

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008015.D
 Acq On : 03 Jan 2019 12:43
 Operator : SY/AP
 Sample : VW0103SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Quant Time: Jan 04 00:30:17 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	66681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	104356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40161	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	7.88	113	36217	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
50) Toluene-d8	10.32	98	138314	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
62) 4-Bromofluorobenzene	12.62	95	53406	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11345	18.540	ug/l	90
3) Chloromethane	2.21	50	8406	18.517	ug/l	93
4) Vinyl Chloride	2.37	62	11263	19.210	ug/l	100
5) Bromomethane	2.78	94	6984	18.749	ug/l	90
6) Chloroethane	2.93	64	5696	19.008	ug/l	96
7) Trichlorofluoromethane	3.26	101	10775	18.308	ug/l	92
8) Diethyl Ether	3.68	74	5898	19.511	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	13860	19.817	ug/l	98
10) Methyl Iodide	4.27	142	21672	19.260	ug/l	98
11) Tert butyl alcohol	5.17	59	5167	107.835	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	13159	19.656	ug/l	82
13) Acrolein	3.89	56	3171	97.674	ug/l	100
14) Allyl chloride	4.67	41	16905	18.639	ug/l	97
15) Acrylonitrile	5.37	53	11209	100.817	ug/l	98
16) Acetone	4.12	43	11389	99.758	ug/l	90
17) Carbon Disulfide	4.37	76	37777	18.473	ug/l	99
18) Methyl Acetate	4.66	43	5715	19.303	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	20227	19.199	ug/l	98
20) Methylene Chloride	4.91	84	17032	22.903	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	13895	19.076	ug/l	99
22) Diisopropyl ether	6.31	45	32184	19.770	ug/l	97
23) Vinyl Acetate	6.26	43	89175	97.906	ug/l	99
24) 1,1-Dichloroethane	6.22	63	23117	19.112	ug/l #	96
25) 2-Butanone	7.17	43	13361	99.329	ug/l	97
26) 2,2-Dichloropropane	7.17	77	19856	19.925	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	15035	19.378	ug/l	98
28) Bromochloromethane	7.51	49	7937	20.416	ug/l #	100
29) Tetrahydrofuran	7.53	42	7884	94.359	ug/l	97
30) Chloroform	7.67	83	26502	19.550	ug/l	98
31) Cyclohexane	7.95	56	20924	18.560	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	24910	19.204	ug/l	98
36) 1,1-Dichloropropene	8.09	75	20209	19.631	ug/l	98
37) Ethyl Acetate	7.26	43	5950	19.242	ug/l	98
38) Carbon Tetrachloride	8.07	117	23919	19.388	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	24266	18.911	ug/l	98
40) Benzene	8.32	78	53775	19.801	ug/l	100
41) Methacrylonitrile	7.49	41	3367	18.520	ug/l	93
42) 1,2-Dichloroethane	8.40	62	17605	19.456	ug/l	99
43) Isopropyl Acetate	8.43	43	12807	20.729	ug/l	98
44) Trichloroethene	9.09	130	16076	20.060	ug/l	94
45) 1,2-Dichloropropane	9.37	63	12097	20.579	ug/l	93
46) Dibromomethane	9.46	93	6662	19.384	ug/l	99
47) Bromodichloromethane	9.64	83	18786	19.516	ug/l	99
48) Methyl methacrylate	9.44	41	5879	18.872	ug/l	97
49) 1,4-Dioxane	9.45	88	2034	399.925	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	28419	99.370	ug/l	99
52) Toluene	10.39	92	34938	19.487	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	18302	19.773	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	20664	20.006	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	9307	20.001	ug/l	95
56) Ethyl methacrylate	10.65	69	10205	19.399	ug/l	98
57) 1,3-Dichloropropane	10.93	76	15657	19.802	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.93	63	28132	112.761	ug/l	98
59) 2-Hexanone	10.97	43	20174	102.180	ug/l	98
60) Dibromochloromethane	11.13	129	12374	19.427	ug/l	99
61) 1,2-Dibromoethane	11.24	107	9289	19.948	ug/l	96
64) Tetrachloroethene	10.86	164	12844	19.677	ug/l	96
65) Chlorobenzene	11.66	112	39656	19.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	14749	20.166	ug/l	98
67) Ethyl Benzene	11.73	91	72794	20.307	ug/l	100
68) m/p-Xylenes	11.84	106	54741	39.499	ug/l	98
69) o-Xylene	12.17	106	25167	19.516	ug/l	99
70) Styrene	12.18	104	41942	19.955	ug/l	99
71) Bromoform	12.35	173	6782	20.015	ug/l #	96
73) Isopropylbenzene	12.47	105	74962	19.345	ug/l	100
74) N-amyl acetate	12.27	43	11681	19.365	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	9588	19.446	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	14422	37.200	ug/l #	1
77) Bromobenzene	12.75	156	15945	19.144	ug/l	99
78) n-propylbenzene	12.81	91	86633	19.283	ug/l	99
79) 2-Chlorotoluene	12.90	91	50783	19.557	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	64836	19.438	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	3238	19.751	ug/l	95
82) 4-Chlorotoluene	12.99	91	52863	19.146	ug/l	99
83) tert-Butylbenzene	13.21	119	56859	19.484	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	65688	19.443	ug/l	100
85) sec-Butylbenzene	13.39	105	77908	19.407	ug/l	99
86) p-Isopropyltoluene	13.50	119	70998	19.607	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	33310	19.821	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	33318	20.025	ug/l	98
89) n-Butylbenzene	13.83	91	65929	19.905	ug/l	99
90) Hexachloroethane	14.10	117	12199	19.415	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	29461	19.949	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1975	19.736	ug/l	94

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QLast Update : Thu Jan 03 05:03:55 2019
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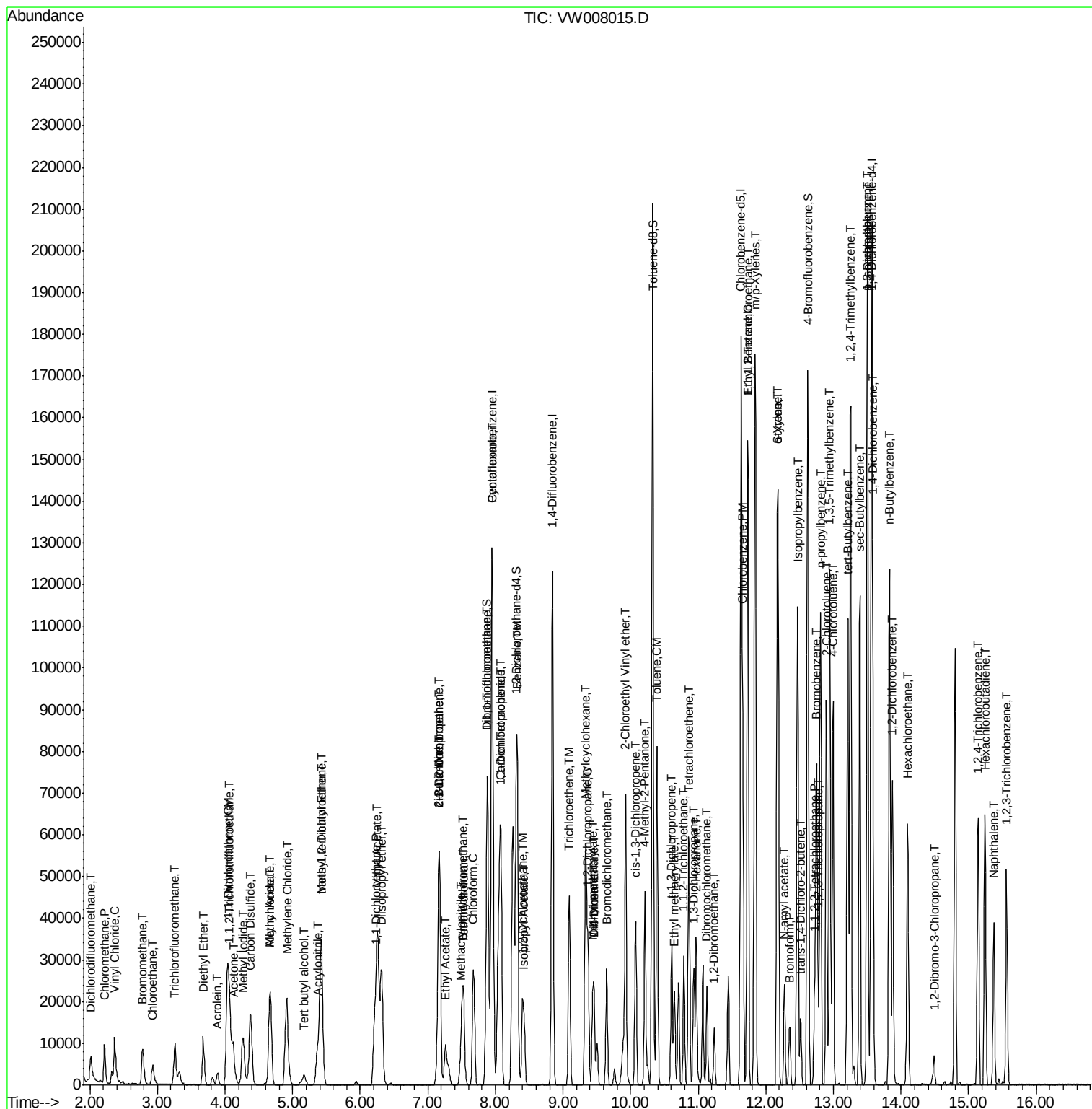
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	20008	19.290	ug/l	99
94) Hexachlorobutadiene	15.24	225	11763	19.642	ug/l	99
95) Naphthalene	15.38	128	34835	19.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	17066	19.997	ug/l	97

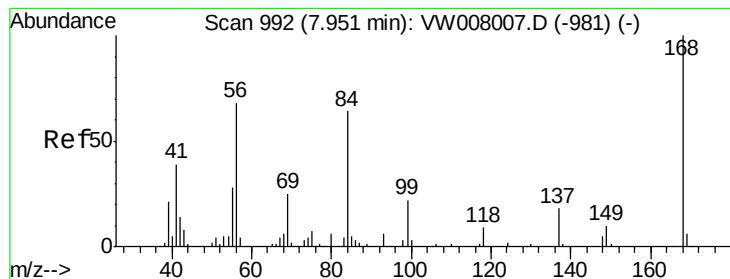
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW008015.D  
Acq On    : 03 Jan 2019   12:43  
Operator  : SY/AP  
Sample    : VW0103SBSD01  
Misc      : 5.00G/5ML/MSVOA_W/SOIL  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

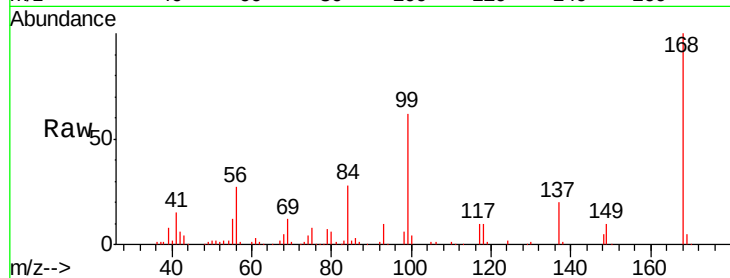
VW0103SBSD01

Tgt Ion:168 Resp: 66681

Ion Ratio Lower Upper

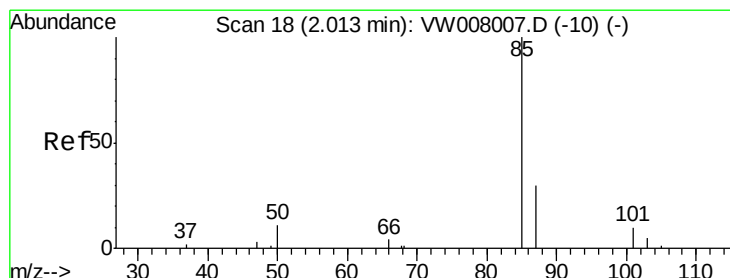
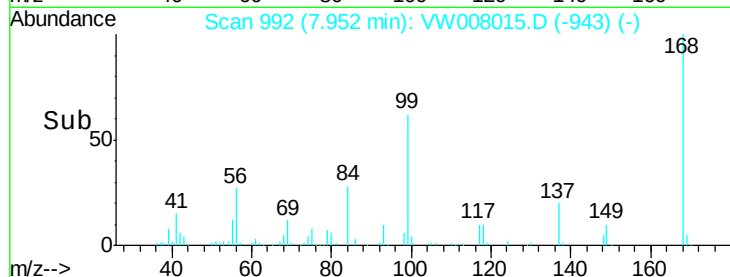
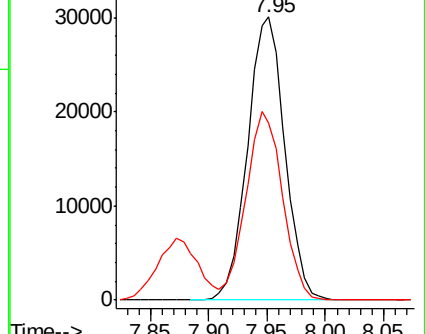
168 100

99 62.5 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.540 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008015.D

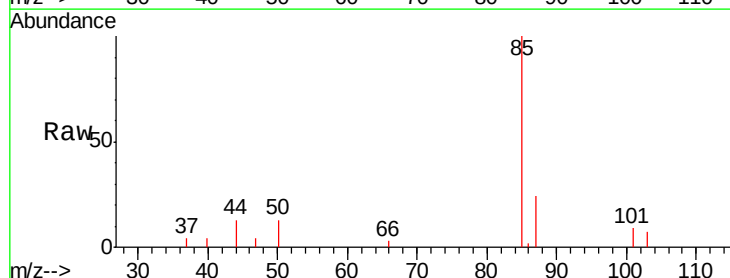
Acq: 03 Jan 2019 12:43

Tgt Ion: 85 Resp: 11345

Ion Ratio Lower Upper

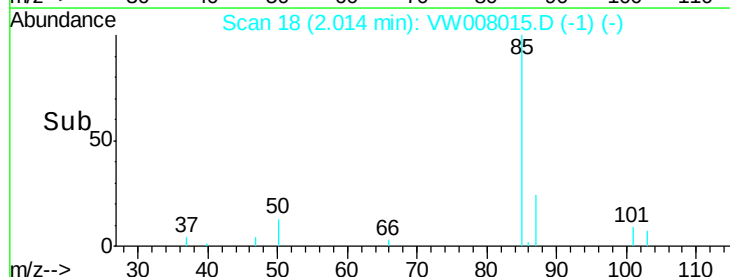
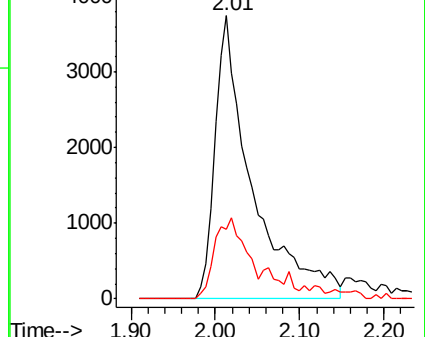
85 100

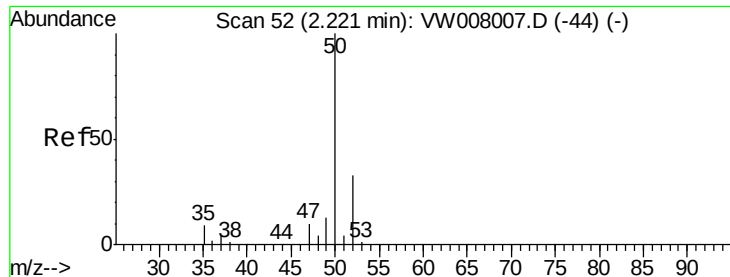
87 24.5 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.517 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

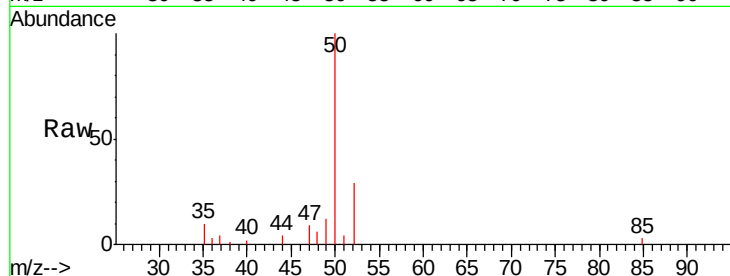
VW0103SBSD01

Tgt Ion: 50 Resp: 8406

Ion Ratio Lower Upper

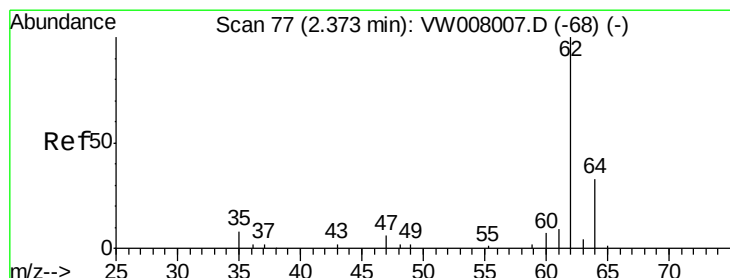
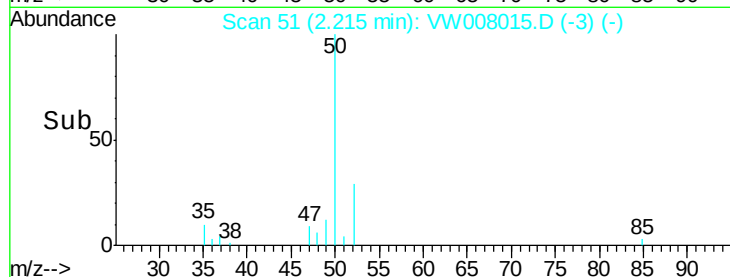
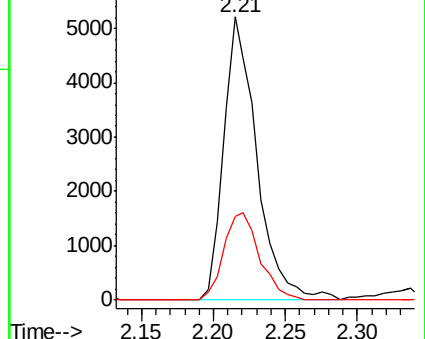
50 100

52 29.5 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: 19.210 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW008015.D

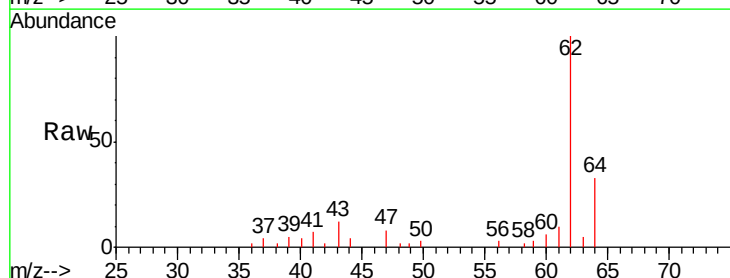
Acq: 03 Jan 2019 12:43

Tgt Ion: 62 Resp: 11263

Ion Ratio Lower Upper

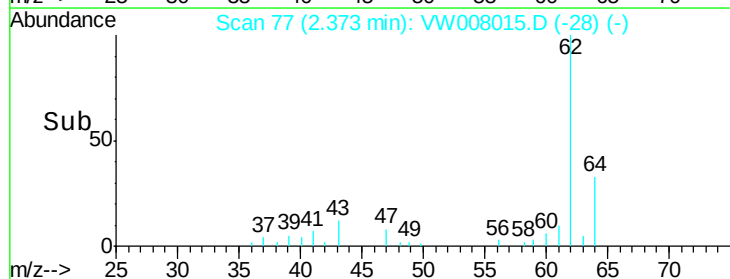
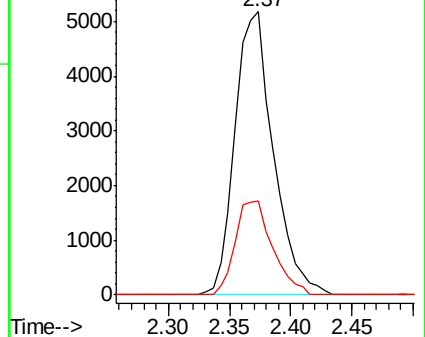
62 100

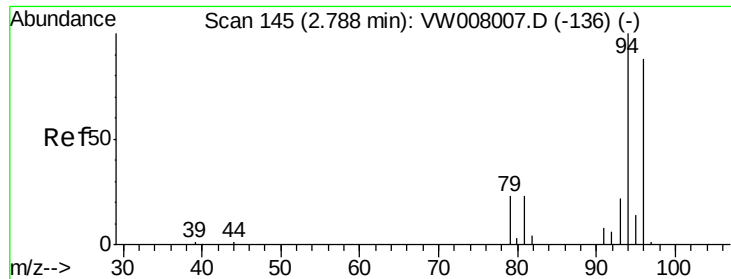
64 33.2 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

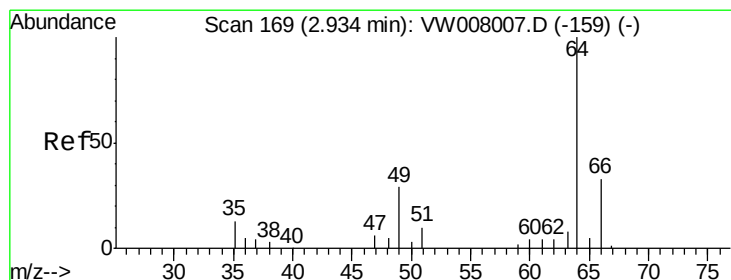
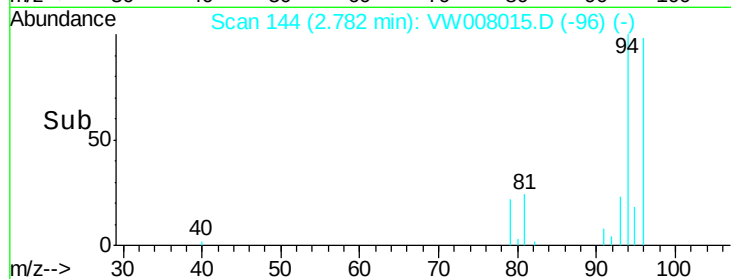
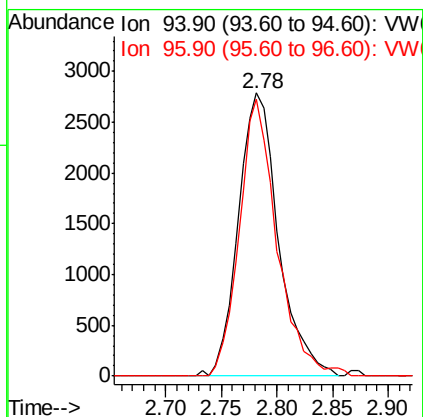
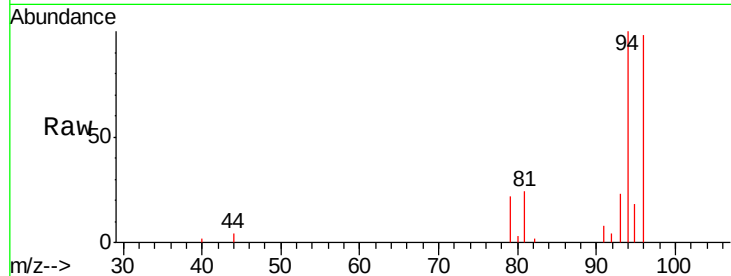




#5
Bromomethane
Concen: 18.749 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

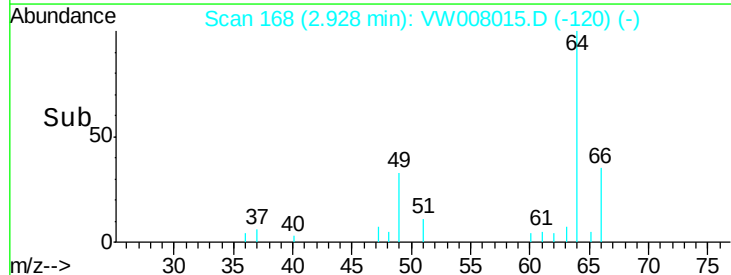
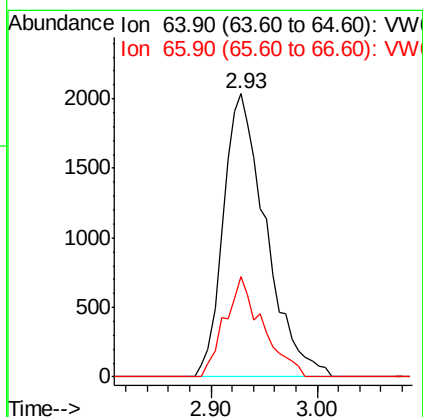
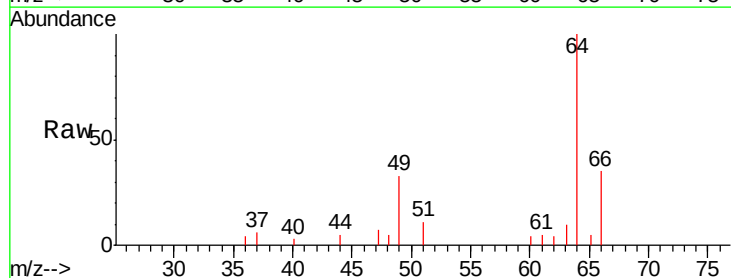
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

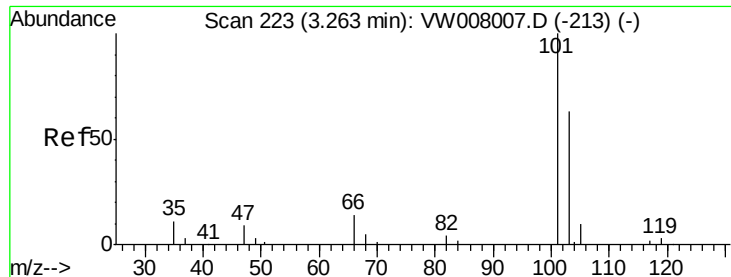
Tgt Ion: 94 Resp: 6984
Ion Ratio Lower Upper
94 100
96 97.8 70.7 106.1



#6
Chloroethane
Concen: 19.008 ug/l
RT: 2.93 min Scan# 168
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 64 Resp: 5696
Ion Ratio Lower Upper
64 100
66 35.4 26.6 39.8



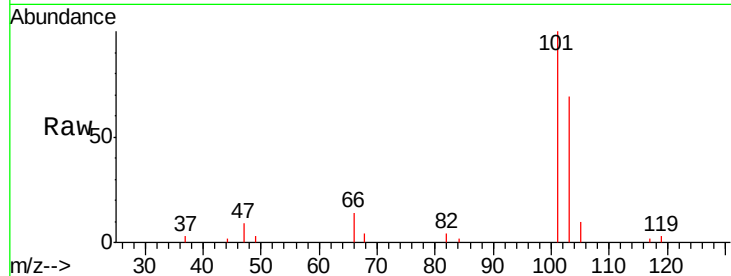


#7

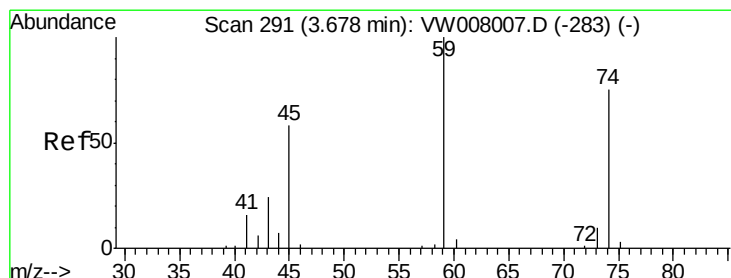
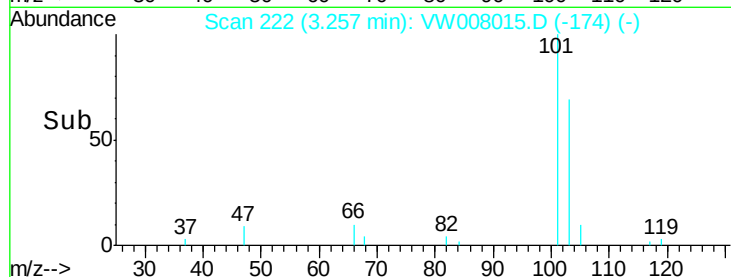
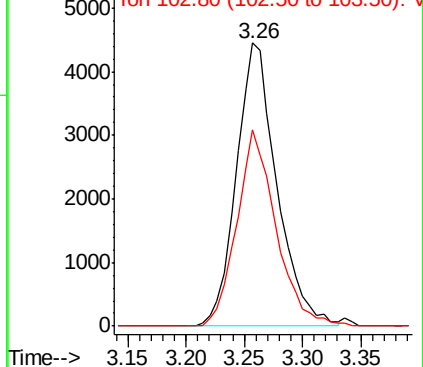
Trichlorofluoromethane
 Concen: 18.308 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBSD01

Tgt Ion: 101 Resp: 10775
 Ion Ratio Lower Upper
 101 100
 103 69.3 50.5 75.7



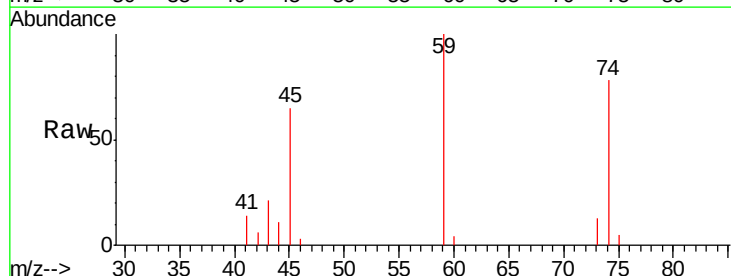
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



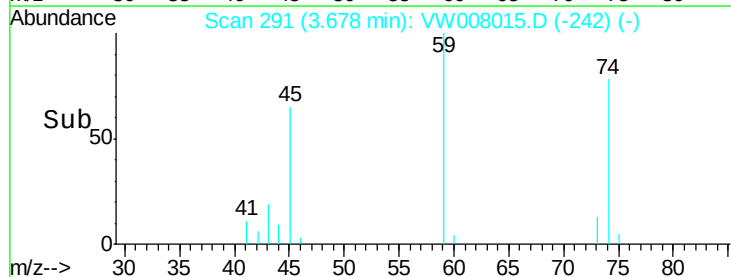
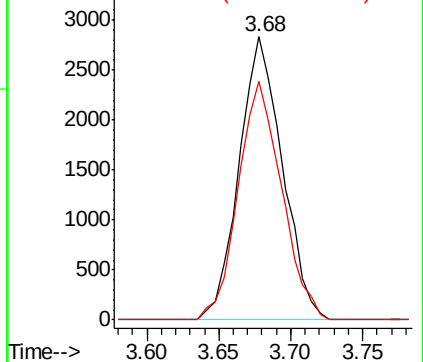
#8

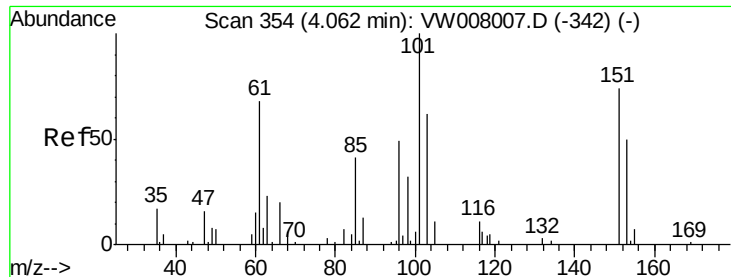
Diethyl Ether
 Concen: 19.511 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion: 74 Resp: 5898
 Ion Ratio Lower Upper
 74 100
 45 84.8 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: 19.817 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

