

Data File : VW012789.D
Acq On : 09 Sep 2019 00:22
Operator : SY/VA
Sample : VW0908SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

Quant Time: Sep 09 06:05:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	265065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	114917	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	103248	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	7.88	113	77504	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.32	98	302106	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.62	95	106379	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	22767	23.333	ug/l	93
3) Chloromethane	2.21	50	26546	22.386	ug/l	94
4) Vinyl Chloride	2.35	62	33068	22.744	ug/l	98
5) Bromomethane	2.78	94	18922	23.966	ug/l	87
6) Chloroethane	2.92	64	19112	22.028	ug/l	97
7) Trichlorofluoromethane	3.25	101	20198	20.131	ug/l	99
8) Diethyl Ether	3.67	74	17312	20.529	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	33738	21.427	ug/l	95
10) Methyl Iodide	4.26	142	41943	21.160	ug/l	99
11) Tert butyl alcohol	5.21	59	16502	107.250	ug/l	97
12) 1,1-Dichloroethene	4.03	96	30388	20.445	ug/l	93
13) Acrolein	3.90	56	13074	80.072	ug/l	98
14) Allyl chloride	4.67	41	56288	18.307	ug/l	94
15) Acrylonitrile	5.37	53	50832	103.204	ug/l	99
16) Acetone	4.13	43	47979	87.514	ug/l	97
17) Carbon Disulfide	4.38	76	64836	20.550	ug/l	100
18) Methyl Acetate	4.67	43	28275	21.982	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	63030	21.382	ug/l	92
20) Methylene Chloride	4.92	84	35488	20.690	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	31569	20.816	ug/l	91
22) Diisopropyl ether	6.31	45	121892	19.988	ug/l	95
23) Vinyl Acetate	6.25	43	378672	97.981	ug/l	99
24) 1,1-Dichloroethane	6.21	63	67603	20.588	ug/l	99
25) 2-Butanone	7.17	43	69218	98.677	ug/l	96
26) 2,2-Dichloropropane	7.16	77	39493	19.043	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	37498	21.324	ug/l	95
28) Bromochloromethane	7.51	49	27267	18.085	ug/l	91
29) Tetrahydrofuran	7.54	42	46508	105.049	ug/l	98
30) Chloroform	7.67	83	68440	21.031	ug/l	95
31) Cyclohexane	7.95	56	60483	20.461	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	57260	21.707	ug/l	98
36) 1,1-Dichloropropene	8.08	75	50753	21.550	ug/l	98
37) Ethyl Acetate	7.25	43	31305	20.851	ug/l	99
38) Carbon Tetrachloride	8.07	117	51572	22.214	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58031	21.938	ug/l	94
40) Benzene	8.32	78	140136	21.446	ug/l	97
41) Methacrylonitrile	7.48	41	19916	21.855	ug/l	96
42) 1,2-Dichloroethane	8.40	62	51101	22.221	ug/l	100
43) Isopropyl Acetate	8.42	43	58645	20.618	ug/l	97
44) Trichloroethene	9.09	130	37074	22.010	ug/l	86
45) 1,2-Dichloropropane	9.37	63	35926	19.823	ug/l	98
46) Dibromomethane	9.46	93	19089	22.243	ug/l	97
47) Bromodichloromethane	9.64	83	49543	20.983	ug/l	100
48) Methyl methacrylate	9.43	41	27850	20.488	ug/l	97
49) 1,4-Dioxane	9.47	88	7695	453.921	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	157966	105.836	ug/l	99
52) Toluene	10.38	92	86624	21.240	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	47743	19.664	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	54912	19.937	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	27936	21.743	ug/l	94
56) Ethyl methacrylate	10.65	69	39566	21.037	ug/l	96
57) 1,3-Dichloropropane	10.93	76	50559	21.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	104397	104.557	ug/l	96
59) 2-Hexanone	10.97	43	107520	98.603	ug/l	99
60) Dibromochloromethane	11.13	129	31588	20.904	ug/l	100
61) 1,2-Dibromoethane	11.23	107	26360	22.378	ug/l	97
64) Tetrachloroethene	10.86	164	34756	24.512	ug/l	96
65) Chlorobenzene	11.65	112	91315	20.675	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	35927	21.843	ug/l	98
67) Ethyl Benzene	11.73	91	172515	20.818	ug/l	99
68) m/p-Xylenes	11.83	106	125458	41.943	ug/l	99
69) o-Xylene	12.16	106	58865	20.860	ug/l	97
70) Styrene	12.18	104	102743	20.604	ug/l	99
71) Bromoform	12.35	173	20057	21.948	ug/l #	98
73) Isopropylbenzene	12.46	105	171130	20.763	ug/l	100
74) N-amyl acetate	12.27	43	51532	19.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	34743	20.989	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	44737	38.072	ug/l #	100
77) Bromobenzene	12.74	156	39096	20.937	ug/l	99
78) n-propylbenzene	12.80	91	200149	20.304	ug/l	100
79) 2-Chlorotoluene	12.89	91	114857	20.296	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	143547	20.669	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10212	18.381	ug/l	97
82) 4-Chlorotoluene	12.99	91	121474	20.293	ug/l	99
83) tert-Butylbenzene	13.21	119	129061	21.016	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	141546	20.226	ug/l	100
85) sec-Butylbenzene	13.38	105	175066	20.544	ug/l	98
86) p-Isopropyltoluene	13.50	119	158388	20.349	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	73296	19.970	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	74269	20.335	ug/l	98
89) n-Butylbenzene	13.82	91	144106	19.070	ug/l	98
90) Hexachloroethane	14.09	117	28036	20.633	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	69146	20.931	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6423	21.204	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090819\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

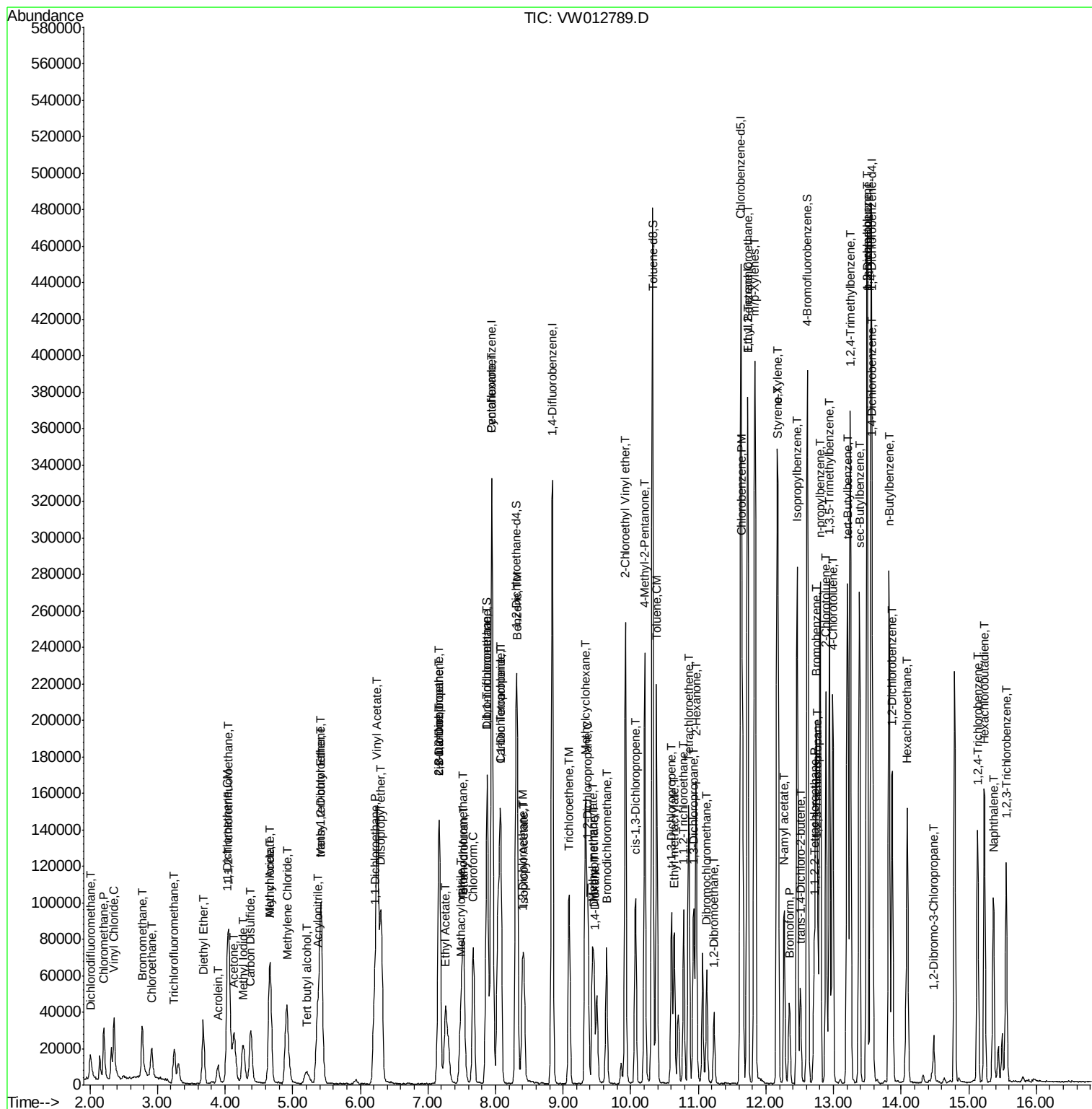
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	45480	19.774	ug/l	99
94) Hexachlorobutadiene	15.24	225	33151	20.824	ug/l	97
95) Naphthalene	15.36	128	87093	20.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	41063	20.226	ug/l	97

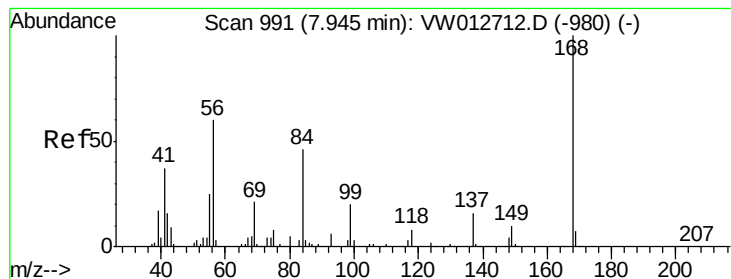
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

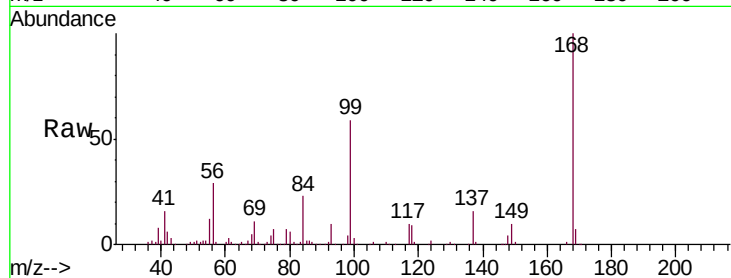
VW0908SBSD02

Tgt Ion:168 Resp: 179984

Ion Ratio Lower Upper

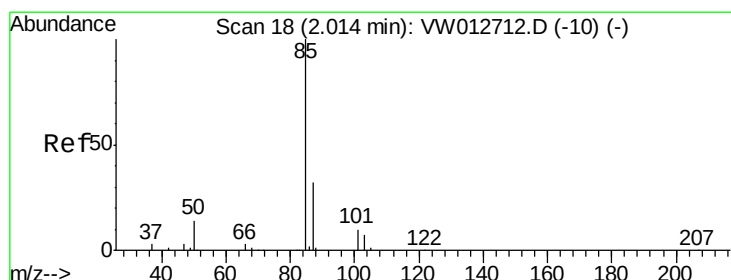
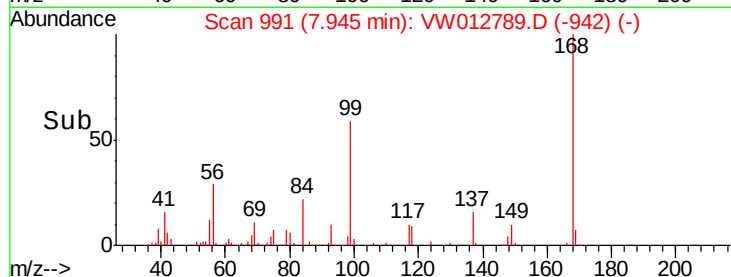
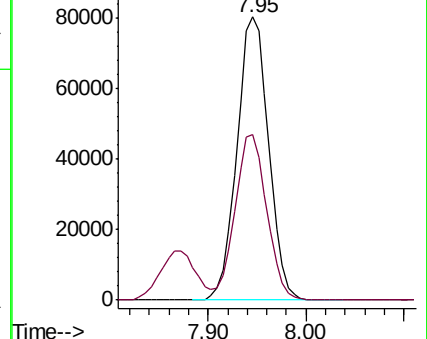
168 100

99 58.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.333 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012789.D

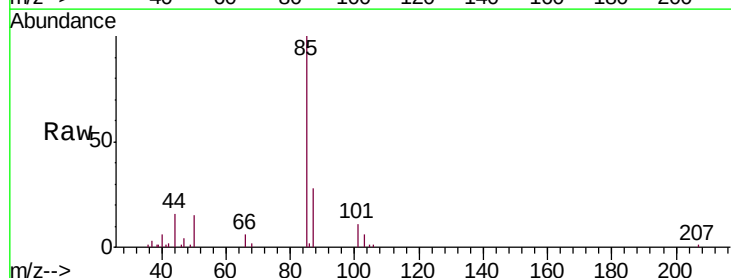
Acq: 09 Sep 2019 00:22

Tgt Ion: 85 Resp: 22767

Ion Ratio Lower Upper

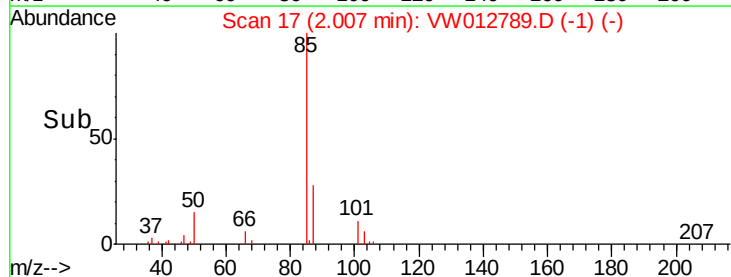
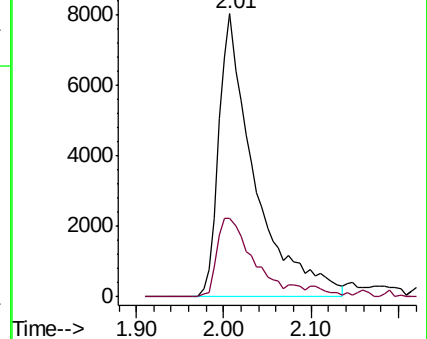
85 100

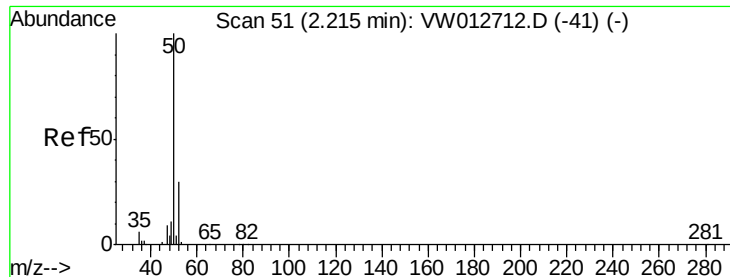
87 27.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.386 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

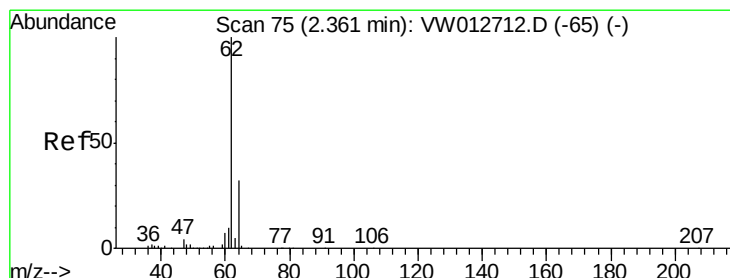
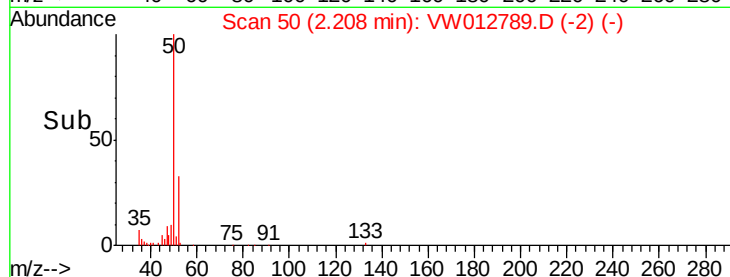
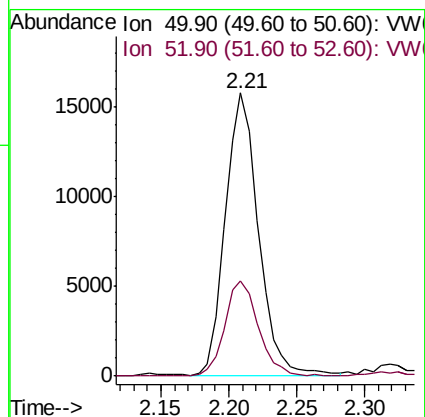
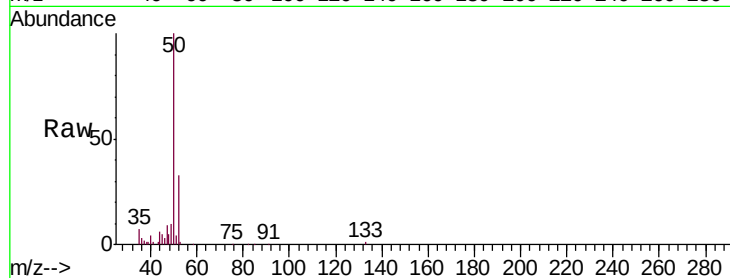
VW0908SBSD02

Tgt Ion: 50 Resp: 26546

Ion Ratio Lower Upper

50 100

52 33.6 24.2 36.2



#4

Vinyl Chloride

Concen: 22.744 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012789.D

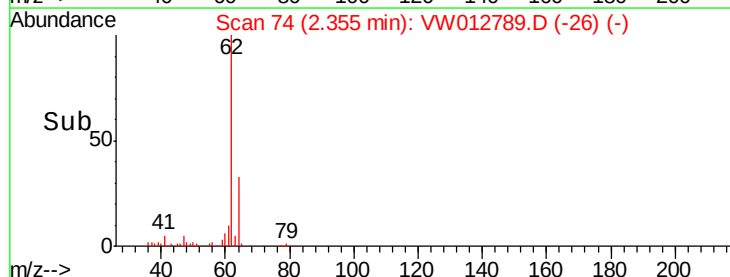
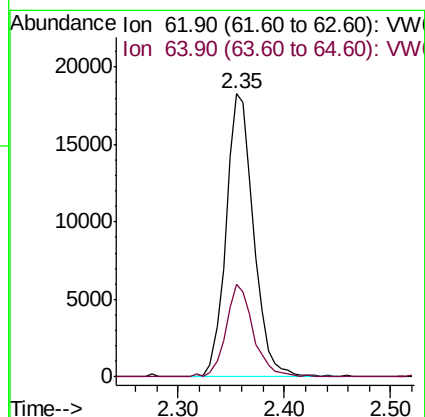
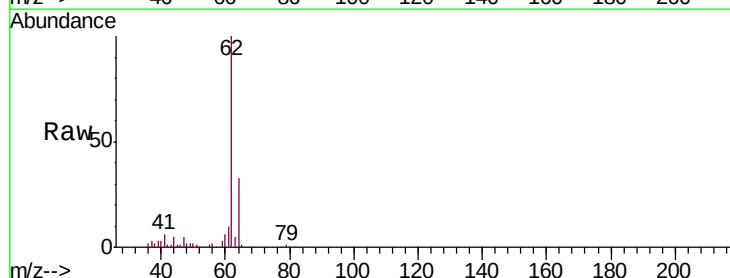
Acq: 09 Sep 2019 00:22

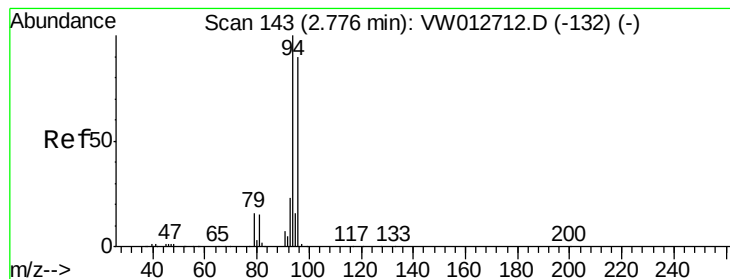
Tgt Ion: 62 Resp: 33068

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 23.966 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

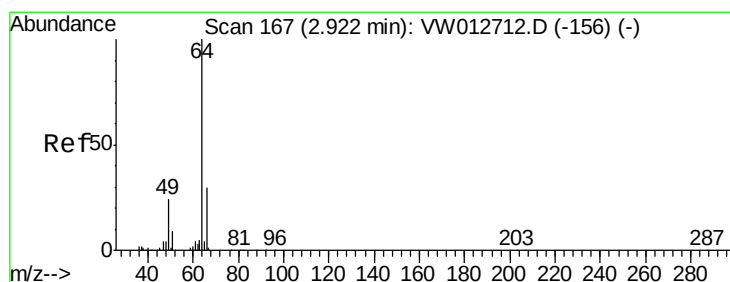
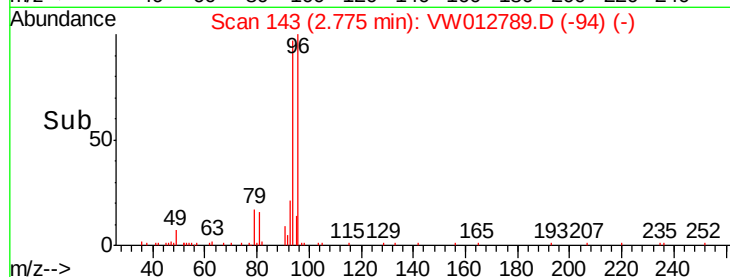
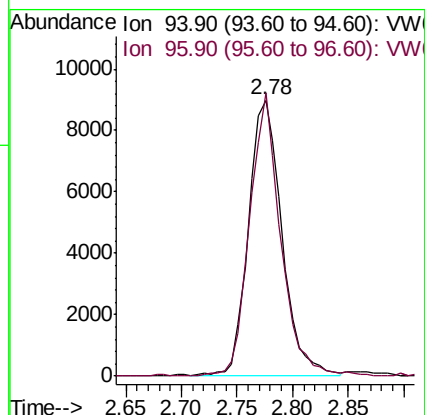
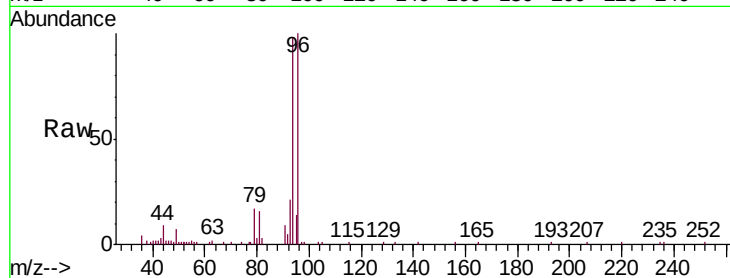
VW0908SBSD02

Tgt Ion: 94 Resp: 18922

Ion Ratio Lower Upper

94 100

96 102.5 72.1 108.1



#6

Chloroethane

Concen: 22.028 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012789.D

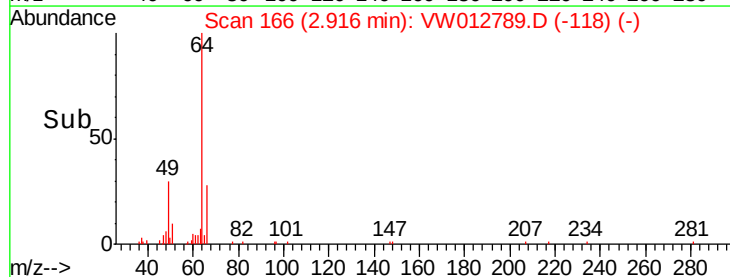
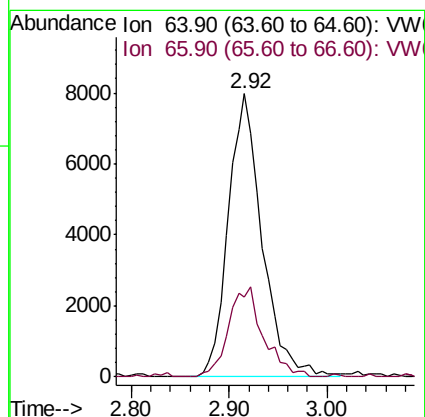
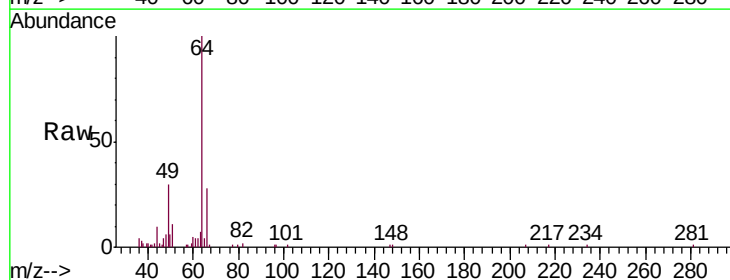
Acq: 09 Sep 2019 00:22

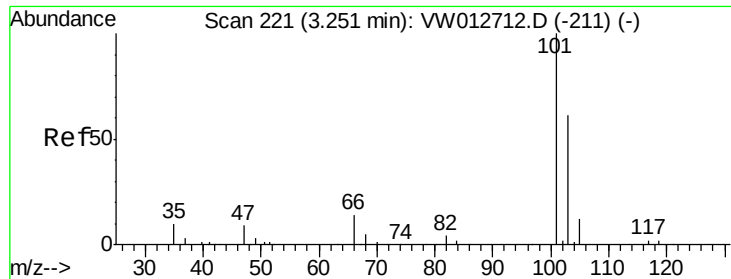
Tgt Ion: 64 Resp: 19112

Ion Ratio Lower Upper

64 100

66 28.1 23.8 35.6



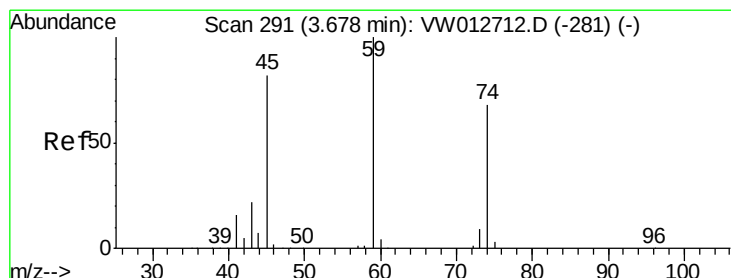
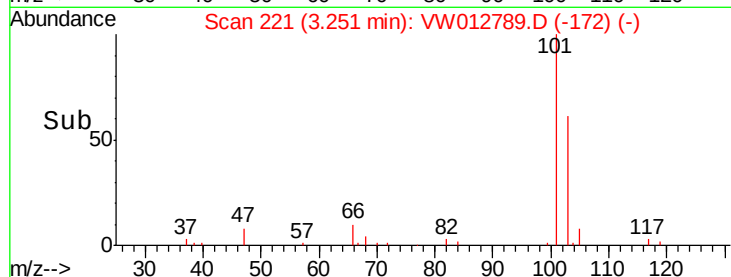
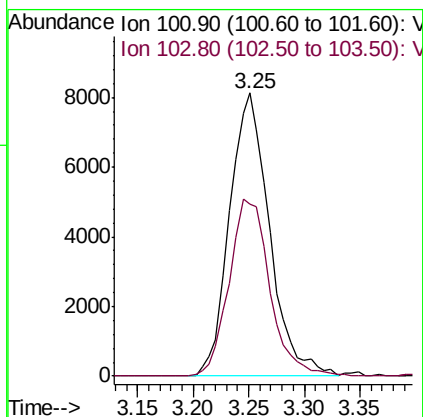
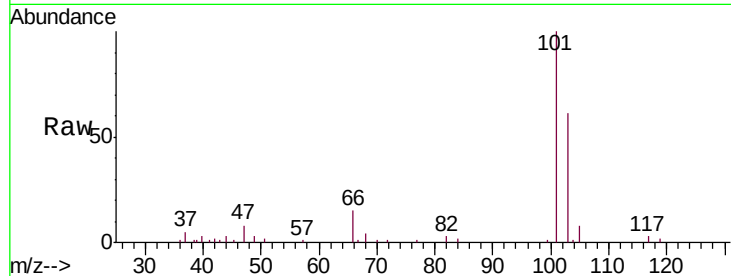


#7

Trichlorofluoromethane
 Concen: 20.131 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW012789.D
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Instrument :
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 VW0908SBSD02

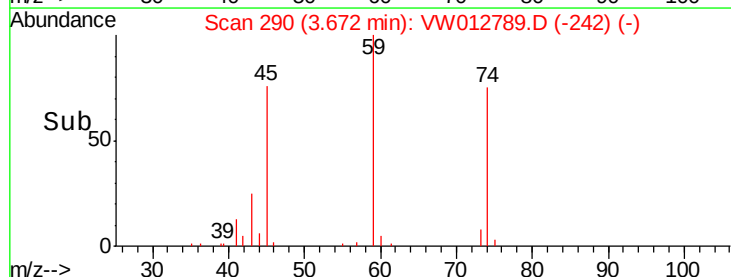
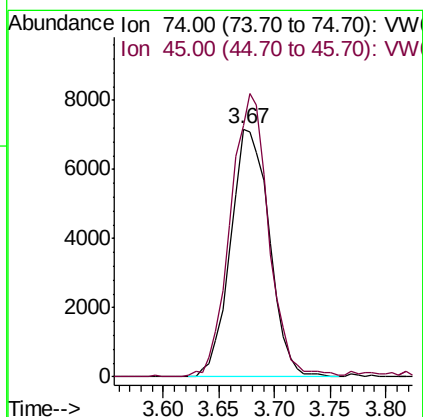
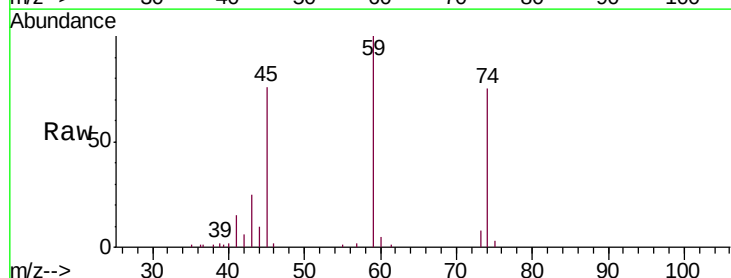
Tgt Ion:101 Resp: 20198
 Ion Ratio Lower Upper
 101 100
 103 60.8 49.0 73.4

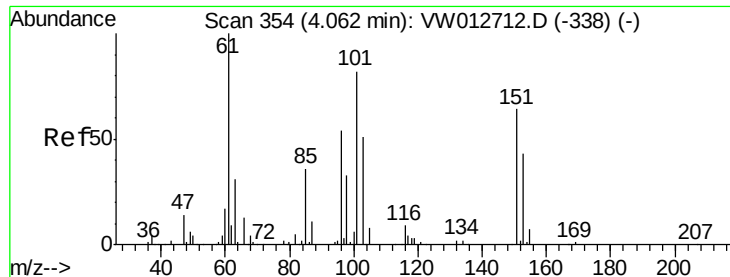


#8

Diethyl Ether
 Concen: 20.529 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 74 Resp: 17312
 Ion Ratio Lower Upper
 74 100
 45 113.3 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.427 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW012789.D

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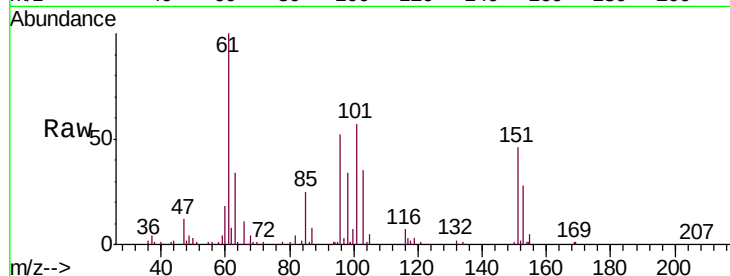
Tgt Ion:101 Resp: 33738

