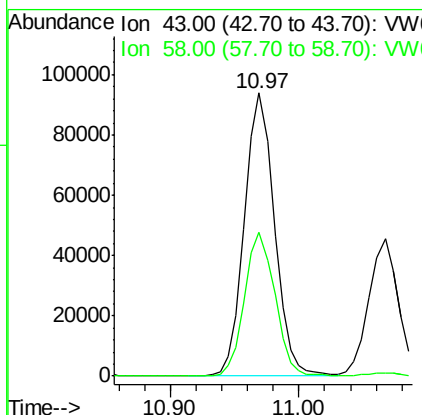
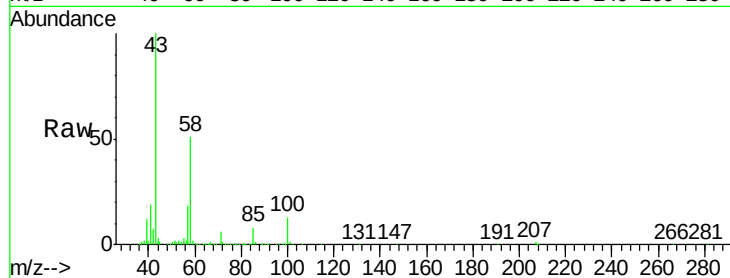




#59
2-Hexanone
Concen: 100.738 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

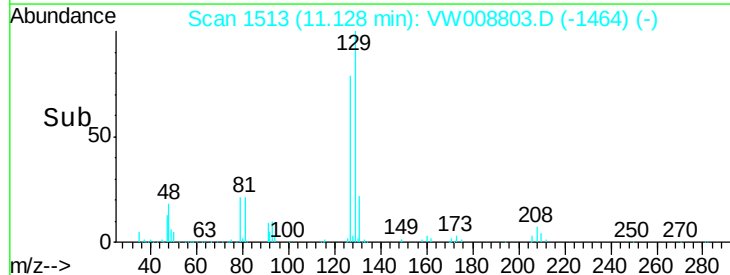
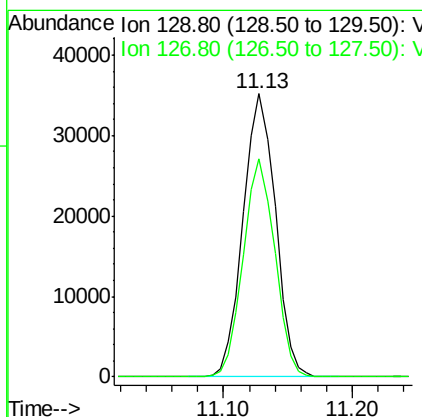
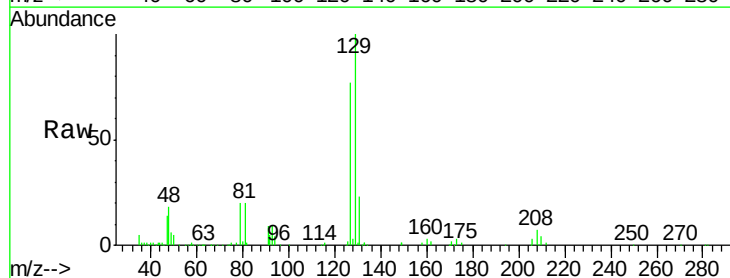
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

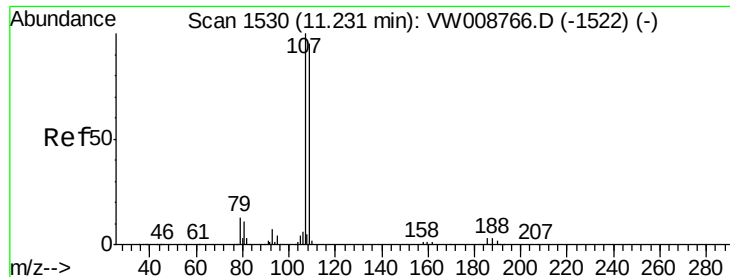
Tot Ion: 43 Resp: 151503
Ion Ratio Lower Upper
43 100
58 51.4 25.3 75.8



#60
Dibromochloromethane
Concen: 21.975 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion: 129 Resp: 61168
Ion Ratio Lower Upper
129 100
127 75.1 39.0 116.9

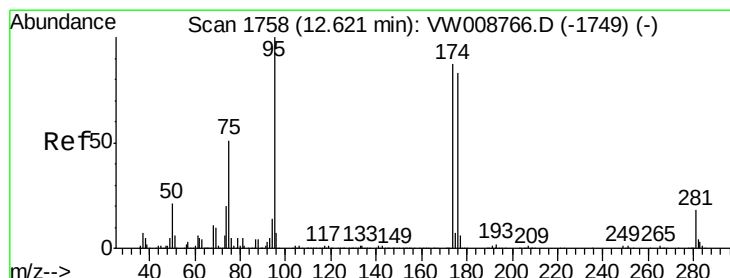
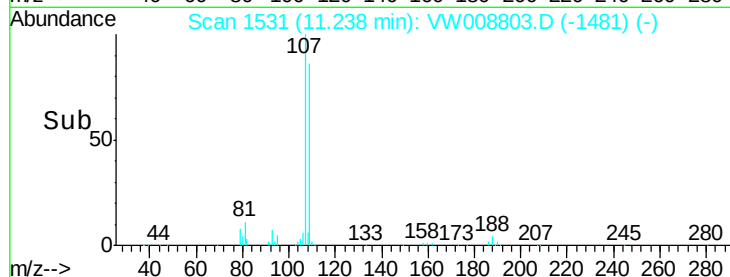
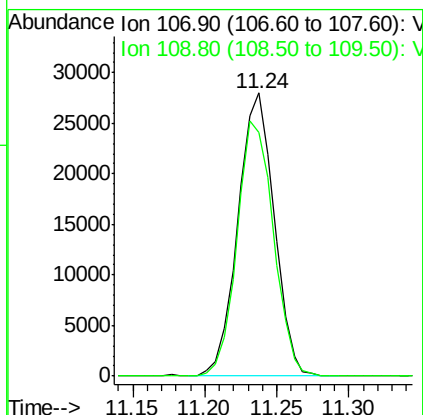
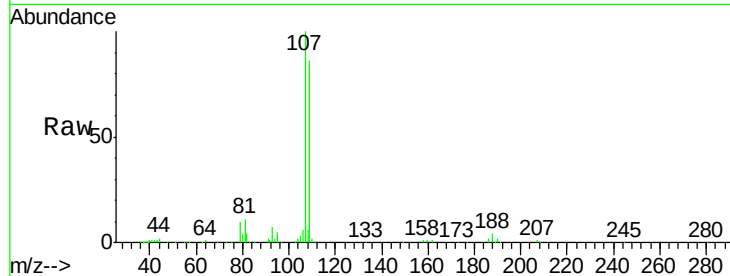




#61
 1,2-Dibromoethane
 Concen: 21.655 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

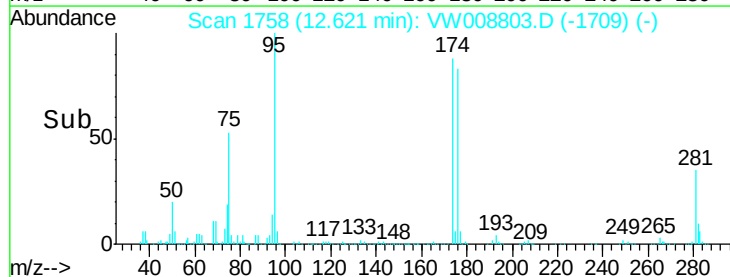
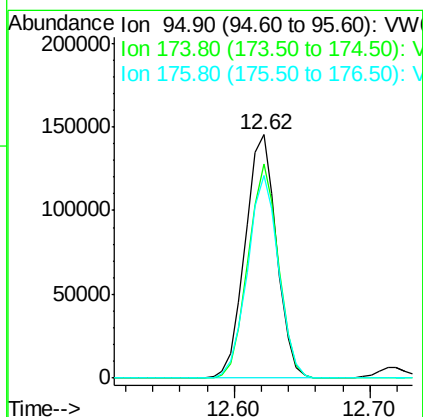
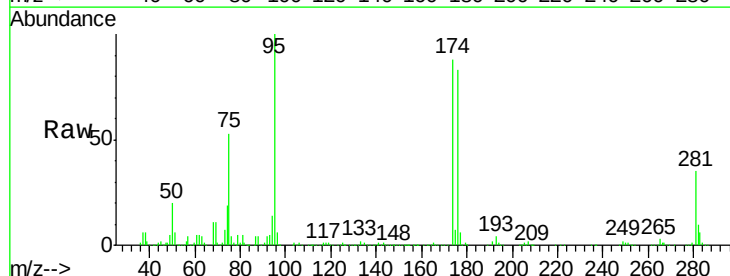
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

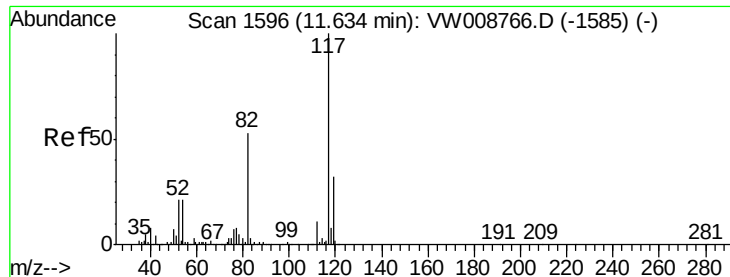
Tot Ion: 107 Resp: 48915
 Ion Ratio Lower Upper
 107 100
 109 90.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 56.077 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion: 95 Resp: 234407
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 169.2
 176 82.6 0.0 163.6

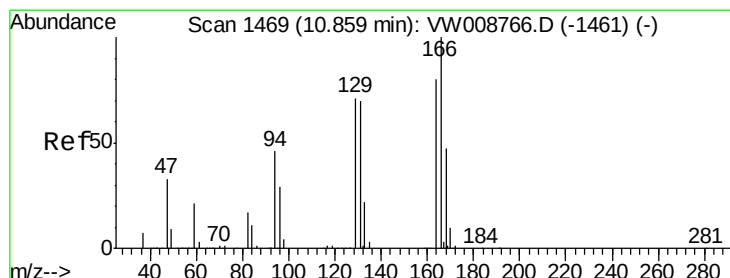
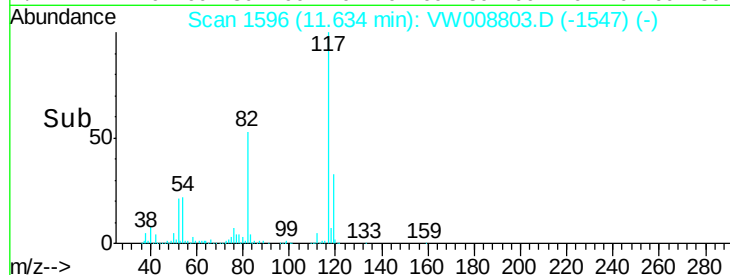
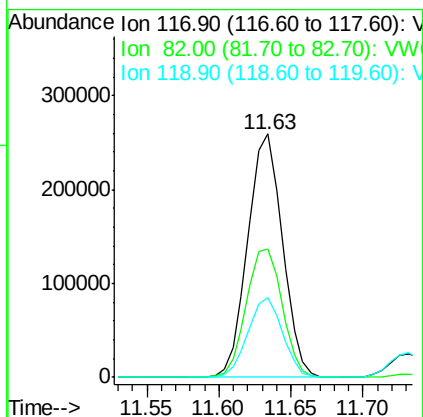
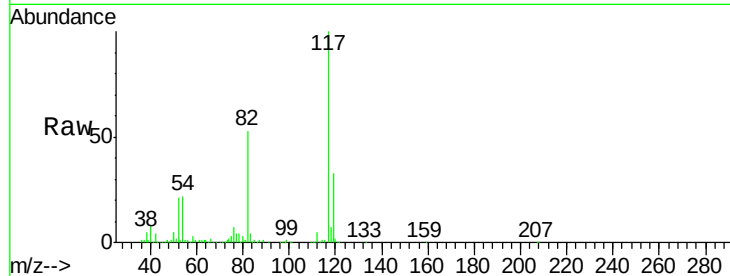




