

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 03:41:39 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						
33) 1,2-Dichloroethane-d4	8.31	65	173383	57.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.30%	
35) Dibromofluoromethane	7.88	113	160473	58.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.06%	
50) Toluene-d8	10.32	98	604785	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
62) 4-Bromofluorobenzene	12.62	95	234407	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	

Target Compounds						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 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)
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	75949	38.556	ug/l #	100
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:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022519\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VW0225SBSD01

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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)
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

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Acq On : 25 Feb 2019 13:35

Operator : SY/VA

Sample : VW0225SBSD01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

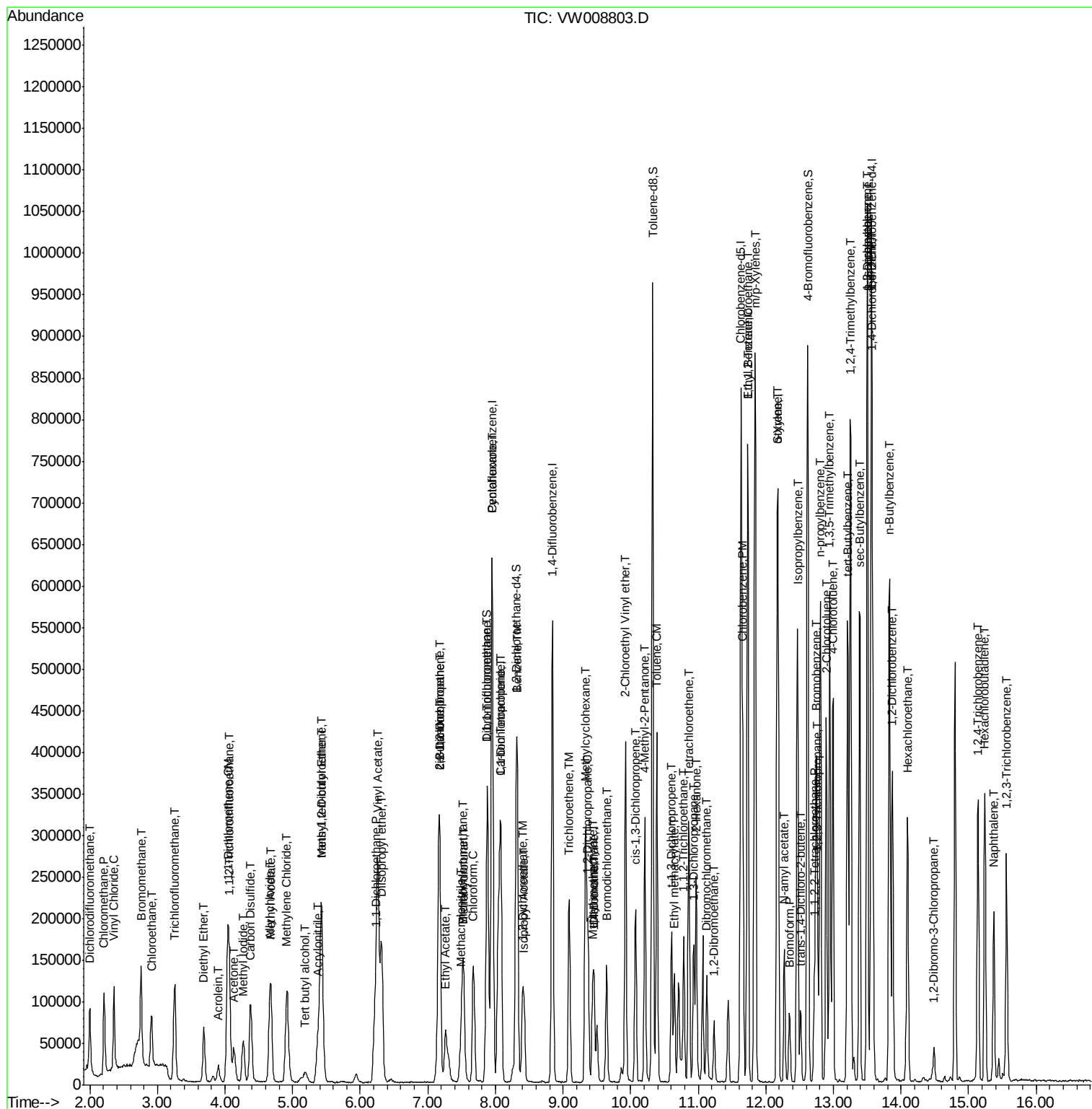
Quant Time: Feb 26 03:41:39 2019

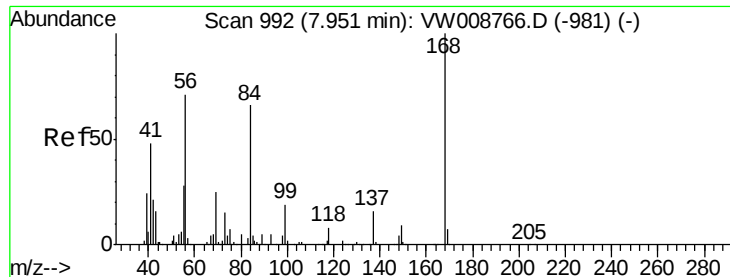
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Quant Title : SW846 8260

QLast Update : Fri Feb 22 00:38:32 2019

Response via : Initial Calibration





#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 :

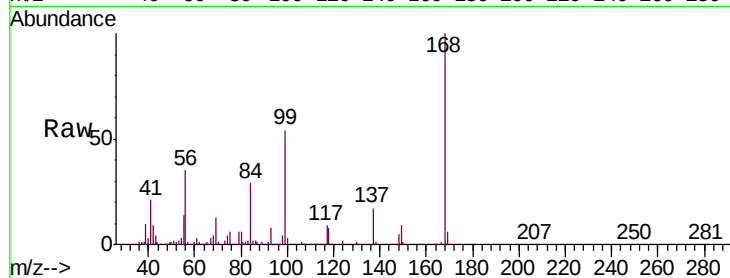
VW0225SBSD01

Tgt 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): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

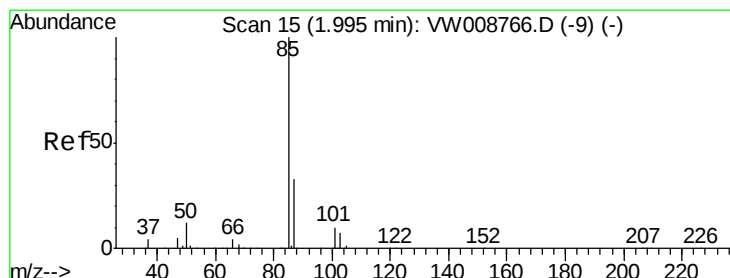
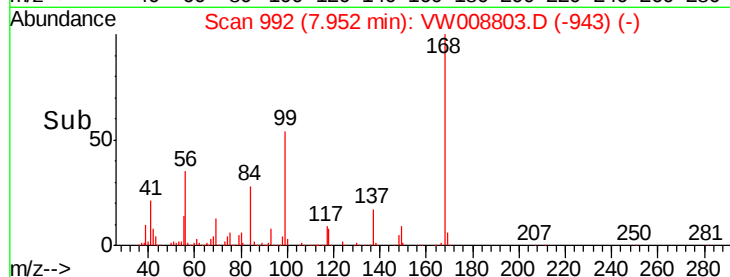
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.111 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008803.D

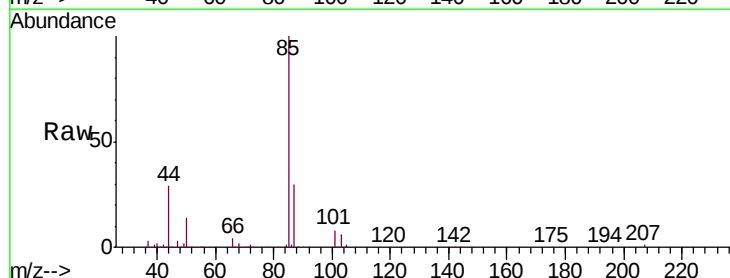
Acq: 25 Feb 2019 13:35

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

50000

40000

30000

20000

10000

0

1.90

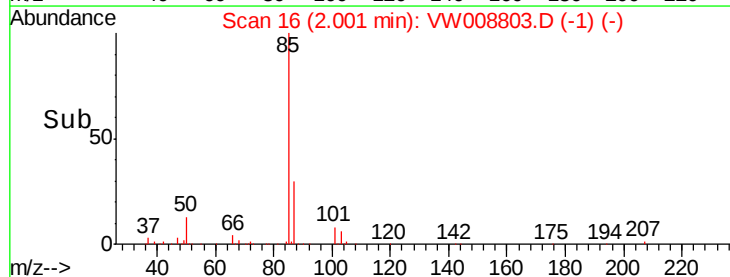
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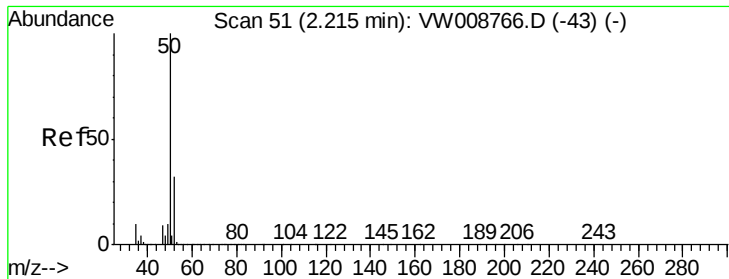
2.00

2.05

2.10

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 :

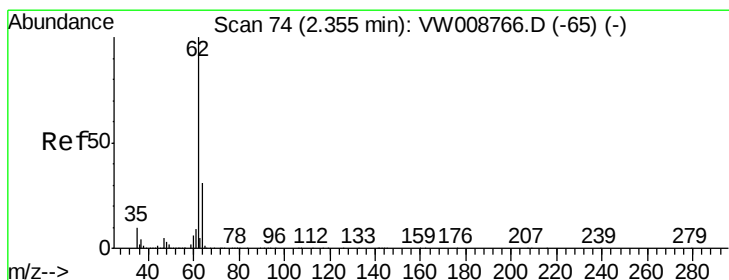
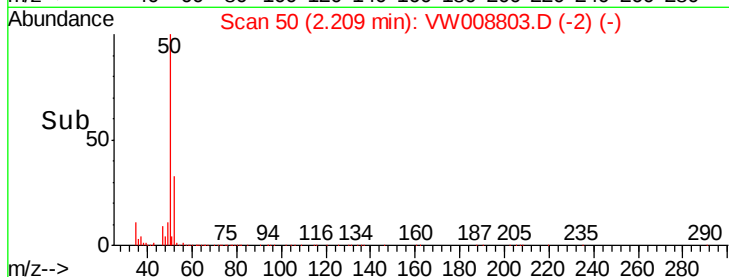
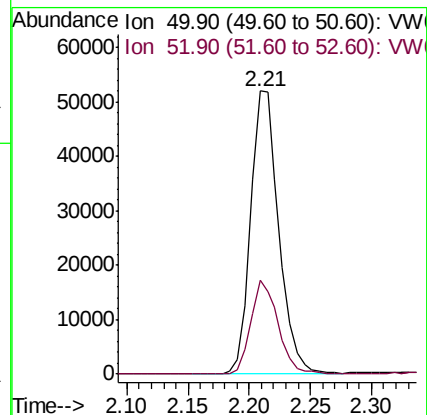
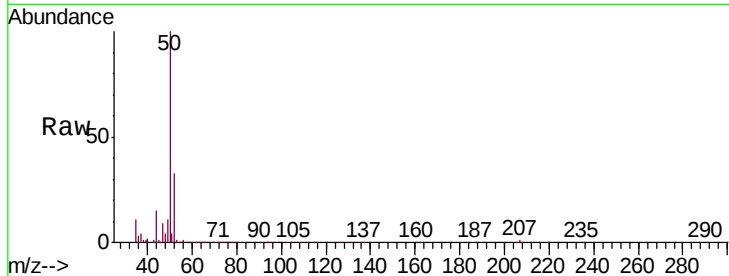
VW0225SBSD01

Tgt 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

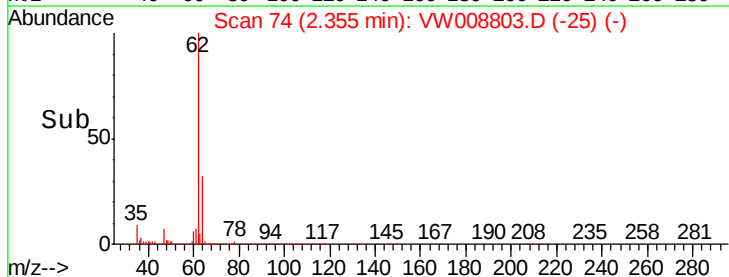
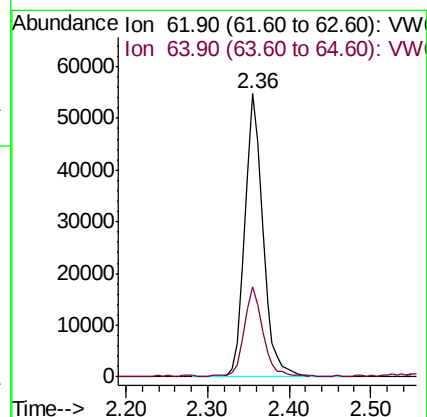
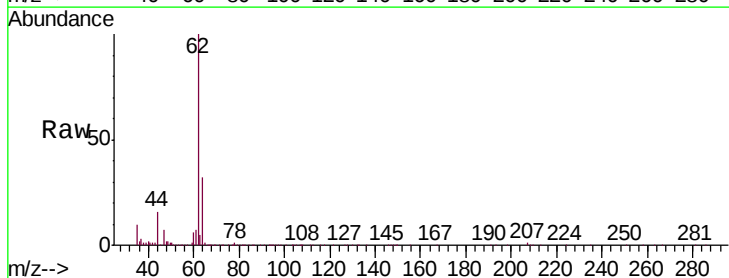
Acq: 25 Feb 2019 13:35

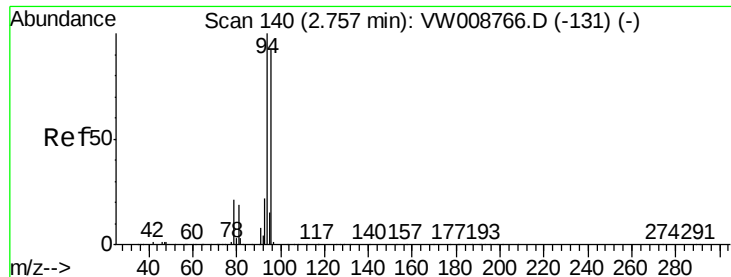
Tgt Ion: 62 Resp: 84120

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 :

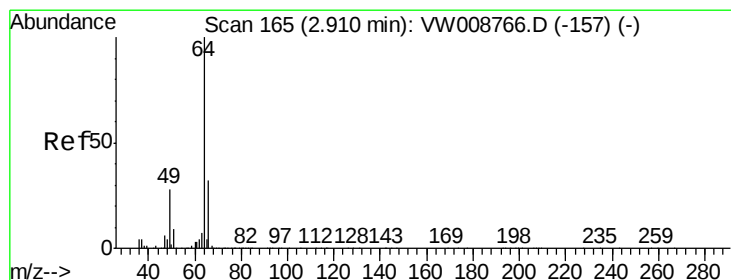
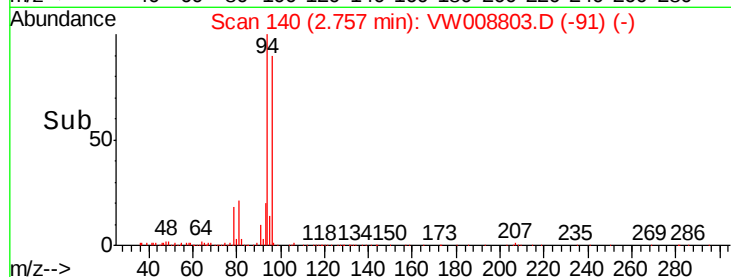
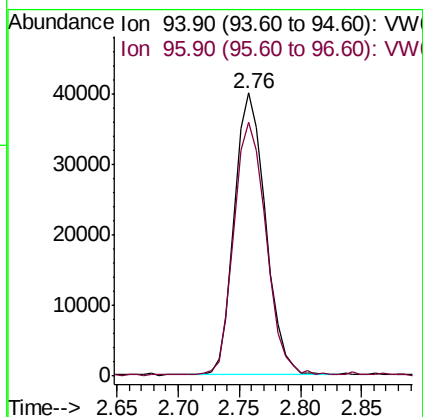
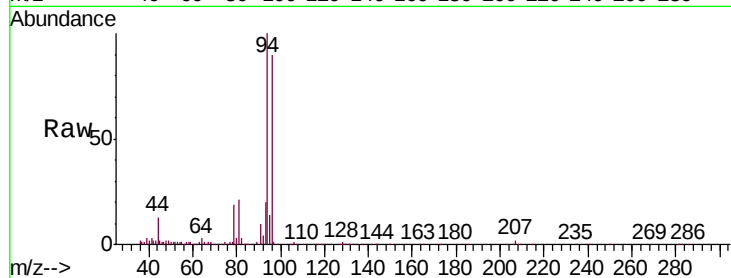
VW0225SBSD01

Tgt 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

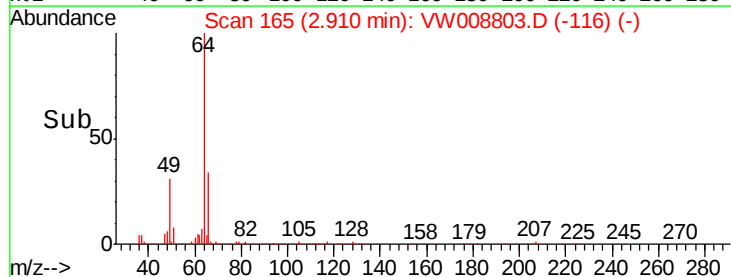
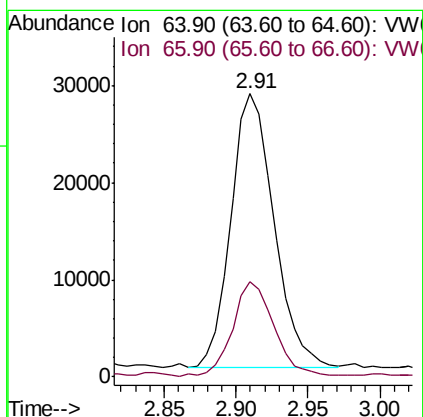
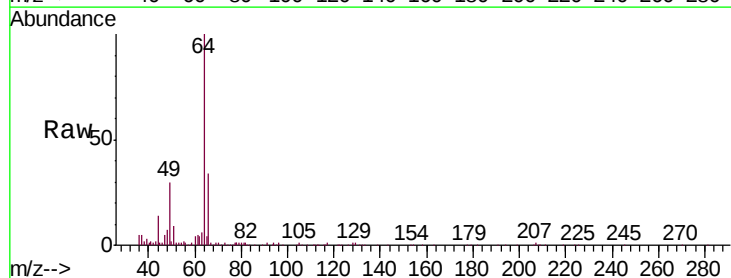
Acq: 25 Feb 2019 13:35

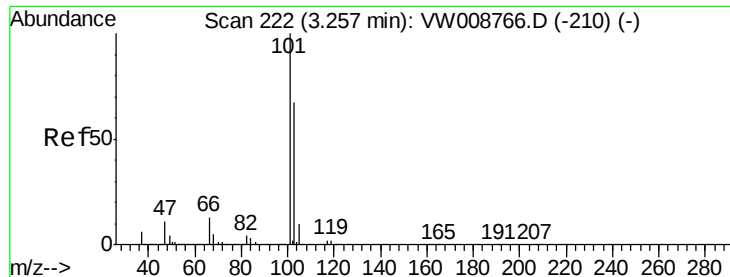
Tgt Ion: 64 Resp: 58487

Ion Ratio Lower Upper

64 100

66 34.0 25.5 38.3



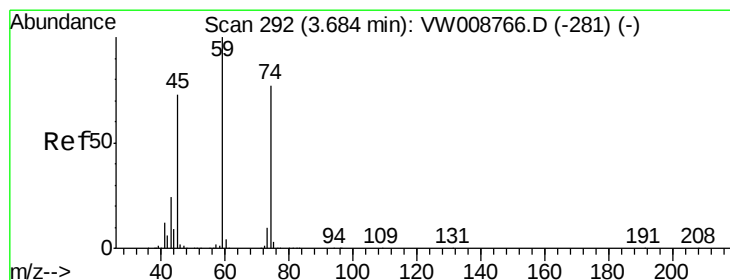
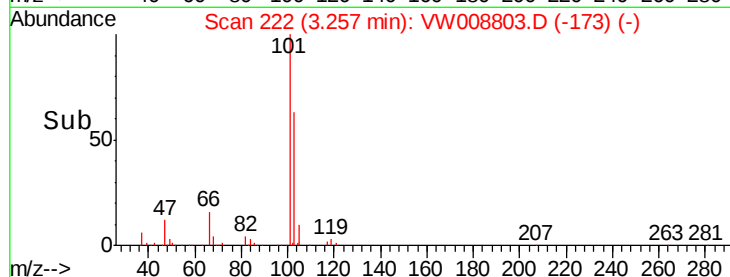
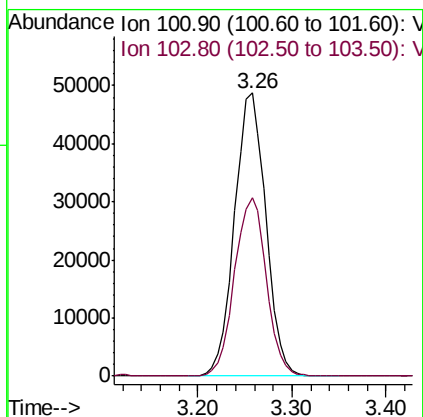
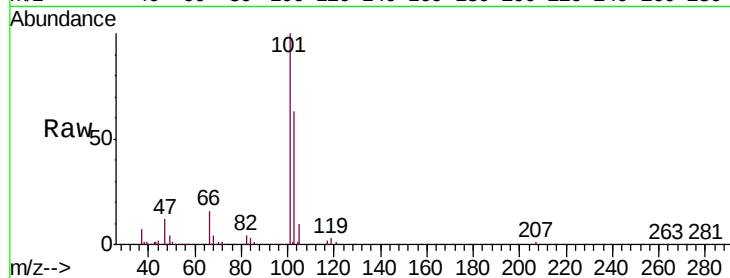


#7

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 :
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 VW0225SBSD01

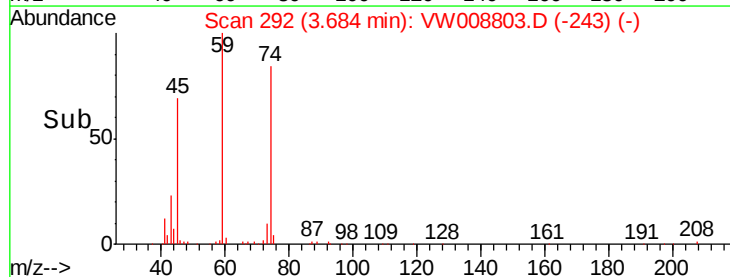
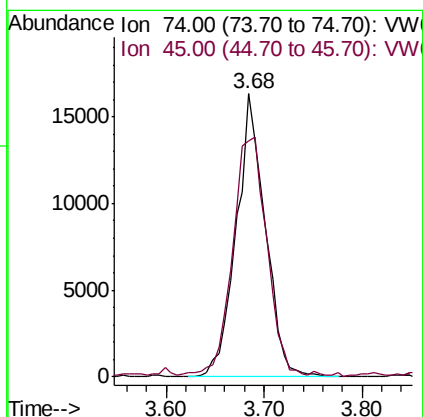
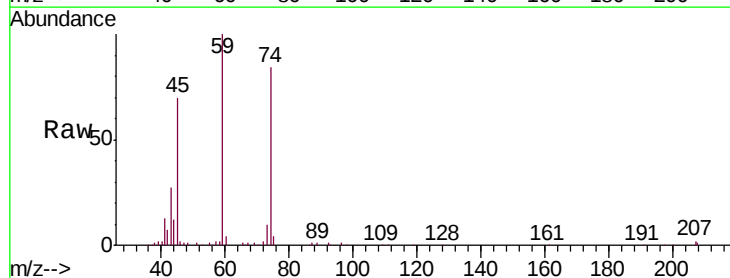
Tgt Ion:101 Resp: 112871
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.9 80.9

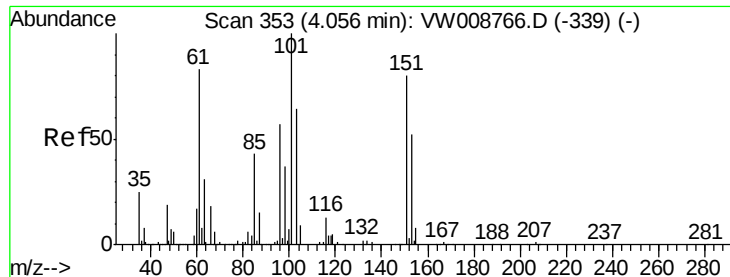


#8

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

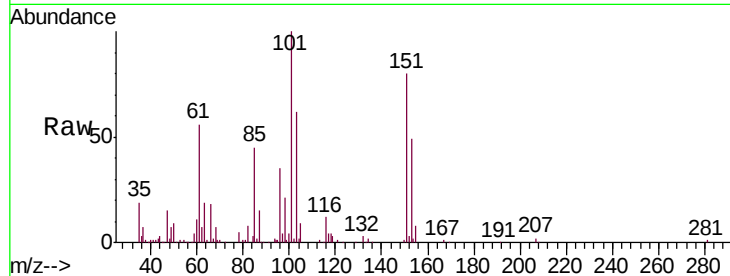
Tgt Ion:101 Resp: 70413

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

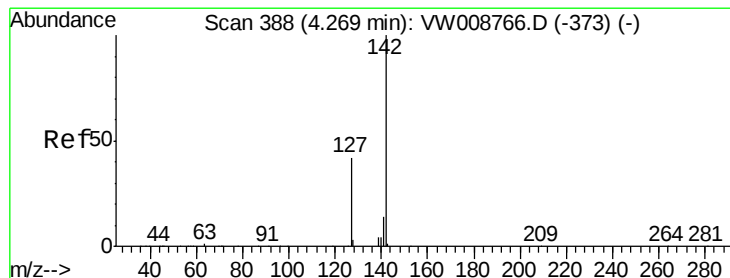
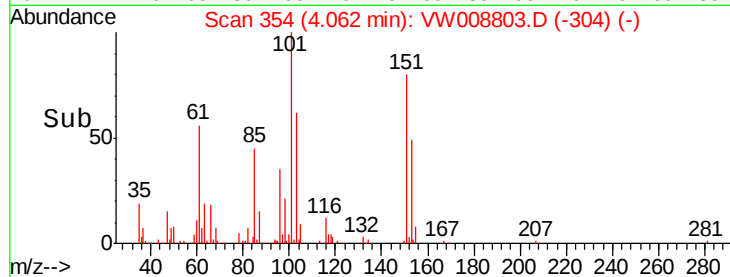
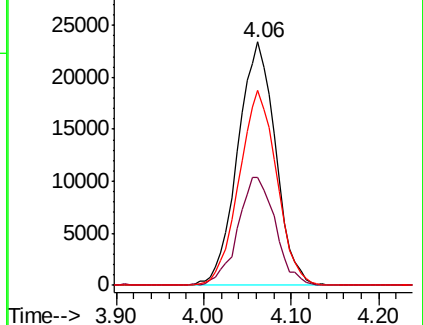
151 79.6 65.5 98.3



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

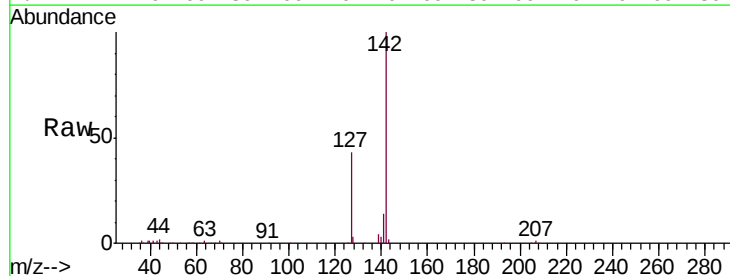
Tgt Ion:142 Resp: 78229

Ion Ratio Lower Upper

142 100

127 44.4 35.3 52.9

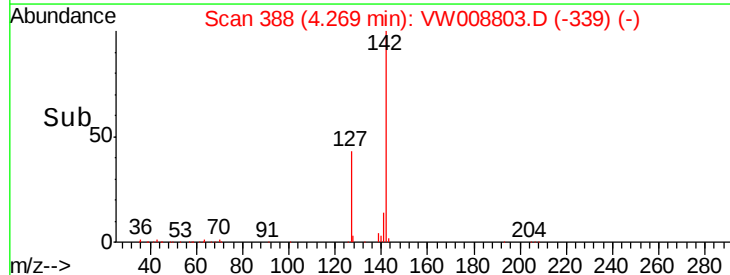
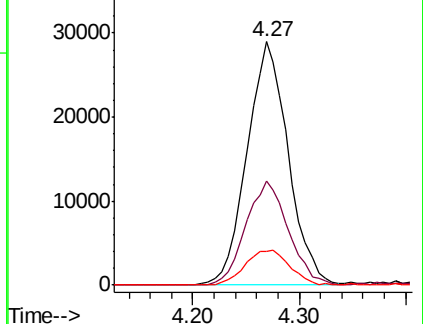
141 15.8 11.7 17.5

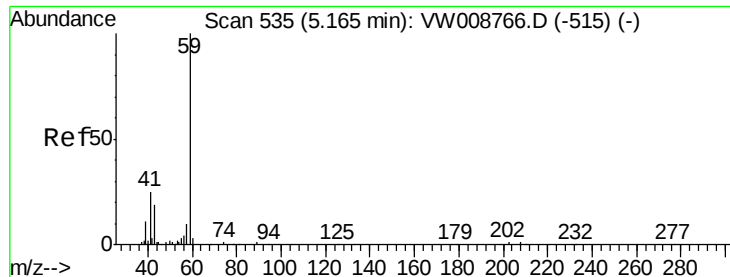


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



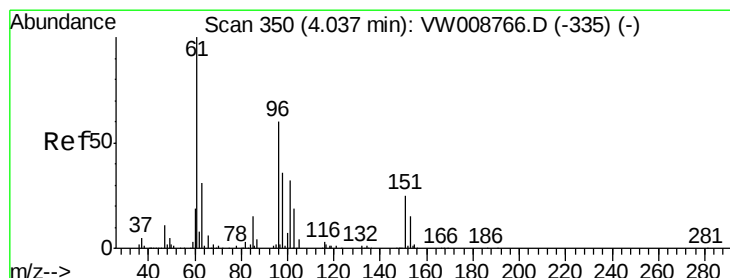
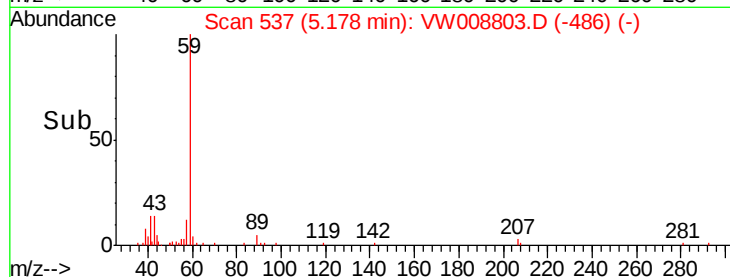
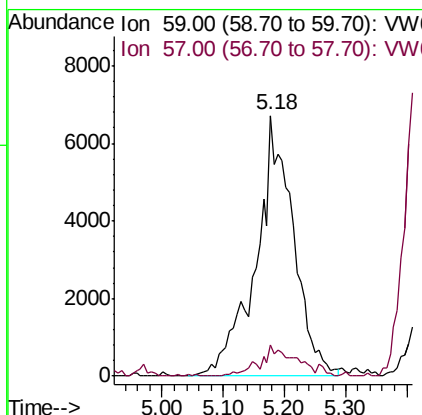
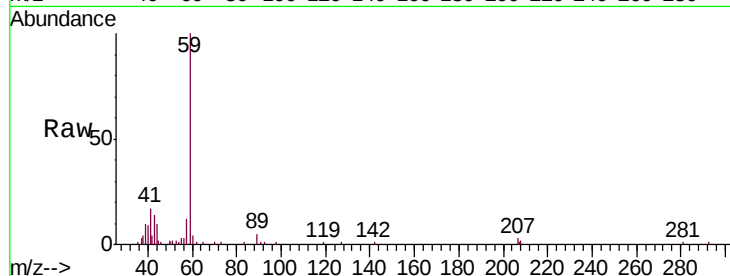