Ion Ratio Lower Upper

101 100

85 46.0 36.2 54.2

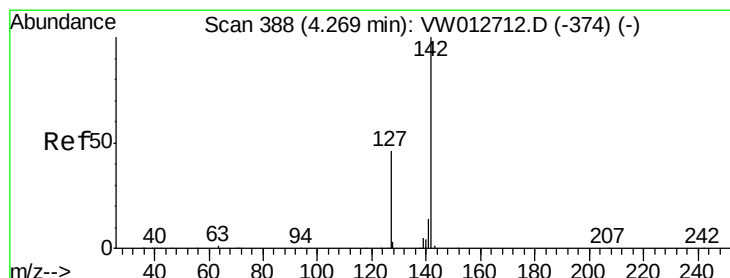
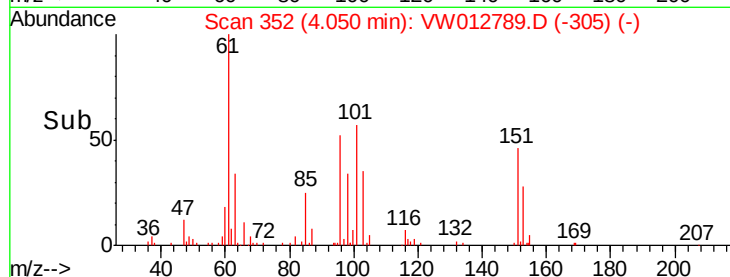
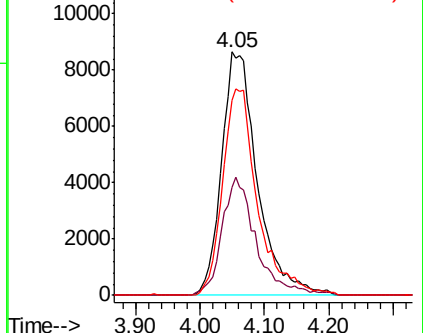
151 83.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.160 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

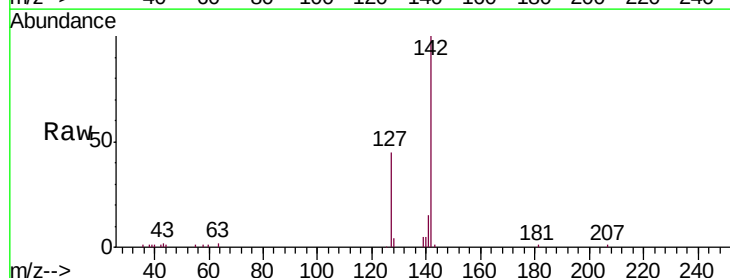
Tgt Ion:142 Resp: 41943

Ion Ratio Lower Upper

142 100

127 45.7 36.0 54.0

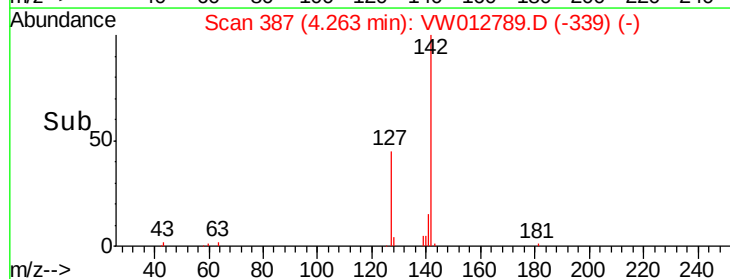
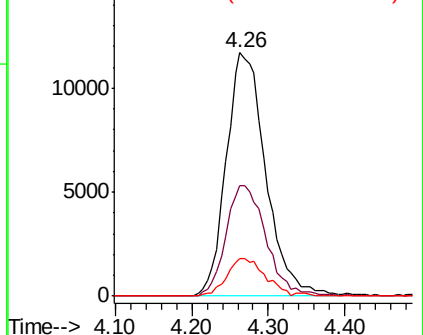
141 15.0 12.2 18.4

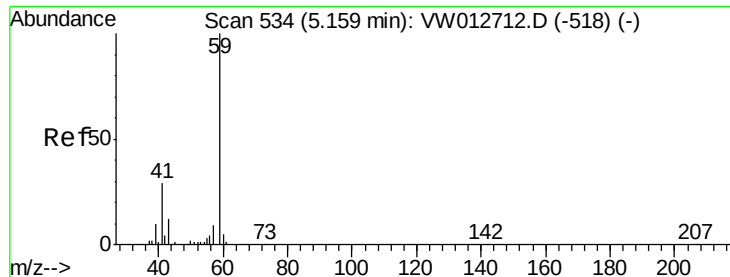


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

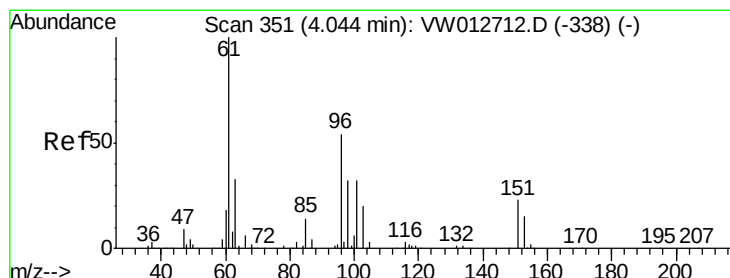
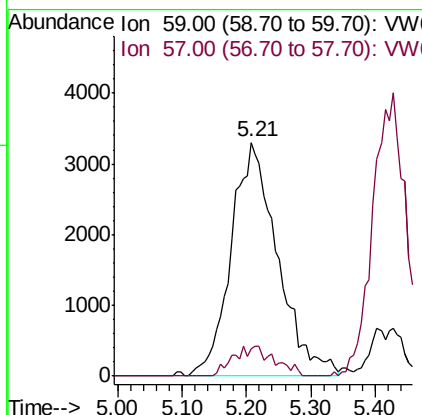
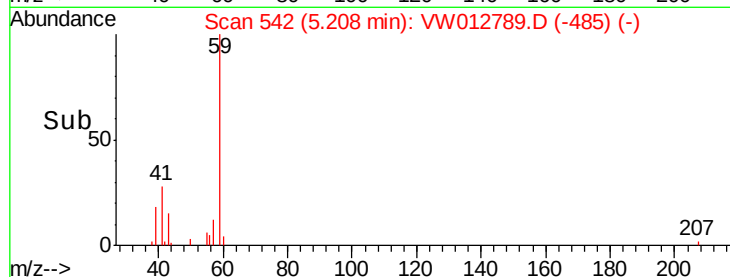
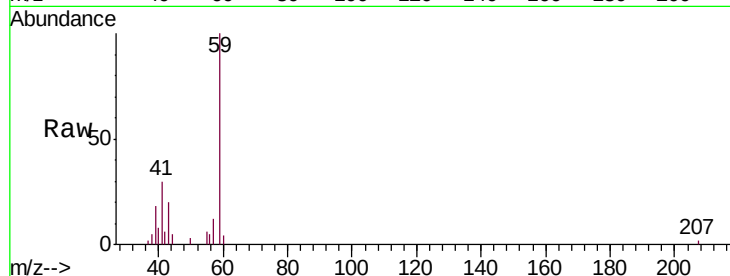




#11
Tert butyl alcohol
Concen: 107.250 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.05 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

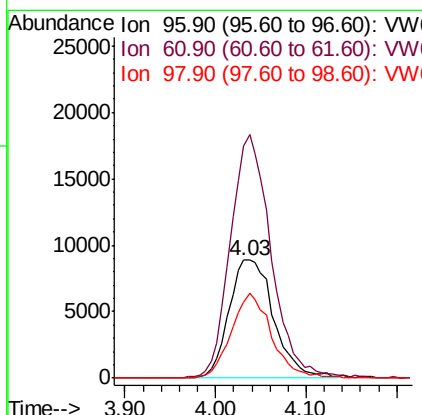
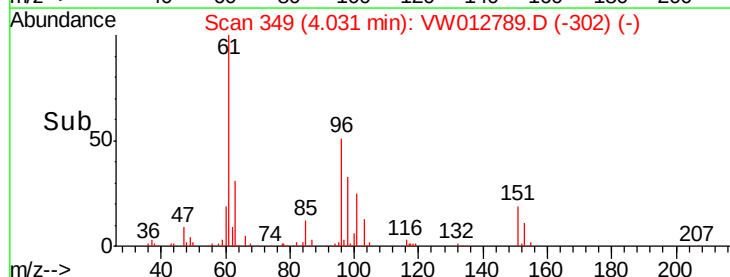
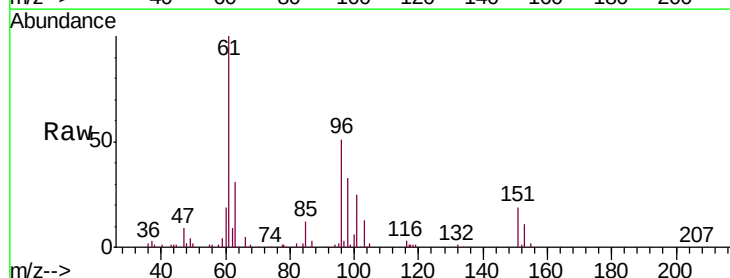
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

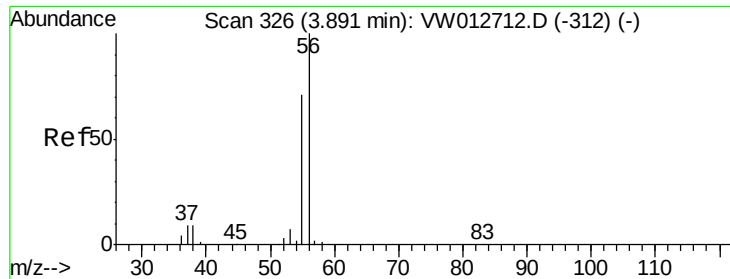
Tgt Ion: 59 Resp: 16502
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.445 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 96 Resp: 30388
Ion Ratio Lower Upper
96 100
61 195.1 147.8 221.6
98 64.1 47.9 71.9





#13

Acrolein

Concen: 80.072 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

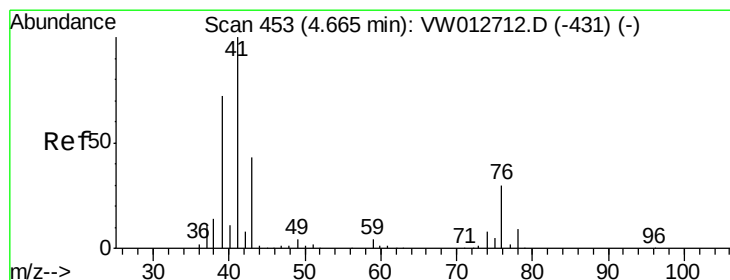
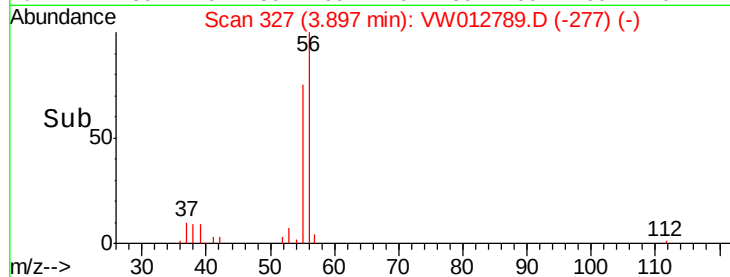
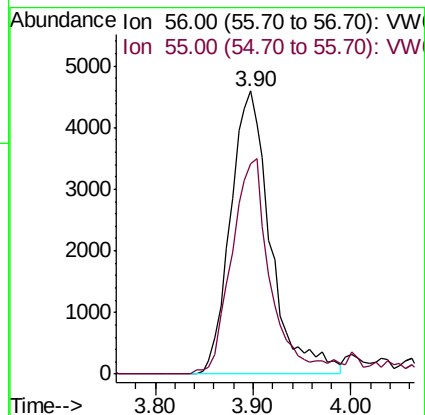
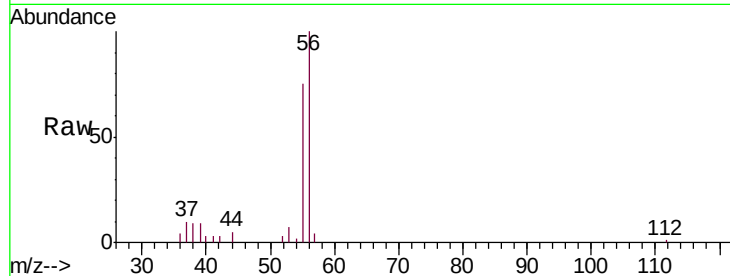
VW0908SBSD02

Tgt Ion: 56 Resp: 13074

Ion Ratio Lower Upper

56 100

55 72.8 56.9 85.3



#14

Allyl chloride

Concen: 18.307 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

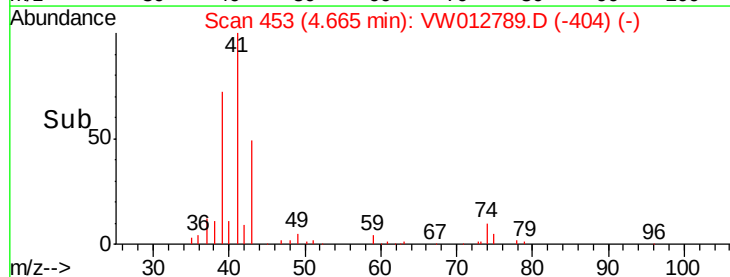
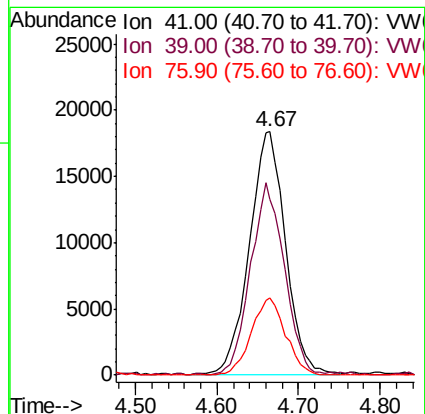
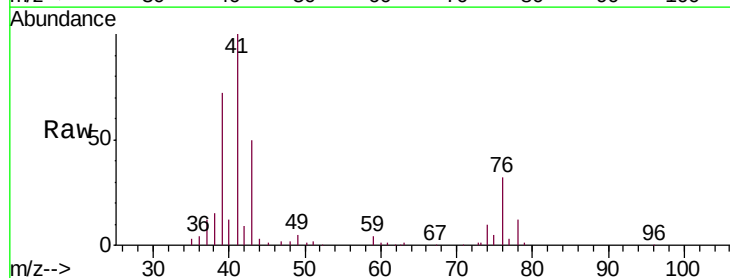
Tgt Ion: 41 Resp: 56288

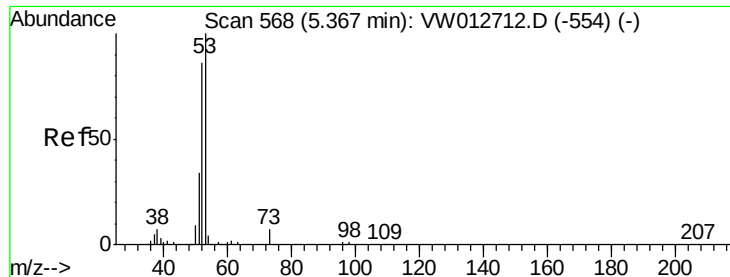
Ion Ratio Lower Upper

41 100

39 75.0 55.0 82.6

76 30.1 23.0 34.4





#15

Acrylonitrile

Concen: 103.204 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD02

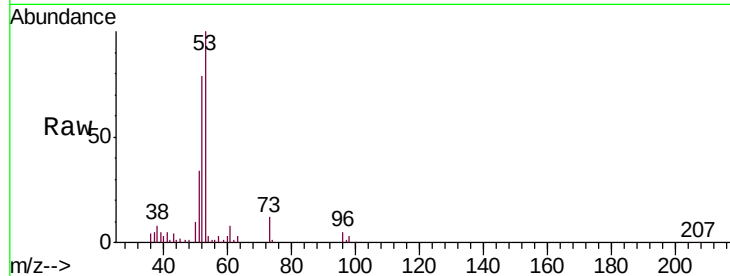
Tgt Ion: 53 Resp: 50832

Ion Ratio Lower Upper

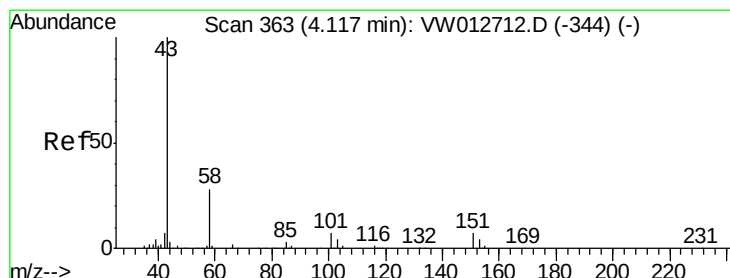
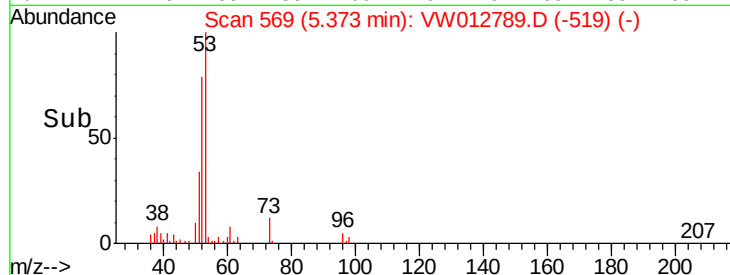
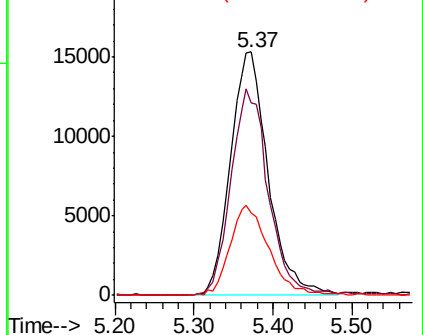
53 100

52 83.6 67.0 100.4

51 38.2 29.8 44.8



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: 87.514 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012789.D

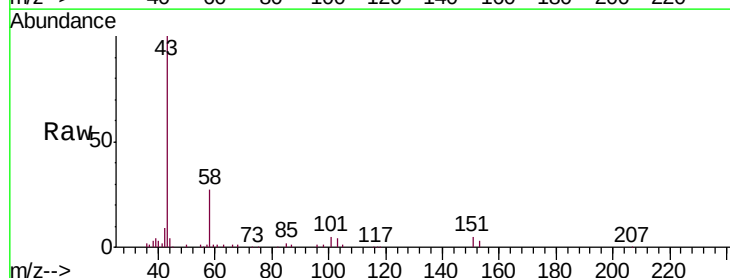
Acq: 09 Sep 2019 00:22

Tgt Ion: 43 Resp: 47979

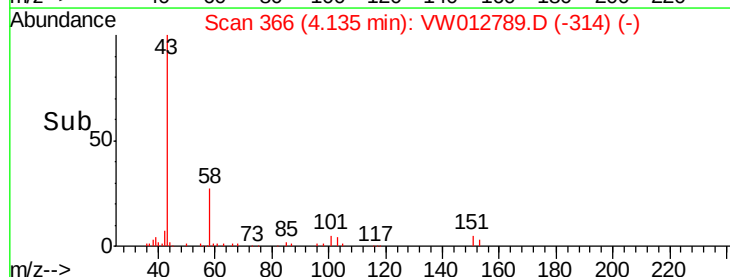
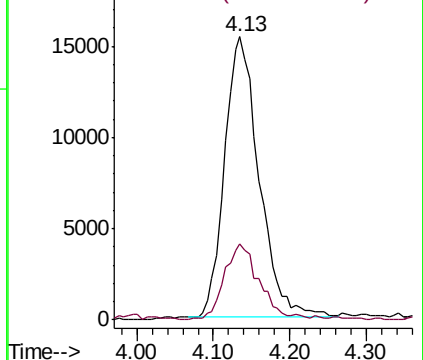
Ion Ratio Lower Upper

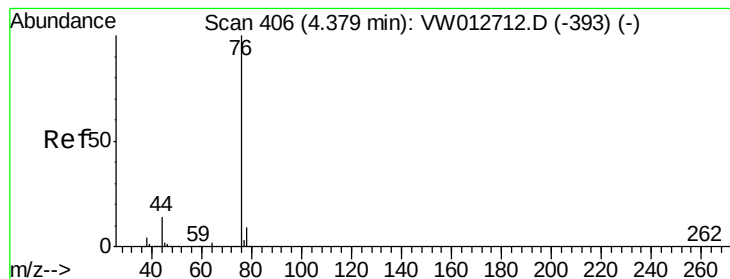
43 100

58 26.8 22.6 33.8



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





#17

Carbon Disulfide

Concen: 20.550 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

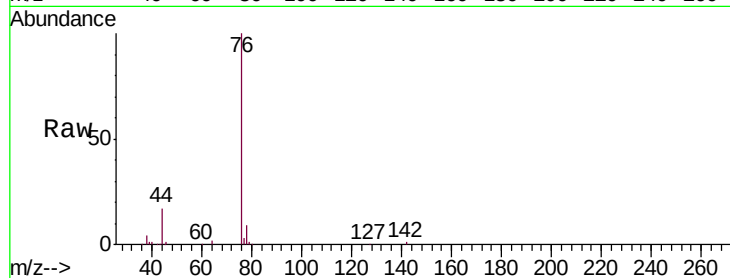
VW0908SBSD02

Tgt Ion: 76 Resp: 64836

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

25000

20000

15000

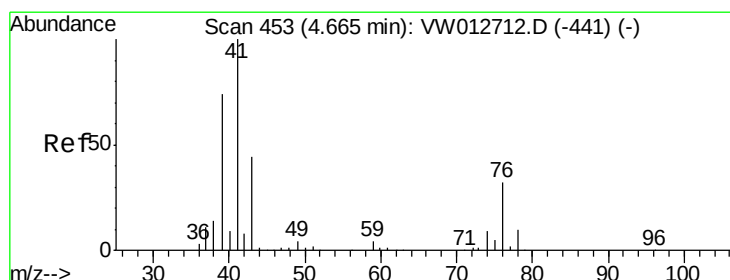
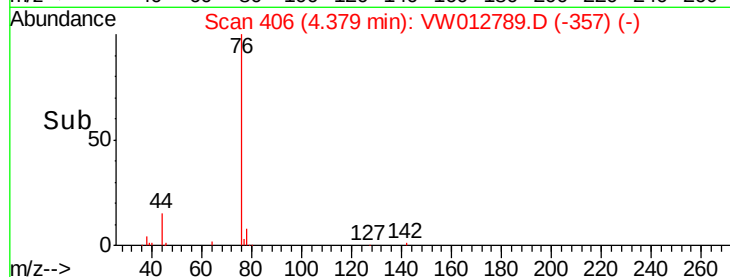
10000

5000

0

4.30 4.40 4.50

Time-->



#18

Methyl Acetate

Concen: 21.982 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012789.D

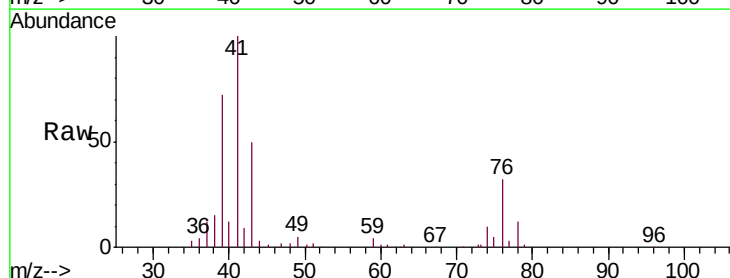
Acq: 09 Sep 2019 00:22

Tgt Ion: 43 Resp: 28275

Ion Ratio Lower Upper

43 100

74 20.0 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

10000

8000

6000

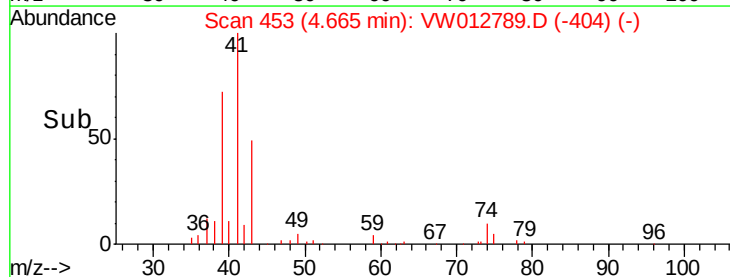
4000

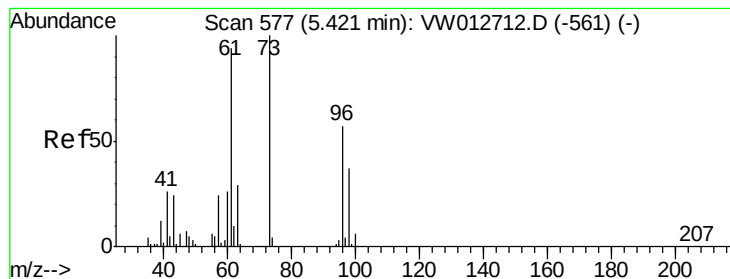
2000

0

4.60 4.70 4.80

Time-->





#19

Methyl tert-butyl Ether

Concen: 21.382 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

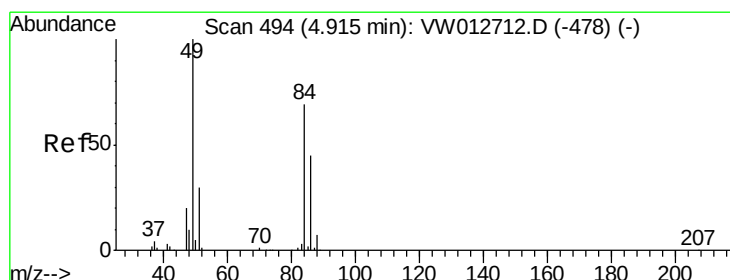
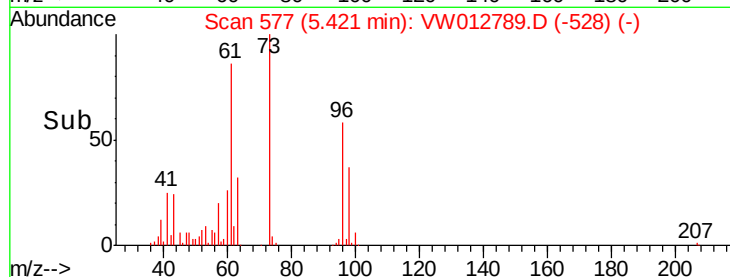
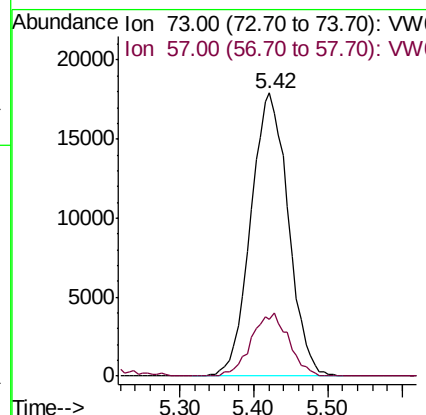
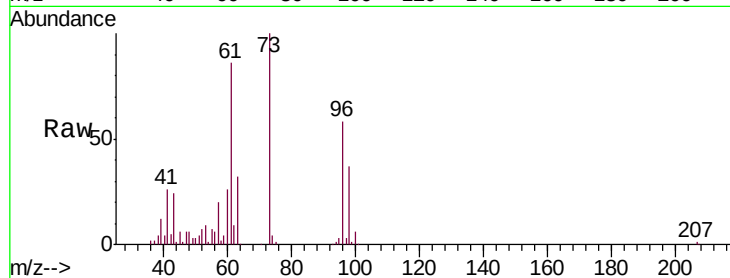
VW0908SBSD02

Tgt Ion: 73 Resp: 63030

Ion Ratio Lower Upper

73 100

57 20.1 19.2 28.8



#20

Methylene Chloride

Concen: 20.690 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Tgt Ion: 84 Resp: 35488

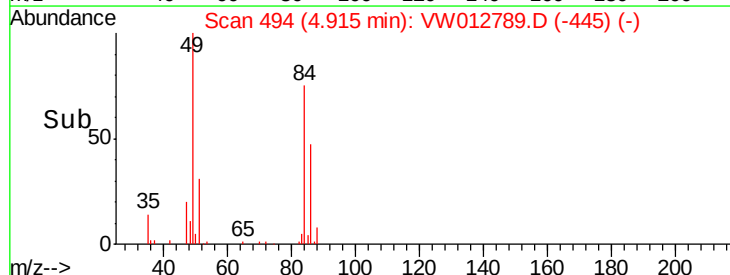
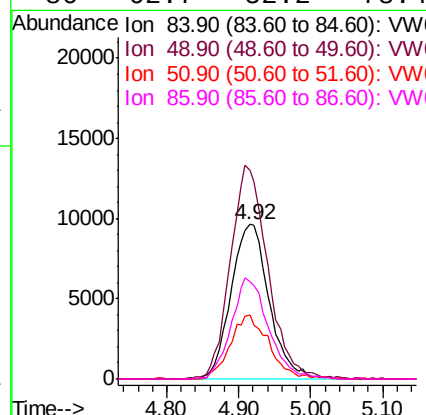
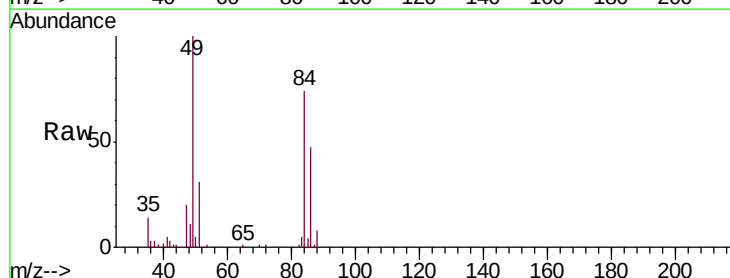
Ion Ratio Lower Upper

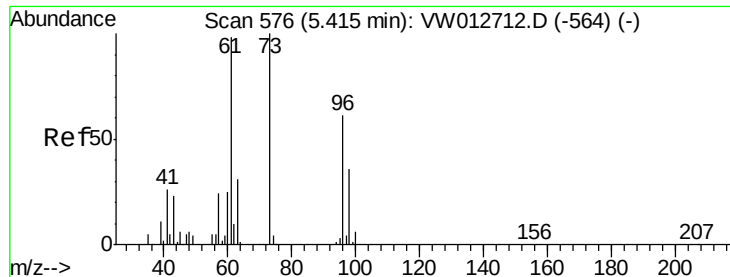
84 100

49 134.1 115.4 173.0

51 41.5 34.9 52.3

86 62.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.816 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD02

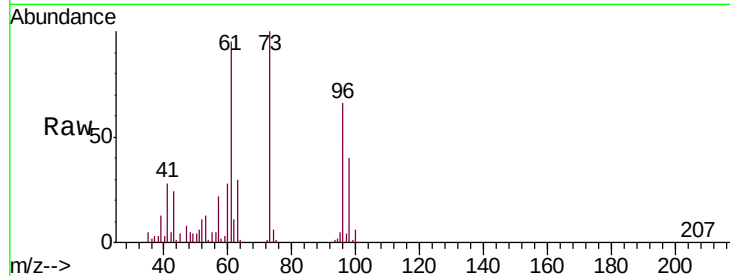
Tgt Ion: 96 Resp: 31569

Ion Ratio Lower Upper

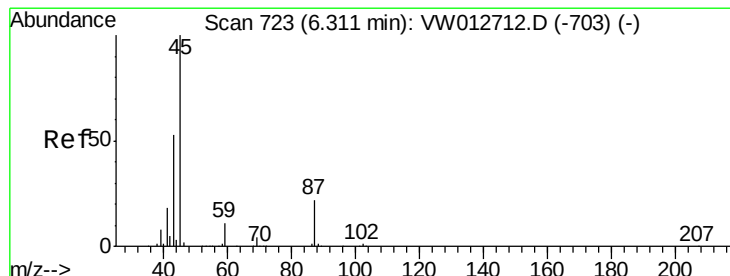
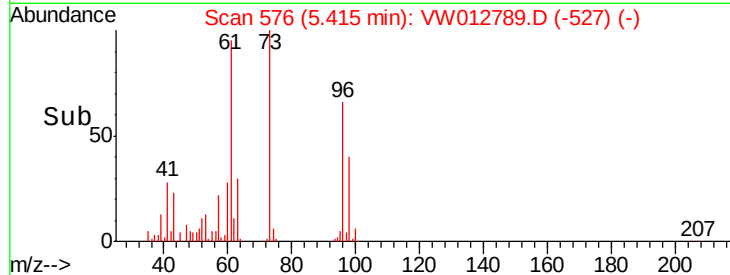
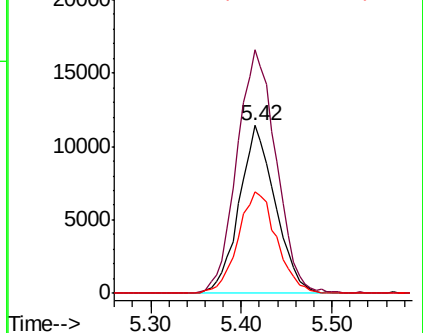
96 100

61 144.5 129.2 193.8

98 60.2 48.0 72.0



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



#22

Diisopropyl ether

Concen: 19.988 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Tgt Ion: 45 Resp: 121892