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

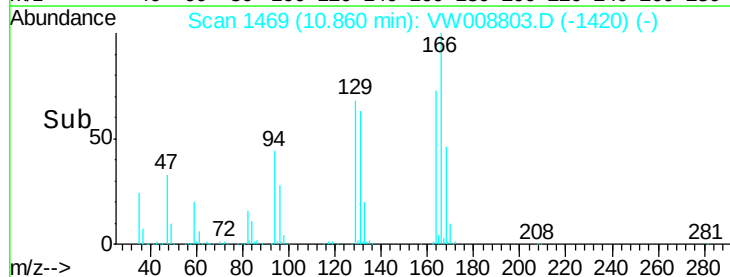
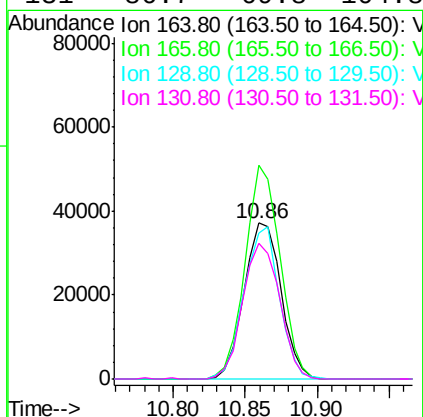
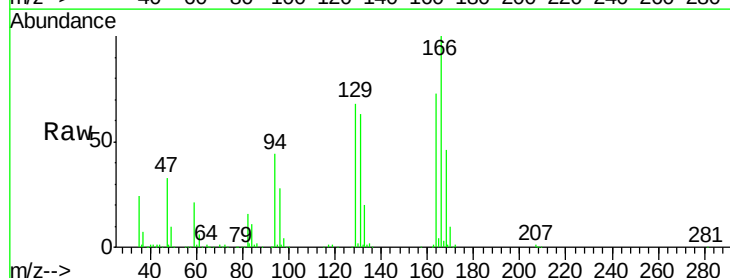
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

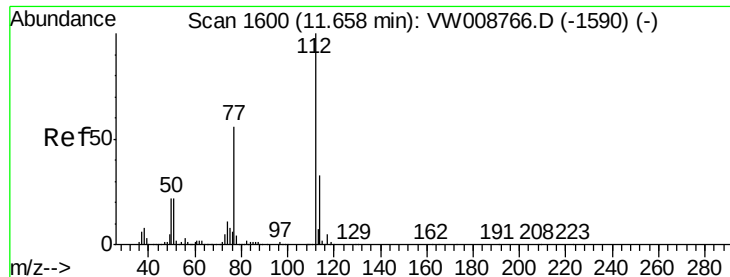
Tot Ion:117 Resp: 432674
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.7 25.9 38.9



#64
Tetrachloroethene
Concen: 21.313 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion:164 Resp: 66011
Ion Ratio Lower Upper
164 100
166 136.8 99.5 149.3
129 93.7 71.1 106.7
131 86.7 69.8 104.8

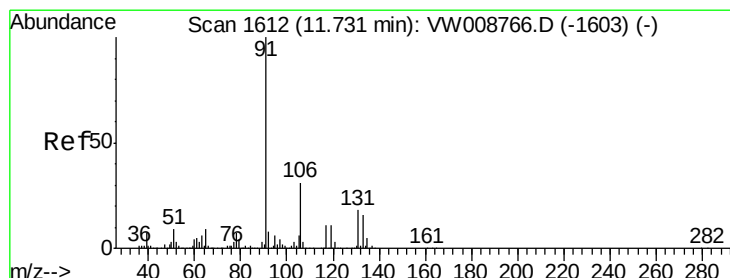
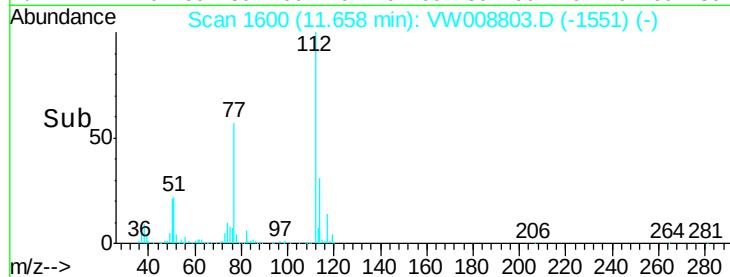
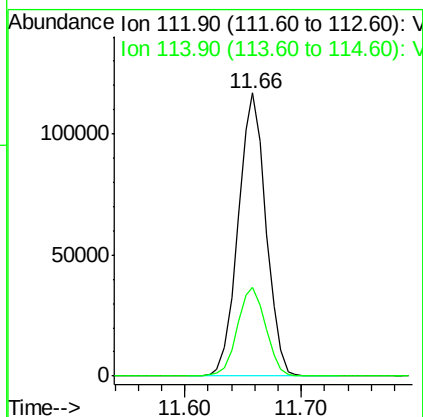
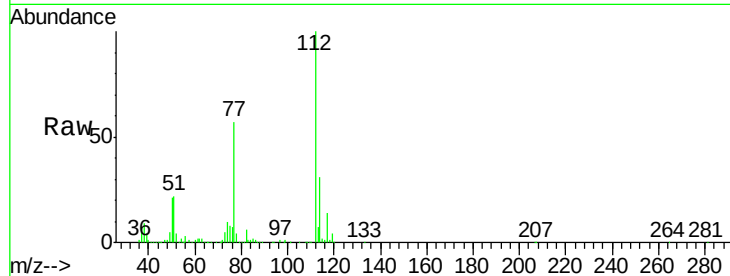




#65
Chlorobenzene
Concen: 21.313 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

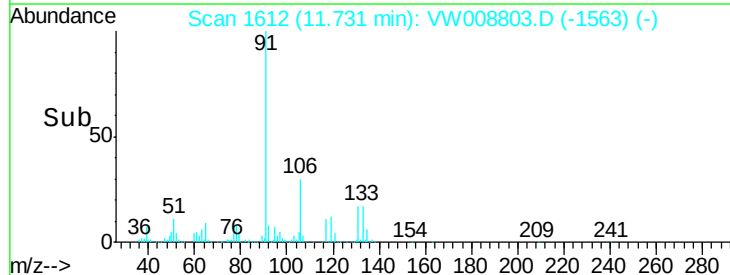
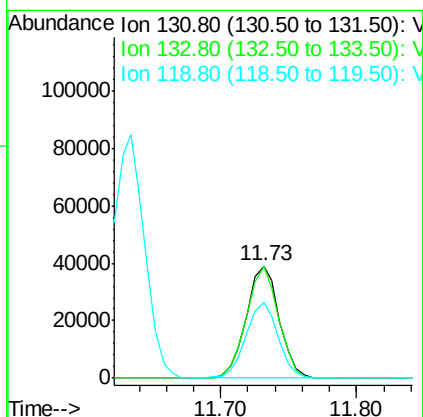
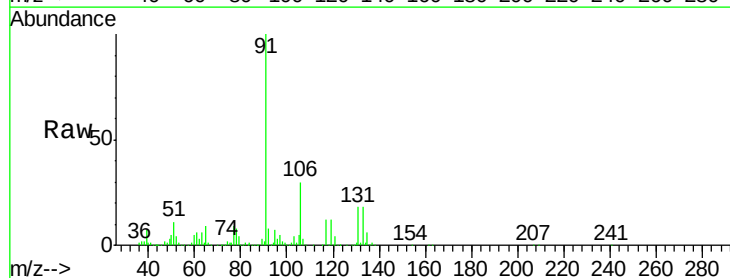
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

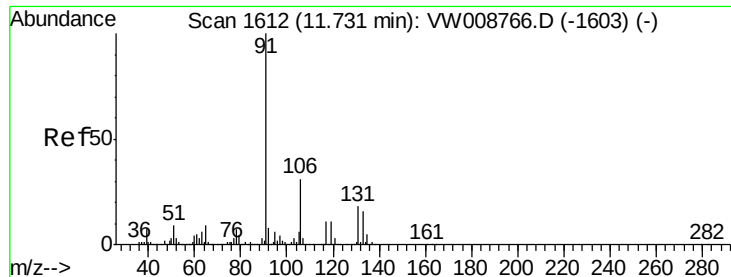
Tot Ion:112 Resp: 193905
Ion Ratio Lower Upper
112 100
114 31.2 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.487 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion:131 Resp: 66099
Ion Ratio Lower Upper
131 100
133 96.9 46.7 140.0
119 66.5 30.8 92.4

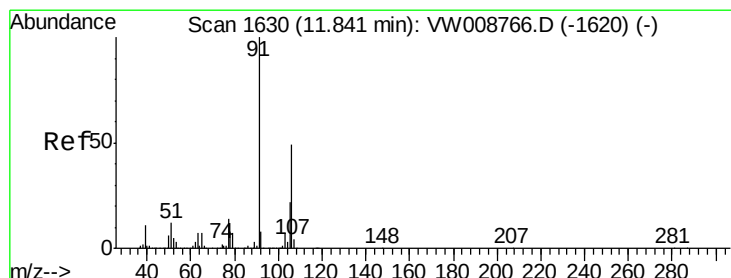
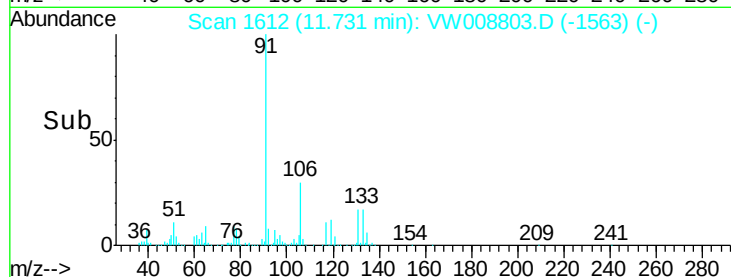
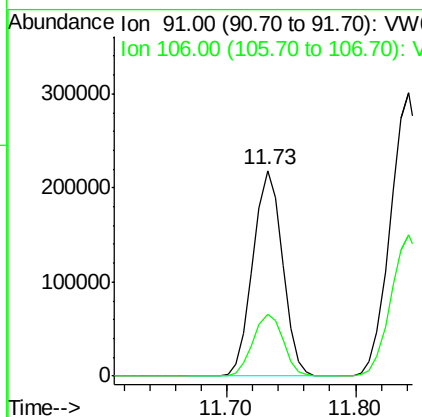
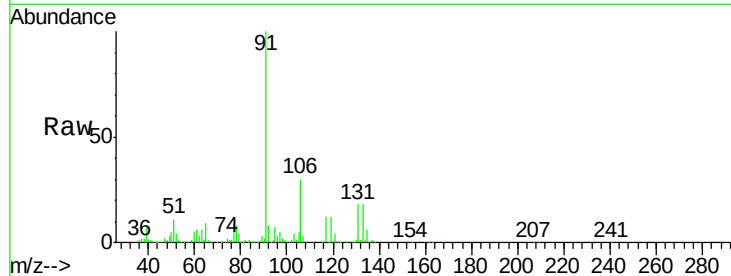




#67
Ethyl Benzene
Concen: 21.318 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

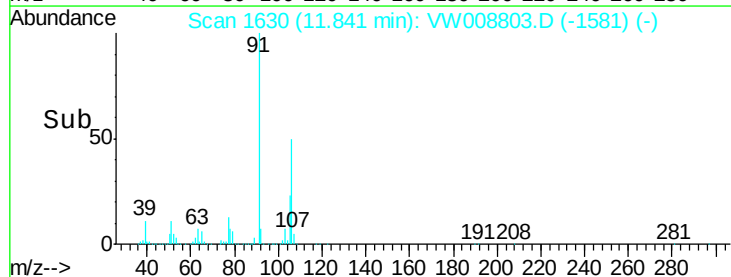
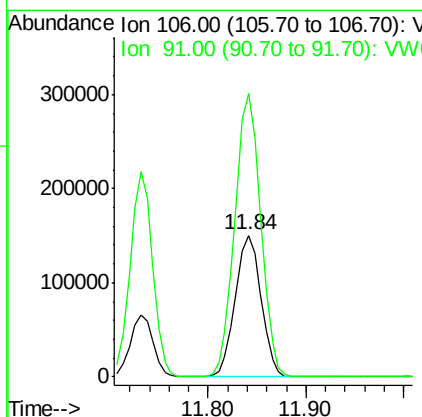
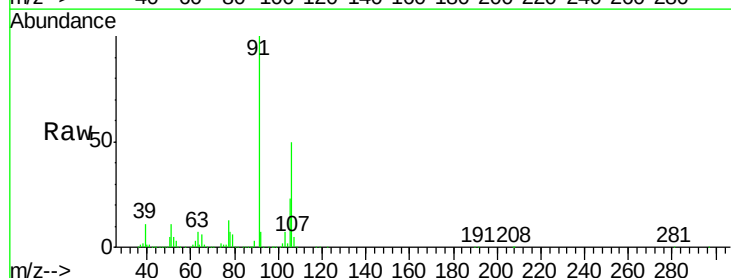
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

