

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040419\
 Data File : VW009690.D
 Acq On : 04 Apr 2019 12:22
 Operator : SY/VA
 Sample : VW0404SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

Quant Time: Apr 05 05:43:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	324896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	513180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	464592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245753	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	199461	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.88	113	163556	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.32	98	613822	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.62	95	230771	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	50426	24.027	ug/l	99
3) Chloromethane	2.21	50	51038	18.648	ug/l	98
4) Vinyl Chloride	2.37	62	74973	20.510	ug/l	98
5) Bromomethane	2.78	94	55010	19.506	ug/l	87
6) Chloroethane	2.92	64	53602	19.801	ug/l	97
7) Trichlorofluoromethane	3.26	101	47413	18.984	ug/l	99
8) Diethyl Ether	3.67	74	38058	22.694	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.05	101	74978	22.375	ug/l	96
10) Methyl Iodide	4.26	142	99749	21.816	ug/l	94
11) Tert butyl alcohol	5.18	59	25221	117.081	ug/l	100
12) 1,1-Dichloroethene	4.03	96	67512	21.528	ug/l	97
13) Acrolein	3.88	56	15306	96.875	ug/l	92
14) Allyl chloride	4.66	41	115692	23.066	ug/l	97
15) Acrylonitrile	5.37	53	83891	109.438	ug/l	99
16) Acetone	4.12	43	101817	121.889	ug/l	89
17) Carbon Disulfide	4.37	76	193215	21.653	ug/l	98
18) Methyl Acetate	4.67	43	38954	19.292	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	103523	23.736	ug/l	100
20) Methylene Chloride	4.91	84	81683	22.817	ug/l #	89
21) trans-1,2-Dichloroethene	5.41	96	73080	21.949	ug/l	87
22) Diisopropyl ether	6.31	45	245904	22.701	ug/l	99
23) Vinyl Acetate	6.25	43	771494	114.167	ug/l	100
24) 1,1-Dichloroethane	6.21	63	141658	21.727	ug/l	98
25) 2-Butanone	7.17	43	127401	110.368	ug/l	100
26) 2,2-Dichloropropane	7.16	77	85457	22.926	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	80951	22.263	ug/l	97
28) Bromochloromethane	7.50	49	58695	20.776	ug/l	92
29) Tetrahydrofuran	7.53	42	77414	108.005	ug/l	98
30) Chloroform	7.67	83	147060	21.778	ug/l	99
31) Cyclohexane	7.95	56	130797	21.399	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	120316	22.009	ug/l	96
36) 1,1-Dichloropropene	8.08	75	113161	21.319	ug/l	99
37) Ethyl Acetate	7.26	43	55925	22.177	ug/l	100
38) Carbon Tetrachloride	8.07	117	116705	21.457	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	126880	20.926	ug/l	93
40) Benzene	8.32	78	308034	21.425	ug/l	99
41) Methacrylonitrile	7.48	41	31815	21.775	ug/l	94
42) 1,2-Dichloroethane	8.40	62	106533	21.735	ug/l	98
43) Isopropyl Acetate	8.43	43	105228	21.292	ug/l	98
44) Trichloroethene	9.09	130	78695	21.142	ug/l	100
45) 1,2-Dichloropropane	9.37	63	78731	21.394	ug/l	99
46) Dibromomethane	9.46	93	41622	20.878	ug/l	97
47) Bromodichloromethane	9.64	83	107204	21.081	ug/l	96
48) Methyl methacrylate	9.43	41	49050	21.172	ug/l	96
49) 1,4-Dioxane	9.44	88	12359	416.293	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	278518	105.330	ug/l	99
52) Toluene	10.38	92	194897	21.646	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	105366	21.161	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	119075	21.568	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	57822	21.458	ug/l	96
56) Ethyl methacrylate	10.65	69	70897	21.351	ug/l	97
57) 1,3-Dichloropropane	10.93	76	103075	21.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	166466	103.284	ug/l	98
59) 2-Hexanone	10.97	43	196775	107.527	ug/l	100
60) Dibromochloromethane	11.13	129	67670	20.797	ug/l	99
61) 1,2-Dibromoethane	11.23	107	55541	21.494	ug/l	99
64) Tetrachloroethene	10.86	164	68029	21.566	ug/l	98
65) Chlorobenzene	11.66	112	213057	21.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	75347	21.134	ug/l	99
67) Ethyl Benzene	11.73	91	381144	22.109	ug/l	96
68) m/p-Xylenes	11.84	106	290673	44.406	ug/l	99
69) o-Xylene	12.16	106	133715	21.935	ug/l	98
70) Styrene	12.18	104	219168	21.525	ug/l	99
71) Bromoform	12.35	173	39670	20.676	ug/l #	100
73) Isopropylbenzene	12.46	105	383331	22.414	ug/l	100
74) N-amyl acetate	12.27	43	100208	22.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	68361	21.136	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92539	40.042	ug/l #	100
77) Bromobenzene	12.75	156	84986	21.578	ug/l	97
78) n-propylbenzene	12.80	91	475060	22.526	ug/l	100
79) 2-Chlorotoluene	12.90	91	266757	22.257	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	322938	22.422	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	21158	21.290	ug/l	96
82) 4-Chlorotoluene	12.99	91	284433	22.550	ug/l	98
83) tert-Butylbenzene	13.21	119	275300	22.454	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	336703	22.740	ug/l	99
85) sec-Butylbenzene	13.38	105	410345	22.184	ug/l	99
86) p-Isopropyltoluene	13.50	119	356634	22.167	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	178720	21.977	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	176395	21.717	ug/l	99
89) n-Butylbenzene	13.83	91	350537	22.073	ug/l	99
90) Hexachloroethane	14.10	117	64554	20.953	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	158388	21.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12205	20.671	ug/l	97

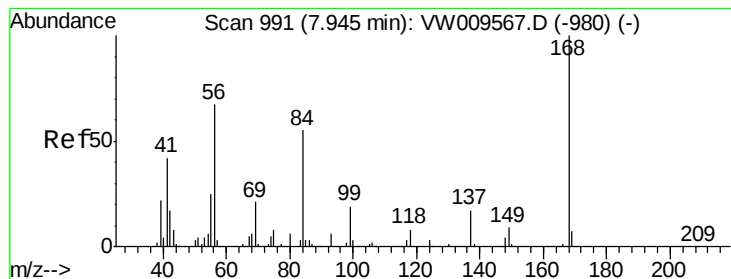
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040419\
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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103203	22.038	ug/l	98
94) Hexachlorobutadiene	15.24	225	62980	20.941	ug/l	99
95) Naphthalene	15.37	128	184042	21.006	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	90226	21.565	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

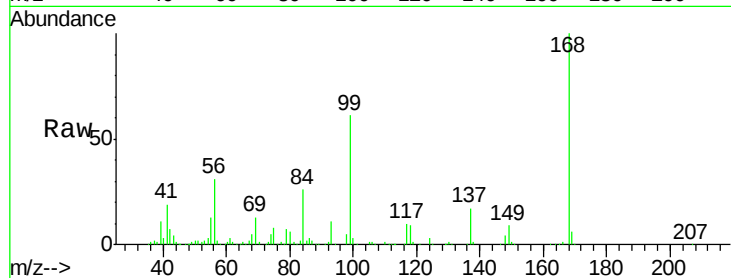
VW0404SBS01

Tgt Ion:168 Resp: 324896

Ion Ratio Lower Upper

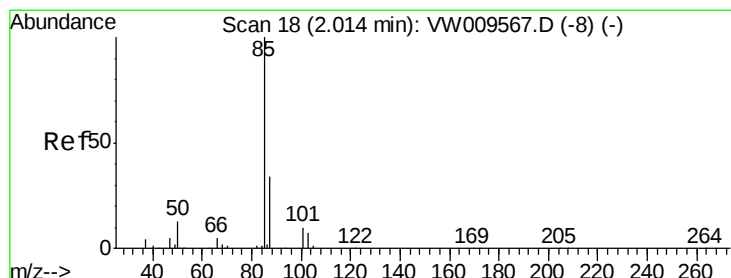
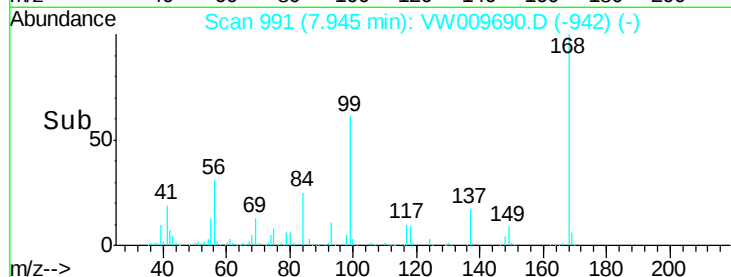
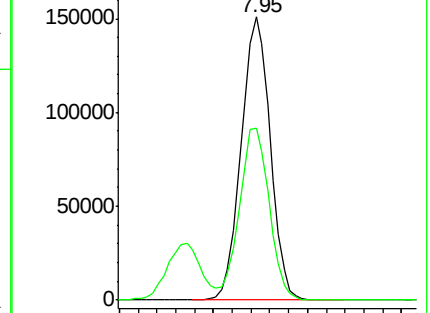
168 100

99 60.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 24.027 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009690.D

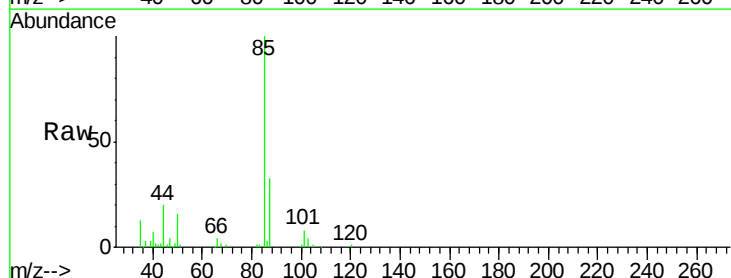
Acq: 04 Apr 2019 12:22

Tgt Ion: 85 Resp: 50426

Ion Ratio Lower Upper

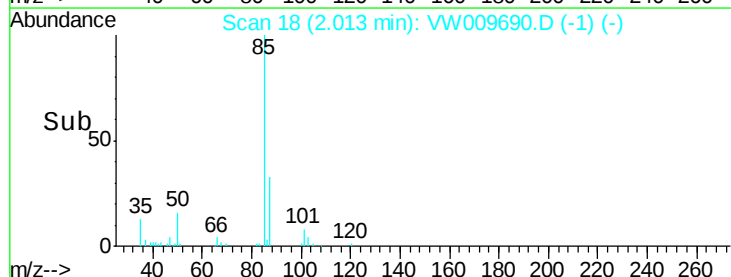
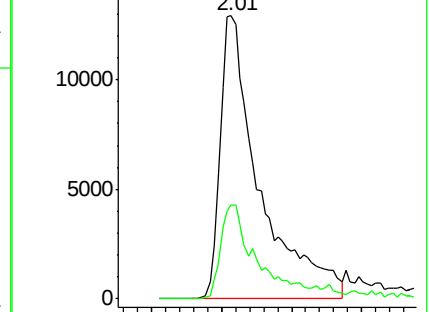
85 100

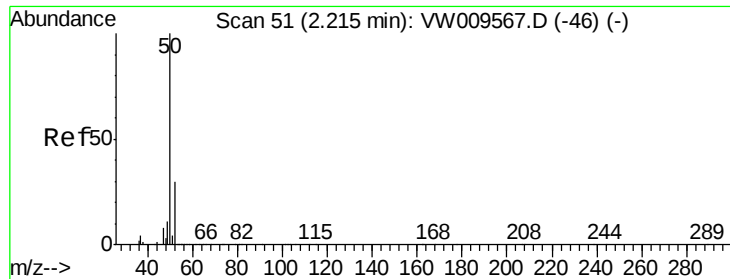
87 33.0 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

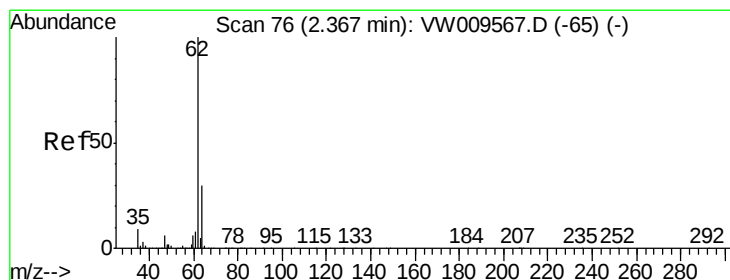
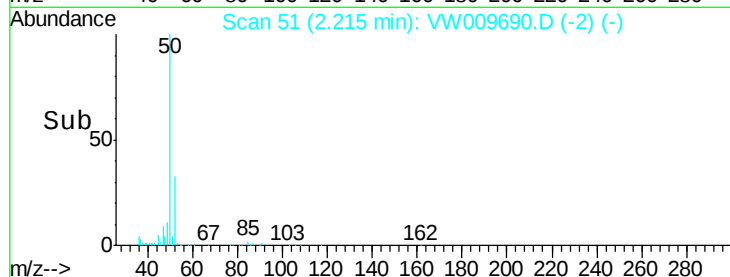
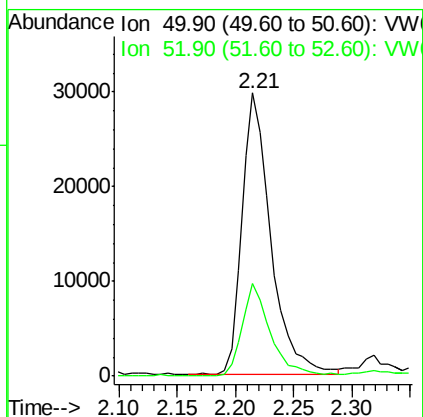
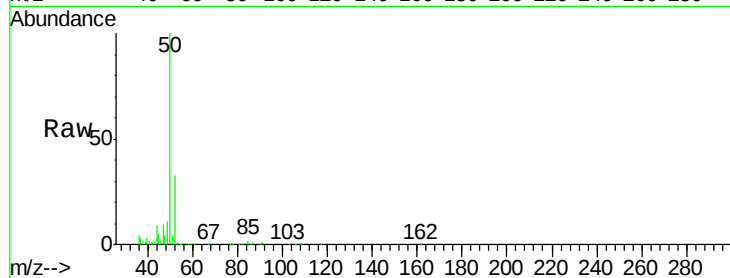




#3
Chloromethane
Concen: 18.648 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

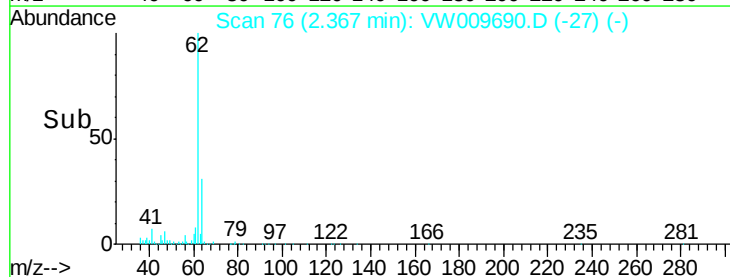
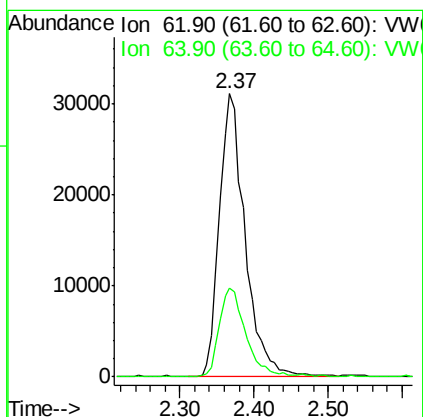
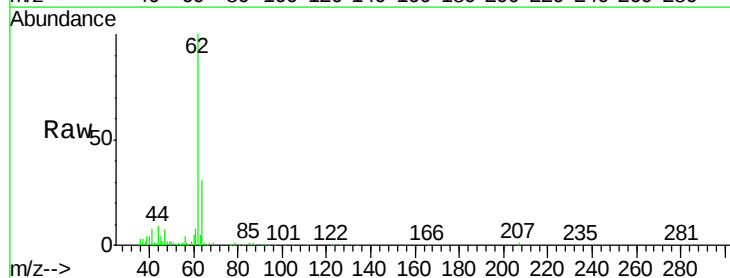
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

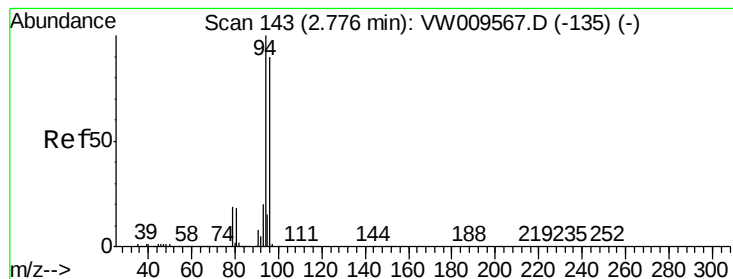
Tgt Ion: 50 Resp: 51038
Ion Ratio Lower Upper
50 100
52 32.9 27.2 40.8



#4
Vinyl Chloride
Concen: 20.510 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 62 Resp: 74973
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5

Bromomethane

Concen: 19.506 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

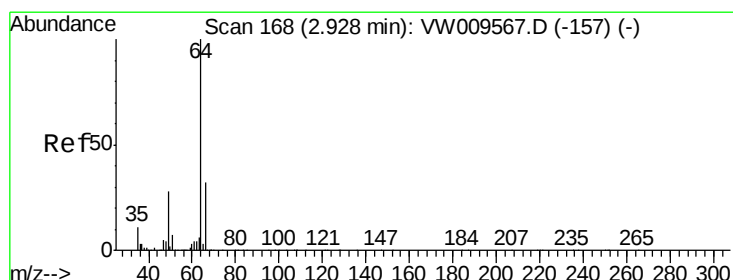
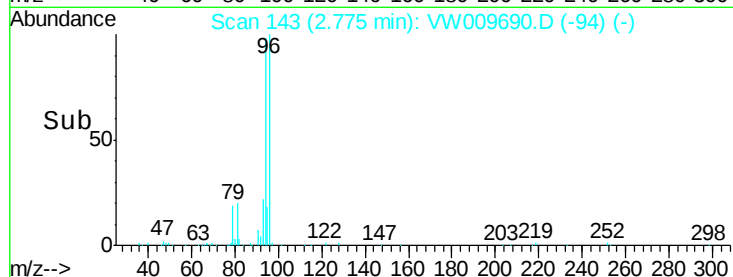
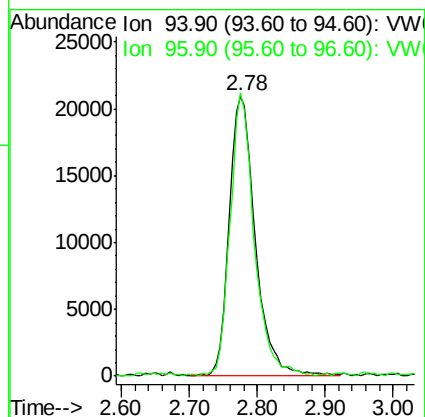
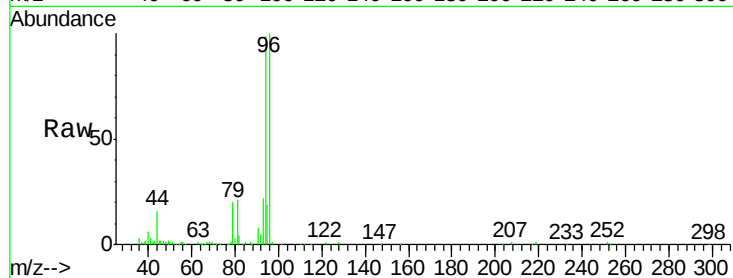
VW0404SBSD01

Tgt Ion: 94 Resp: 55010

Ion Ratio Lower Upper

94 100

96 101.1 71.4 107.2



#6

Chloroethane

Concen: 19.801 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW009690.D

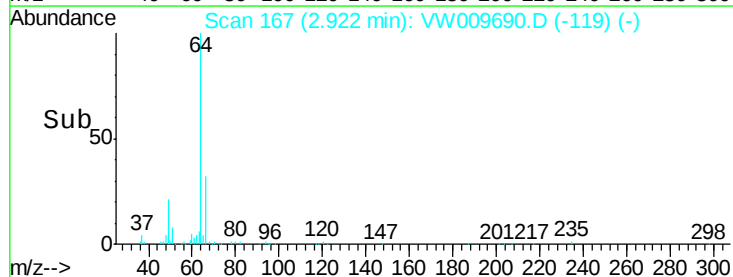
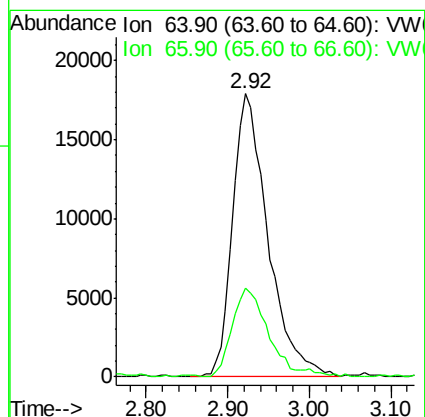
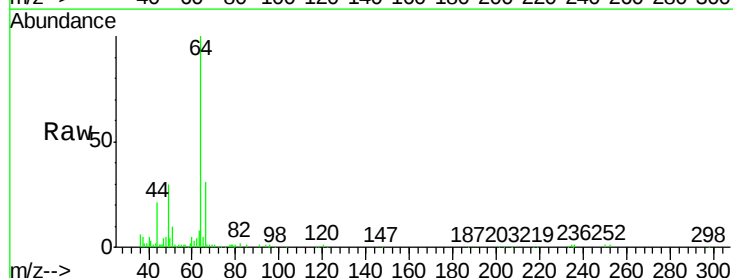
Acq: 04 Apr 2019 12:22

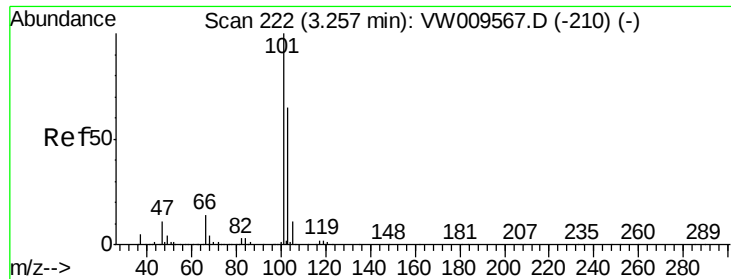
Tgt Ion: 64 Resp: 53602

Ion Ratio Lower Upper

64 100

66 31.0 26.2 39.2



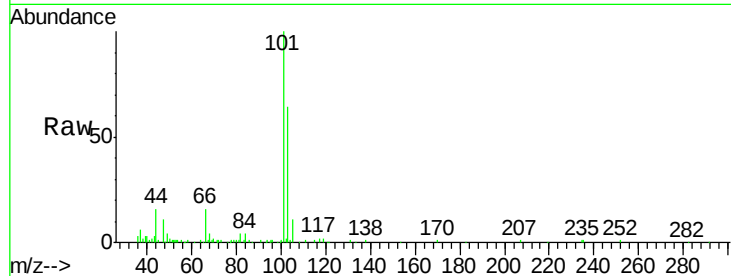


#7

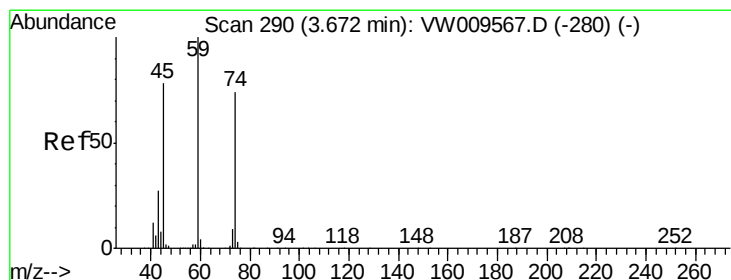
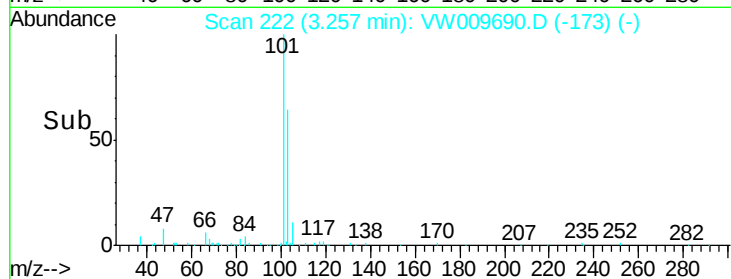
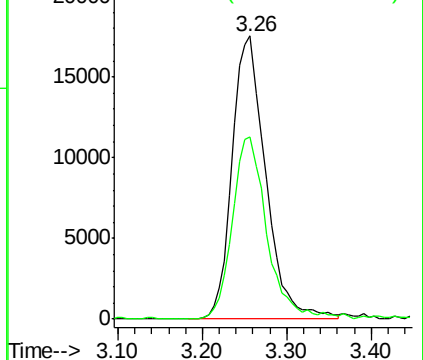
Trichlorofluoromethane
 Concen: 18.984 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

Tgt Ion: 101 Resp: 47413
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.5 75.7



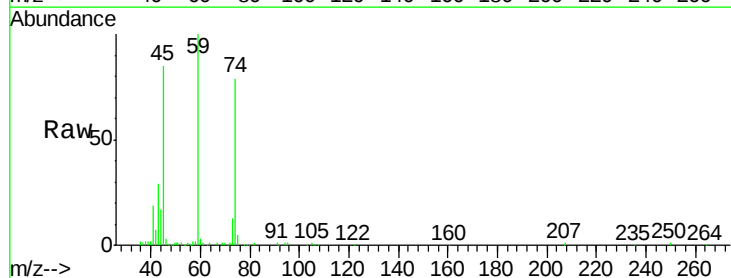
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



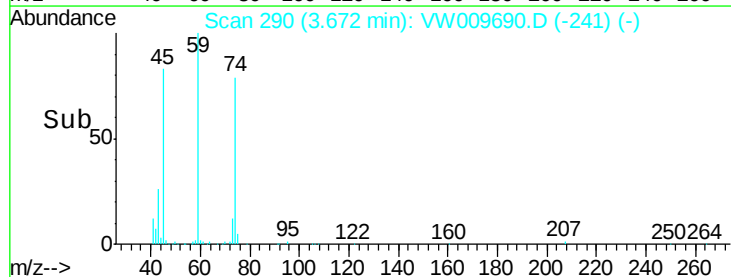
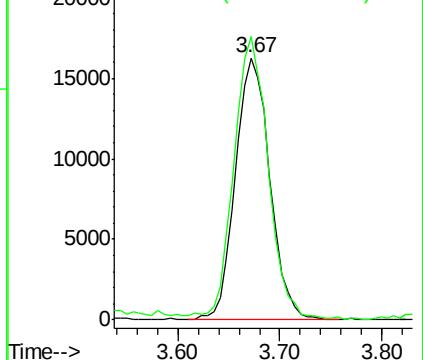
#8

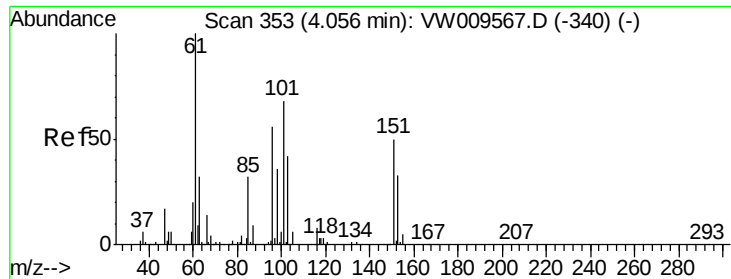
Diethyl Ether
 Concen: 22.694 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion: 74 Resp: 38058
 Ion Ratio Lower Upper
 74 100
 45 108.9 50.6 151.9



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: 22.375 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBSD01

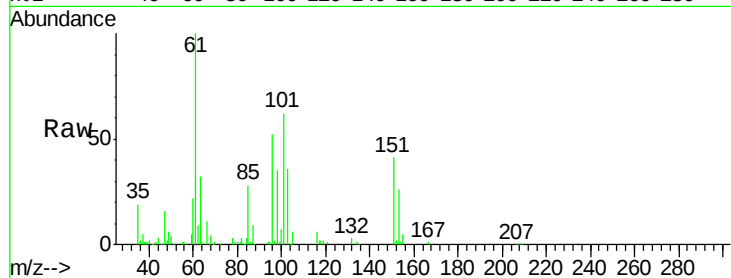
Tgt Ion:101 Resp: 74978

Ion Ratio Lower Upper

101 100

85 45.8 35.1 52.7

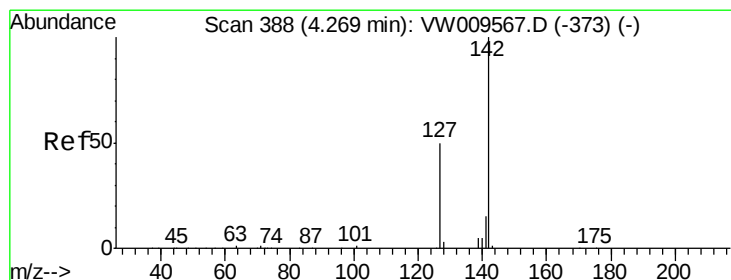
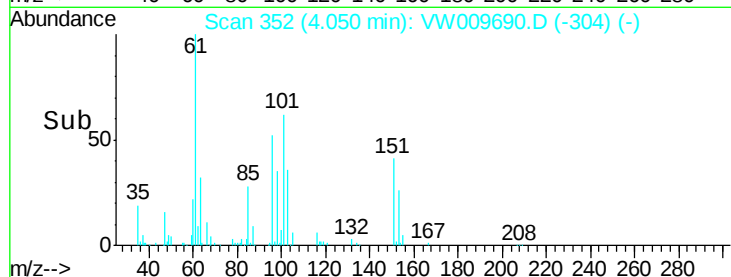
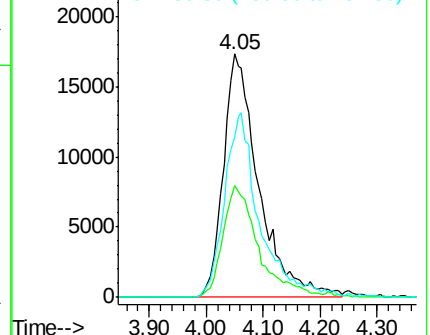
151 74.7 62.9 94.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.816 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

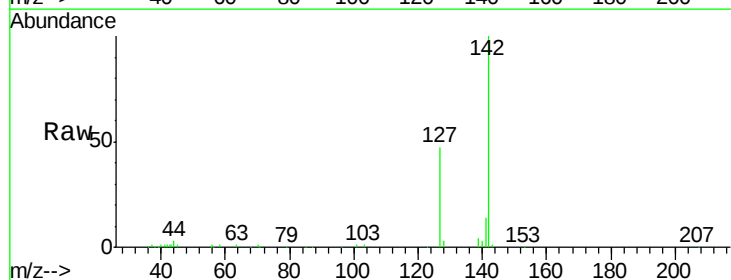
Tgt Ion:142 Resp: 99749

Ion Ratio Lower Upper

142 100

127 49.7 35.9 53.9

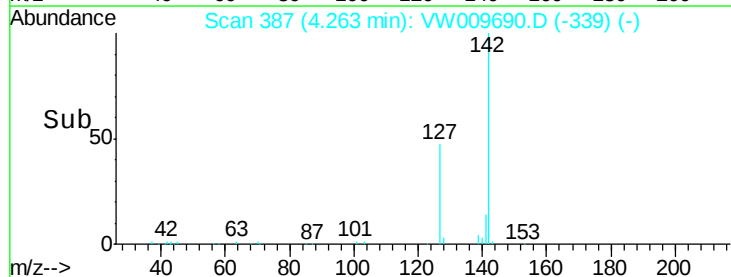
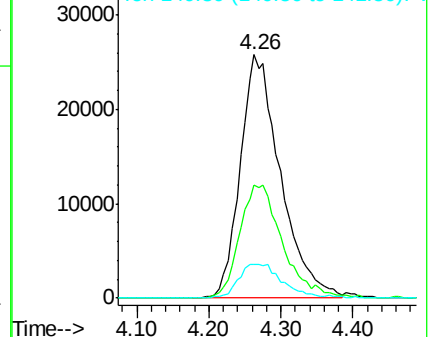
141 15.4 11.4 17.2

