

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008122.D
 Acq On : 10 Jan 2019 01:25
 Operator : SY/AP
 Sample : VW0109SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Quant Time: Jan 10 06:02:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	124145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54247	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	38723	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	7.88	113	36504	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	10.32	98	148929	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.62	95	51400	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	11299	20.209	ug/l	96
3) Chloromethane	2.21	50	16153	22.269	ug/l	99
4) Vinyl Chloride	2.37	62	20883	22.059	ug/l	93
5) Bromomethane	2.79	94	17055	24.049	ug/l	96
6) Chloroethane	2.93	64	14640	20.551	ug/l	97
7) Trichlorofluoromethane	3.26	101	14770	19.191	ug/l	95
8) Diethyl Ether	3.68	74	10268	23.600	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16250	21.266	ug/l	95
10) Methyl Iodide	4.26	142	24927	22.383	ug/l	99
11) Tert butyl alcohol	5.24	59	5913	110.139	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	16347	21.790	ug/l	98
13) Acrolein	3.89	56	4281	82.513	ug/l	100
14) Allyl chloride	4.67	41	30425	22.337	ug/l	99
15) Acrylonitrile	5.37	53	20068	121.149	ug/l	97
16) Acetone	4.14	43	14947	94.877	ug/l #	87
17) Carbon Disulfide	4.37	76	49802	21.250	ug/l	96
18) Methyl Acetate	4.68	43	11768	24.183	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	28266	23.176	ug/l	99
20) Methylene Chloride	4.91	84	19792	23.567	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	18672	22.903	ug/l	95
22) Diisopropyl ether	6.32	45	61569	23.701	ug/l	98
23) Vinyl Acetate	6.26	43	159257	116.729	ug/l	99
24) 1,1-Dichloroethane	6.21	63	34379	22.713	ug/l	96
25) 2-Butanone	7.18	43	23646	110.380	ug/l	93
26) 2,2-Dichloropropane	7.17	77	20841	20.321	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	20264	22.781	ug/l	100
28) Bromochloromethane	7.51	49	13620	22.750	ug/l	98
29) Tetrahydrofuran	7.54	42	17631	123.209	ug/l	98
30) Chloroform	7.68	83	33600	23.322	ug/l	99
31) Cyclohexane	7.95	56	32540	20.082	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	27069	21.593	ug/l	97
36) 1,1-Dichloropropene	8.08	75	26301	20.567	ug/l	99
37) Ethyl Acetate	7.26	43	11690	22.817	ug/l	99
38) Carbon Tetrachloride	8.07	117	24943	21.310	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31460	19.402	ug/l	99
40) Benzene	8.32	78	77325	22.293	ug/l	99
41) Methacrylonitrile	7.48	41	7000	21.629	ug/l	97
42) 1,2-Dichloroethane	8.40	62	21792	22.338	ug/l	97
43) Isopropyl Acetate	8.43	43	22985	22.439	ug/l	100
44) Trichloroethene	9.09	130	19701	22.188	ug/l	96
45) 1,2-Dichloropropane	9.37	63	20409	23.730	ug/l	100
46) Dibromomethane	9.46	93	9323	22.073	ug/l	97
47) Bromodichloromethane	9.65	83	24644	22.978	ug/l #	99
48) Methyl methacrylate	9.43	41	10673	22.081	ug/l	93
49) 1,4-Dioxane	9.48	88	3002	441.957	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	56163	113.268	ug/l	99
52) Toluene	10.39	92	49502	22.347	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	24221	21.712	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	28588	21.611	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	13546	22.843	ug/l	97
56) Ethyl methacrylate	10.65	69	16194	22.051	ug/l	95
57) 1,3-Dichloropropane	10.93	76	25173	23.211	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	41579	109.606	ug/l	99
59) 2-Hexanone	10.97	43	36105	107.676	ug/l	99
60) Dibromochloromethane	11.13	129	15125	23.227	ug/l	97
61) 1,2-Dibromoethane	11.24	107	13157	23.382	ug/l	98
64) Tetrachloroethene	10.87	164	15828	21.737	ug/l	97
65) Chlorobenzene	11.66	112	52043	21.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	17408	22.579	ug/l	99
67) Ethyl Benzene	11.73	91	92192	21.256	ug/l	97
68) m/p-Xylenes	11.84	106	71319	43.082	ug/l	98
69) o-Xylene	12.17	106	33424	21.803	ug/l	99
70) Styrene	12.18	104	54221	22.581	ug/l	99
71) Bromoform	12.35	173	7660	22.200	ug/l #	90
73) Isopropylbenzene	12.47	105	88549	20.792	ug/l	99
74) N-amyl acetate	12.27	43	21176	22.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	15276	22.409	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	20966	42.397	ug/l	22
77) Bromobenzene	12.75	156	19806	22.009	ug/l	95
78) n-propylbenzene	12.81	91	109449	20.974	ug/l	99
79) 2-Chlorotoluene	12.90	91	62939	21.619	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	74526	21.294	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	4545	21.402	ug/l	98
82) 4-Chlorotoluene	12.99	91	65841	21.473	ug/l	100
83) tert-Butylbenzene	13.21	119	64929	20.970	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	77926	21.589	ug/l	99
85) sec-Butylbenzene	13.39	105	94376	20.808	ug/l	99
86) p-Isopropyltoluene	13.51	119	81967	20.928	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	41167	22.551	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	41077	22.428	ug/l	98
89) n-Butylbenzene	13.83	91	78332	20.420	ug/l	100
90) Hexachloroethane	14.10	117	14502	21.922	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	35738	22.276	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2381	21.703	ug/l	90

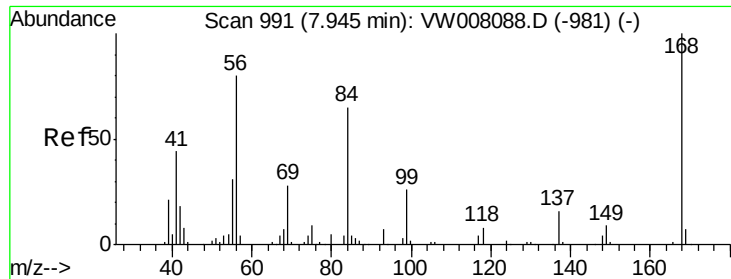
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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MSVOA_W
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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23176	21.759	ug/l	98
94) Hexachlorobutadiene	15.24	225	12269	21.521	ug/l	96
95) Naphthalene	15.38	128	43072	21.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20291	22.347	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

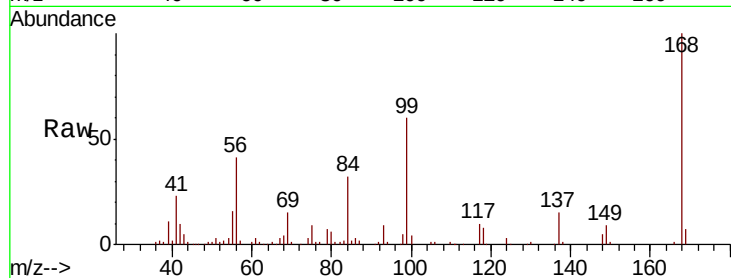
VW0109SBSD02

Tgt Ion:168 Resp: 68506

Ion Ratio Lower Upper

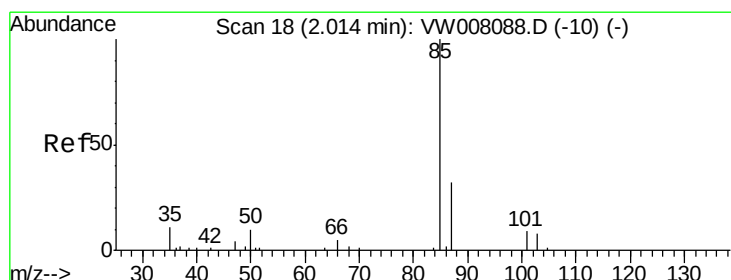
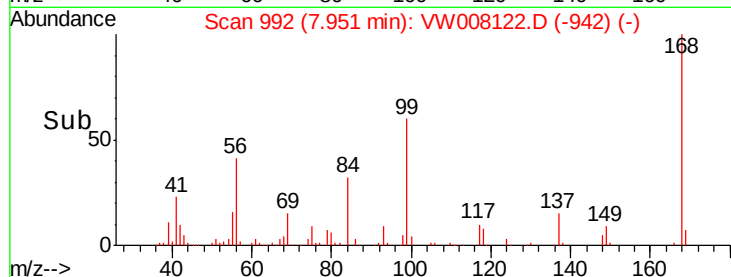
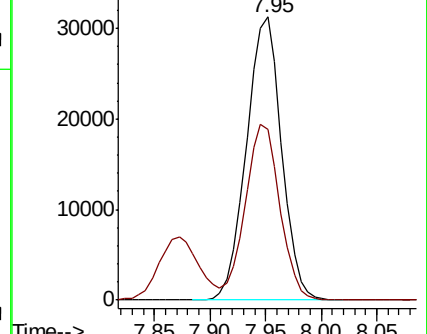
168 100

99 60.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.209 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008122.D

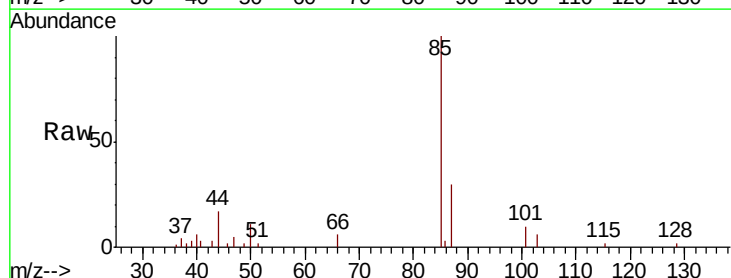
Acq: 10 Jan 2019 01:25

Tgt Ion: 85 Resp: 11299

Ion Ratio Lower Upper

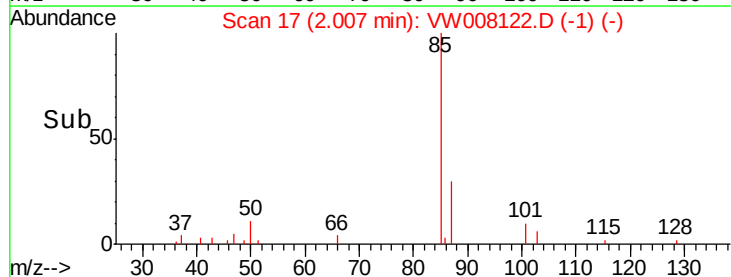
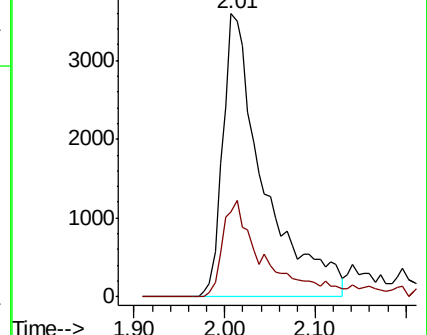
85 100

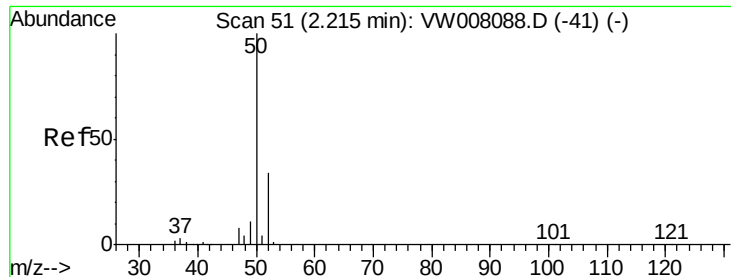
87 29.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.269 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

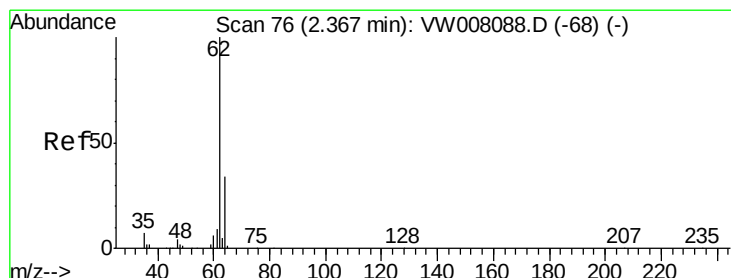
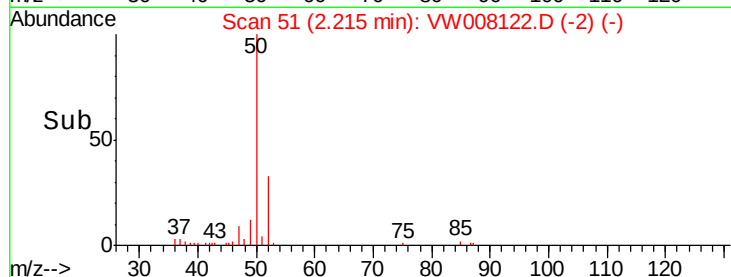
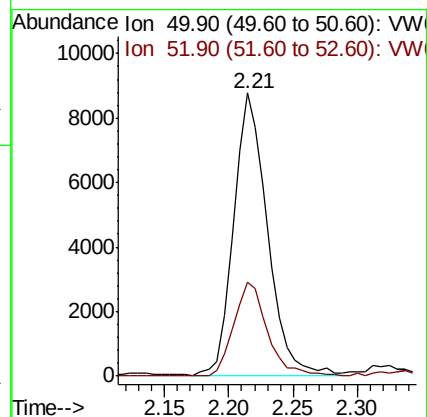
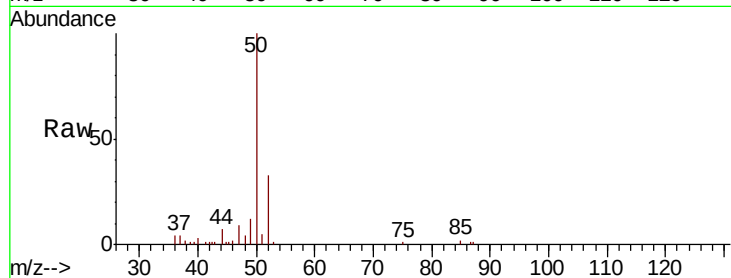
VW0109SBSD02

Tgt Ion: 50 Resp: 16153

Ion Ratio Lower Upper

50 100

52 33.1 26.8 40.2



#4

Vinyl Chloride

Concen: 22.059 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008122.D

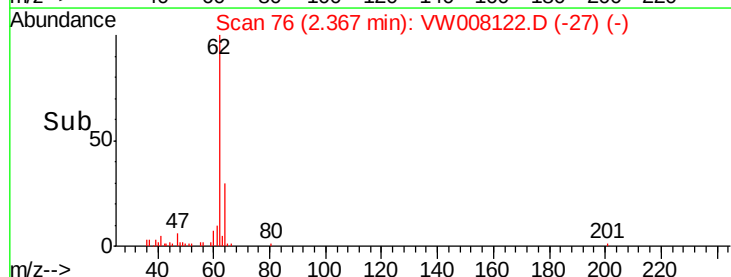
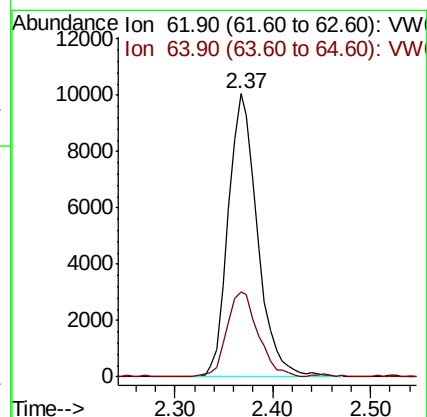
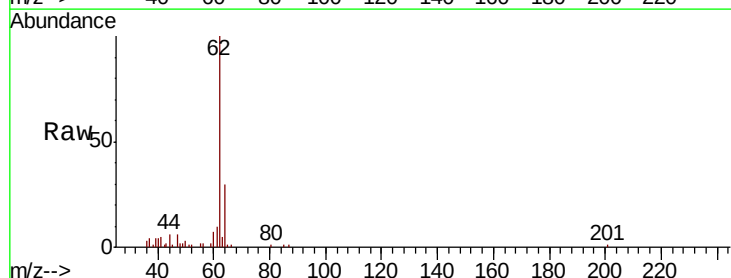
Acq: 10 Jan 2019 01:25

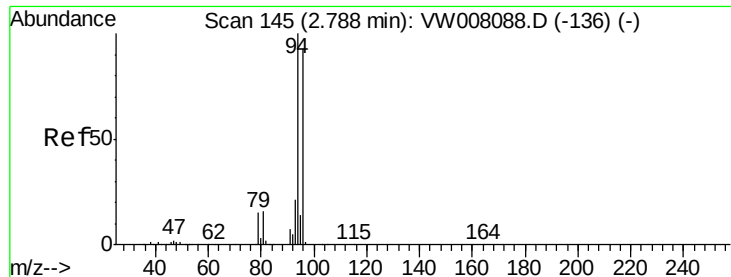
Tgt Ion: 62 Resp: 20883

Ion Ratio Lower Upper

62 100

64 30.0 27.0 40.6





#5

Bromomethane

Concen: 24.049 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

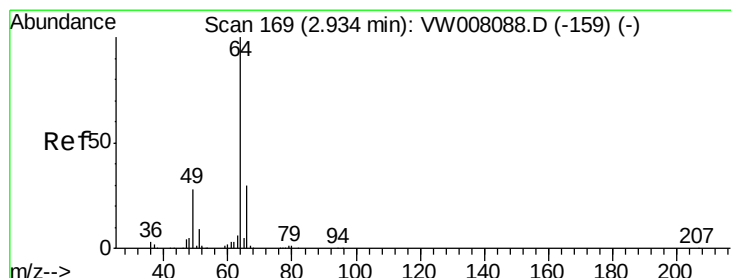
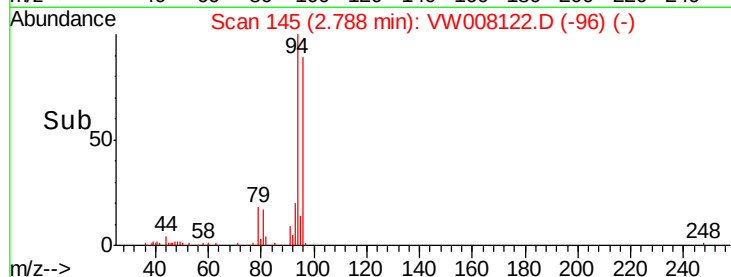
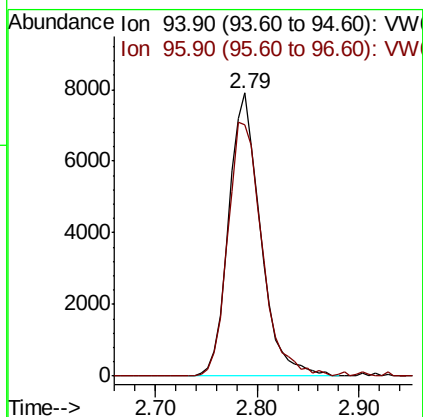
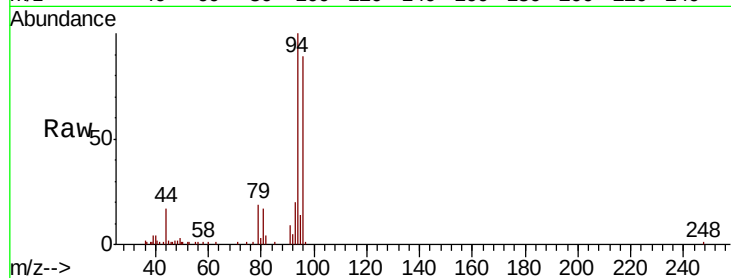
VW0109SBSD02

Tgt Ion: 94 Resp: 17055

Ion Ratio Lower Upper

94 100

96 89.0 74.1 111.1



#6

Chloroethane

Concen: 20.551 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008122.D

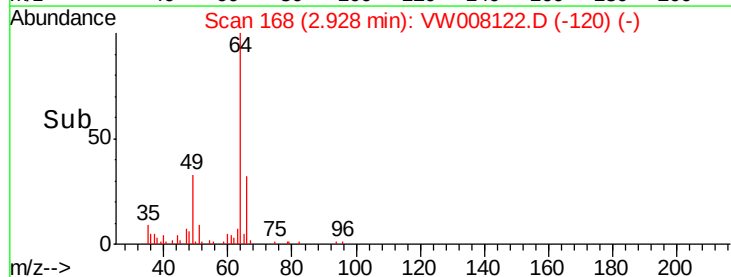
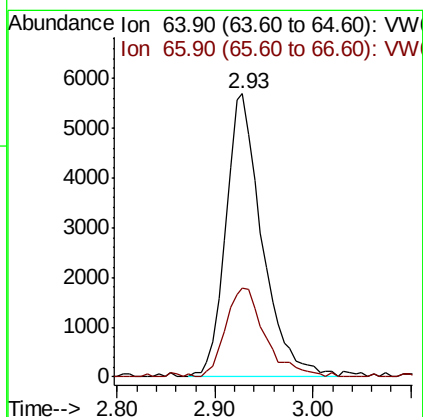
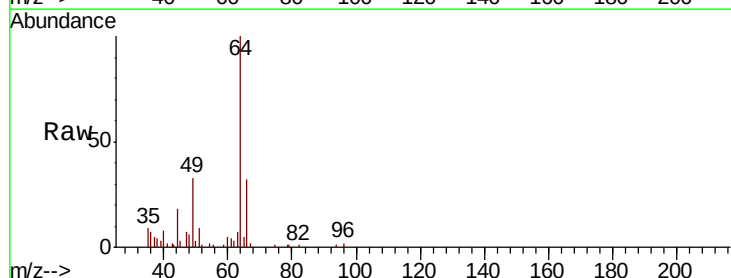
Acq: 10 Jan 2019 01:25

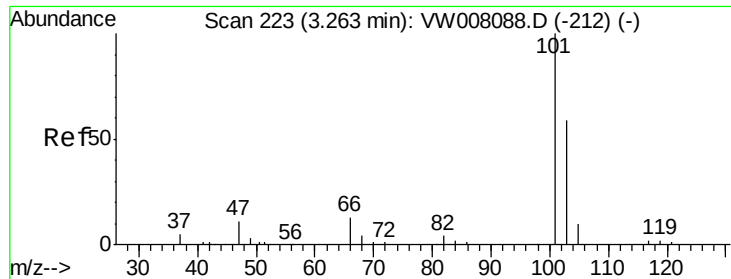
Tgt Ion: 64 Resp: 14640

Ion Ratio Lower Upper

64 100

66 31.6 24.2 36.2



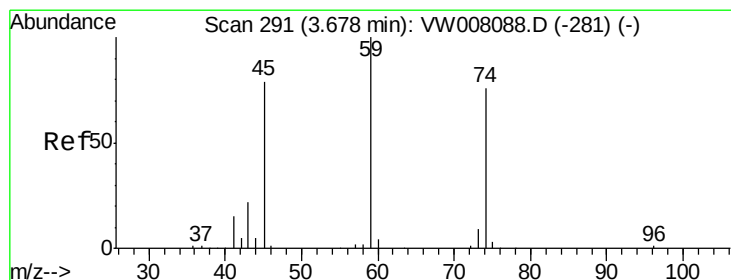
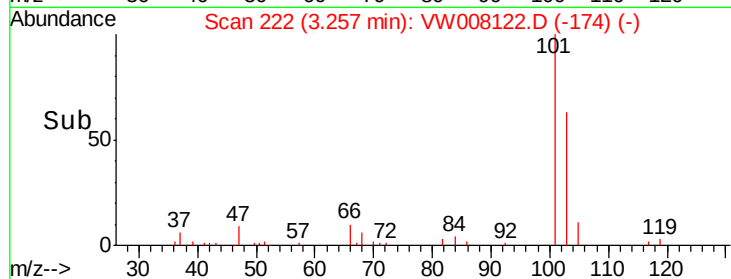
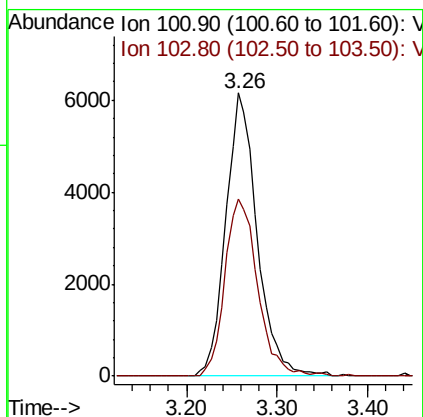
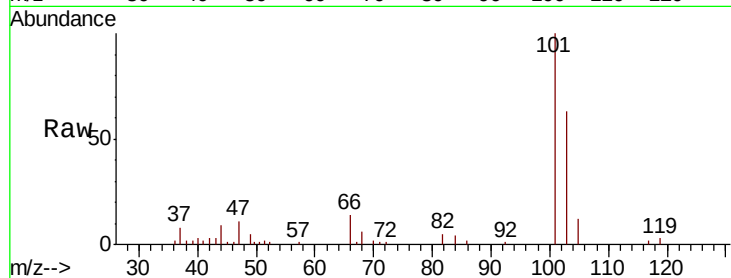


#7

Trichlorofluoromethane
Concen: 19.191 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

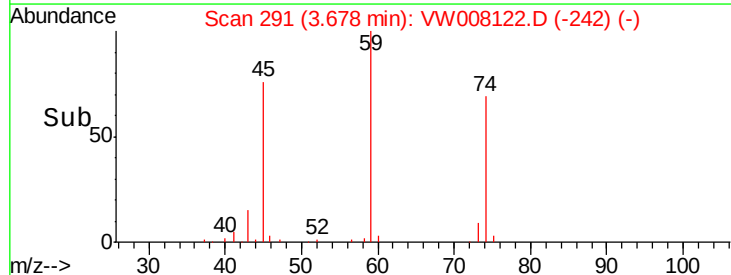
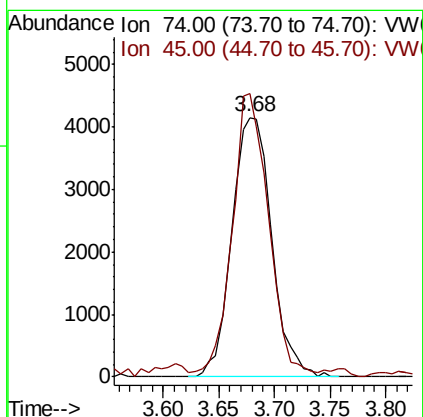
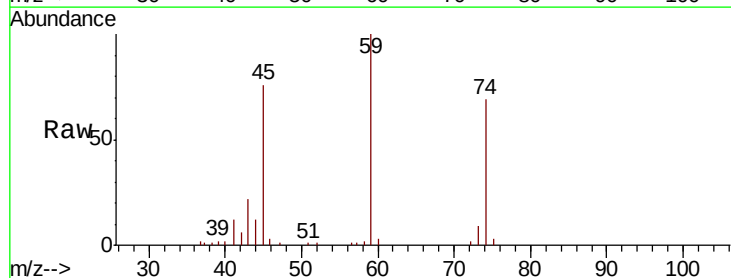
Tgt Ion:101 Resp: 14770
Ion Ratio Lower Upper
101 100
103 62.6 47.0 70.6

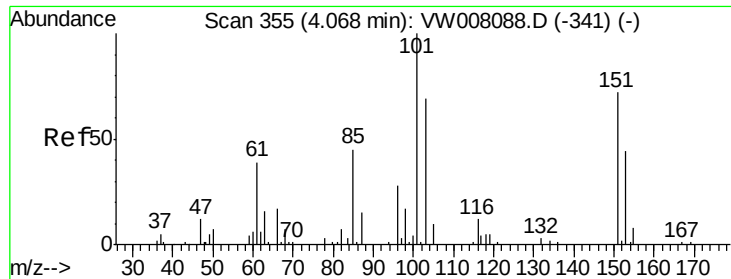


#8

Diethyl Ether
Concen: 23.600 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 74 Resp: 10268
Ion Ratio Lower Upper
74 100
45 100.4 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.266 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

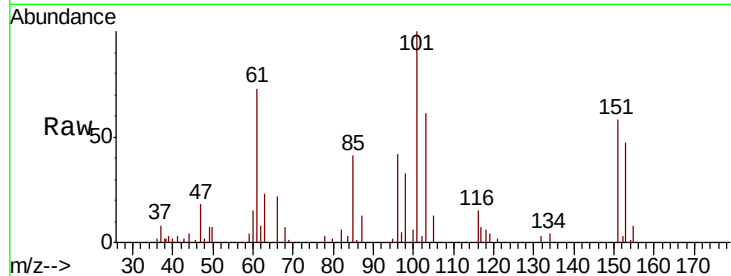
Tgt Ion:101 Resp: 16250

Ion Ratio Lower Upper

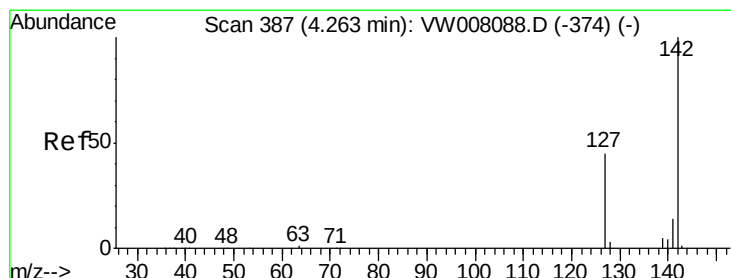
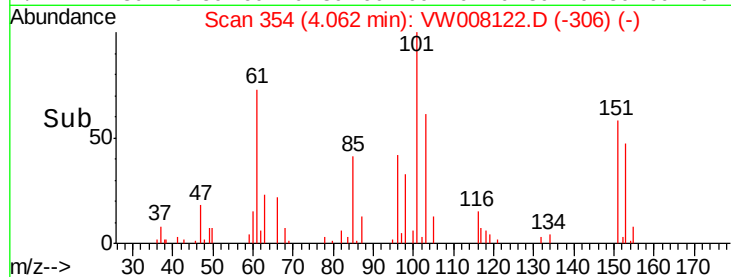
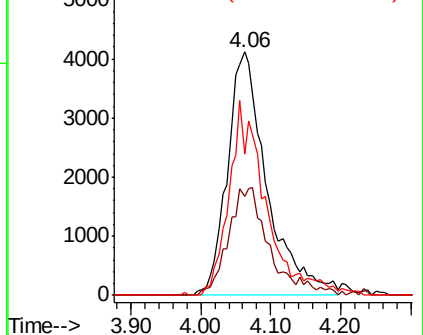
101 100

85 42.5 35.9 53.9

151 74.1 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.383 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

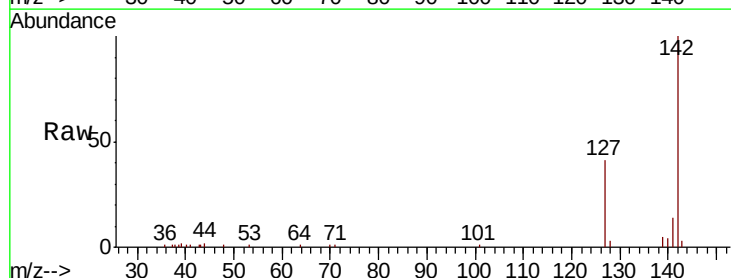
Tgt Ion:142 Resp: 24927

Ion Ratio Lower Upper

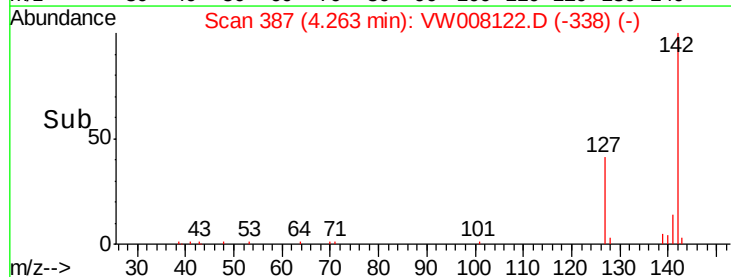
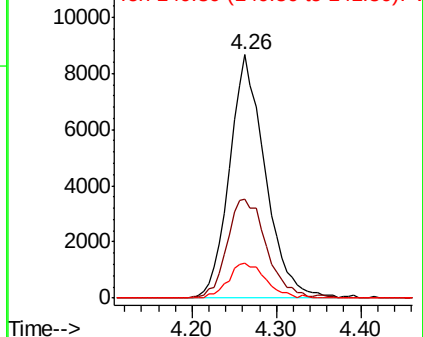
142 100