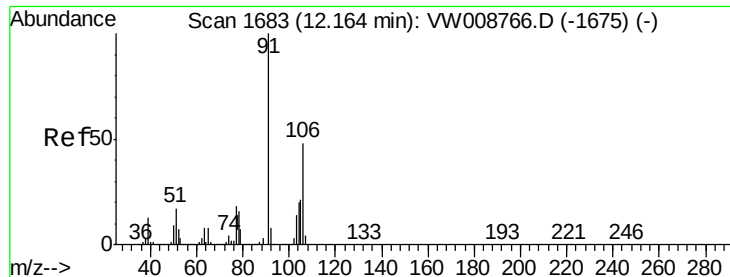
Tot Ion: 91 Resp: 346709
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6



#68
m/p-Xylenes
Concen: 42.628 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion:106 Resp: 277007
Ion Ratio Lower Upper
106 100
91 200.5 161.5 242.3

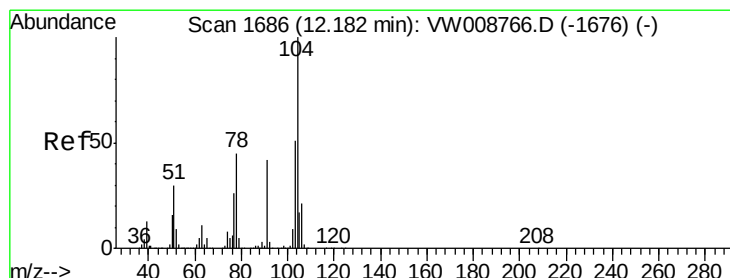
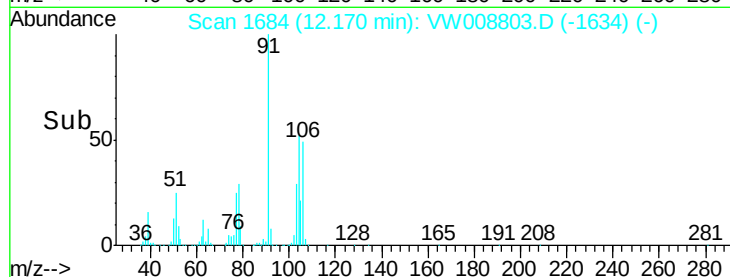
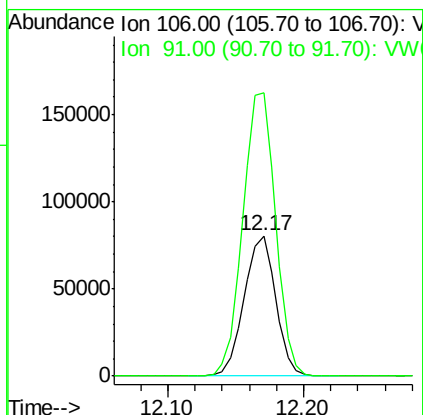
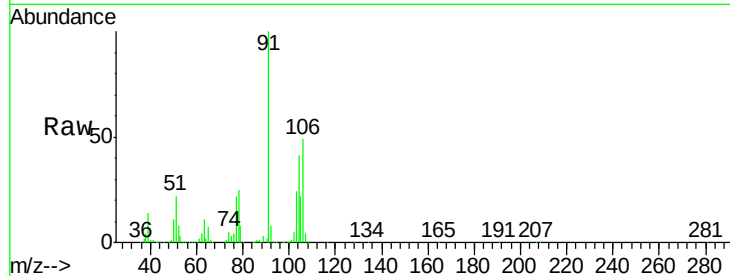




#69
o-Xylene
Concen: 21.406 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

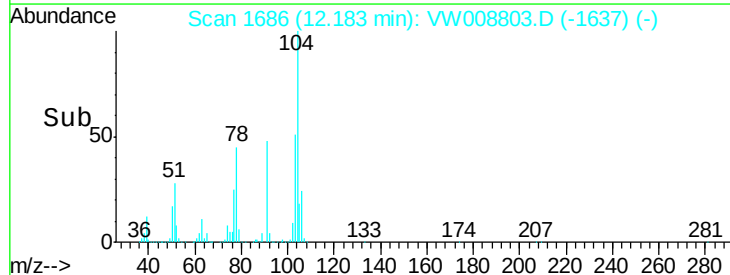
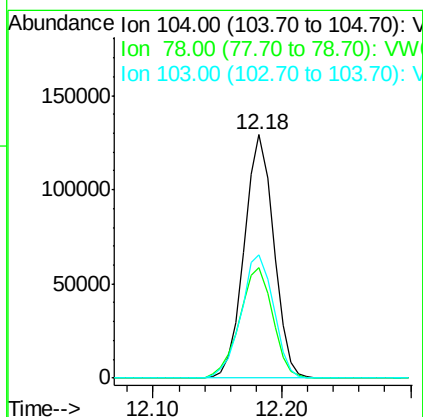
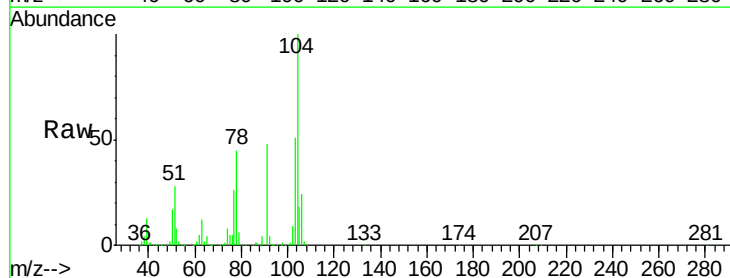
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

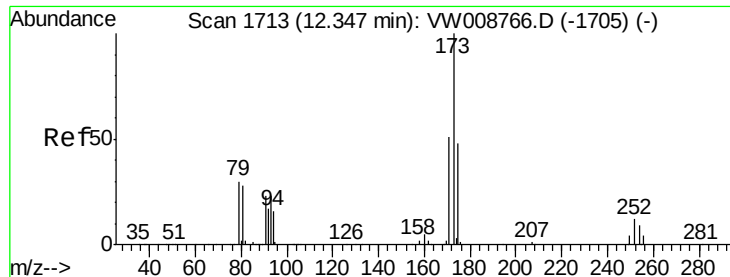
Tot Ion:106 Resp: 130561
Ion Ratio Lower Upper
106 100
91 210.0 106.2 318.6



#70
Styrene
Concen: 20.841 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion:104 Resp: 204513
Ion Ratio Lower Upper
104 100
78 51.1 40.8 61.2
103 55.9 44.2 66.2





#71

Bromoform

Concen: 20.579 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

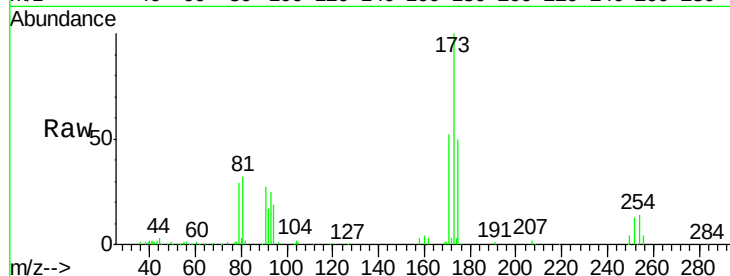
Tot Ion:173 Resp: 34028

Ion Ratio Lower Upper

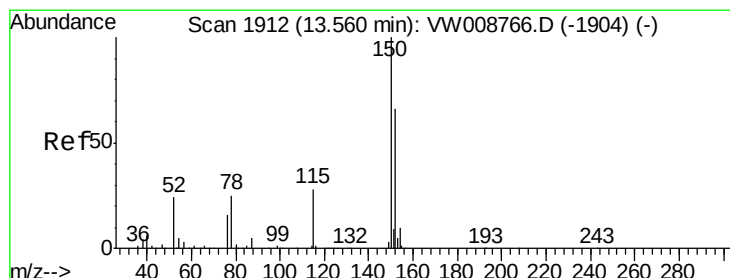
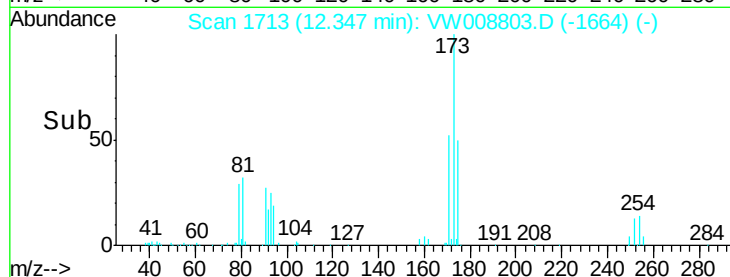
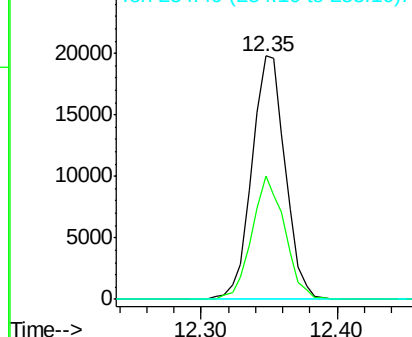
173 100

175 49.6 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: VW008803.D

Acq: 25 Feb 2019 13:35

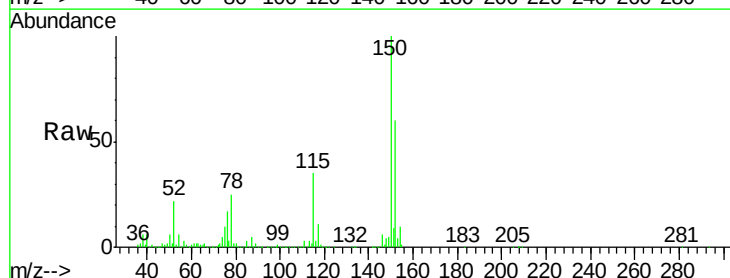
Tgt Ion:152 Resp: 238586

Ion Ratio Lower Upper

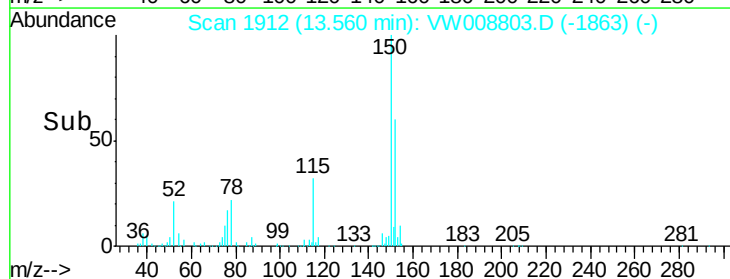
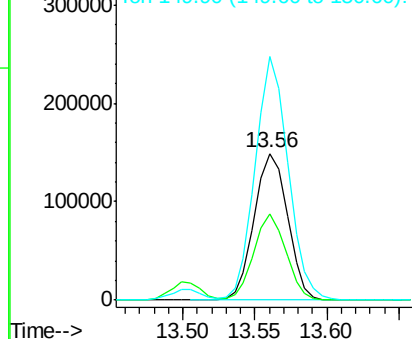
152 100

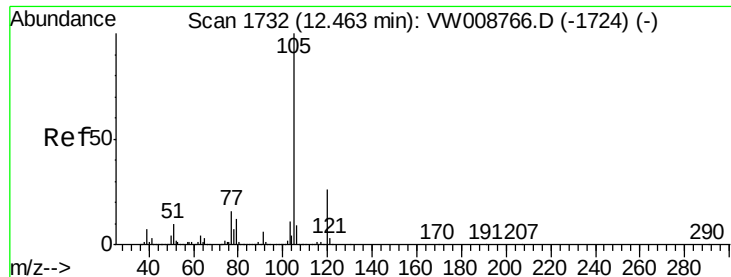
115 56.7 28.6 85.8

150 164.4 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: 21.348 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