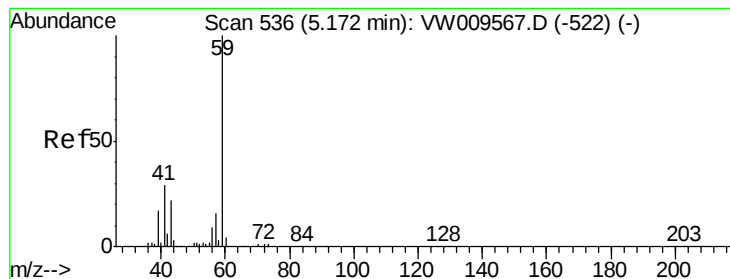


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



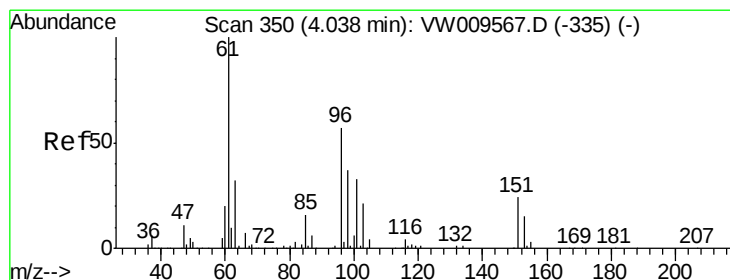
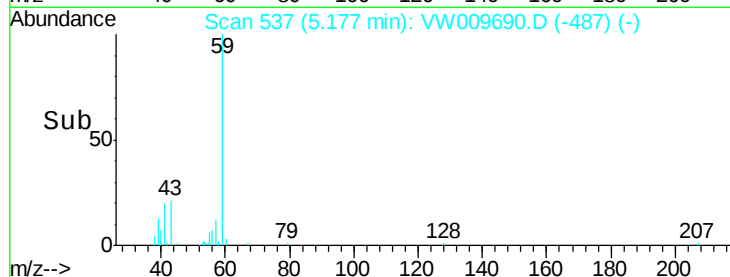
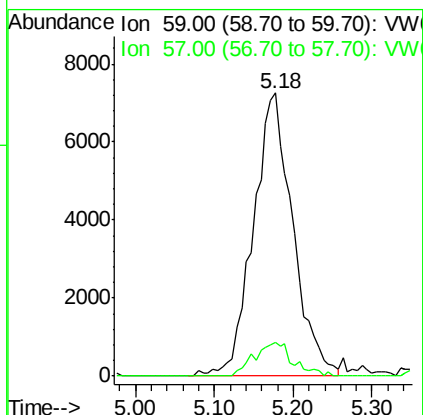
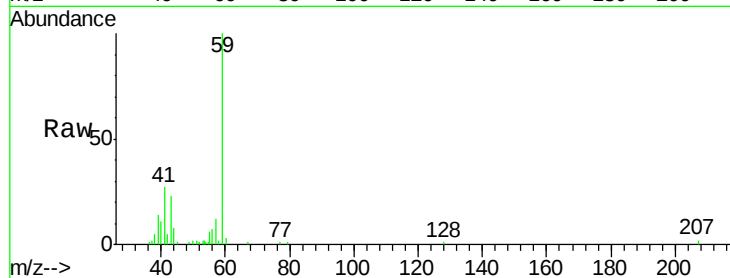


#11

Tert butyl alcohol
 Concen: 117.081 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

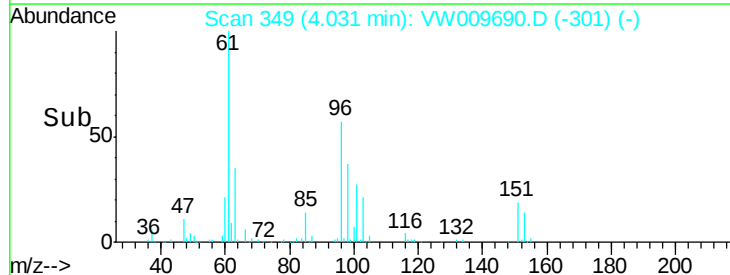
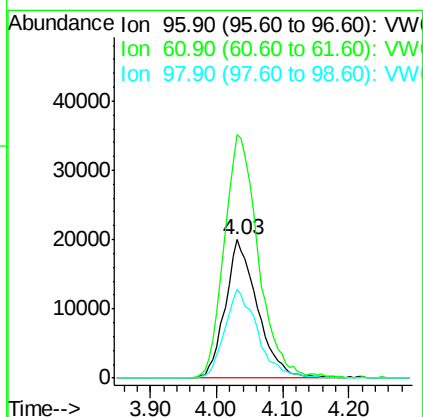
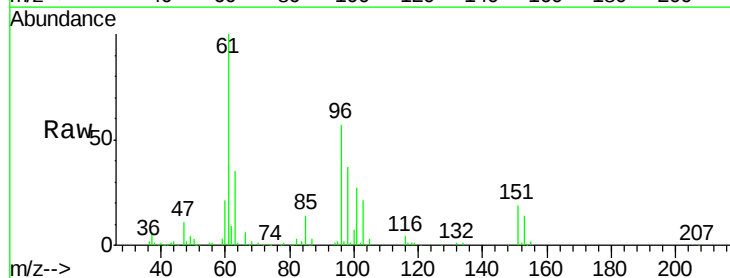
Tgt Ion: 59 Resp: 25221
 Ion Ratio Lower Upper
 59 100
 57 11.8 9.4 14.0

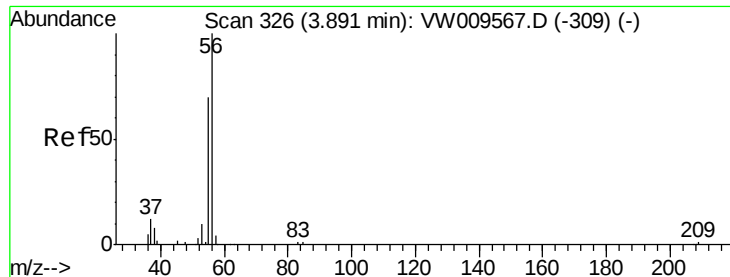


#12

1,1-Dichloroethene
 Concen: 21.528 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion: 96 Resp: 67512
 Ion Ratio Lower Upper
 96 100
 61 176.2 138.0 207.0
 98 64.6 49.8 74.8





#13

Acrolein

Concen: 96.875 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

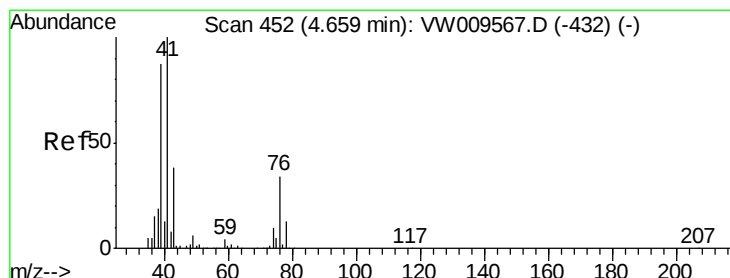
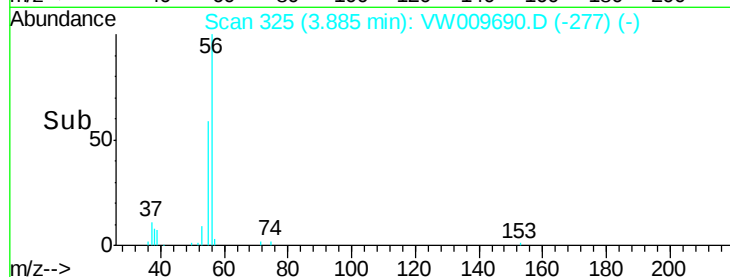
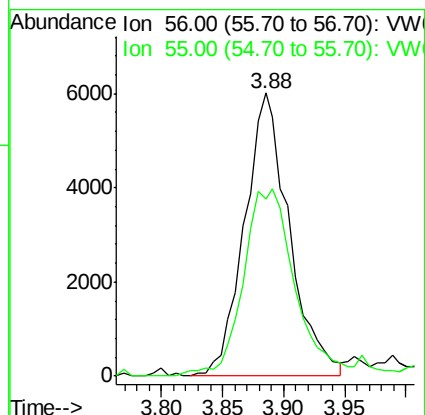
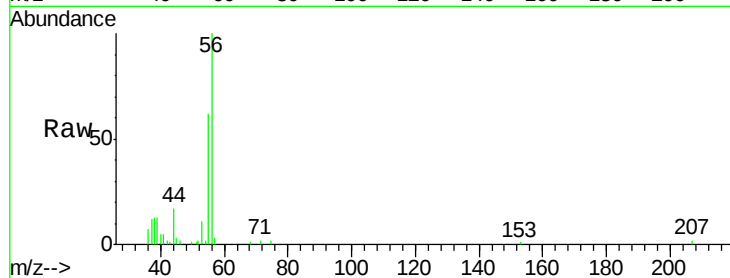
VW0404SBSD01

Tgt Ion: 56 Resp: 15306

Ion Ratio Lower Upper

56 100

55 75.5 55.2 82.8



#14

Allyl chloride

Concen: 23.066 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

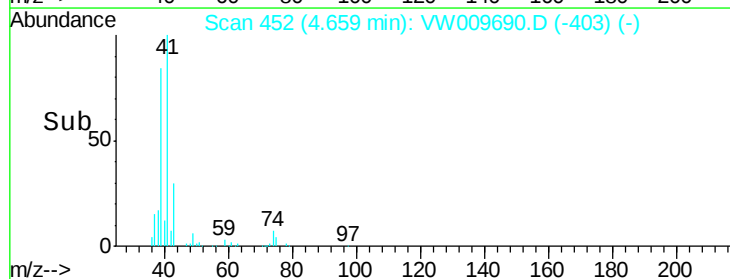
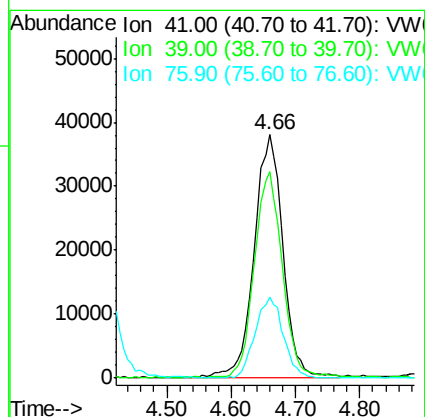
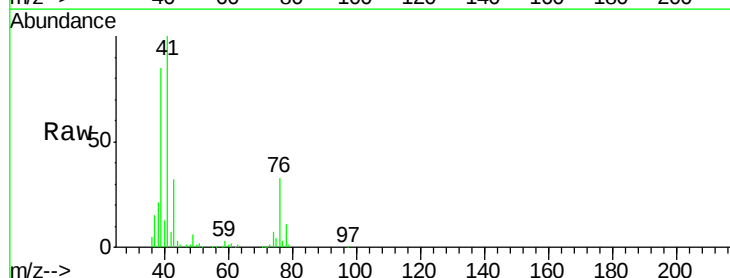
Tgt Ion: 41 Resp: 115692

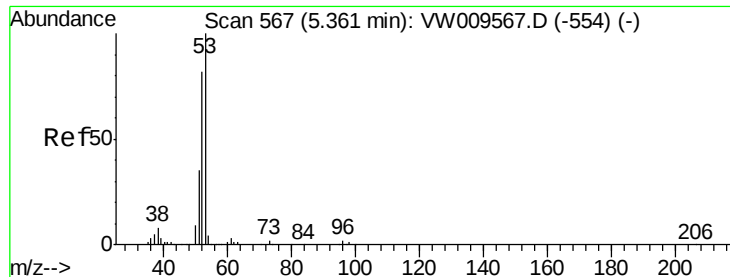
Ion Ratio Lower Upper

41 100

39 81.7 63.8 95.6

76 32.8 27.8 41.6





#15

Acrylonitrile

Concen: 109.438 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBSD01

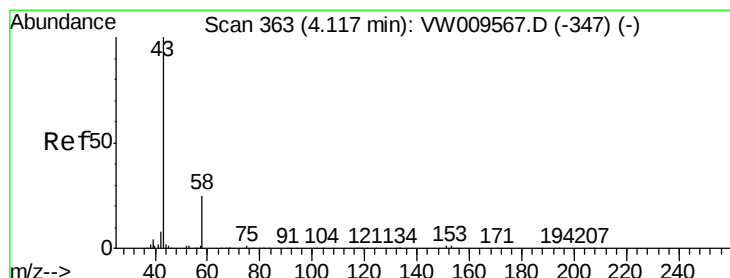
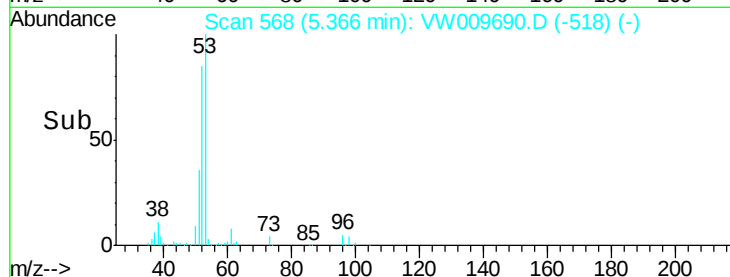
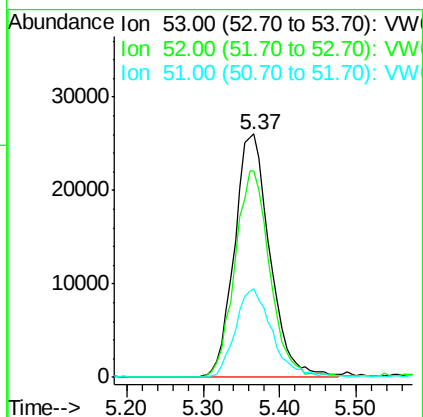
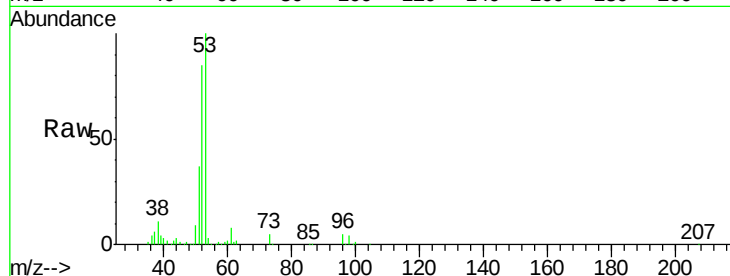
Tgt Ion: 53 Resp: 83891

Ion Ratio Lower Upper

53 100

52 83.9 67.6 101.4

51 37.5 30.6 45.8



#16

Acetone

Concen: 121.889 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009690.D

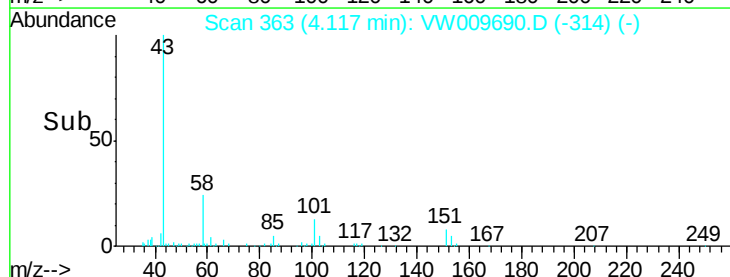
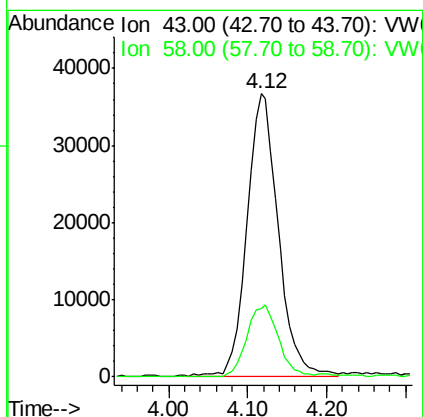
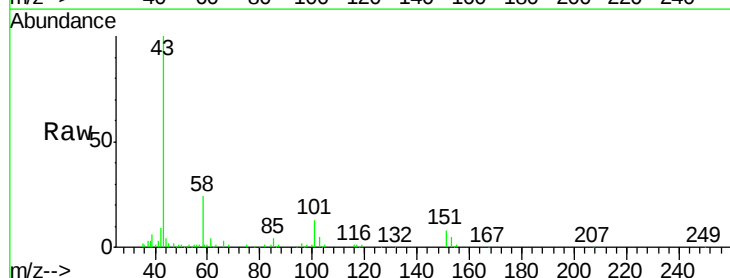
Acq: 04 Apr 2019 12:22

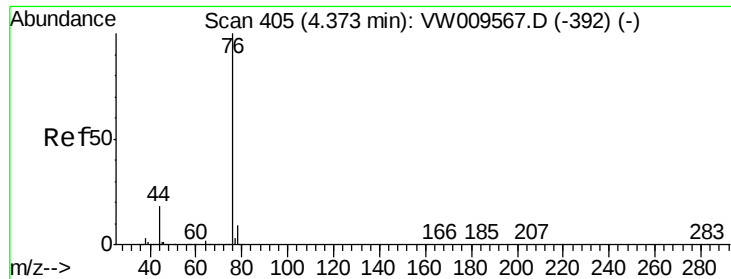
Tgt Ion: 43 Resp: 101817

Ion Ratio Lower Upper

43 100

58 23.8 23.6 35.4





#17

Carbon Disulfide

Concen: 21.653 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

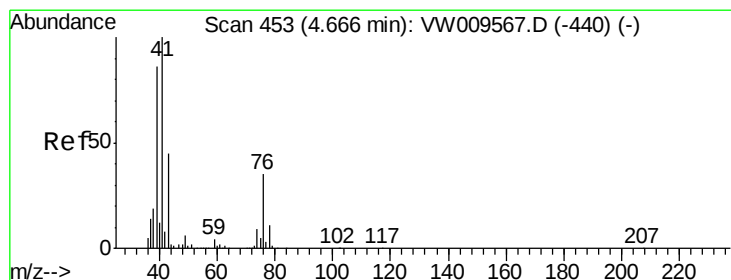
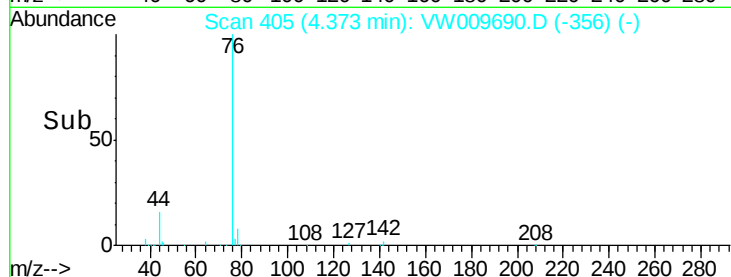
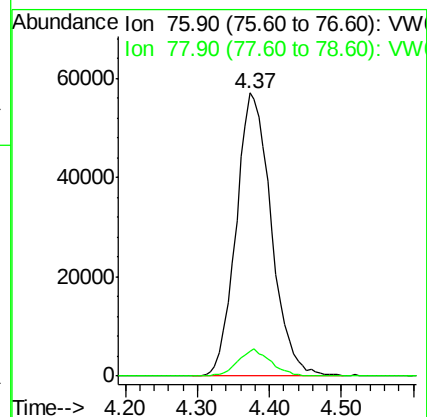
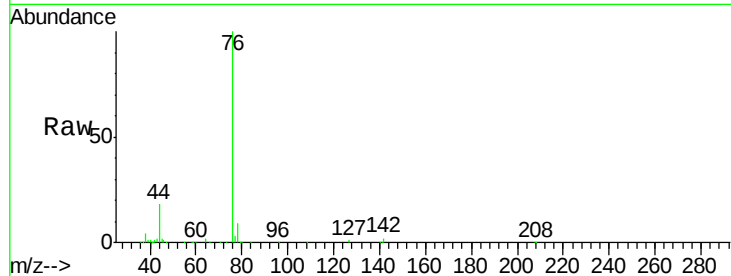
VW0404SBSD01

Tgt Ion: 76 Resp: 193215

Ion Ratio Lower Upper

76 100

78 8.9 6.6 9.8



#18

Methyl Acetate

Concen: 19.292 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW009690.D

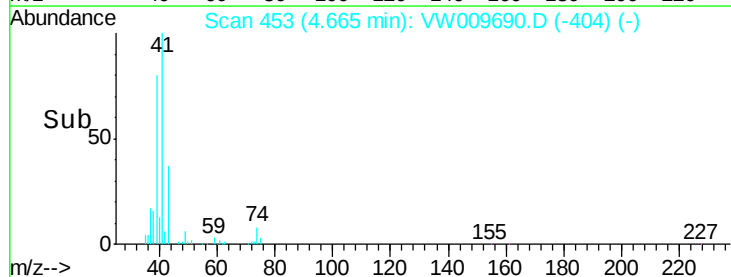
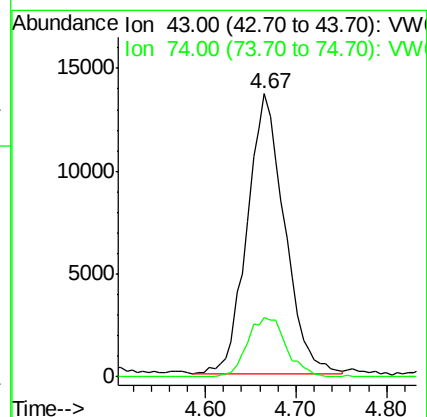
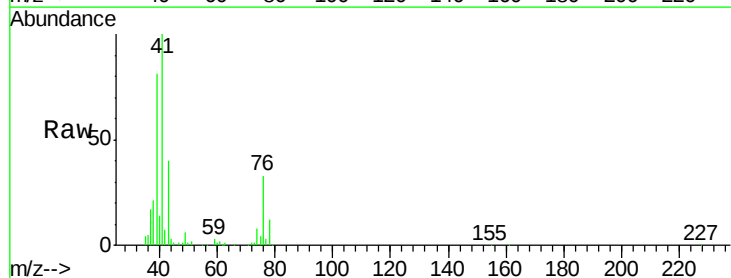
Acq: 04 Apr 2019 12:22

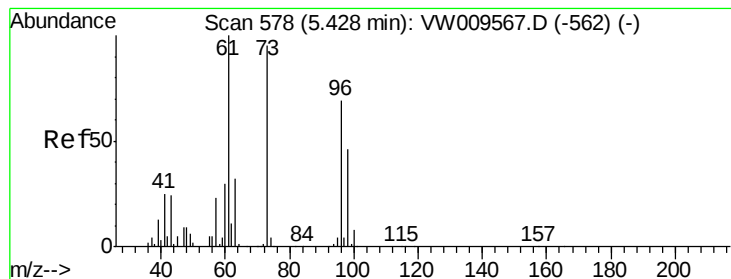
Tgt Ion: 43 Resp: 38954

Ion Ratio Lower Upper

43 100

74 22.0 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 23.736 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

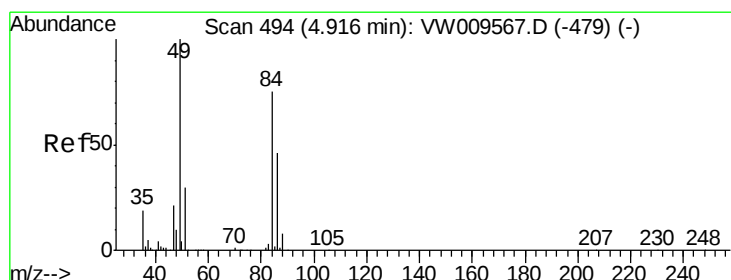
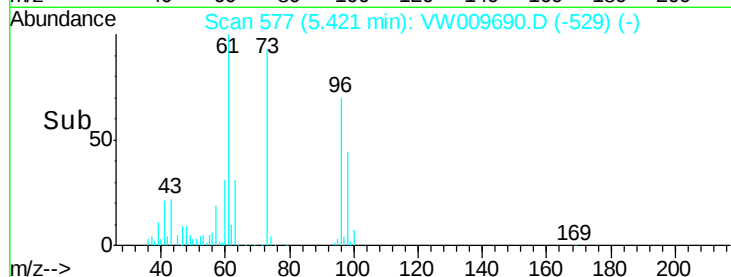
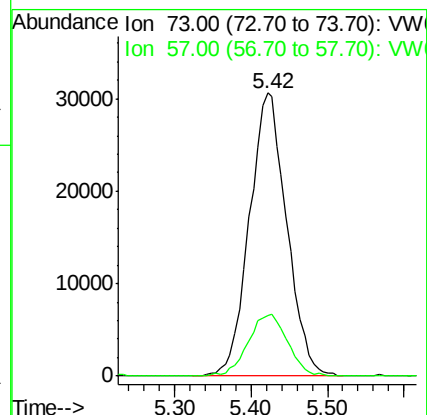
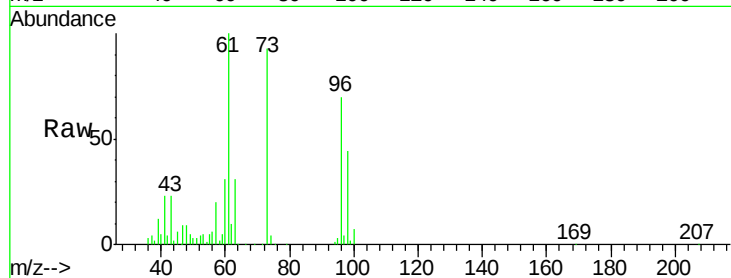
VW0404SBSD01

Tgt Ion: 73 Resp: 103523

Ion Ratio Lower Upper

73 100

57 21.3 17.0 25.6



#20

Methylene Chloride

Concen: 22.817 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Tgt Ion: 84 Resp: 81683

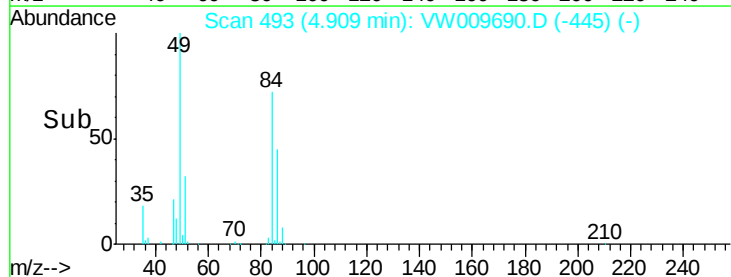
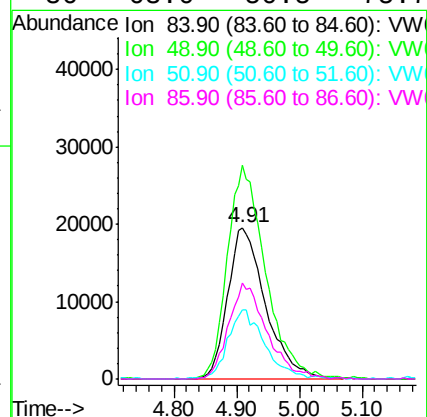
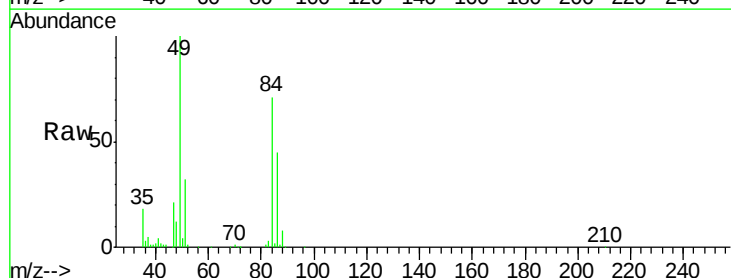
Ion Ratio Lower Upper

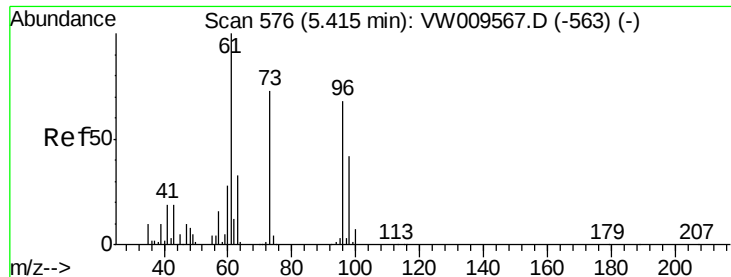
84 100

49 140.8 99.1 148.7

51 44.8 28.7 43.1#

86 63.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 21.949 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBSD01

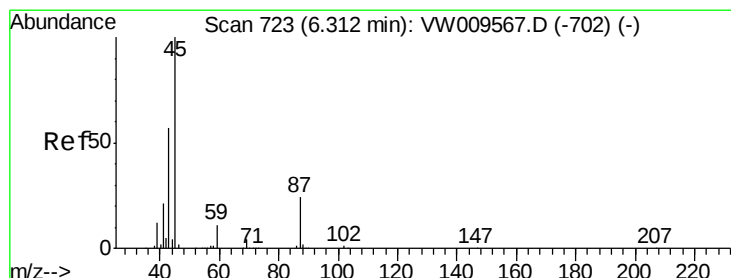
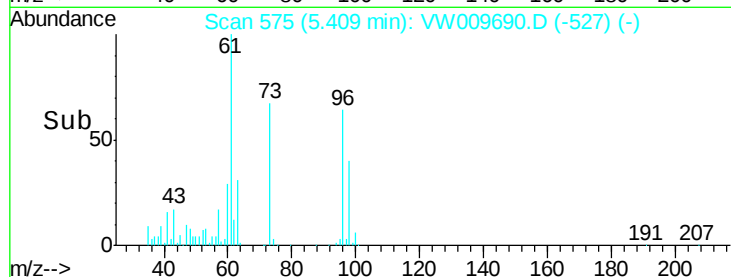
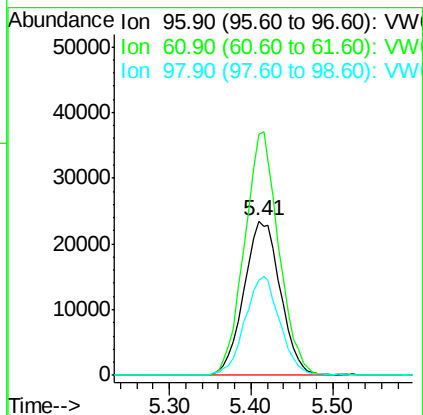
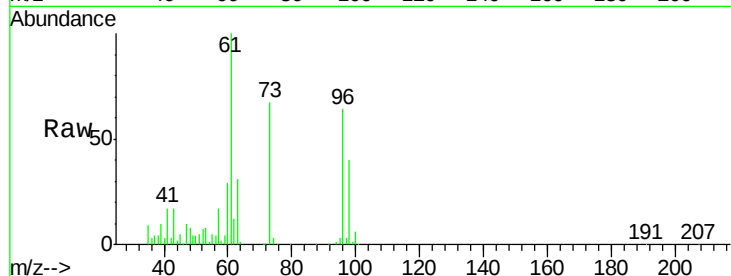
Tgt Ion: 96 Resp: 73080

Ion Ratio Lower Upper

96 100

61 156.3 108.2 162.4

98 61.9 50.9 76.3



#22

Diisopropyl ether

Concen: 22.701 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Tgt Ion: 45 Resp: 245904

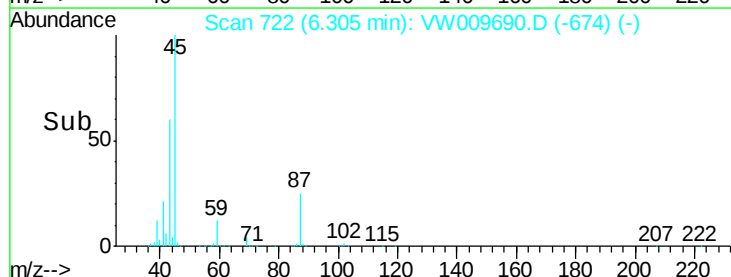
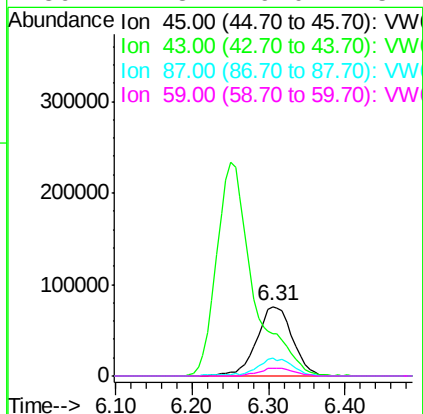
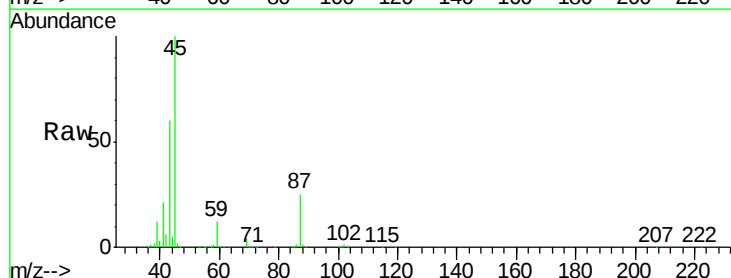
Ion Ratio Lower Upper

