

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008014.D
 Acq On : 03 Jan 2019 12:17
 Operator : SY/AP
 Sample : VW0103SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Quant Time: Jan 04 00:29:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	115594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51761	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42662	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.88	113	38301	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.32	98	145063	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	54940	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	12091	17.931	ug/l	96
3) Chloromethane	2.21	50	9562	19.114	ug/l	96
4) Vinyl Chloride	2.36	62	13015	20.144	ug/l	94
5) Bromomethane	2.78	94	7658	18.656	ug/l	95
6) Chloroethane	2.92	64	6517	19.735	ug/l	96
7) Trichlorofluoromethane	3.26	101	11813	18.214	ug/l	94
8) Diethyl Ether	3.67	74	6687	20.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14953	19.401	ug/l	100
10) Methyl Iodide	4.26	142	23911	19.284	ug/l	98
11) Tert butyl alcohol	5.17	59	5520	104.541	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	14156	19.188	ug/l	91
13) Acrolein	3.88	56	3229	90.256	ug/l	100
14) Allyl chloride	4.66	41	20170	20.181	ug/l	96
15) Acrylonitrile	5.37	53	12859	104.955	ug/l	98
16) Acetone	4.12	43	13965	111.001	ug/l	95
17) Carbon Disulfide	4.37	76	42534	18.874	ug/l	96
18) Methyl Acetate	4.67	43	6711	20.569	ug/l #	75
19) Methyl tert-butyl Ether	5.42	73	22505	19.384	ug/l	97
20) Methylene Chloride	4.90	84	18914	23.099	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	15417	19.207	ug/l	99
22) Diisopropyl ether	6.31	45	35569	19.827	ug/l	94
23) Vinyl Acetate	6.25	43	100918	100.545	ug/l	99
24) 1,1-Dichloroethane	6.21	63	25720	19.296	ug/l	100
25) 2-Butanone	7.17	43	15584	105.134	ug/l	99
26) 2,2-Dichloropropane	7.17	77	20825	18.964	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	16584	19.396	ug/l	99
28) Bromochloromethane	7.51	49	8277	19.320	ug/l #	100
29) Tetrahydrofuran	7.52	42	9430	102.418	ug/l	98
30) Chloroform	7.67	83	29291	19.608	ug/l	99
31) Cyclohexane	7.95	56	23761	19.126	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	28407	19.873	ug/l	98
36) 1,1-Dichloropropene	8.08	75	22388	19.634	ug/l	97
37) Ethyl Acetate	7.25	43	7189	20.989	ug/l	99
38) Carbon Tetrachloride	8.07	117	26595	19.461	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27736	19.514	ug/l	97
40) Benzene	8.32	78	59357	19.732	ug/l	100
41) Methacrylonitrile	7.49	41	4225	20.980	ug/l	93
42) 1,2-Dichloroethane	8.40	62	19712	19.667	ug/l	97
43) Isopropyl Acetate	8.43	43	14001	20.458	ug/l	98
44) Trichloroethene	9.09	130	16962	19.108	ug/l	94
45) 1,2-Dichloropropane	9.37	63	13088	20.101	ug/l	95
46) Dibromomethane	9.45	93	7594	19.948	ug/l	98
47) Bromodichloromethane	9.65	83	20378	19.112	ug/l	100
48) Methyl methacrylate	9.43	41	7054	20.442	ug/l	95
49) 1,4-Dioxane	9.45	88	2256	400.451	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	32233	101.749	ug/l	100
52) Toluene	10.39	92	39048	19.662	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	20278	19.778	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	22510	19.675	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	10347	20.074	ug/l	96
56) Ethyl methacrylate	10.65	69	11697	20.074	ug/l	97
57) 1,3-Dichloropropane	10.93	76	17715	20.227	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	28852	104.404	ug/l	99
59) 2-Hexanone	10.97	43	23771	108.693	ug/l	96
60) Dibromochloromethane	11.13	129	13633	19.323	ug/l	99
61) 1,2-Dibromoethane	11.24	107	10075	19.532	ug/l	99
64) Tetrachloroethene	10.86	164	14302	19.931	ug/l	91
65) Chlorobenzene	11.66	112	44110	19.867	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15799	19.650	ug/l	98
67) Ethyl Benzene	11.73	91	78884	20.017	ug/l	98
68) m/p-Xylenes	11.84	106	61055	40.074	ug/l	100
69) o-Xylene	12.17	106	27945	19.712	ug/l	99
70) Styrene	12.18	104	46579	20.158	ug/l	99
71) Bromoform	12.35	173	7624	20.467	ug/l #	94
73) Isopropylbenzene	12.47	105	81683	19.846	ug/l	97
74) N-amyl acetate	12.27	43	13520	21.102	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	11068	21.134	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	16131	39.173	ug/l #	1
77) Bromobenzene	12.75	156	17413	19.683	ug/l	98
78) n-propylbenzene	12.80	91	95303	19.971	ug/l	99
79) 2-Chlorotoluene	12.90	91	54910	19.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	71075	20.061	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	3638	20.893	ug/l	97
82) 4-Chlorotoluene	12.99	91	58809	20.053	ug/l	99
83) tert-Butylbenzene	13.21	119	61075	19.704	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	71344	19.881	ug/l	100
85) sec-Butylbenzene	13.39	105	85549	20.063	ug/l	98
86) p-Isopropyltoluene	13.51	119	77692	20.200	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	36541	20.471	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	35420	20.043	ug/l	98
89) n-Butylbenzene	13.83	91	72358	20.568	ug/l	99
90) Hexachloroethane	14.10	117	13467	20.179	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	31140	19.852	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2256	21.225	ug/l	89

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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
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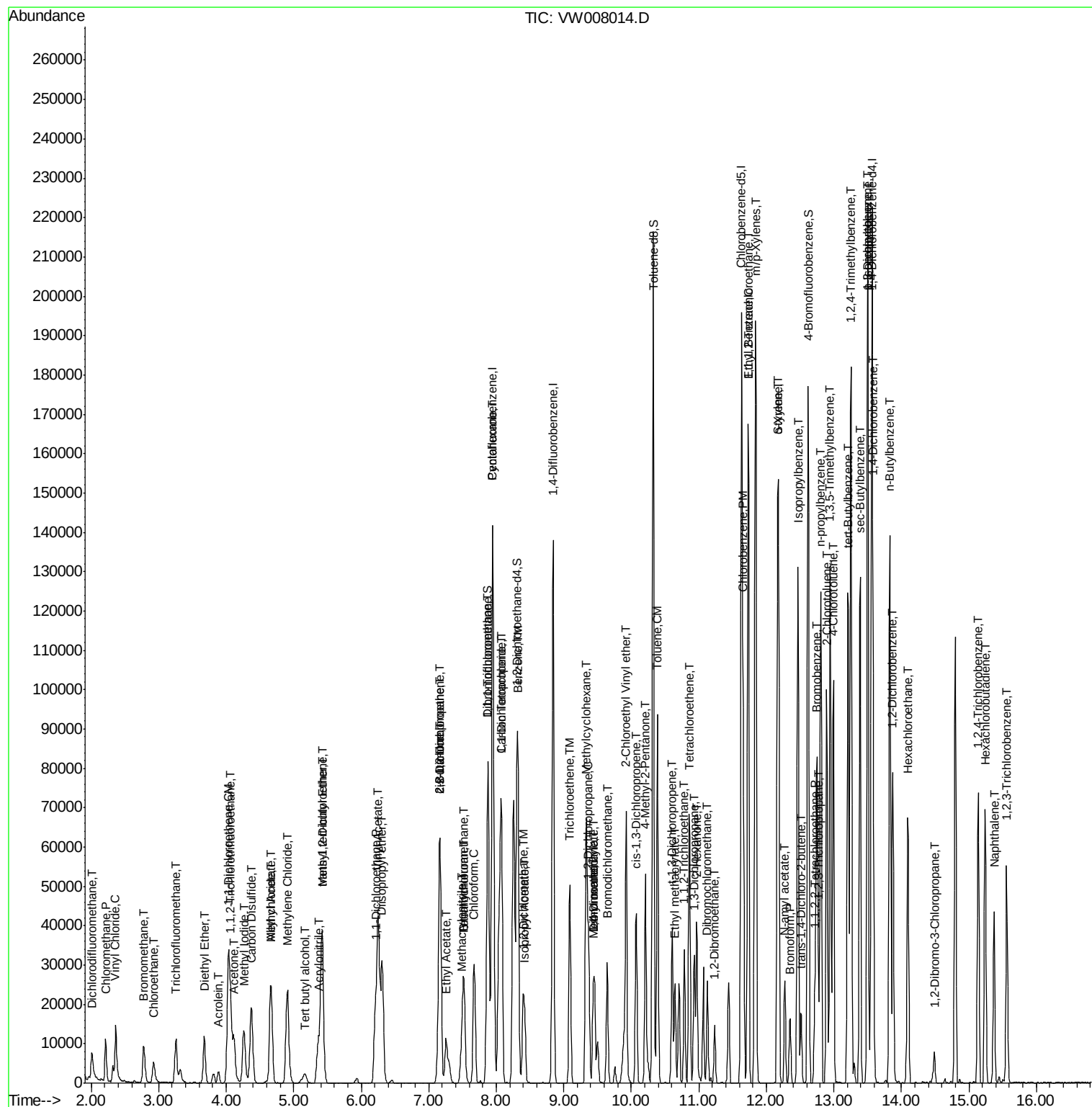
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22295	20.237	ug/l	99
94) Hexachlorobutadiene	15.24	225	12500	19.651	ug/l	99
95) Naphthalene	15.38	128	37818	20.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	18328	20.219	ug/l	98

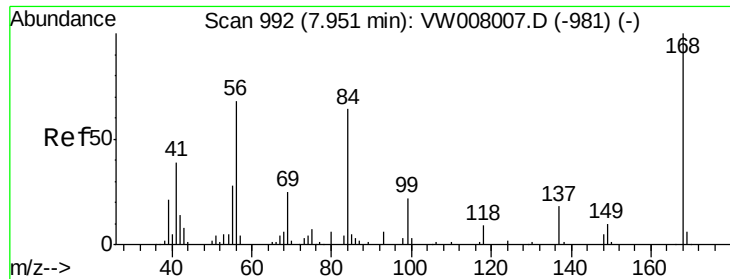
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

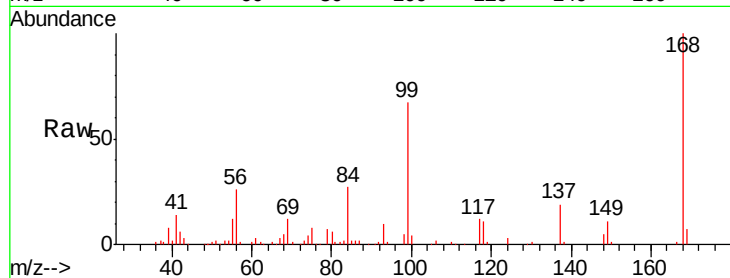
VW0103SBS01

Tgt Ion:168 Resp: 73481

Ion Ratio Lower Upper

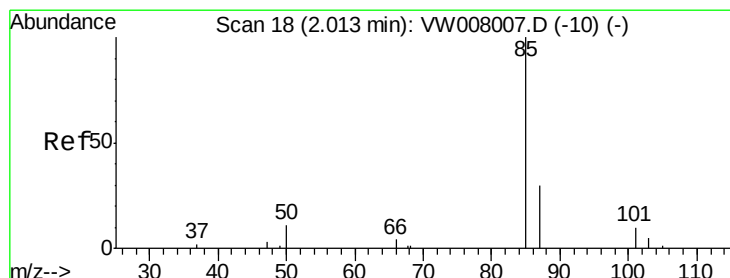
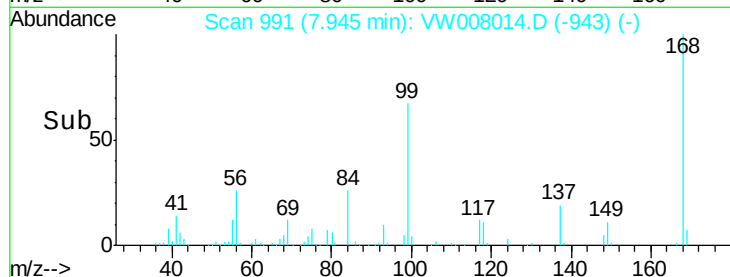
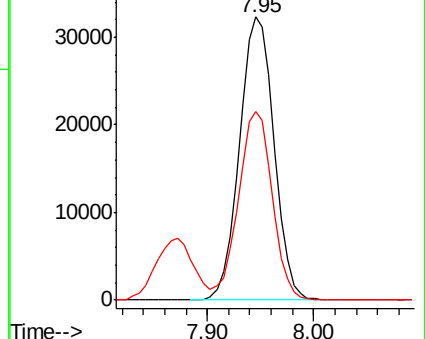
168 100

99 66.9 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.931 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008014.D

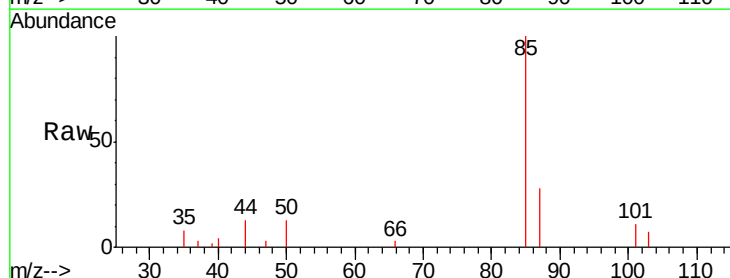
Acq: 03 Jan 2019 12:17

Tgt Ion: 85 Resp: 12091

Ion Ratio Lower Upper

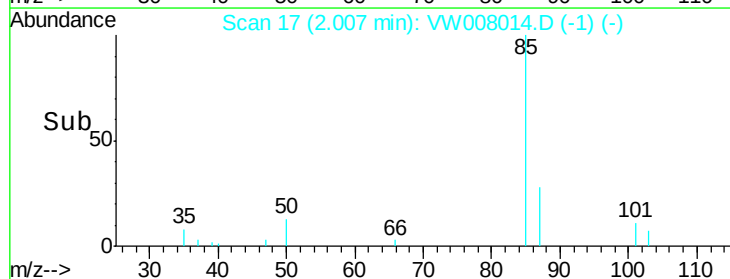
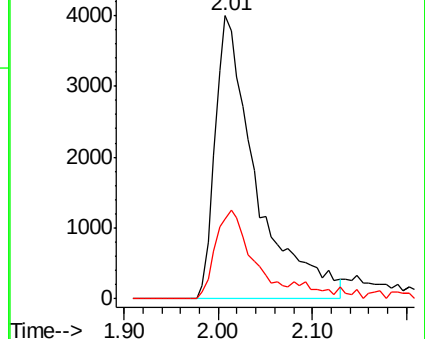
85 100

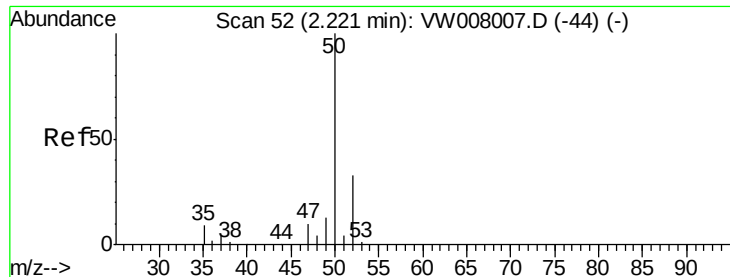
87 28.0 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.114 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

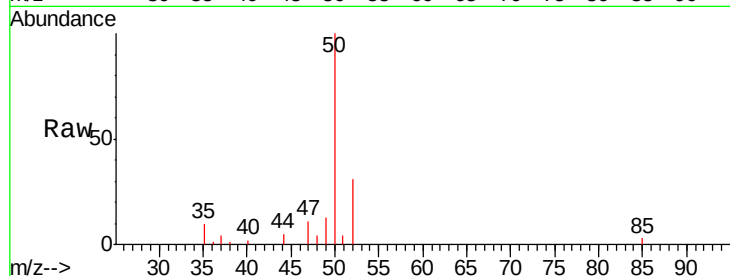
VW0103SBS01

Tgt Ion: 50 Resp: 9562

Ion Ratio Lower Upper

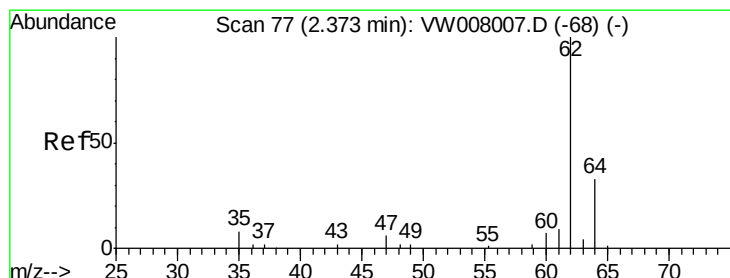
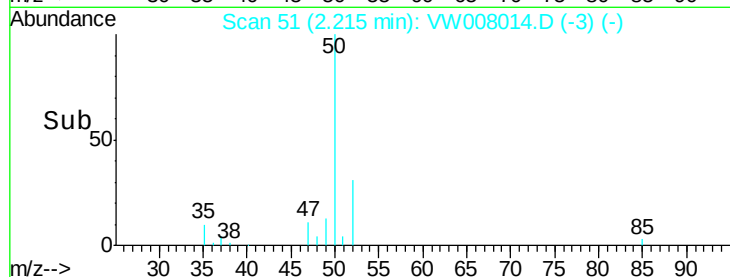
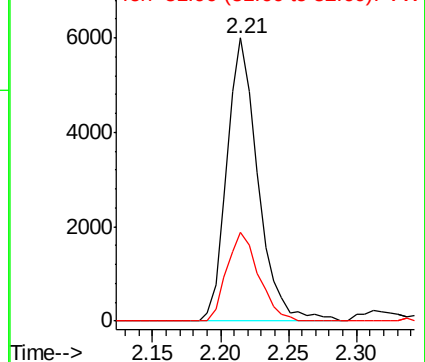
50 100

52 31.5 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.144 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008014.D

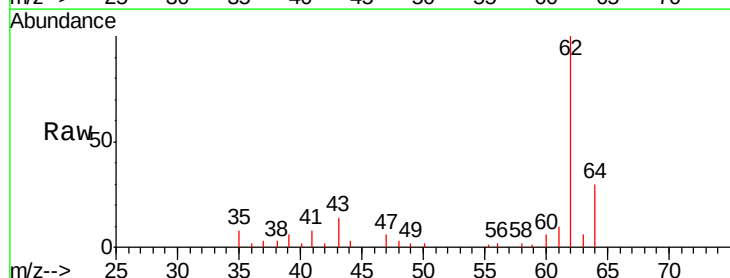
Acq: 03 Jan 2019 12:17

Tgt Ion: 62 Resp: 13015

Ion Ratio Lower Upper

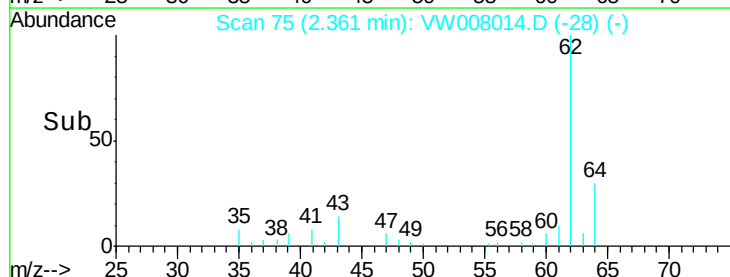
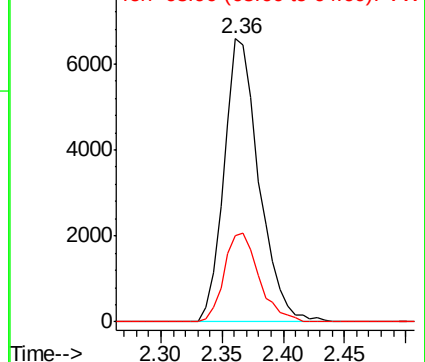
62 100

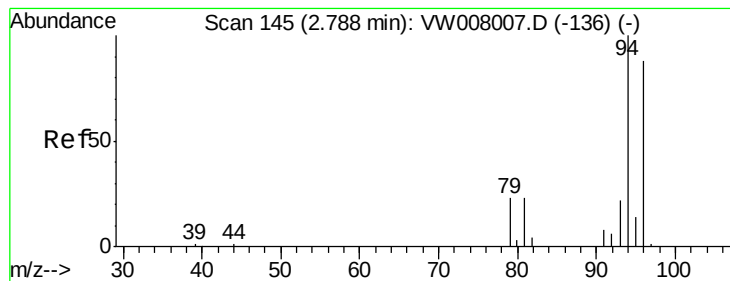
64 30.3 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 18.656 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

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ClientSampleId :

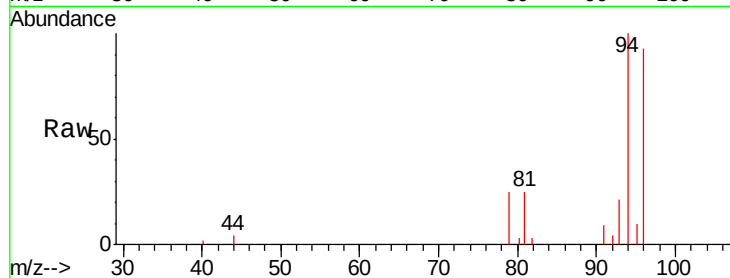
VW0103SBS01

Tgt Ion: 94 Resp: 7658

Ion Ratio Lower Upper

94 100

96 92.9 70.7 106.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

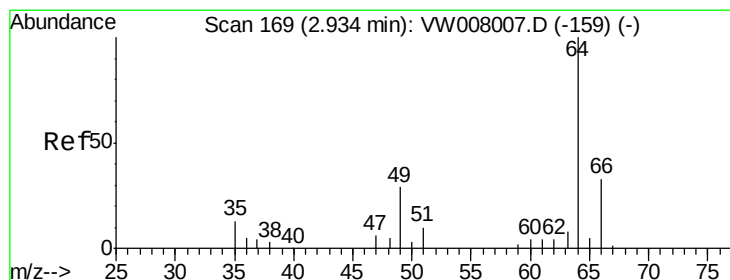
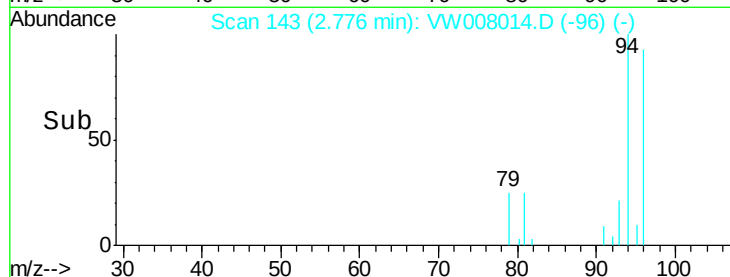
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 19.735 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008014.D

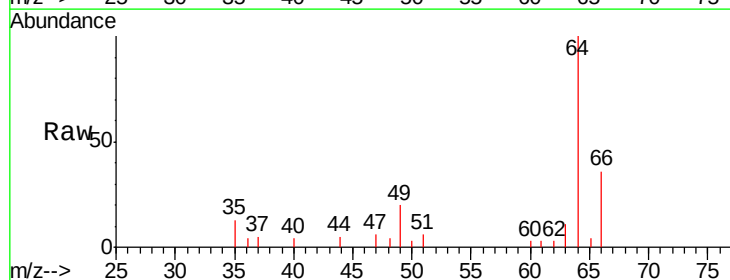
Acq: 03 Jan 2019 12:17

Tgt Ion: 64 Resp: 6517

Ion Ratio Lower Upper

64 100

66 35.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

2500

2000

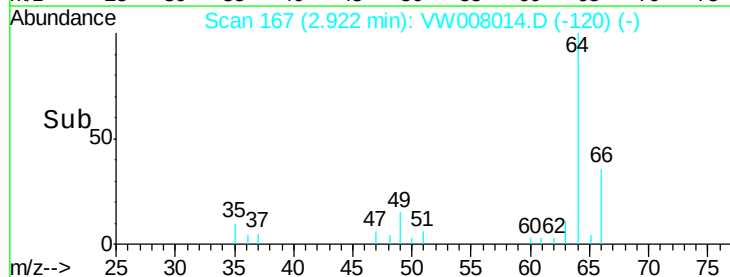
1500

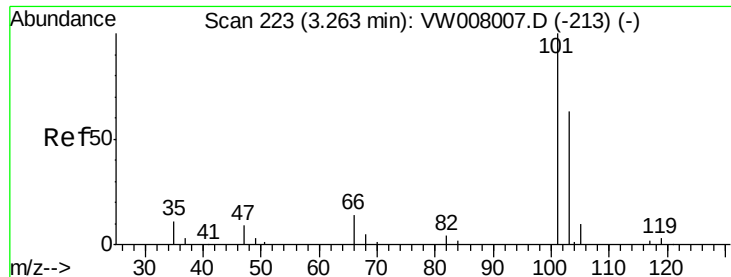
1000

500

0

Time-->



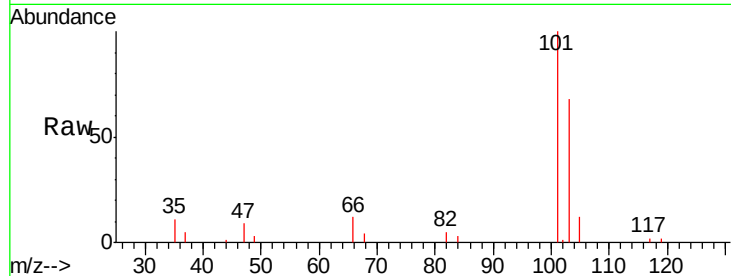


#7

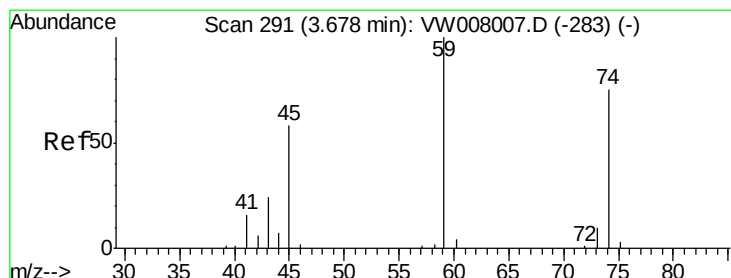
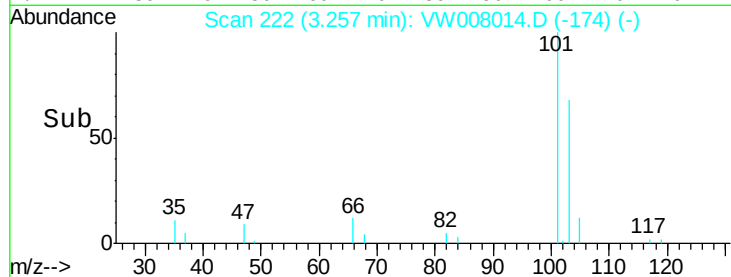
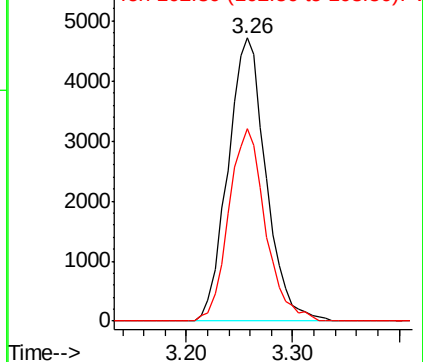
Trichlorofluoromethane
 Concen: 18.214 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Instrument :
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 VW0103SBS01

Tgt Ion: 101 Resp: 11813
 Ion Ratio Lower Upper
 101 100
 103 67.9 50.5 75.7



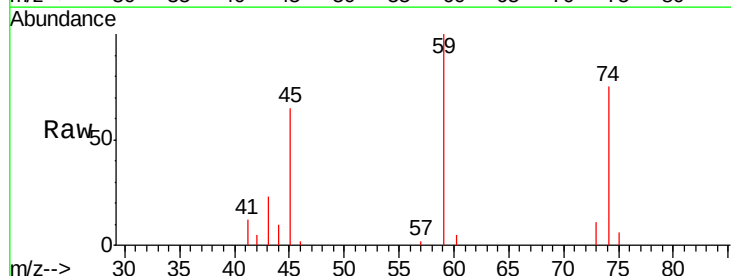
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



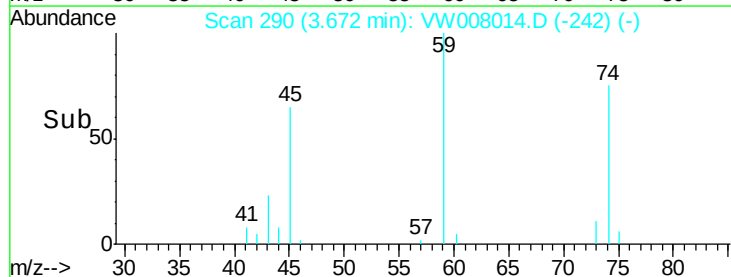
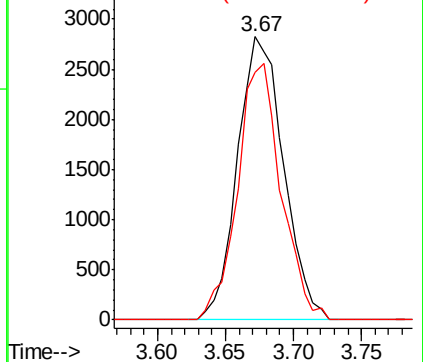
#8

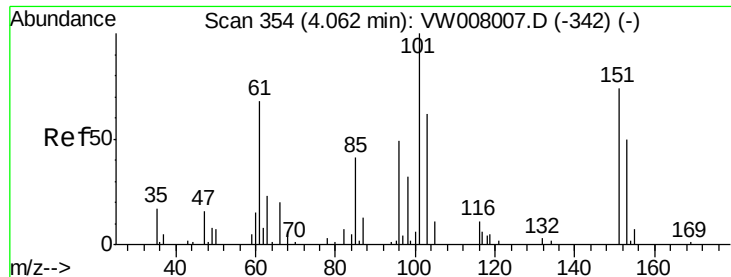
Diethyl Ether
 Concen: 20.074 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 74 Resp: 6687
 Ion Ratio Lower Upper
 74 100
 45 85.6 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.401 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

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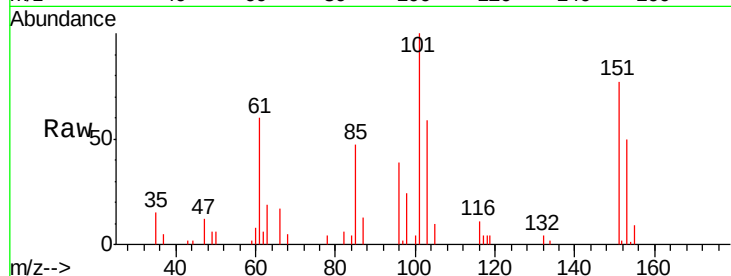
Tgt Ion:101 Resp: 14953

Ion Ratio Lower Upper

101 100

85 44.3 35.1 52.7

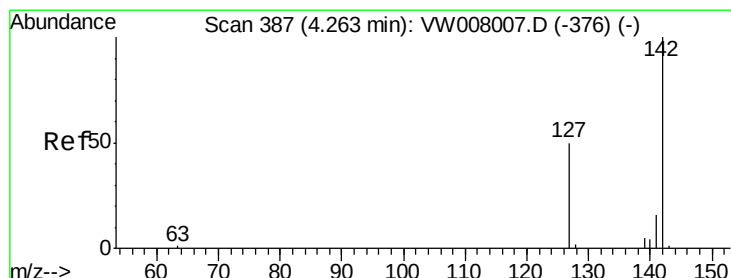
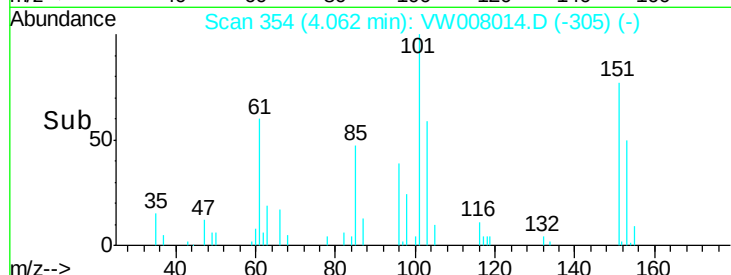
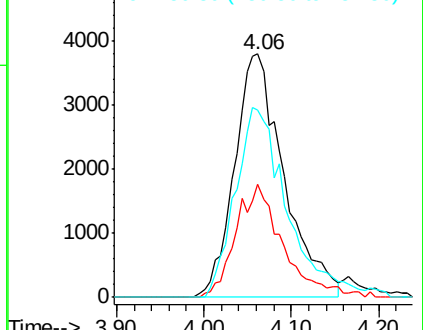
151 81.5 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.284 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