#11

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

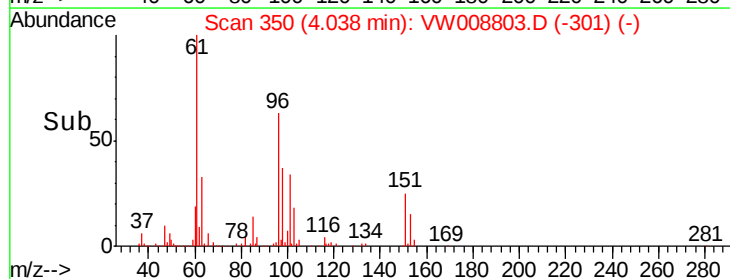
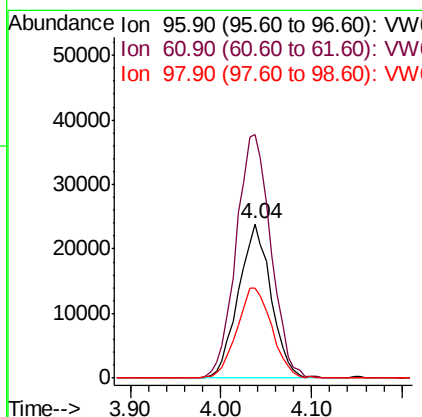
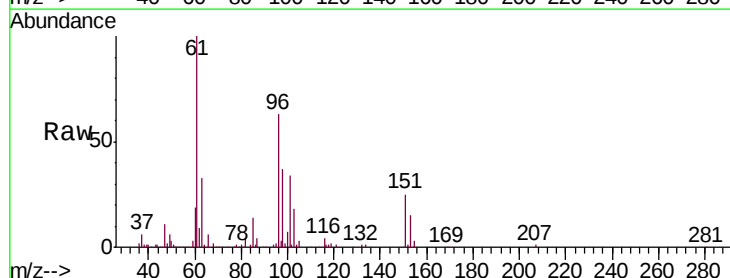
Tgt Ion: 59 Resp: 28478
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.3 13.9

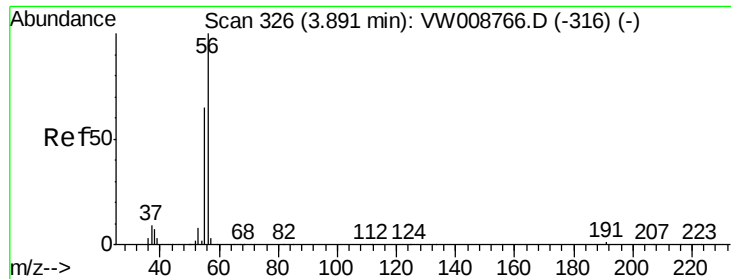


#12

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

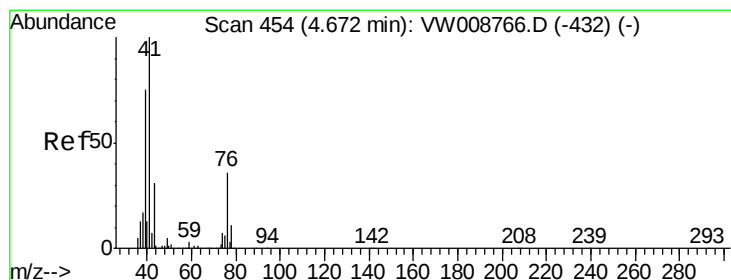
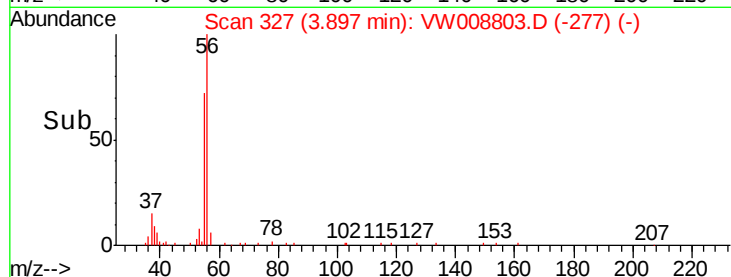
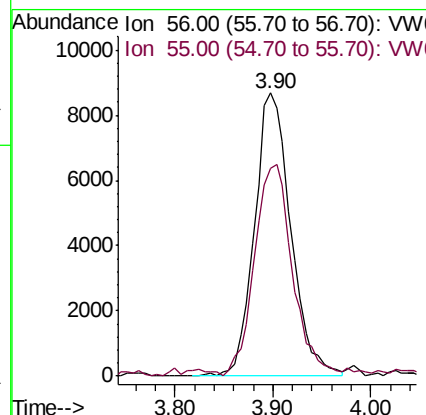
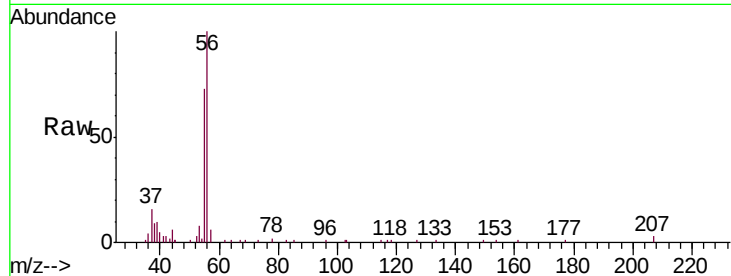




#13
Acrolein
Concen: 92.888 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

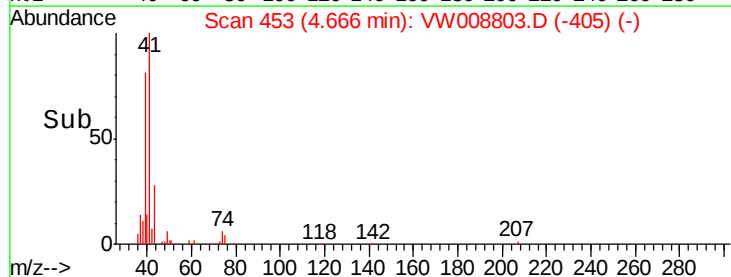
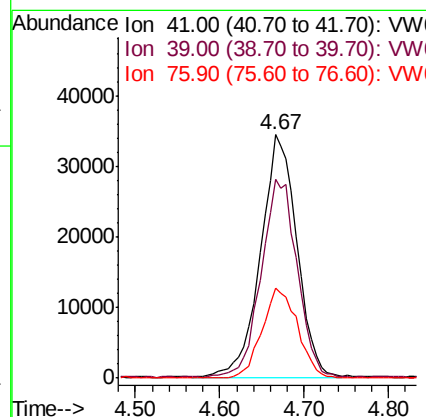
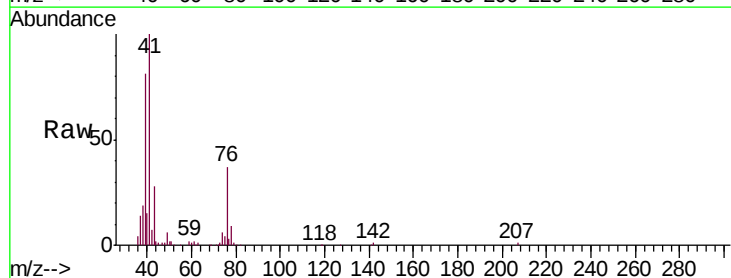
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

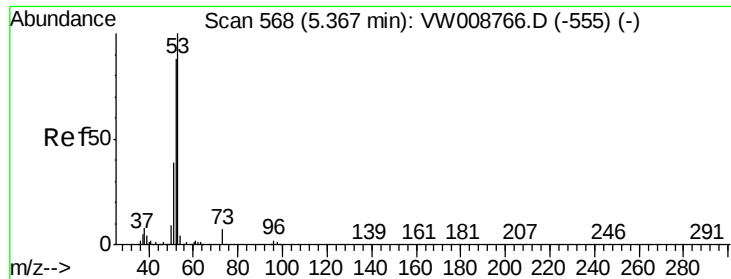
Tgt Ion: 56 Resp: 22419
Ion Ratio Lower Upper
56 100
55 78.0 56.9 85.3



#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

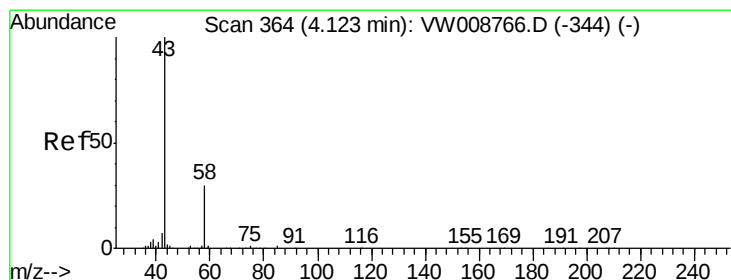
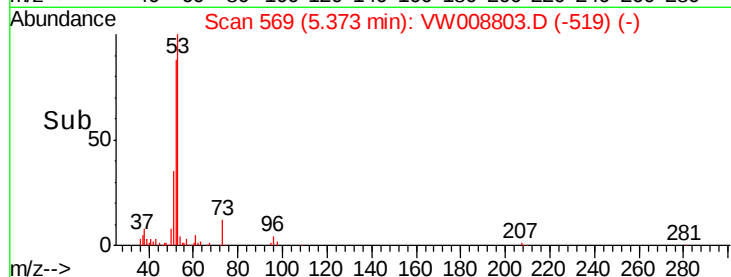
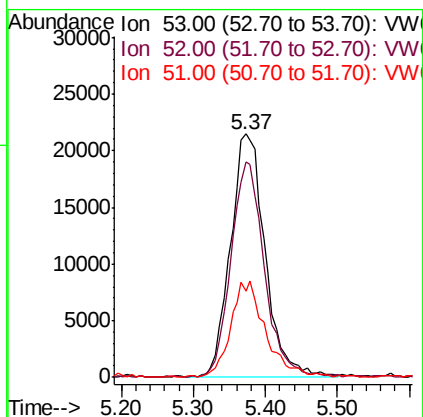
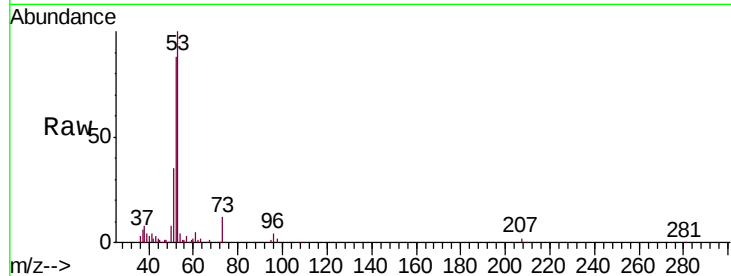
Tgt Ion: 53 Resp: 71449

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

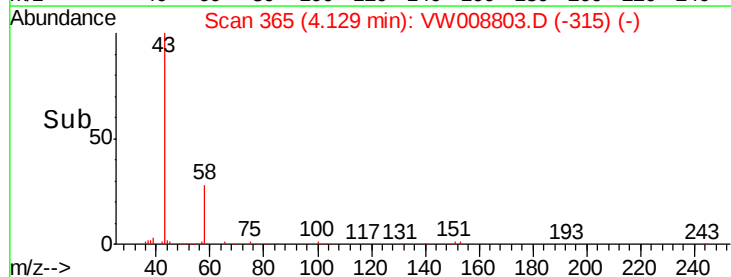
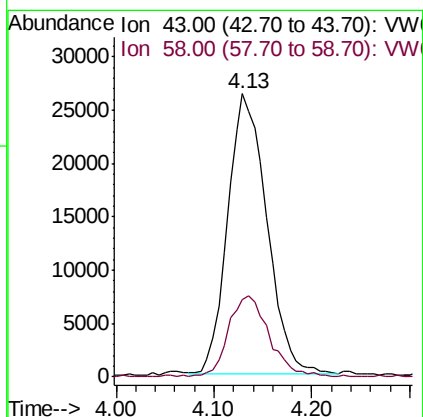
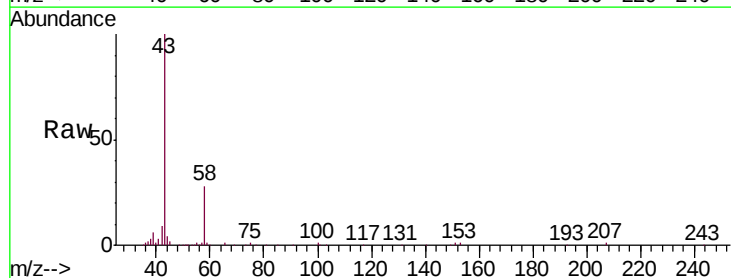
Acq: 25 Feb 2019 13:35

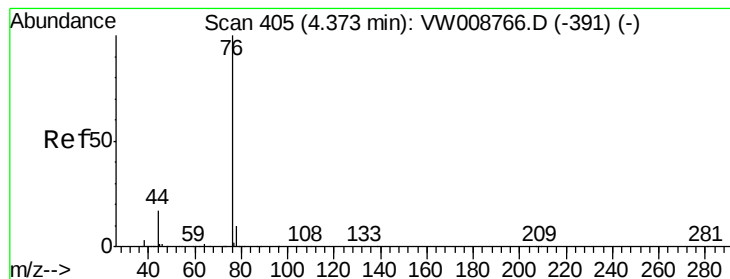
Tgt Ion: 43 Resp: 72282

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 :

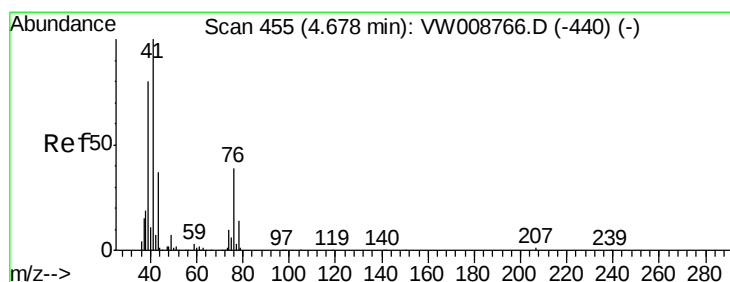
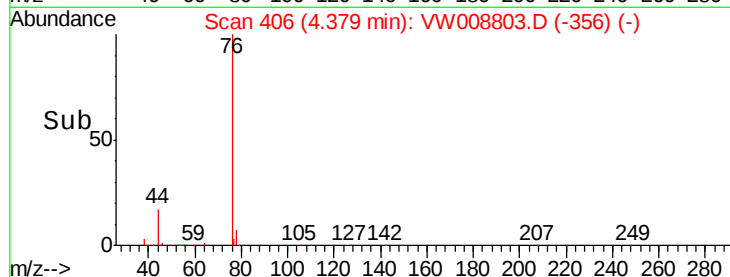
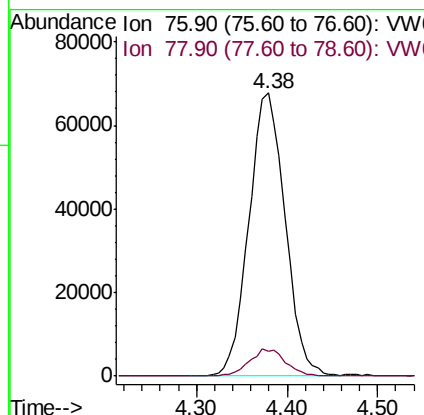
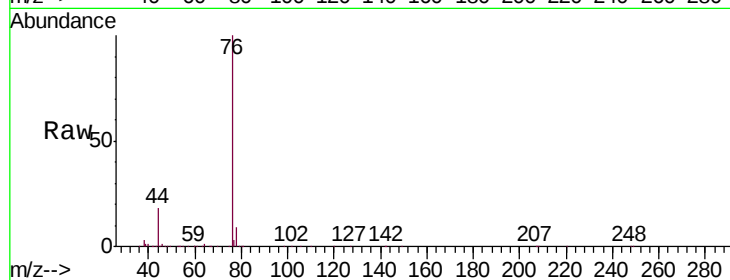
VW0225SBSD01

Tgt 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

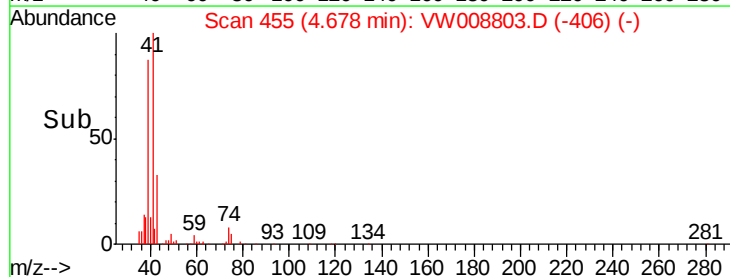
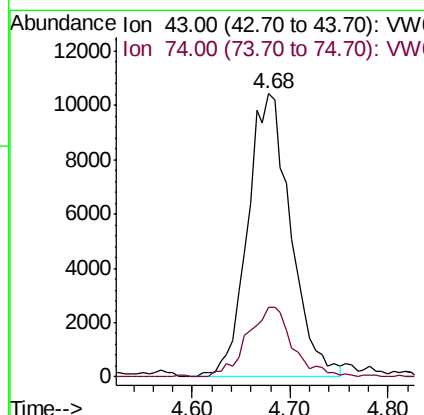
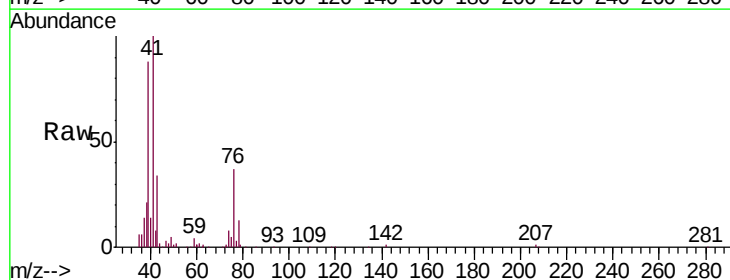
Acq: 25 Feb 2019 13:35

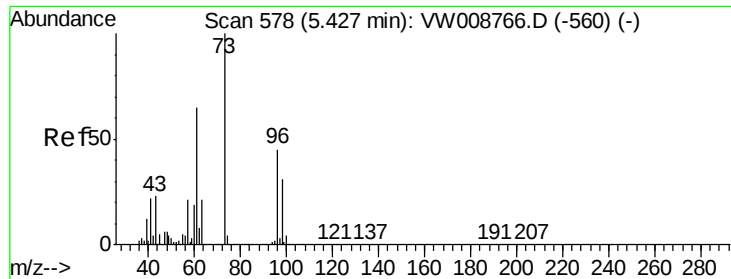
Tgt Ion: 43 Resp: 32039

Ion Ratio Lower Upper

43 100

74 26.0 19.4 29.2

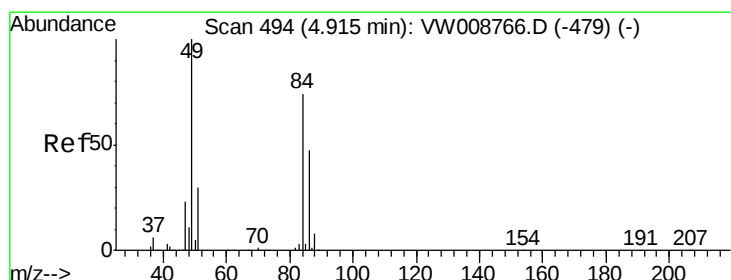
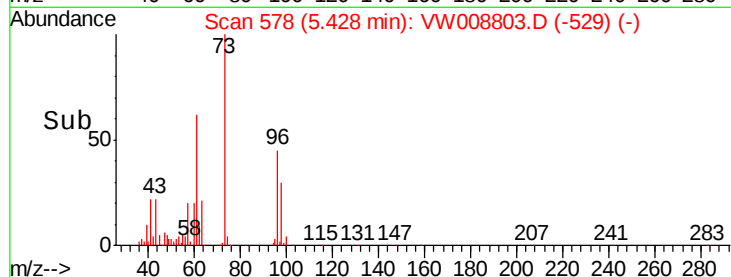
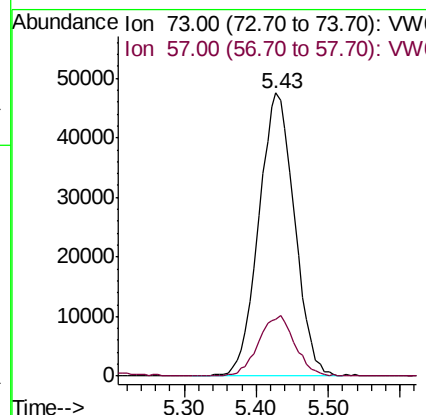
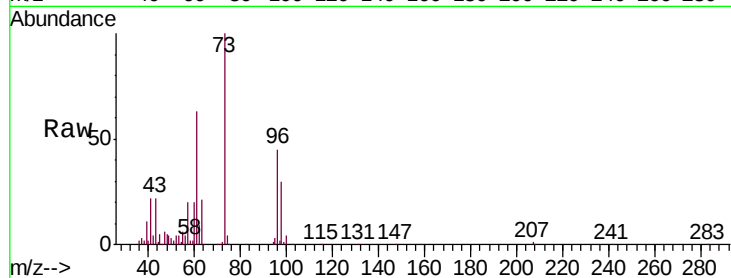




#19
Methyl tert-butyl Ether
Concen: 21.515 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

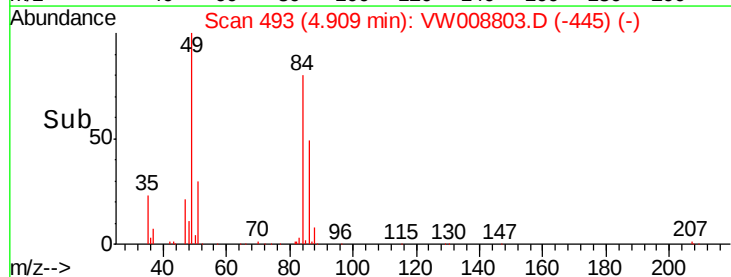
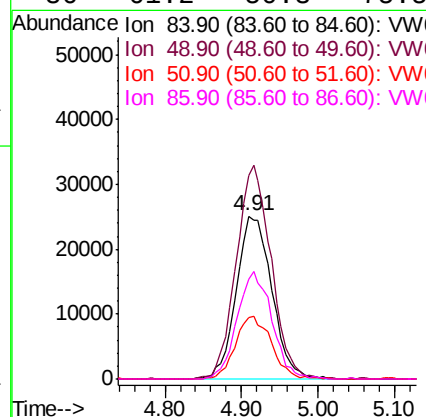
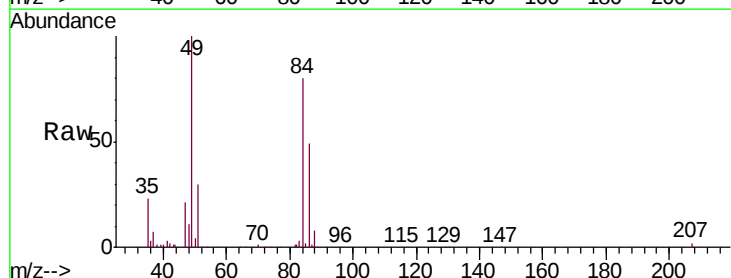
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

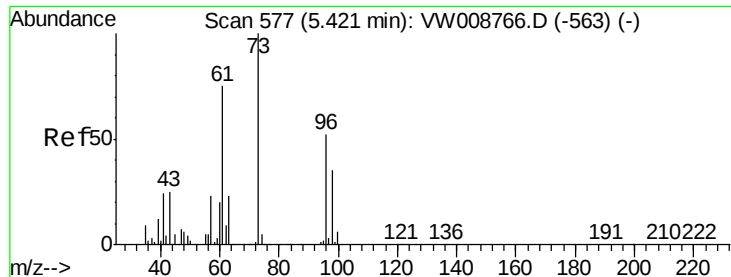
Tgt Ion: 73 Resp: 163482
Ion Ratio Lower Upper
73 100
57 19.9 16.8 25.2



#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

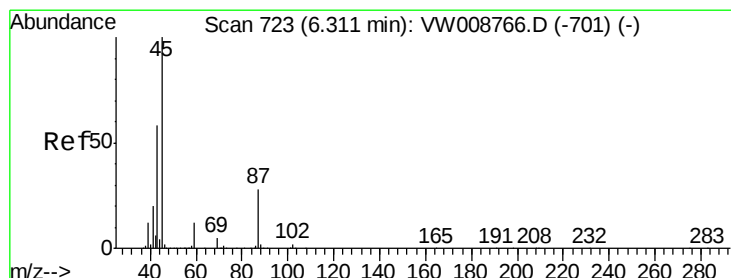
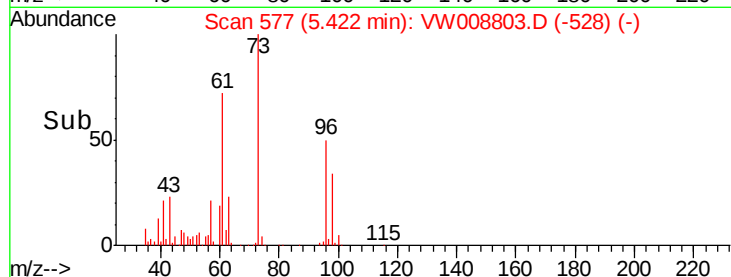
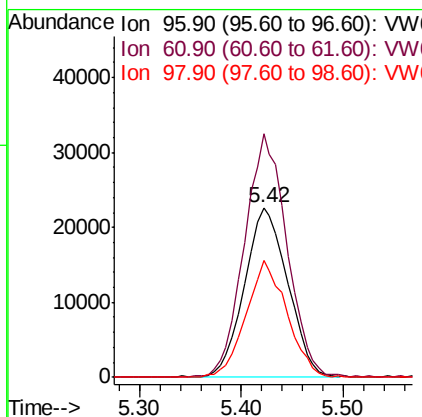
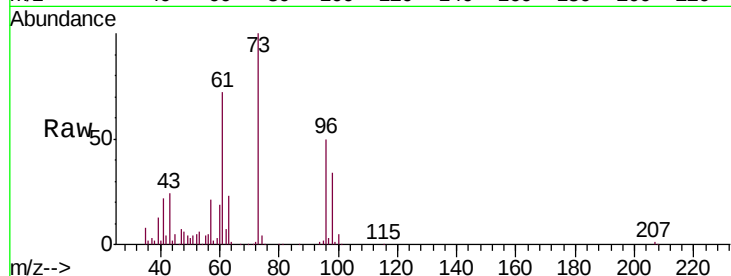
Tgt Ion: 96 Resp: 66762

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

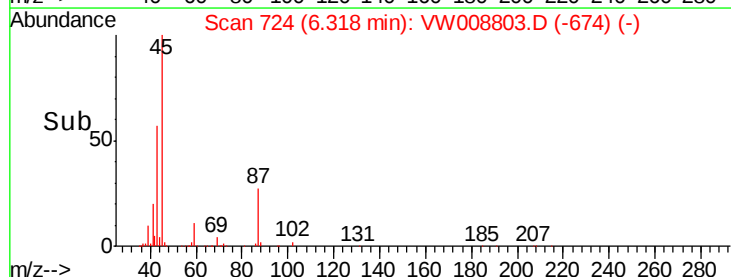
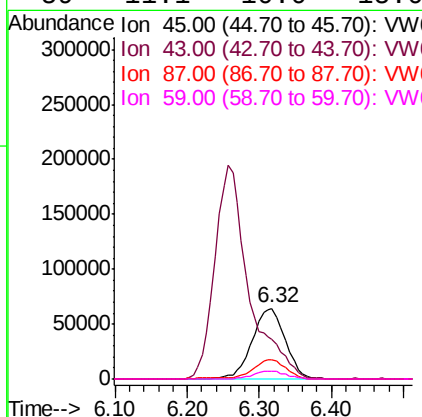
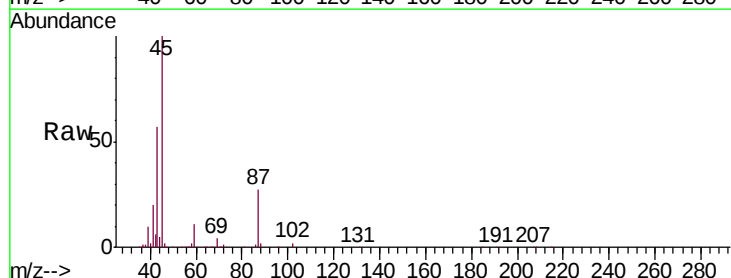
Ion Ratio Lower Upper

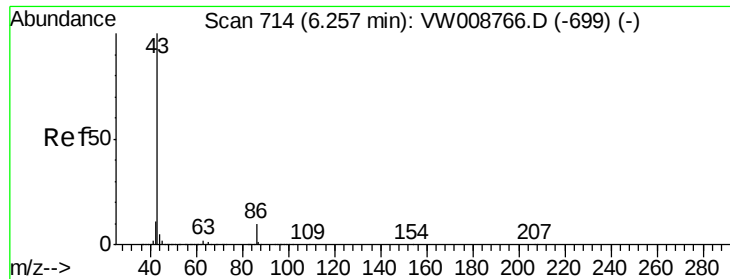
45 100

43 56.3 46.1 69.1

87 26.8 22.2 33.4

59 11.1 10.0 15.0

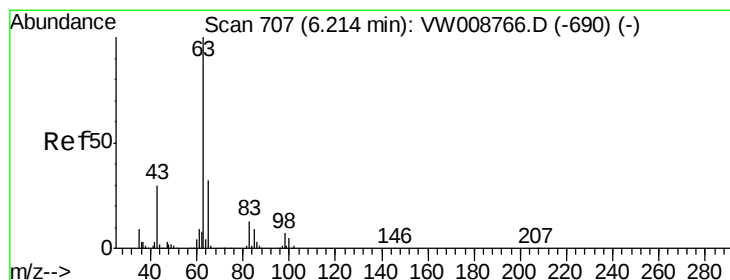
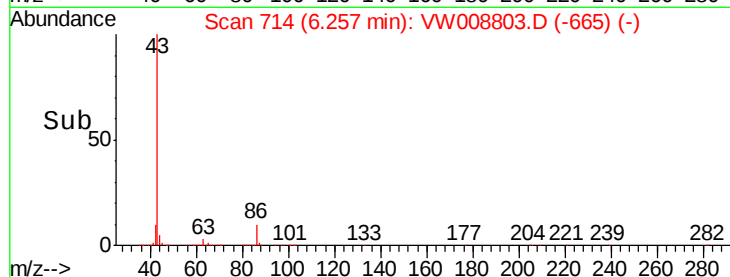
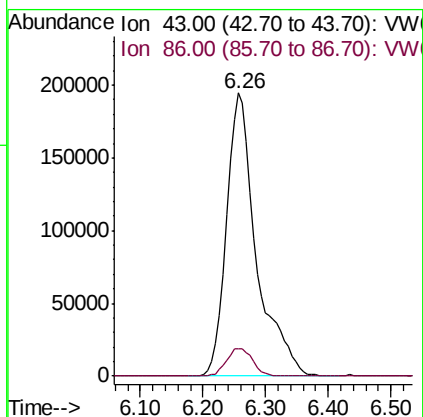
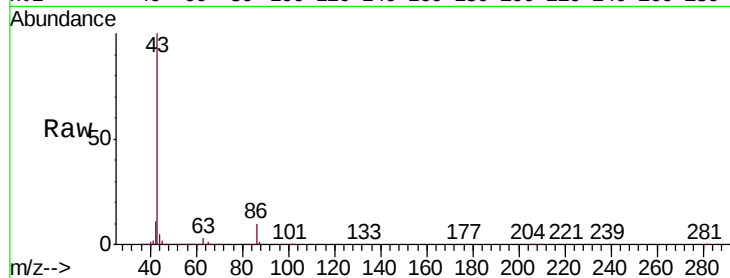