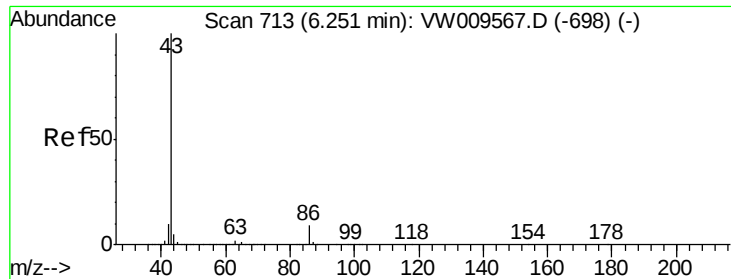
45 100

43 59.4 47.9 71.9

87 25.1 20.6 30.8

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 114.167 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

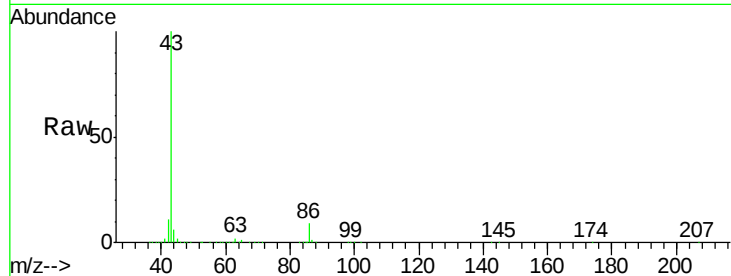
VW0404SBSD01

Tgt Ion: 43 Resp: 771494

Ion Ratio Lower Upper

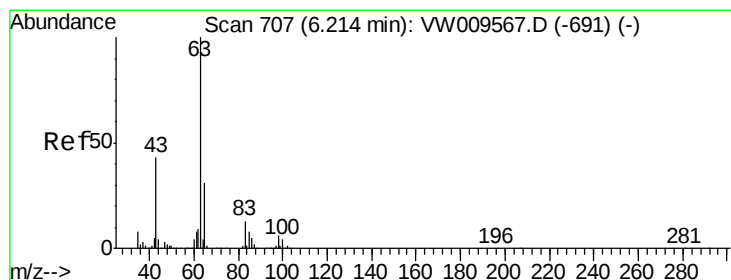
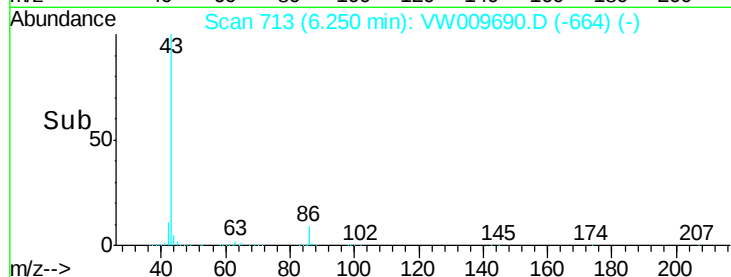
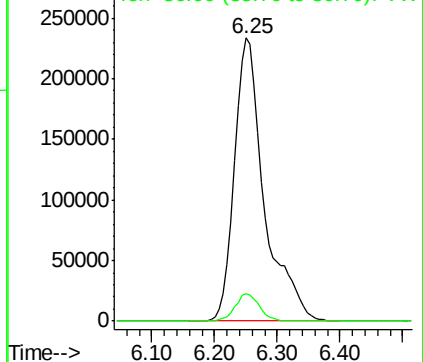
43 100

86 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.727 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

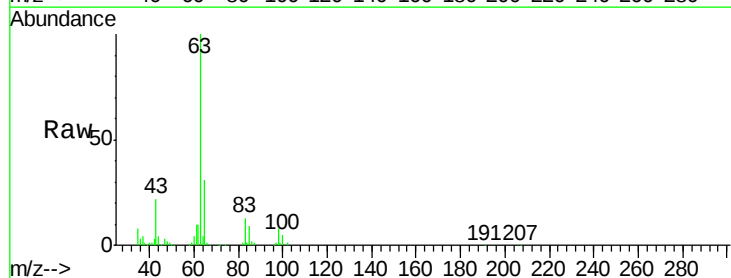
Tgt Ion: 63 Resp: 141658

Ion Ratio Lower Upper

63 100

98 8.3 3.7 11.1

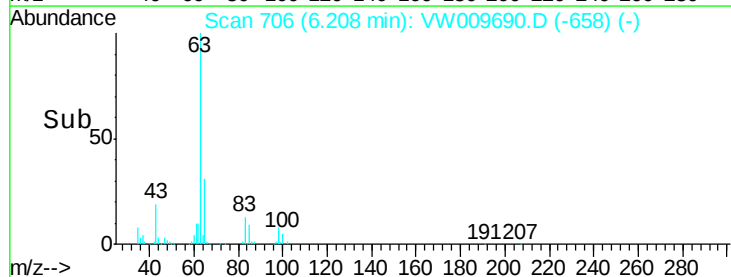
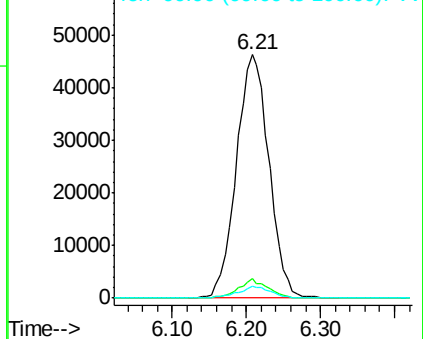
100 5.2 2.4 7.1

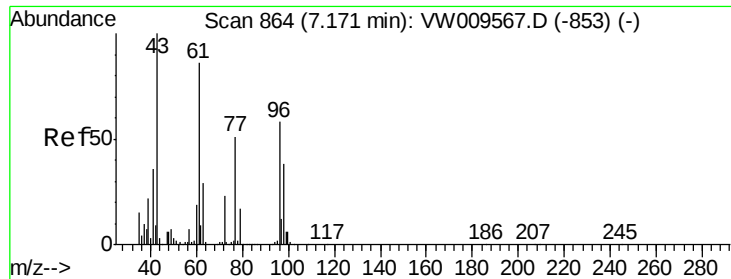


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 110.368 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleID :

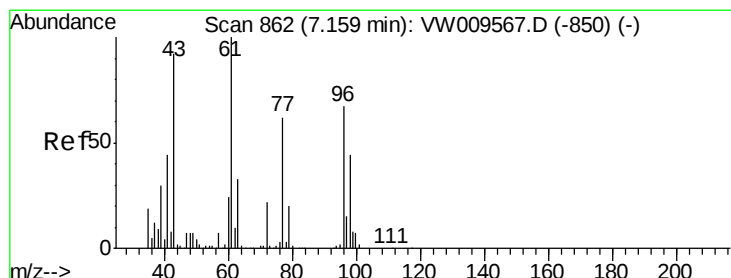
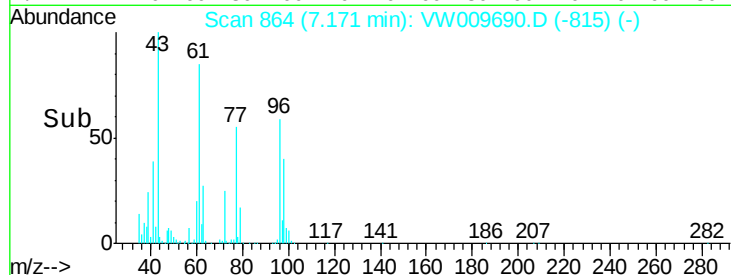
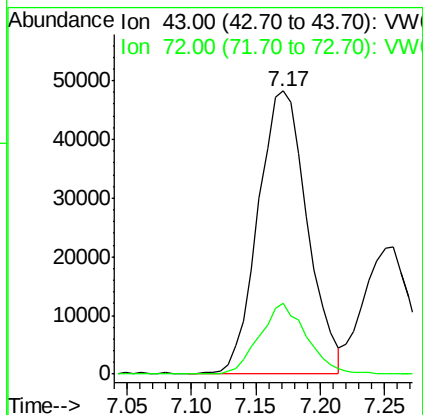
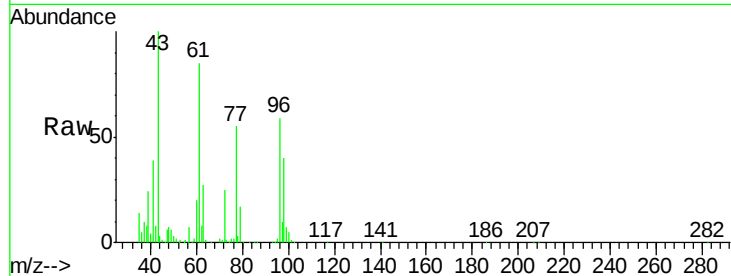
VW0404SBSD01

Tgt Ion: 43 Resp: 127401

Ion Ratio Lower Upper

43 100

72 25.2 20.0 30.0



#26

2,2-Dichloropropane

Concen: 22.926 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW009690.D

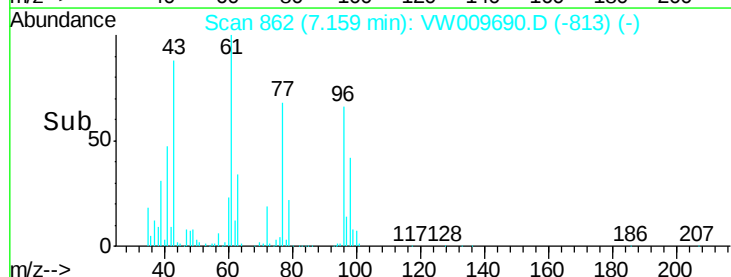
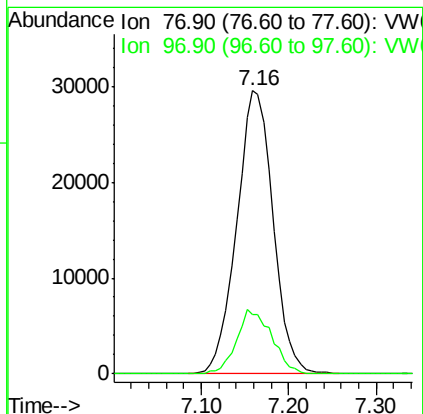
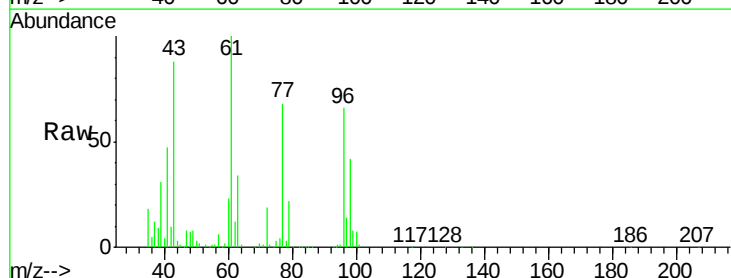
Acq: 04 Apr 2019 12:22

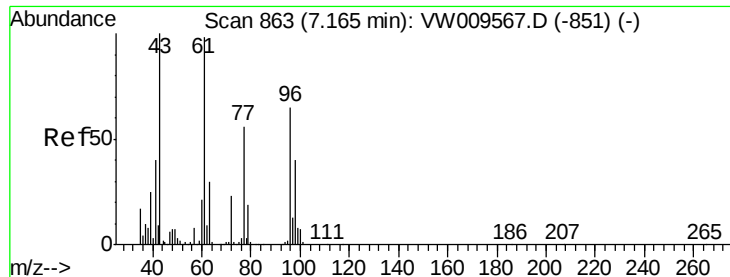
Tgt Ion: 77 Resp: 85457

Ion Ratio Lower Upper

77 100

97 22.0 11.6 34.7



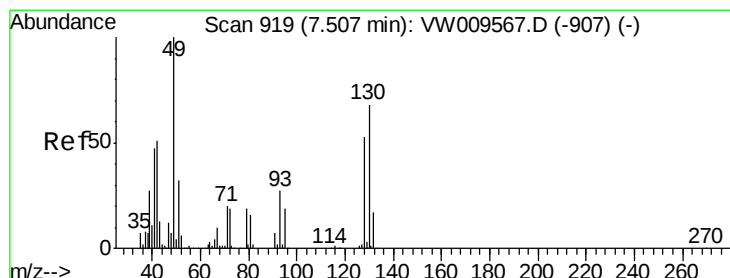
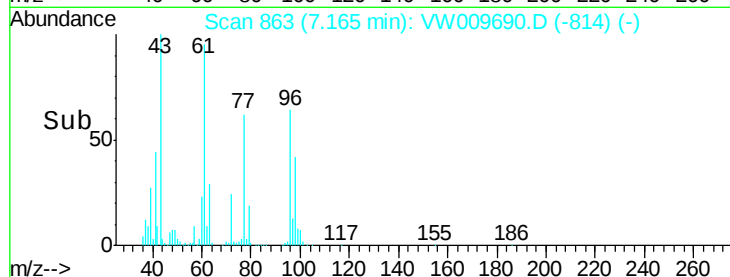
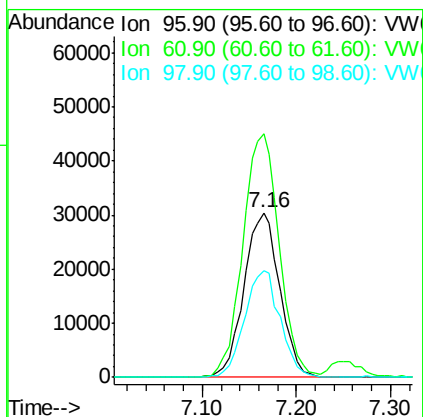
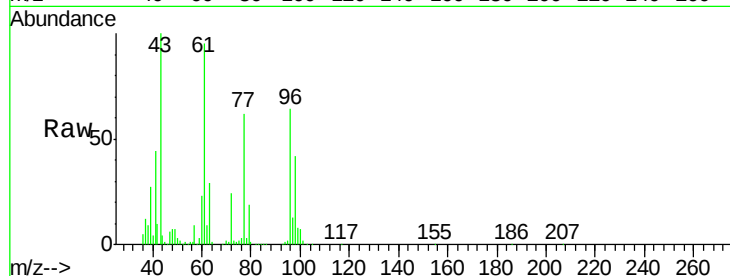


#27

cis-1,2-Dichloroethene
Concen: 22.263 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

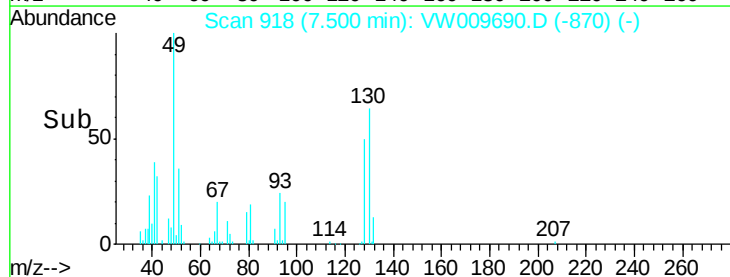
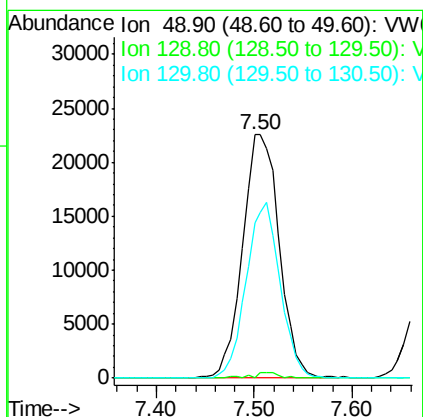
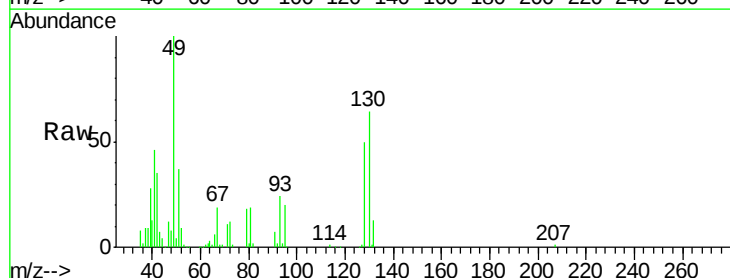
Tgt Ion: 96 Resp: 80951
Ion Ratio Lower Upper
96 100
61 150.4 0.0 289.8
98 64.3 0.0 130.8

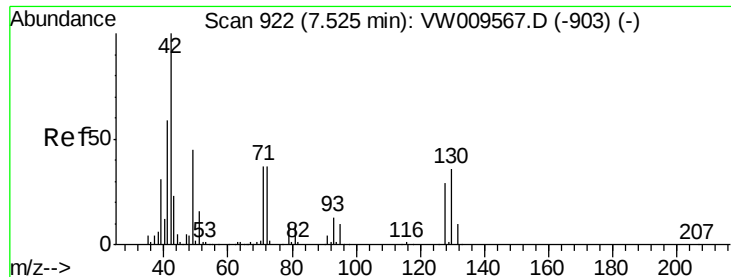


#28

Bromochloromethane
Concen: 20.776 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 49 Resp: 58695
Ion Ratio Lower Upper
49 100
129 1.3 0.0 1.4
130 66.9 58.6 88.0

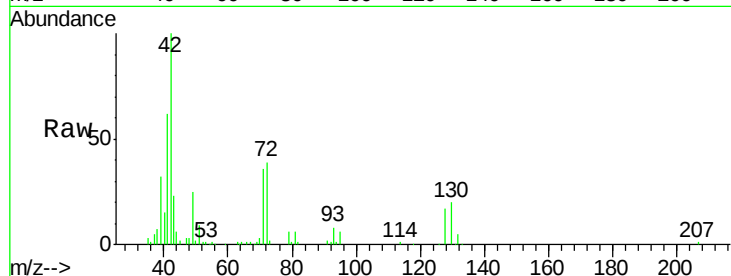




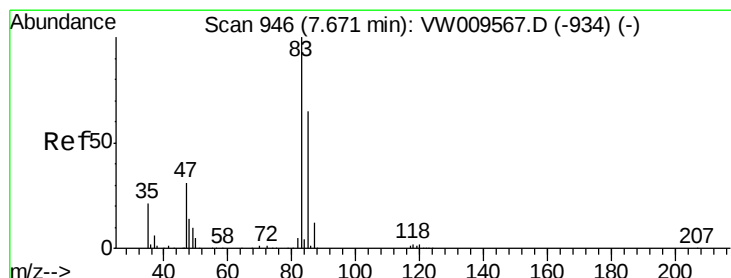
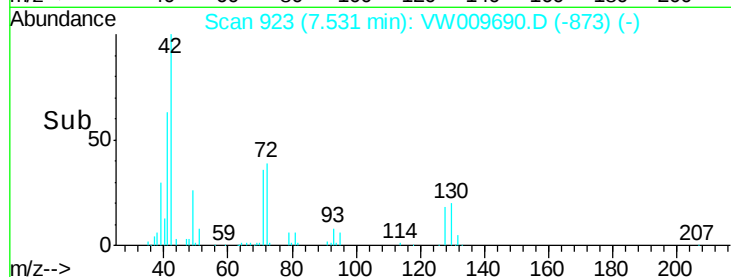
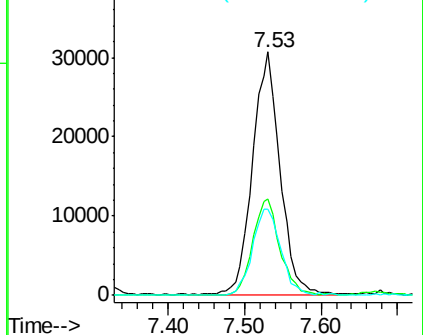
#29
Tetrahydrofuran
Concen: 108.005 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

Tgt Ion: 42 Resp: 77414
Ion Ratio Lower Upper
42 100
72 38.9 32.4 48.6
71 36.4 30.1 45.1

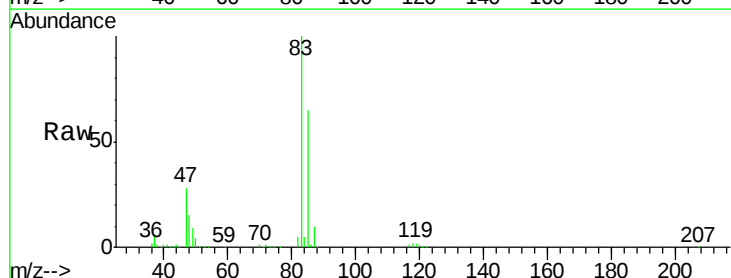


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

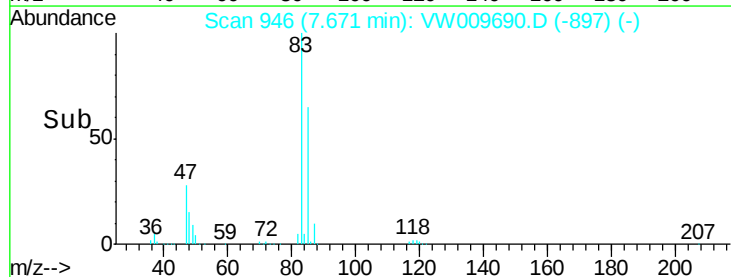
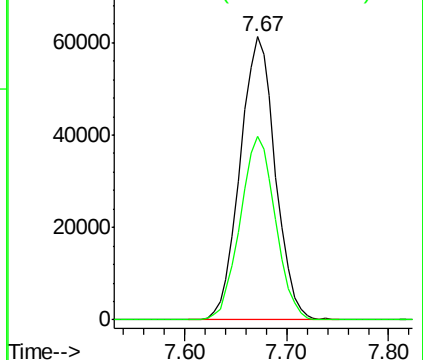


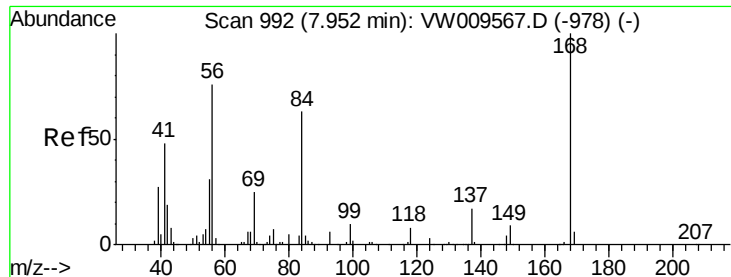
#30
Chloroform
Concen: 21.778 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 83 Resp: 147060
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.6



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

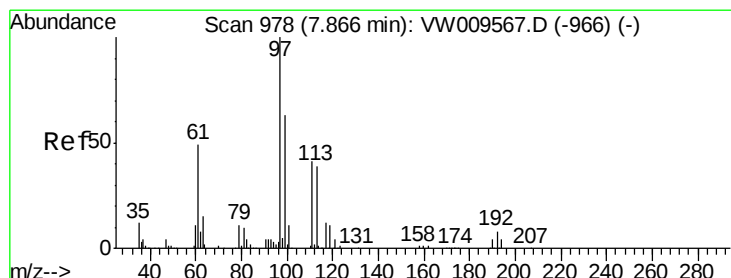
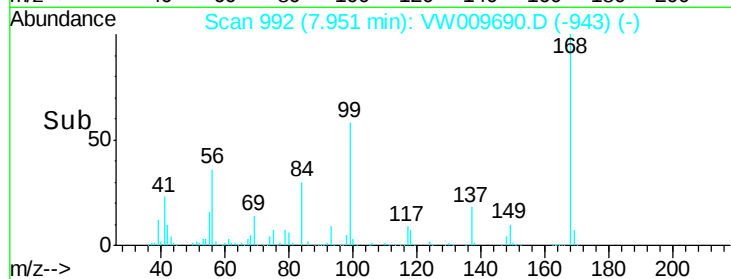
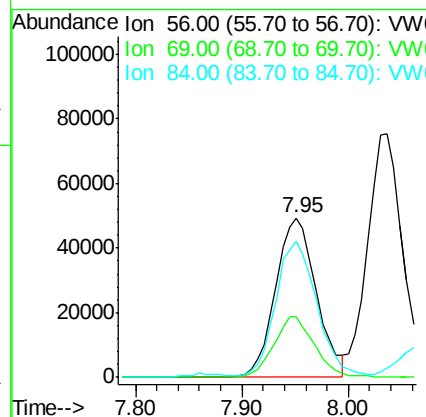
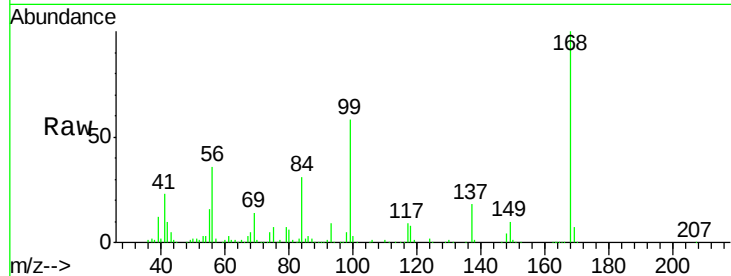




#31
Cyclohexane
Concen: 21.399 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

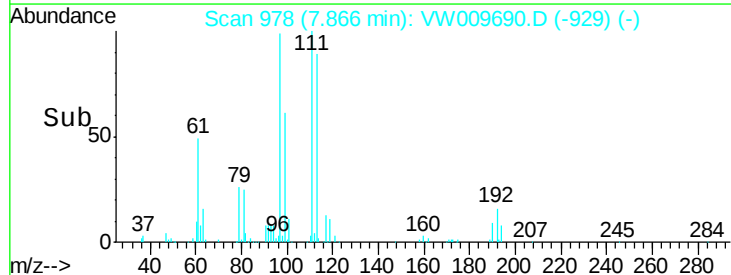
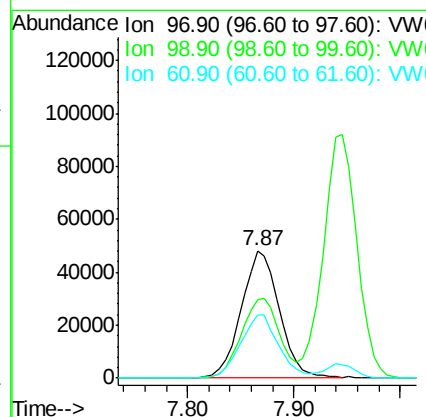
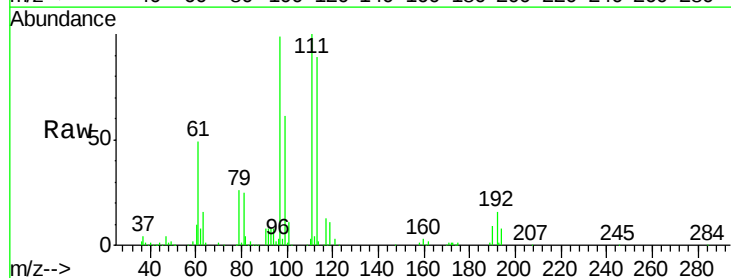
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

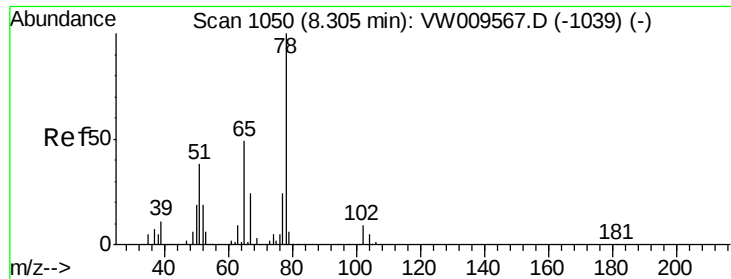
Tgt Ion: 56 Resp: 130797
Ion Ratio Lower Upper
56 100
69 37.8 26.1 39.1
84 84.5 68.6 103.0



#32
1,1,1-Trichloroethane
Concen: 22.009 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 97 Resp: 120316
Ion Ratio Lower Upper
97 100
99 63.2 51.9 77.9
61 49.7 36.8 55.2

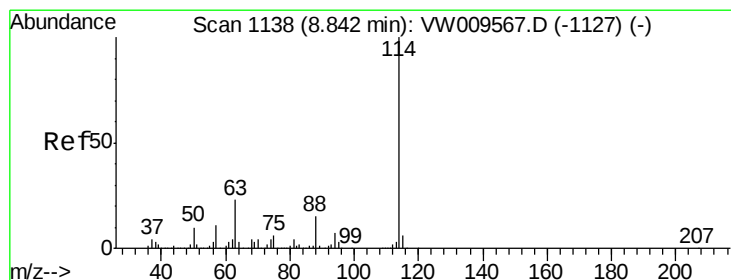
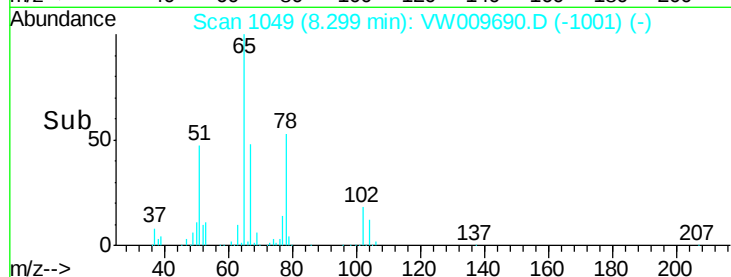
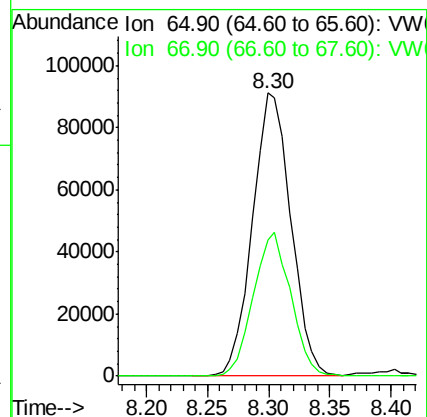
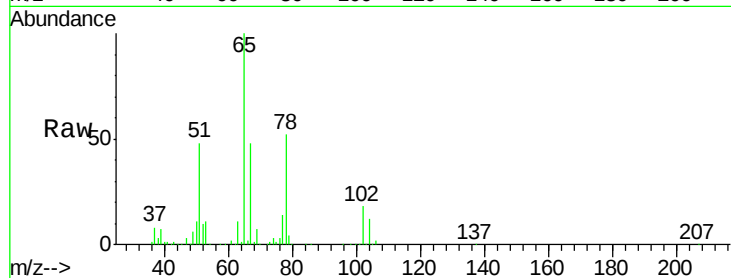




#33
 1,2-Dichloroethane-d4
 Concen: 53.686 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

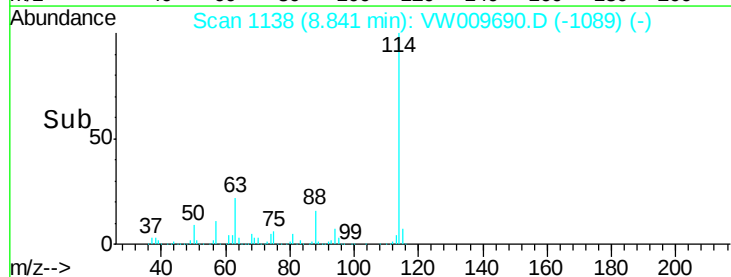
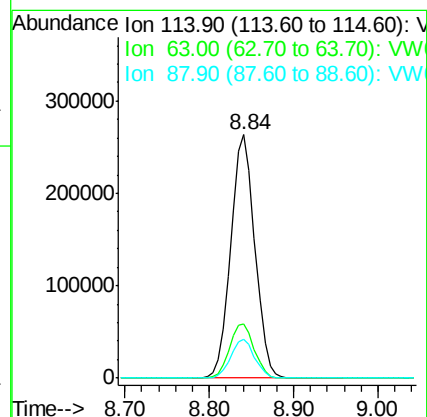
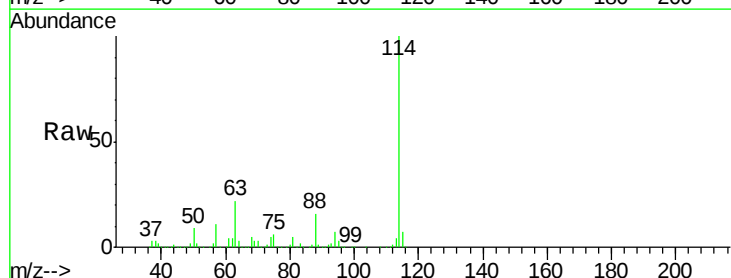
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

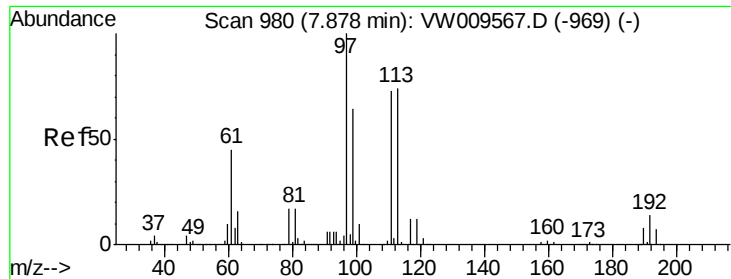
Tgt Ion: 65 Resp: 199461
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion: 114 Resp: 513180
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.2
 88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.744 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBSD01