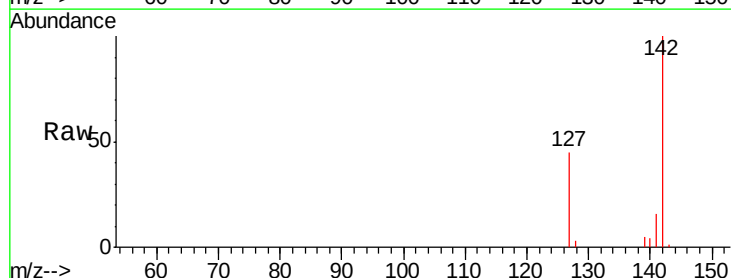
Tgt Ion:142 Resp: 23911

Ion Ratio Lower Upper

142 100

127 47.1 39.4 59.0

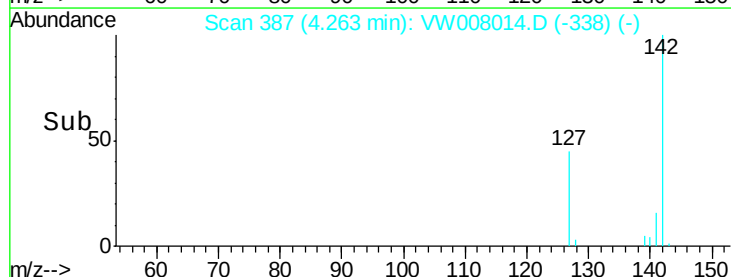
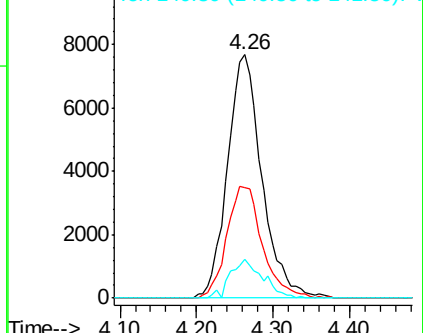
141 15.1 12.1 18.1

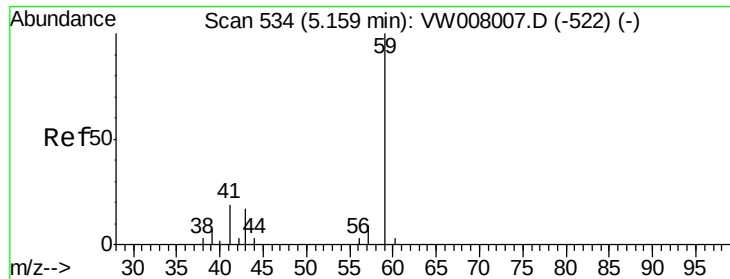


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

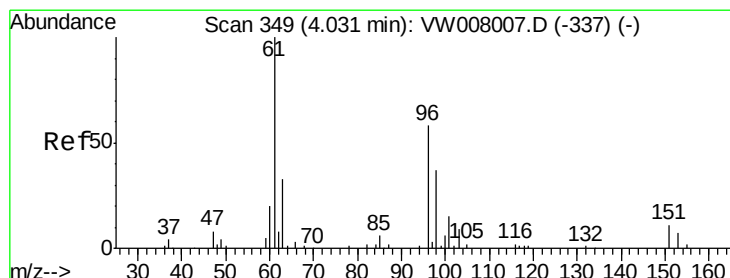
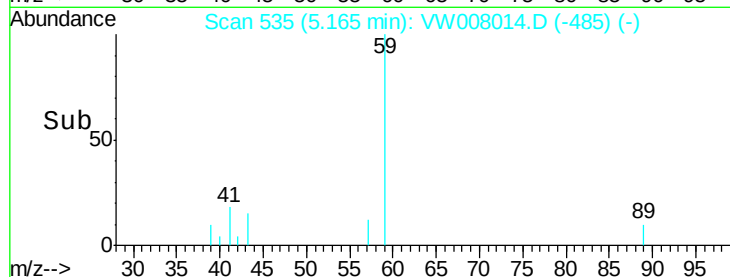
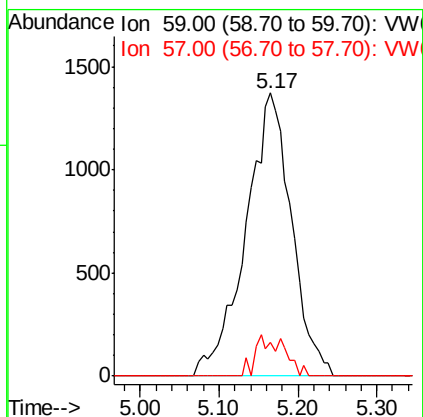
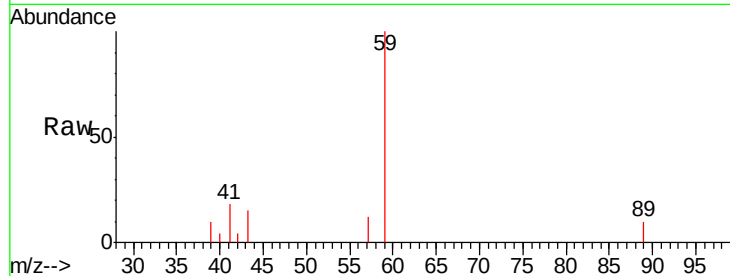




#11
Tert butyl alcohol
Concen: 104.541 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

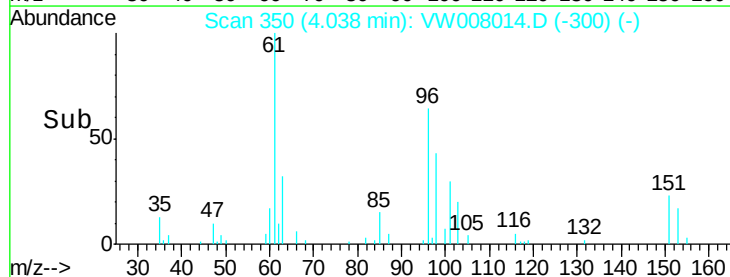
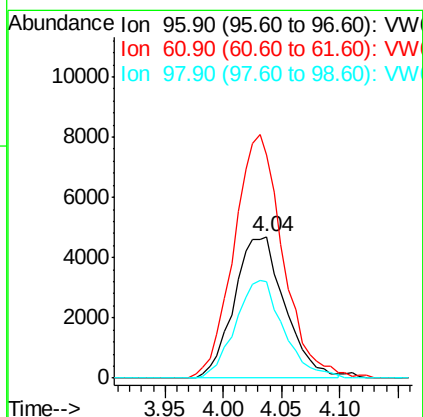
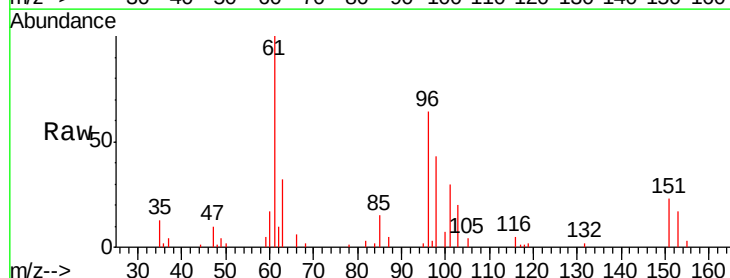
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

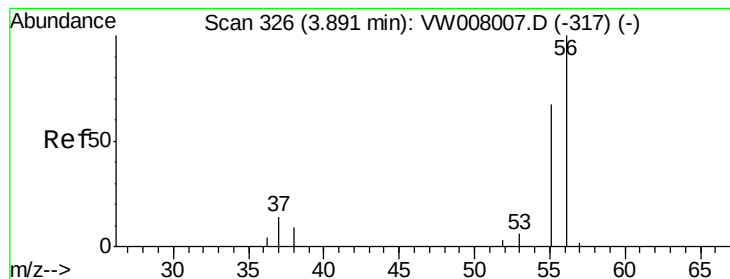
Tgt Ion: 59 Resp: 5520
Ion Ratio Lower Upper
59 100
57 5.6 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 19.188 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 96 Resp: 14156
Ion Ratio Lower Upper
96 100
61 157.1 137.3 205.9
98 67.6 50.5 75.7





#13

Acrolein

Concen: 90.256 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampled :

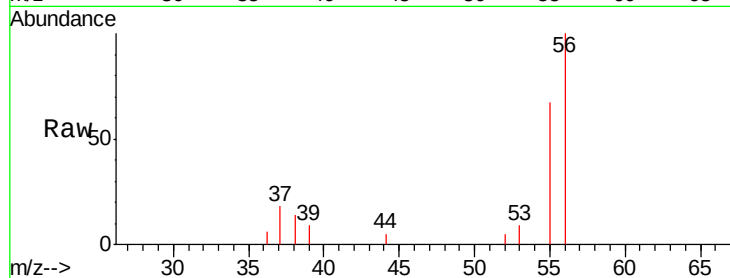
VW0103SBS01

Tgt Ion: 56 Resp: 3229

Ion Ratio Lower Upper

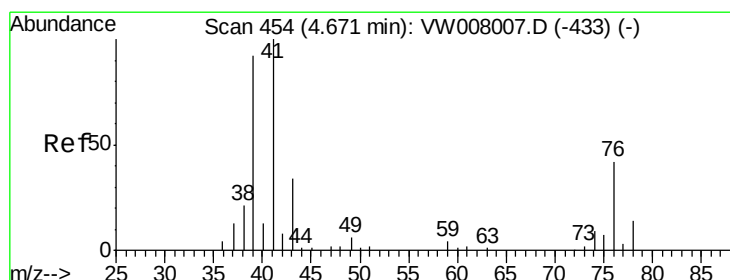
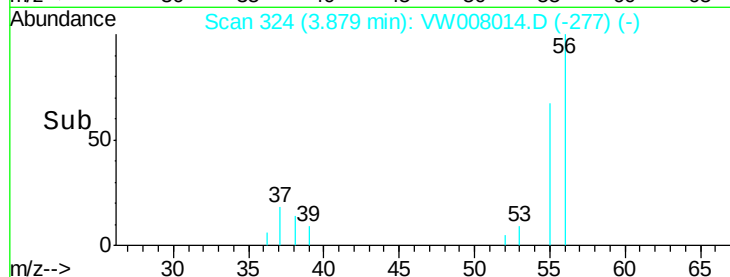
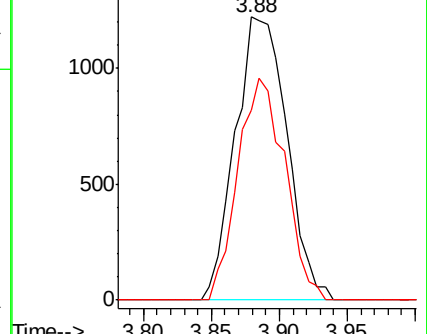
56 100

55 71.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.181 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

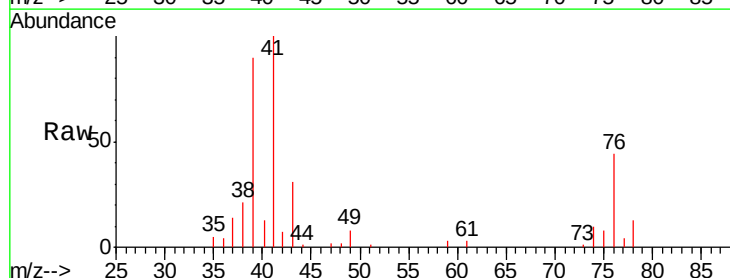
Tgt Ion: 41 Resp: 20170

Ion Ratio Lower Upper

41 100

39 84.8 71.1 106.7

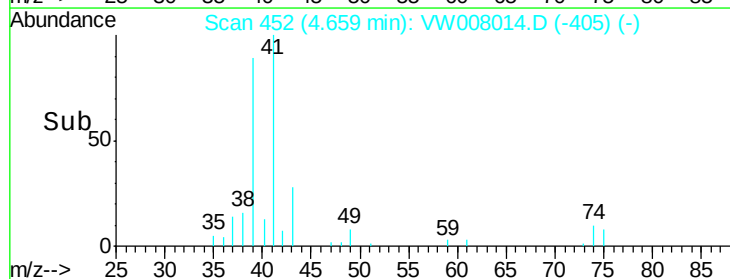
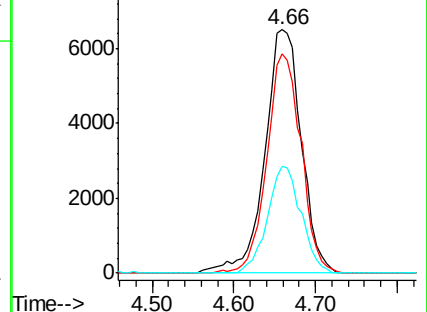
76 40.4 33.4 50.2

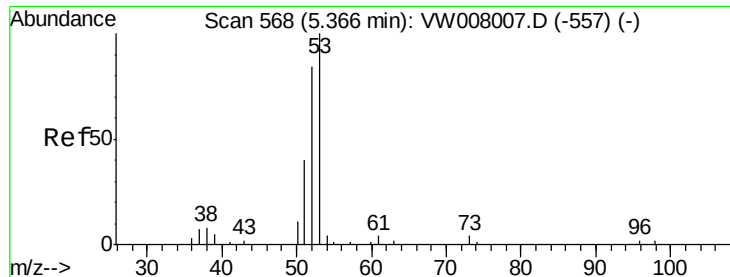


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 104.955 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

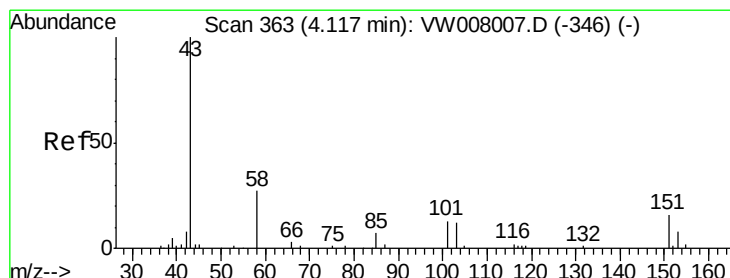
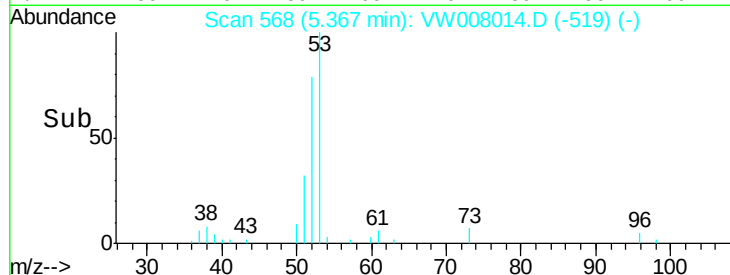
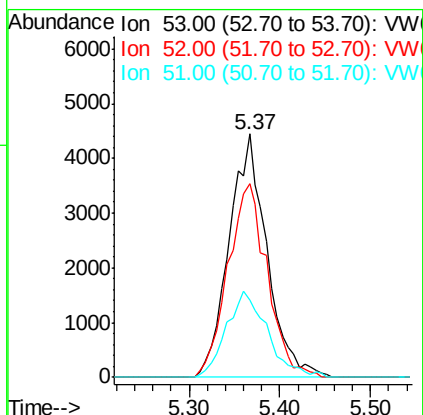
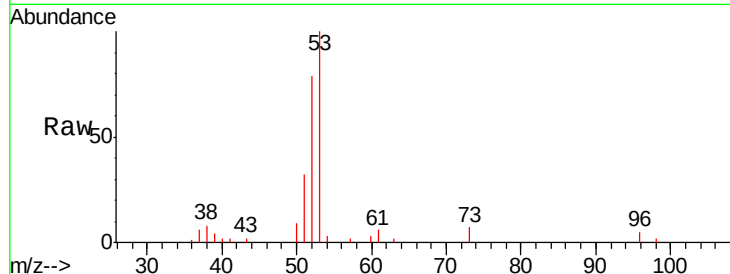
Tgt Ion: 53 Resp: 12859

Ion Ratio Lower Upper

53 100

52 82.9 67.8 101.8

51 38.4 31.5 47.3



#16

Acetone

Concen: 111.001 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008014.D

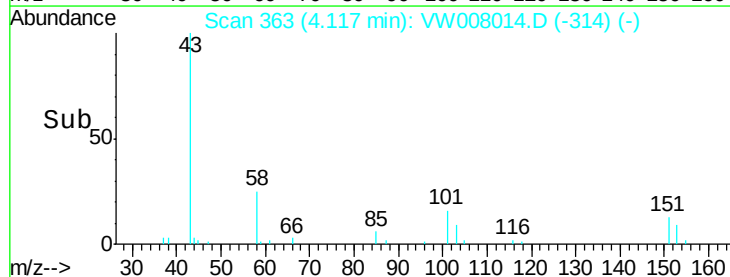
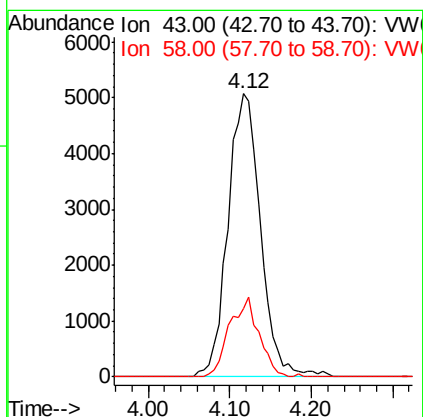
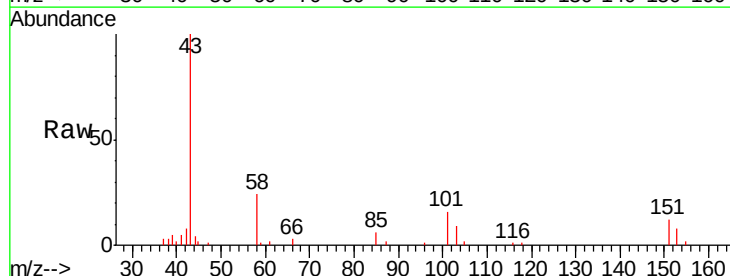
Acq: 03 Jan 2019 12:17

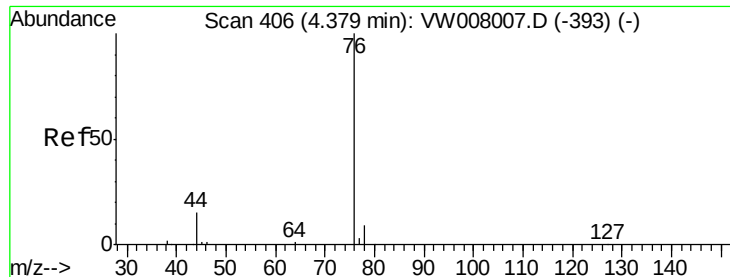
Tgt Ion: 43 Resp: 13965

Ion Ratio Lower Upper

43 100

58 24.3 21.7 32.5

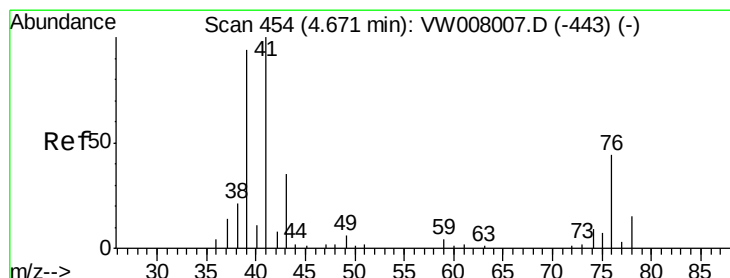
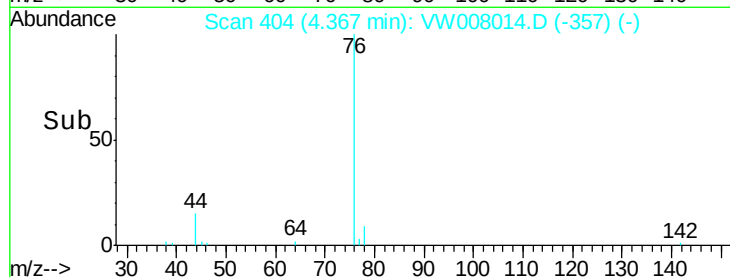
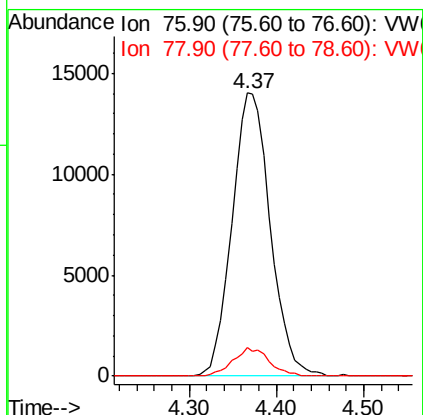
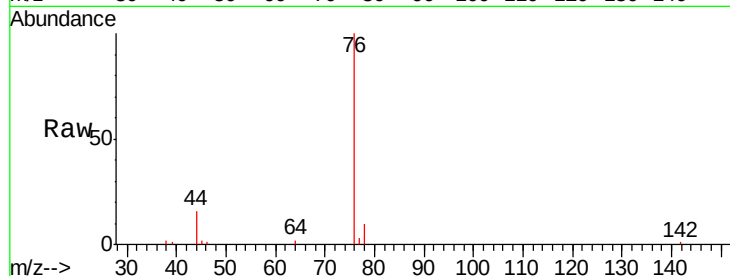




#17
Carbon Disulfide
Concen: 18.874 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

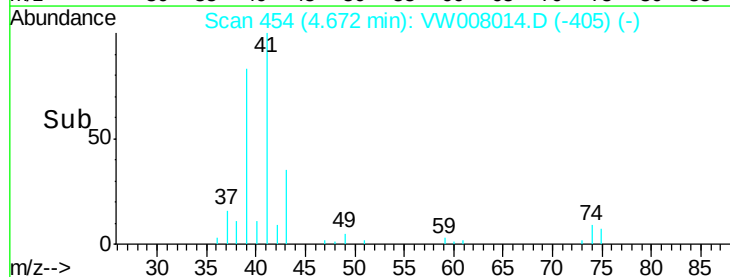
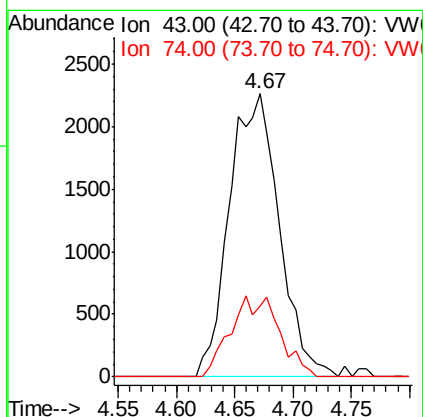
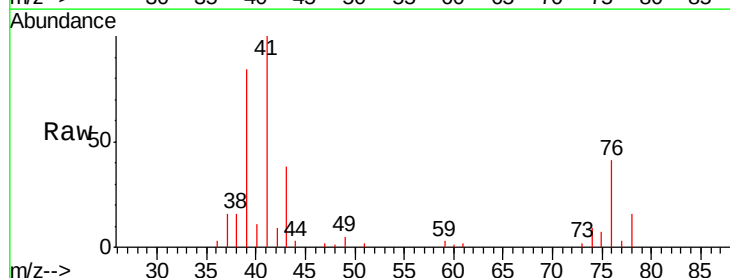
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

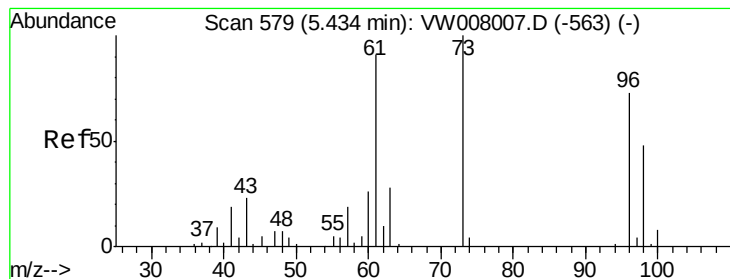
Tgt Ion: 76 Resp: 42534
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4



#18
Methyl Acetate
Concen: 20.569 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 43 Resp: 6711
Ion Ratio Lower Upper
43 100
74 14.1 21.4 32.2#



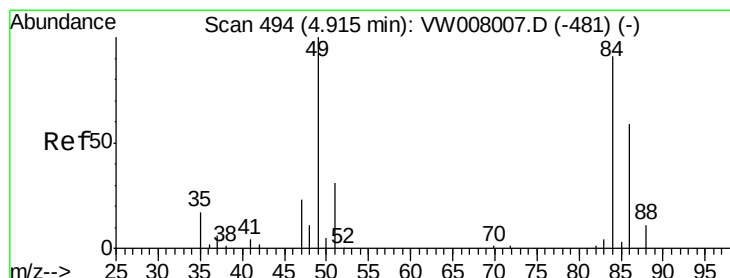
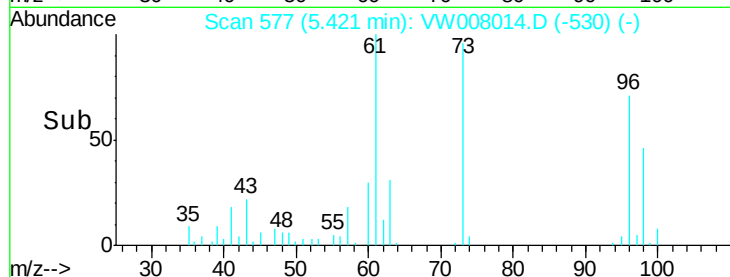
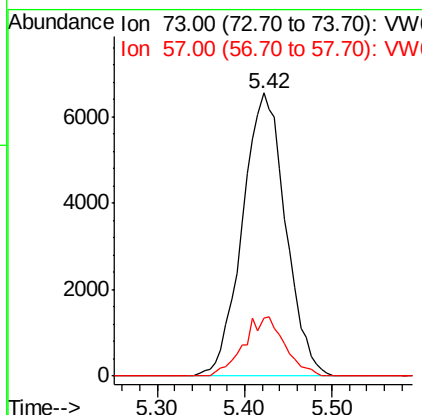
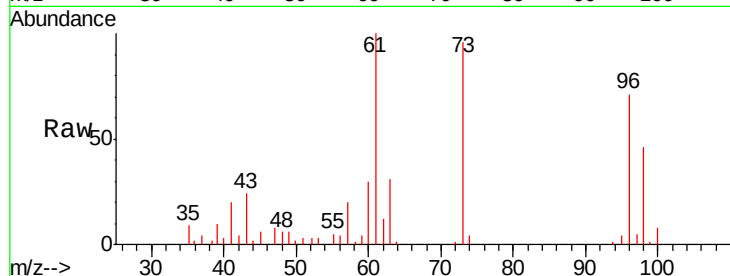


#19

Methyl tert-butyl Ether
 Concen: 19.384 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

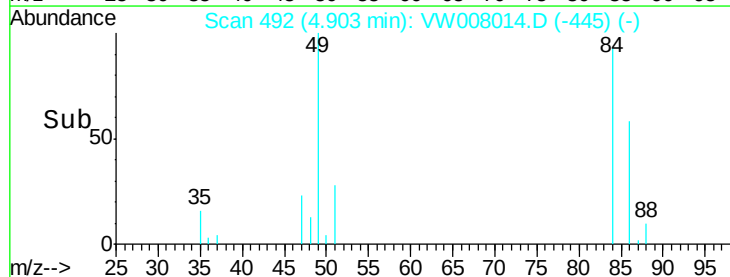
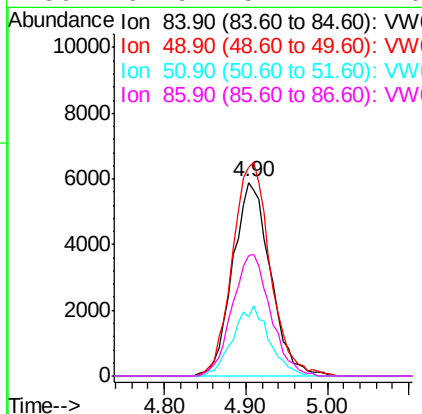
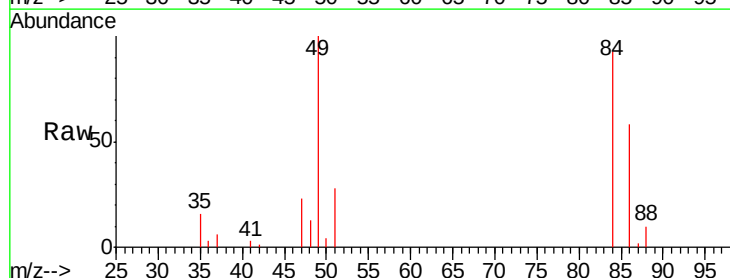
Tgt Ion: 73 Resp: 22505
 Ion Ratio Lower Upper
 73 100
 57 20.5 15.4 23.0

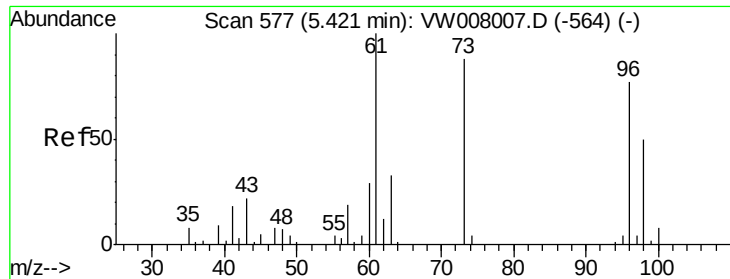


#20

Methylene Chloride
 Concen: 23.099 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 84 Resp: 18914
 Ion Ratio Lower Upper
 84 100
 49 107.8 87.7 131.5
 51 30.2 27.3 40.9
 86 62.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.207 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

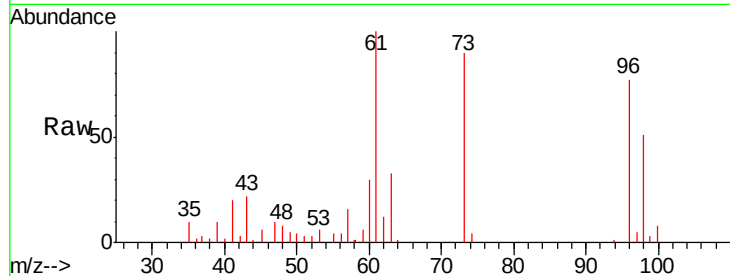
Tgt Ion: 96 Resp: 15417

Ion Ratio Lower Upper

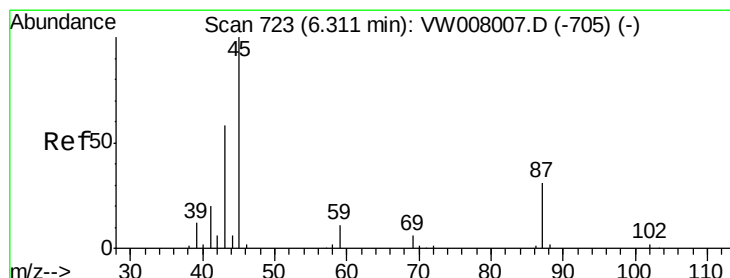
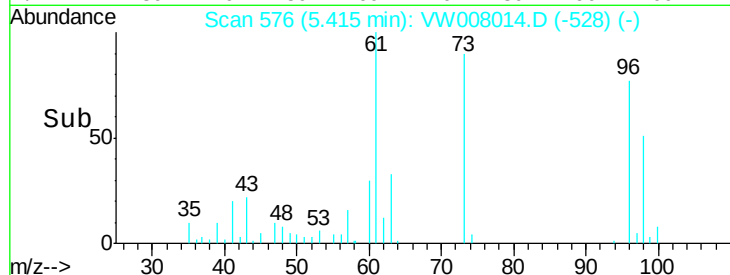
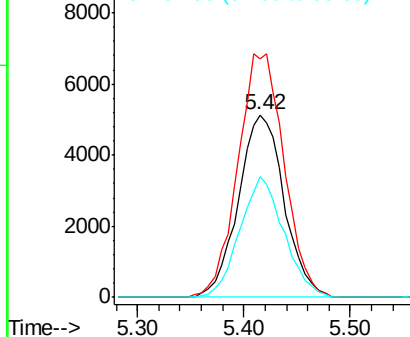
96 100

61 130.5 104.2 156.2

98 66.3 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.827 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Tgt Ion: 45 Resp: 35569