#23
 Vinyl Acetate
 Concen: 107.363 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

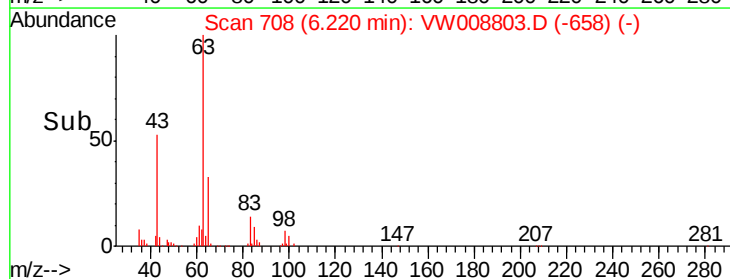
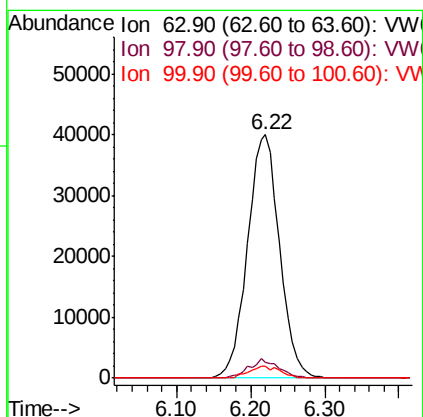
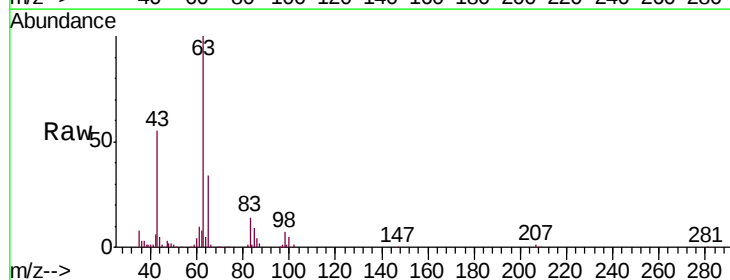
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

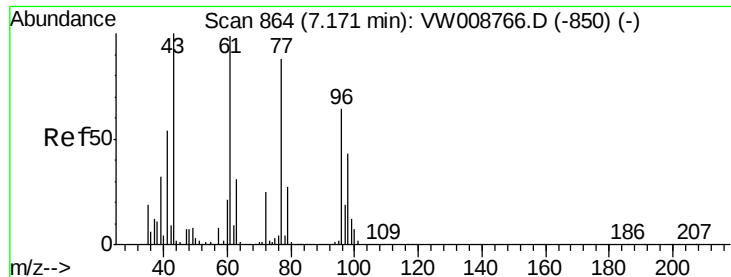
Tgt Ion: 43 Resp: 641153
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1



#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





#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 :

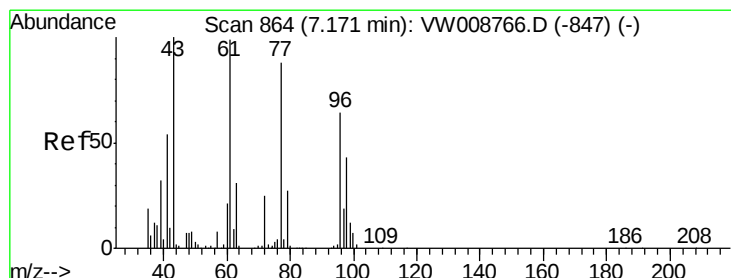
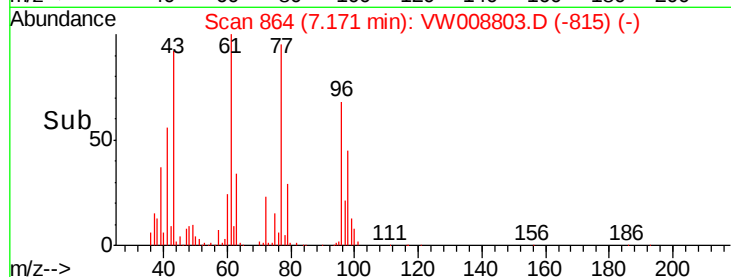
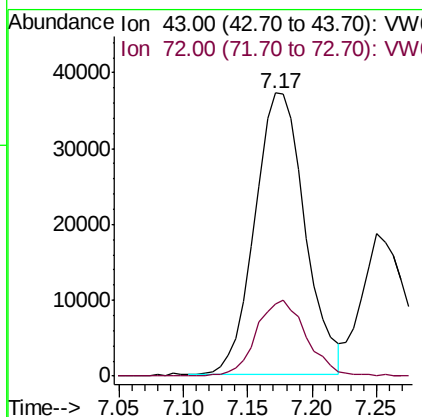
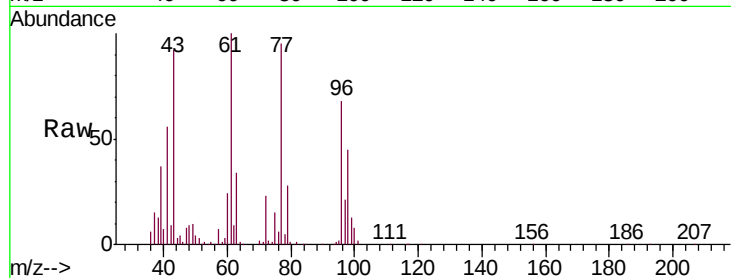
VW0225SBSD01

Tgt 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

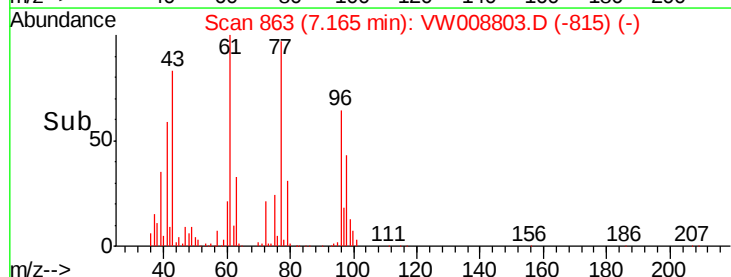
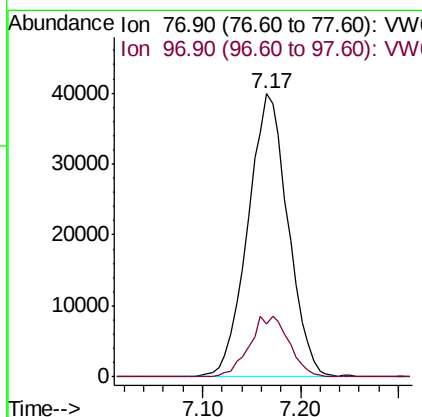
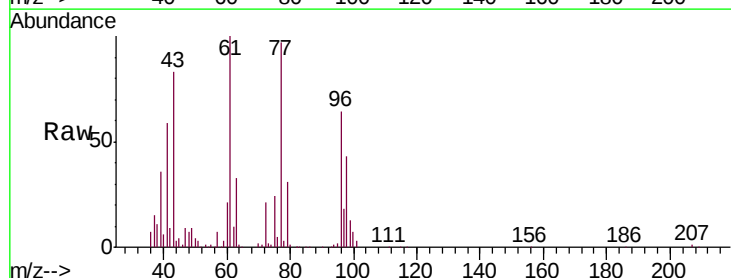
Acq: 25 Feb 2019 13:35

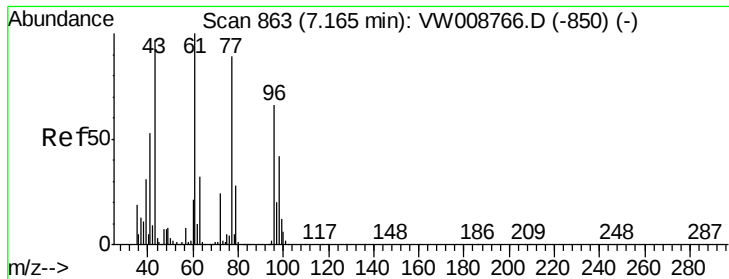
Tgt Ion: 77 Resp: 113781

Ion Ratio Lower Upper

77 100

97 21.2 11.0 33.0



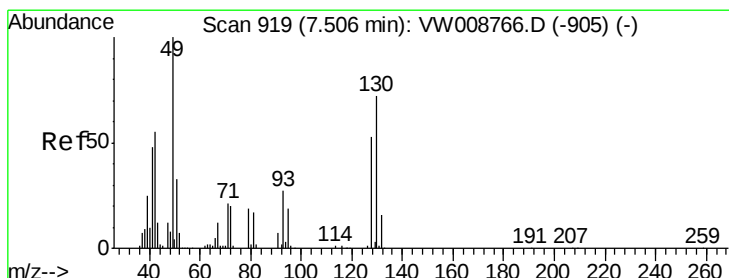
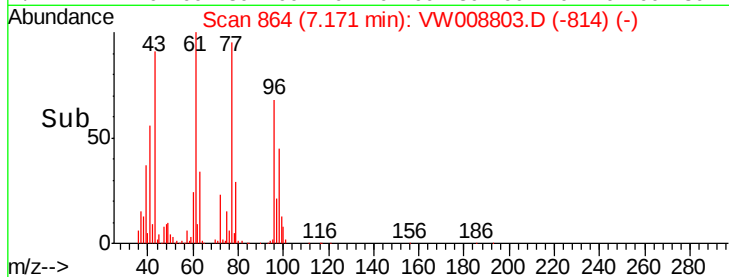
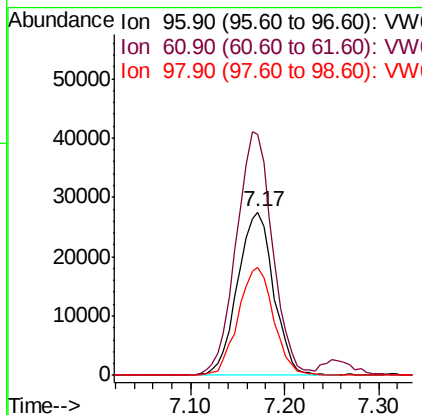
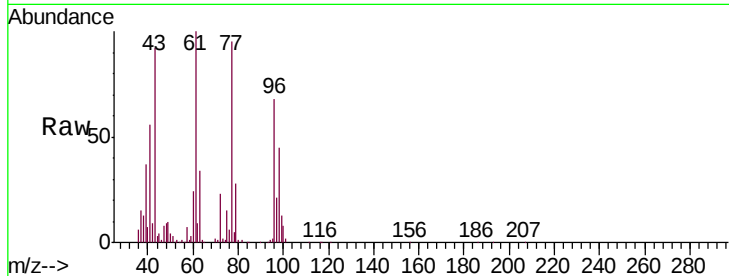


#27

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

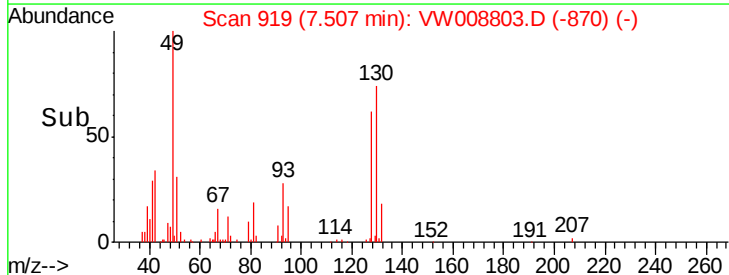
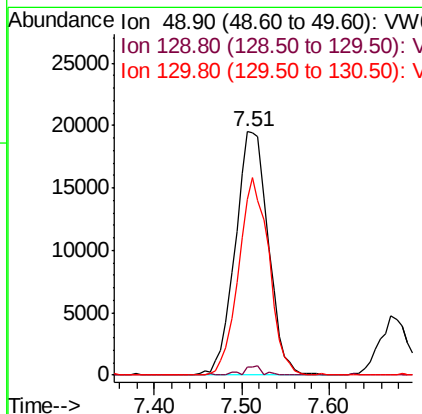
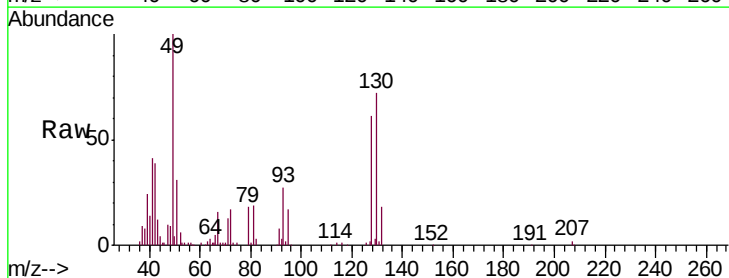
Tgt Ion: 96 Resp: 73711
Ion Ratio Lower Upper
96 100
61 150.3 0.0 302.6
98 64.9 0.0 130.0

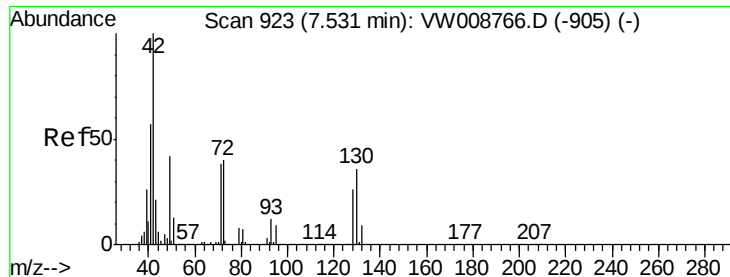


#28

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

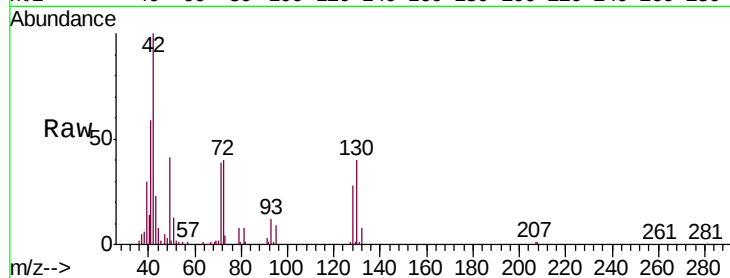
Tgt Ion: 42 Resp: 62280

Ion Ratio Lower Upper

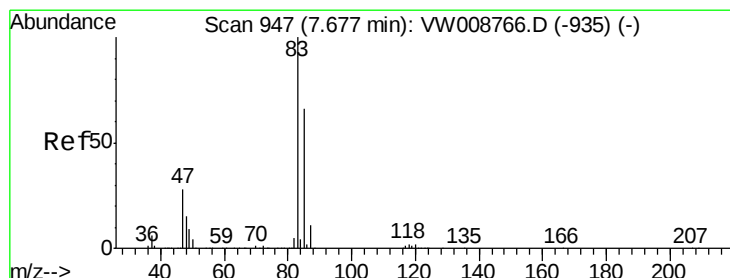
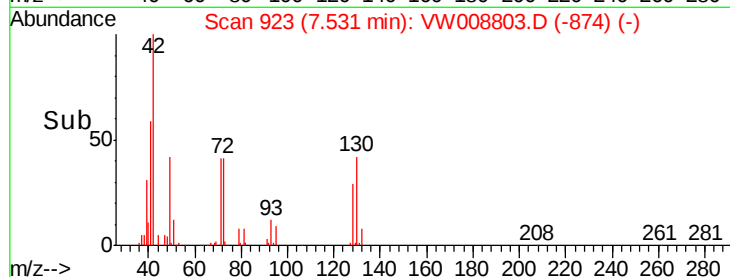
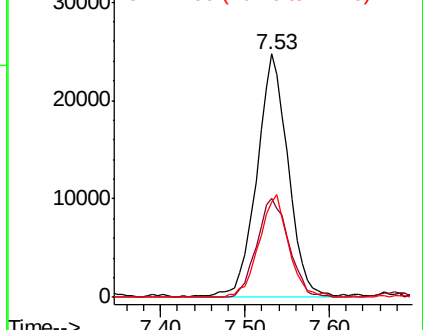
42 100

72 42.3 32.7 49.1

71 40.4 31.3 46.9



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 21.452 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008803.D

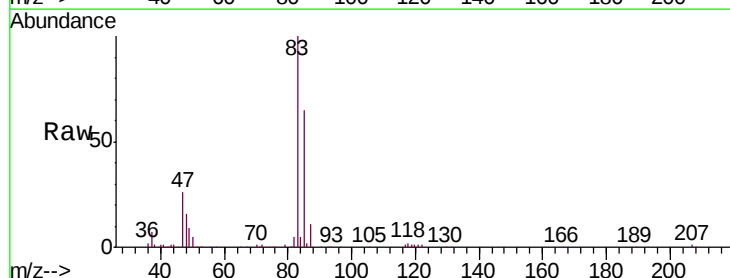
Acq: 25 Feb 2019 13:35

Tgt Ion: 83 Resp: 123262

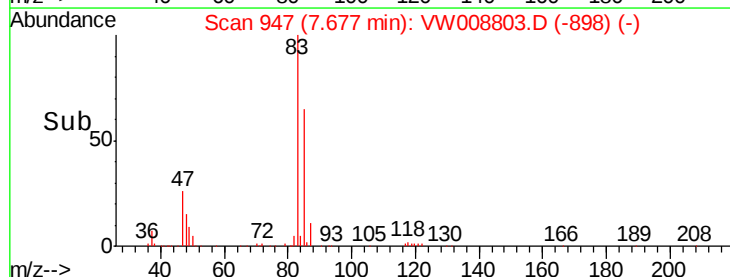
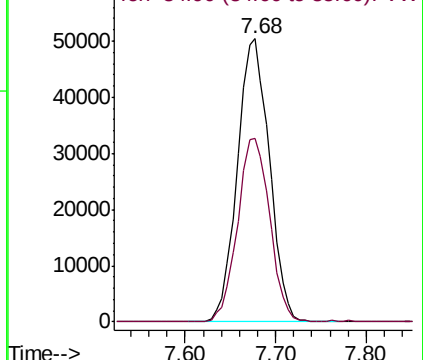
Ion Ratio Lower Upper

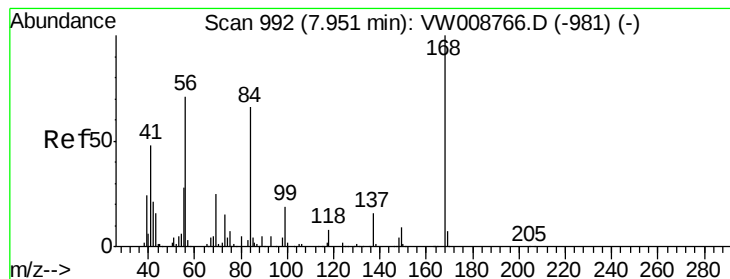
83 100

85 65.0 52.6 79.0



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





#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

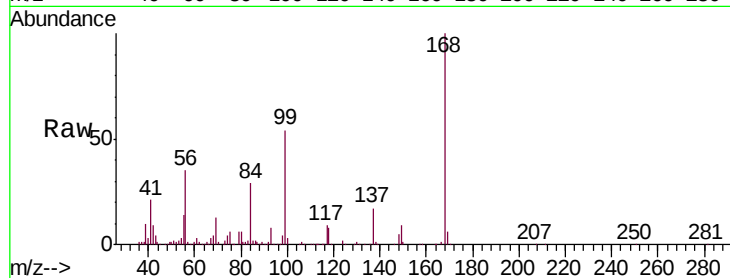
Tgt Ion: 56 Resp: 122231

Ion Ratio Lower Upper

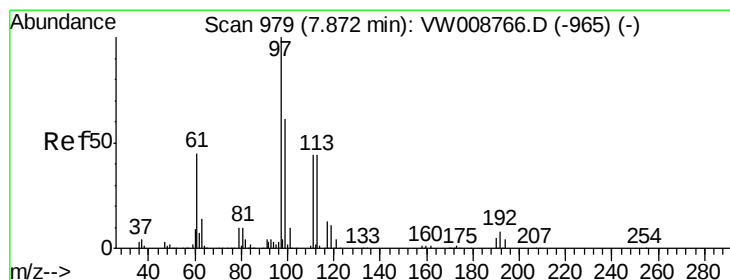
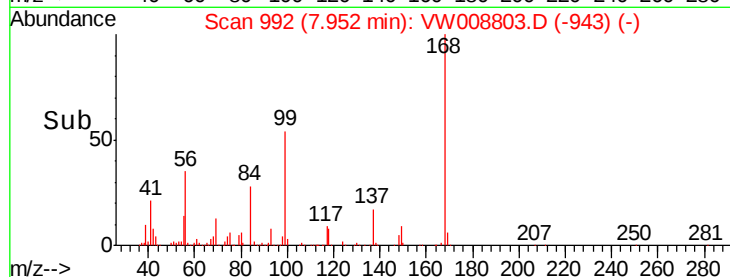
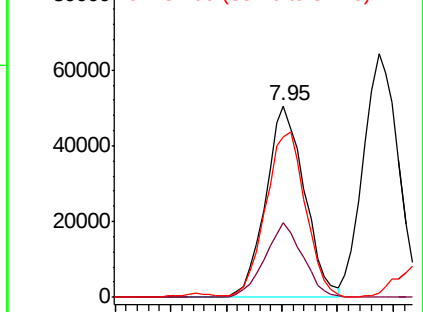
56 100

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

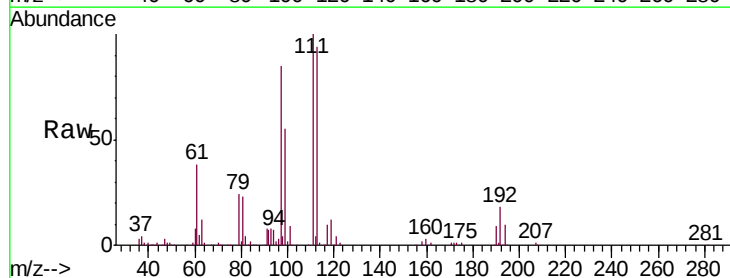
Tgt Ion: 97 Resp: 114912

Ion Ratio Lower Upper

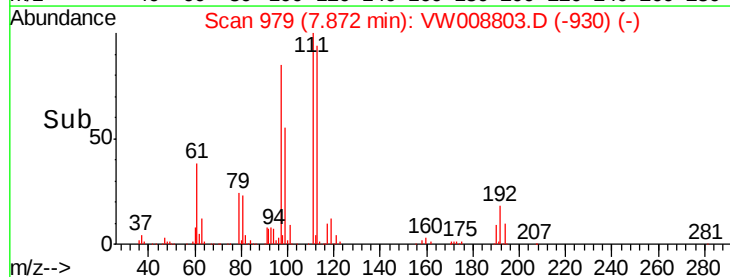
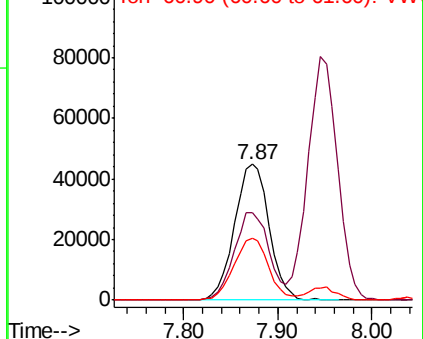
97 100

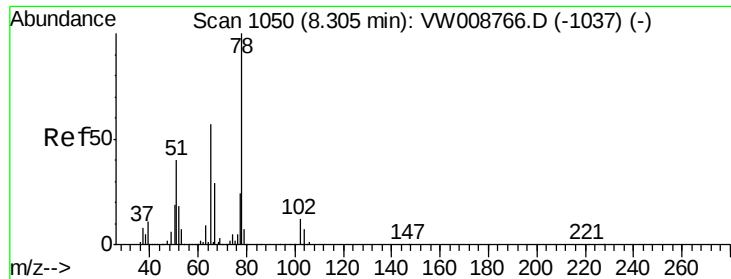
99 65.9 50.8 76.2

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

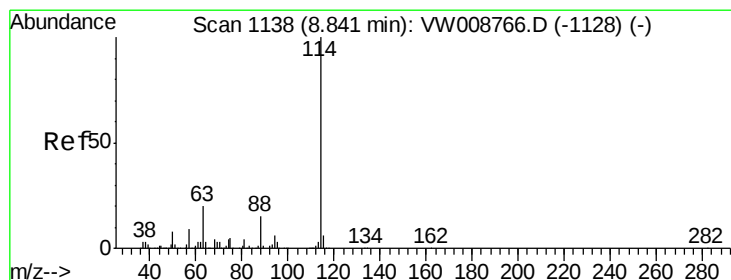
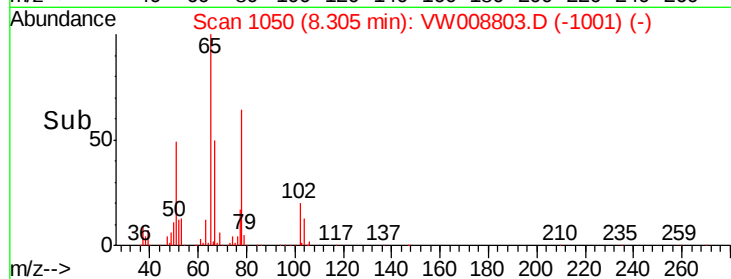
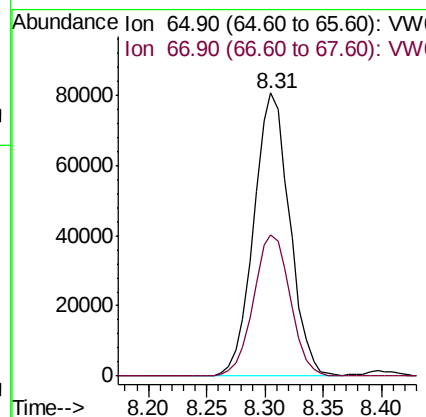
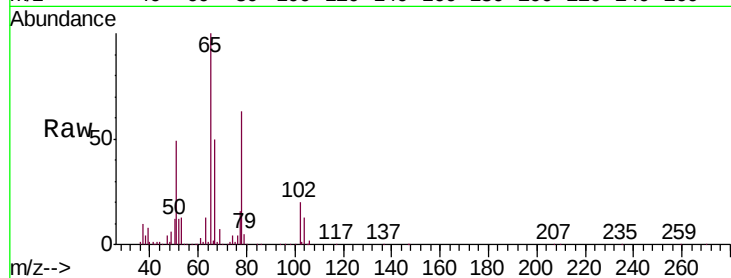




#33
 1,2-Dichloroethane-d4
 Concen: 57.655 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

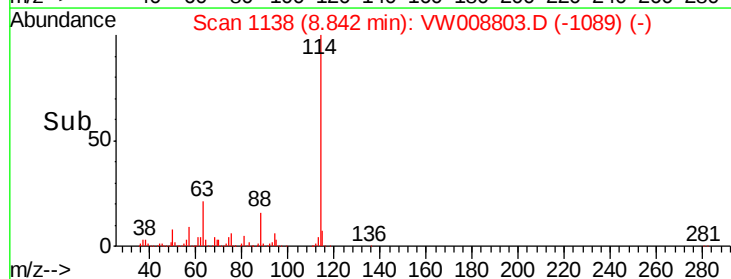
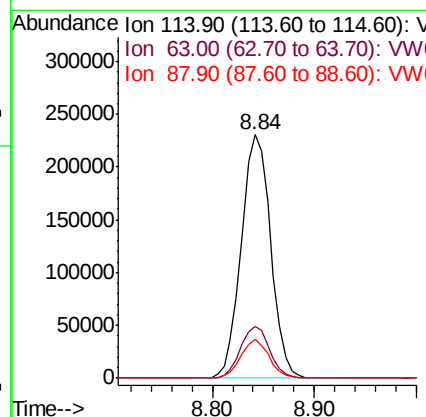
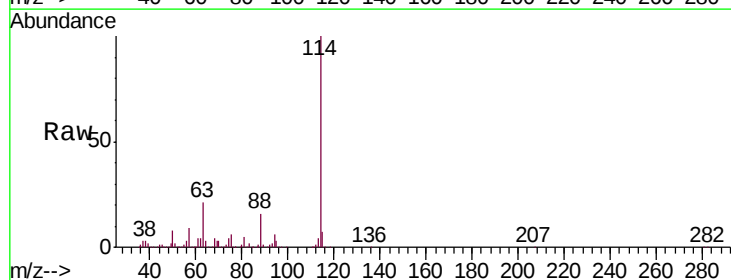
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

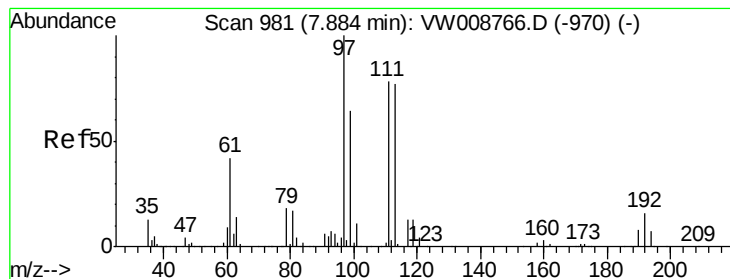
Tgt Ion: 65 Resp: 173383
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#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

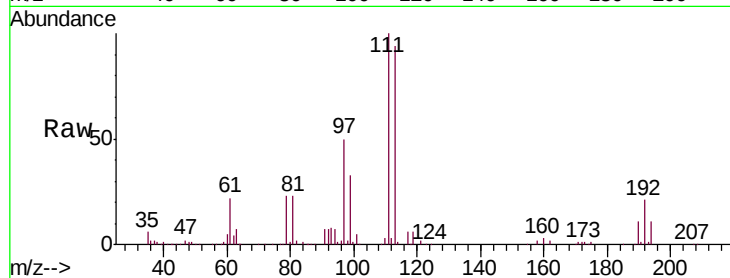
Tgt Ion:113 Resp: 160473

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

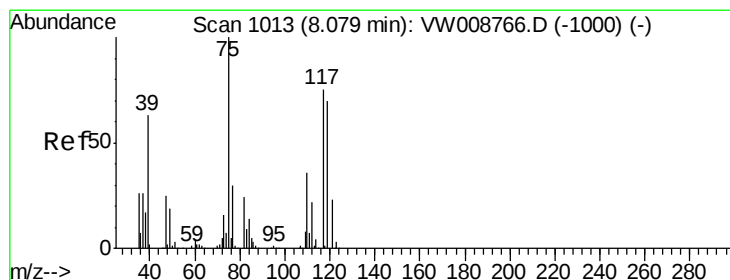
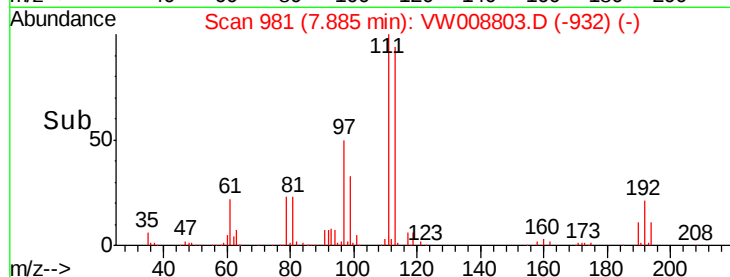
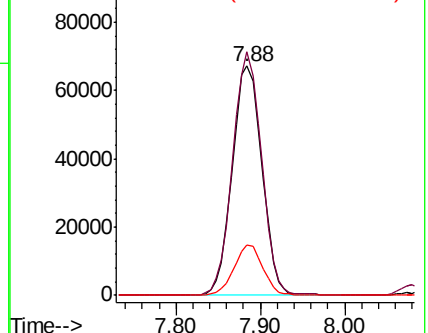
192 21.2 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#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