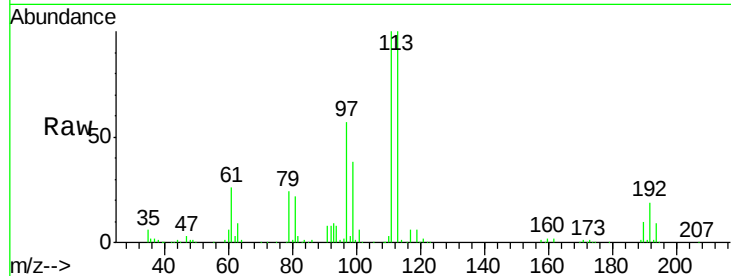
Tgt Ion:113 Resp: 163556

Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

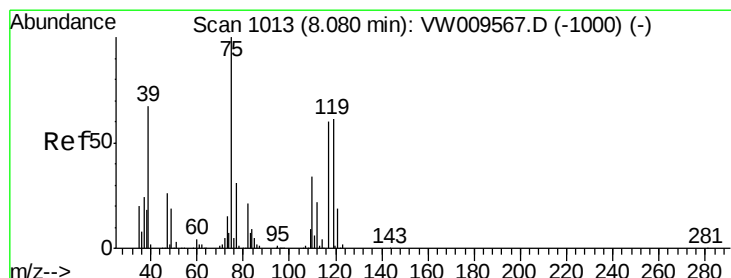
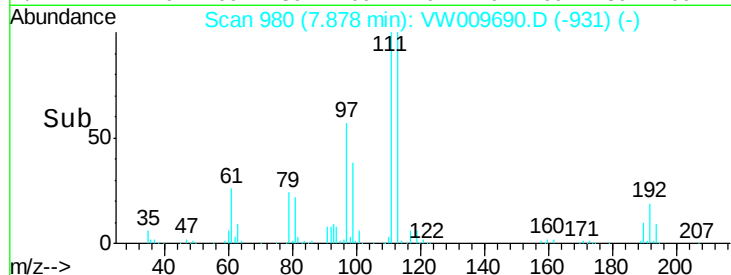
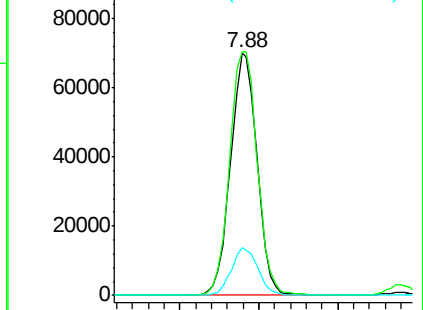
192 19.6 16.4 24.6



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: 21.319 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

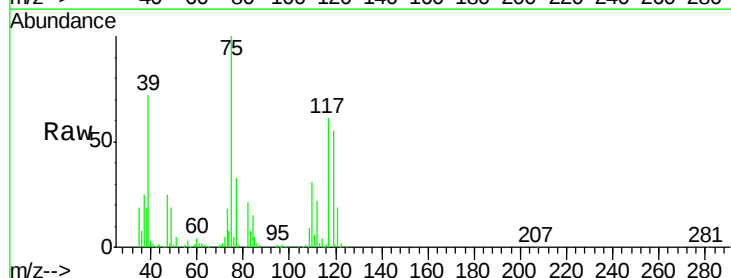
Tgt Ion: 75 Resp: 113161

Ion Ratio Lower Upper

75 100

110 33.2 16.8 50.4

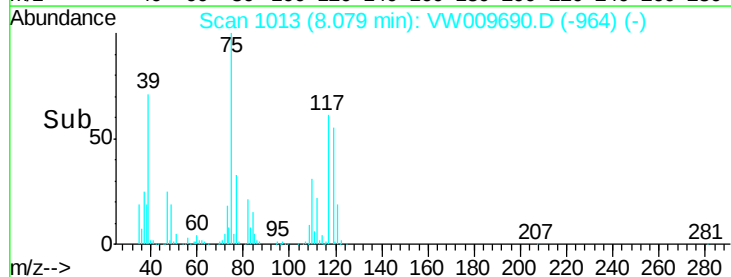
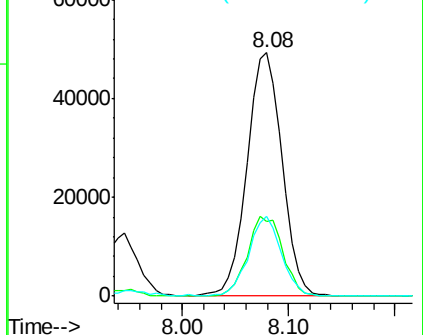
77 31.2 24.6 36.8

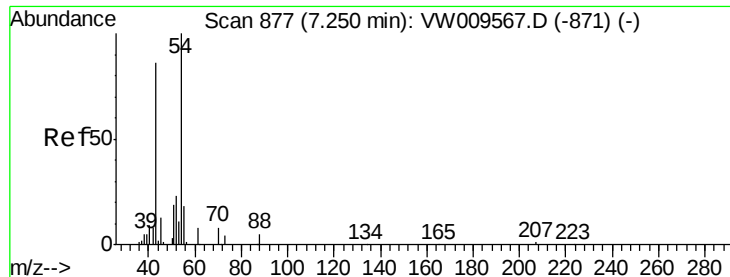


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

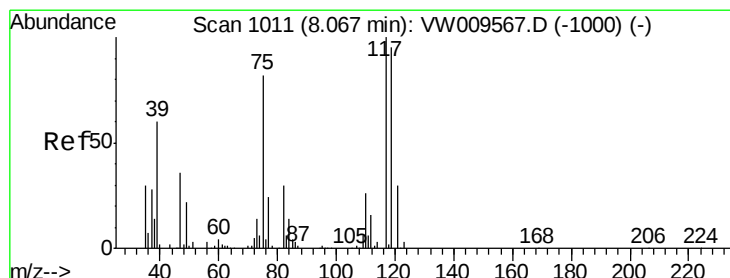
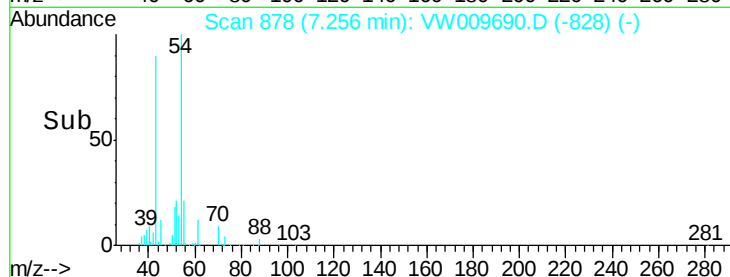
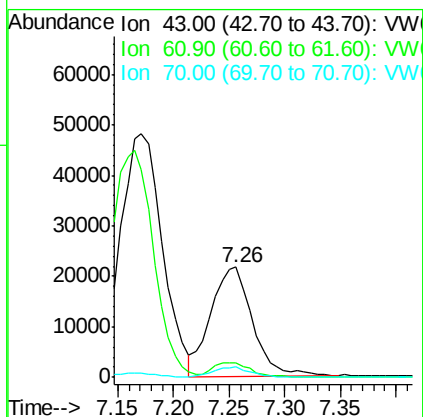
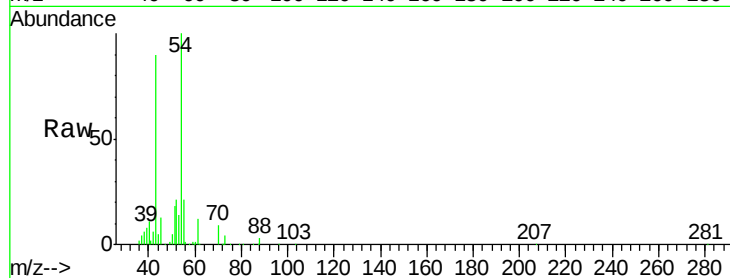




#37
Ethyl Acetate
Concen: 22.177 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

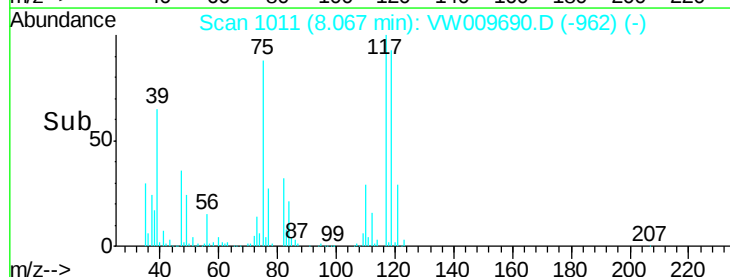
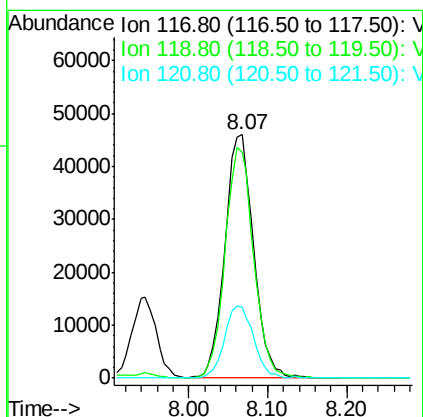
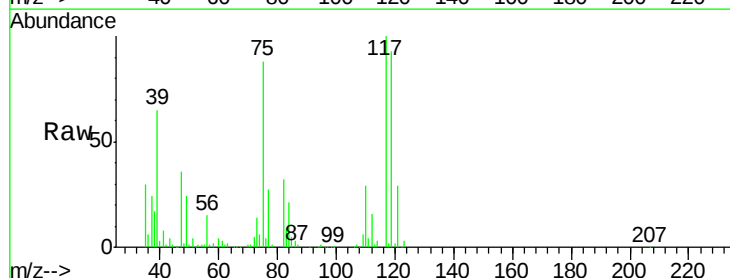
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

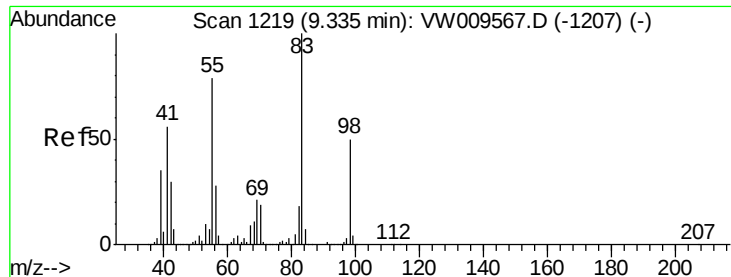
Tgt Ion: 43 Resp: 55925
Ion Ratio Lower Upper
43 100
61 12.5 10.0 15.0
70 8.9 7.3 10.9



#38
Carbon Tetrachloride
Concen: 21.457 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 117 Resp: 116705
Ion Ratio Lower Upper
117 100
119 92.8 75.4 113.0
121 29.2 24.9 37.3

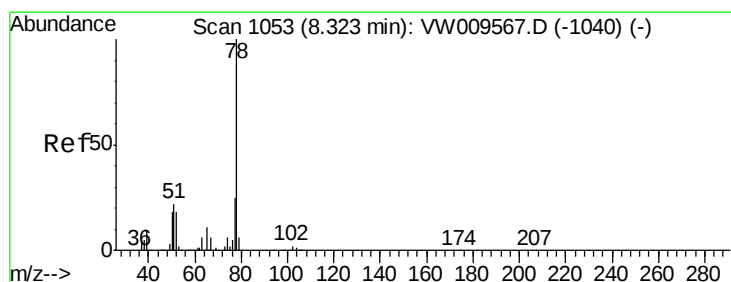
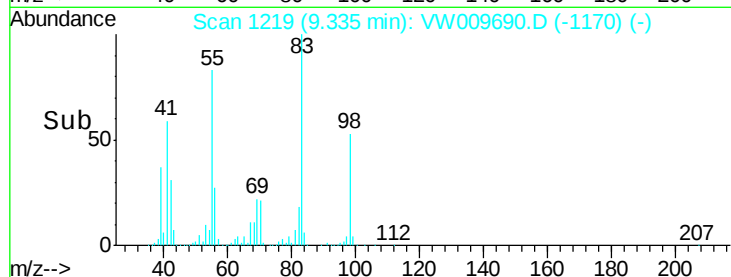
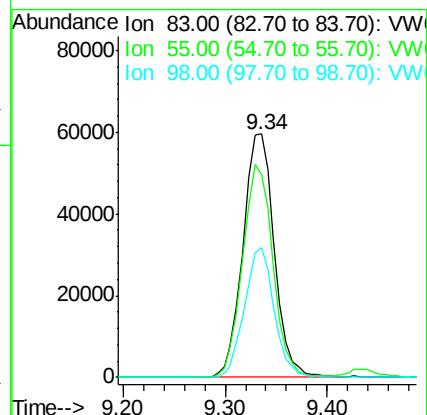
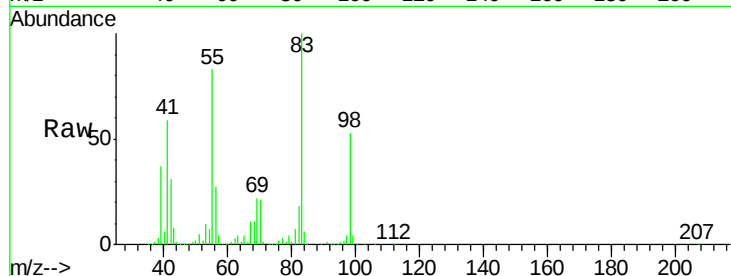




#39
Methylcyclohexane
Concen: 20.926 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

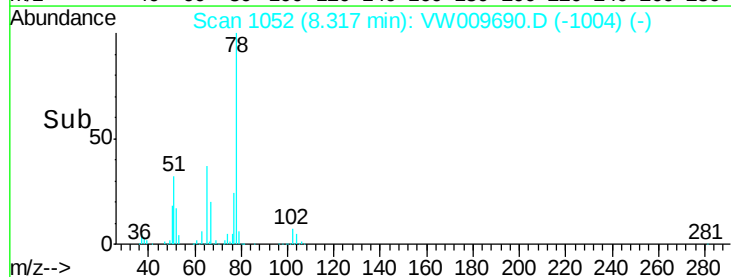
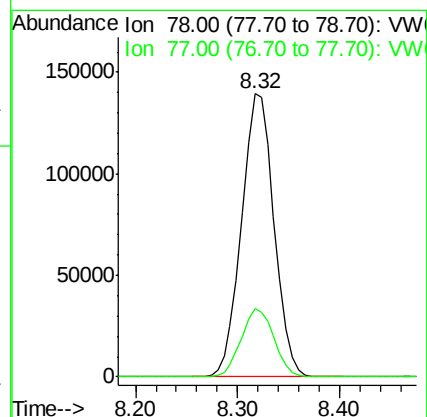
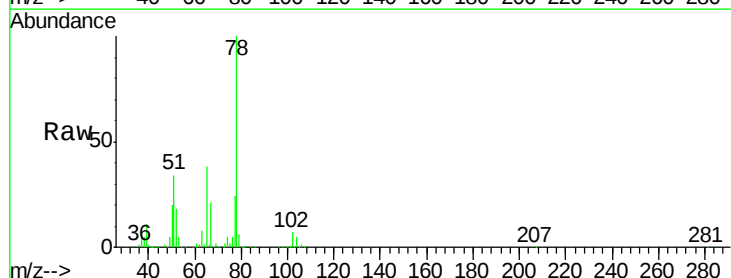
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

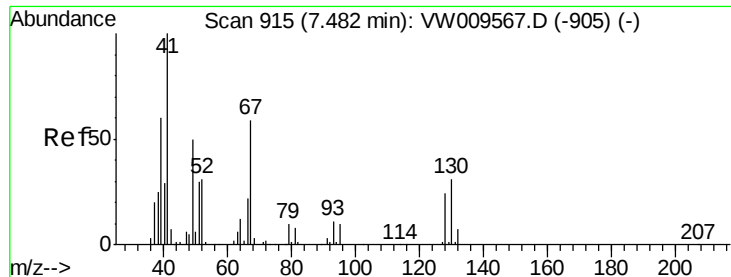
Tgt Ion: 83 Resp: 126880
Ion Ratio Lower Upper
83 100
55 83.0 61.1 91.7
98 53.0 39.0 58.4



#40
Benzene
Concen: 21.425 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 78 Resp: 308034
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.6

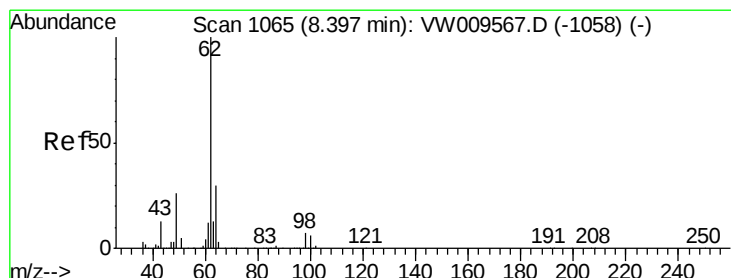
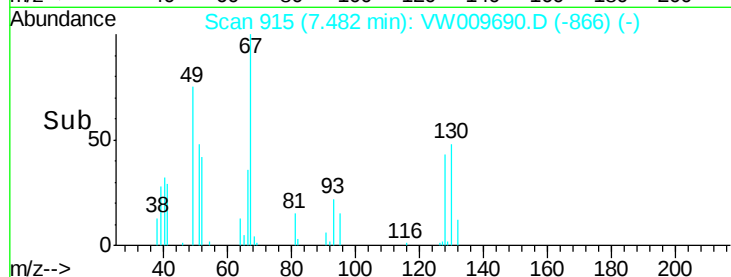
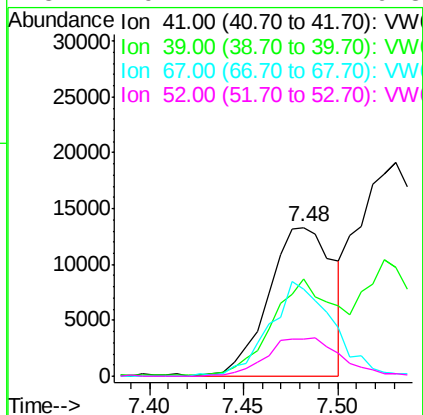
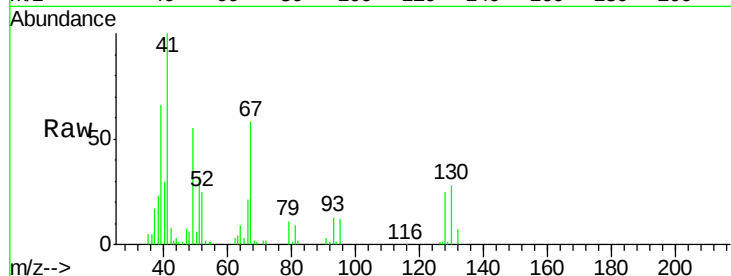




#41
Methacrylonitrile
Concen: 21.775 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

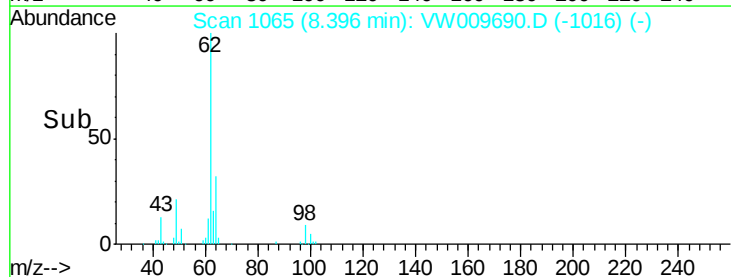
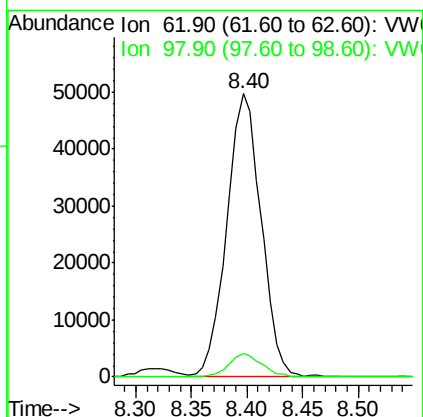
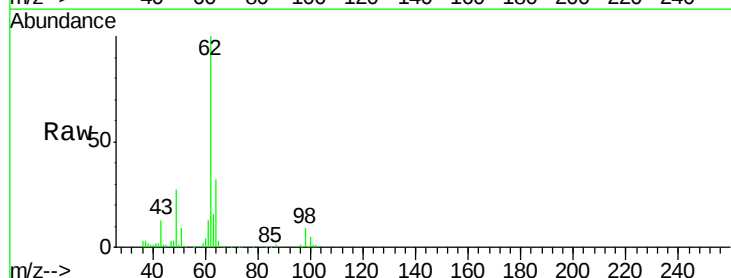
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

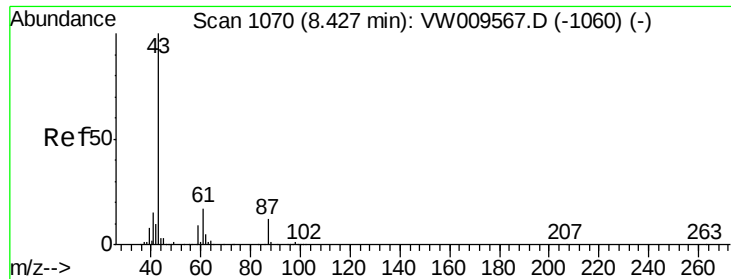
Tgt Ion:	41	Resp:	31815
Ion	Ratio	Lower	Upper
41	100		
39	65.2	52.5	78.7
67	62.5	56.6	84.8
52	29.7	27.2	40.8



#42
1,2-Dichloroethane
Concen: 21.735 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion:	62	Resp:	106533
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.4

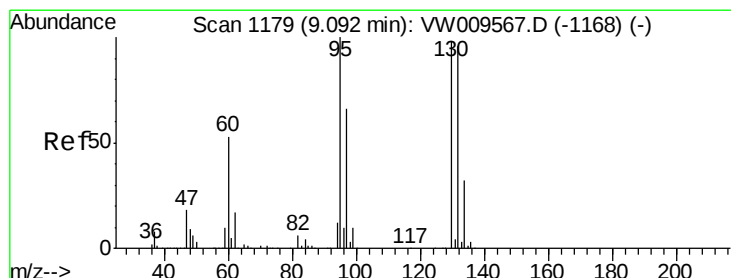
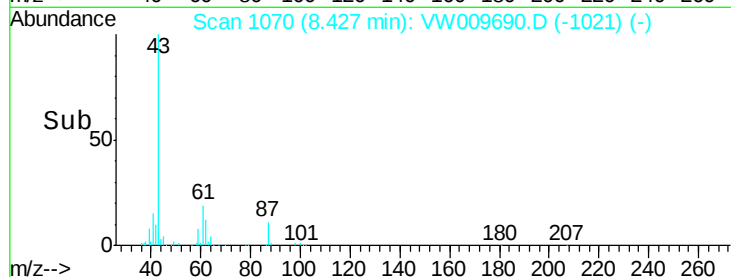
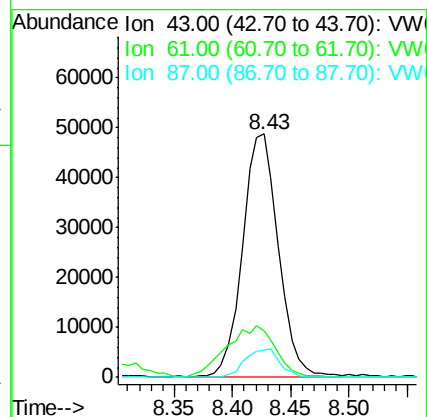
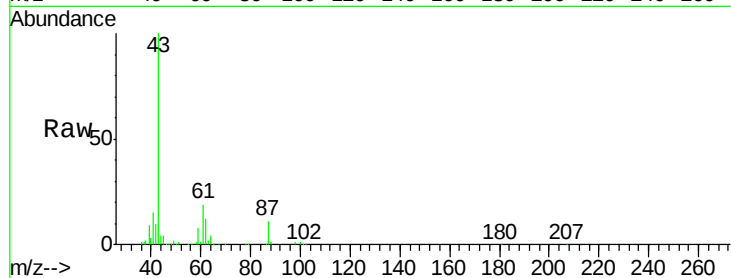




#43
Isopropyl Acetate
Concen: 21.292 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

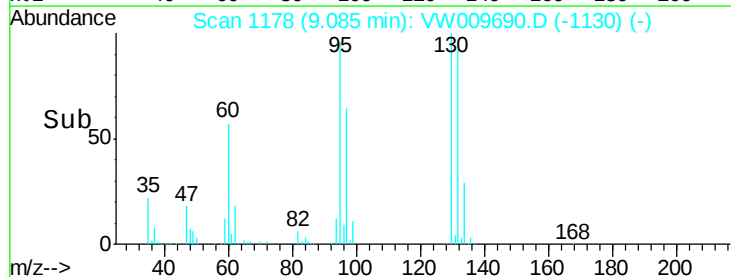
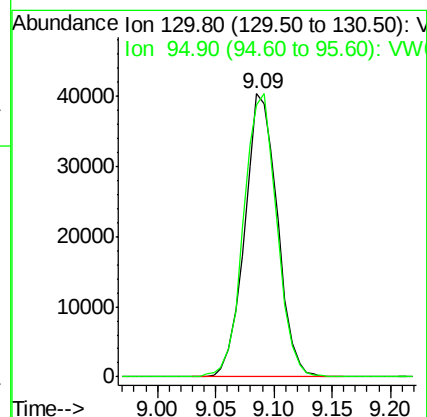
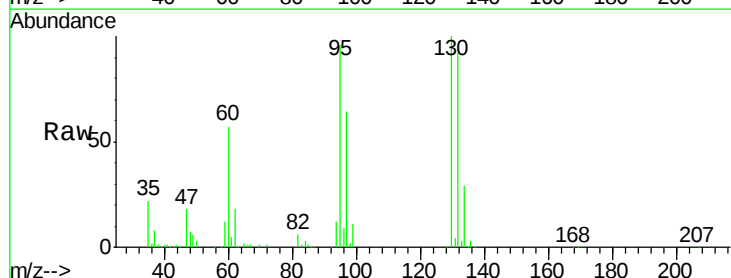
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

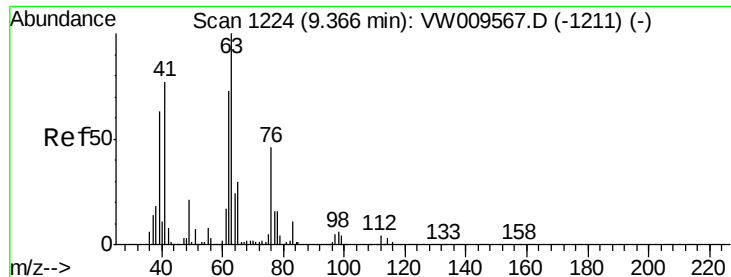
Tgt Ion: 43 Resp: 105228
Ion Ratio Lower Upper
43 100
61 28.8 22.2 33.2
87 11.5 9.6 14.4



#44
Trichloroethene
Concen: 21.142 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 130 Resp: 78695
Ion Ratio Lower Upper
130 100
95 96.1 0.0 192.6

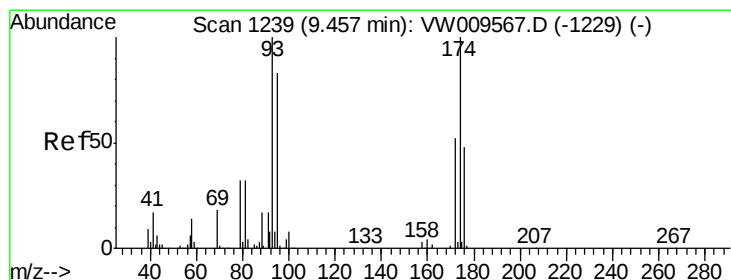
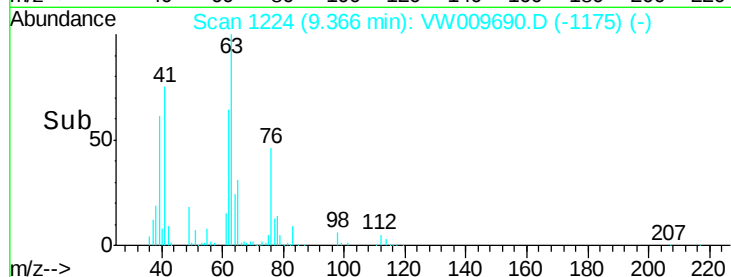
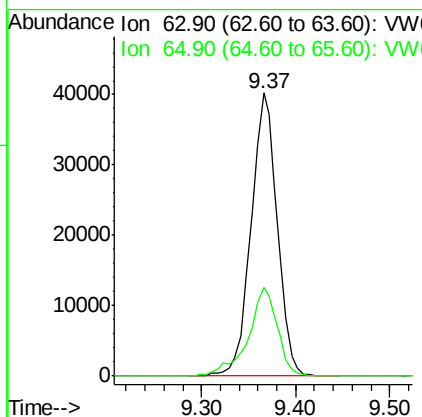
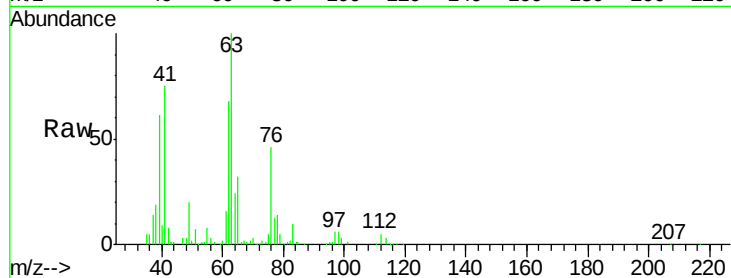




#45
 1,2-Dichloropropane
 Concen: 21.394 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

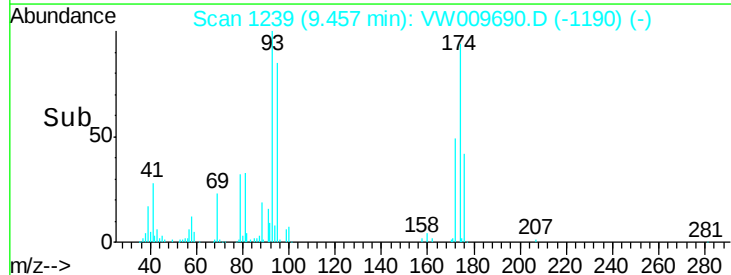
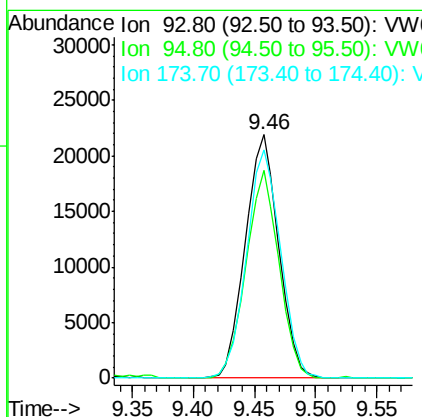
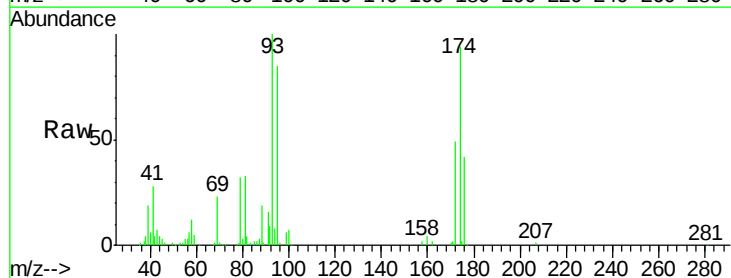
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

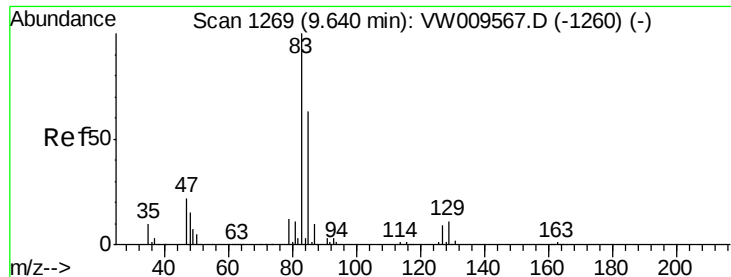
Tgt Ion: 63 Resp: 78731
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.8 38.8



#46
 Dibromomethane
 Concen: 20.878 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion: 93 Resp: 41622
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.9 100.3
 174 96.1 80.8 121.2