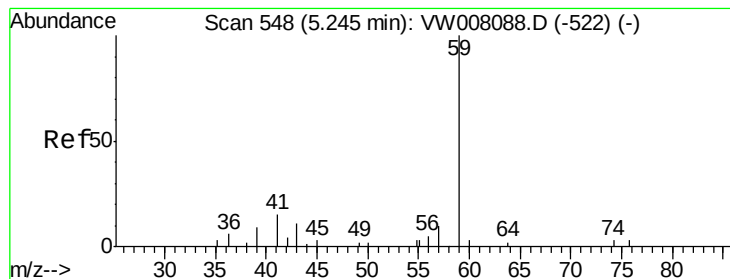
127 44.7 35.0 52.4

141 14.8 11.8 17.6



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



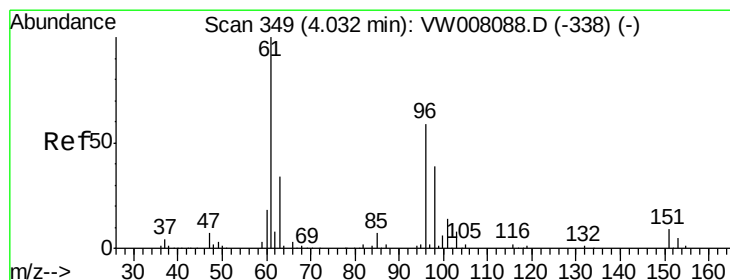
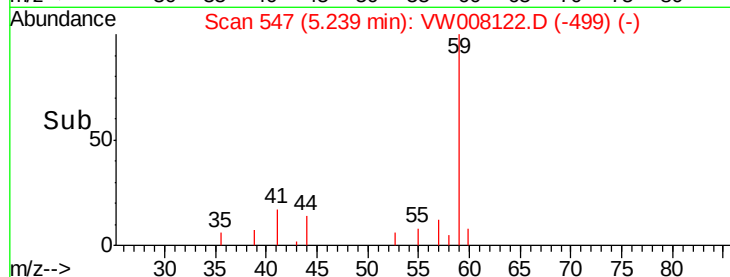
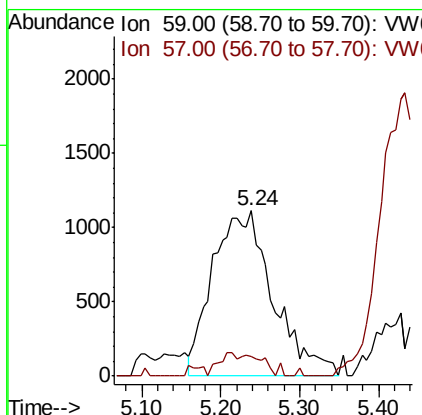
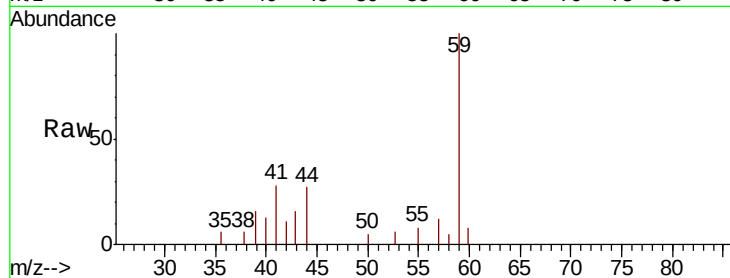


#11

Tert butyl alcohol
 Concen: 110.139 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

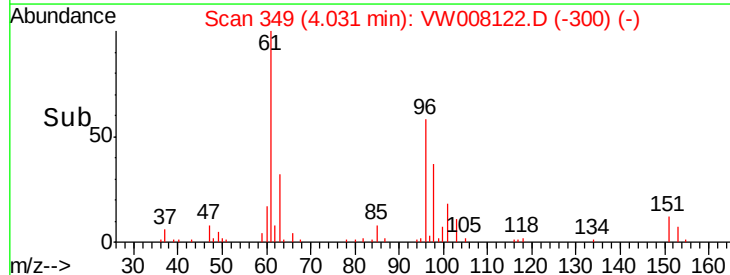
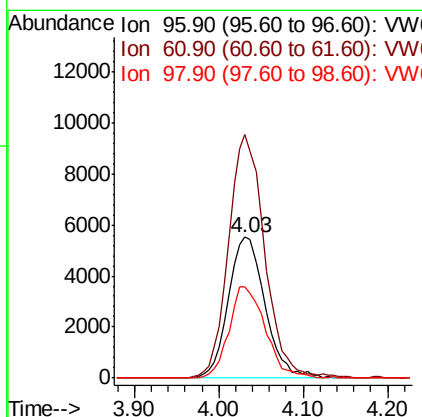
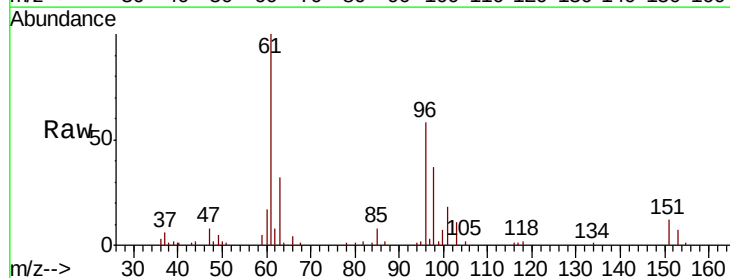
Tgt Ion: 59 Resp: 5913
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0

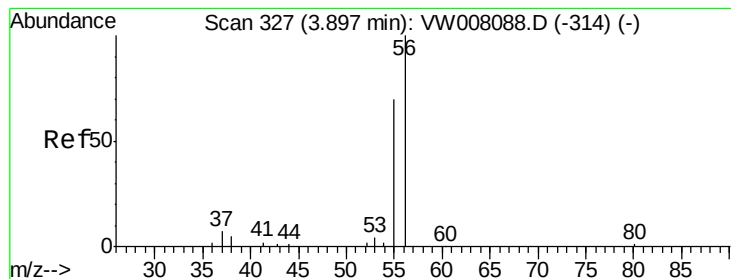


#12

1,1-Dichloroethene
 Concen: 21.790 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 96 Resp: 16347
 Ion Ratio Lower Upper
 96 100
 61 172.6 135.4 203.2
 98 64.3 52.5 78.7





#13

Acrolein

Concen: 82.513 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

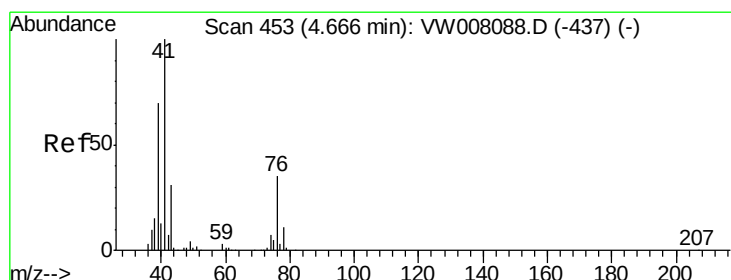
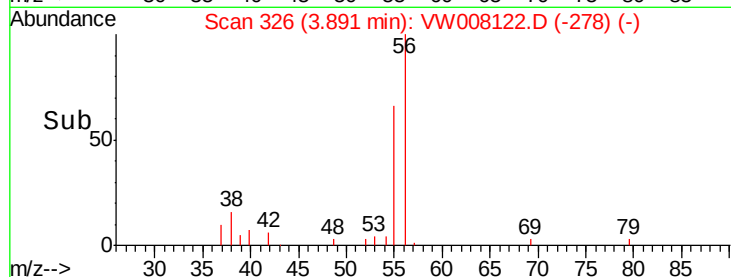
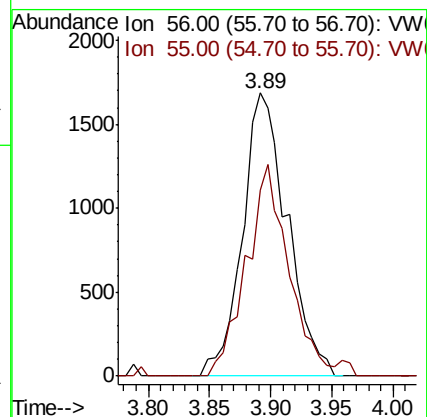
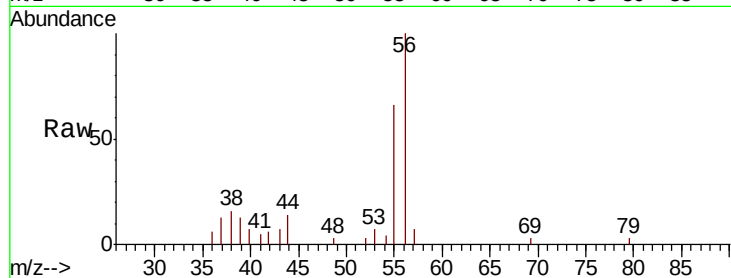
VW0109SBSD02

Tgt Ion: 56 Resp: 4281

Ion Ratio Lower Upper

56 100

55 70.9 56.6 84.8



#14

Allyl chloride

Concen: 22.337 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

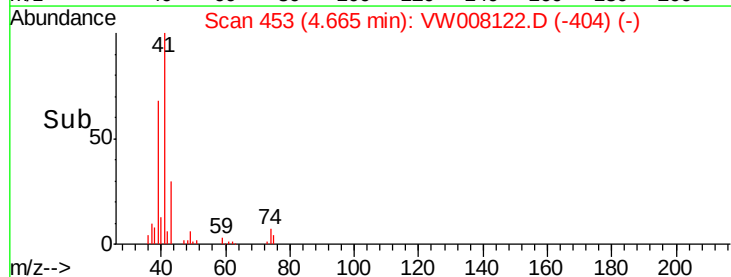
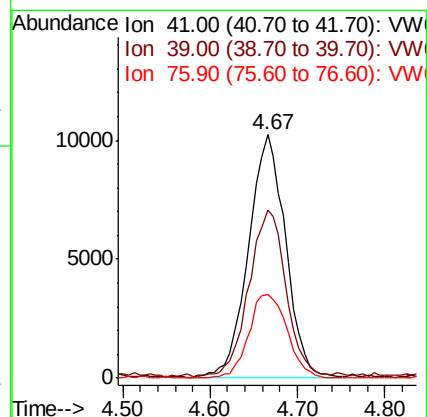
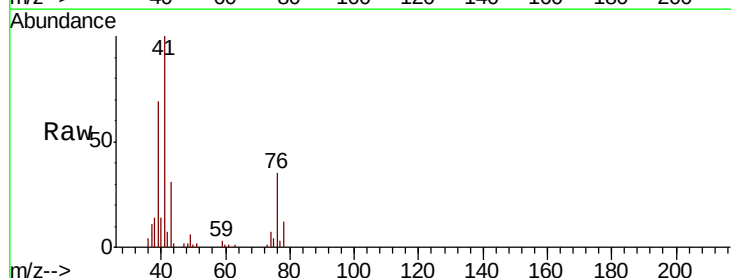
Tgt Ion: 41 Resp: 30425

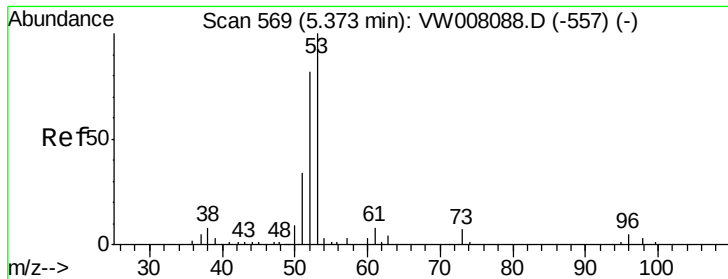
Ion Ratio Lower Upper

41 100

39 68.0 53.8 80.8

76 35.3 27.6 41.4





#15

Acrylonitrile

Concen: 121.149 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

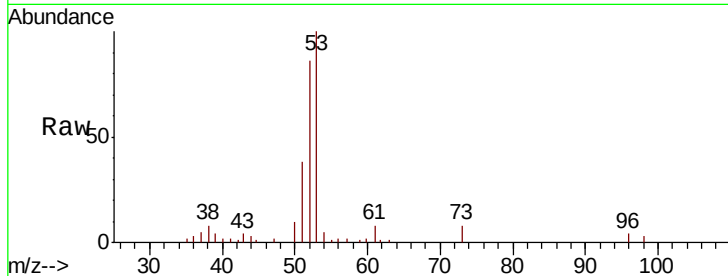
Tgt Ion: 53 Resp: 20068

Ion Ratio Lower Upper

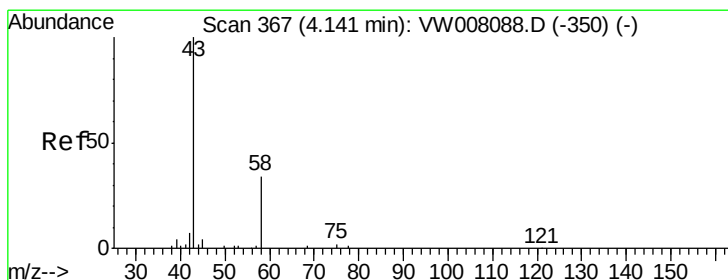
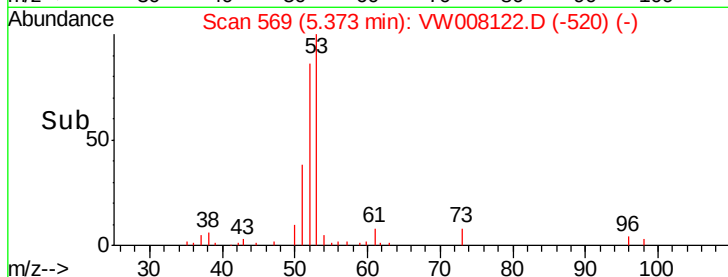
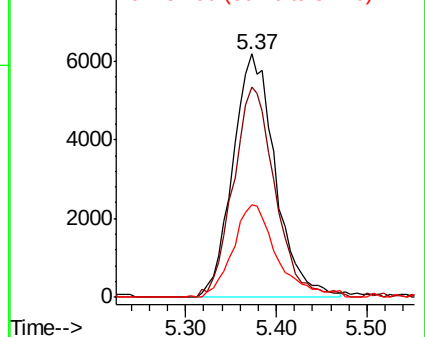
53 100

52 85.4 66.8 100.2

51 39.3 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 94.877 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008122.D

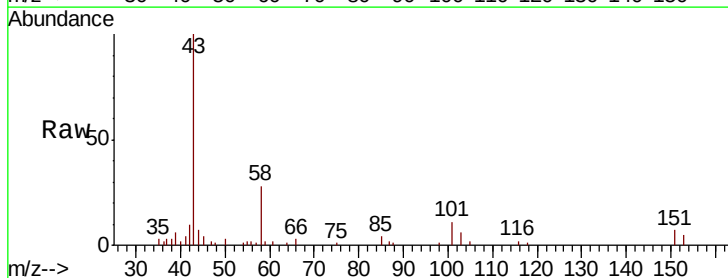
Acq: 10 Jan 2019 01:25

Tgt Ion: 43 Resp: 14947

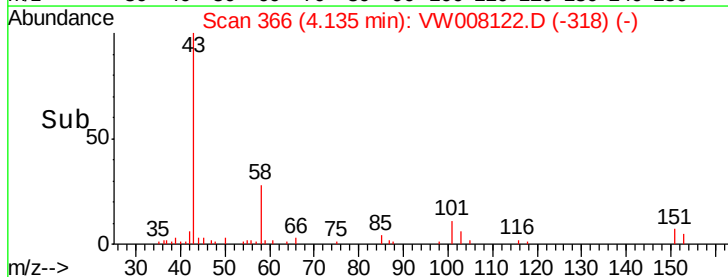
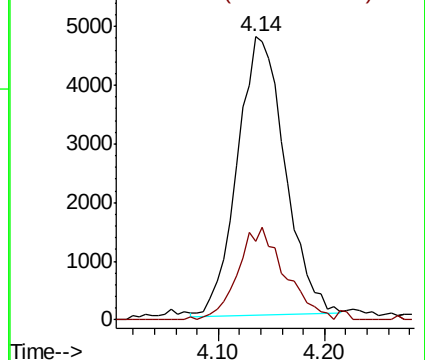
Ion Ratio Lower Upper

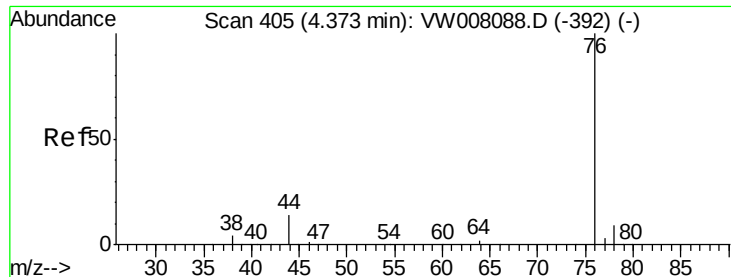
43 100

58 27.0 27.5 41.3#



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

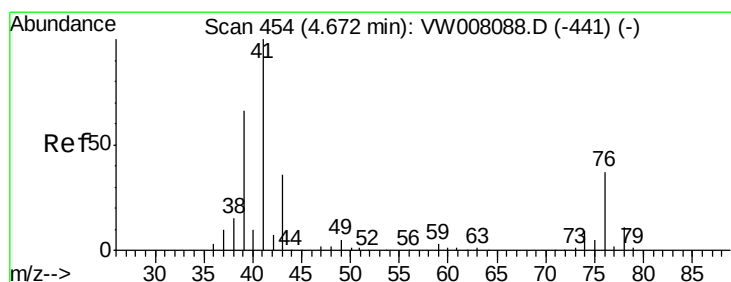
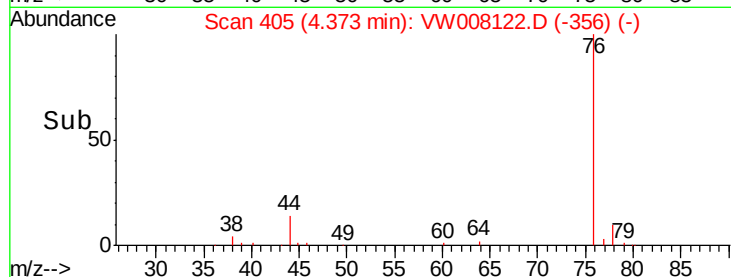
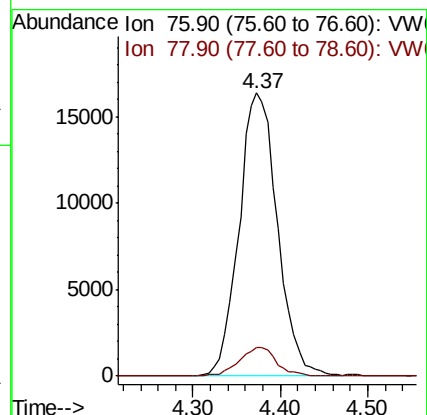
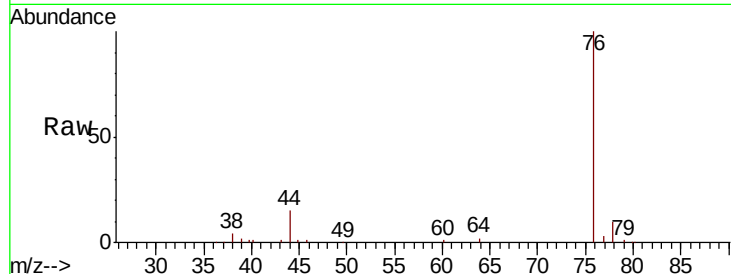




#17
Carbon Disulfide
Concen: 21.250 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

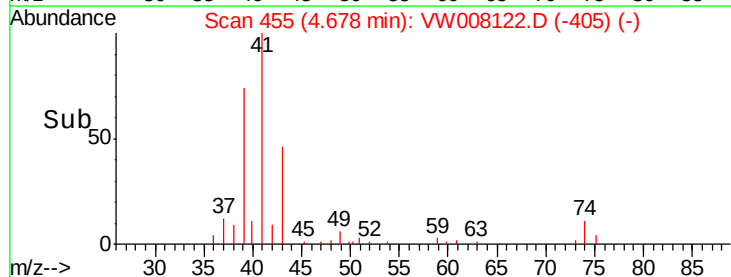
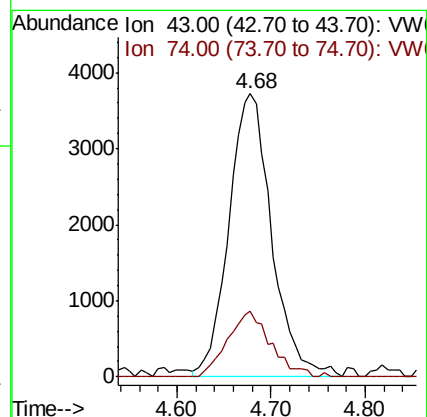
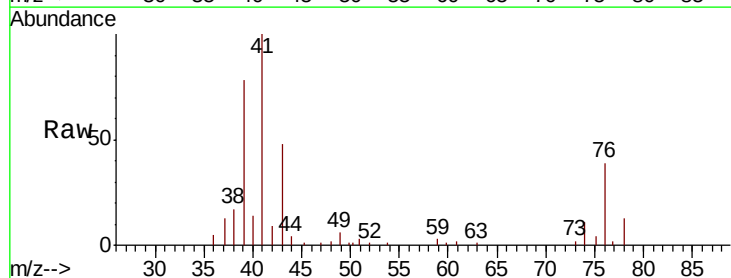
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

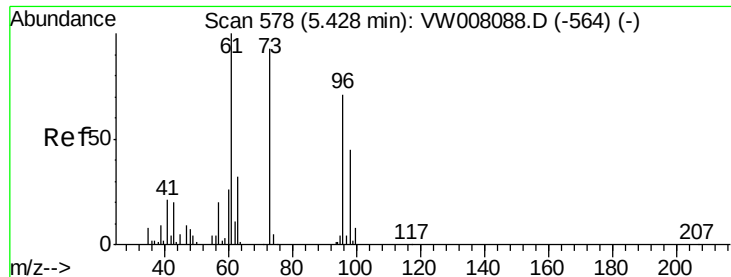
Tgt Ion: 76 Resp: 49802
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6



#18
Methyl Acetate
Concen: 24.183 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 43 Resp: 11768
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4

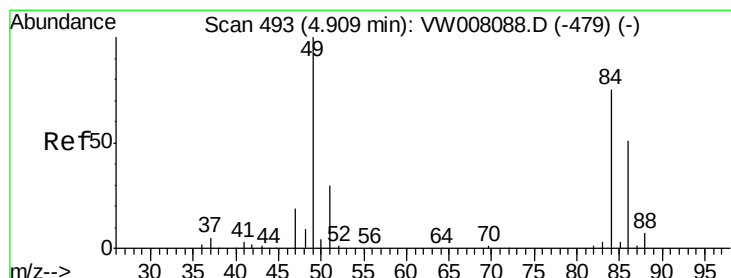
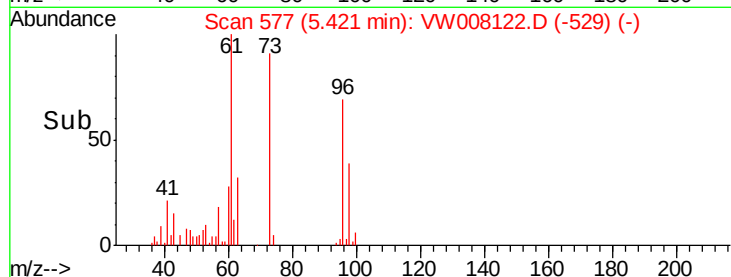
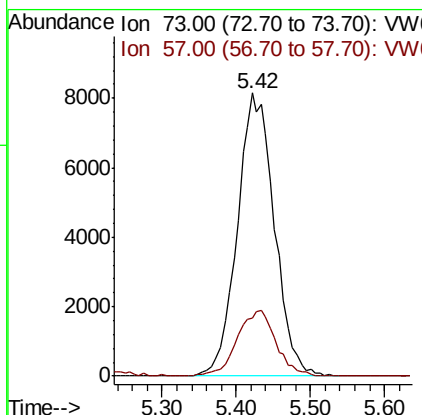
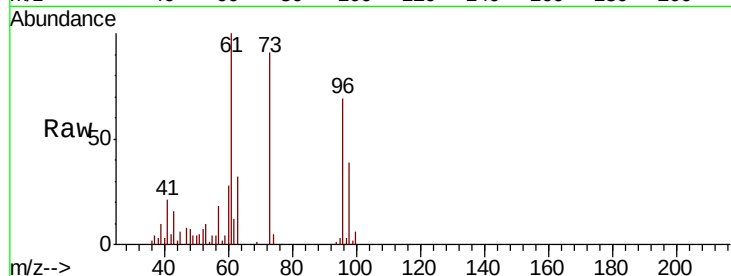




#19
Methyl tert-butyl Ether
Concen: 23.176 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

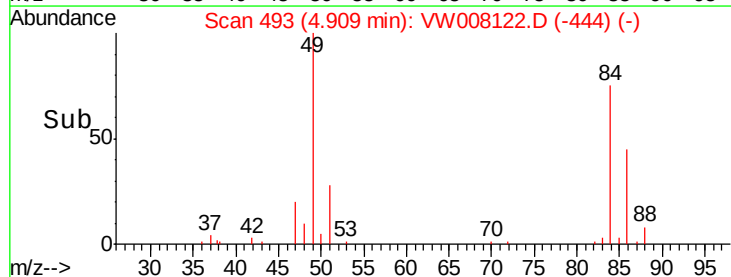
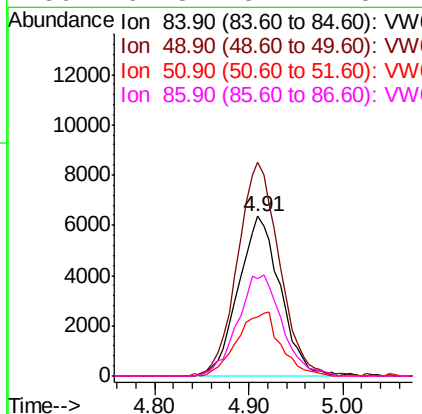
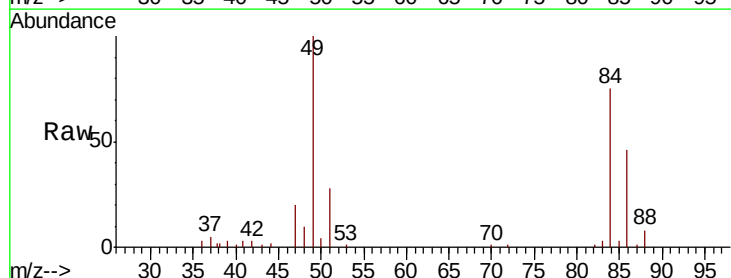
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

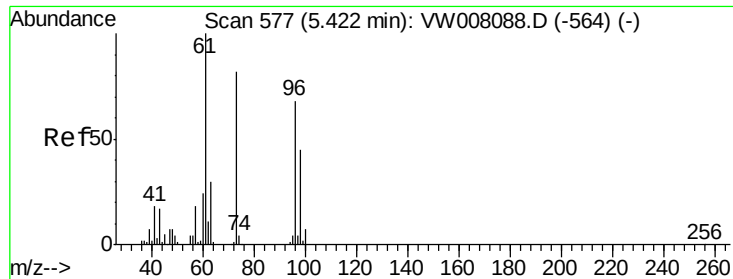
Tgt Ion: 73 Resp: 28266
Ion Ratio Lower Upper
73 100
57 20.3 16.7 25.1



#20
Methylene Chloride
Concen: 23.567 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 84 Resp: 19792
Ion Ratio Lower Upper
84 100
49 133.7 107.1 160.7
51 37.1 32.4 48.6
86 61.3 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 22.903 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

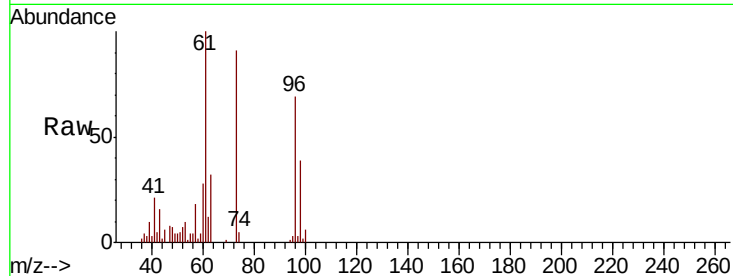
Tgt Ion: 96 Resp: 18672

Ion Ratio Lower Upper

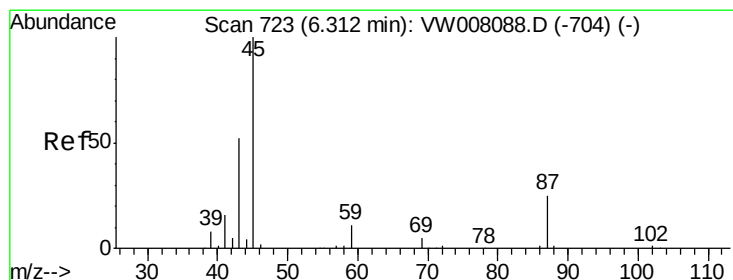
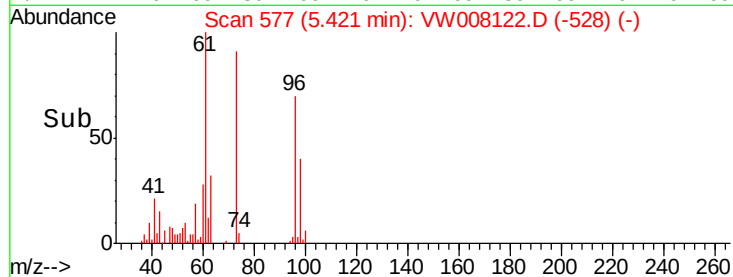
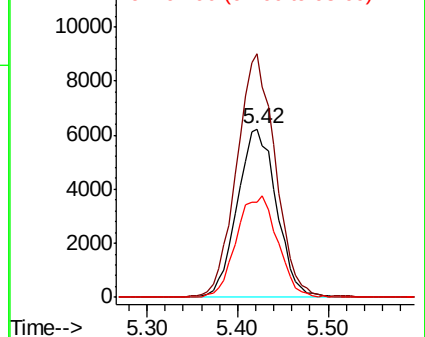
96 100

61 143.3 117.4 176.0

98 56.7 52.2 78.4



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



#22

Diisopropyl ether

Concen: 23.701 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion: 45 Resp: 61569

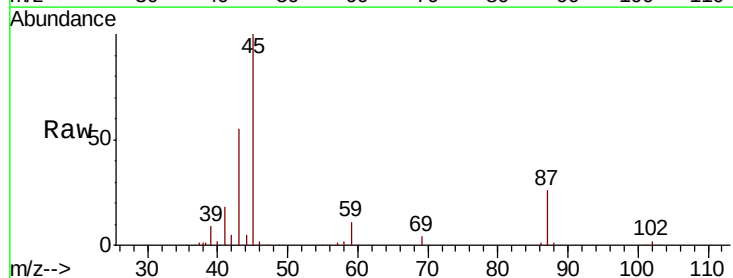
Ion Ratio Lower Upper

45 100

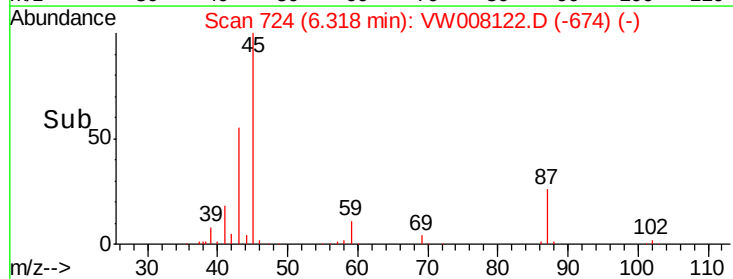
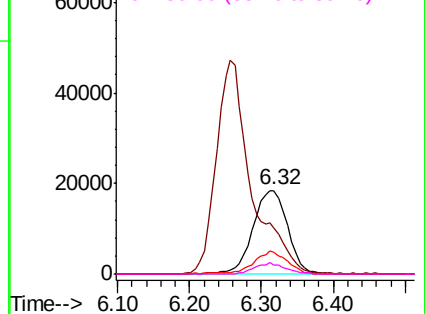
43 53.9 41.7 62.5