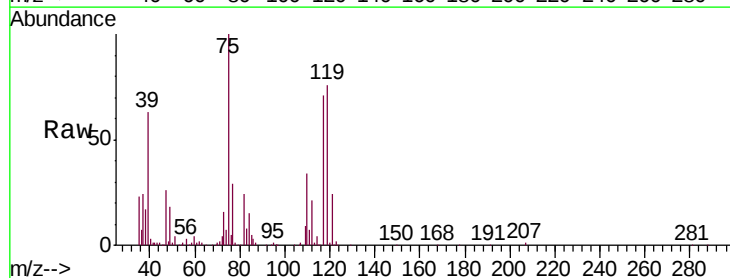
Tgt Ion: 75 Resp: 100082

Ion Ratio Lower Upper

75 100

110 36.1 17.5 52.6

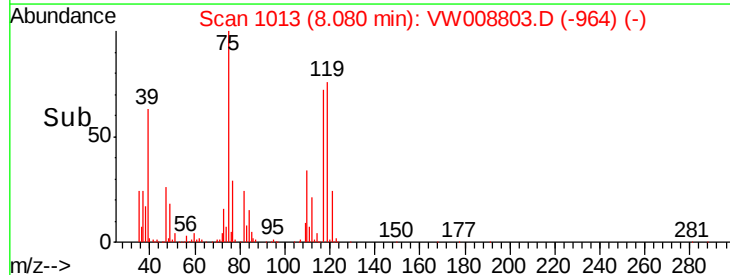
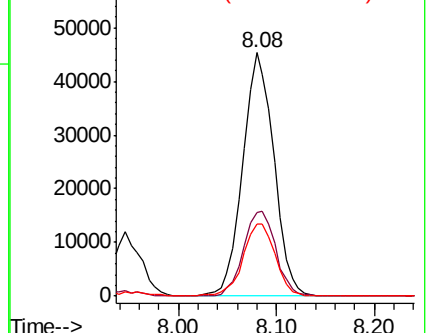
77 30.6 24.5 36.7

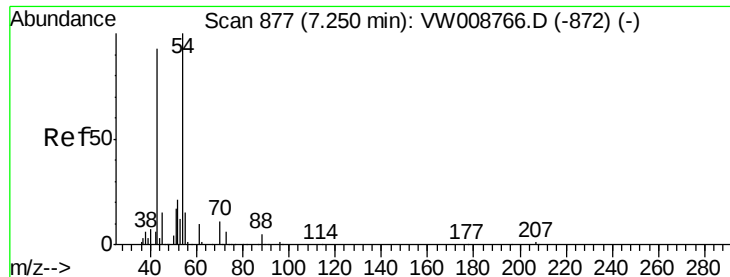


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

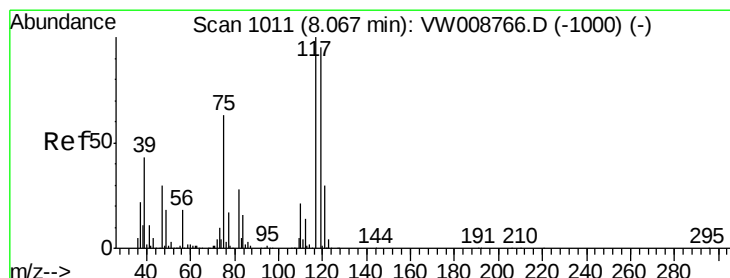
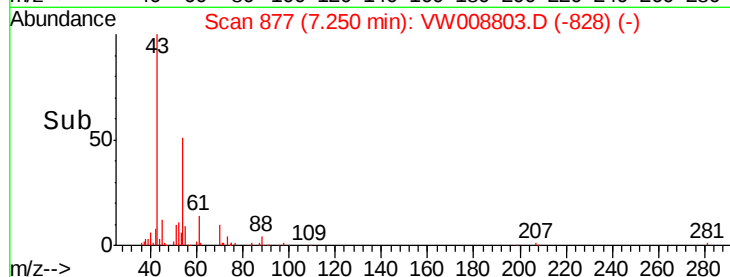
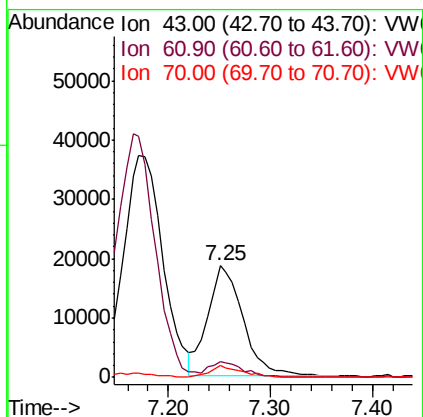
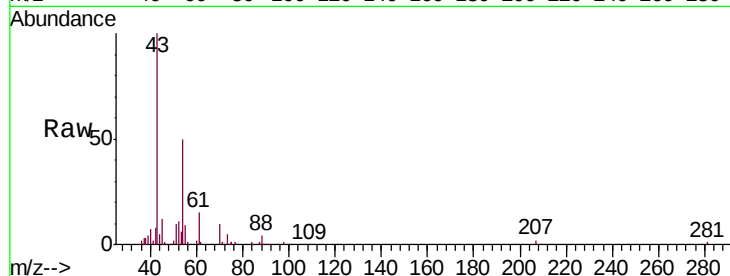




#37
Ethyl Acetate
Concen: 21.502 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

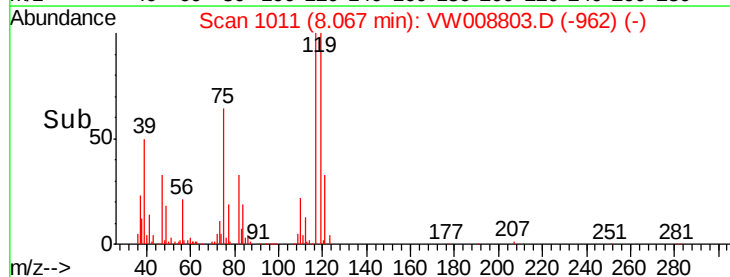
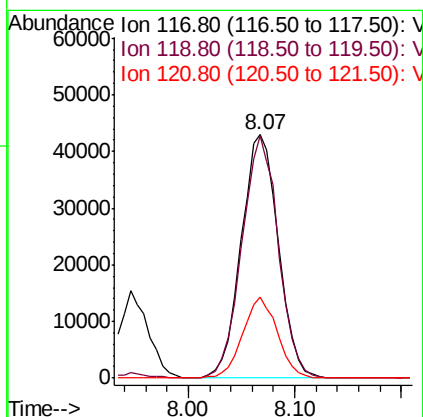
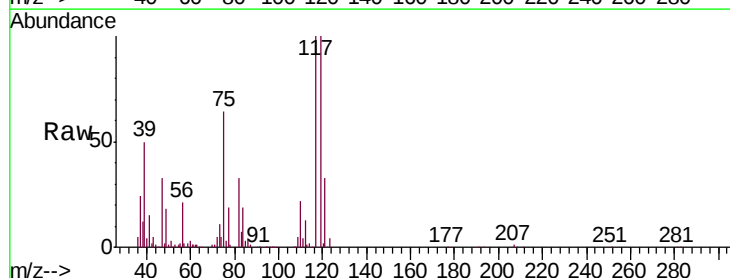
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

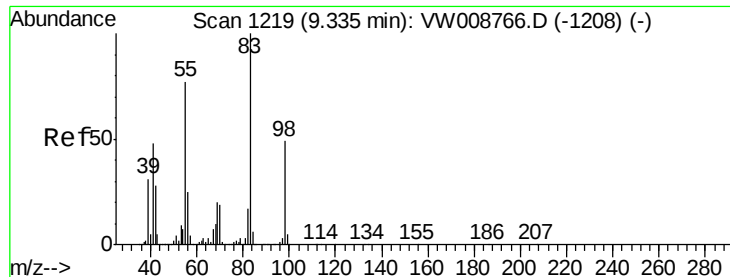
Tgt Ion: 43 Resp: 44833
Ion Ratio Lower Upper
43 100
61 13.9 9.8 14.8
70 9.9 8.4 12.6



#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

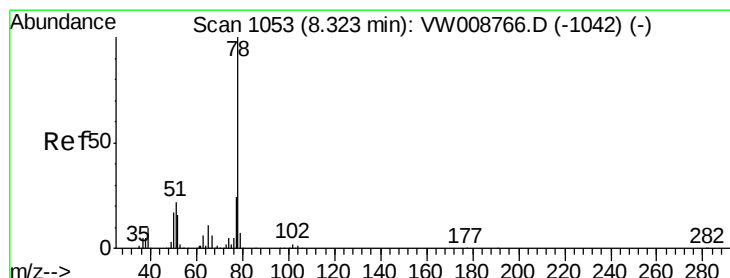
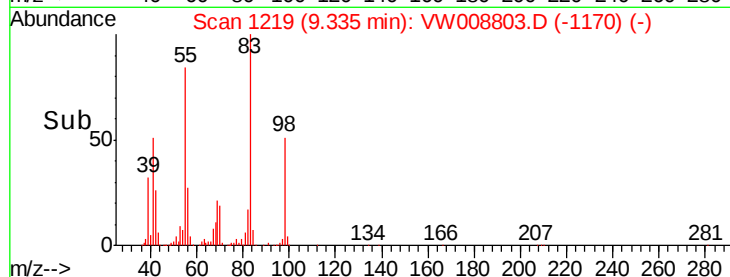
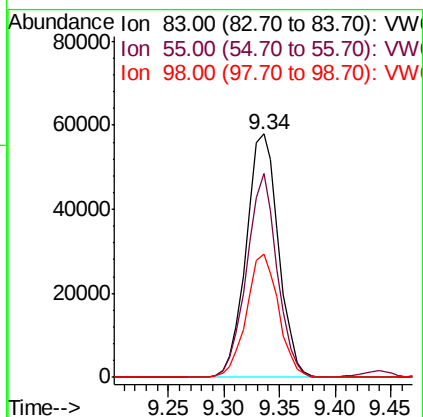
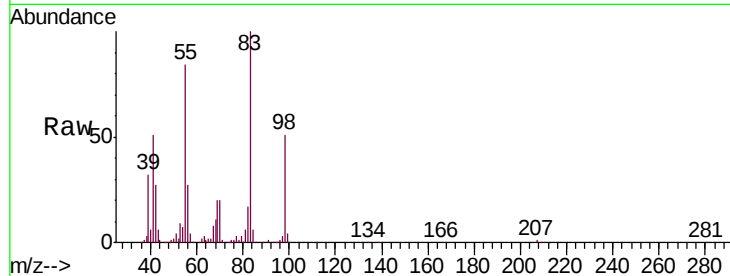




#39
Methylcyclohexane
Concen: 20.961 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

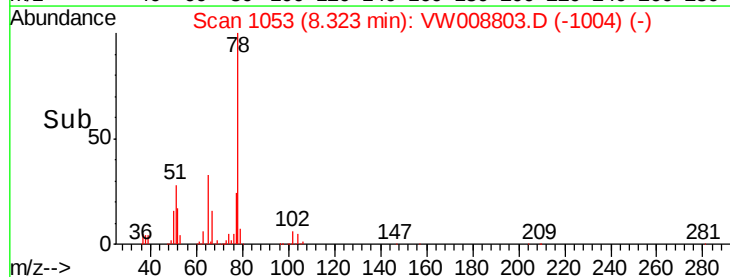
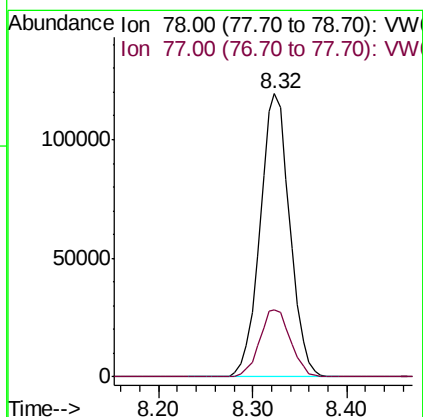
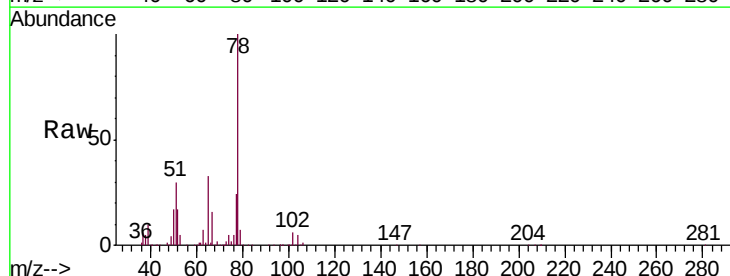
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

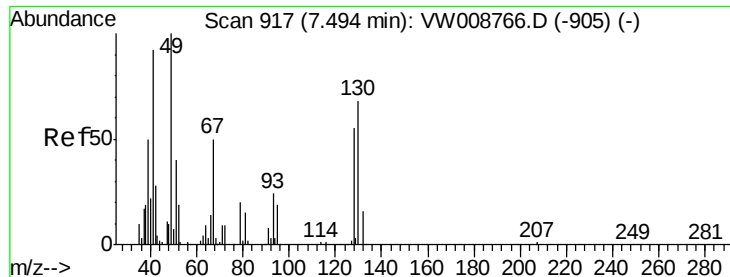
Tgt Ion: 83 Resp: 117228
Ion Ratio Lower Upper
83 100
55 83.7 61.2 91.8
98 50.6 39.4 59.2



#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

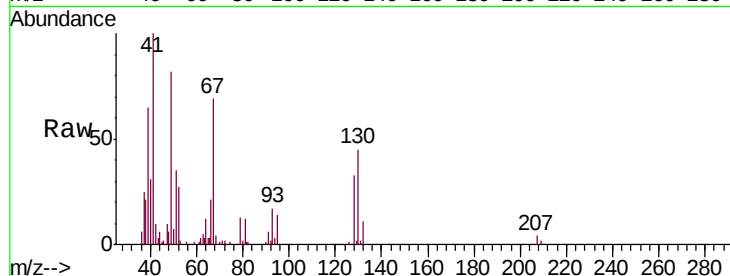




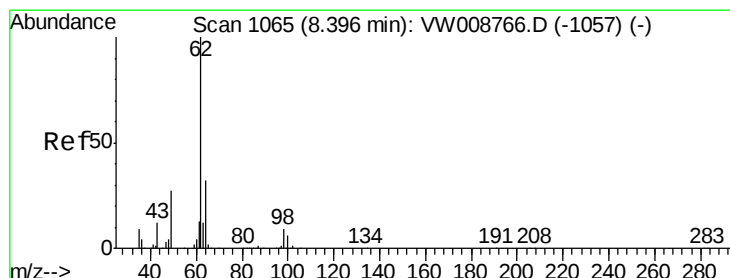
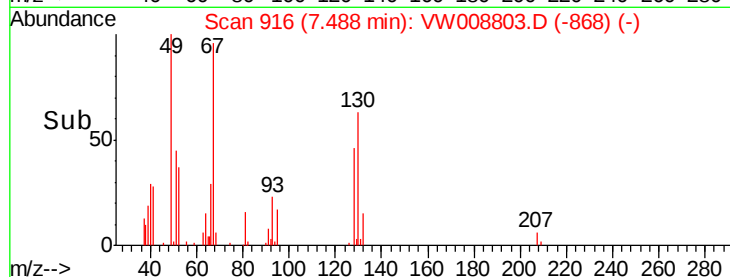
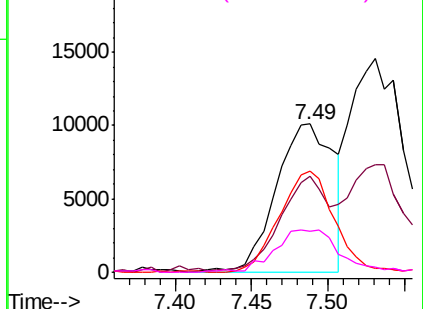
#41
Methacrylonitrile
Concen: 21.626 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

Tgt 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

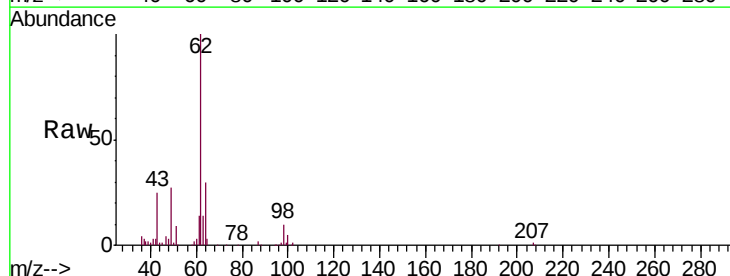


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

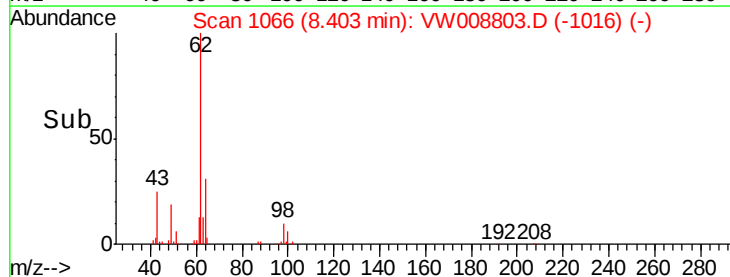
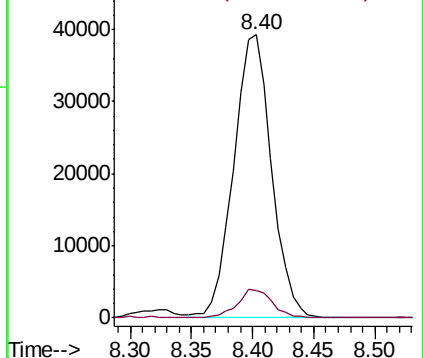


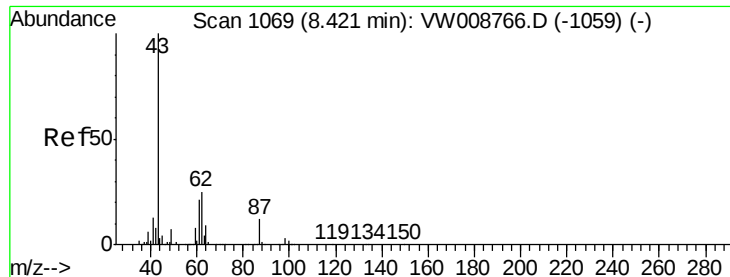
#42
1,2-Dichloroethane
Concen: 21.631 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

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



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#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

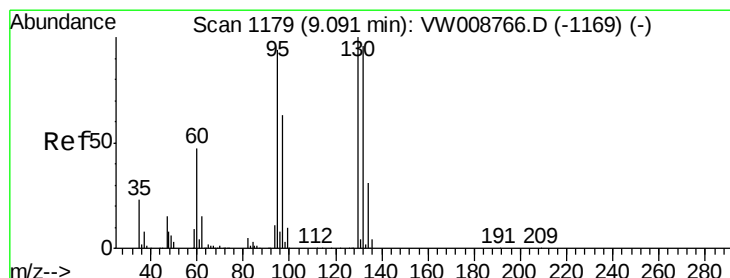
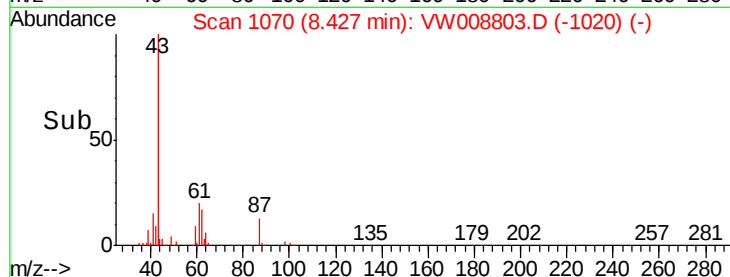
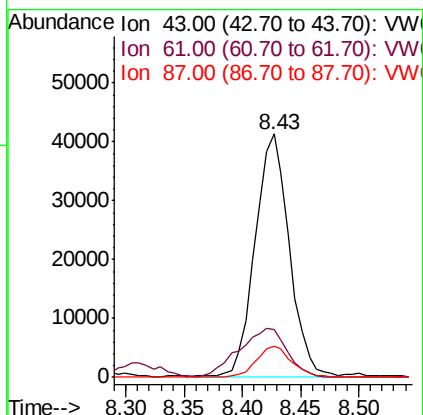
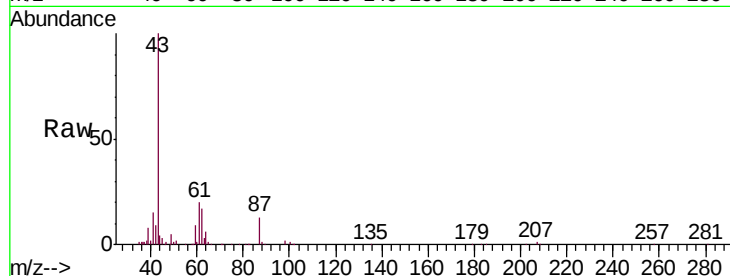
Tgt Ion: 43 Resp: 84289

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

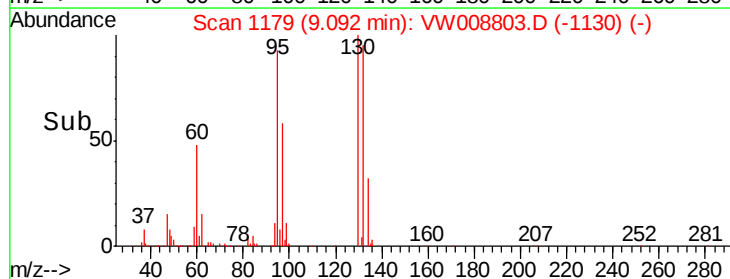
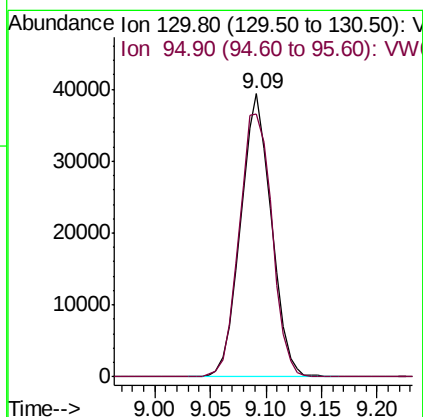
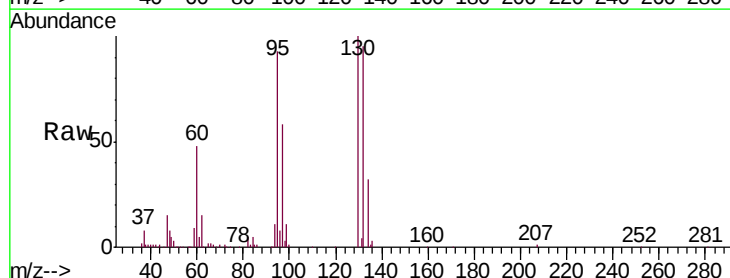
Acq: 25 Feb 2019 13:35

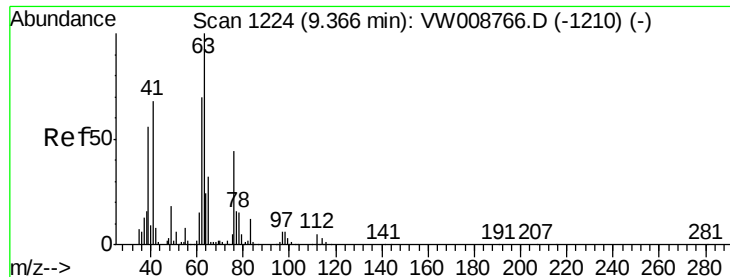
Tgt Ion: 130 Resp: 75423

Ion Ratio Lower Upper

130 100

95 92.7 0.0 188.6

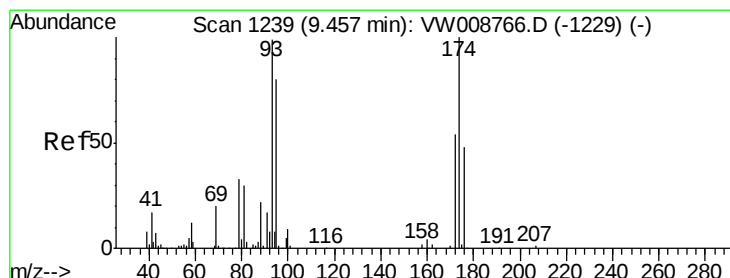
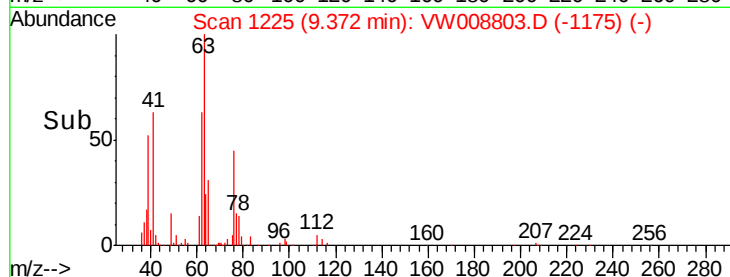
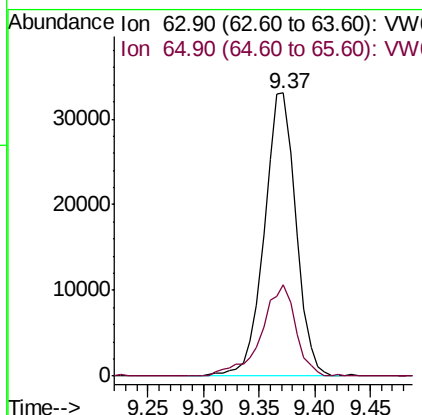
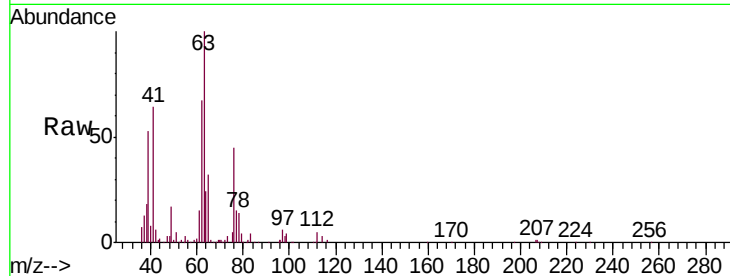




#45
 1,2-Dichloropropane
 Concen: 21.696 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

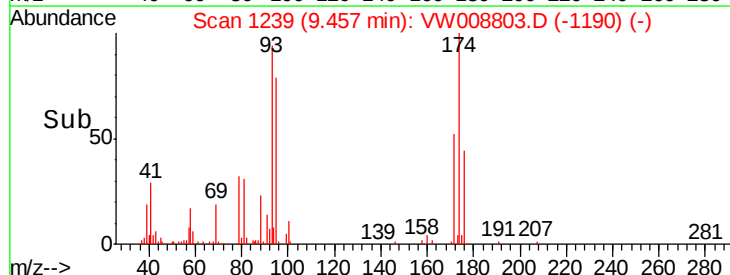
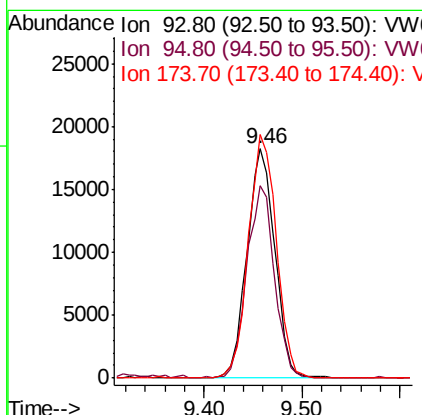
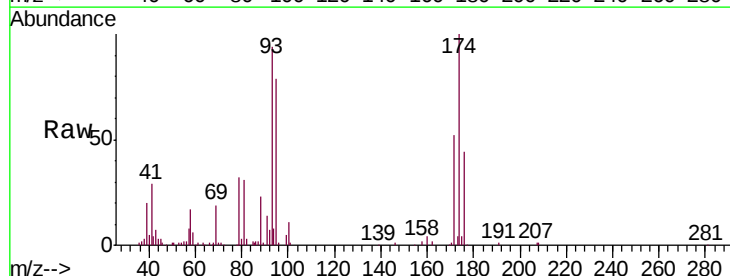
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

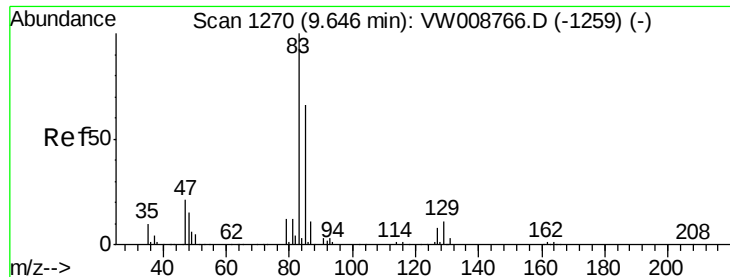
Tgt Ion: 63 Resp: 65636
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.5 38.3



#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

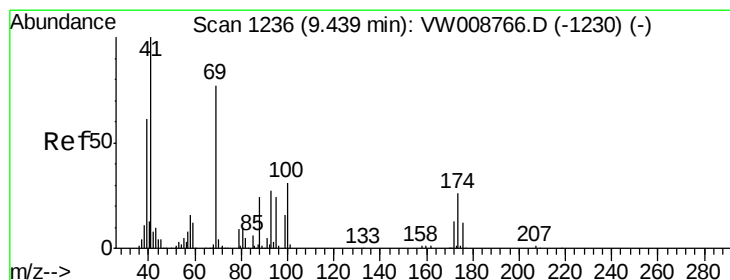
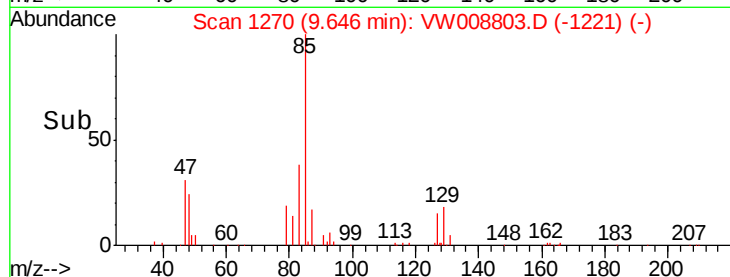
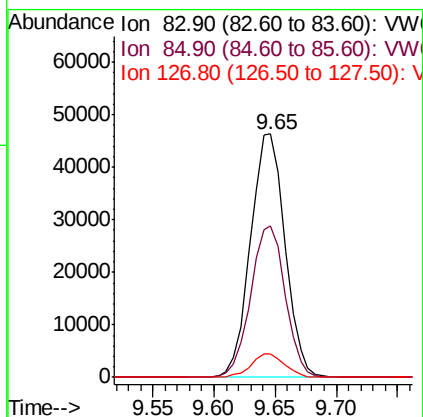
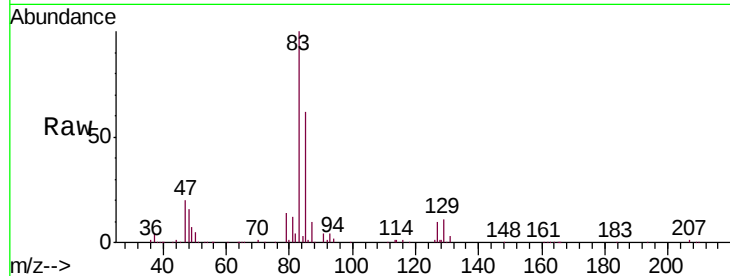