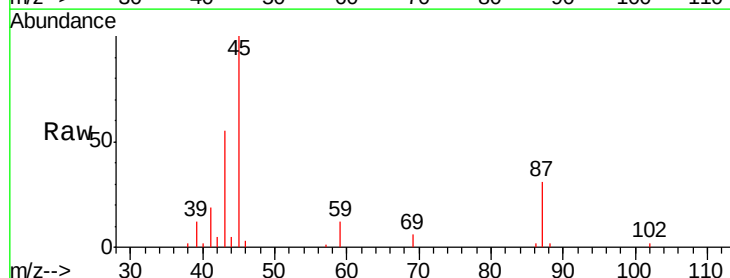
Ion Ratio Lower Upper

45 100

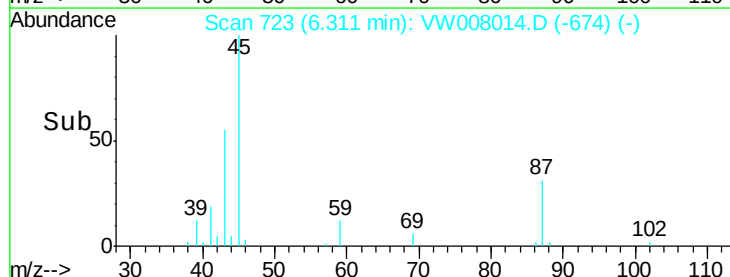
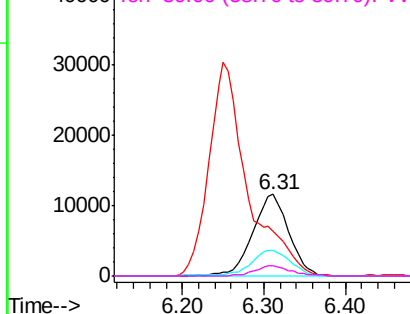
43 54.1 48.1 72.1

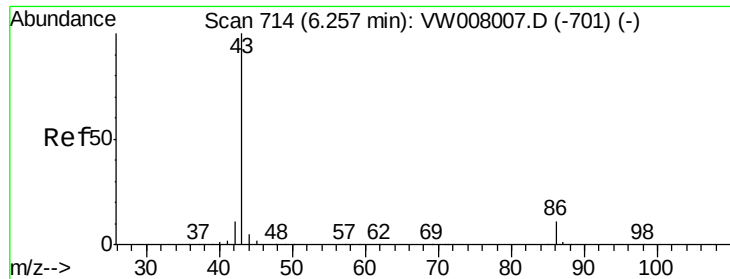
87 31.1 25.8 38.8

59 12.1 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 100.545 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

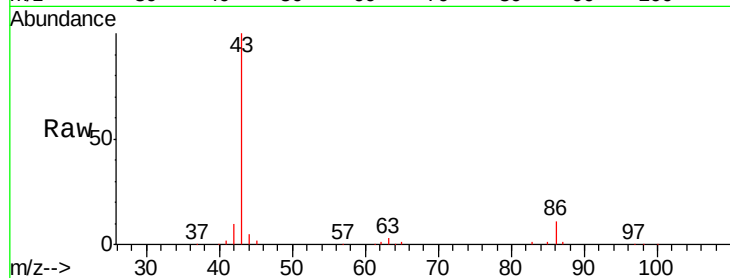
VW0103SBS01

Tgt Ion: 43 Resp: 100918

Ion Ratio Lower Upper

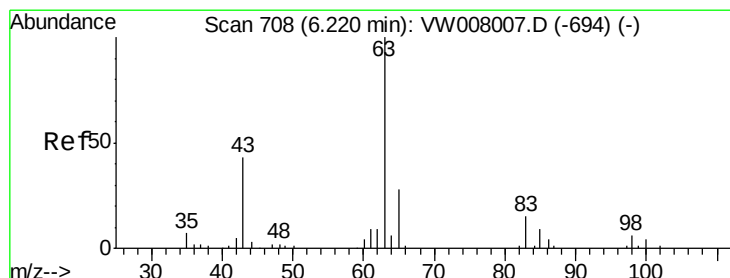
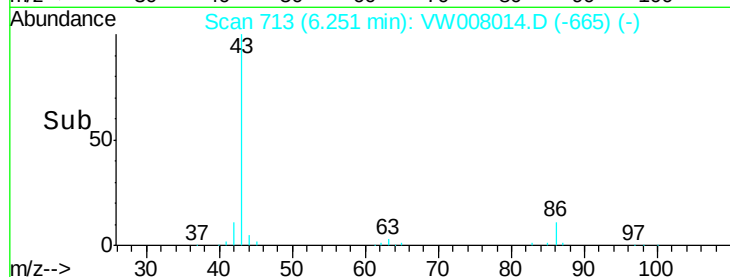
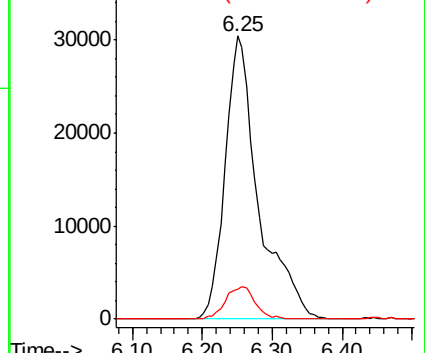
43 100

86 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.296 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

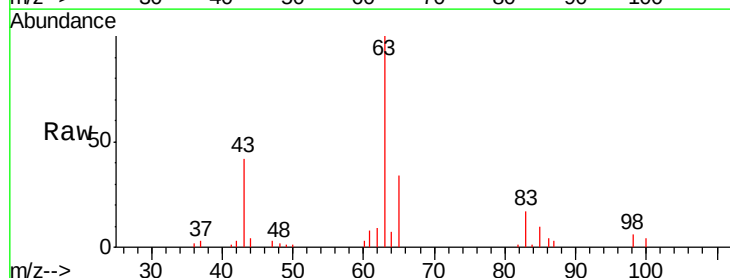
Tgt Ion: 63 Resp: 25720

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

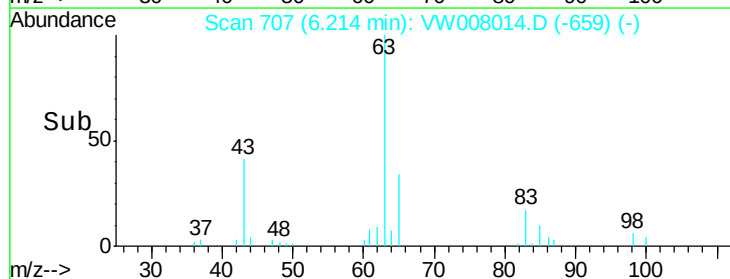
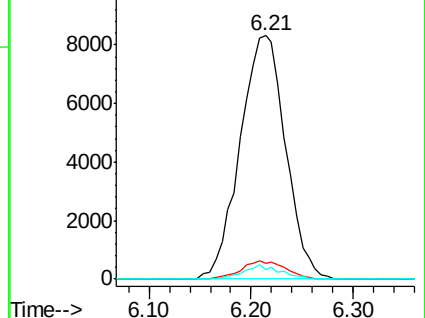
100 3.8 2.1 6.2

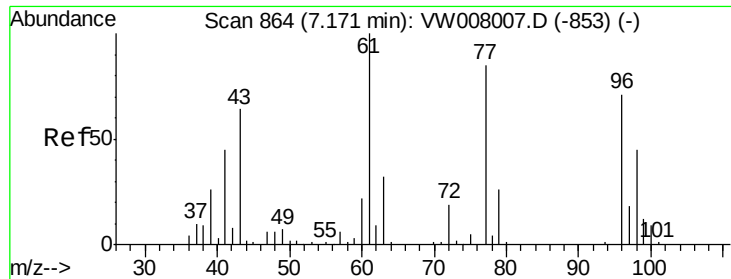


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 105.134 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

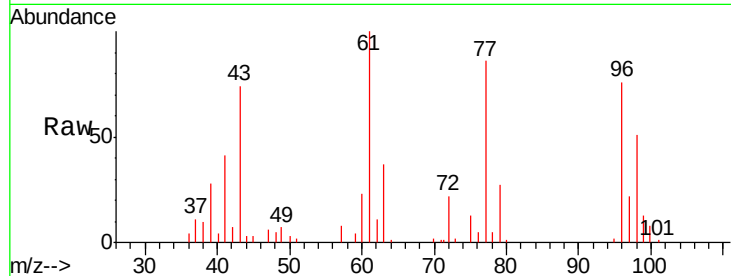
VW0103SBS01

Tgt Ion: 43 Resp: 15584

Ion Ratio Lower Upper

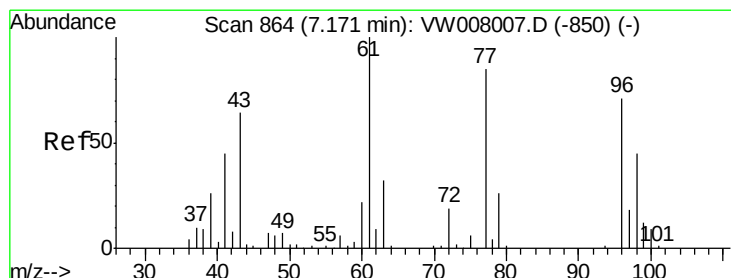
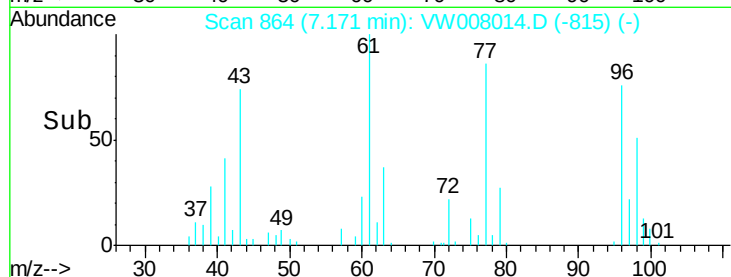
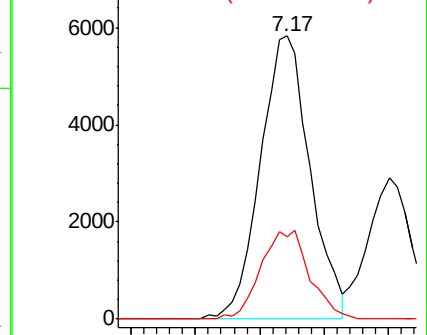
43 100

72 29.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 18.964 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008014.D

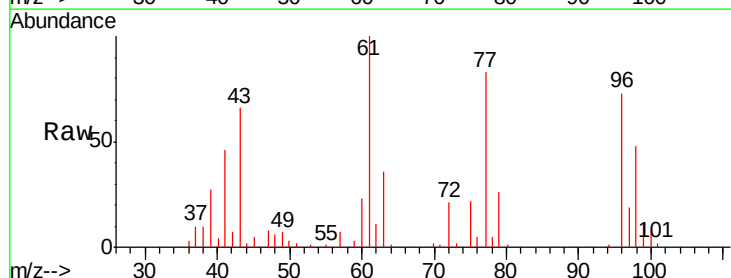
Acq: 03 Jan 2019 12:17

Tgt Ion: 77 Resp: 20825

Ion Ratio Lower Upper

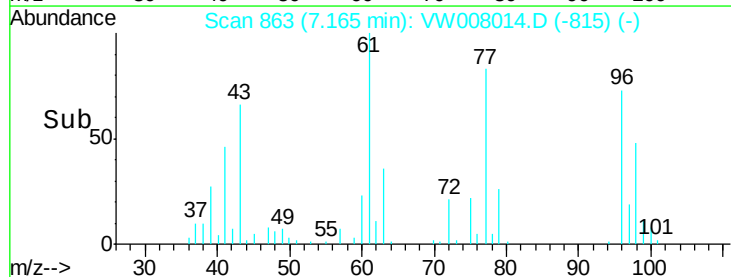
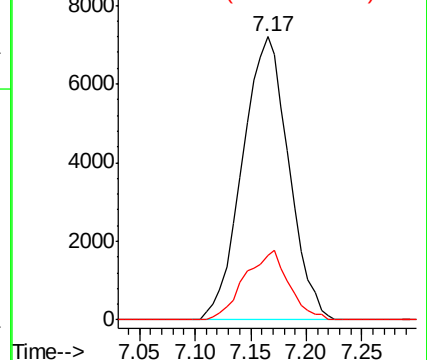
77 100

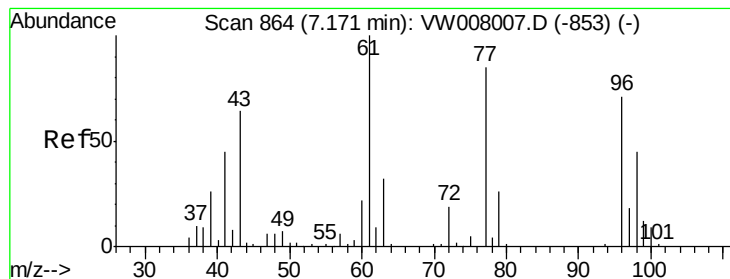
97 23.3 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



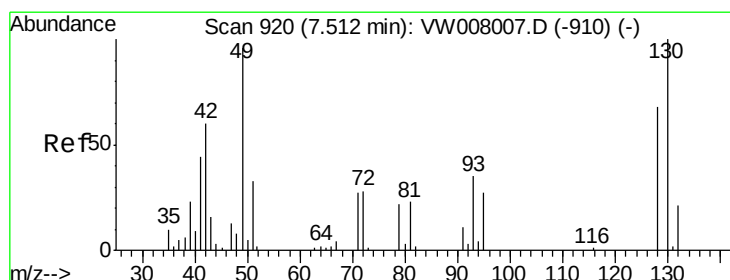
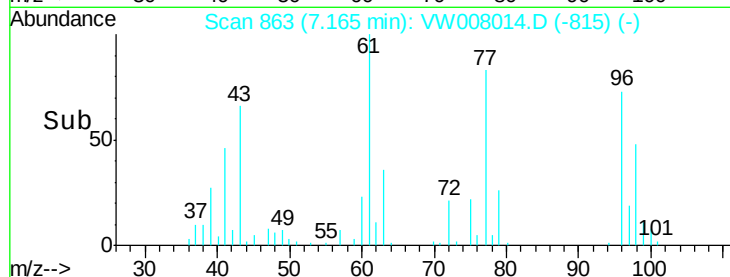
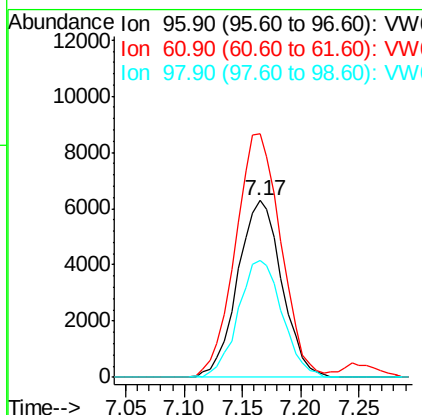
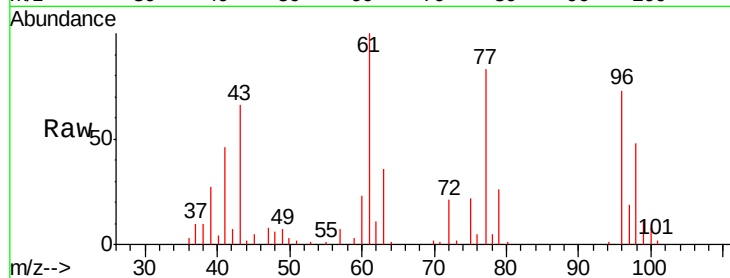


#27

cis-1,2-Dichloroethene
 Concen: 19.396 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

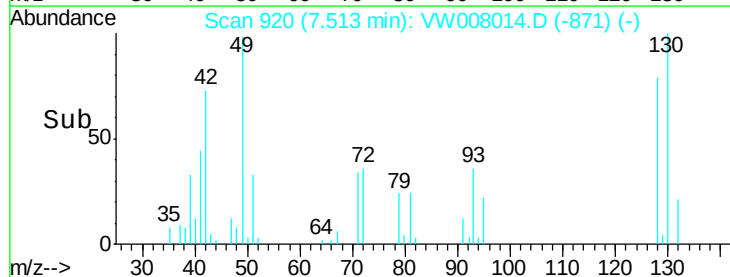
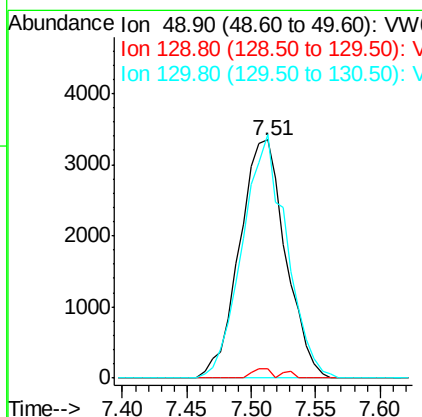
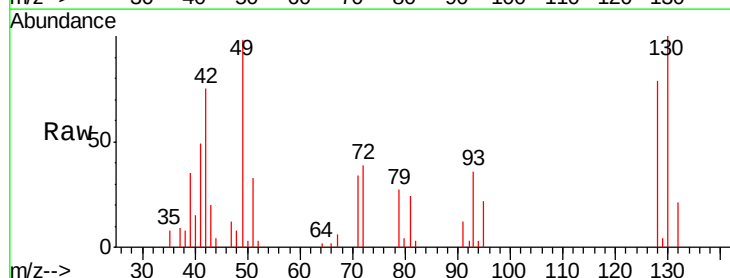
Tgt Ion: 96 Resp: 16584
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 286.4
 98 65.8 0.0 130.6

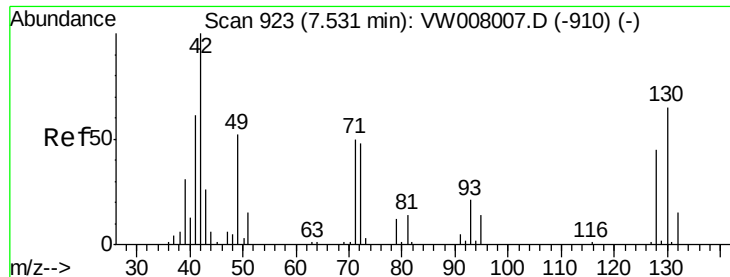


#28

Bromochloromethane
 Concen: 19.320 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 49 Resp: 8277
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 0.8#
 130 98.0 78.5 117.7

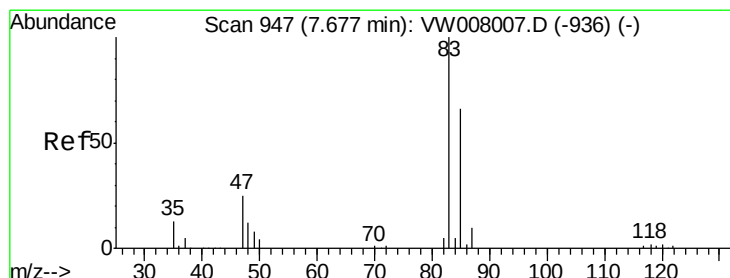
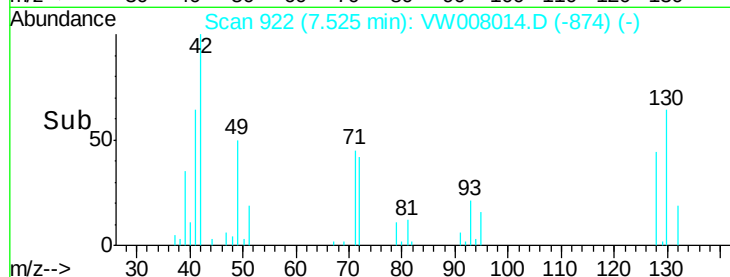
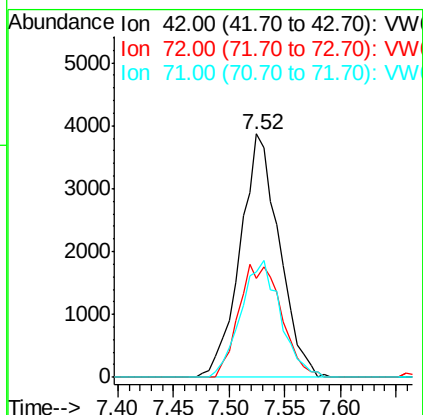
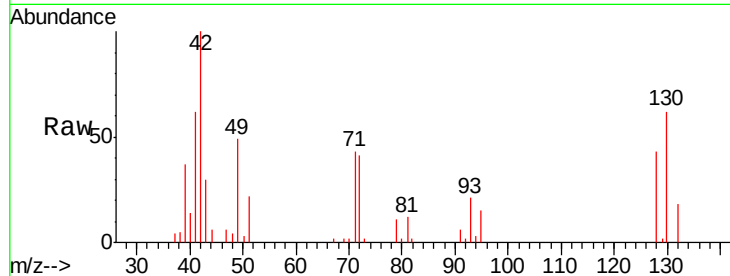




#29
Tetrahydrofuran
Concen: 102.418 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

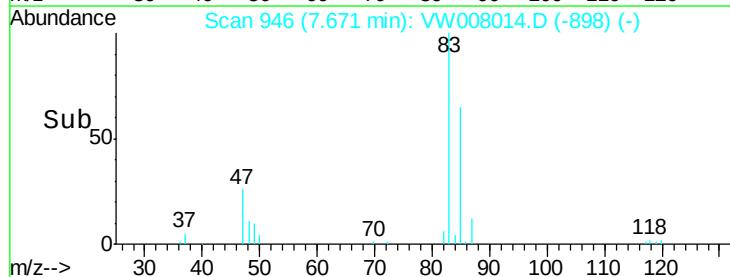
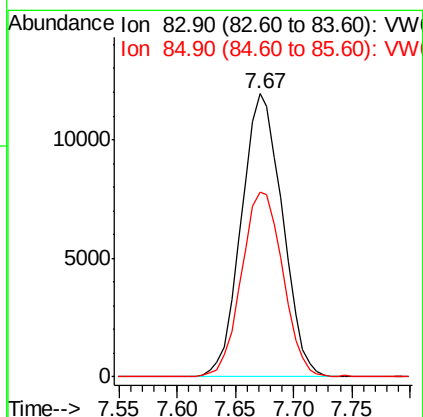
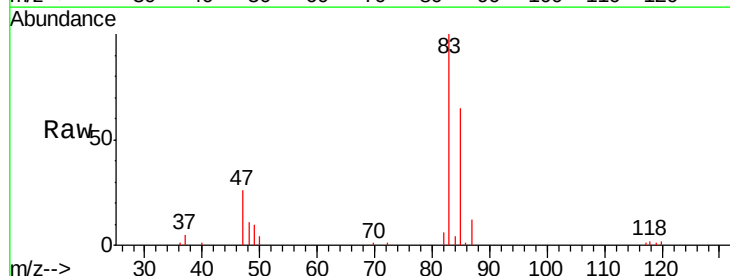
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

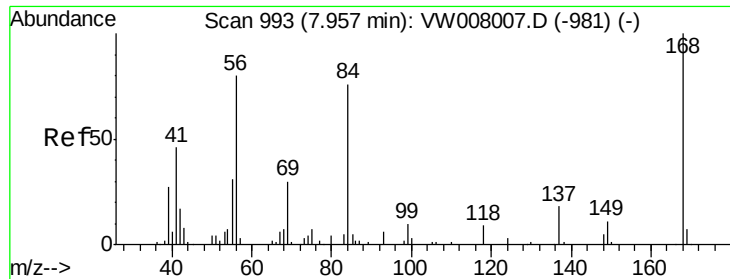
Tgt Ion: 42 Resp: 9430
Ion Ratio Lower Upper
42 100
72 50.9 39.0 58.6
71 48.8 39.1 58.7



#30
Chloroform
Concen: 19.608 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 83 Resp: 29291
Ion Ratio Lower Upper
83 100
85 65.4 52.7 79.1

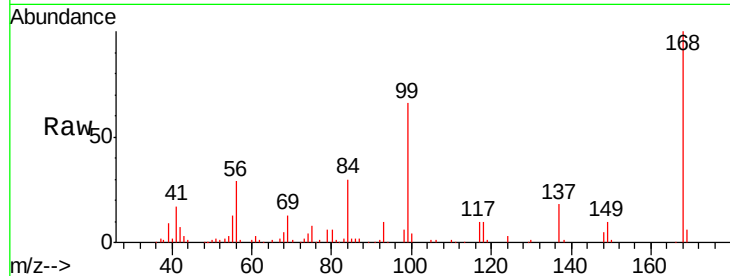




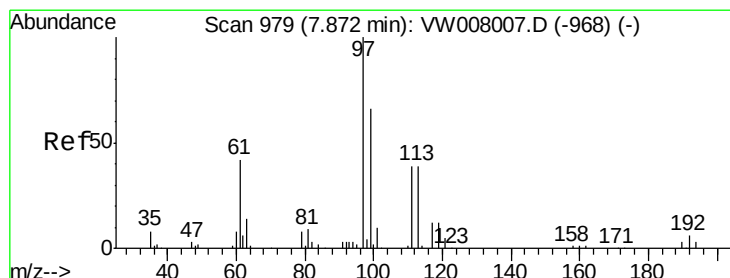
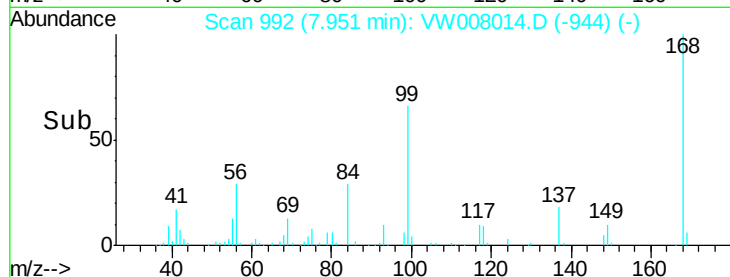
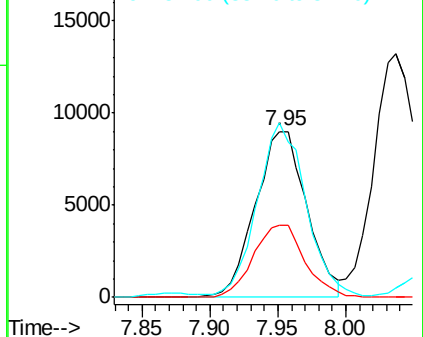
#31
Cyclohexane
Concen: 19.126 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tgt Ion: 56 Resp: 23761
Ion Ratio Lower Upper
56 100
69 43.9 29.8 44.6
84 103.5 75.2 112.8

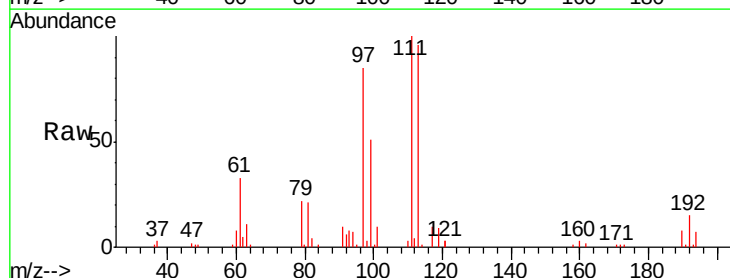


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

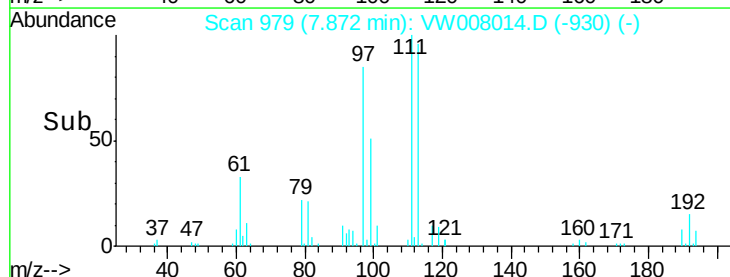
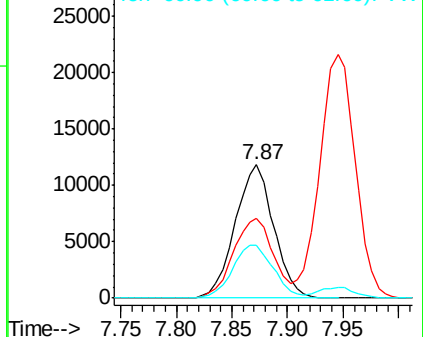


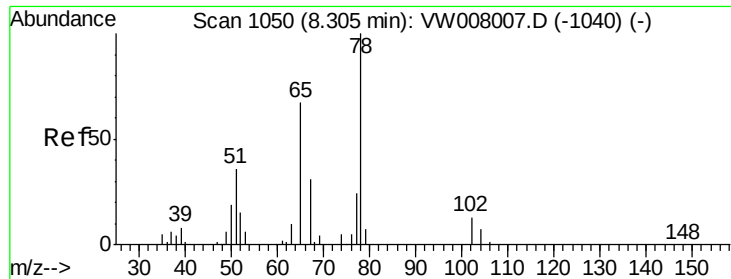
#32
1,1,1-Trichloroethane
Concen: 19.873 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 97 Resp: 28407
Ion Ratio Lower Upper
97 100
99 61.8 51.5 77.3
61 42.0 33.4 50.0



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

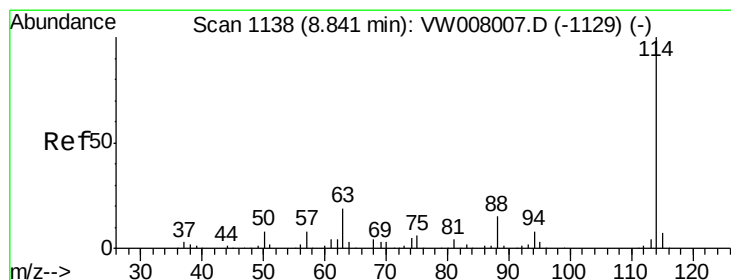
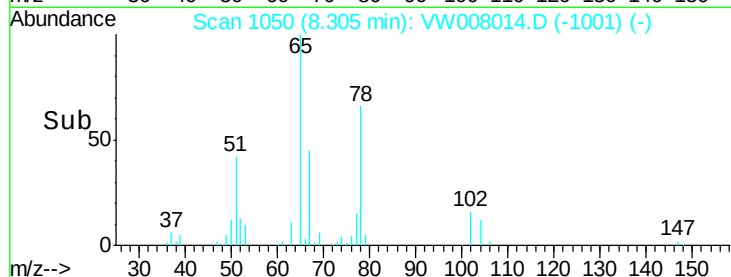
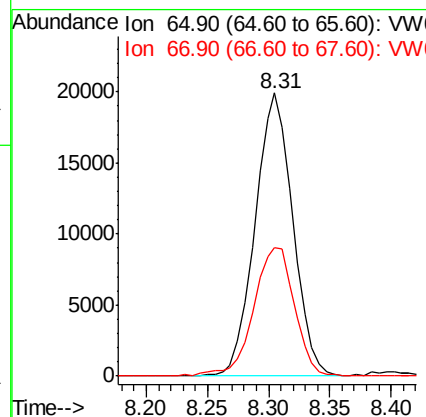
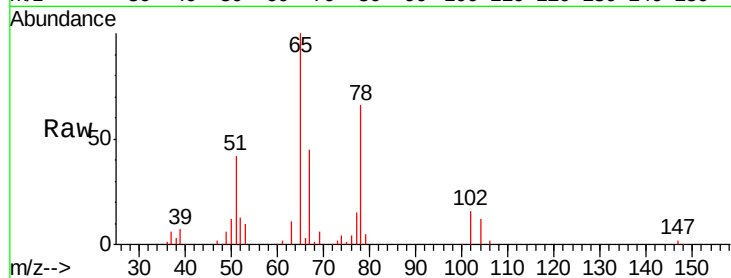




#33
 1,2-Dichloroethane-d4
 Concen: 52.491 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

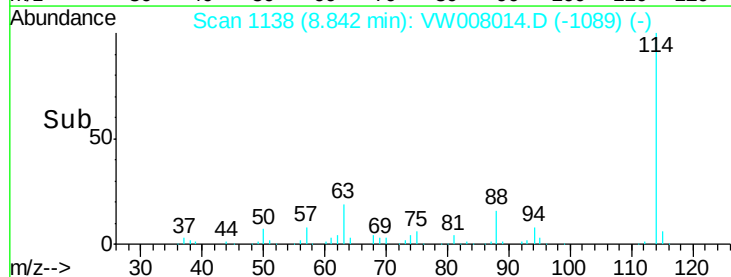
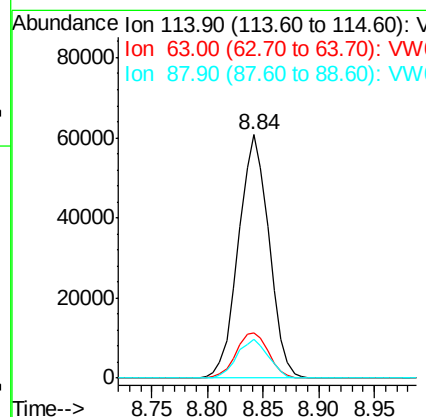
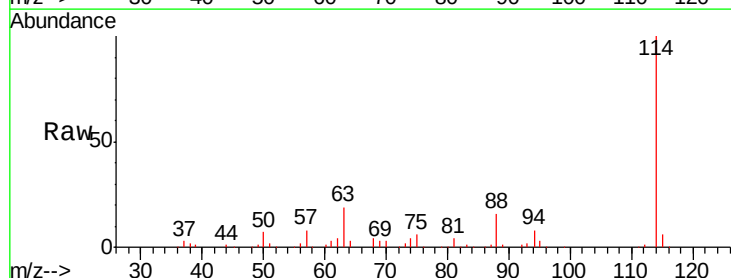
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