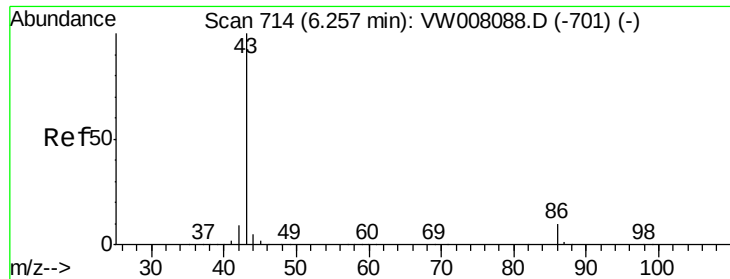
87 26.2 20.1 30.1

59 11.1 8.8 13.2



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





#23

Vinyl Acetate

Concen: 116.729 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

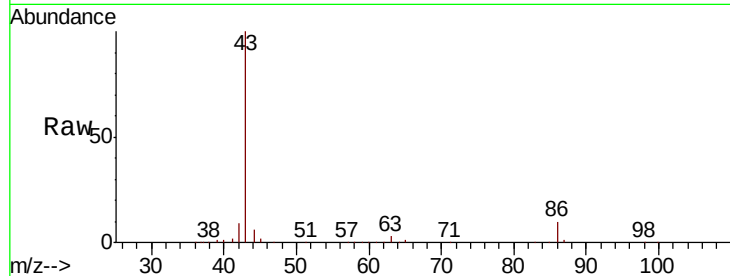
VW0109SBSD02

Tgt Ion: 43 Resp: 159257

Ion Ratio Lower Upper

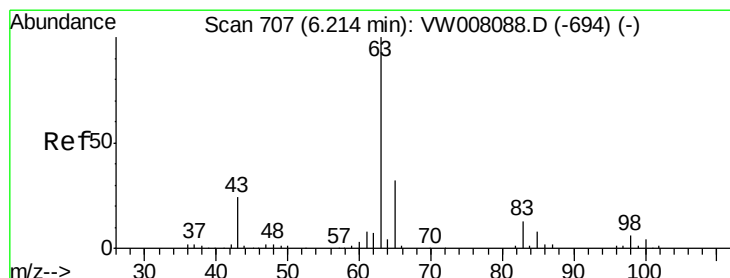
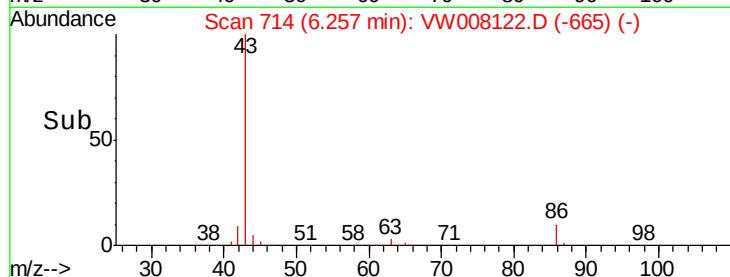
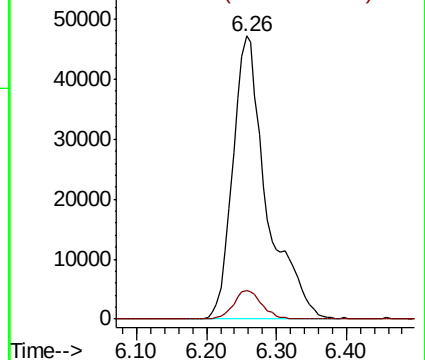
43 100

86 10.0 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: 22.713 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

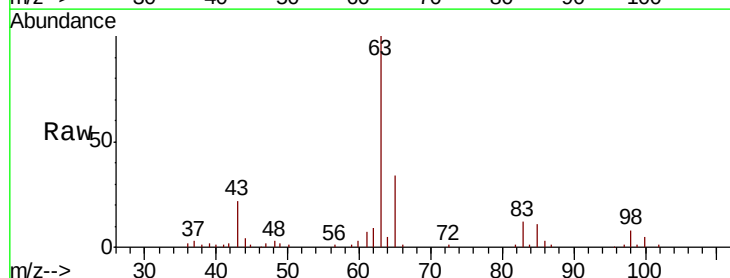
Tgt Ion: 63 Resp: 34379

Ion Ratio Lower Upper

63 100

98 8.1 3.2 9.6

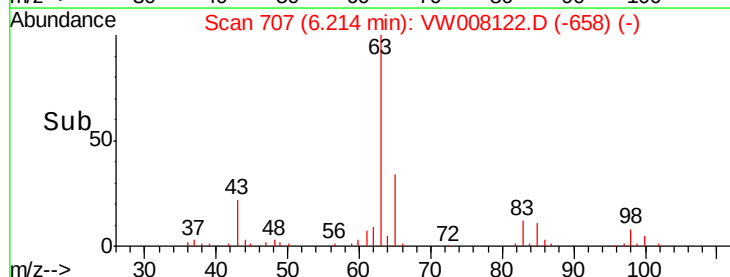
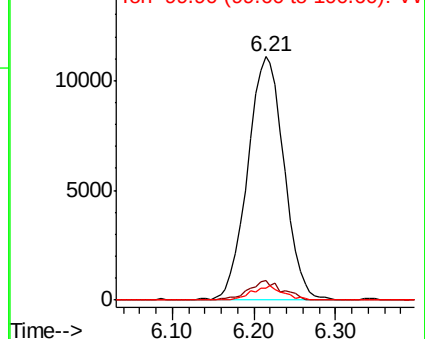
100 4.7 2.0 6.0

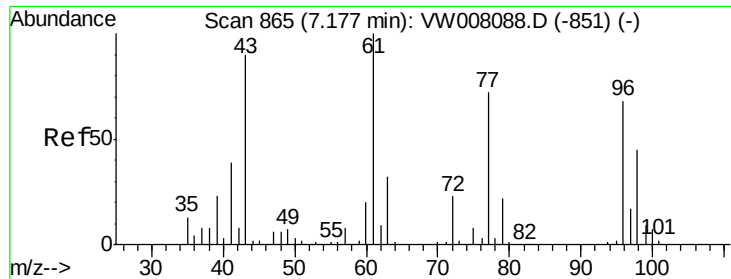


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

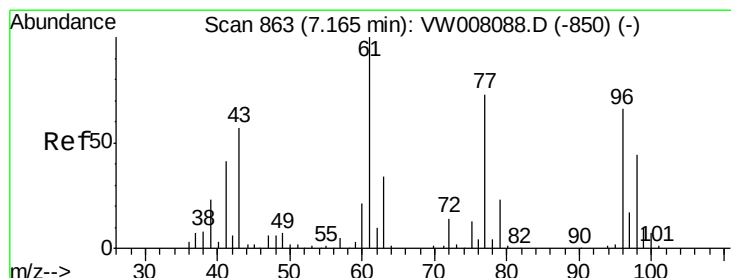
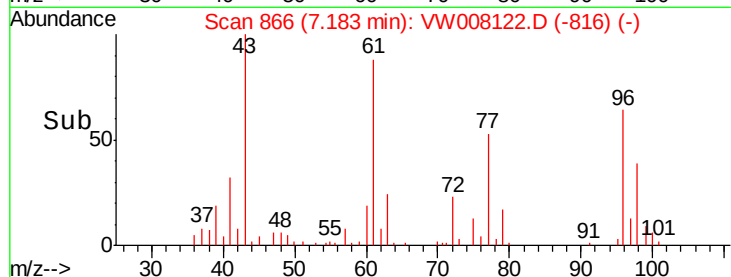
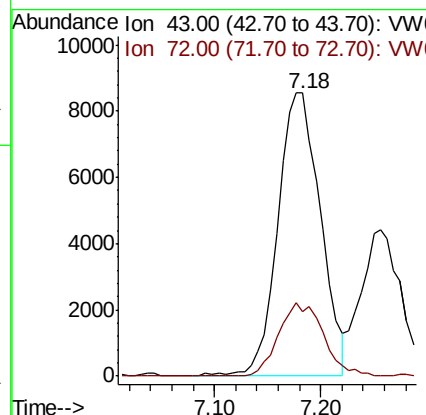
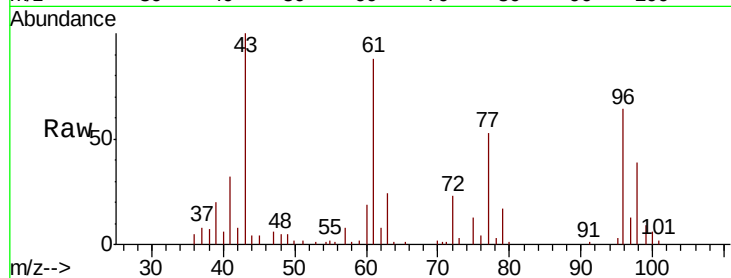




#25
2-Butanone
Concen: 110.380 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

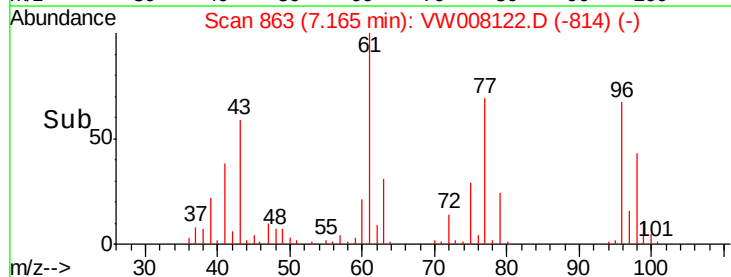
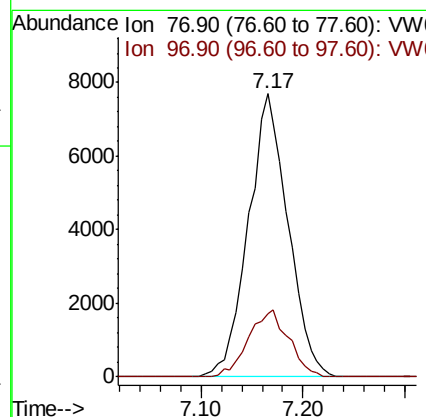
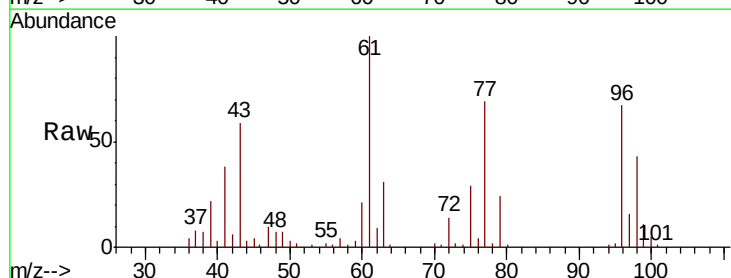
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

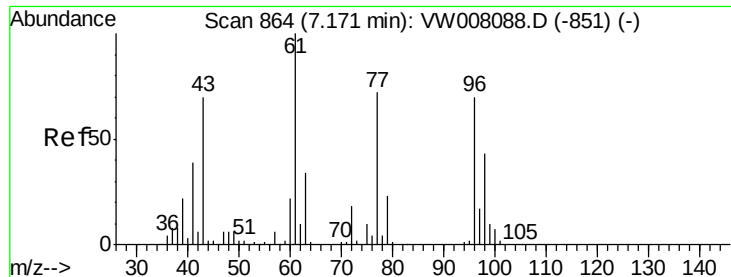
Tgt Ion: 43 Resp: 23646
Ion Ratio Lower Upper
43 100
72 22.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.321 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 77 Resp: 20841
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 22.781 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

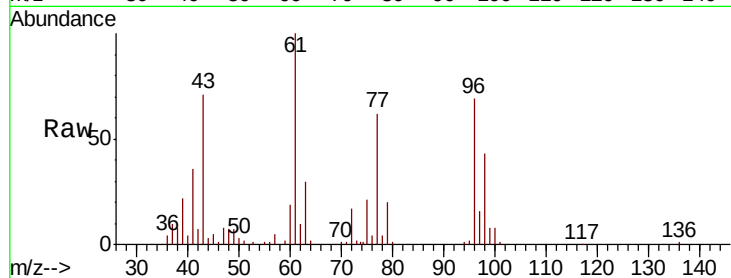
Tgt Ion: 96 Resp: 20264

Ion Ratio Lower Upper

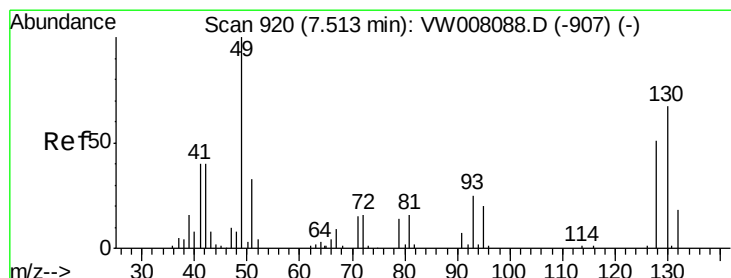
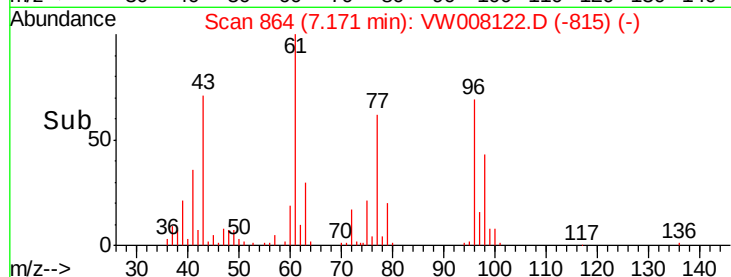
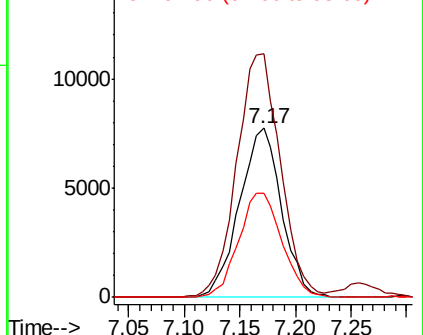
96 100

61 149.8 0.0 300.4

98 63.6 0.0 128.4



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



#28

Bromochloromethane

Concen: 22.750 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

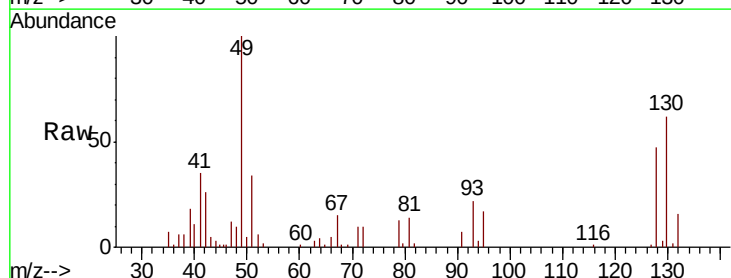
Tgt Ion: 49 Resp: 13620

Ion Ratio Lower Upper

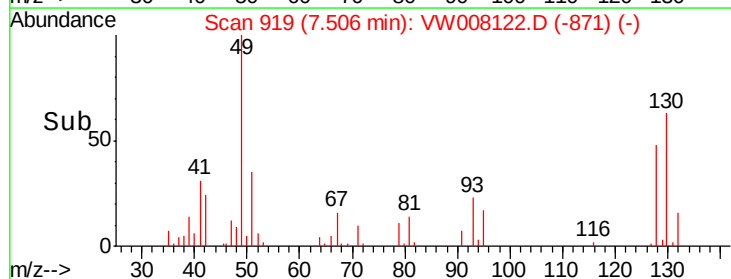
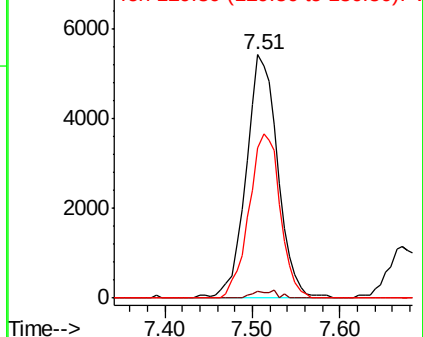
49 100

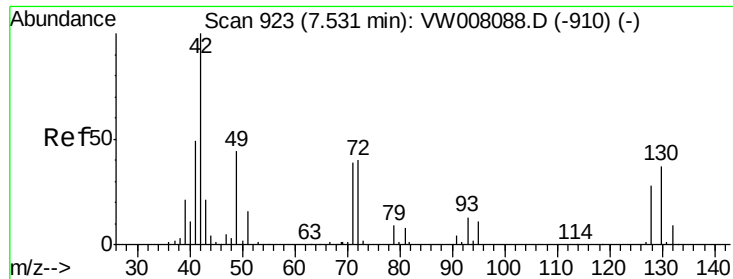
129 2.2 0.0 2.8

130 66.5 54.3 81.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

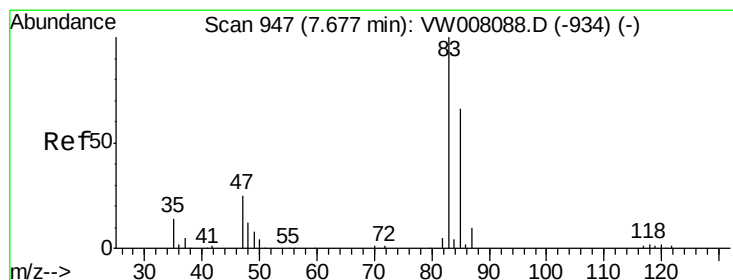
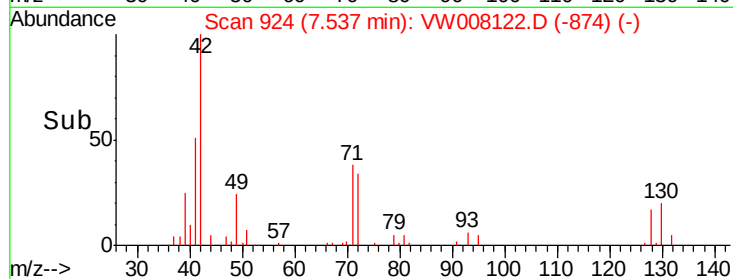
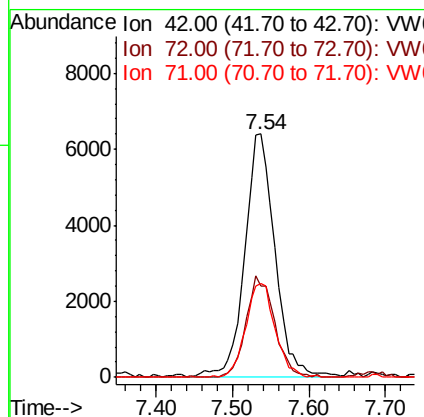
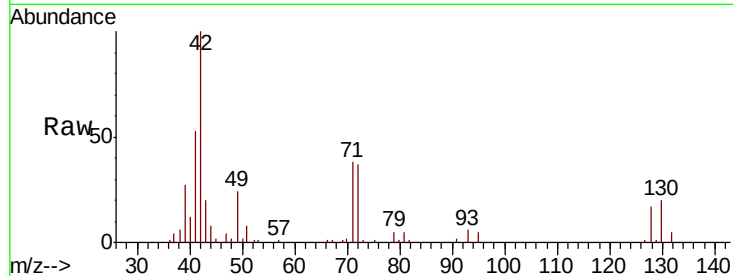




#29
Tetrahydrofuran
Concen: 123.209 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

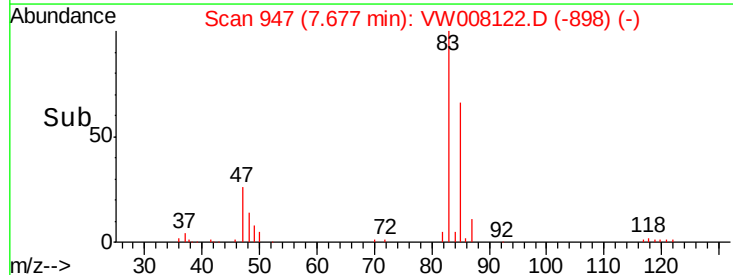
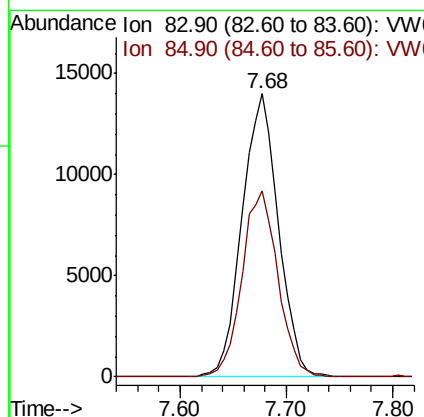
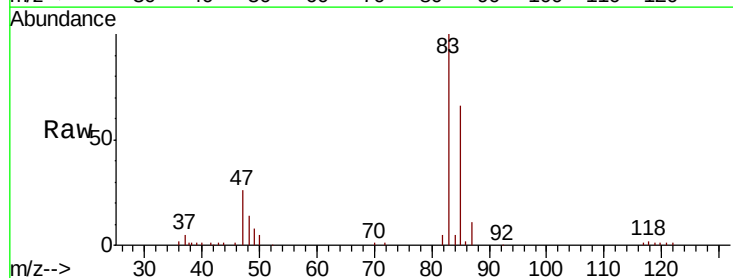
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

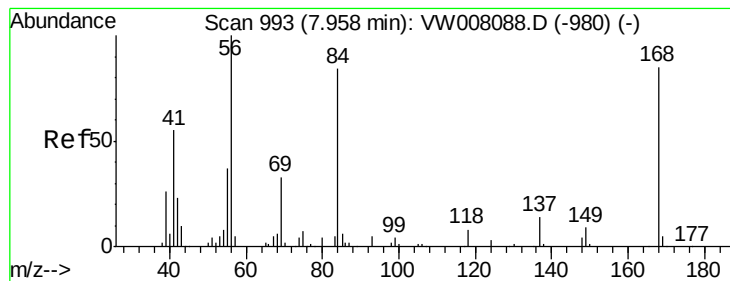
Tgt Ion: 42 Resp: 17631
Ion Ratio Lower Upper
42 100
72 39.1 32.4 48.6
71 37.6 31.3 46.9



#30
Chloroform
Concen: 23.322 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 83 Resp: 33600
Ion Ratio Lower Upper
83 100
85 65.5 53.2 79.8





#31

Cyclohexane

Concen: 20.082 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

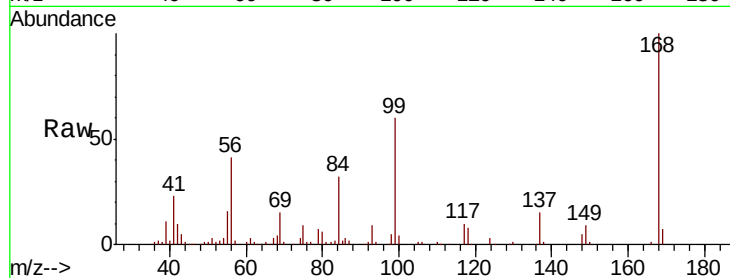
Tgt Ion: 56 Resp: 32540

Ion Ratio Lower Upper

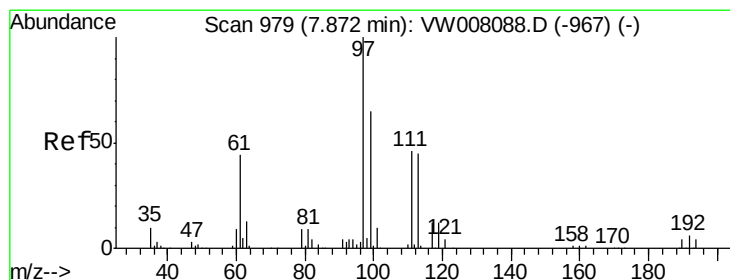
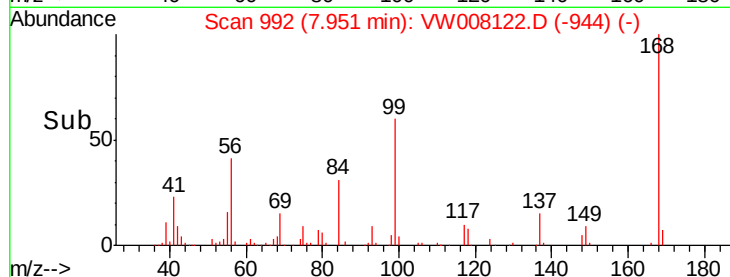
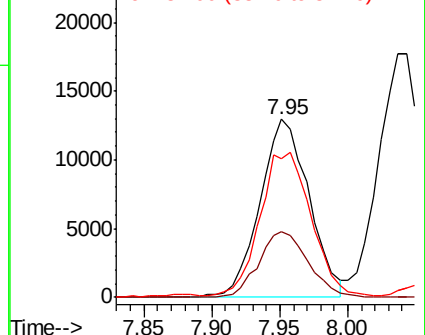
56 100

69 37.2 26.2 39.4

84 76.6 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 21.593 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

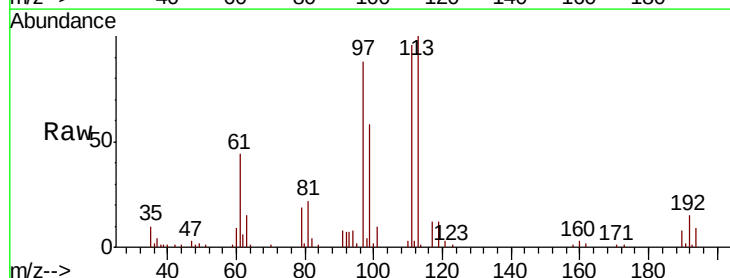
Tgt Ion: 97 Resp: 27069

Ion Ratio Lower Upper

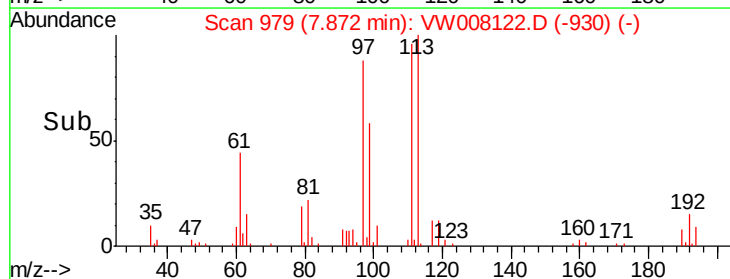
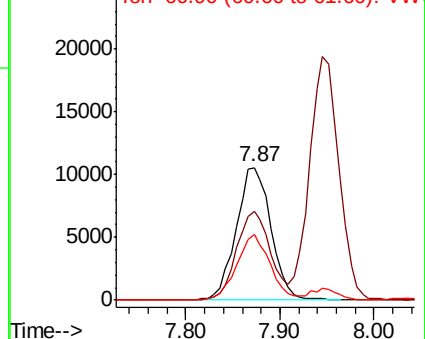
97 100

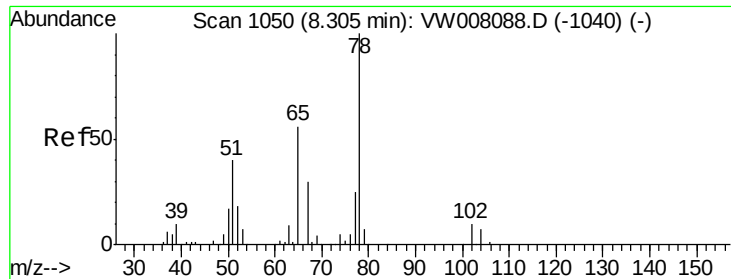
99 65.7 51.4 77.0

61 47.7 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

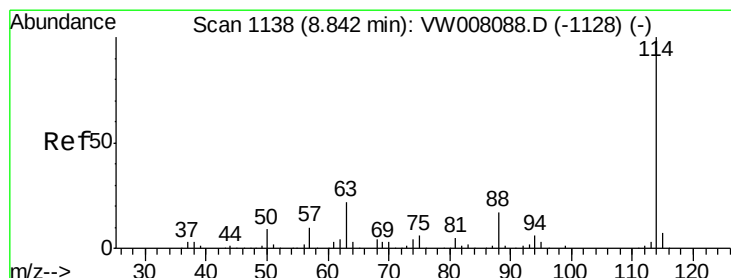
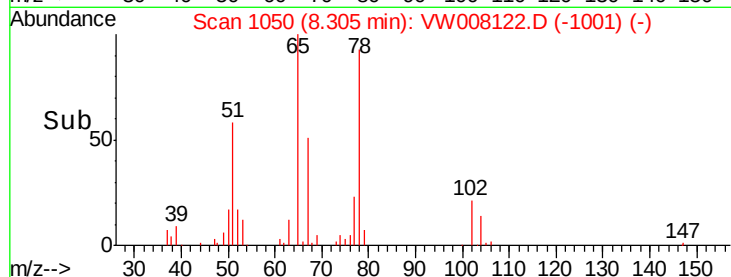
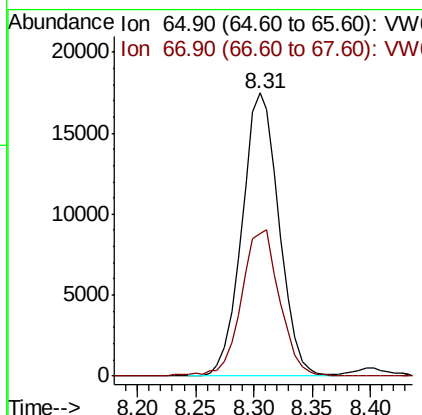
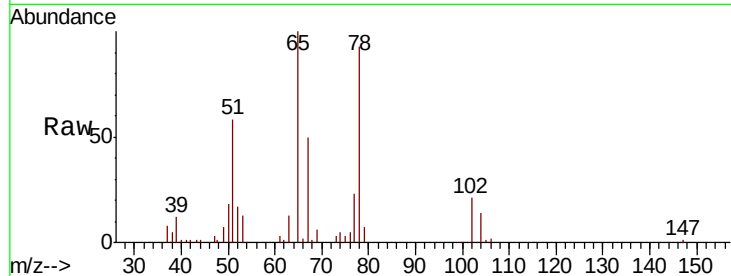




#33
 1,2-Dichloroethane-d4
 Concen: 50.293 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

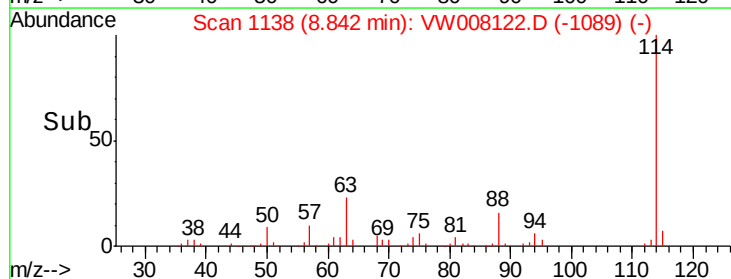
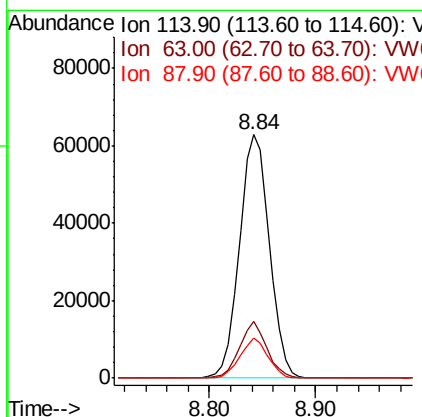
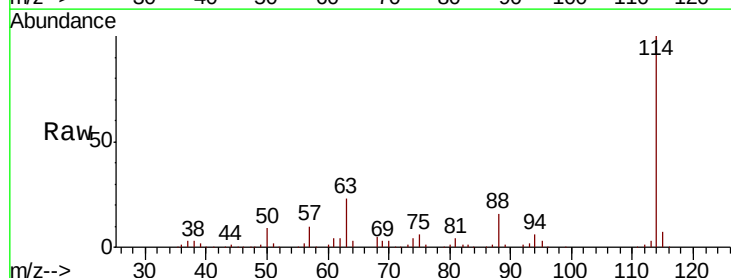
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

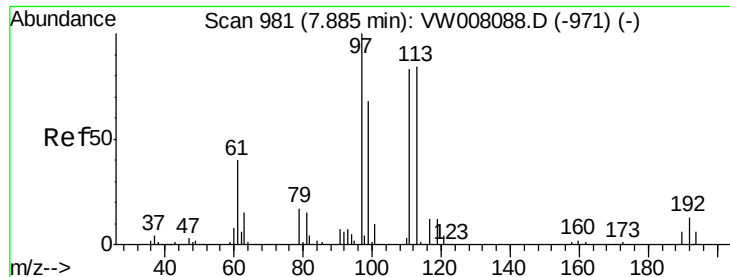
Tgt Ion: 65 Resp: 38723
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 114 Resp: 124145
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 43.4
 88 16.3 0.0 33.4