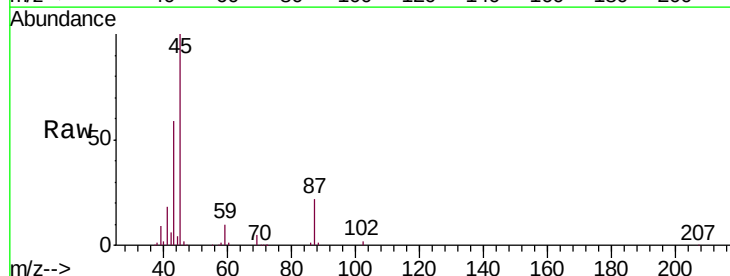
Ion Ratio Lower Upper

45 100

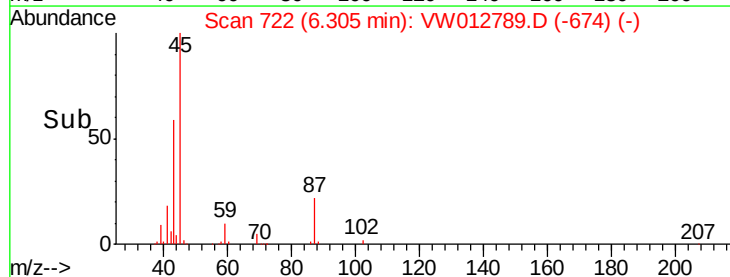
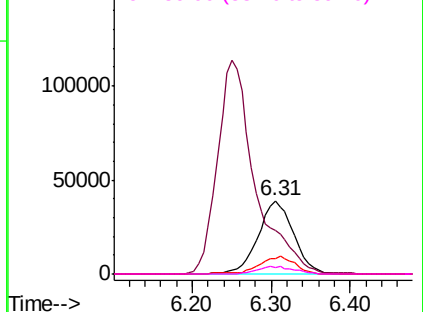
43 57.5 42.3 63.5

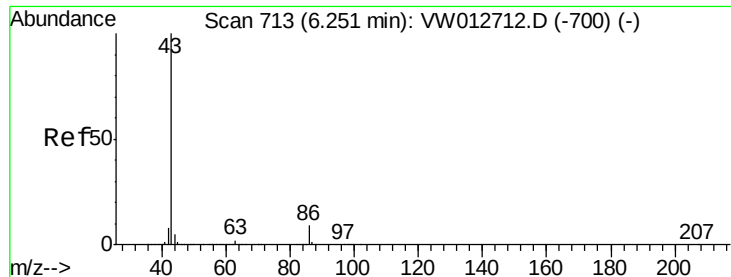
87 21.4 18.2 27.2

59 9.4 8.5 12.7



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

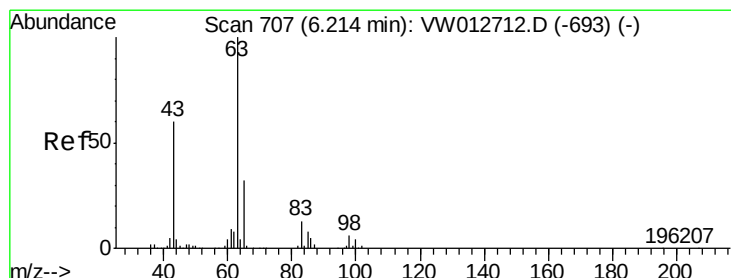
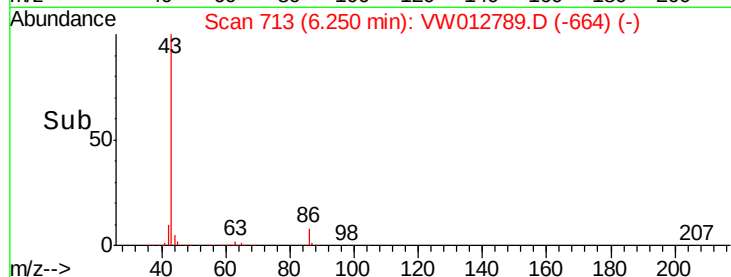
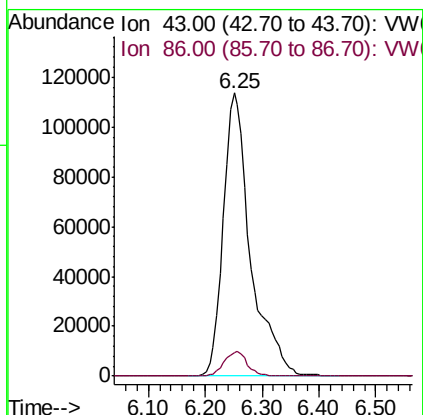
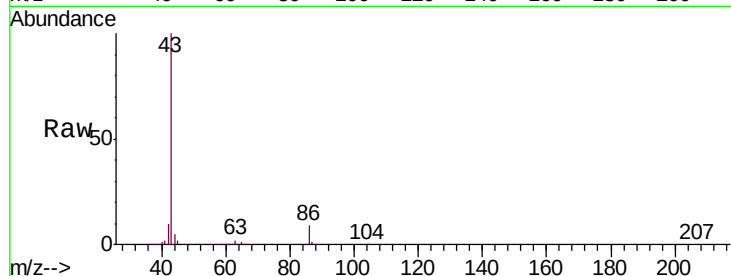




#23
 Vinyl Acetate
 Concen: 97.981 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

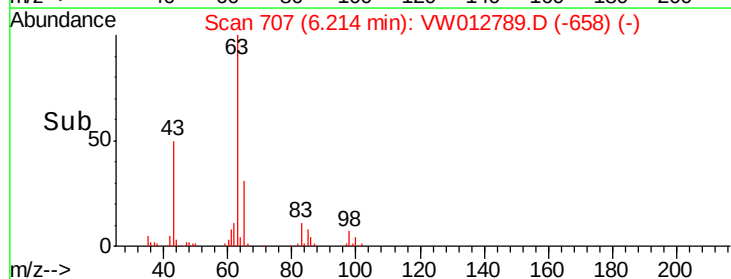
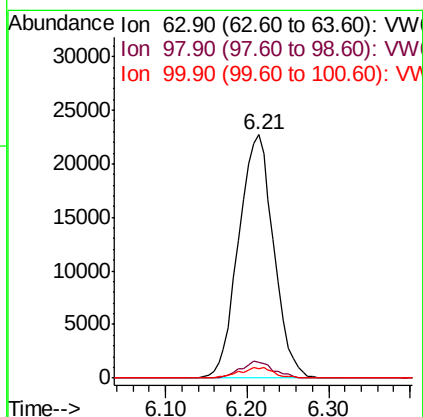
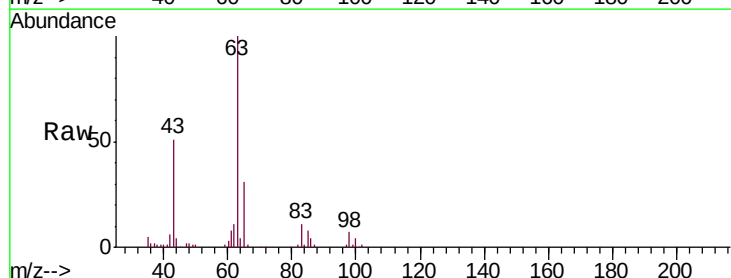
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

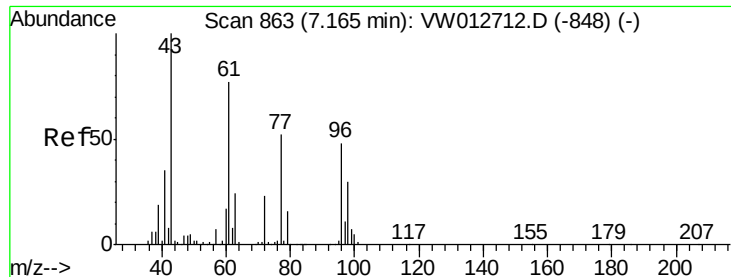
Tgt Ion: 43 Resp: 378672
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 20.588 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 63 Resp: 67603
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 3.8 1.8 5.5





#25

2-Butanone

Concen: 98.677 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

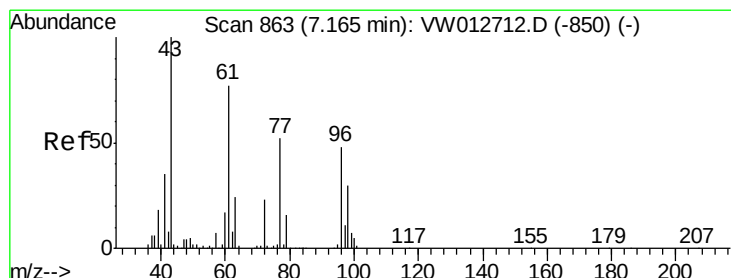
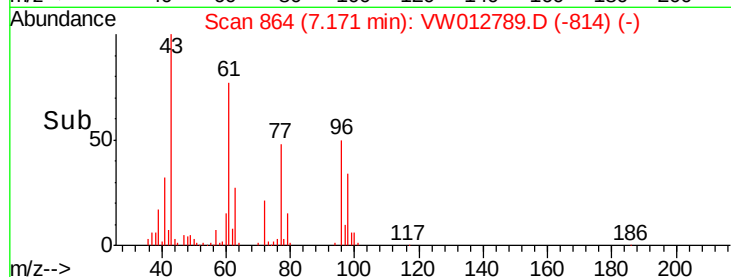
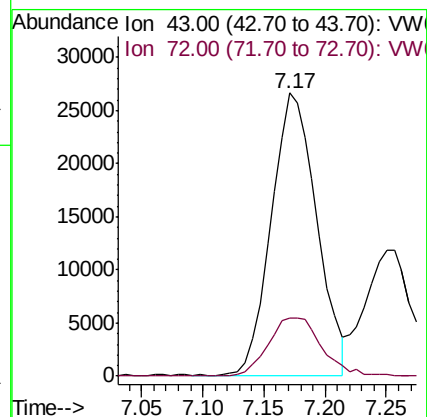
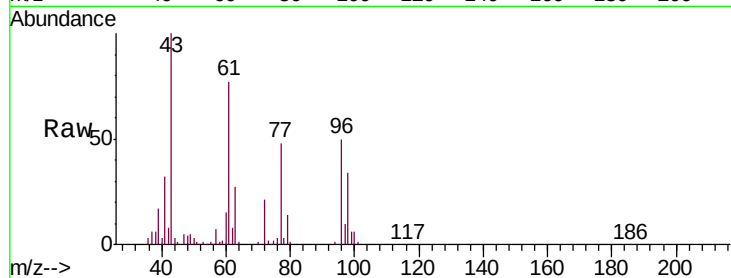
VW0908SBSD02

Tgt Ion: 43 Resp: 69218

Ion Ratio Lower Upper

43 100

72 20.8 18.0 27.0



#26

2,2-Dichloropropane

Concen: 19.043 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012789.D

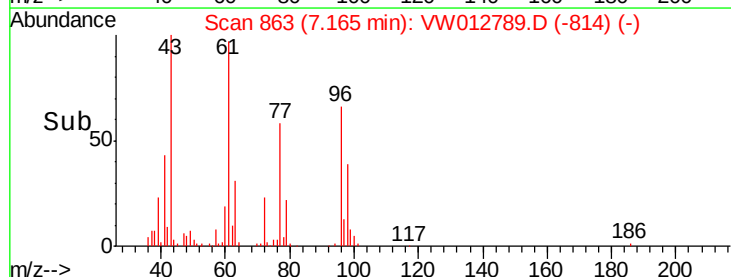
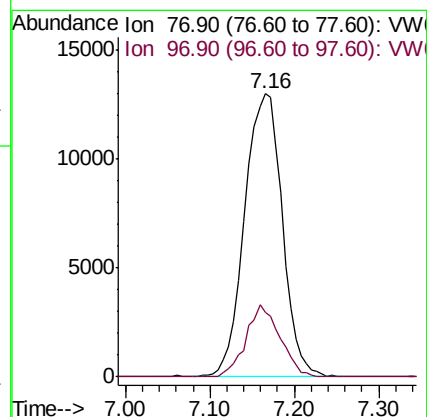
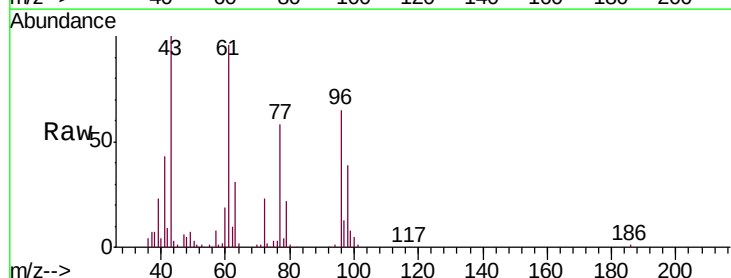
Acq: 09 Sep 2019 00:22

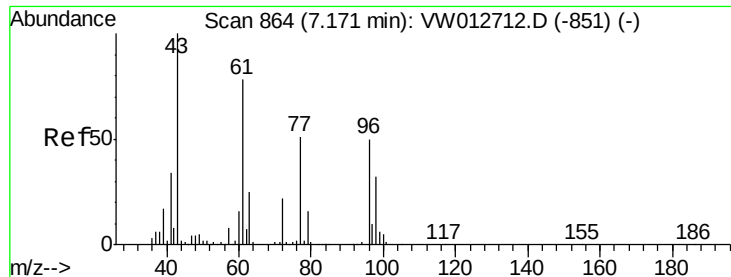
Tgt Ion: 77 Resp: 39493

Ion Ratio Lower Upper

77 100

97 22.9 10.7 32.1



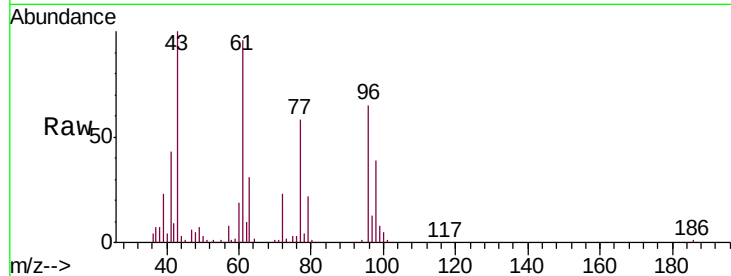


#27

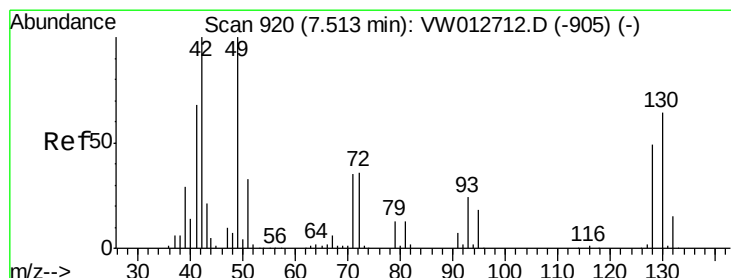
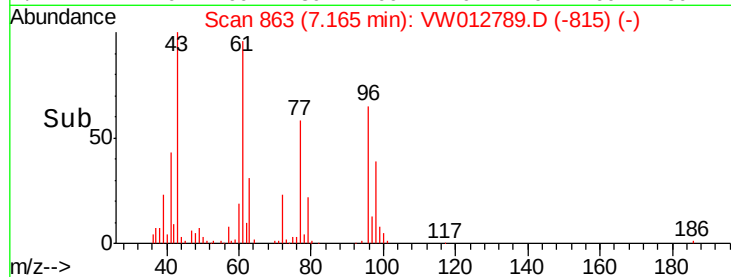
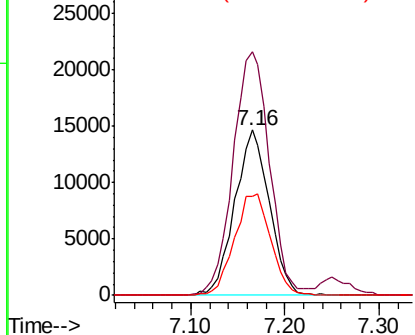
cis-1,2-Dichloroethene
 Concen: 21.324 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

Tgt Ion: 96 Resp: 37498
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 325.8
 98 64.4 0.0 127.0



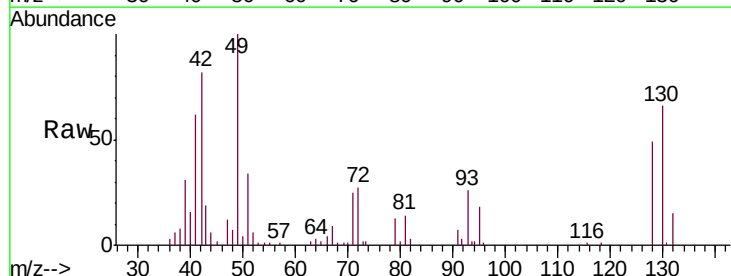
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



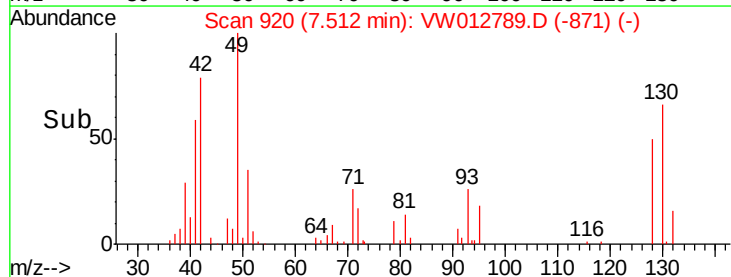
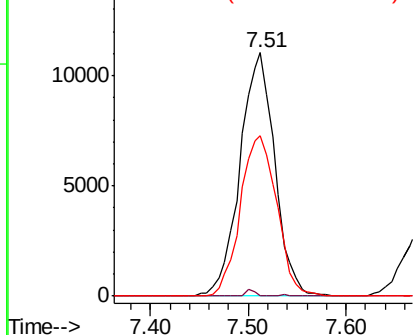
#28

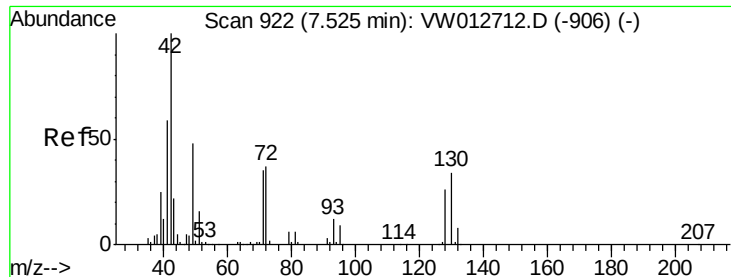
Bromochloromethane
 Concen: 18.085 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 49 Resp: 27267
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 0.8
 130 69.1 49.8 74.8



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

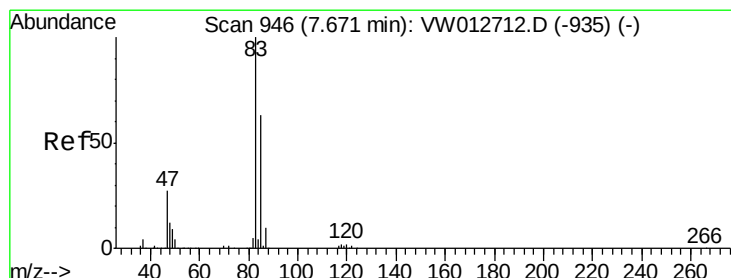
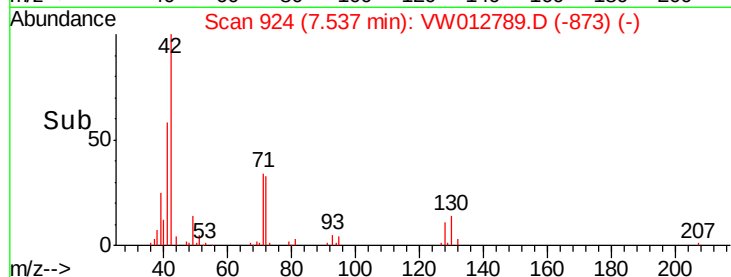
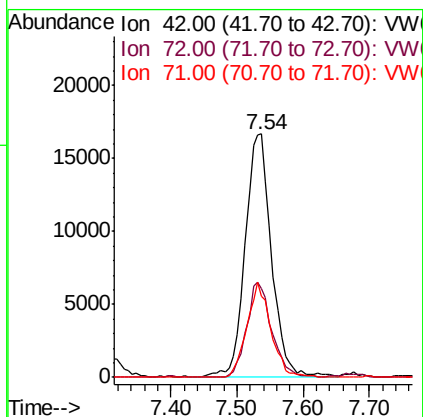
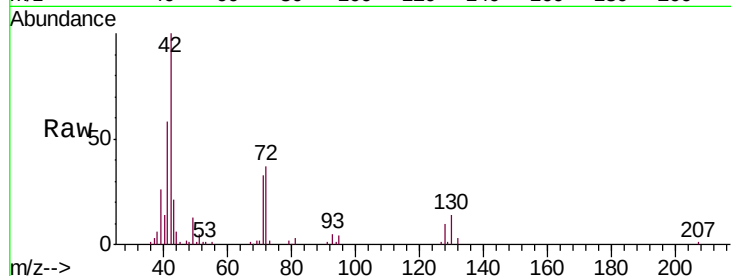




#29
Tetrahydrofuran
Concen: 105.049 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

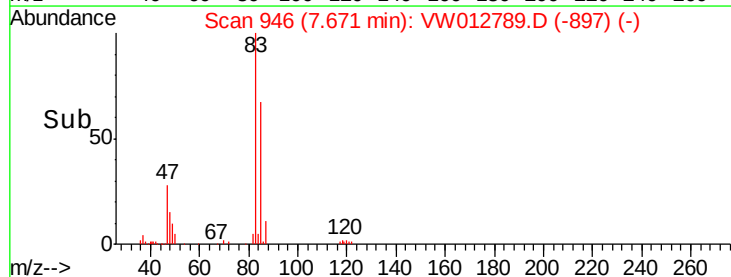
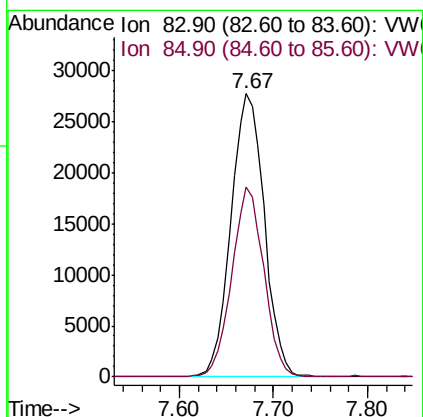
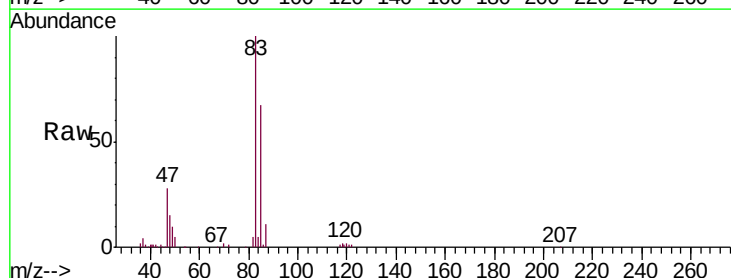
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

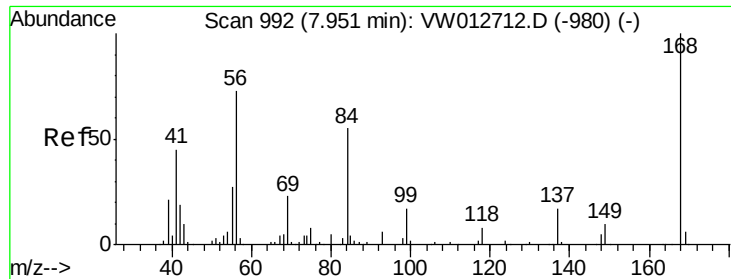
Tgt Ion: 42 Resp: 46508
Ion Ratio Lower Upper
42 100
72 37.0 28.4 42.6
71 35.2 27.1 40.7



#30
Chloroform
Concen: 21.031 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 83 Resp: 68440
Ion Ratio Lower Upper
83 100
85 67.0 50.6 76.0

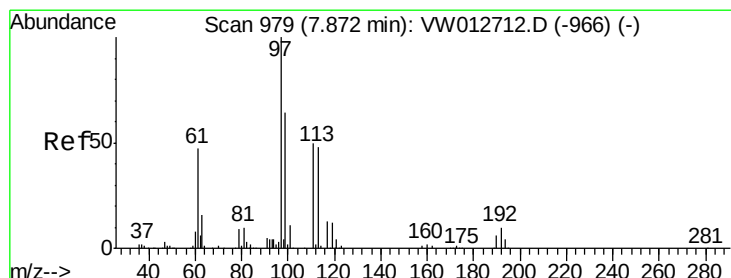
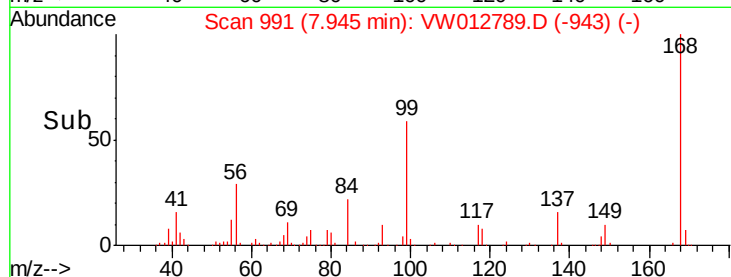
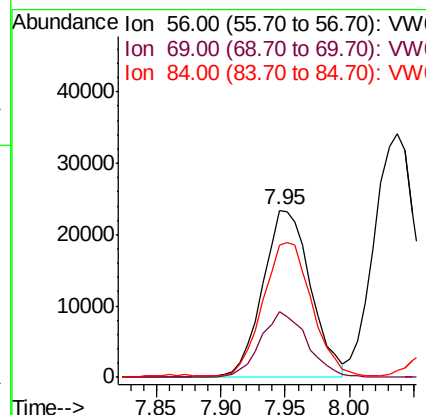
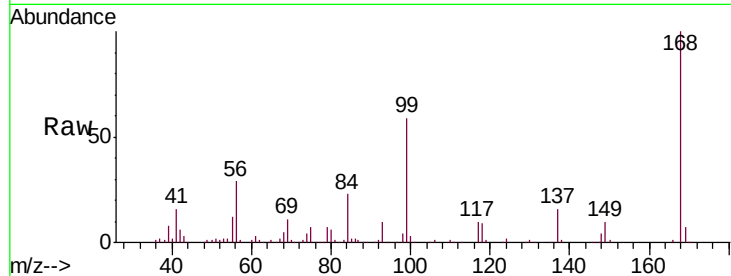




#31
Cyclohexane
Concen: 20.461 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

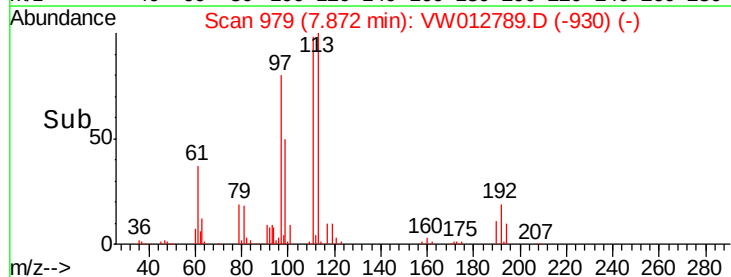
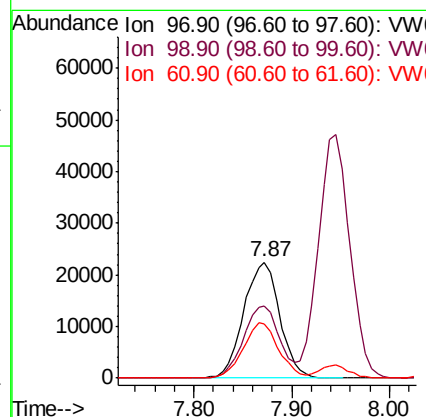
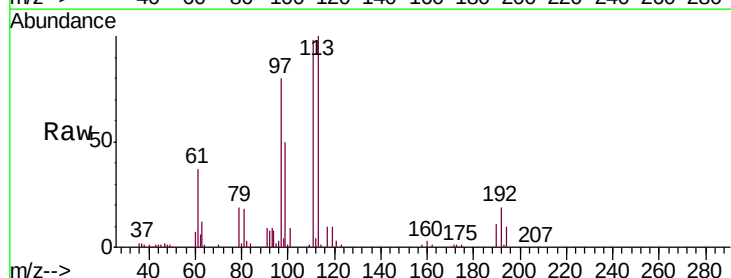
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

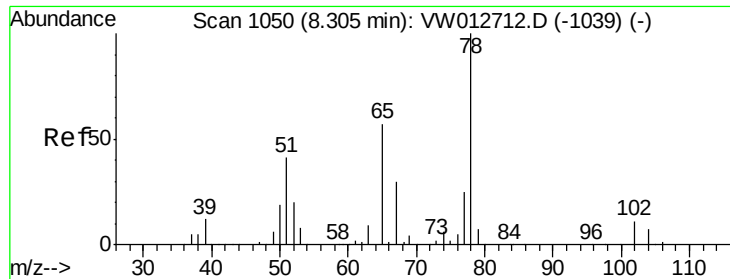
Tgt Ion: 56 Resp: 60483
Ion Ratio Lower Upper
56 100
69 38.7 25.7 38.5#
84 77.6 60.4 90.6



#32
1,1,1-Trichloroethane
Concen: 21.707 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 97 Resp: 57260
Ion Ratio Lower Upper
97 100
99 62.4 51.5 77.3
61 47.2 37.9 56.9

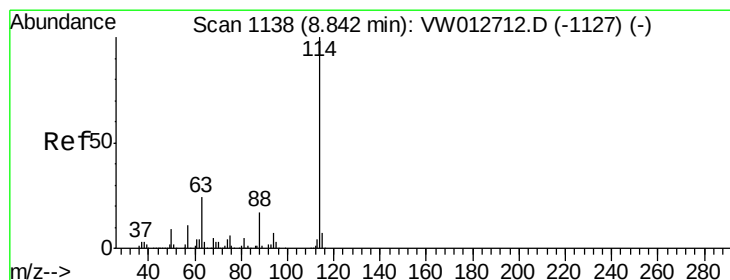
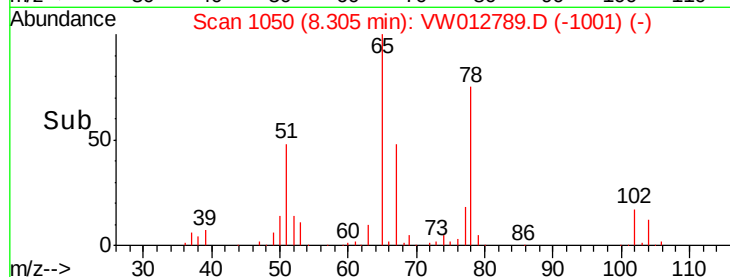
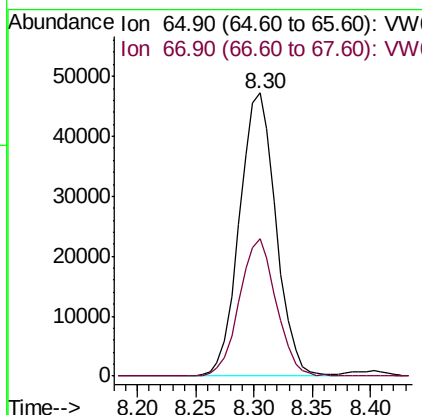
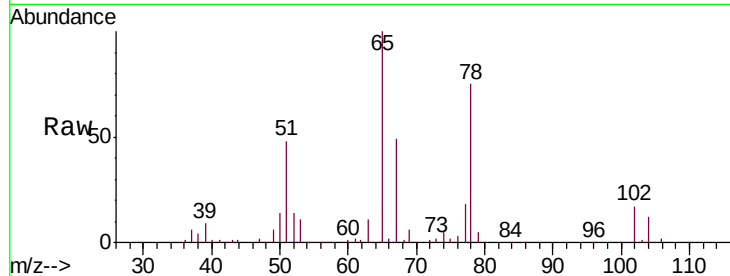




#33
 1,2-Dichloroethane-d4
 Concen: 51.341 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