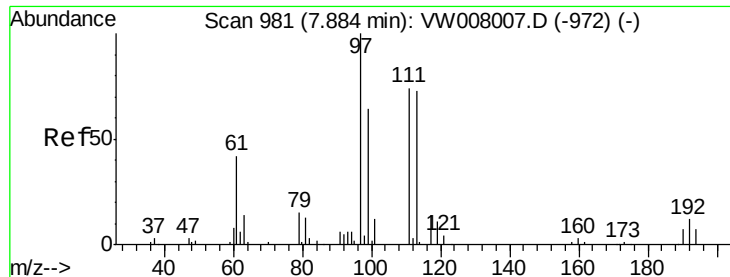
Tgt Ion: 65 Resp: 42662
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 114 Resp: 115594
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 15.9 0.0 31.0

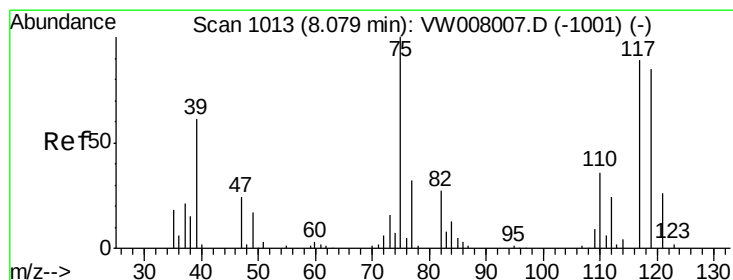
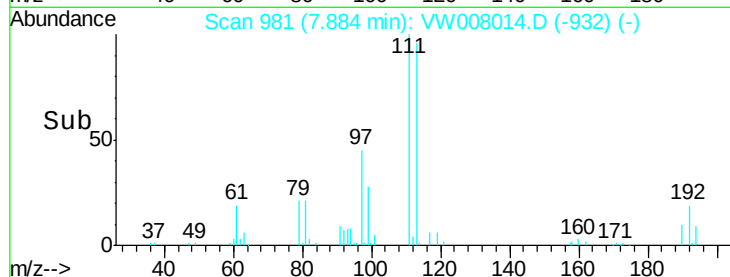
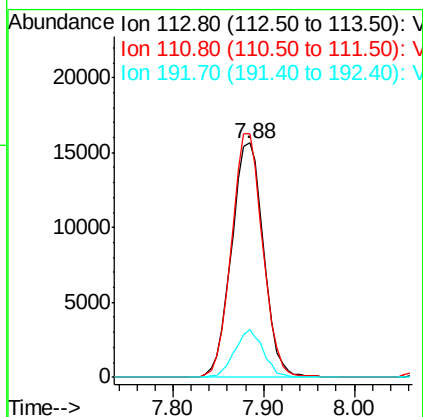
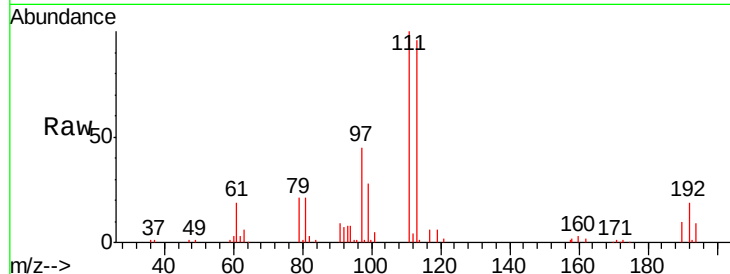




#35
 Dibromofluoromethane
 Concen: 52.560 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

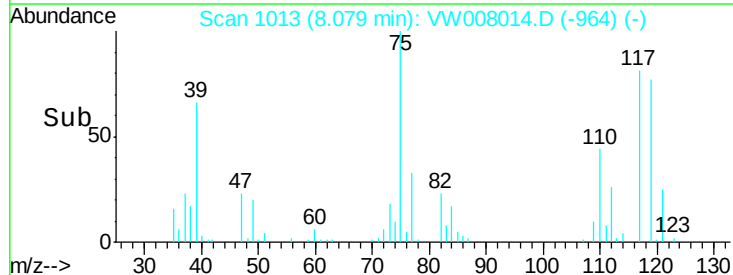
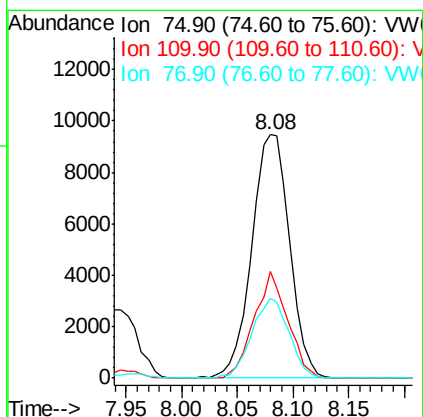
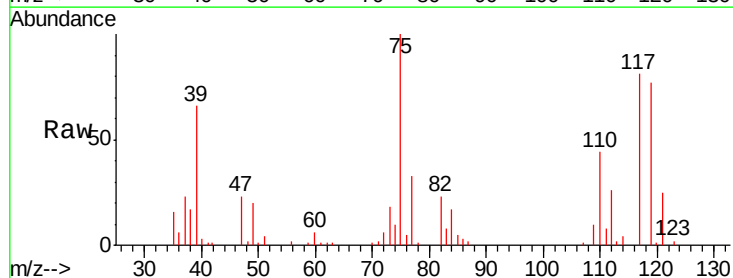
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

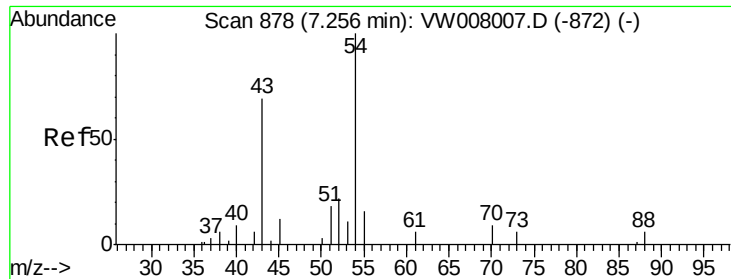
Tgt Ion: 113 Resp: 38301
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.4 122.0
 192 18.2 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 19.634 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 75 Resp: 22388
 Ion Ratio Lower Upper
 75 100
 110 38.8 18.1 54.3
 77 32.1 25.3 37.9

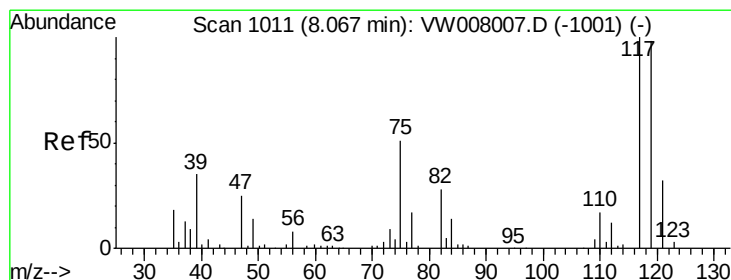
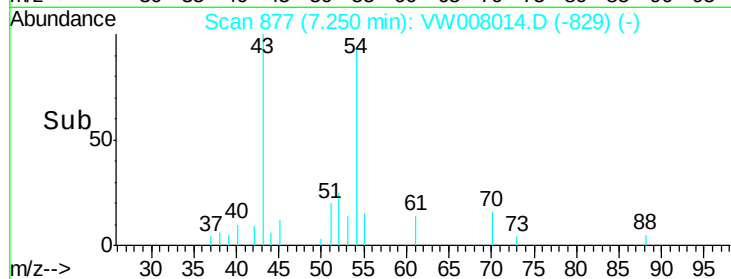
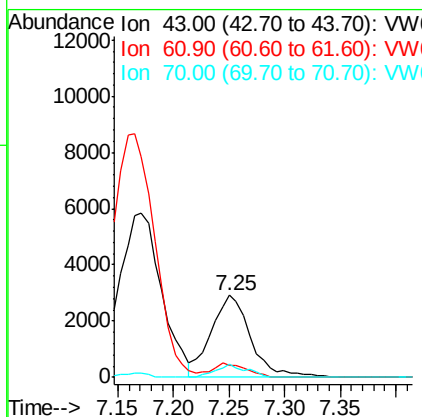
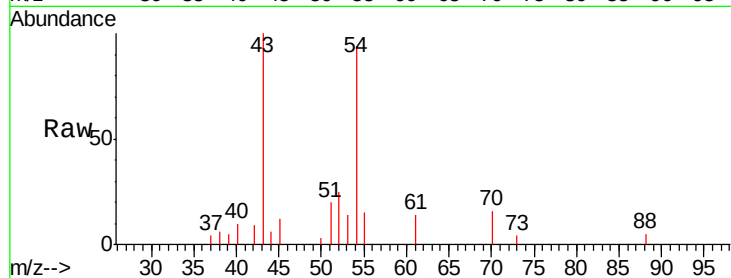




#37
Ethyl Acetate
Concen: 20.989 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

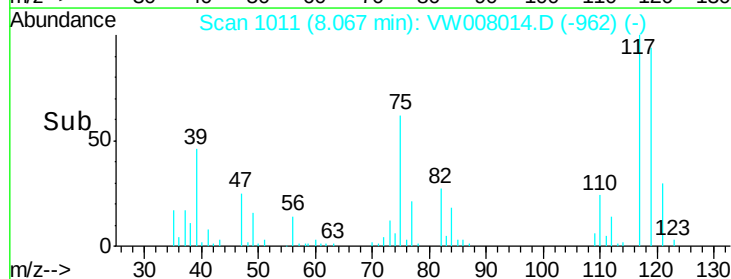
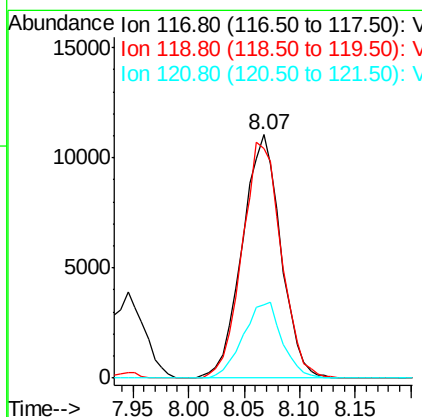
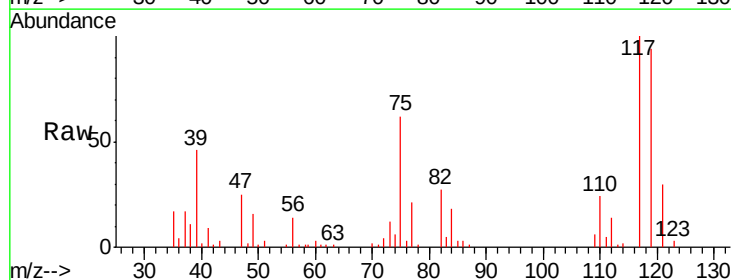
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

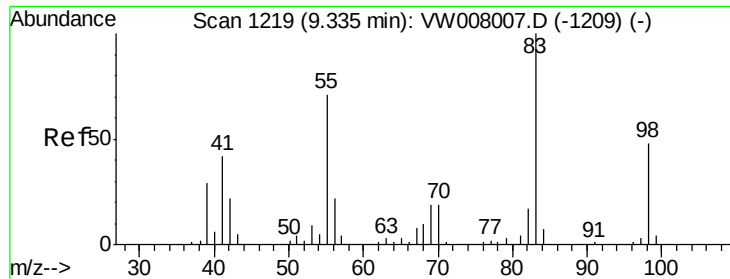
Tgt Ion: 43 Resp: 7189
Ion Ratio Lower Upper
43 100
61 14.8 11.4 17.2
70 12.0 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.461 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 117 Resp: 26595
Ion Ratio Lower Upper
117 100
119 94.4 78.7 118.1
121 30.2 25.8 38.8

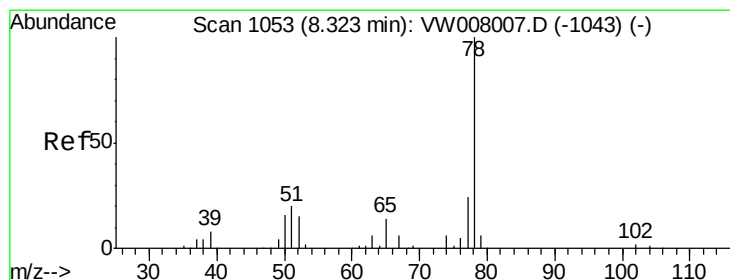
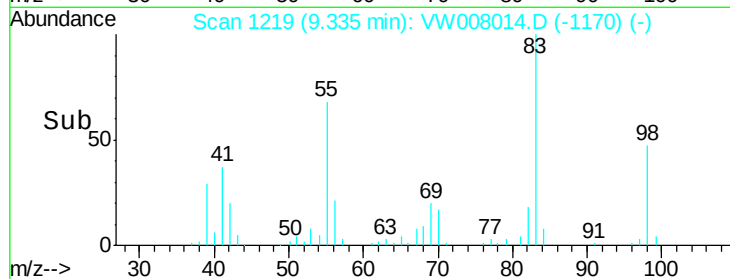
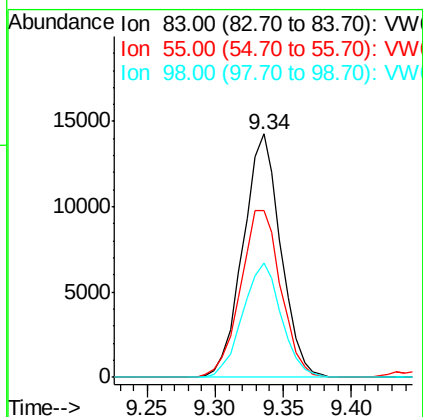
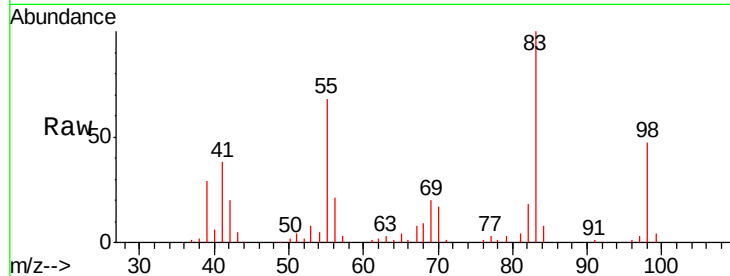




#39
Methylcyclohexane
Concen: 19.514 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

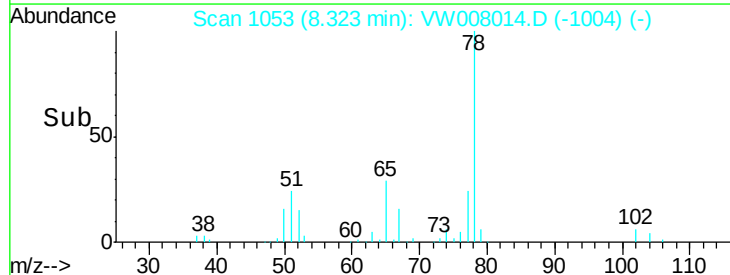
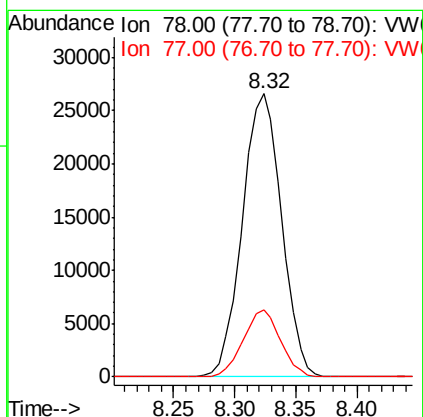
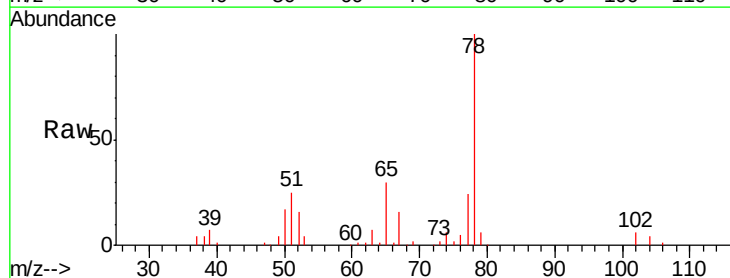
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

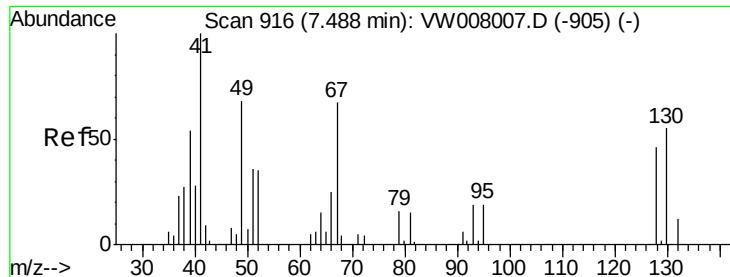
Tgt Ion: 83 Resp: 27736
Ion Ratio Lower Upper
83 100
55 68.4 56.8 85.2
98 46.8 38.6 58.0



#40
Benzene
Concen: 19.732 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 78 Resp: 59357
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

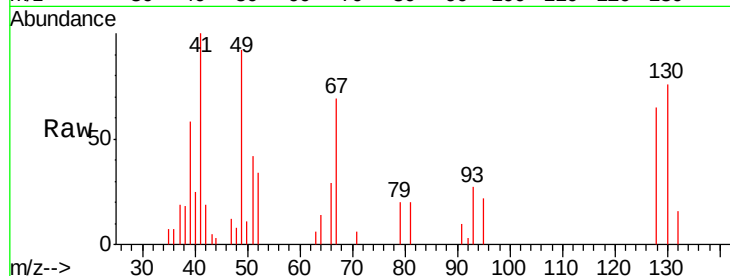




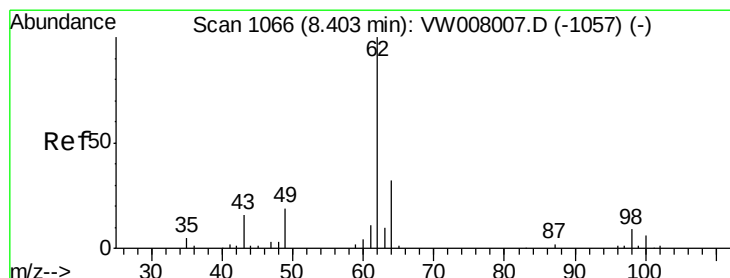
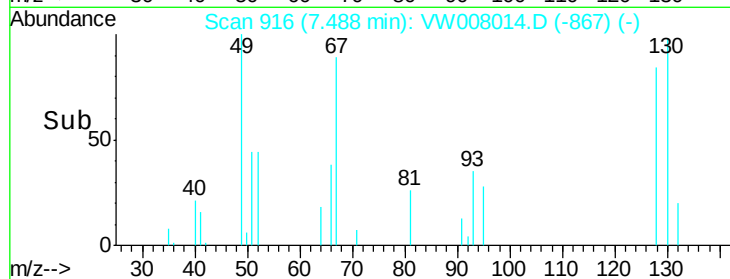
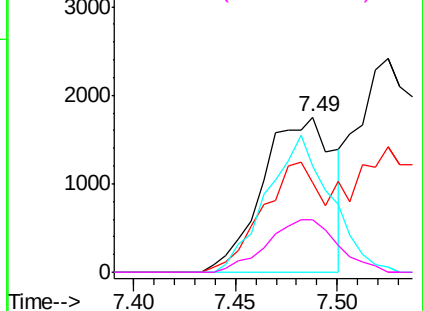
#41
Methacrylonitrile
Concen: 20.980 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tgt Ion:	41	Resp:	4225
Ion	Ratio	Lower	Upper
41	100		
39	58.2	48.6	72.8
67	80.1	55.6	83.4
52	33.8	25.9	38.9

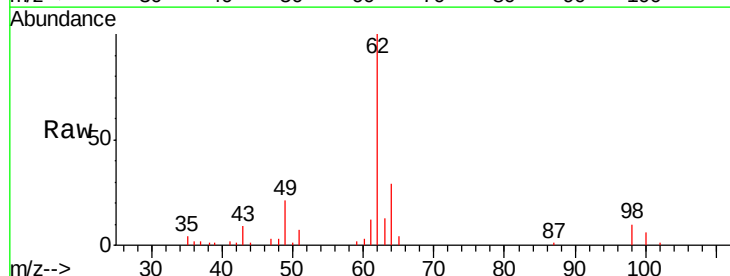


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

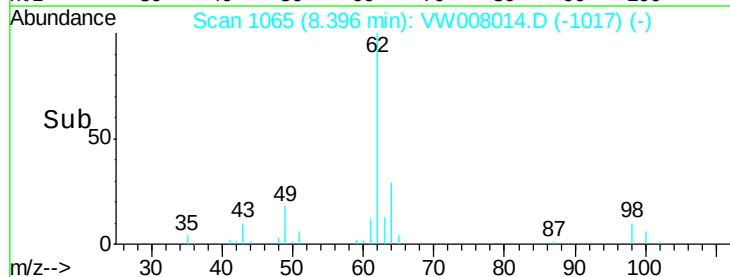
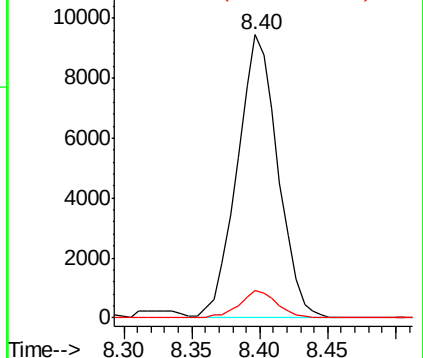


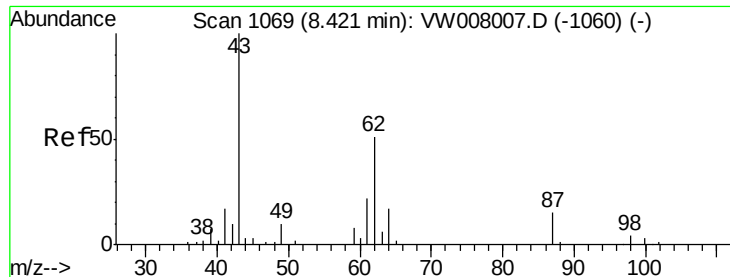
#42
1,2-Dichloroethane
Concen: 19.667 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion:	62	Resp:	19712
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 20.458 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

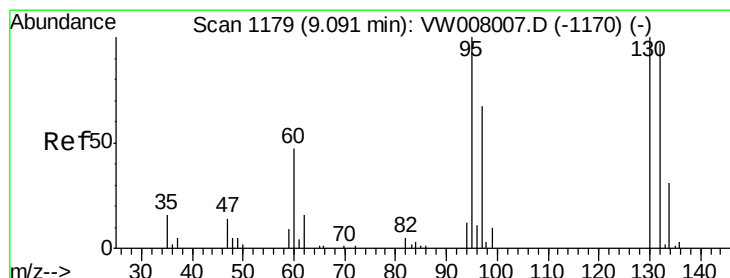
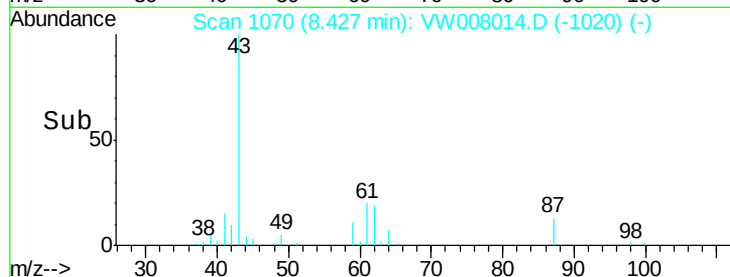
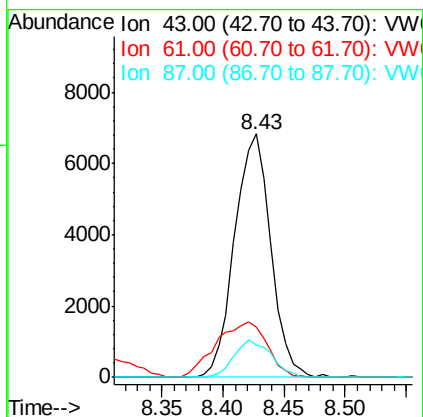
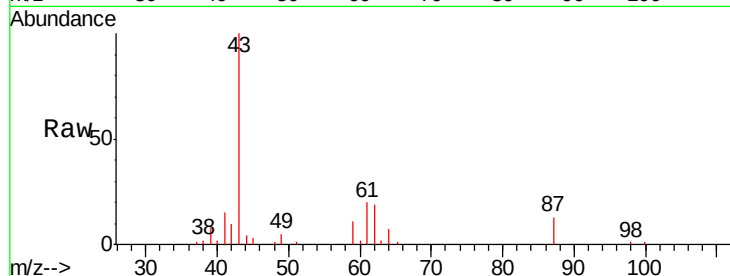
Tgt Ion: 43 Resp: 14001

Ion Ratio Lower Upper

43 100

61 32.1 26.4 39.6

87 15.9 12.0 18.0



#44

Trichloroethene

Concen: 19.108 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008014.D

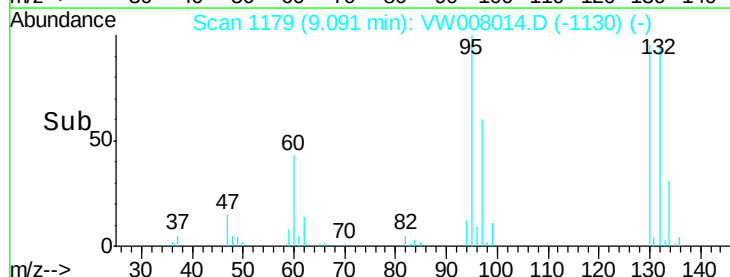
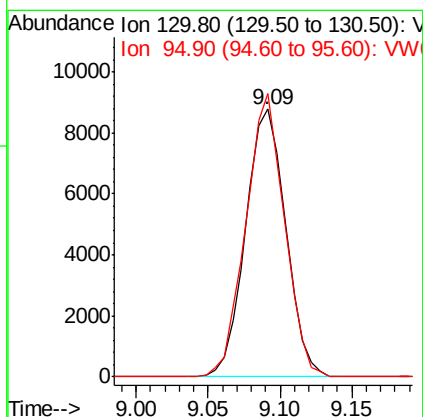
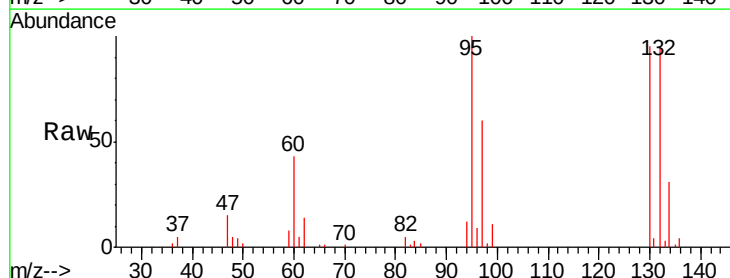
Acq: 03 Jan 2019 12:17

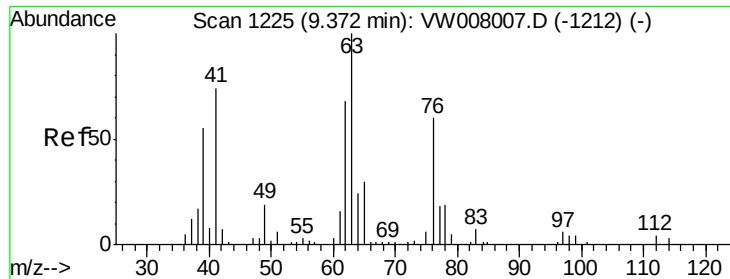
Tgt Ion: 130 Resp: 16962

Ion Ratio Lower Upper

130 100

95 105.7 0.0 200.0

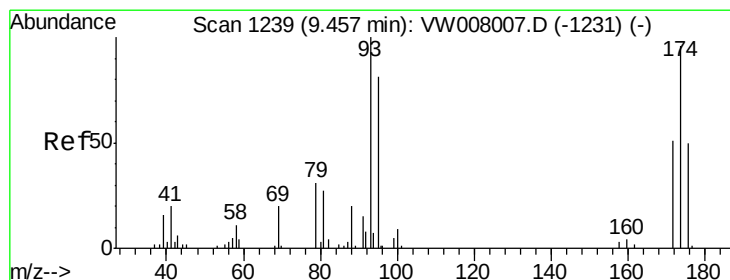
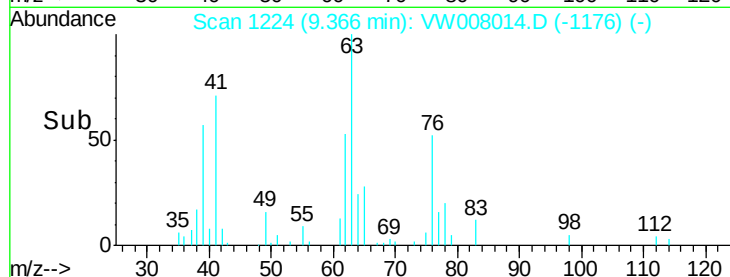
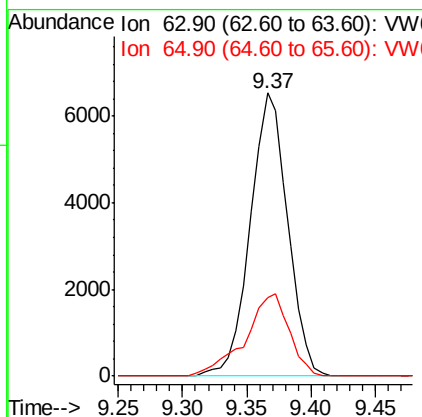
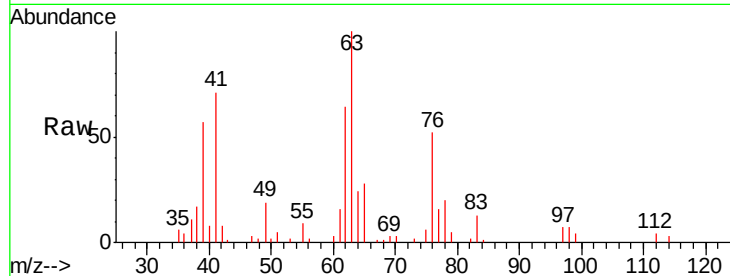




#45
 1,2-Dichloropropane
 Concen: 20.101 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

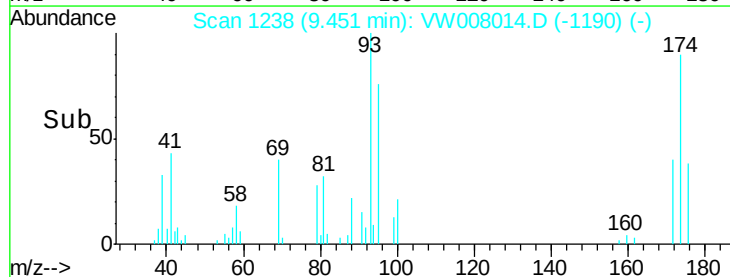
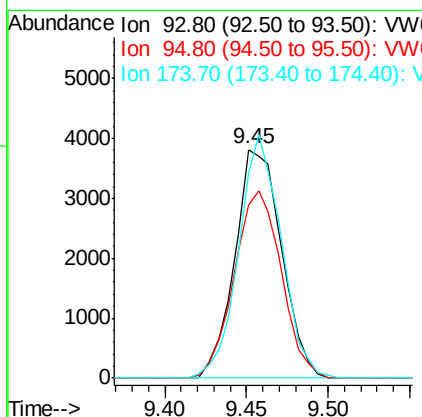
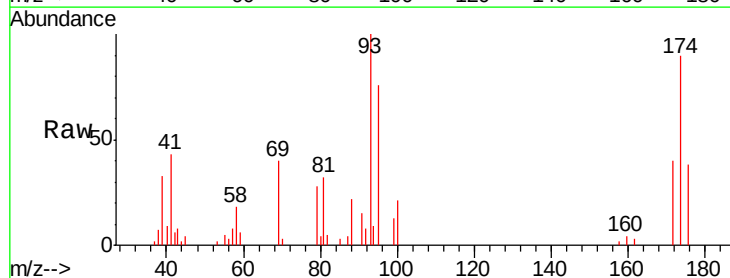
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

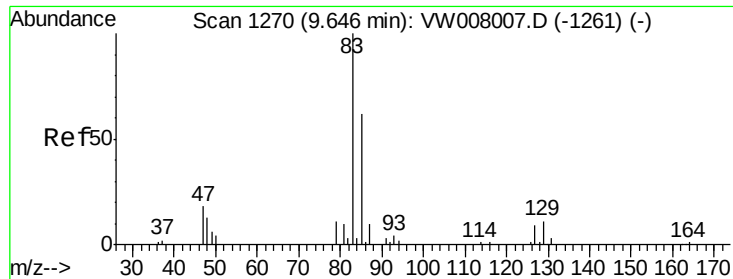
Tgt Ion: 63 Resp: 13088
 Ion Ratio Lower Upper
 63 100
 65 27.7 24.2 36.4