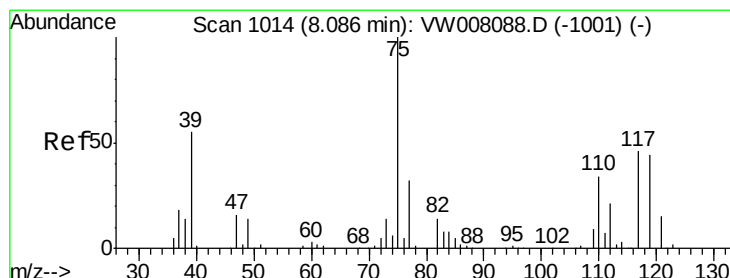
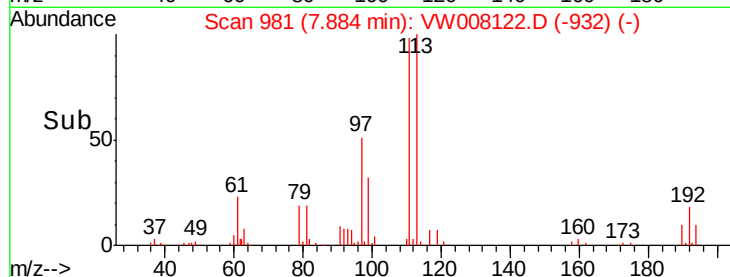
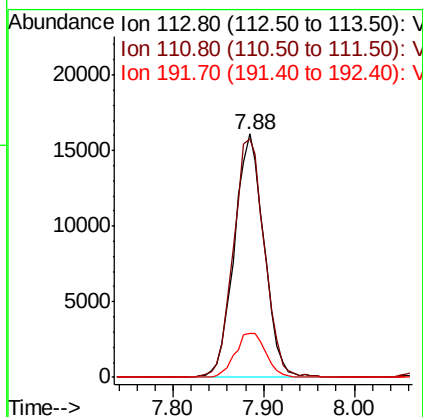
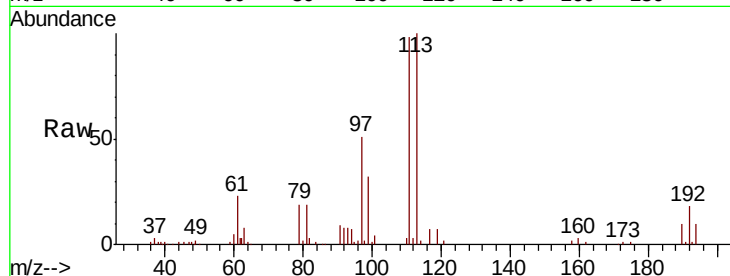




#35
 Dibromofluoromethane
 Concen: 50.416 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

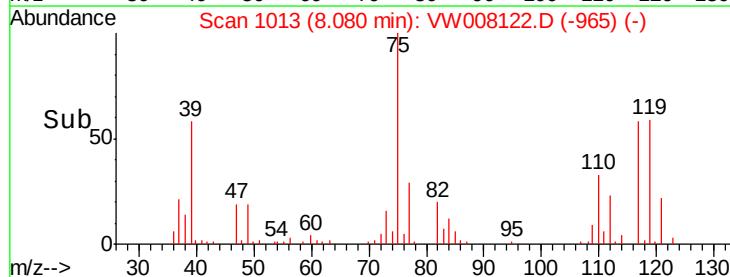
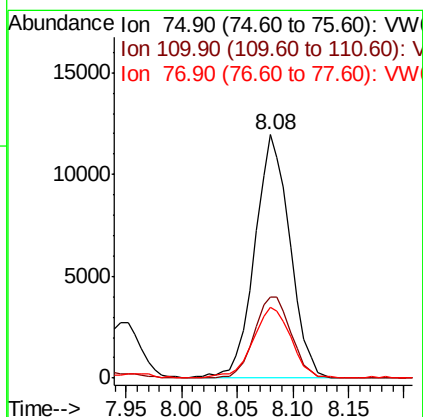
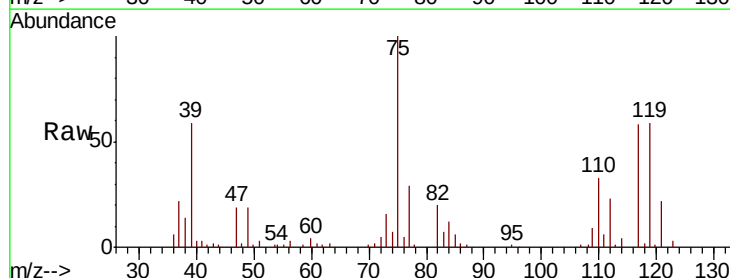
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

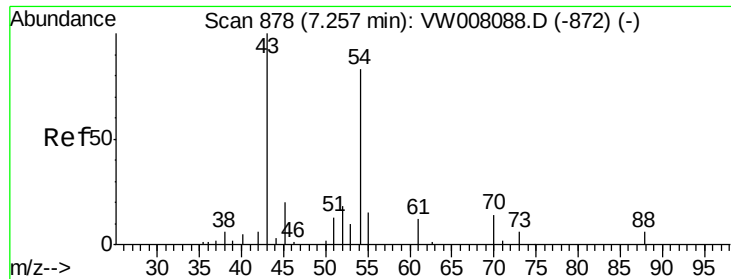
Tgt Ion: 113 Resp: 36504
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 18.6 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 20.567 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 75 Resp: 26301
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.1 51.3
 77 31.5 25.5 38.3





#37

Ethyl Acetate

Concen: 22.817 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

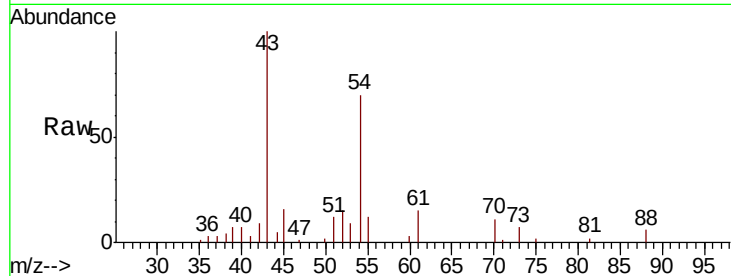
Tgt Ion: 43 Resp: 11690

Ion Ratio Lower Upper

43 100

61 13.7 10.6 16.0

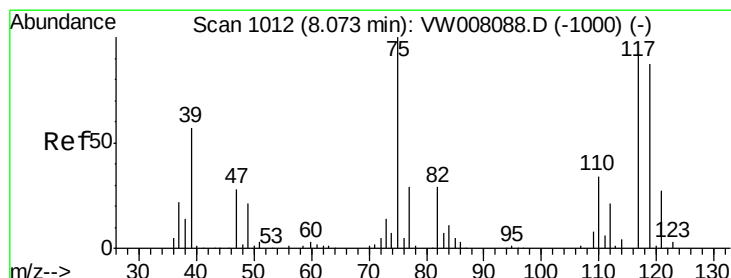
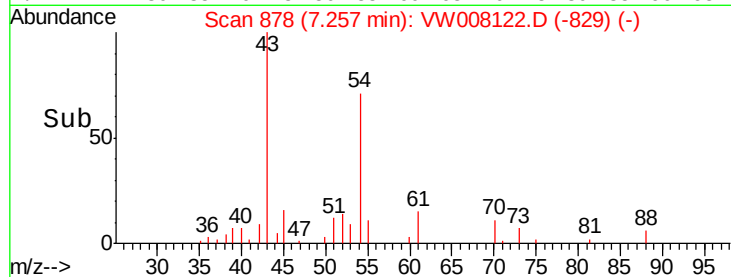
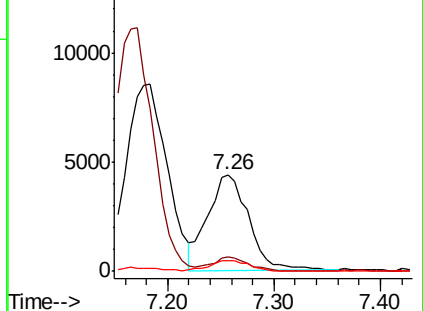
70 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 21.310 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

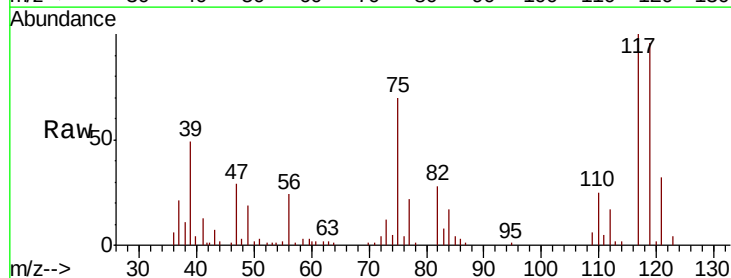
Tgt Ion: 117 Resp: 24943

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

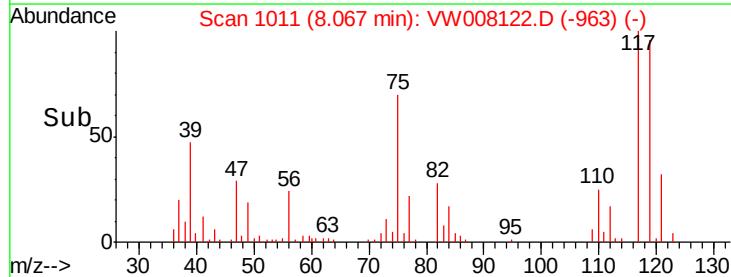
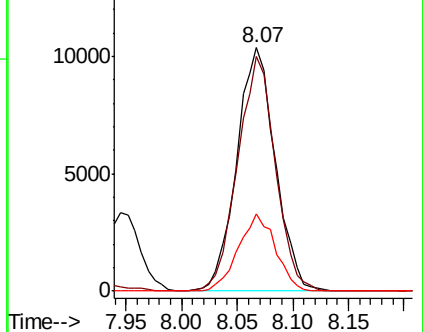
121 31.7 23.7 35.5

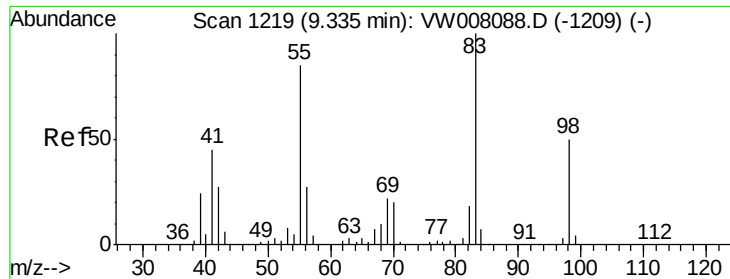


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

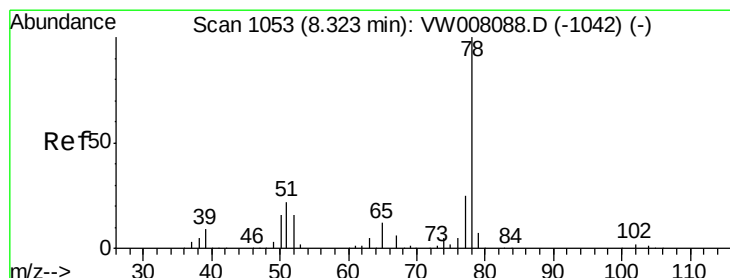
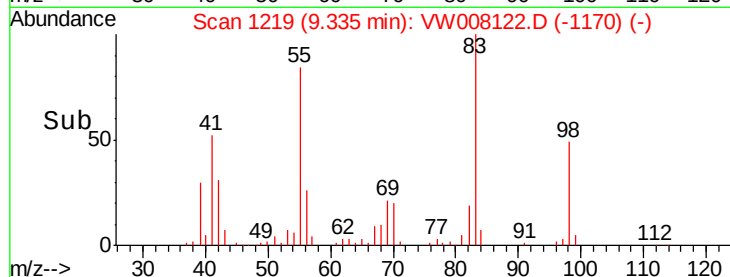
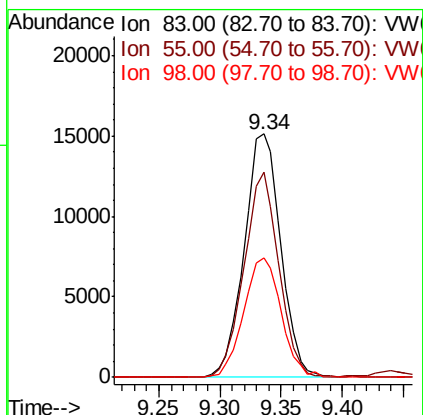
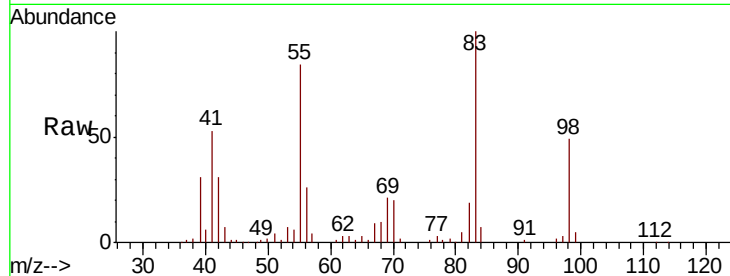




#39
Methylcyclohexane
Concen: 19.402 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

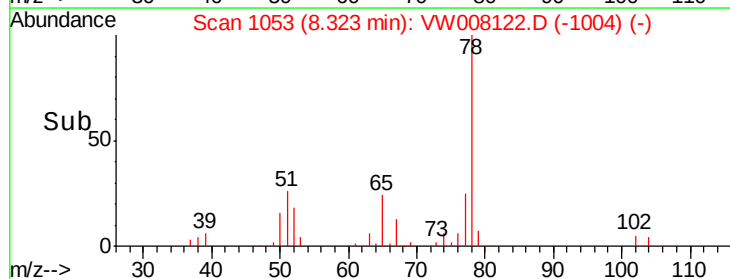
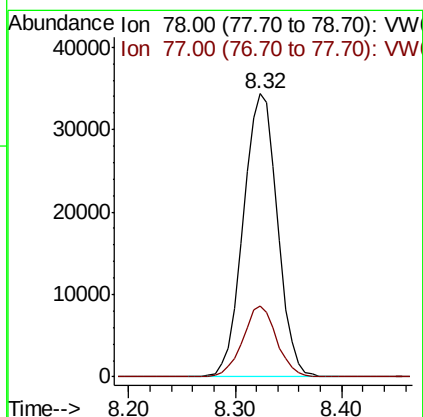
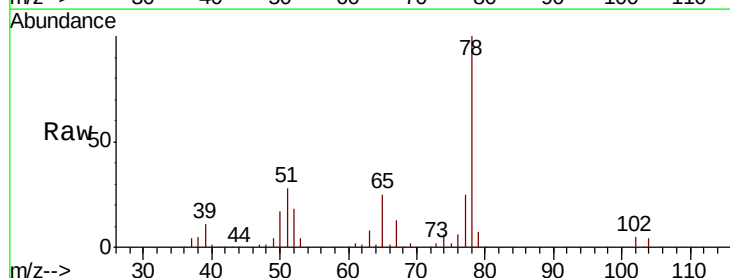
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

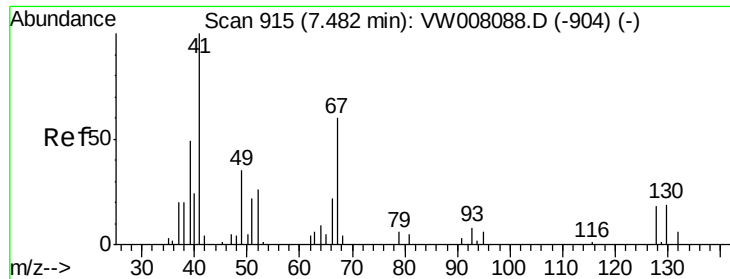
Tgt Ion: 83 Resp: 31460
Ion Ratio Lower Upper
83 100
55 84.3 67.8 101.6
98 48.9 40.2 60.4



#40
Benzene
Concen: 22.293 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 78 Resp: 77325
Ion Ratio Lower Upper
78 100
77 24.9 20.2 30.4

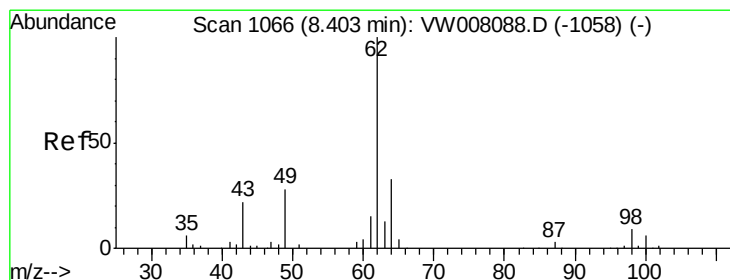
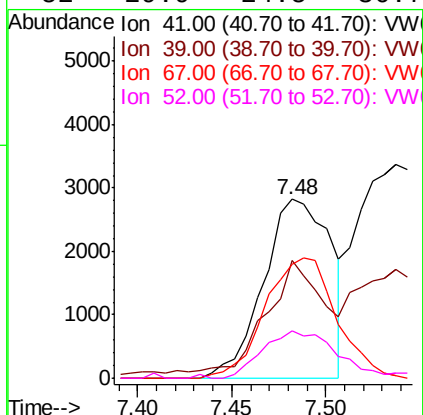
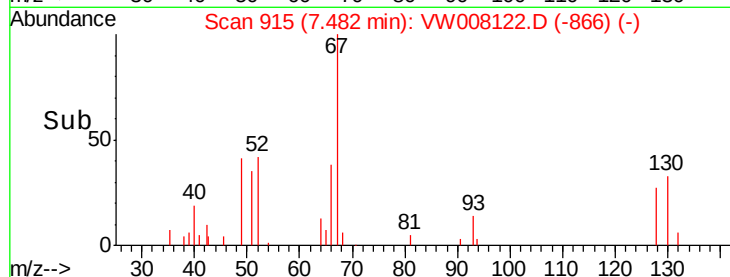
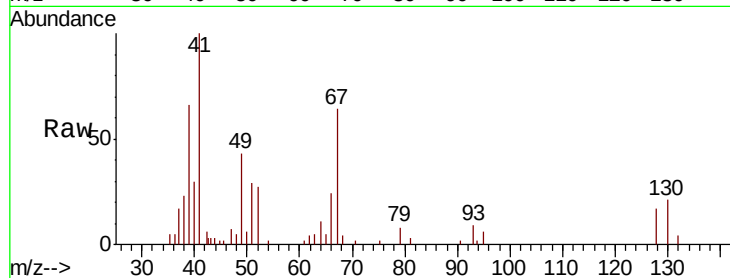




#41
Methacrylonitrile
Concen: 21.629 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

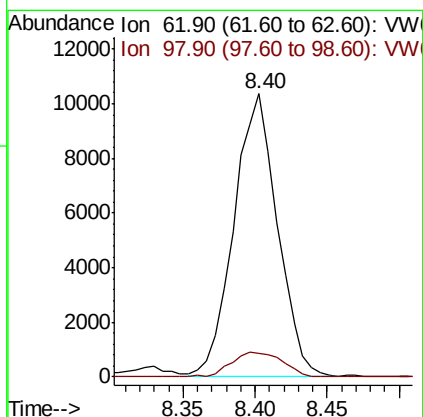
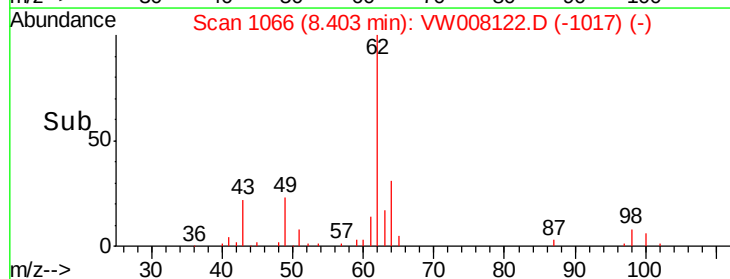
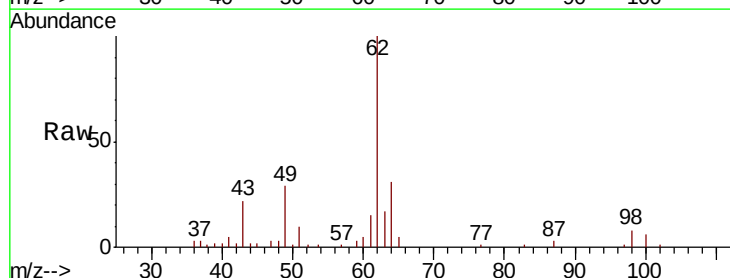
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

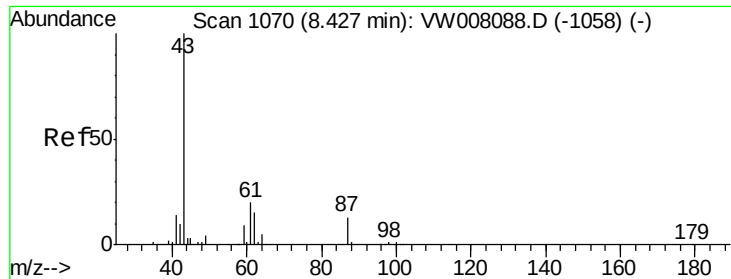
Tgt Ion:	41	Resp:	7000
Ion	Ratio	Lower	Upper
41	100		
39	54.9	47.9	71.9
67	70.6	56.3	84.5
52	29.9	24.5	36.7



#42
1,2-Dichloroethane
Concen: 22.338 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion:	62	Resp:	21792
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 22.439 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

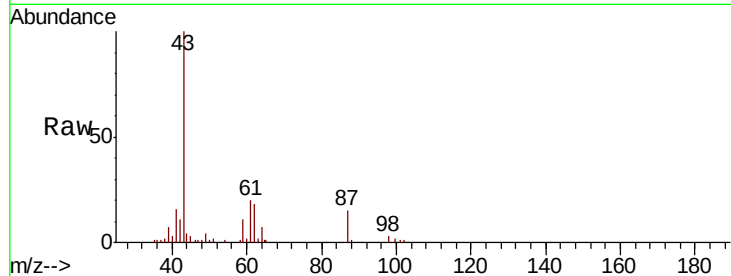
Tgt Ion: 43 Resp: 22985

Ion Ratio Lower Upper

43 100

61 31.2 24.8 37.2

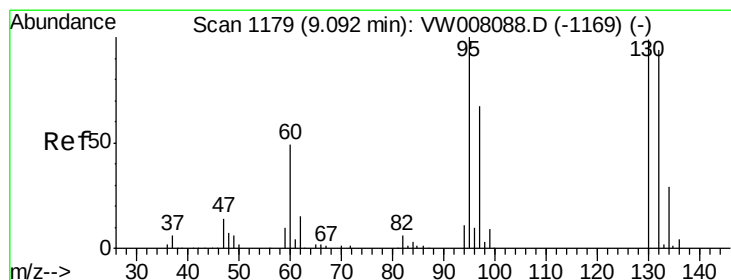
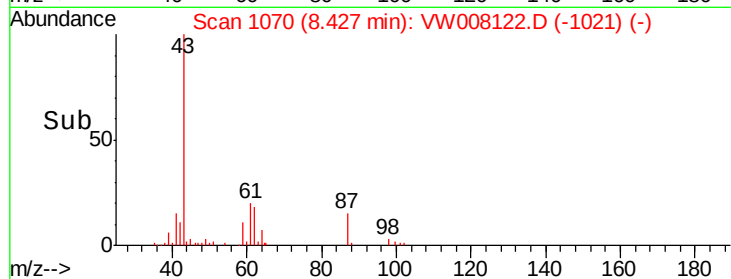
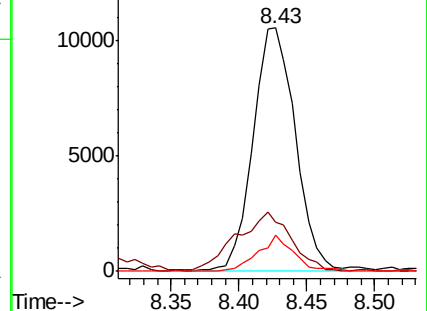
87 12.6 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 22.188 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008122.D

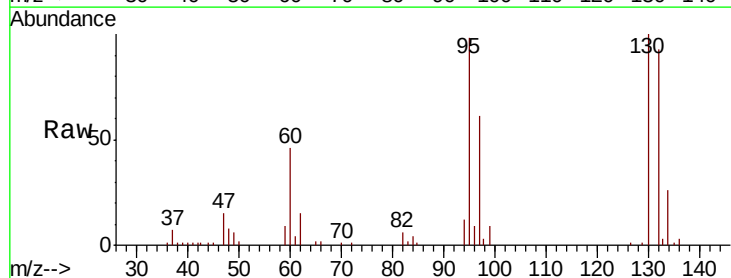
Acq: 10 Jan 2019 01:25

Tgt Ion: 130 Resp: 19701

Ion Ratio Lower Upper

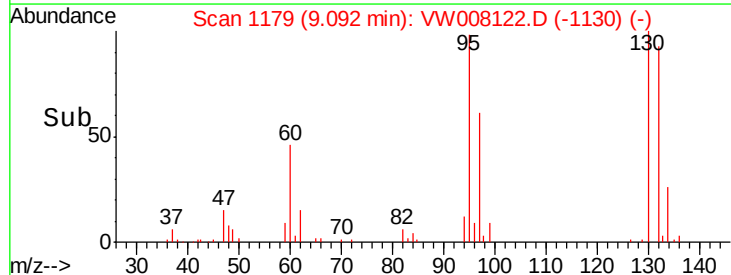
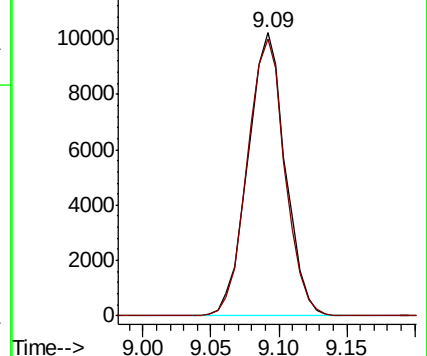
130 100

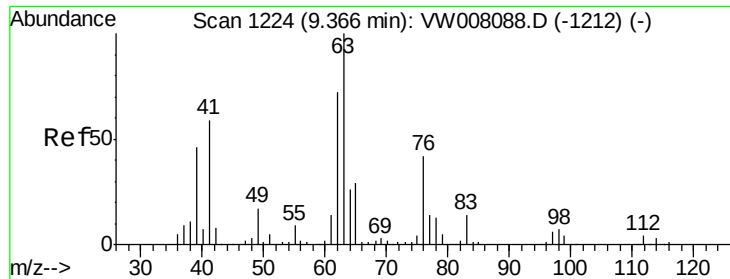
95 97.7 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

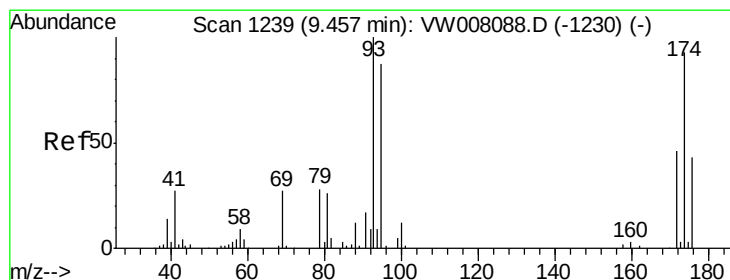
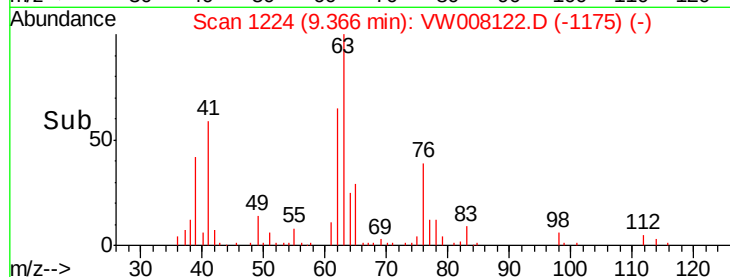
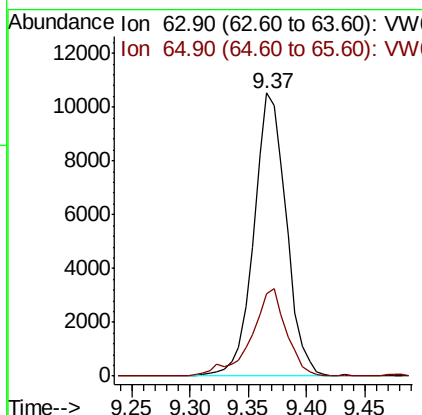
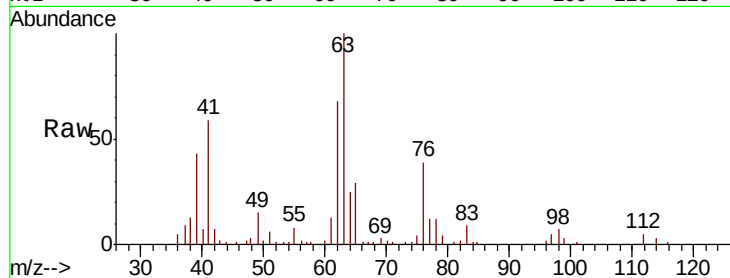




#45
 1,2-Dichloropropane
 Concen: 23.730 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

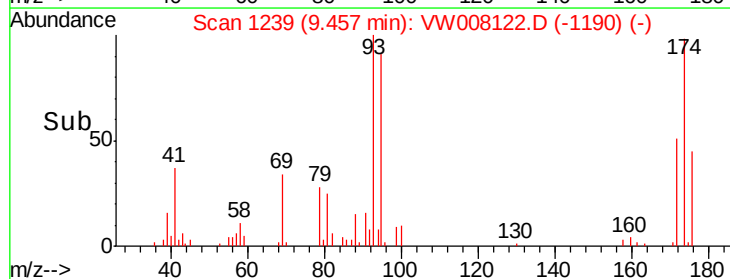
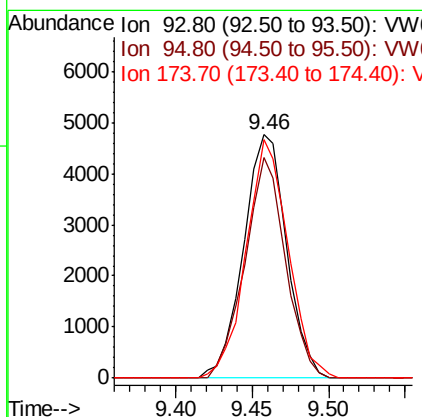
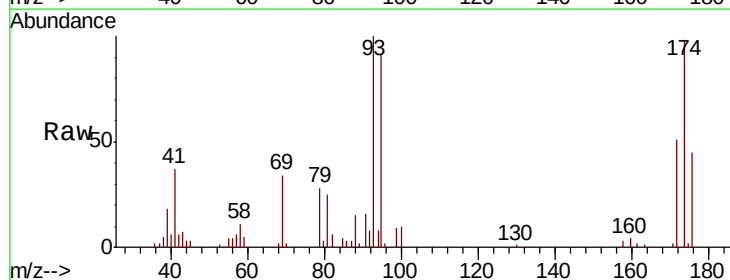
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

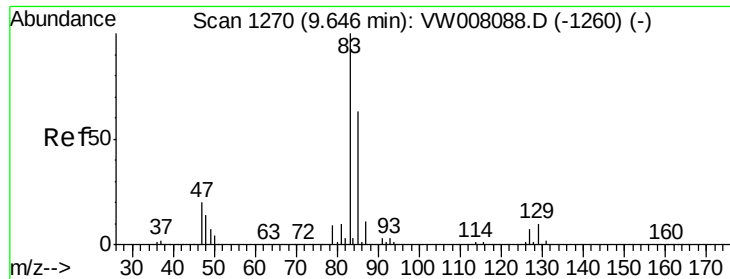
Tgt Ion: 63 Resp: 20409
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.3 34.9



#46
 Dibromomethane
 Concen: 22.073 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 93 Resp: 9323
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.5 101.3
 174 95.2 72.5 108.7