#47
Bromodichloromethane
Concen: 22.296 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

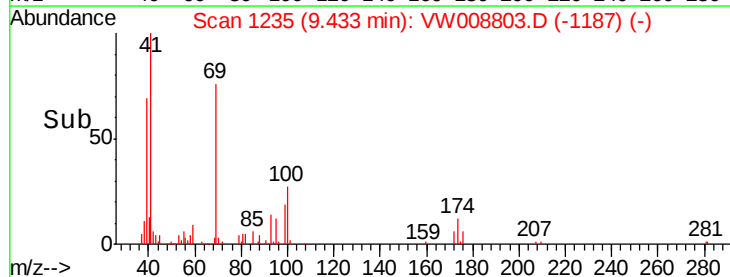
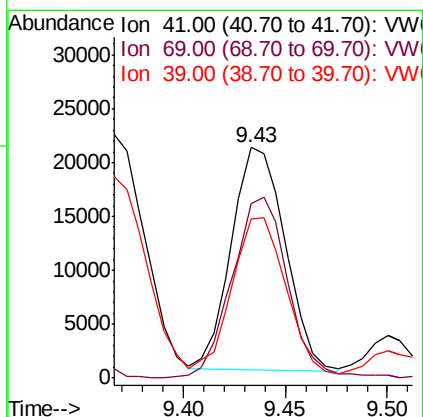
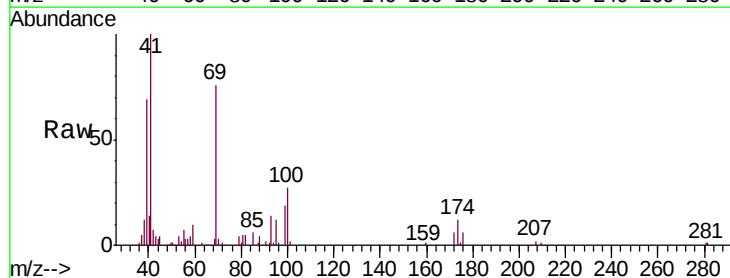
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

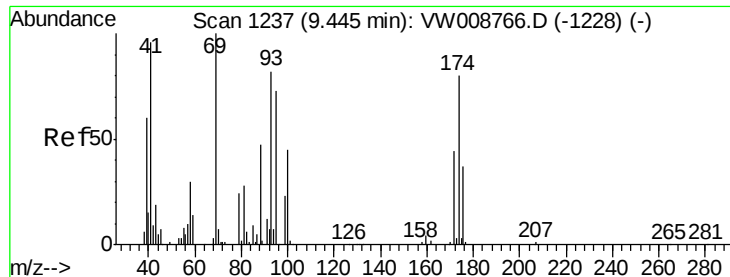
Tgt Ion: 83 Resp: 91282
Ion Ratio Lower Upper
83 100
85 62.4 52.5 78.7
127 9.6 6.7 10.1



#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

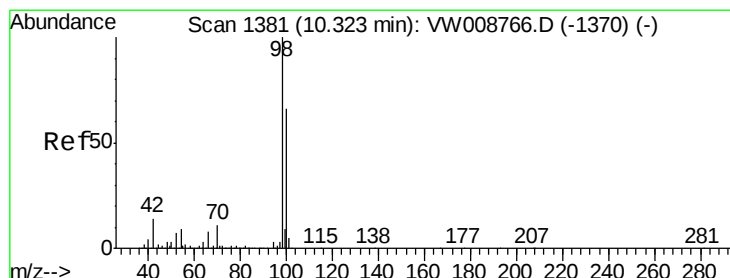
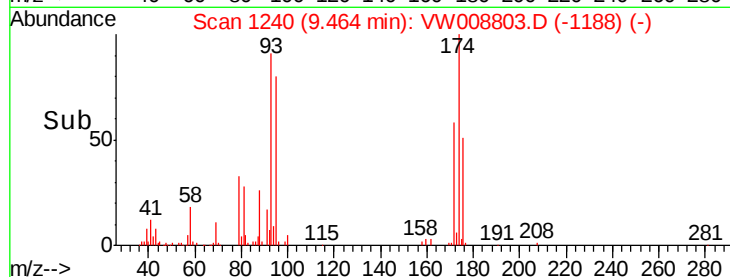
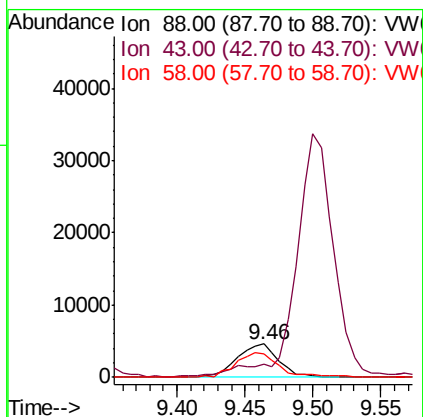
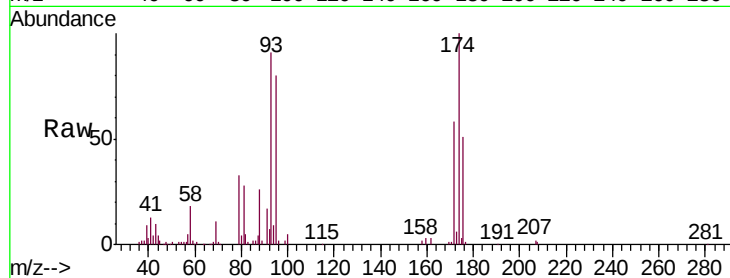




#49
1,4-Dioxane
Concen: 367.641 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

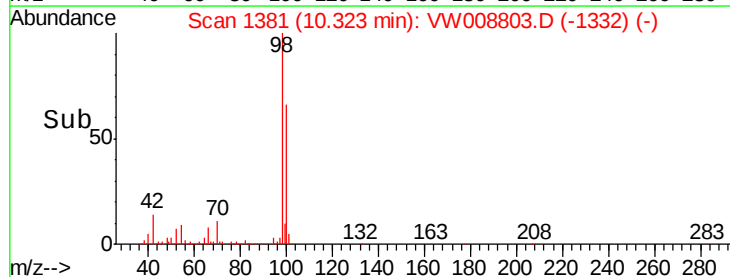
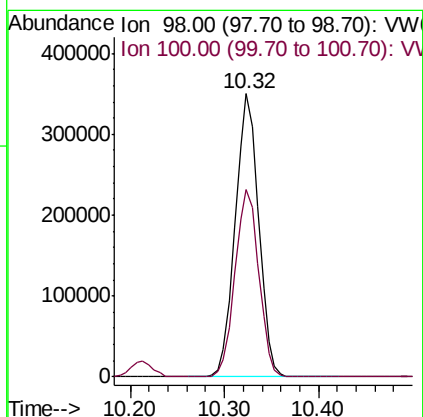
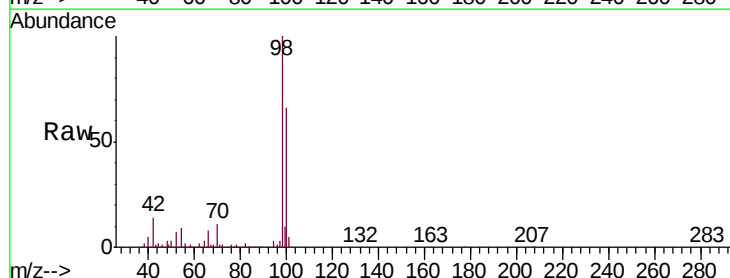
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

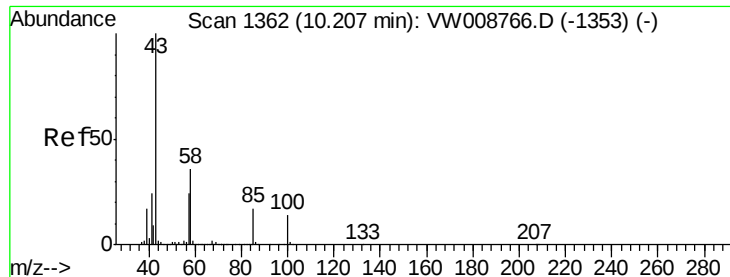
Tgt Ion: 88 Resp: 9907
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 78.2 52.0 78.0#



#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 :

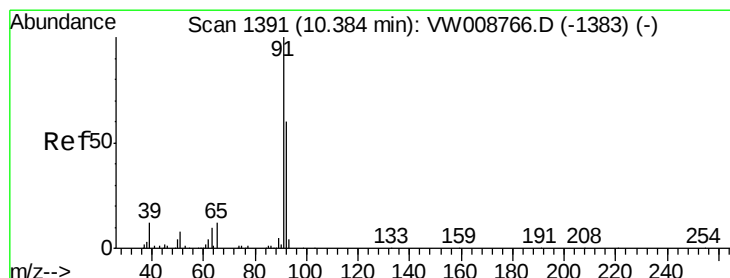
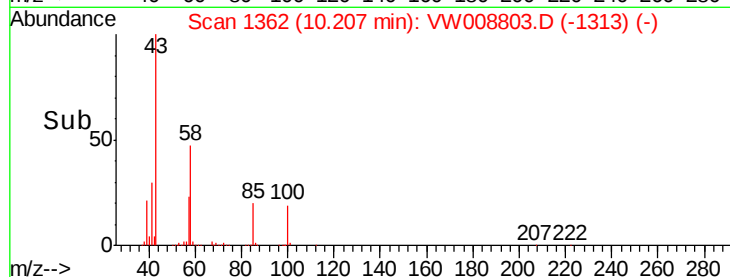
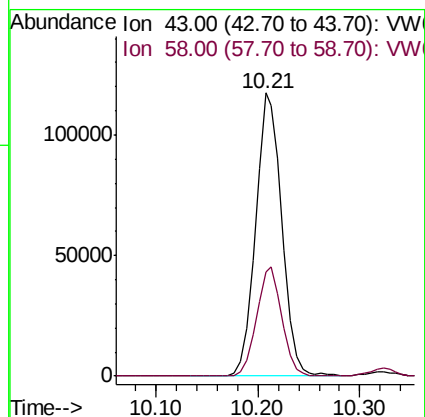
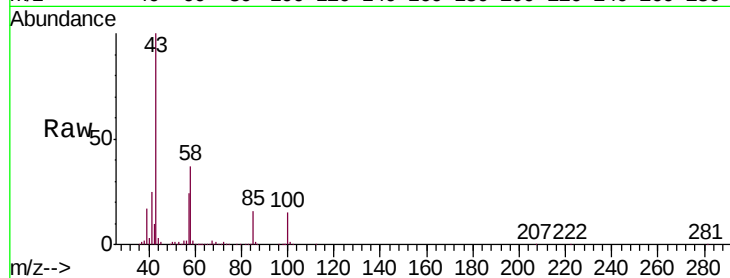
VW0225SBSD01

Tgt 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

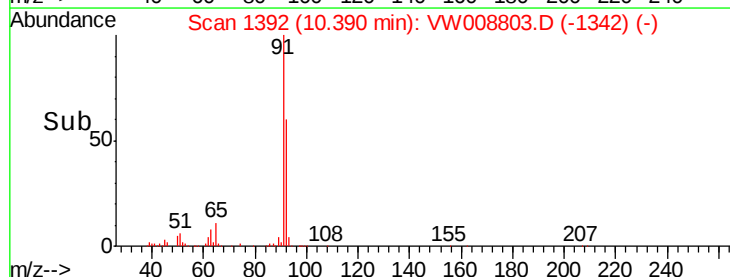
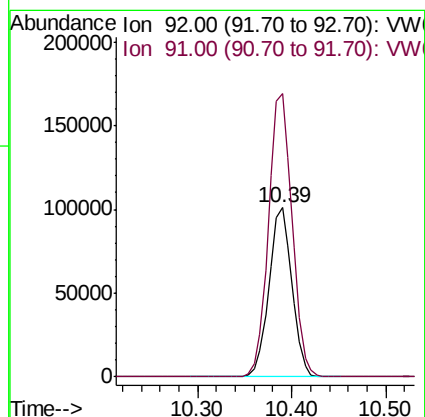
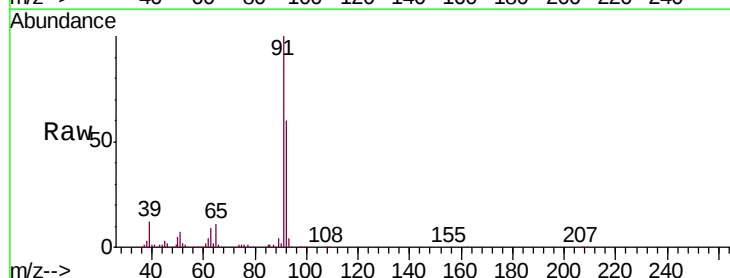
Acq: 25 Feb 2019 13:35

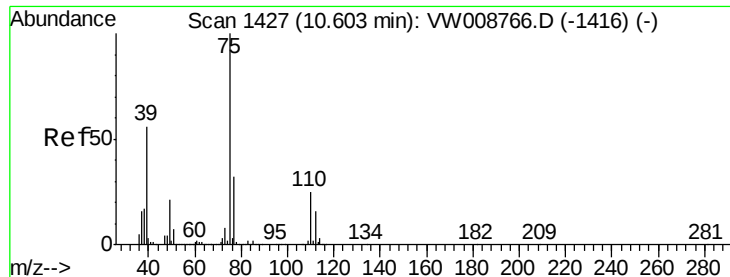
Tgt Ion: 92 Resp: 172702

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 :

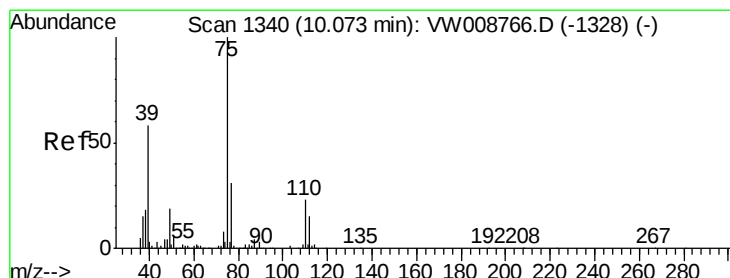
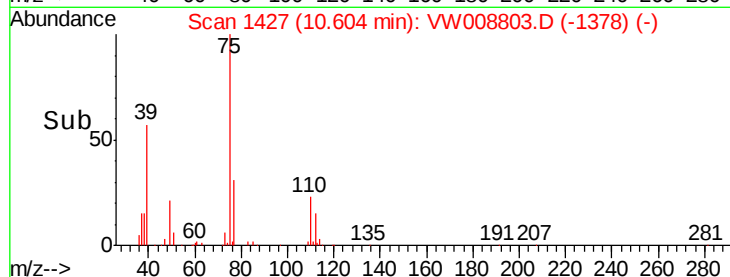
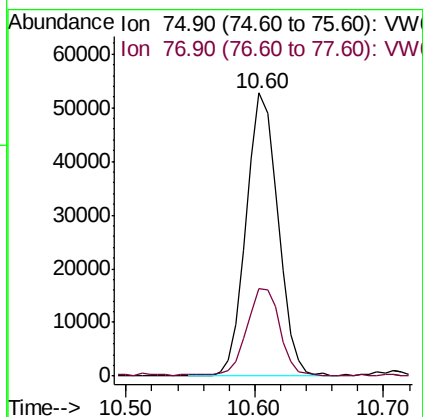
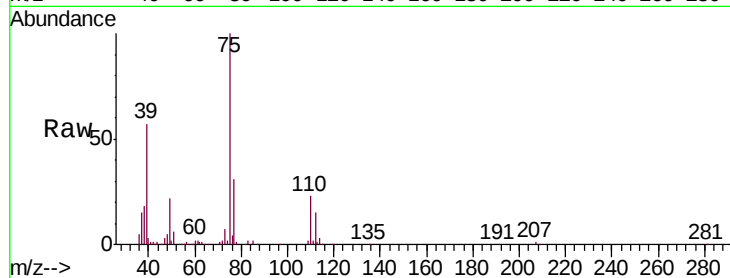
VW0225SBSD01

Tgt 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

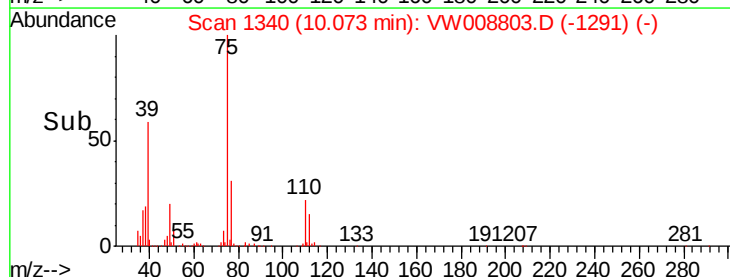
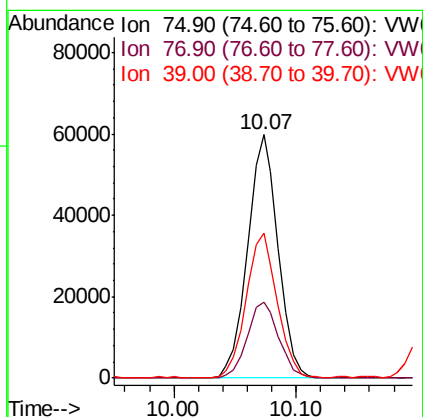
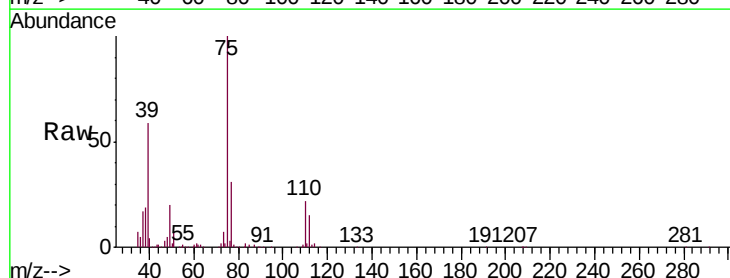
Tgt Ion: 75 Resp: 103465

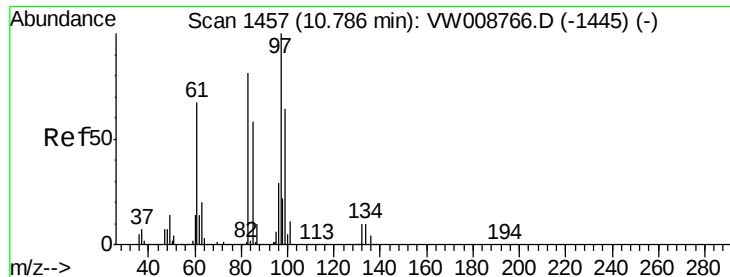
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 58.9 46.6 70.0

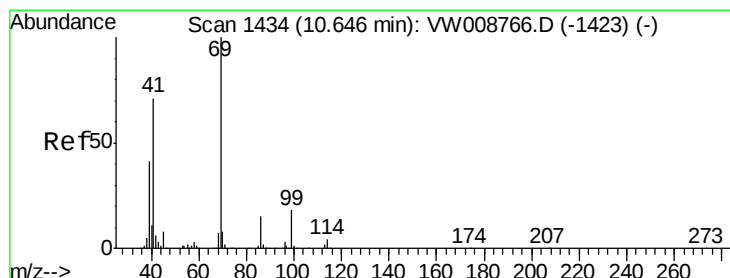
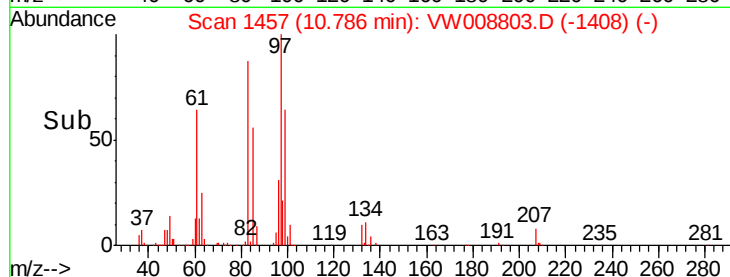
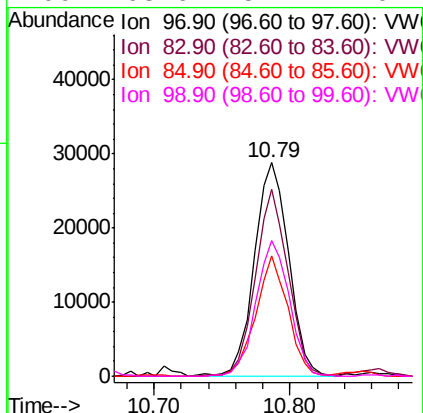
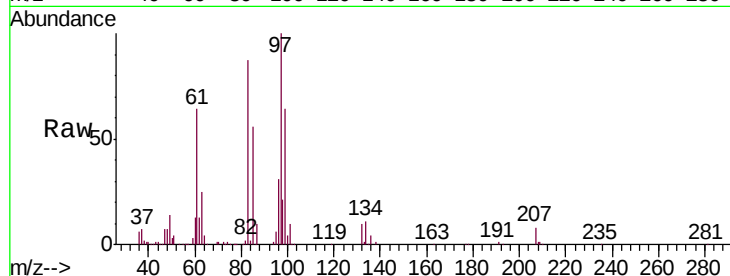




#55
 1,1,2-Trichloroethane
 Concen: 22.414 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

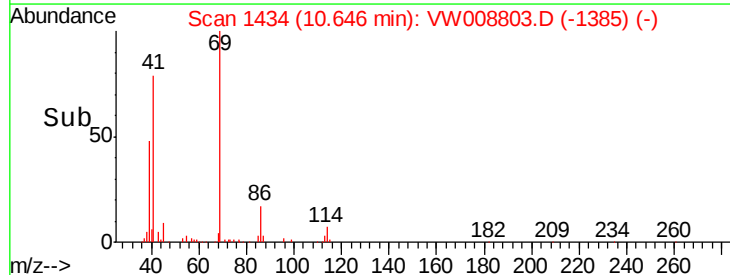
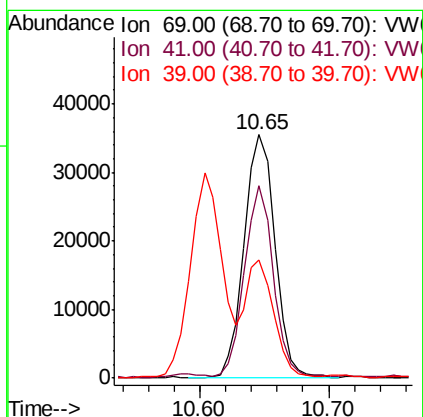
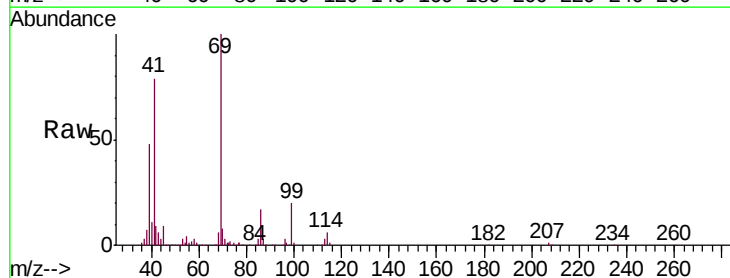
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

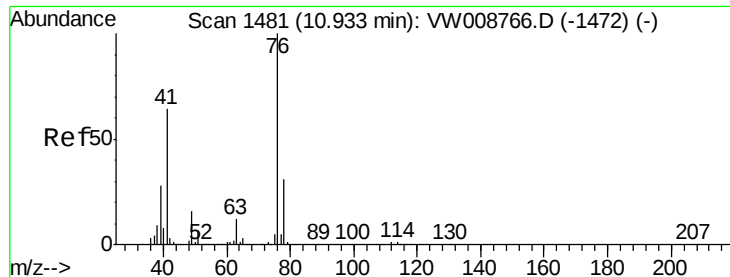
Tgt Ion:	97	Resp:	51150
Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.0	97.6
85	56.2	46.0	69.0
99	63.6	51.1	76.7



#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





#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 :

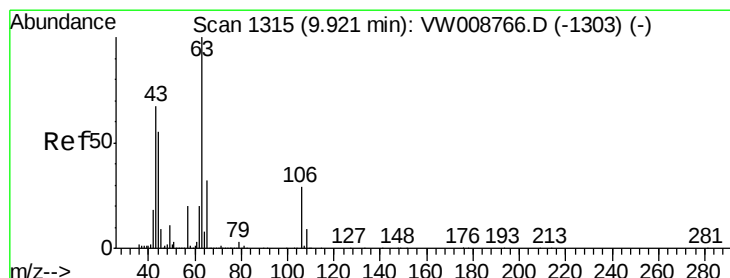
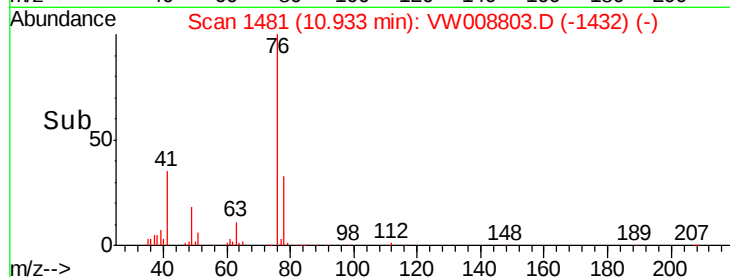
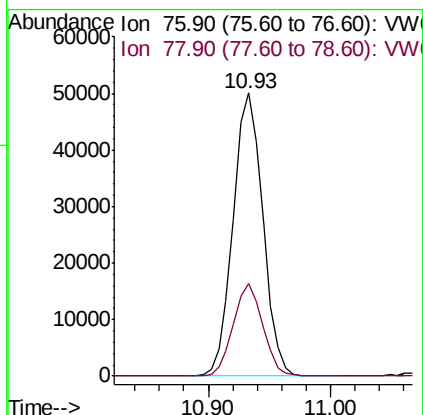
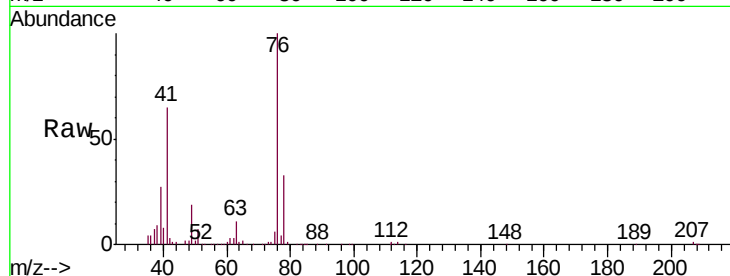
VW0225SBSD01

Tgt 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

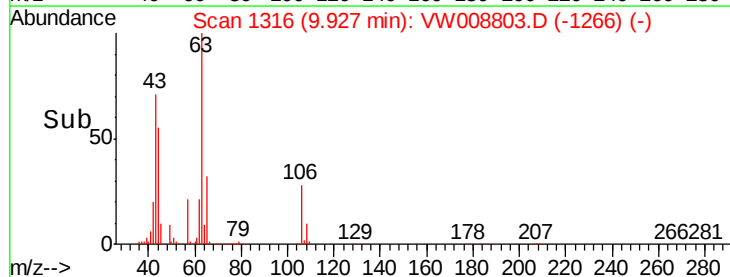
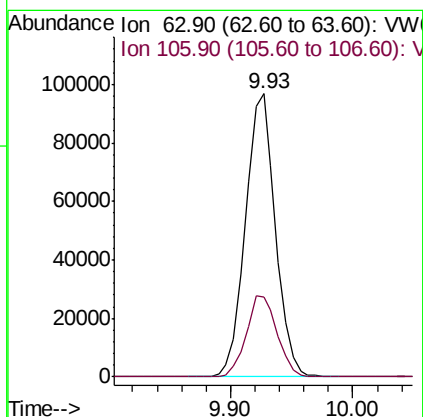
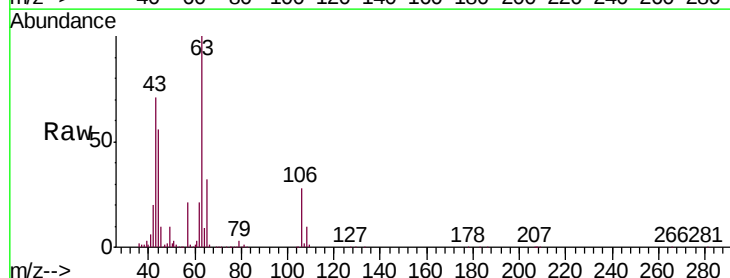
Acq: 25 Feb 2019 13:35

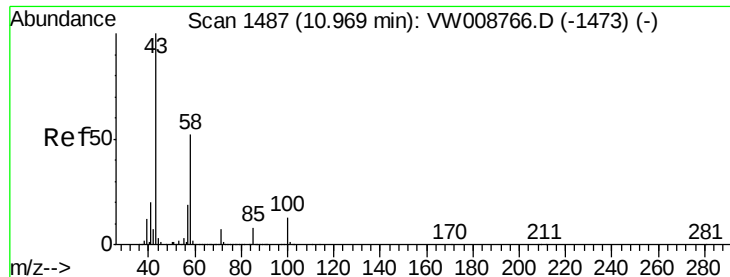
Tgt Ion: 63 Resp: 164563

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 :

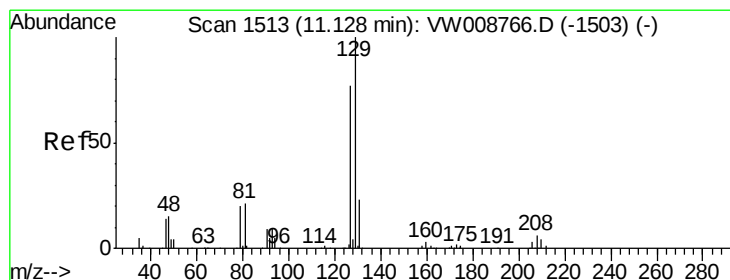
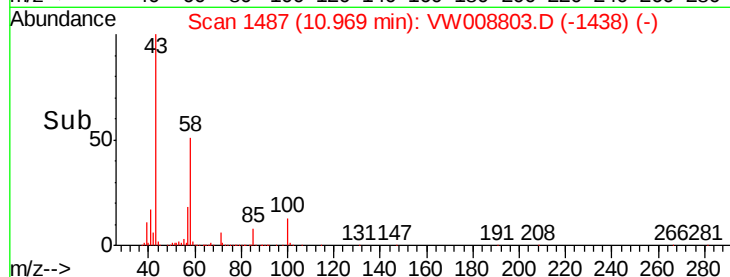
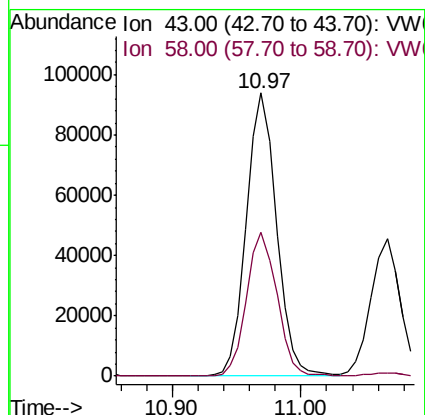
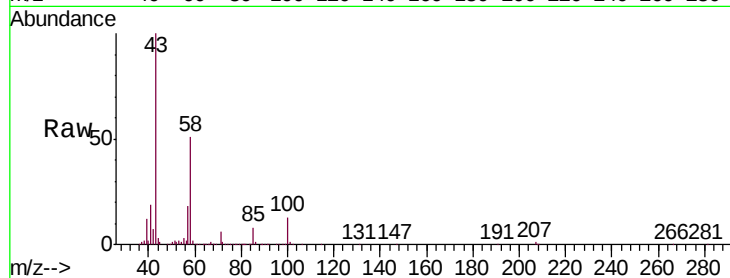
VW0225SBSD01