#46
 Dibromomethane
 Concen: 19.948 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 93 Resp: 7594
 Ion Ratio Lower Upper
 93 100
 95 82.2 63.9 95.9
 174 97.2 79.0 118.6





#47

Bromodichloromethane

Concen: 19.112 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

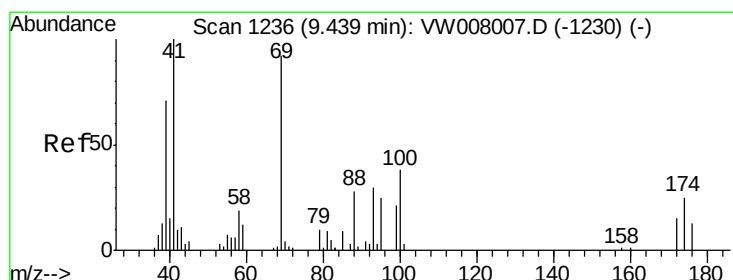
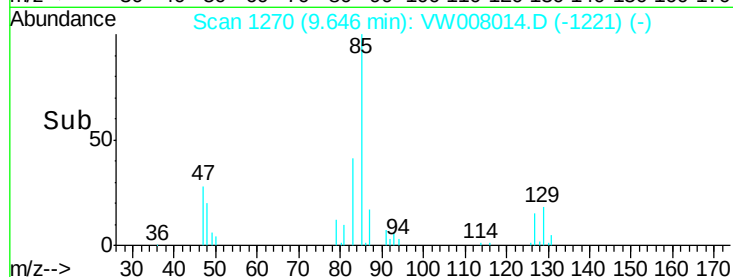
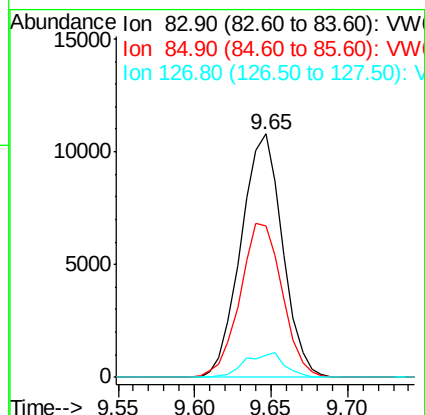
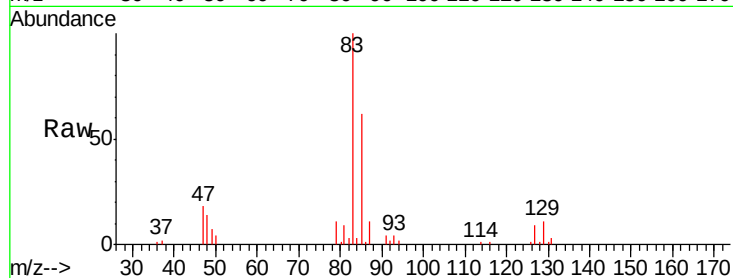
Tgt Ion: 83 Resp: 20378

Ion Ratio Lower Upper

83 100

85 62.2 49.5 74.3

127 9.3 7.5 11.3



#48

Methyl methacrylate

Concen: 20.442 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

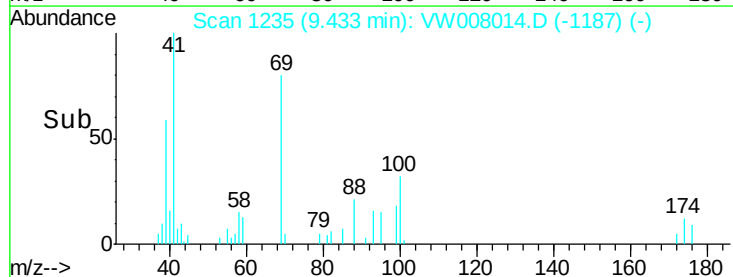
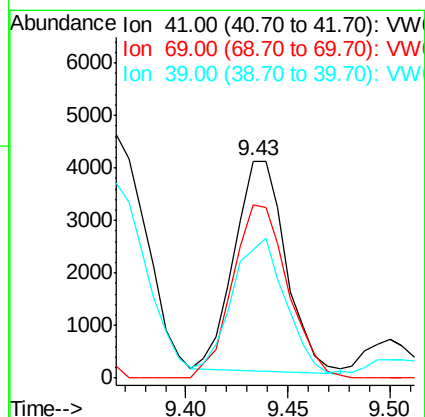
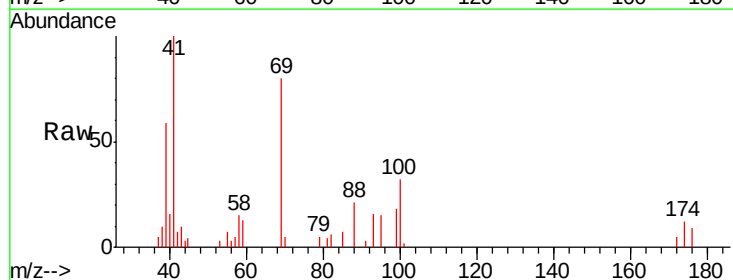
Tgt Ion: 41 Resp: 7054

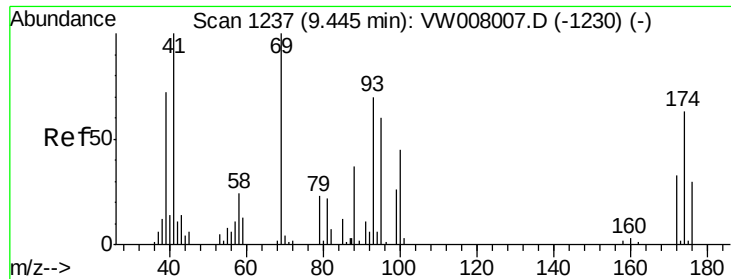
Ion Ratio Lower Upper

41 100

69 88.1 72.3 108.5

39 65.6 58.7 88.1





#49

1,4-Dioxane

Concen: 400.451 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

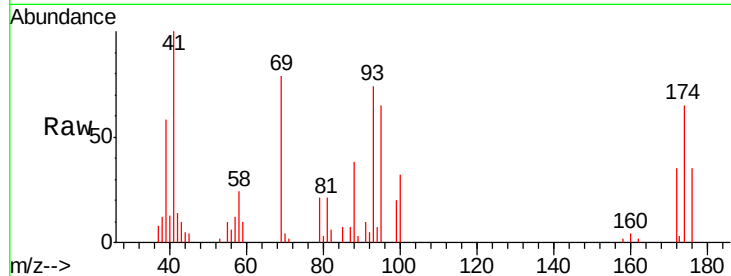
Tgt Ion: 88 Resp: 2256

Ion Ratio Lower Upper

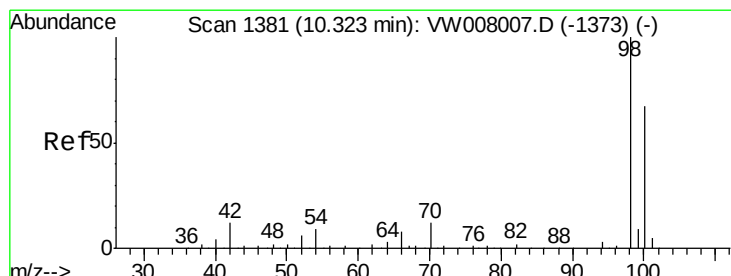
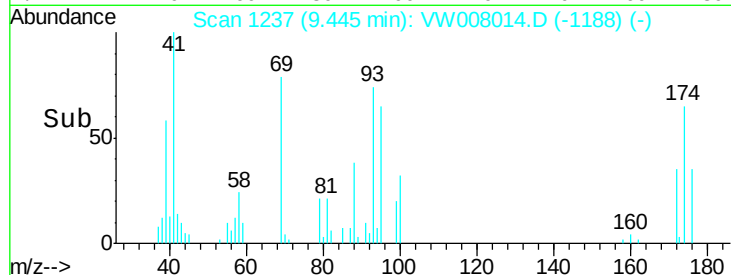
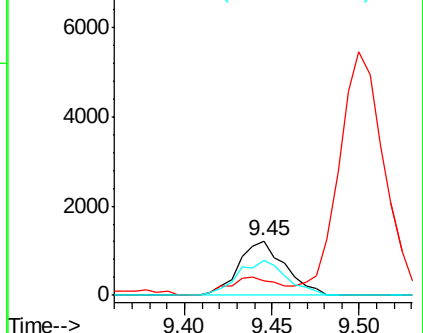
88 100

43 37.3 26.8 40.2

58 68.1 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.067 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008014.D

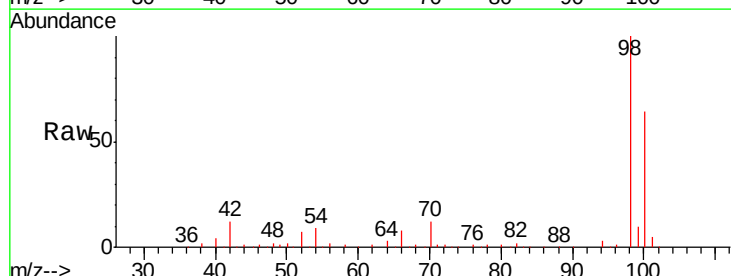
Acq: 03 Jan 2019 12:17

Tgt Ion: 98 Resp: 145063

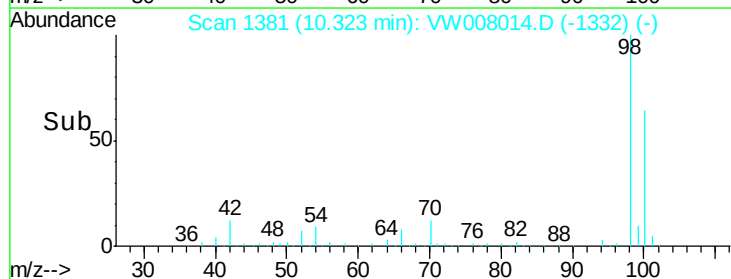
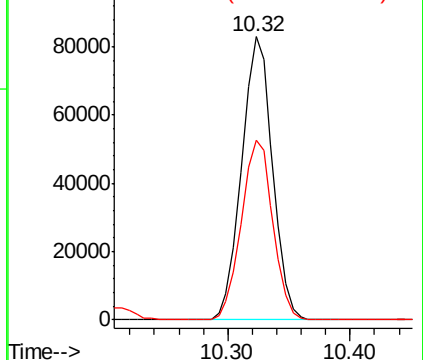
Ion Ratio Lower Upper

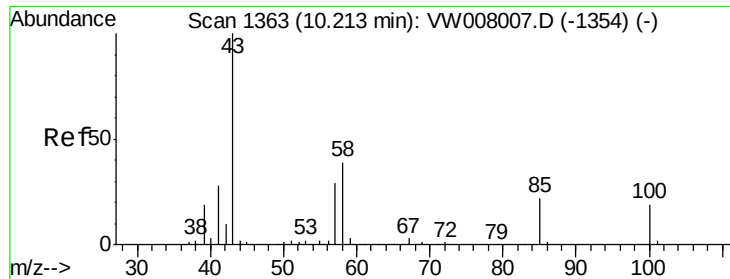
98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

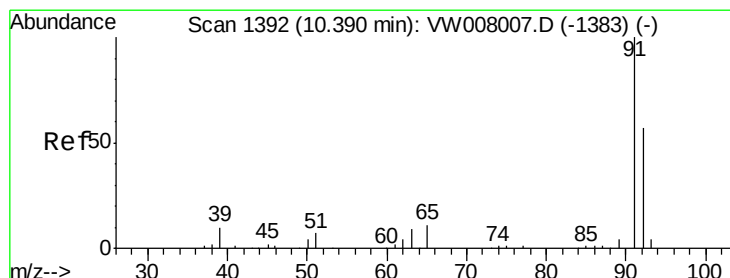
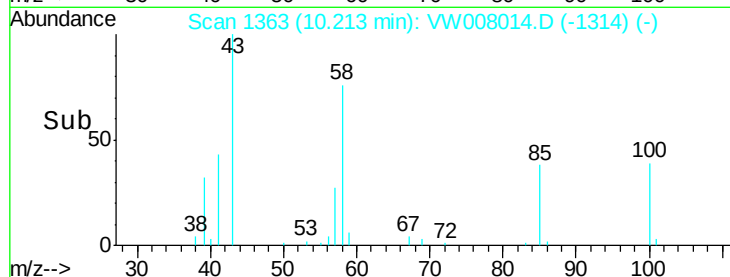
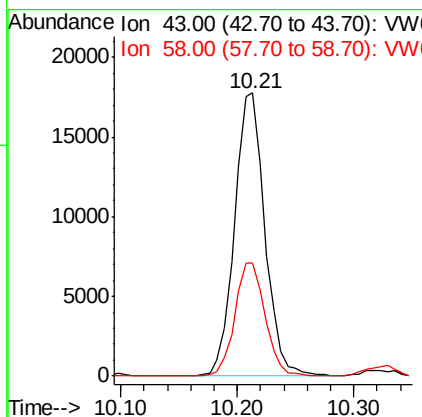
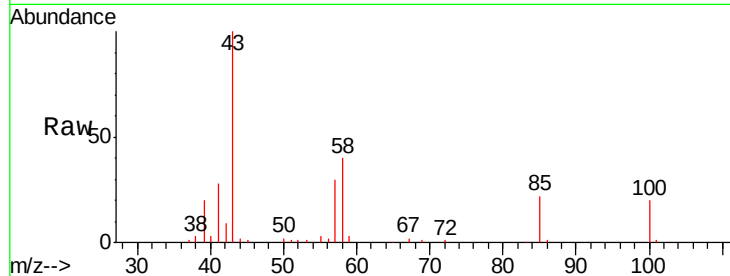




#51
4-Methyl-2-Pentanone
Concen: 101.749 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

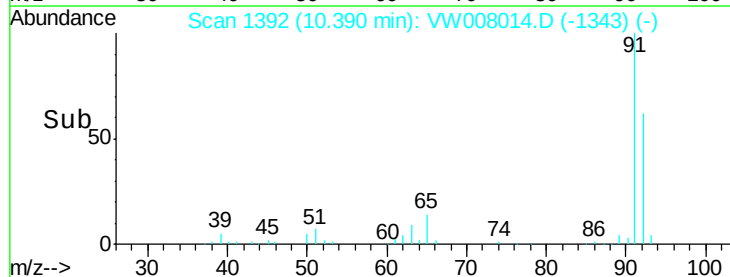
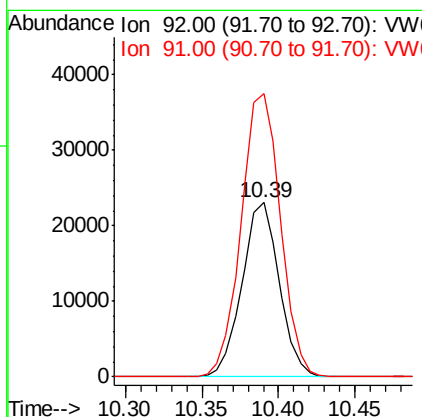
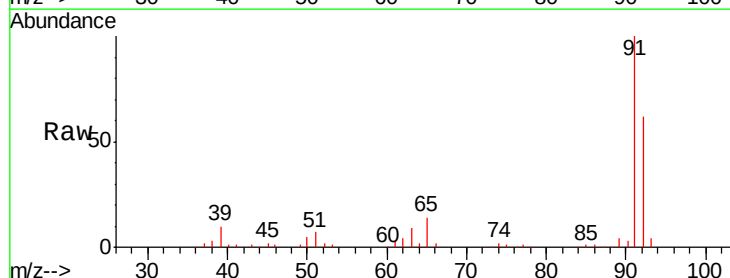
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

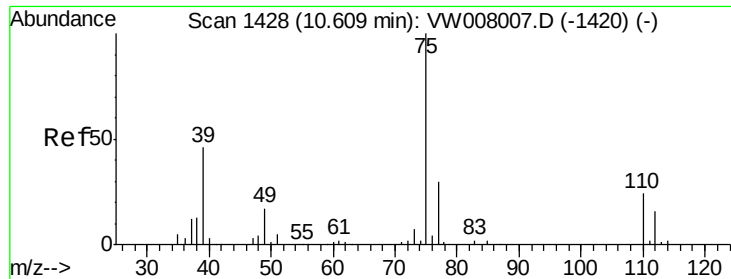
Tgt Ion: 43 Resp: 32233
Ion Ratio Lower Upper
43 100
58 40.0 32.0 48.0



#52
Toluene
Concen: 19.662 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 92 Resp: 39048
Ion Ratio Lower Upper
92 100
91 171.3 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 19.778 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

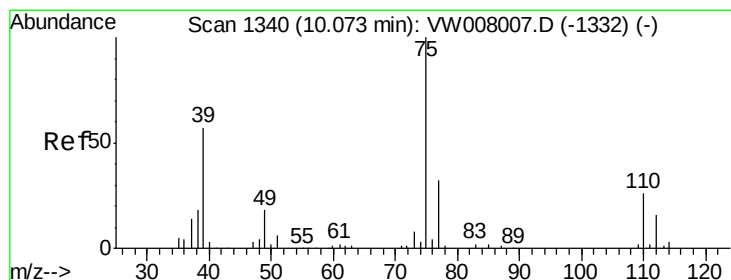
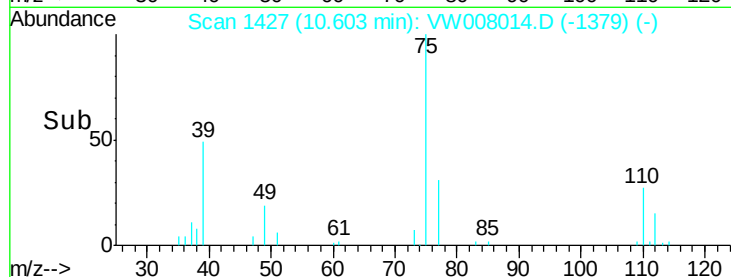
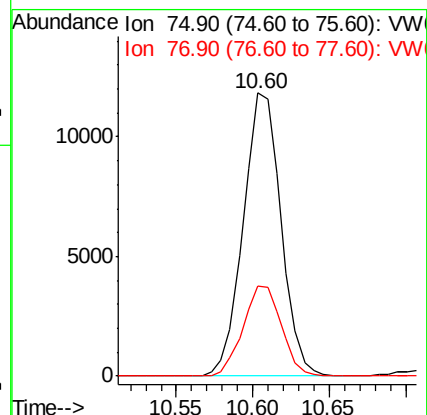
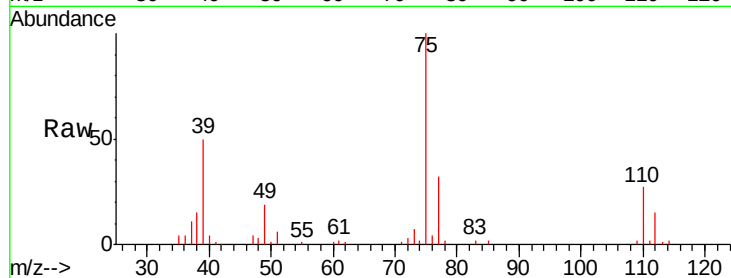
VW0103SBS01

Tgt Ion: 75 Resp: 20278

Ion Ratio Lower Upper

75 100

77 31.7 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 19.675 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

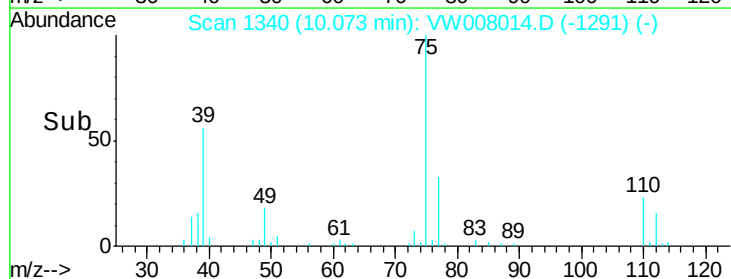
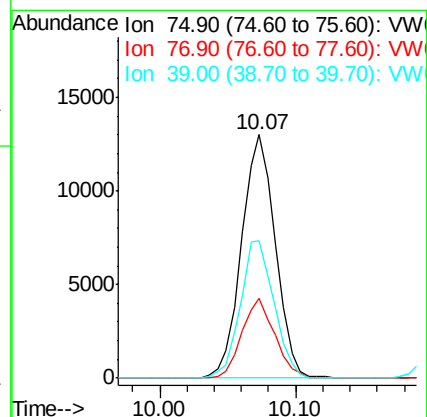
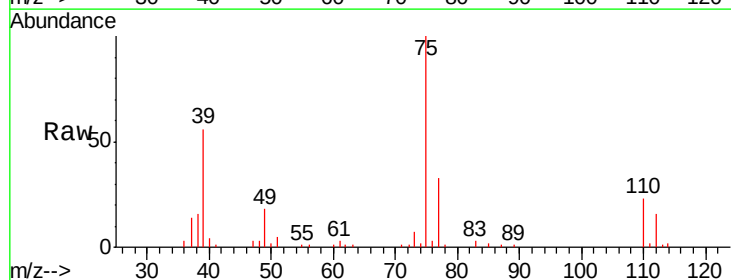
Tgt Ion: 75 Resp: 22510

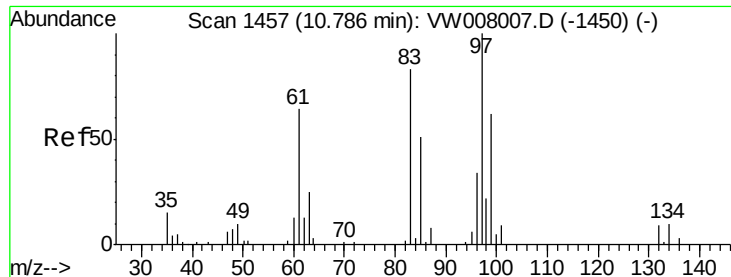
Ion Ratio Lower Upper

75 100

77 32.5 25.9 38.9

39 56.2 45.4 68.0

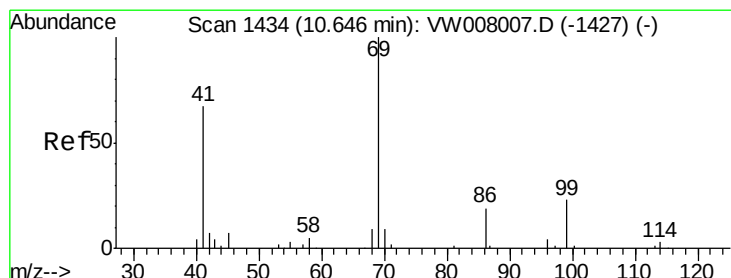
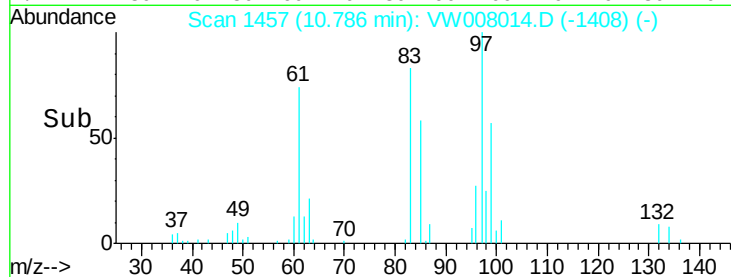
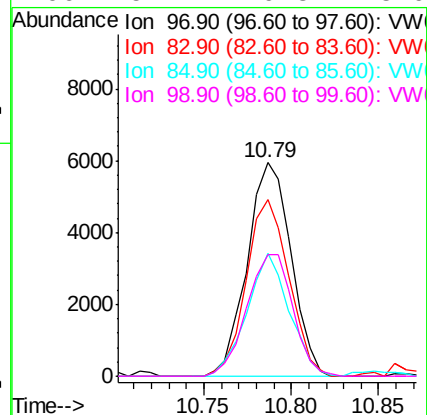
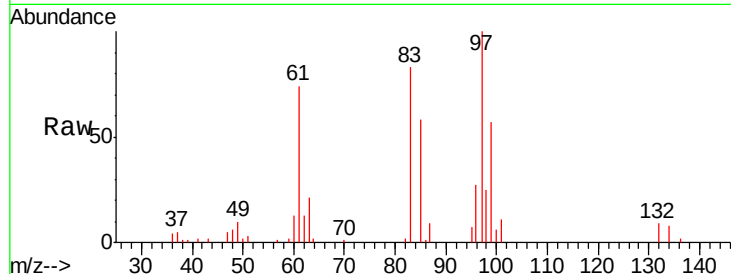




#55
 1,1,2-Trichloroethane
 Concen: 20.074 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

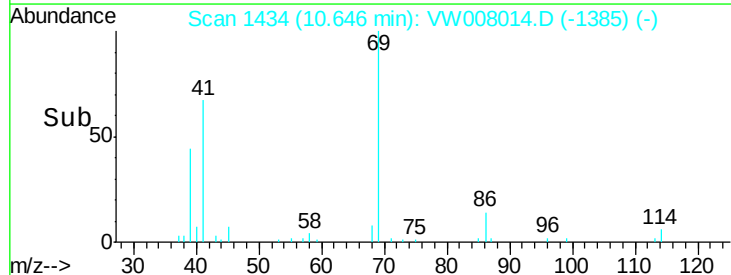
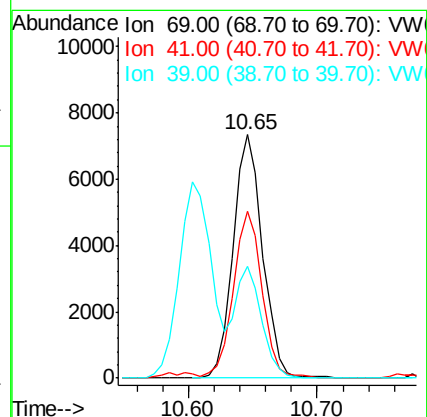
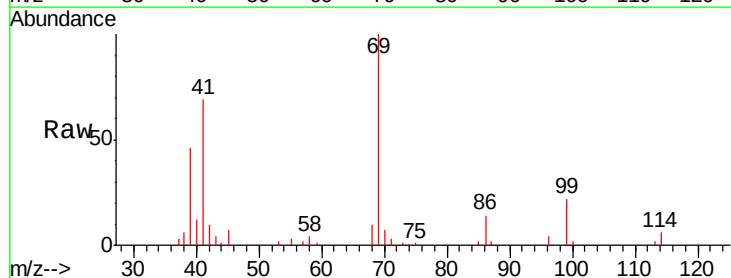
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

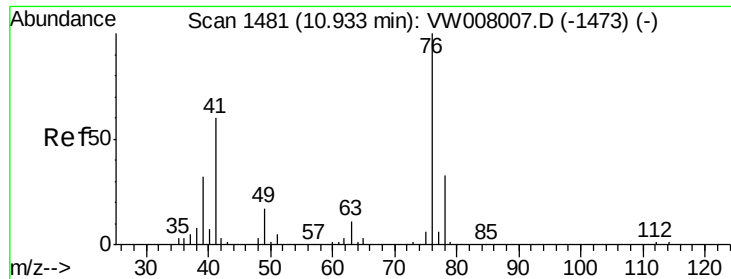
Tgt Ion:	97	Resp:	10347
Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.2	99.2
85	57.8	41.0	61.4
99	57.2	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 20.074 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion:	69	Resp:	11697
Ion	Ratio	Lower	Upper
69	100		
41	67.5	52.6	79.0
39	42.1	35.8	53.6

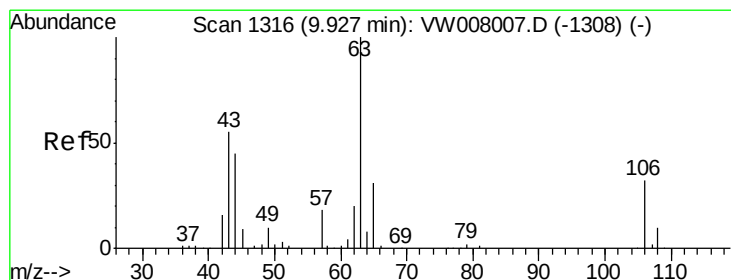
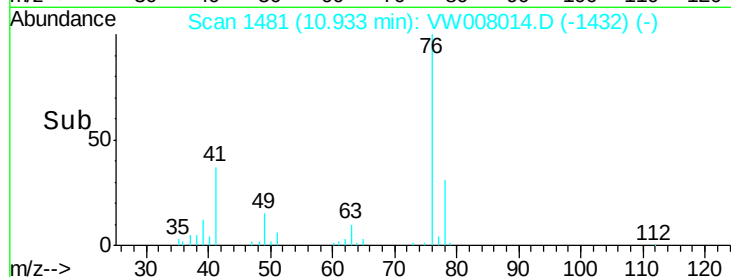
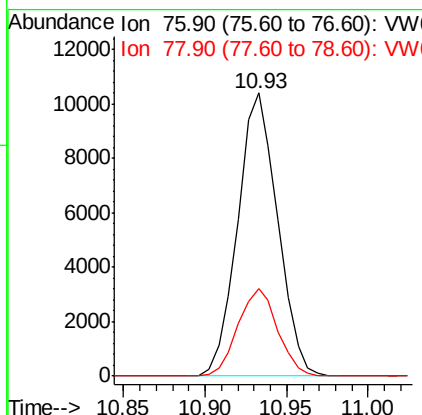
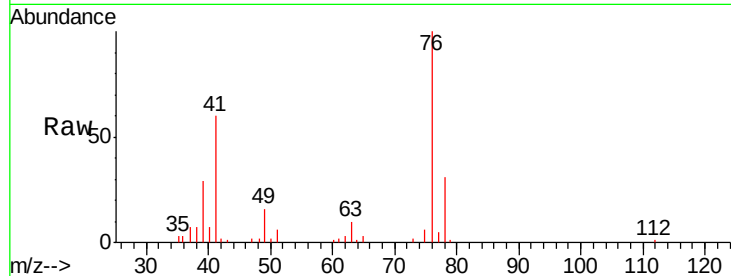




#57
 1,3-Dichloropropane
 Concen: 20.227 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

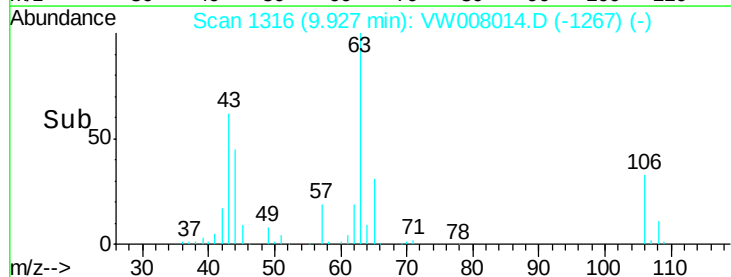
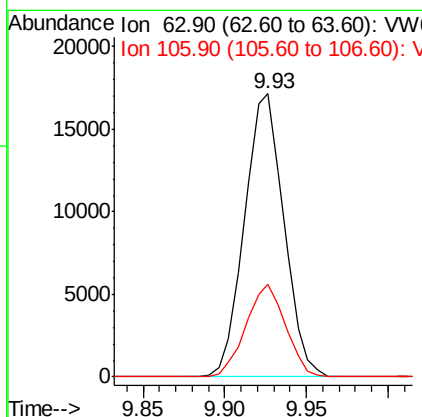
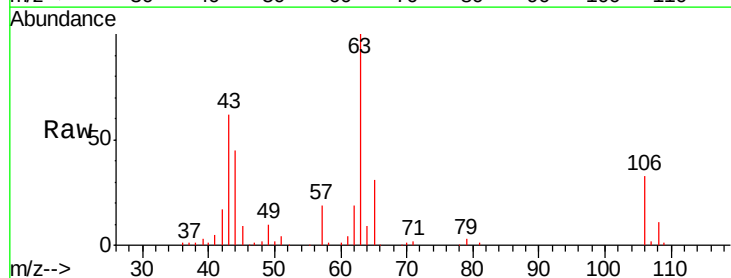
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

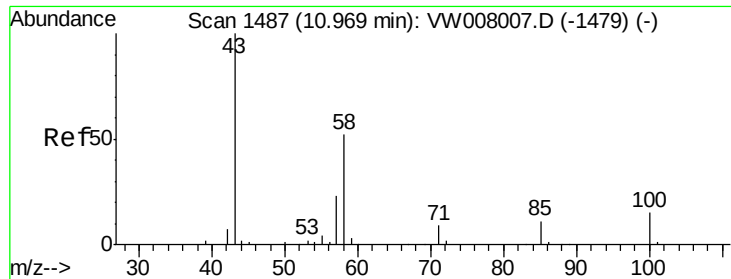
Tgt Ion: 76 Resp: 17715
 Ion Ratio Lower Upper
 76 100
 78 30.6 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.404 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 63 Resp: 28852
 Ion Ratio Lower Upper
 63 100
 106 33.0 26.9 40.3