#47

Bromodichloromethane

Concen: 22.978 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

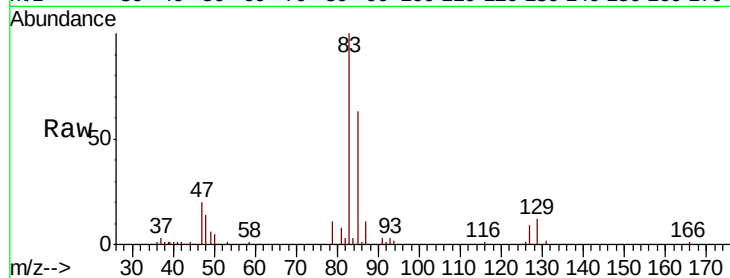
Tgt Ion: 83 Resp: 24644

Ion Ratio Lower Upper

83 100

85 63.0 50.7 76.1

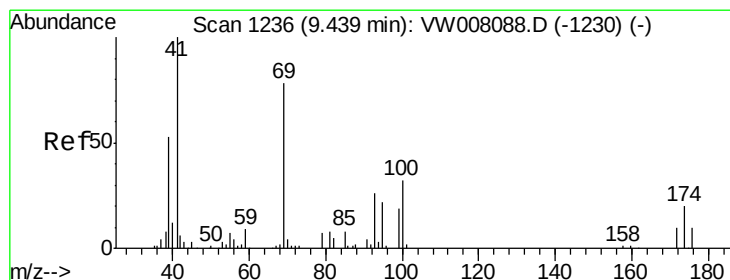
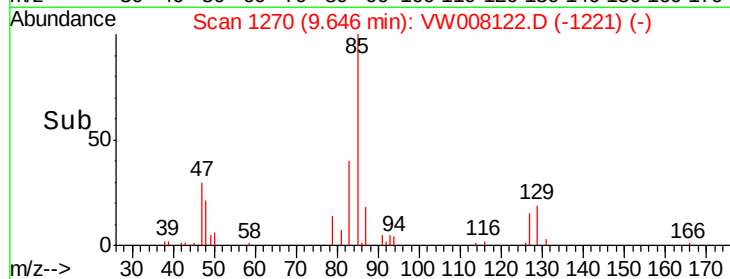
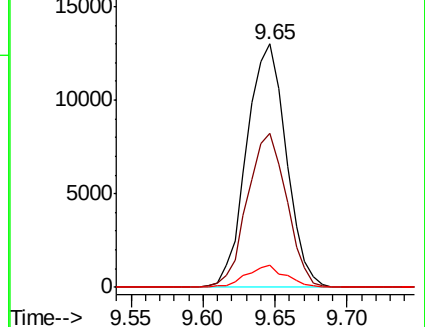
127 9.3 6.0 9.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 22.081 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

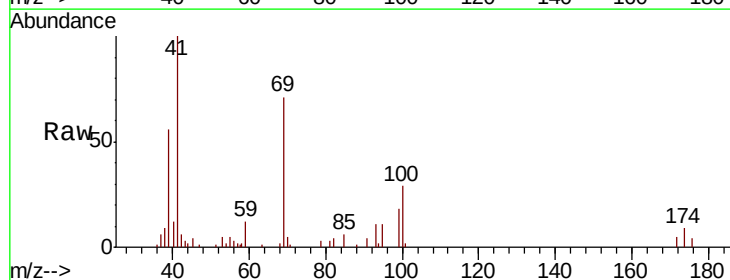
Tgt Ion: 41 Resp: 10673

Ion Ratio Lower Upper

41 100

69 84.0 61.9 92.9

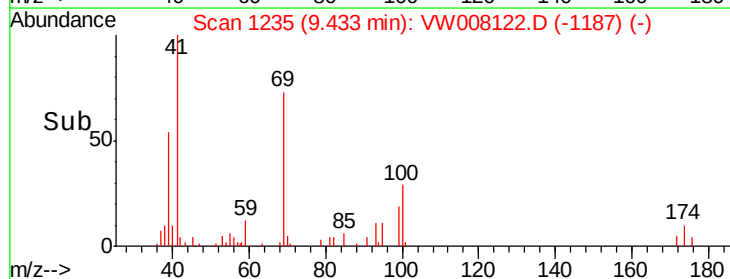
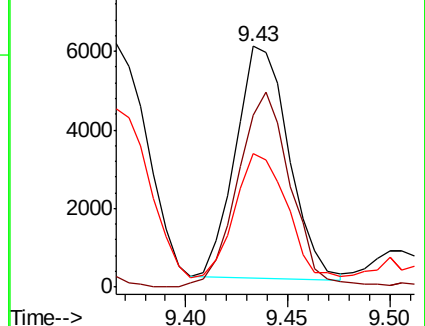
39 58.9 43.0 64.4

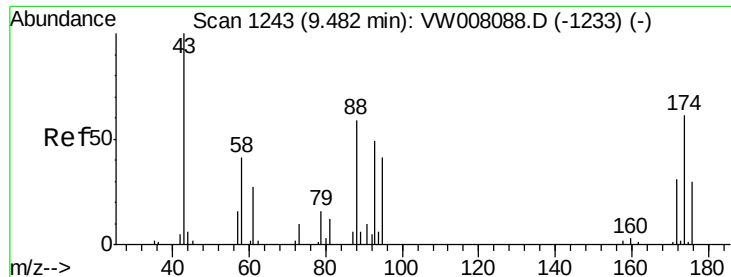


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

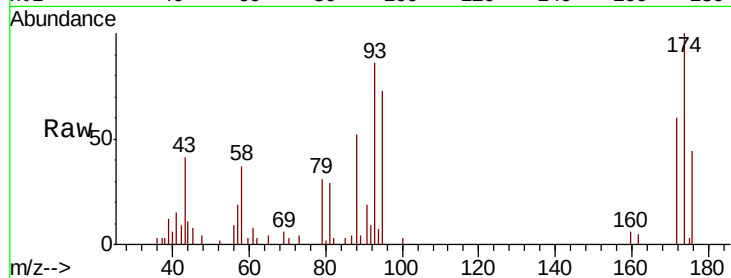




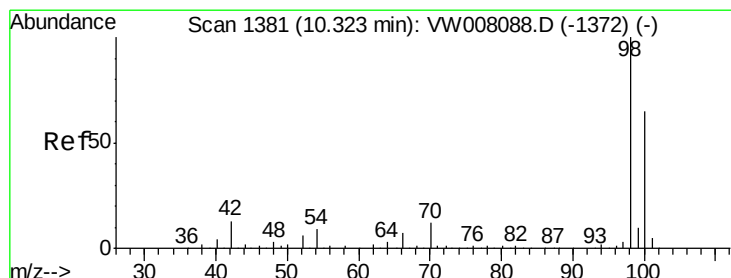
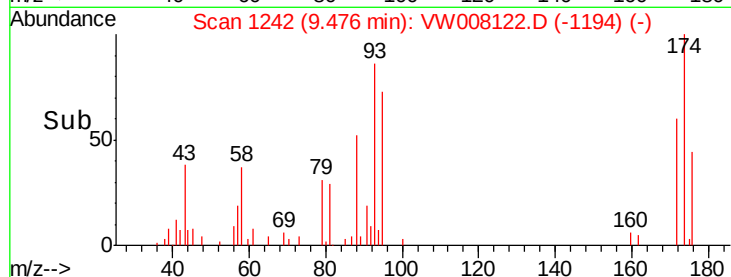
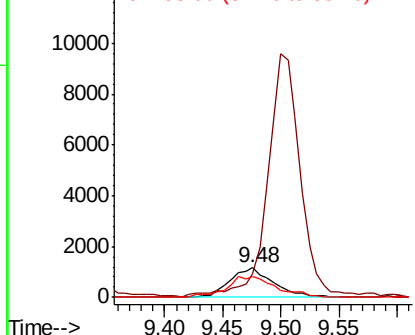
#49
1,4-Dioxane
Concen: 441.957 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

Tgt Ion: 88 Resp: 3002
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 79.2 61.7 92.5

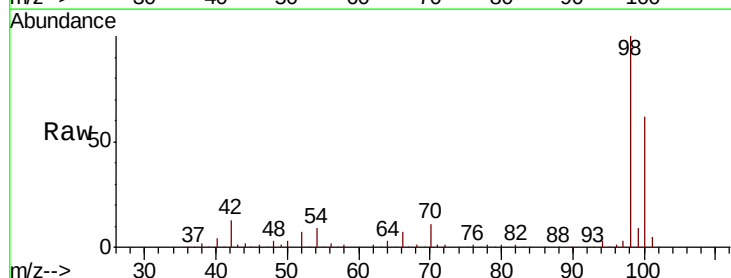


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

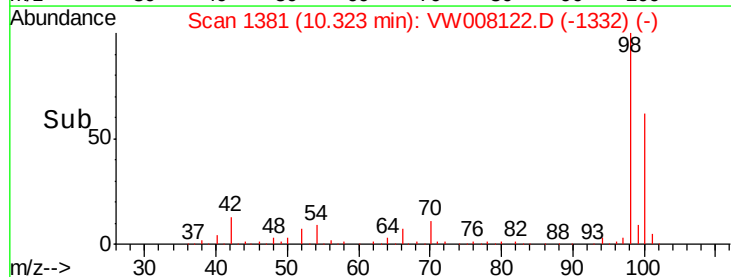
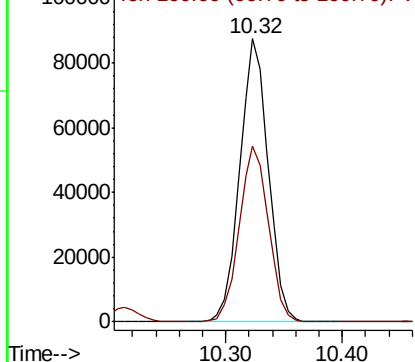


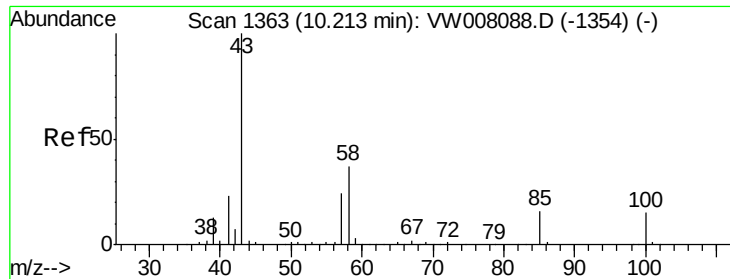
#50
Toluene-d8
Concen: 49.015 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 98 Resp: 148929
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



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

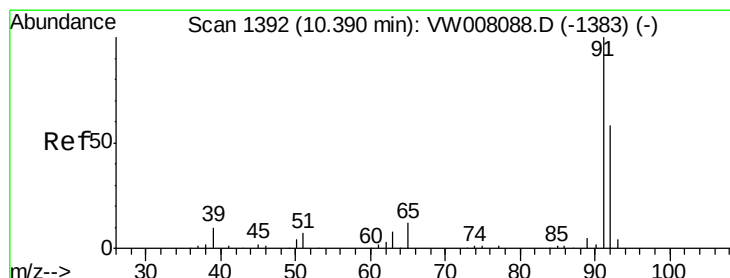
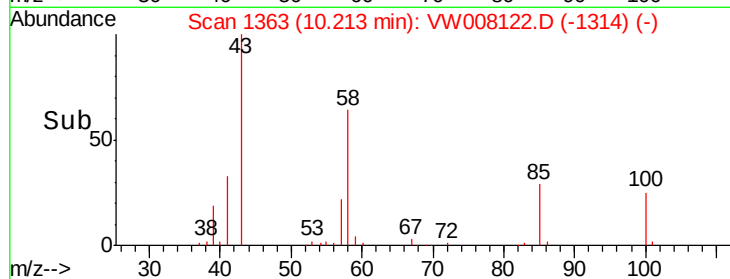
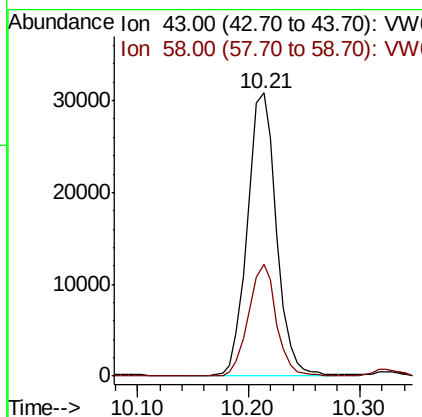
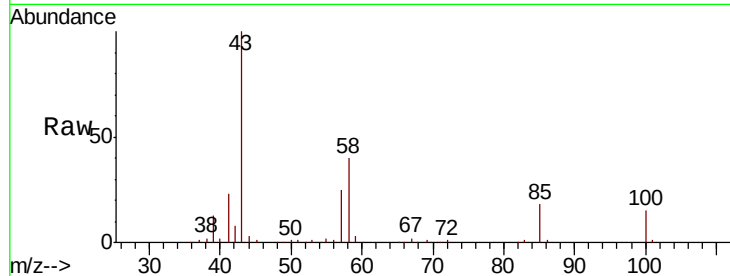




#51
4-Methyl-2-Pentanone
Concen: 113.268 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

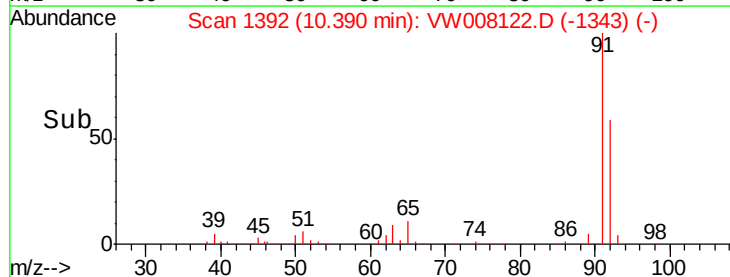
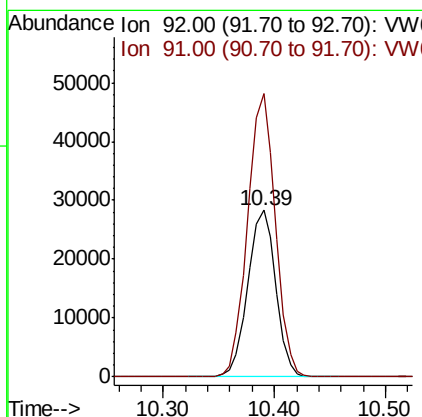
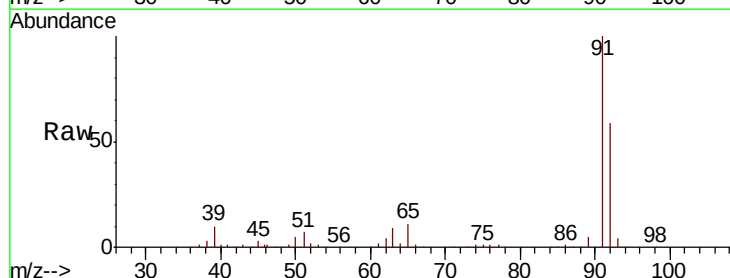
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

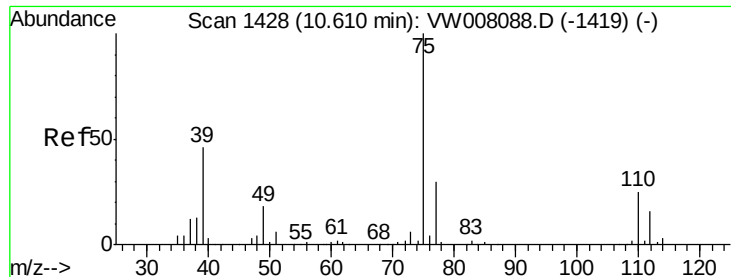
Tgt Ion: 43 Resp: 56163
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0



#52
Toluene
Concen: 22.347 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 92 Resp: 49502
Ion Ratio Lower Upper
92 100
91 168.9 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 21.712 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

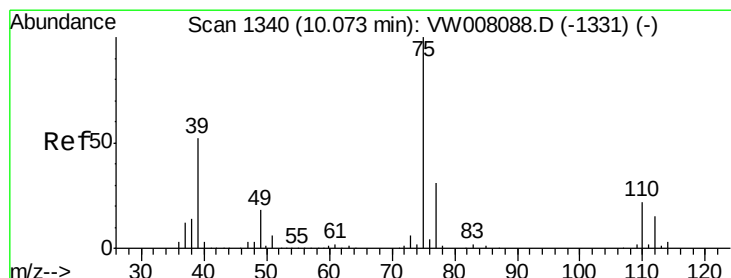
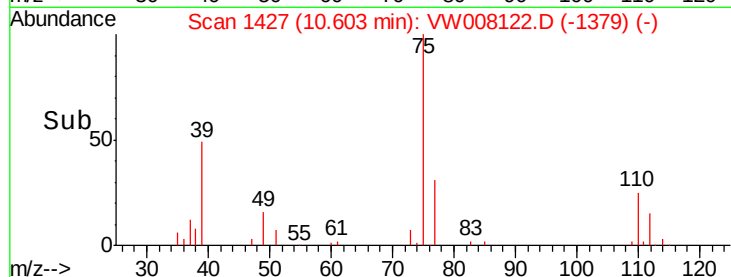
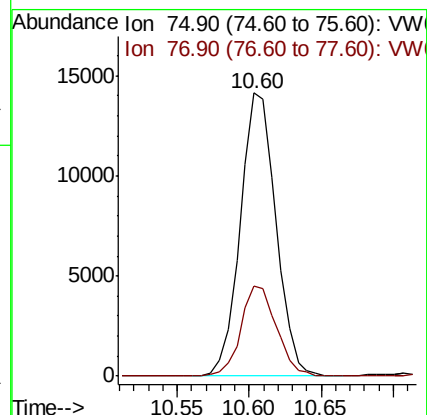
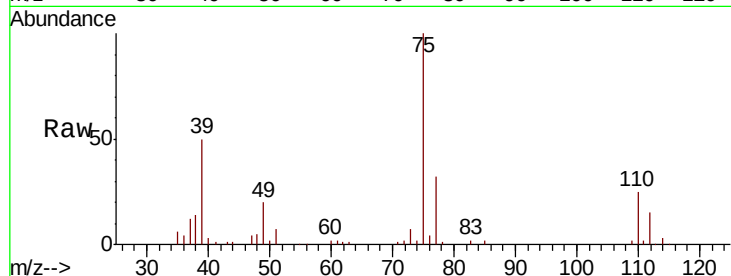
VW0109SBSD02

Tgt Ion: 75 Resp: 24221

Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 21.611 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

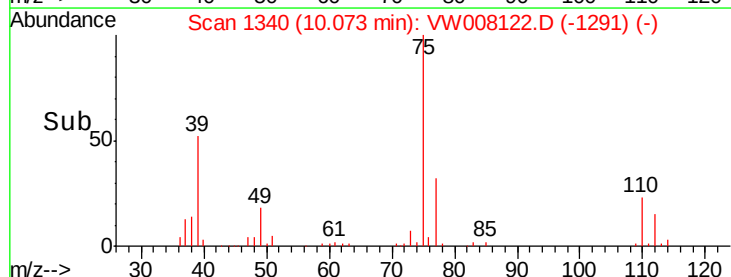
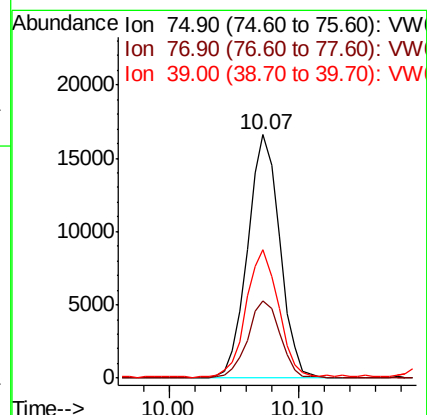
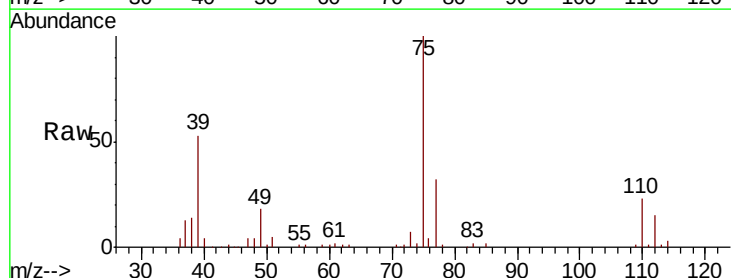
Tgt Ion: 75 Resp: 28588

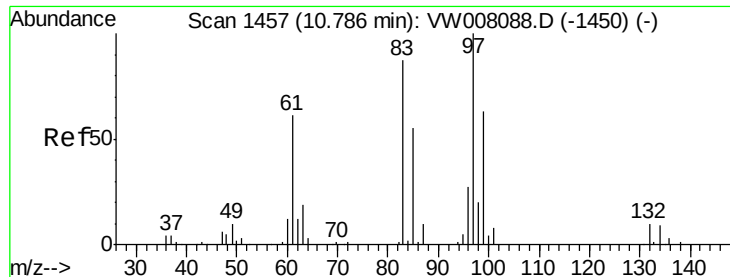
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 52.7 41.4 62.0

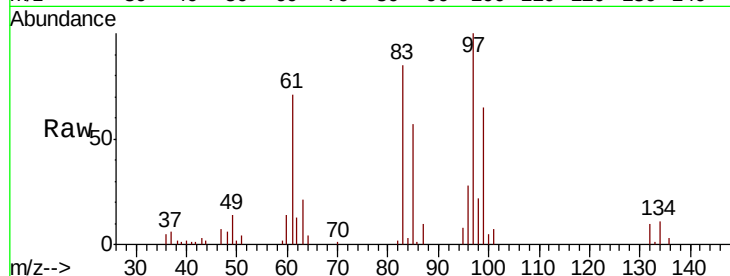




#55
 1,1,2-Trichloroethane
 Concen: 22.843 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

Tgt Ion:	97	Resp:	13546
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.3	103.9
85	57.4	43.8	65.6
99	65.2	50.0	75.0



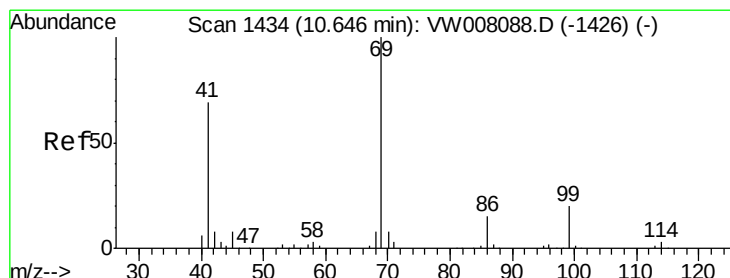
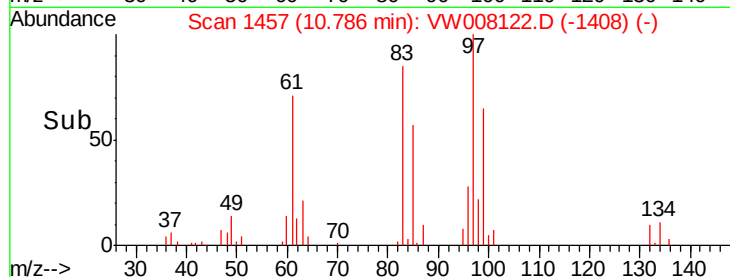
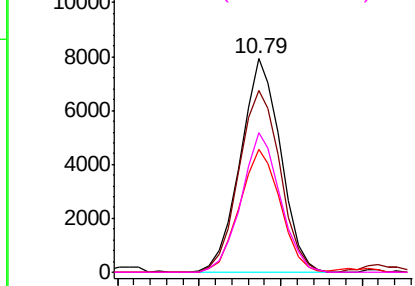
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

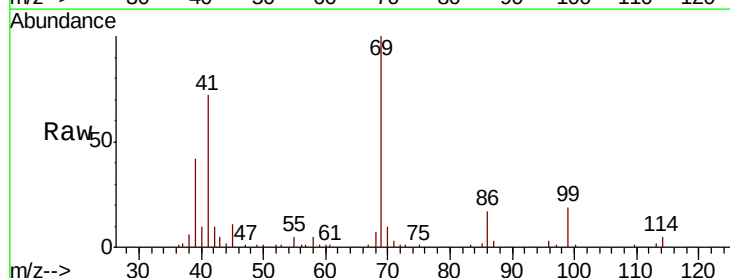
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 22.051 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion:	69	Resp:	16194
Ion	Ratio	Lower	Upper
69	100		
41	74.0	56.4	84.6
39	38.5	28.1	42.1

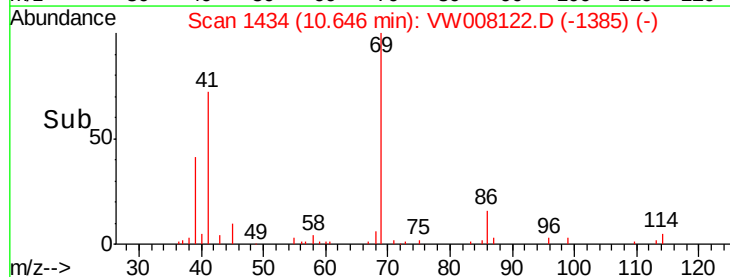
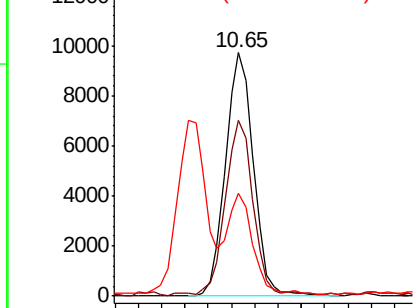


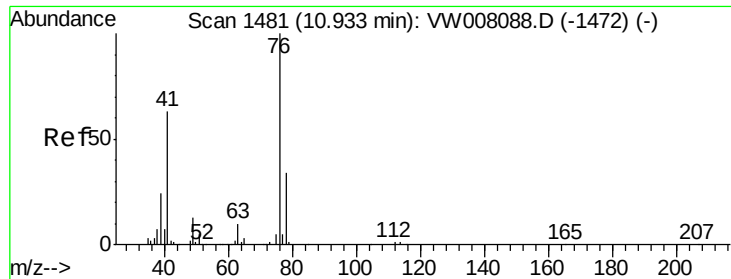
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

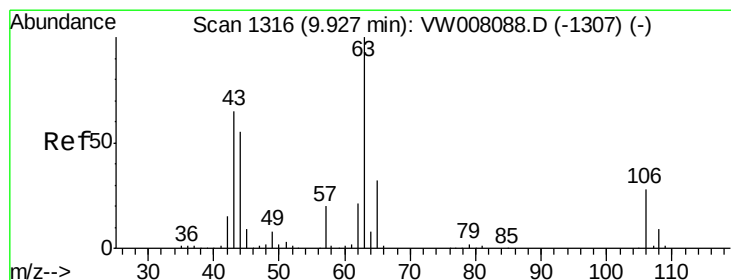
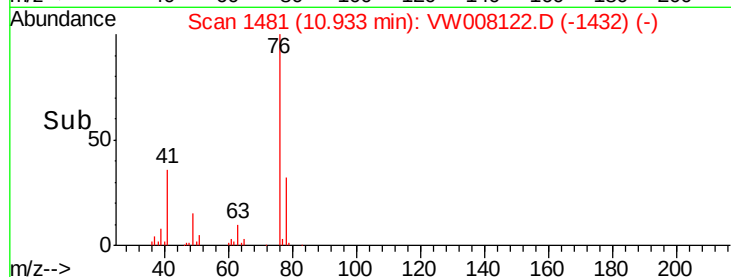
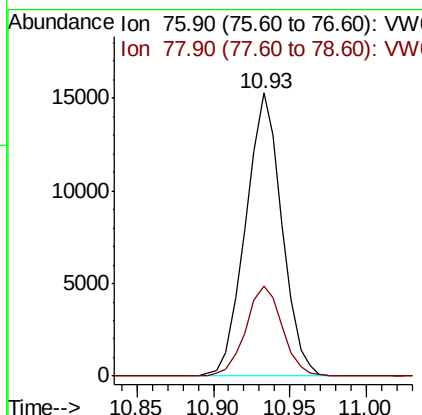
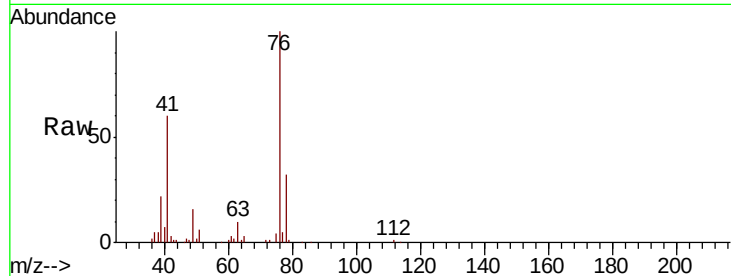




#57
 1,3-Dichloropropane
 Concen: 23.211 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

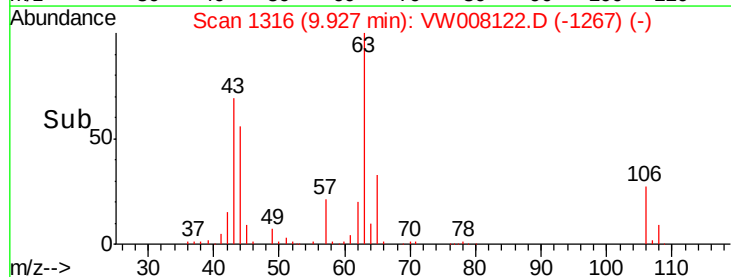
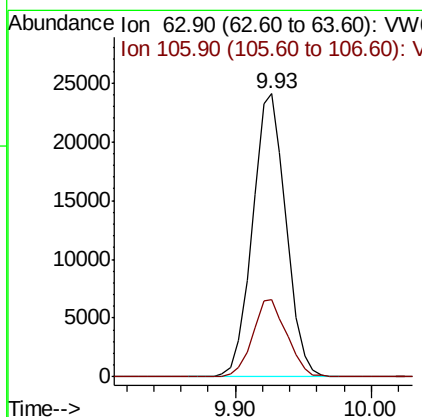
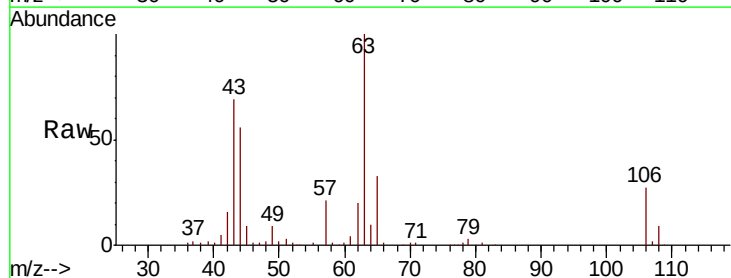
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

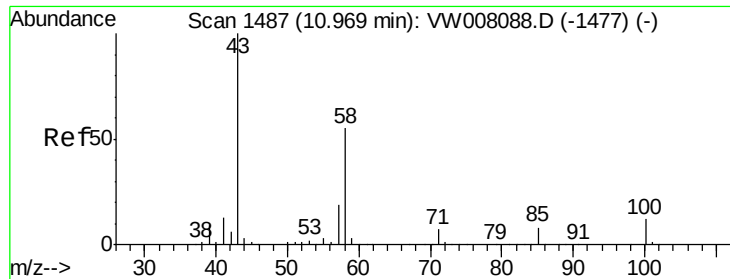
Tgt Ion: 76 Resp: 25173
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.606 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 63 Resp: 41579
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.8 32.6