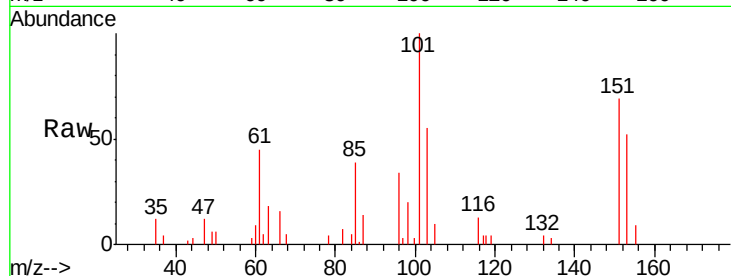
Tgt Ion:101 Resp: 13860

Ion Ratio Lower Upper

101 100

85 40.2 35.1 52.7

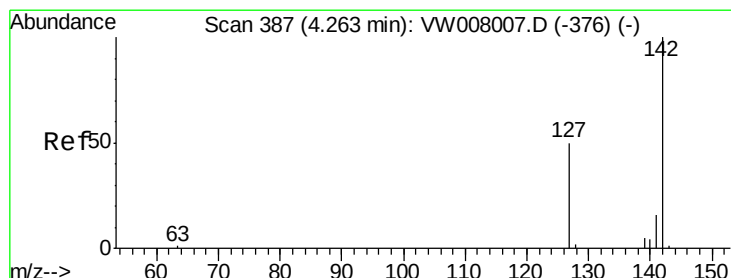
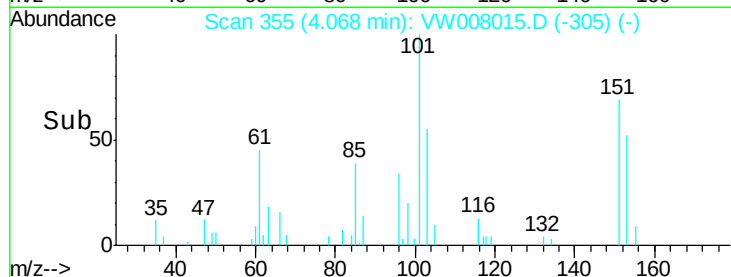
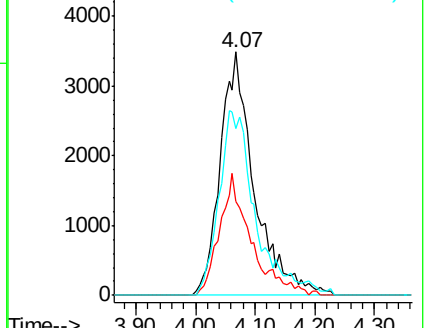
151 81.3 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.260 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

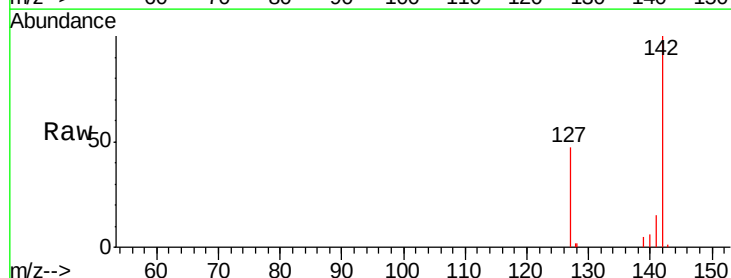
Tgt Ion:142 Resp: 21672

Ion Ratio Lower Upper

142 100

127 48.0 39.4 59.0

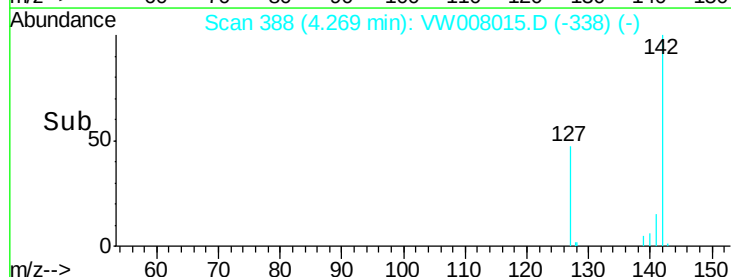
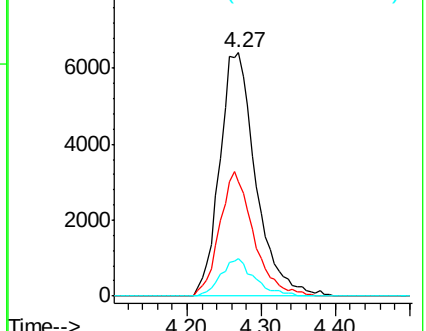
141 14.2 12.1 18.1

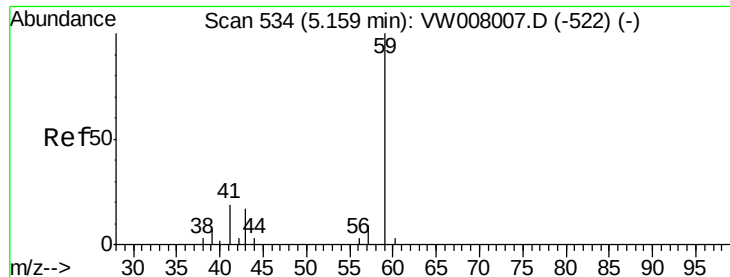


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

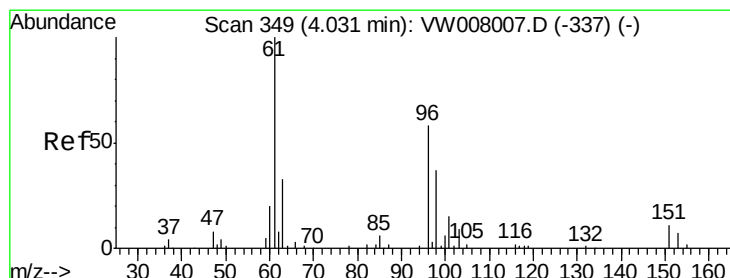
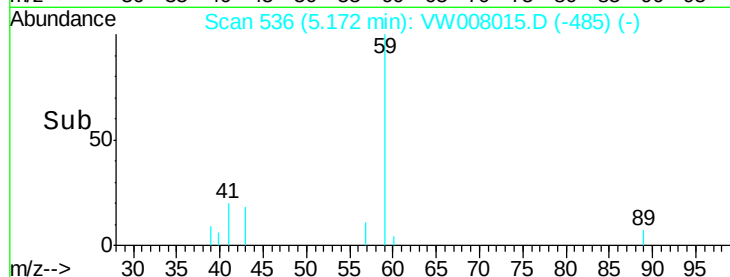
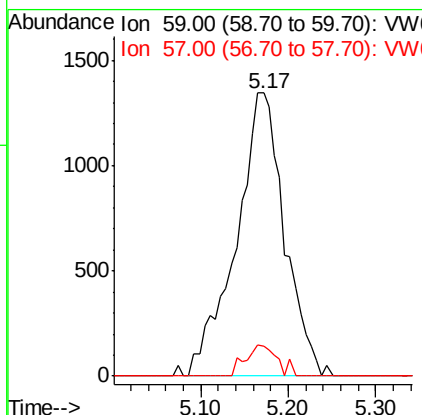
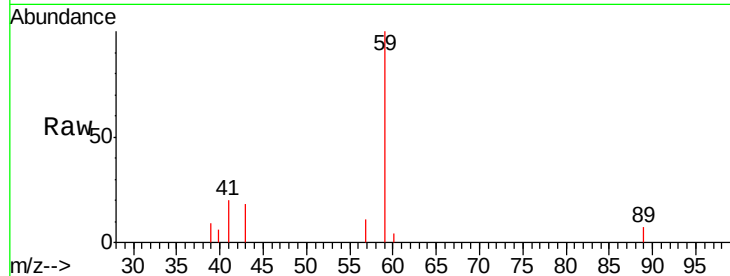




#11
Tert butyl alcohol
Concen: 107.835 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

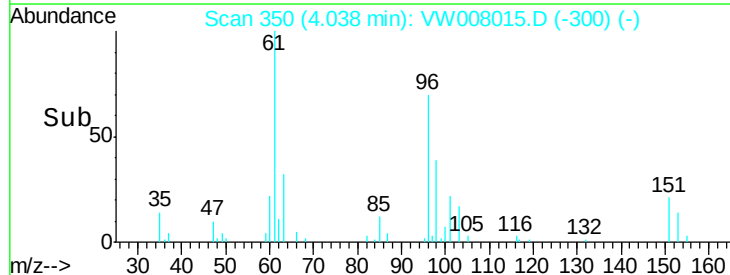
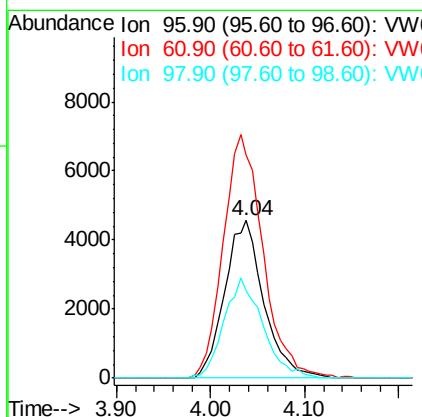
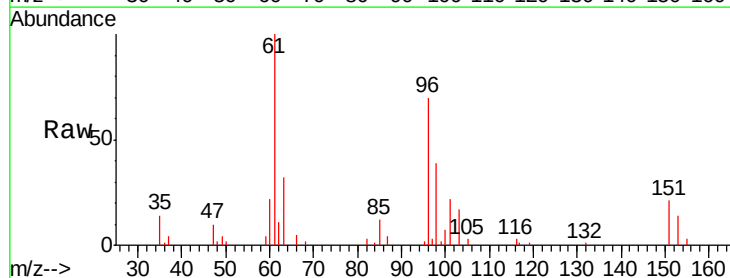
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

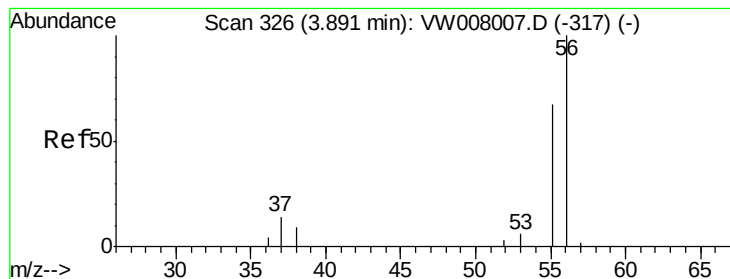
Tgt Ion: 59 Resp: 5167
Ion Ratio Lower Upper
59 100
57 7.3 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 19.656 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 96 Resp: 13159
Ion Ratio Lower Upper
96 100
61 142.2 137.3 205.9
98 55.5 50.5 75.7





#13

Acrolein

Concen: 97.674 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

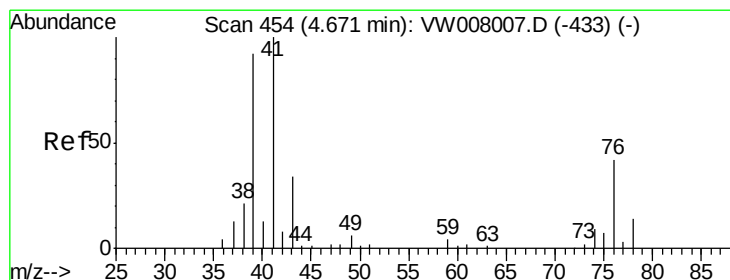
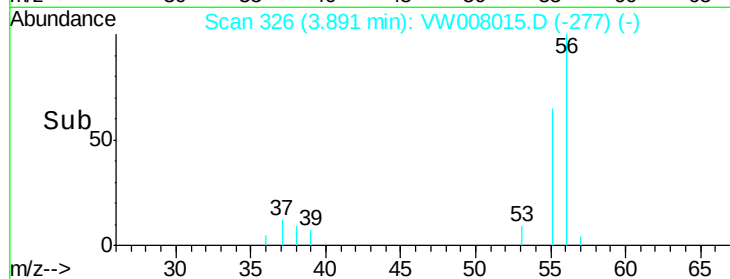
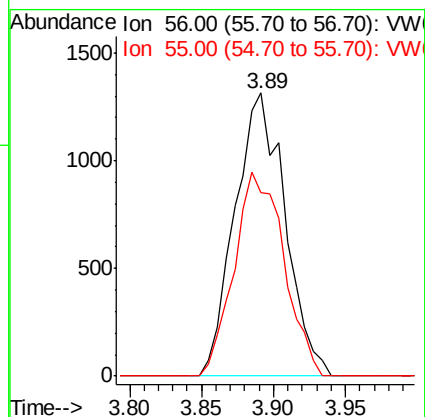
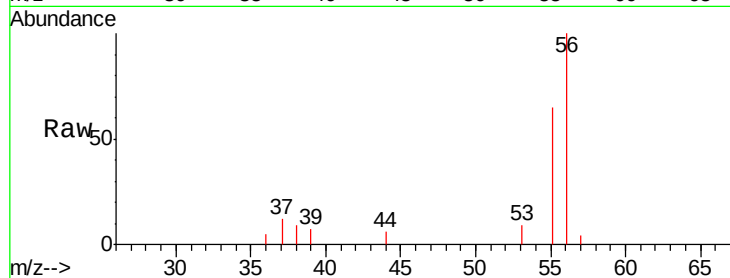
VW0103SBSD01

Tgt Ion: 56 Resp: 3171

Ion Ratio Lower Upper

56 100

55 71.5 57.3 85.9



#14

Allyl chloride

Concen: 18.639 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

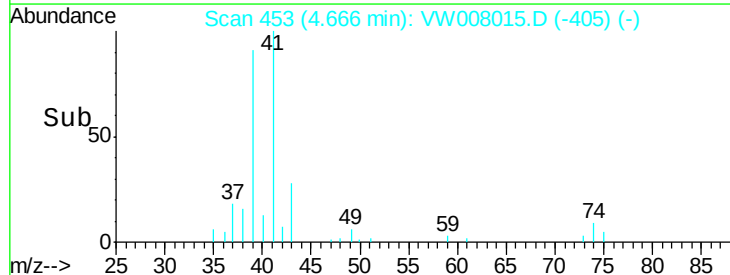
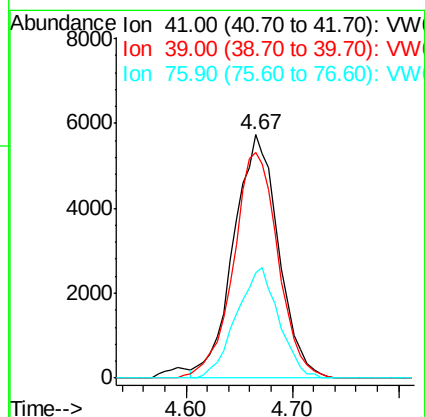
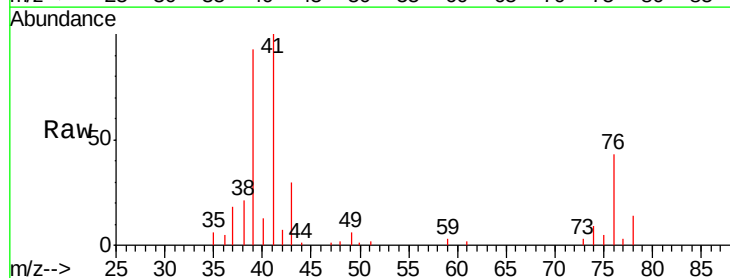
Tgt Ion: 41 Resp: 16905

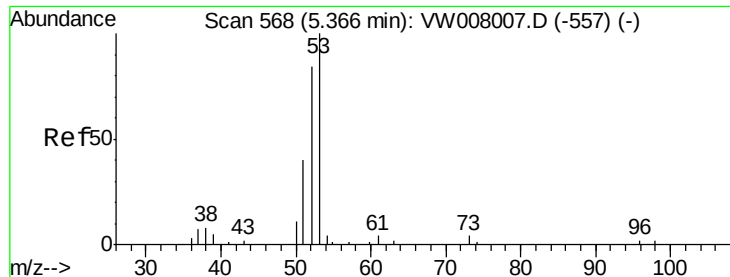
Ion Ratio Lower Upper

41 100

39 92.3 71.1 106.7

76 43.0 33.4 50.2





#15

Acrylonitrile

Concen: 100.817 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

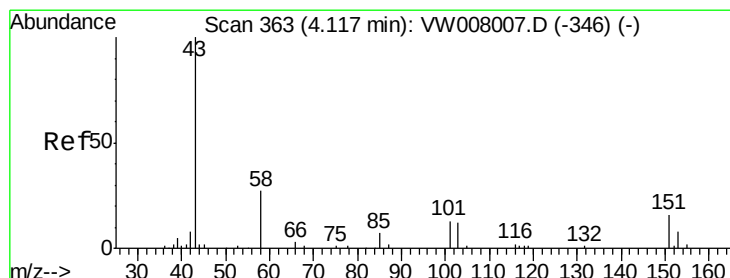
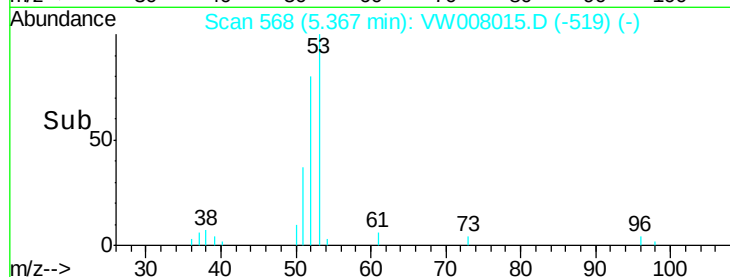
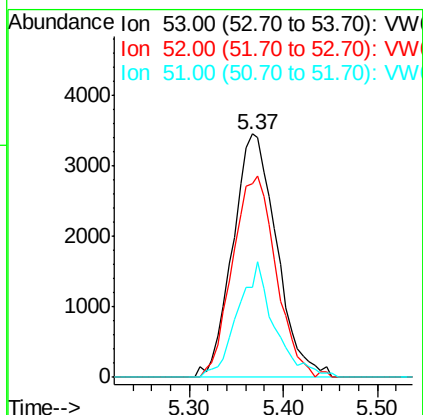
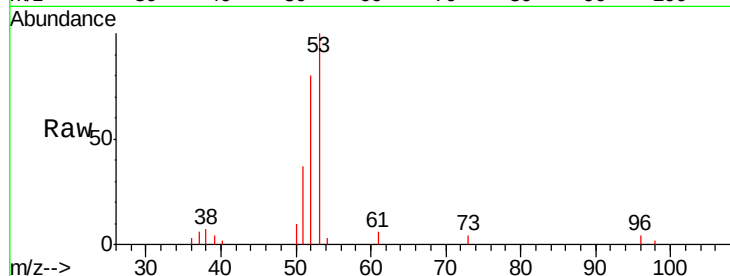
Tgt Ion: 53 Resp: 11209

Ion Ratio Lower Upper

53 100

52 81.9 67.8 101.8

51 39.7 31.5 47.3



#16

Acetone

Concen: 99.758 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008015.D

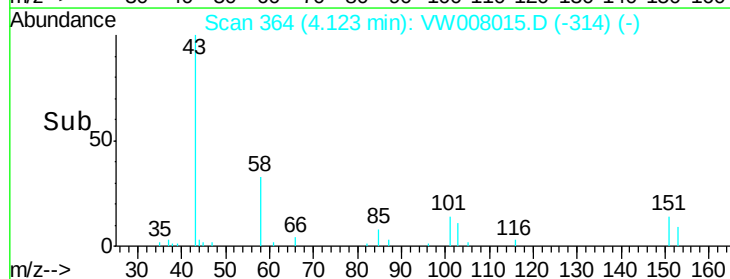
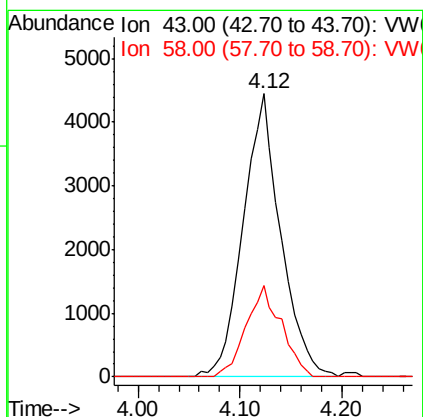
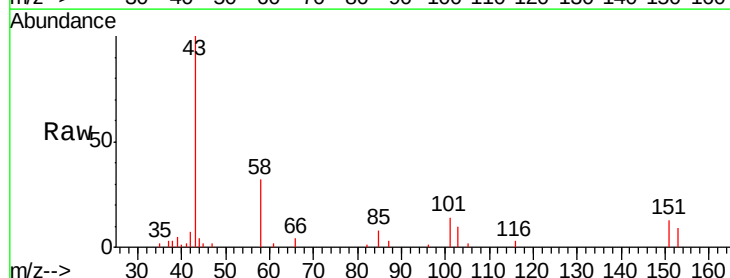
Acq: 03 Jan 2019 12:43

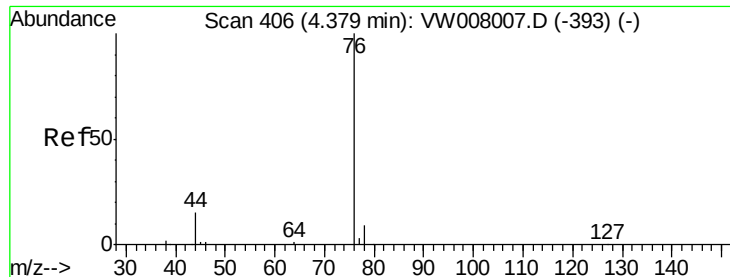
Tgt Ion: 43 Resp: 11389

Ion Ratio Lower Upper

43 100

58 32.3 21.7 32.5

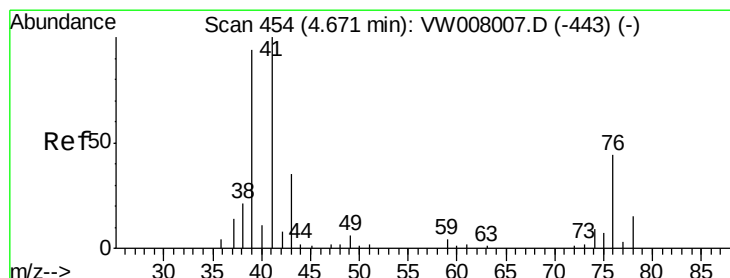
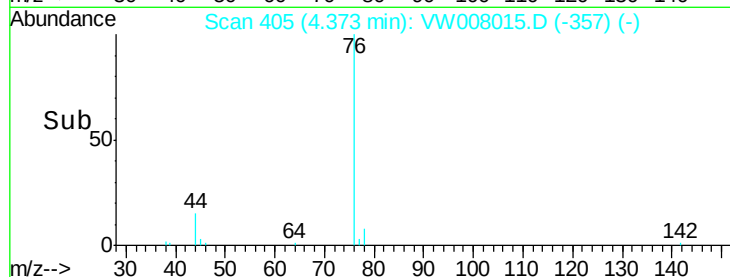
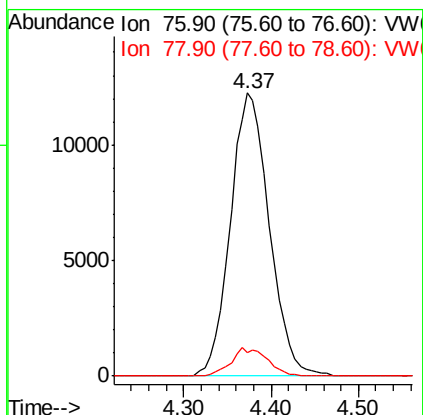
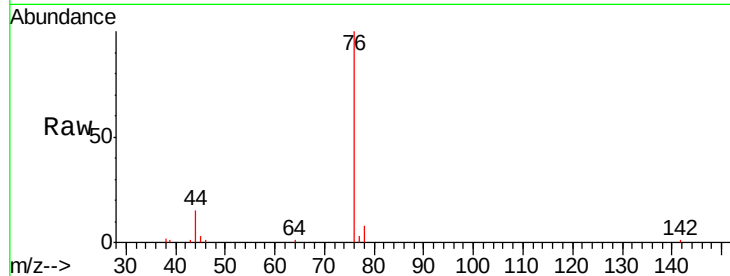




#17
Carbon Disulfide
Concen: 18.473 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

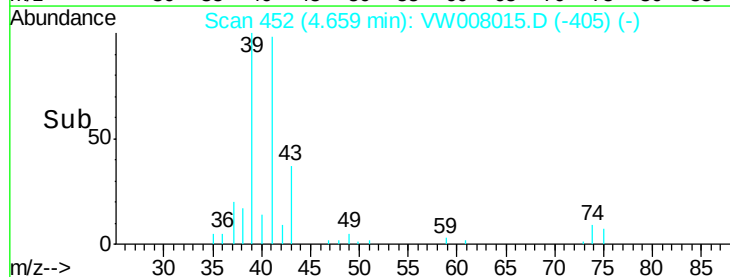
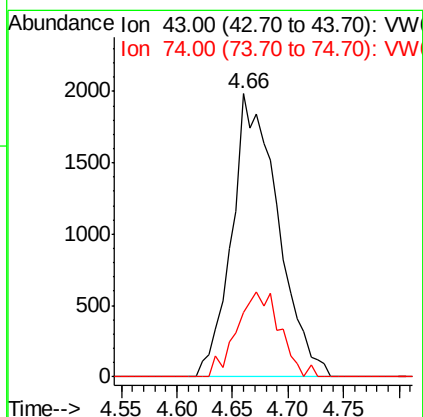
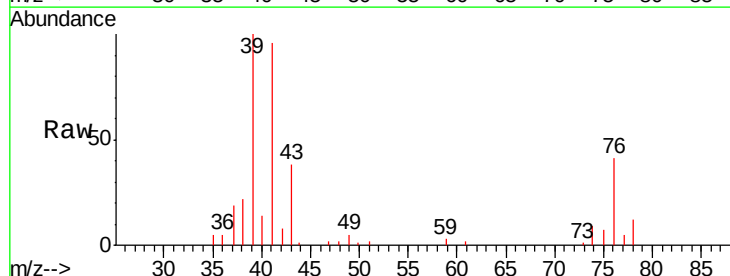
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

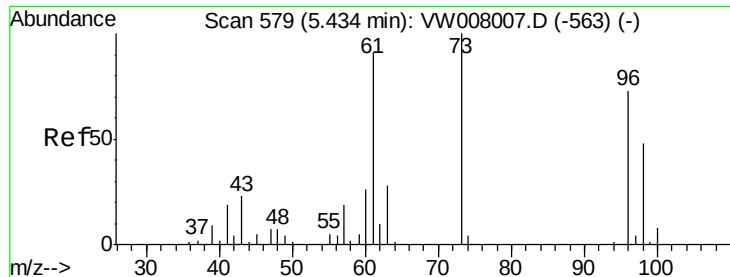
Tgt Ion: 76 Resp: 37777
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 19.303 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 43 Resp: 5715
Ion Ratio Lower Upper
43 100
74 28.2 21.4 32.2

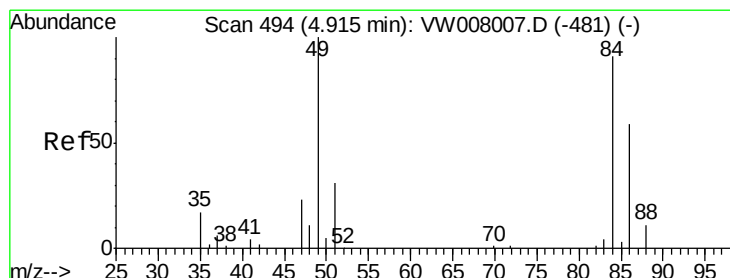
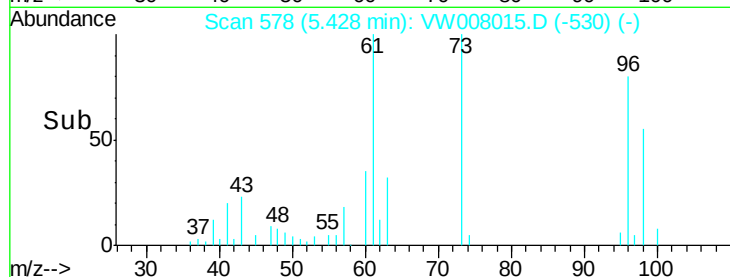
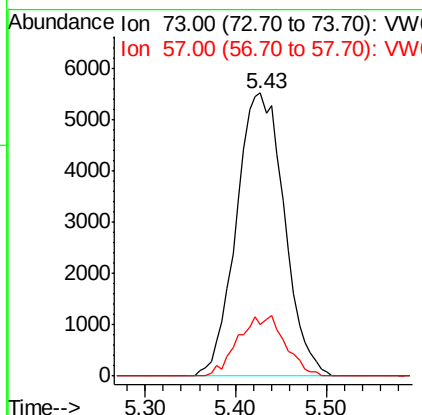
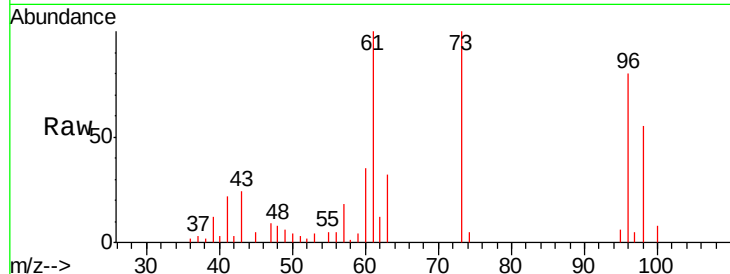




#19
Methyl tert-butyl Ether
Concen: 19.199 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

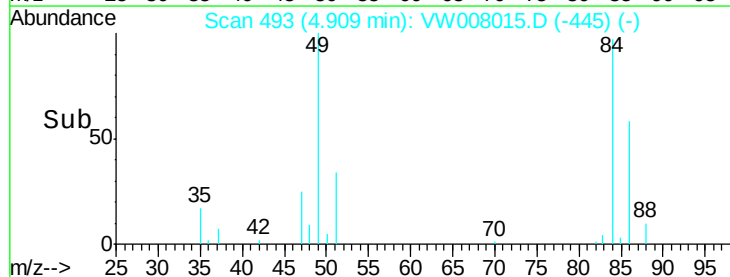
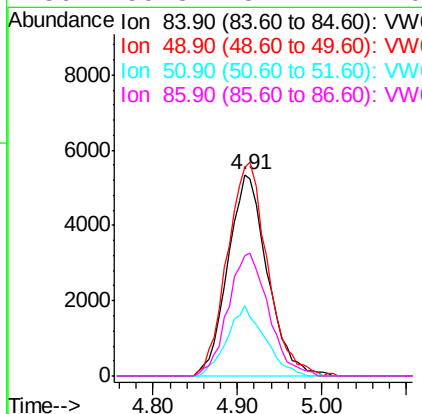
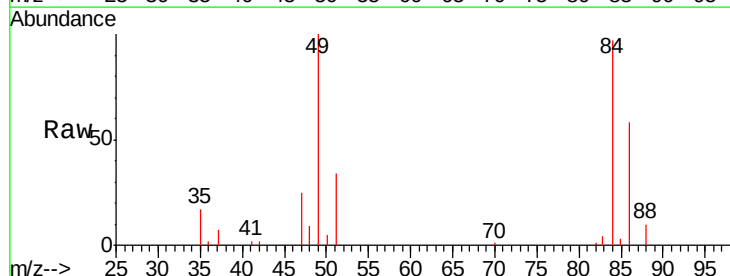
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

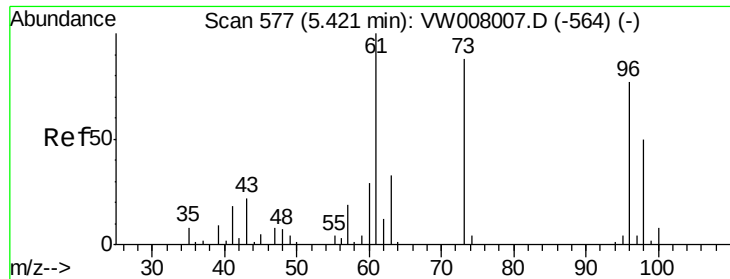
Tgt Ion: 73 Resp: 20227
Ion Ratio Lower Upper
73 100
57 18.2 15.4 23.0



#20
Methylene Chloride
Concen: 22.903 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 84 Resp: 17032
Ion Ratio Lower Upper
84 100
49 103.3 87.7 131.5
51 35.3 27.3 40.9
86 59.8 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.076 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

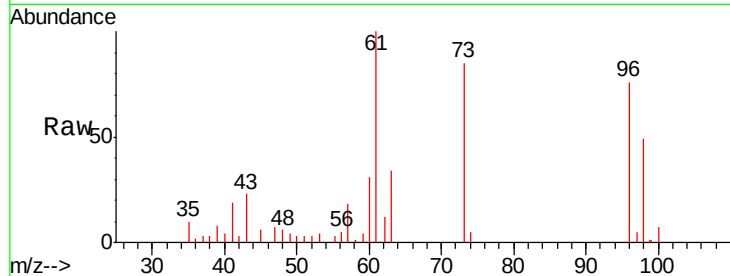
Tgt Ion: 96 Resp: 13895

Ion Ratio Lower Upper

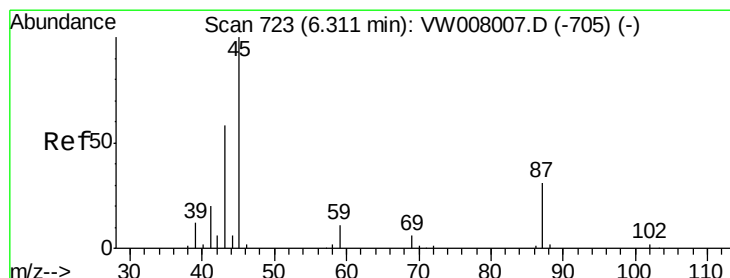
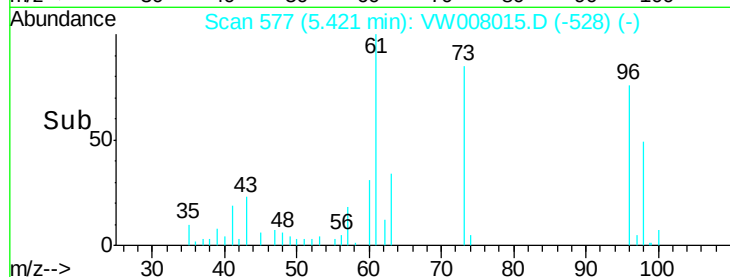
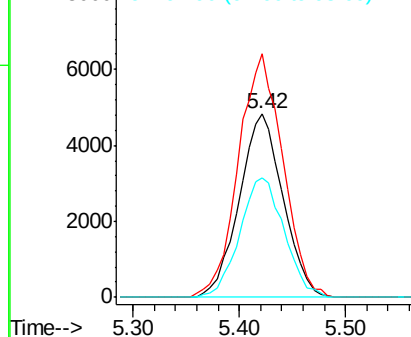
96 100