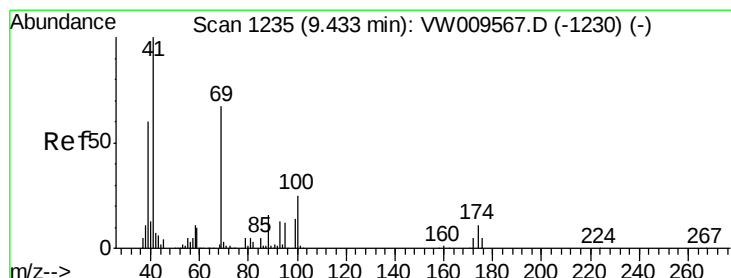
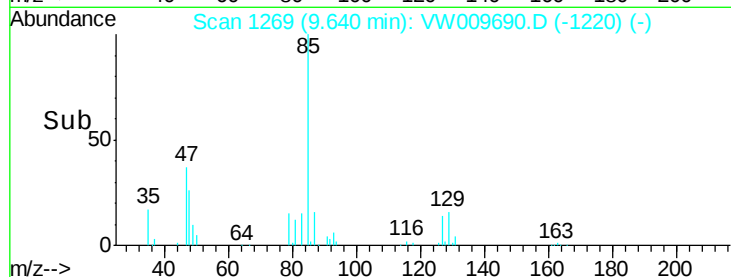
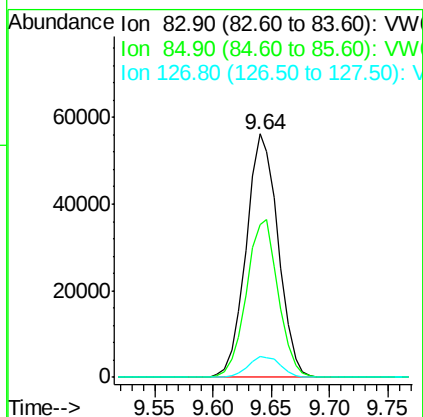
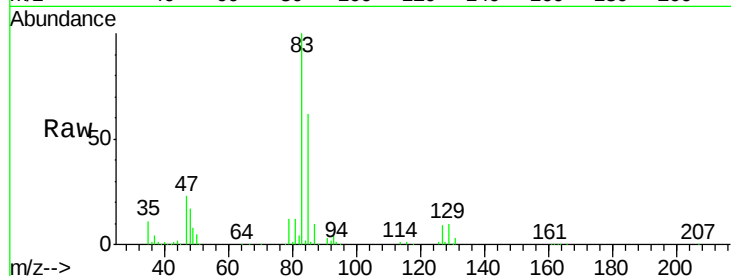




#47
 Bromodichloromethane
 Concen: 21.081 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

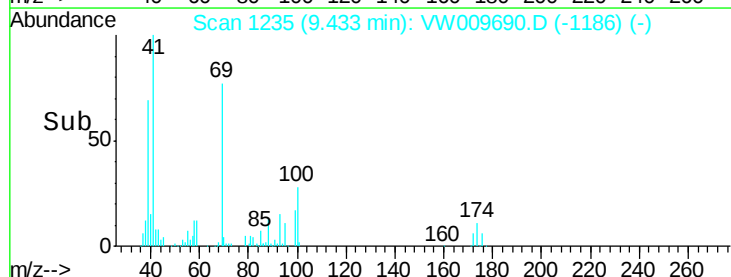
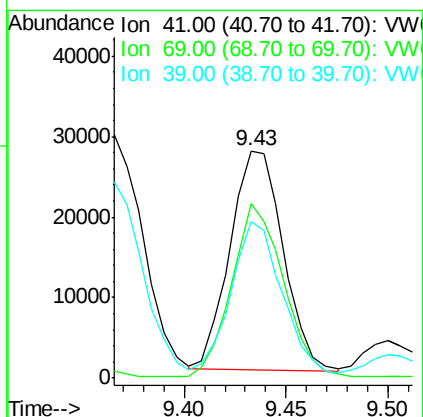
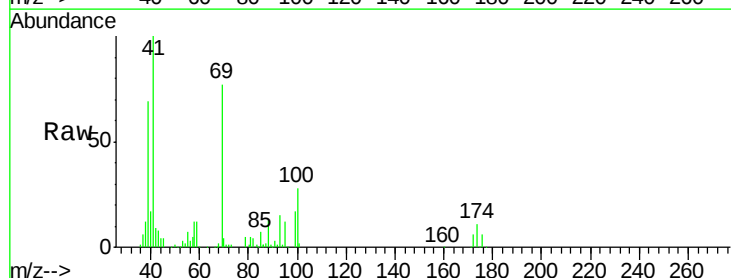
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

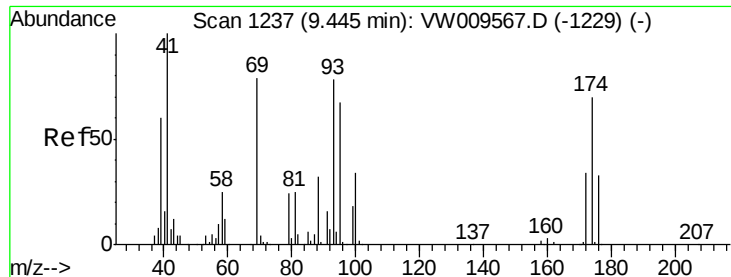
Tgt Ion: 83 Resp: 107204
 Ion Ratio Lower Upper
 83 100
 85 62.5 52.6 79.0
 127 8.6 6.5 9.7



#48
 Methyl methacrylate
 Concen: 21.172 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion: 41 Resp: 49050
 Ion Ratio Lower Upper
 41 100
 69 80.1 63.0 94.6
 39 65.7 57.2 85.8

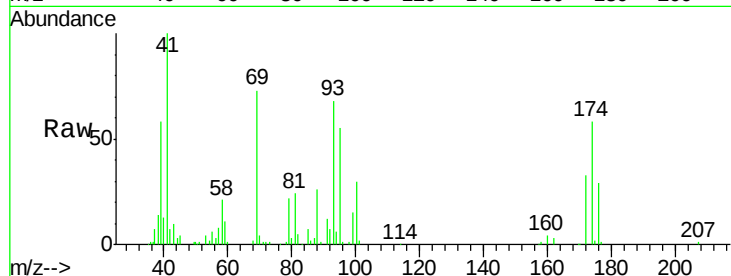




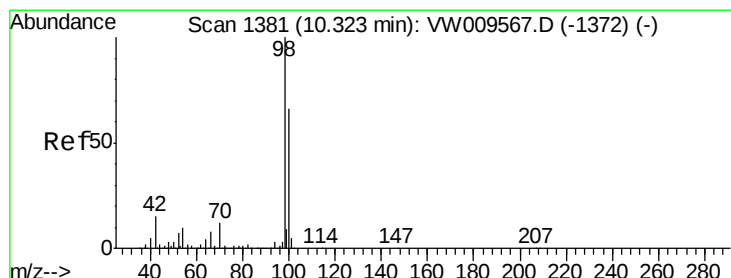
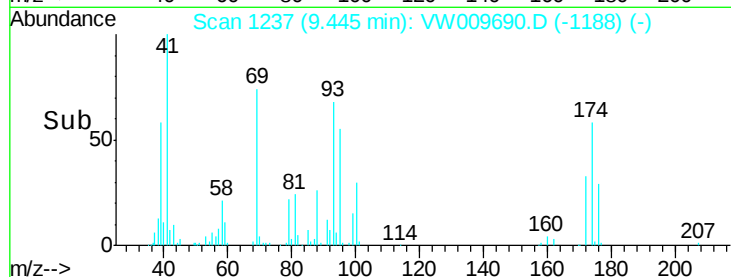
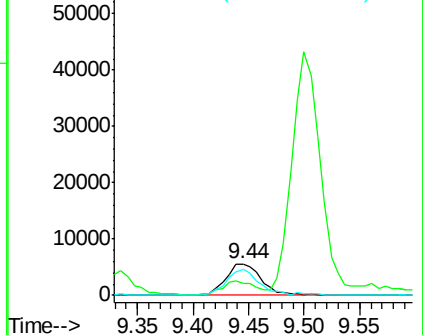
#49
1,4-Dioxane
Concen: 416.293 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

Tgt Ion: 88 Resp: 12359
Ion Ratio Lower Upper
88 100
43 42.5 29.7 44.5
58 75.9 58.1 87.1

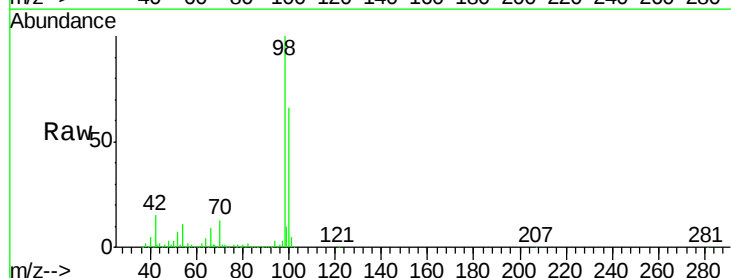


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

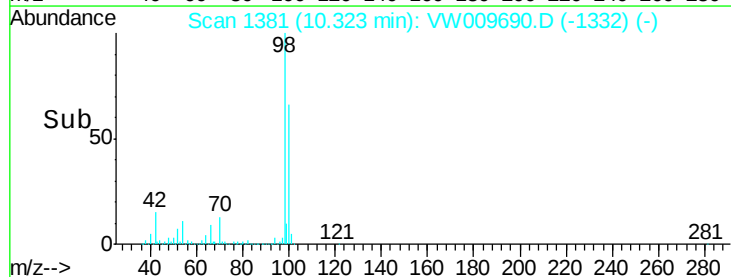
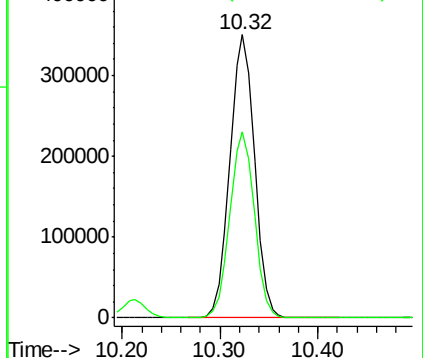


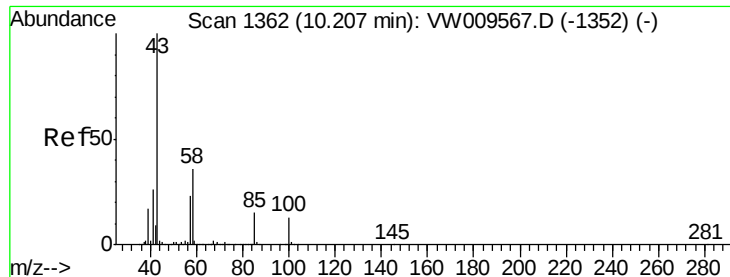
#50
Toluene-d8
Concen: 51.524 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 98 Resp: 613822
Ion Ratio Lower Upper
98 100
100 65.2 52.6 79.0



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: 105.330 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

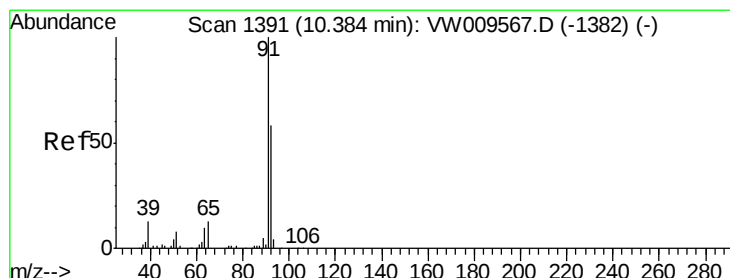
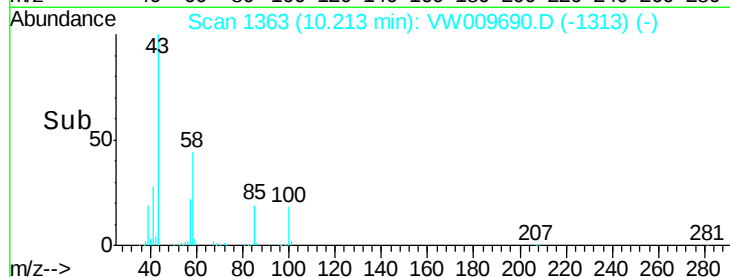
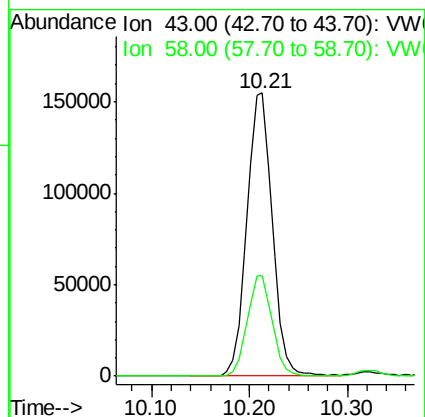
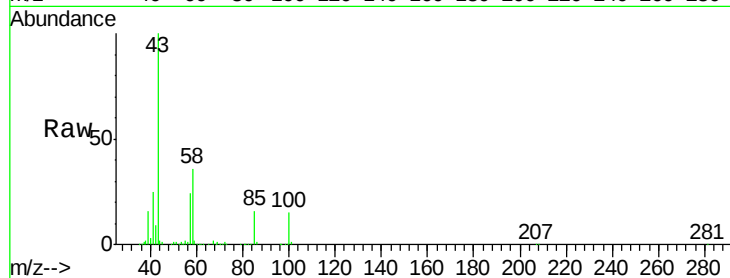
VW0404SBSD01

Tgt Ion: 43 Resp: 278518

Ion Ratio Lower Upper

43 100

58 34.8 28.6 42.8



#52

Toluene

Concen: 21.646 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009690.D

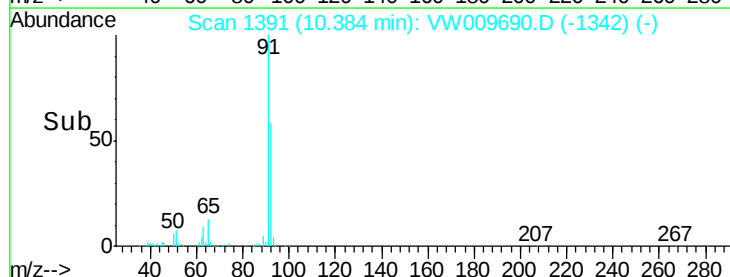
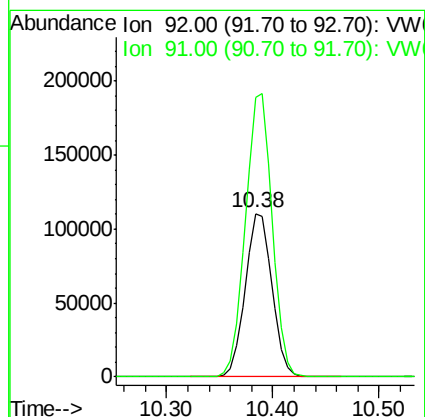
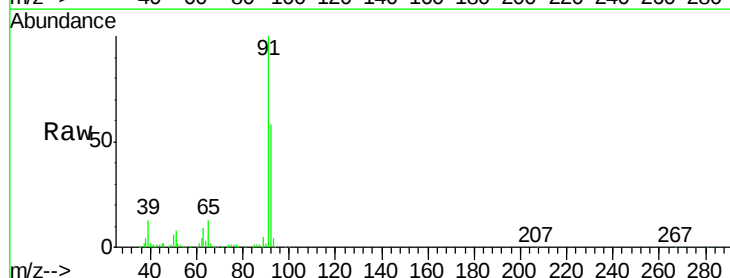
Acq: 04 Apr 2019 12:22

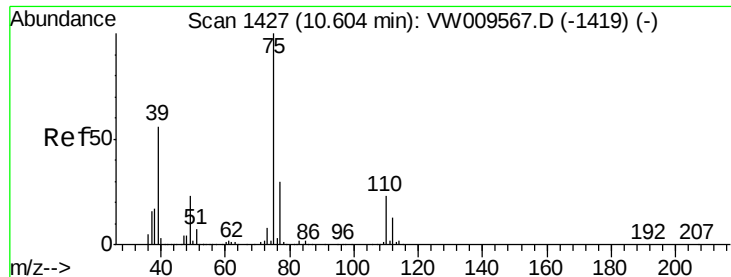
Tgt Ion: 92 Resp: 194897

Ion Ratio Lower Upper

92 100

91 173.7 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 21.161 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

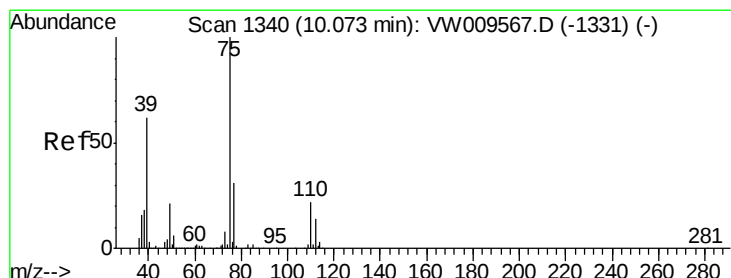
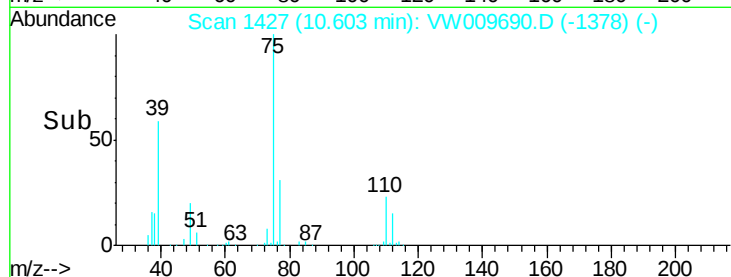
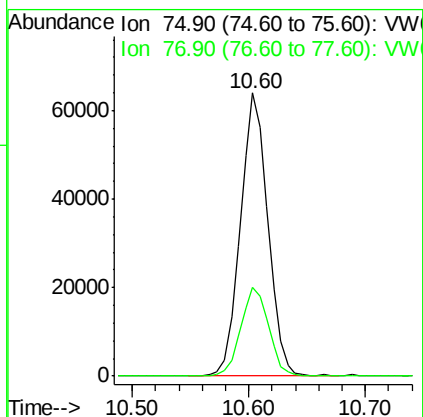
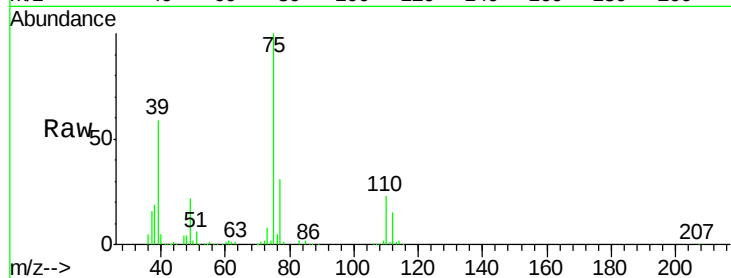
VW0404SBSD01

Tgt Ion: 75 Resp: 105366

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 21.568 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

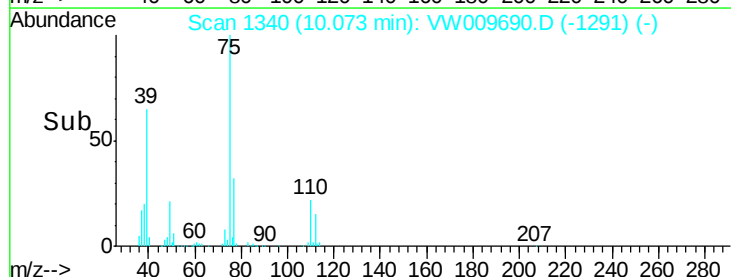
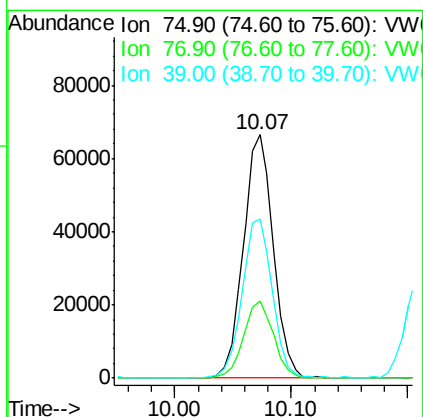
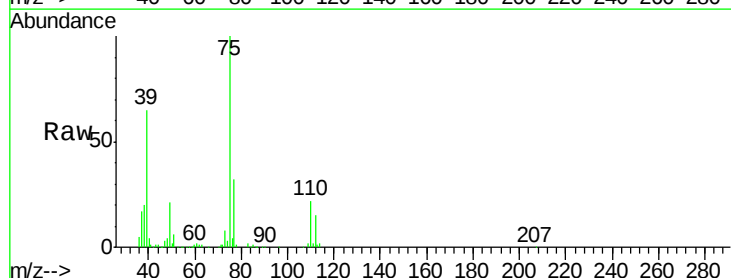
Tgt Ion: 75 Resp: 119075

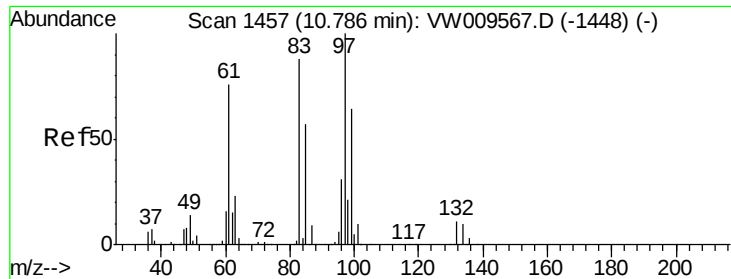
Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9

39 65.3 46.8 70.2

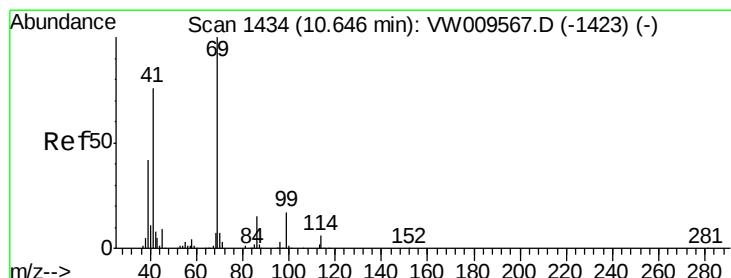
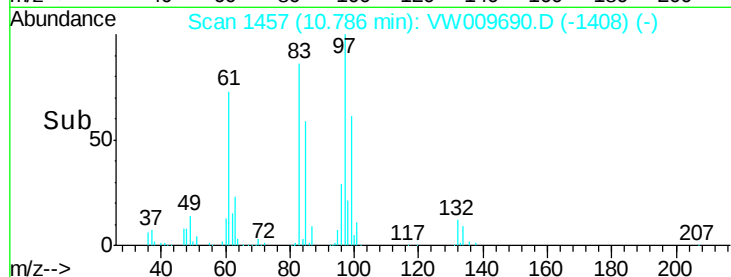
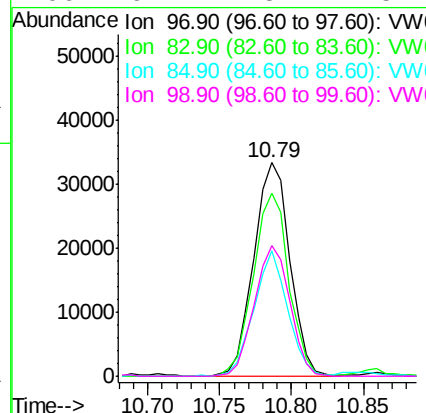
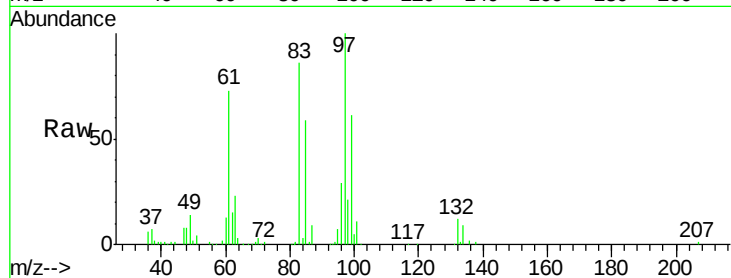




#55
 1,1,2-Trichloroethane
 Concen: 21.458 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

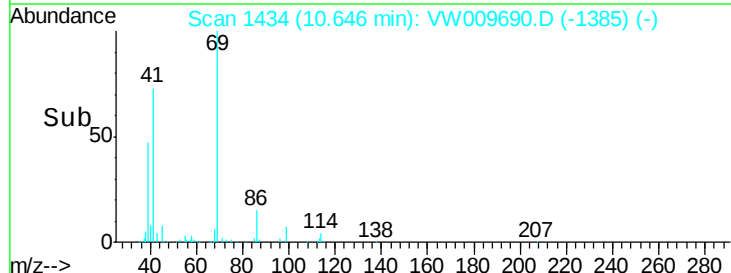
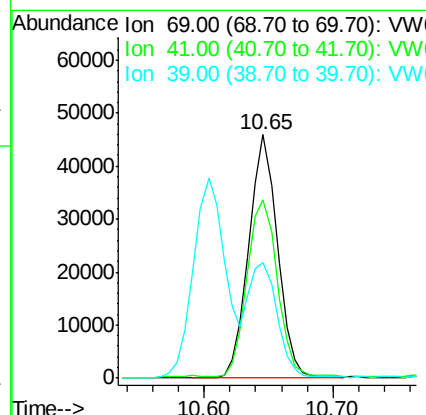
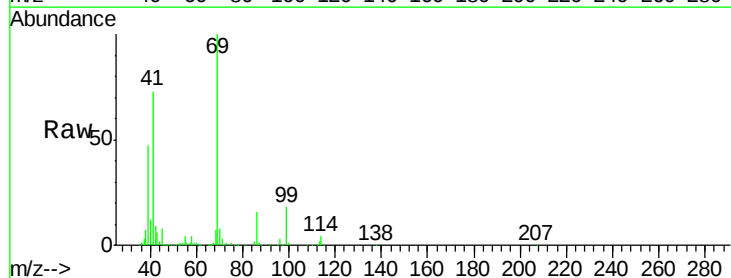
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

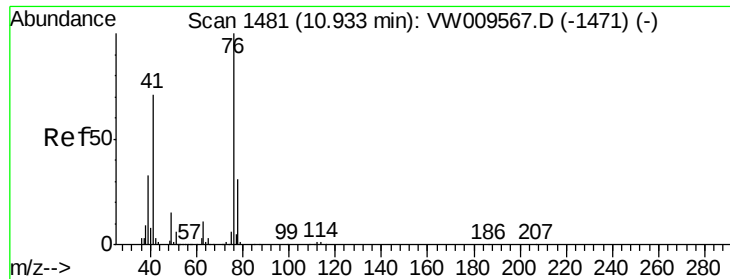
Tgt Ion:	97	Resp:	57822
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.3	99.5
85	58.8	41.4	62.2
99	61.1	48.7	73.1



#56
 Ethyl methacrylate
 Concen: 21.351 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion:	69	Resp:	70897
Ion	Ratio	Lower	Upper
69	100		
41	76.2	59.3	88.9
39	48.0	36.2	54.2

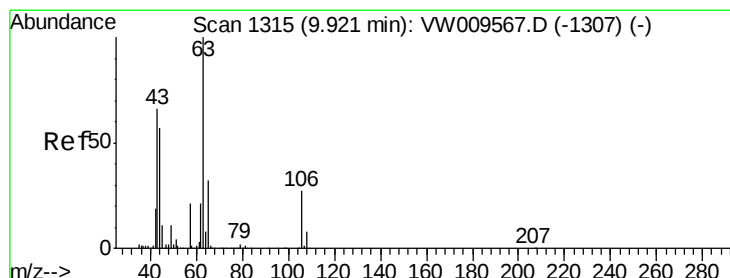
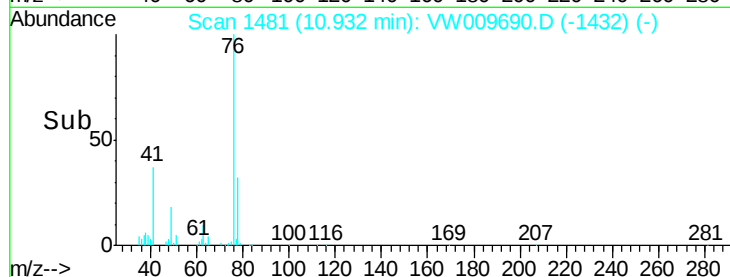
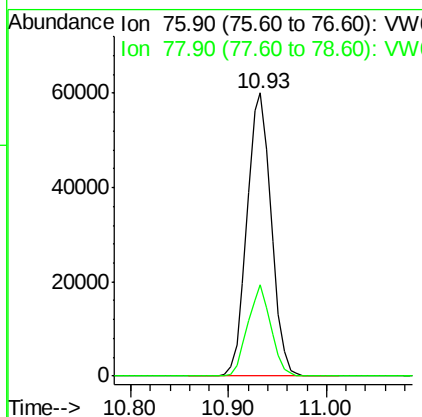
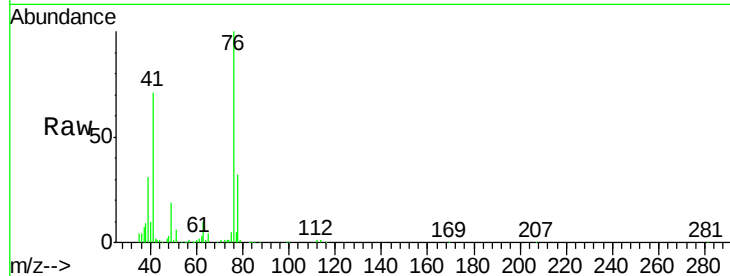




#57
 1,3-Dichloropropane
 Concen: 21.579 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

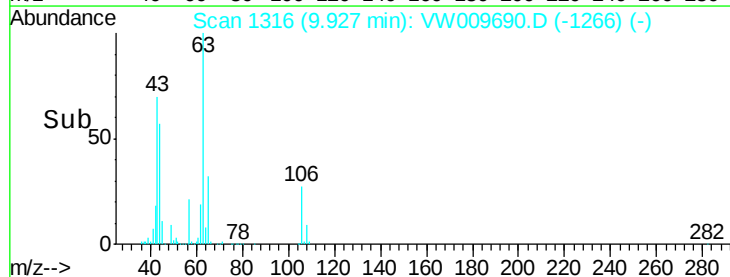
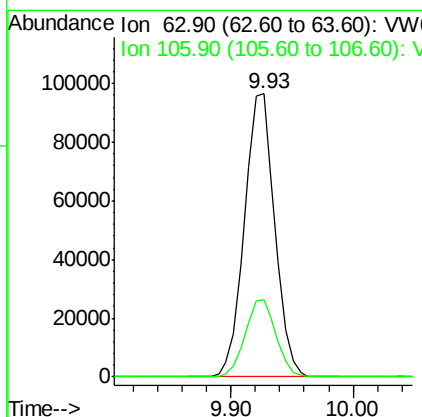
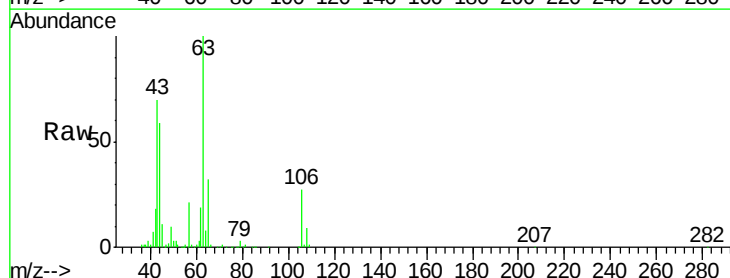
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

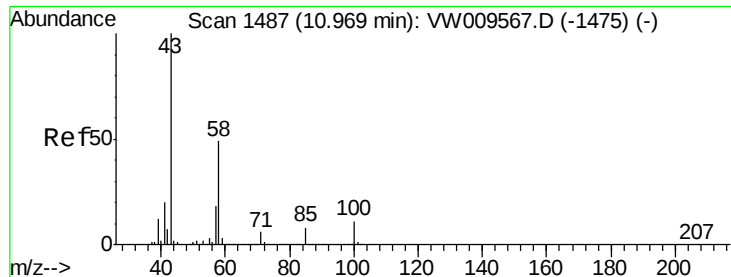
Tgt Ion: 76 Resp: 103075
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.284 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion: 63 Resp: 166466
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.9 34.3

