

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
 Data File : VW011637.D
 Acq On : 02 Aug 2019 23:58
 Operator : SY/VA
 Sample : VW0803SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

Quant Time: Aug 04 00:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144235	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
35) Dibromofluoromethane	7.88	113	113384	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.32	98	453322	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	164597	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30903	25.107	ug/l	95
3) Chloromethane	2.21	50	43573	20.415	ug/l	96
4) Vinyl Chloride	2.36	62	53338	20.757	ug/l	99
5) Bromomethane	2.76	94	29341	20.629	ug/l	94
6) Chloroethane	2.92	64	29557	20.137	ug/l	98
7) Trichlorofluoromethane	3.25	101	20551	17.895	ug/l	96
8) Diethyl Ether	3.68	74	29084	22.337	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45972	21.103	ug/l	99
10) Methyl Iodide	4.27	142	65810	21.377	ug/l	99
11) Tert butyl alcohol	5.17	59	23366	115.232	ug/l	99
12) 1,1-Dichloroethene	4.04	96	47036	20.449	ug/l	99
13) Acrolein	3.90	56	16601	91.230	ug/l	97
14) Allyl chloride	4.67	41	99271	20.292	ug/l	99
15) Acrylonitrile	5.37	53	72682	111.823	ug/l	99
16) Acetone	4.12	43	64682	80.180	ug/l	97
17) Carbon Disulfide	4.39	76	143263	19.900	ug/l	98
18) Methyl Acetate	4.67	43	44447	24.526	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	82377	22.569	ug/l	95
20) Methylene Chloride	4.92	84	59610	21.426	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	53528	21.586	ug/l	97
22) Diisopropyl ether	6.31	45	205353	22.264	ug/l	99
23) Vinyl Acetate	6.25	43	623196	107.528	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107170	21.695	ug/l	98
25) 2-Butanone	7.17	43	104464	98.961	ug/l	98
26) 2,2-Dichloropropane	7.17	77	56517	18.604	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58582	21.465	ug/l	98
28) Bromochloromethane	7.51	49	51074	23.294	ug/l #	99
29) Tetrahydrofuran	7.53	42	67819	112.396	ug/l	99
30) Chloroform	7.67	83	100438	22.039	ug/l	99
31) Cyclohexane	7.95	56	94843	20.002	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	73880	21.287	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77875	19.929	ug/l	99
37) Ethyl Acetate	7.25	43	48660	21.644	ug/l	99
38) Carbon Tetrachloride	8.07	117	66571	19.900	ug/l	99

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Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBS01

Quant Time: Aug 04 00:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83219	19.340	ug/l	98
40) Benzene	8.32	78	224347	20.496	ug/l	100
41) Methacrylonitrile	7.48	41	31274	23.271	ug/l	95
42) 1,2-Dichloroethane	8.40	62	74339	21.693	ug/l	99
43) Isopropyl Acetate	8.42	43	87820	21.240	ug/l	99
44) Trichloroethene	9.09	130	52448	19.936	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62183	21.232	ug/l	98
46) Dibromomethane	9.46	93	28643	21.428	ug/l	100
47) Bromodichloromethane	9.65	83	72449	20.662	ug/l	99
48) Methyl methacrylate	9.44	41	42180	21.237	ug/l	99
49) 1,4-Dioxane	9.45	88	8296	428.629	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	232105	107.925	ug/l	100
52) Toluene	10.39	92	136833	20.701	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	73843	20.160	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	88452	20.310	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40582	21.397	ug/l	97
56) Ethyl methacrylate	10.65	69	57889	20.858	ug/l	97
57) 1,3-Dichloropropane	10.93	76	76769	21.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	145950	115.823	ug/l	99
59) 2-Hexanone	10.97	43	154219	101.562	ug/l	99
60) Dibromochloromethane	11.13	129	44190	20.990	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38295	21.336	ug/l	98
64) Tetrachloroethene	10.86	164	45827	21.146	ug/l	95
65) Chlorobenzene	11.66	112	138880	20.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49228	21.120	ug/l	99
67) Ethyl Benzene	11.73	91	260497	20.440	ug/l	100
68) m/p-Xylenes	11.84	106	188396	40.648	ug/l	100
69) o-Xylene	12.16	106	89503	20.781	ug/l	99
70) Styrene	12.18	104	155262	20.850	ug/l	100
71) Bromoform	12.35	173	25692	21.619	ug/l	98
73) Isopropylbenzene	12.46	105	241546	19.996	ug/l	100
74) N-amyl acetate	12.27	43	79431	21.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48782	21.469	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64025	37.370	ug/l #	100
77) Bromobenzene	12.74	156	56515	21.167	ug/l	99
78) n-propylbenzene	12.80	91	291415	19.823	ug/l	99
79) 2-Chlorotoluene	12.89	91	172550	20.374	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	206583	20.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14108	18.978	ug/l	95
82) 4-Chlorotoluene	12.99	91	181722	20.451	ug/l	99
83) tert-Butylbenzene	13.21	119	172394	20.359	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	210701	20.657	ug/l	99
85) sec-Butylbenzene	13.38	105	240608	19.914	ug/l	100
86) p-Isopropyltoluene	13.50	119	217839	19.872	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	105417	20.136	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105097	20.181	ug/l	99
89) n-Butylbenzene	13.82	91	206831	18.906	ug/l	99
90) Hexachloroethane	14.09	117	39384	20.317	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	96770	20.899	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8124	20.967	ug/l	98

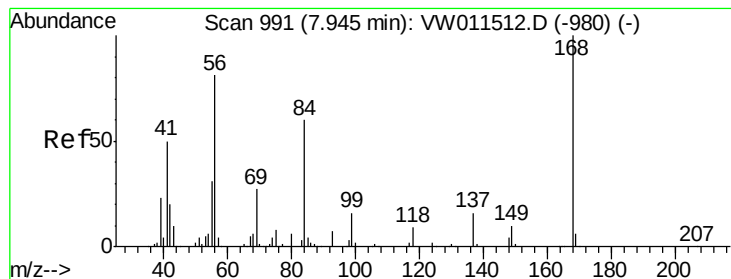
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	63838	19.563	ug/l	99
94) Hexachlorobutadiene	15.24	225	39640	19.479	ug/l	97
95) Naphthalene	15.36	128	117579	19.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57050	19.944	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

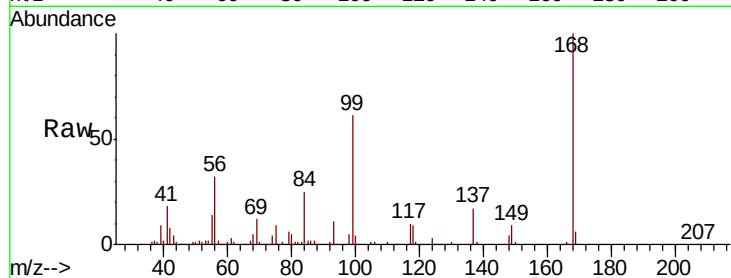
VW0803SBSD01

Tgt Ion:168 Resp: 220857

Ion Ratio Lower Upper

168 100

99 60.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

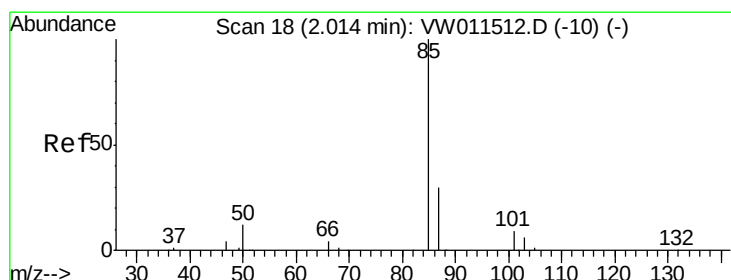
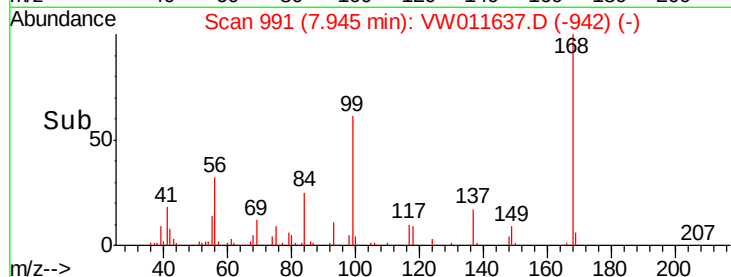
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 25.107 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011637.D