61 132.3 104.2 156.2

98 64.7 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: 19.770 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Tgt Ion: 45 Resp: 32184

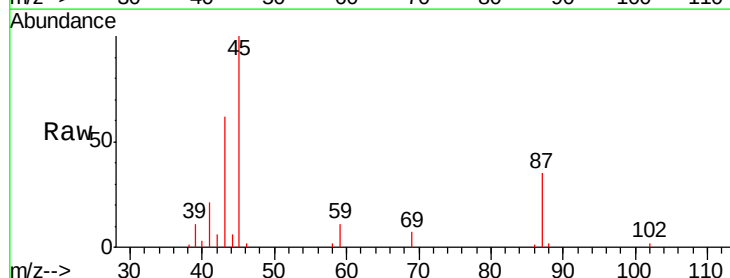
Ion Ratio Lower Upper

45 100

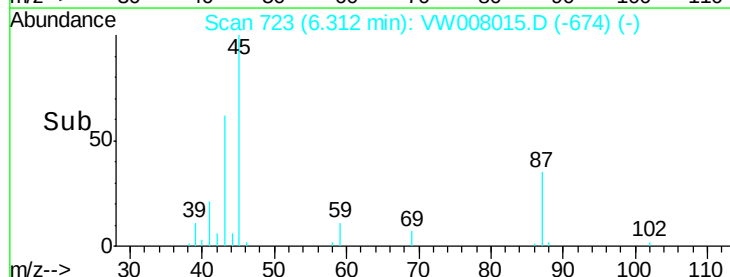
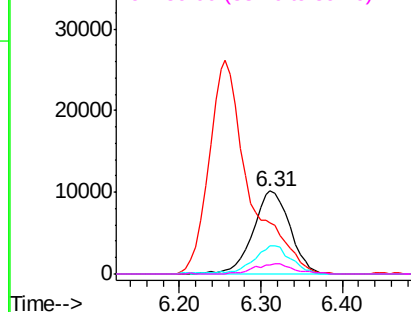
43 62.1 48.1 72.1

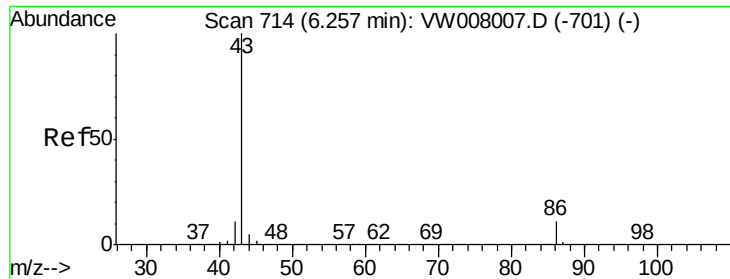
87 34.7 25.8 38.8

59 11.1 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: 97.906 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

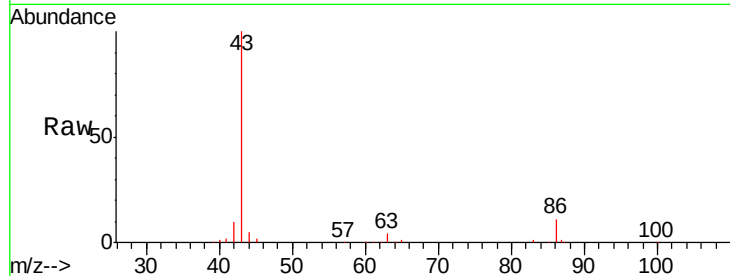
VW0103SBSD01

Tgt Ion: 43 Resp: 89175

Ion Ratio Lower Upper

43 100

86 11.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

30000

25000

20000

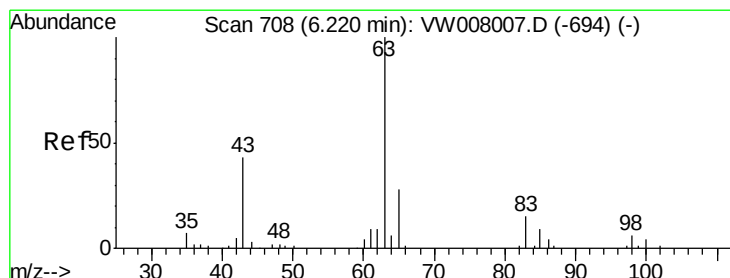
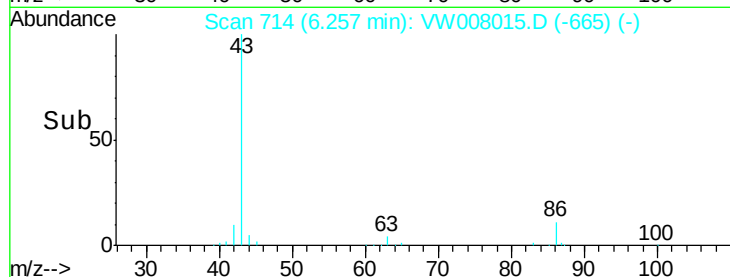
15000

10000

5000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.112 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

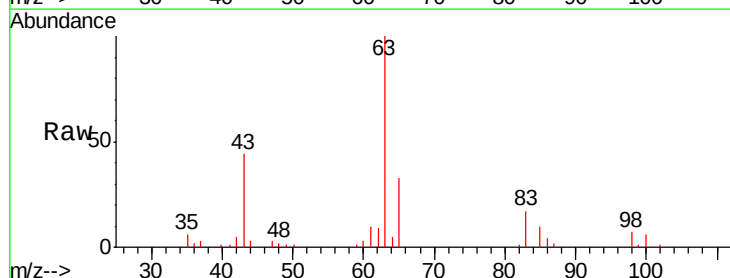
Tgt Ion: 63 Resp: 23117

Ion Ratio Lower Upper

63 100

98 7.2 3.2 9.6

100 6.4 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

10000

8000

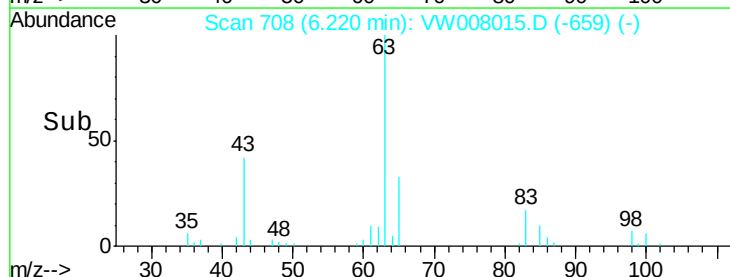
6000

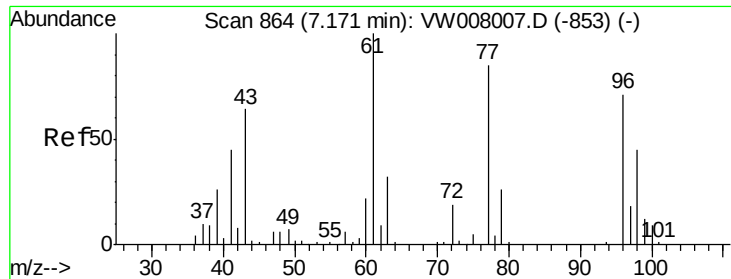
4000

2000

0

Time-->

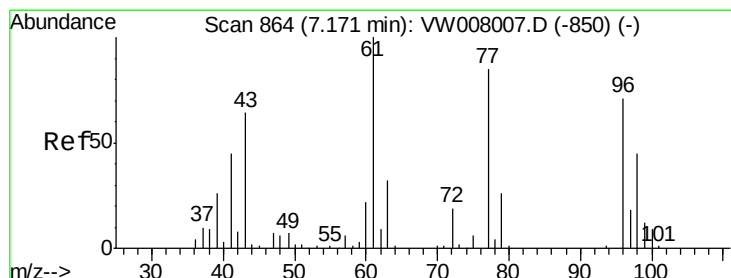
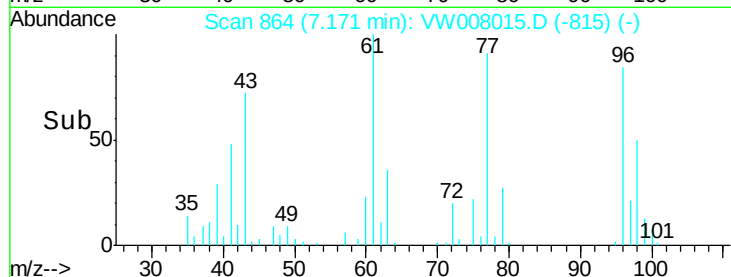
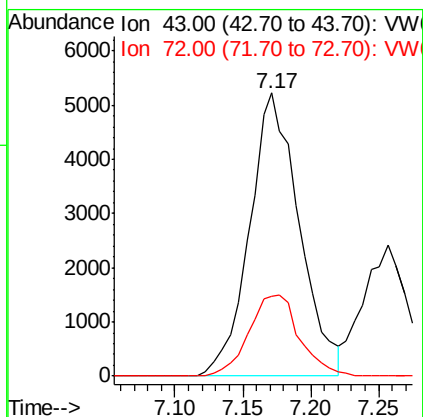
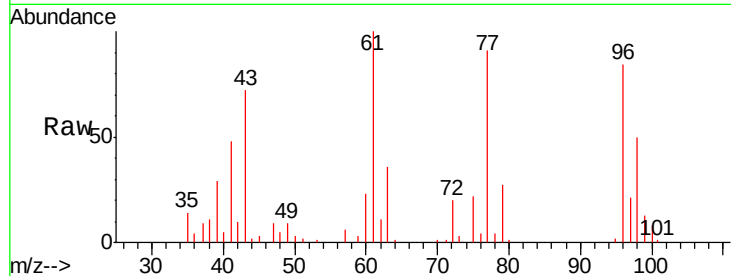




#25
2-Butanone
Concen: 99.329 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

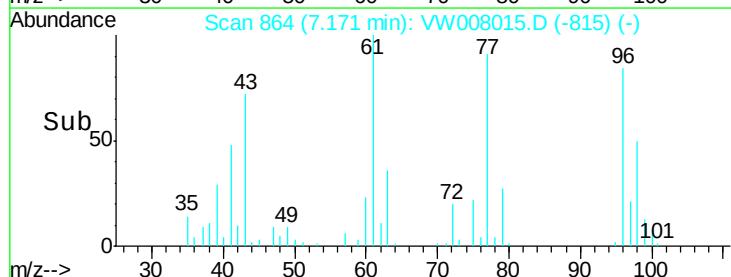
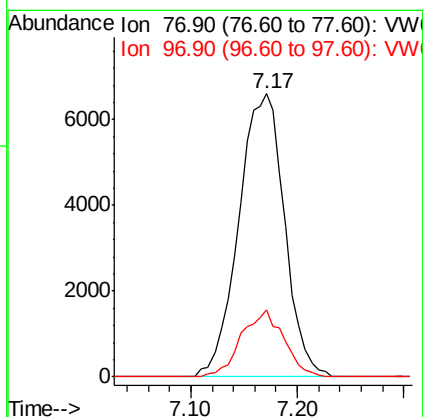
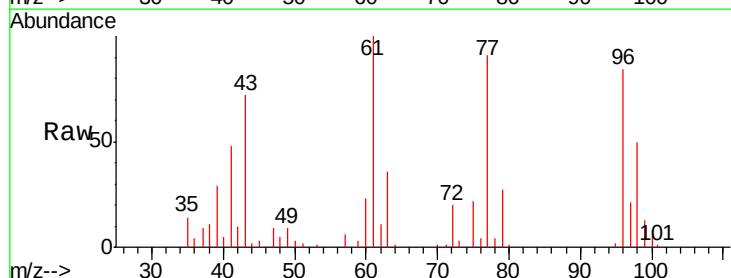
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

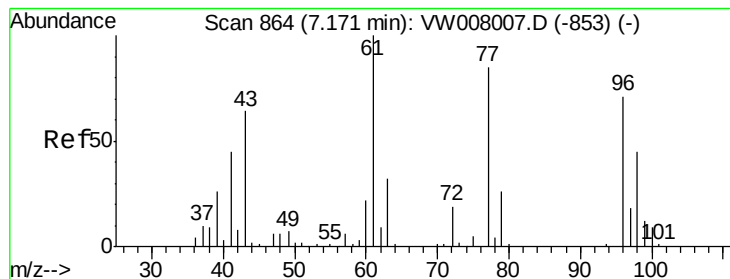
Tgt Ion: 43 Resp: 13361
Ion Ratio Lower Upper
43 100
72 28.1 23.8 35.8



#26
2,2-Dichloropropane
Concen: 19.925 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 77 Resp: 19856
Ion Ratio Lower Upper
77 100
97 22.0 11.0 33.0



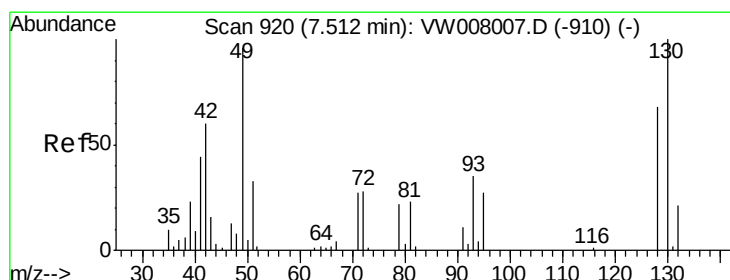
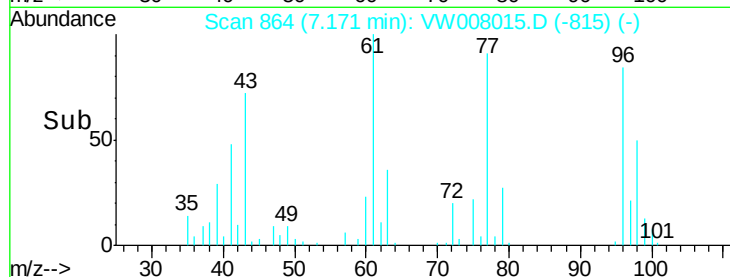
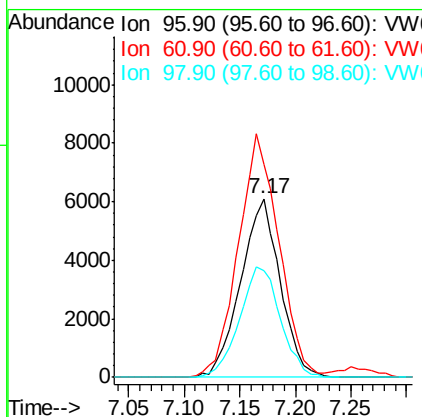
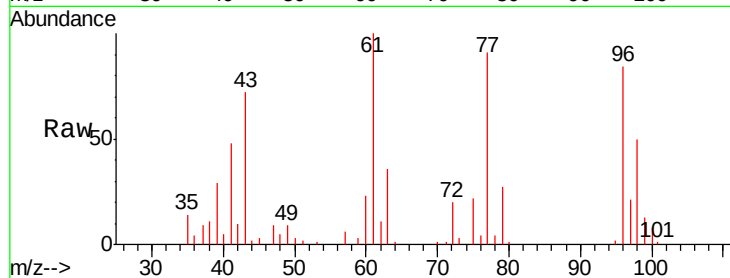


#27

cis-1,2-Dichloroethene
Concen: 19.378 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

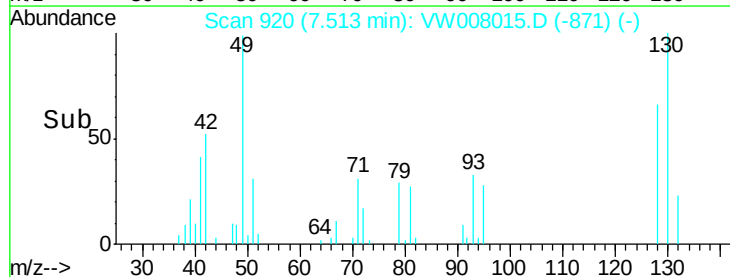
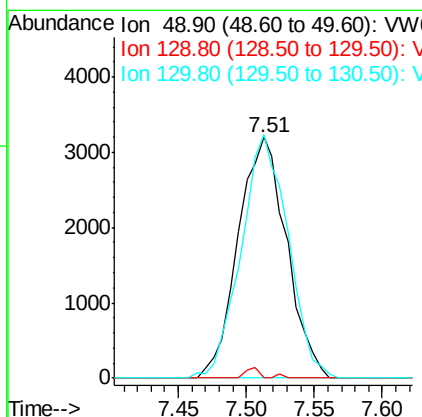
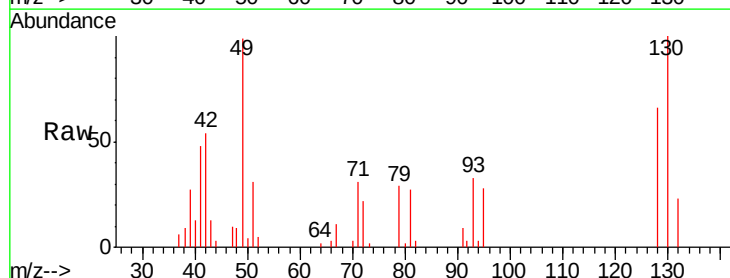
Tgt Ion: 96 Resp: 15035
Ion Ratio Lower Upper
96 100
61 140.2 0.0 286.4
98 64.1 0.0 130.6

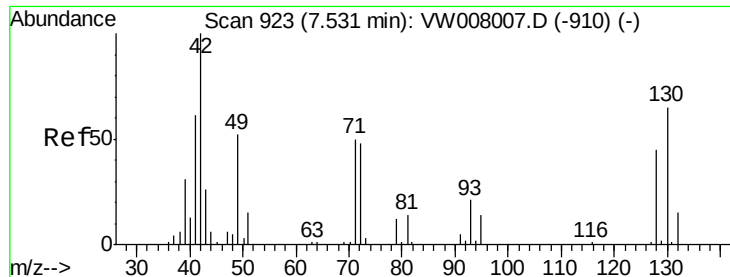


#28

Bromochloromethane
Concen: 20.416 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 49 Resp: 7937
Ion Ratio Lower Upper
49 100
129 1.1 0.0 0.8#
130 98.3 78.5 117.7

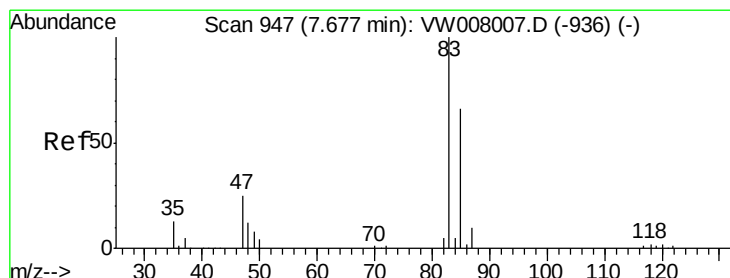
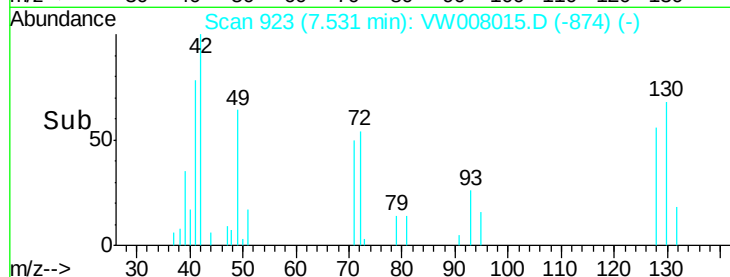
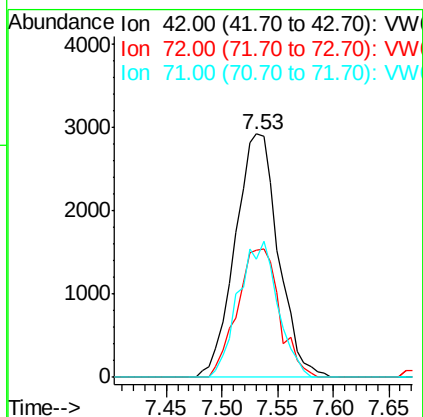
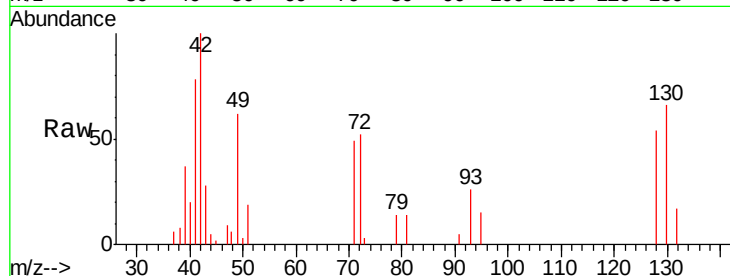




#29
Tetrahydrofuran
Concen: 94.359 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

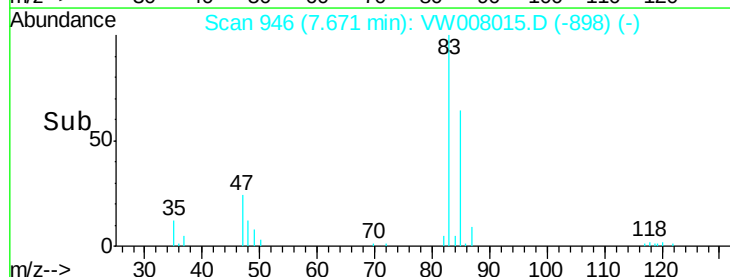
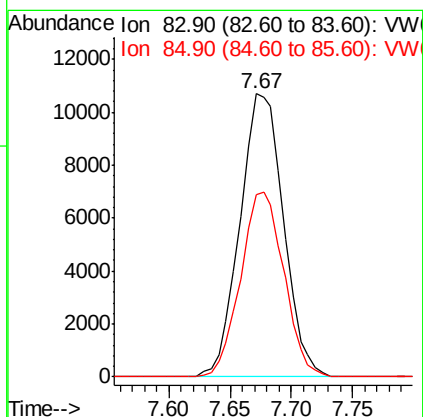
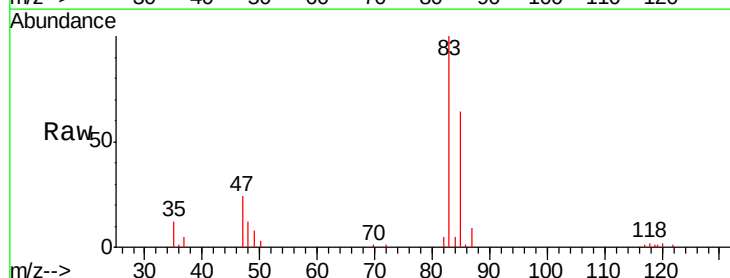
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

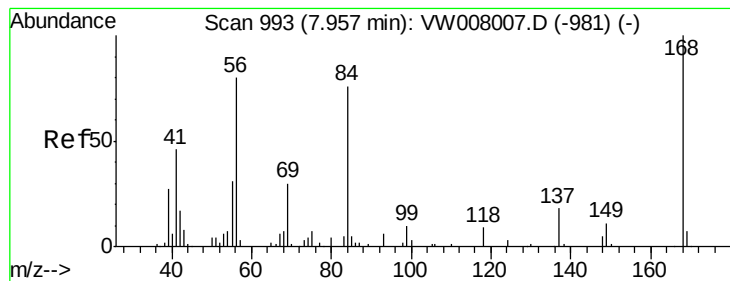
Tgt Ion: 42 Resp: 7884
Ion Ratio Lower Upper
42 100
72 51.7 39.0 58.6
71 50.7 39.1 58.7



#30
Chloroform
Concen: 19.550 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 83 Resp: 26502
Ion Ratio Lower Upper
83 100
85 64.2 52.7 79.1





#31

Cyclohexane

Concen: 18.560 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

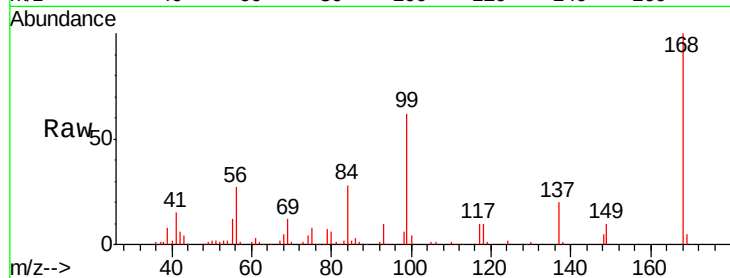
Tgt Ion: 56 Resp: 20924

Ion Ratio Lower Upper

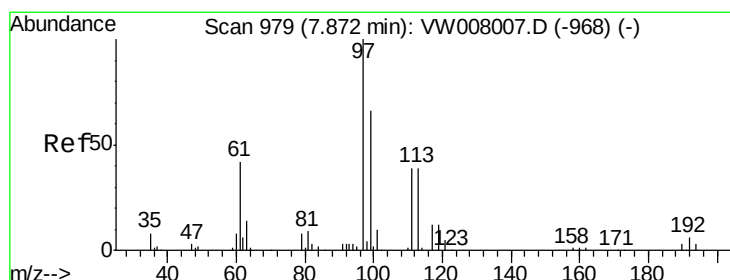
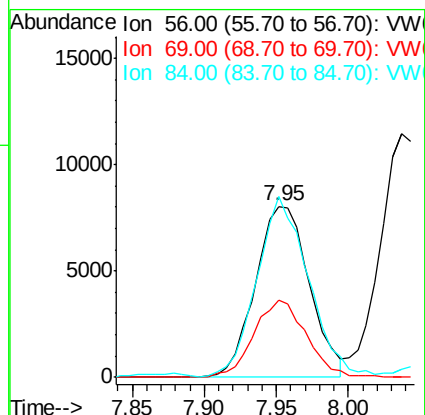
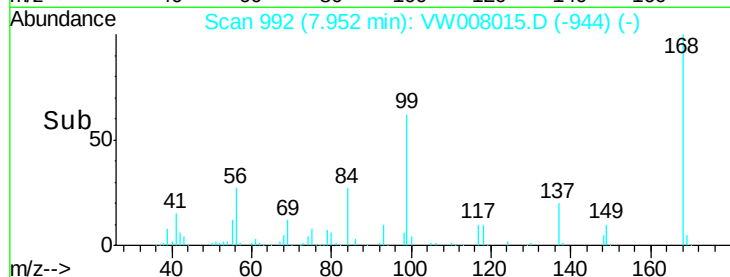
56 100

69 45.2 29.8 44.6#

84 104.6 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: 19.204 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

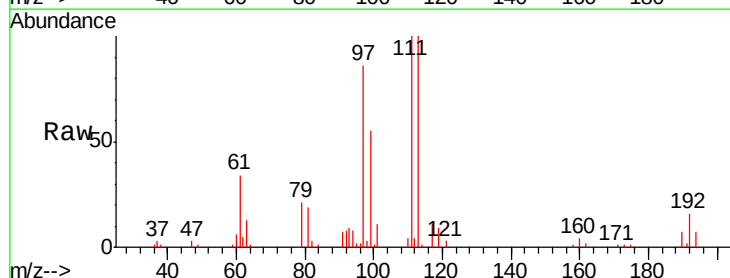
Tgt Ion: 97 Resp: 24910

Ion Ratio Lower Upper

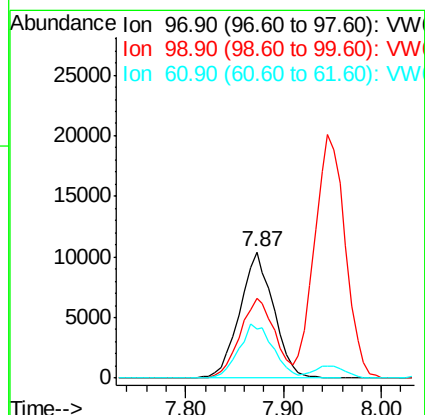
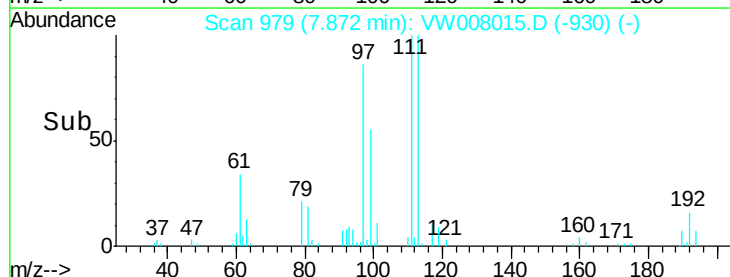
97 100

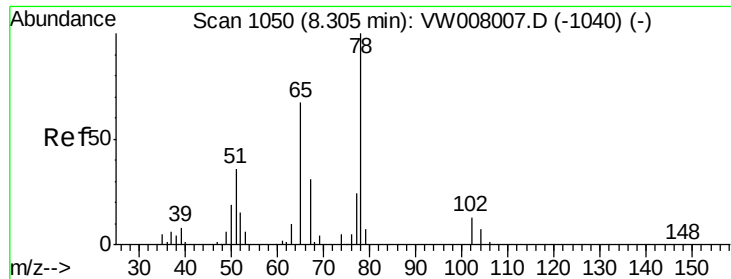
99 65.2 51.5 77.3

61 43.3 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

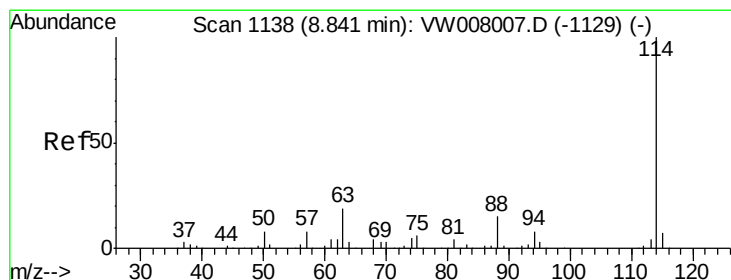
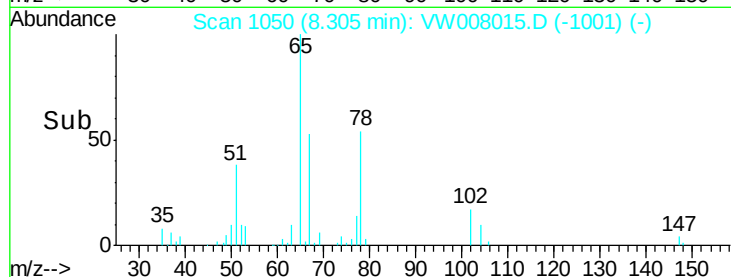
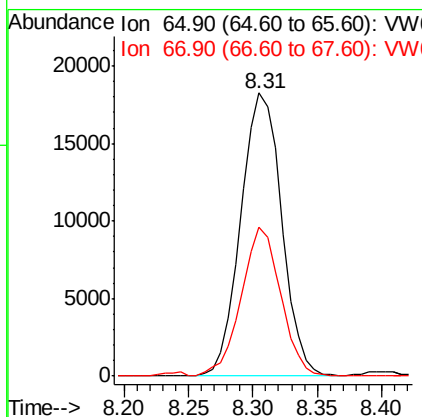
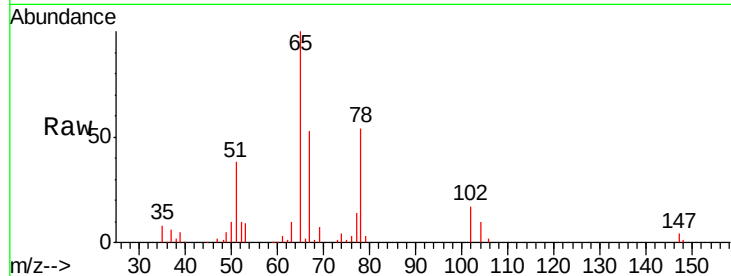




#33
 1,2-Dichloroethane-d4
 Concen: 54.453 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