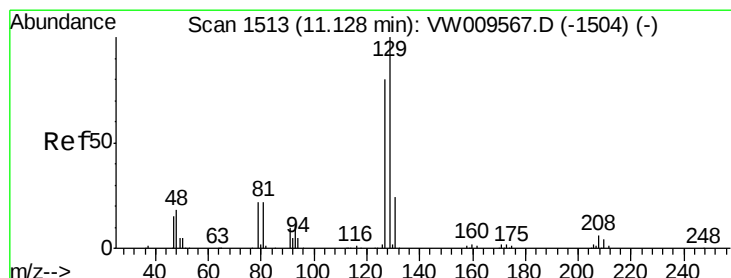
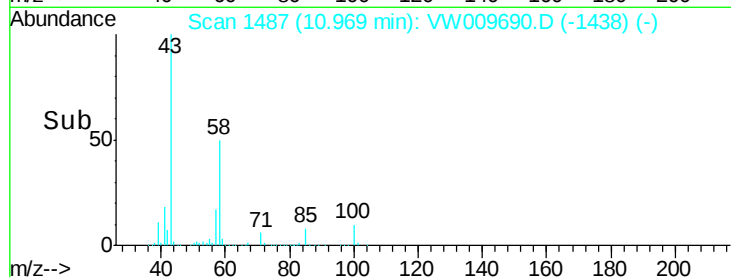
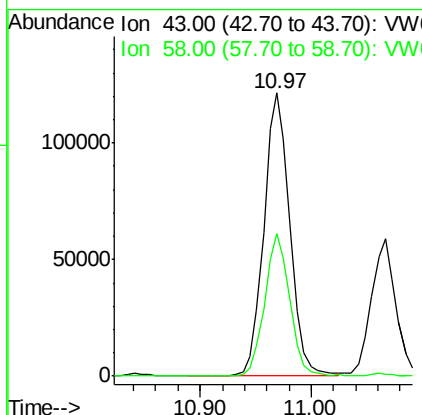
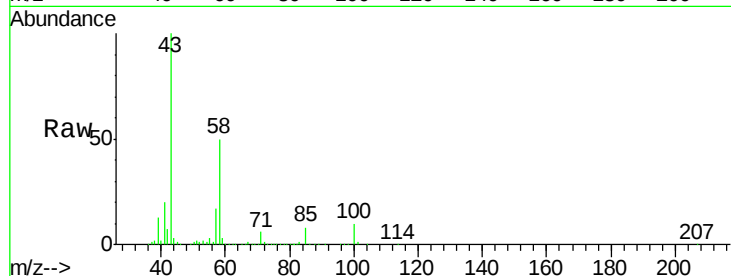




#59
2-Hexanone
Concen: 107.527 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

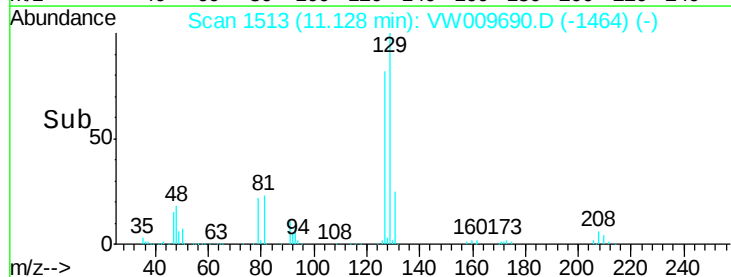
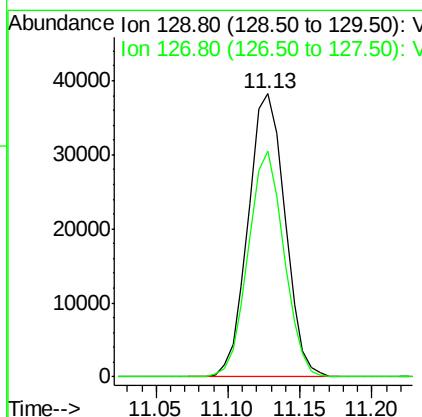
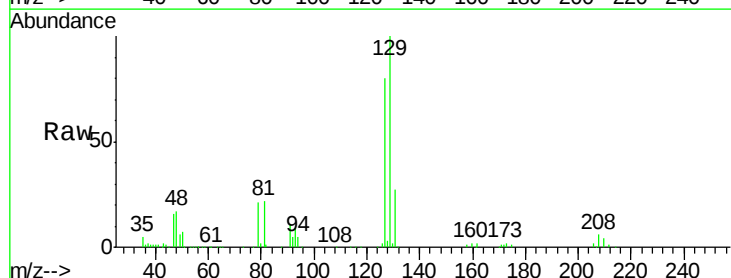
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

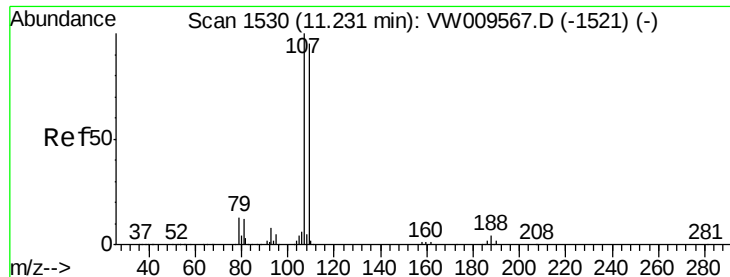
Tgt Ion: 43 Resp: 196775
Ion Ratio Lower Upper
43 100
58 48.6 24.2 72.6



#60
Dibromochloromethane
Concen: 20.797 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 129 Resp: 67670
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5

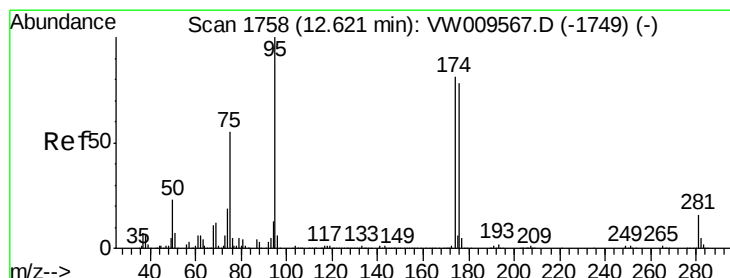
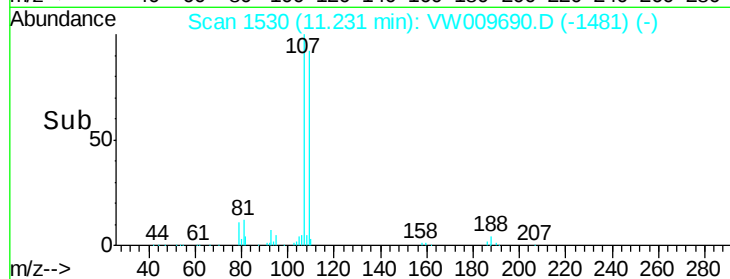
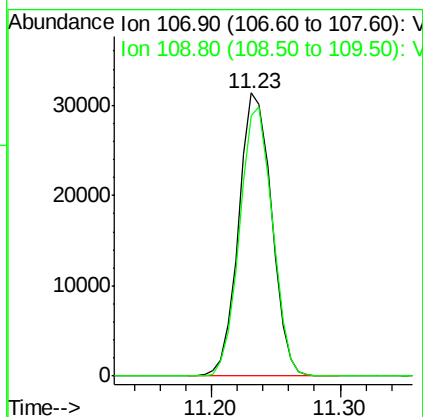
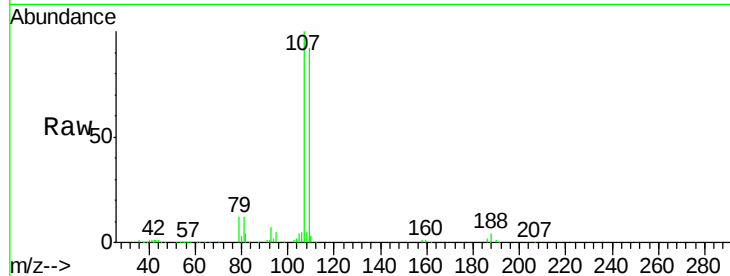




#61
 1,2-Dibromoethane
 Concen: 21.494 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

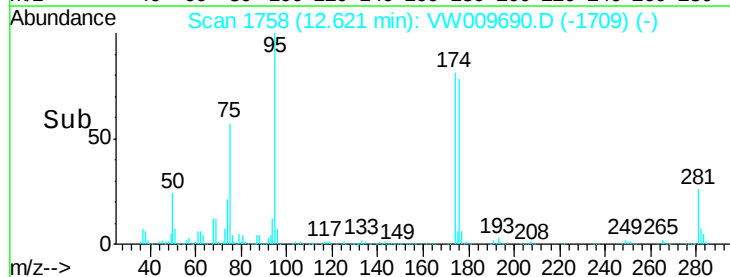
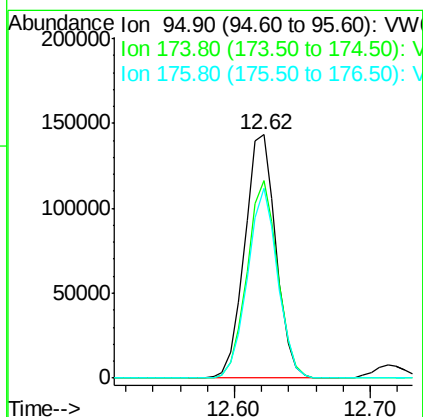
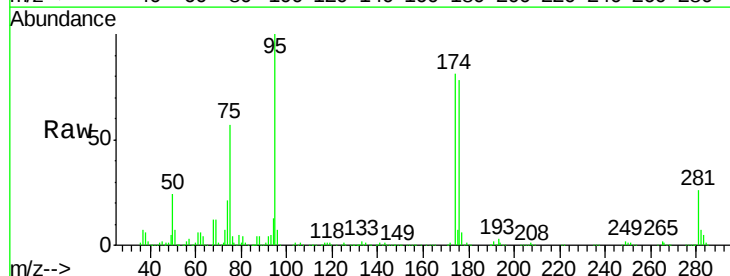
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

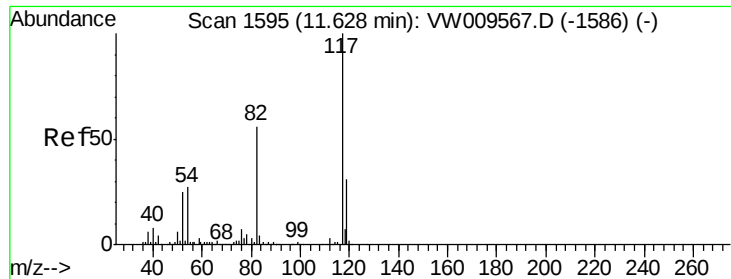
Tgt Ion: 107 Resp: 55541
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 51.925 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion: 95 Resp: 230771
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 168.4
 176 75.3 0.0 161.6

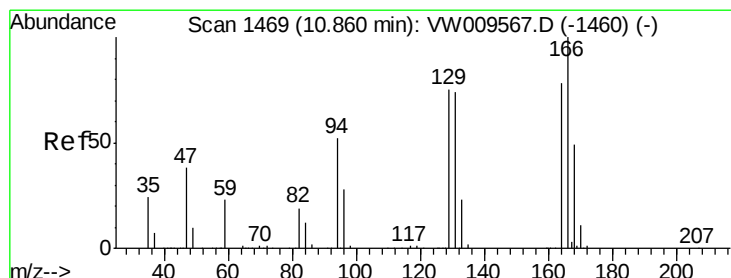
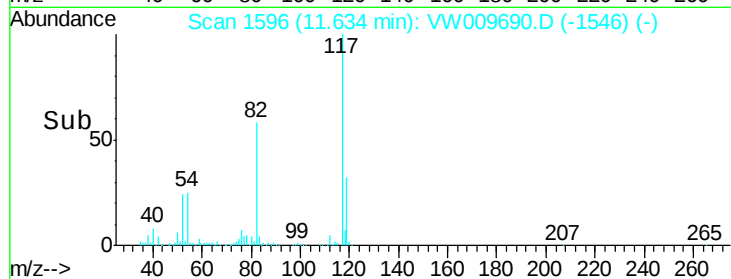
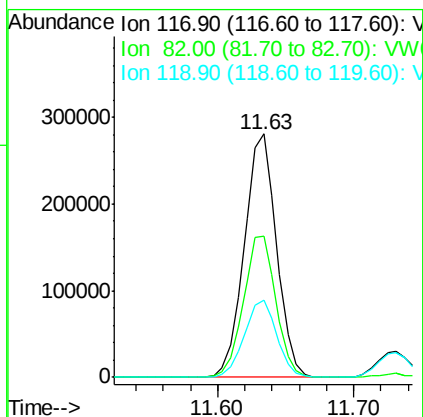
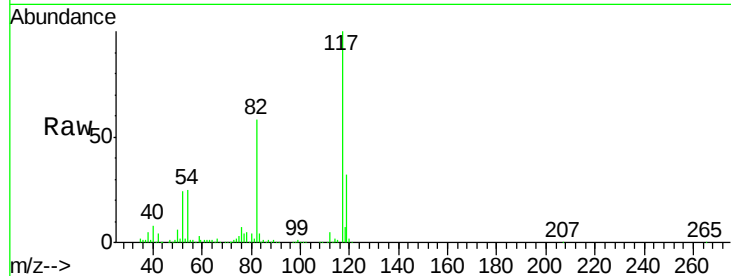




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

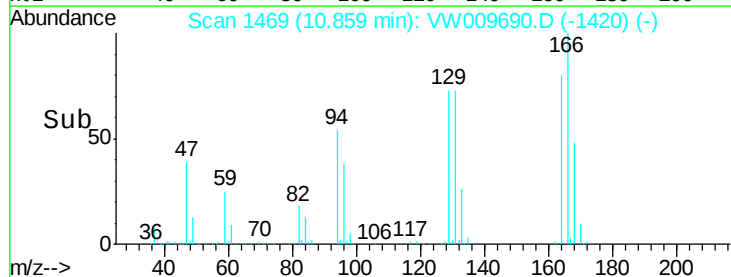
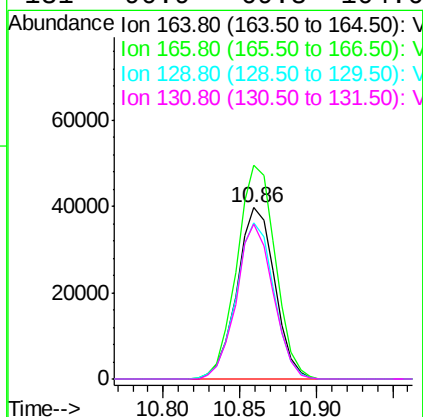
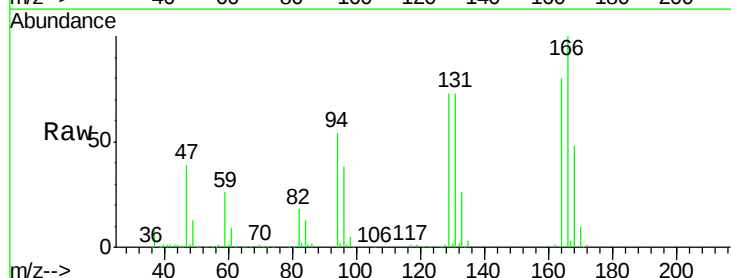
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

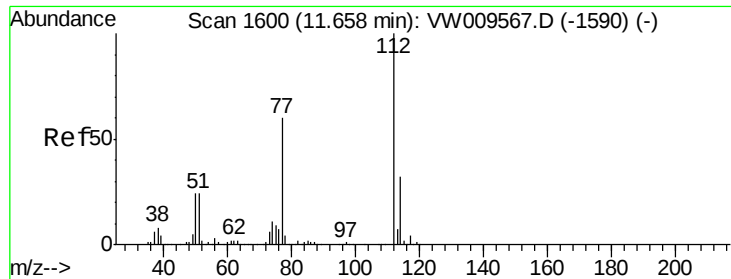
Tgt Ion:117 Resp: 464592
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 31.6 26.0 39.0



#64
Tetrachloroethene
Concen: 21.566 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion:164 Resp: 68029
Ion Ratio Lower Upper
164 100
166 124.9 100.9 151.3
129 91.6 72.0 108.0
131 90.9 69.8 104.6

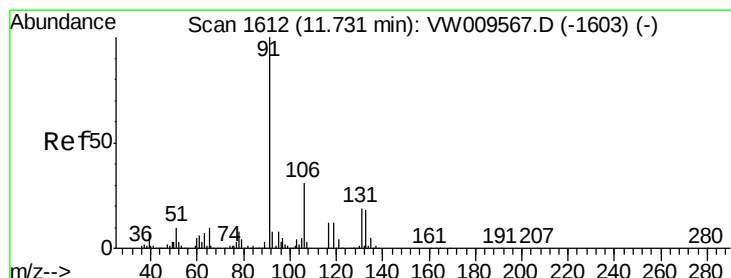
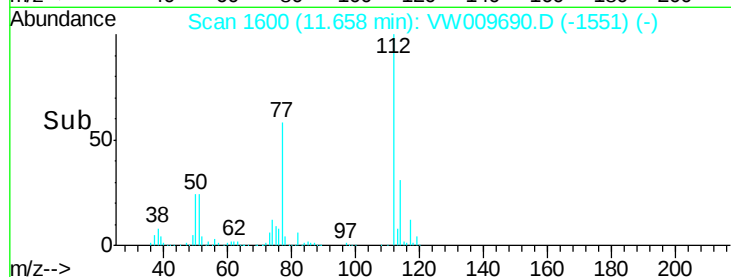
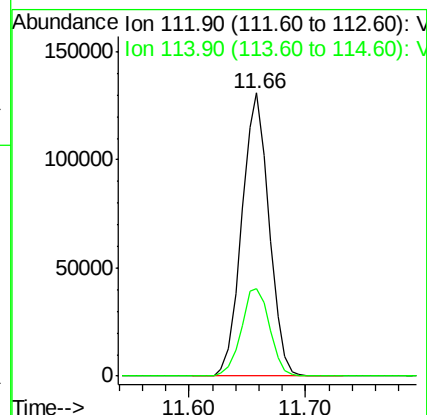
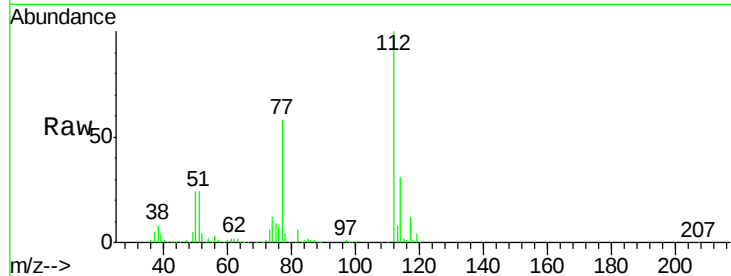




#65
Chlorobenzene
Concen: 21.774 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

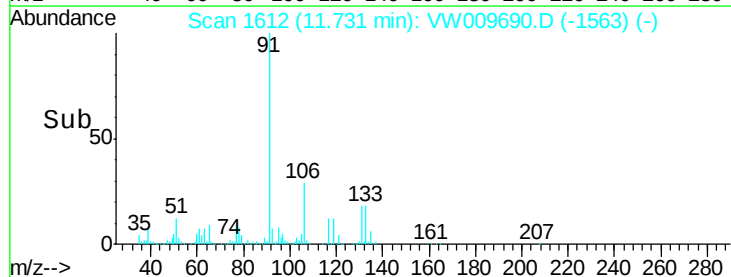
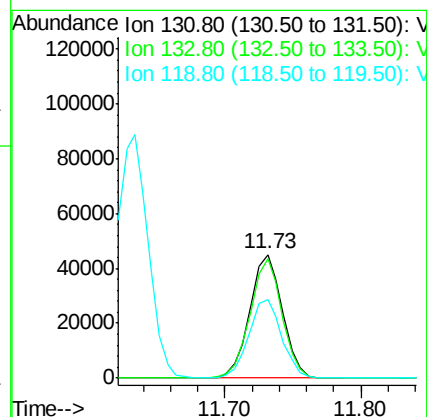
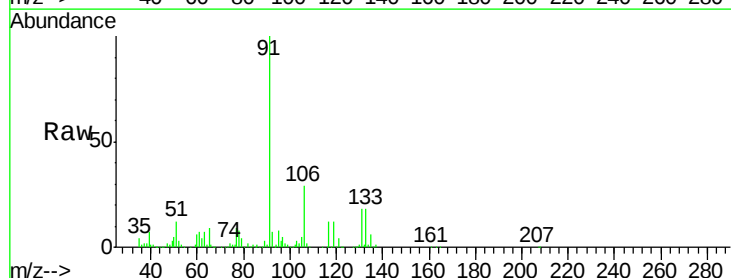
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

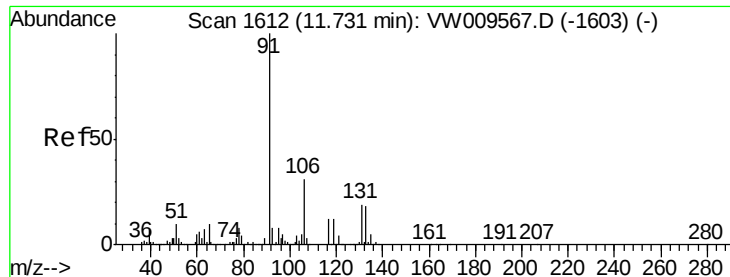
Tgt Ion:112 Resp: 213057
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.134 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion:131 Resp: 75347
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 64.3 31.6 95.0

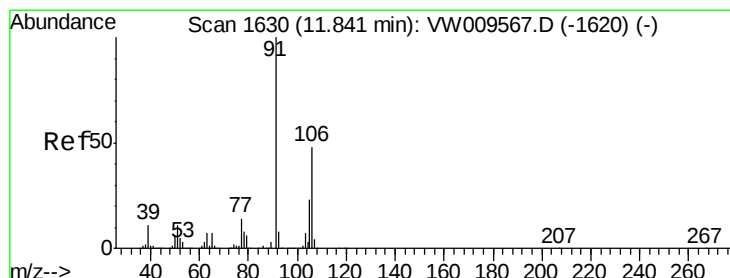
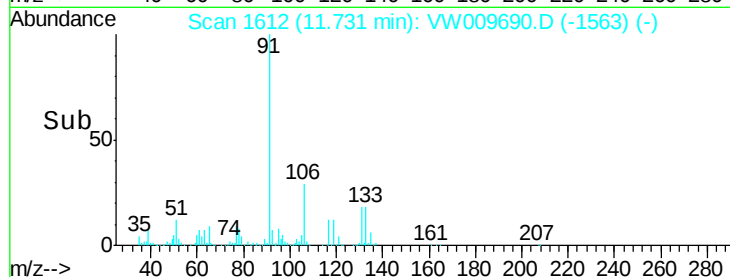
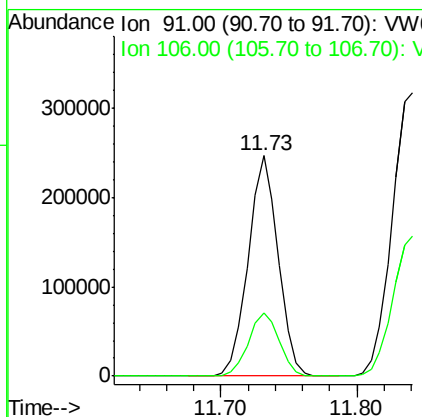
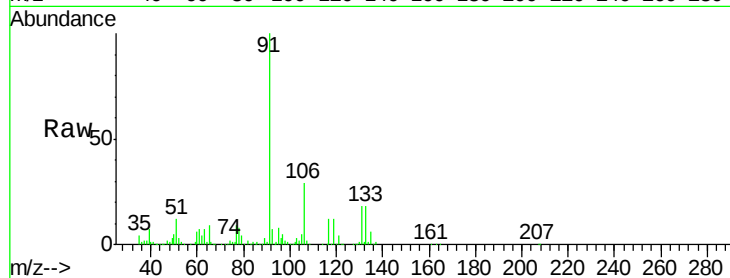




#67
Ethyl Benzene
Concen: 22.109 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

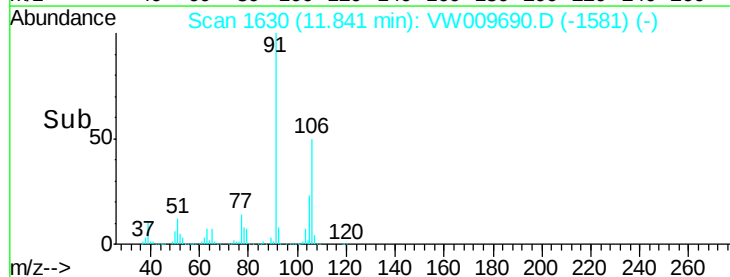
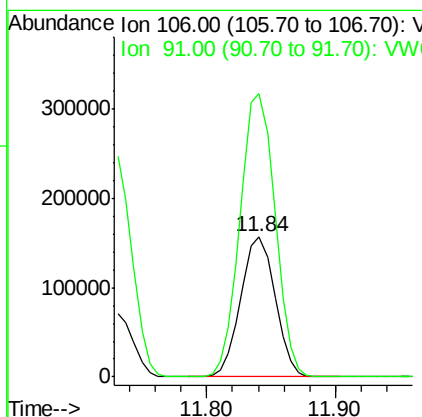
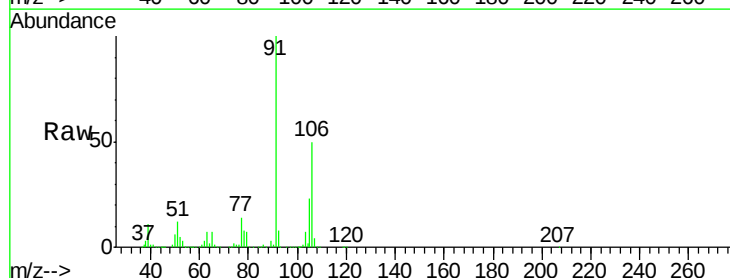
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

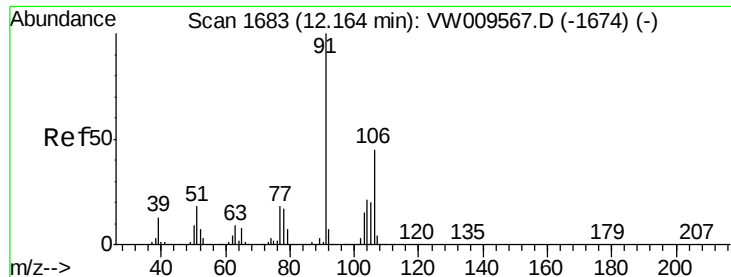
Tgt Ion: 91 Resp: 381144
Ion Ratio Lower Upper
91 100
106 28.6 24.6 36.8



#68
m/p-Xylenes
Concen: 44.406 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 106 Resp: 290673
Ion Ratio Lower Upper
106 100
91 206.1 163.1 244.7

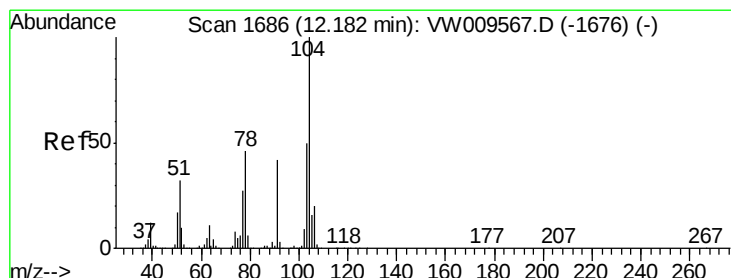
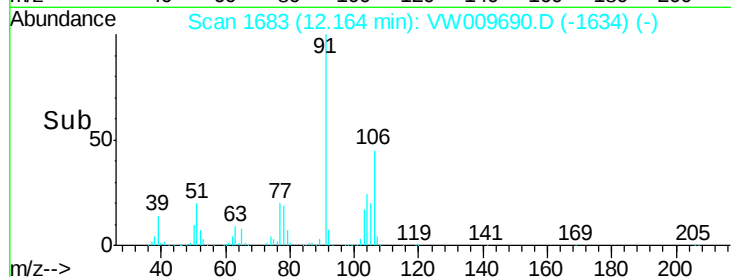
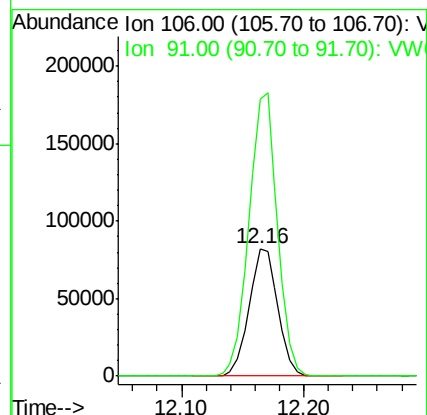
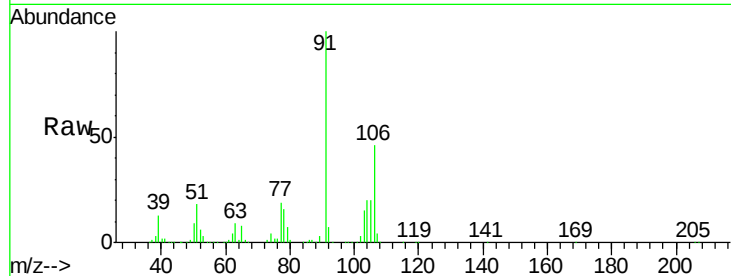




#69
o-Xylene
Concen: 21.935 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

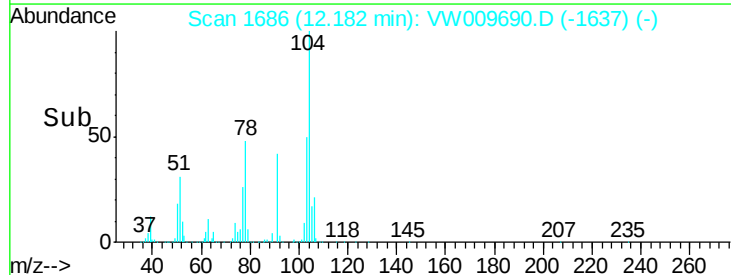
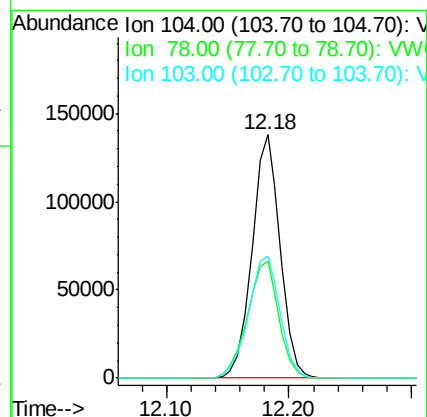
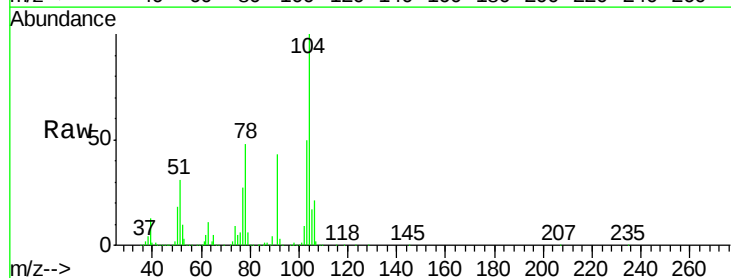
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

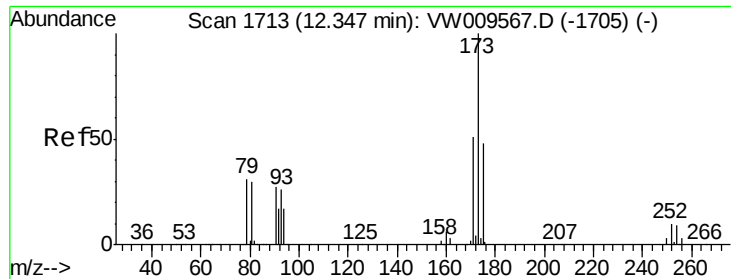
Tgt Ion:106 Resp: 133715
Ion Ratio Lower Upper
106 100
91 220.8 108.6 325.8



#70
Styrene
Concen: 21.525 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion:104 Resp: 219168
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 56.6 44.6 66.8





#71

Bromoform

Concen: 20.676 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBSD01

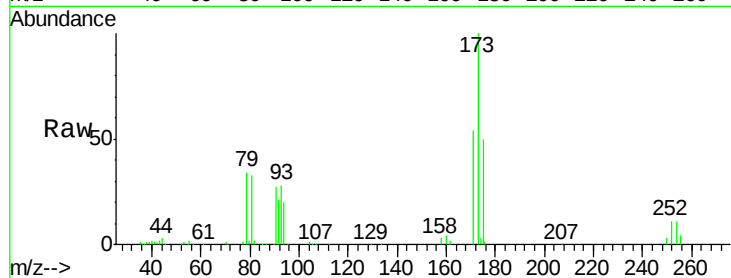
Tgt Ion:173 Resp: 39670

Ion Ratio Lower Upper

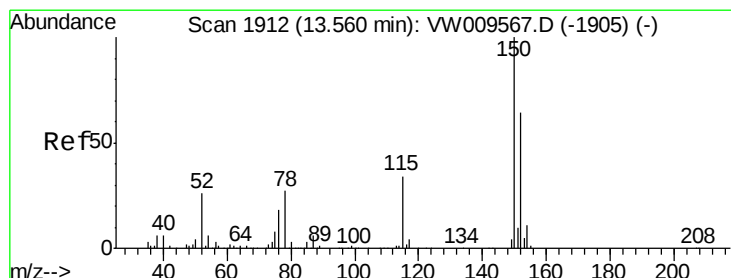
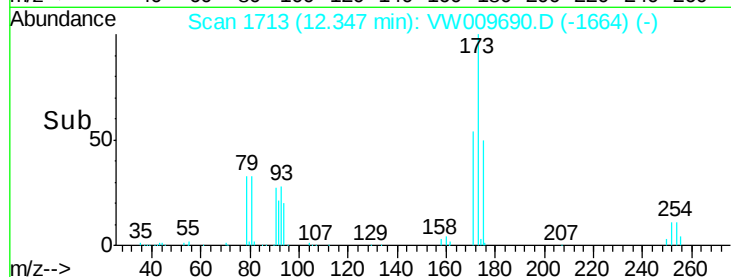
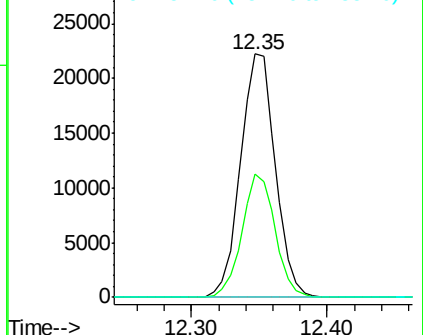
173 100