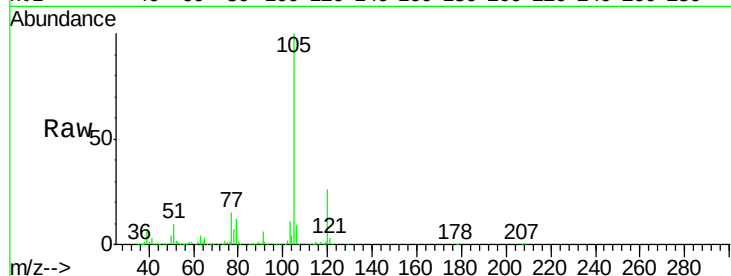
VW0225SBSD01

Tot Ion:105 Resp: 349163

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

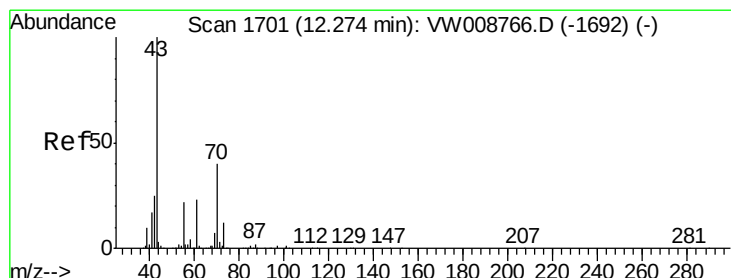
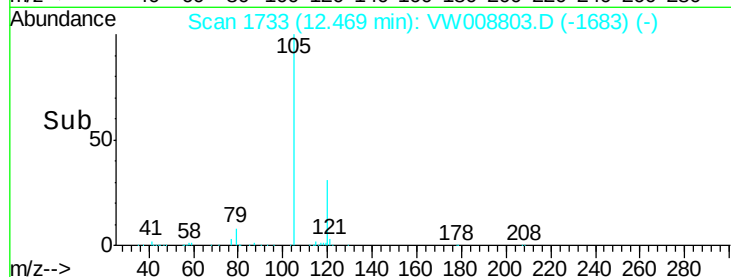
0

12.40

12.47

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.435 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Tgt Ion: 43 Resp: 80071

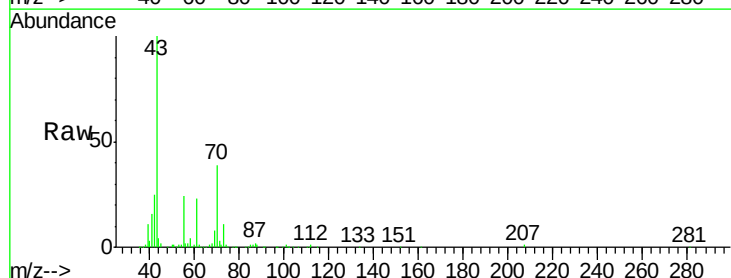
Ion Ratio Lower Upper

43 100

70 40.6 31.0 46.6

55 23.5 18.7 28.1

61 22.0 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

80000

60000

40000

20000

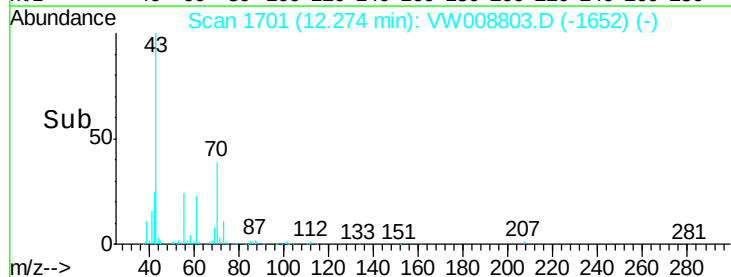
0

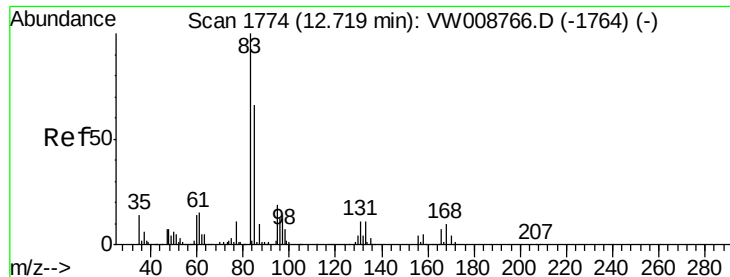
12.20

12.27

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.924 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

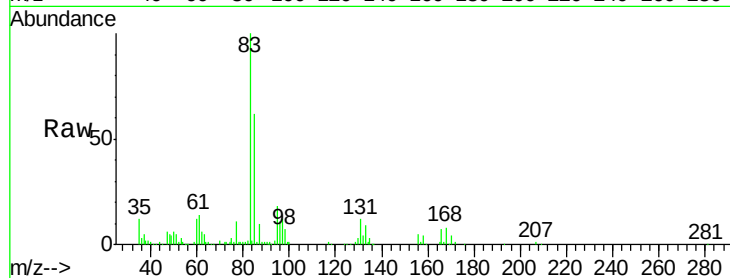
Tot Ion: 83 Resp: 55919

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

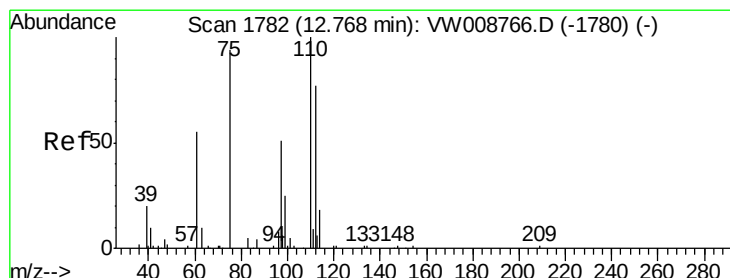
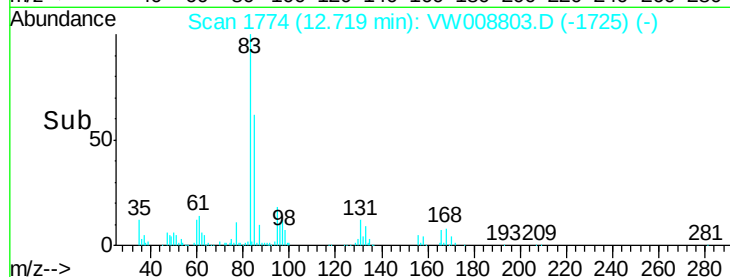
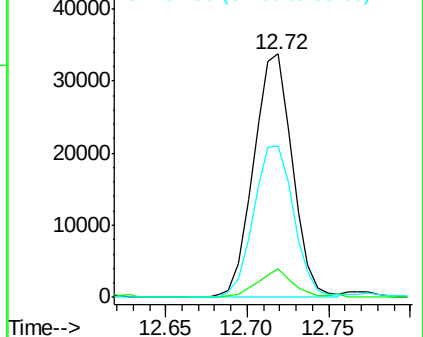
85 64.6 33.0 98.9



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



#76

1,2,3-Trichloropropane

Concen: 20.793 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008803.D

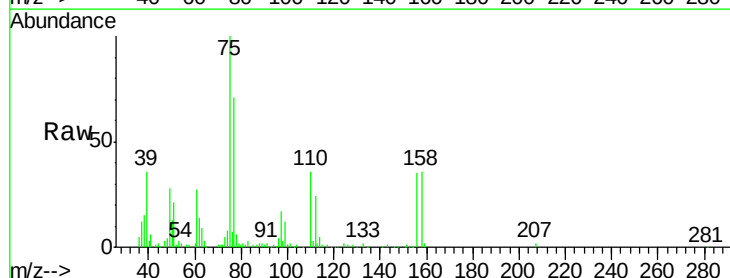
Acq: 25 Feb 2019 13:35

Tgt Ion: 75 Resp: 40959

Ion Ratio Lower Upper

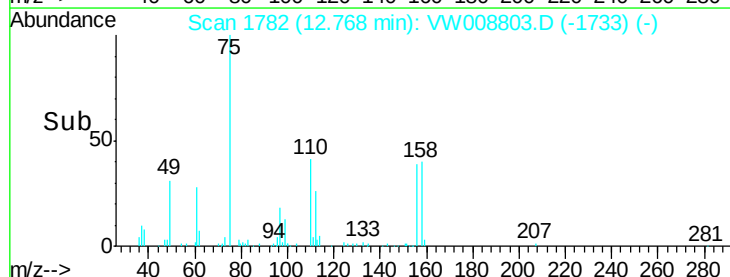
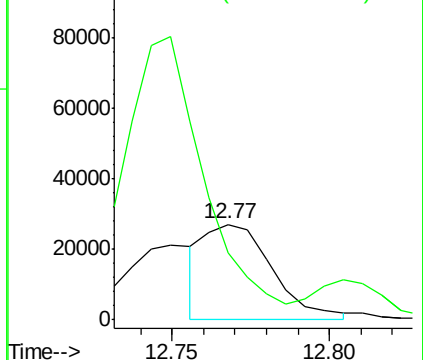
75 100

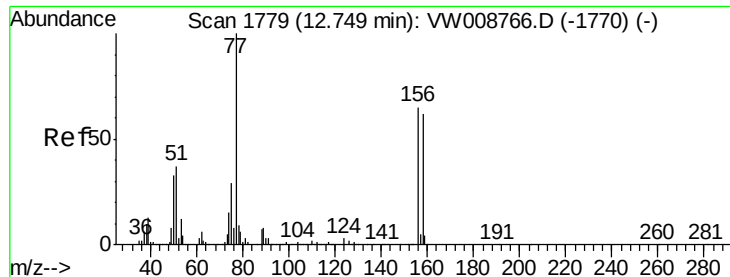
77 352.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.639 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampled :

VW0225SBS01

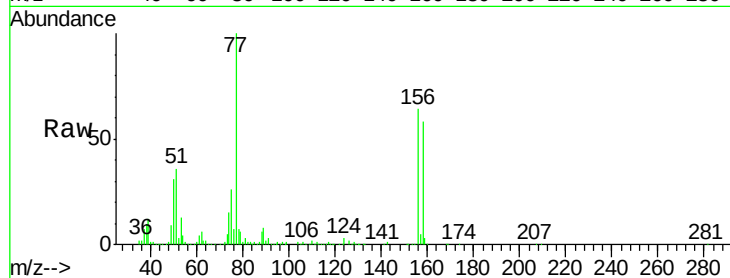
Tot Ion:156 Resp: 83639

Ion Ratio Lower Upper

156 100

77 172.4 89.1 267.4

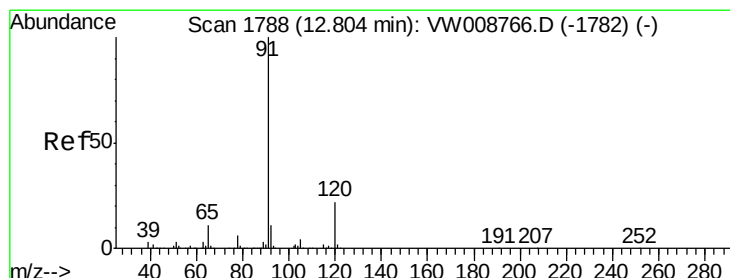
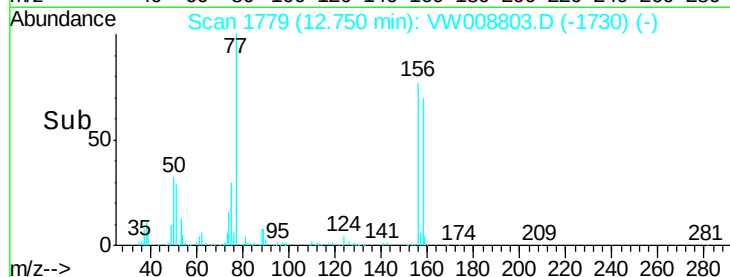
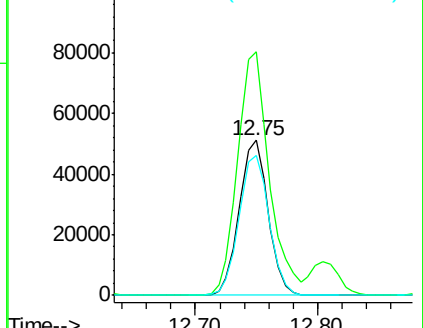
158 94.0 49.2 147.6