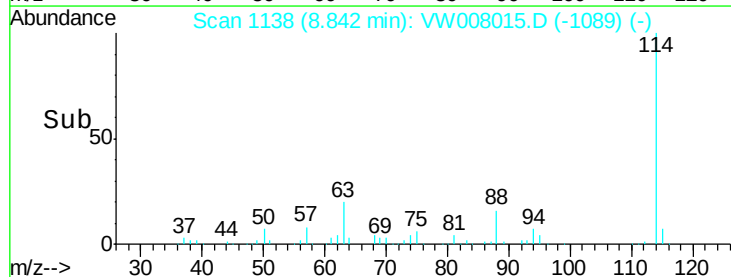
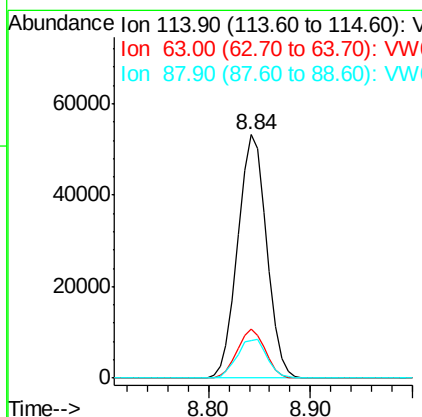
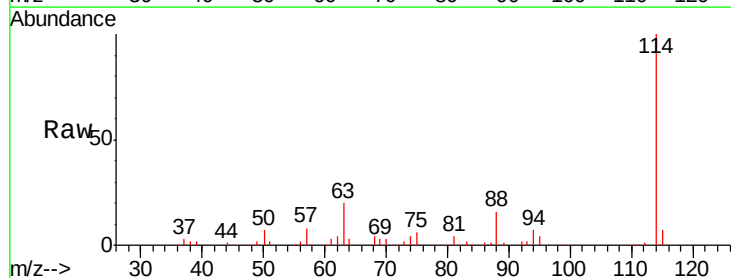
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBSD01

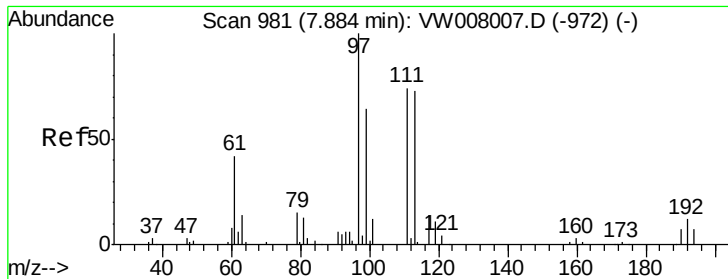
Tgt Ion: 65 Resp: 40161
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion: 114 Resp: 104356
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.8
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 55.052 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

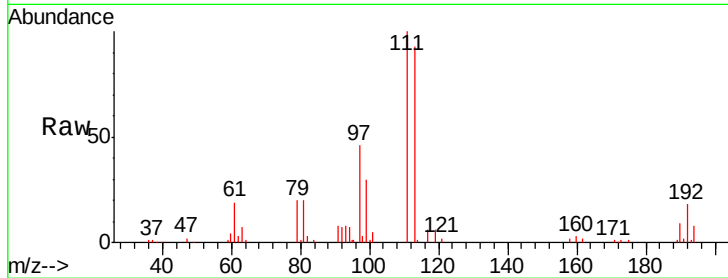
Tgt Ion:113 Resp: 36217

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

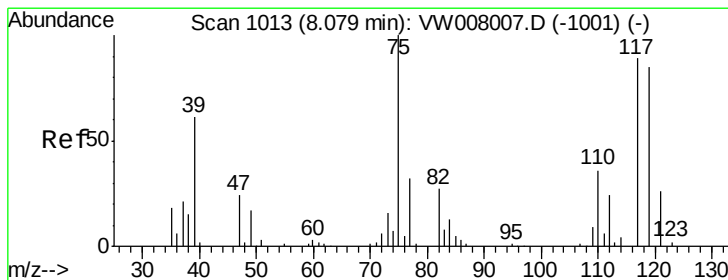
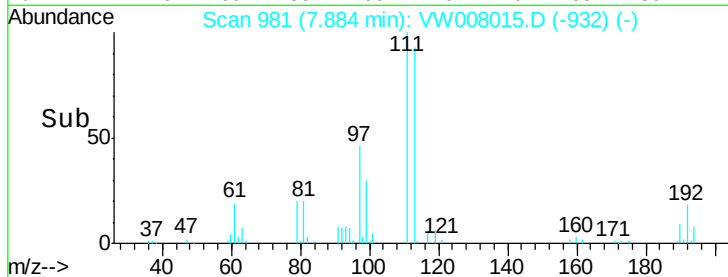
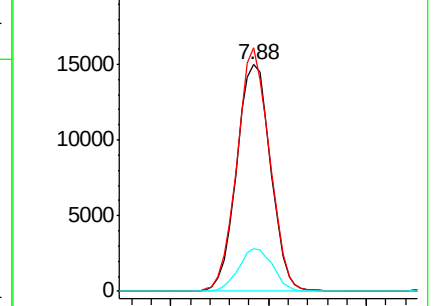
192 19.0 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.631 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

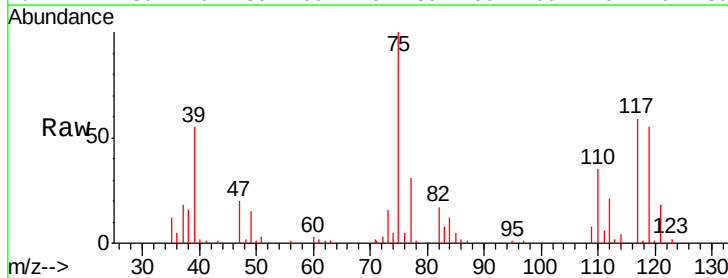
Tgt Ion: 75 Resp: 20209

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.3

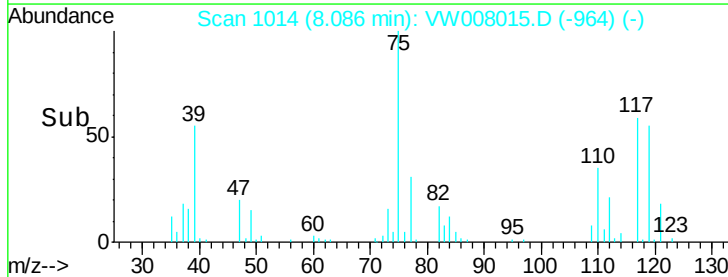
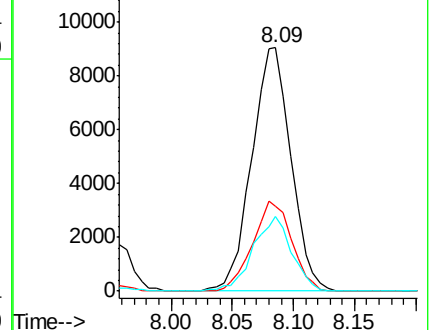
77 30.1 25.3 37.9

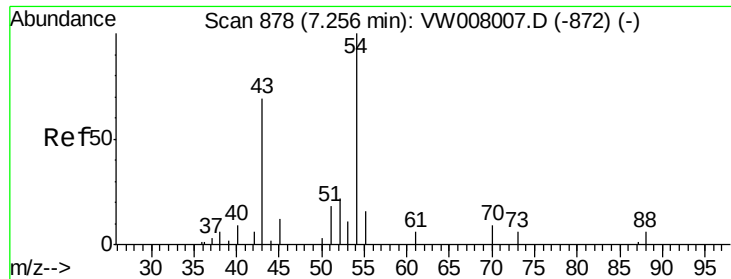


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

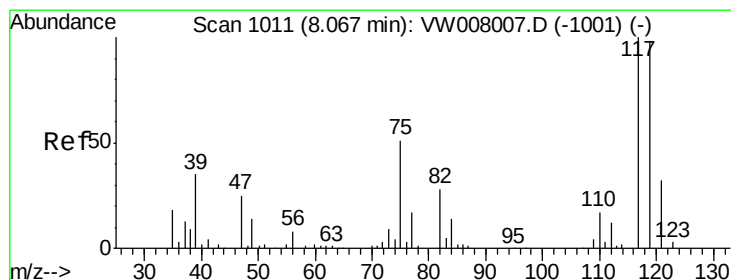
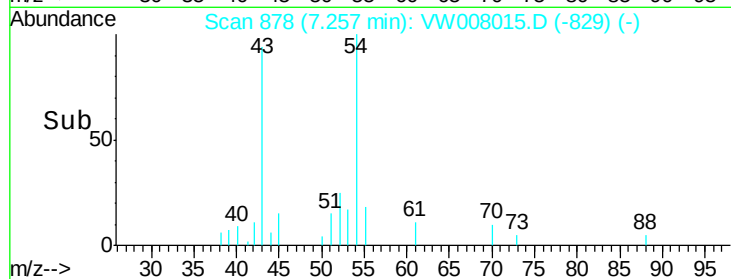
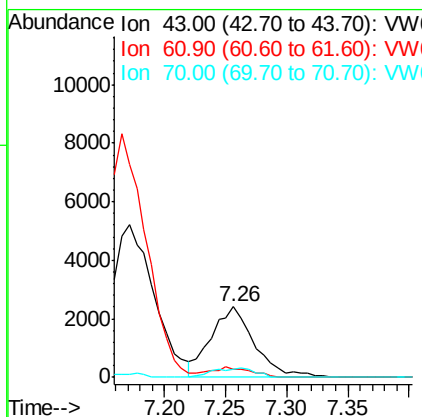
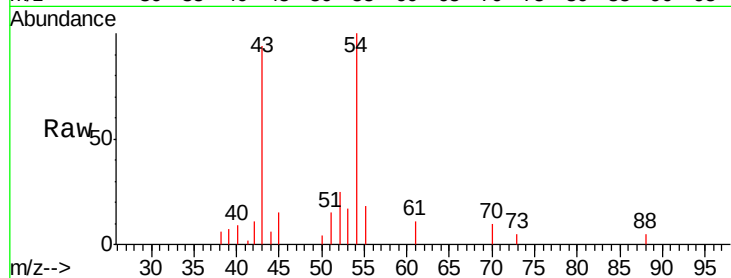




#37
Ethyl Acetate
Concen: 19.242 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

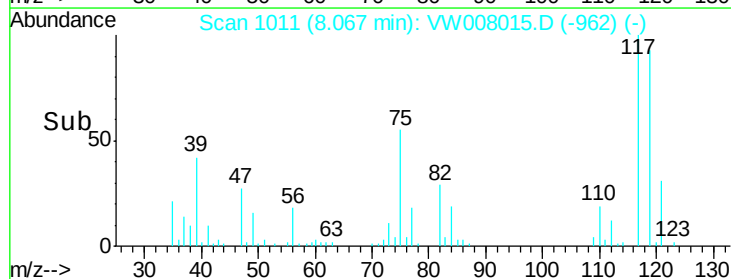
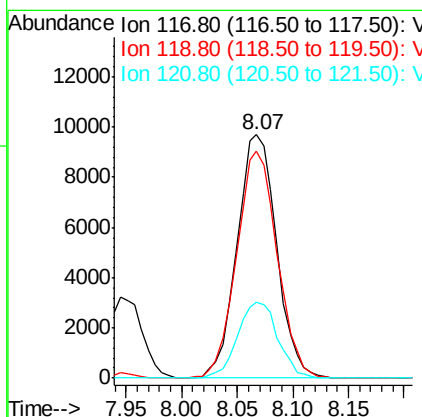
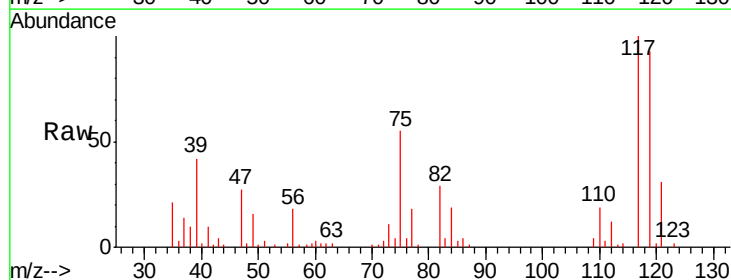
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

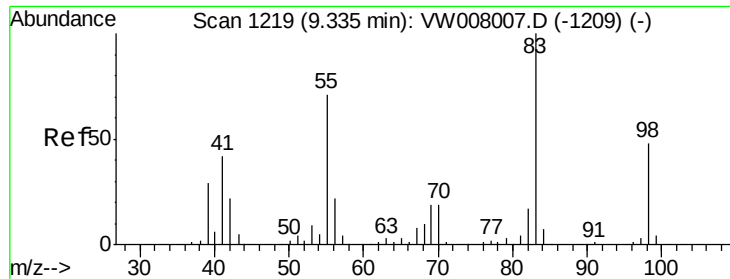
Tgt Ion: 43 Resp: 5950
Ion Ratio Lower Upper
43 100
61 13.5 11.4 17.2
70 12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.388 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 117 Resp: 23919
Ion Ratio Lower Upper
117 100
119 93.1 78.7 118.1
121 31.4 25.8 38.8

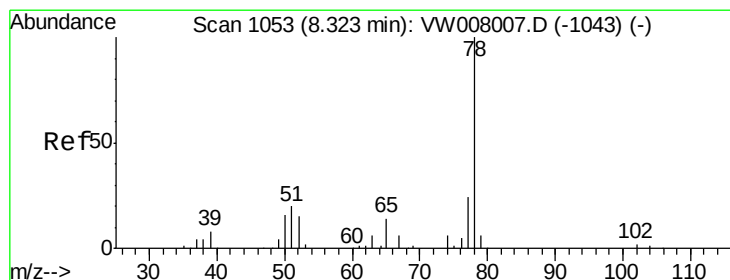
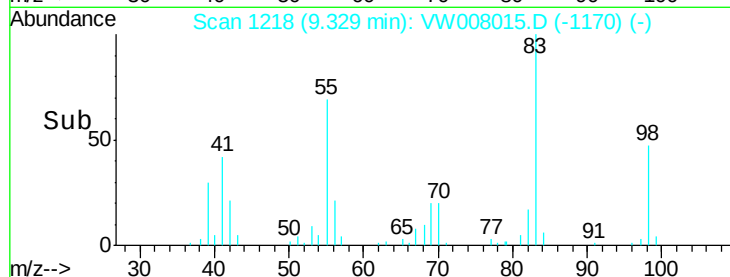
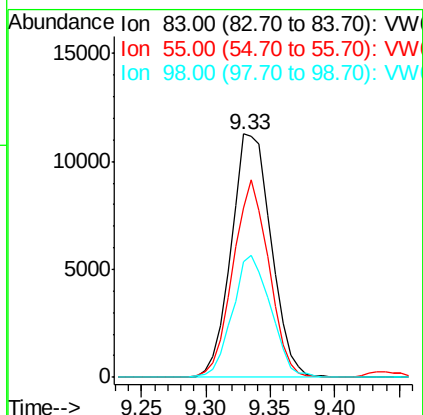
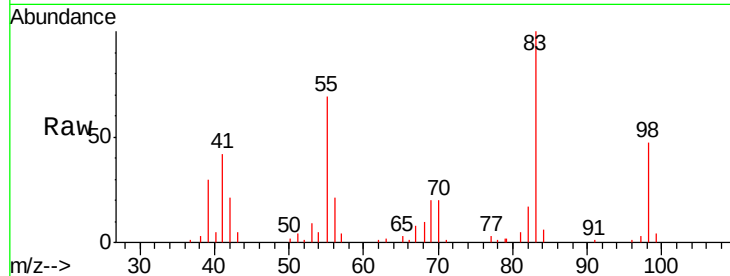




#39
Methylcyclohexane
Concen: 18.911 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

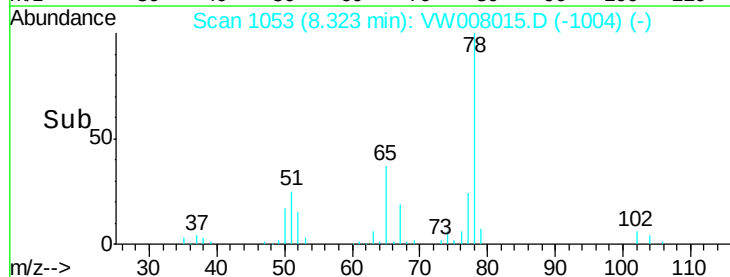
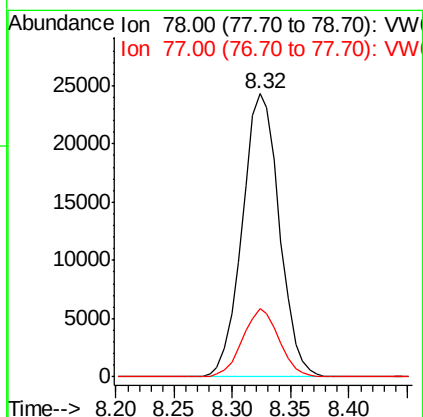
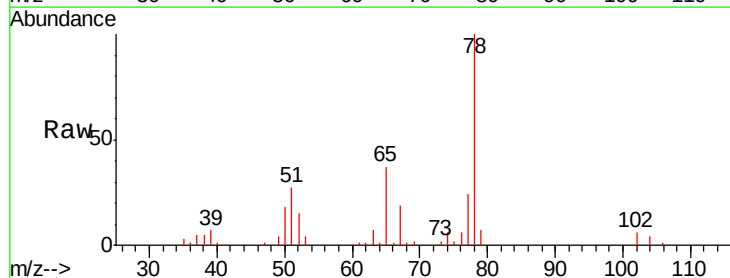
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

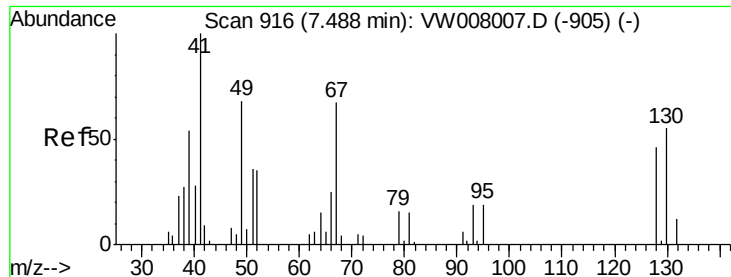
Tgt Ion: 83 Resp: 24266
Ion Ratio Lower Upper
83 100
55 69.3 56.8 85.2
98 47.5 38.6 58.0



#40
Benzene
Concen: 19.801 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 78 Resp: 53775
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

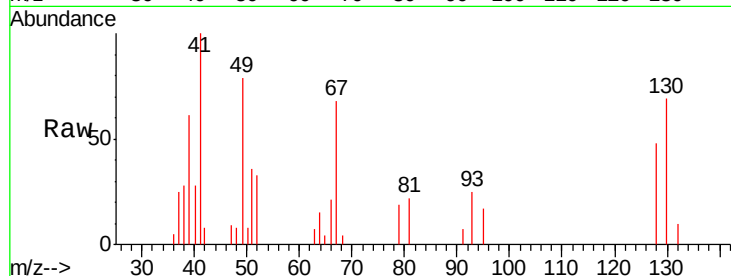




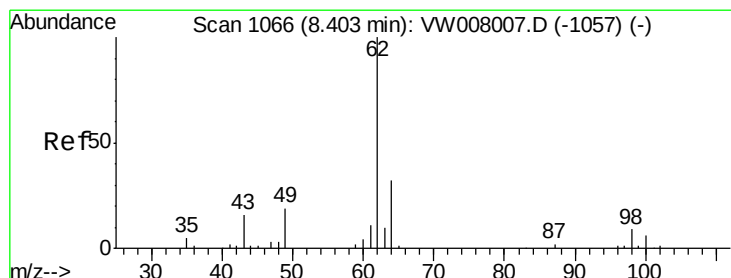
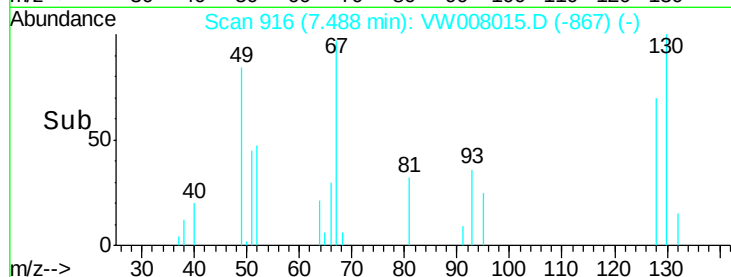
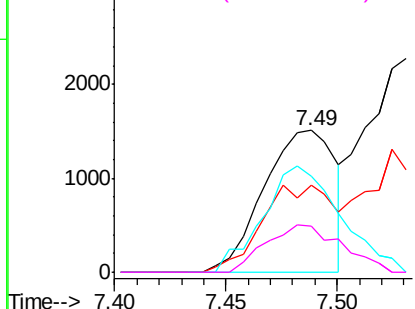
#41
Methacrylonitrile
Concen: 18.520 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tgt Ion:	41	Resp:	3367
Ion	Ratio	Lower	Upper
41	100		
39	61.2	48.6	72.8
67	81.0	55.6	83.4
52	35.6	25.9	38.9

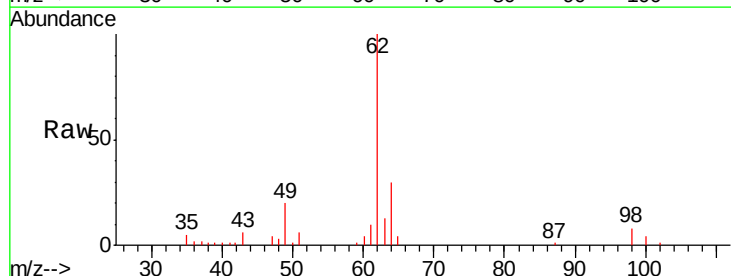


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

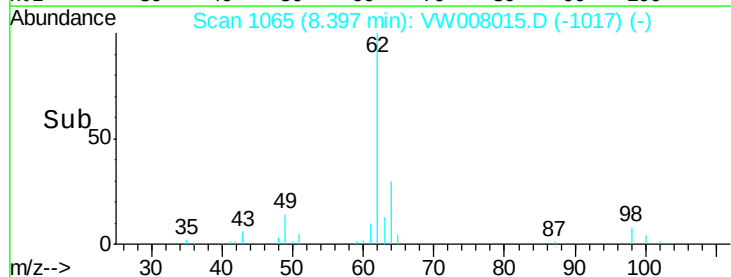
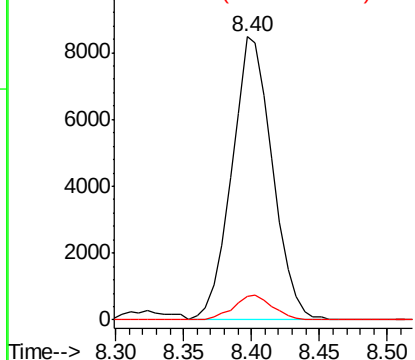


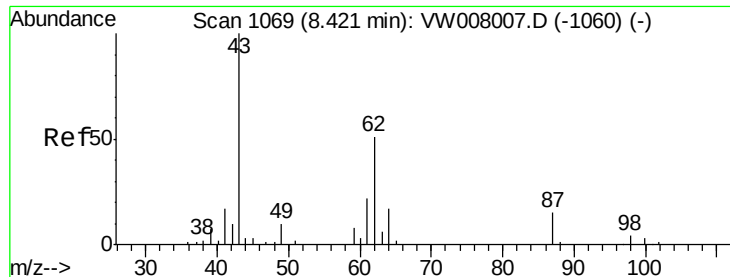
#42
1,2-Dichloroethane
Concen: 19.456 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion:	62	Resp:	17605
Ion	Ratio	Lower	Upper
62	100		
98	8.3	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: 20.729 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

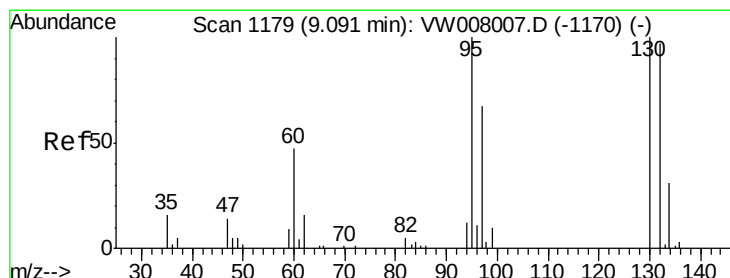
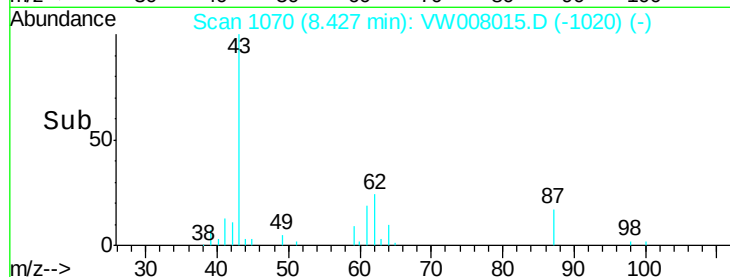
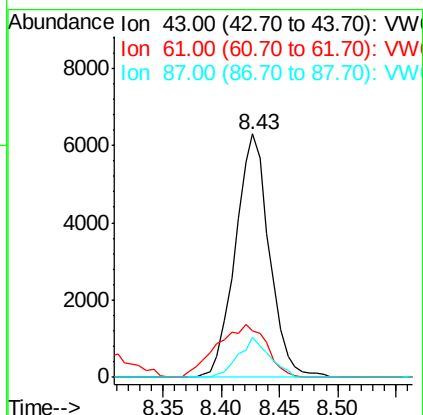
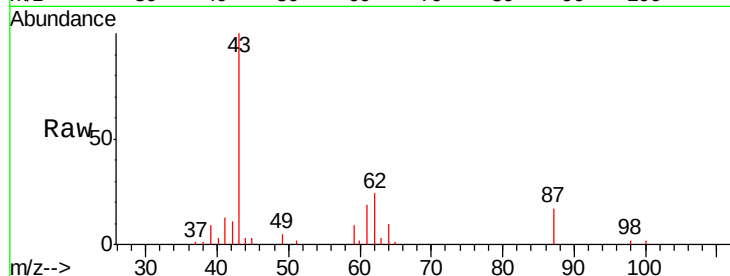
Tgt Ion: 43 Resp: 12807

Ion Ratio Lower Upper

43 100

61 31.5 26.4 39.6

87 15.0 12.0 18.0



#44

Trichloroethene

Concen: 20.060 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008015.D

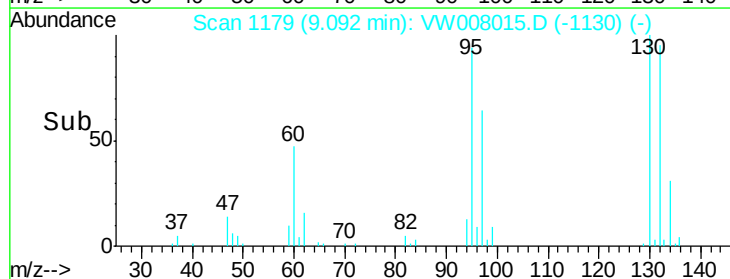
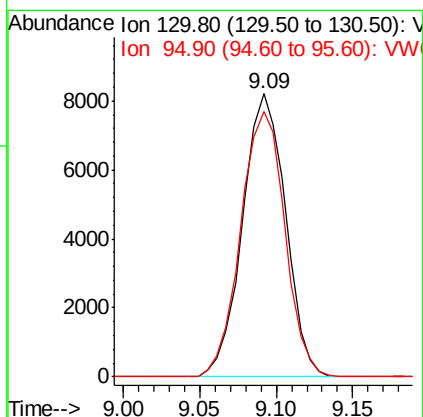
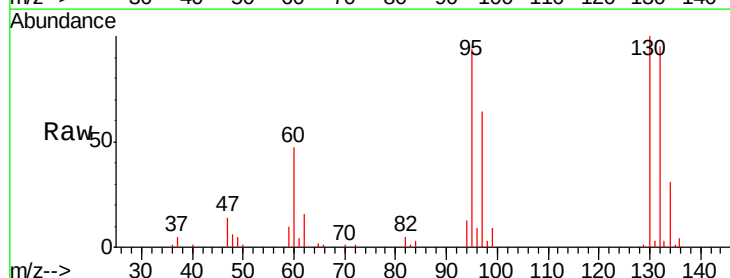
Acq: 03 Jan 2019 12:43

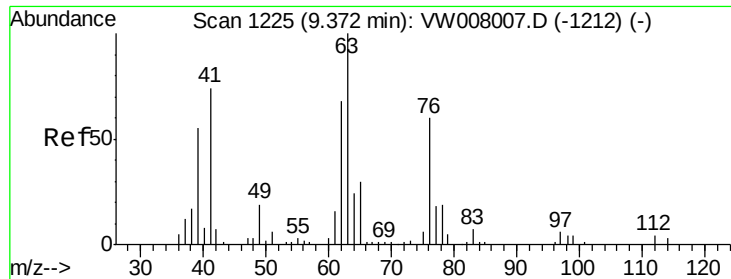
Tgt Ion: 130 Resp: 16076

Ion Ratio Lower Upper

130 100

95 93.6 0.0 200.0

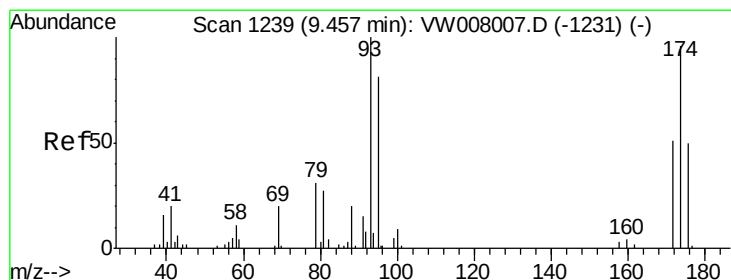
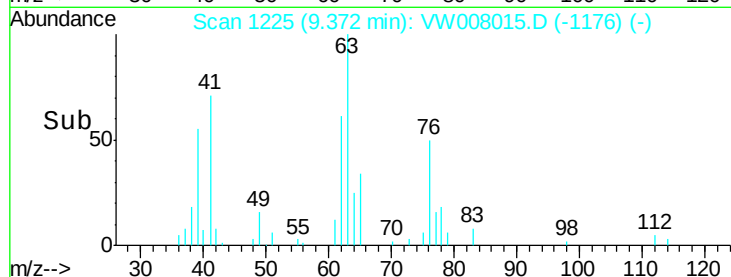
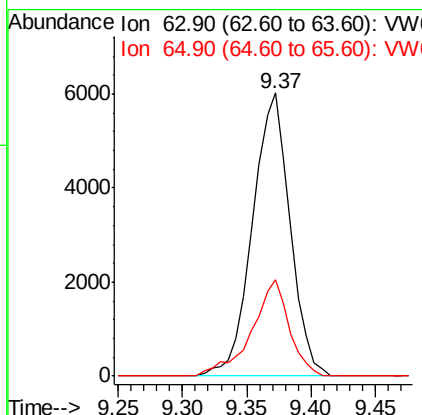
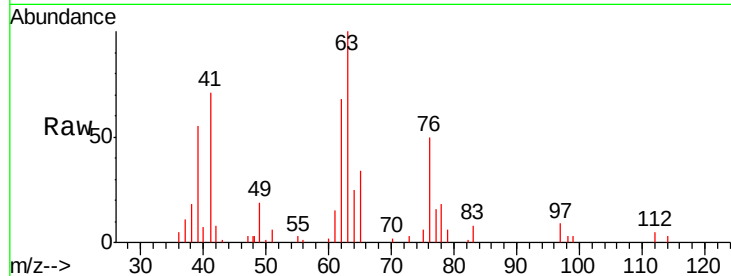




#45
 1,2-Dichloropropane
 Concen: 20.579 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

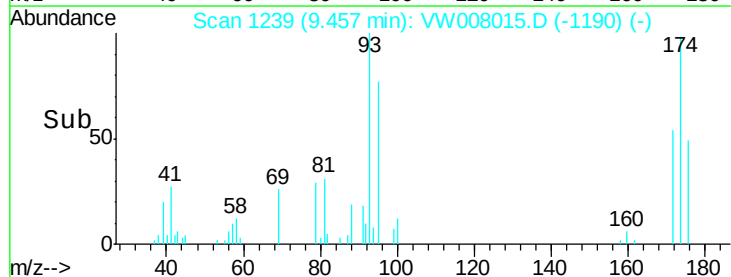
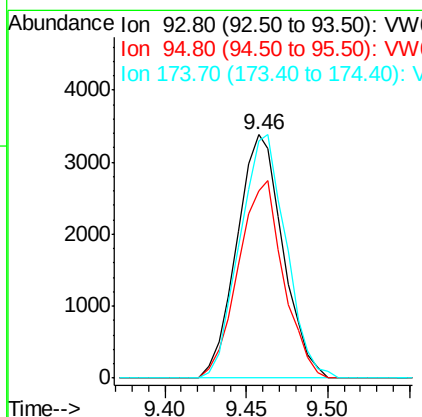
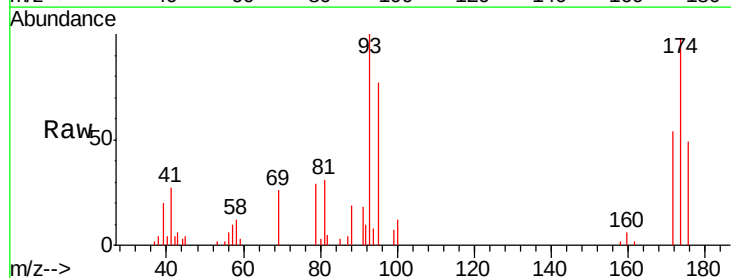
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