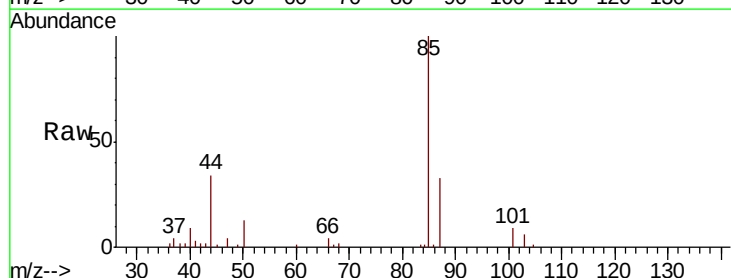
Acq: 02 Aug 2019 23:58

Tgt Ion: 85 Resp: 30903

Ion Ratio Lower Upper

85 100

87 33.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

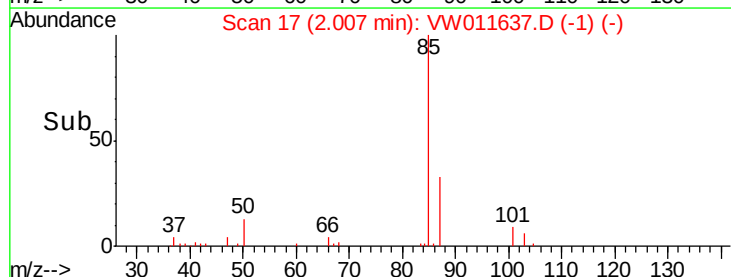
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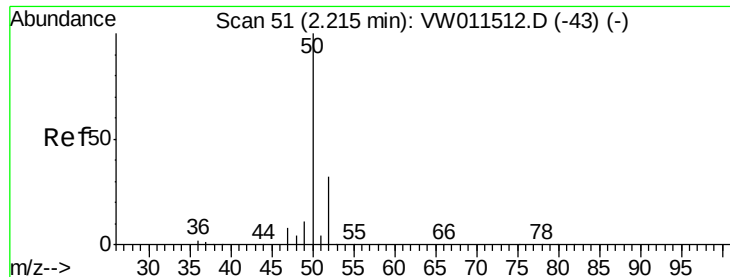
4000

2000

0

Time-->





#3

Chloromethane

Concen: 20.415 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

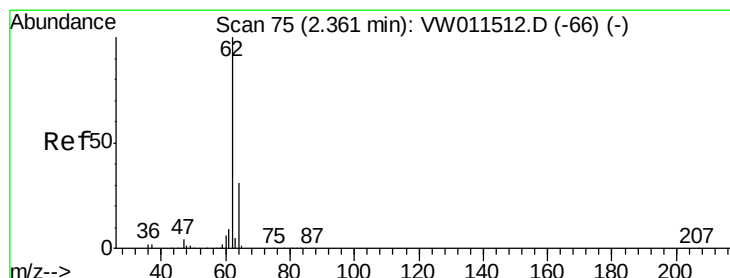
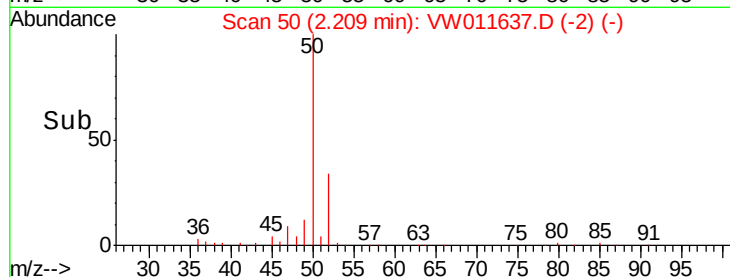
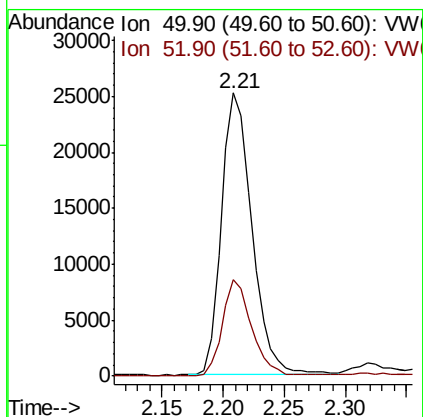
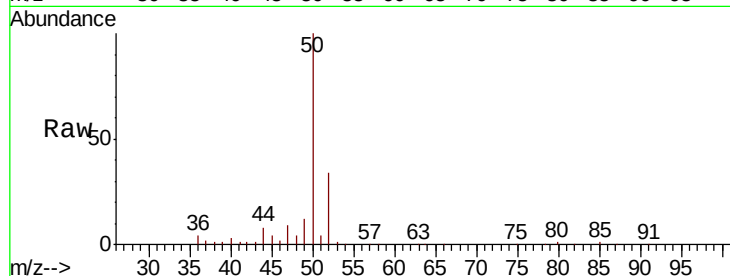
VW0803SBSD01

Tgt Ion: 50 Resp: 43573

Ion Ratio Lower Upper

50 100

52 34.2 25.4 38.2



#4

Vinyl Chloride

Concen: 20.757 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011637.D

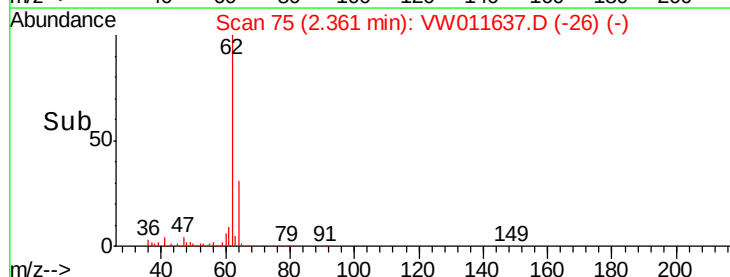
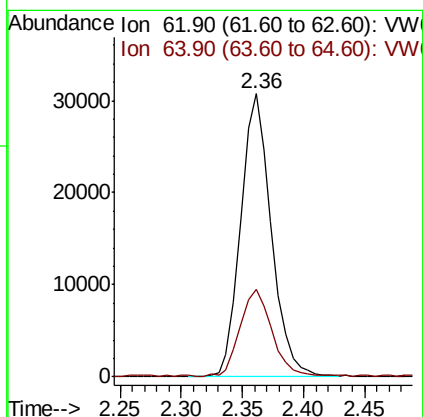
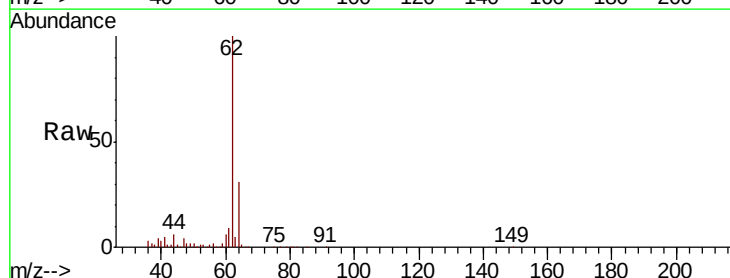
Acq: 02 Aug 2019 23:58