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: 21.756 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008803.D

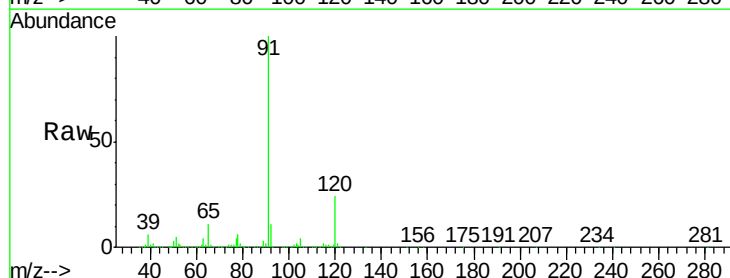
Acq: 25 Feb 2019 13:35

Tgt Ion: 91 Resp: 435285

Ion Ratio Lower Upper

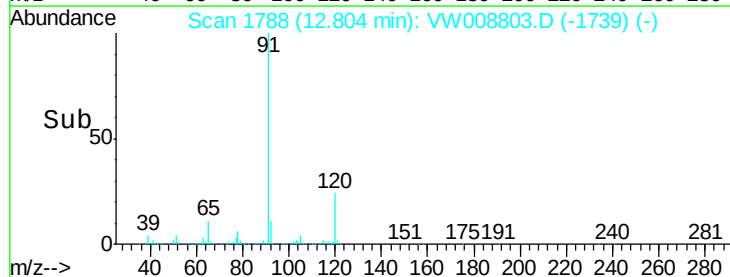
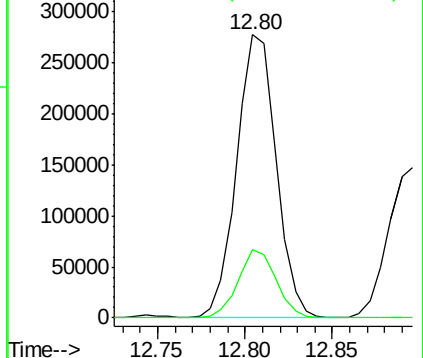
91 100

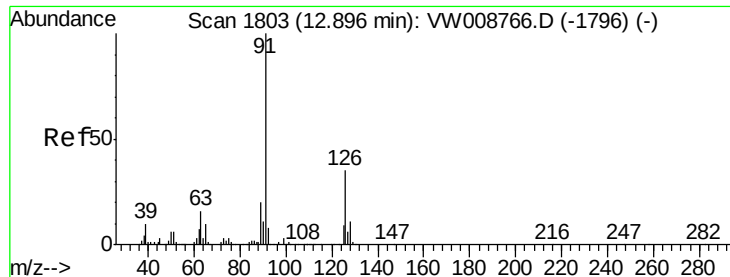
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.105 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

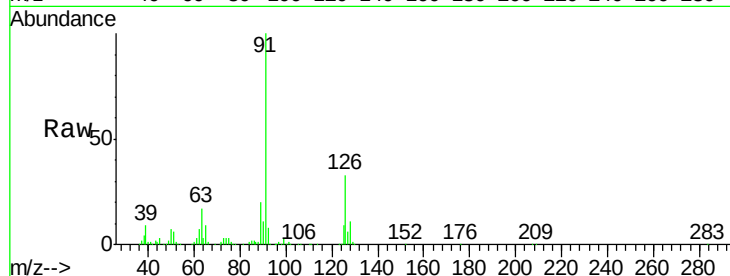
VW0225SBSD01

Tot Ion: 91 Resp: 239732

Ion Ratio Lower Upper

91 100

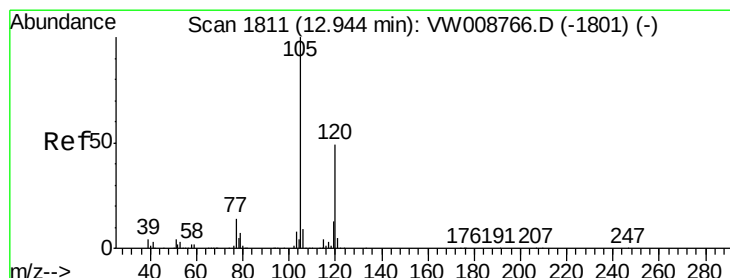
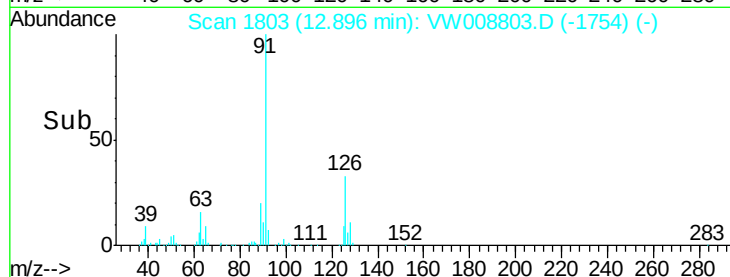
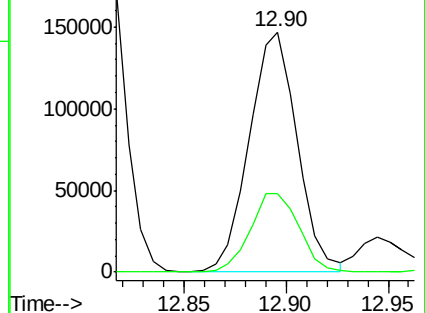
126 33.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.90



#80

1,3,5-Trimethylbenzene

Concen: 21.126 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008803.D

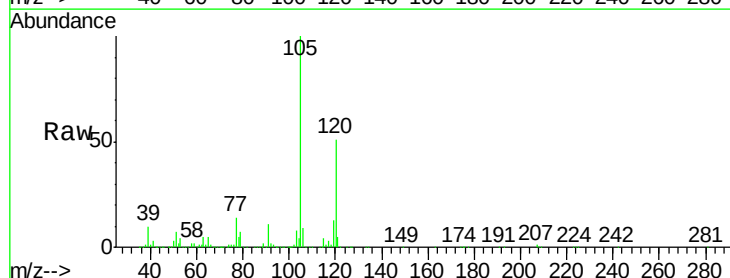
Acq: 25 Feb 2019 13:35

Tgt Ion: 105 Resp: 300274

Ion Ratio Lower Upper

105 100

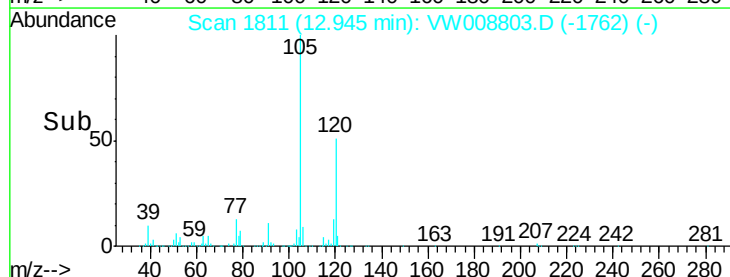
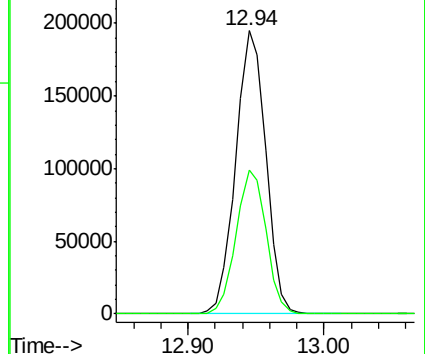
120 50.8 24.8 74.4

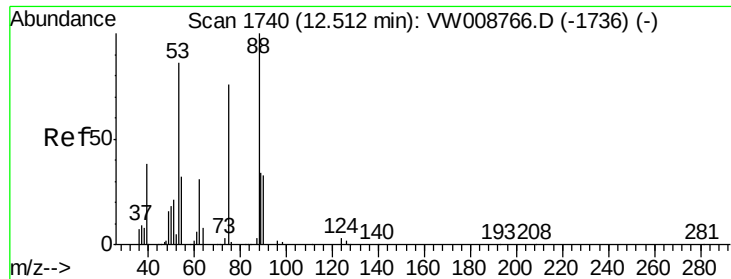


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.94





#81

trans-1,4-Dichloro-2-butene

Concen: 21.574 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

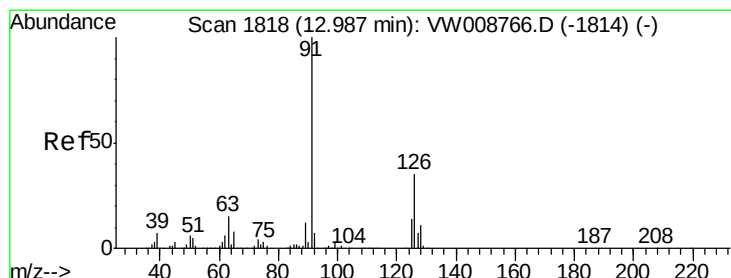
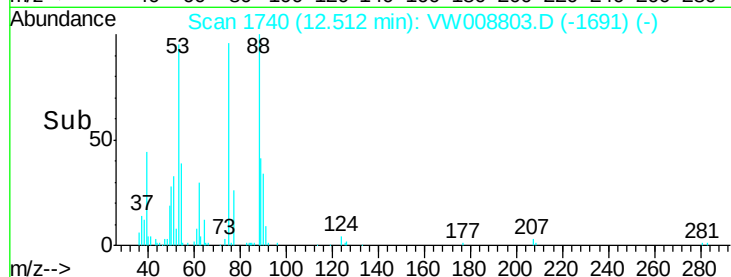
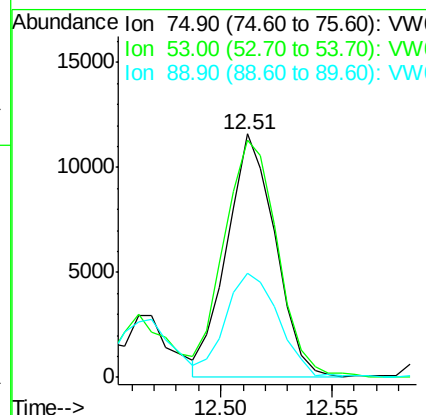
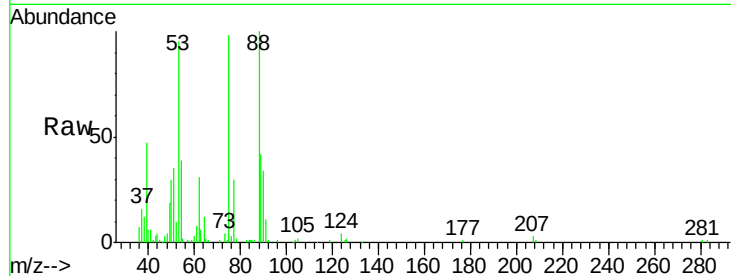
Tot Ion: 75 Resp: 17481

Ion Ratio Lower Upper

75 100

53 107.5 88.2 132.2

89 47.6 39.5 59.3



#82

4-Chlorotoluene

Concen: 21.029 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008803.D

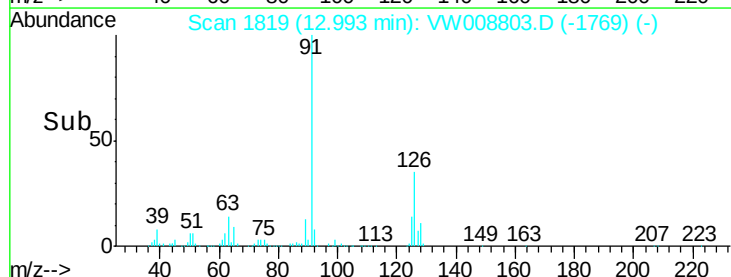
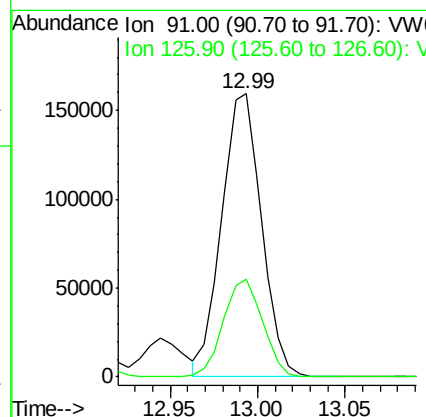
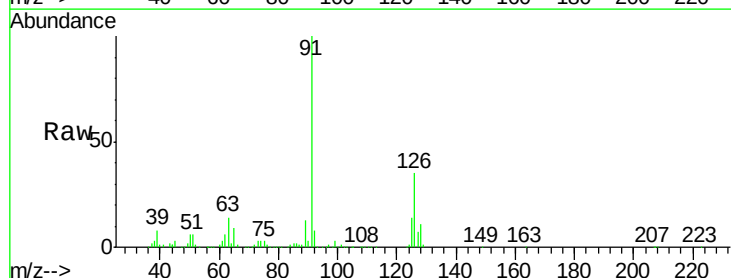
Acq: 25 Feb 2019 13:35