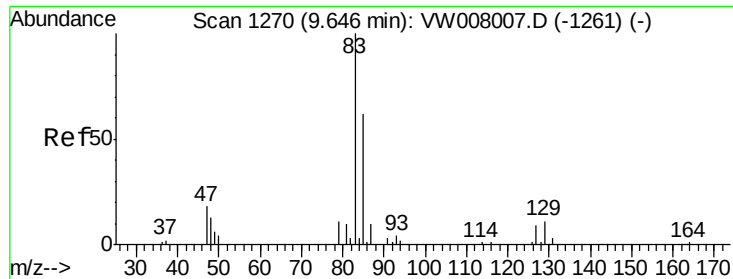
Tgt Ion: 63 Resp: 12097
 Ion Ratio Lower Upper
 63 100
 65 34.0 24.2 36.4



#46
 Dibromomethane
 Concen: 19.384 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion: 93 Resp: 6662
 Ion Ratio Lower Upper
 93 100
 95 79.1 63.9 95.9
 174 100.3 79.0 118.6





#47

Bromodichloromethane

Concen: 19.516 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

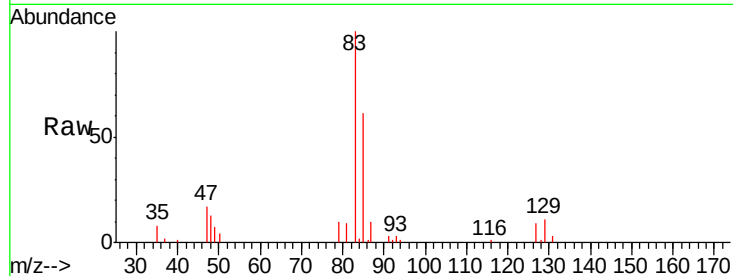
Tgt Ion: 83 Resp: 18786

Ion Ratio Lower Upper

83 100

85 61.1 49.5 74.3

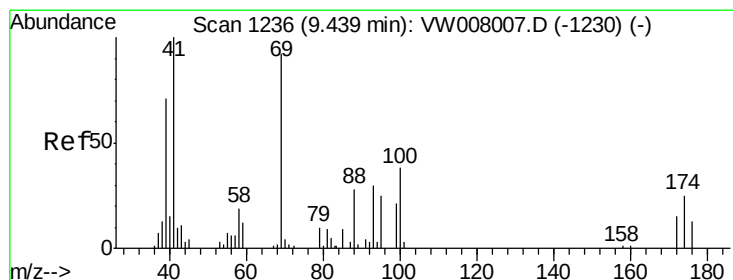
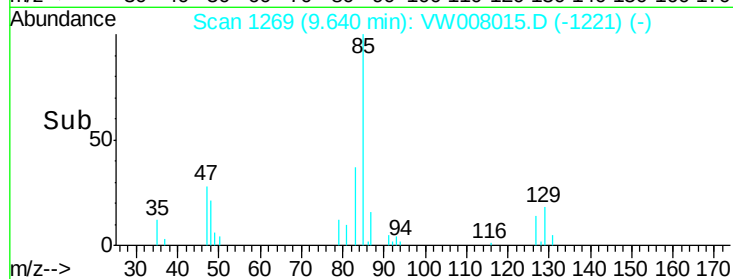
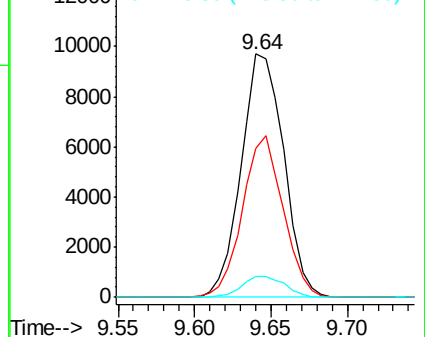
127 8.5 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 18.872 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

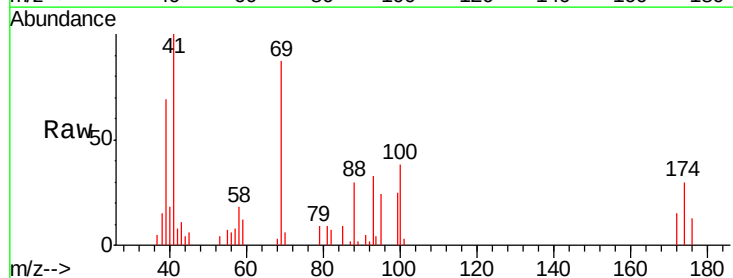
Tgt Ion: 41 Resp: 5879

Ion Ratio Lower Upper

41 100

69 92.4 72.3 108.5

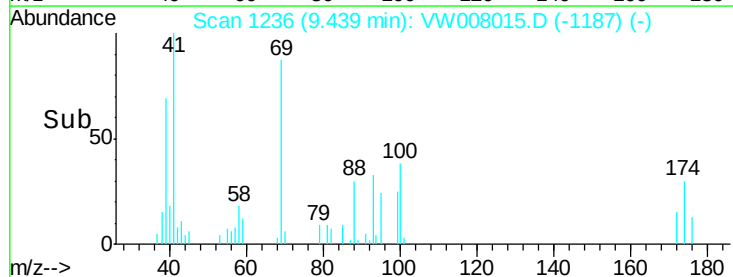
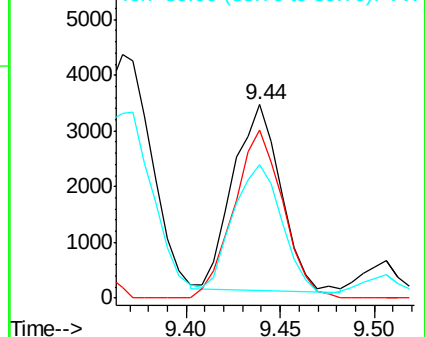
39 70.8 58.7 88.1

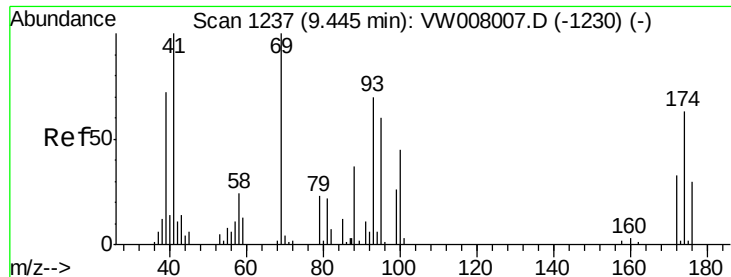


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 399.925 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

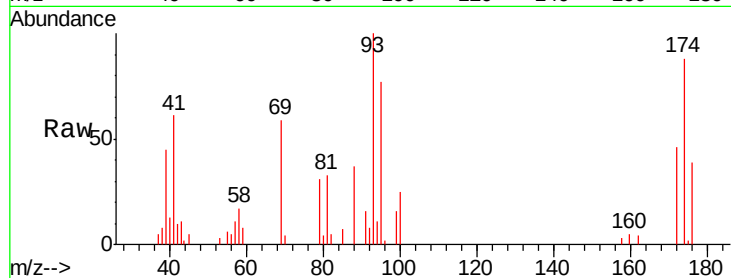
Tgt Ion: 88 Resp: 2034

Ion Ratio Lower Upper

88 100

43 40.2 26.8 40.2#

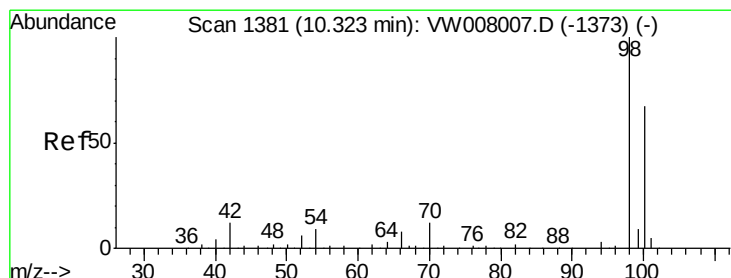
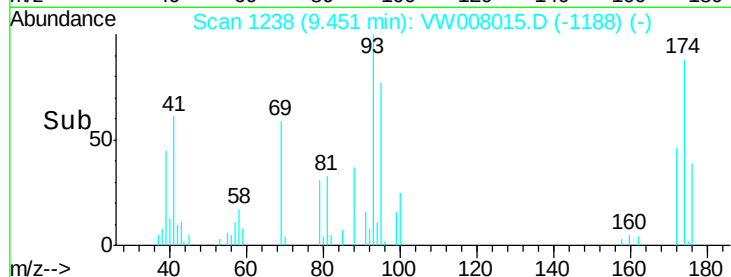
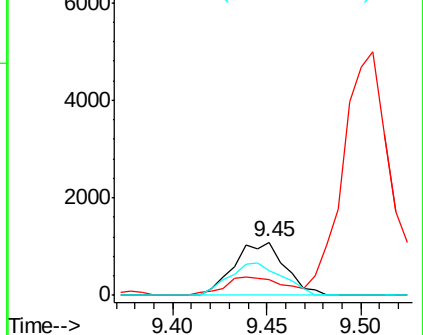
58 63.7 55.8 83.6



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: 56.047 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008015.D

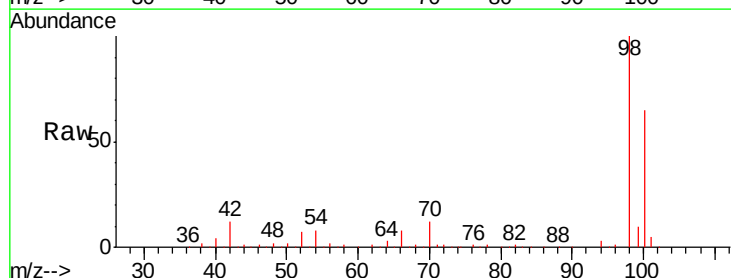
Acq: 03 Jan 2019 12:43

Tgt Ion: 98 Resp: 138314

Ion Ratio Lower Upper

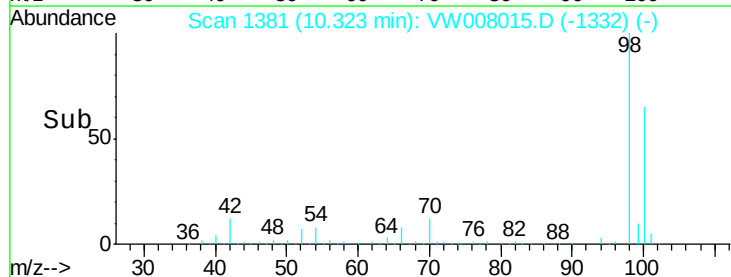
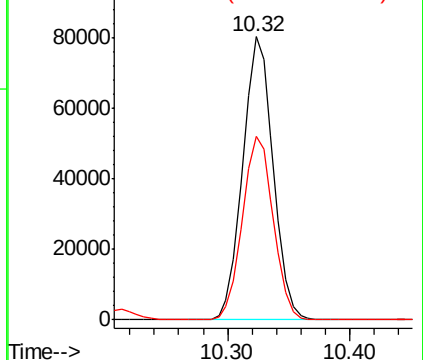
98 100

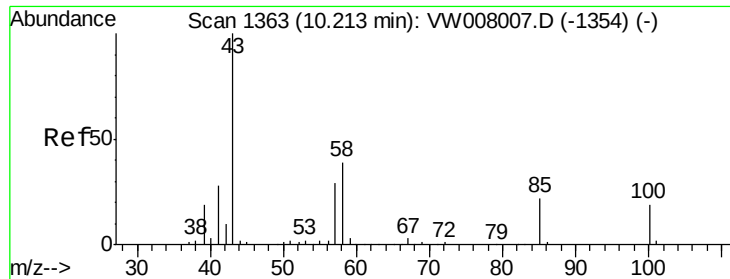
100 66.0 52.9 79.3



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: 99.370 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

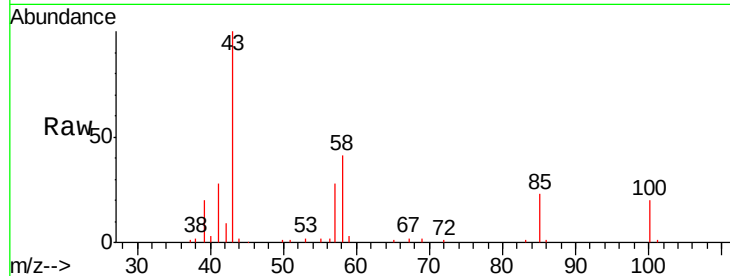
VW0103SBS01

Tgt Ion: 43 Resp: 28419

Ion Ratio Lower Upper

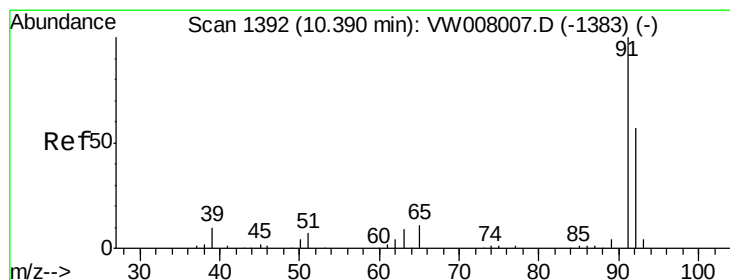
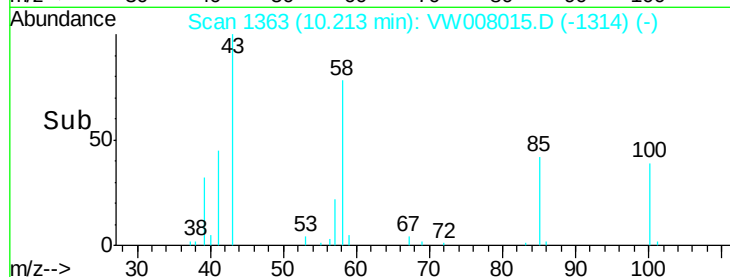
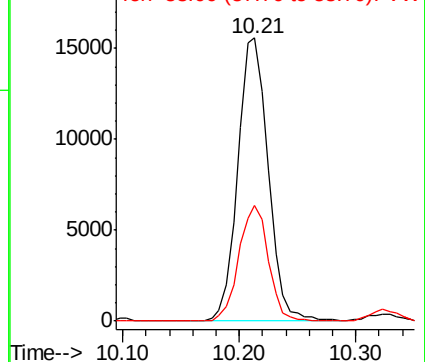
43 100

58 39.6 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.487 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008015.D

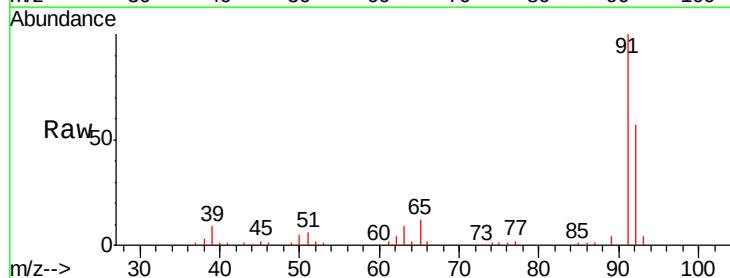
Acq: 03 Jan 2019 12:43

Tgt Ion: 92 Resp: 34938

Ion Ratio Lower Upper

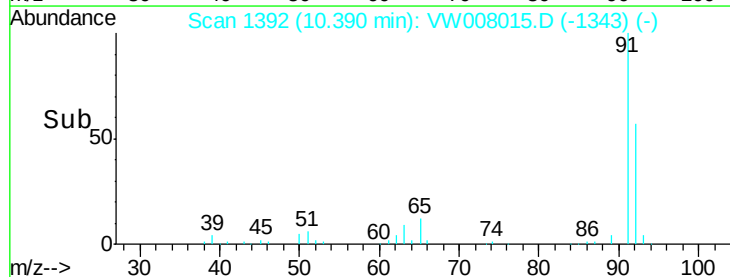
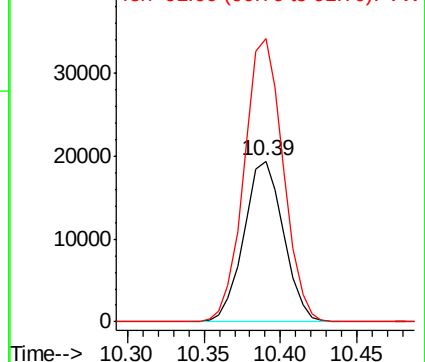
92 100

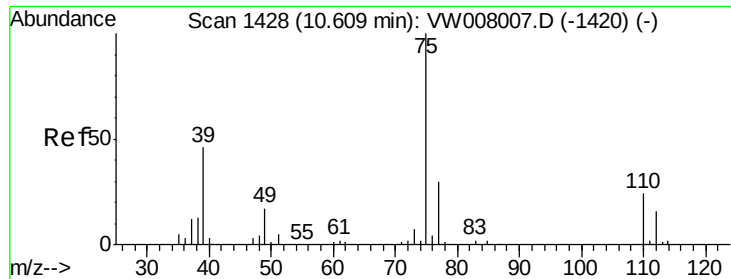
91 173.8 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

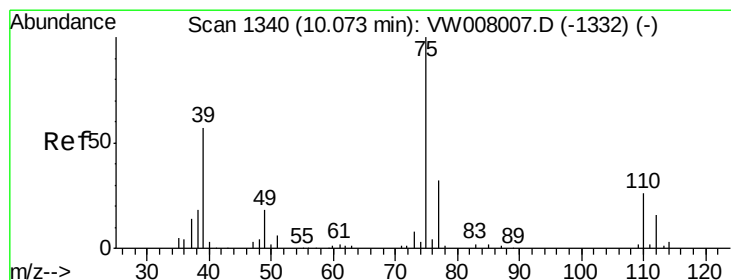
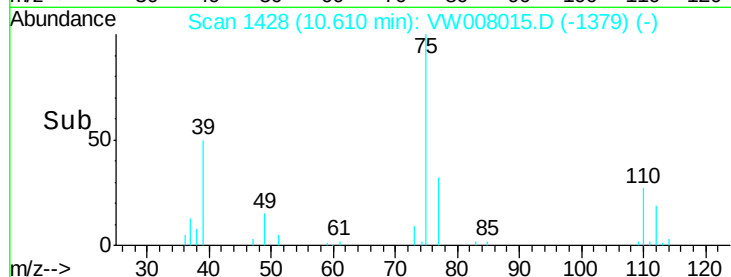
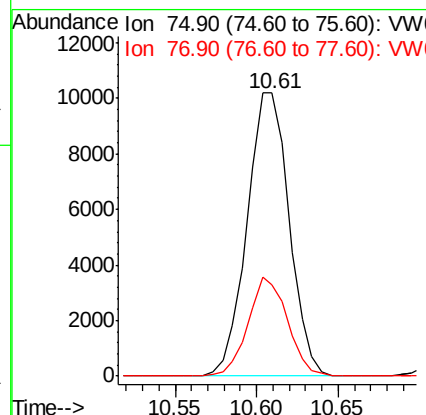
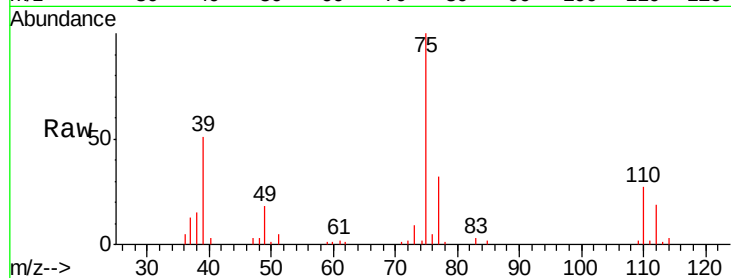




#53
 t-1,3-Dichloropropene
 Concen: 19.773 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

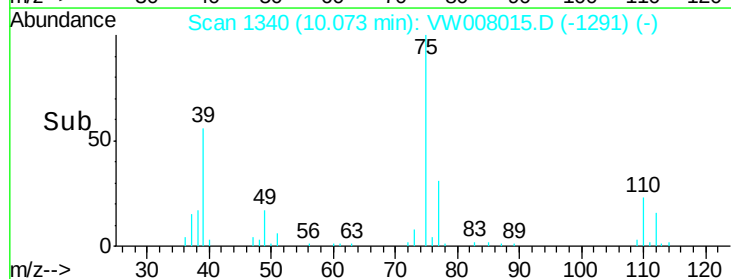
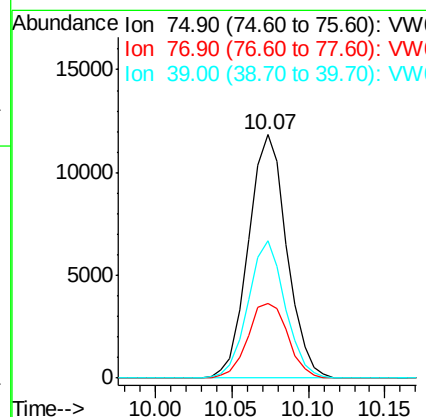
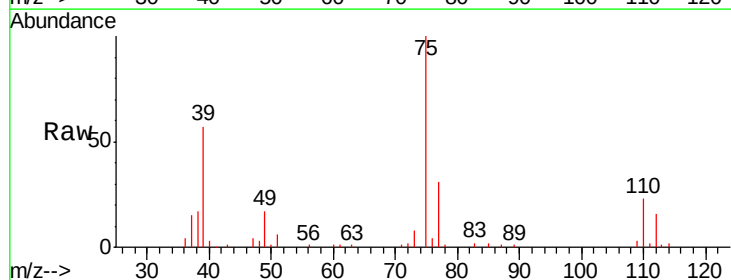
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBSD01

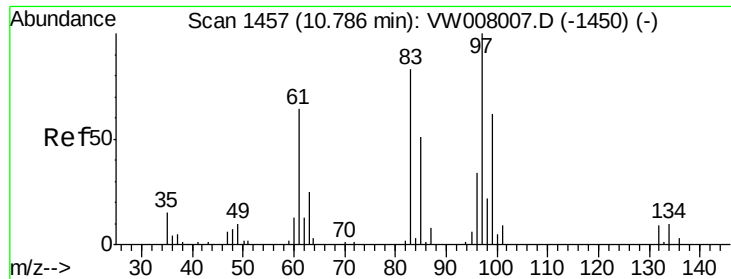
Tgt Ion: 75 Resp: 18302
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.006 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion: 75 Resp: 20664
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.9 38.9
 39 56.7 45.4 68.0

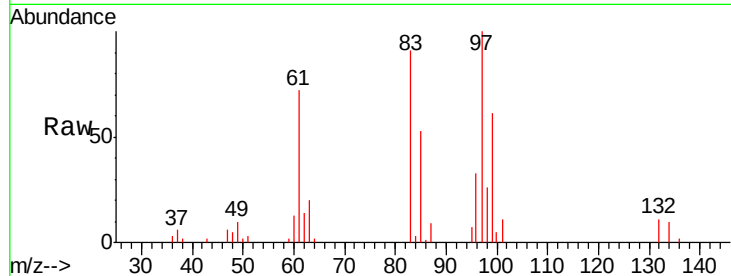




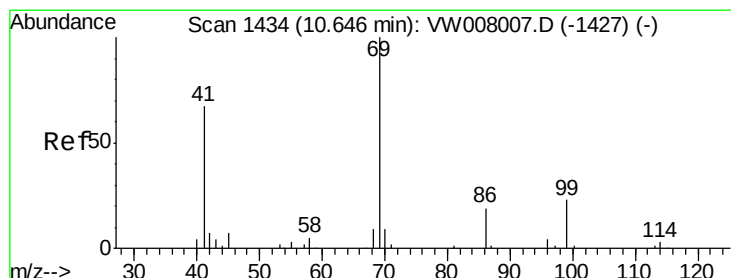
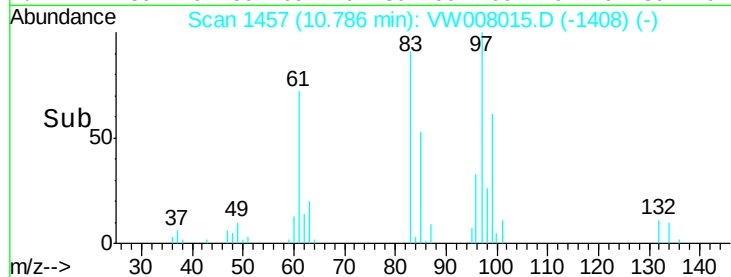
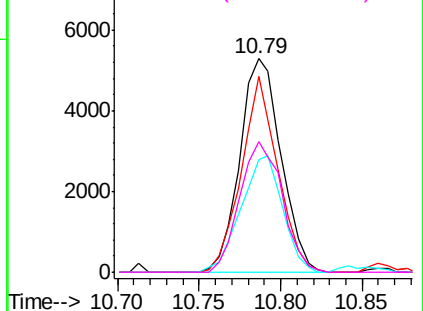
#55
 1,1,2-Trichloroethane
 Concen: 20.001 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBSD01

Tgt Ion:	97	Resp:	9307
Ion	Ratio	Lower	Upper
97	100		
83	91.4	66.2	99.2
85	52.9	41.0	61.4
99	61.4	49.3	73.9

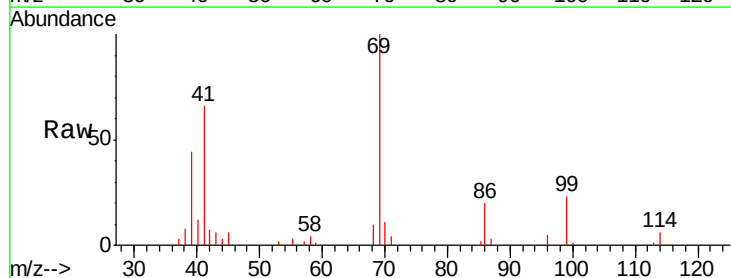


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

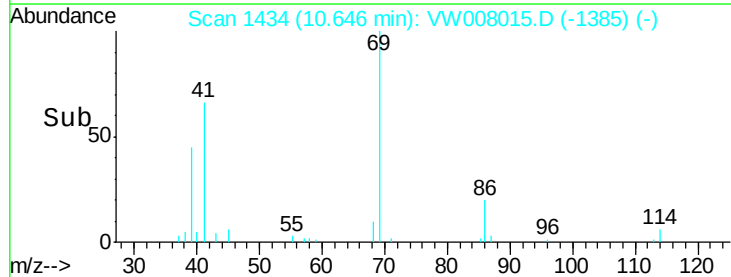
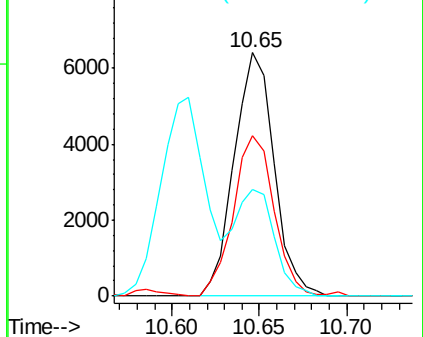


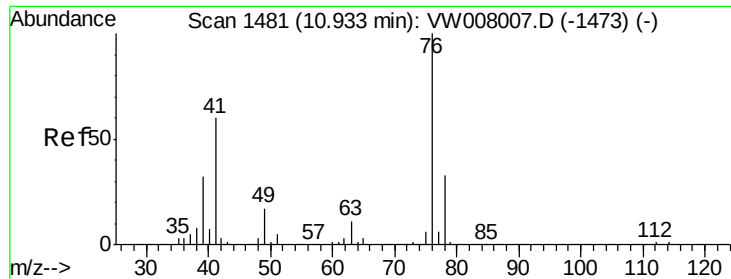
#56
 Ethyl methacrylate
 Concen: 19.399 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion:	69	Resp:	10205
Ion	Ratio	Lower	Upper
69	100		
41	67.8	52.6	79.0
39	44.1	35.8	53.6



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 19.802 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

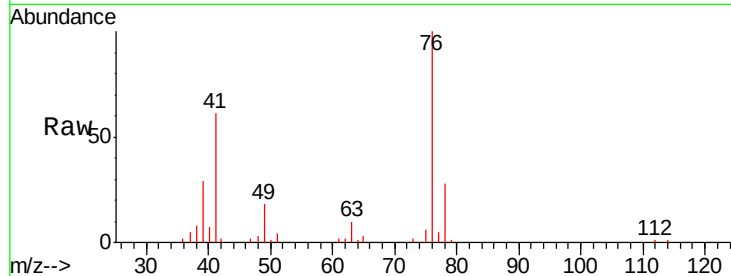
VW0103SBSD01

Tgt Ion: 76 Resp: 15657

Ion Ratio Lower Upper

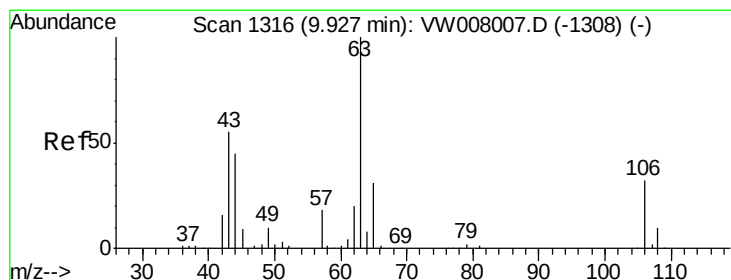
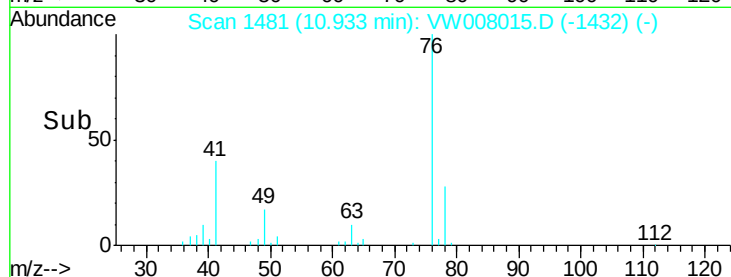
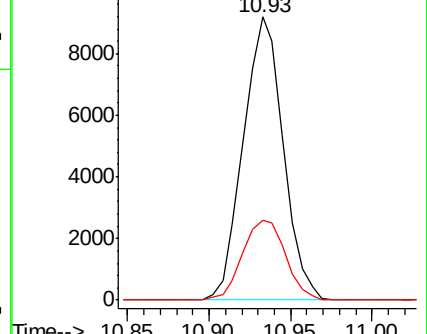
76 100

78 30.2 26.7 40.1



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 112.761 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW008015.D

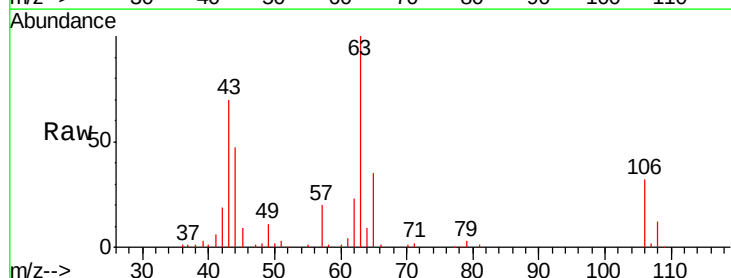
Acq: 03 Jan 2019 12:43

Tgt Ion: 63 Resp: 28132

Ion Ratio Lower Upper

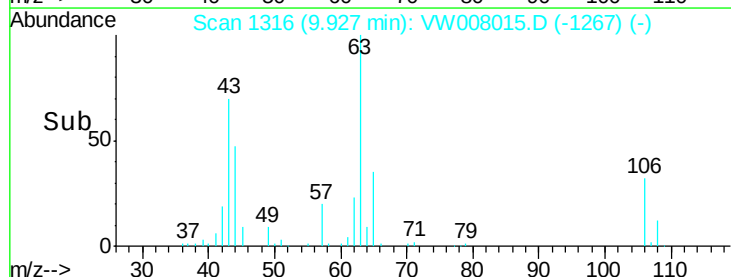
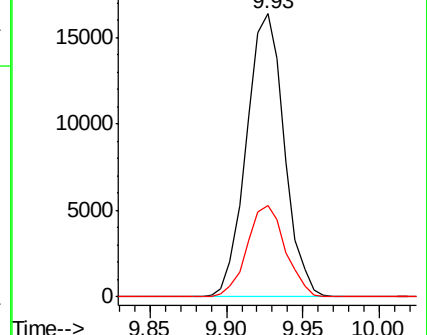
63 100

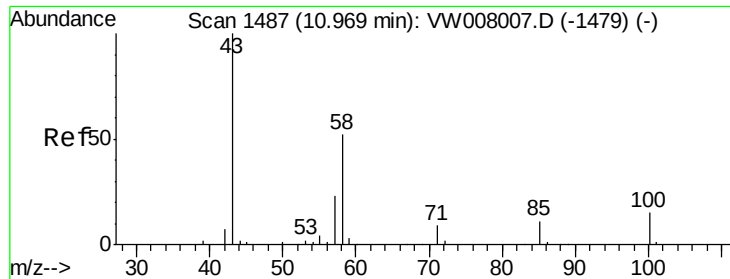
106 32.6 26.9 40.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