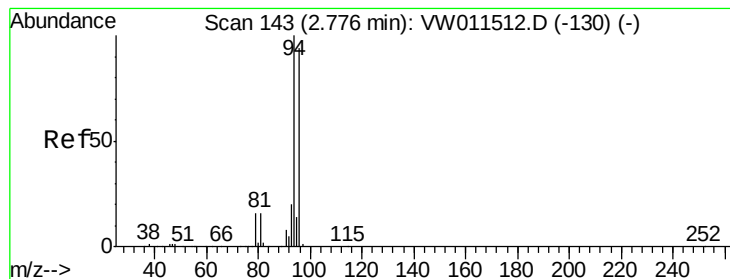
Tgt Ion: 62 Resp: 53338

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.4





#5

Bromomethane

Concen: 20.629 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

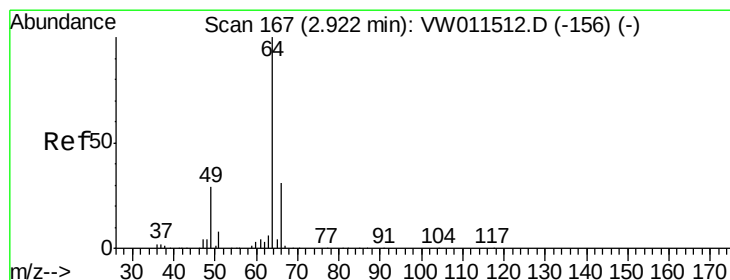
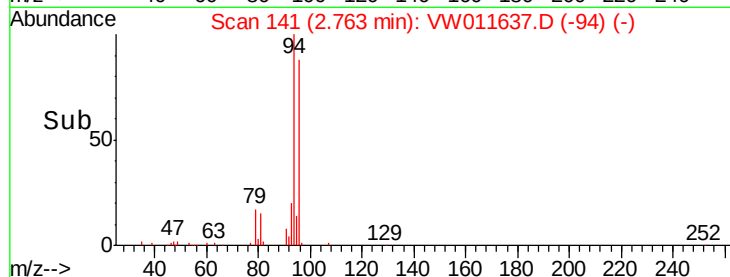
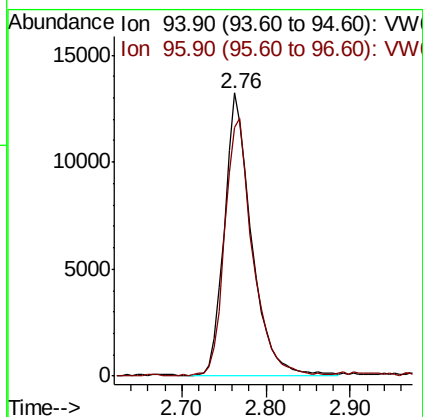
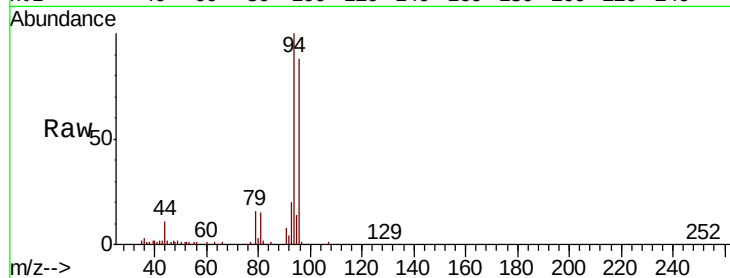
VW0803SBSD01

Tgt Ion: 94 Resp: 29341

Ion Ratio Lower Upper

94 100

96 87.9 75.0 112.6



#6

Chloroethane

Concen: 20.137 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011637.D

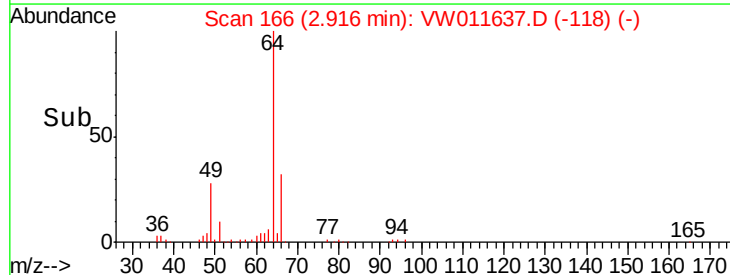
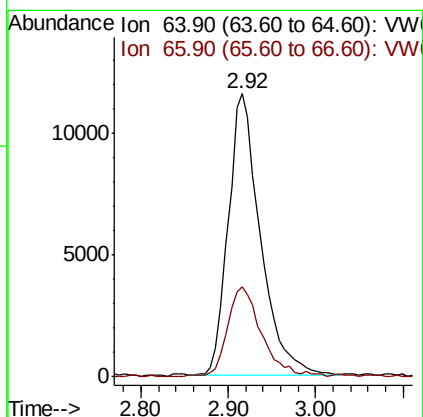
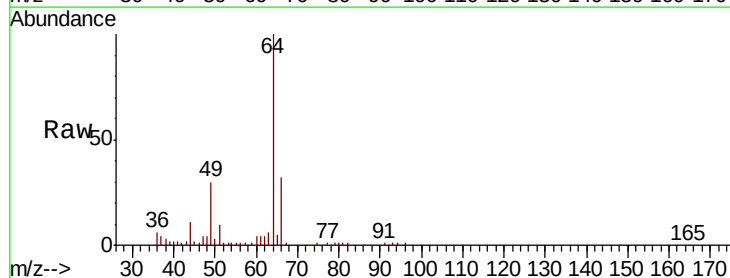
Acq: 02 Aug 2019 23:58

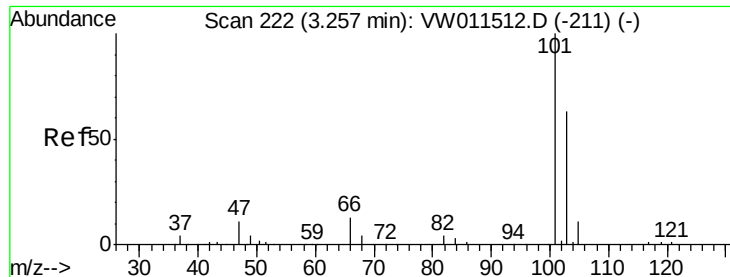
Tgt Ion: 64 Resp: 29557

Ion Ratio Lower Upper

64 100

66 31.7 24.6 36.8



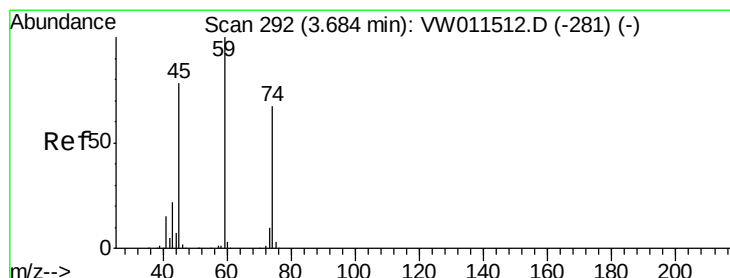
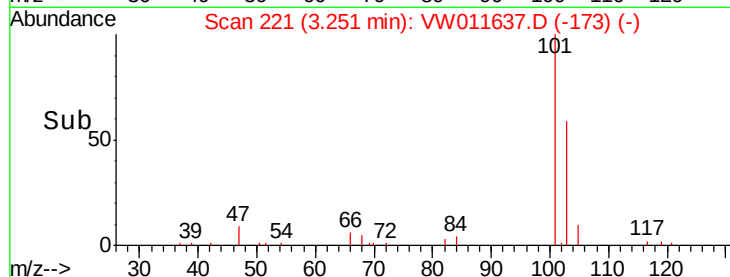
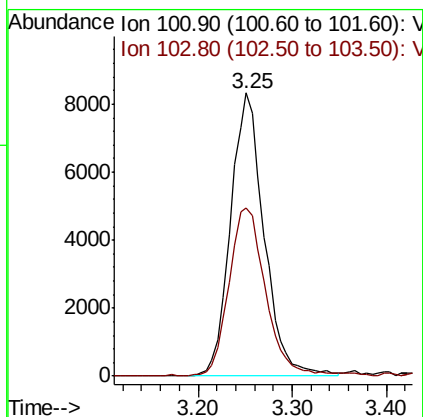
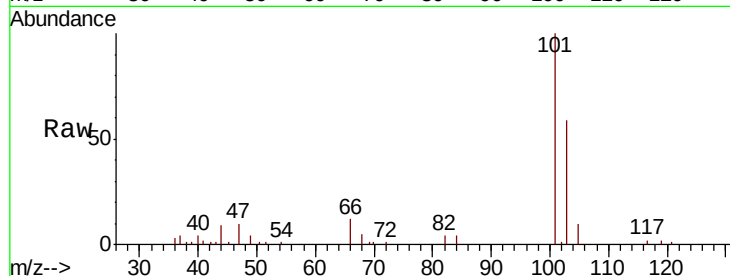


#7

Trichlorofluoromethane
Concen: 17.895 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

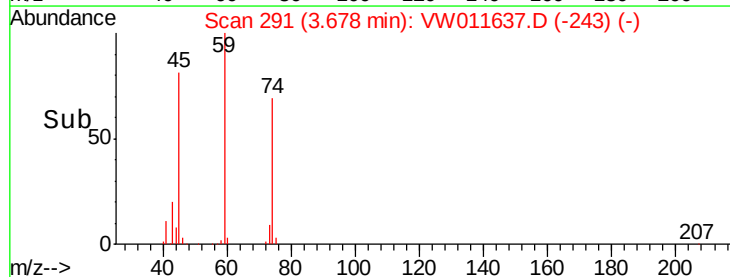
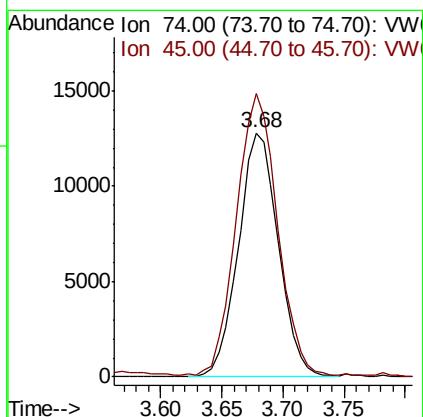
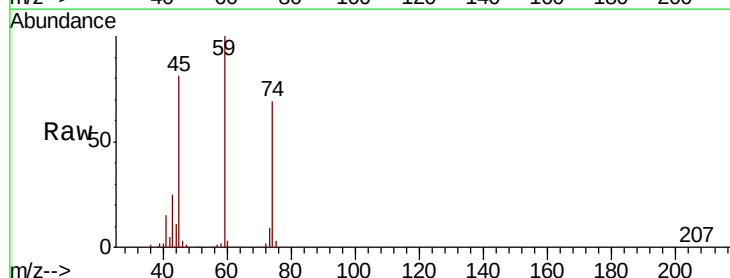
Tgt Ion:101 Resp: 20551
Ion Ratio Lower Upper
101 100
103 59.3 50.2 75.4