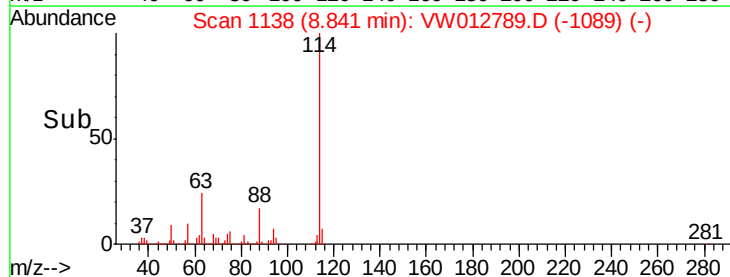
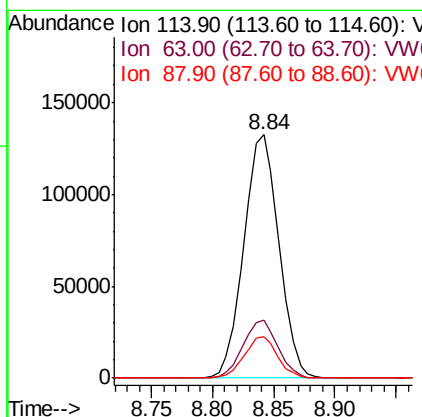
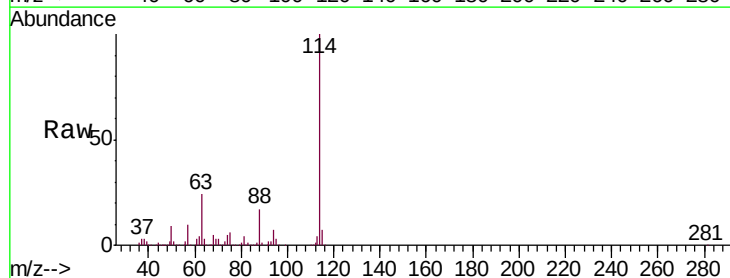
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

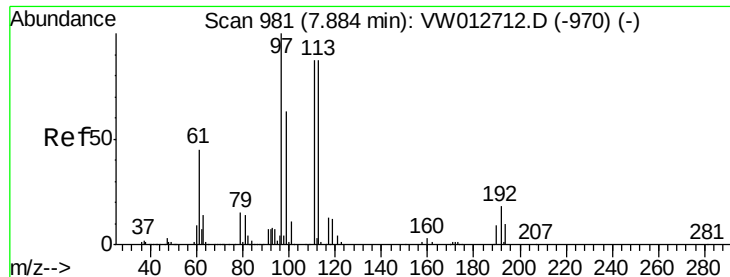
Tgt Ion: 65 Resp: 103248
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 114 Resp: 265065
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.181 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD02

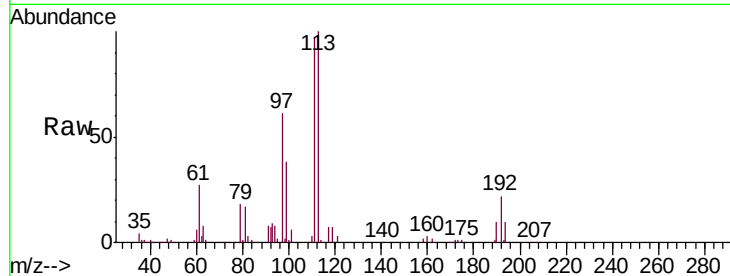
Tgt Ion:113 Resp: 77504

Ion Ratio Lower Upper

113 100

111 100.4 80.2 120.4

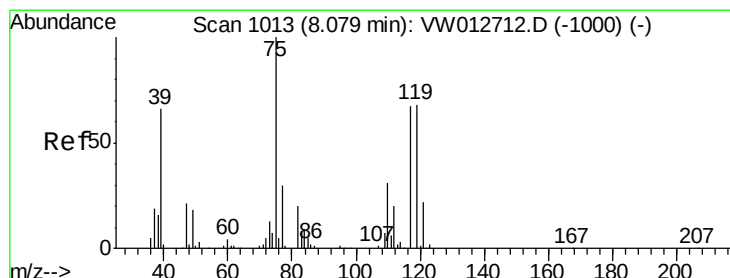
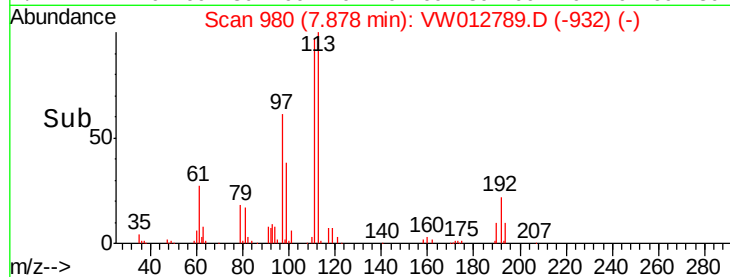
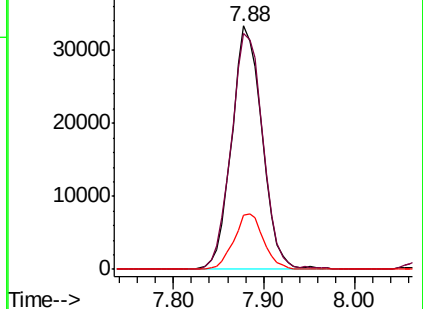
192 22.4 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.550 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

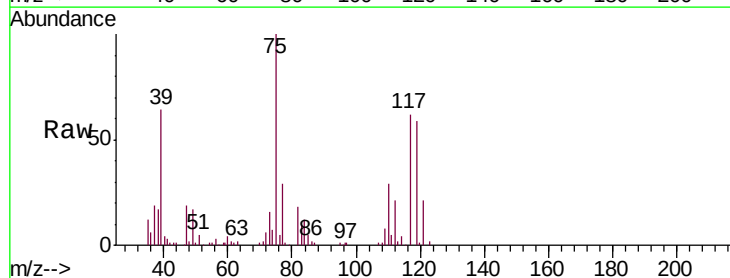
Tgt Ion: 75 Resp: 50753

Ion Ratio Lower Upper

75 100

110 33.1 15.9 47.7

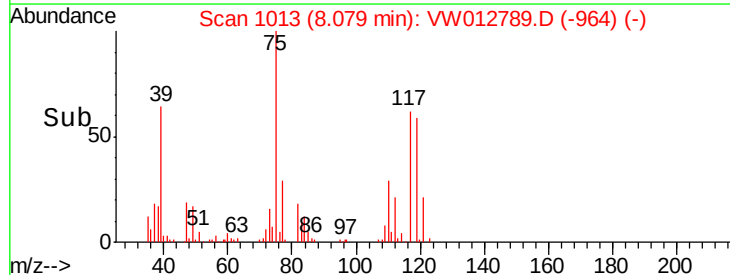
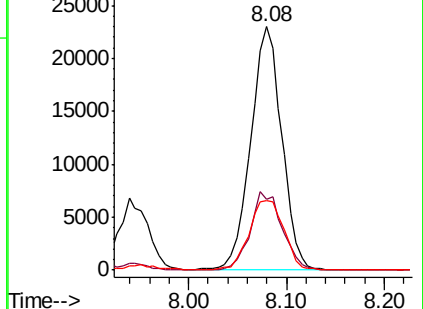
77 32.4 25.0 37.4

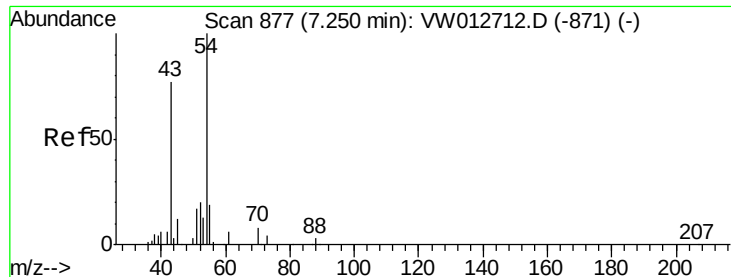


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

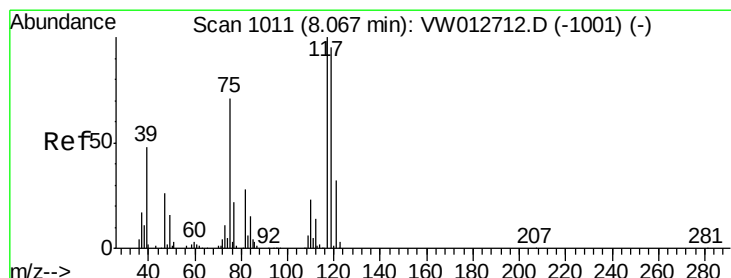
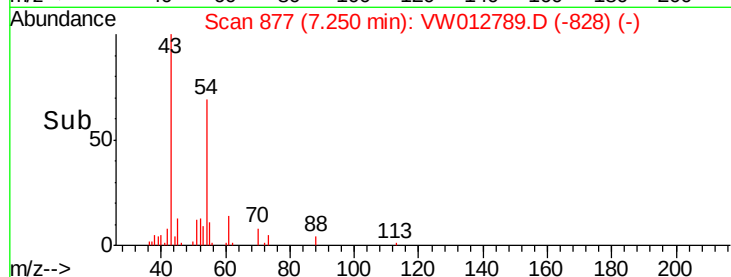
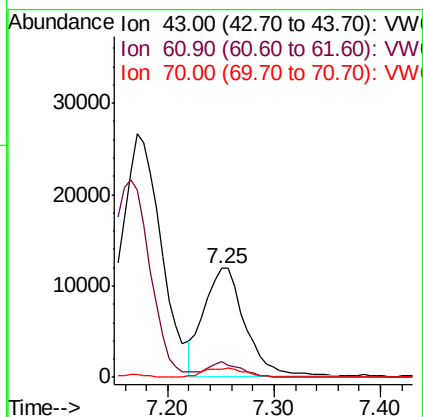
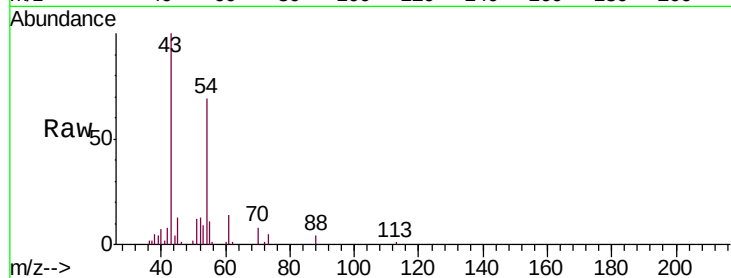




#37
Ethyl Acetate
Concen: 20.851 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

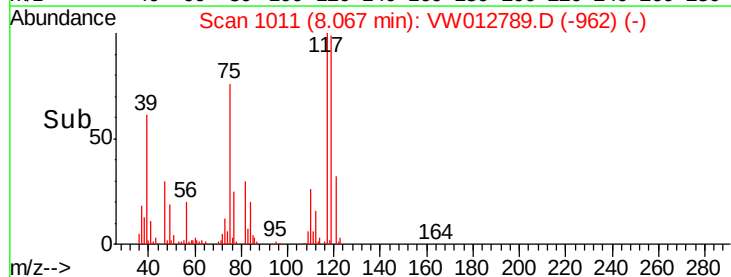
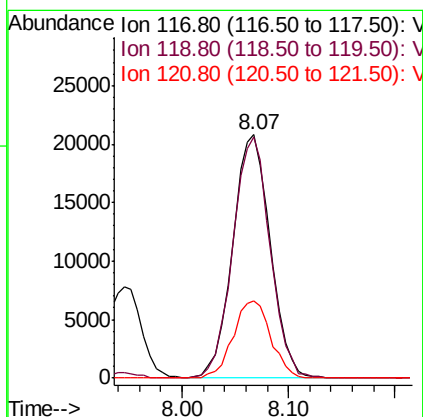
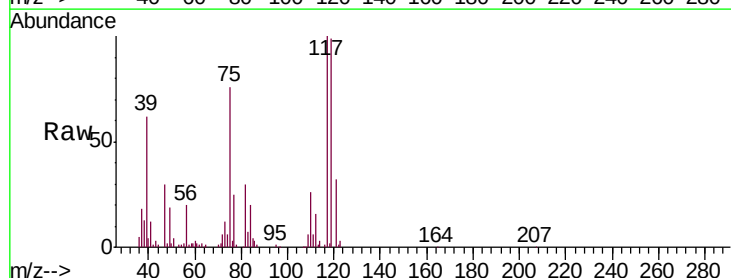
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

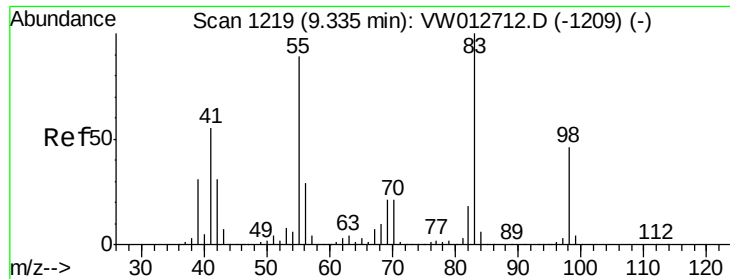
Tgt Ion: 43 Resp: 31305
Ion Ratio Lower Upper
43 100
61 12.3 9.5 14.3
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 22.214 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 117 Resp: 51572
Ion Ratio Lower Upper
117 100
119 98.8 76.2 114.2
121 31.7 25.4 38.2

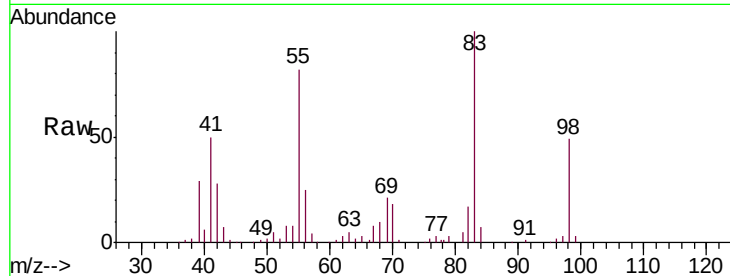




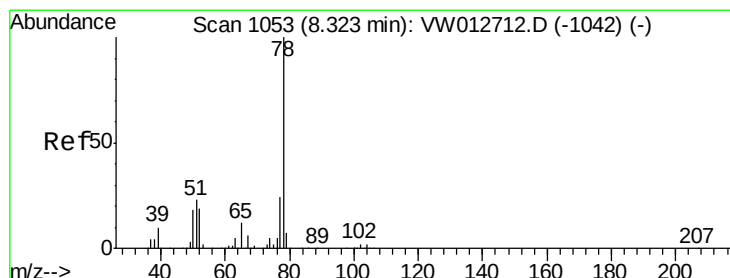
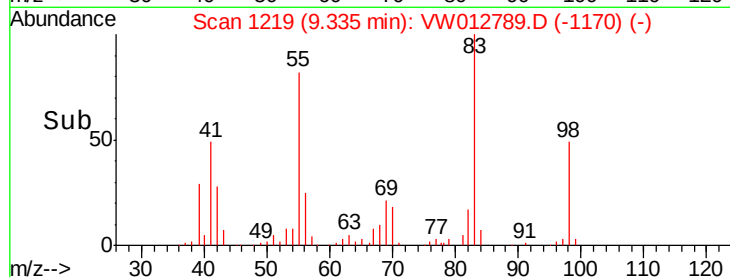
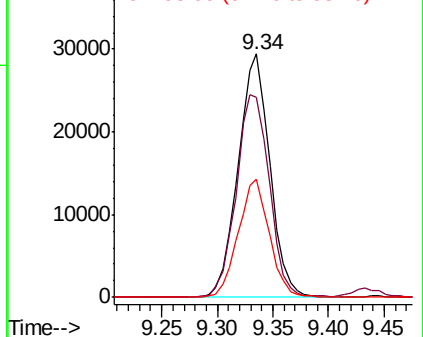
#39
Methylcyclohexane
Concen: 21.938 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

Tgt Ion: 83 Resp: 58031
Ion Ratio Lower Upper
83 100
55 82.1 71.0 106.4
98 48.8 36.9 55.3

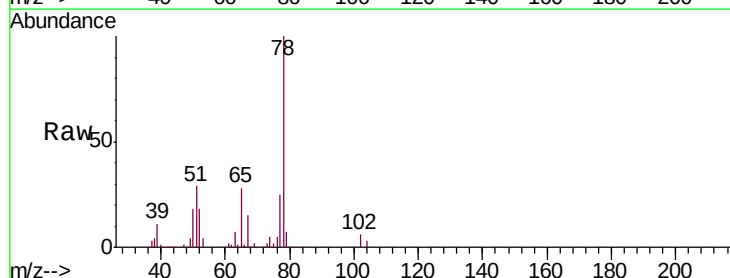


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

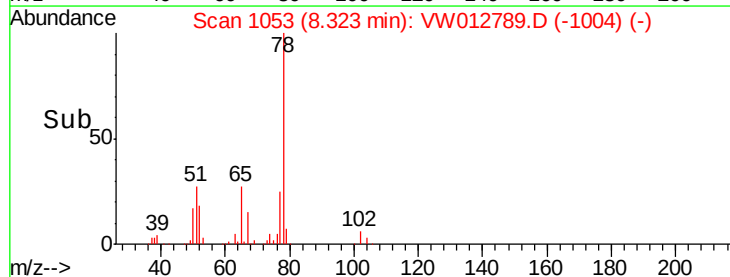
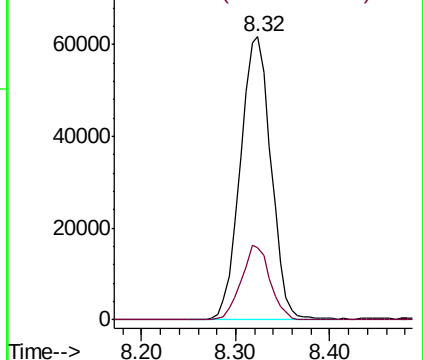


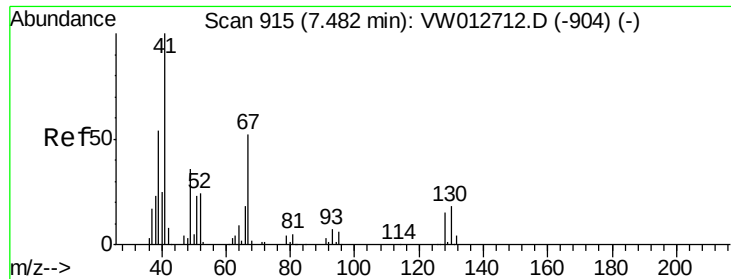
#40
Benzene
Concen: 21.446 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 78 Resp: 140136
Ion Ratio Lower Upper
78 100
77 25.4 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

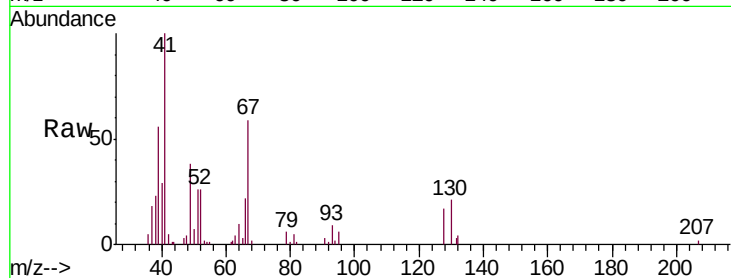




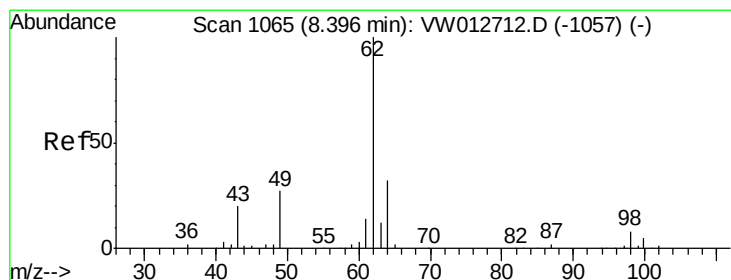
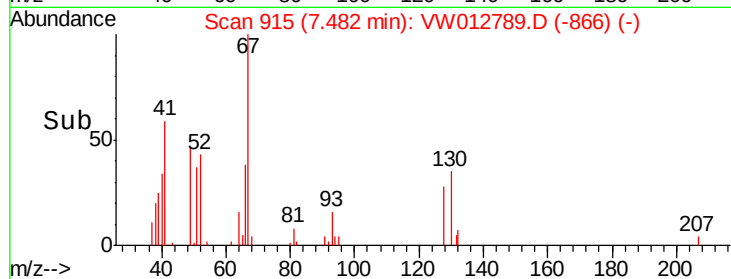
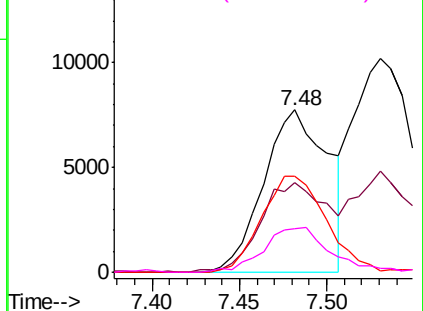
#41
Methacrylonitrile
Concen: 21.855 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

Tgt Ion:	41	Resp:	19916
Ion	Ratio	Lower	Upper
41	100		
39	57.5	47.5	71.3
67	59.4	45.1	67.7
52	28.5	20.2	30.2

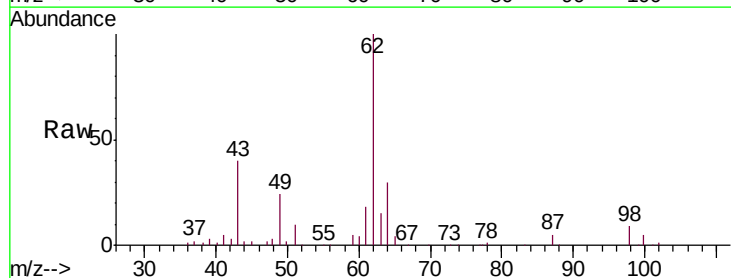


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

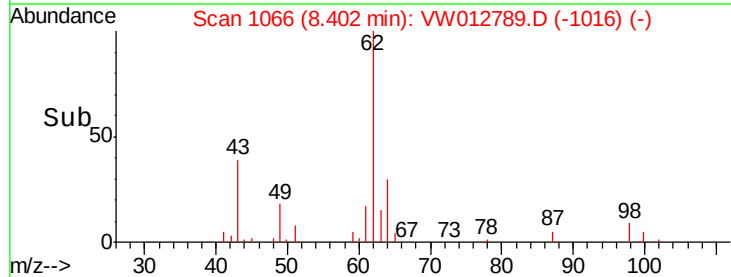
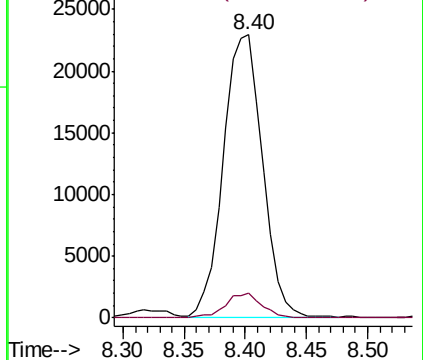


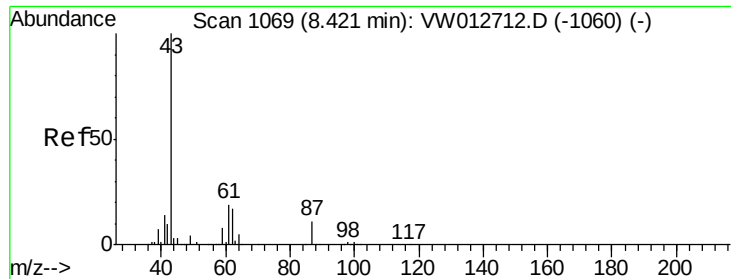
#42
1,2-Dichloroethane
Concen: 22.221 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion:	62	Resp:	51101
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2



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





#43

Isopropyl Acetate

Concen: 20.618 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

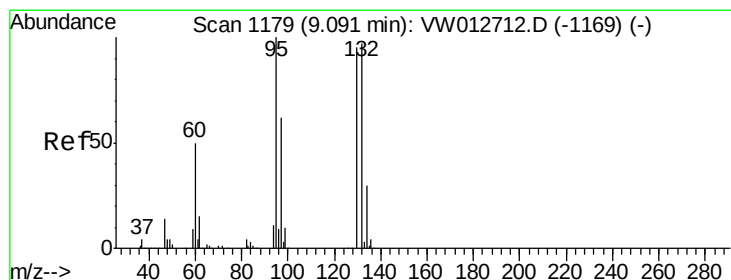
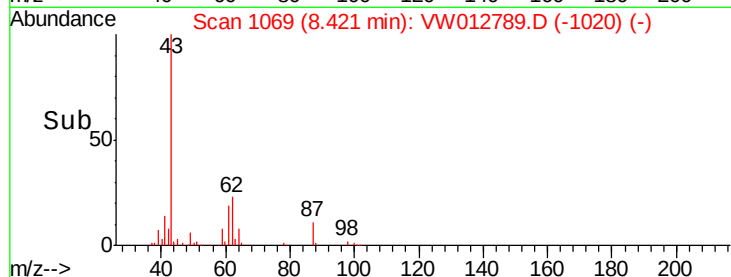
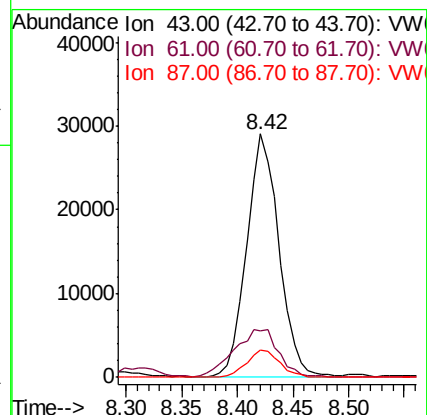
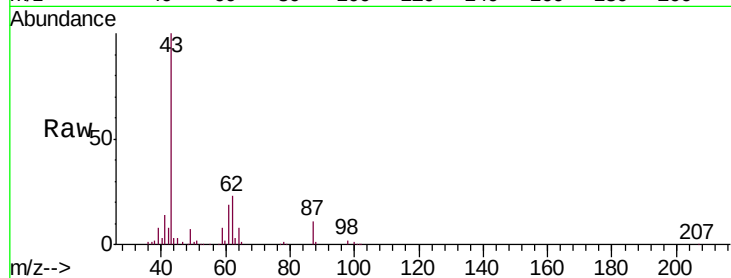
Tgt Ion: 43 Resp: 58645

Ion Ratio Lower Upper

43 100

61 27.1 20.6 30.8

87 11.6 8.6 13.0



#44

Trichloroethene

Concen: 22.010 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012789.D

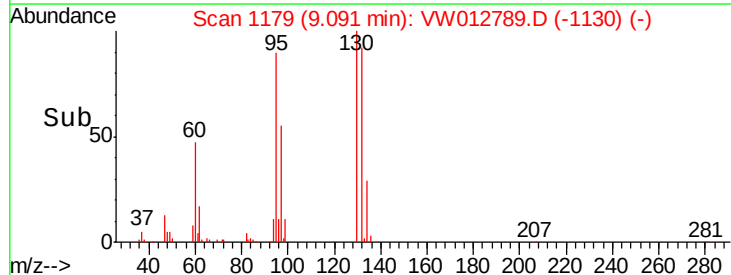
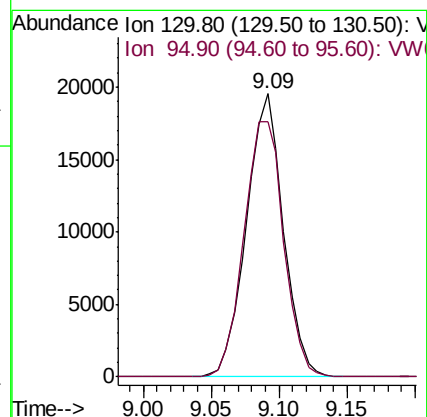
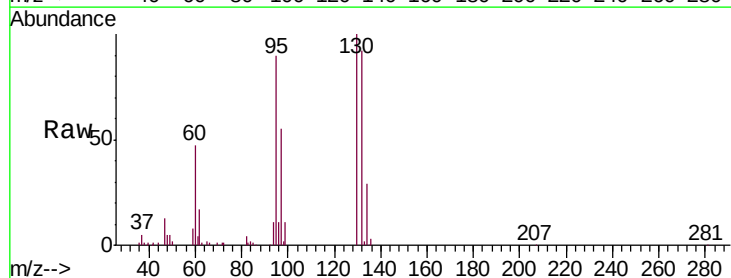
Acq: 09 Sep 2019 00:22

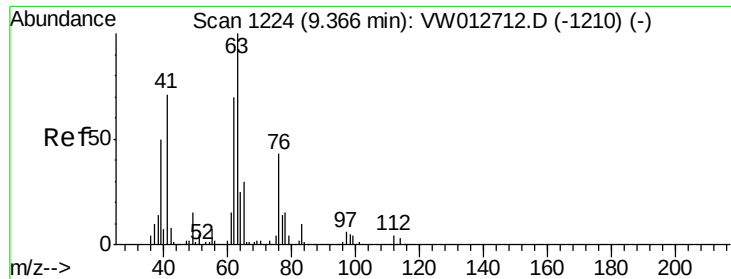
Tgt Ion: 130 Resp: 37074

Ion Ratio Lower Upper

130 100

95 90.4 0.0 210.6

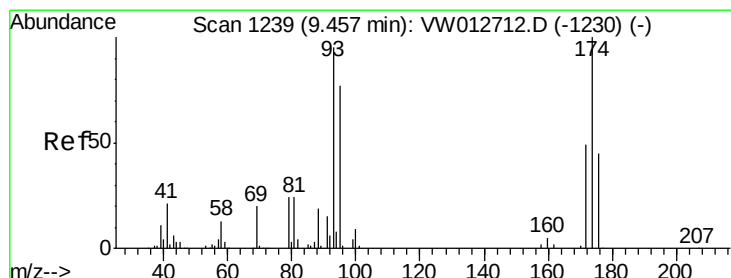
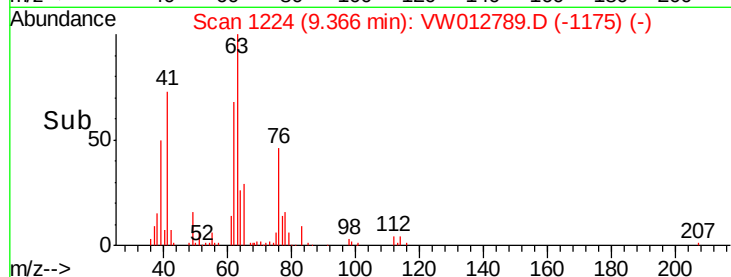
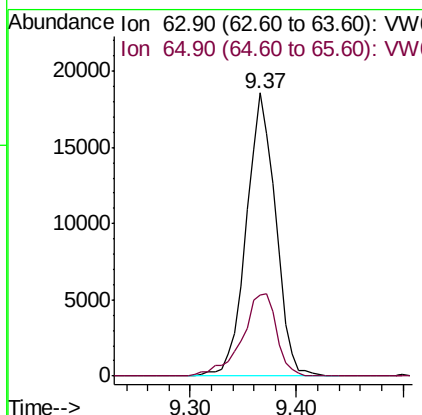
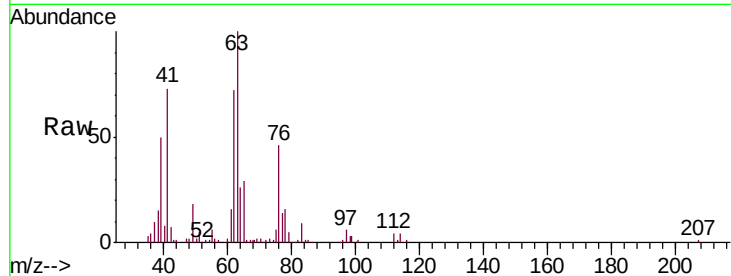




#45
 1,2-Dichloropropane
 Concen: 19.823 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

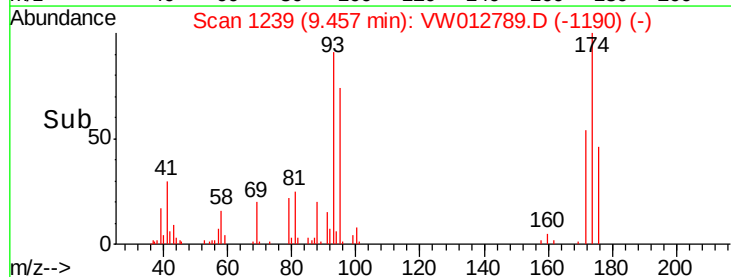
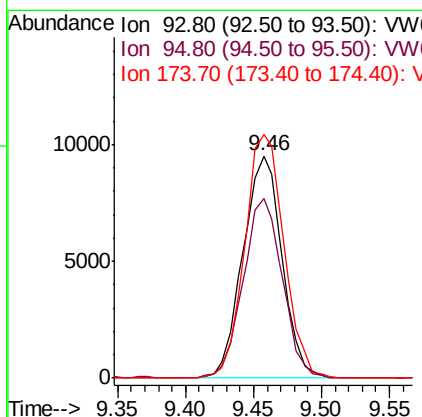
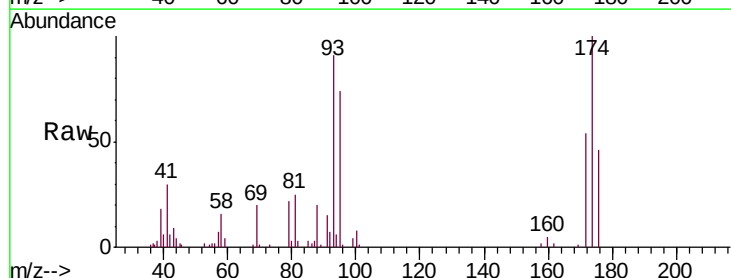
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