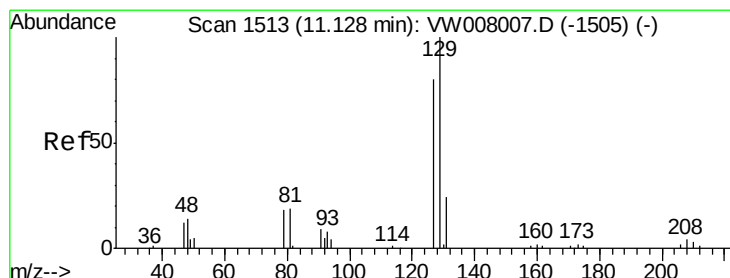
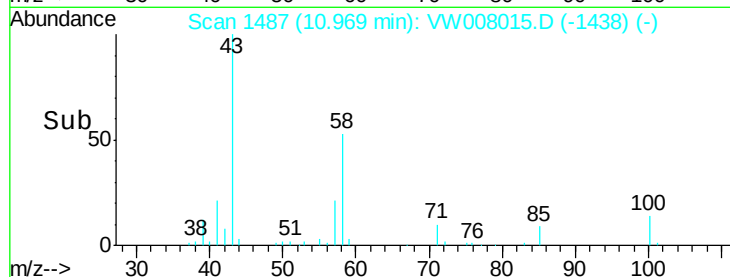
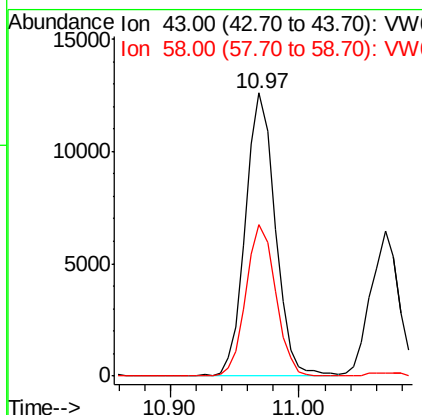
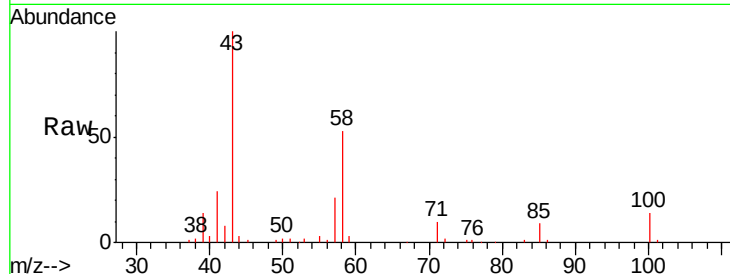




#59
2-Hexanone
Concen: 102.180 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

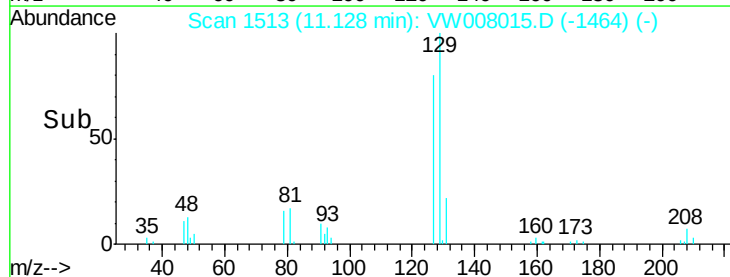
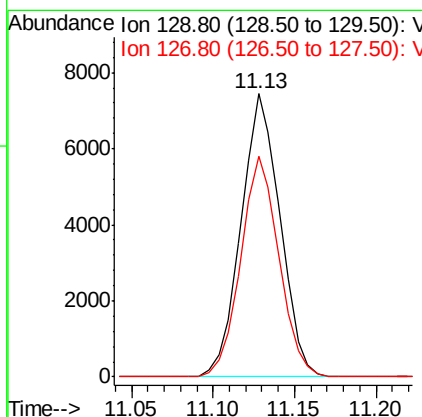
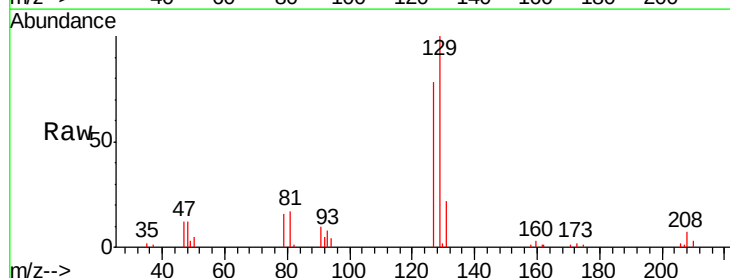
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

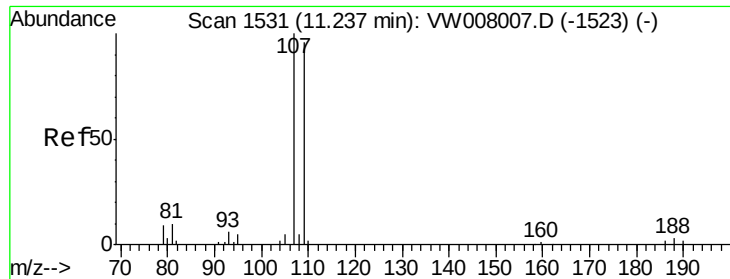
Tgt Ion: 43 Resp: 20174
Ion Ratio Lower Upper
43 100
58 52.8 27.1 81.2



#60
Dibromochloromethane
Concen: 19.427 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 129 Resp: 12374
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

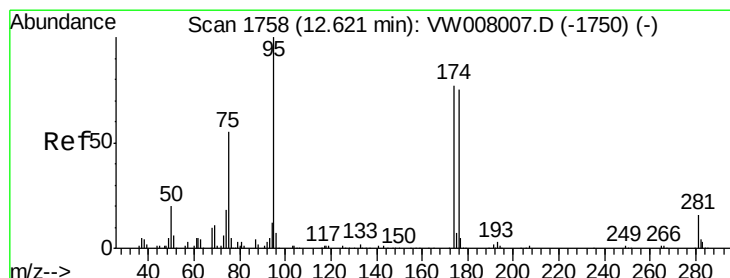
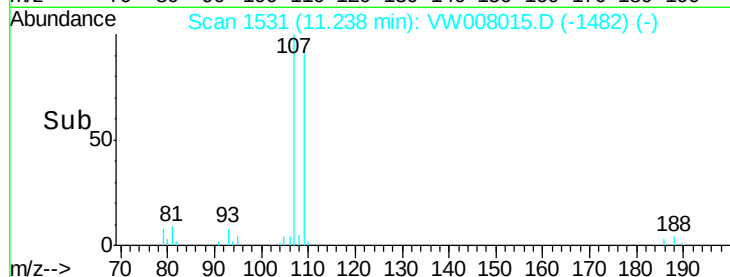
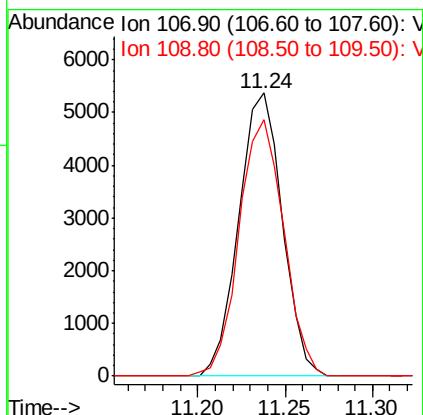
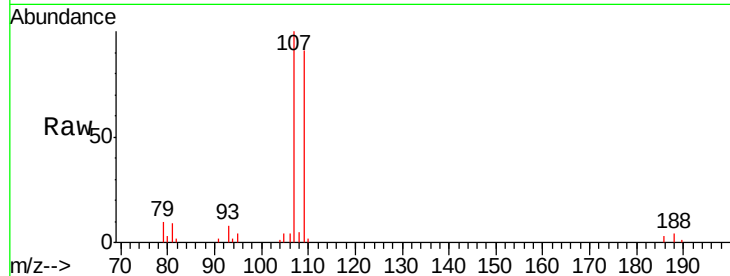




#61
 1,2-Dibromoethane
 Concen: 19.948 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

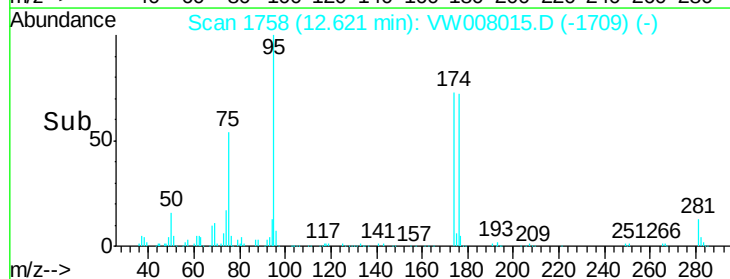
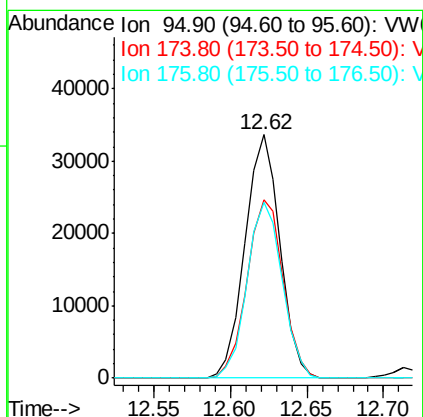
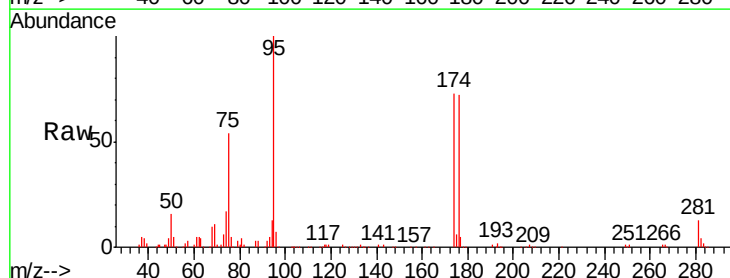
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBSD01

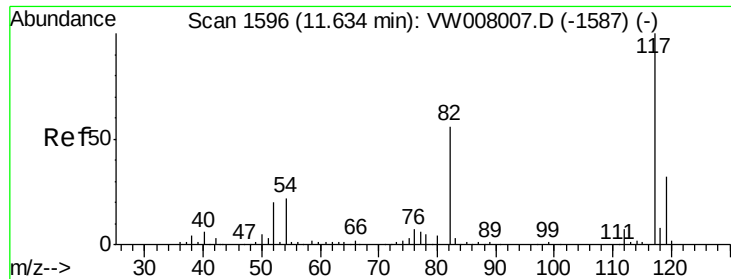
Tgt Ion: 107 Resp: 9289
 Ion Ratio Lower Upper
 107 100
 109 92.8 77.2 115.8



#62
 4-Bromofluorobenzene
 Concen: 56.429 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion: 95 Resp: 53406
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 149.6
 176 73.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

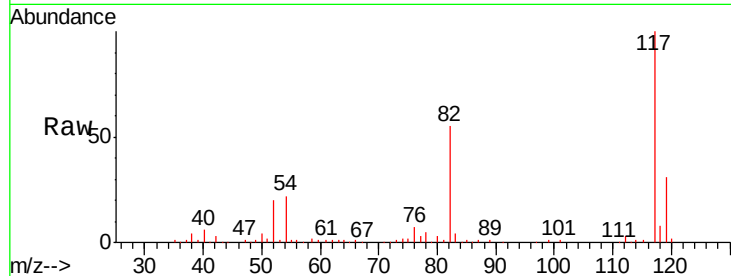
Tgt Ion:117 Resp: 94497

Ion Ratio Lower Upper

117 100

82 55.2 44.8 67.2

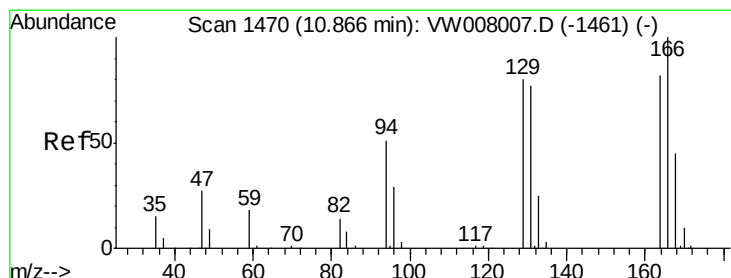
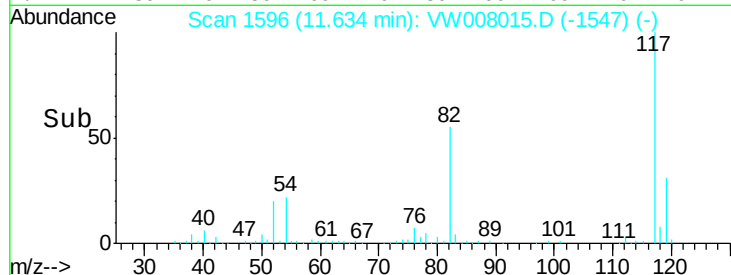
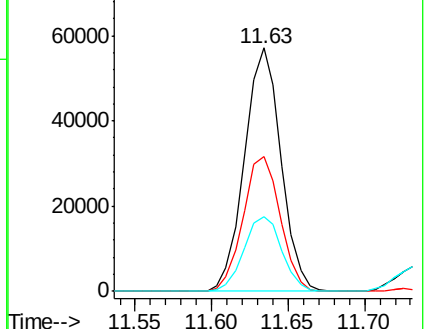
119 30.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.677 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Tgt Ion:164 Resp: 12844

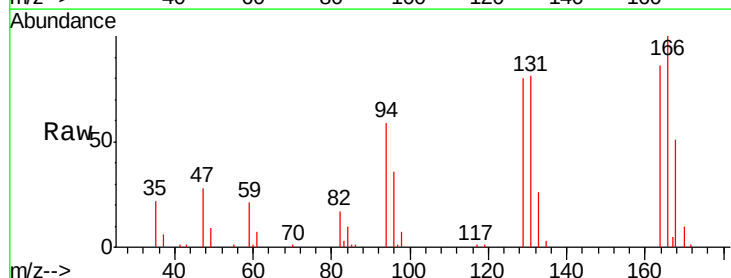
Ion Ratio Lower Upper

164 100

166 116.2 98.1 147.1

129 92.4 78.0 117.0

131 94.7 75.8 113.8

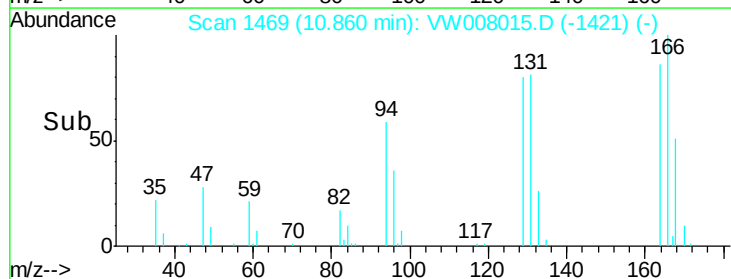
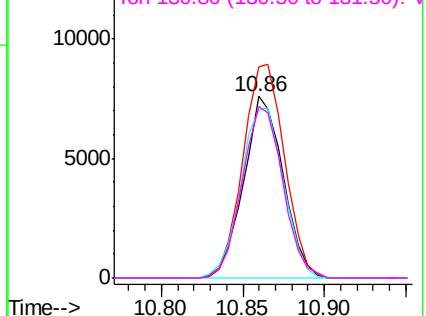


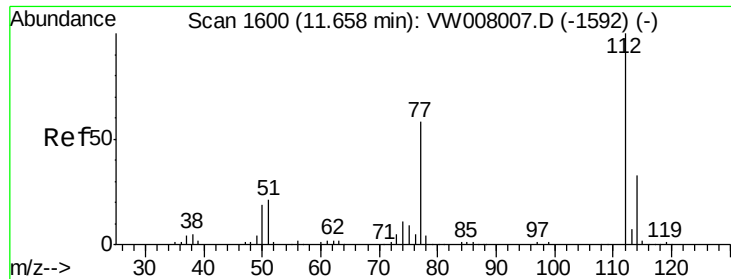
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

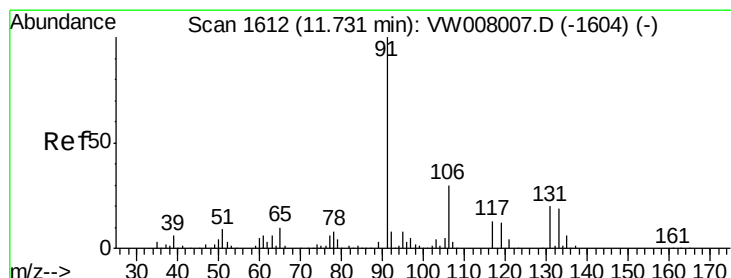
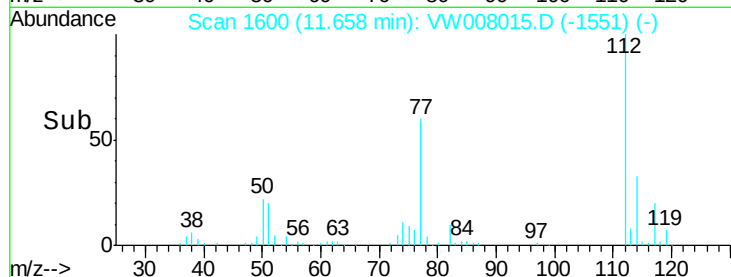
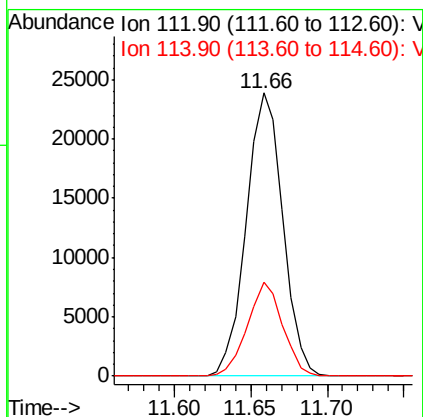
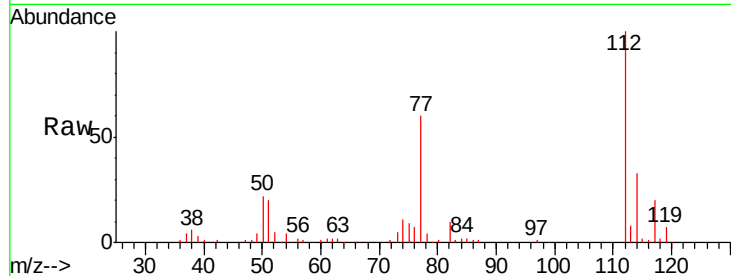




#65
Chlorobenzene
Concen: 19.636 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

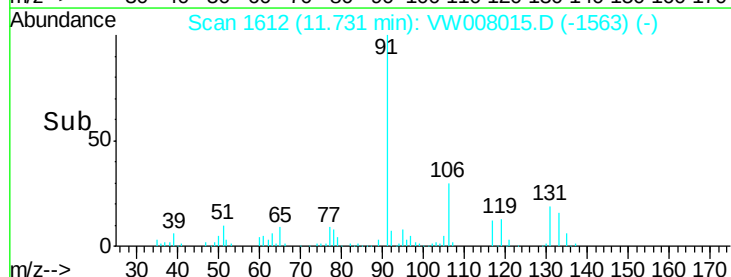
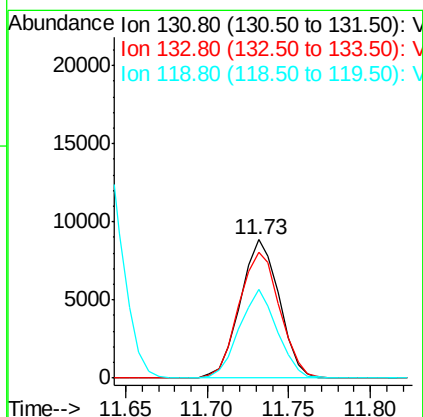
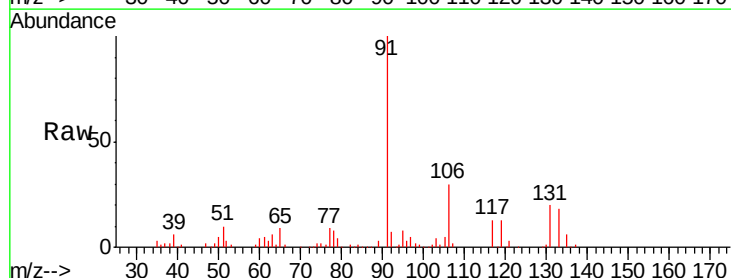
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

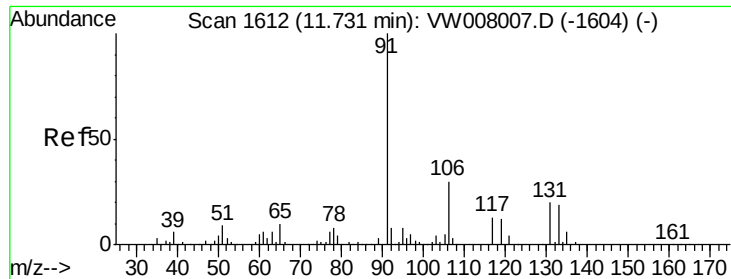
Tgt Ion:112 Resp: 39656
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.166 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion:131 Resp: 14749
Ion Ratio Lower Upper
131 100
133 95.1 49.1 147.3
119 62.1 30.6 91.6

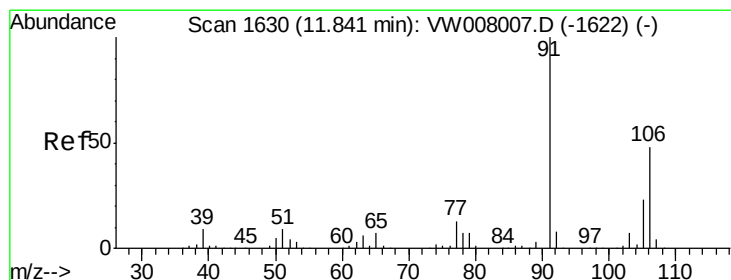
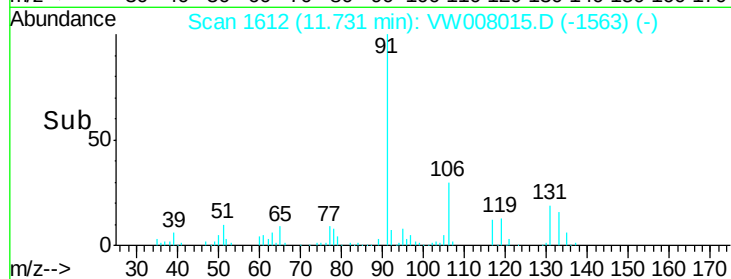
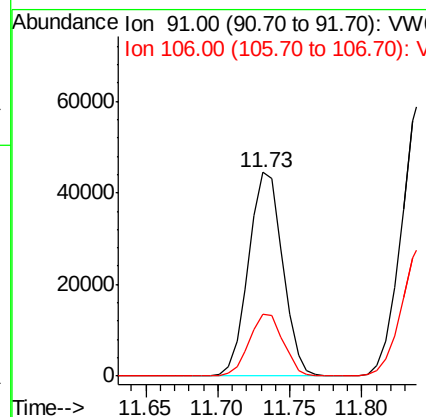
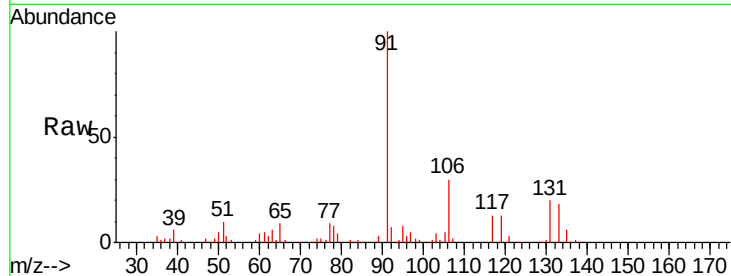




#67
Ethyl Benzene
Concen: 20.307 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

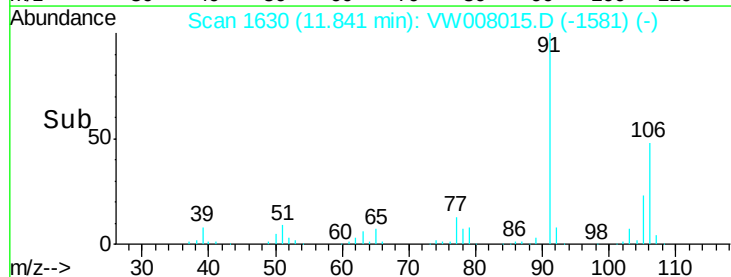
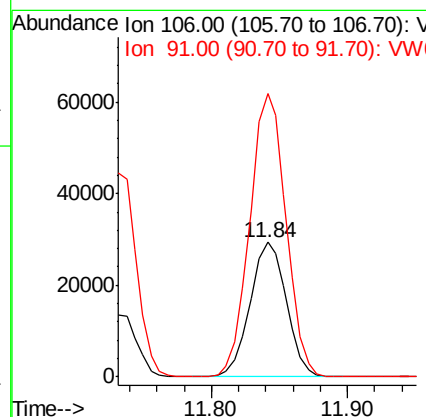
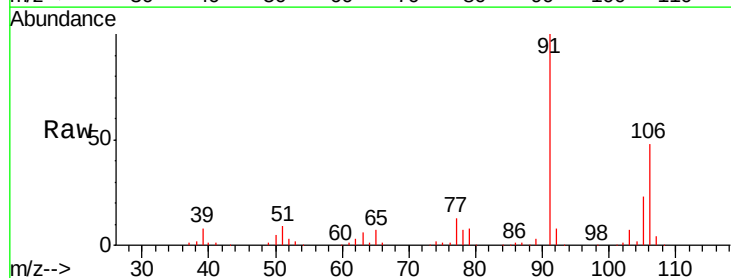
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

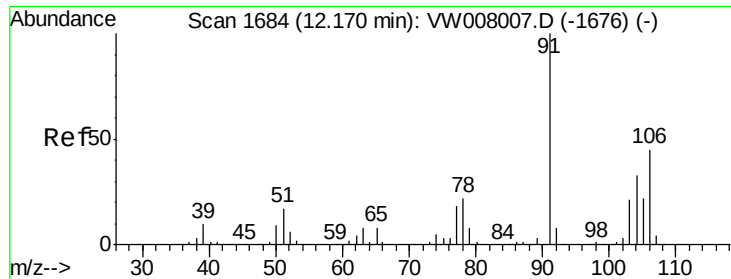
Tgt Ion: 91 Resp: 72794
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 39.499 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 106 Resp: 54741
Ion Ratio Lower Upper
106 100
91 210.2 165.8 248.8

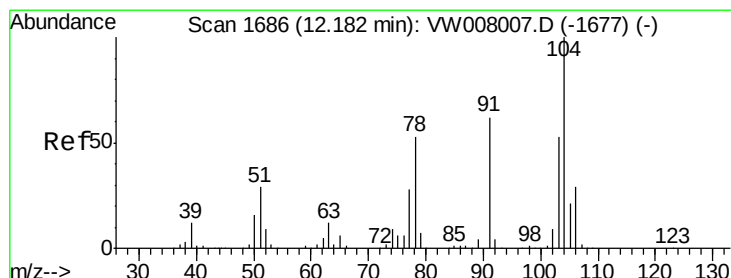
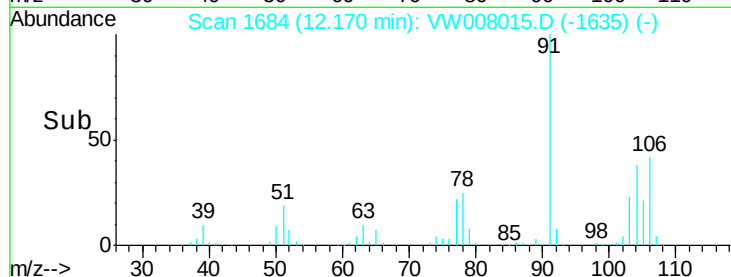
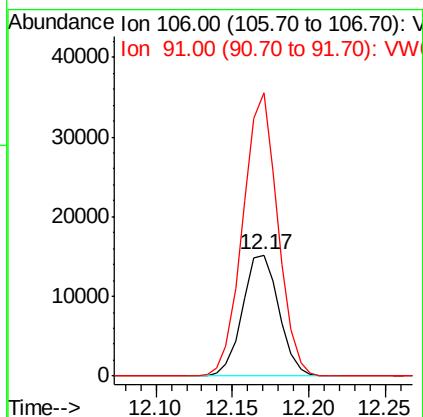
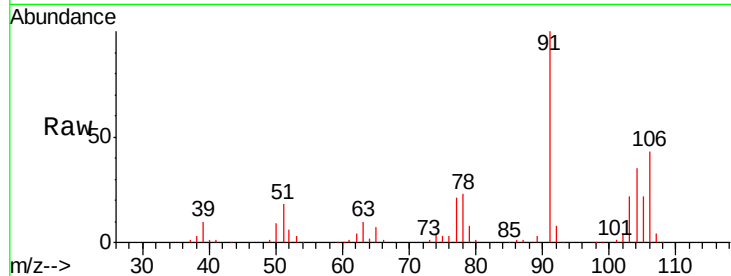




#69
o-Xylene
Concen: 19.516 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

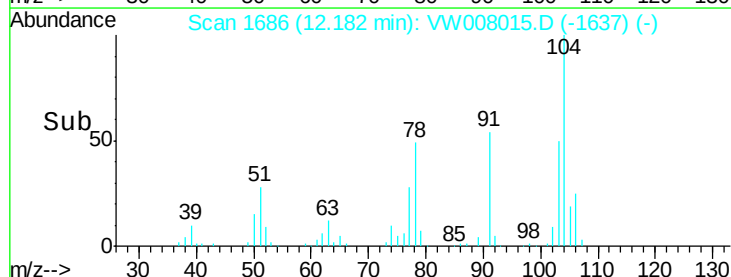
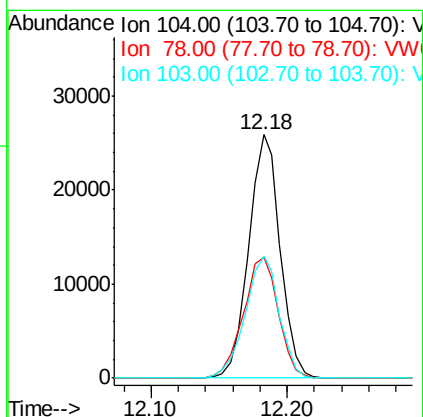
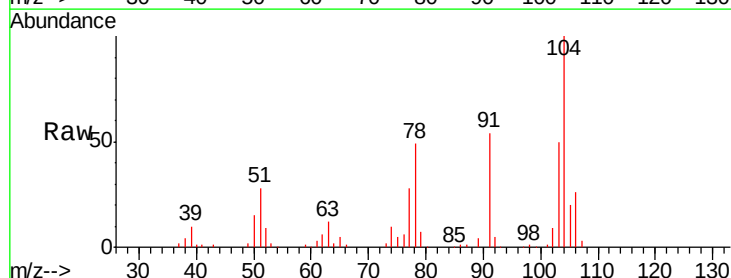
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

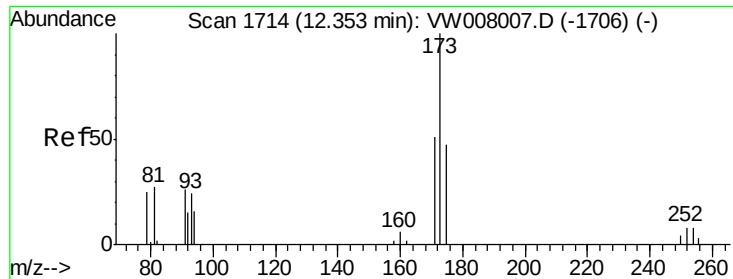
Tgt Ion:106 Resp: 25167
Ion Ratio Lower Upper
106 100
91 223.3 110.6 331.6



#70
Styrene
Concen: 19.955 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion:104 Resp: 41942
Ion Ratio Lower Upper
104 100
78 55.0 44.0 66.0
103 54.1 44.6 66.8