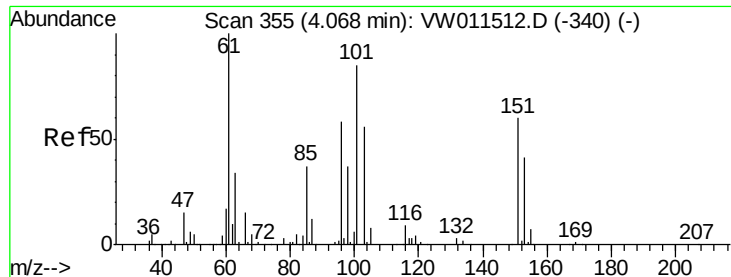


#8

Diethyl Ether
Concen: 22.337 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 74 Resp: 29084
Ion Ratio Lower Upper
74 100
45 118.2 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.103 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBSD01

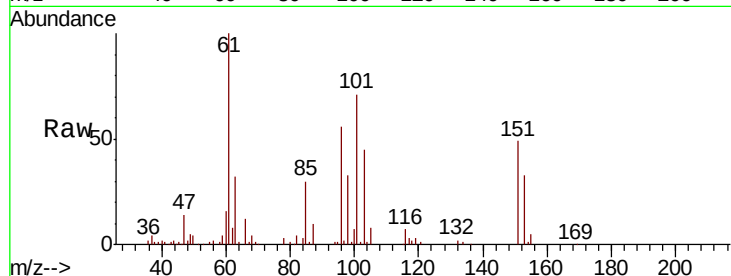
Tgt Ion:101 Resp: 45972

Ion Ratio Lower Upper

101 100

85 45.0 36.6 54.8

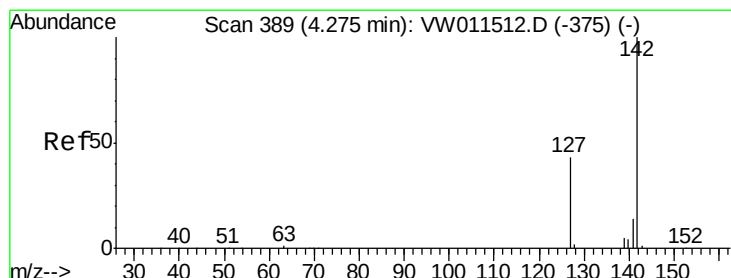
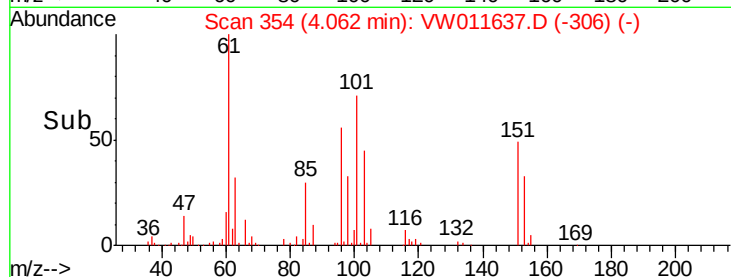
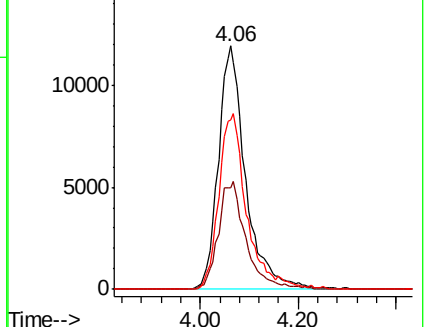
151 73.9 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.377 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

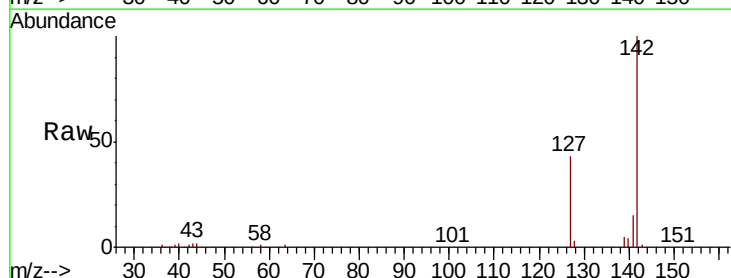
Tgt Ion:142 Resp: 65810

Ion Ratio Lower Upper

142 100

127 44.3 35.0 52.6

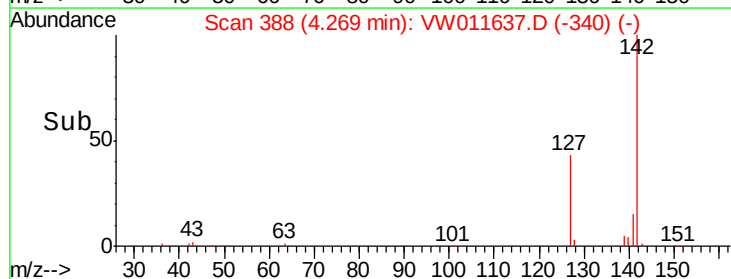
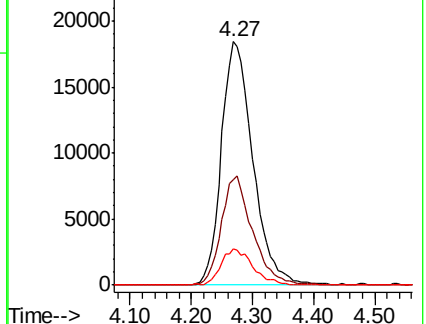
141 15.1 11.9 17.9

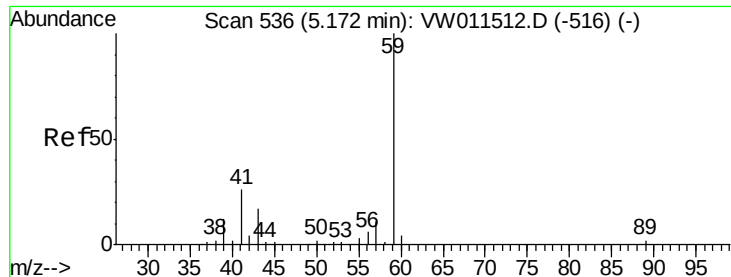


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

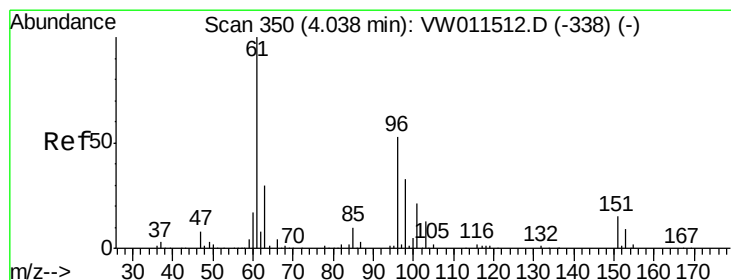
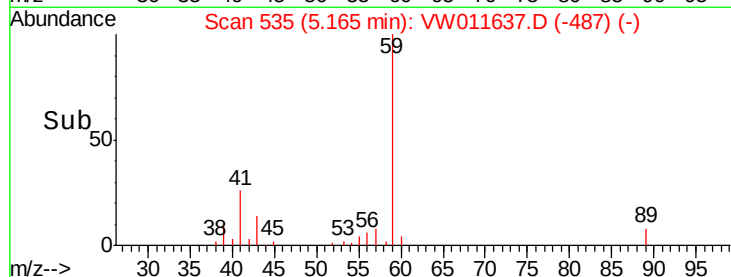
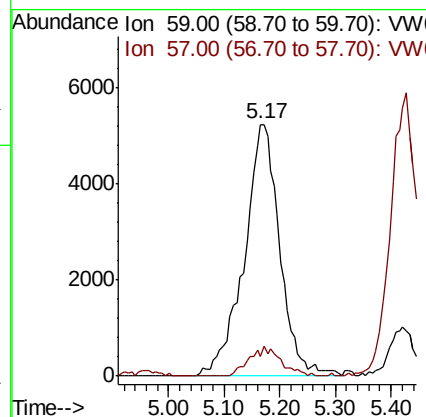
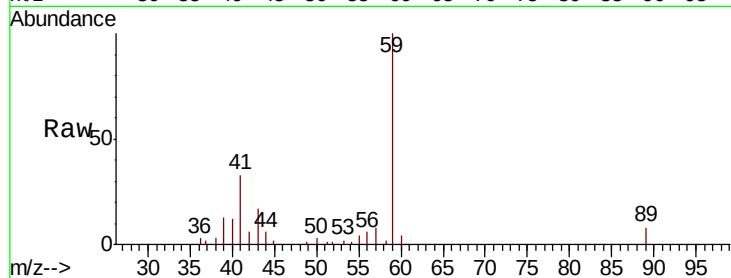