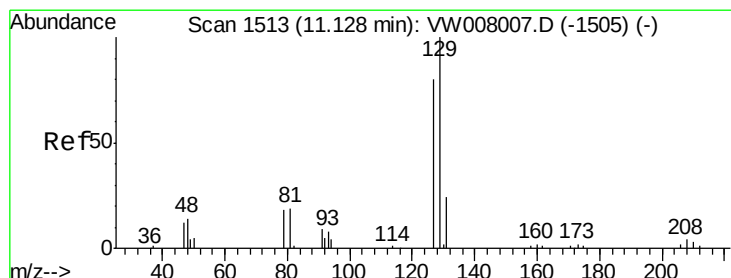
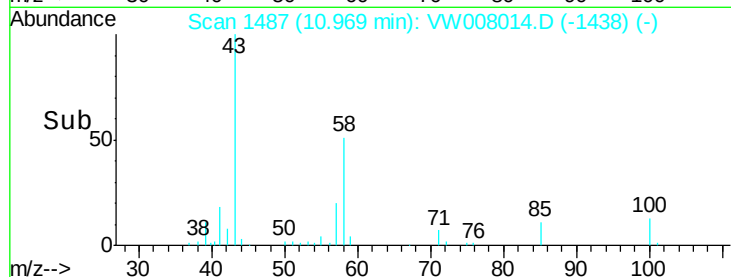
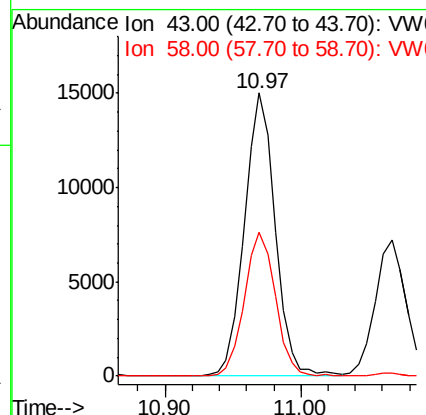
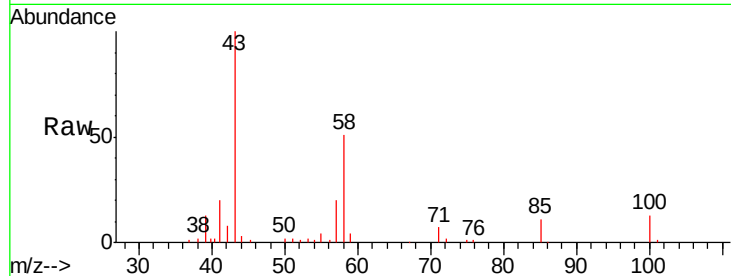




#59
2-Hexanone
Concen: 108.693 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

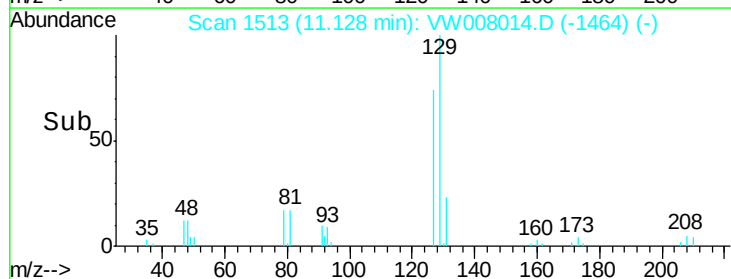
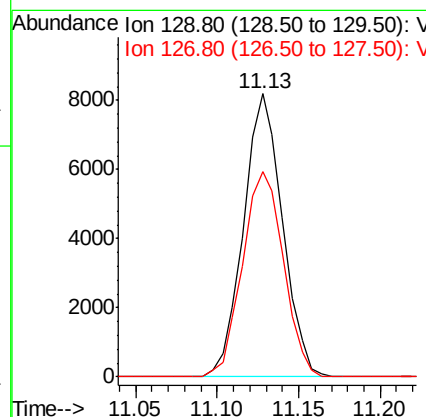
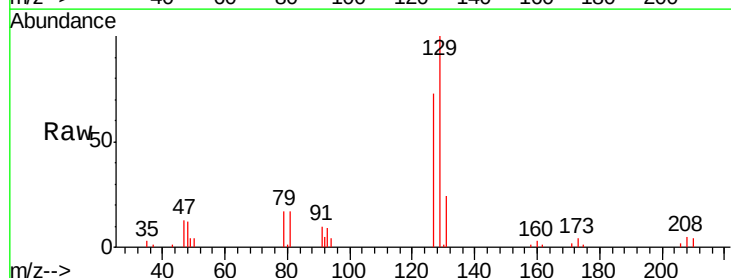
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

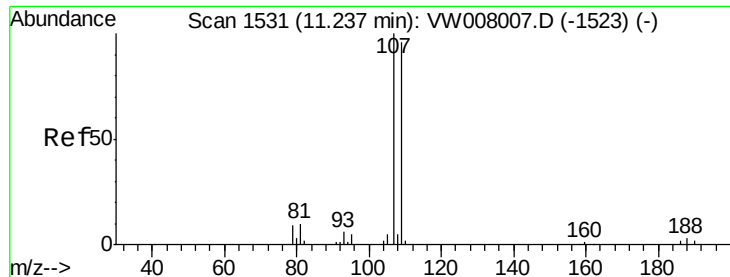
Tgt Ion: 43 Resp: 23771
Ion Ratio Lower Upper
43 100
58 51.1 27.1 81.2



#60
Dibromochloromethane
Concen: 19.323 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 129 Resp: 13633
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.532 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

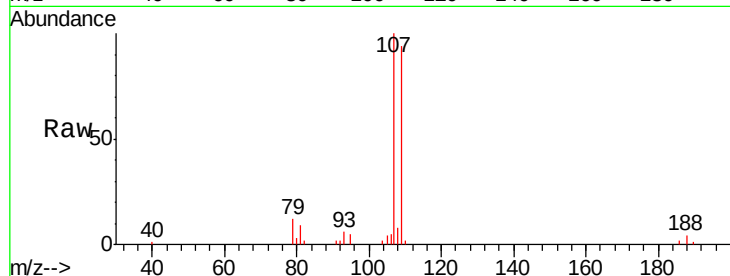
VW0103SBS01

Tgt Ion: 107 Resp: 10075

Ion Ratio Lower Upper

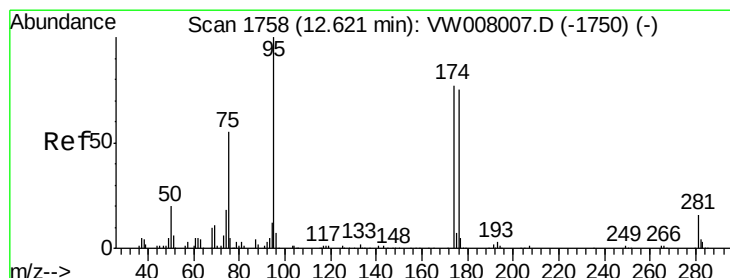
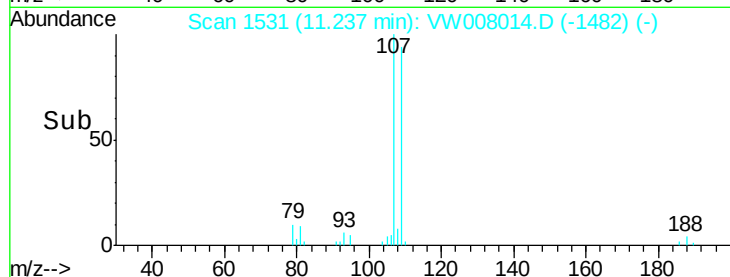
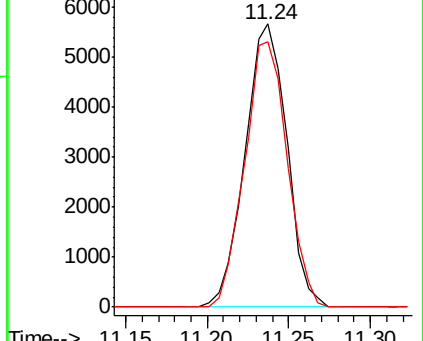
107 100

109 95.6 77.2 115.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.407 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

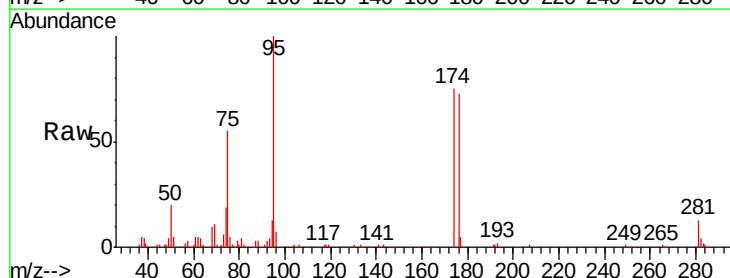
Tgt Ion: 95 Resp: 54940

Ion Ratio Lower Upper

95 100

174 75.3 0.0 149.6

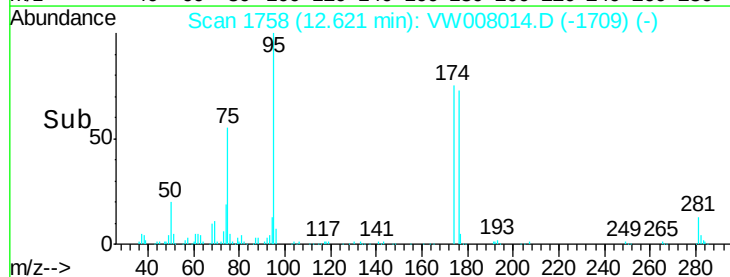
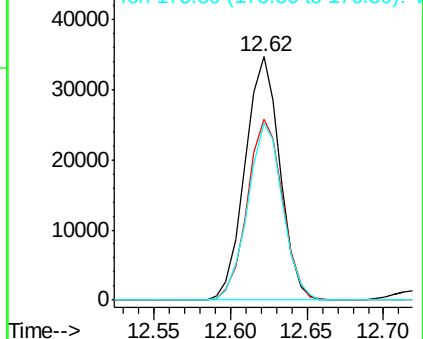
176 72.8 0.0 145.4

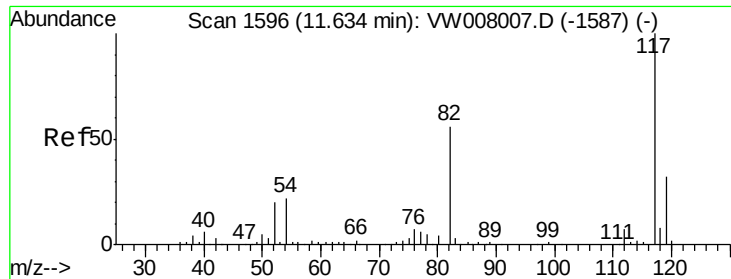


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

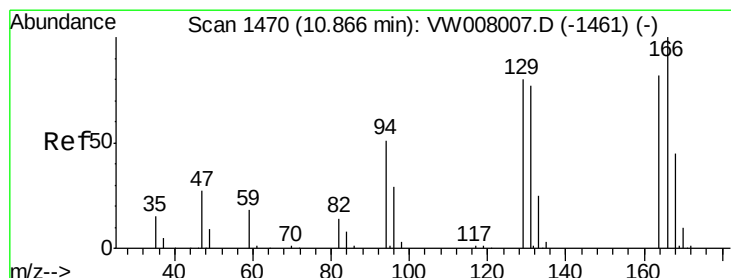
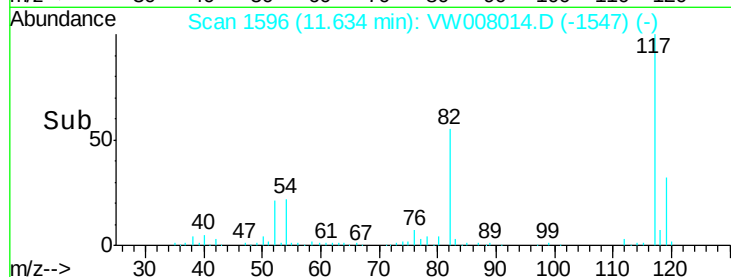
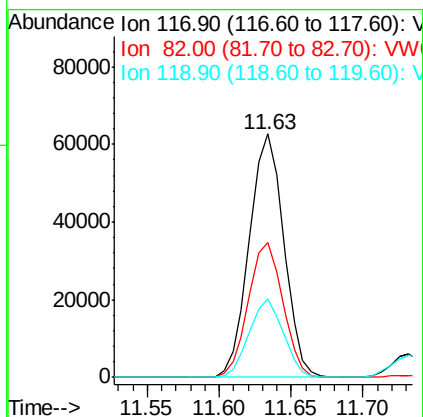
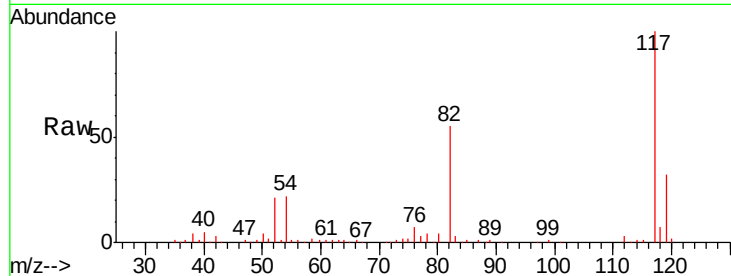




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

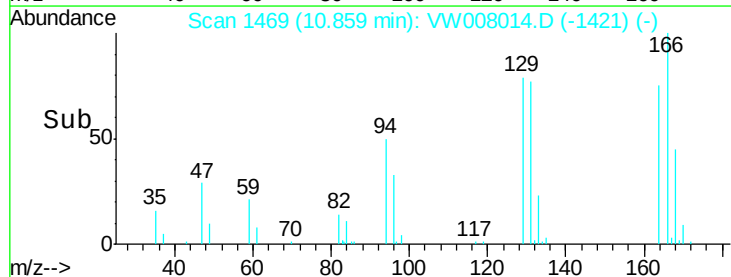
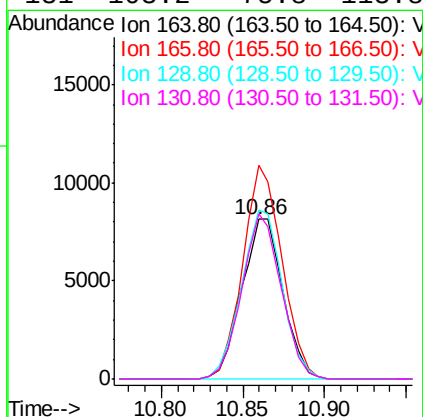
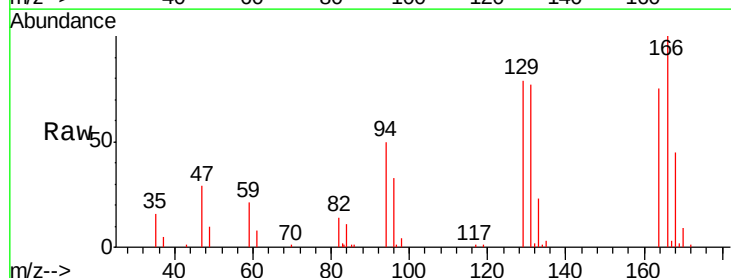
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

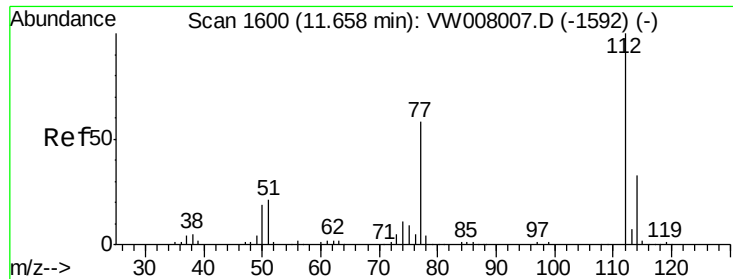
Tgt Ion:117 Resp: 103884
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 19.931 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion:164 Resp: 14302
Ion Ratio Lower Upper
164 100
166 133.7 98.1 147.1
129 105.4 78.0 117.0
131 103.2 75.8 113.8

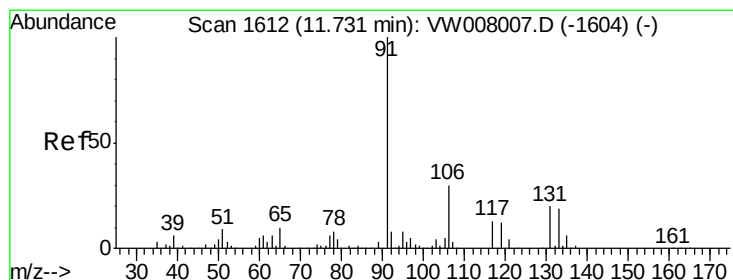
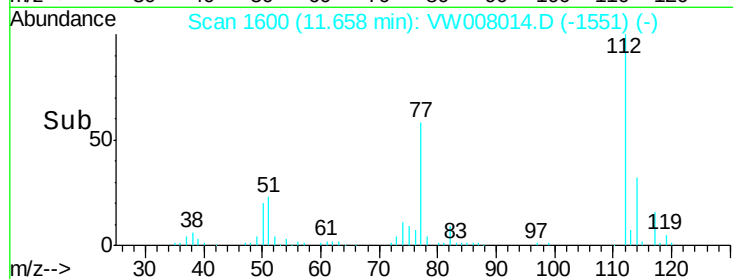
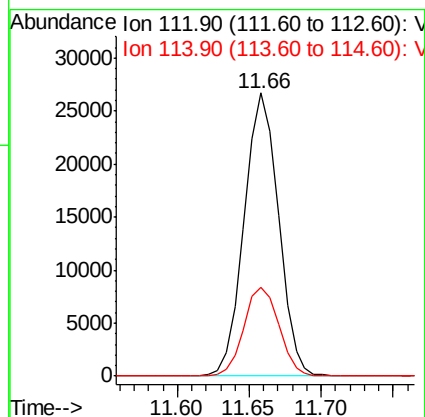
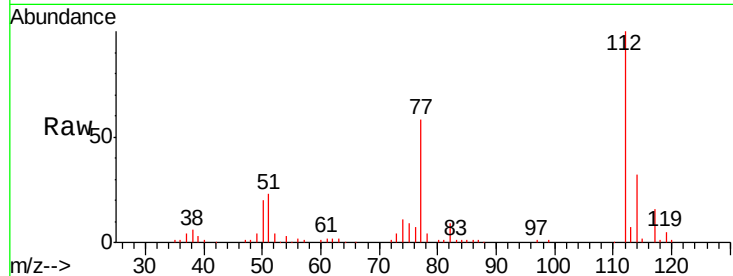




#65
Chlorobenzene
Concen: 19.867 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

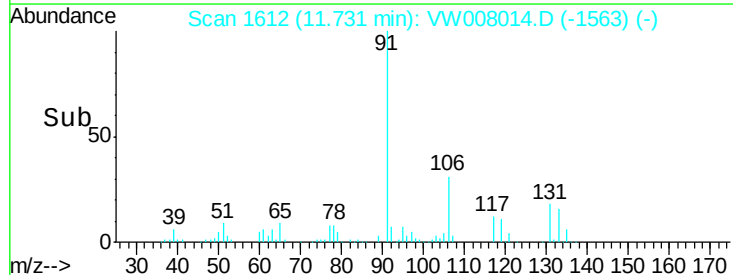
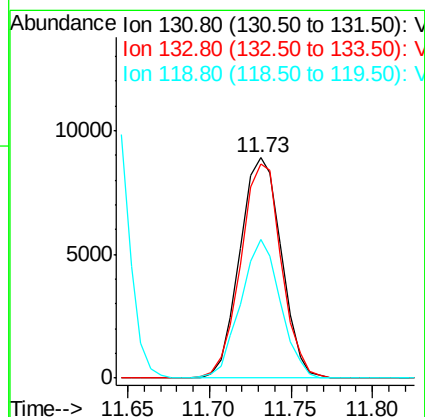
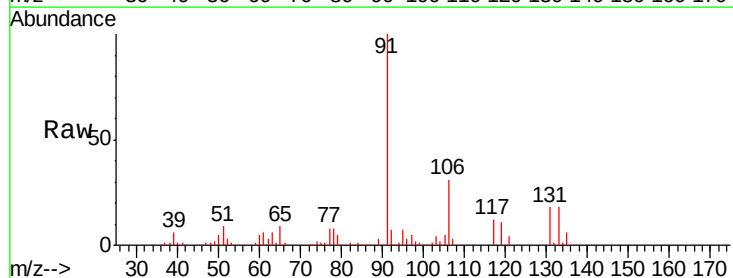
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

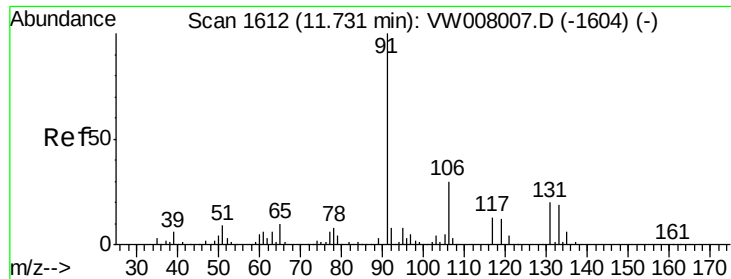
Tgt Ion:112 Resp: 44110
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.650 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion:131 Resp: 15799
Ion Ratio Lower Upper
131 100
133 95.5 49.1 147.3
119 60.5 30.6 91.6

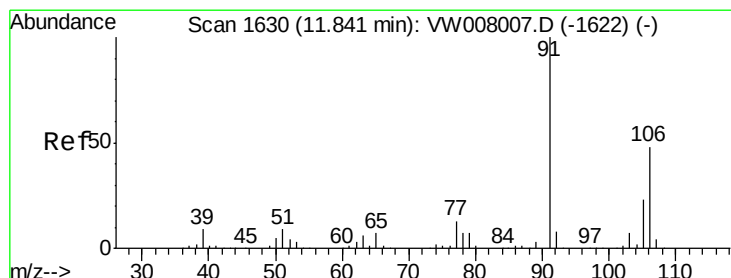
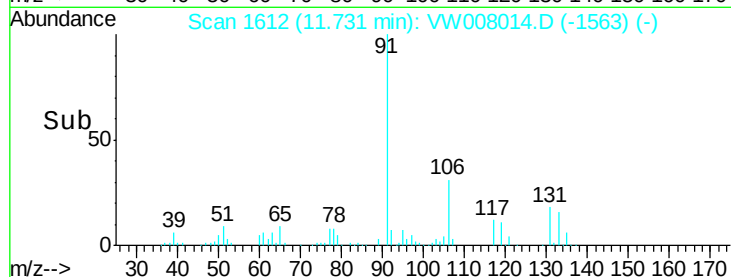
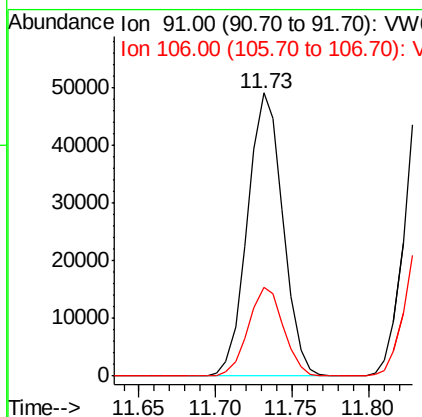
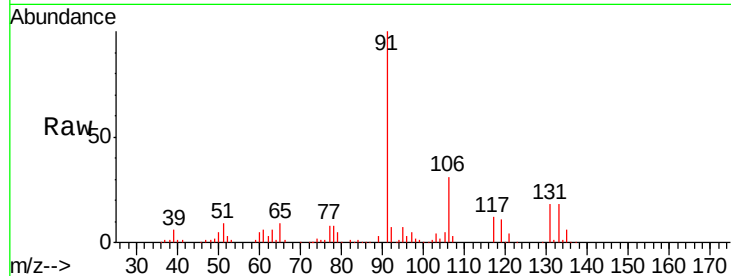




#67
Ethyl Benzene
Concen: 20.017 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

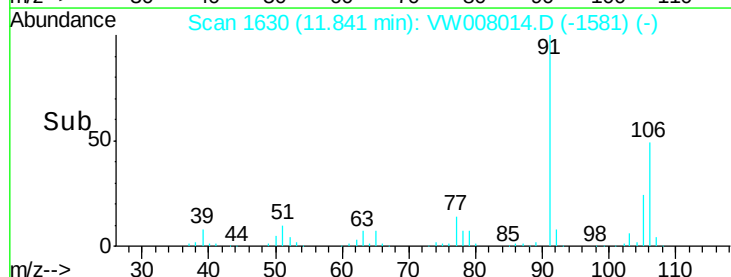
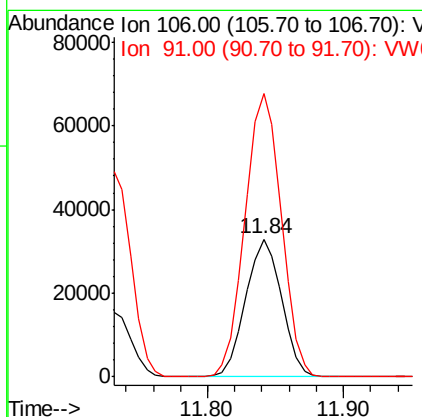
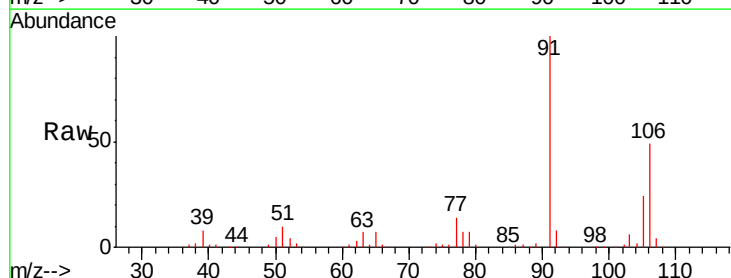
Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

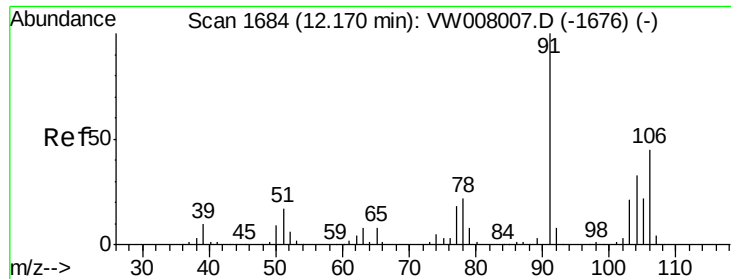
Tgt Ion: 91 Resp: 78884
Ion Ratio Lower Upper
91 100
106 31.3 24.3 36.5



#68
m/p-Xylenes
Concen: 40.074 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion: 106 Resp: 61055
Ion Ratio Lower Upper
106 100
91 208.0 165.8 248.8

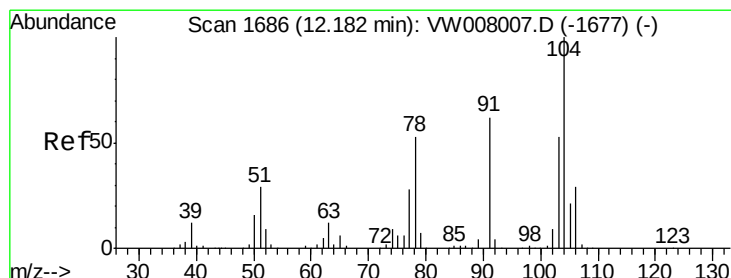
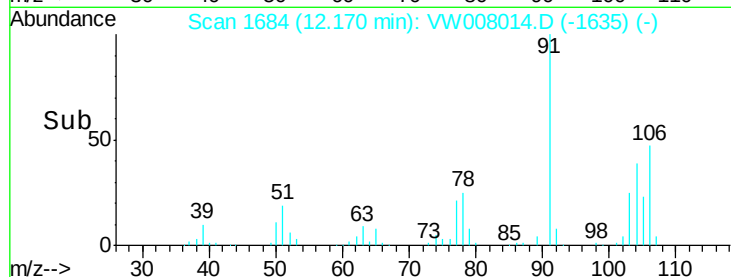
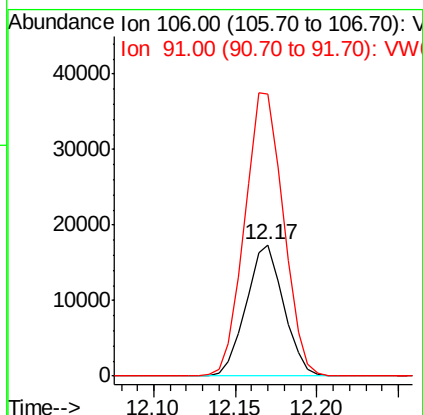
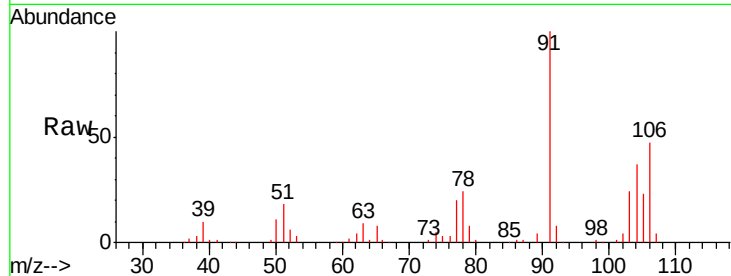




#69
o-Xylene
Concen: 19.712 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

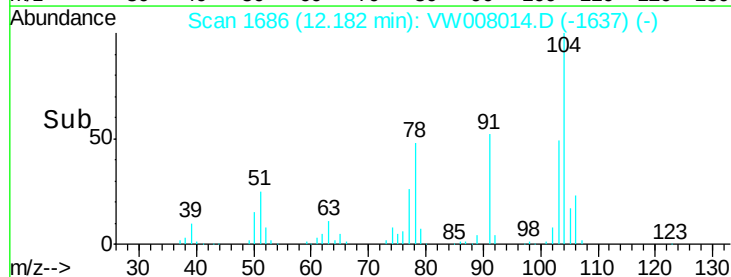
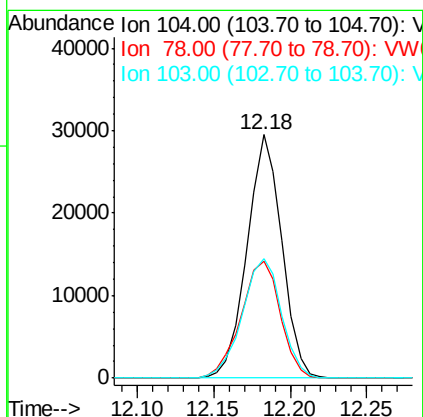
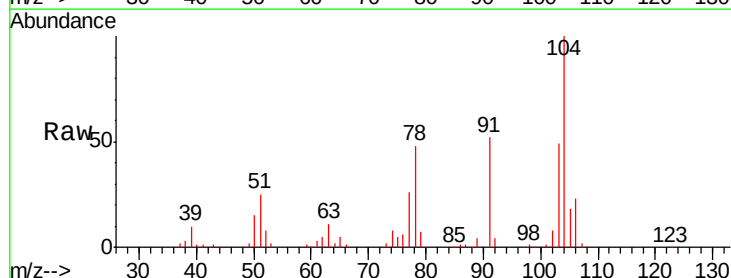
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

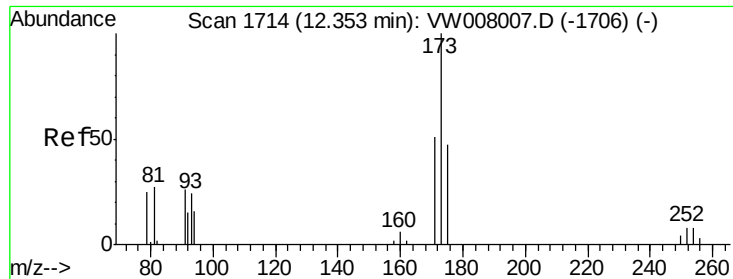
Tgt Ion:106 Resp: 27945
Ion Ratio Lower Upper
106 100
91 222.4 110.6 331.6



#70
Styrene
Concen: 20.158 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion:104 Resp: 46579
Ion Ratio Lower Upper
104 100
78 54.5 44.0 66.0
103 55.5 44.6 66.8