#71

Bromoform

Concen: 20.015 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

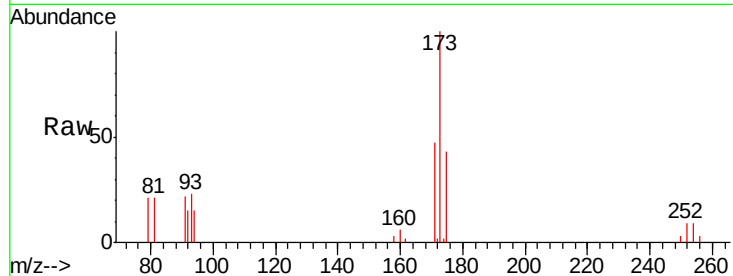
Tgt Ion:173 Resp: 6782

Ion Ratio Lower Upper

173 100

175 44.6 23.6 71.0

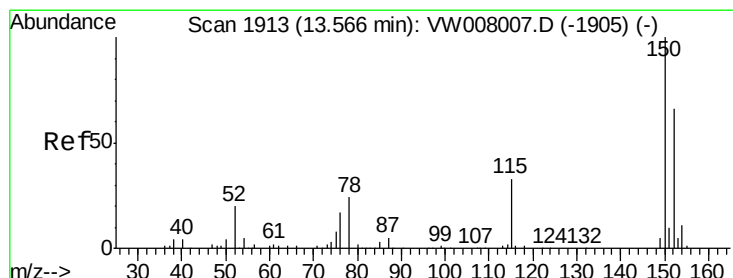
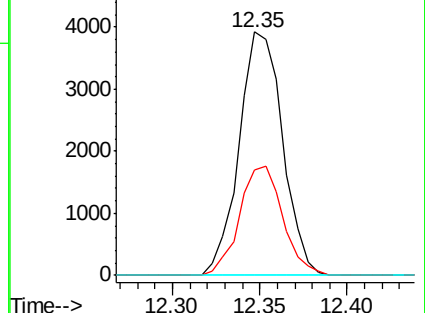
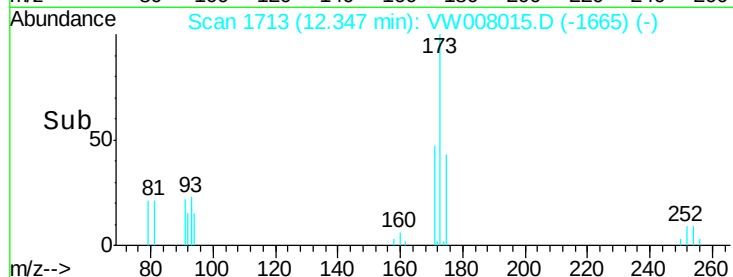
254 0.0 0.0 0.0



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: VW008015.D

Acq: 03 Jan 2019 12:43

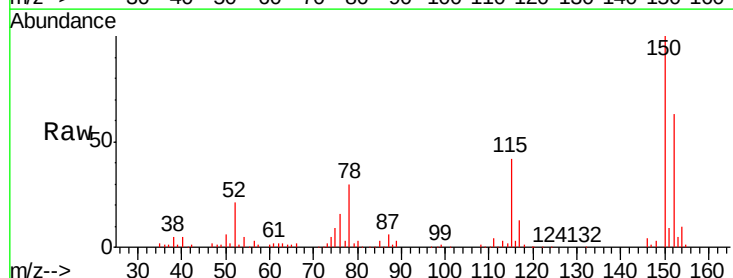
Tgt Ion:152 Resp: 48732

Ion Ratio Lower Upper

152 100

115 64.0 32.1 96.5

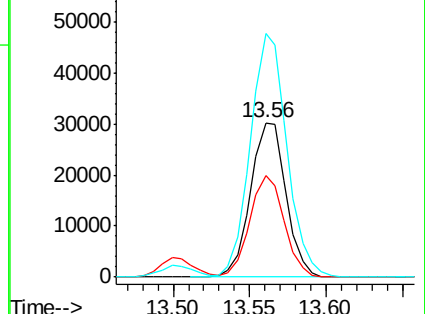
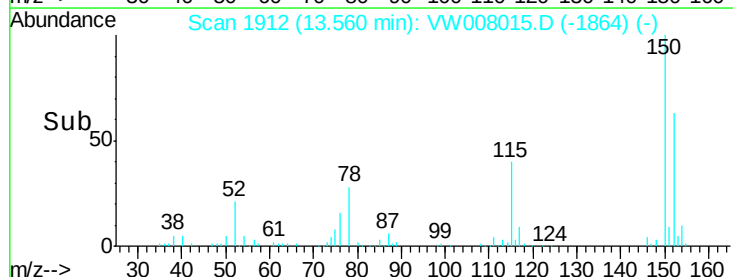
150 163.1 0.0 345.0

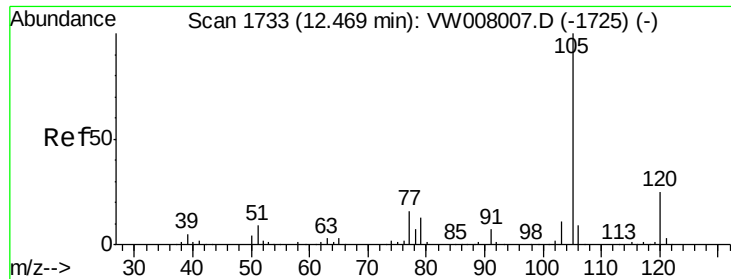


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.345 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

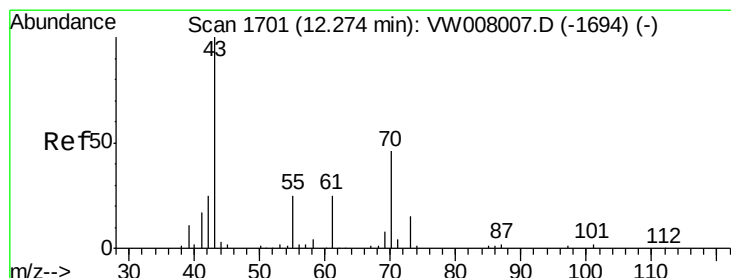
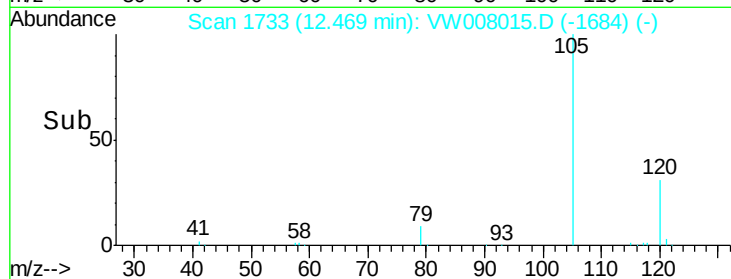
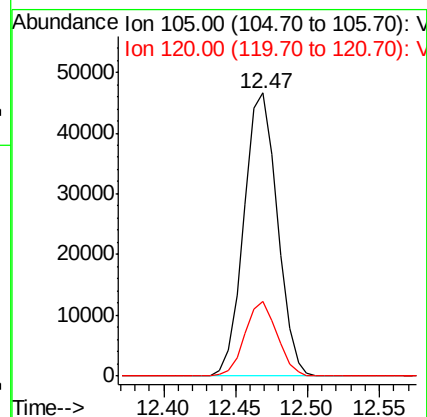
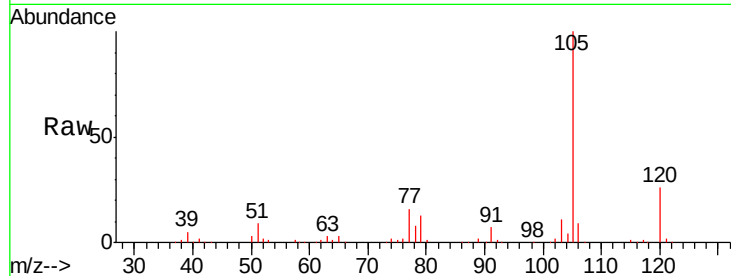
VW0103SBSD01

Tgt Ion: 105 Resp: 74962

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.3



#74

N-ethyl acetate

Concen: 19.365 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Tgt Ion: 43 Resp: 11681

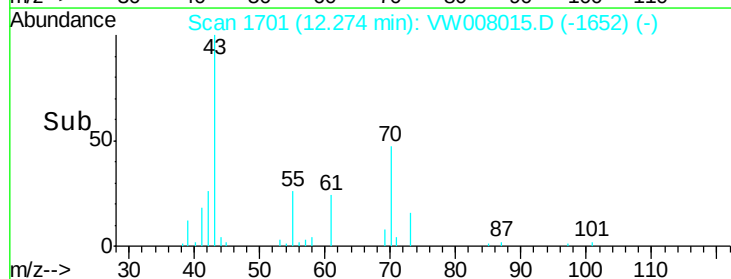
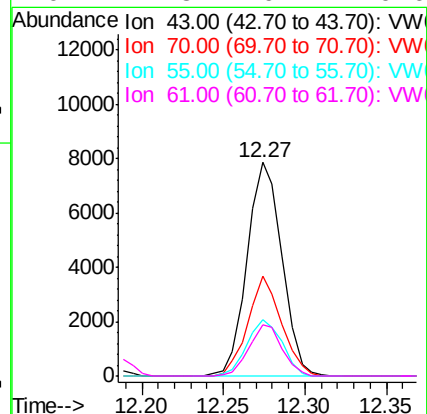
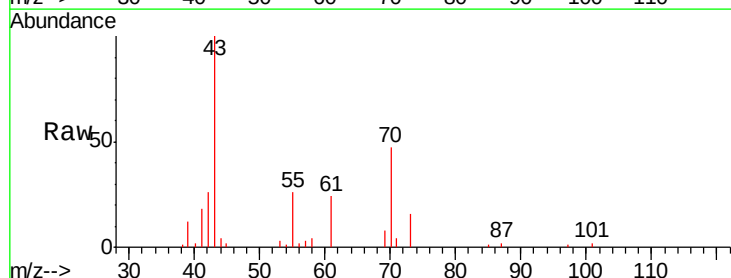
Ion Ratio Lower Upper

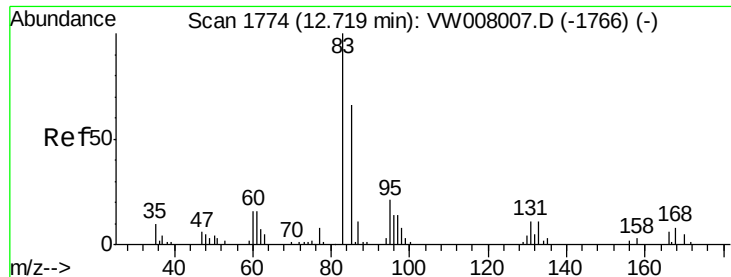
43 100

70 45.0 35.2 52.8

55 26.4 21.4 32.0

61 22.8 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.446 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

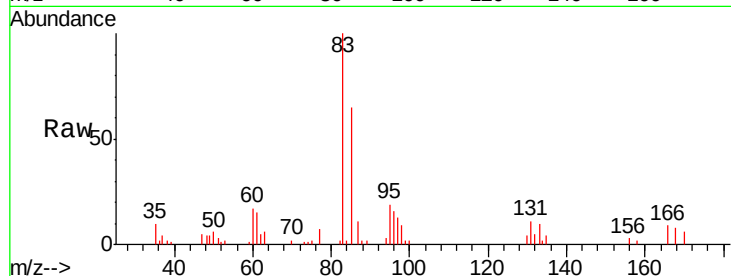
Tgt Ion: 83 Resp: 9588

Ion Ratio Lower Upper

83 100

131 13.0 6.5 19.5

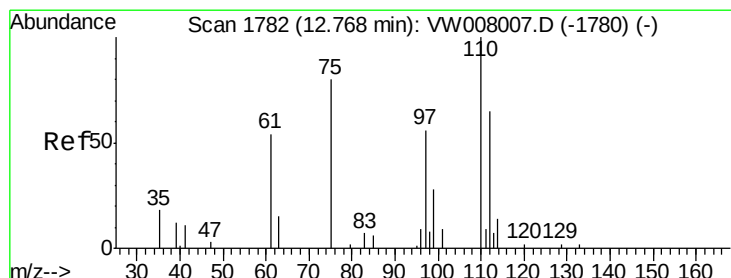
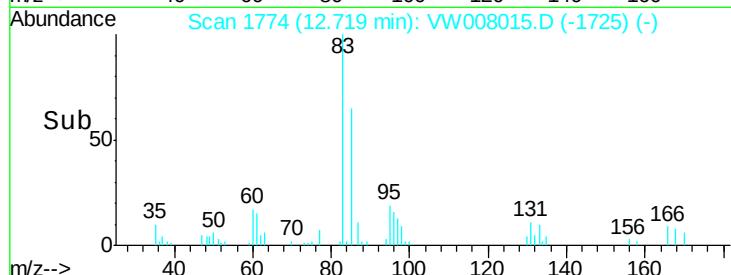
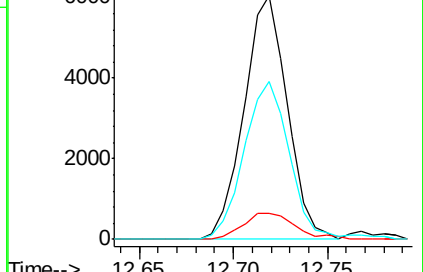
85 67.9 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.200 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008015.D

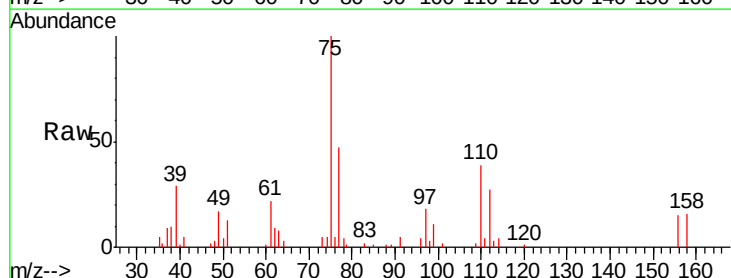
Acq: 03 Jan 2019 12:43

Tgt Ion: 75 Resp: 14422

Ion Ratio Lower Upper

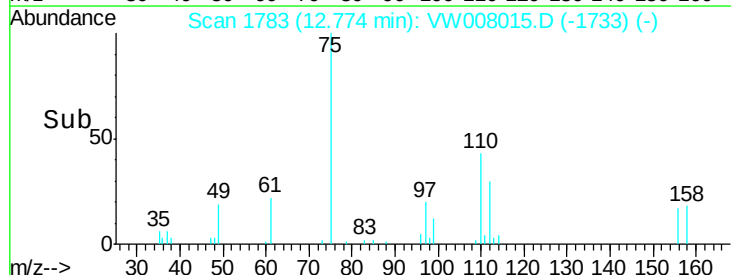
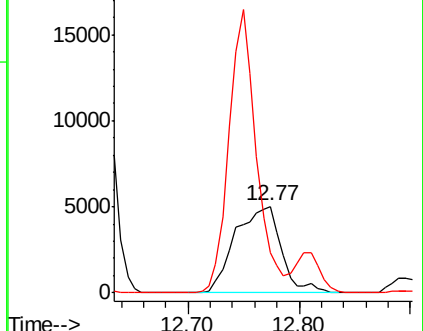
75 100

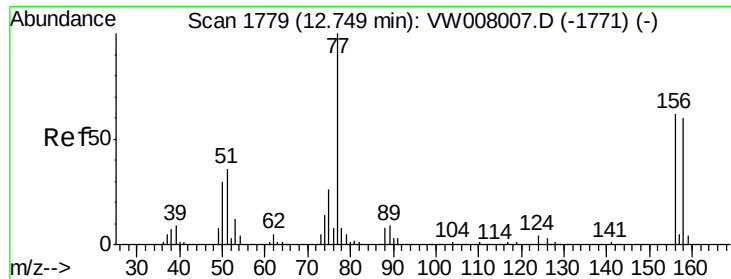
77 0.0 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.144 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

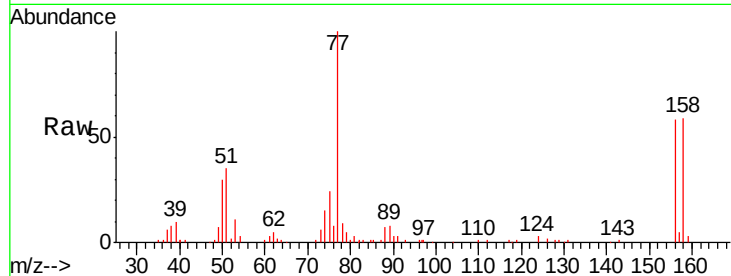
Tgt Ion: 156 Resp: 15945

Ion Ratio Lower Upper

156 100

77 176.3 87.9 263.8

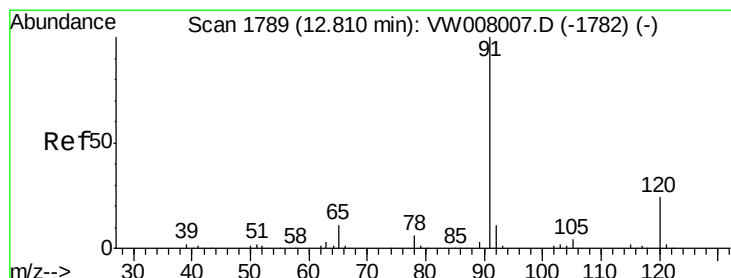
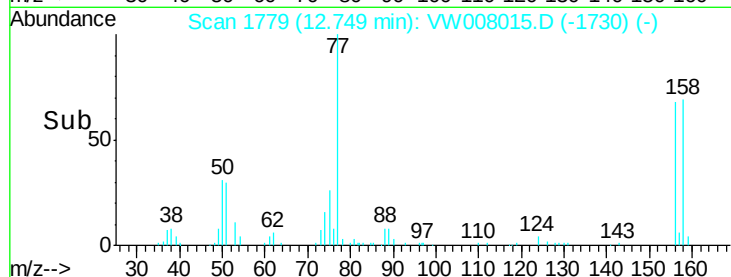
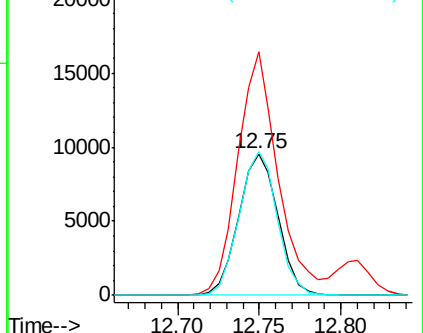
158 98.3 47.8 143.4



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: 19.283 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008015.D

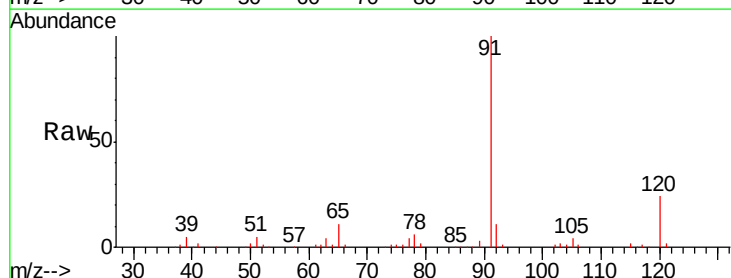
Acq: 03 Jan 2019 12:43

Tgt Ion: 91 Resp: 86633

Ion Ratio Lower Upper

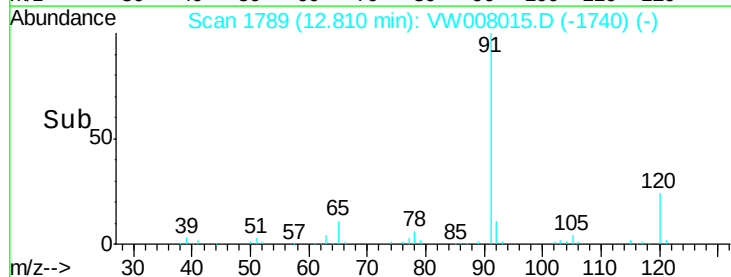
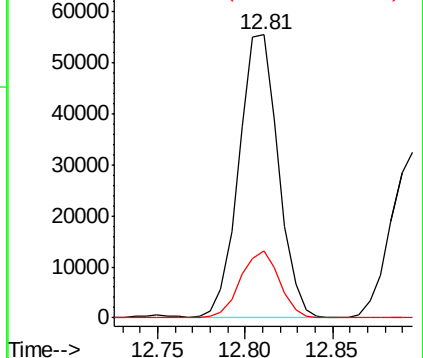
91 100

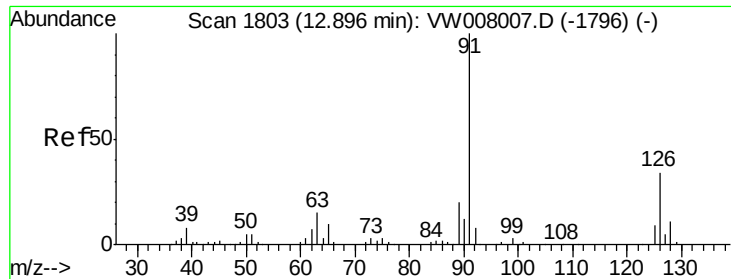
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

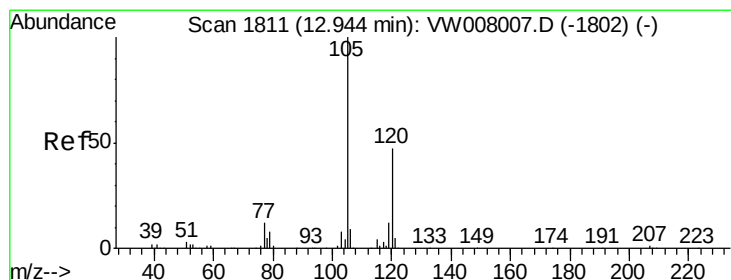
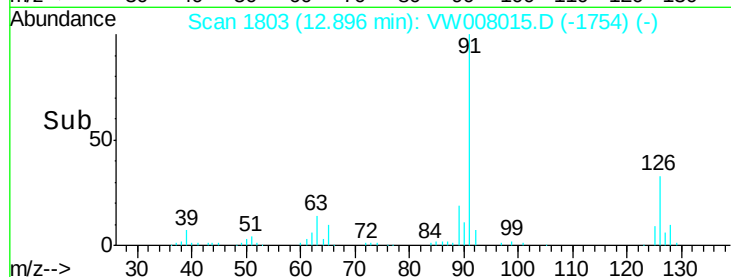
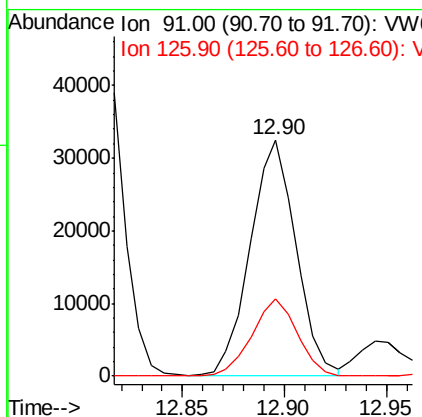
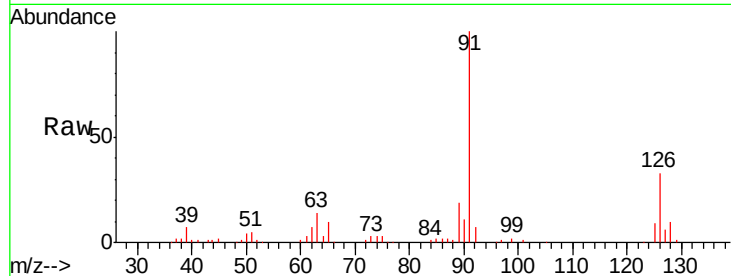




#79
 2-Chlorotoluene
 Concen: 19.557 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

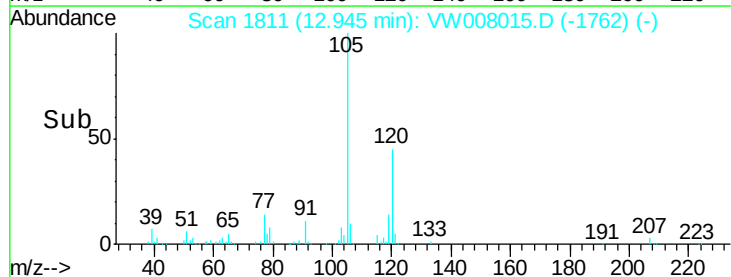
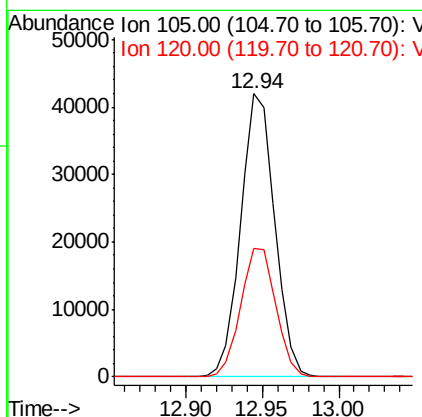
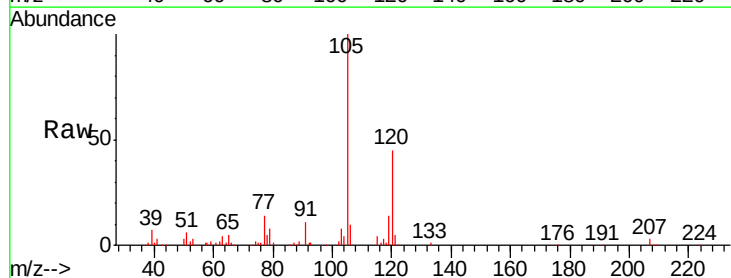
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBSD01

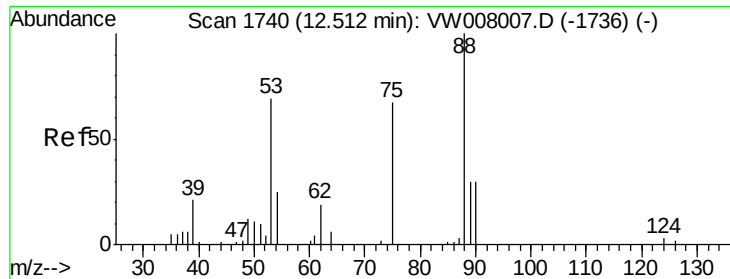
Tgt Ion: 91 Resp: 50783
 Ion Ratio Lower Upper
 91 100
 126 32.6 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.438 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion: 105 Resp: 64836
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9

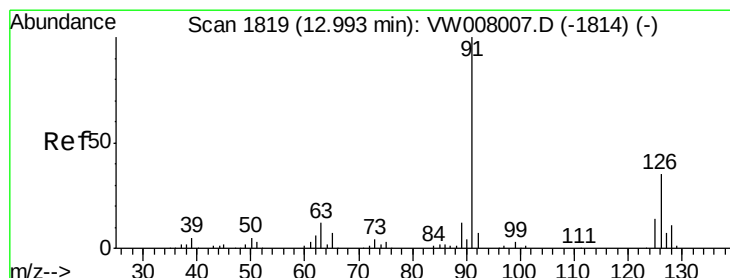
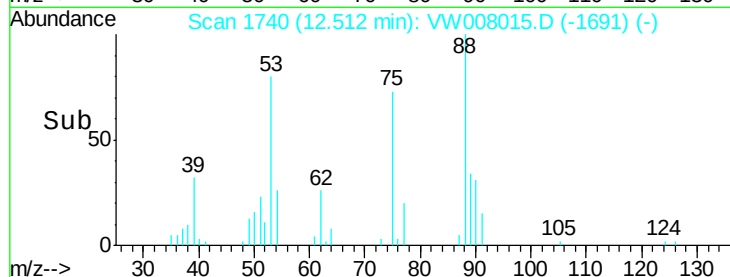
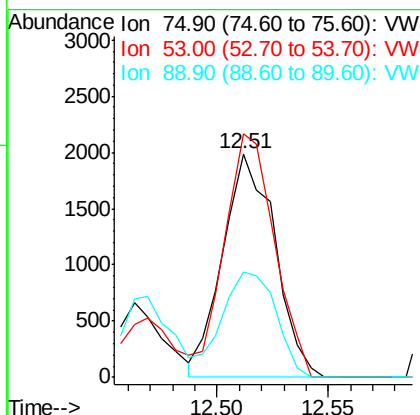
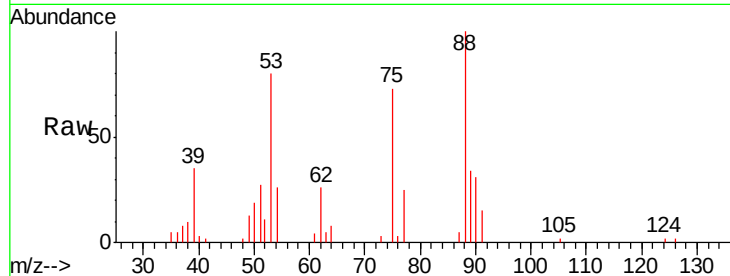




#81
trans-1,4-Dichloro-2-butene
Concen: 19.751 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

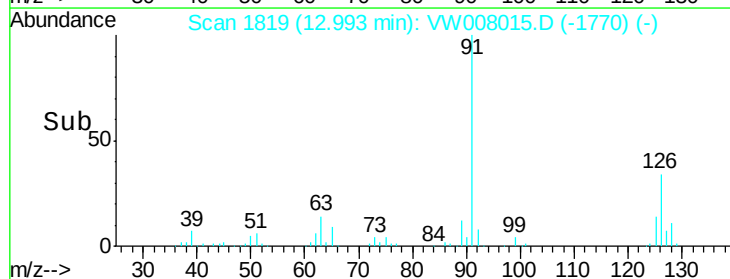
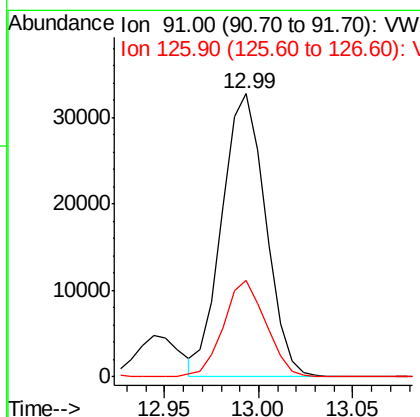
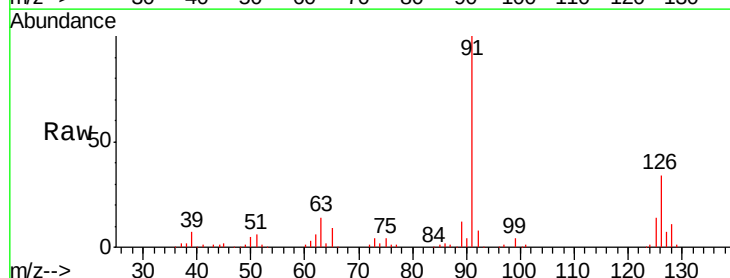
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

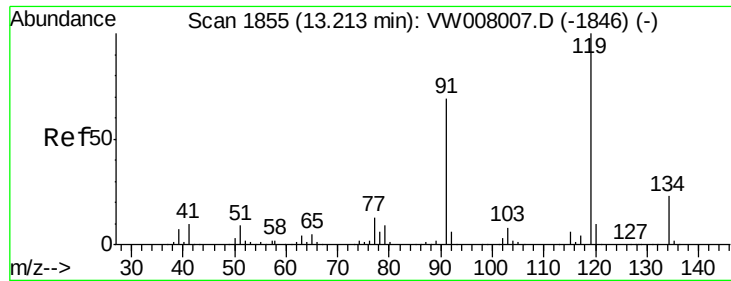
Tgt Ion: 75 Resp: 3238
Ion Ratio Lower Upper
75 100
53 104.5 87.6 131.4
89 49.1 42.2 63.2



#82
4-Chlorotoluene
Concen: 19.146 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion: 91 Resp: 52863
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.1

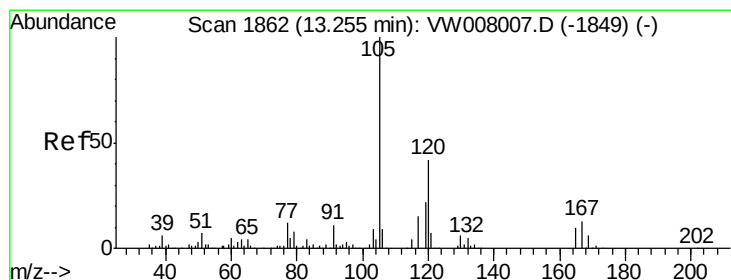
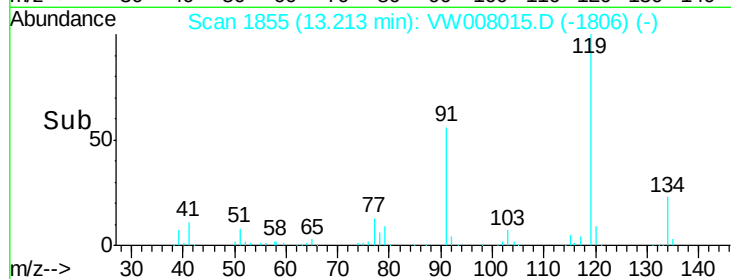
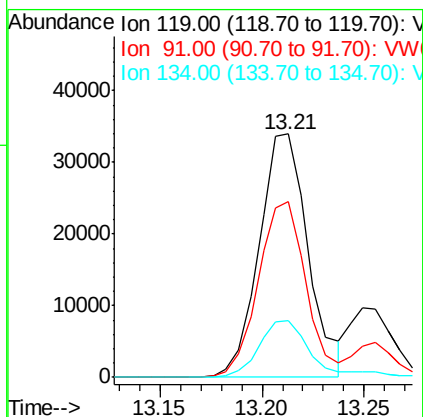
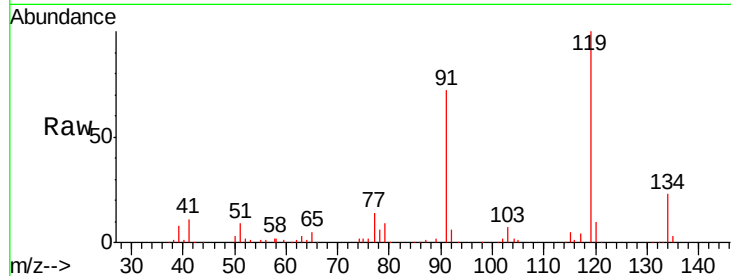