#11
Tert butyl alcohol
Concen: 115.232 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

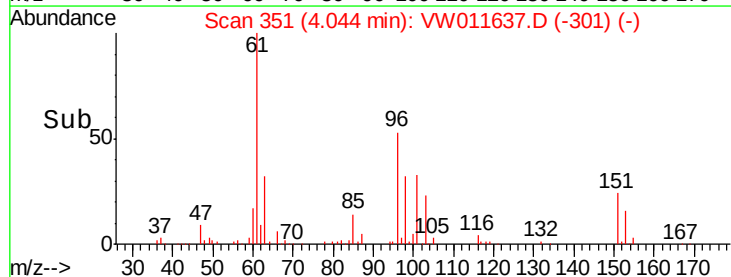
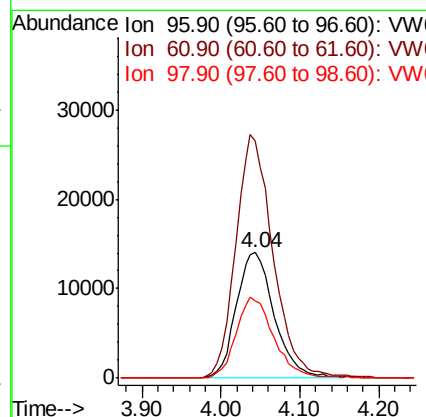
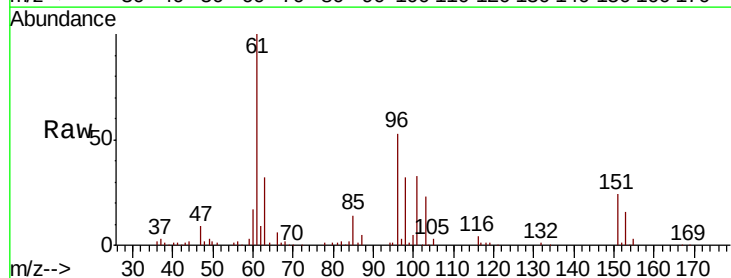
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

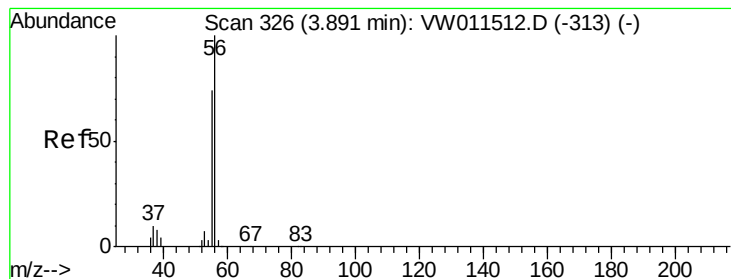
Tgt Ion: 59 Resp: 23366
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 20.449 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 96 Resp: 47036
Ion Ratio Lower Upper
96 100
61 189.2 149.9 224.9
98 61.1 49.1 73.7





#13

Acrolein

Concen: 91.230 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

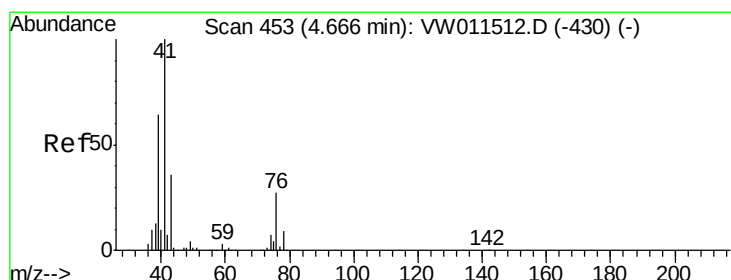
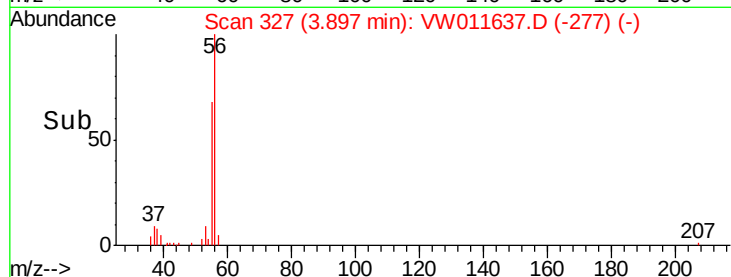
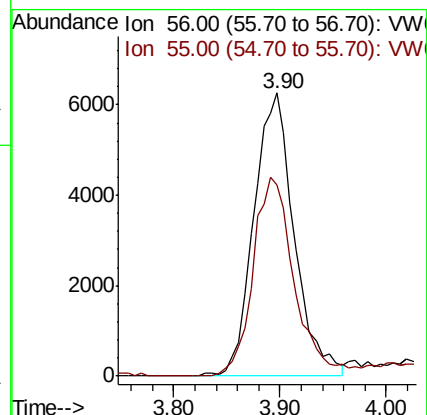
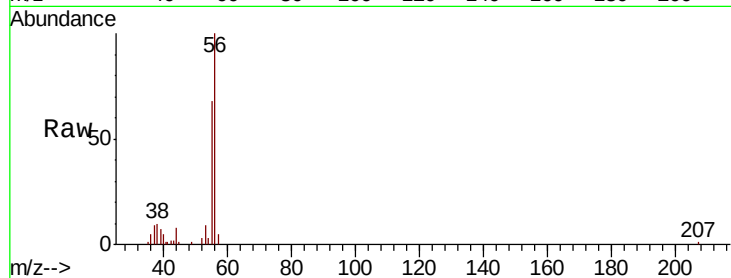
VW0803SBSD01

Tgt Ion: 56 Resp: 16601

Ion Ratio Lower Upper

56 100

55 72.4 56.0 84.0



#14

Allyl chloride

Concen: 20.292 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

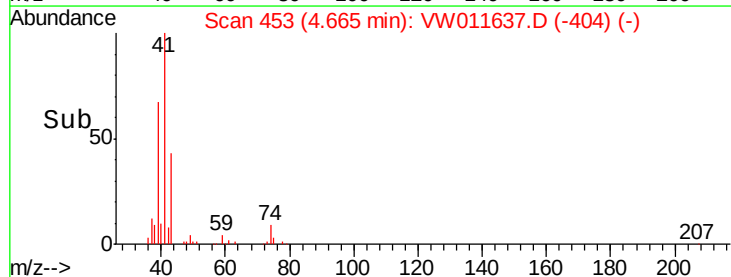
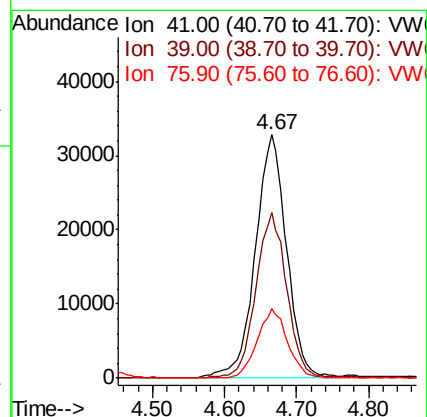
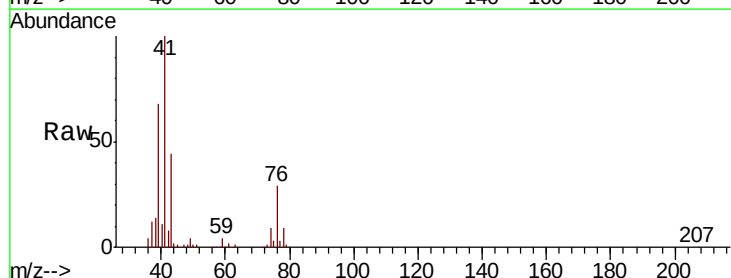
Tgt Ion: 41 Resp: 99271