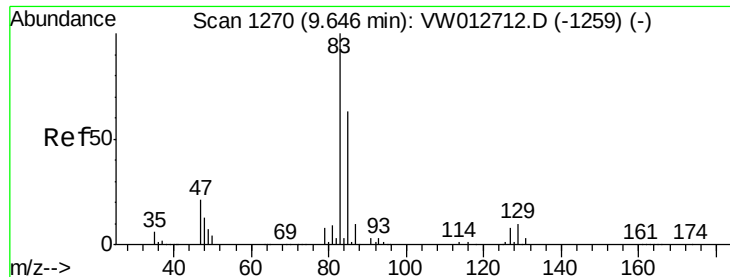
Tgt Ion: 63 Resp: 35926
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.8 35.8



#46
 Dibromomethane
 Concen: 22.243 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 93 Resp: 19089
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.2 97.8
 174 110.5 84.2 126.4





#47

Bromodichloromethane

Concen: 20.983 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD02

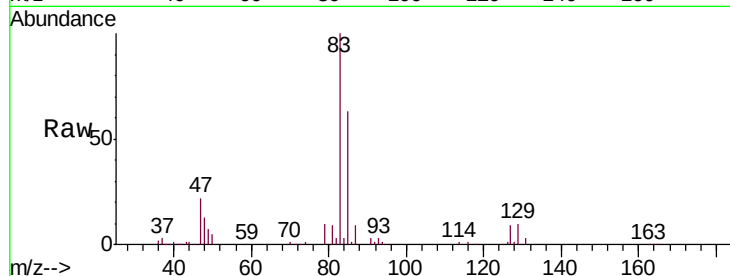
Tgt Ion: 83 Resp: 49543

Ion Ratio Lower Upper

83 100

85 62.5 50.2 75.2

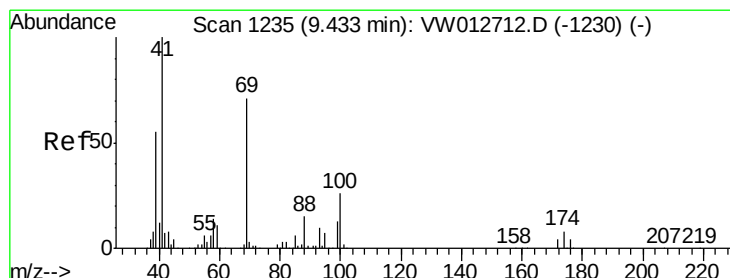
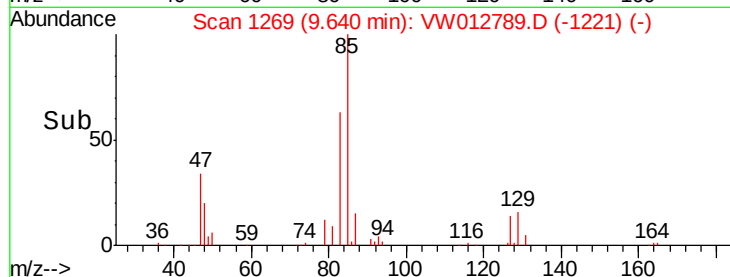
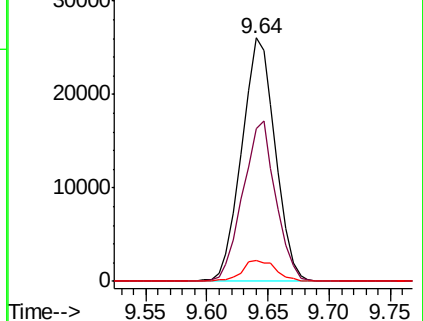
127 8.7 6.6 9.8



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: 20.488 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

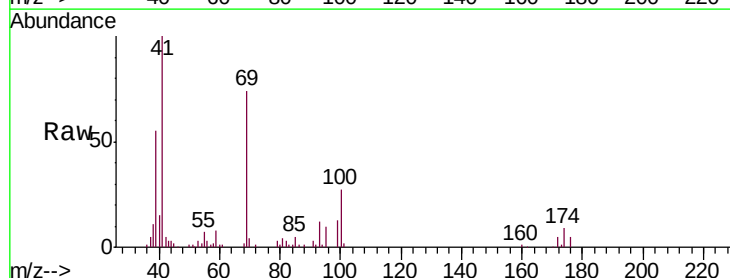
Tgt Ion: 41 Resp: 27850

Ion Ratio Lower Upper

41 100

69 76.6 59.8 89.8

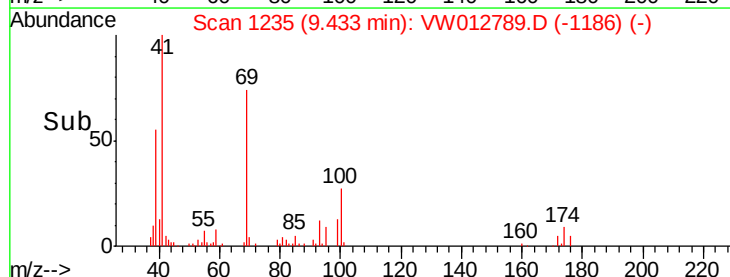
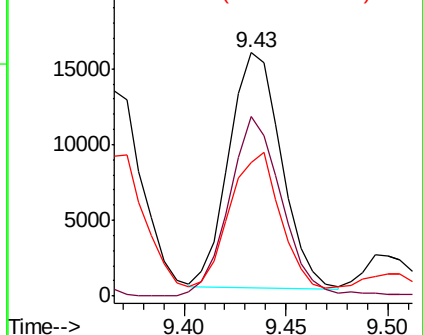
39 55.5 47.0 70.6

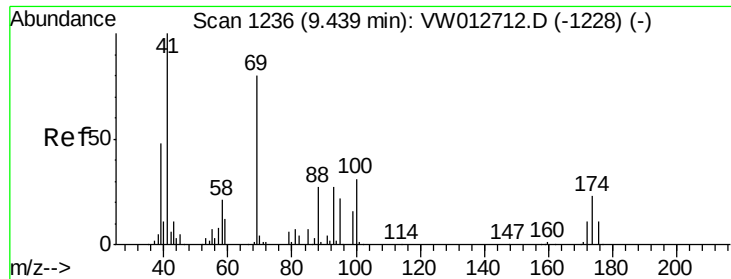


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

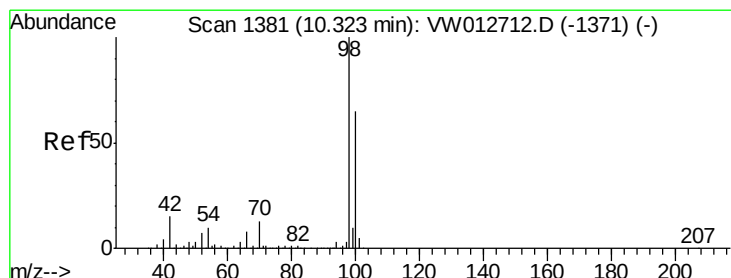
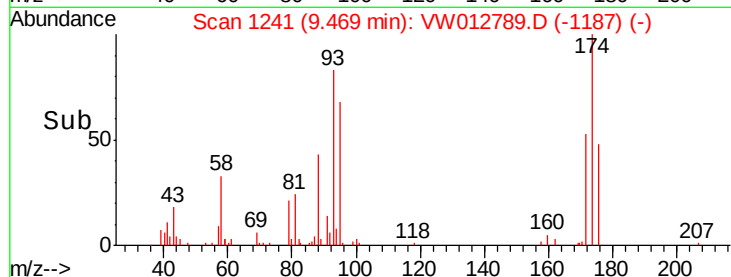
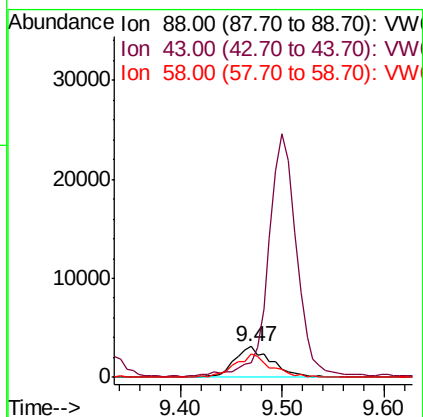
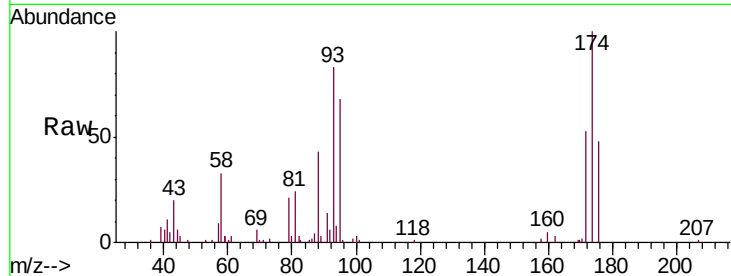




#49
1,4-Dioxane
Concen: 453.921 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

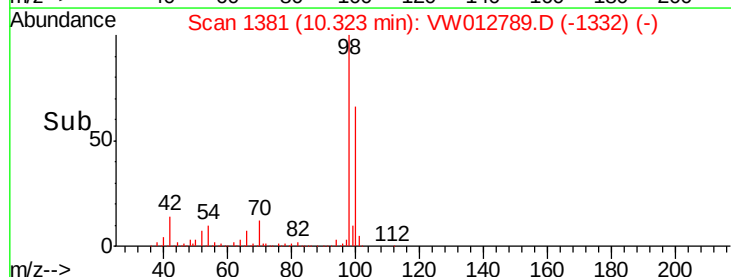
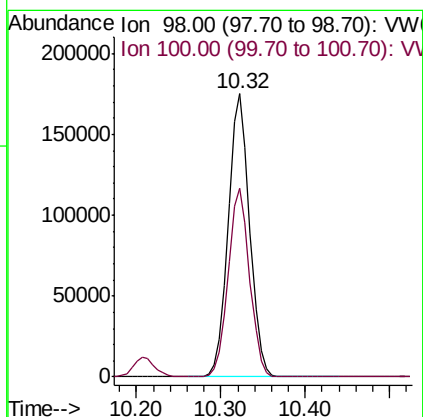
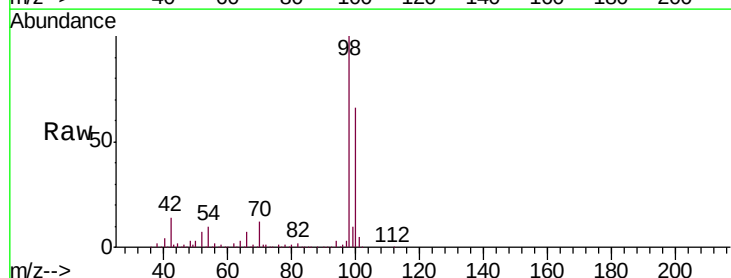
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

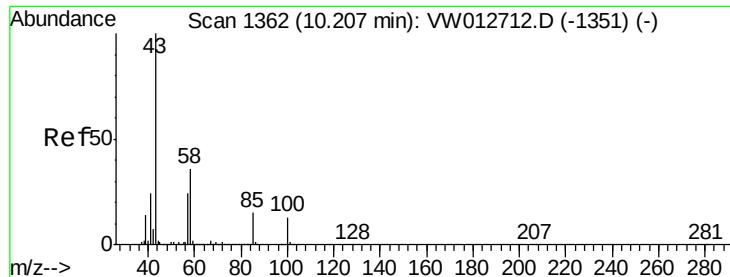
Tgt Ion: 88 Resp: 7695
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 75.6 64.1 96.1



#50
Toluene-d8
Concen: 48.932 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 98 Resp: 302106
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.4

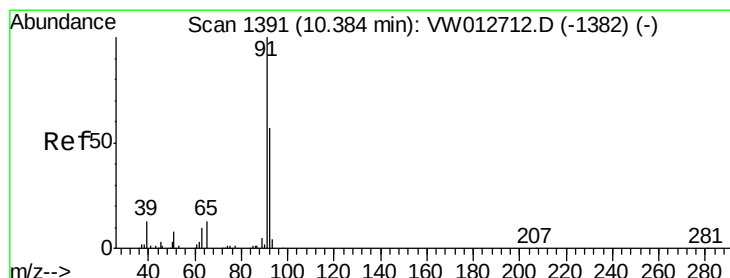
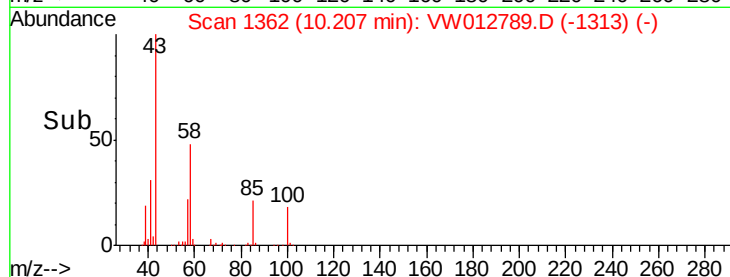
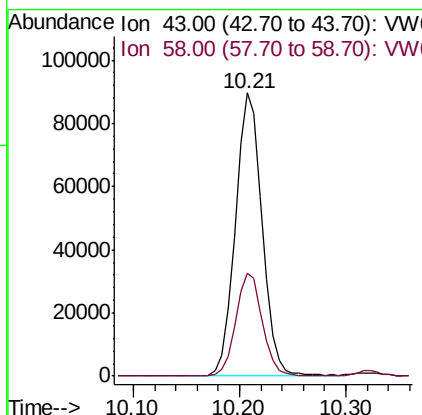
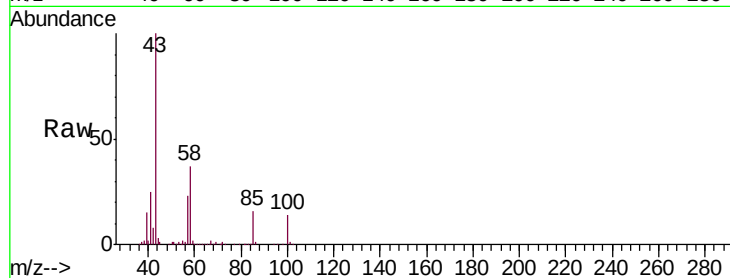




#51
 4-Methyl-2-Pentanone
 Concen: 105.836 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

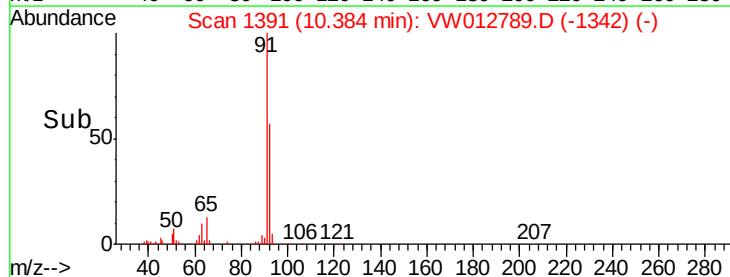
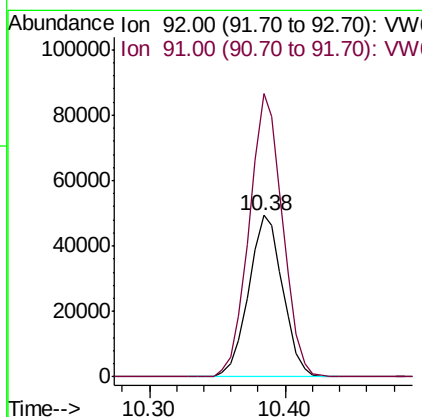
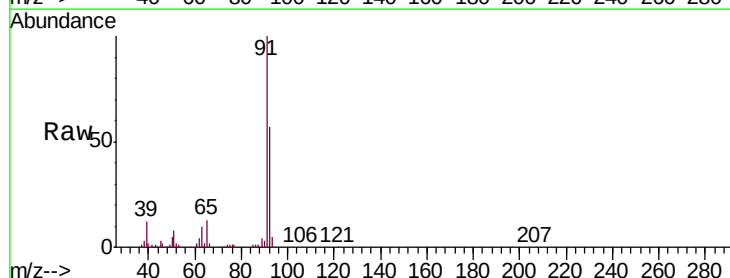
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

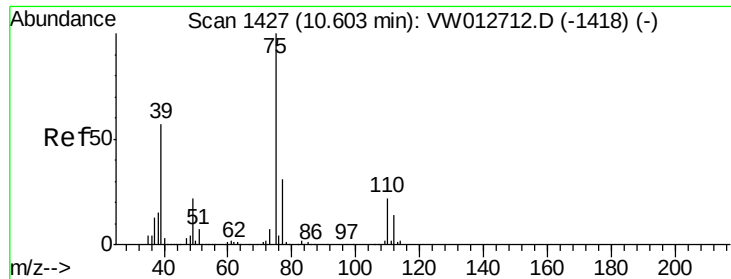
Tgt Ion: 43 Resp: 157966
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.4 42.6



#52
 Toluene
 Concen: 21.240 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 92 Resp: 86624
 Ion Ratio Lower Upper
 92 100
 91 172.1 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.664 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

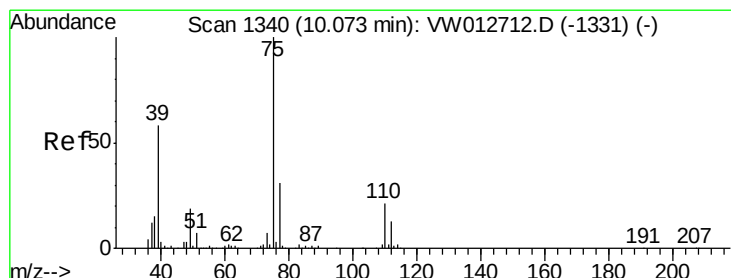
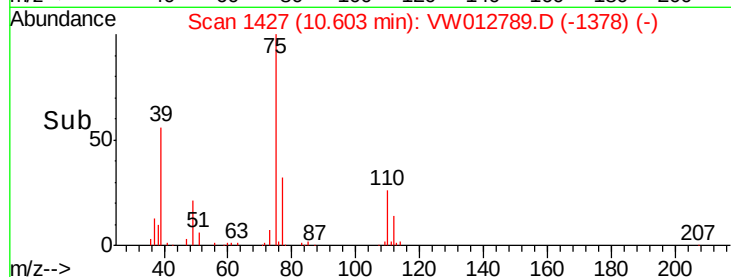
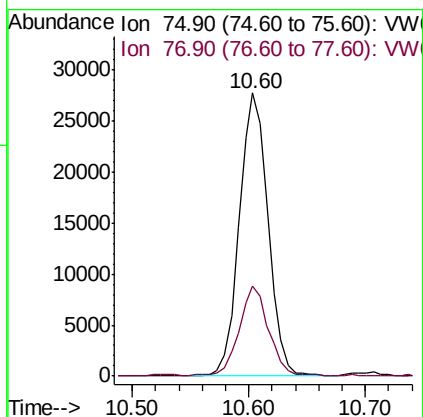
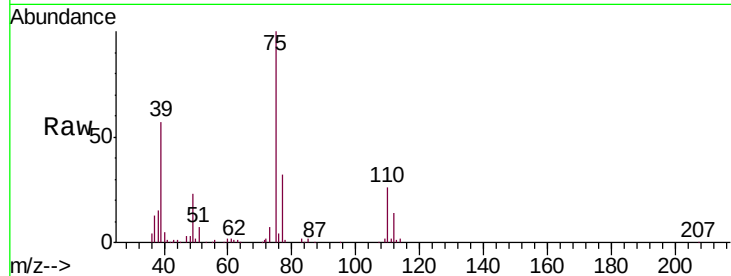
VW0908SBSD02

Tgt Ion: 75 Resp: 47743

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 19.937 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

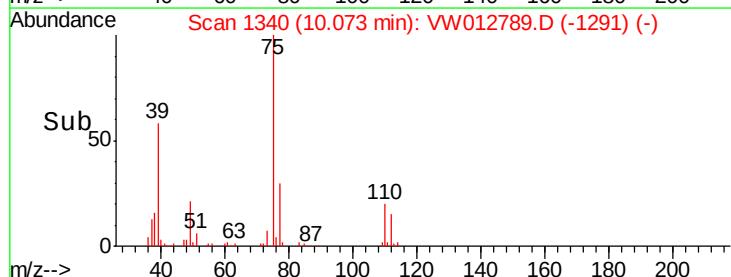
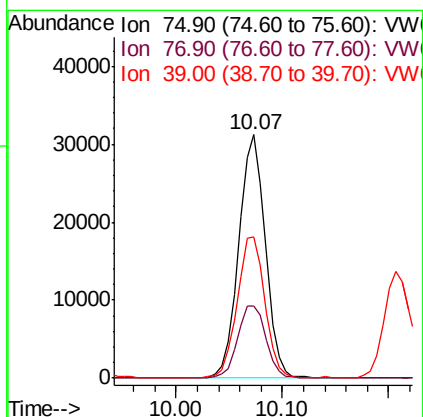
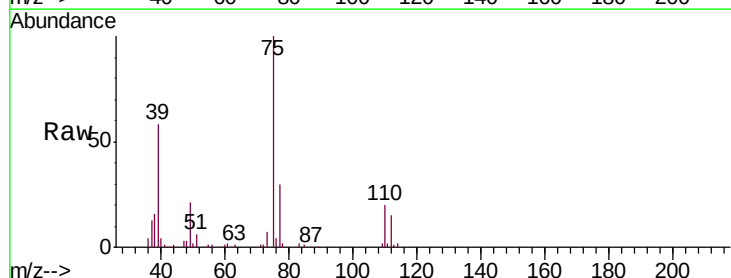
Tgt Ion: 75 Resp: 54912

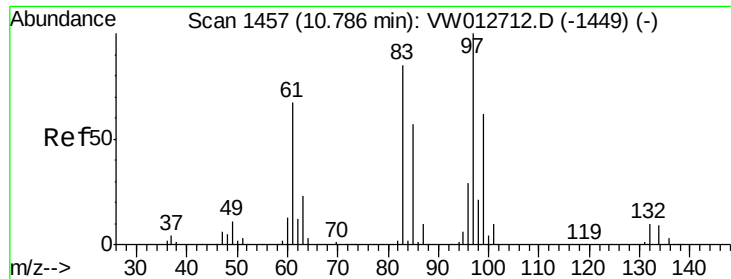
Ion Ratio Lower Upper

75 100

77 29.7 24.6 36.8

39 58.0 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 21.743 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD02

Tgt Ion: 97 Resp: 27936

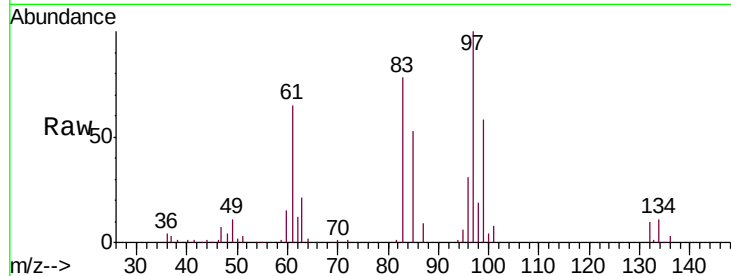
Ion Ratio Lower Upper

97 100

83 78.4 68.1 102.1

85 53.1 45.3 67.9

99 57.9 50.0 75.0



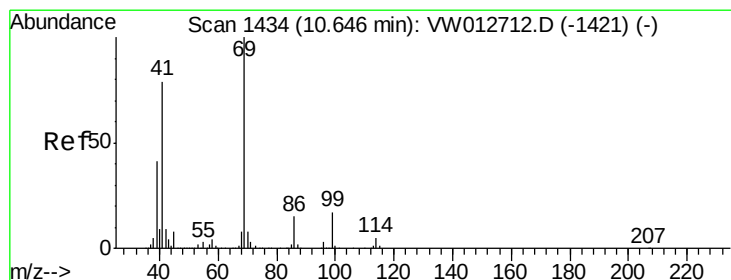
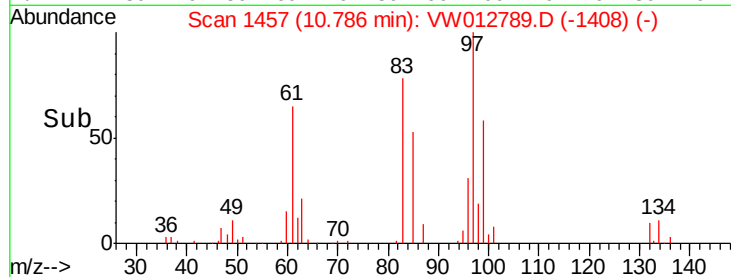
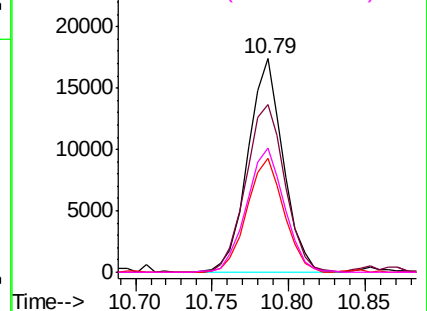
Abundance

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: 21.037 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

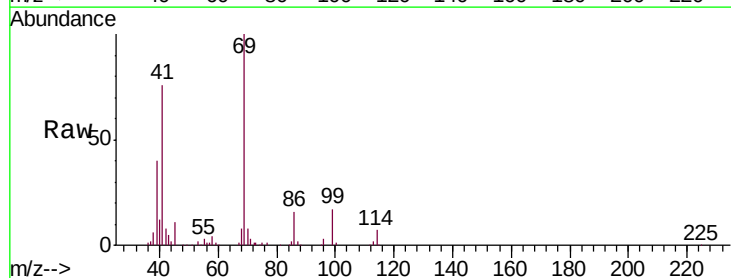
Tgt Ion: 69 Resp: 39566

Ion Ratio Lower Upper

69 100

41 76.1 64.4 96.6

39 37.9 31.1 46.7

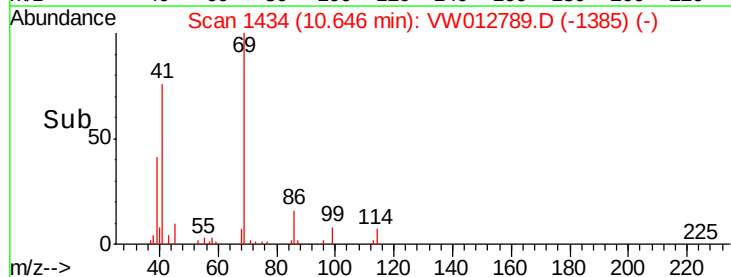
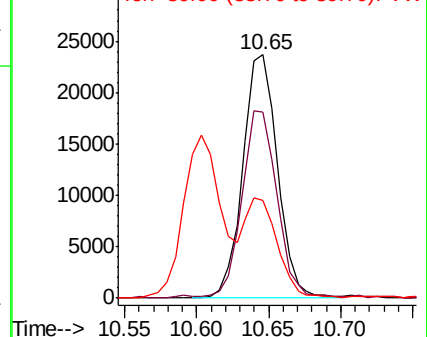


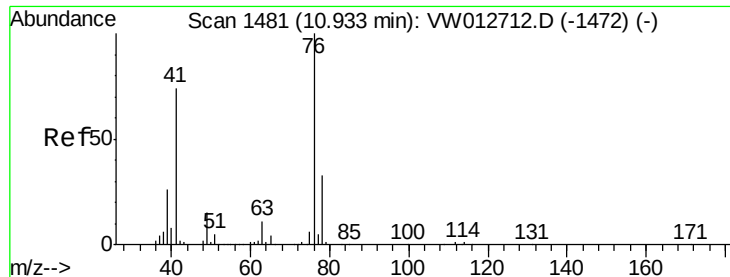
Abundance

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

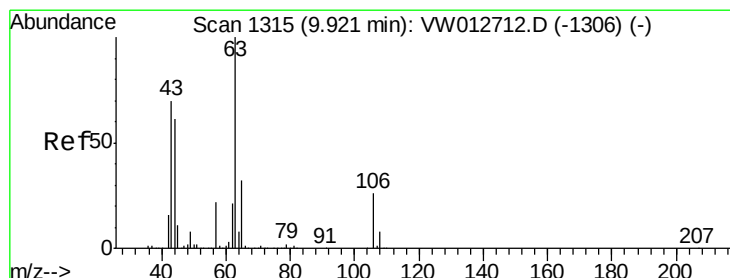
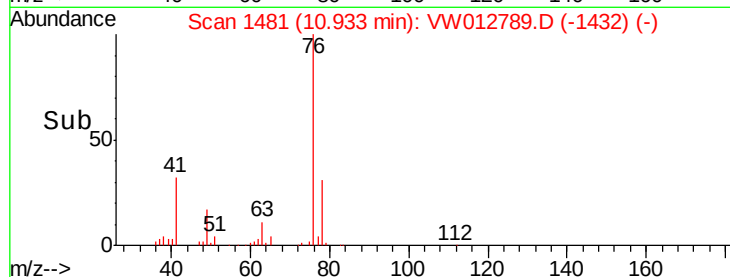
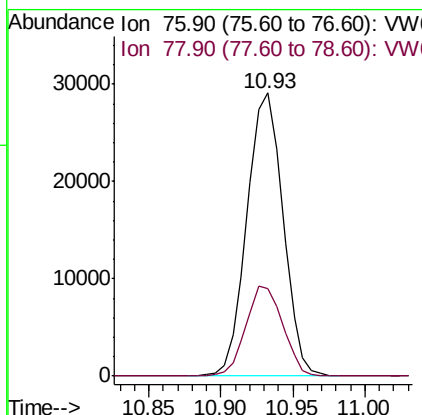
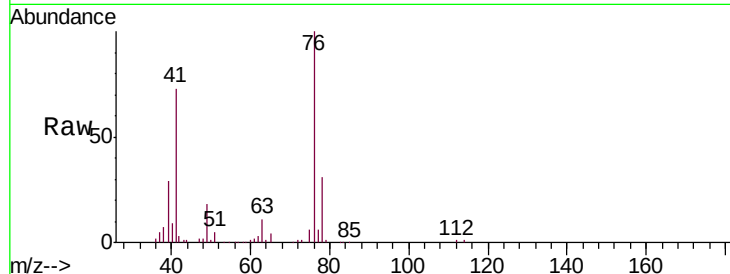




#57
 1,3-Dichloropropane
 Concen: 21.270 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

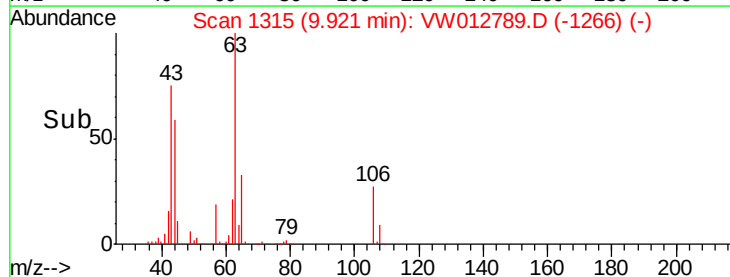
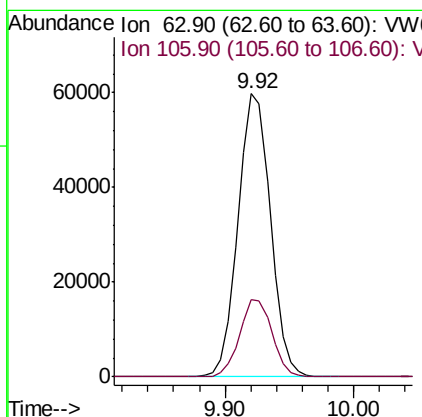
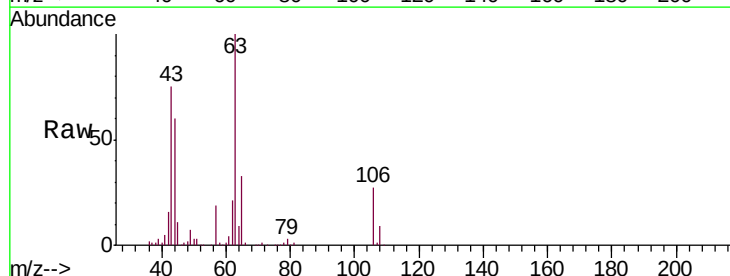
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

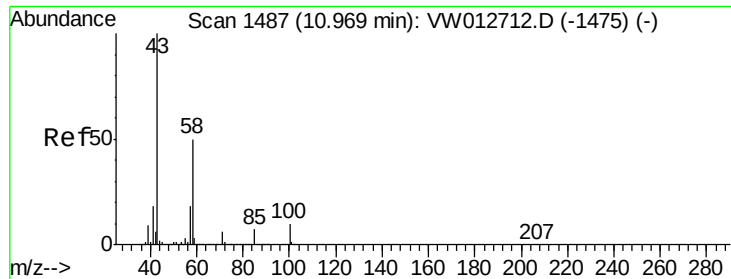
Tgt Ion: 76 Resp: 50559
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.557 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 63 Resp: 104397
 Ion Ratio Lower Upper
 63 100
 106 27.4 20.5 30.7