#83
 tert-Butylbenzene
 Concen: 19.484 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

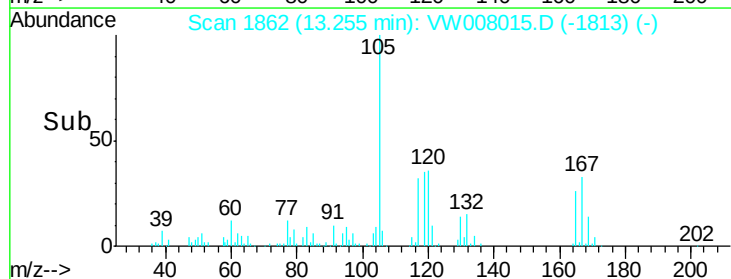
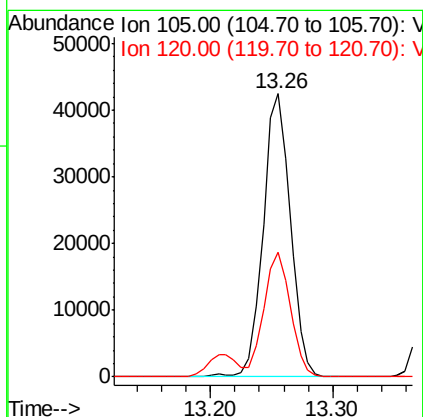
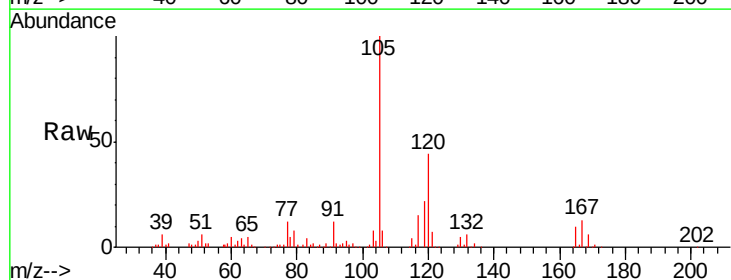
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBSD01

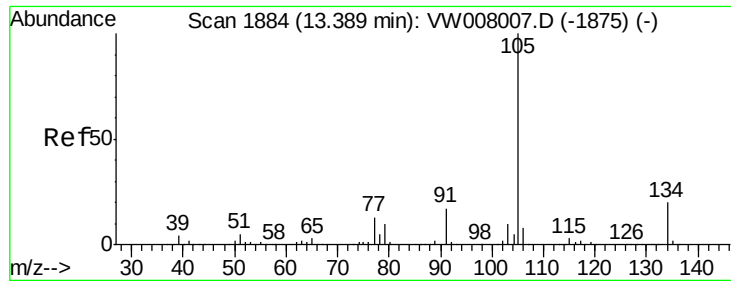
Tgt Ion:119 Resp: 56859
 Ion Ratio Lower Upper
 119 100
 91 70.0 34.7 104.1
 134 24.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.443 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion:105 Resp: 65688
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.5 64.5

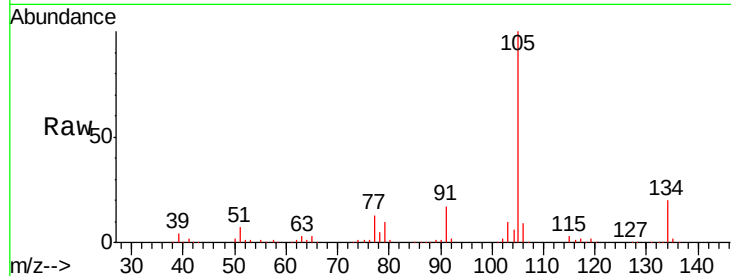




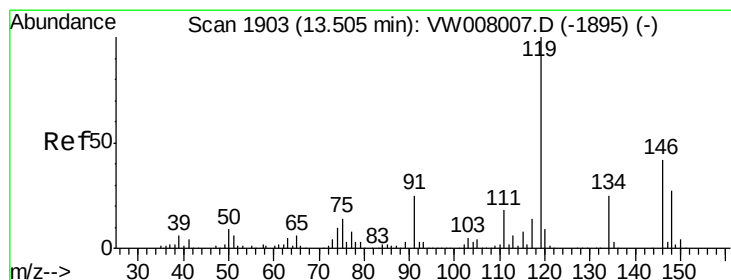
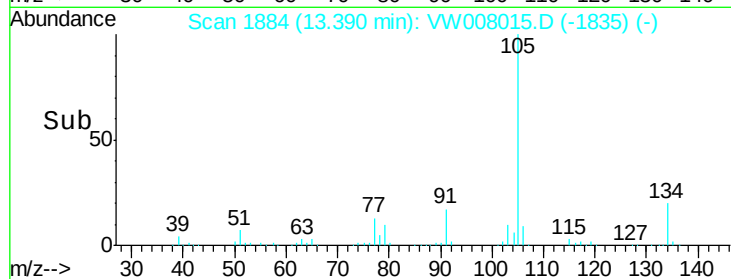
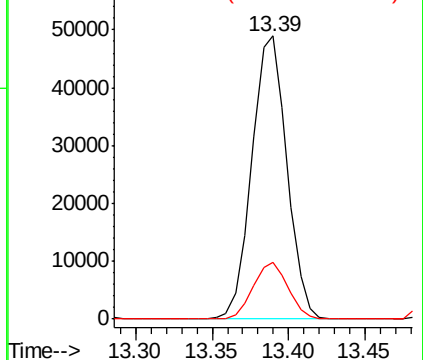
#85
 sec-Butylbenzene
 Concen: 19.407 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0103SBSD01

Tgt Ion:105 Resp: 77908
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9

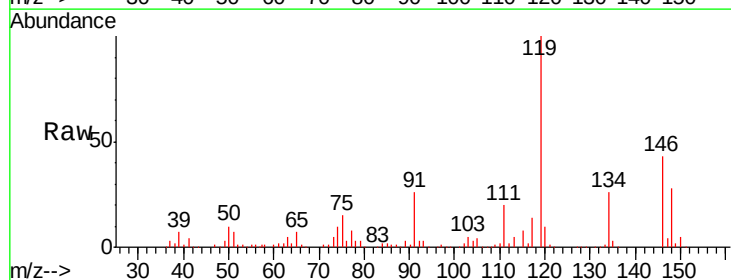


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

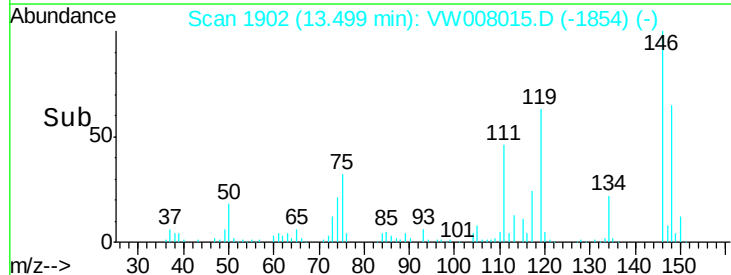
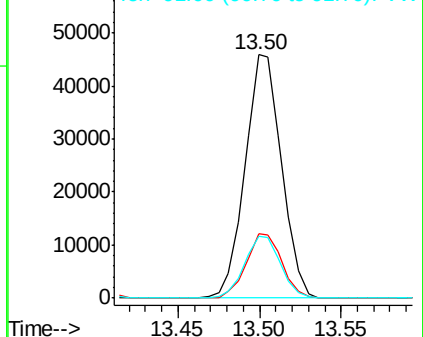


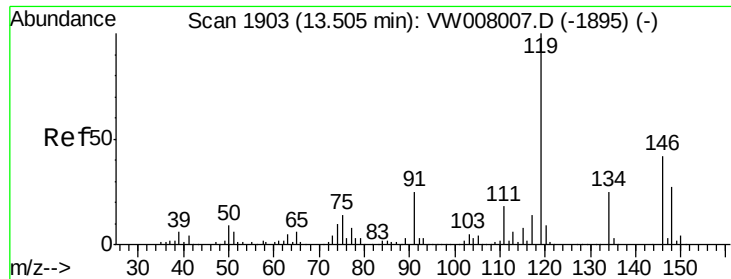
#86
 p-Isopropyltoluene
 Concen: 19.607 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion:119 Resp: 70998
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.5 37.5
 91 25.2 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: 19.821 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008015.D

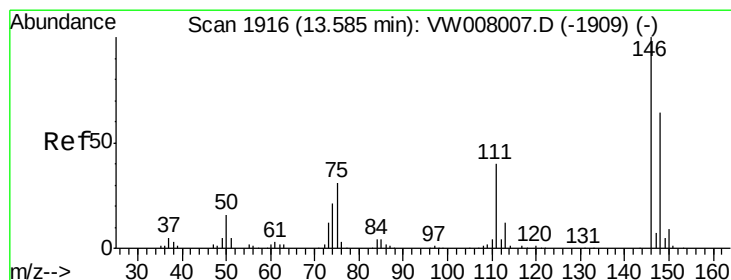
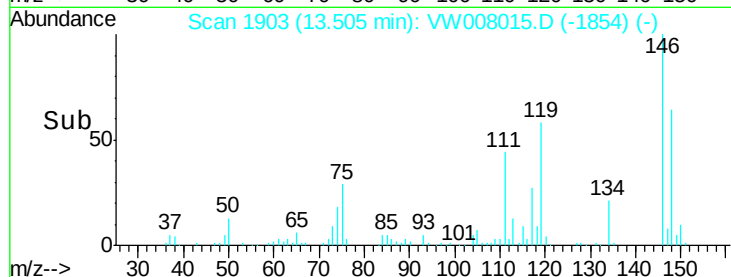
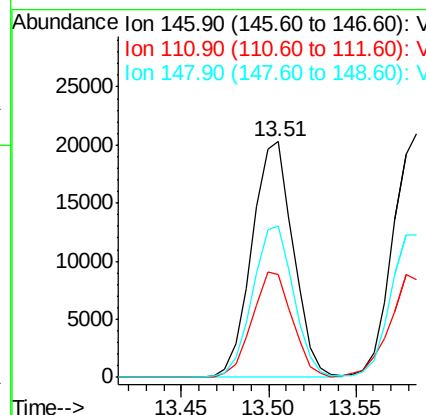
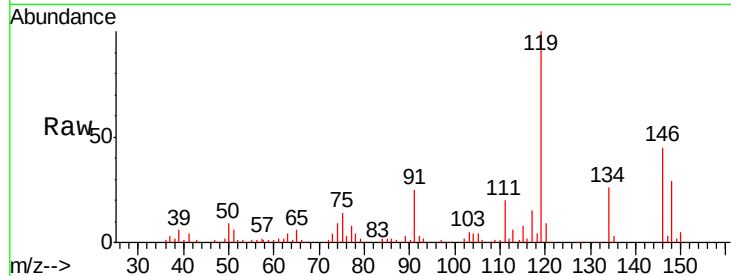
Acq: 03 Jan 2019 12:43

Instrument :
MSVOA_W

ClientSampleId :
VW0103SBSD01

Tgt Ion:146 Resp: 33310

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.4	64.2
148	63.9	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 20.025 ug/l

RT: 13.58 min Scan# 1916

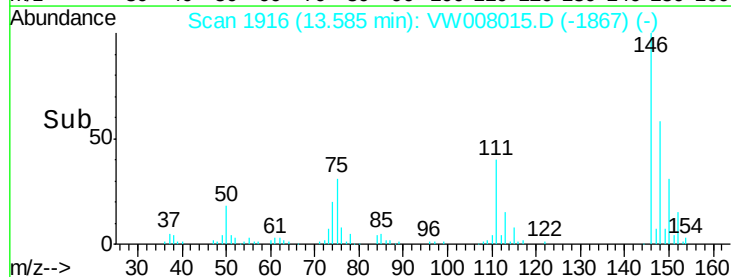
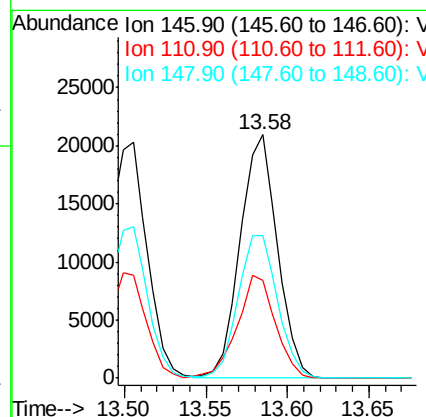
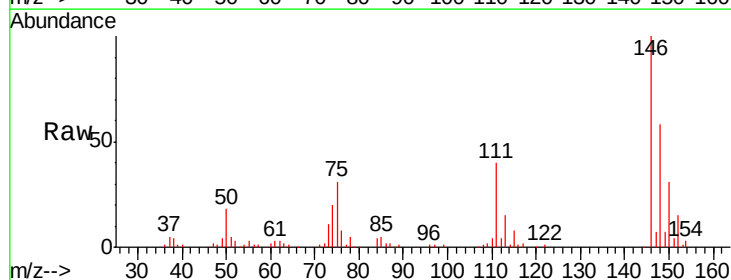
Delta R.T. 0.00 min

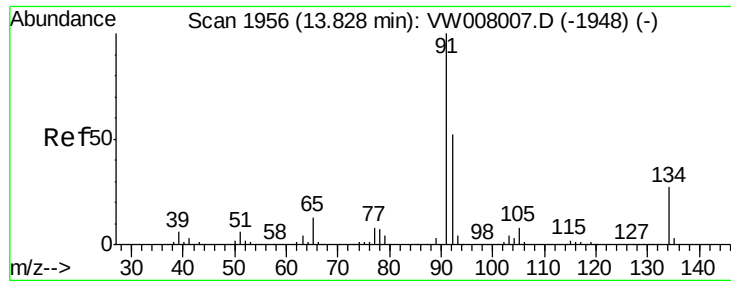
Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Tgt Ion:146 Resp: 33318

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.9	62.8
148	62.0	31.9	95.9





#89

n-Butylbenzene

Concen: 19.905 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

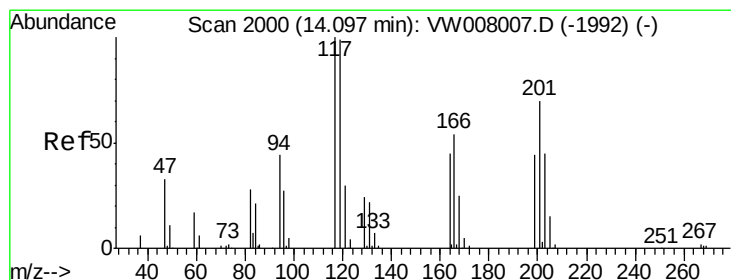
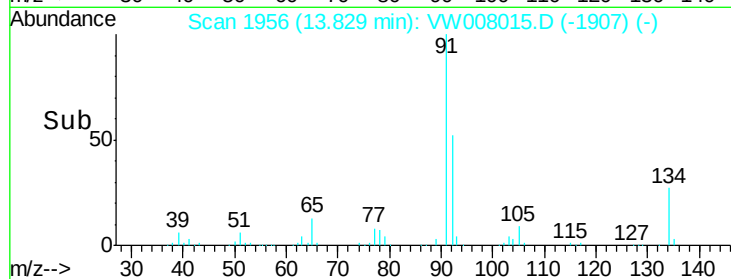
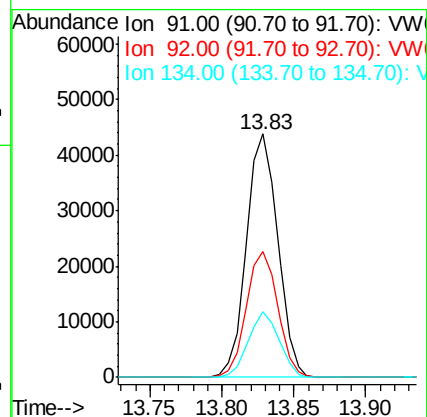
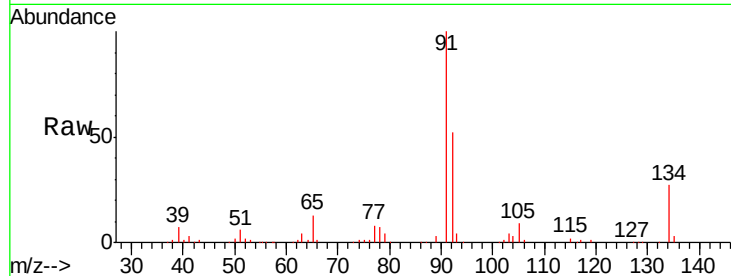
Tgt Ion: 91 Resp: 65929

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 26.5 13.4 40.2



#90

Hexachloroethane

Concen: 19.415 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008015.D

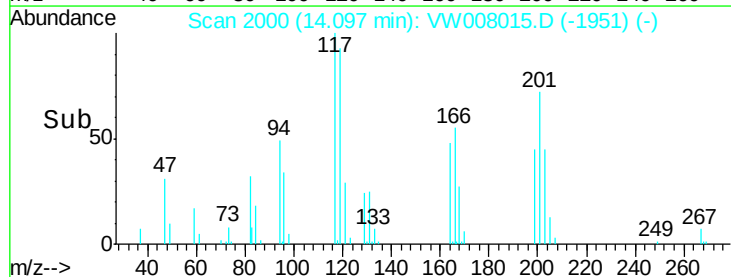
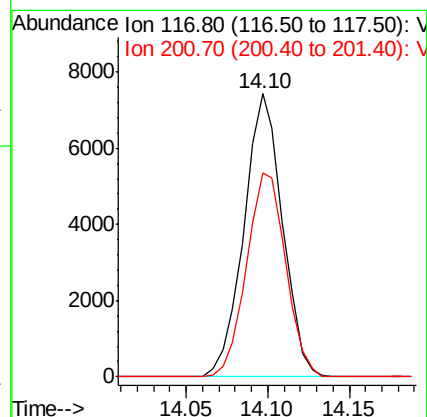
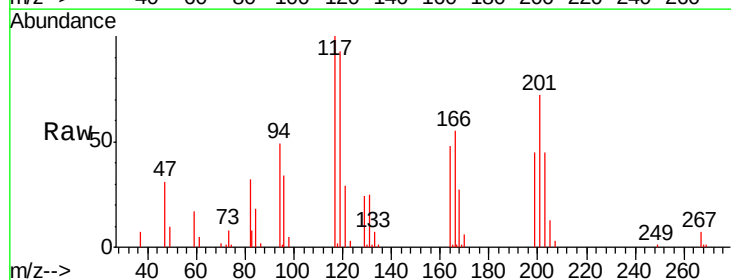
Acq: 03 Jan 2019 12:43

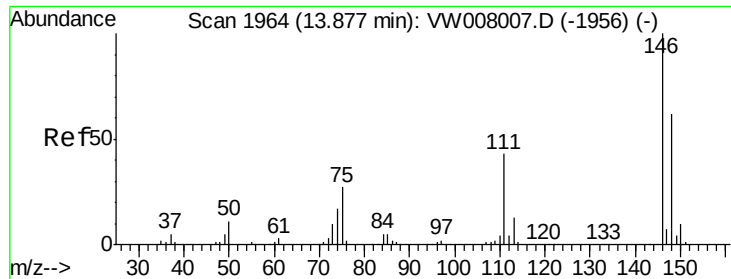
Tgt Ion: 117 Resp: 12199

Ion Ratio Lower Upper

117 100

201 73.2 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 19.949 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBSD01

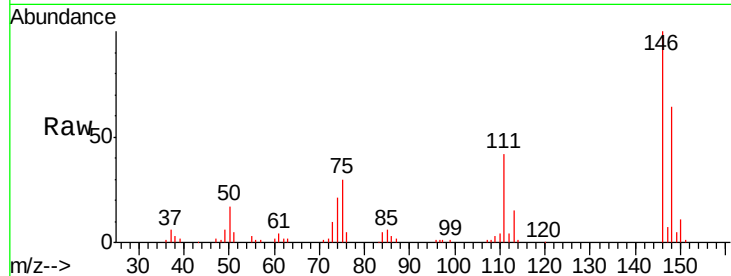
Tgt Ion:146 Resp: 29461

Ion Ratio Lower Upper

146 100

111 43.8 22.6 67.7

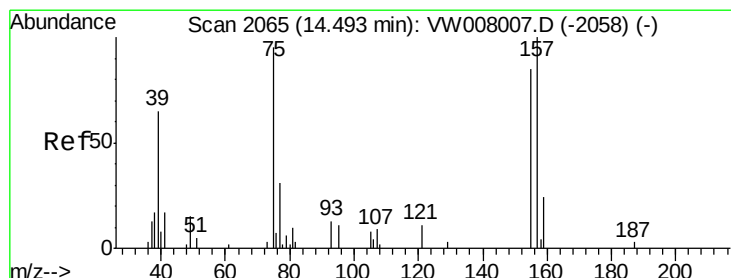
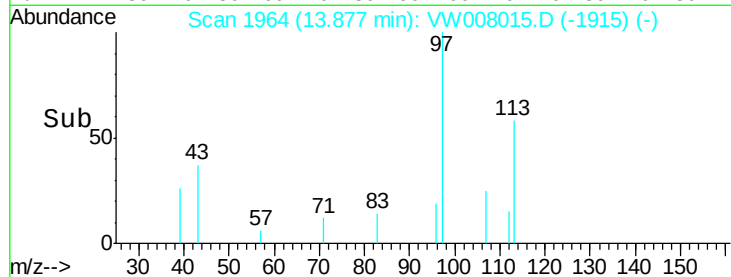
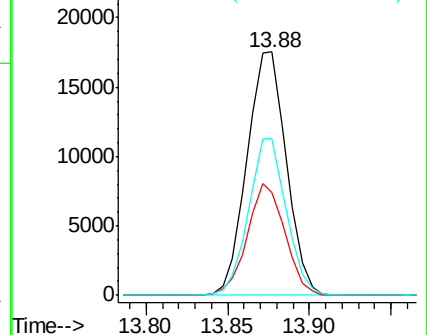
148 61.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.736 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

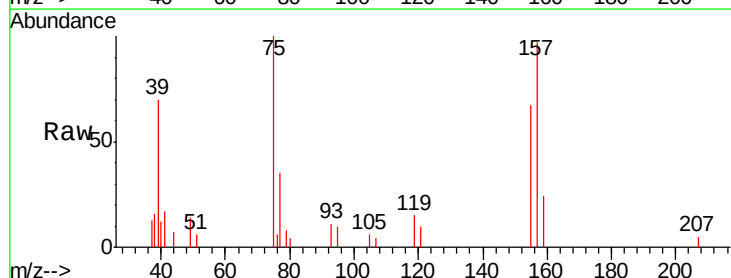
Tgt Ion: 75 Resp: 1975

Ion Ratio Lower Upper

75 100

155 73.2 42.4 127.1

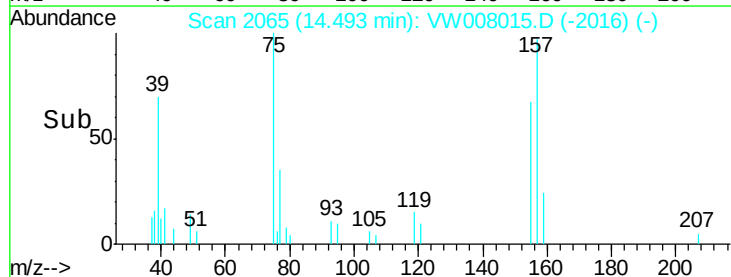
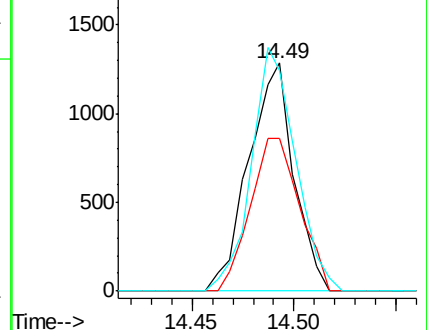
157 104.8 52.3 156.8

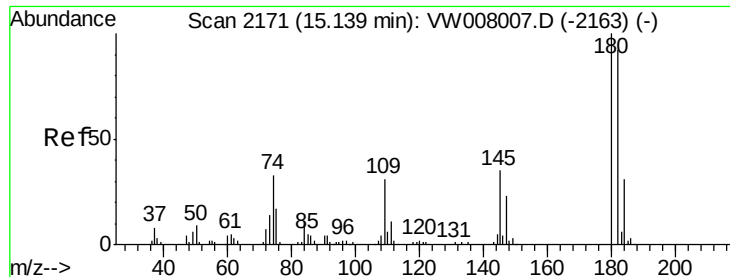


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

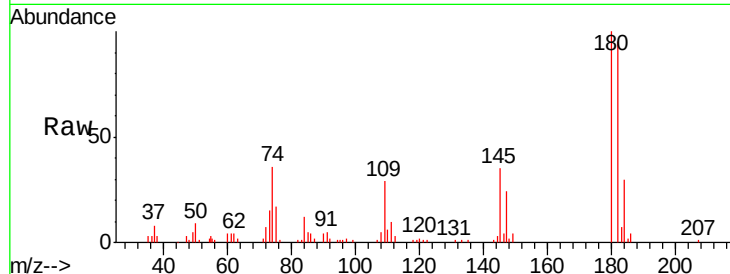




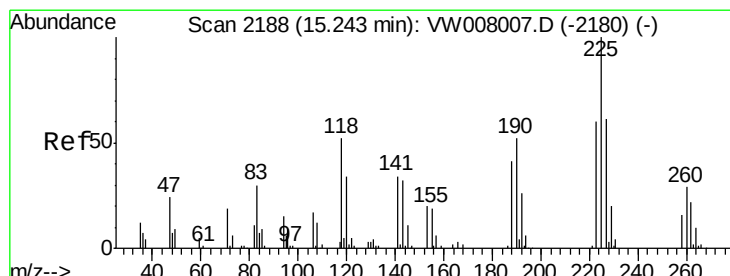
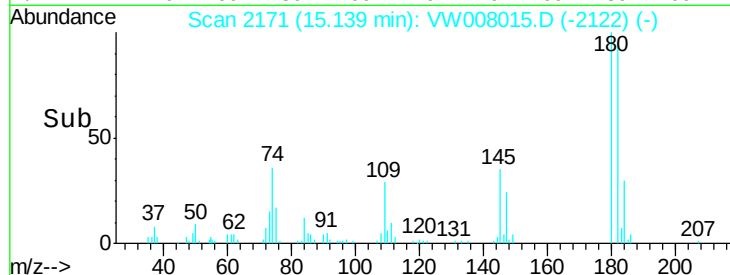
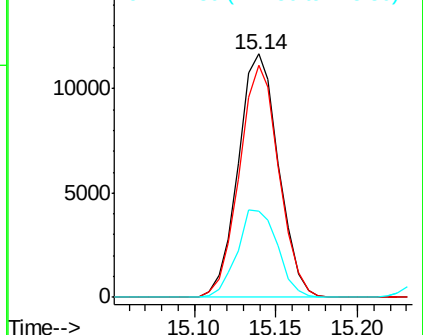
#93
 1,2,4-Trichlorobenzene
 Concen: 19.290 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Tgt Ion:180 Resp: 20008
 Ion Ratio Lower Upper
 180 100
 182 93.4 46.6 139.8
 145 36.2 17.2 51.6

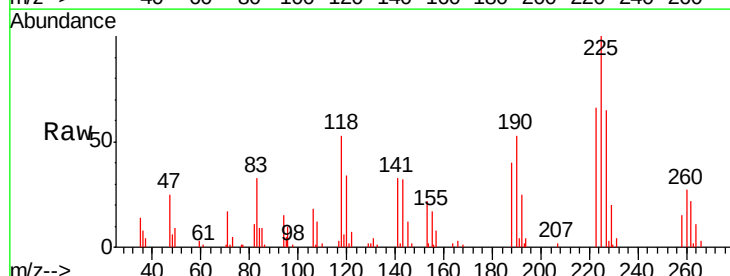


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

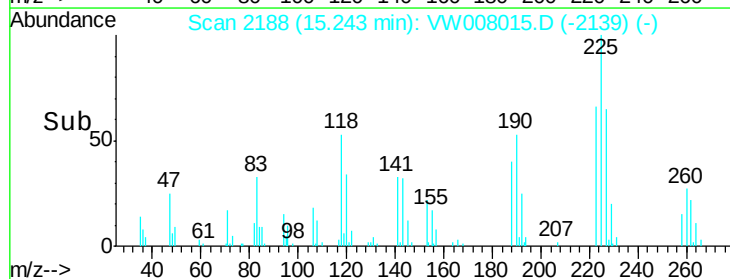
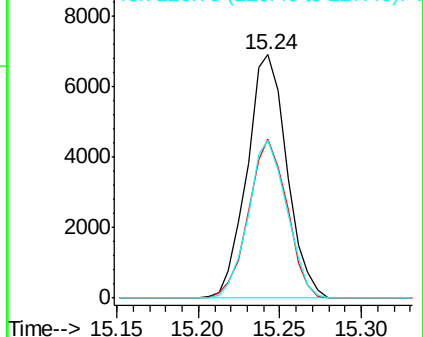


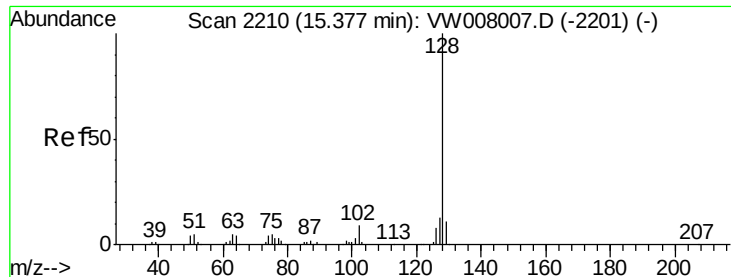
#94
 Hexachlorobutadiene
 Concen: 19.642 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008015.D
 Acq: 03 Jan 2019 12:43

Tgt Ion:225 Resp: 11763
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.6 92.0
 227 62.6 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

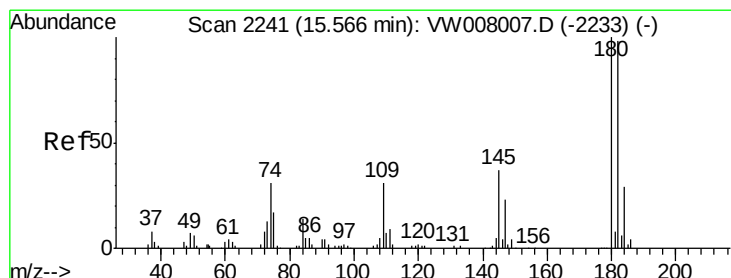
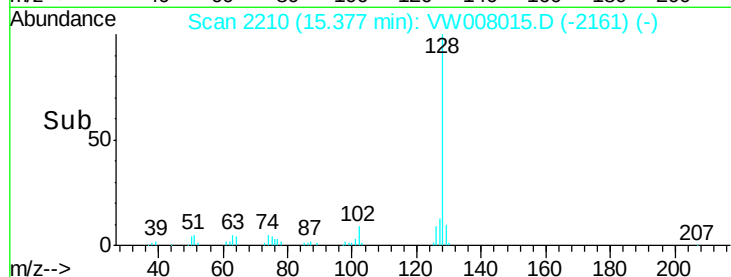
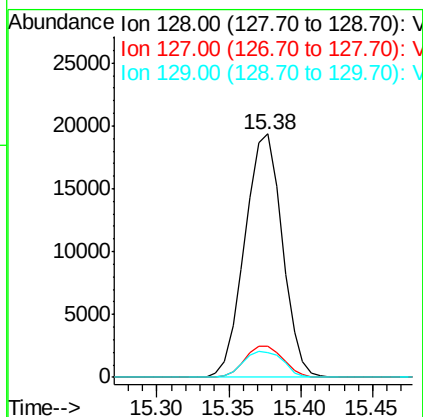
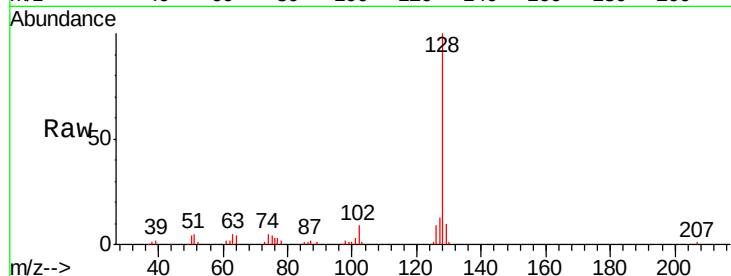




#95
Naphthalene
Concen: 19.720 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBSD01

Tgt Ion:128 Resp: 34835
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.997 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008015.D
Acq: 03 Jan 2019 12:43

Tgt Ion:180 Resp: 17066
Ion Ratio Lower Upper
180 100
182 91.7 47.9 143.8
145 36.7 18.7 56.1