#71

Bromoform

Concen: 20.467 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

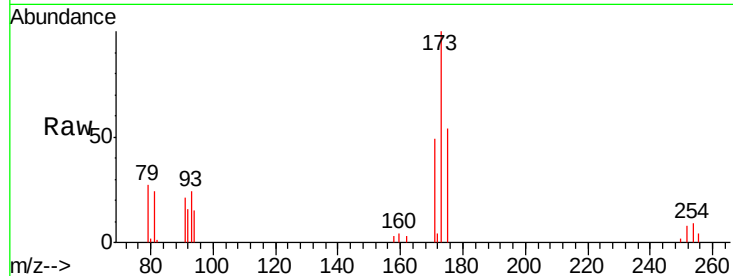
Tgt Ion:173 Resp: 7624

Ion Ratio Lower Upper

173 100

175 51.1 23.6 71.0

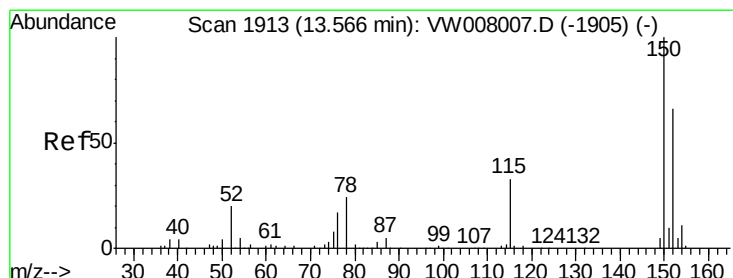
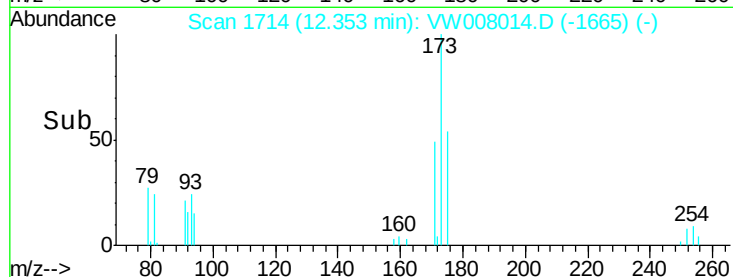
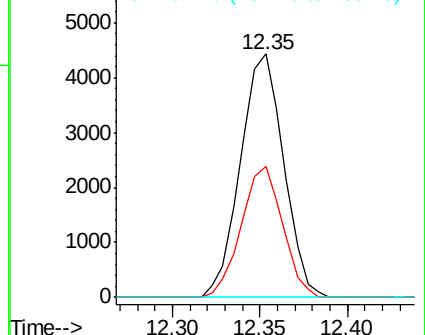
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

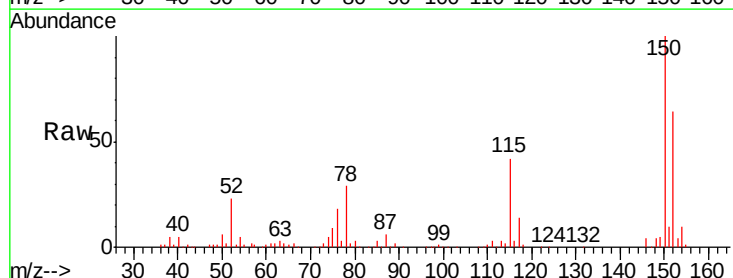
Tgt Ion:152 Resp: 51761

Ion Ratio Lower Upper

152 100

115 64.0 32.1 96.5

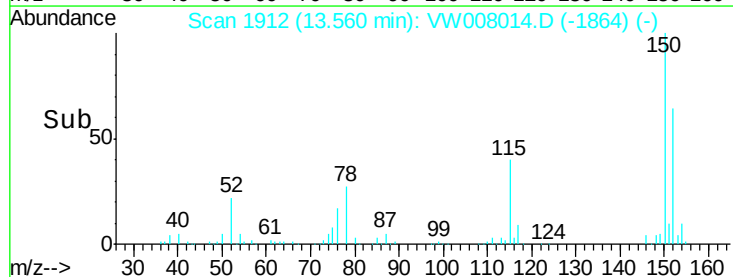
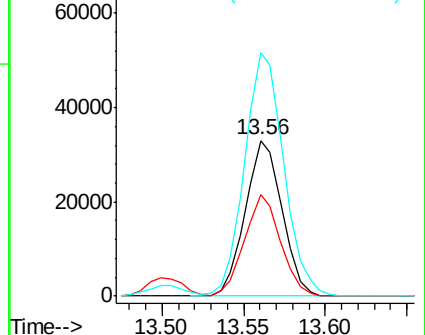
150 166.8 0.0 345.0

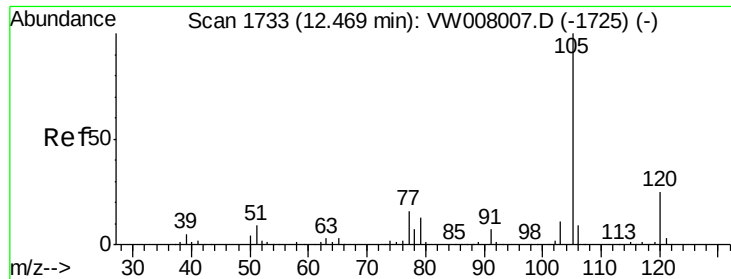


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.846 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

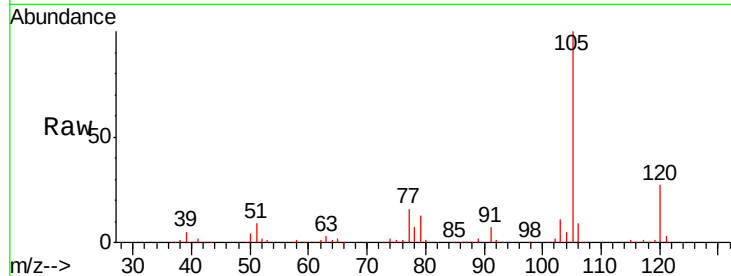
VW0103SBS01

Tgt Ion: 105 Resp: 81683

Ion Ratio Lower Upper

105 100

120 26.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

60000

50000

40000

30000

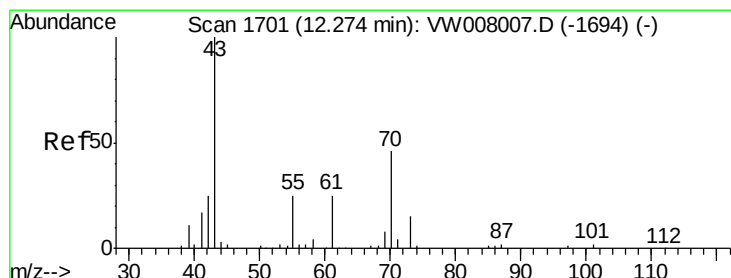
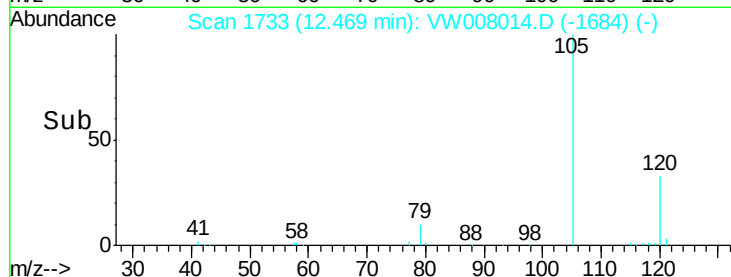
20000

10000

0

Time-->

12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 21.102 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Tgt Ion: 43 Resp: 13520

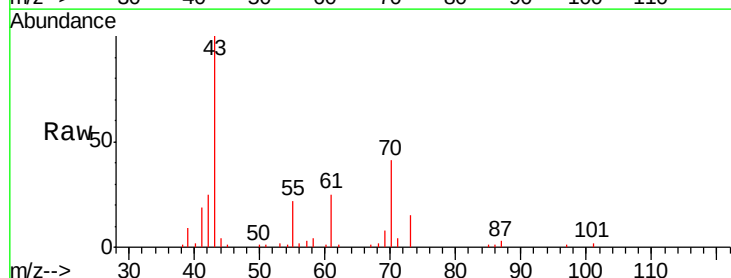
Ion Ratio Lower Upper

43 100

70 42.4 35.2 52.8

55 25.4 21.4 32.0

61 23.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.27

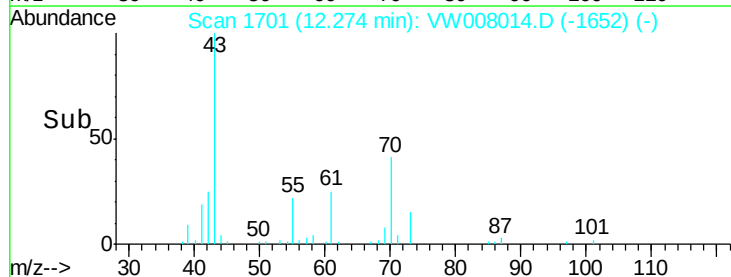
10000

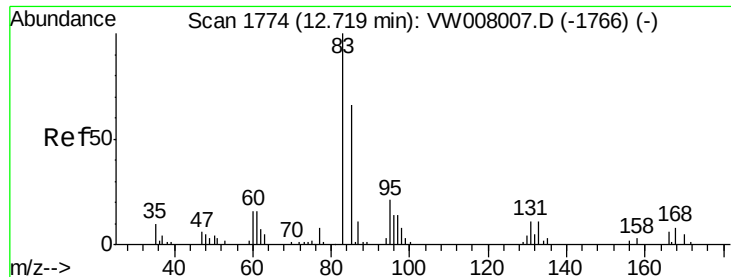
5000

0

Time-->

12.20 12.25 12.30

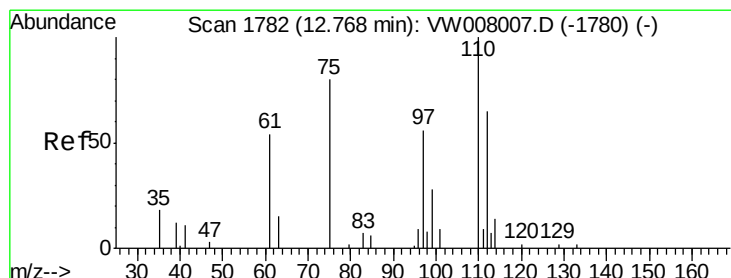
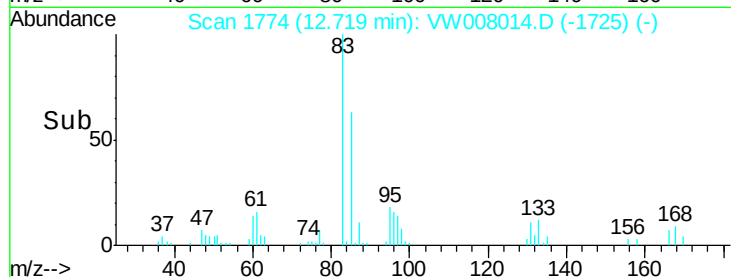
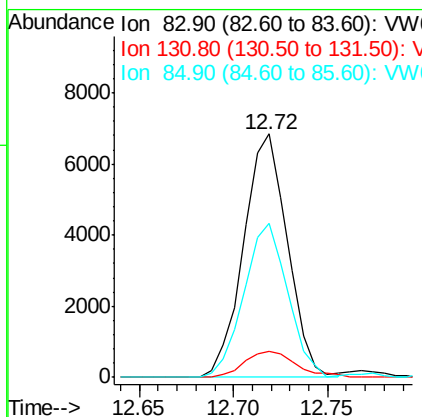
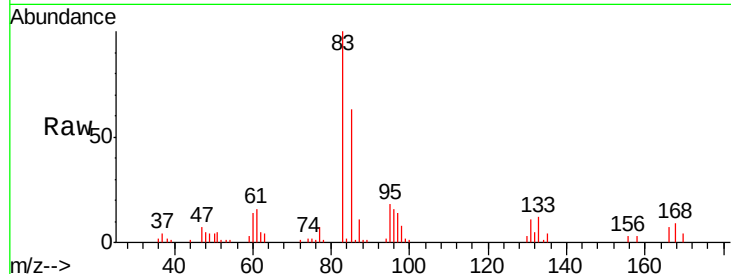




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.134 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

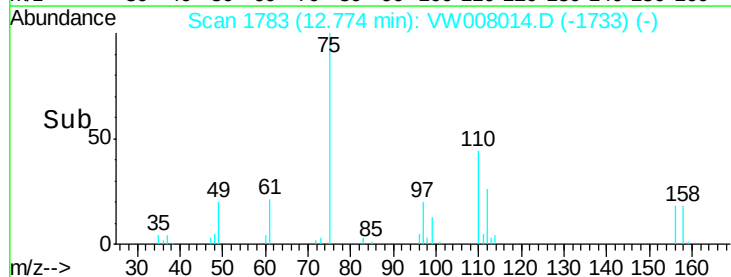
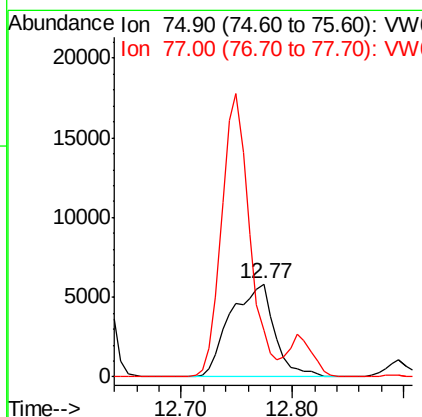
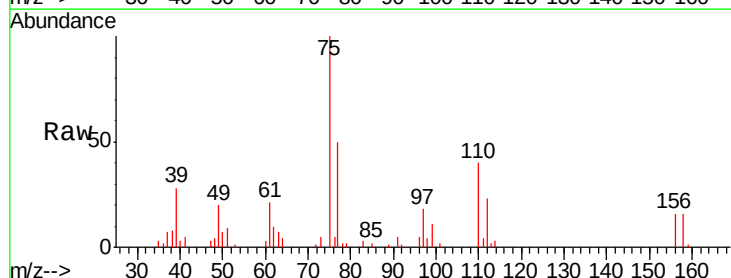
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

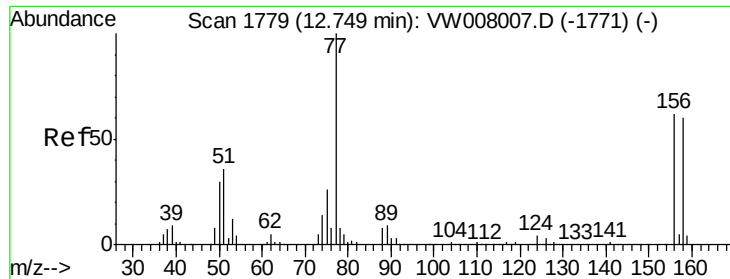
Tgt Ion: 83 Resp: 11068
 Ion Ratio Lower Upper
 83 100
 131 12.6 6.5 19.5
 85 63.3 32.8 98.3



#76
 1,2,3-Trichloropropane
 Concen: 39.173 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 75 Resp: 16131
 Ion Ratio Lower Upper
 75 100
 77 0.0 186.2 558.6#





#77

Bromobenzene

Concen: 19.683 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

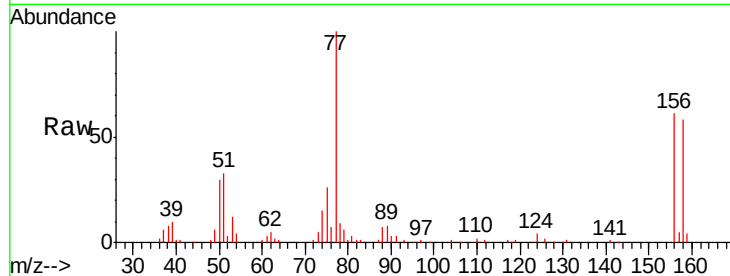
Tgt Ion:156 Resp: 17413

Ion Ratio Lower Upper

156 100

77 179.3 87.9 263.8

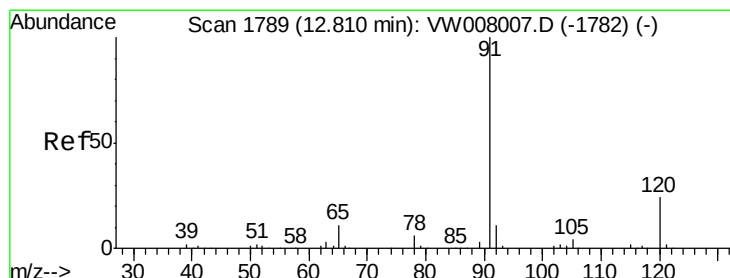
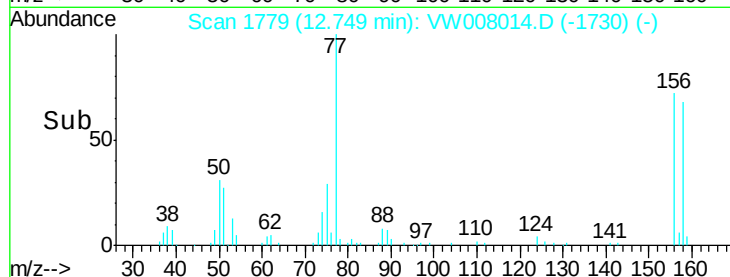
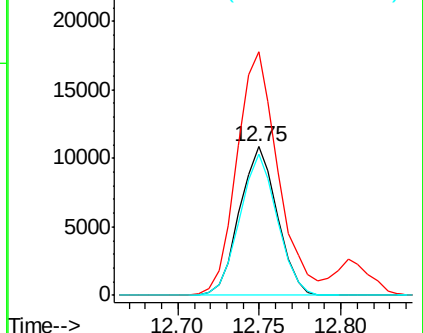
158 94.8 47.8 143.4



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: 19.971 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008014.D

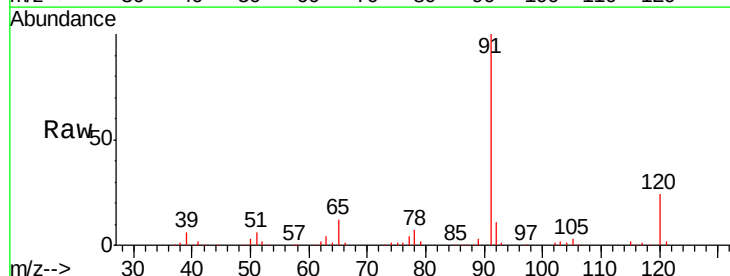
Acq: 03 Jan 2019 12:17

Tgt Ion: 91 Resp: 95303

Ion Ratio Lower Upper

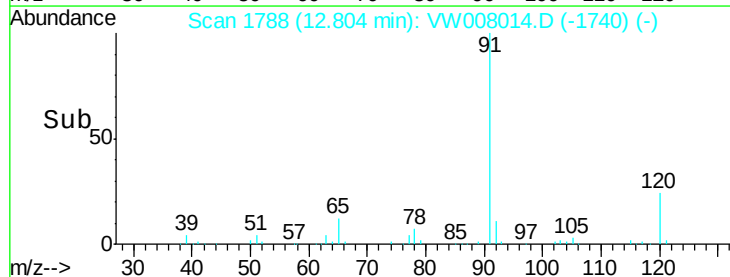
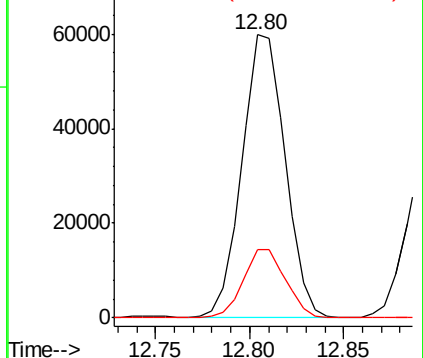
91 100

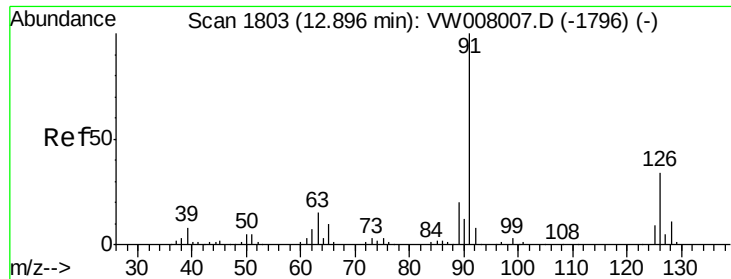
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.909 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

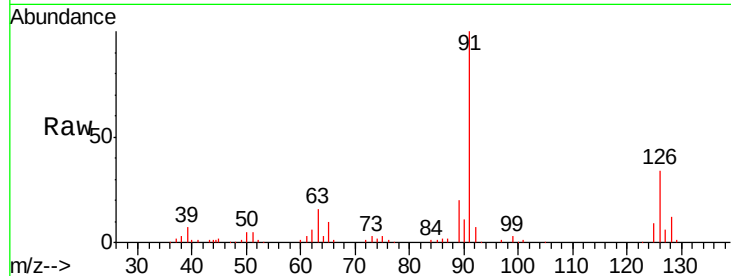
VW0103SBS01

Tgt Ion: 91 Resp: 54910

Ion Ratio Lower Upper

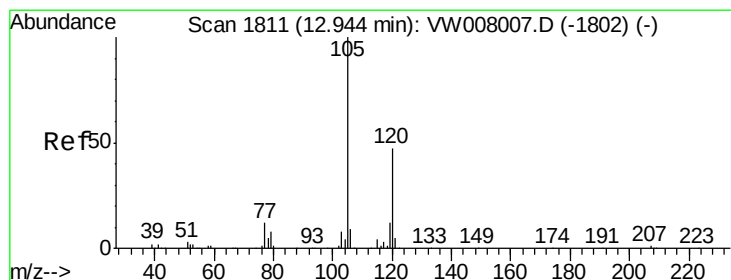
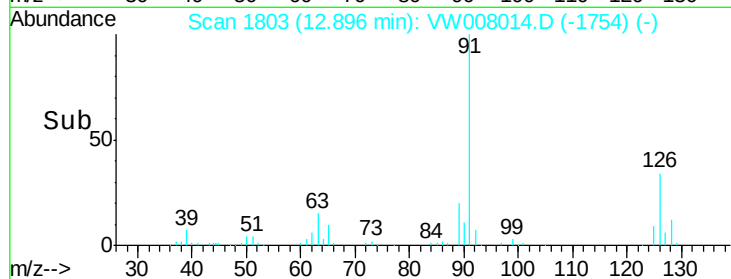
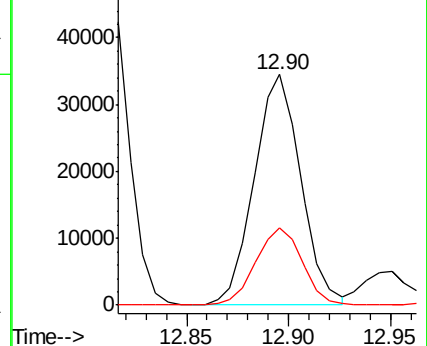
91 100

126 33.5 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.061 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008014.D

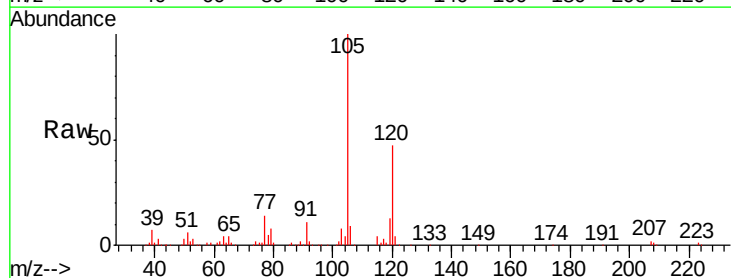
Acq: 03 Jan 2019 12:17

Tgt Ion: 105 Resp: 71075

Ion Ratio Lower Upper

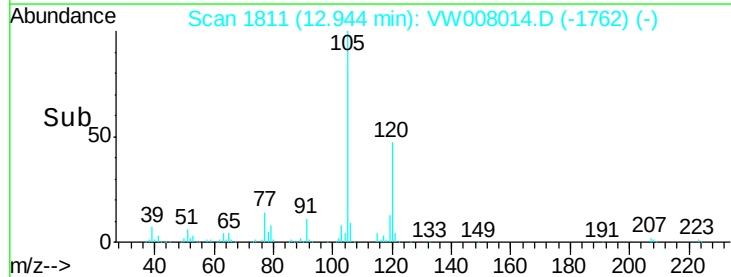
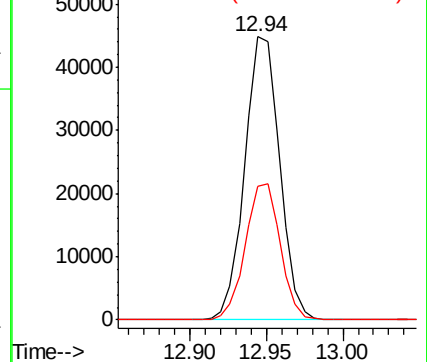
105 100

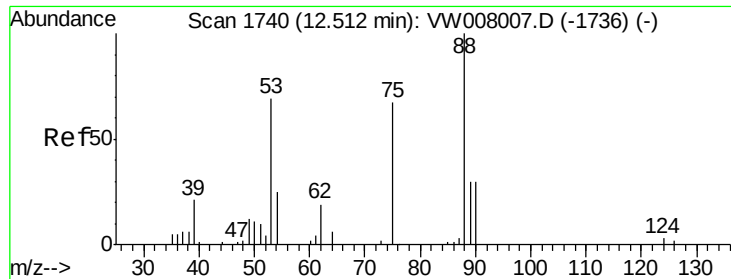
120 47.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.893 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

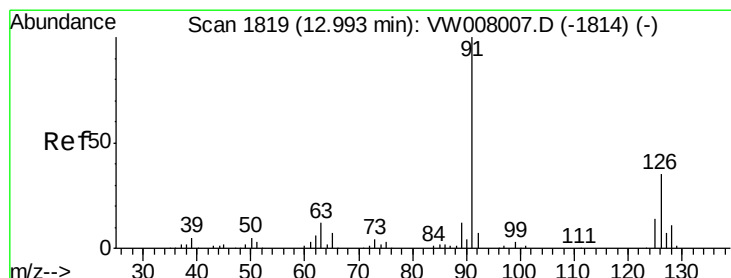
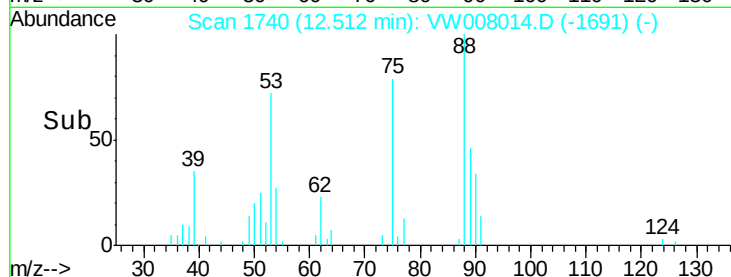
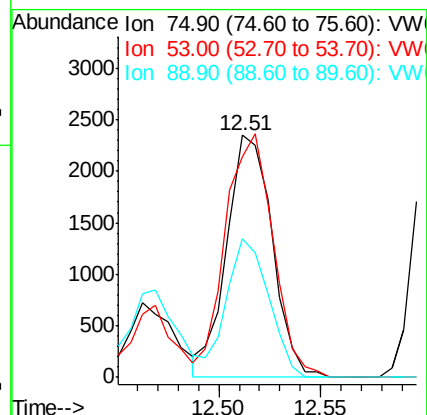
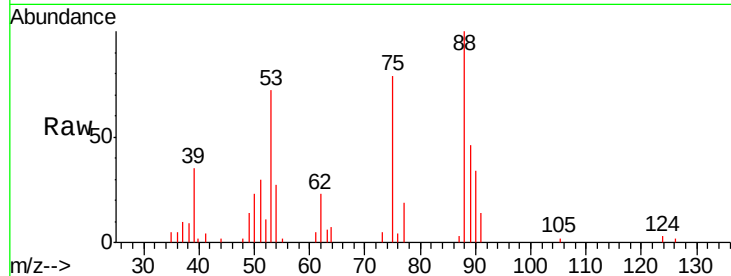
Tgt Ion: 75 Resp: 3638

Ion Ratio Lower Upper

75 100

53 105.3 87.6 131.4

89 52.2 42.2 63.2



#82

4-Chlorotoluene

Concen: 20.053 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008014.D

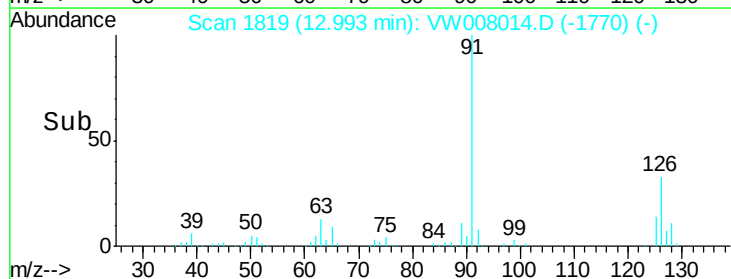
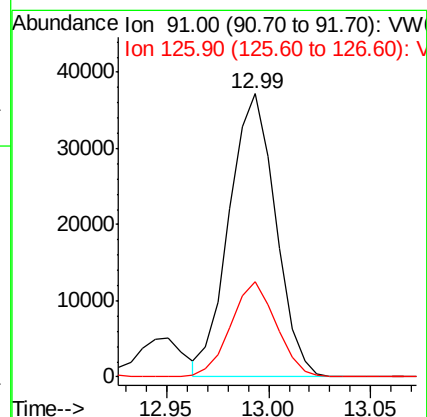
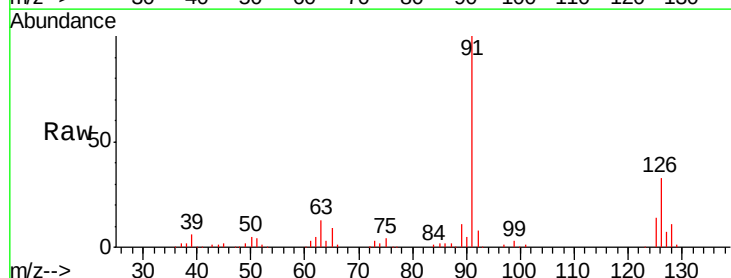
Acq: 03 Jan 2019 12:17

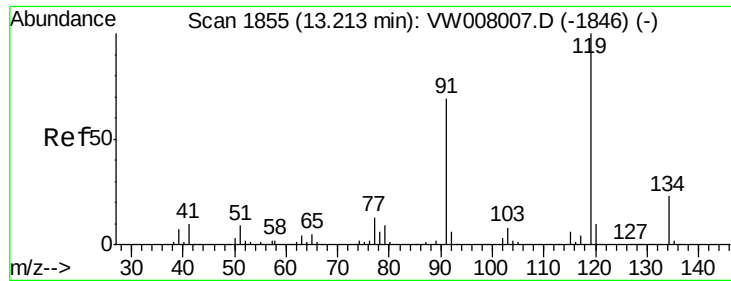
Tgt Ion: 91 Resp: 58809

Ion Ratio Lower Upper

91 100

126 33.0 16.7 50.1

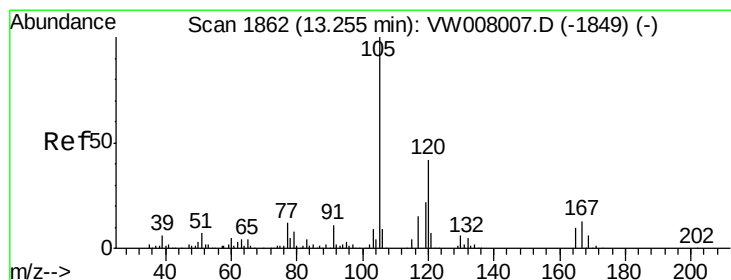
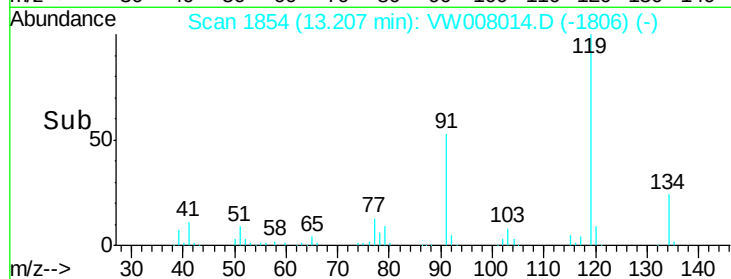
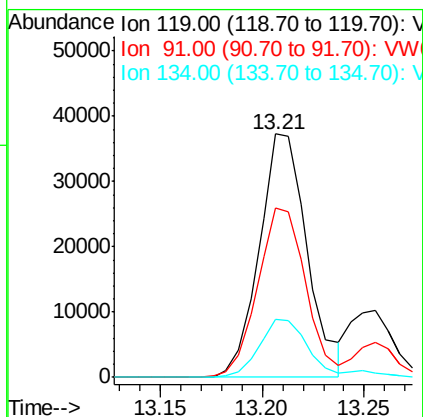
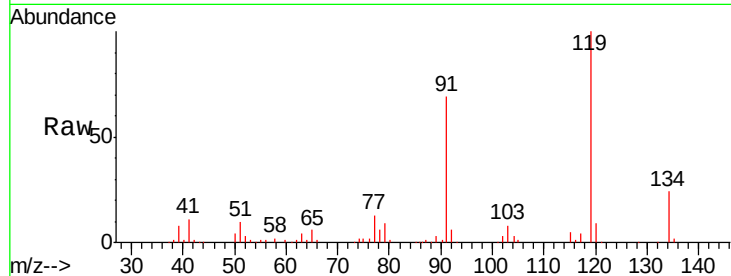