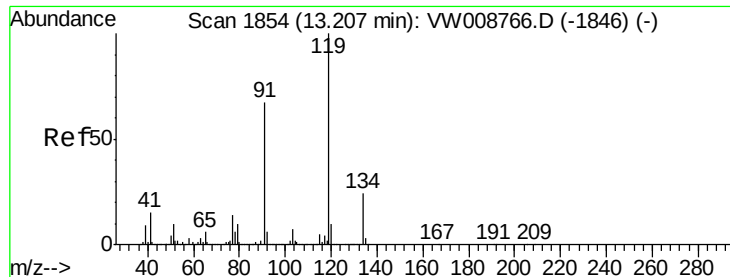
Tgt Ion: 91 Resp: 251724

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.814 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

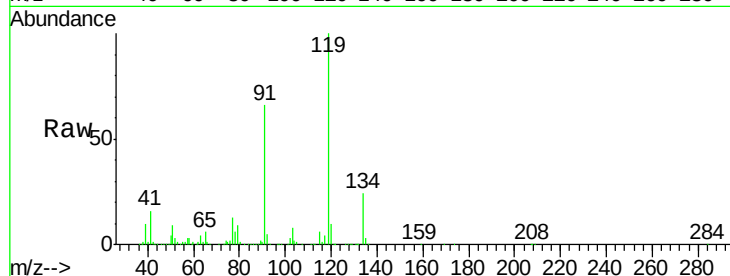
Tot Ion:119 Resp: 268096

Ion Ratio Lower Upper

119 100

91 64.6 33.6 100.8

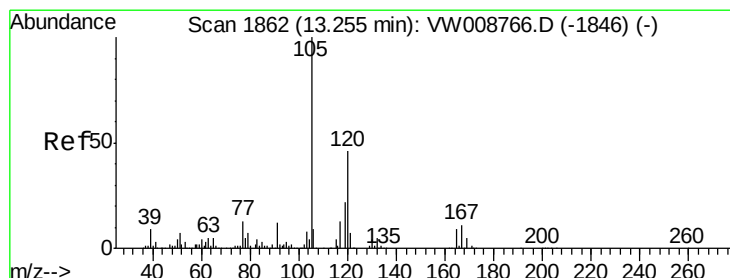
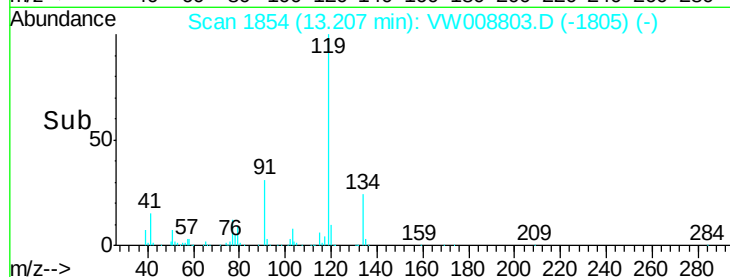
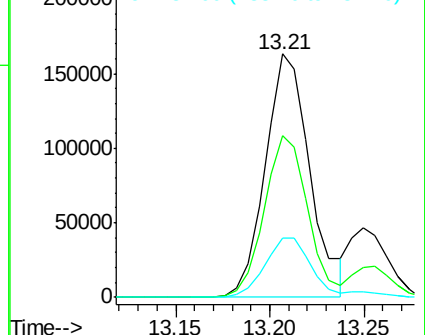
134 26.9 13.7 41.1



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: 20.654 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008803.D

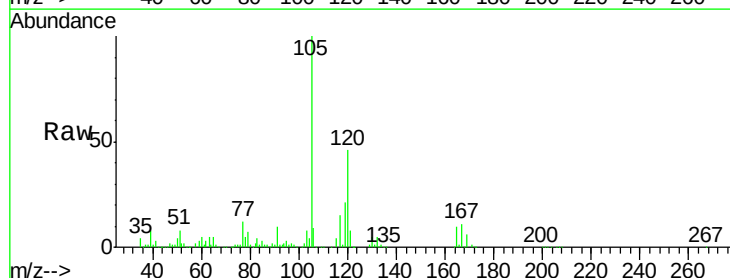
Acq: 25 Feb 2019 13:35

Tgt Ion:105 Resp: 303897

Ion Ratio Lower Upper

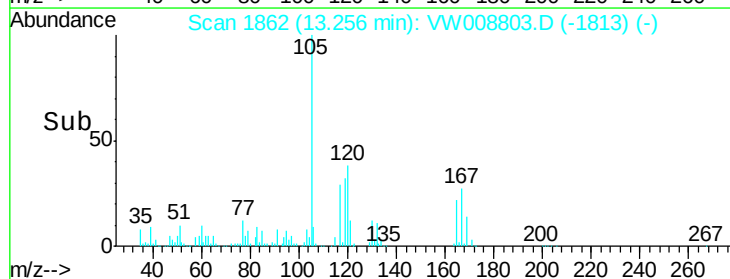
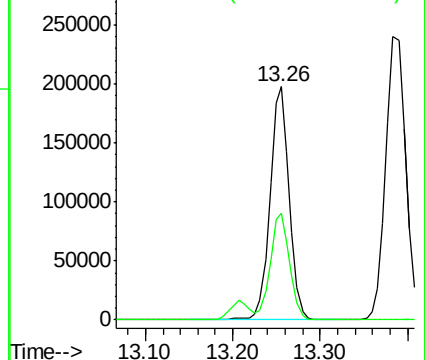
105 100

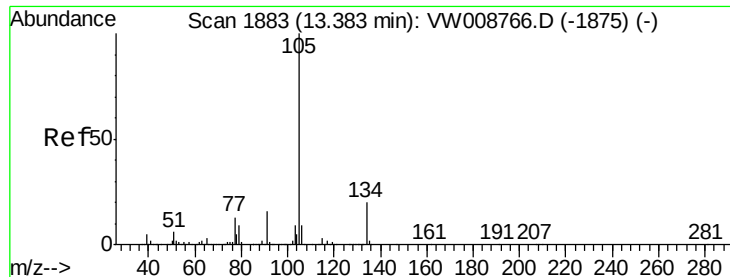
120 45.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.459 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

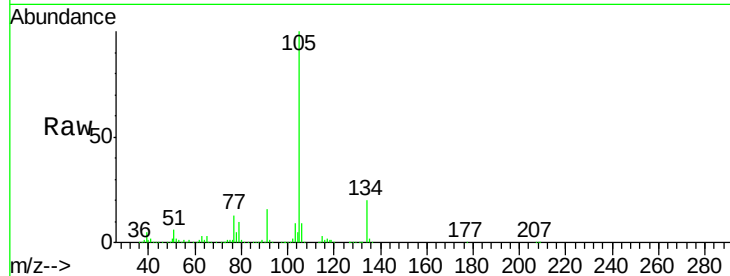
VW0225SBSD01

Tot Ion:105 Resp: 379225

Ion Ratio Lower Upper

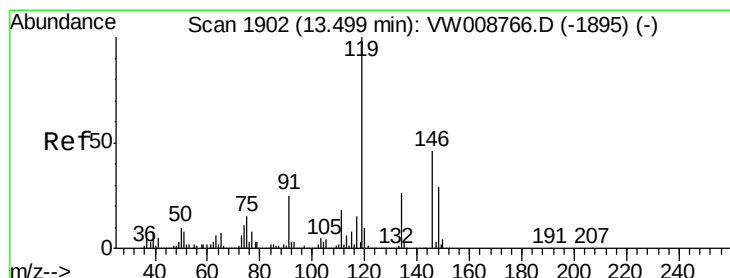
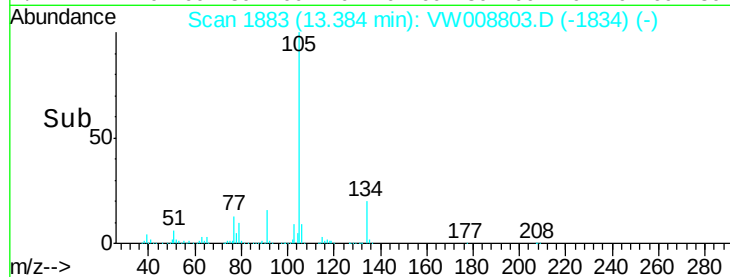
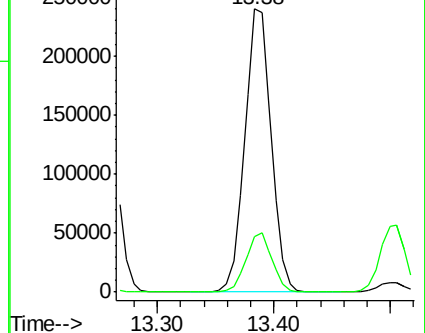
105 100

134 20.6 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: 20.744 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

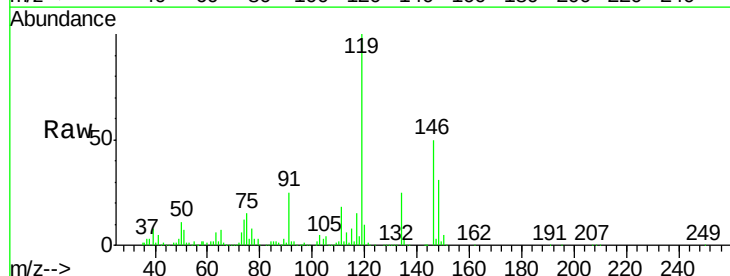
Tgt Ion:119 Resp: 336069

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

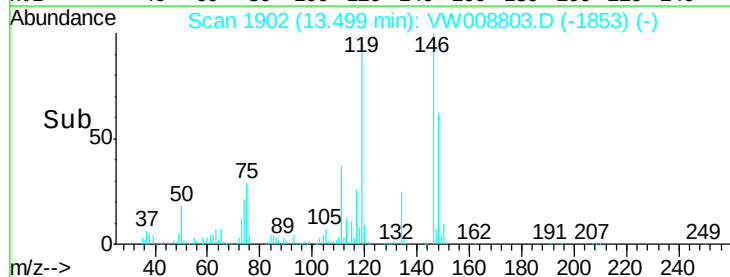
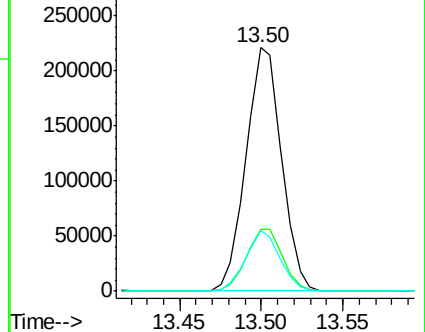
91 24.1 12.1 36.3

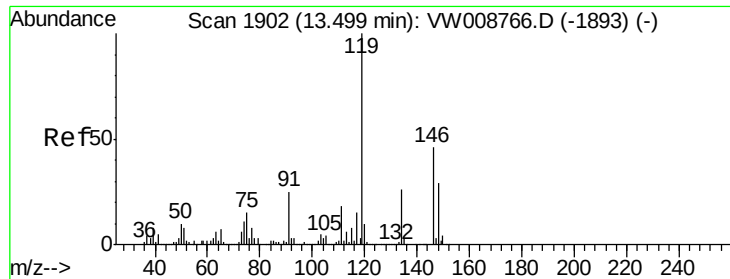


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.352 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBSD01