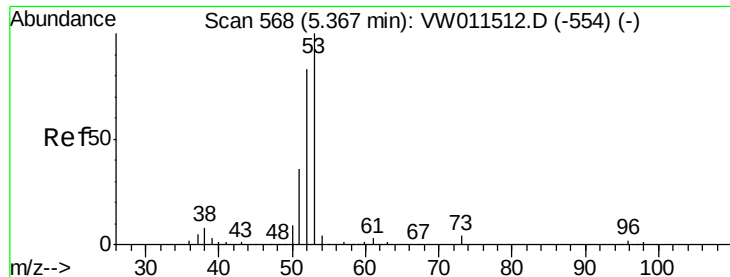
Ion Ratio Lower Upper

41 100

39 66.3 52.6 78.8

76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 111.823 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBSD01

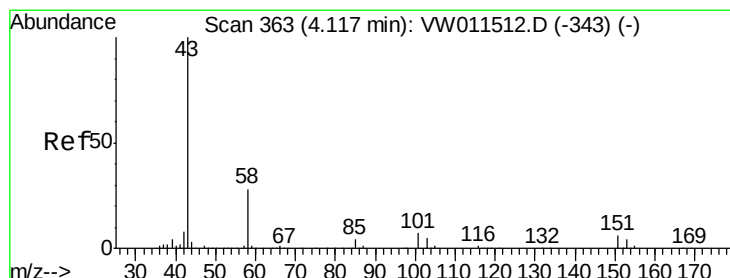
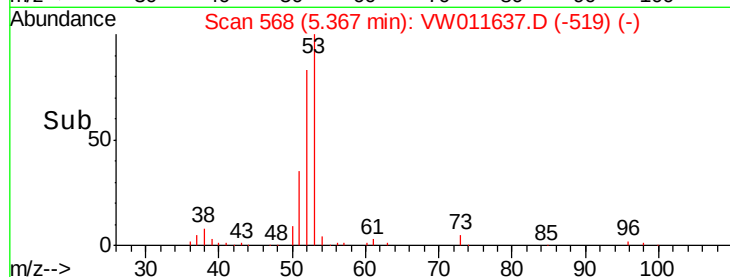
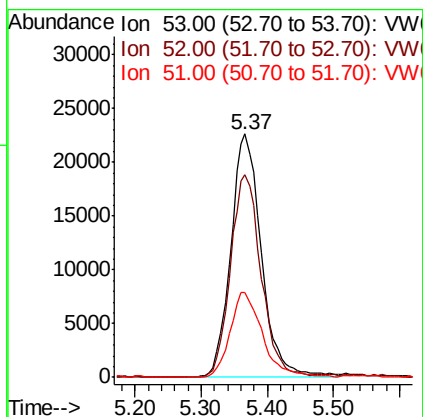
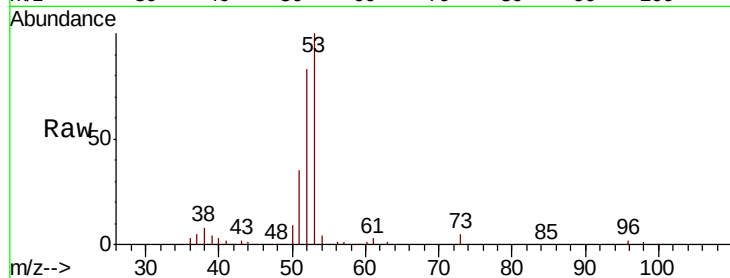
Tgt Ion: 53 Resp: 72682

Ion Ratio Lower Upper

53 100

52 83.0 67.2 100.8

51 37.0 30.0 45.0



#16

Acetone

Concen: 80.180 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011637.D

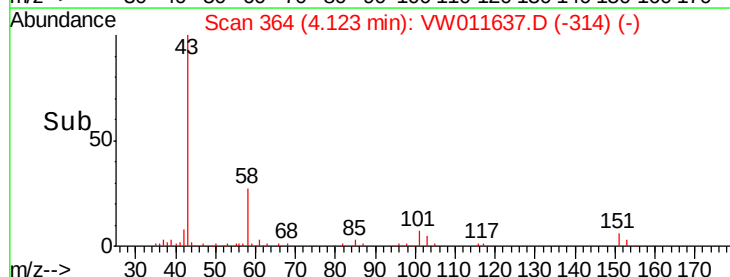
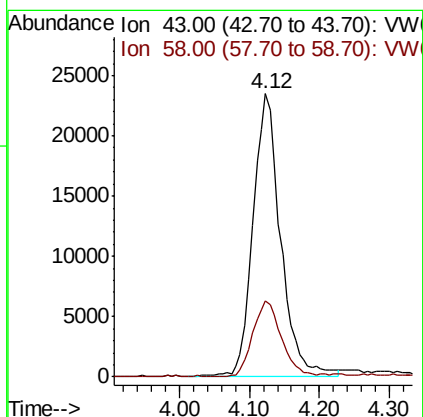
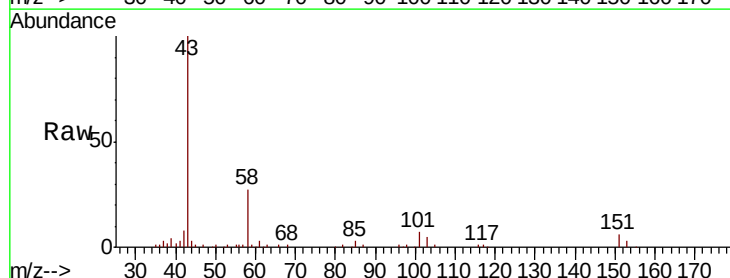
Acq: 02 Aug 2019 23:58

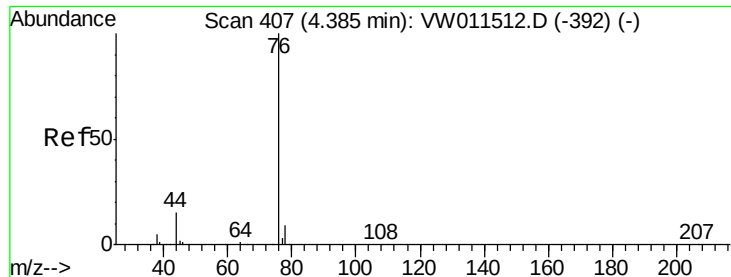
Tgt Ion: 43 Resp: 64682

Ion Ratio Lower Upper

43 100

58 26.4 22.3 33.5

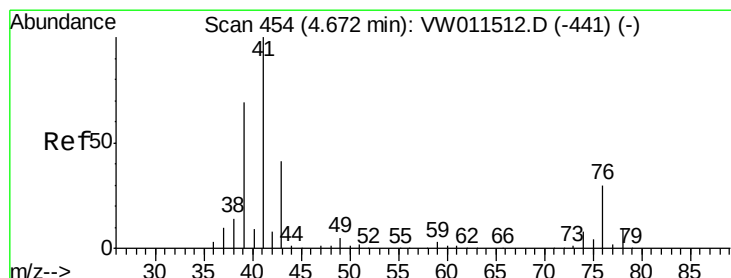
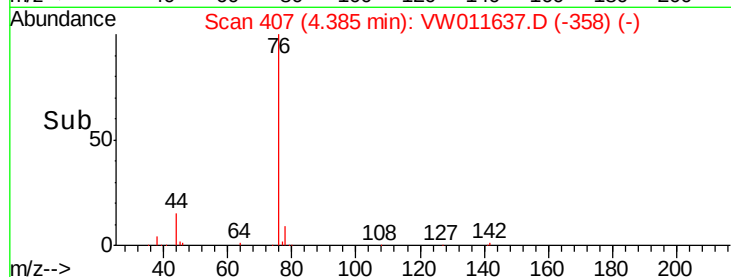
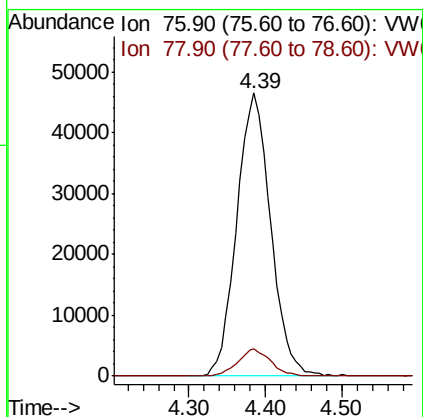
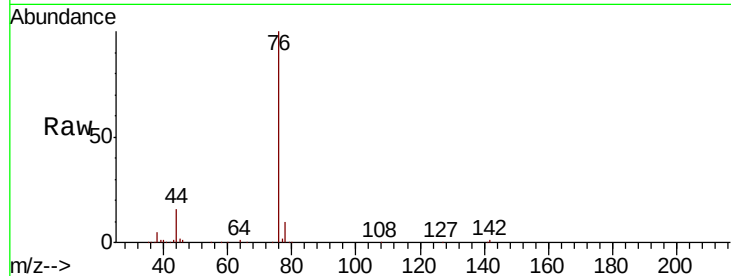