Tgt 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

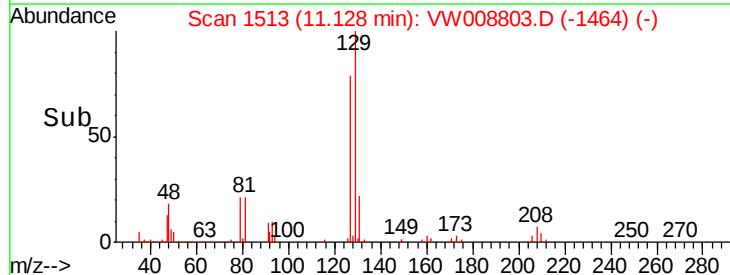
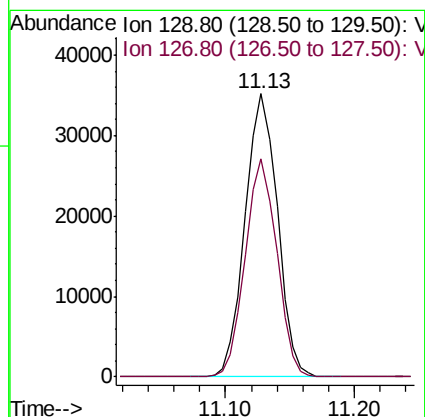
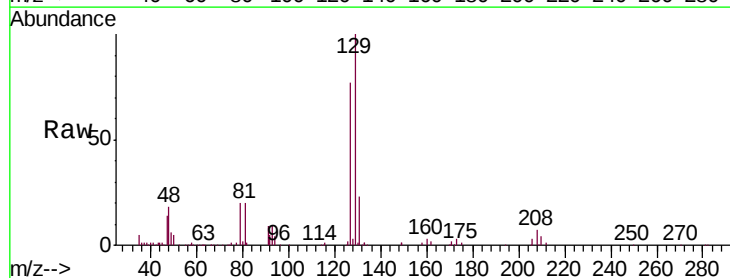
Acq: 25 Feb 2019 13:35

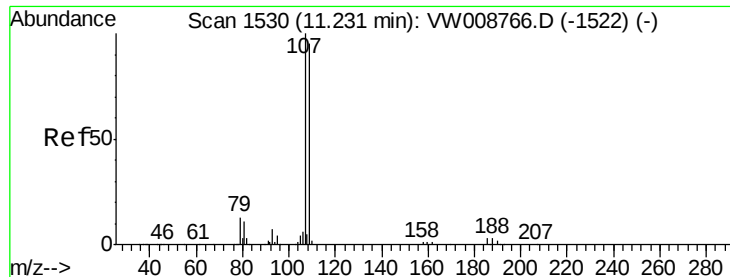
Tgt Ion: 129 Resp: 61168

Ion Ratio Lower Upper

129 100

127 75.1 39.0 116.9

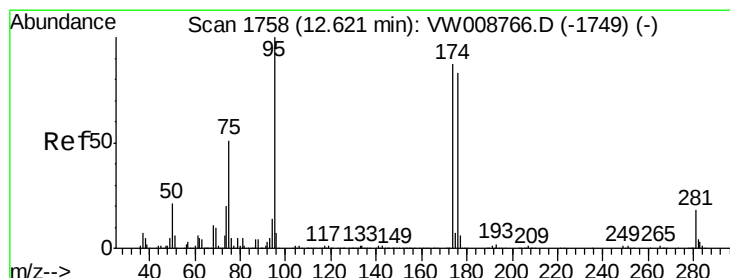
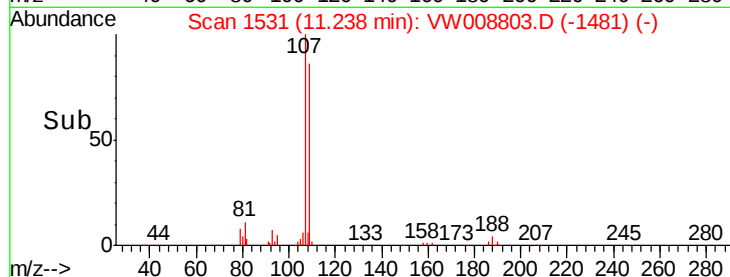
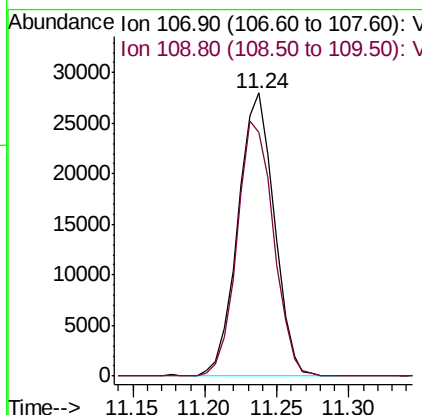
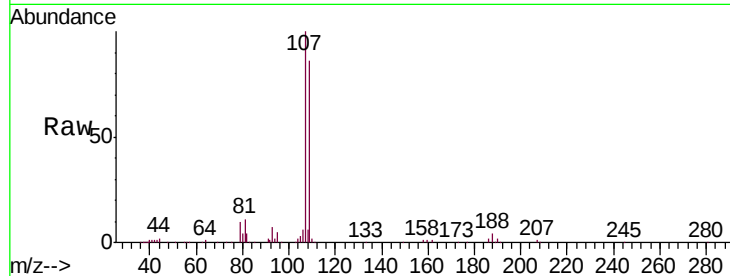




#61
 1,2-Dibromoethane
 Concen: 21.655 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

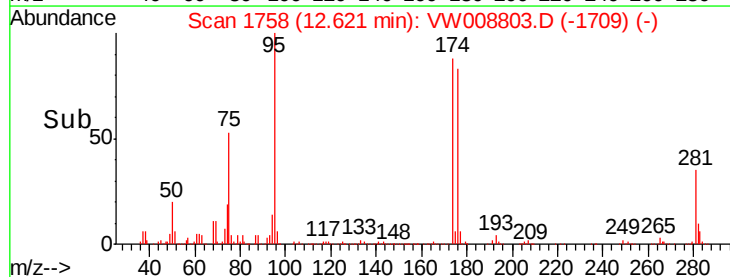
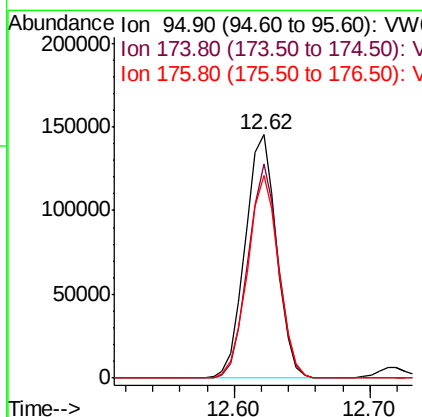
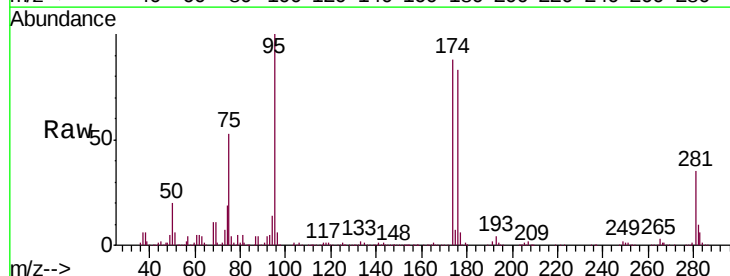
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

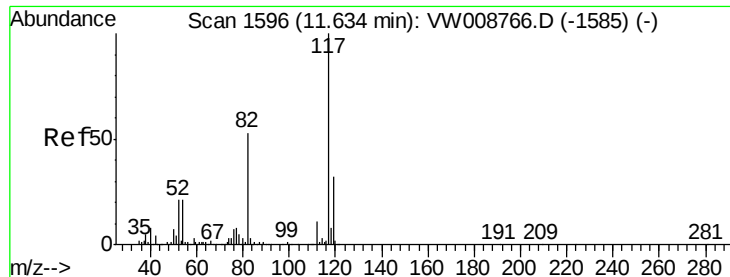
Tgt Ion: 107 Resp: 48915
 Ion Ratio Lower Upper
 107 100
 109 90.7 75.6 113.4



#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

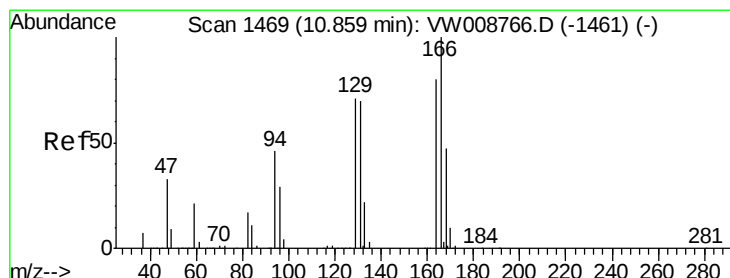
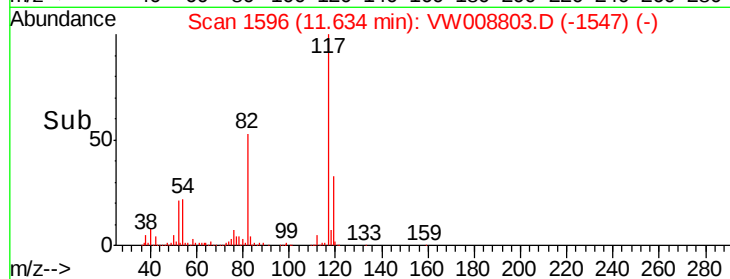
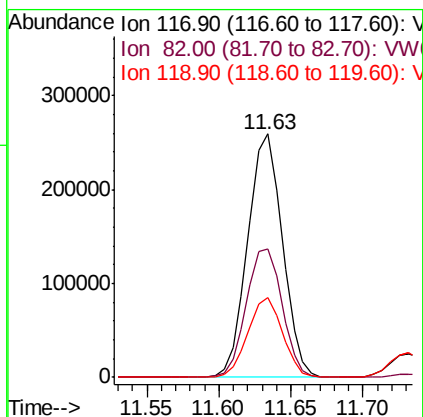
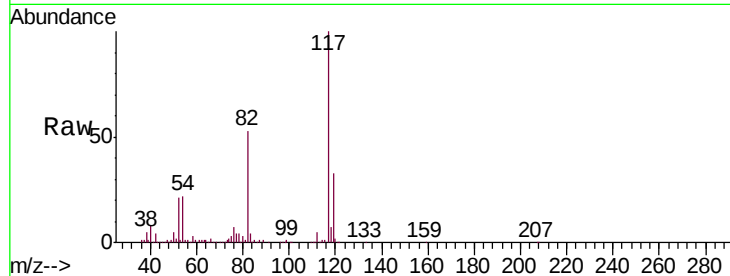




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

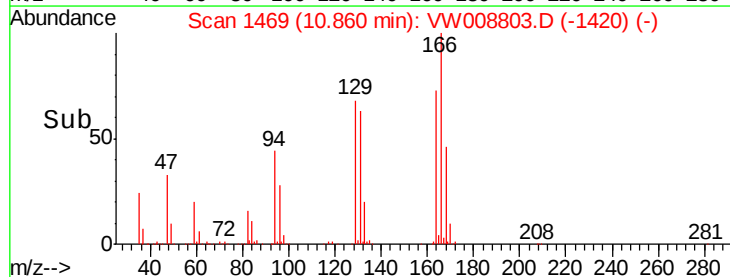
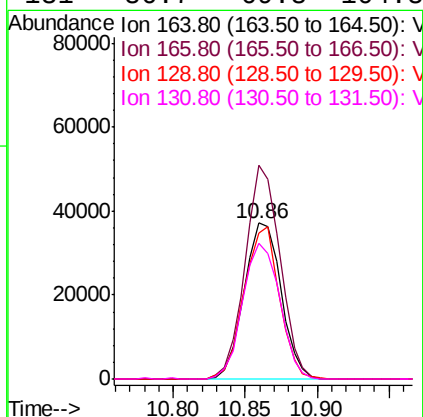
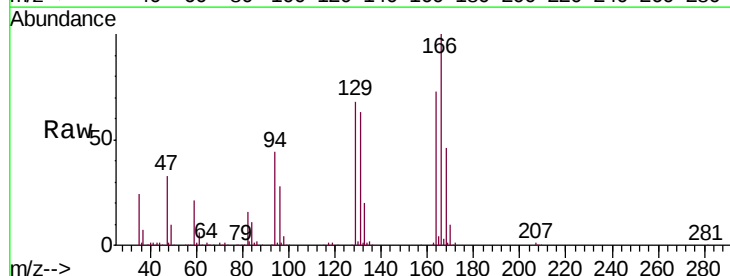
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

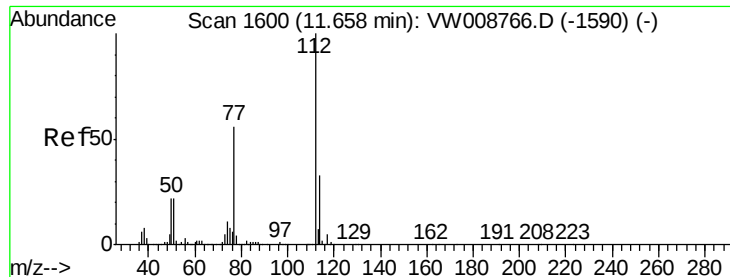
Tgt Ion:117 Resp: 432674
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.7 25.9 38.9



#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

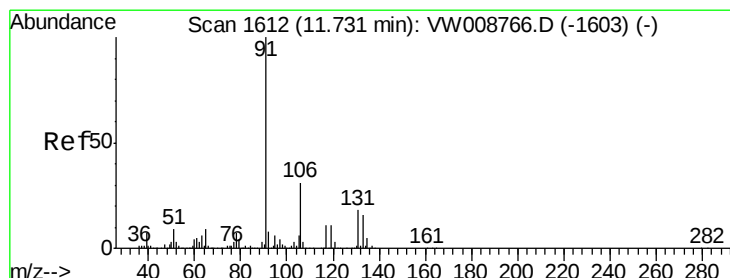
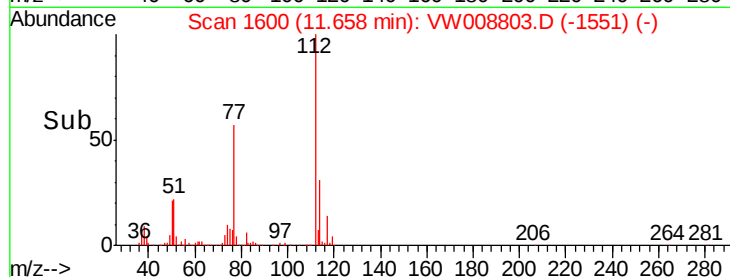
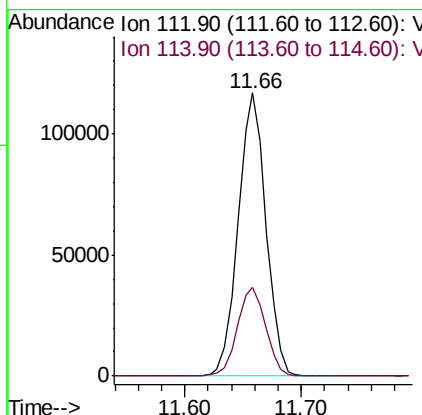
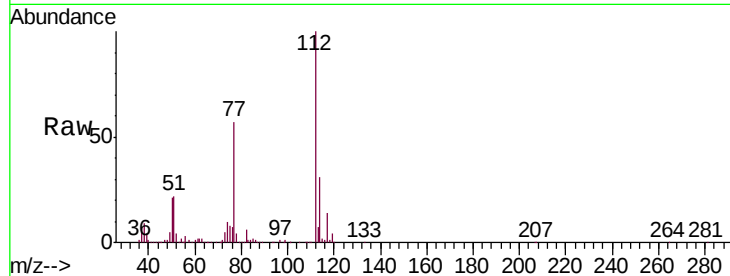




#65
Chlorobenzene
Concen: 21.313 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

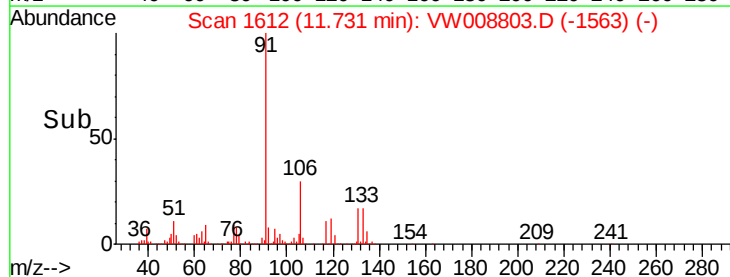
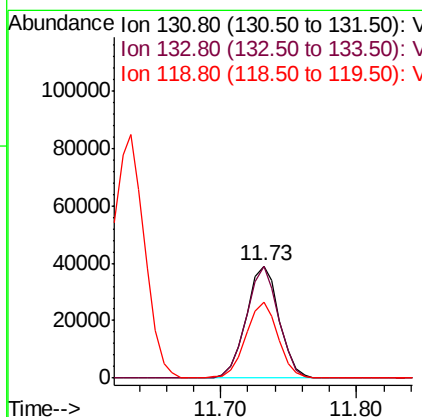
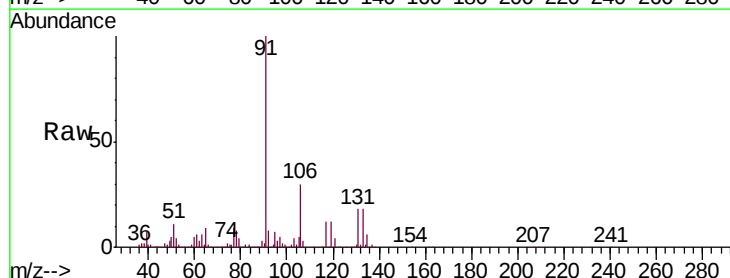
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

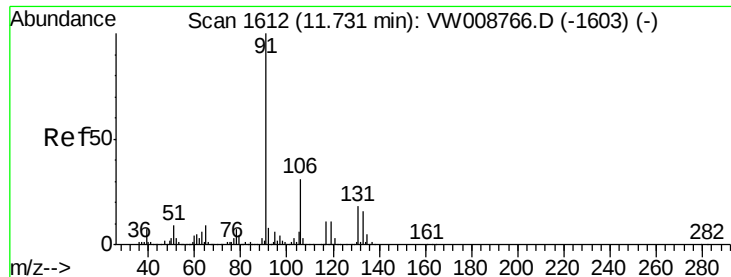
Tgt Ion:112 Resp: 193905
Ion Ratio Lower Upper
112 100
114 31.2 26.6 40.0



#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

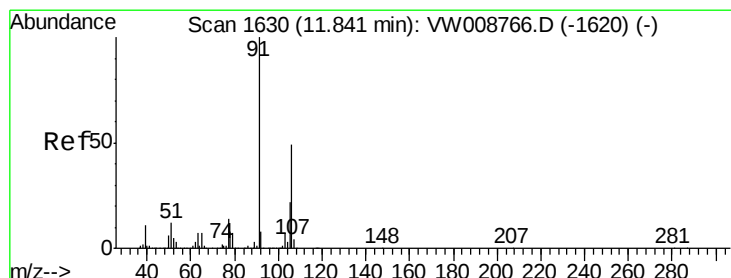
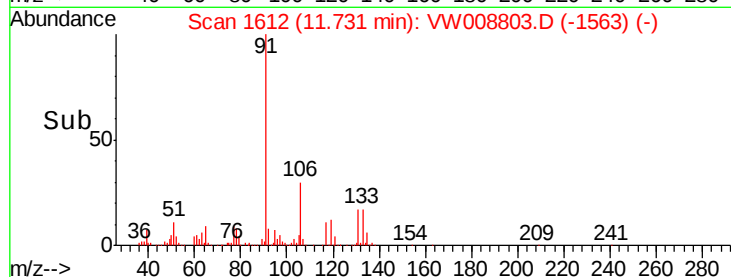
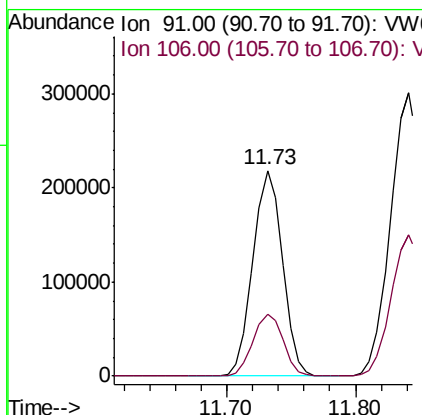
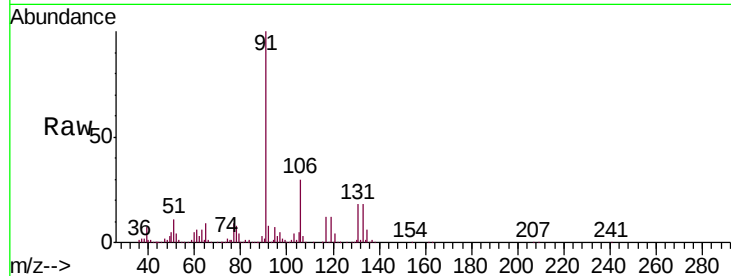




#67
Ethyl Benzene
Concen: 21.318 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

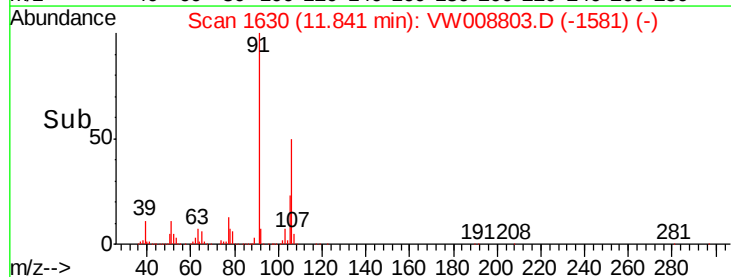
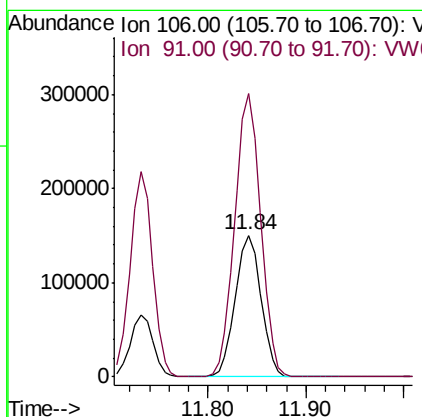
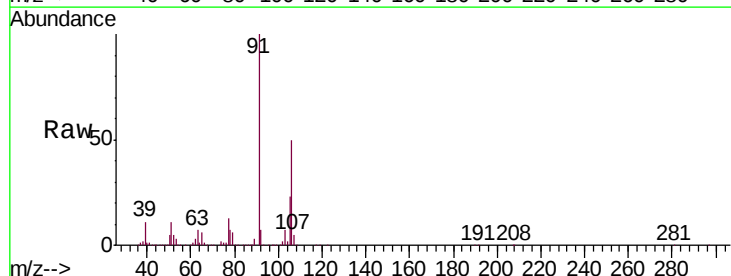
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

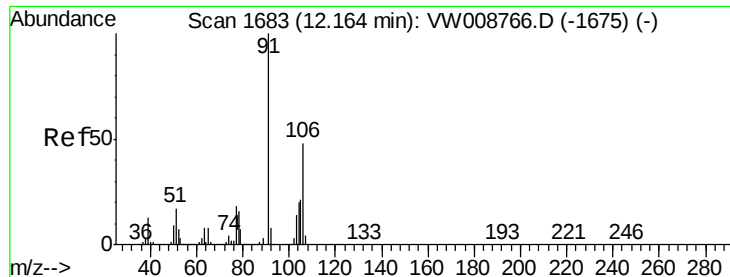
Tgt Ion: 91 Resp: 346709
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6



#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

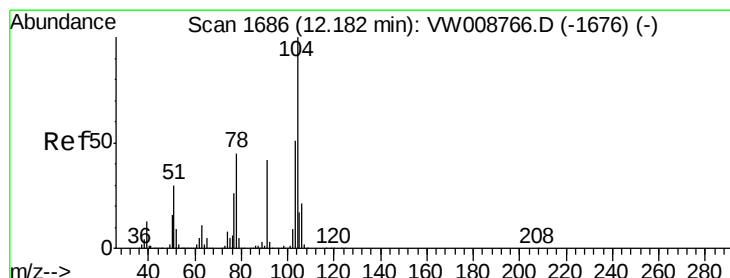
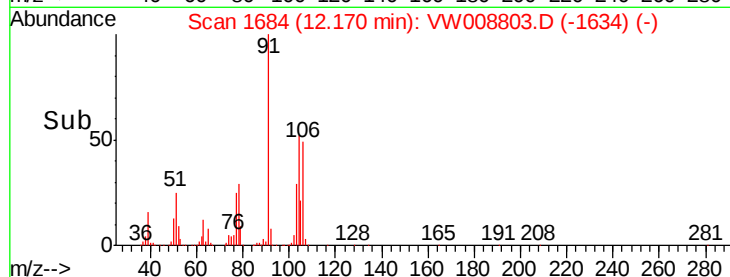
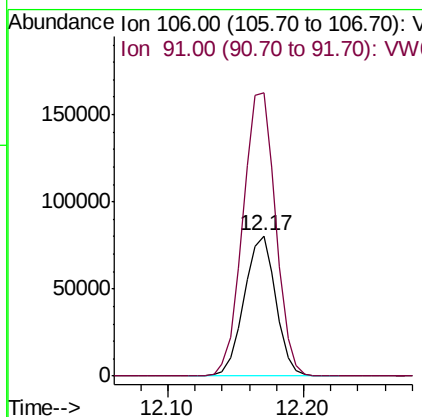
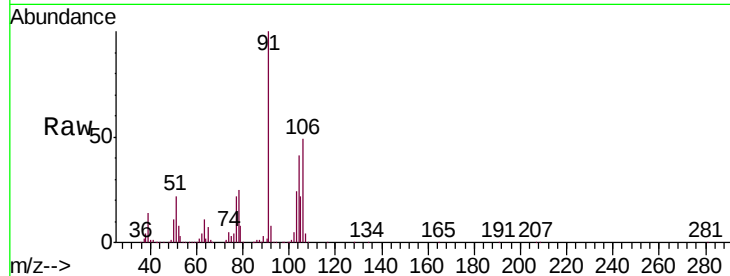




#69
o-Xylene
Concen: 21.406 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

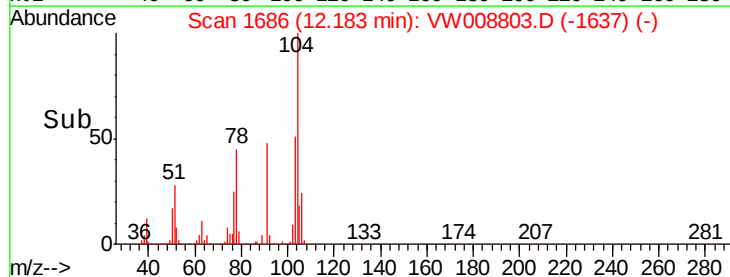
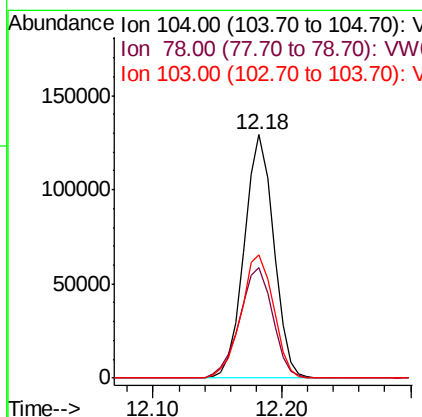
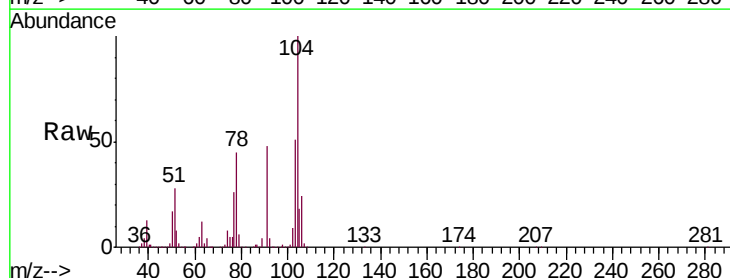
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

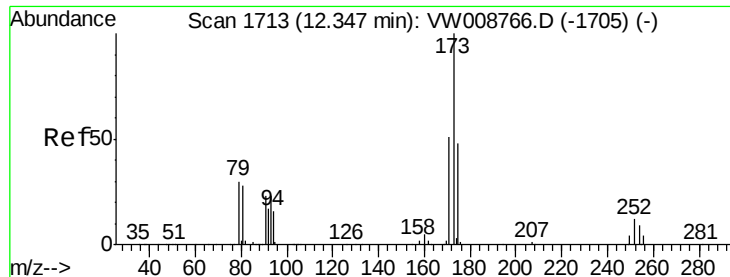
Tgt Ion:106 Resp: 130561
Ion Ratio Lower Upper
106 100
91 210.0 106.2 318.6



#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

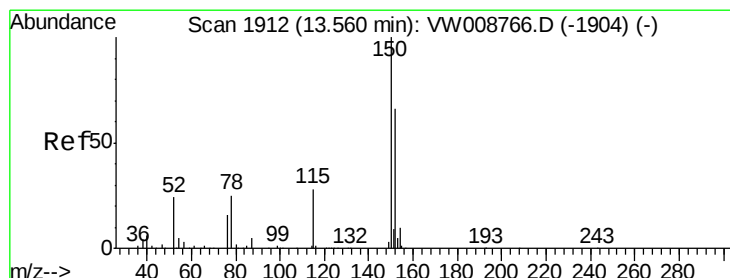
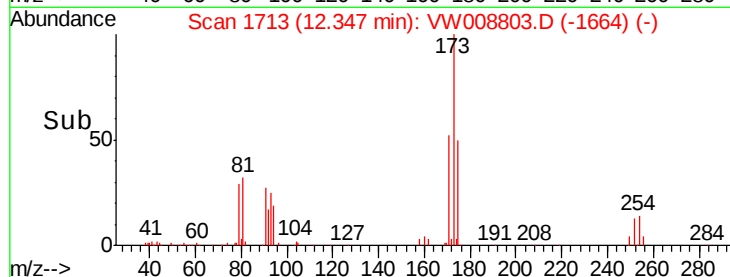
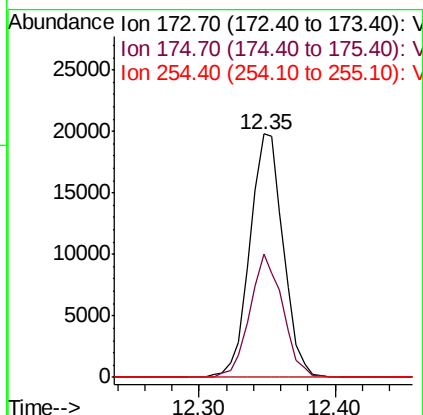
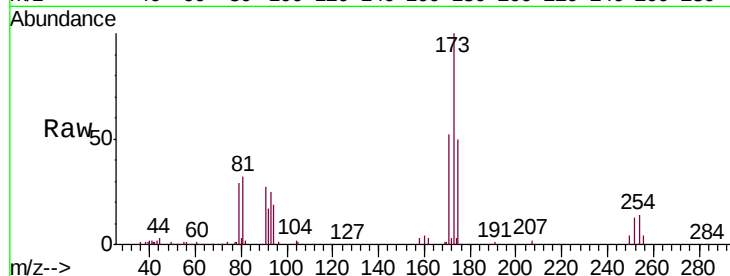