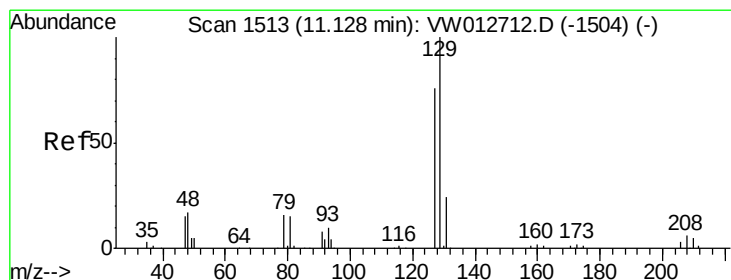
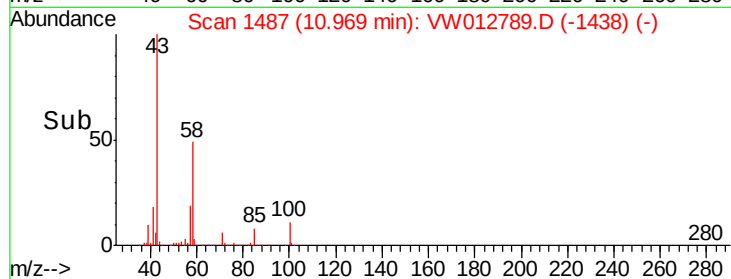
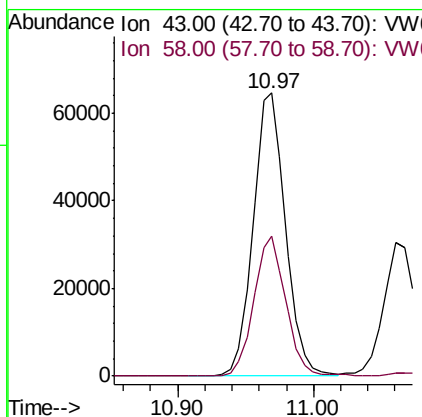
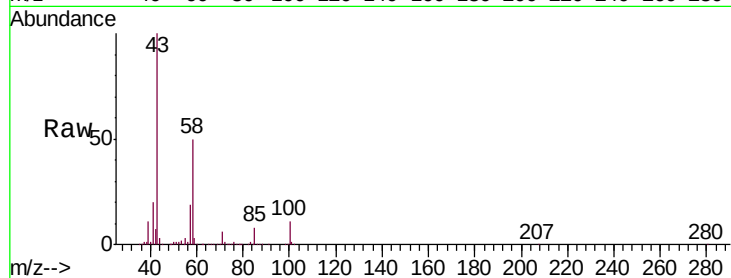




#59
2-Hexanone
Concen: 98.603 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

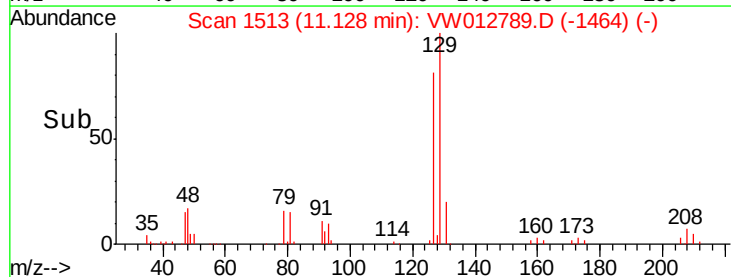
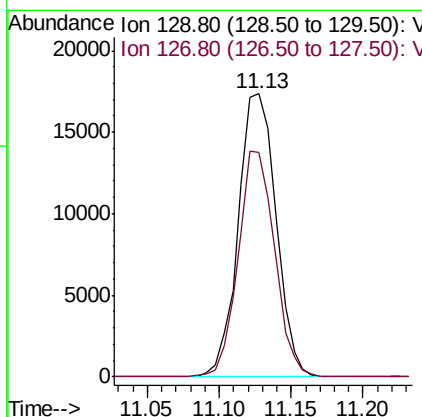
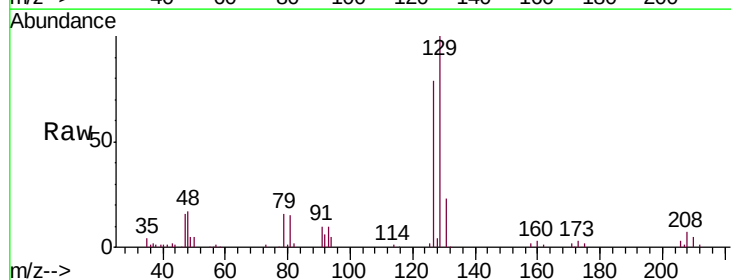
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

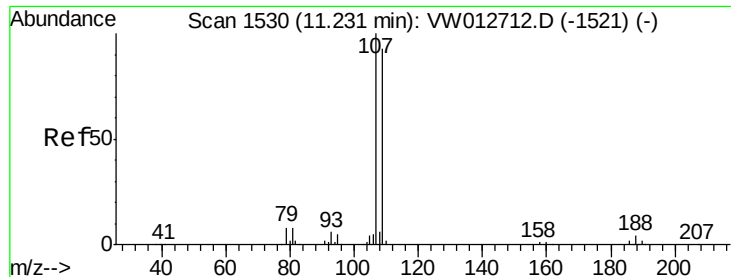
Tgt Ion: 43 Resp: 107520
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1



#60
Dibromochloromethane
Concen: 20.904 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 129 Resp: 31588
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8

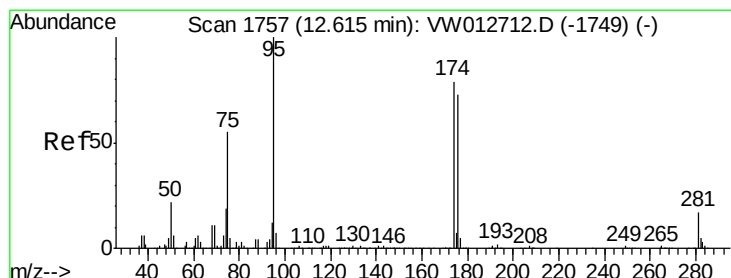
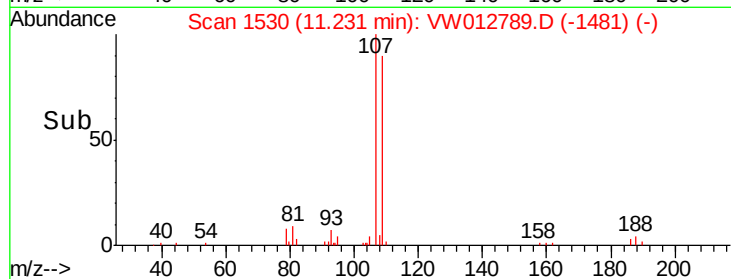
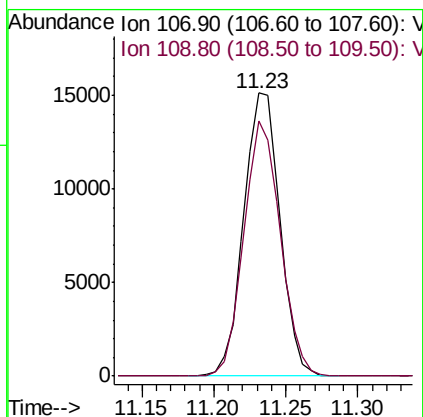
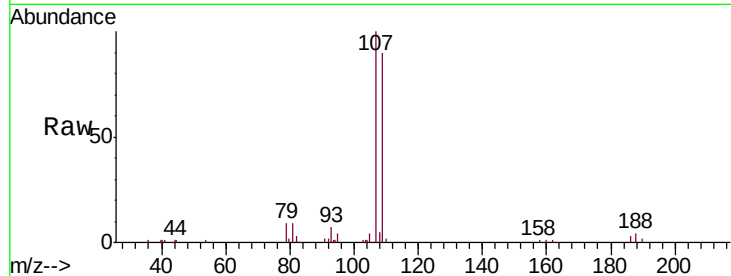




#61
 1,2-Dibromoethane
 Concen: 22.378 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

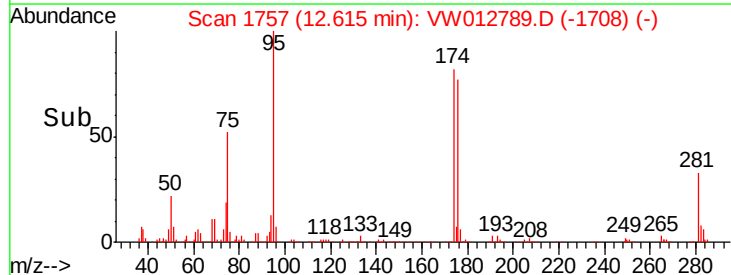
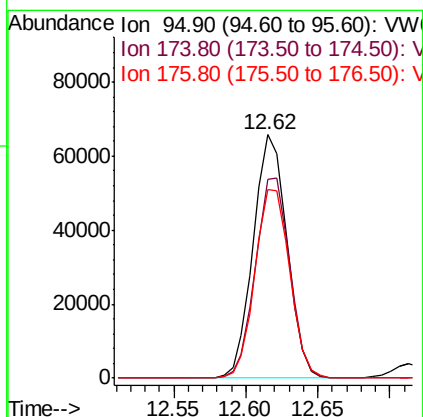
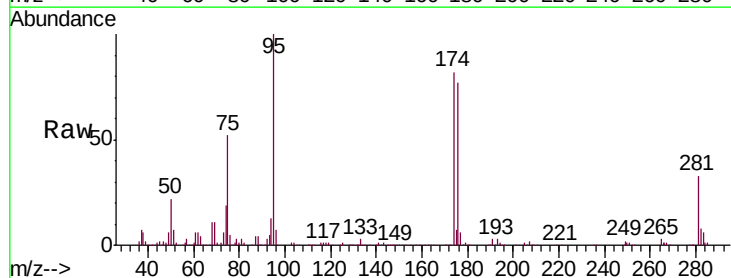
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

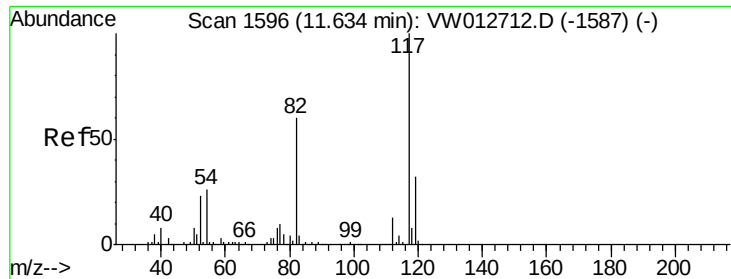
Tgt Ion: 107 Resp: 26360
 Ion Ratio Lower Upper
 107 100
 109 90.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.462 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 95 Resp: 106379
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 161.0
 176 80.0 0.0 156.4

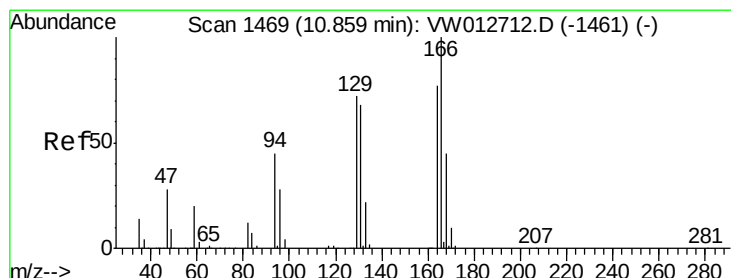
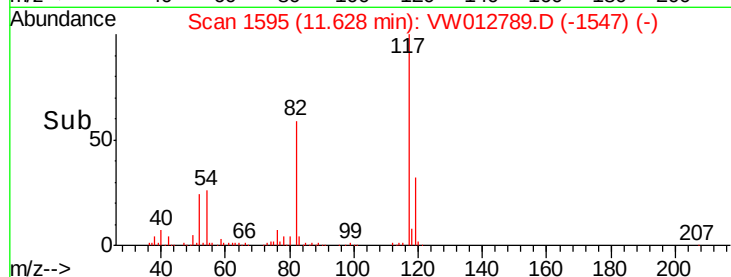
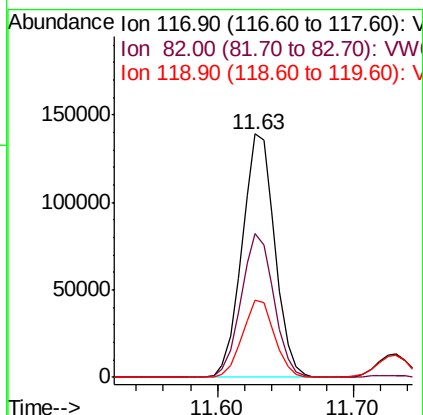
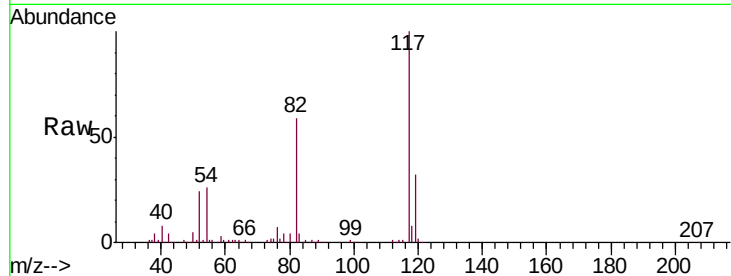




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

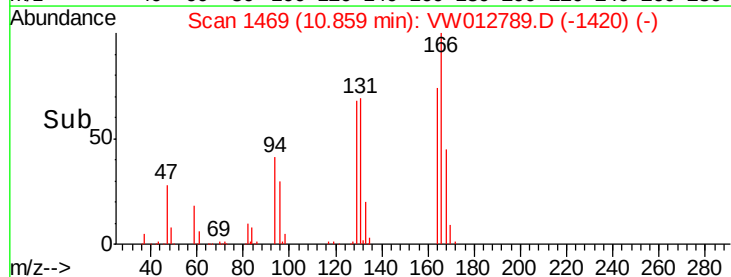
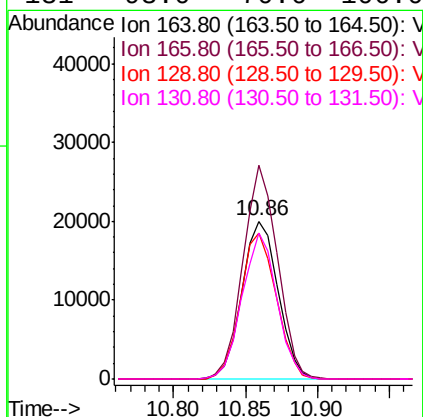
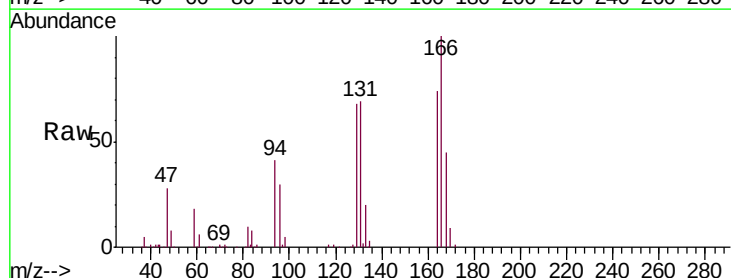
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

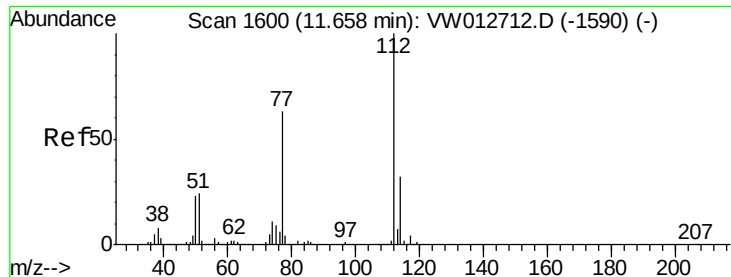
Tgt Ion:117 Resp: 233684
Ion Ratio Lower Upper
117 100
82 58.8 48.2 72.4
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 24.512 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion:164 Resp: 34756
Ion Ratio Lower Upper
164 100
166 135.5 103.6 155.4
129 92.3 74.6 112.0
131 93.0 70.6 106.0





#65

Chlorobenzene

Concen: 20.675 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

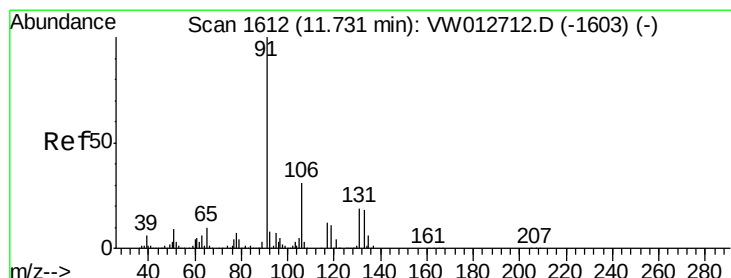
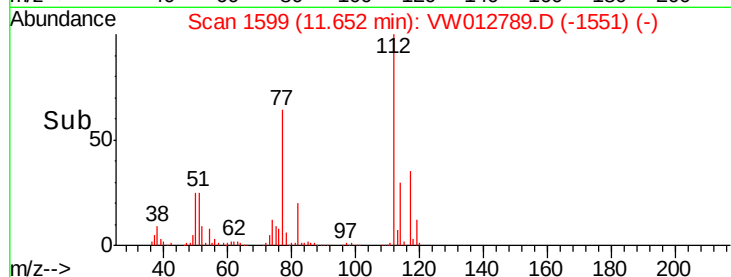
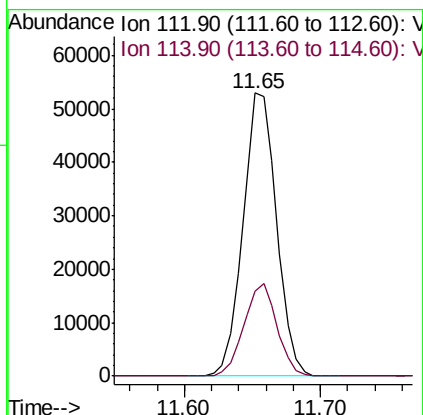
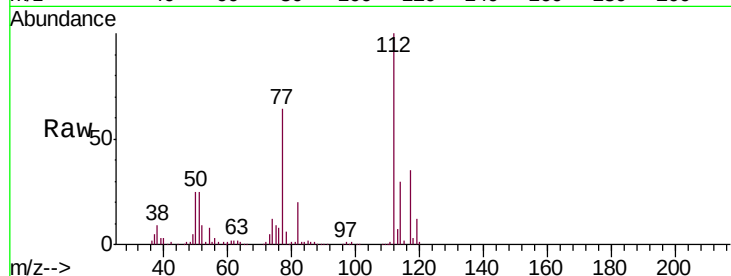
VW0908SBSD02

Tgt Ion:112 Resp: 91315

Ion Ratio Lower Upper

112 100

114 30.0 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.843 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

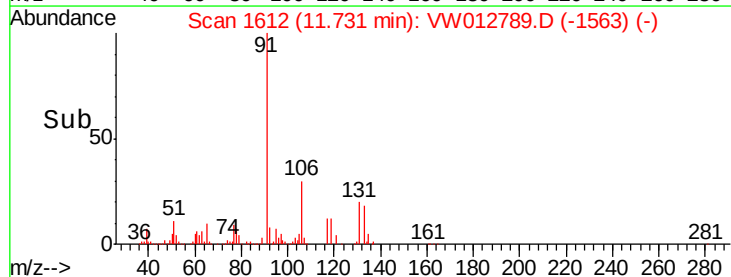
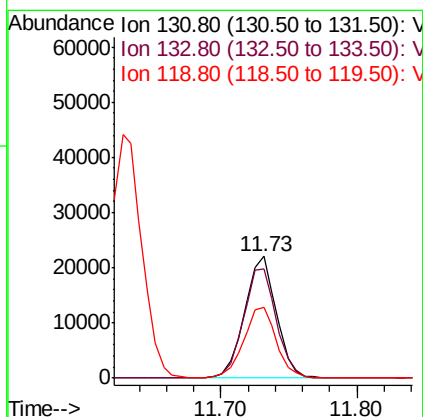
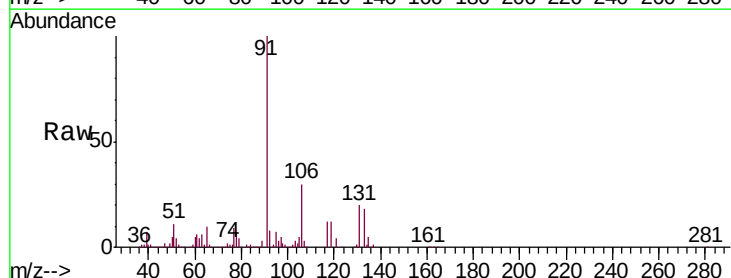
Tgt Ion:131 Resp: 35927

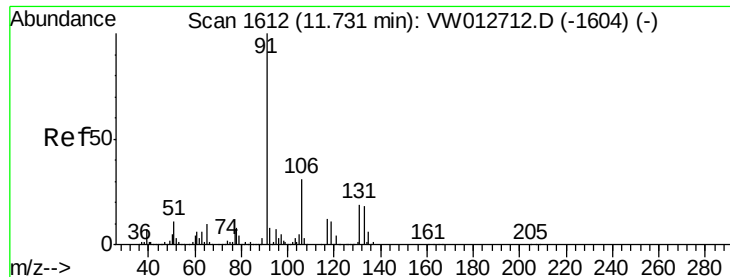
Ion Ratio Lower Upper

131 100

133 93.6 47.6 142.8

119 59.8 30.6 92.0

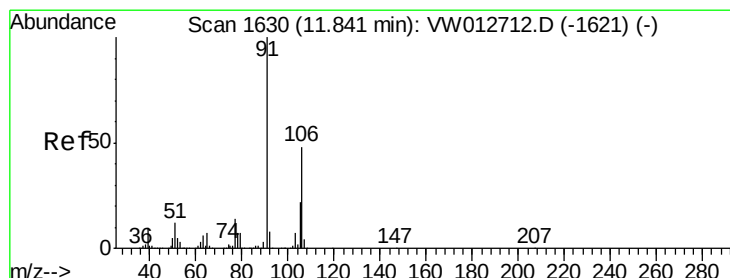
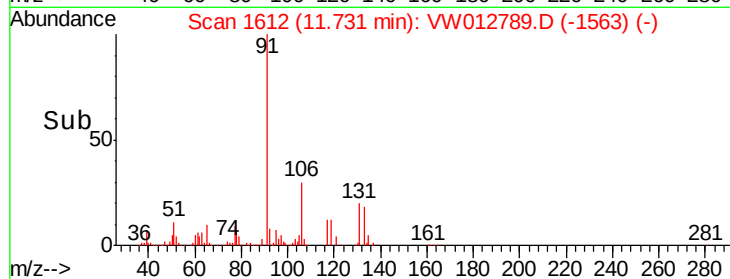
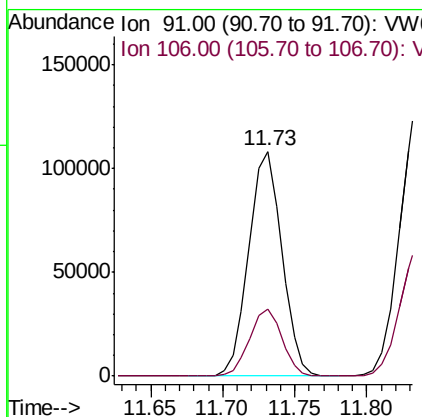
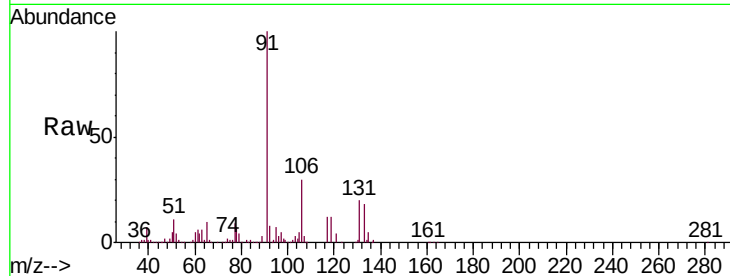




#67
 Ethyl Benzene
 Concen: 20.818 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

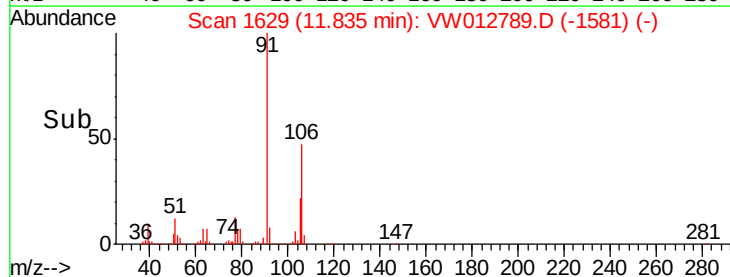
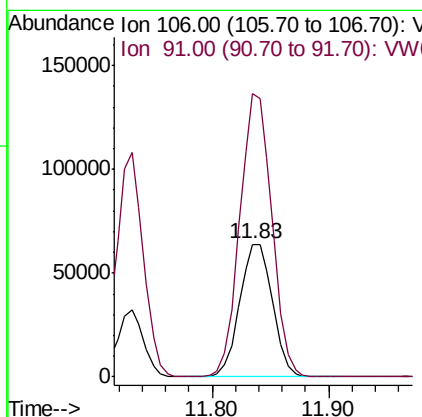
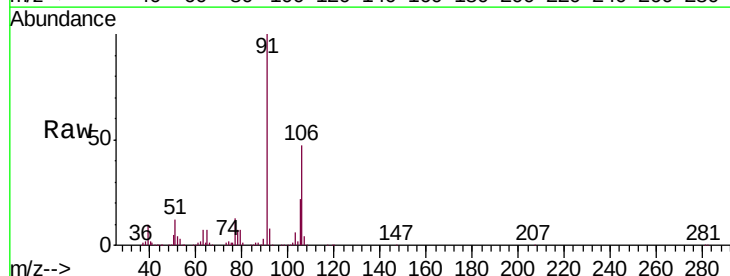
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

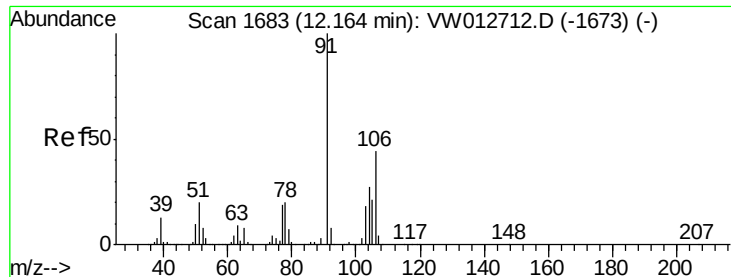
Tgt Ion: 91 Resp: 172515
 Ion Ratio Lower Upper
 91 100
 106 30.1 24.4 36.6



#68
 m/p-Xylenes
 Concen: 41.943 ug/l
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion: 106 Resp: 125458
 Ion Ratio Lower Upper
 106 100
 91 208.5 168.2 252.4

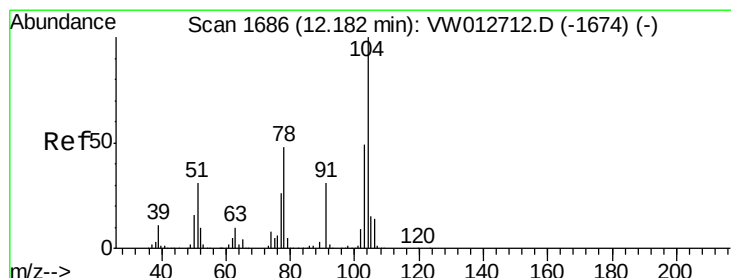
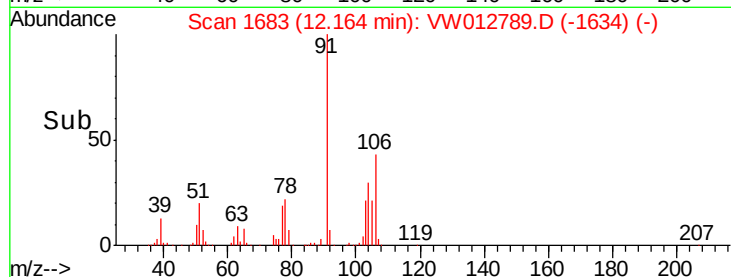
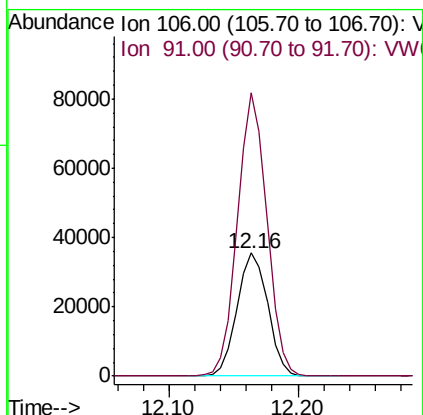
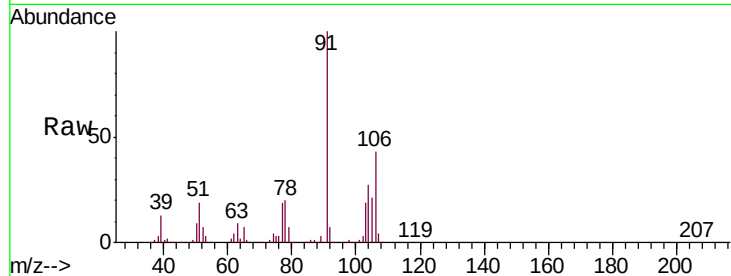




#69
o-Xylene
Concen: 20.860 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

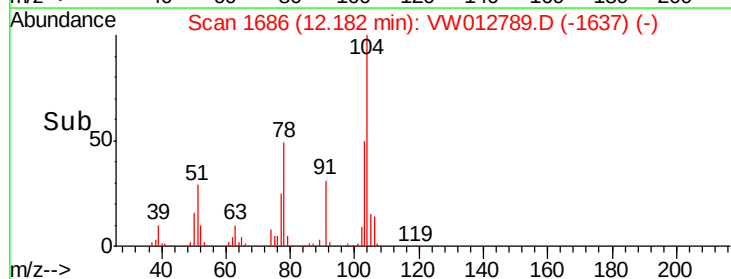
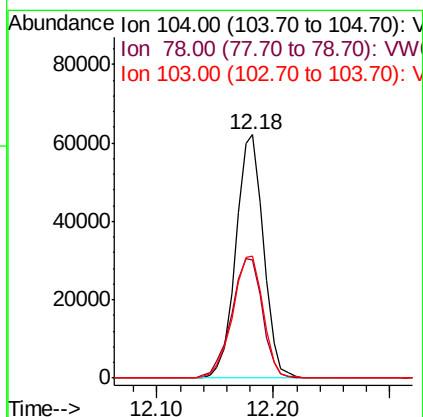
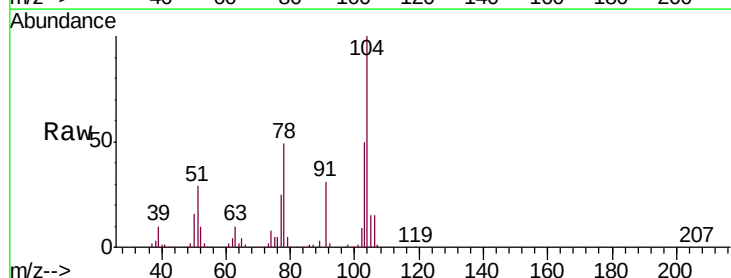
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

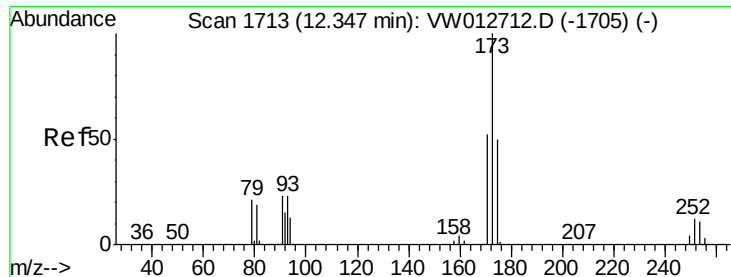
Tgt Ion:106 Resp: 58865
Ion Ratio Lower Upper
106 100
91 220.0 112.3 336.8



#70
Styrene
Concen: 20.604 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion:104 Resp: 102743
Ion Ratio Lower Upper
104 100
78 55.2 43.3 64.9
103 55.2 44.0 66.0