#59

2-Hexanone

Concen: 107.676 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

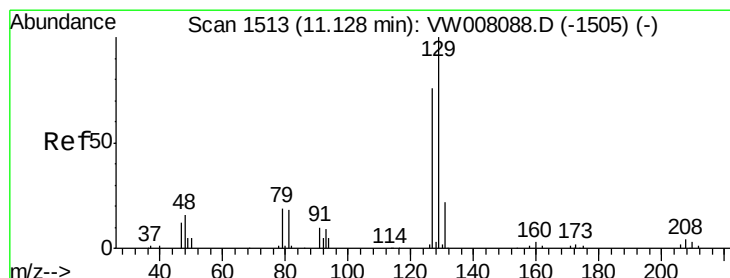
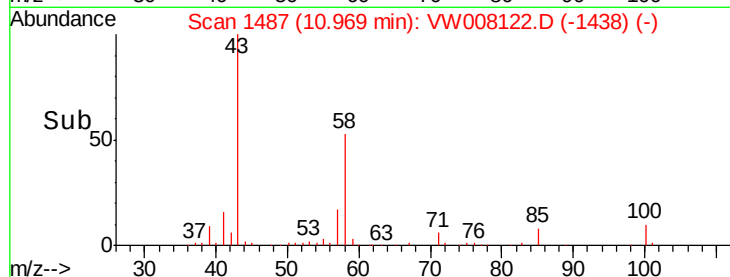
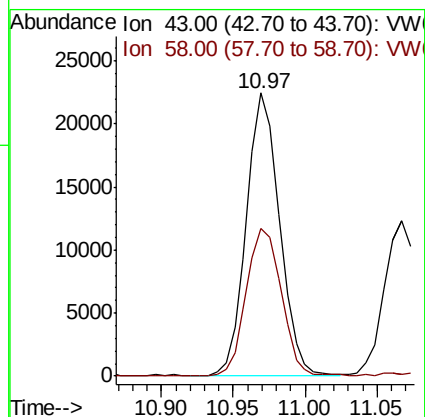
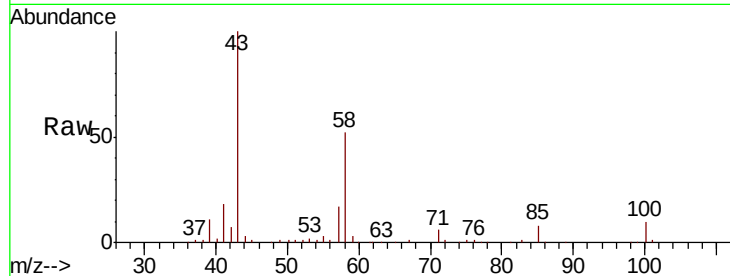
VW0109SBSD02

Tgt Ion: 43 Resp: 36105

Ion Ratio Lower Upper

43 100

58 55.2 27.2 81.5



#60

Dibromochloromethane

Concen: 23.227 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008122.D

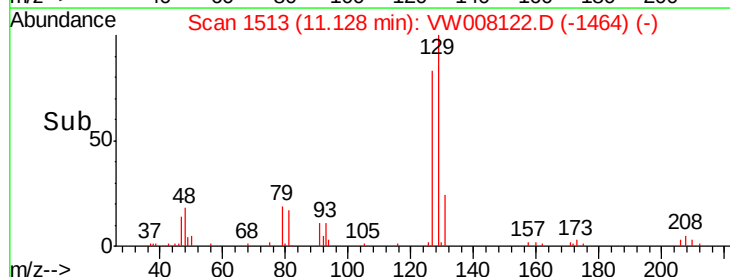
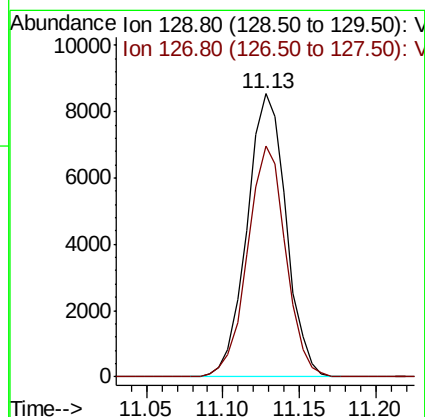
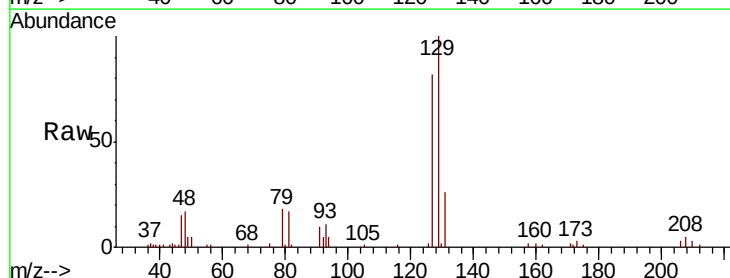
Acq: 10 Jan 2019 01:25

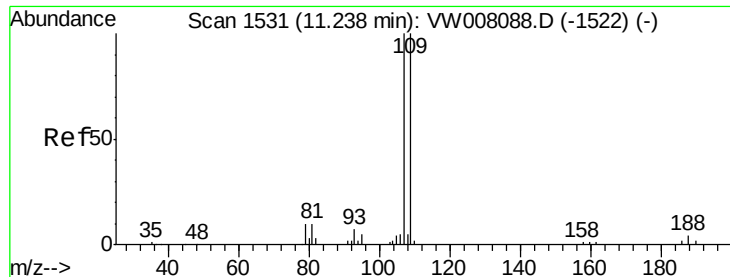
Tgt Ion: 129 Resp: 15125

Ion Ratio Lower Upper

129 100

127 79.9 38.9 116.6

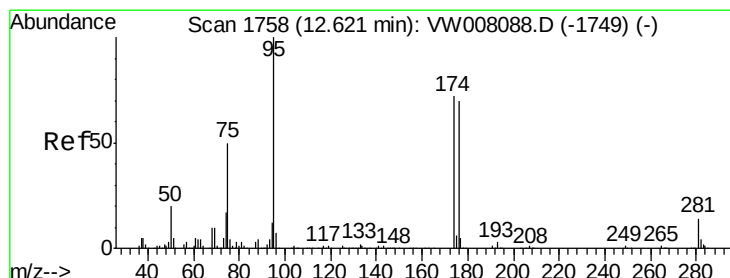
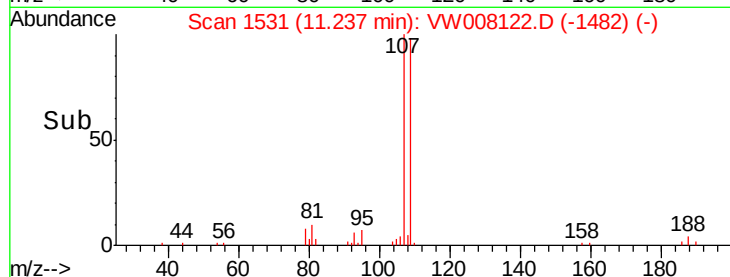
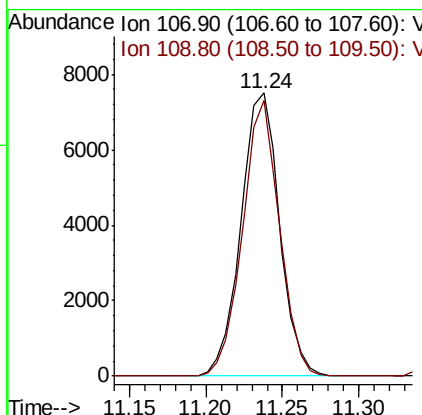
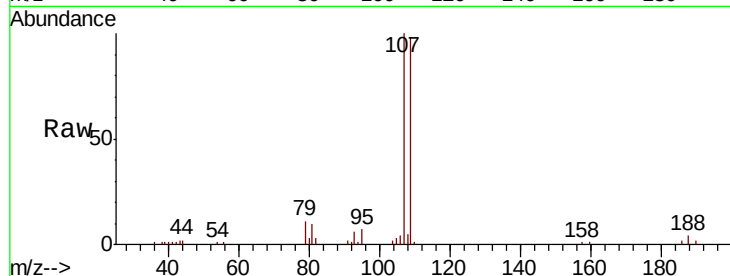




#61
 1,2-Dibromoethane
 Concen: 23.382 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

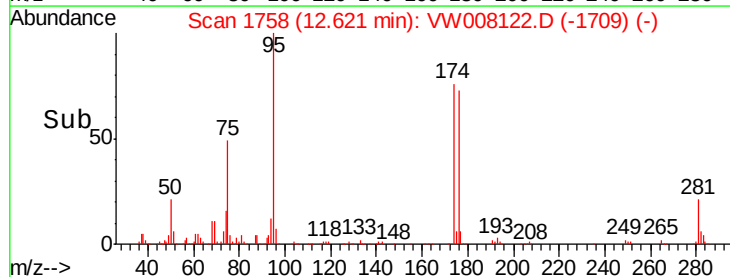
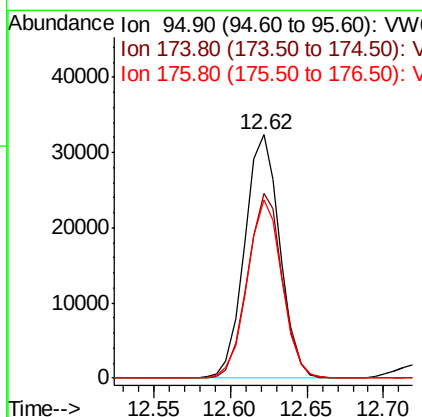
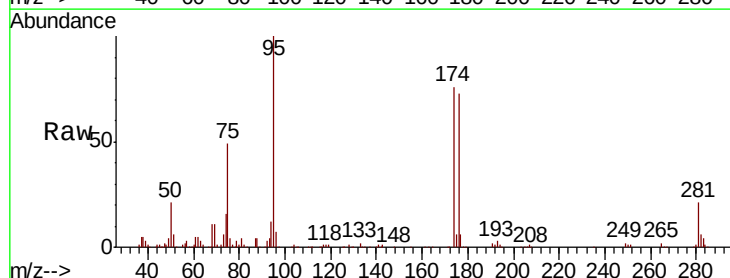
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

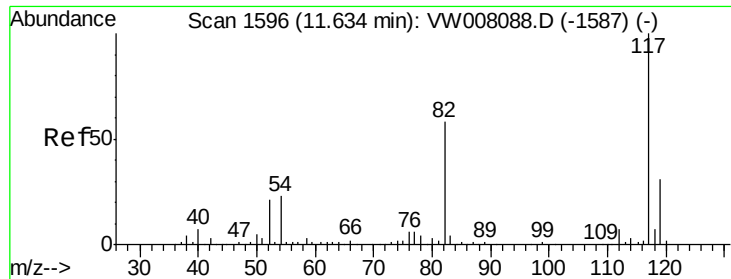
Tgt Ion: 107 Resp: 13157
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.187 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 95 Resp: 51400
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 143.0
 176 73.0 0.0 140.2

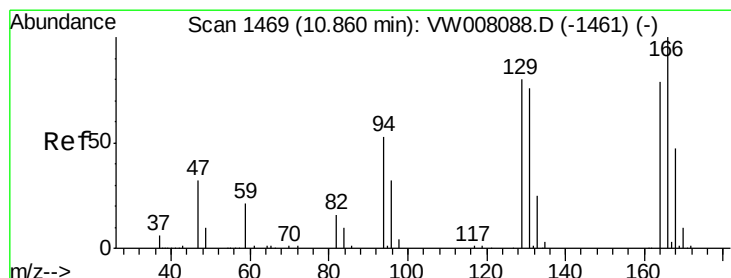
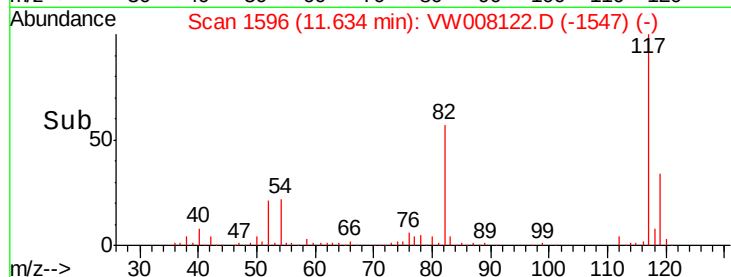
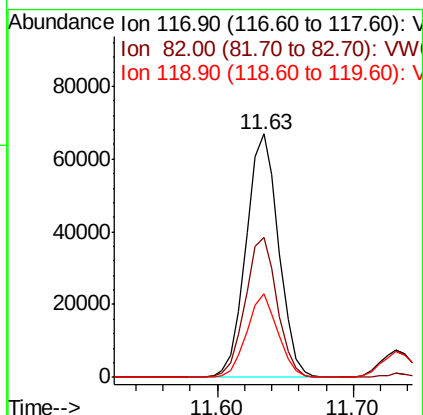
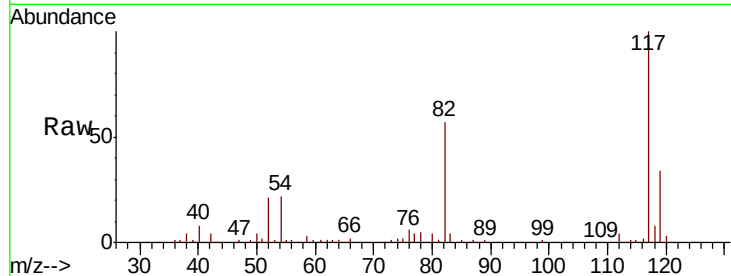




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

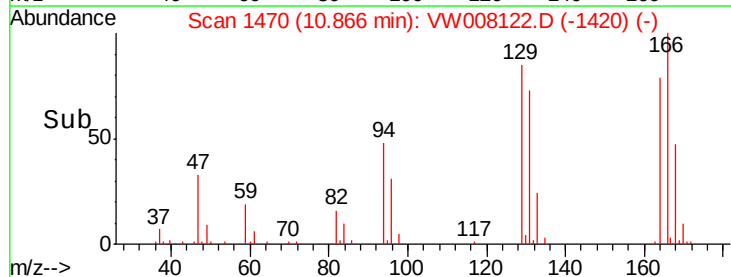
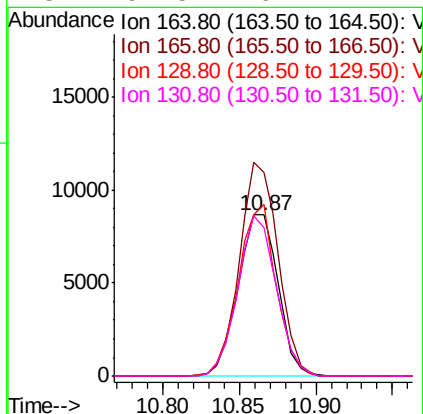
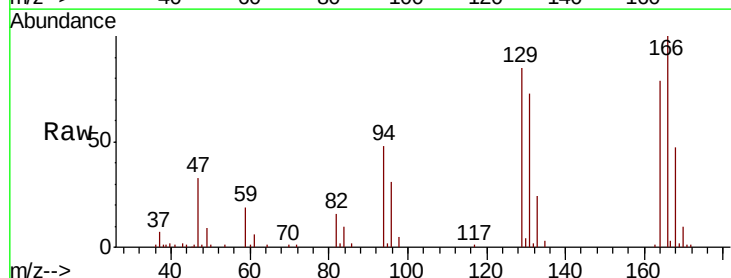
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

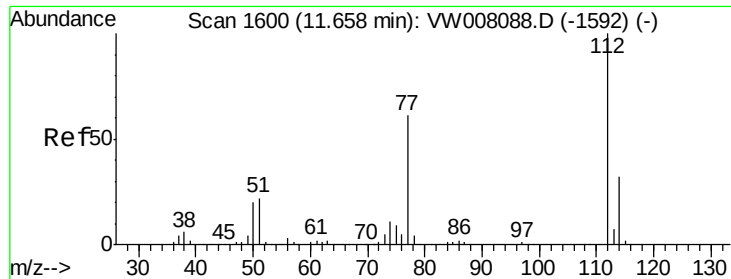
Tgt Ion:117 Resp: 111886
Ion Ratio Lower Upper
117 100
82 57.4 46.4 69.6
119 34.1 24.7 37.1



#64
Tetrachloroethene
Concen: 21.737 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion:164 Resp: 15828
Ion Ratio Lower Upper
164 100
166 126.1 100.7 151.1
129 106.7 81.0 121.4
131 92.5 76.1 114.1

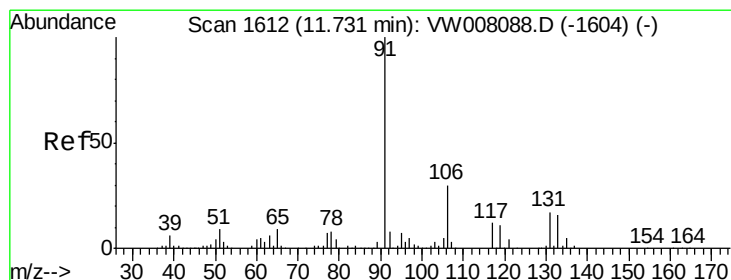
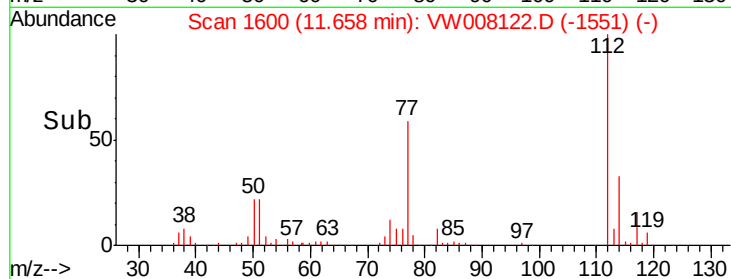
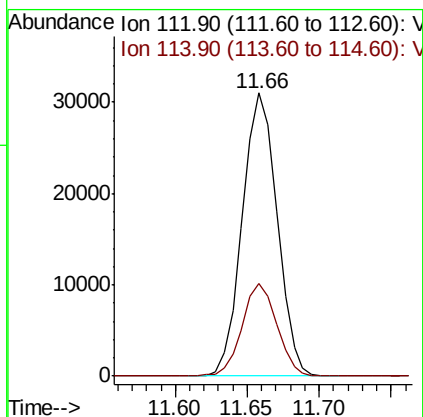
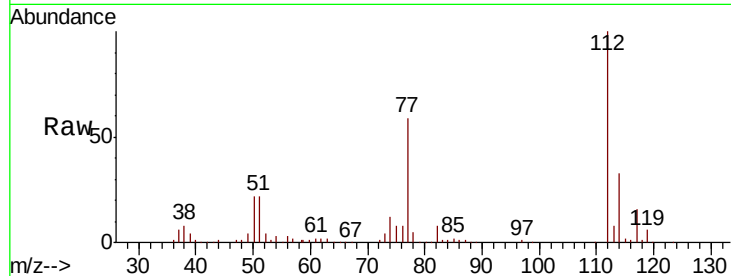




#65
Chlorobenzene
Concen: 21.956 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

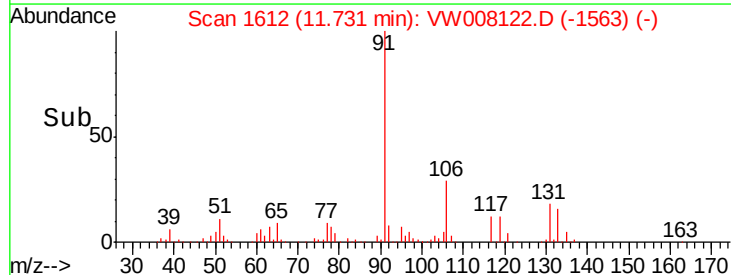
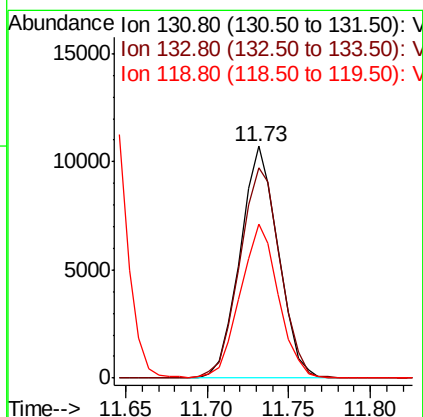
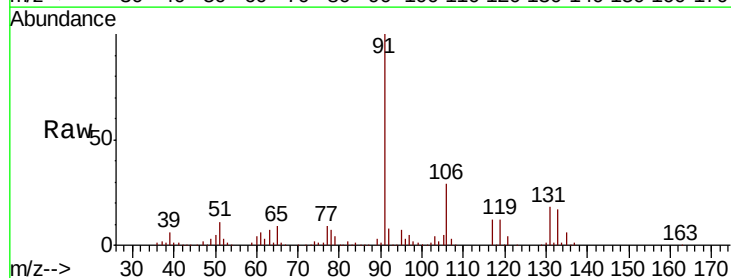
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

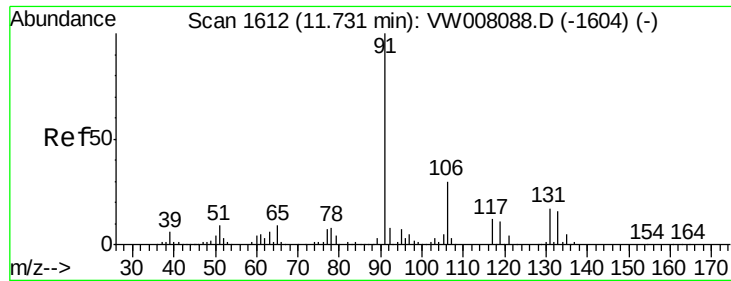
Tgt Ion:112 Resp: 52043
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.579 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion:131 Resp: 17408
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.7
119 66.8 32.5 97.4

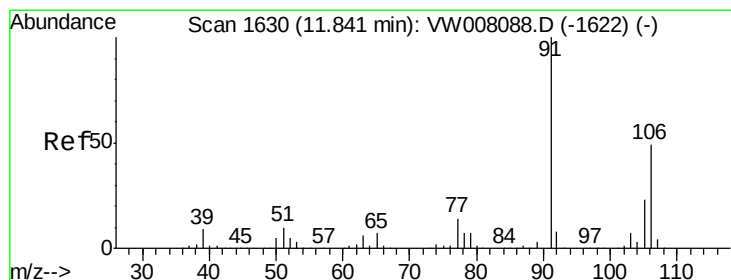
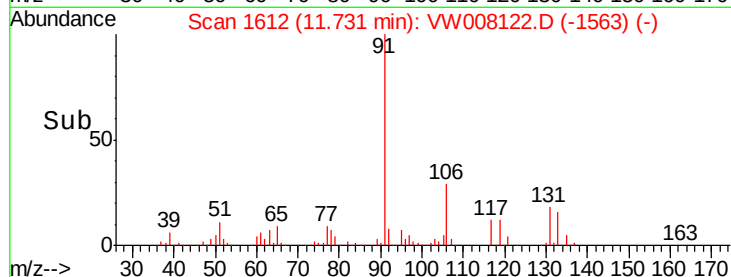
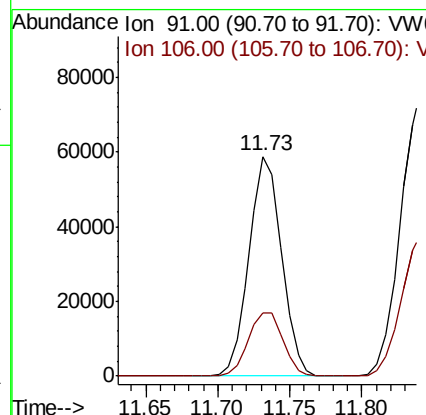
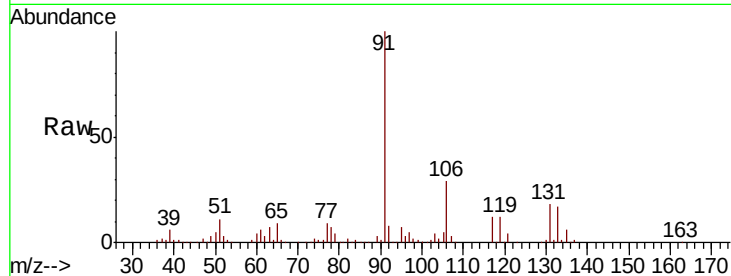




#67
Ethyl Benzene
Concen: 21.256 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

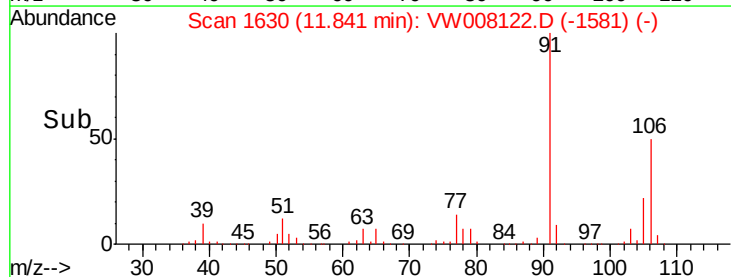
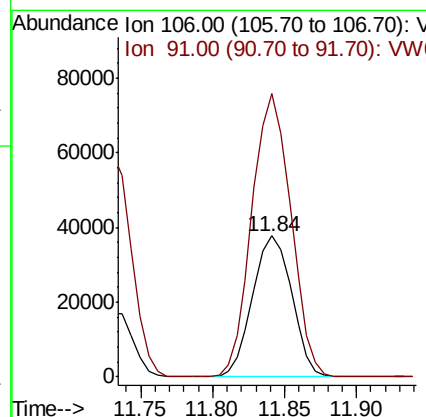
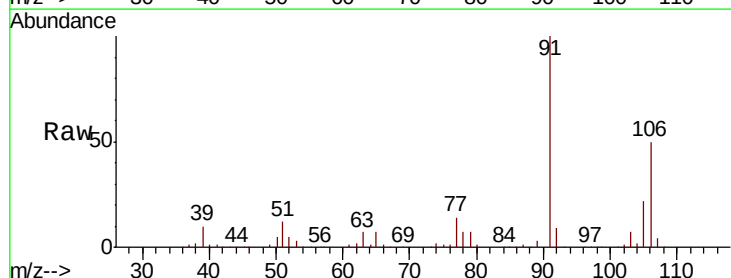
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

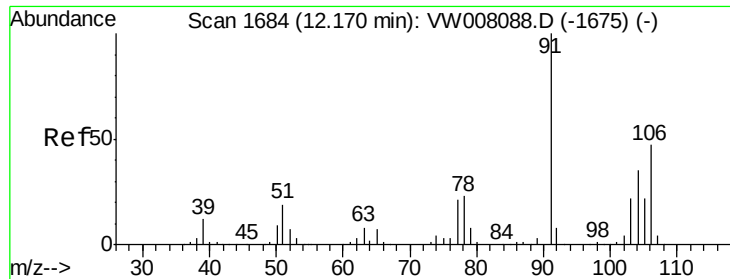
Tgt Ion: 91 Resp: 92192
Ion Ratio Lower Upper
91 100
106 28.8 24.2 36.4



#68
m/p-Xylenes
Concen: 43.082 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 106 Resp: 71319
Ion Ratio Lower Upper
106 100
91 200.3 162.4 243.6

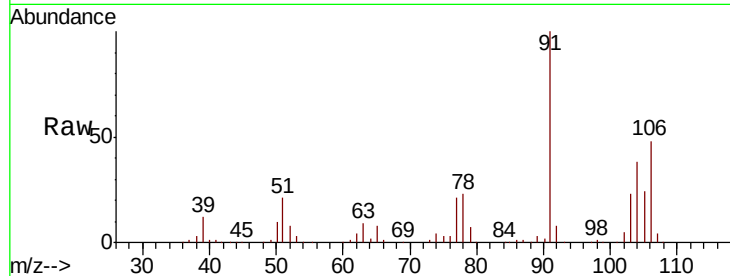




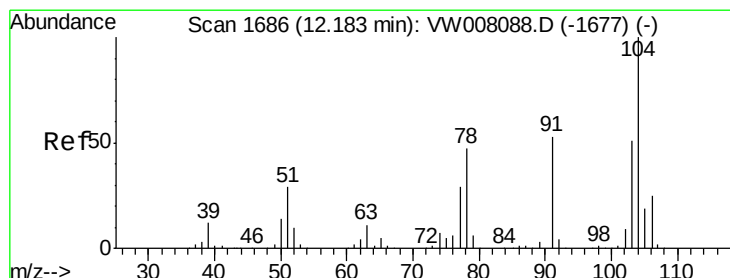
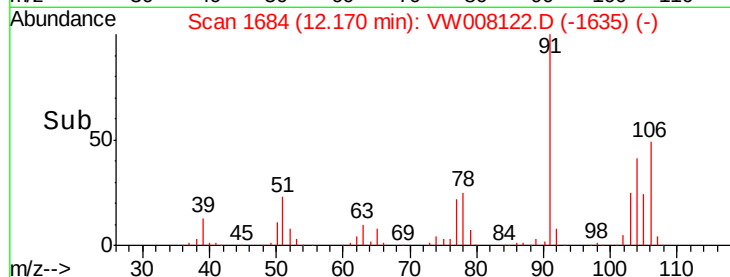
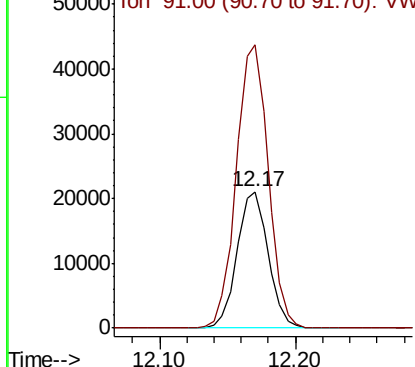
#69
o-Xylene
Concen: 21.803 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

Tgt Ion:106 Resp: 33424
Ion Ratio Lower Upper
106 100
91 213.7 107.8 323.6

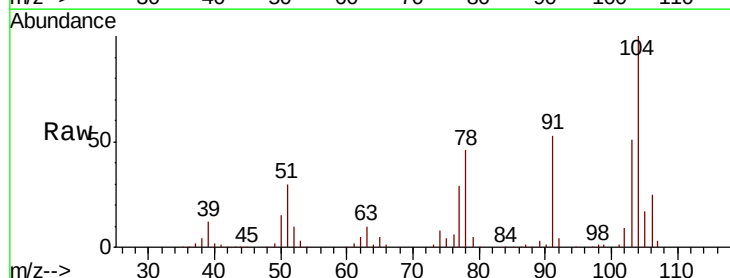


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

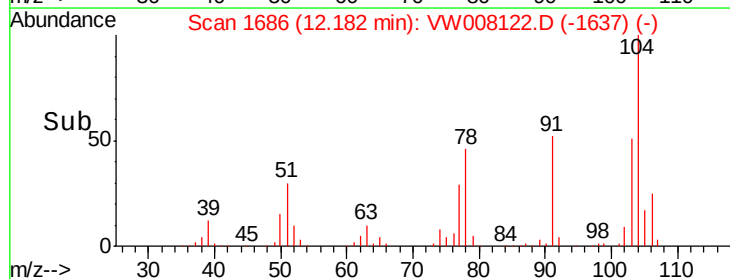
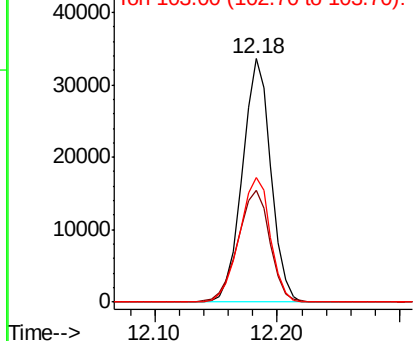


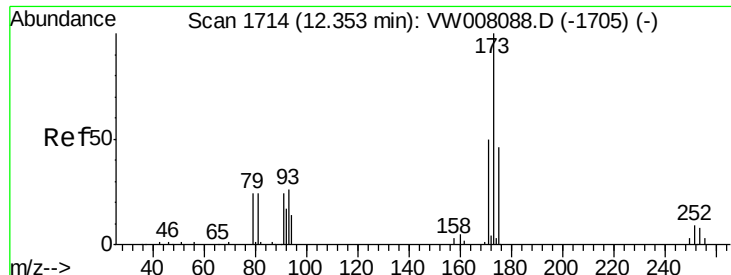
#70
Styrene
Concen: 22.581 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion:104 Resp: 54221
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 55.2 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 22.200 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