#71
Bromoform
Concen: 20.579 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

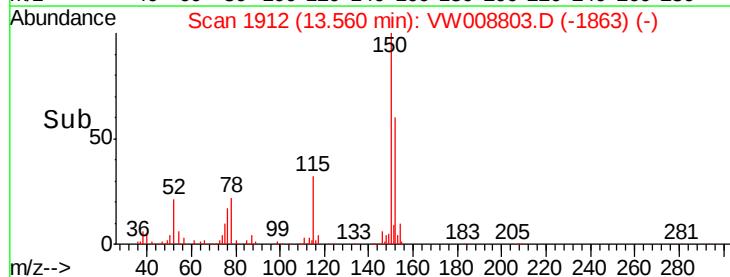
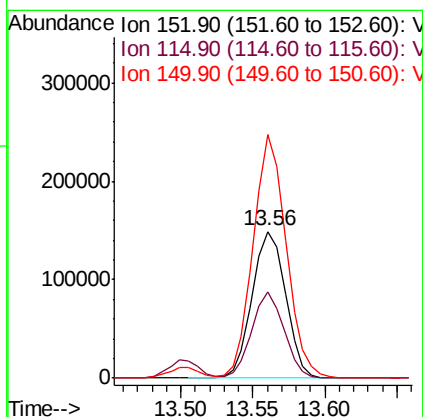
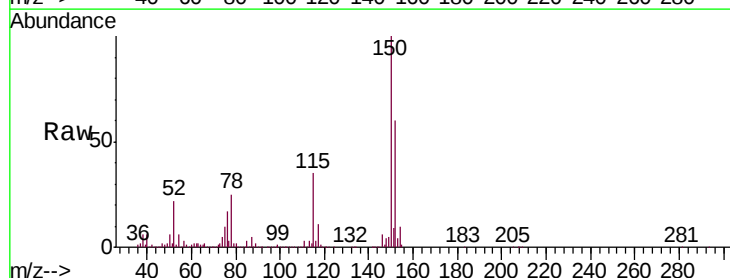
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

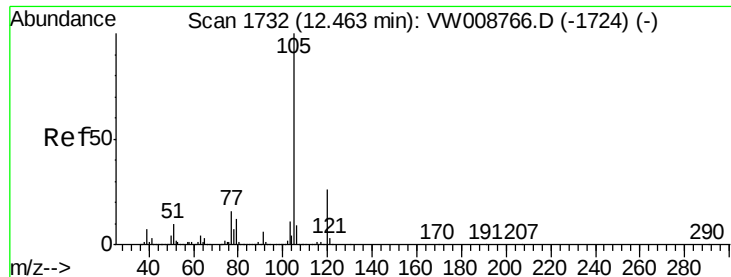
Tgt Ion:173 Resp: 34028
Ion Ratio Lower Upper
173 100
175 49.6 24.2 72.6
254 0.0 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: 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





#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 :

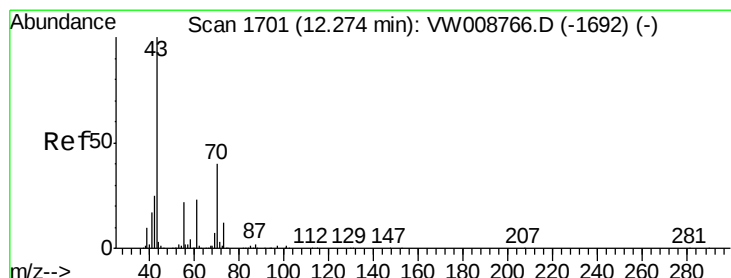
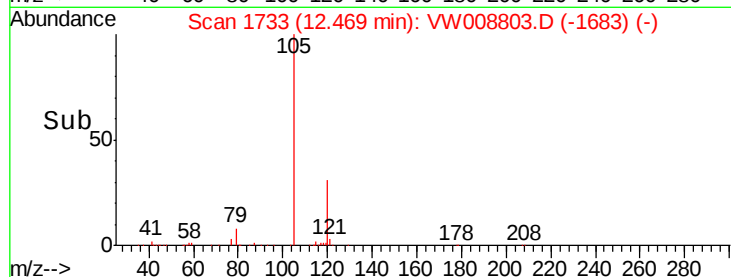
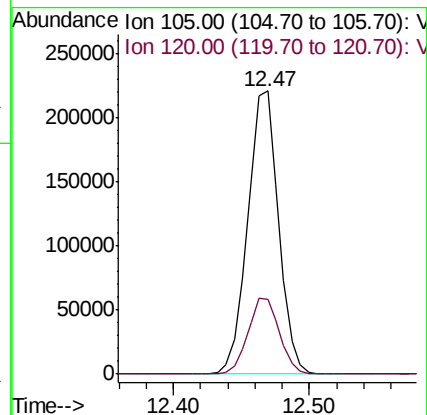
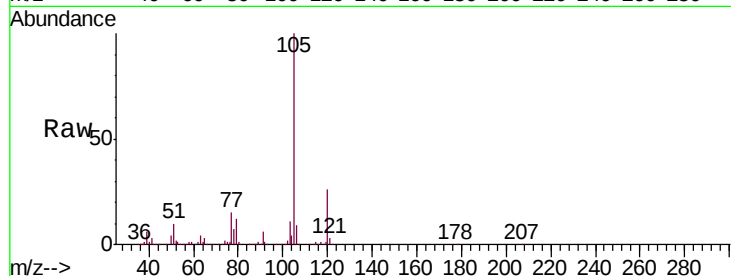
VW0225SBSD01

Tgt Ion:105 Resp: 349163

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



#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

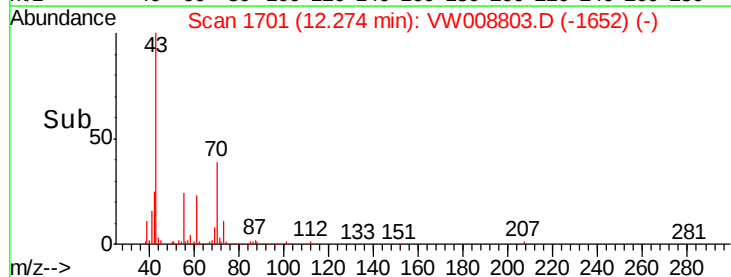
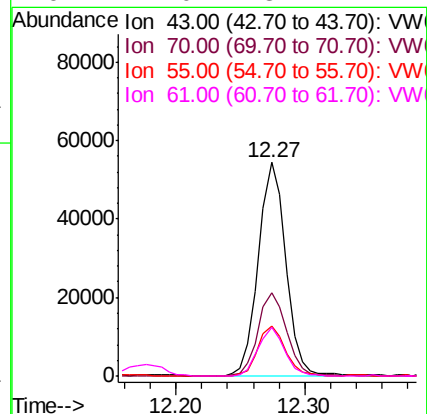
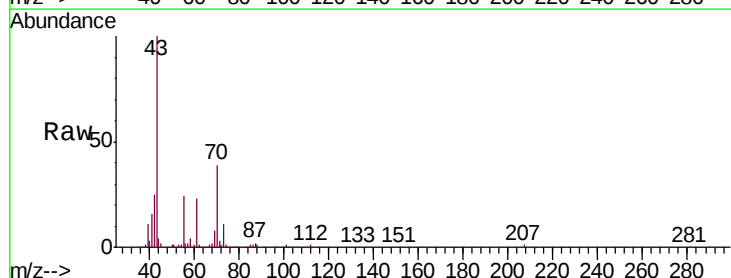
Ion Ratio Lower Upper

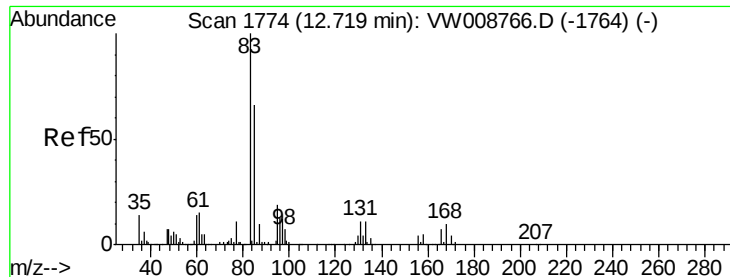
43 100

70 40.6 31.0 46.6

55 23.5 18.7 28.1

61 22.0 18.1 27.1





#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

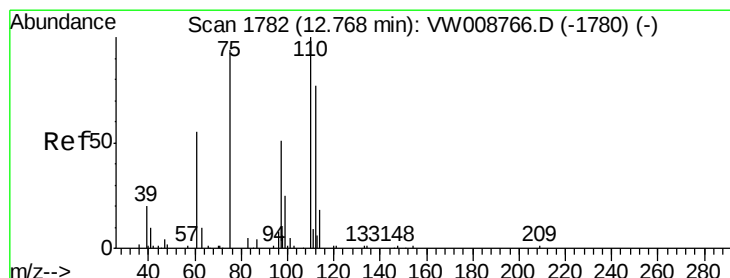
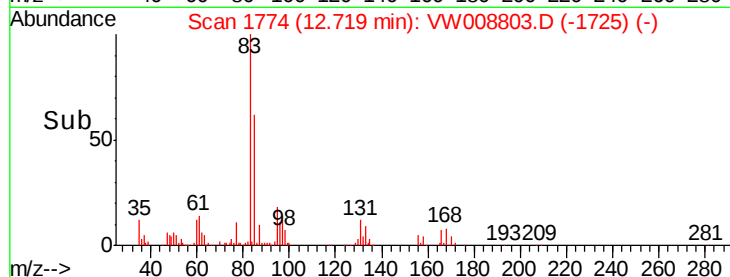
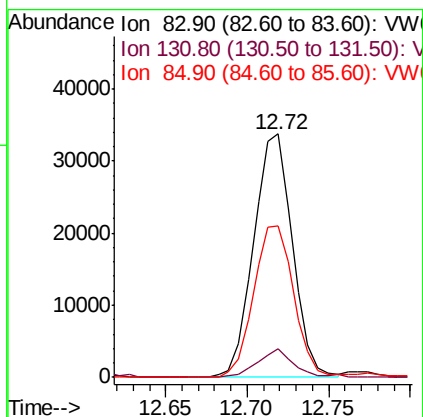
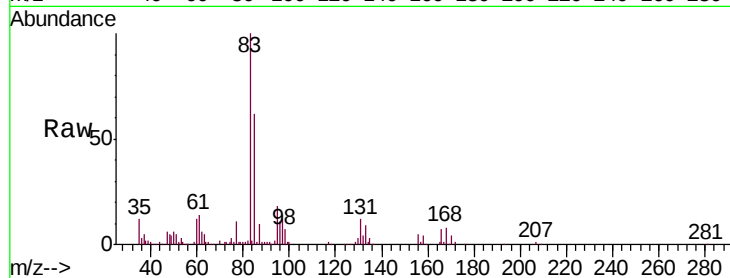
Tgt Ion: 83 Resp: 55919

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

85 64.6 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 38.556 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008803.D

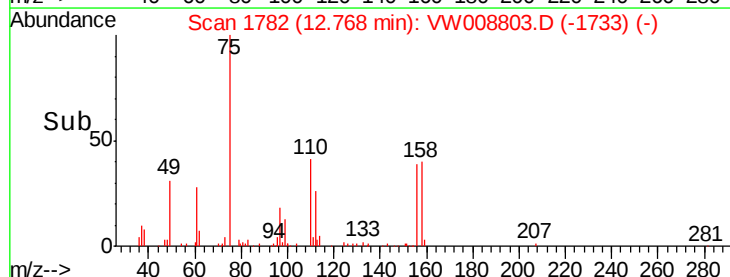
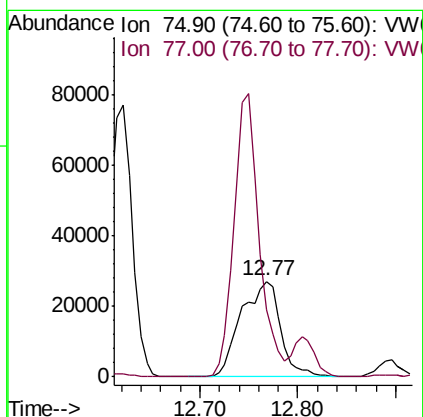
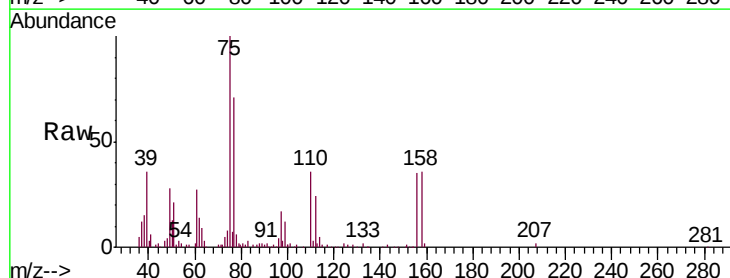
Acq: 25 Feb 2019 13:35

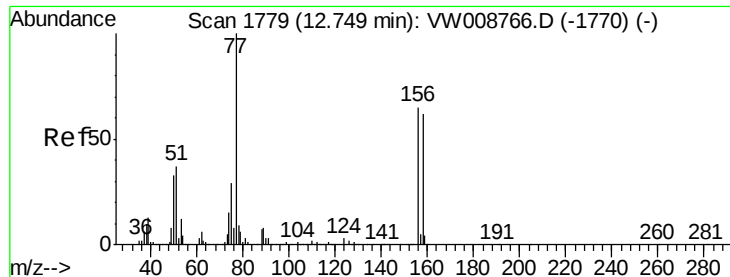
Tgt Ion: 75 Resp: 75949

Ion Ratio Lower Upper

75 100

77 189.9 0.0 0.0#





#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

ClientSampleId :

VW0225SBSD01

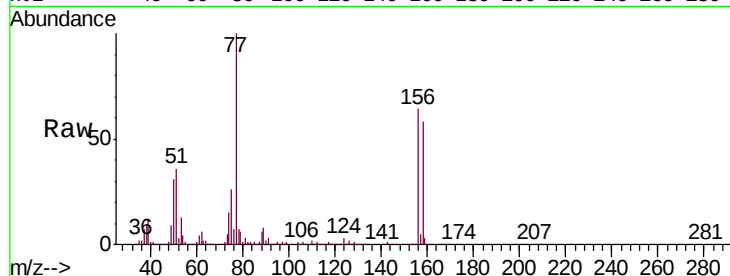
Tgt Ion:156 Resp: 83639

Ion Ratio Lower Upper

156 100

77 172.4 89.1 267.4

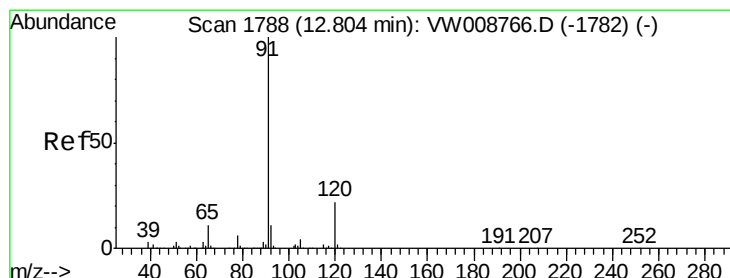
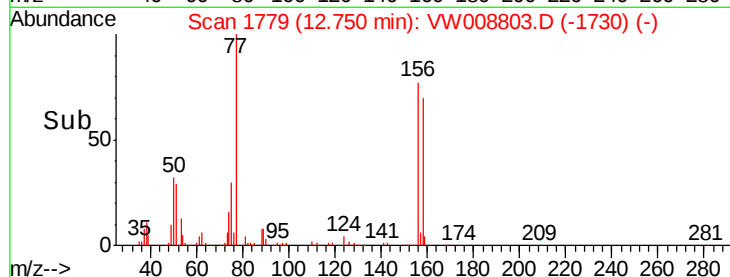
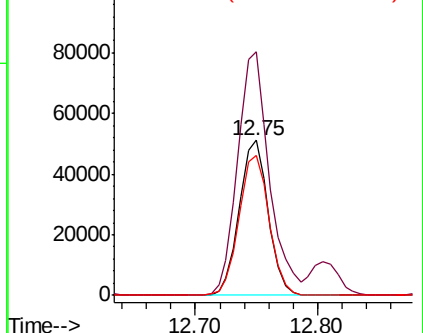
158 94.0 49.2 147.6



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

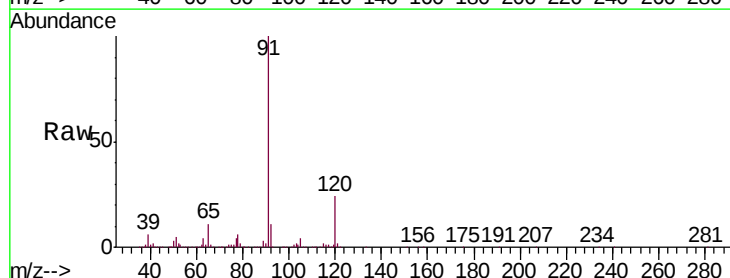
Acq: 25 Feb 2019 13:35

Tgt Ion: 91 Resp: 435285

Ion Ratio Lower Upper

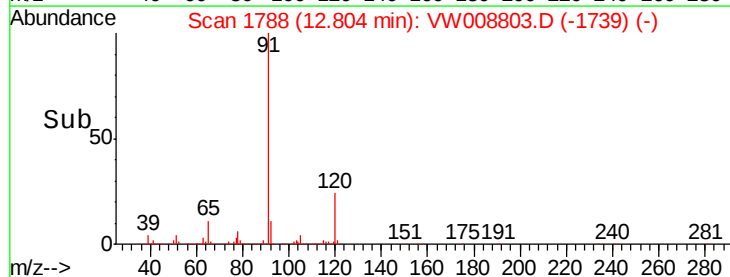
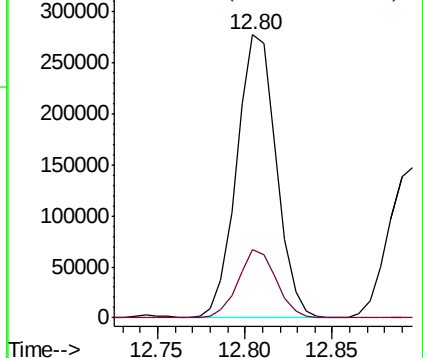
91 100

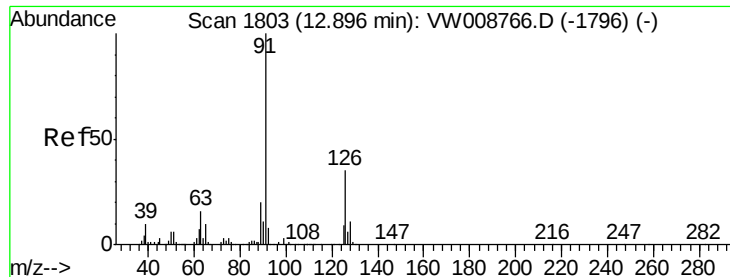
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

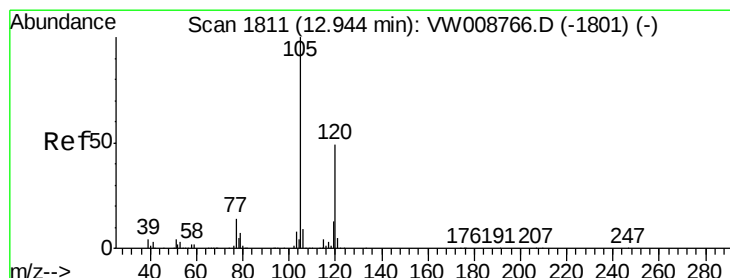
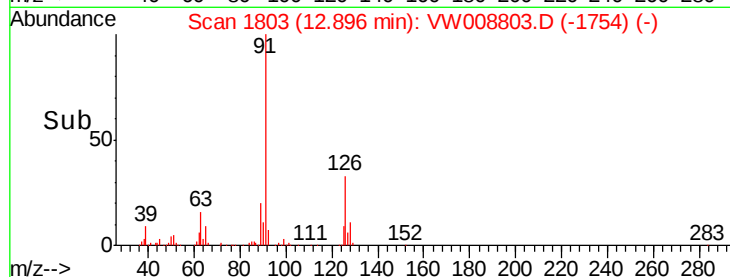
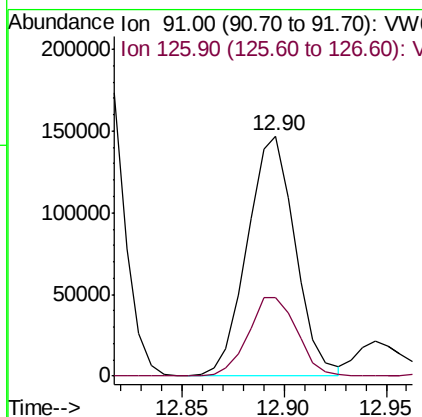
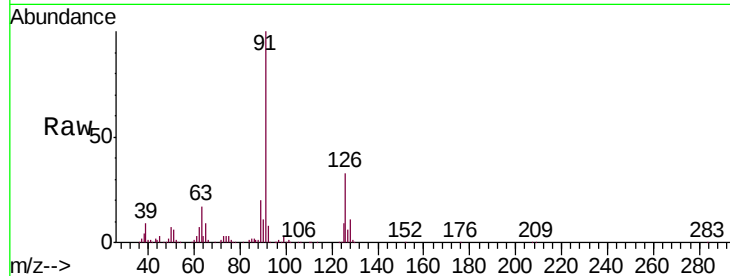




#79
2-Chlorotoluene
Concen: 21.105 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

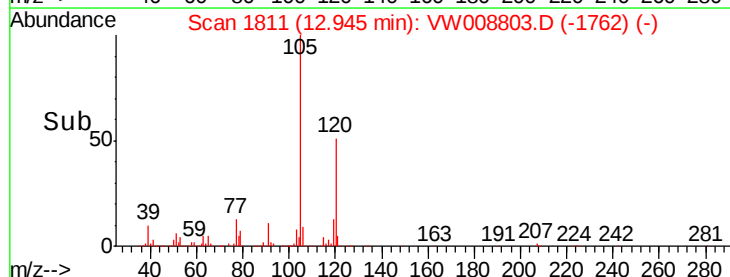
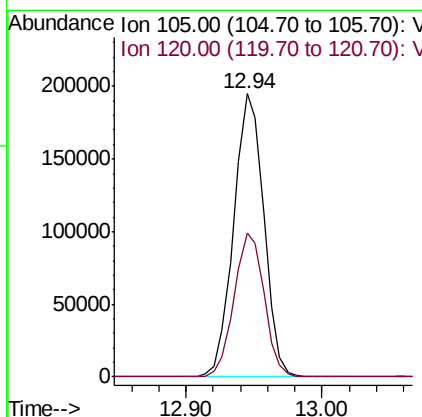
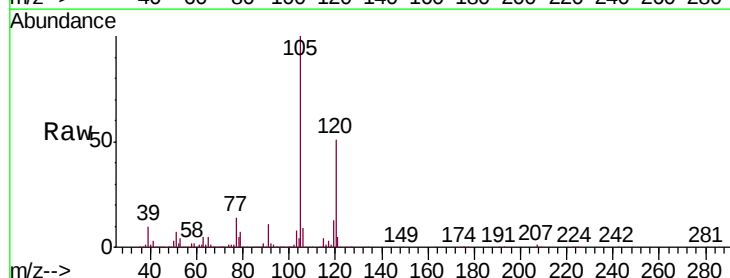
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

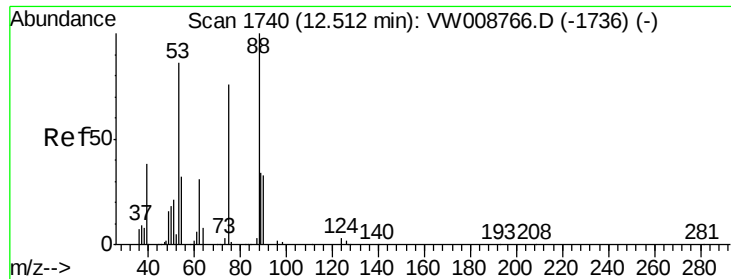
Tgt Ion: 91 Resp: 239732
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#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





#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

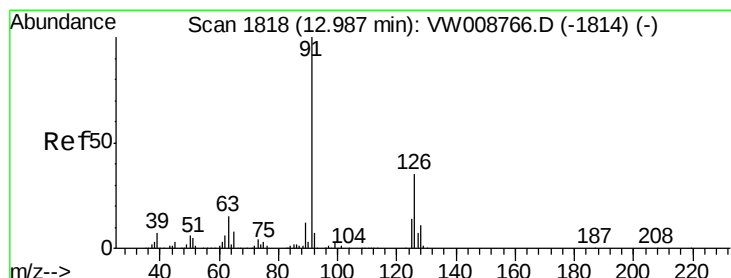
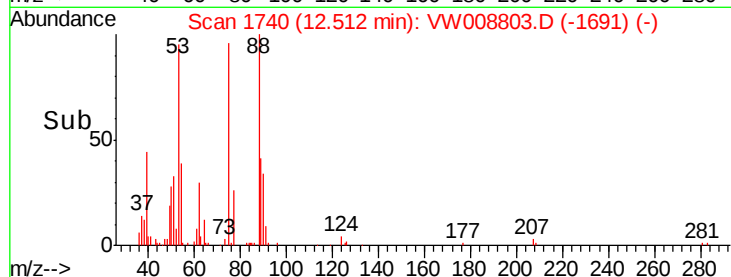
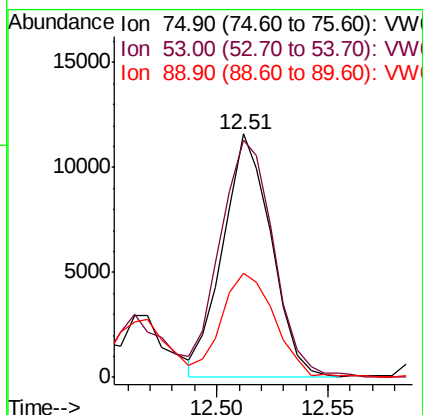
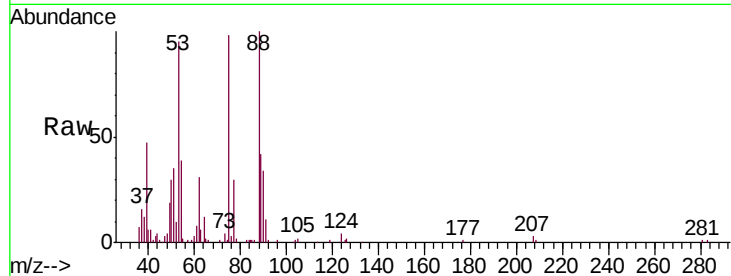
Tgt Ion: 75 Resp: 17481

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

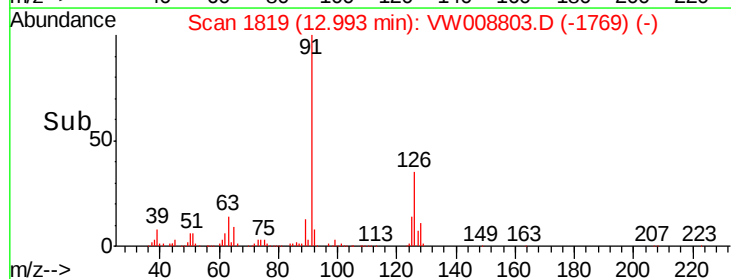
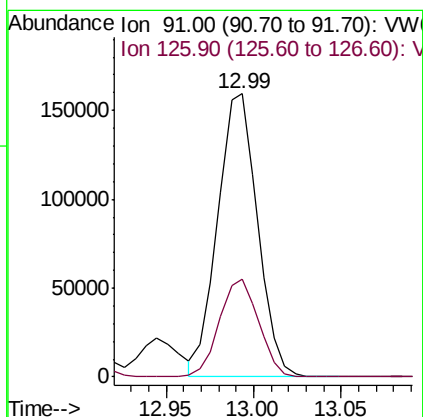
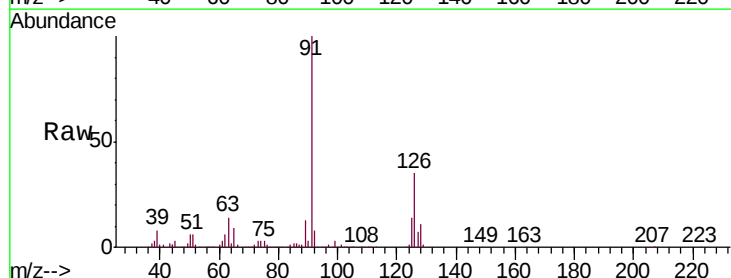
Acq: 25 Feb 2019 13:35

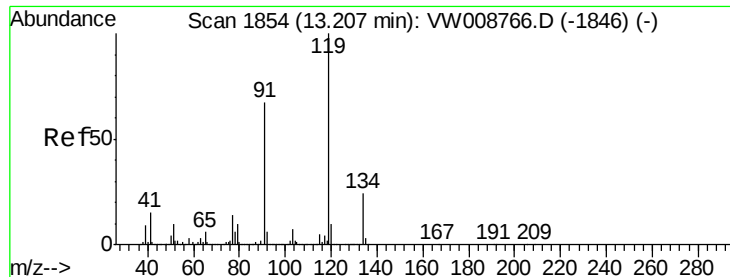
Tgt Ion: 91 Resp: 251724

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

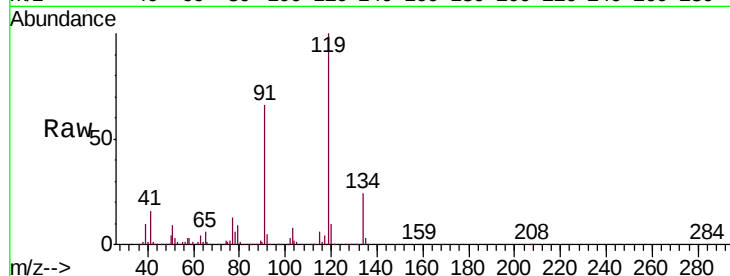
Tgt Ion:119 Resp: 268096

Ion Ratio Lower Upper

119 100

91 64.6 33.6 100.8

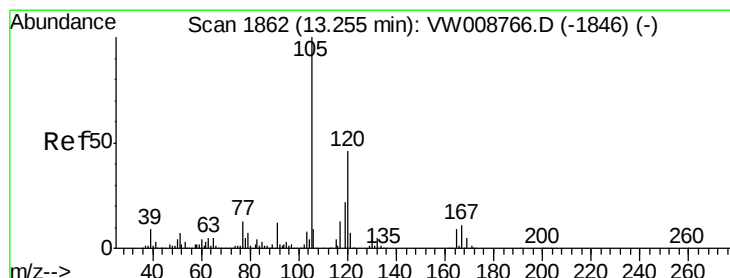
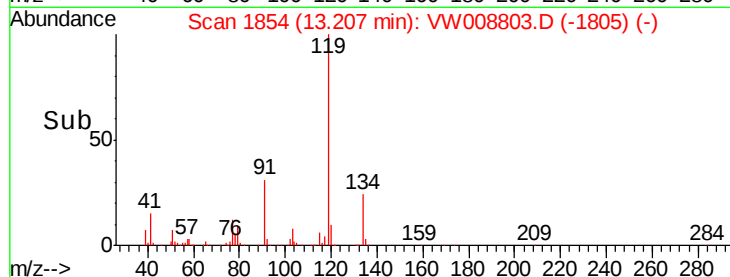
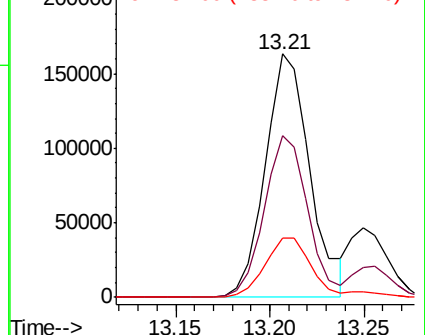
134 26.9 13.7 41.1