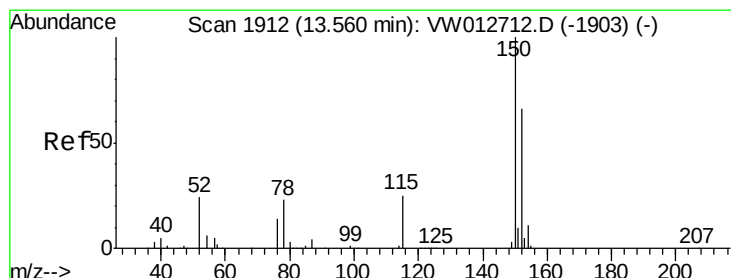
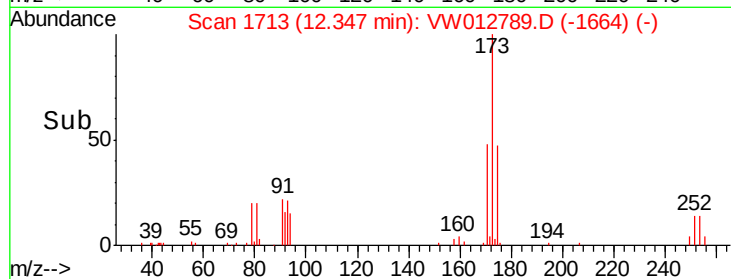
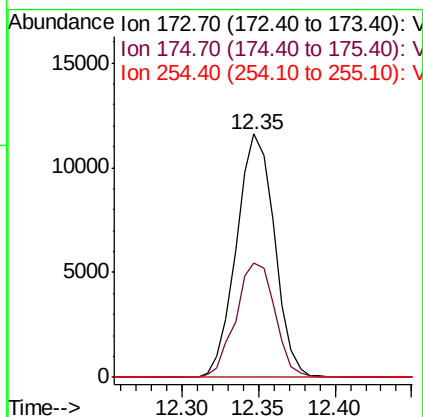
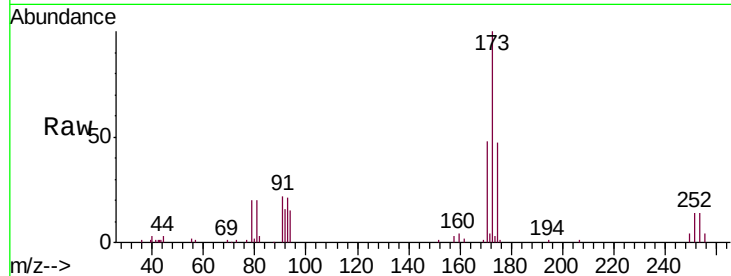




#71
 Bromoform
 Concen: 21.948 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

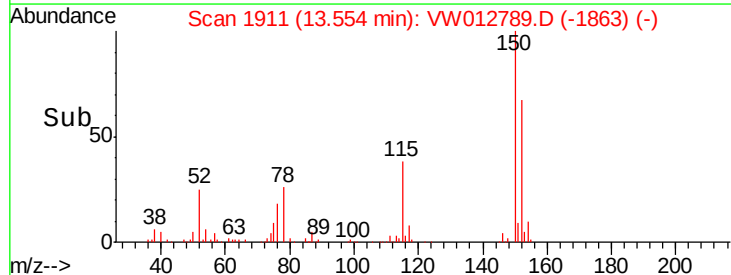
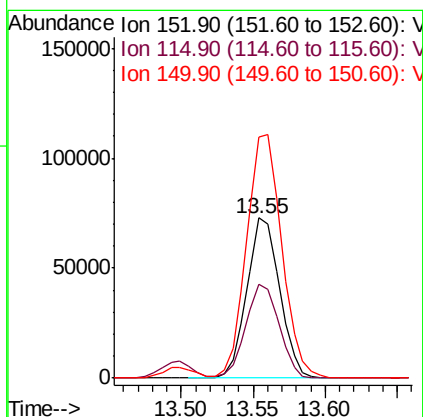
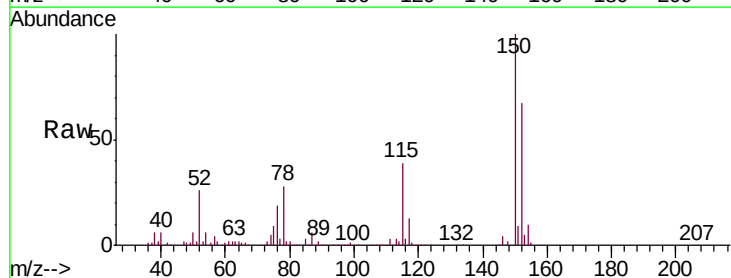
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

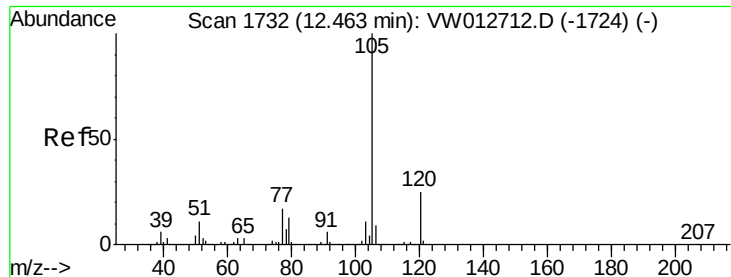
Tgt Ion:173 Resp: 20057
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.8 74.3
 254 0.0 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion:152 Resp: 114917
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.0 90.1
 150 163.1 0.0 349.0

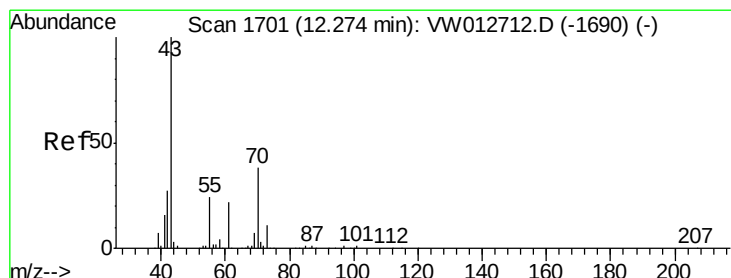
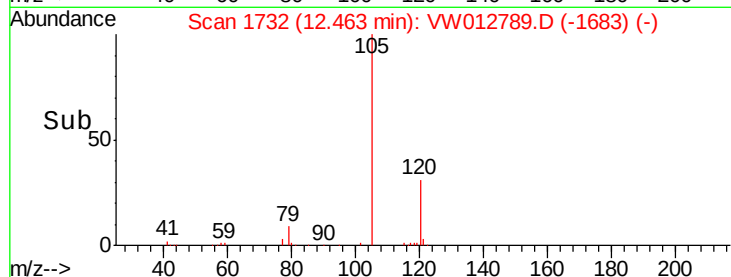
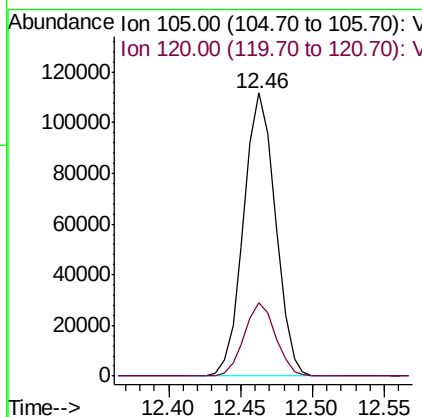
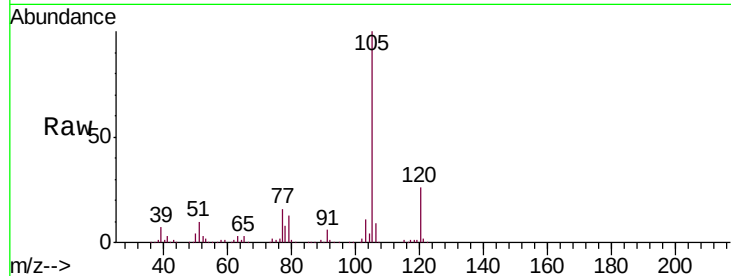




#73
Isopropylbenzene
Concen: 20.763 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

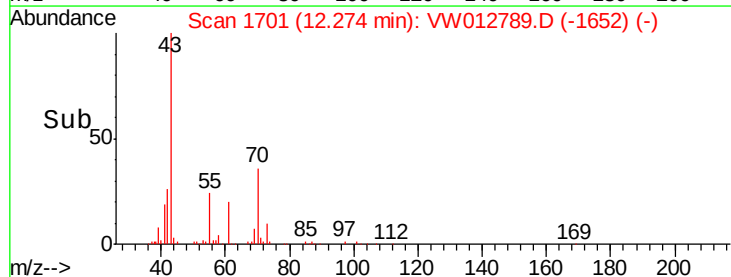
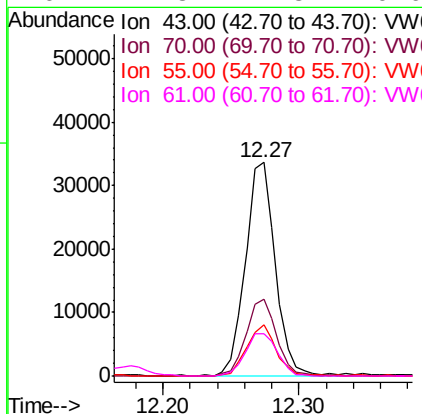
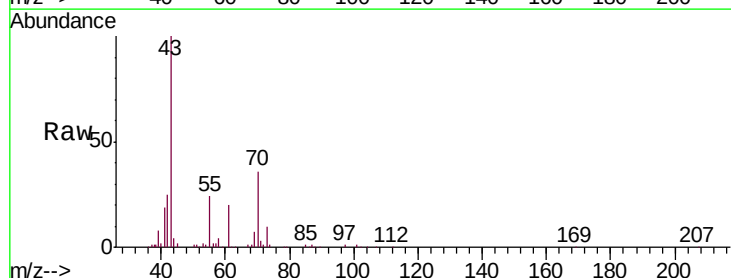
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

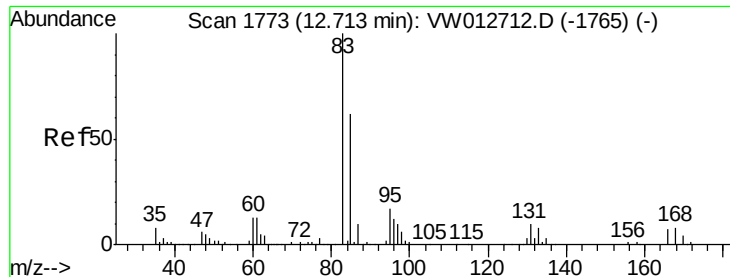
Tgt Ion: 105 Resp: 171130
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 19.697 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 43 Resp: 51532
Ion Ratio Lower Upper
43 100
70 37.0 29.4 44.0
55 24.0 18.6 27.8
61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.989 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD02

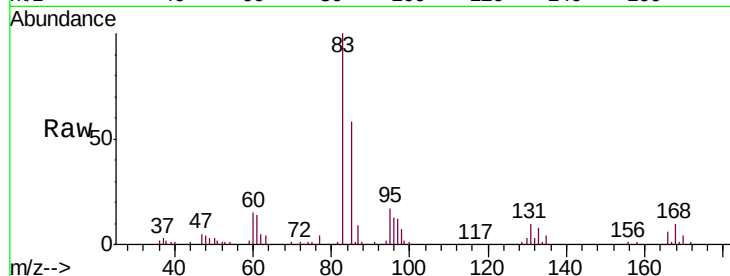
Tgt Ion: 83 Resp: 34743

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.4

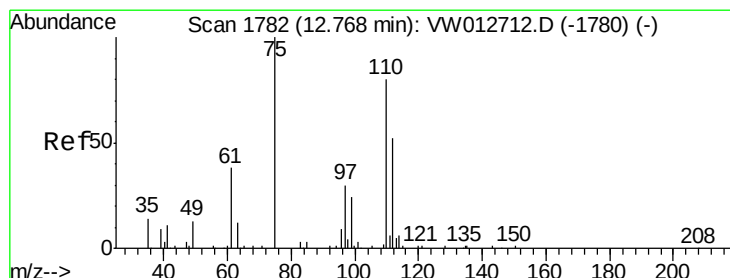
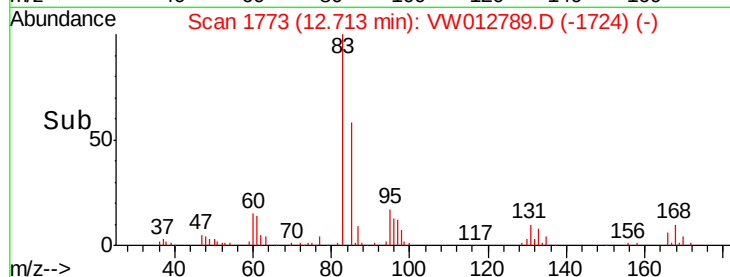
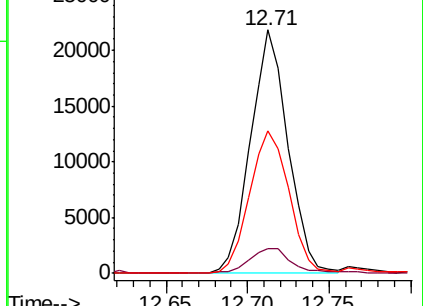
85 61.7 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.072 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012789.D

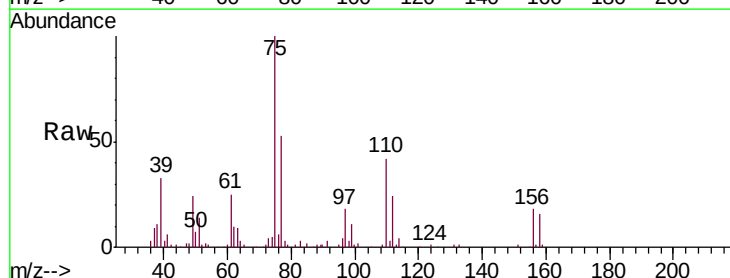
Acq: 09 Sep 2019 00:22

Tgt Ion: 75 Resp: 44737

Ion Ratio Lower Upper

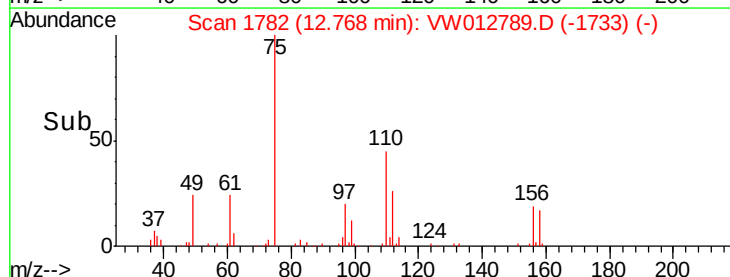
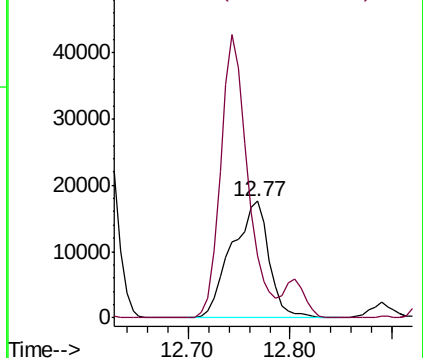
75 100

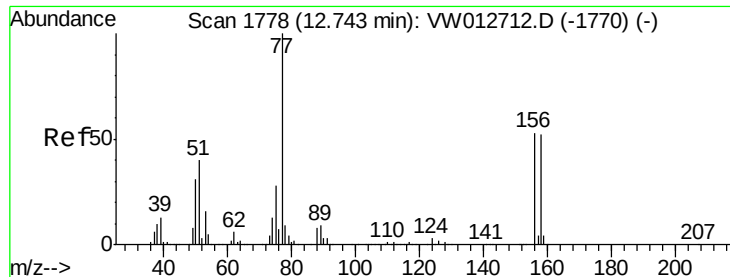
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

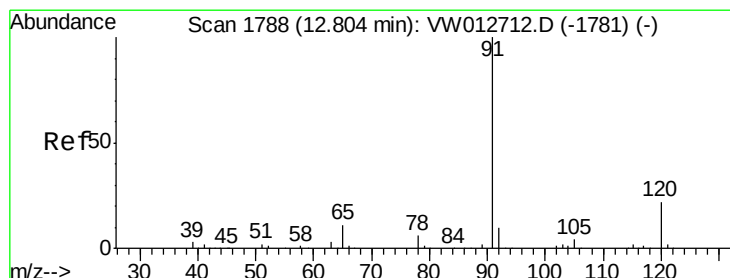
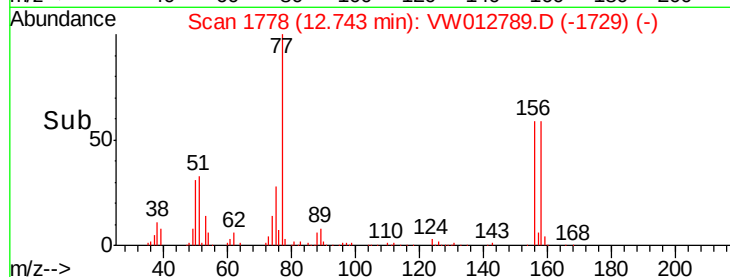
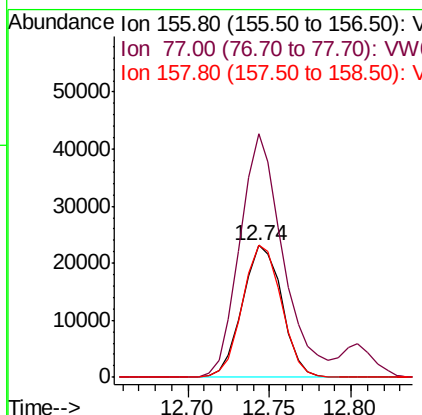
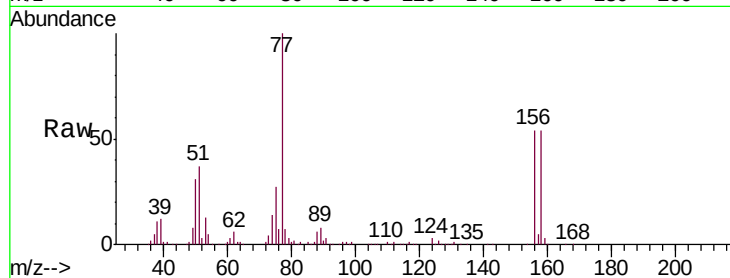




#77
Bromobenzene
Concen: 20.937 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

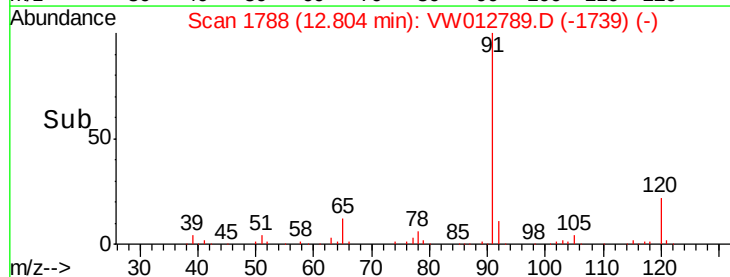
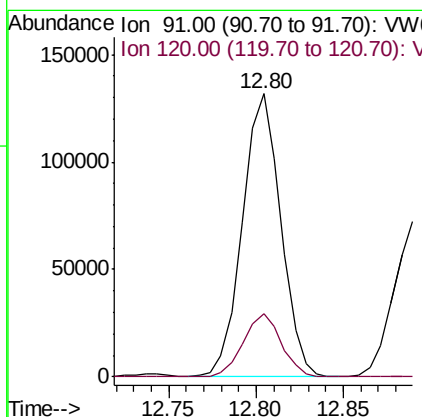
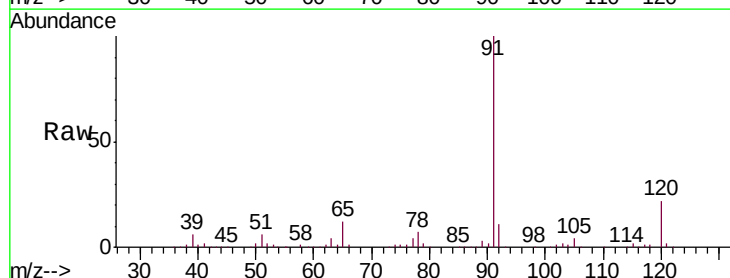
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

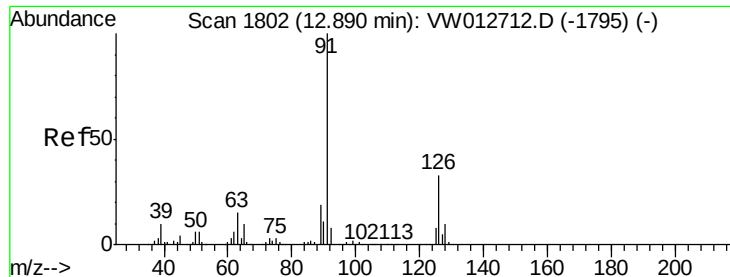
Tgt Ion:156 Resp: 39096
Ion Ratio Lower Upper
156 100
77 202.0 102.3 306.9
158 98.8 48.9 146.8



#78
n-propylbenzene
Concen: 20.304 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion: 91 Resp: 200149
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.296 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

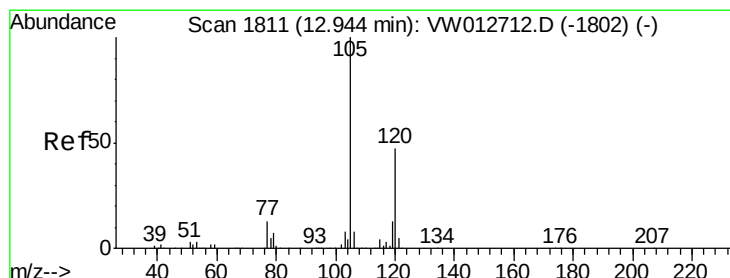
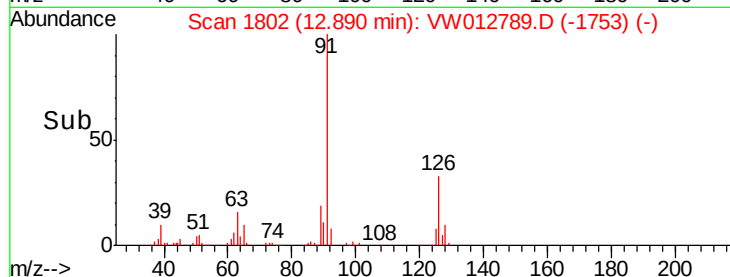
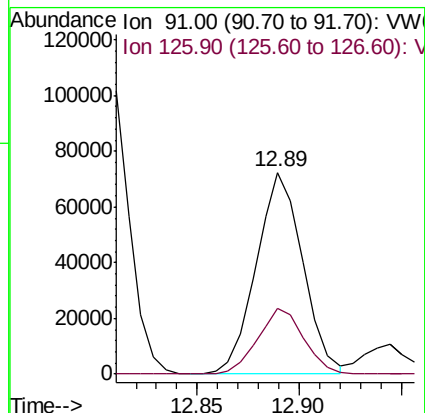
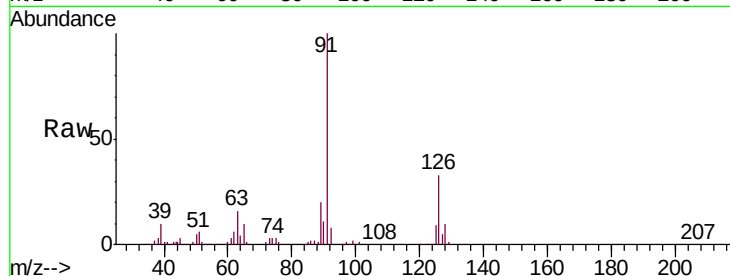
VW0908SBSD02

Tgt Ion: 91 Resp: 114857

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 20.669 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012789.D

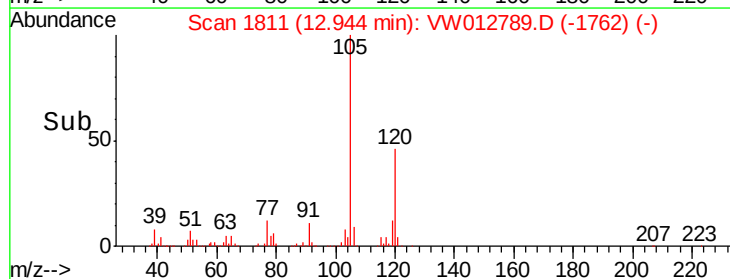
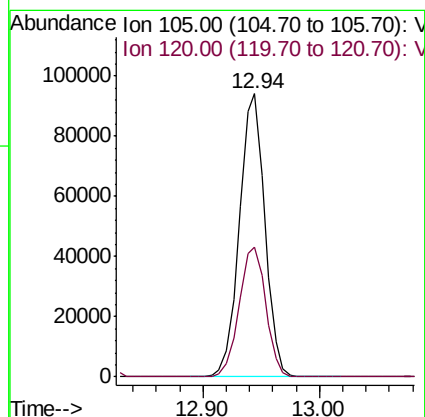
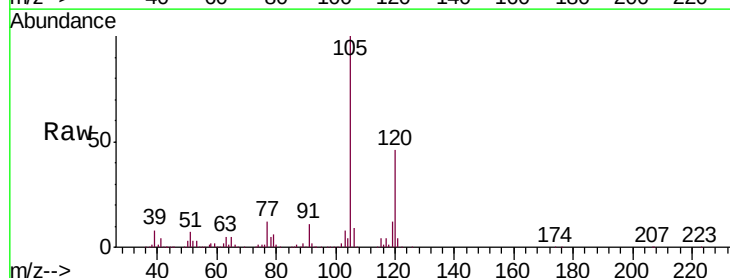
Acq: 09 Sep 2019 00:22

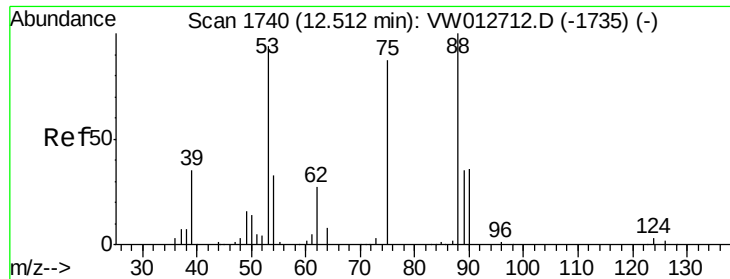
Tgt Ion: 105 Resp: 143547

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.381 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD02

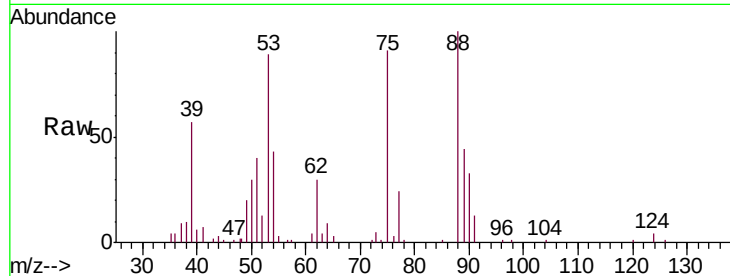
Tgt Ion: 75 Resp: 10212

Ion Ratio Lower Upper

75 100

53 111.0 87.6 131.4

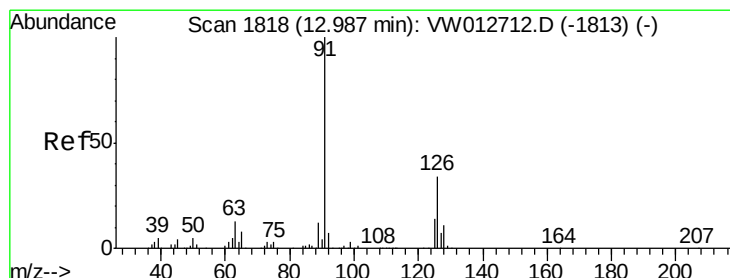
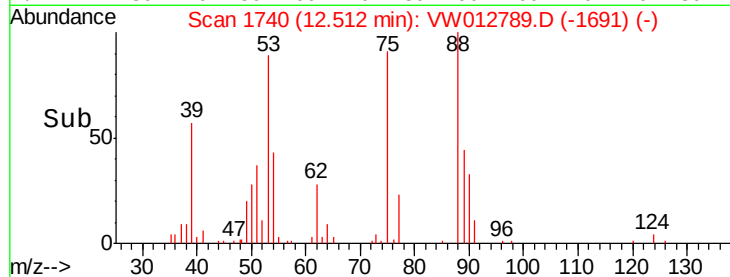
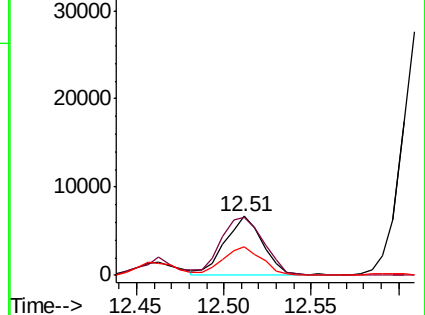
89 48.0 35.5 53.3



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: 20.293 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012789.D

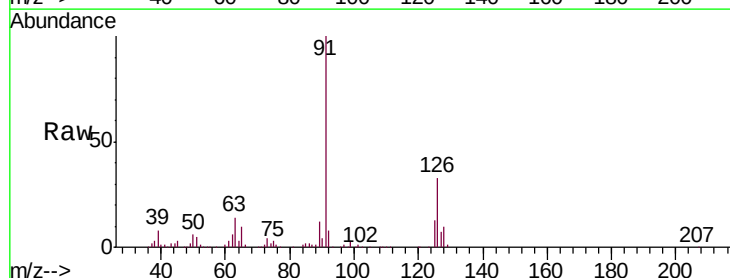
Acq: 09 Sep 2019 00:22

Tgt Ion: 91 Resp: 121474

Ion Ratio Lower Upper

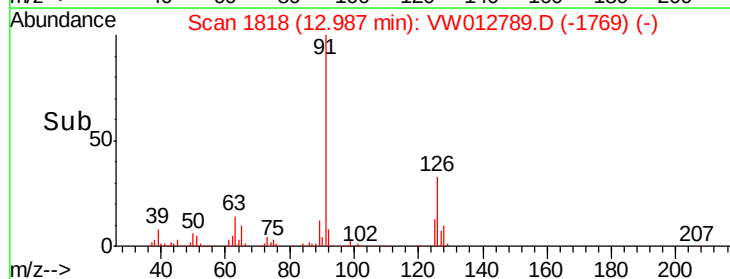
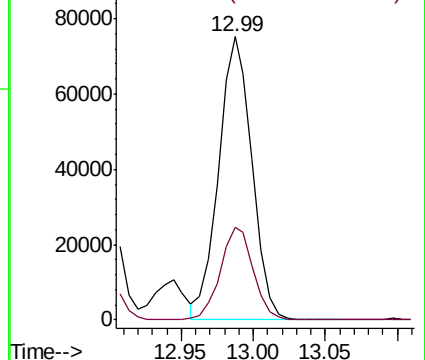
91 100

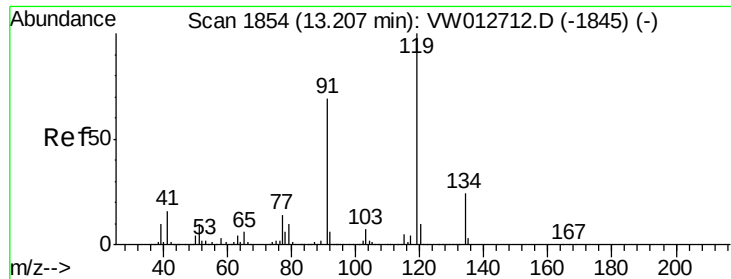
126 32.4 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

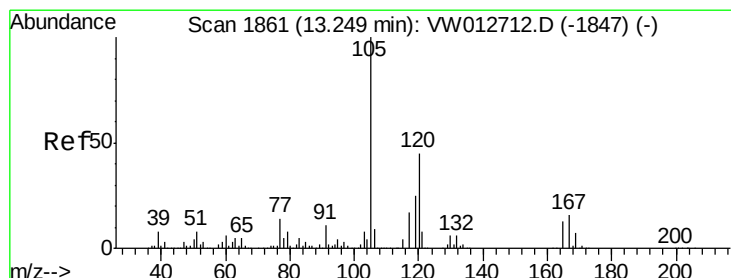
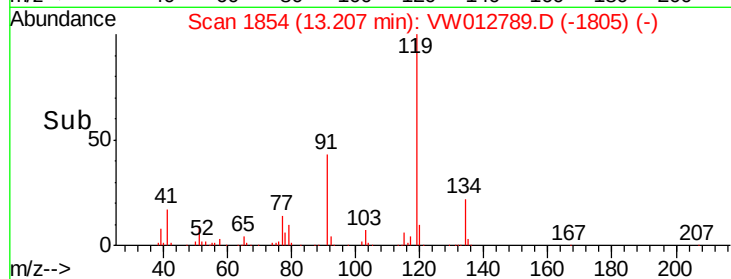
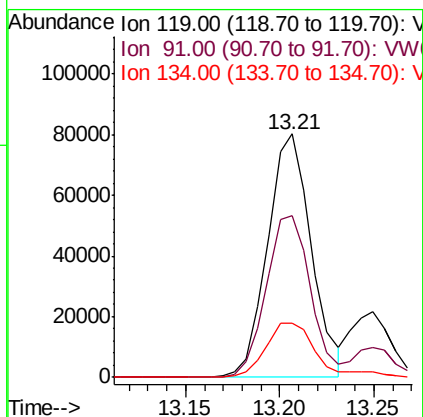
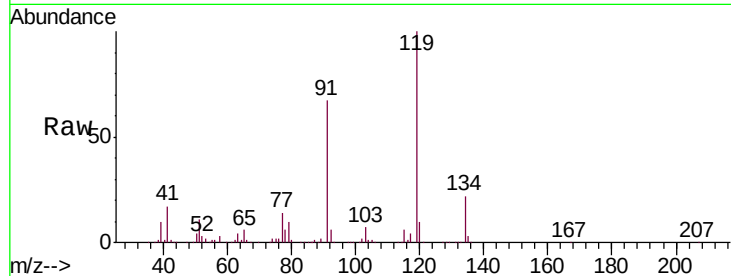