#17
Carbon Disulfide
Concen: 19.900 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

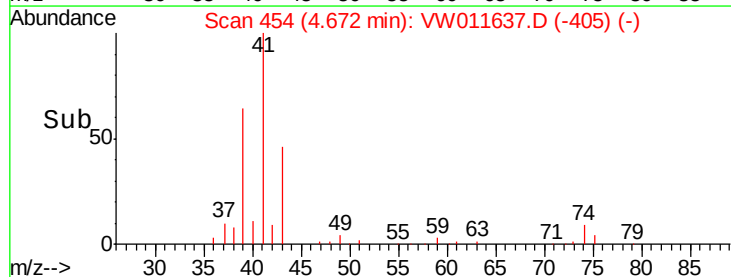
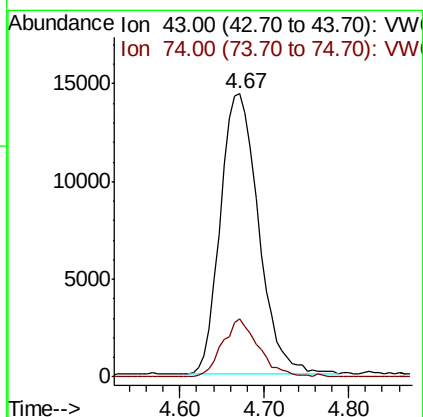
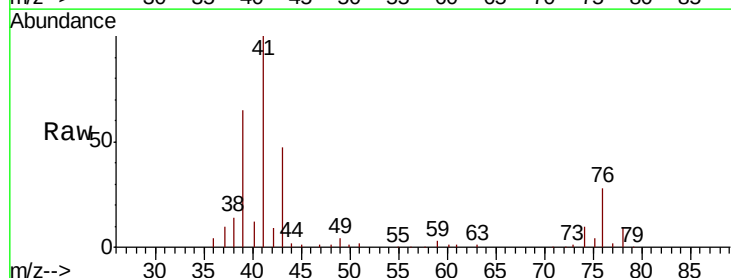
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

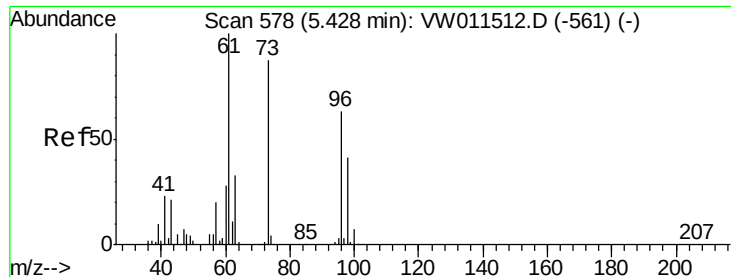
Tgt Ion: 76 Resp: 143263
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 24.526 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 43 Resp: 44447
Ion Ratio Lower Upper
43 100
74 19.6 15.9 23.9

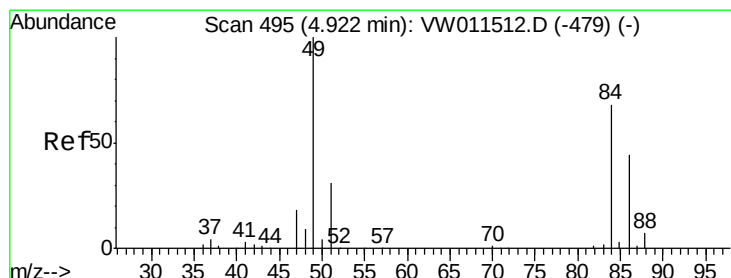
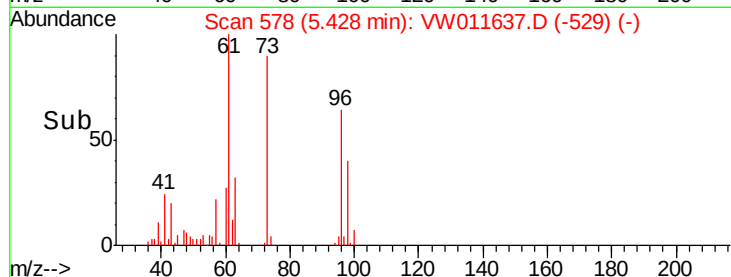
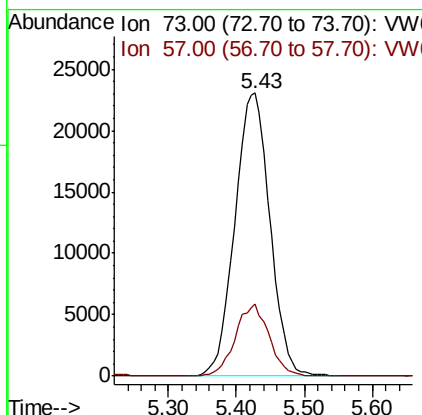
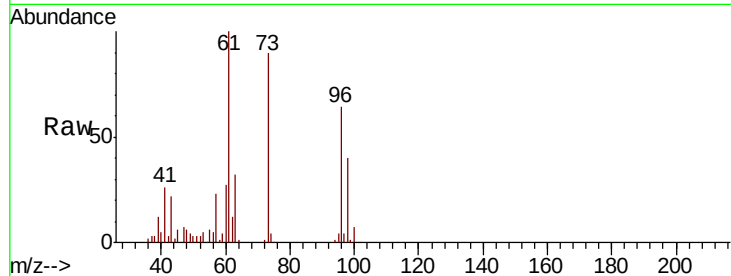




#19
Methyl tert-butyl Ether
Concen: 22.569 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

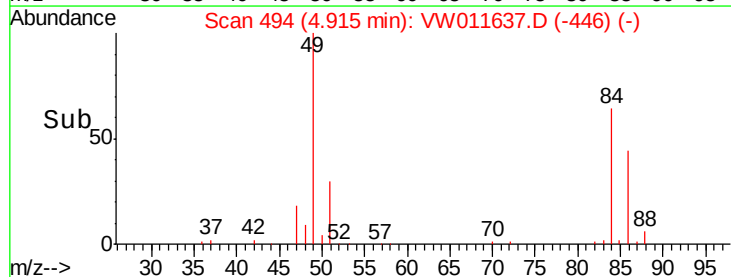
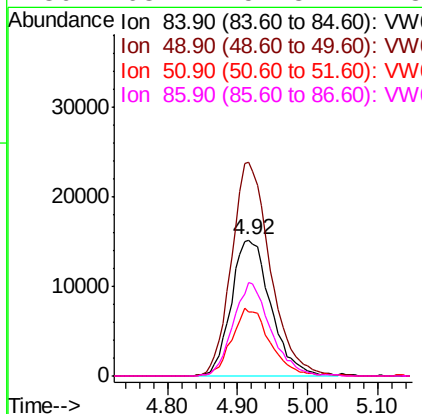
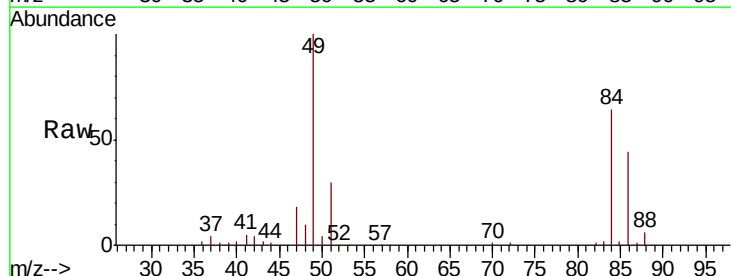
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

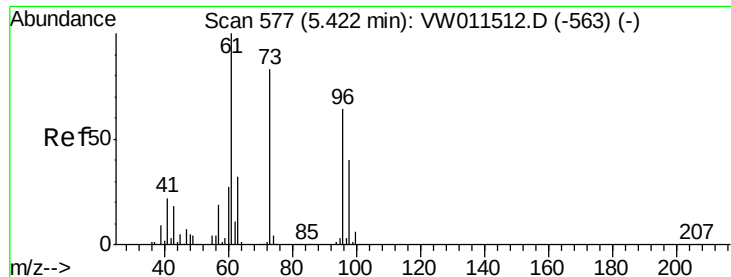
Tgt Ion: 73 Resp: 82377
Ion Ratio Lower Upper
73 100
57 25.5 18.4 27.6