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

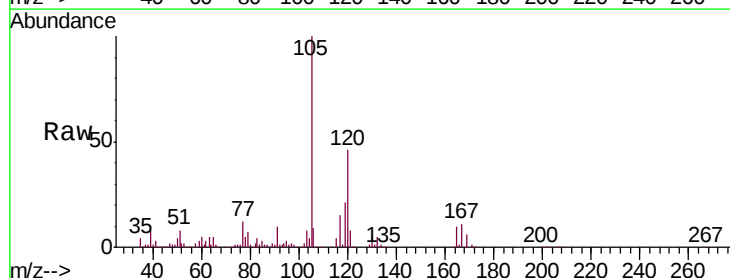
Acq: 25 Feb 2019 13:35

Tgt Ion:105 Resp: 303897

Ion Ratio Lower Upper

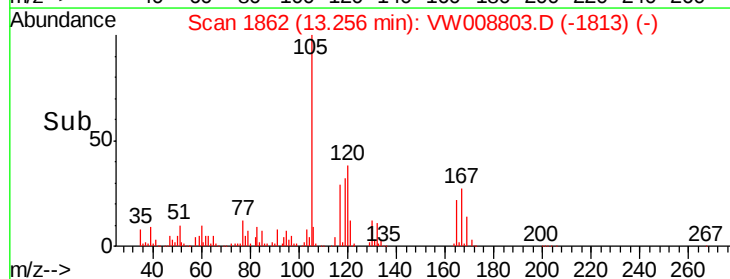
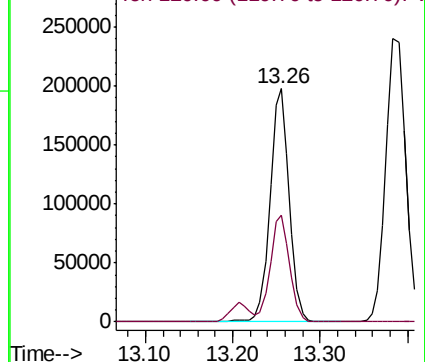
105 100

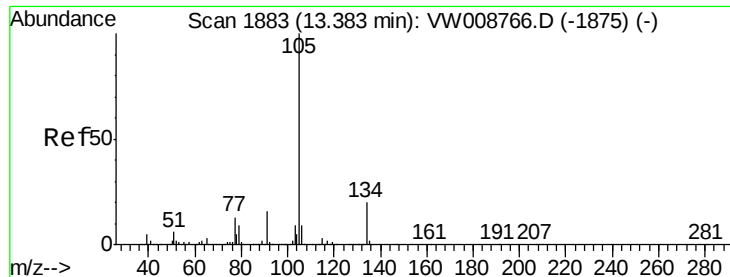
120 45.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

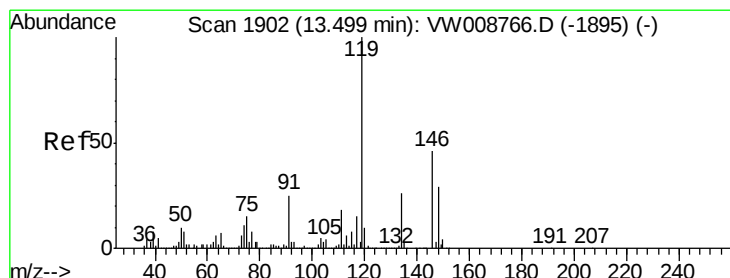
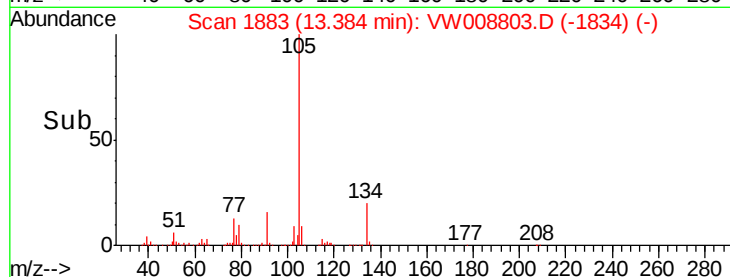
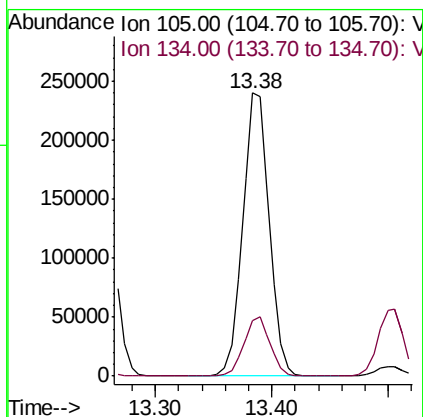
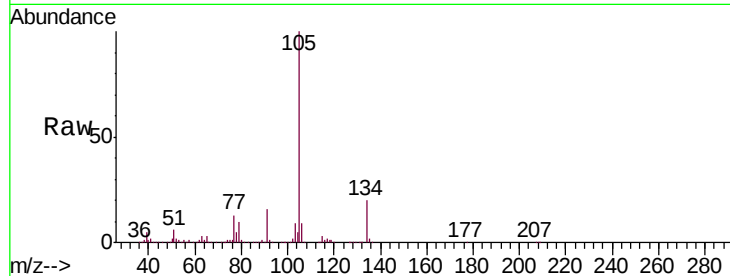




#85
 sec-Butylbenzene
 Concen: 21.459 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

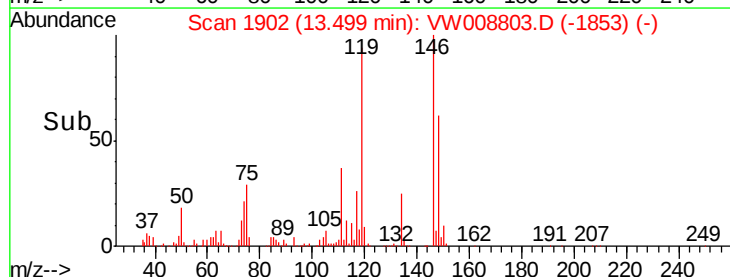
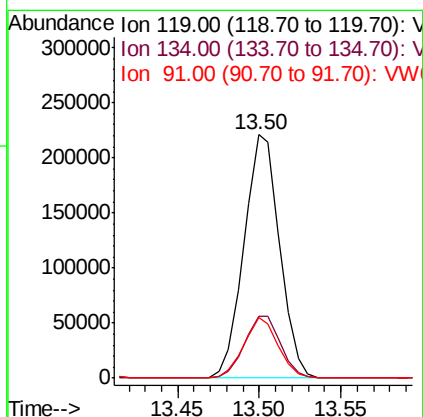
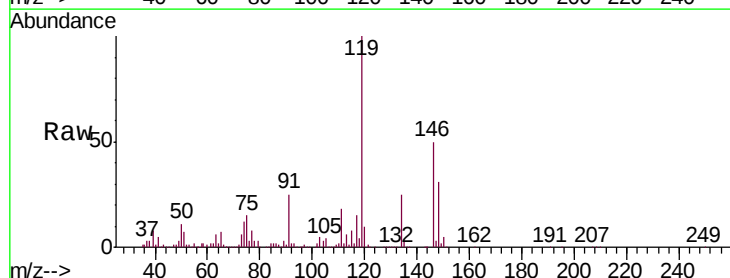
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

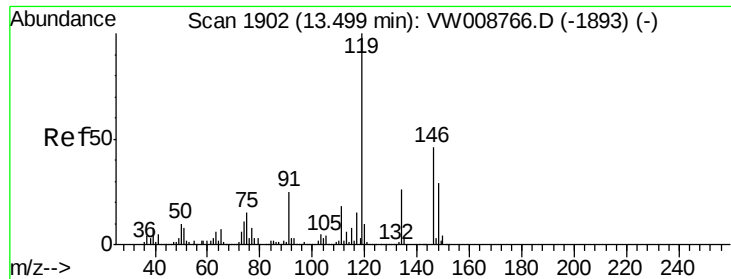
Tgt Ion:105 Resp: 379225
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#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

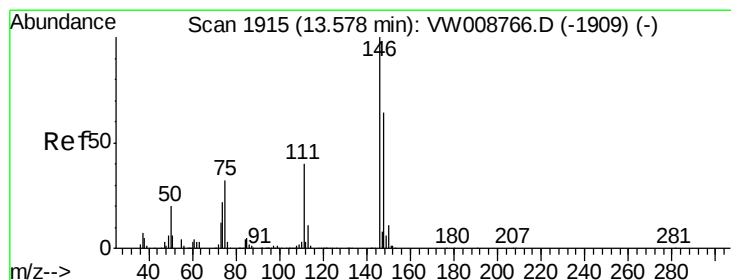
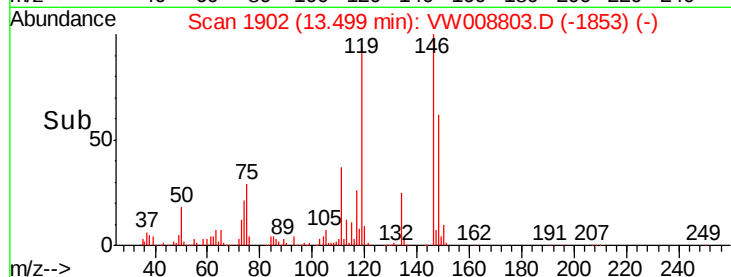
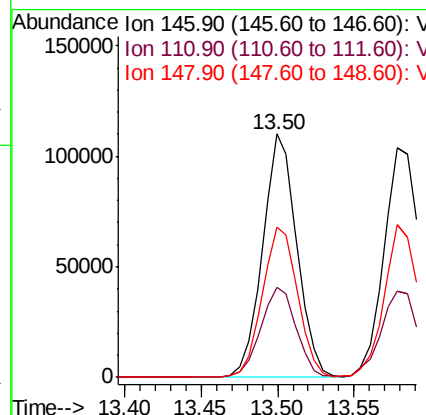
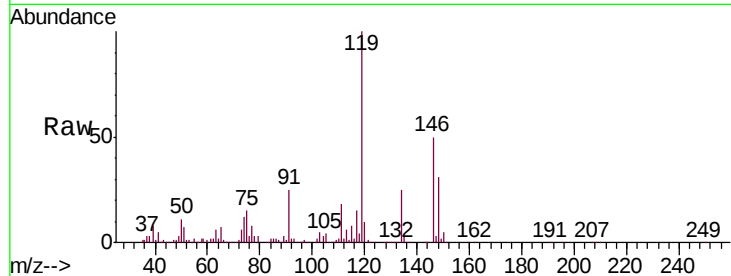




#87
 1,3-Dichlorobenzene
 Concen: 21.352 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

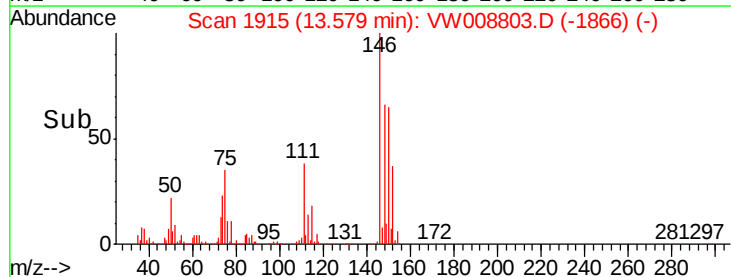
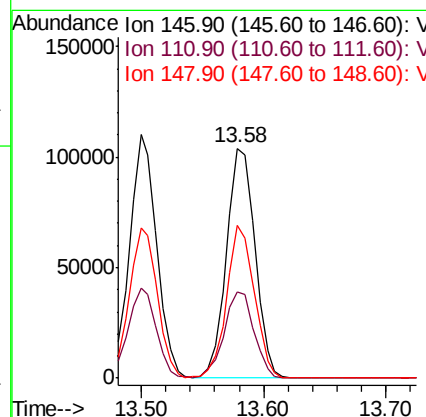
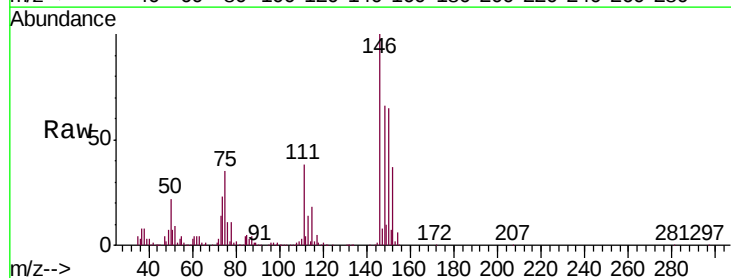
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

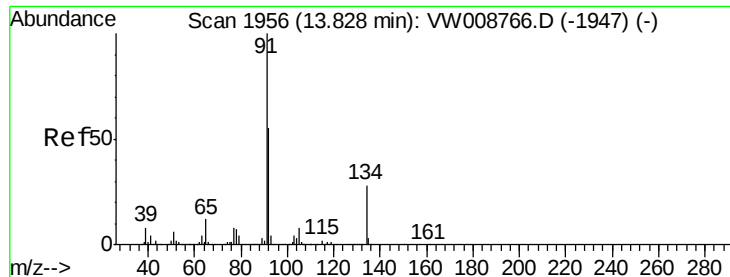
Tgt Ion:146 Resp: 171228
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.7
 148 63.9 31.6 94.8



#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





#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

ClientSampleID :

VW0225SBSD01

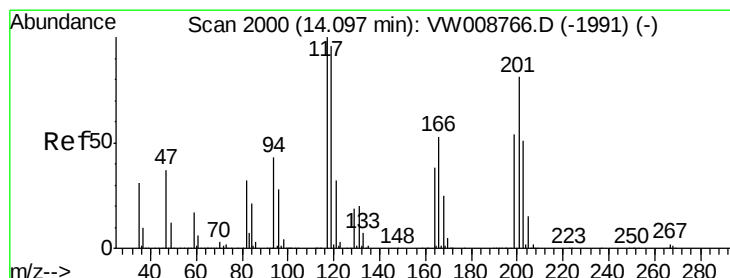
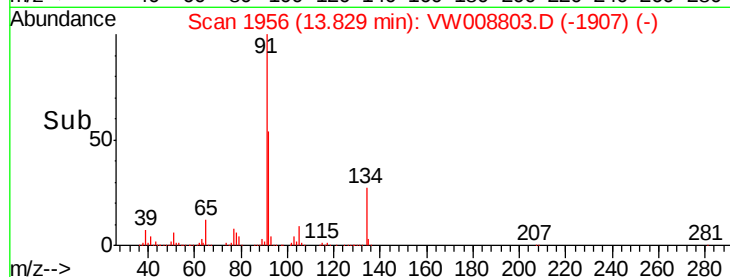
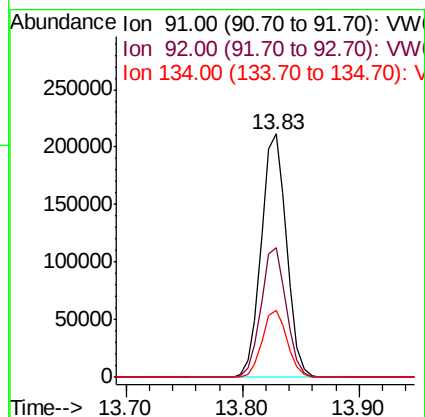
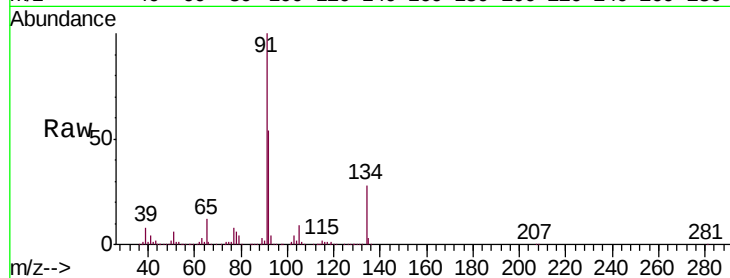
Tgt Ion: 91 Resp: 321043

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

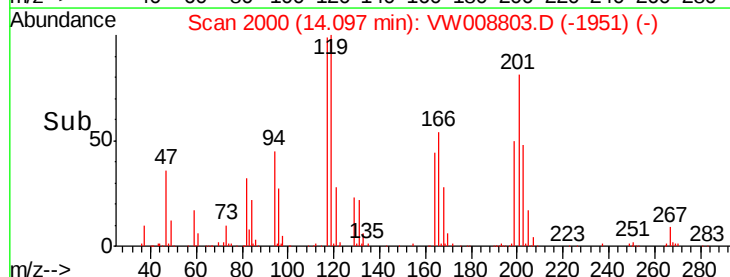
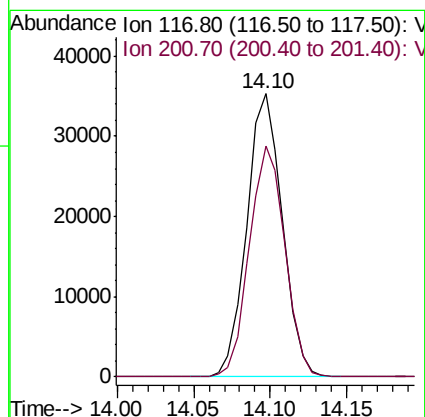
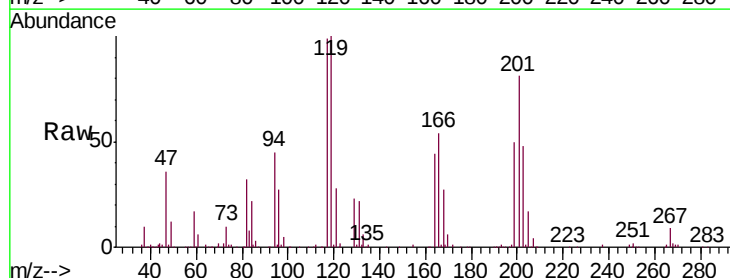
Acq: 25 Feb 2019 13:35

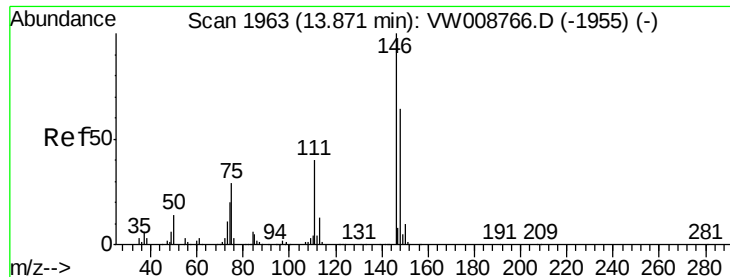
Tgt Ion: 117 Resp: 56934

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

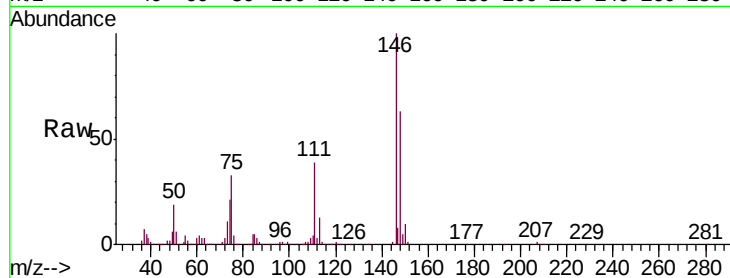
Instrument :

MSVOA_W

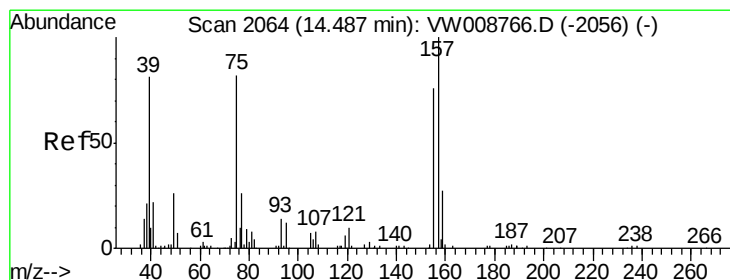
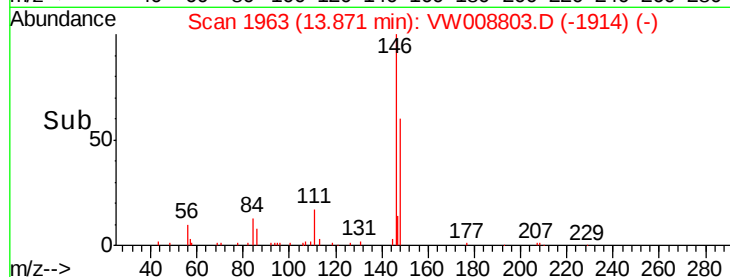
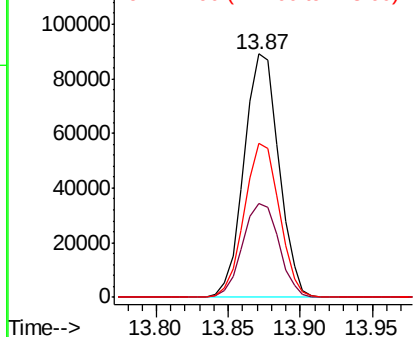
ClientSampleId :

VW0225SBSD01

Tgt Ion:	146	Resp:	149287
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	63.3	32.5	97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.280 ug/l

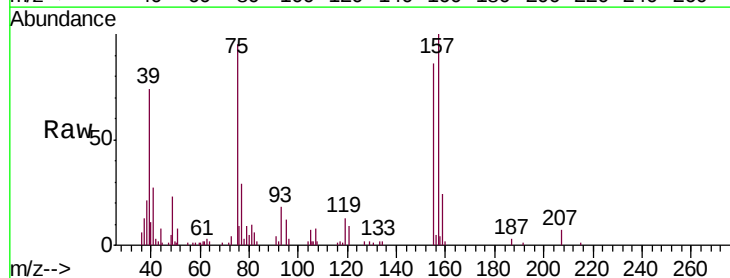
RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

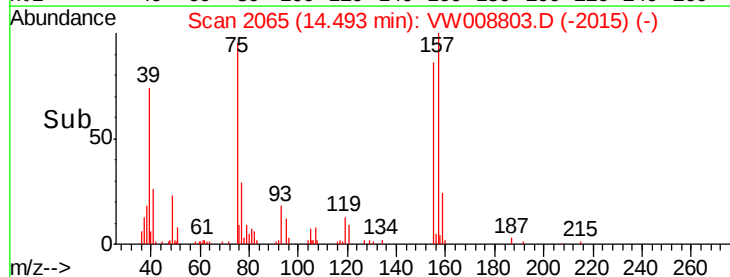
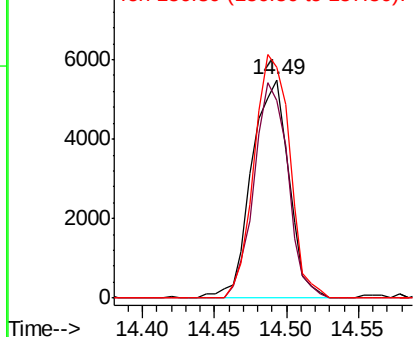
Lab File: VW008803.D

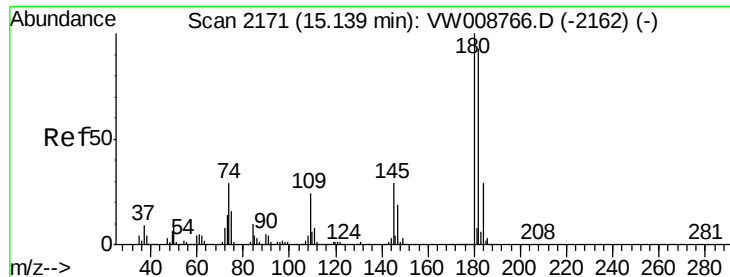
Acq: 25 Feb 2019 13:35

Tgt Ion:	75	Resp:	9804
Ion	Ratio	Lower	Upper
75	100		
155	89.6	41.8	125.4
157	106.5	56.6	169.9



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

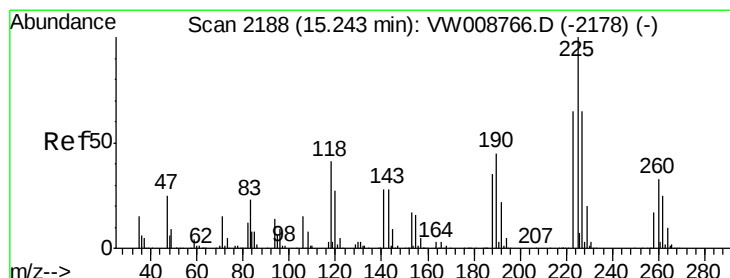
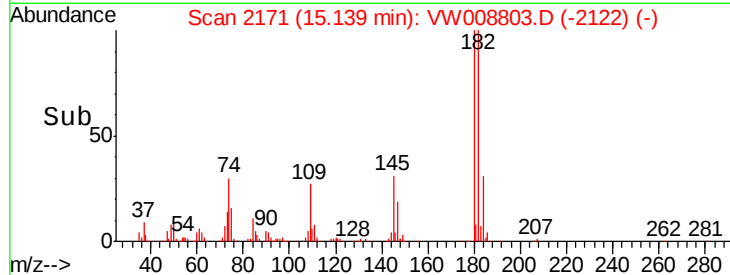
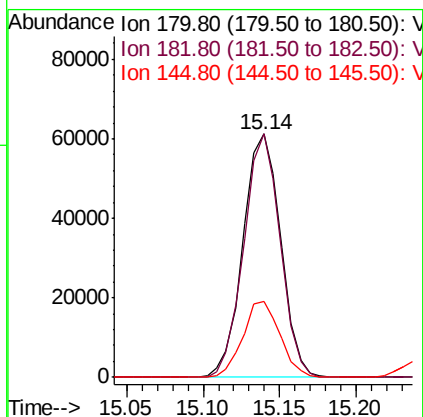
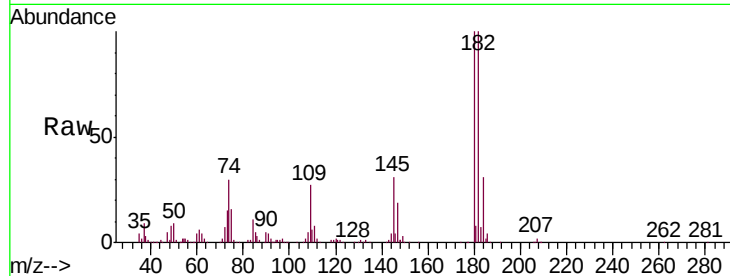




#93
 1,2,4-Trichlorobenzene
 Concen: 20.399 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008803.D
 Acq: 25 Feb 2019 13:35

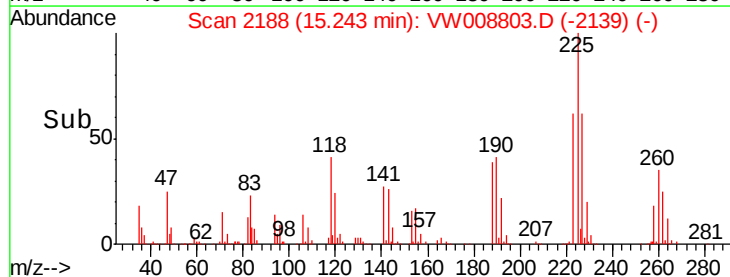
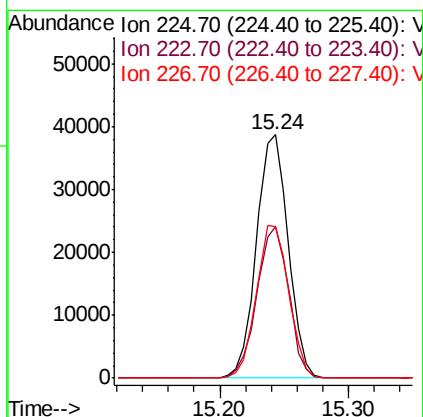
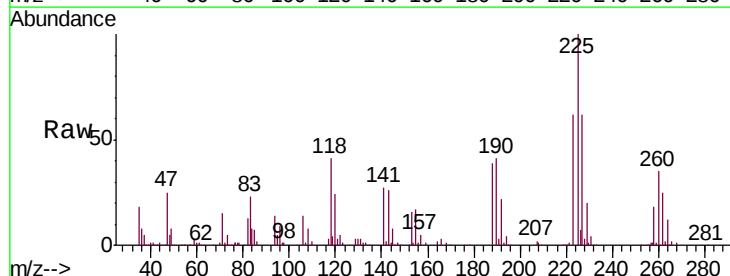
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBSD01

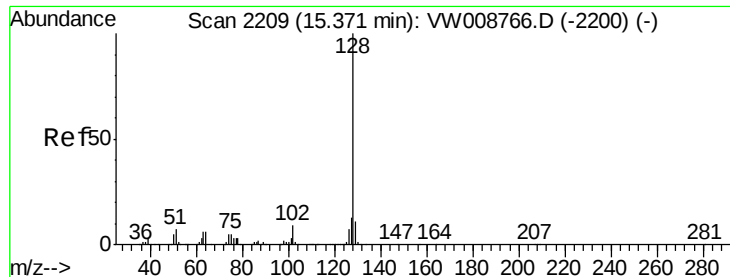
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.2	141.6
145	30.8	14.4	43.0



#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

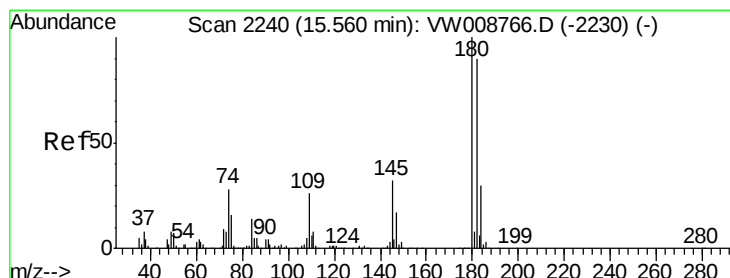
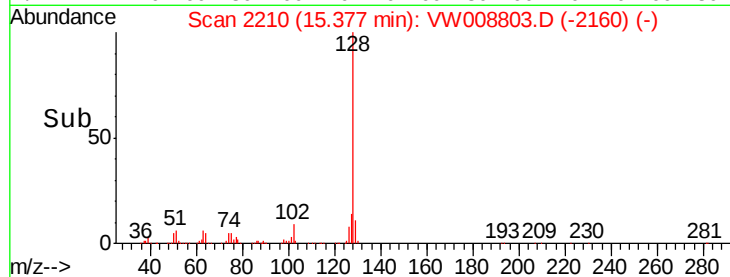
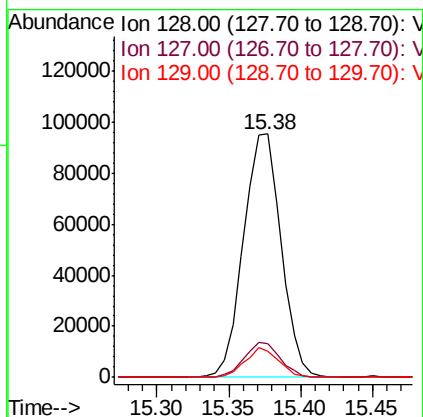
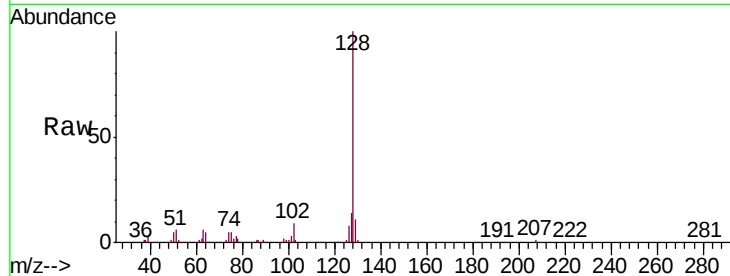




#95
Naphthalene
Concen: 19.708 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008803.D
Acq: 25 Feb 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW0225SBSD01

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



#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