#83
 tert-Butylbenzene
 Concen: 19.704 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

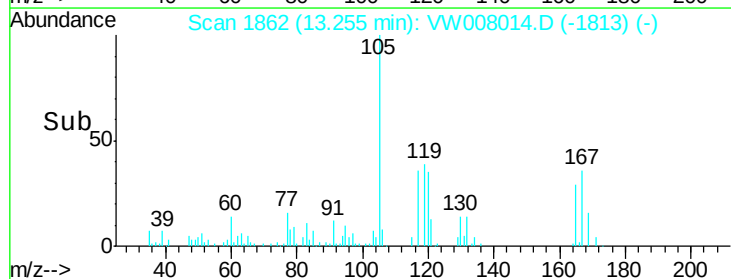
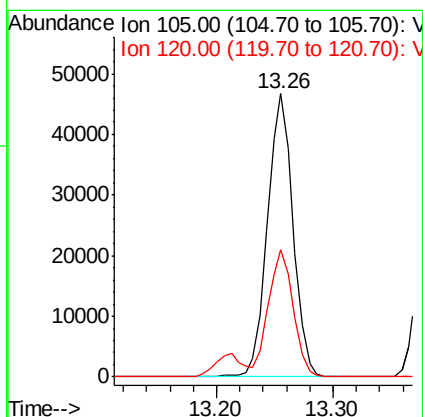
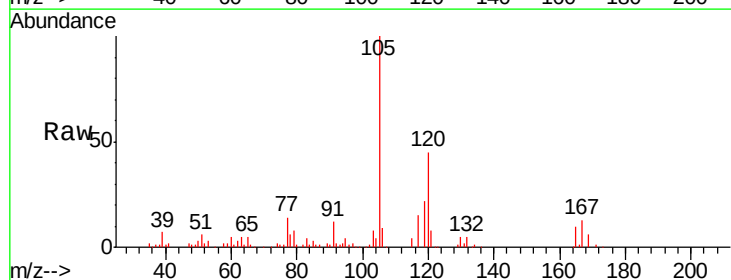
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

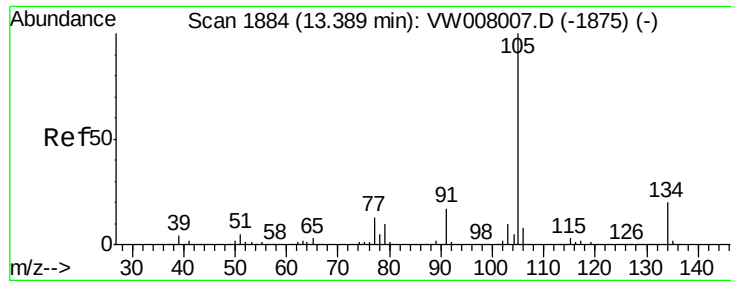
Tgt Ion:119 Resp: 61075
 Ion Ratio Lower Upper
 119 100
 91 69.5 34.7 104.1
 134 24.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.881 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion:105 Resp: 71344
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.5 64.5

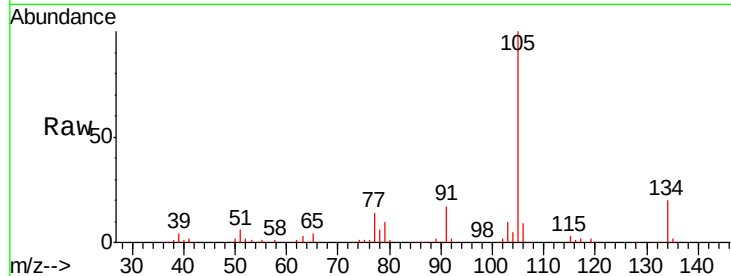




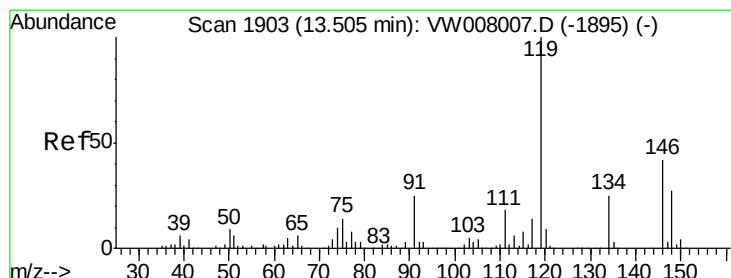
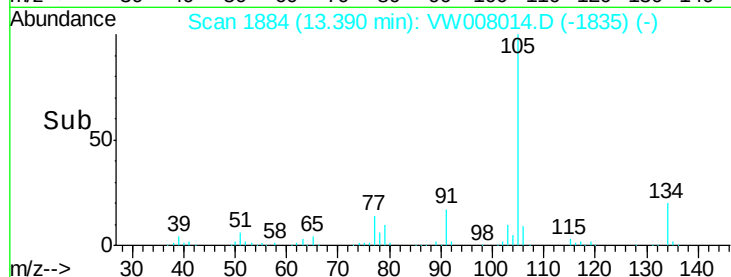
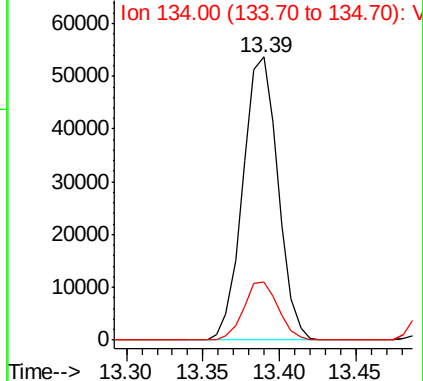
#85
 sec-Butylbenzene
 Concen: 20.063 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Tgt Ion:105 Resp: 85549
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 28.9

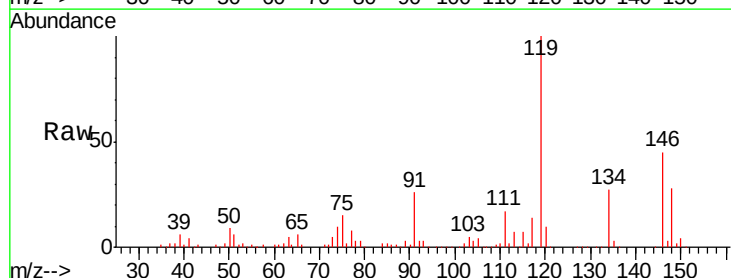


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

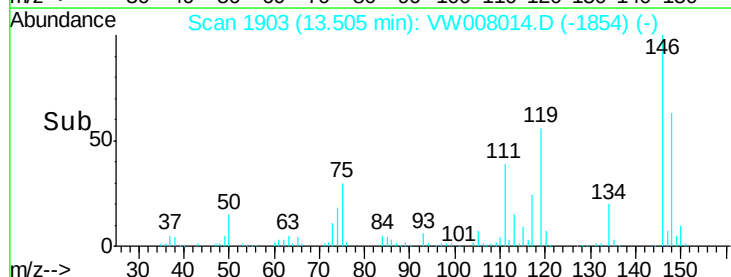
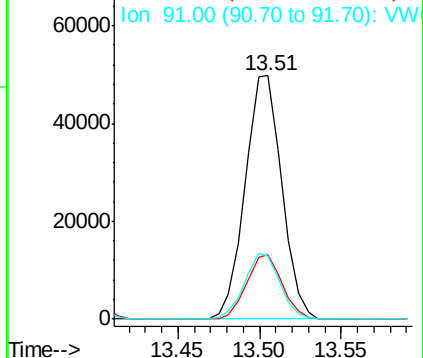


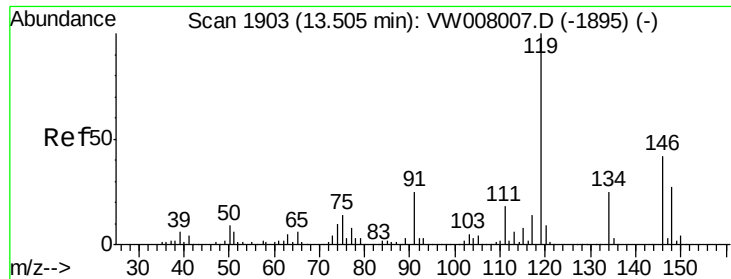
#86
 p-Isopropyltoluene
 Concen: 20.200 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion:119 Resp: 77692
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.5 37.5
 91 26.3 13.1 39.3



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

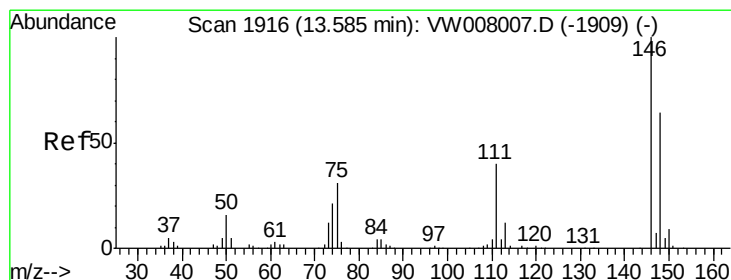
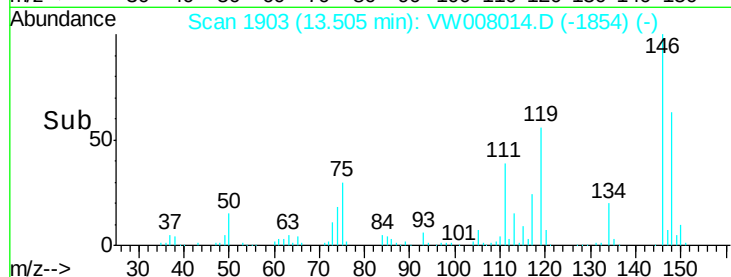
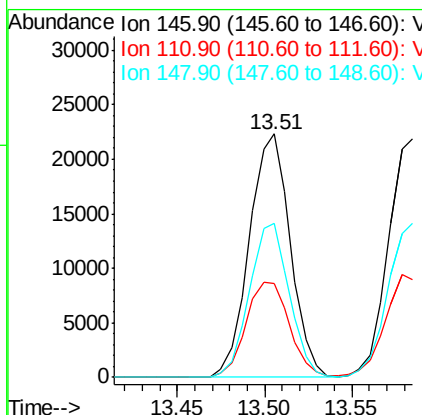
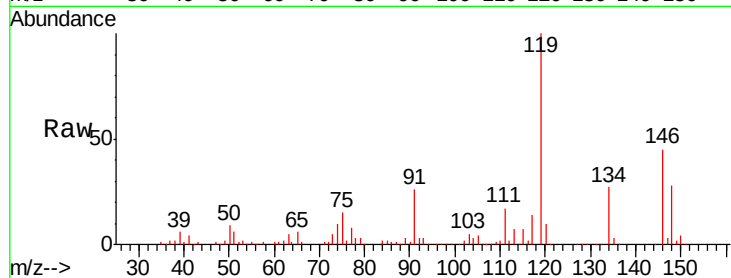




#87
 1,3-Dichlorobenzene
 Concen: 20.471 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

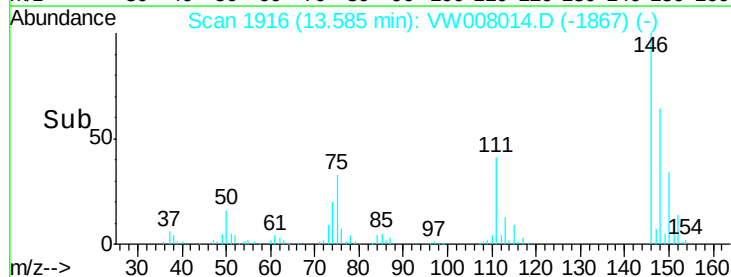
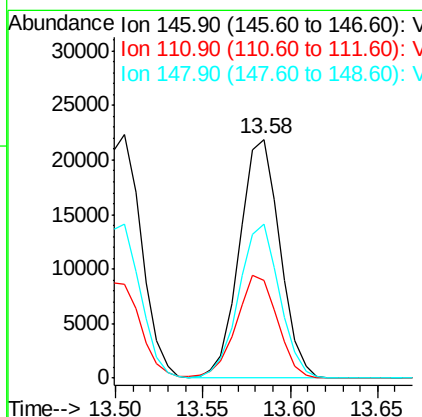
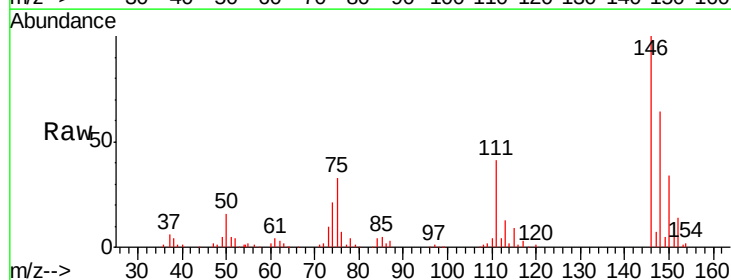
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

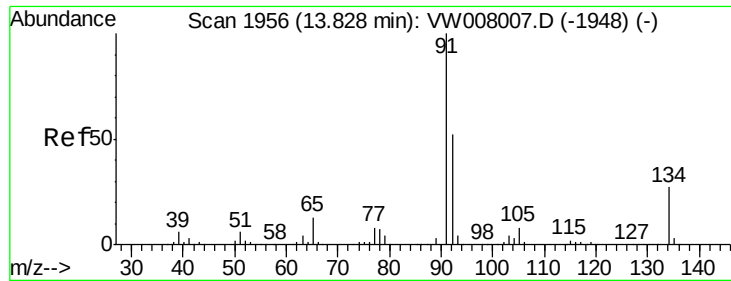
Tgt Ion:146 Resp: 36541
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.4 64.2
 148 61.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.043 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion:146 Resp: 35420
 Ion Ratio Lower Upper
 146 100
 111 43.8 20.9 62.8
 148 64.8 31.9 95.9





#89

n-Butylbenzene

Concen: 20.568 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008014.D

Acq: 03 Jan 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

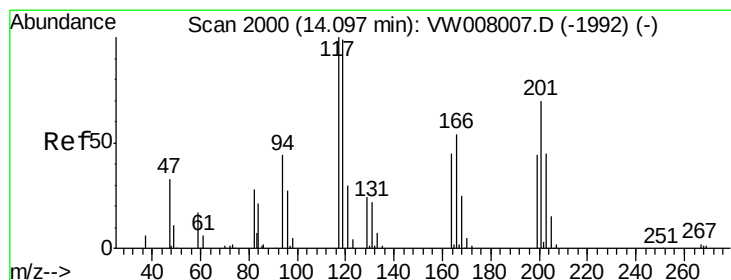
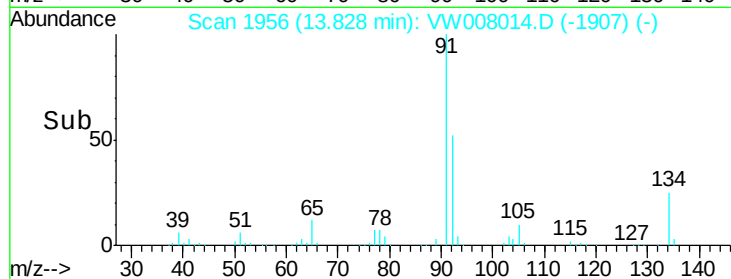
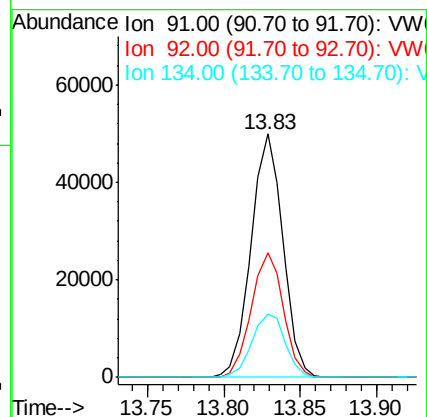
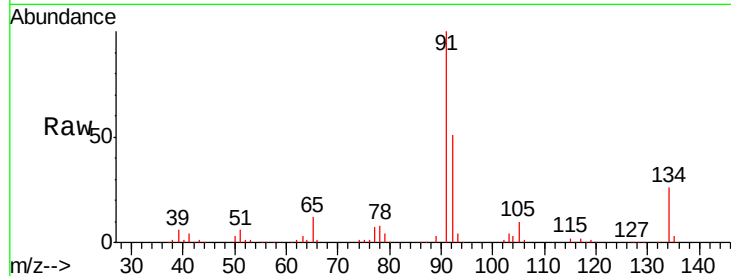
Tgt Ion: 91 Resp: 72358

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 27.3 13.4 40.2



#90

Hexachloroethane

Concen: 20.179 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008014.D

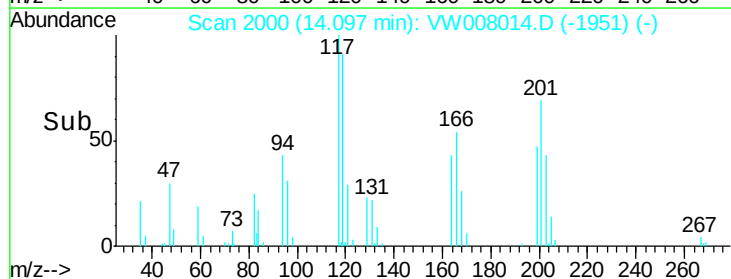
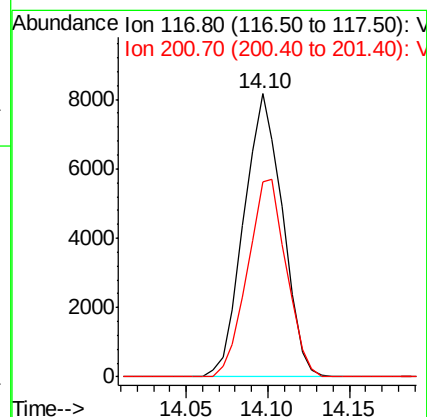
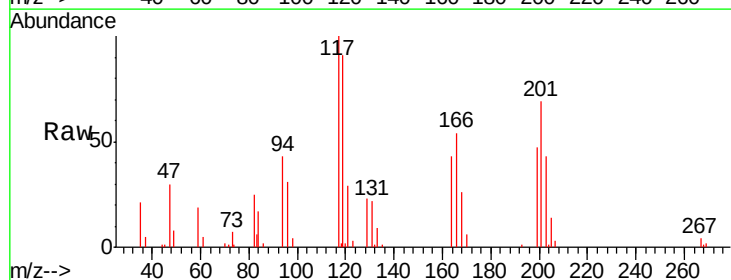
Acq: 03 Jan 2019 12:17

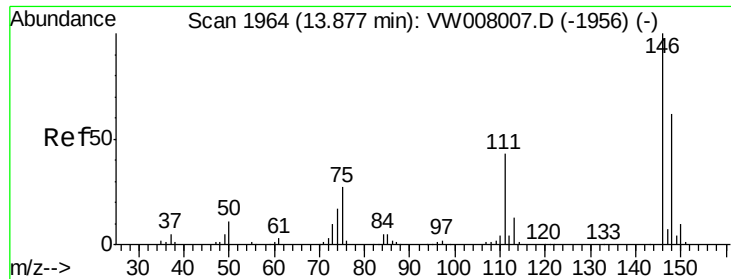
Tgt Ion: 117 Resp: 13467

Ion Ratio Lower Upper

117 100

201 70.4 37.1 111.5

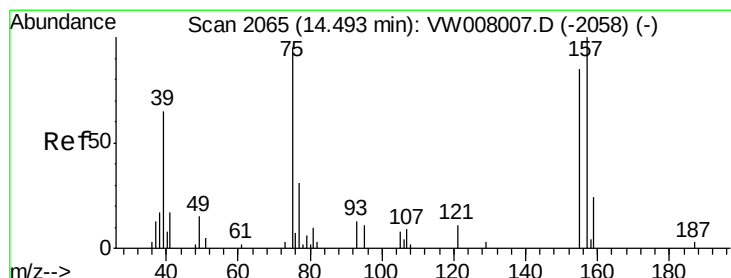
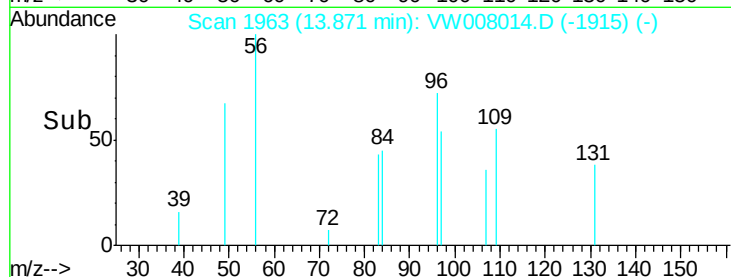
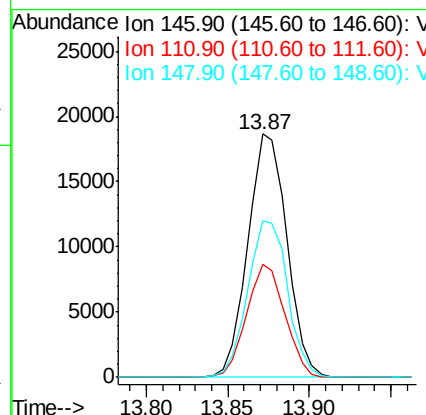
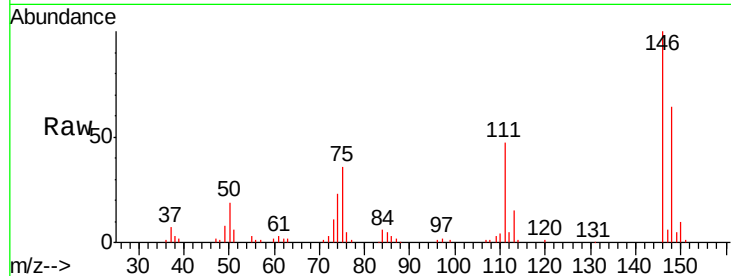




#91
 1,2-Dichlorobenzene
 Concen: 19.852 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

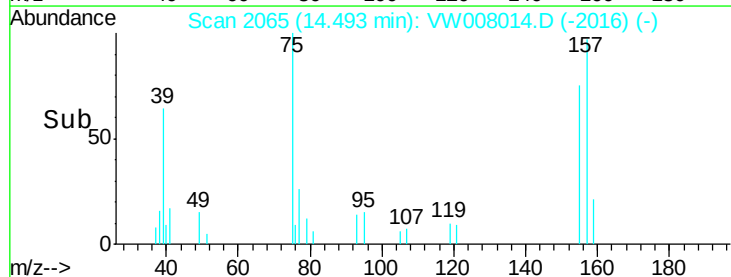
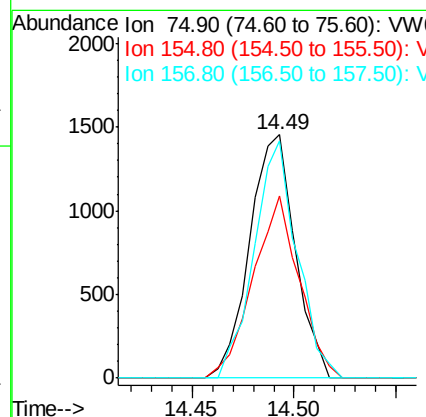
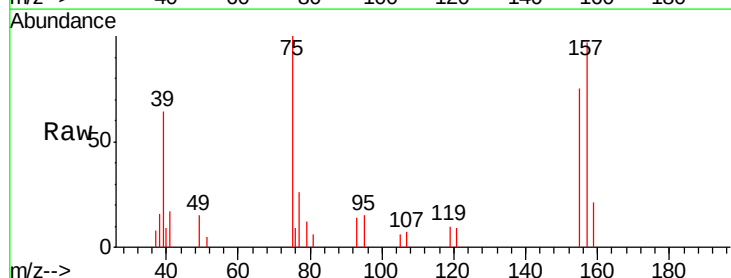
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

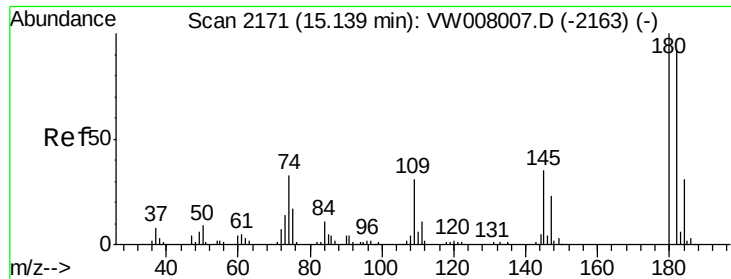
Tgt Ion: 146 Resp: 31140
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.6 67.7
 148 65.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.225 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion: 75 Resp: 2256
 Ion Ratio Lower Upper
 75 100
 155 75.8 42.4 127.1
 157 92.1 52.3 156.8

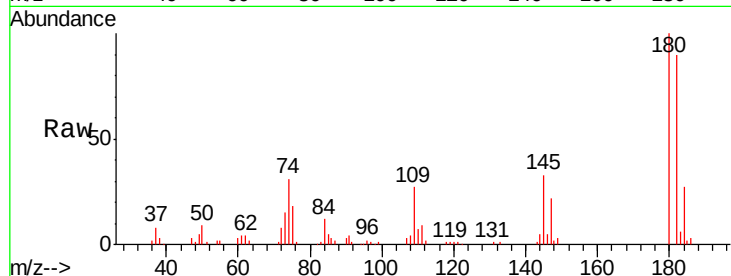




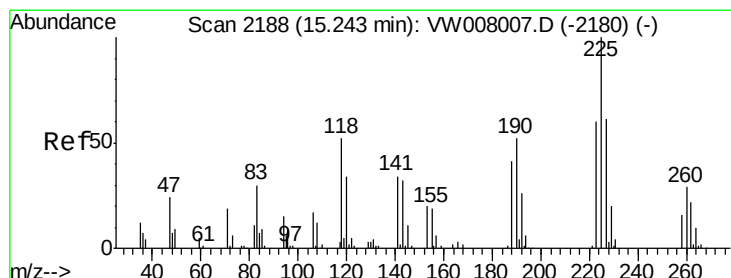
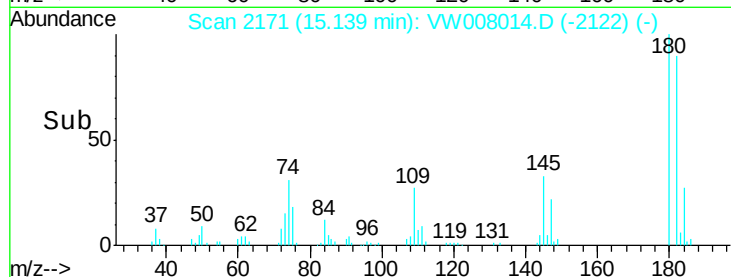
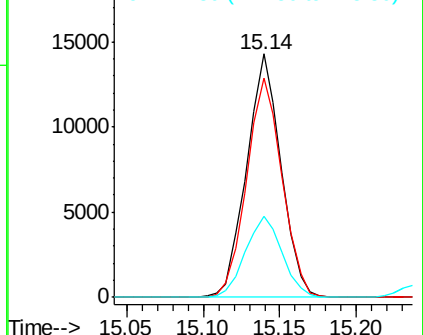
#93
 1,2,4-Trichlorobenzene
 Concen: 20.237 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Tgt Ion:180 Resp: 22295
 Ion Ratio Lower Upper
 180 100
 182 92.8 46.6 139.8
 145 35.5 17.2 51.6

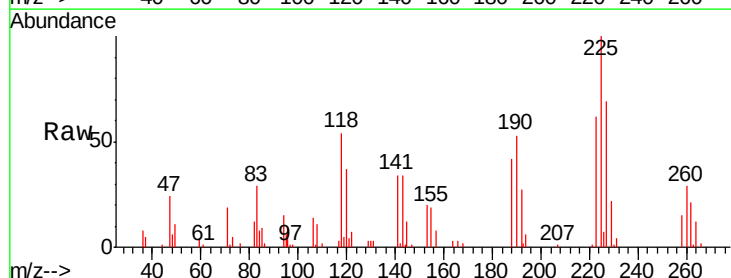


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

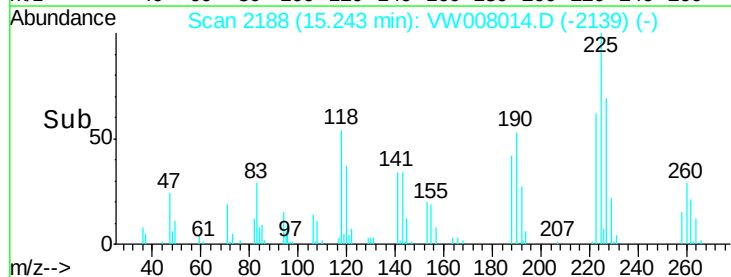
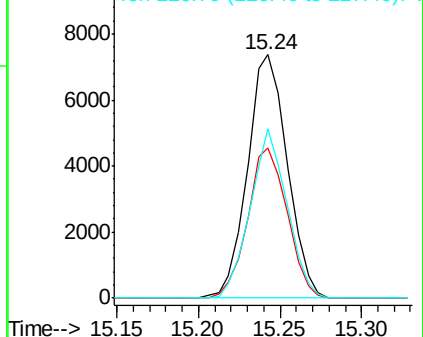


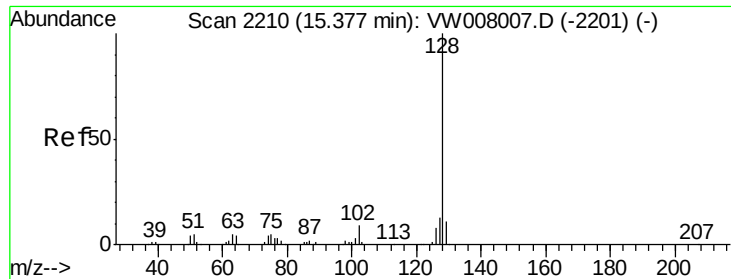
#94
 Hexachlorobutadiene
 Concen: 19.651 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008014.D
 Acq: 03 Jan 2019 12:17

Tgt Ion:225 Resp: 12500
 Ion Ratio Lower Upper
 225 100
 223 61.0 30.6 92.0
 227 64.0 31.3 93.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

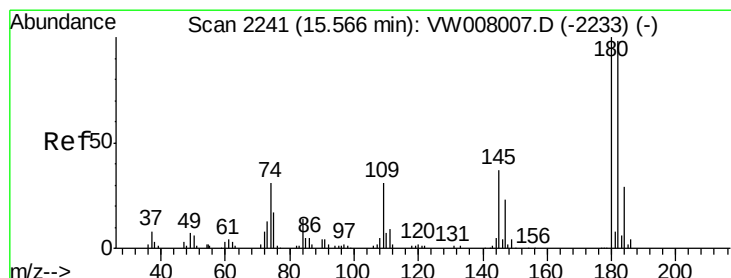
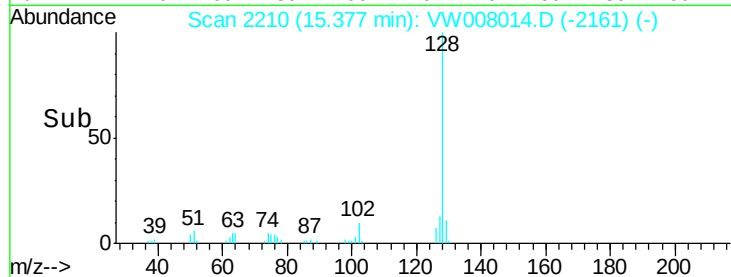
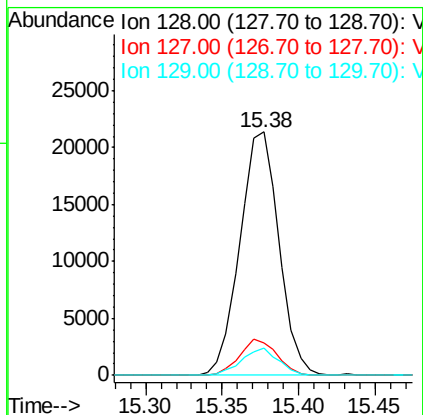
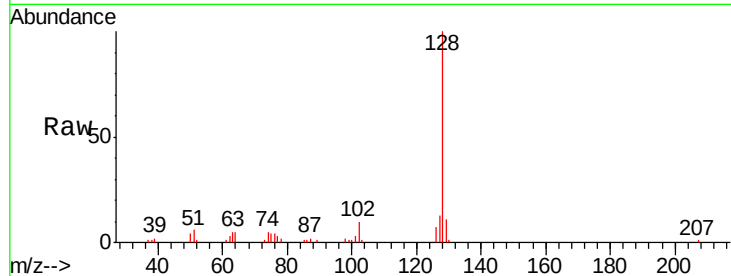




#95
Naphthalene
Concen: 20.156 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tgt Ion:128 Resp: 37818
Ion Ratio Lower Upper
128 100
127 14.3 10.8 16.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.219 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008014.D
Acq: 03 Jan 2019 12:17

Tgt Ion:180 Resp: 18328
Ion Ratio Lower Upper
180 100
182 93.0 47.9 143.8
145 37.8 18.7 56.1