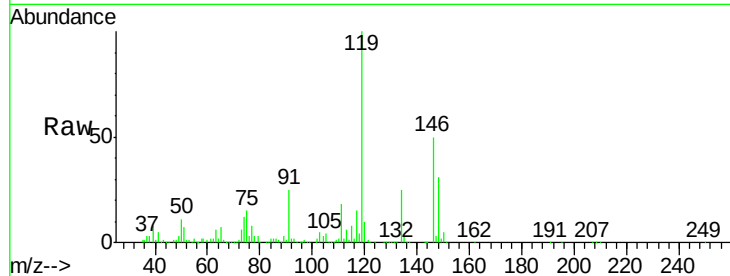
Tot Ion:146 Resp: 171228

Ion Ratio Lower Upper

146 100

111 38.6 19.9 59.7

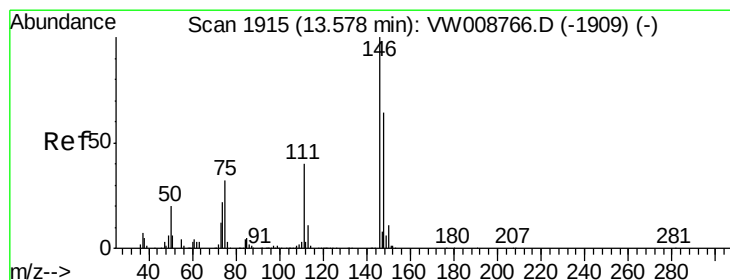
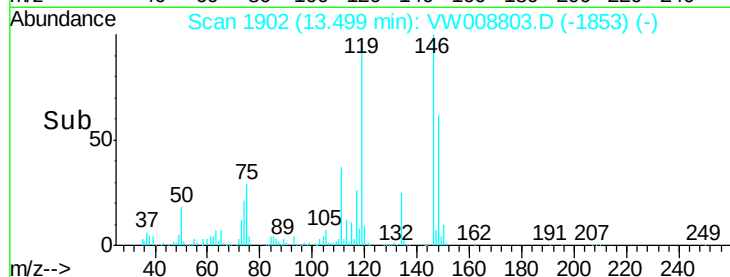
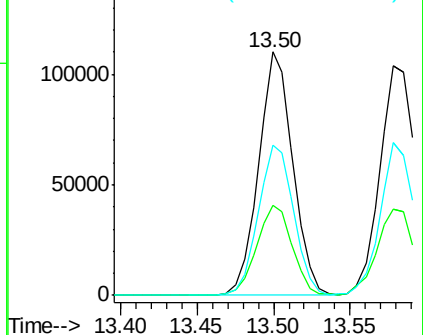
148 63.9 31.6 94.8



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



#88

1,4-Dichlorobenzene

Concen: 21.318 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

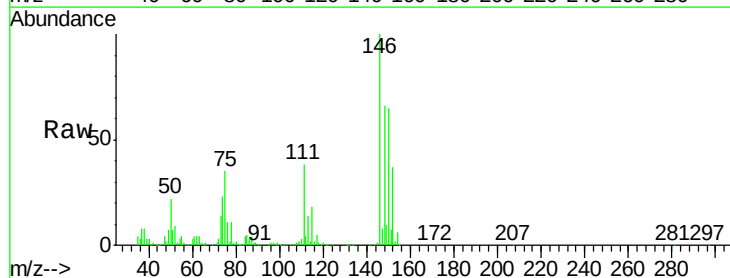
Tgt Ion:146 Resp: 168492

Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

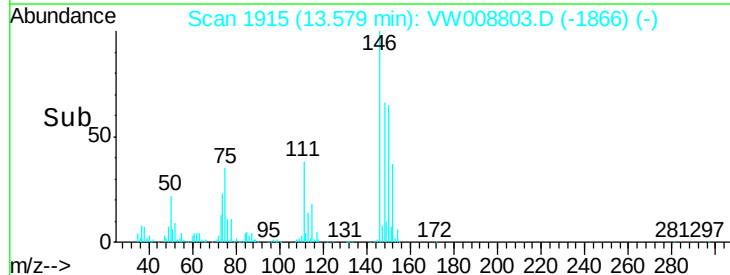
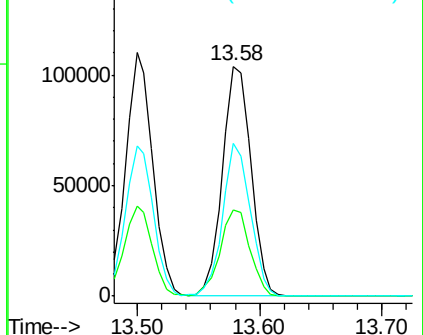
148 64.4 31.9 95.9

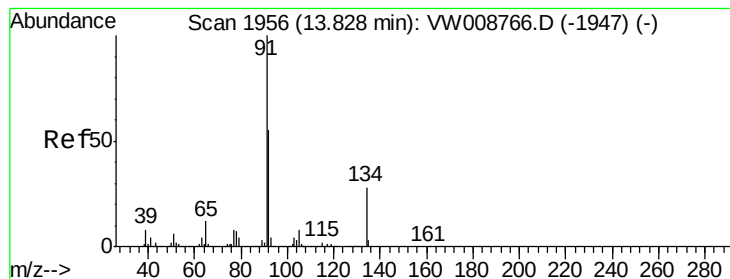


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.153 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008803.D

Acq: 25 Feb 2019 13:35

Instrument :

MSVOA_W

ClientSampled :

VW0225SBSD01

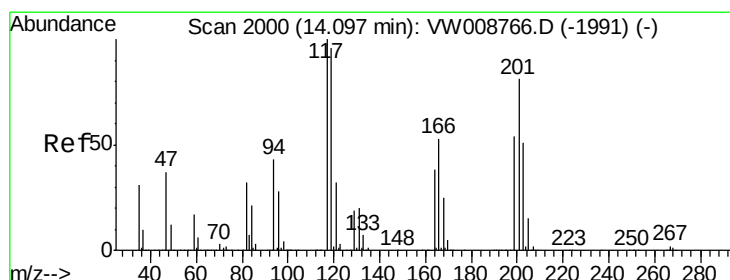
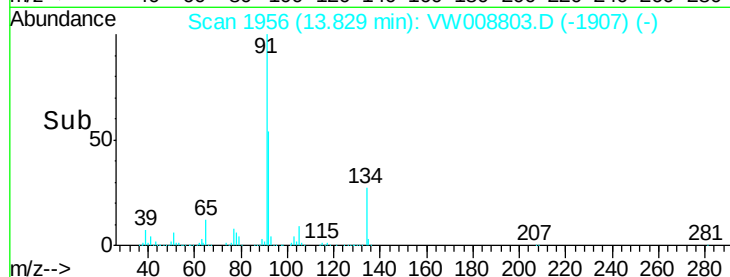
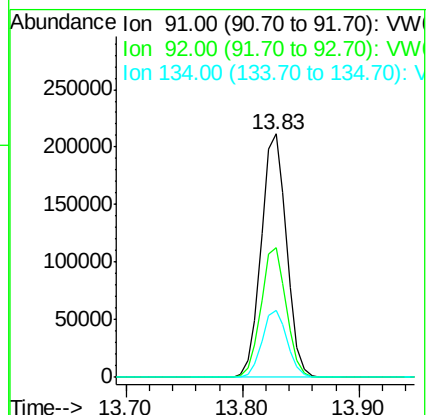
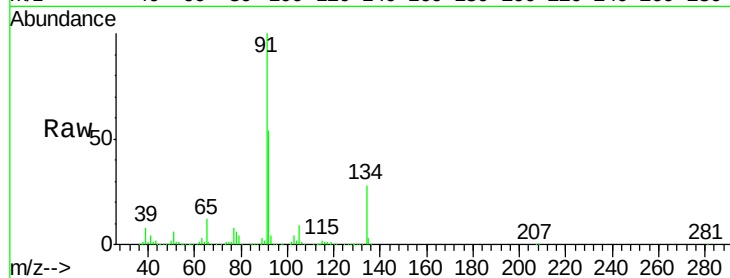
Tot Ion: 91 Resp: 321043

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

134 27.2 13.5 40.4



#90

Hexachloroethane

Concen: 21.468 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008803.D

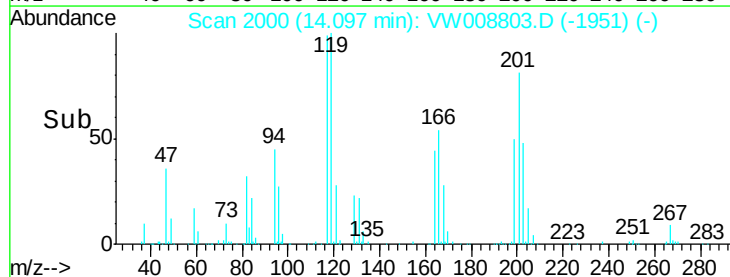
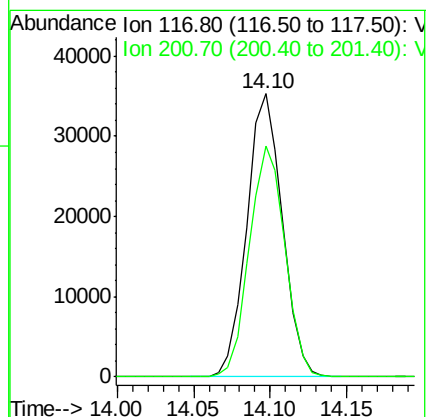
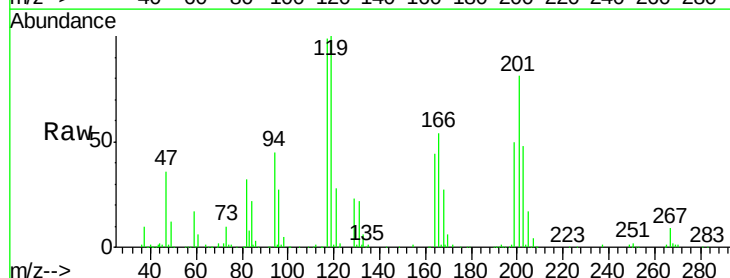
Acq: 25 Feb 2019 13:35

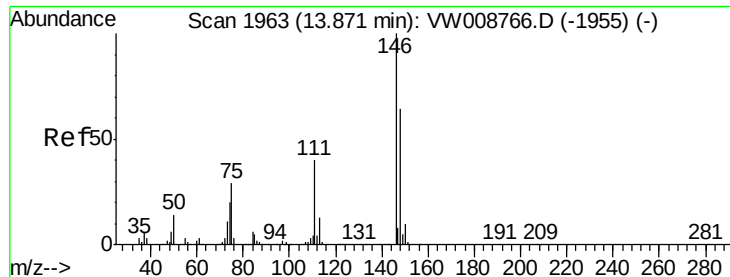
Tgt Ion: 117 Resp: 56934

Ion Ratio Lower Upper

117 100

201 81.7 40.3 120.8

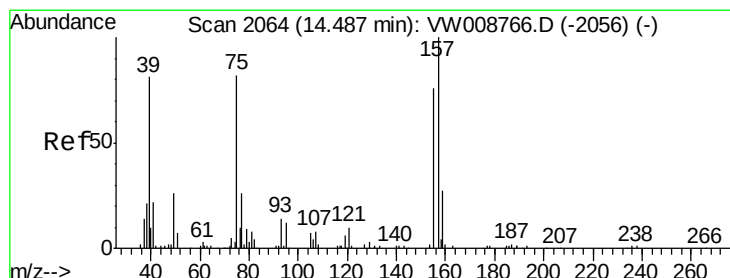
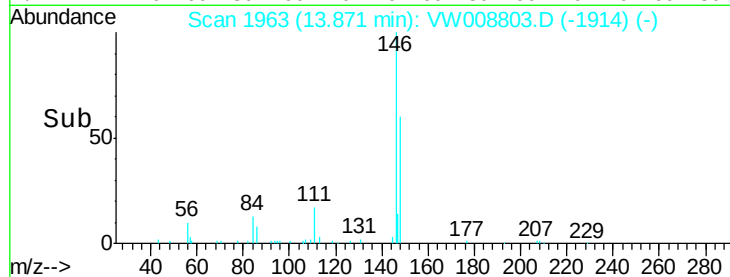
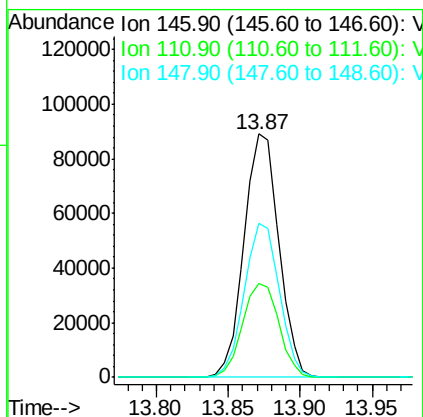
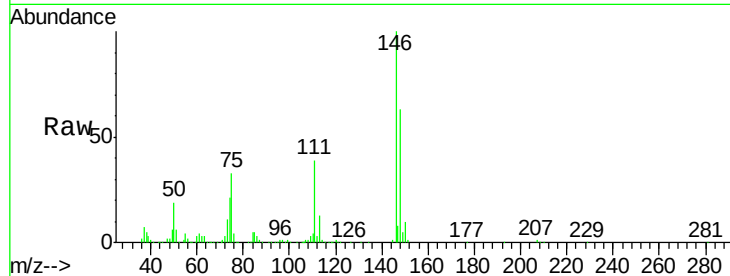