175 48.1 24.1 72.4

254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

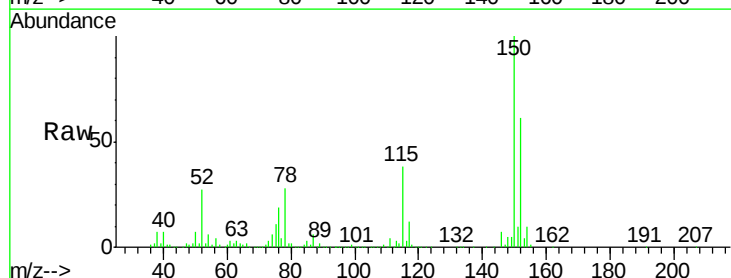
Tgt Ion:152 Resp: 245753

Ion Ratio Lower Upper

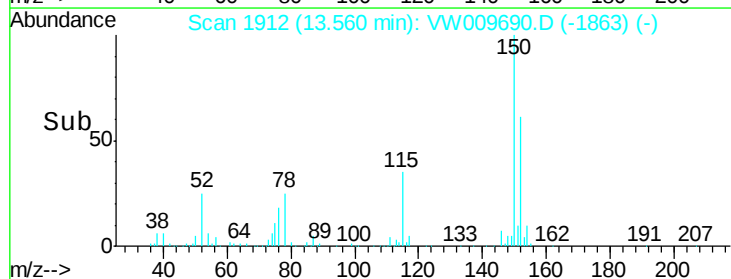
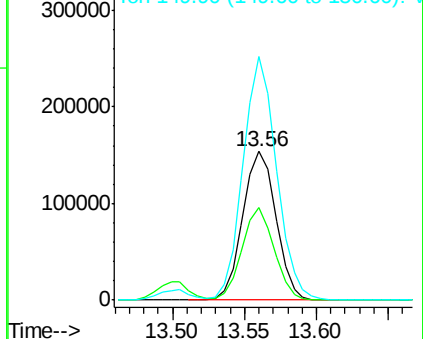
152 100

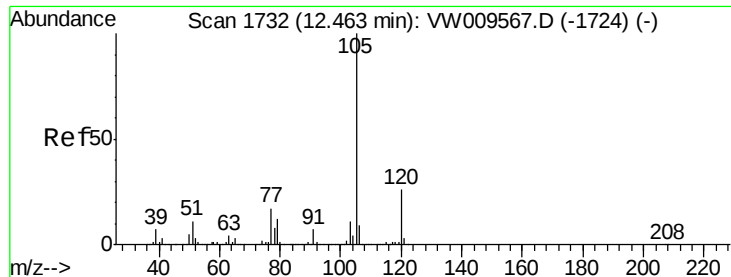
115 60.3 29.6 88.8

150 164.8 0.0 349.2



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: 22.414 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

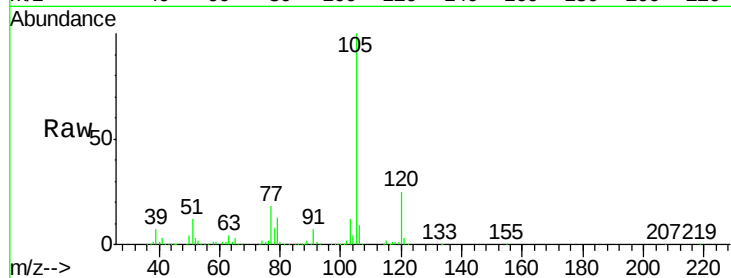
VW0404SBSD01

Tgt Ion:105 Resp: 383331

Ion Ratio Lower Upper

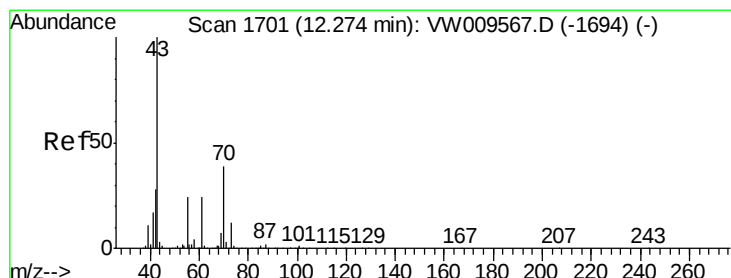
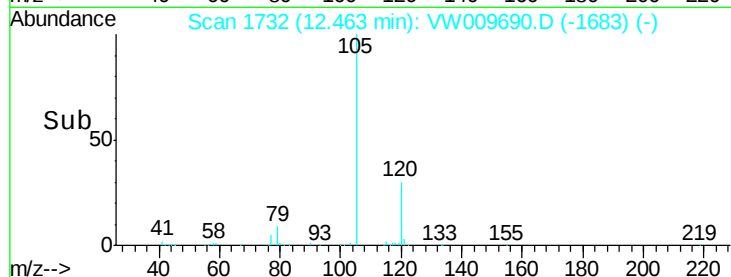
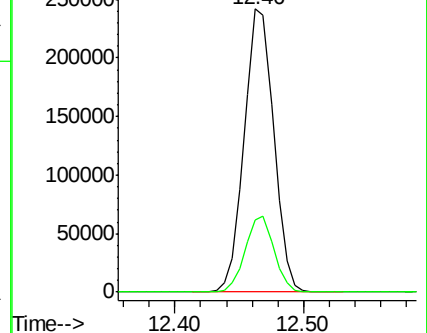
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.226 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Tgt Ion: 43 Resp: 100208

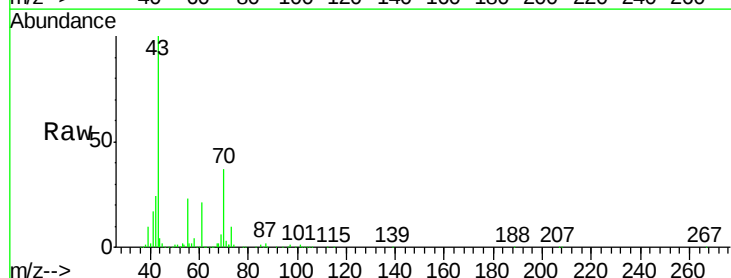
Ion Ratio Lower Upper

43 100

70 38.5 30.6 46.0

55 24.6 19.3 28.9

61 21.5 17.0 25.4

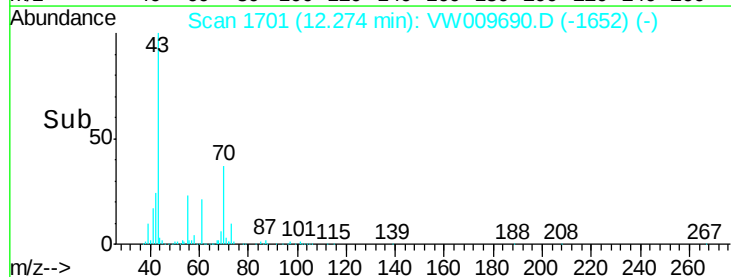
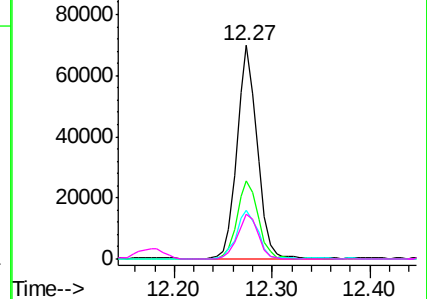


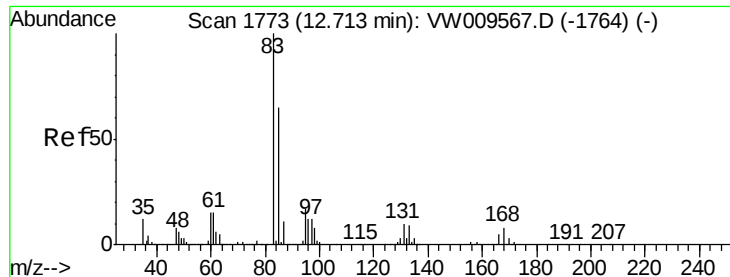
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.136 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBSD01

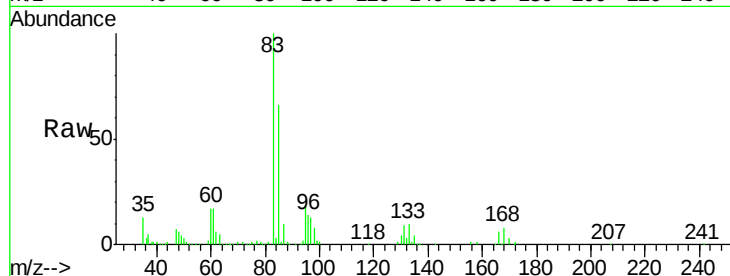
Tgt Ion: 83 Resp: 68361

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

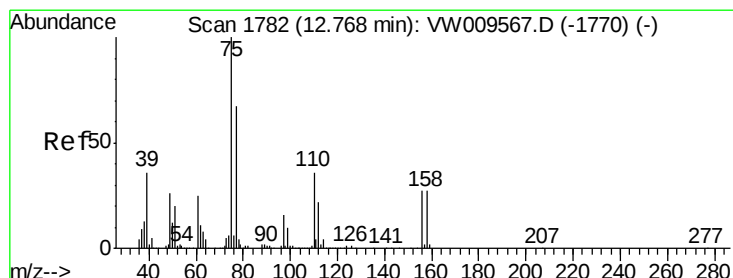
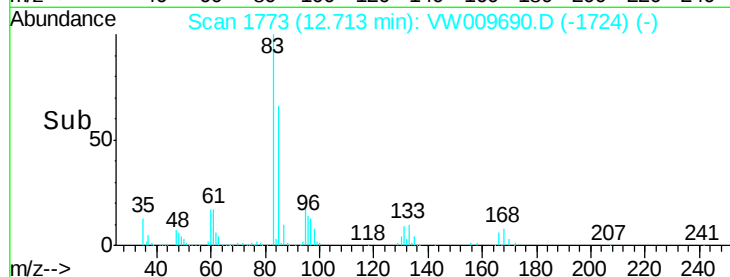
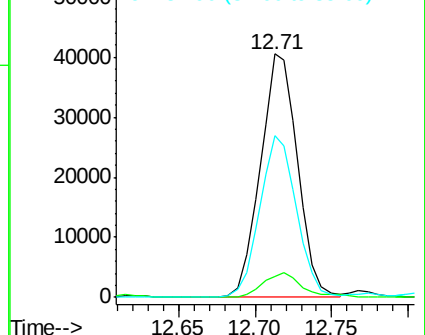
85 65.8 32.6 97.8



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: 40.042 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW009690.D

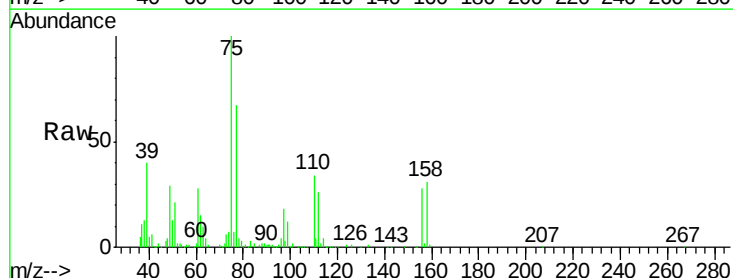
Acq: 04 Apr 2019 12:22

Tgt Ion: 75 Resp: 92539

Ion Ratio Lower Upper

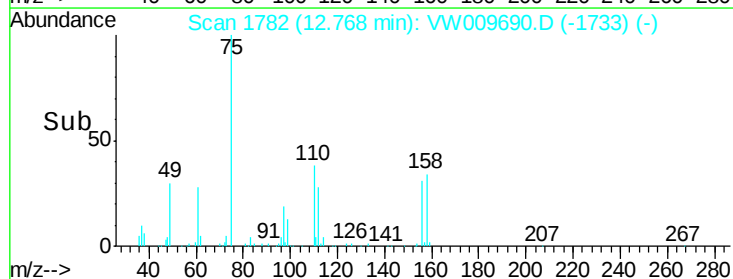
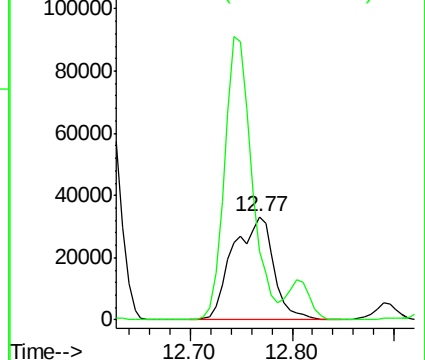
75 100

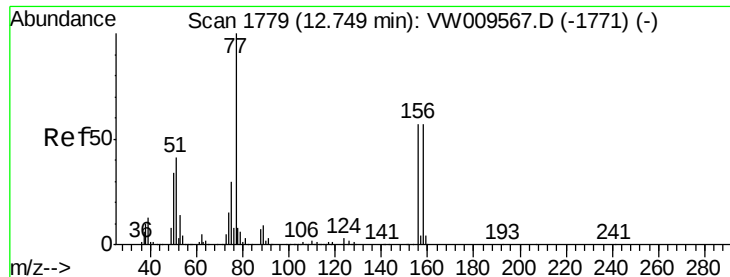
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

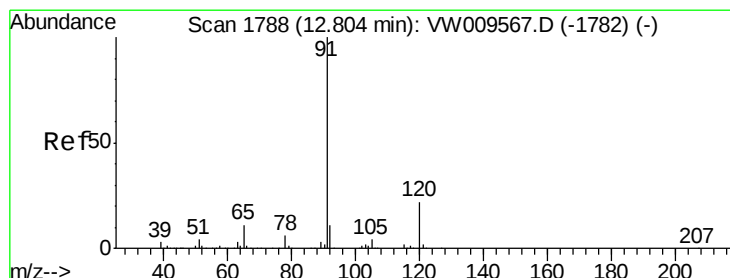
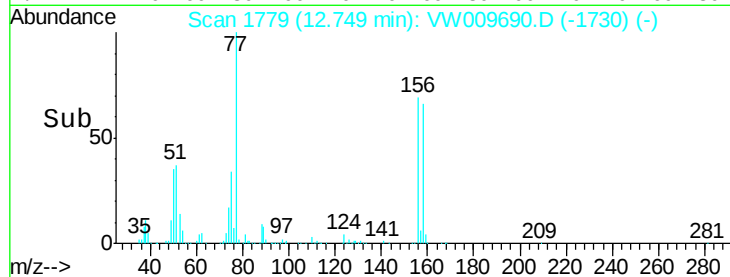
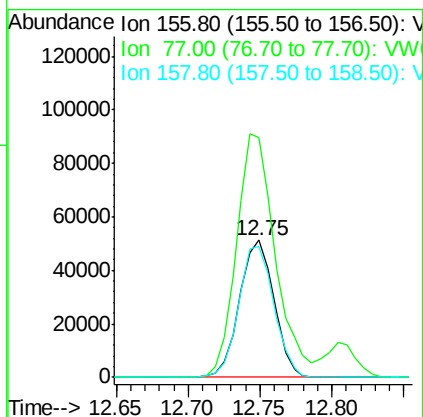
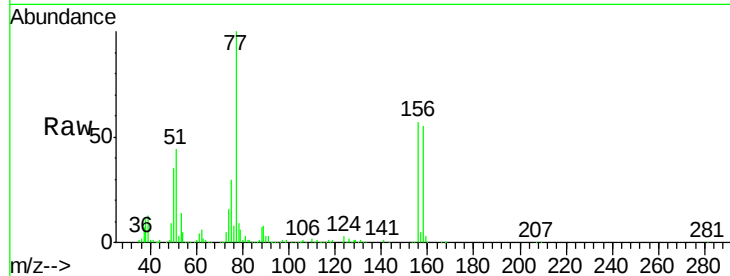




#77
Bromobenzene
Concen: 21.578 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

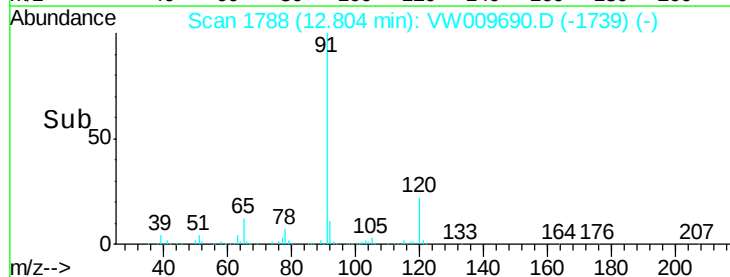
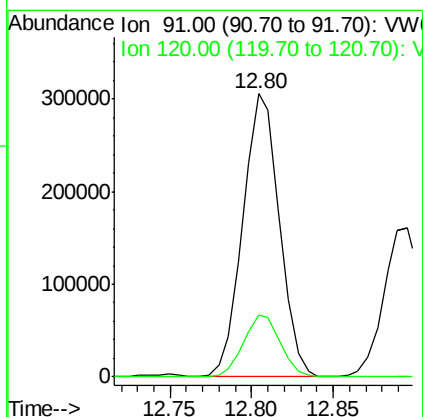
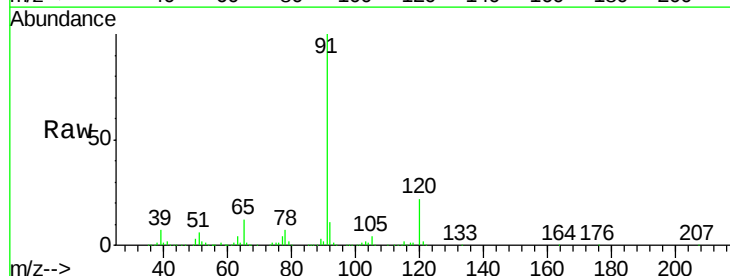
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

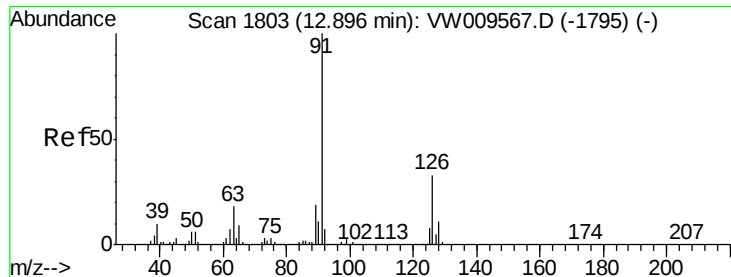
Tgt Ion: 156 Resp: 84986
Ion Ratio Lower Upper
156 100
77 199.5 96.0 288.0
158 98.4 49.1 147.3



#78
n-propylbenzene
Concen: 22.526 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 91 Resp: 475060
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 22.257 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

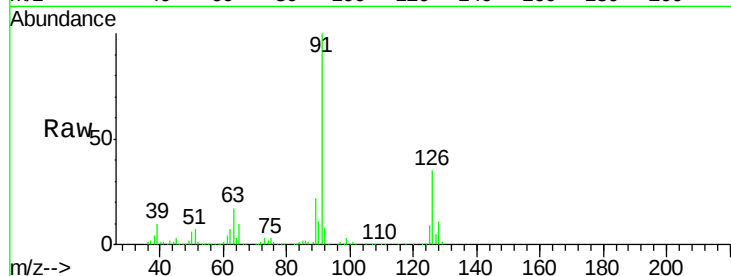
VW0404SBSD01

Tgt Ion: 91 Resp: 266757

Ion Ratio Lower Upper

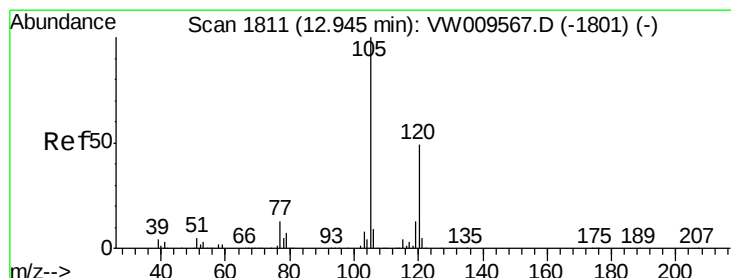
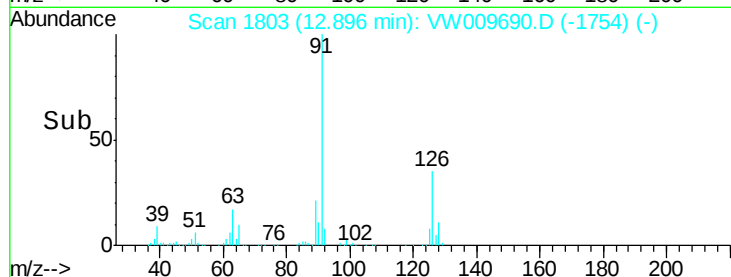
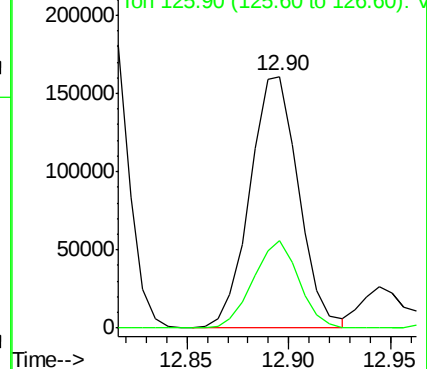
91 100

126 32.9 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.422 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW009690.D

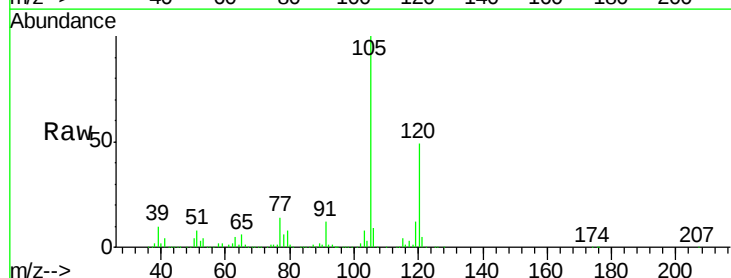
Acq: 04 Apr 2019 12:22

Tgt Ion: 105 Resp: 322938

Ion Ratio Lower Upper

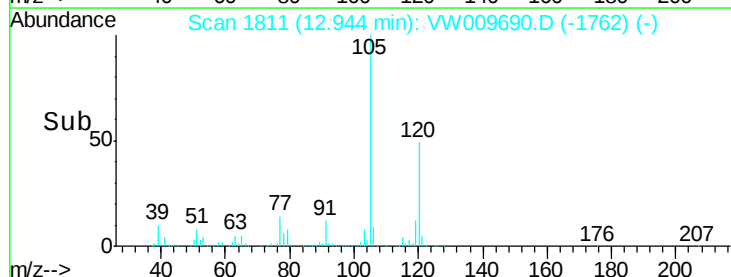
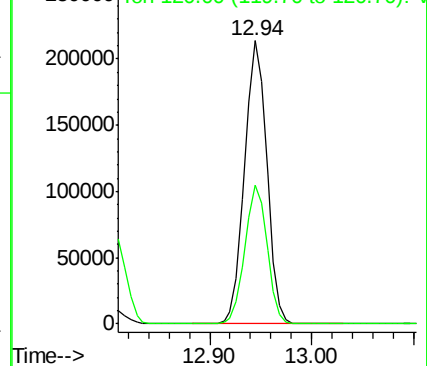
105 100

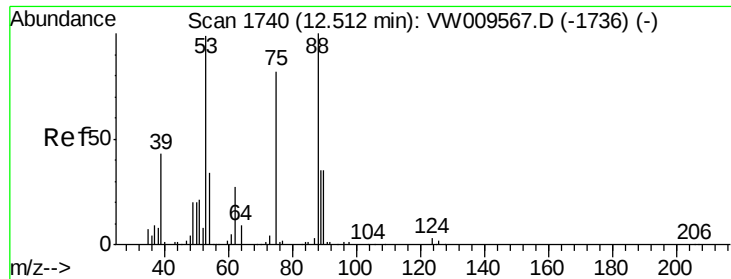
120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

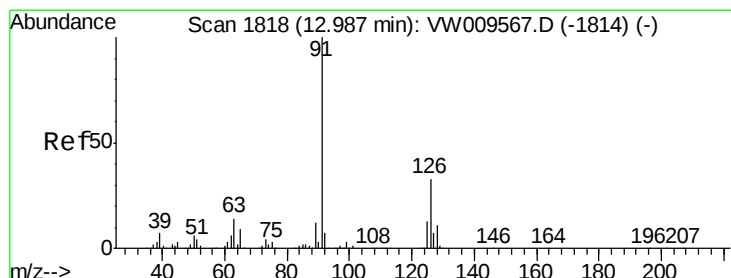
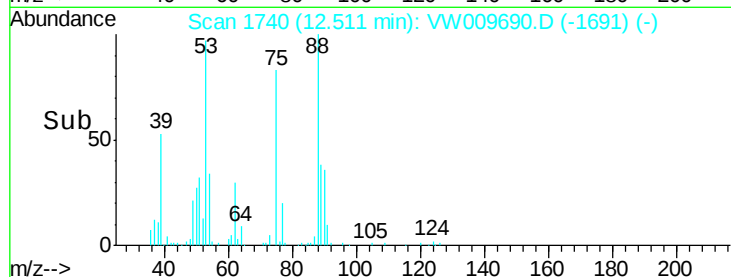
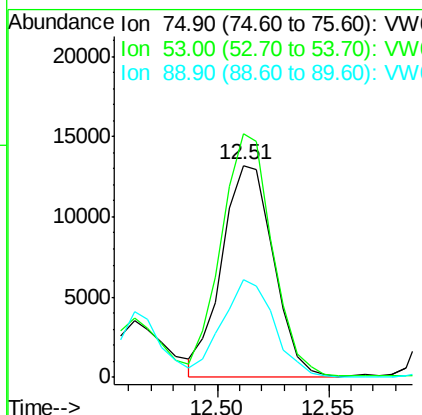
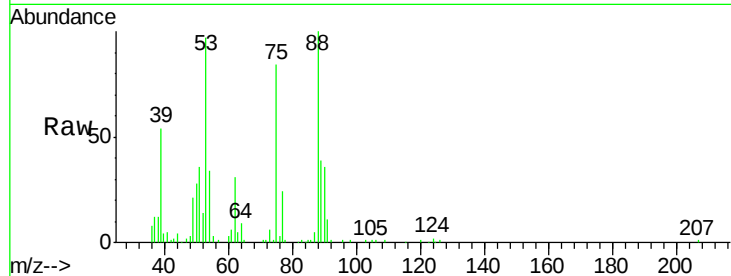




#81
trans-1,4-Dichloro-2-butene
Concen: 21.290 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

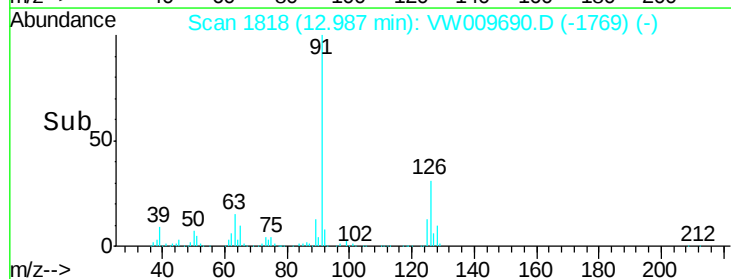
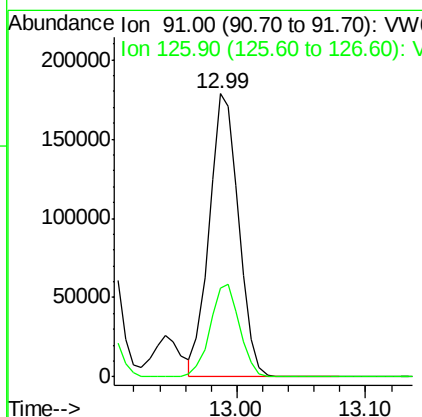
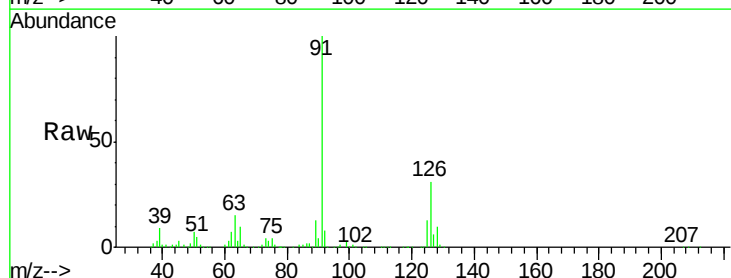
Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

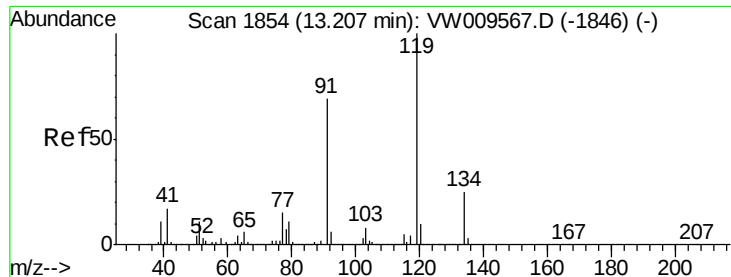
Tgt Ion: 75 Resp: 21158
Ion Ratio Lower Upper
75 100
53 113.1 86.7 130.1
89 46.9 36.4 54.6



#82
4-Chlorotoluene
Concen: 22.550 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion: 91 Resp: 284433
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.6

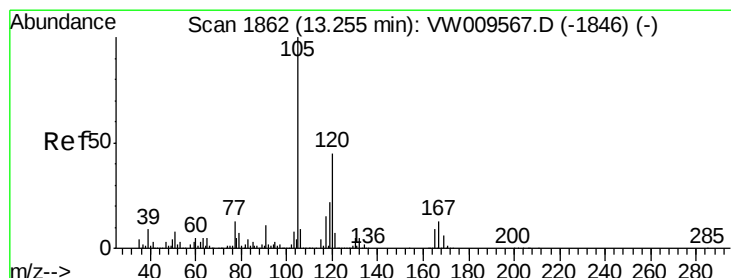
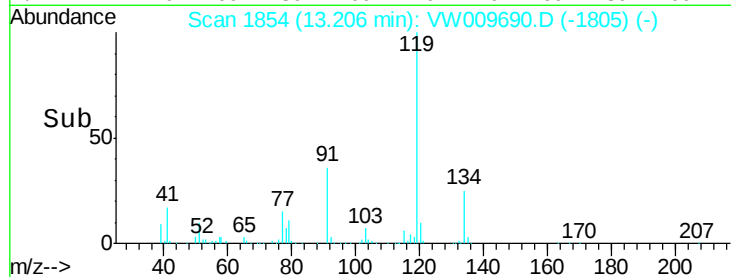
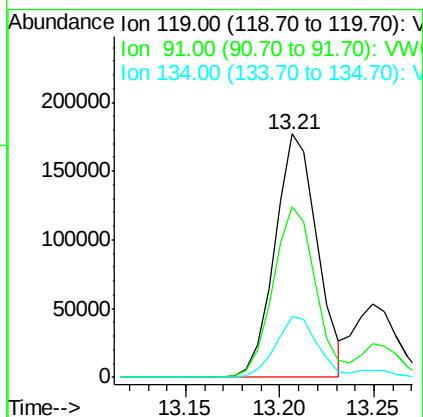
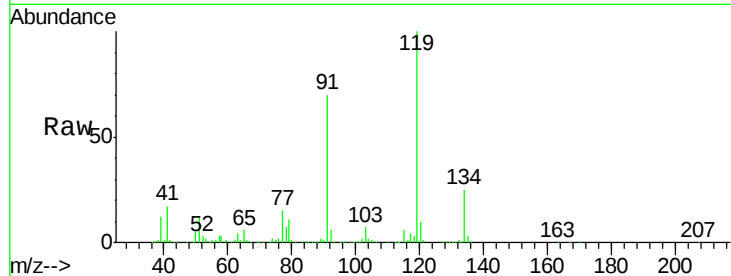




#83
 tert-Butylbenzene
 Concen: 22.454 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