#83
 tert-Butylbenzene
 Concen: 21.016 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

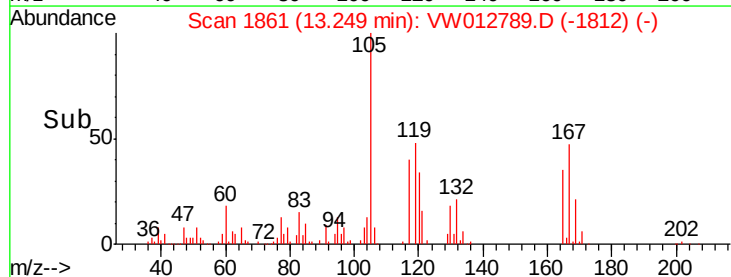
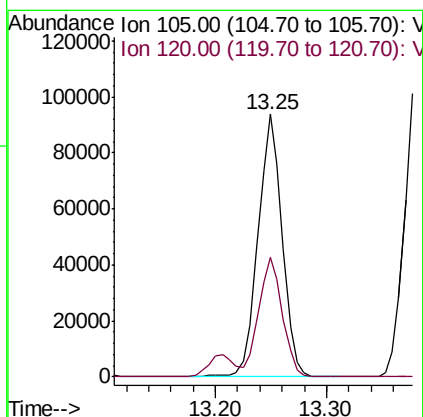
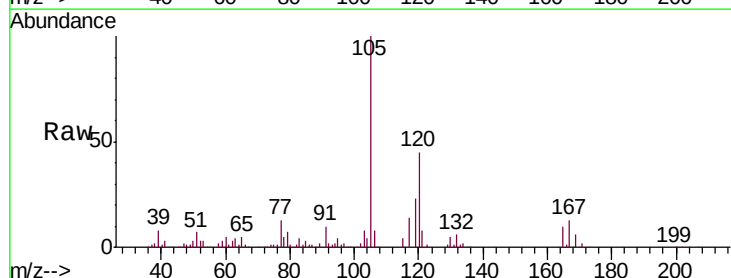
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

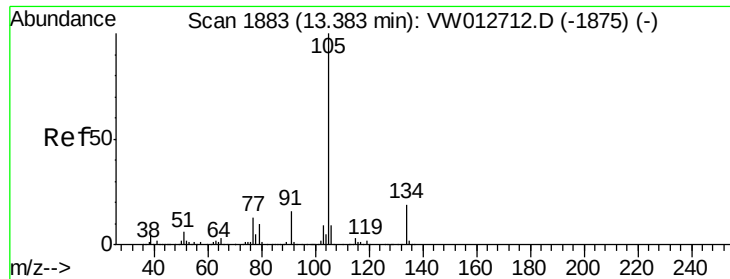
Tgt Ion:119 Resp: 129061
 Ion Ratio Lower Upper
 119 100
 91 67.4 34.2 102.5
 134 24.3 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.226 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion:105 Resp: 141546
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.3

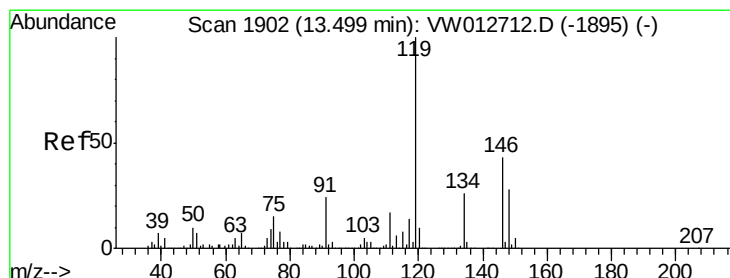
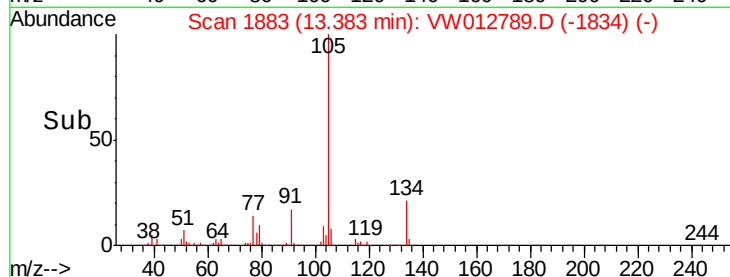
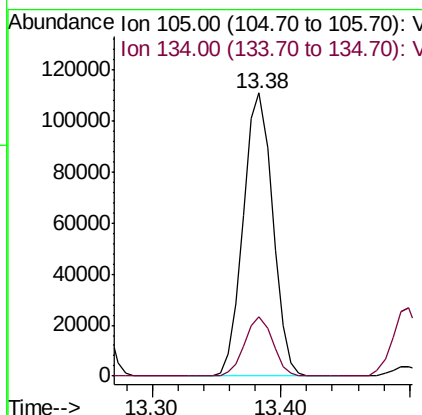
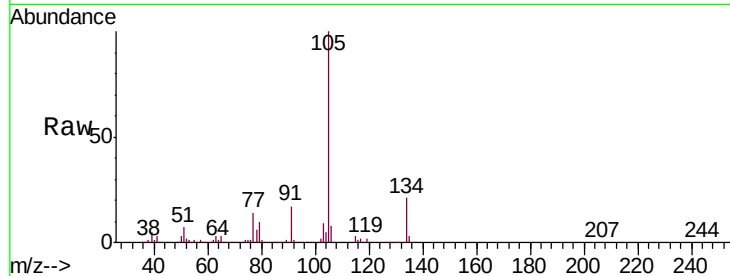




#85
 sec-Butylbenzene
 Concen: 20.544 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

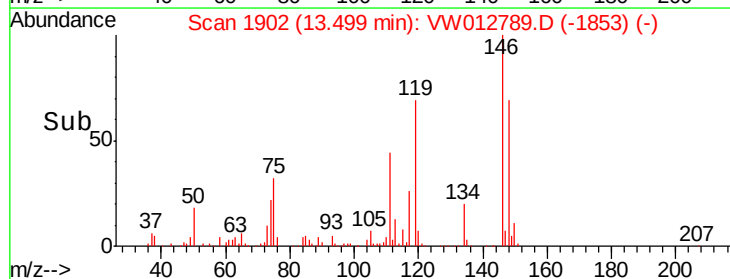
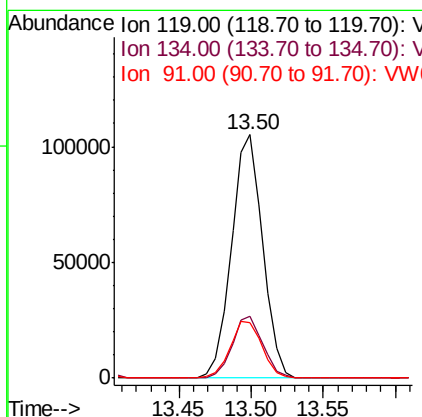
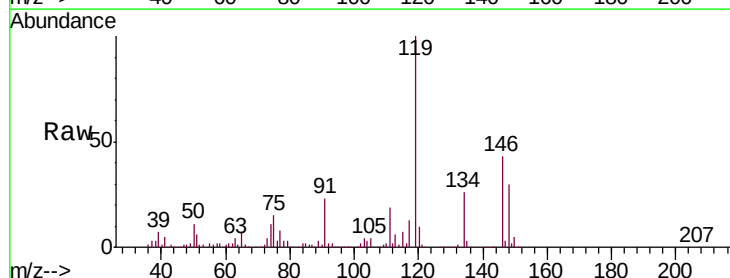
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

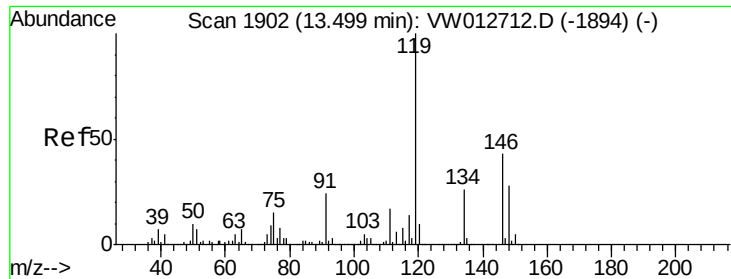
Tgt Ion:105 Resp: 175066
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.349 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion:119 Resp: 158388
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.1 12.2 36.6

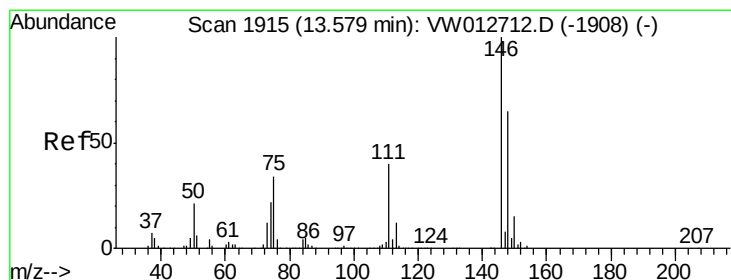
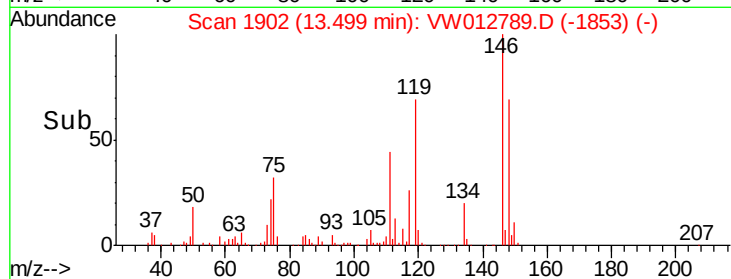
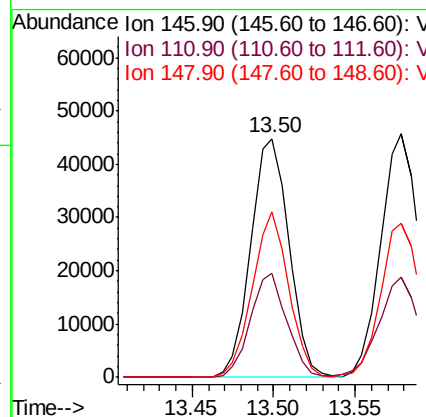
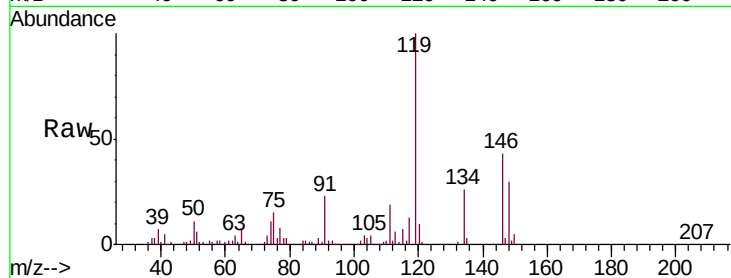




#87
 1,3-Dichlorobenzene
 Concen: 19.970 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

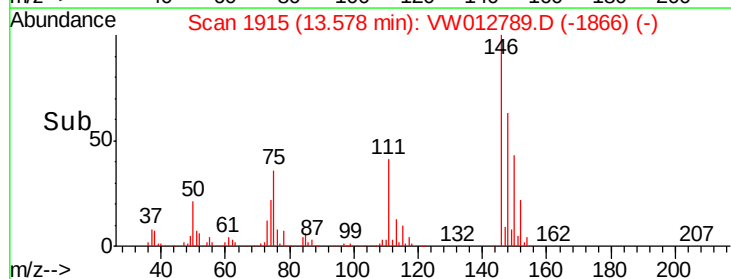
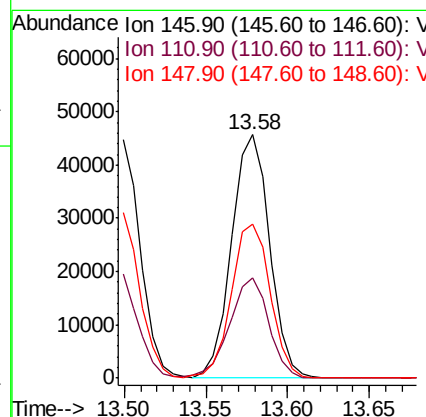
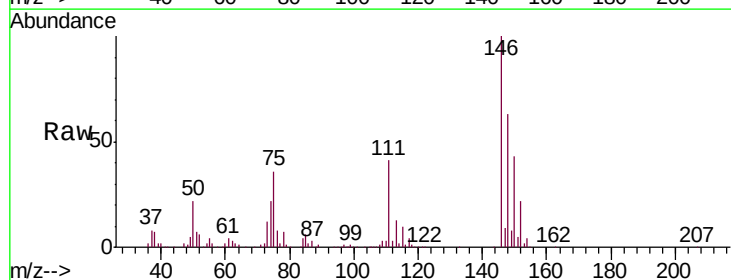
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

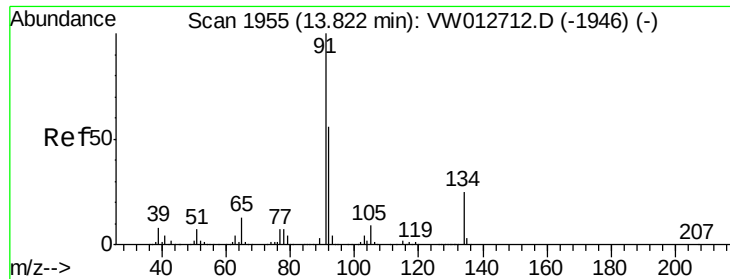
Tgt Ion:146 Resp: 73296
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.2
 148 65.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.335 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion:146 Resp: 74269
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.0 60.0
 148 64.6 32.2 96.6





#89

n-Butylbenzene

Concen: 19.070 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012789.D

Acq: 09 Sep 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

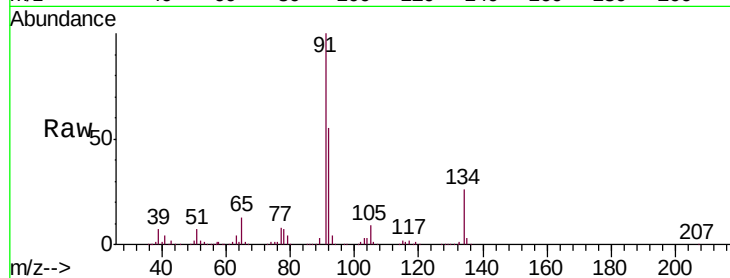
Tgt Ion: 91 Resp: 144106

Ion Ratio Lower Upper

91 100

92 52.7 27.2 81.5

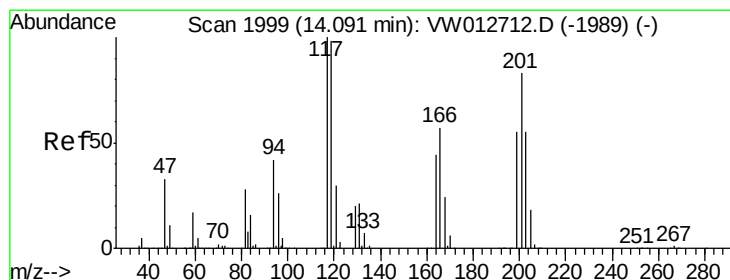
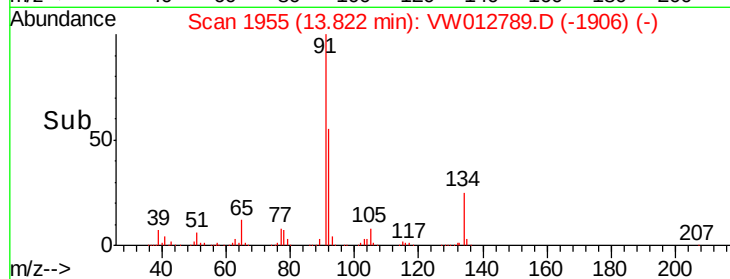
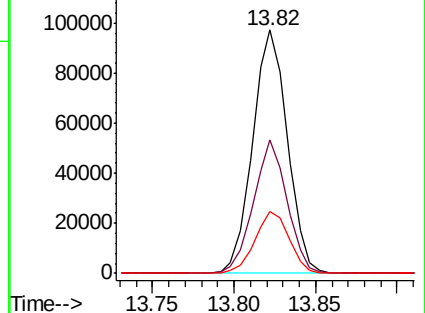
134 25.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.633 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012789.D

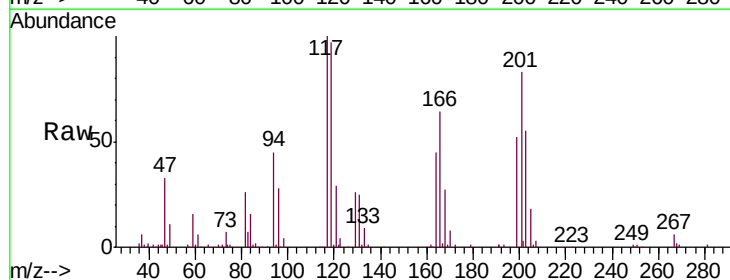
Acq: 09 Sep 2019 00:22

Tgt Ion: 117 Resp: 28036

Ion Ratio Lower Upper

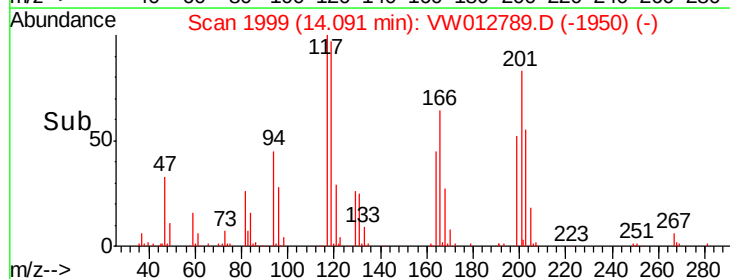
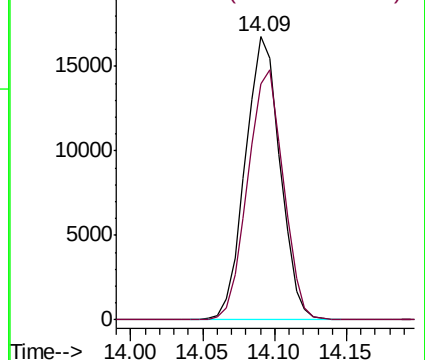
117 100

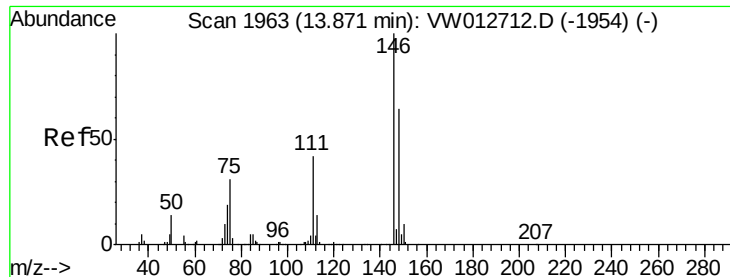
201 90.0 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

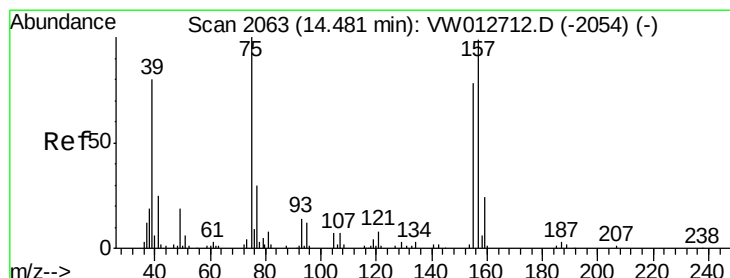
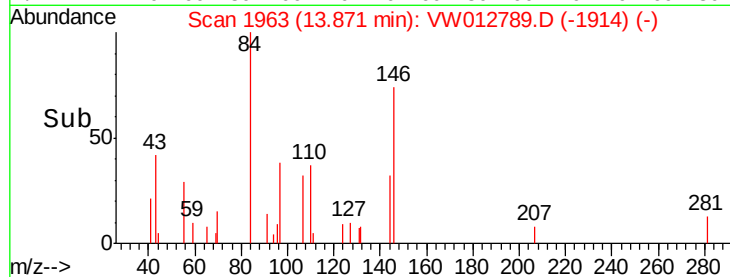
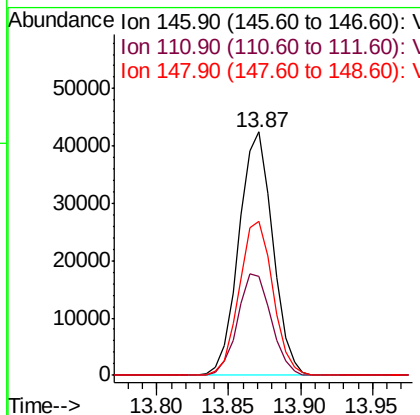
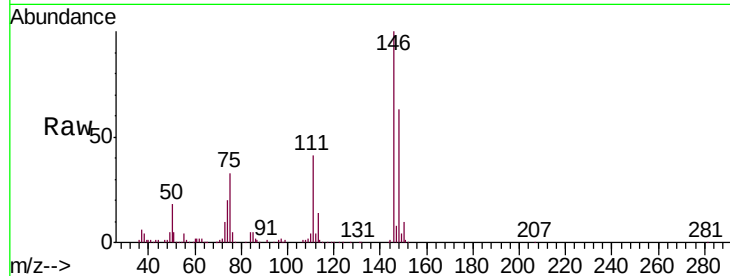




#91
 1,2-Dichlorobenzene
 Concen: 20.931 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

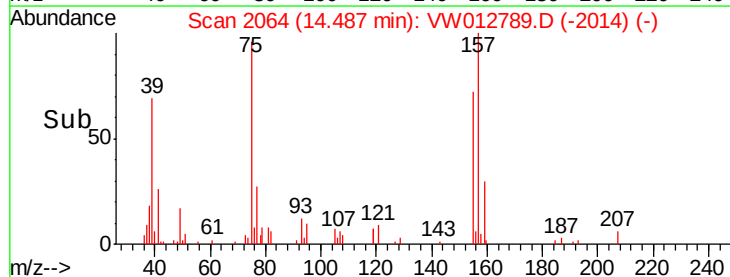
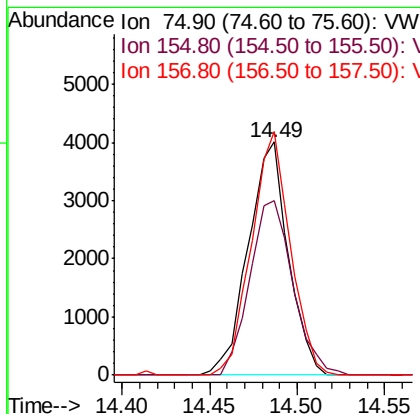
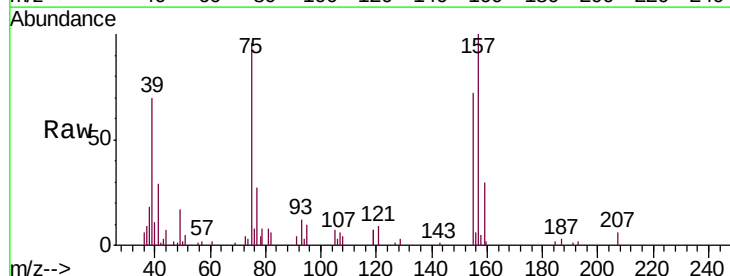
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

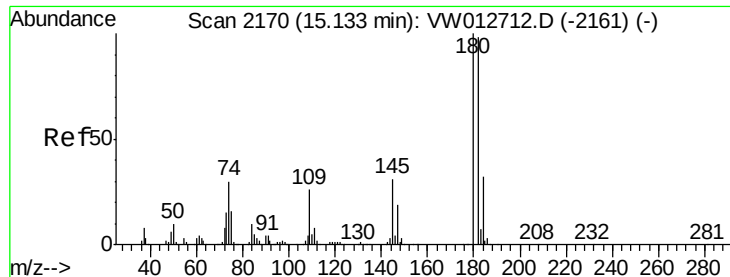
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.9
148	63.1	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.204 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	40.6	122.0
157	101.2	52.5	157.5

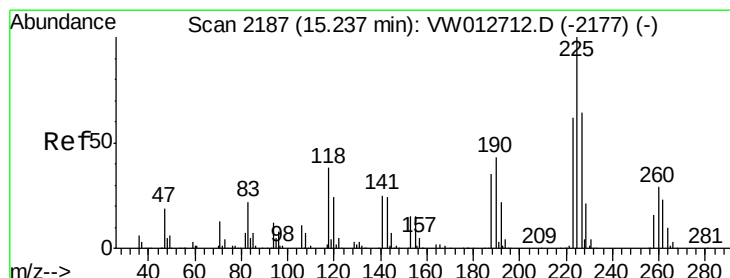
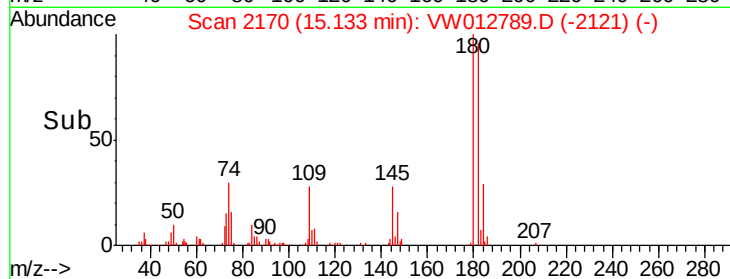
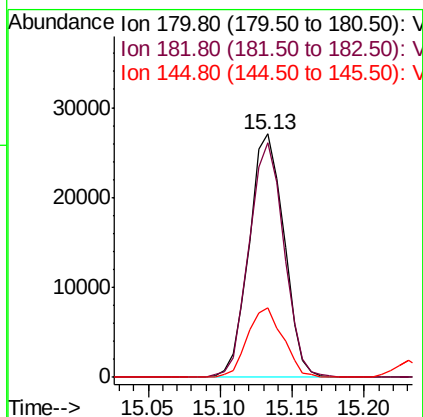
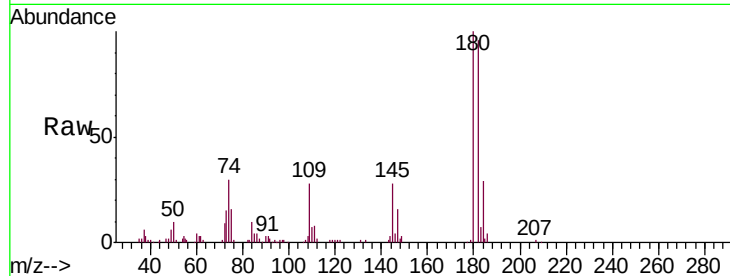




#93
 1,2,4-Trichlorobenzene
 Concen: 19.774 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

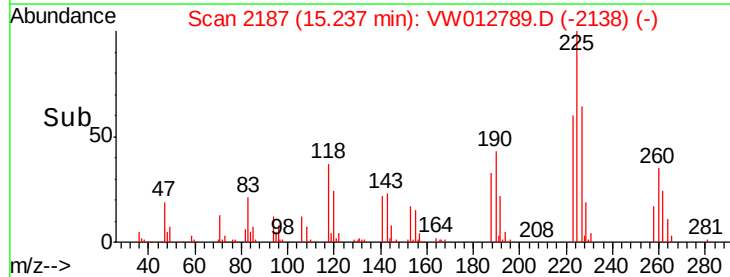
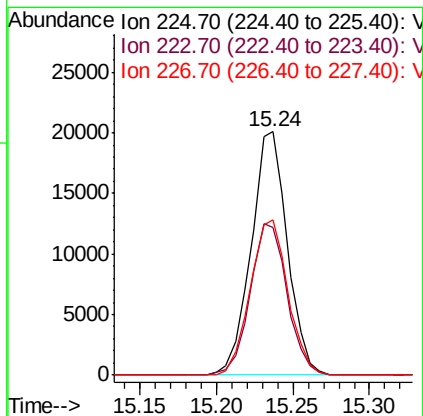
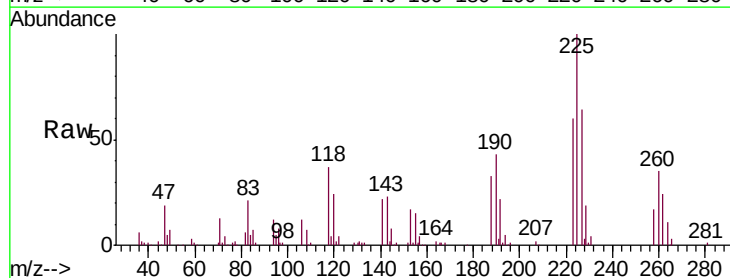
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD02

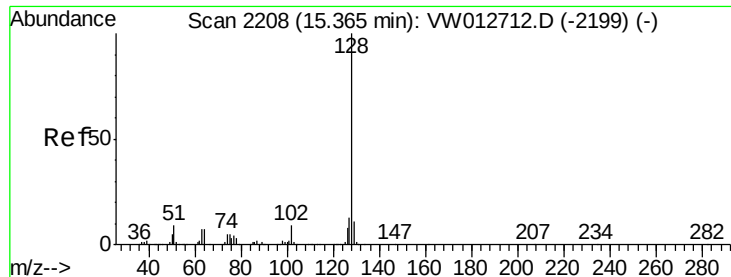
Tgt Ion:180 Resp: 45480
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.7 146.1
 145 29.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 20.824 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012789.D
 Acq: 09 Sep 2019 00:22

Tgt Ion:225 Resp: 33151
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.3
 227 66.0 31.4 94.2

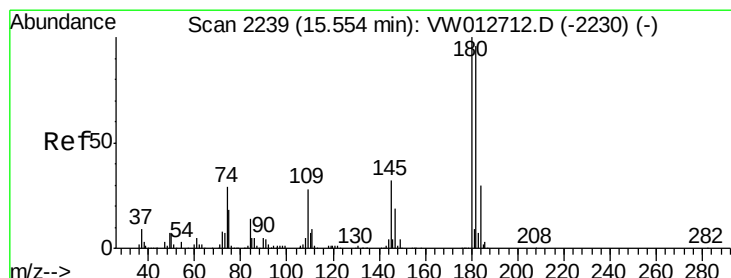
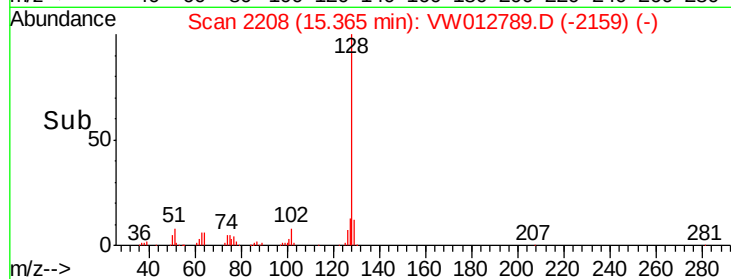
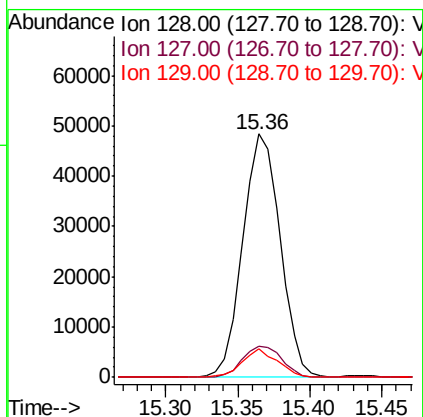
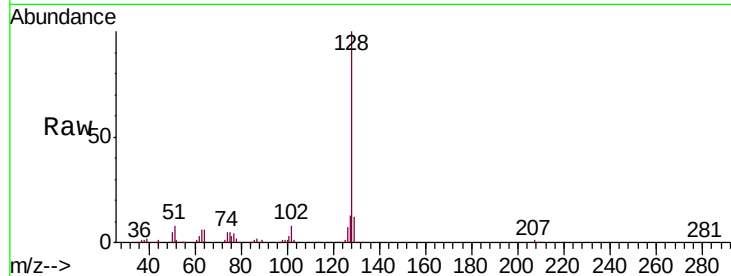




#95
Naphthalene
Concen: 20.899 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD02

Tgt Ion:128 Resp: 87093
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.226 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012789.D
Acq: 09 Sep 2019 00:22

Tgt Ion:180 Resp: 41063
Ion Ratio Lower Upper
180 100
182 98.5 47.8 143.3
145 32.1 15.4 46.2