#91
 1,2-Dichlorobenzene
 Concen: 20.893 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

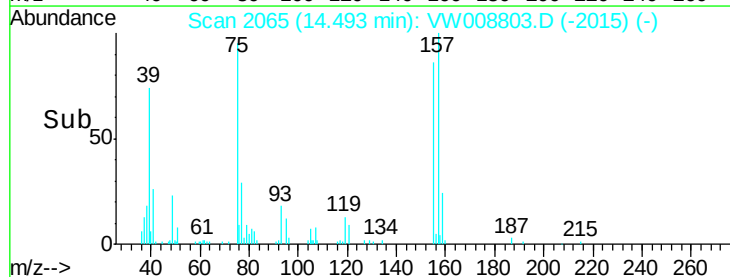
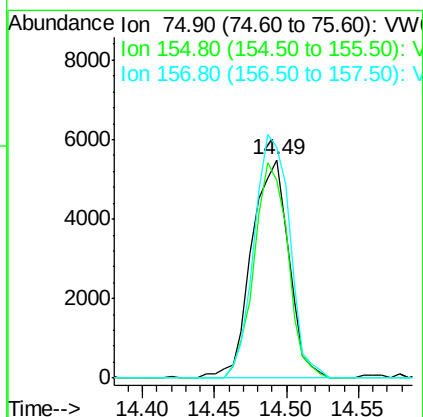
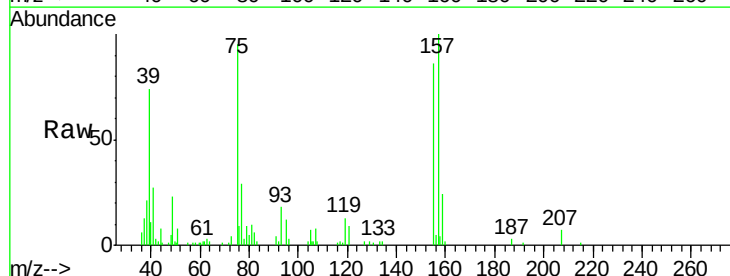
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

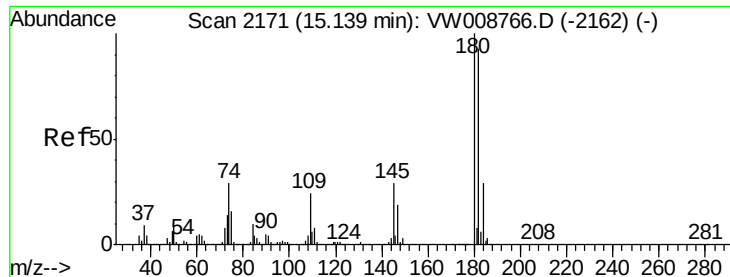
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	63.3	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.280 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	41.8	125.4
157	106.5	56.6	169.9

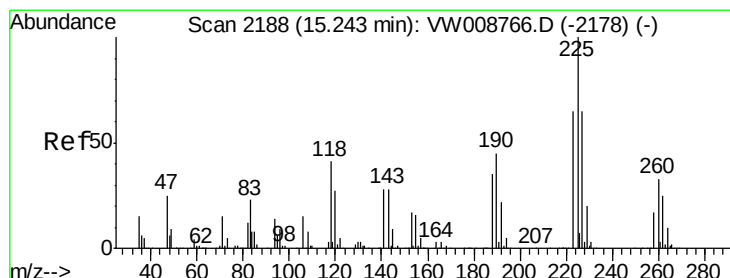
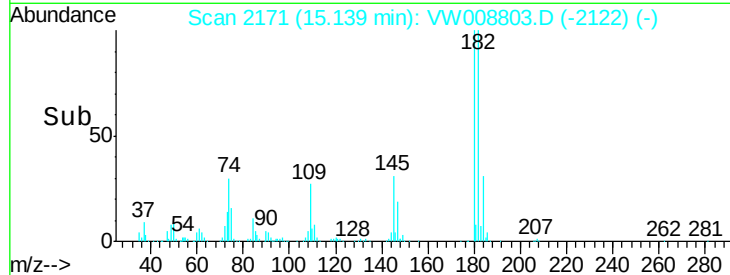
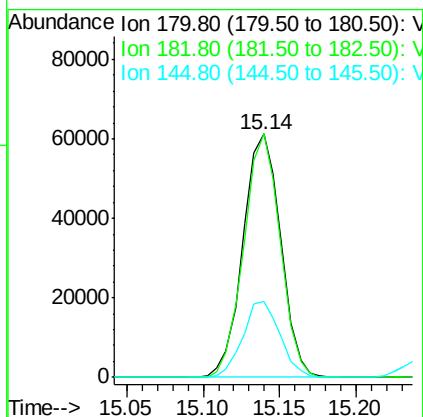
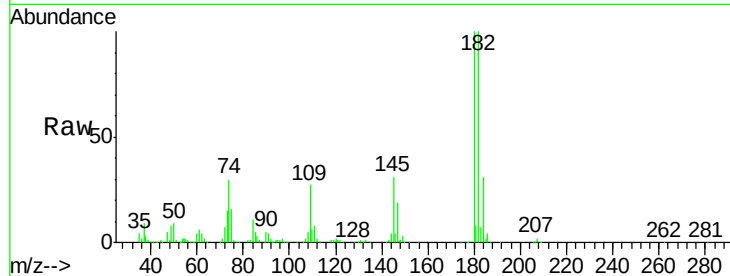




#93
 1,2,4-Trichlorobenzene
 Concen: 20.399 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

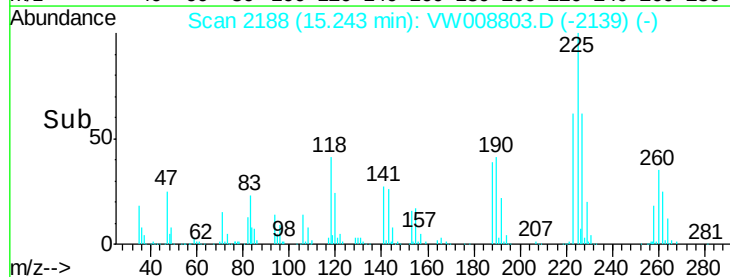
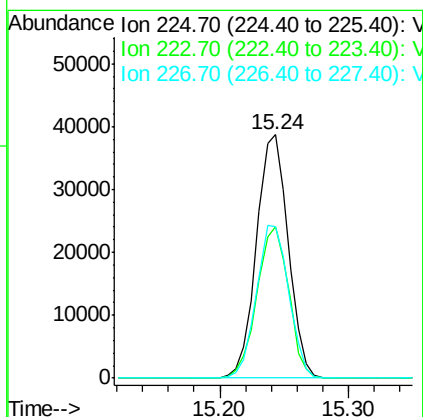
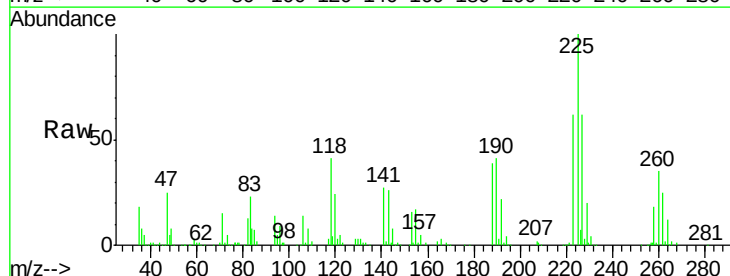
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

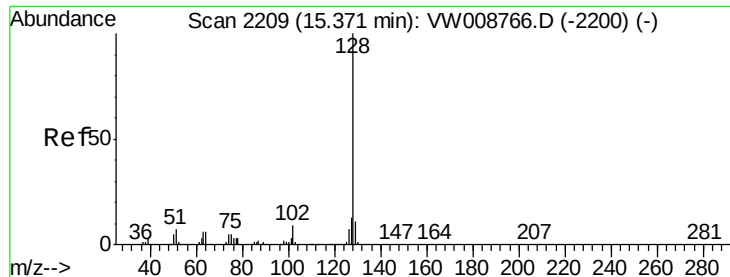
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.2	141.6
145	30.8	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 21.675 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.5	94.5
227	64.0	31.6	94.8

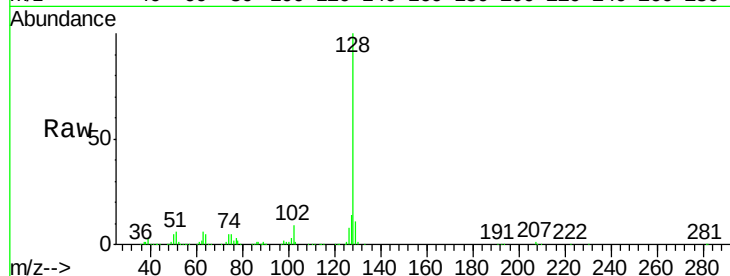




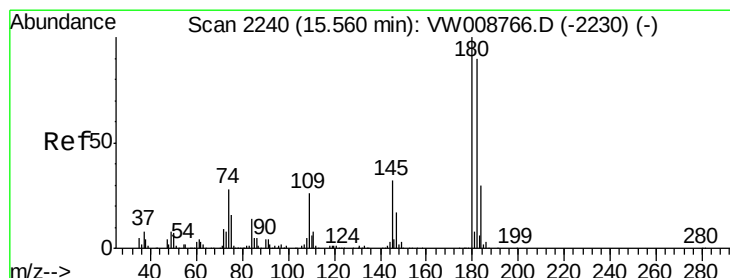
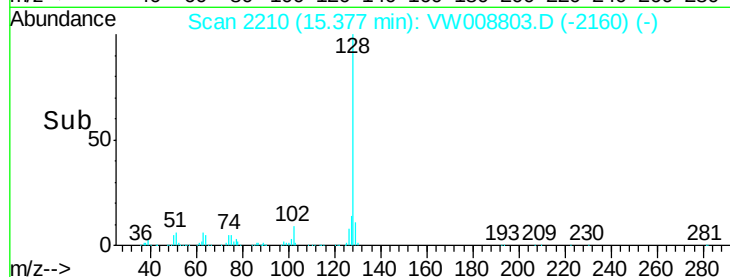
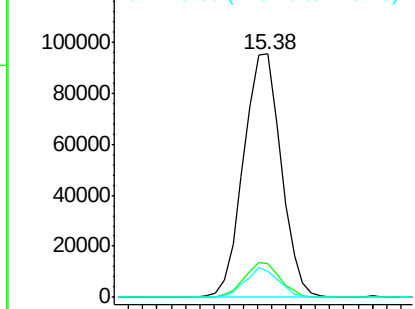
#95
Naphthalene
Concen: 19.708 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

Tot Ion:128 Resp: 172750
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 10.9 8.7 13.1

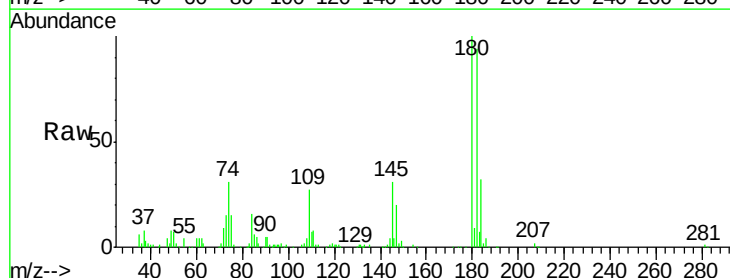


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.854 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Tgt Ion:180 Resp: 92826
Ion Ratio Lower Upper
180 100
182 94.3 46.9 140.8
145 32.2 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