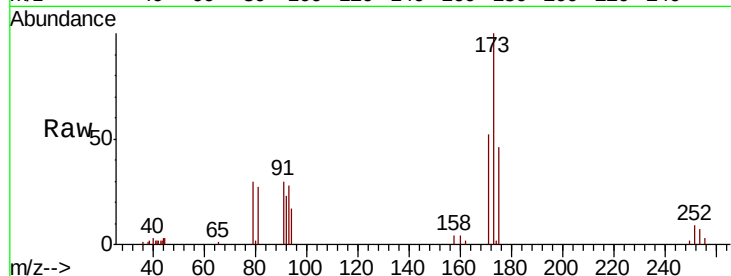
Tgt Ion:173 Resp: 7660

Ion Ratio Lower Upper

173 100

175 53.4 23.3 69.8

254 0.0 0.0 0.0

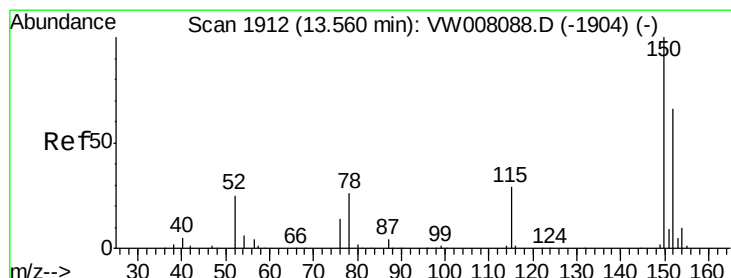
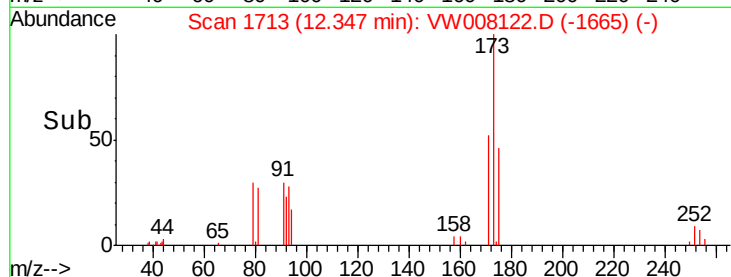
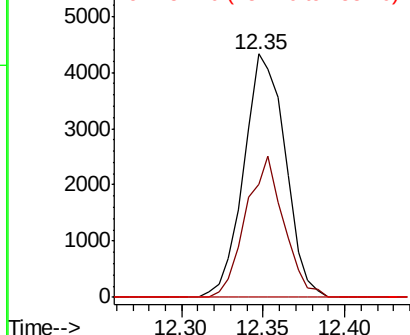


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

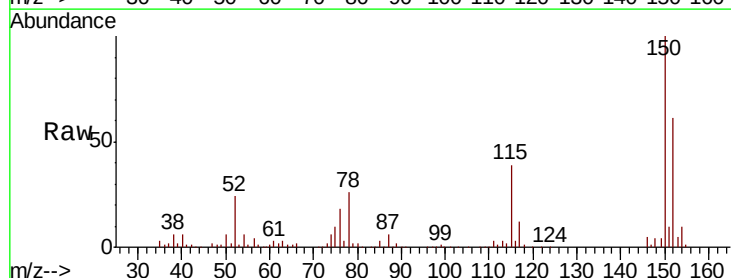
Tgt Ion:152 Resp: 54247

Ion Ratio Lower Upper

152 100

115 59.6 30.8 92.4

150 166.9 0.0 350.2

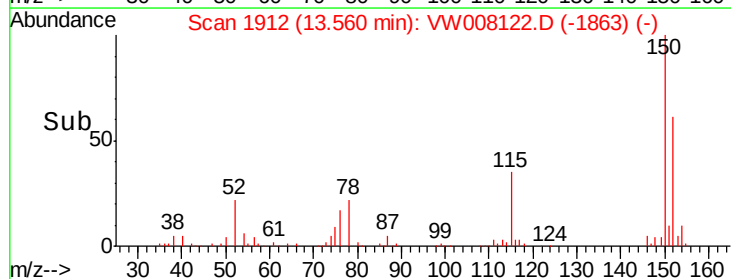
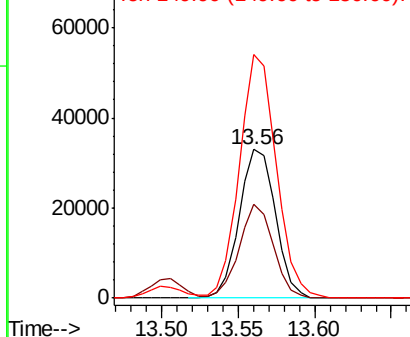


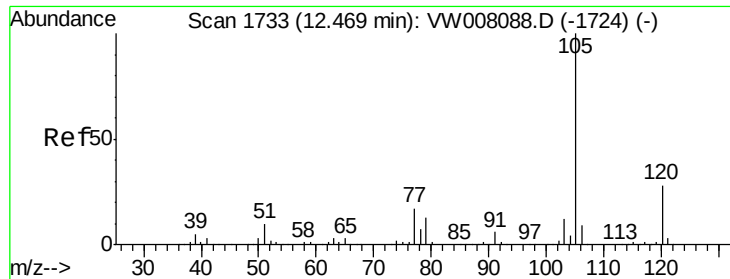
Abundance

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: 20.792 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

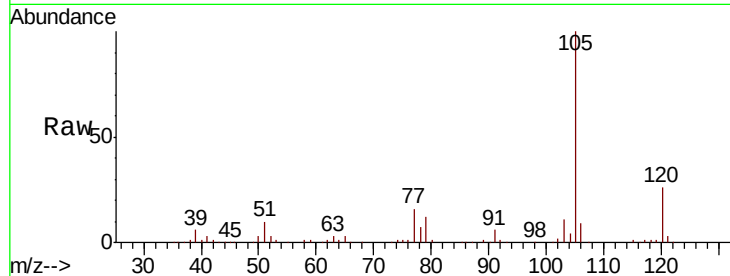
VW0109SBSD02

Tgt Ion:105 Resp: 88549

Ion Ratio Lower Upper

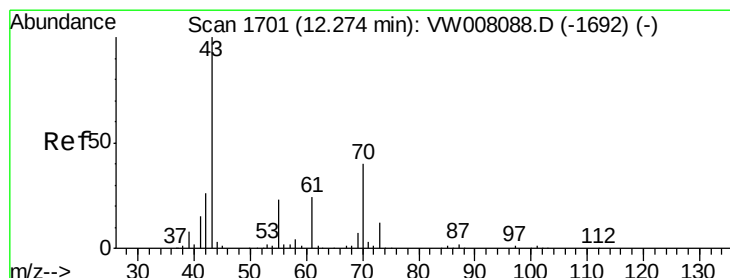
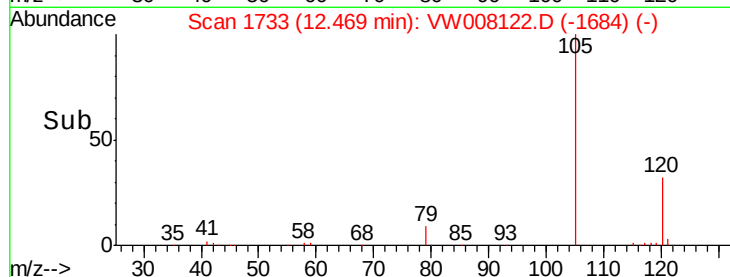
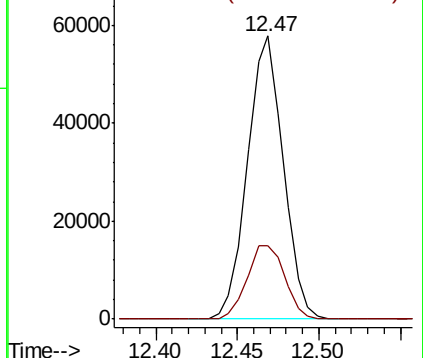
105 100

120 27.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.452 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion: 43 Resp: 21176

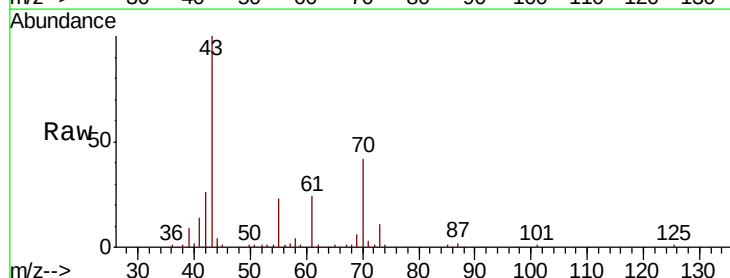
Ion Ratio Lower Upper

43 100

70 41.8 32.4 48.6

55 24.2 18.7 28.1

61 23.7 19.0 28.6

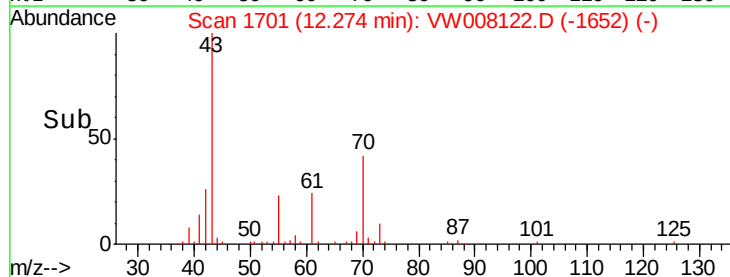
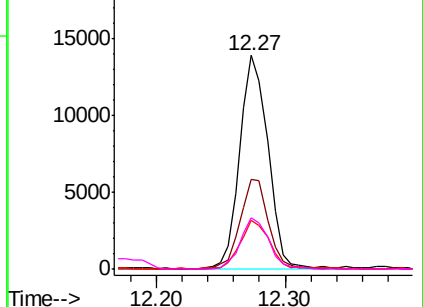


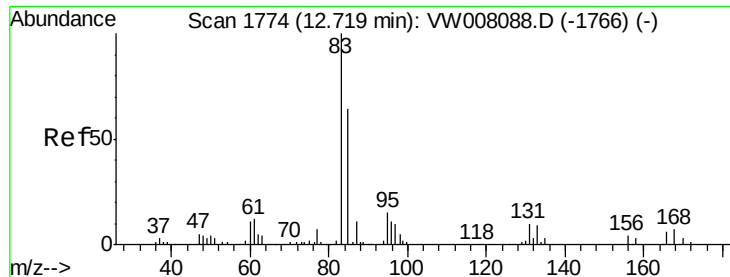
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 22.409 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

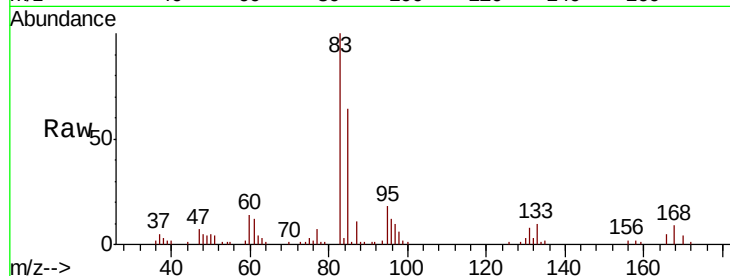
Tgt Ion: 83 Resp: 15276

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

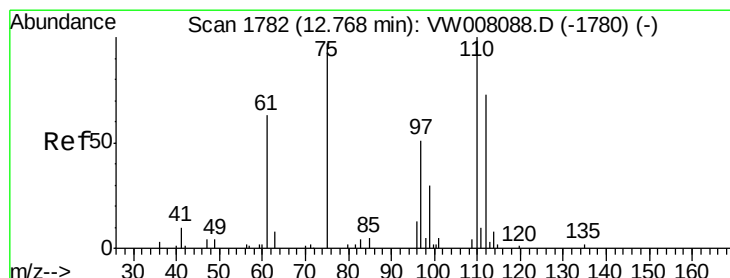
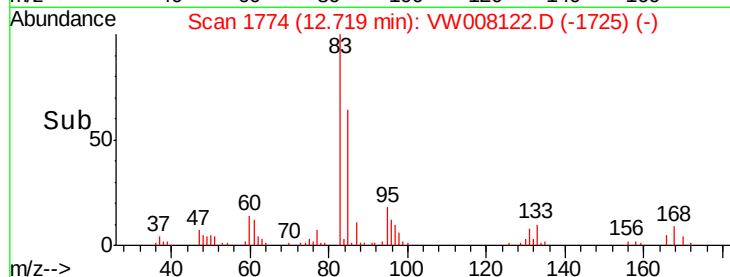
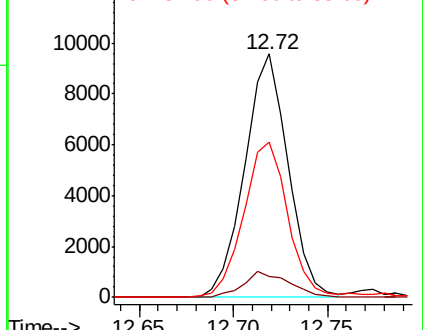
85 66.5 32.4 97.2



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: 42.397 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008122.D

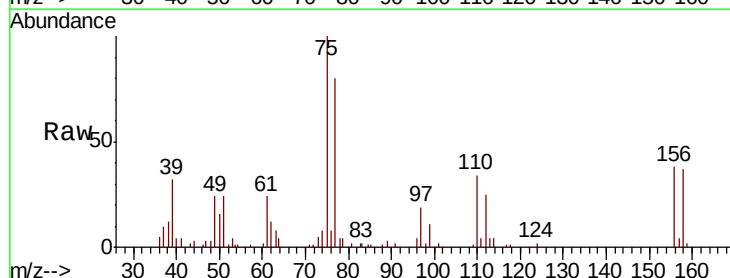
Acq: 10 Jan 2019 01:25

Tgt Ion: 75 Resp: 20966

Ion Ratio Lower Upper

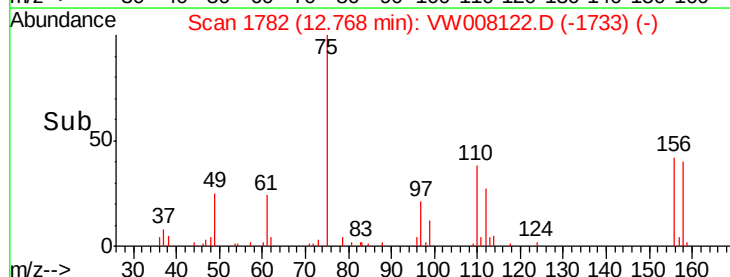
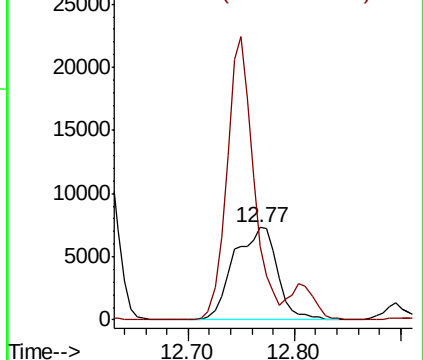
75 100

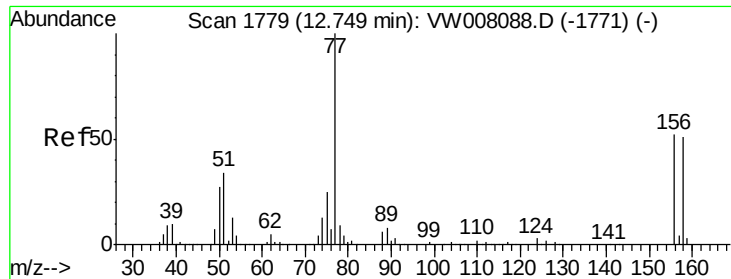
77 187.7 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.009 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

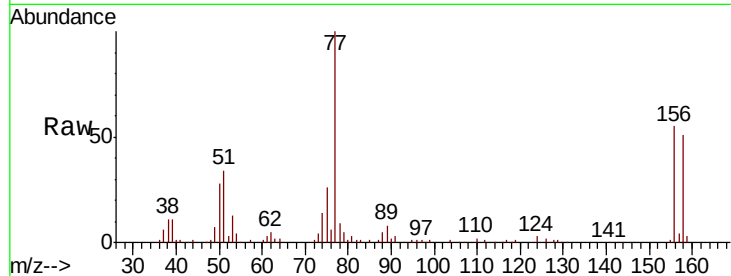
Tgt Ion: 156 Resp: 19806

Ion Ratio Lower Upper

156 100

77 198.7 104.2 312.5

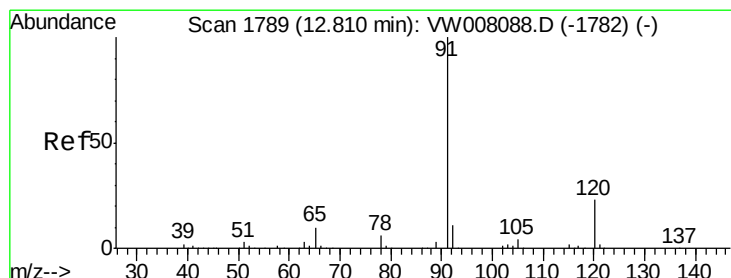
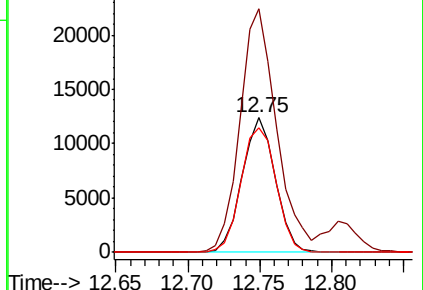
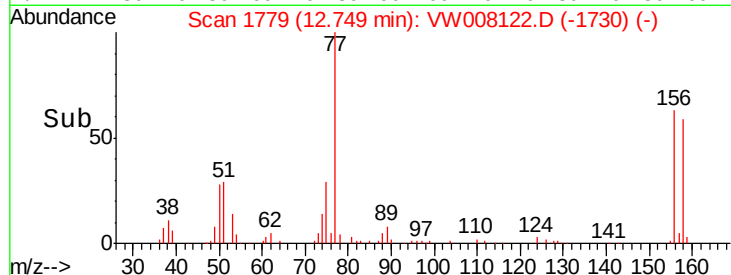
158 97.8 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.974 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008122.D

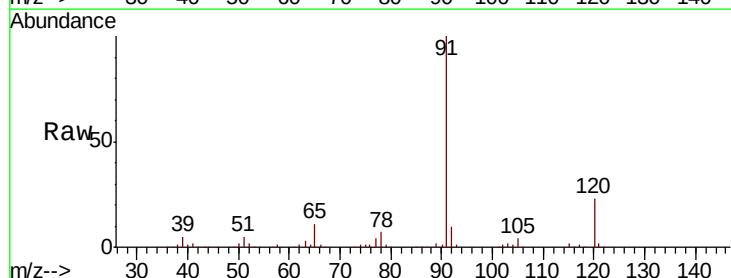
Acq: 10 Jan 2019 01:25

Tgt Ion: 91 Resp: 109449

Ion Ratio Lower Upper

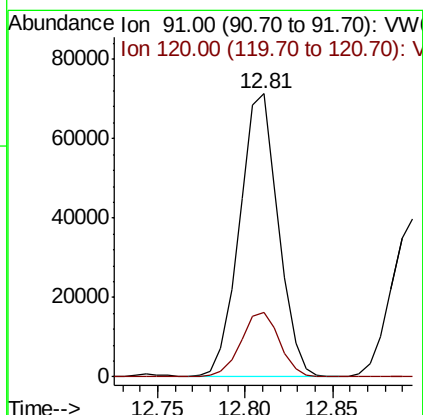
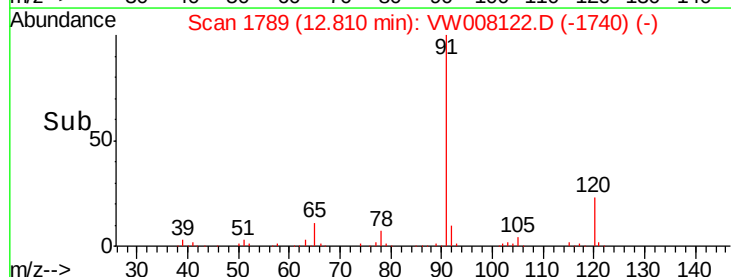
91 100

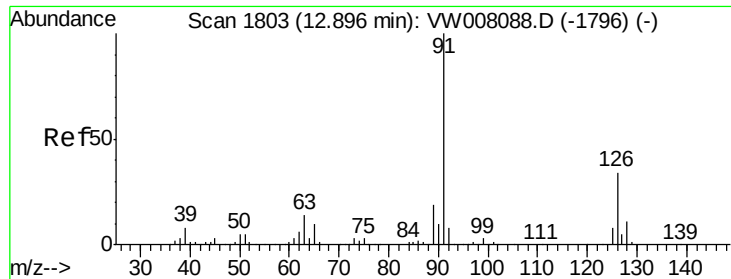
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.619 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

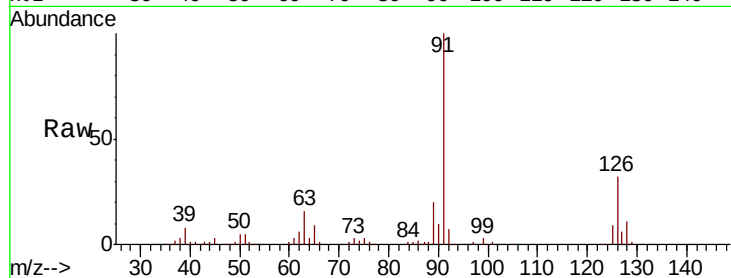
VW0109SBSD02

Tgt Ion: 91 Resp: 62939

Ion Ratio Lower Upper

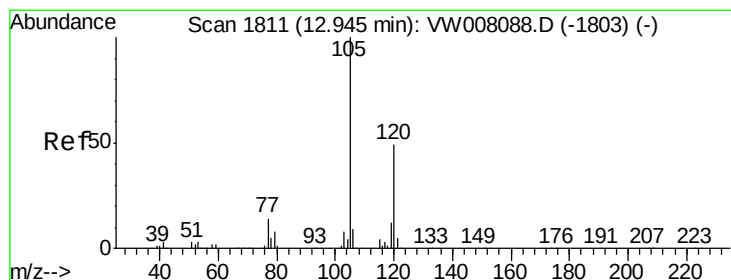
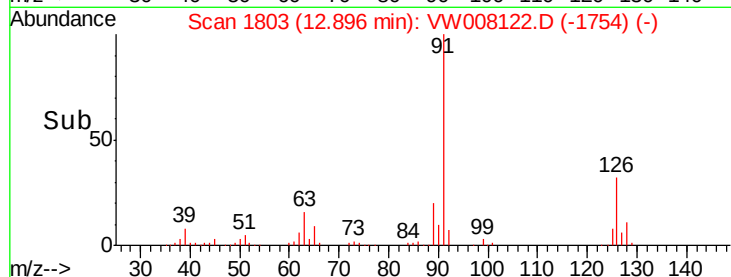
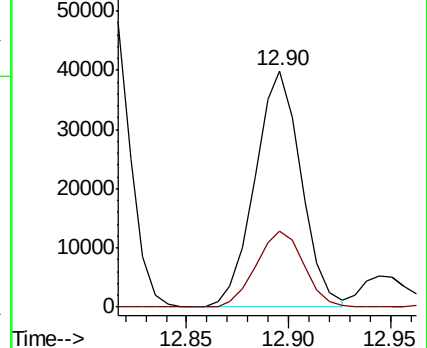
91 100

126 33.1 16.8 50.3



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: 21.294 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008122.D

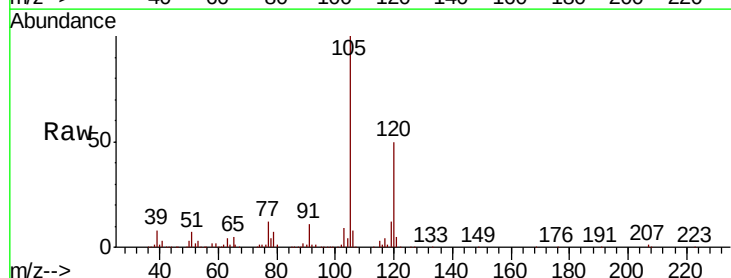
Acq: 10 Jan 2019 01:25

Tgt Ion:105 Resp: 74526

Ion Ratio Lower Upper

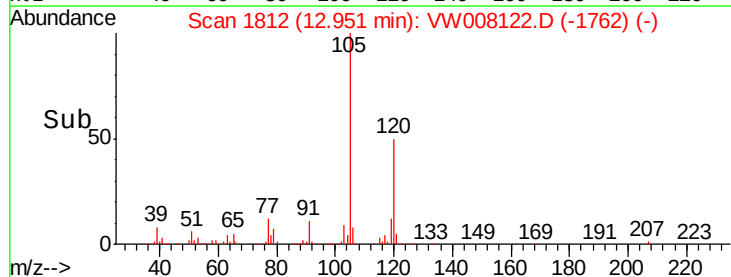
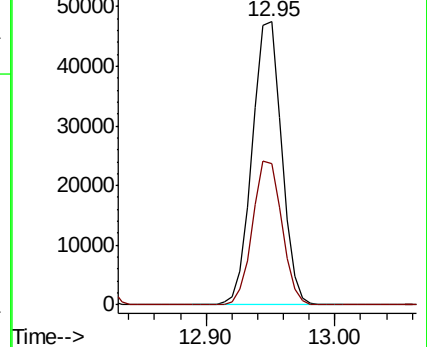
105 100

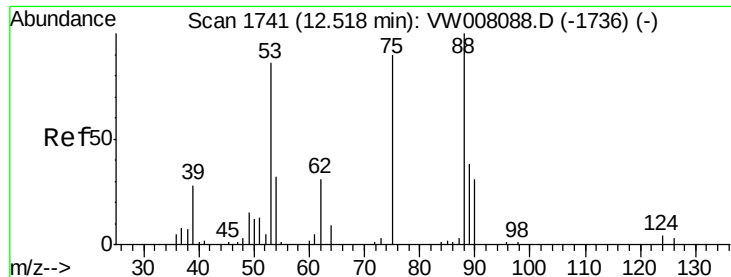
120 50.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

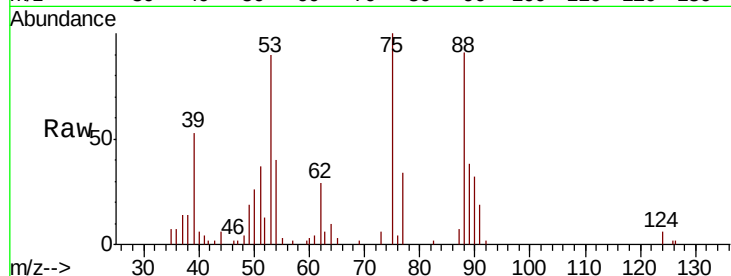




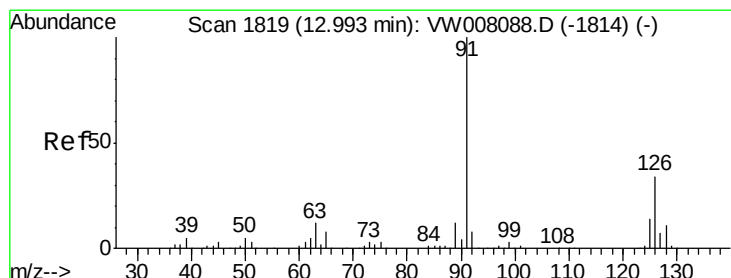
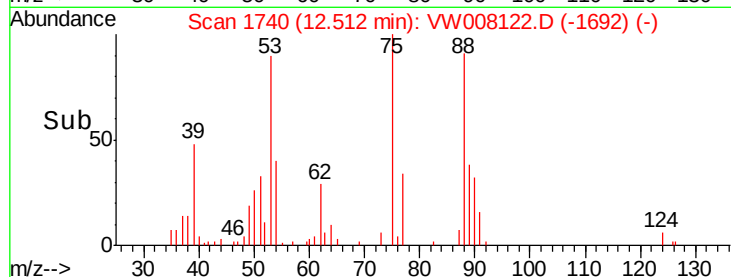
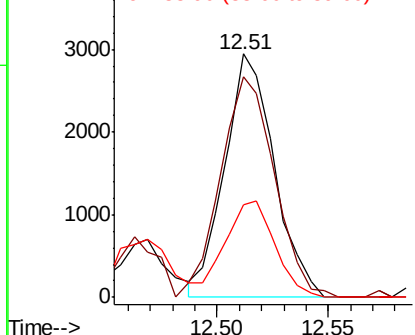
#81
trans-1,4-Dichloro-2-butene
Concen: 21.402 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

Tgt Ion: 75 Resp: 4545
Ion Ratio Lower Upper
75 100
53 99.1 78.8 118.2
89 40.5 35.4 53.2

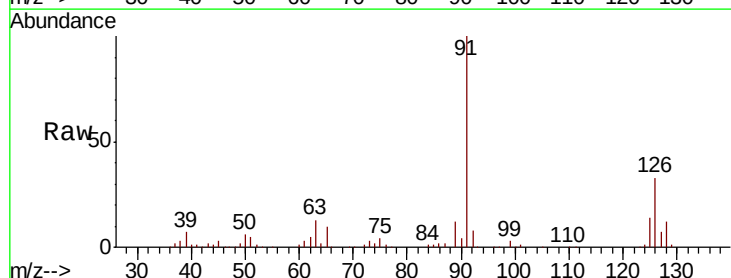


Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW

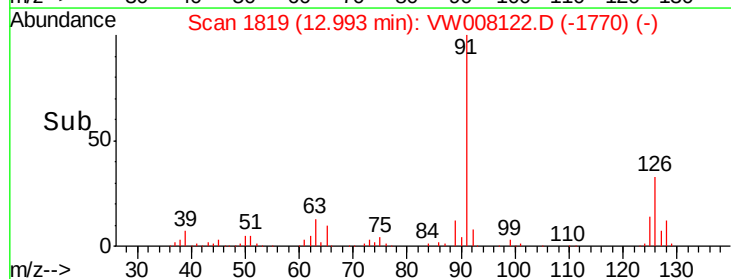
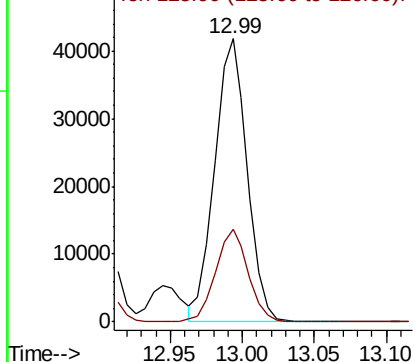


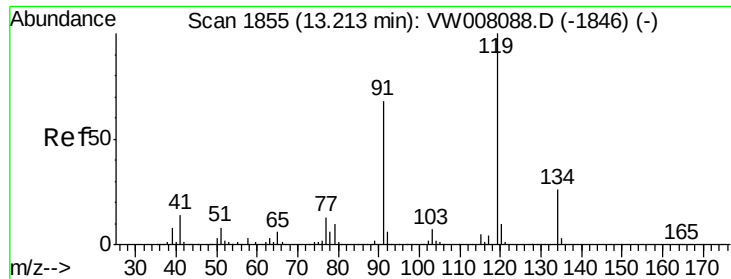
#82
4-Chlorotoluene
Concen: 21.473 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 91 Resp: 65841
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.970 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

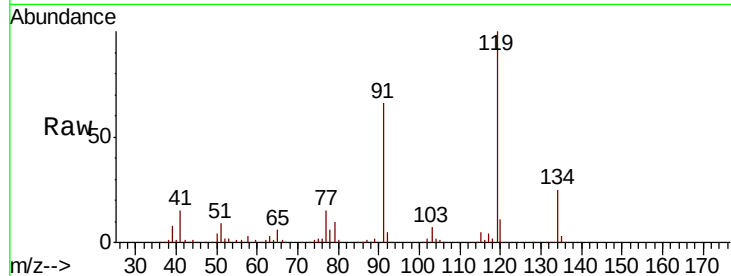
Tgt Ion:119 Resp: 64929

Ion Ratio Lower Upper

119 100

91 65.5 33.9 101.6

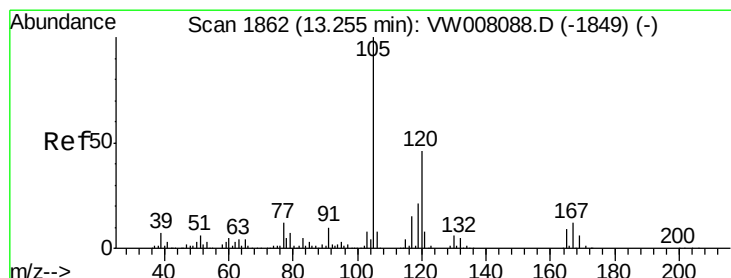
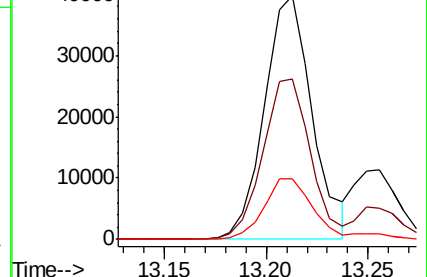
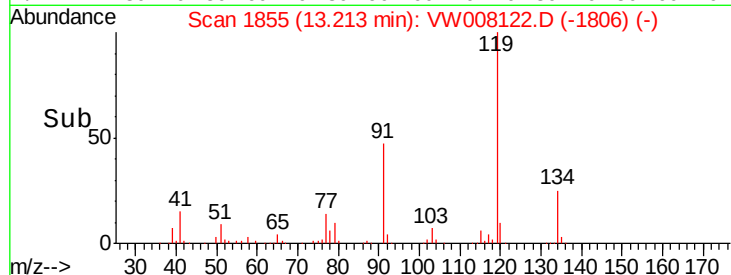
134 27.1 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.589 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008122.D