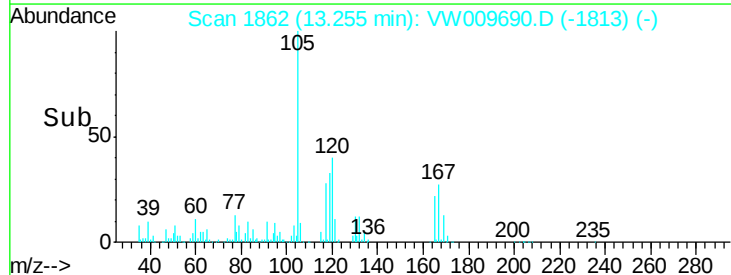
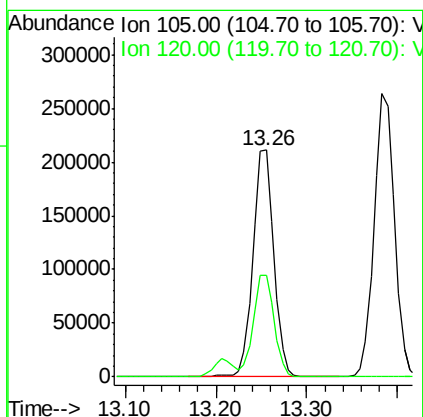
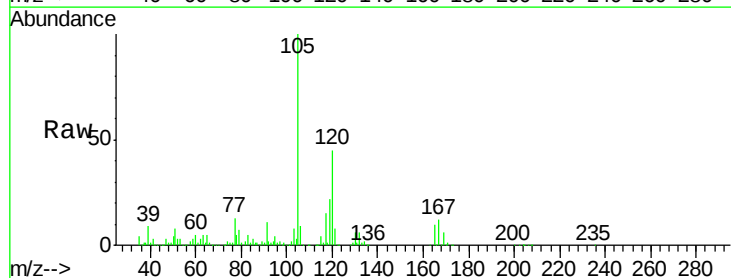
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

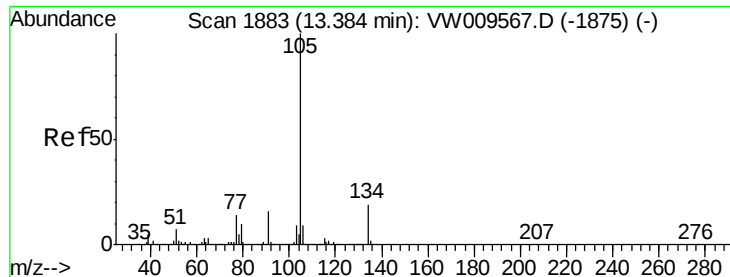
Tgt Ion:119 Resp: 275300
 Ion Ratio Lower Upper
 119 100
 91 71.0 34.4 103.2
 134 25.0 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.740 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion:105 Resp: 336703
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.3

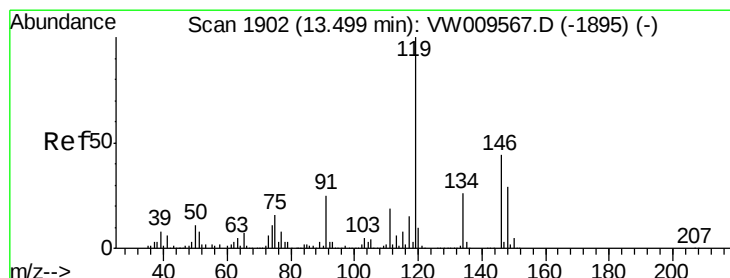
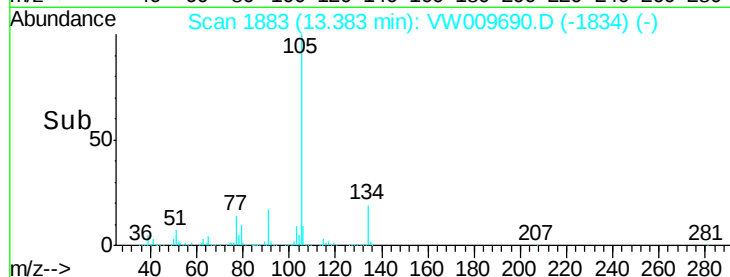
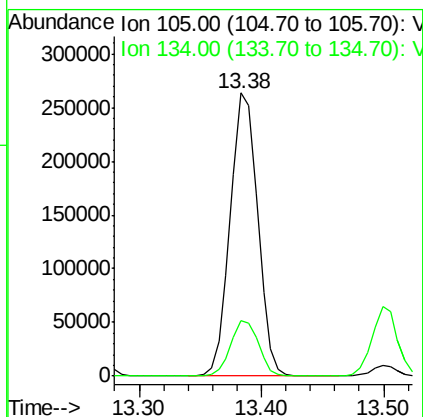
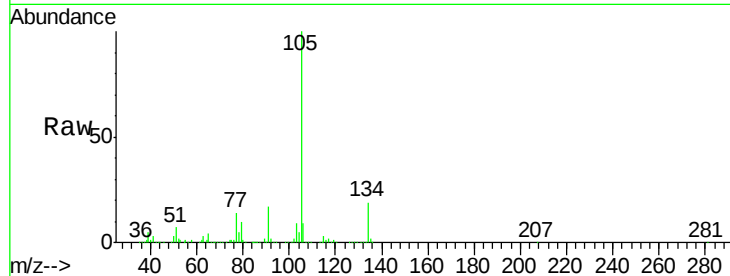




#85
 sec-Butylbenzene
 Concen: 22.184 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

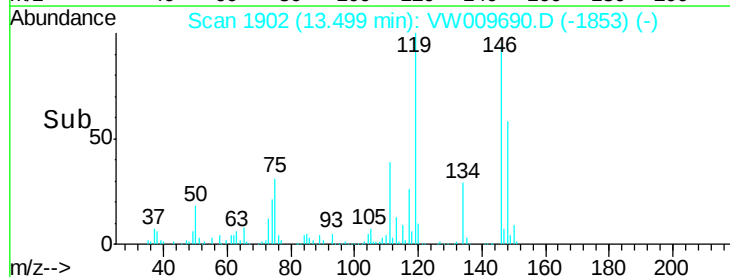
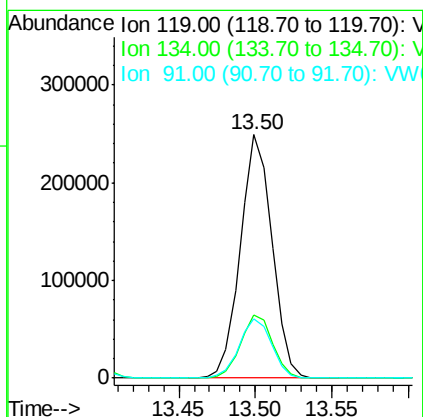
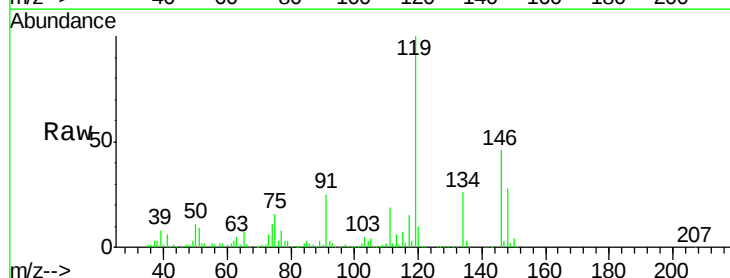
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

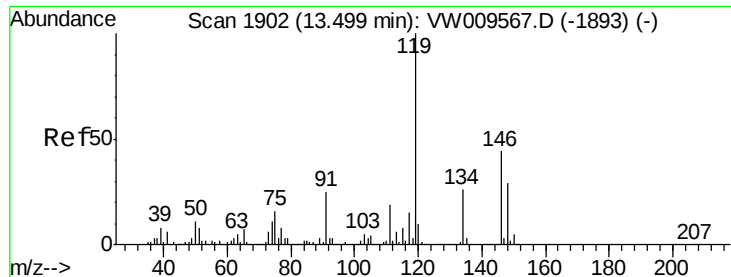
Tgt Ion:105 Resp: 410345
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.167 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion:119 Resp: 356634
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 25.3 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 21.977 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBSD01

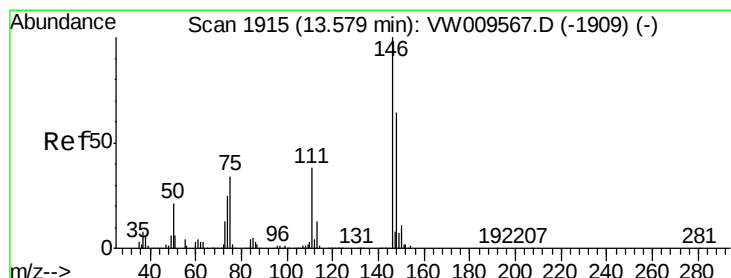
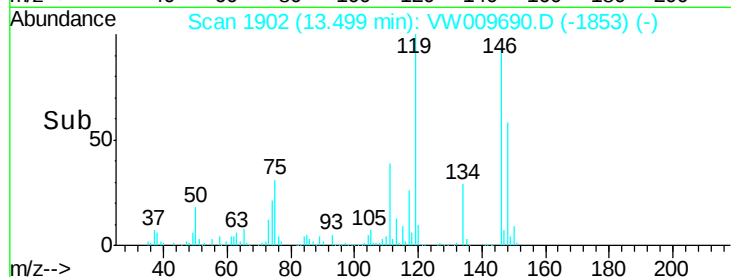
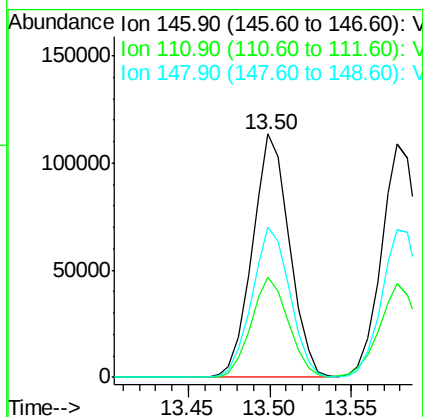
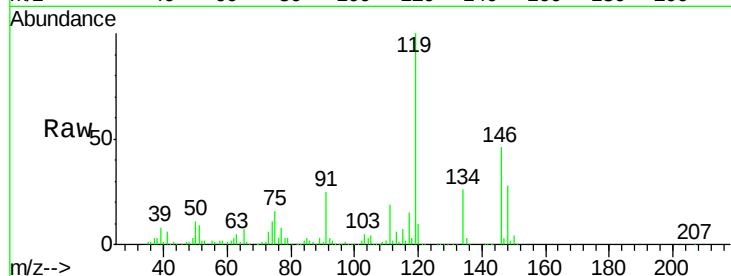
Tgt Ion:146 Resp: 178720

Ion Ratio Lower Upper

146 100

111 41.4 20.1 60.2

148 62.9 31.4 94.3



#88

1,4-Dichlorobenzene

Concen: 21.717 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

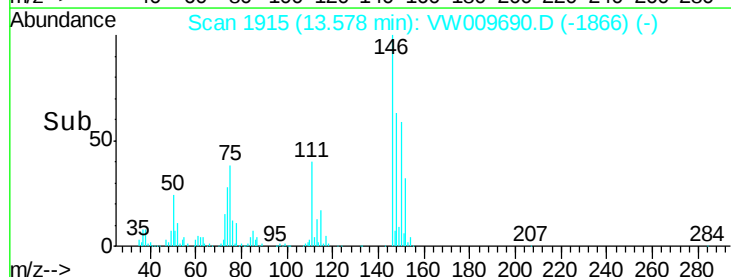
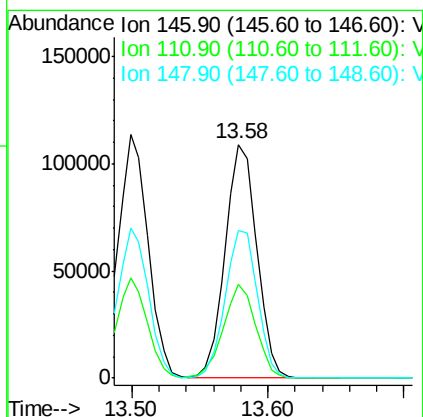
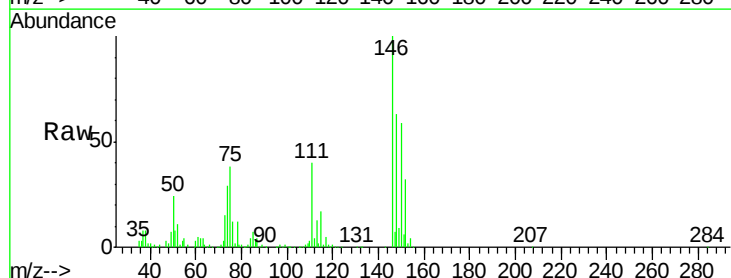
Tgt Ion:146 Resp: 176395

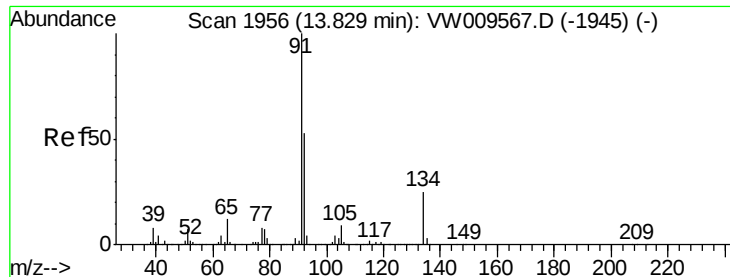
Ion Ratio Lower Upper

146 100

111 41.1 19.9 59.6

148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 22.073 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW009690.D

Acq: 04 Apr 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBSD01

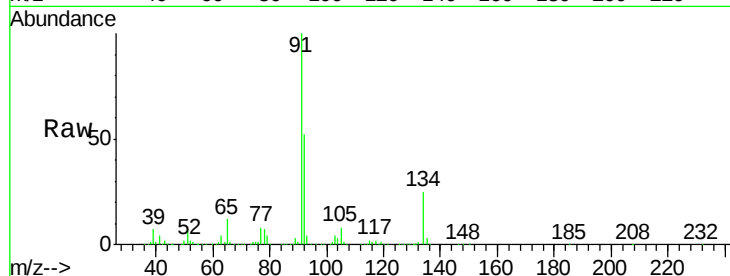
Tgt Ion: 91 Resp: 350537

Ion Ratio Lower Upper

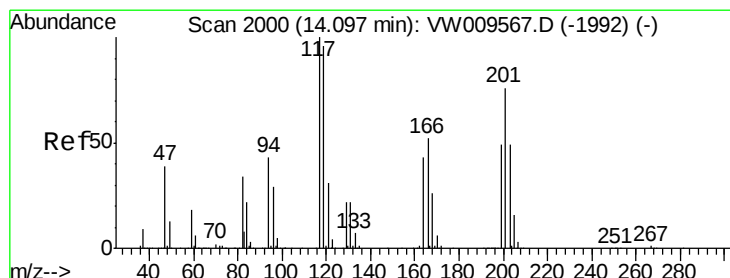
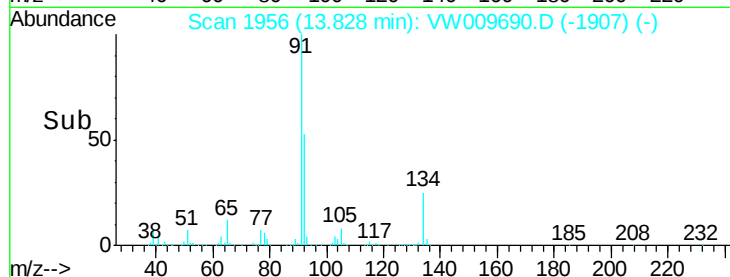
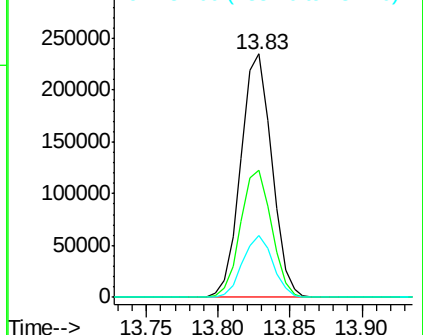
91 100

92 52.7 26.4 79.0

134 24.8 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.953 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW009690.D

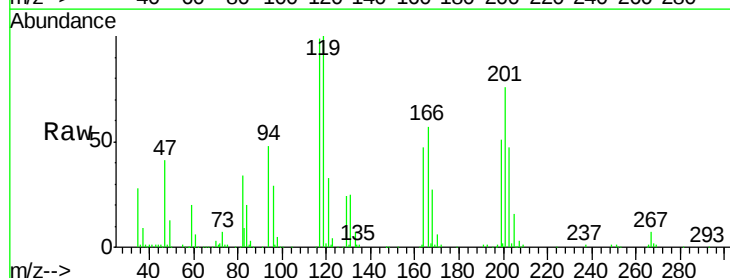
Acq: 04 Apr 2019 12:22

Tgt Ion: 117 Resp: 64554

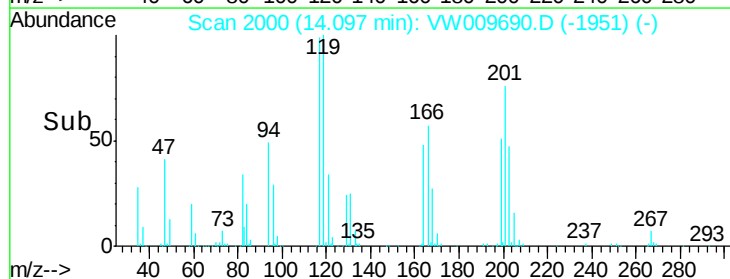
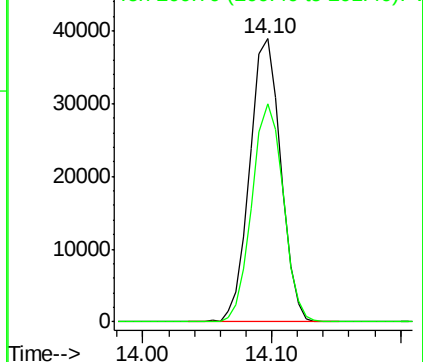
Ion Ratio Lower Upper

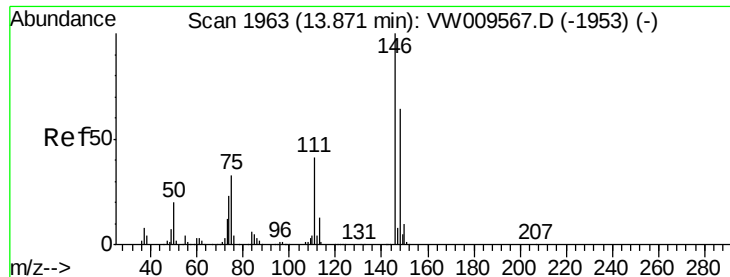
117 100

201 77.7 38.2 114.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

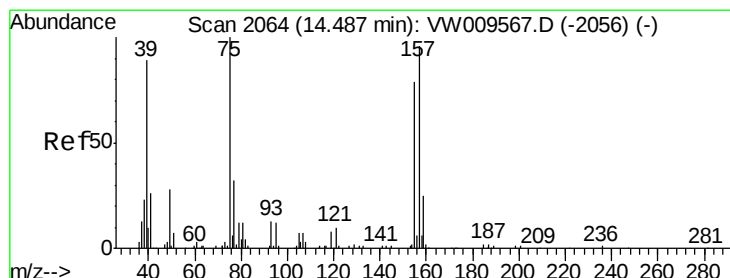
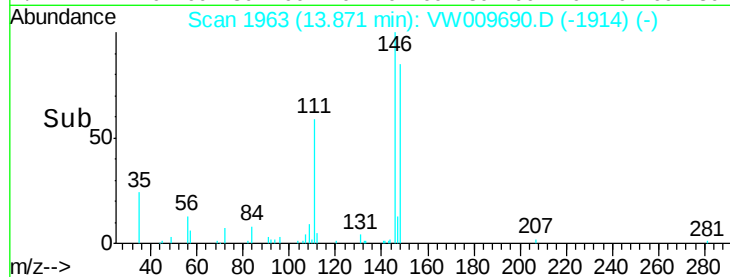
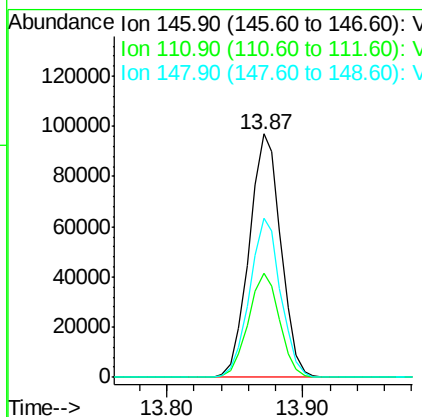
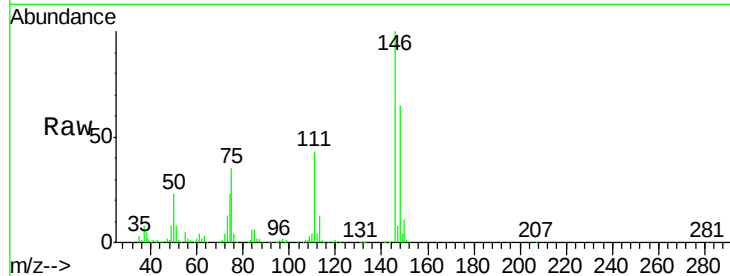




#91
 1,2-Dichlorobenzene
 Concen: 21.781 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

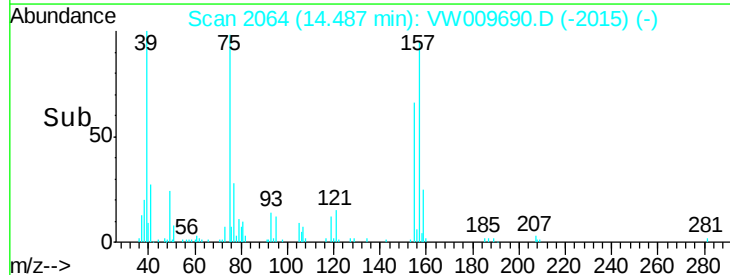
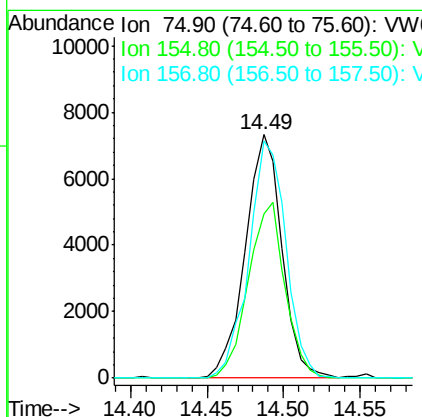
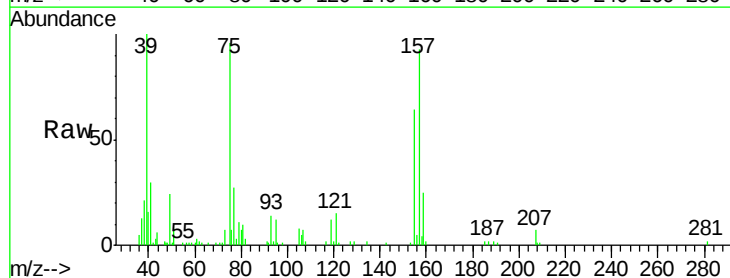
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

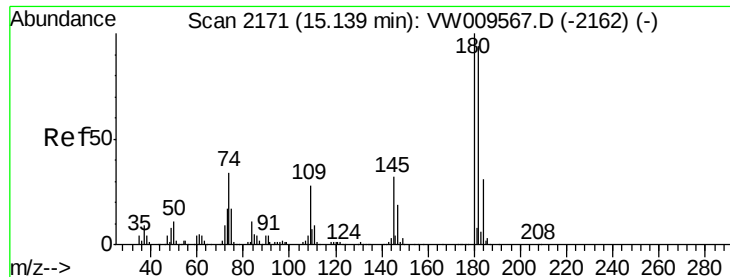
Tgt Ion:146 Resp: 158388
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.4 61.2
 148 64.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.671 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion: 75 Resp: 12205
 Ion Ratio Lower Upper
 75 100
 155 72.1 39.3 117.8
 157 98.7 49.5 148.5

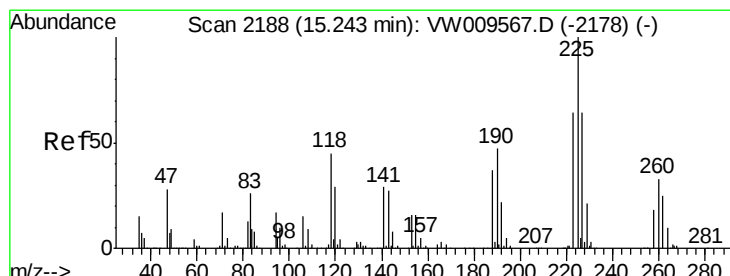
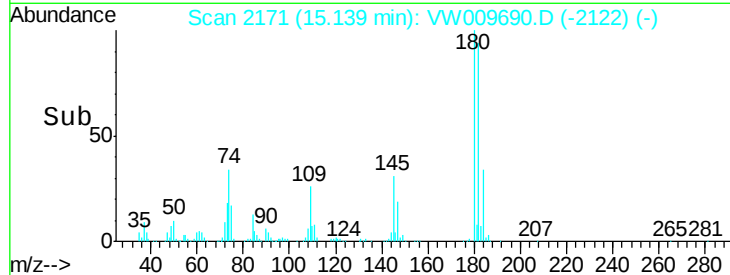
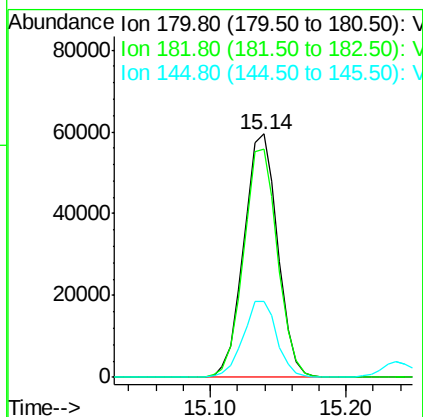
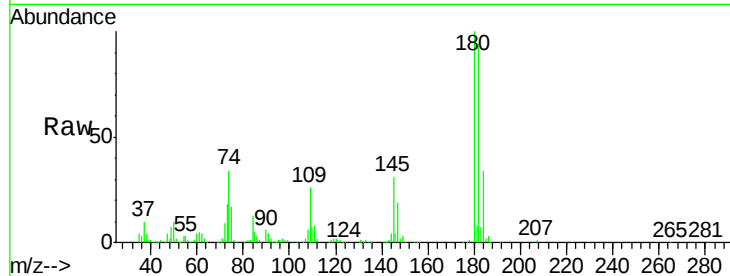




#93
 1,2,4-Trichlorobenzene
 Concen: 22.038 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

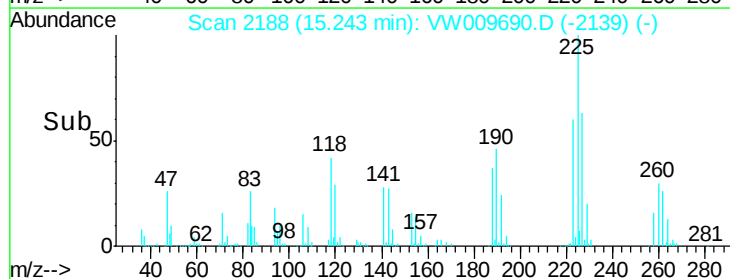
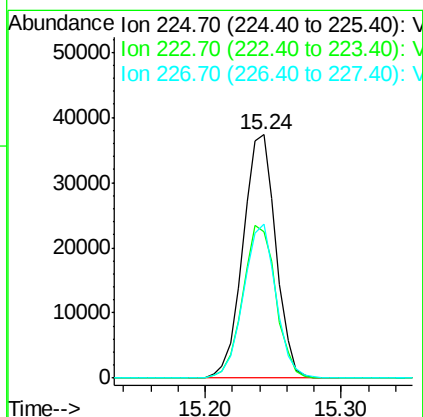
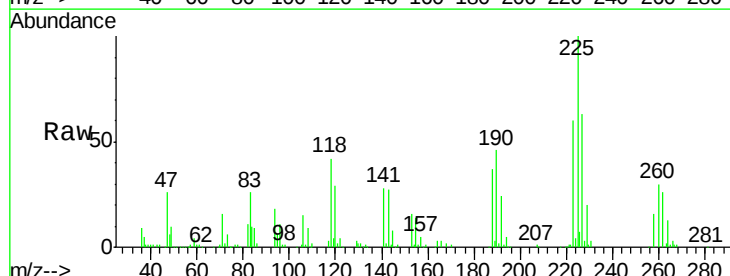
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

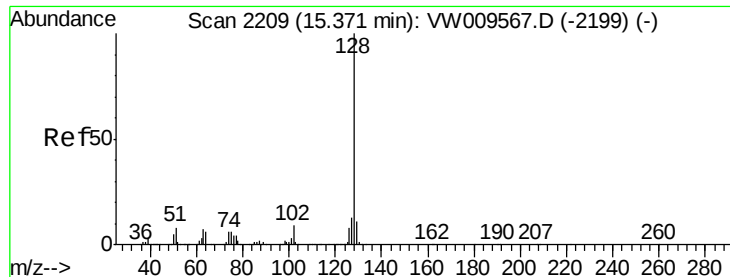
Tgt Ion:180 Resp: 103203
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.7
 145 31.4 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 20.941 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW009690.D
 Acq: 04 Apr 2019 12:22

Tgt Ion:225 Resp: 62980
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.3
 227 62.6 32.1 96.5

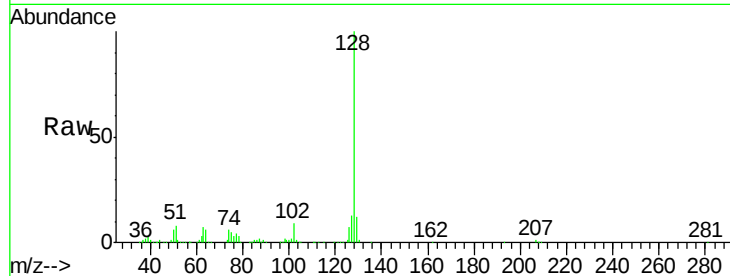




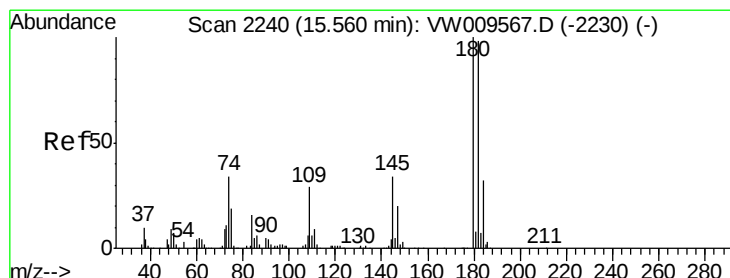
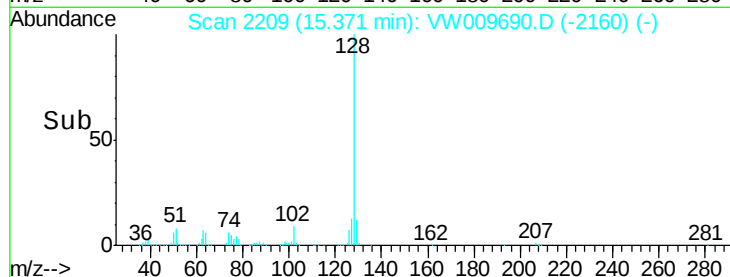
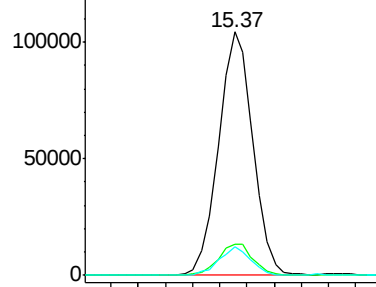
#95
Naphthalene
Concen: 21.006 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBSD01

Tgt Ion:128 Resp: 184042
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 10.8 8.7 13.1

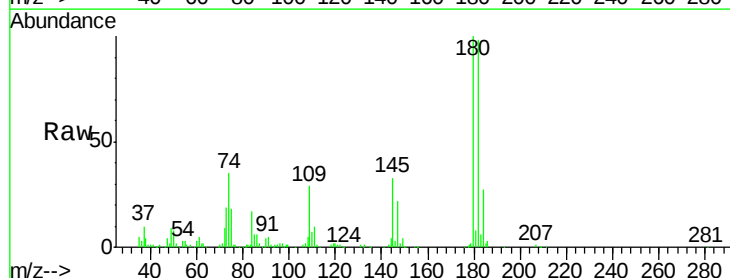


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.565 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW009690.D
Acq: 04 Apr 2019 12:22

Tgt Ion:180 Resp: 90226
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 32.0 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