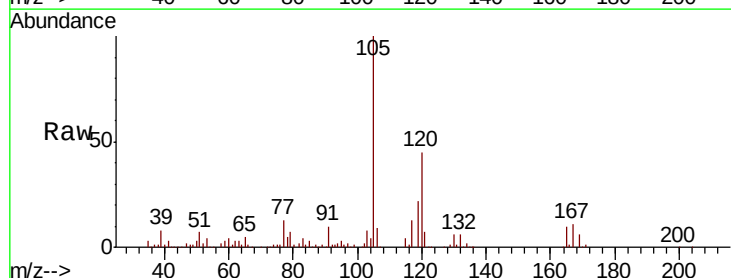
Acq: 10 Jan 2019 01:25

Tgt Ion:105 Resp: 77926

Ion Ratio Lower Upper

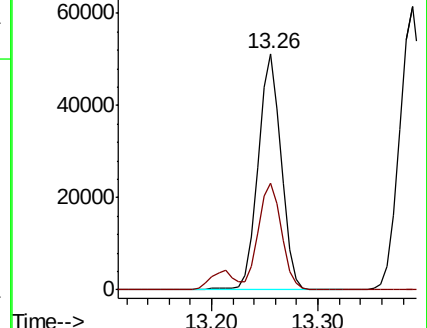
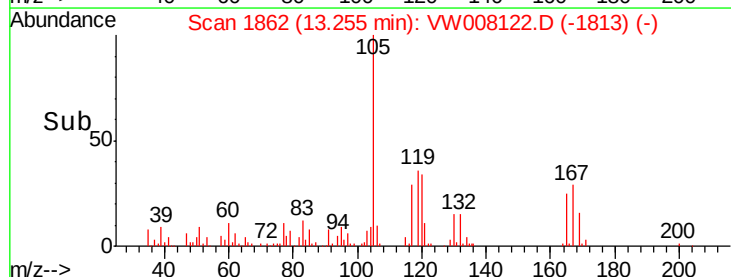
105 100

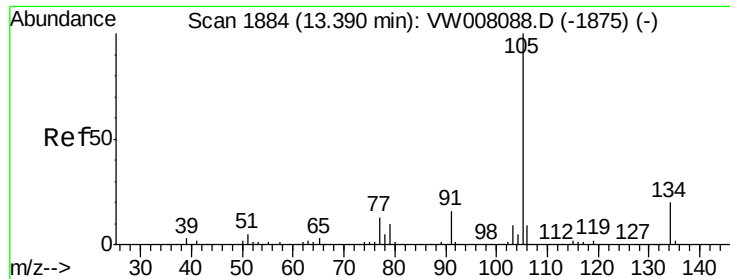
120 46.1 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

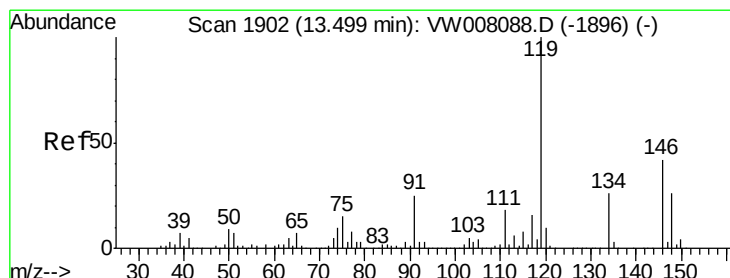
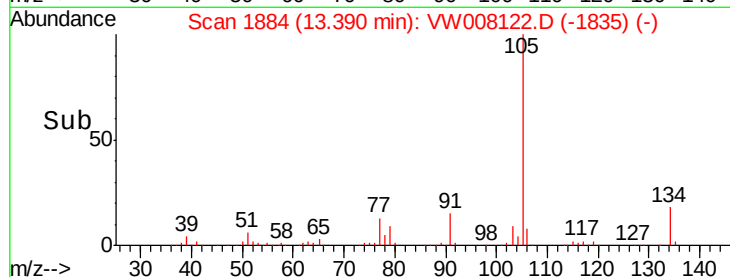
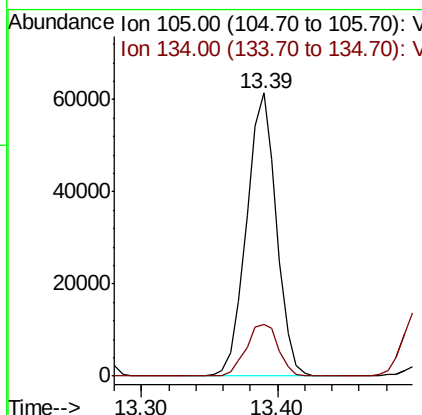
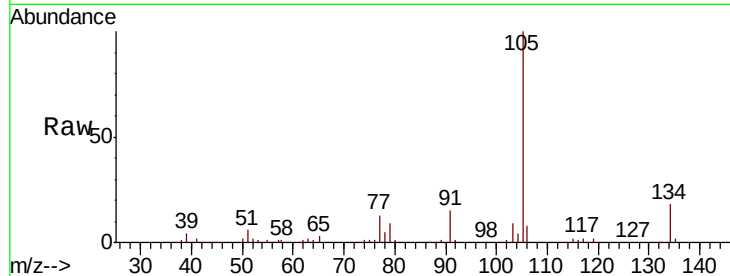




#85
 sec-Butylbenzene
 Concen: 20.808 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

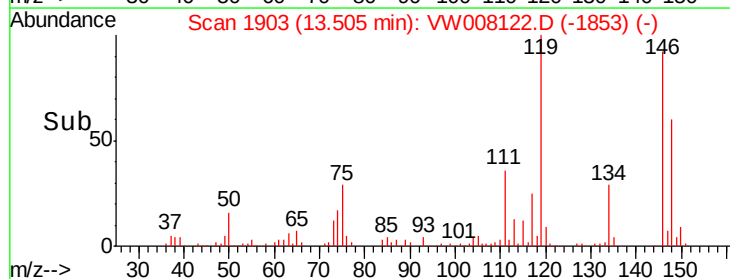
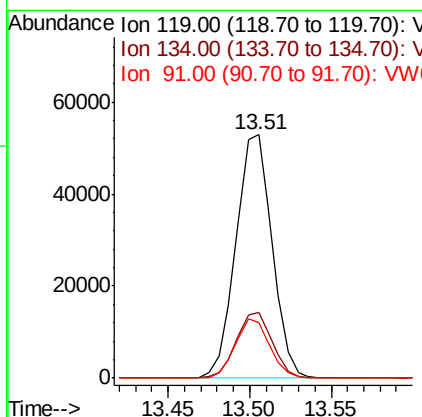
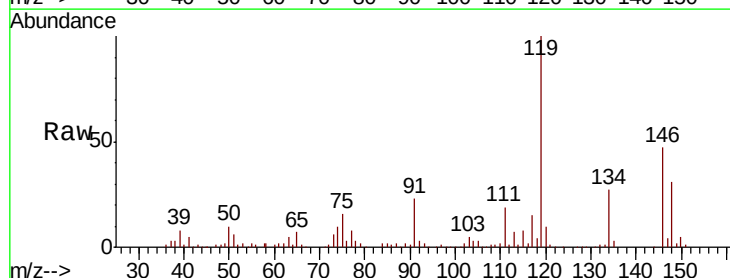
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

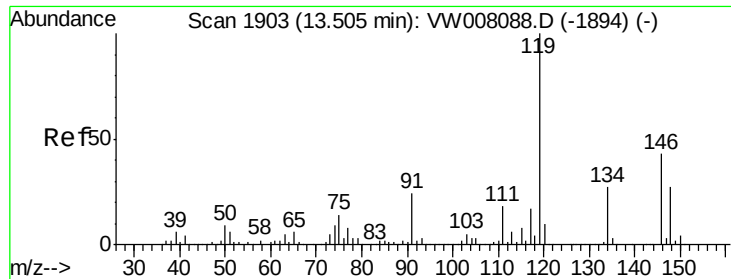
Tgt Ion:105 Resp: 94376
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.928 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion:119 Resp: 81967
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 22.551 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

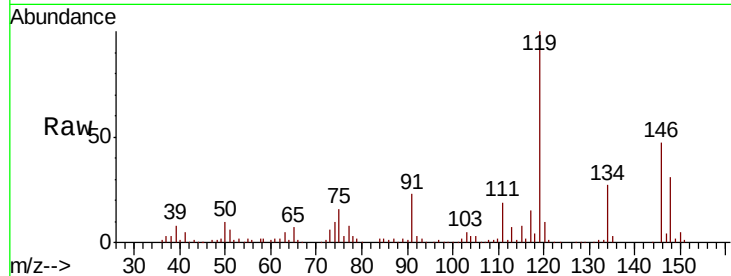
Tgt Ion:146 Resp: 41167

Ion Ratio Lower Upper

146 100

111 40.1 21.1 63.1

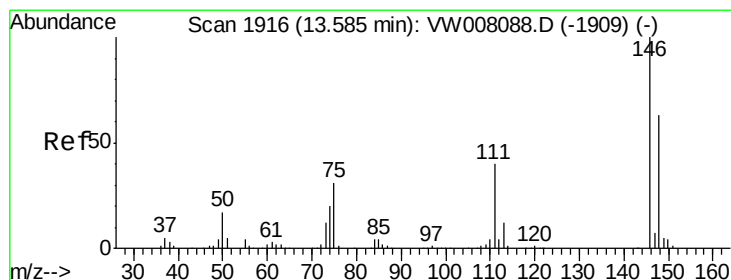
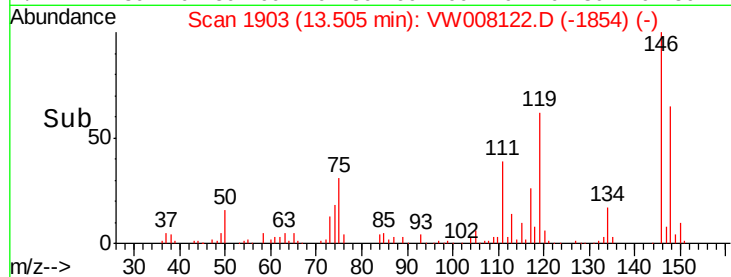
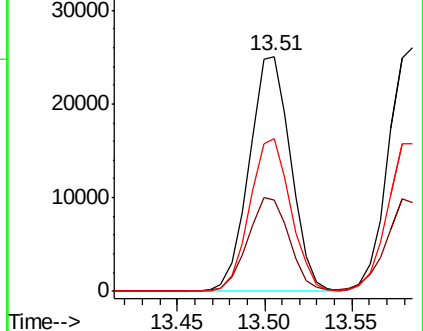
148 64.4 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 22.428 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

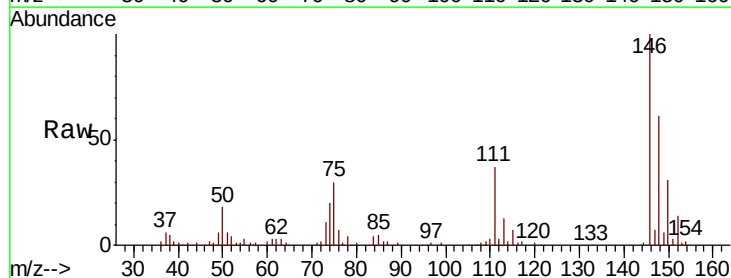
Tgt Ion:146 Resp: 41077

Ion Ratio Lower Upper

146 100

111 39.2 20.5 61.5

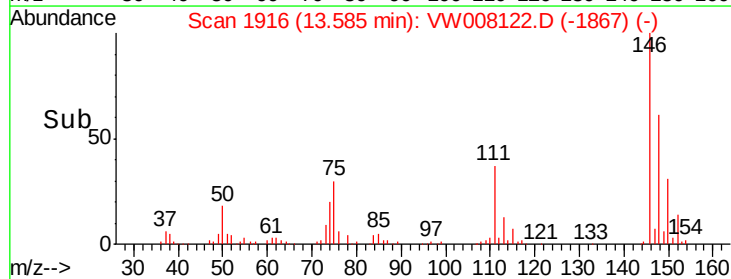
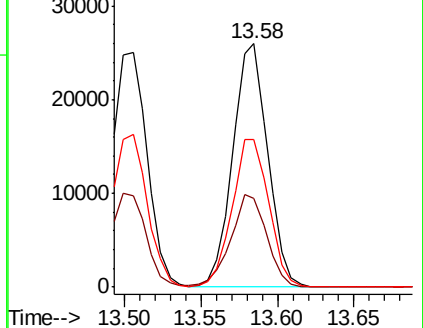
148 63.9 31.6 94.8

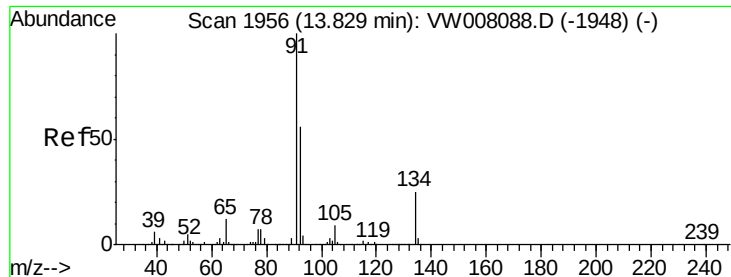


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.420 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

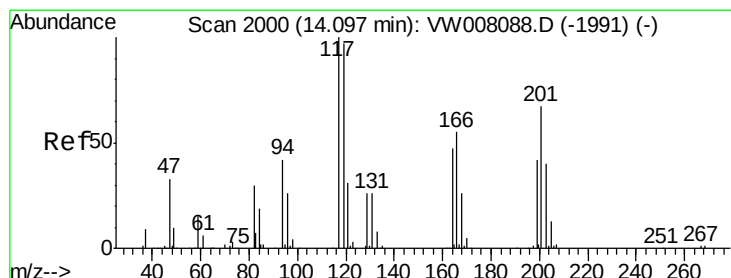
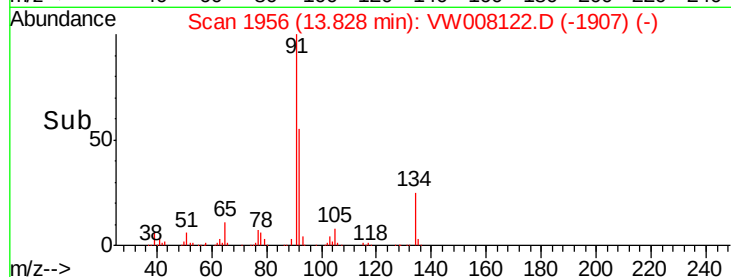
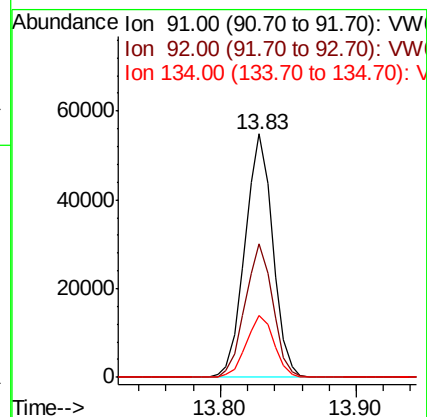
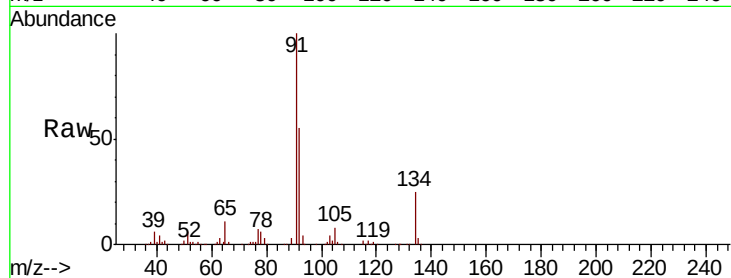
Tgt Ion: 91 Resp: 78332

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.2

134 25.7 12.6 37.8



#90

Hexachloroethane

Concen: 21.922 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008122.D

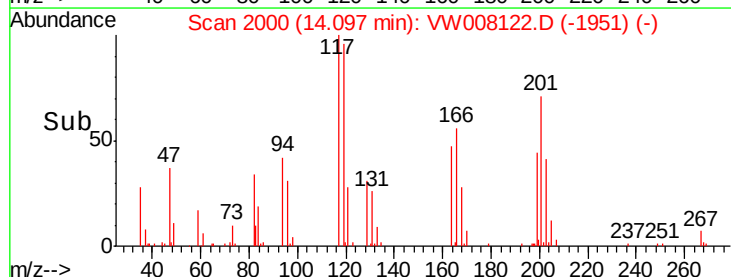
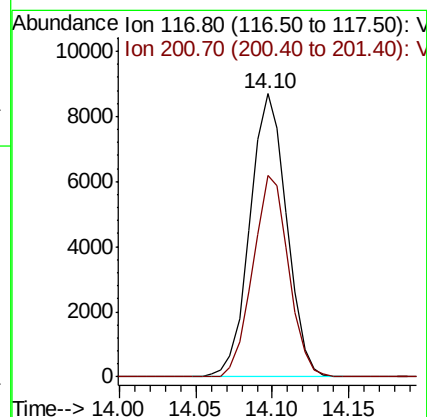
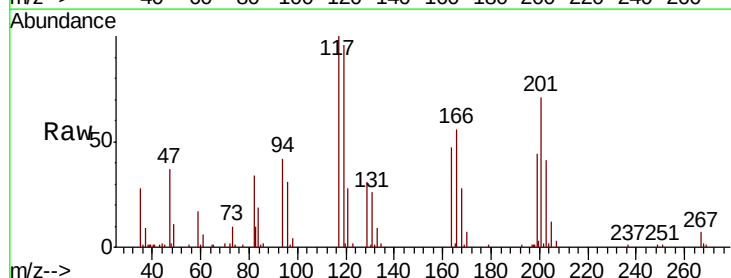
Acq: 10 Jan 2019 01:25

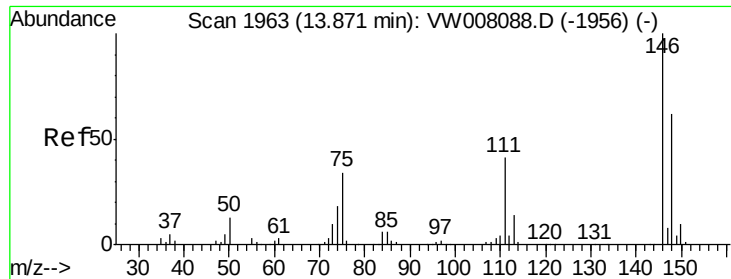
Tgt Ion: 117 Resp: 14502

Ion Ratio Lower Upper

117 100

201 69.3 33.0 98.9

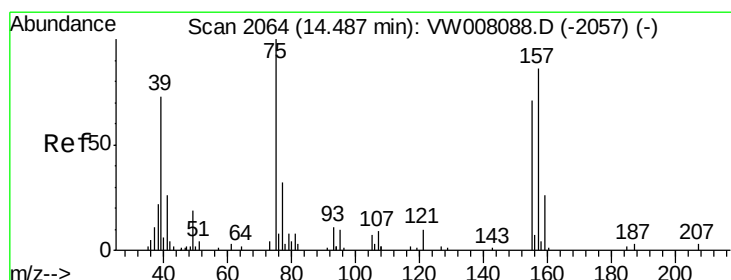
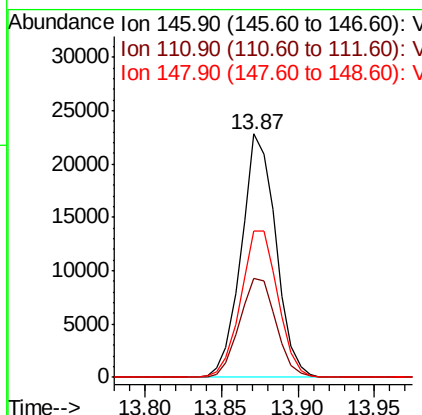
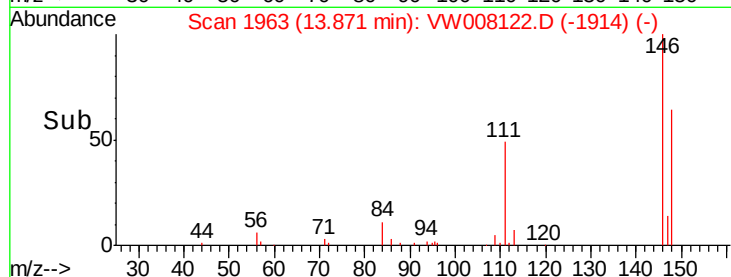
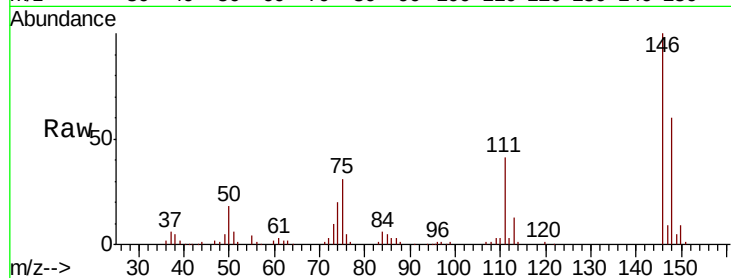




#91
 1,2-Dichlorobenzene
 Concen: 22.276 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

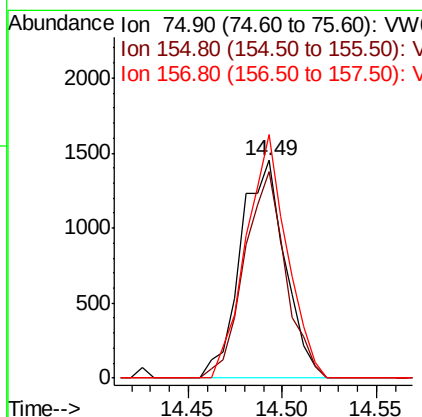
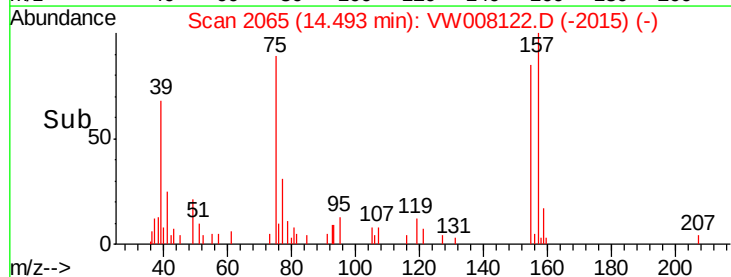
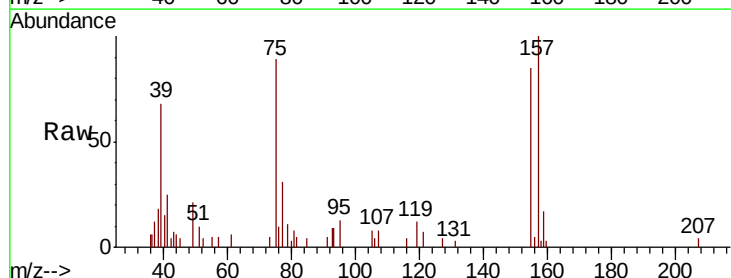
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

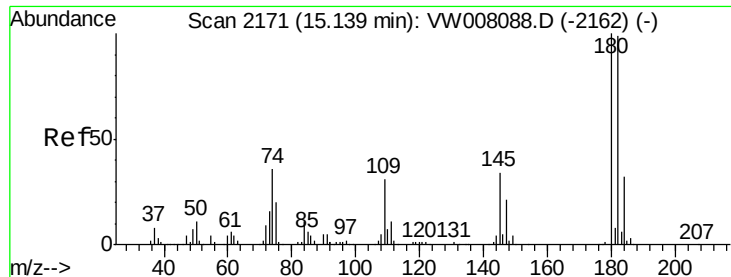
Tgt Ion: 146 Resp: 35738
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.7
 148 64.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.703 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 75 Resp: 2381
 Ion Ratio Lower Upper
 75 100
 155 87.4 38.6 115.7
 157 102.5 47.5 142.6

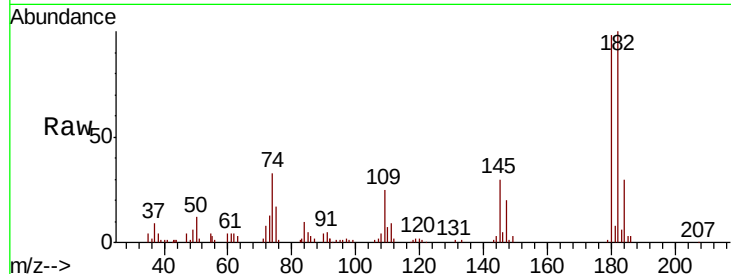




#93
 1,2,4-Trichlorobenzene
 Concen: 21.759 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.6	145.9
145	31.0	16.6	49.7

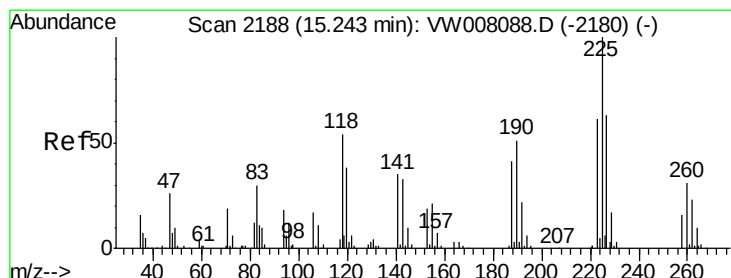
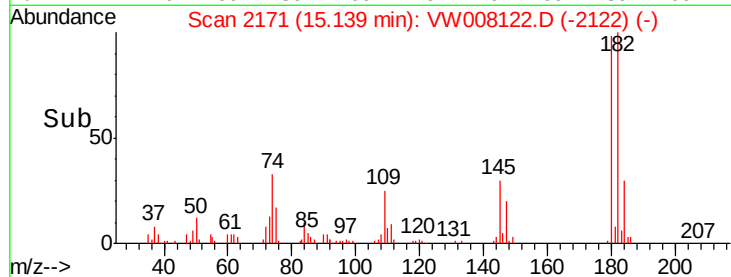
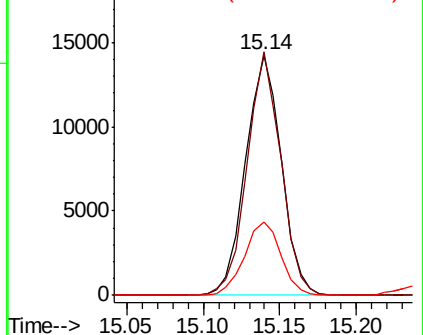


Abundance

Ion 179.80 (179.50 to 180.50): V

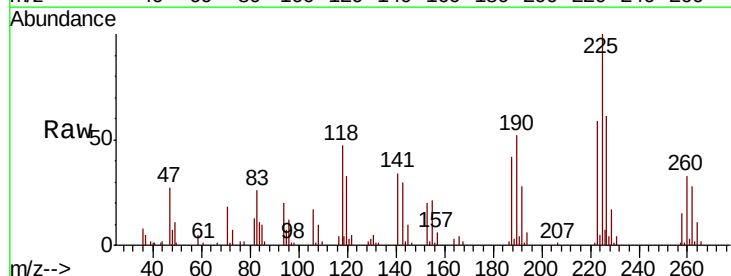
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.521 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.4	94.3
227	60.1	32.0	96.2

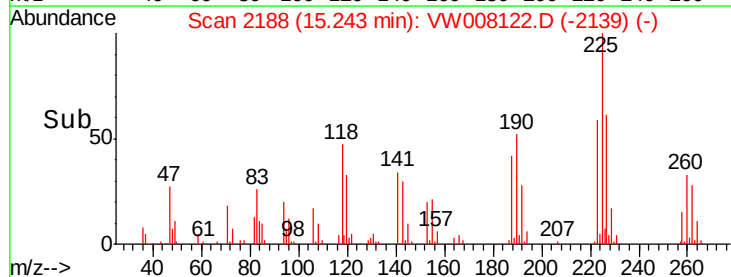
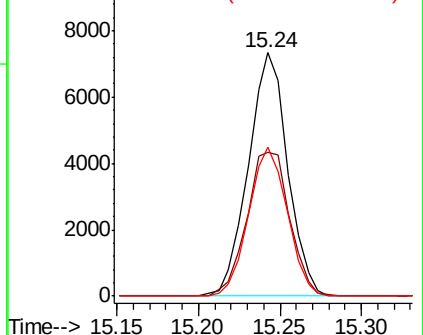


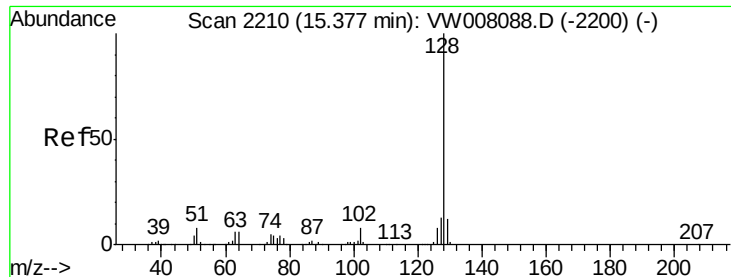
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

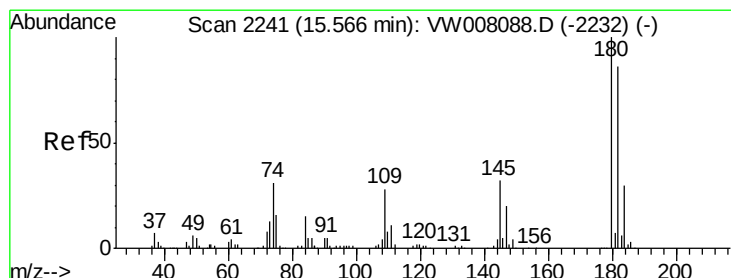
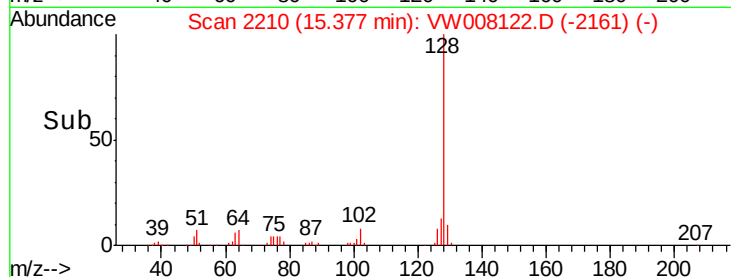
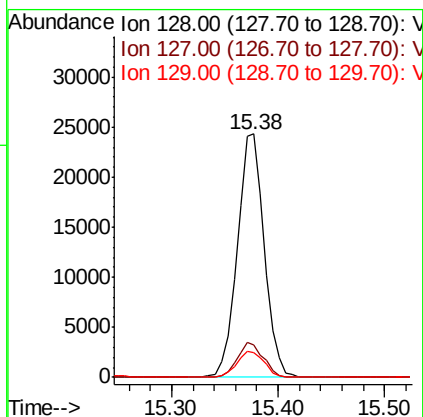
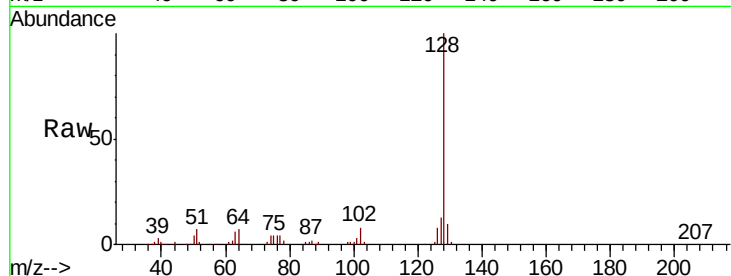




#95
Naphthalene
Concen: 21.657 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

Tgt Ion:128 Resp: 43072
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 22.347 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion:180 Resp: 20291
Ion Ratio Lower Upper
180 100
182 92.3 46.5 139.3
145 30.8 17.4 52.2