#20
Methylene Chloride
Concen: 21.426 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 84 Resp: 59610
Ion Ratio Lower Upper
84 100
49 157.2 117.8 176.6
51 47.4 37.0 55.4
86 68.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.586 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBS01

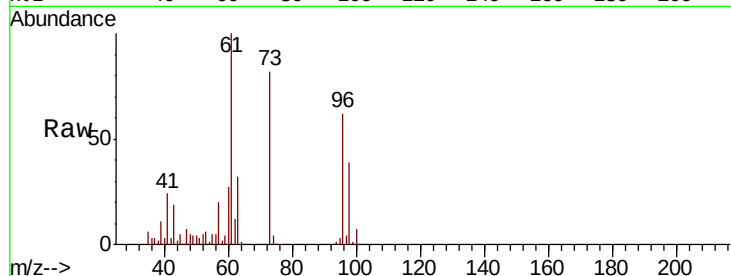
Tgt Ion: 96 Resp: 53528

Ion Ratio Lower Upper

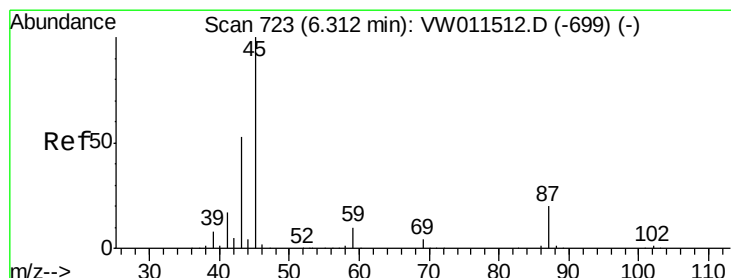
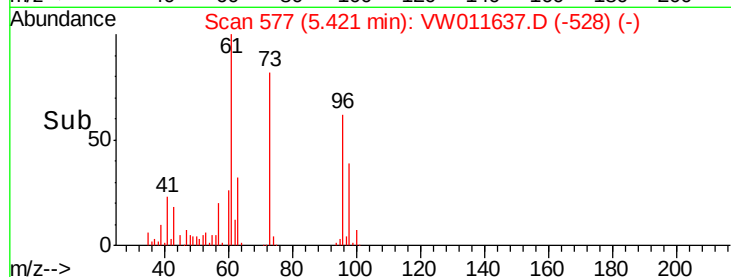
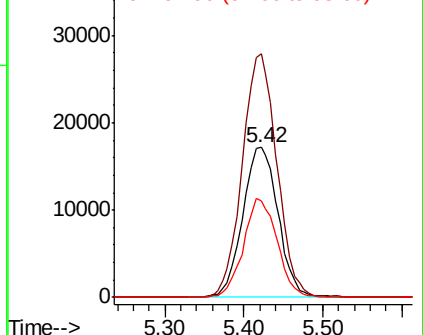
96 100

61 162.3 125.7 188.5

98 63.8 50.3 75.5



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: 22.264 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Tgt Ion: 45 Resp: 205353

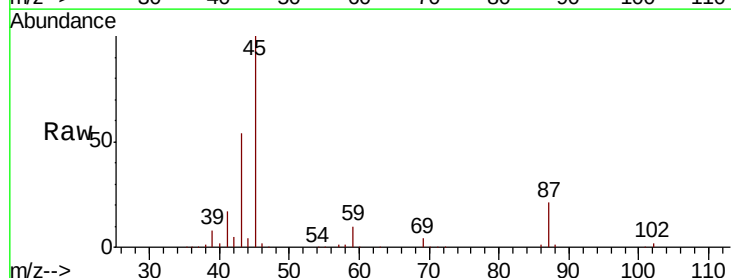
Ion Ratio Lower Upper

45 100

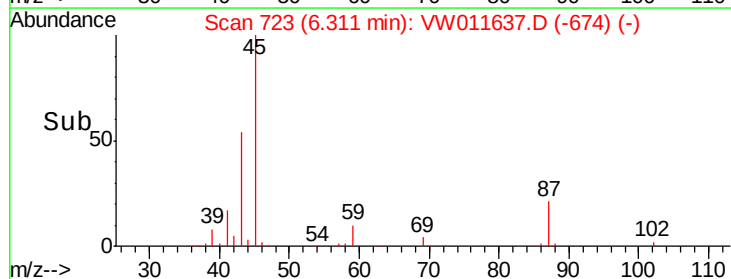
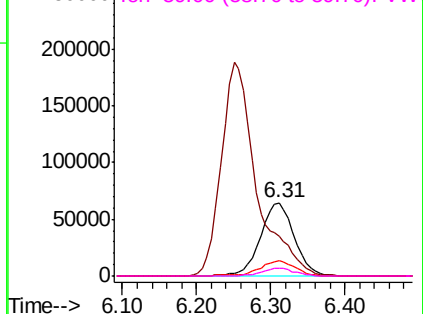
43 53.9 42.6 63.8

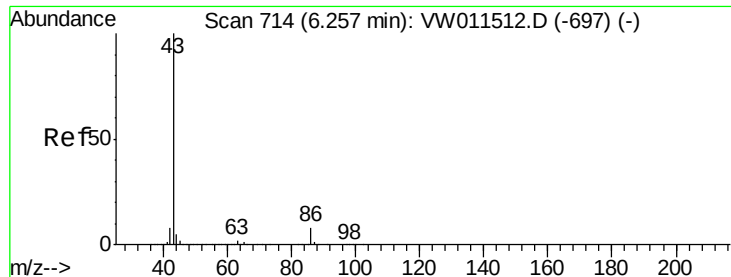
87 20.9 16.4 24.6

59 10.4 8.2 12.2



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

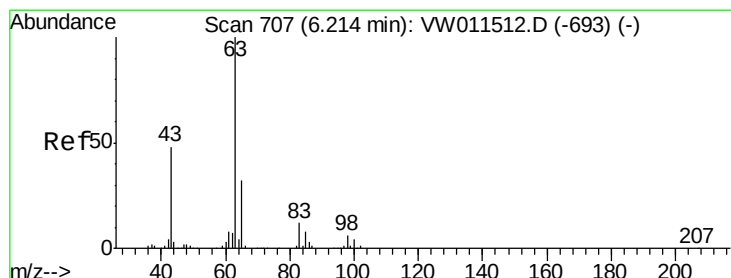
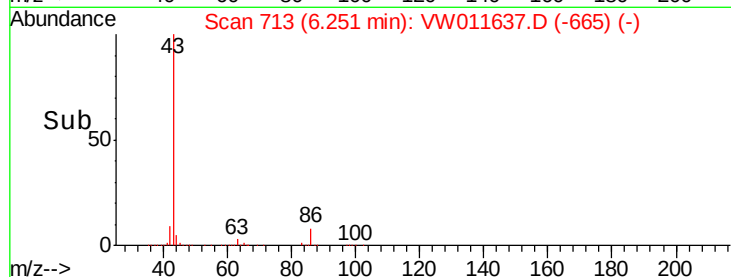
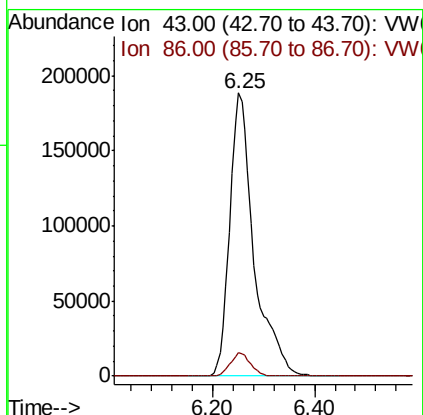
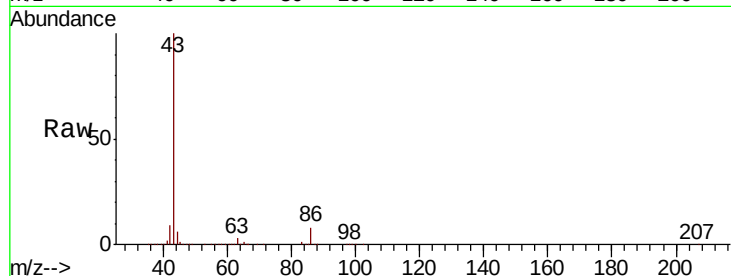




#23
 Vinyl Acetate
 Concen: 107.528 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

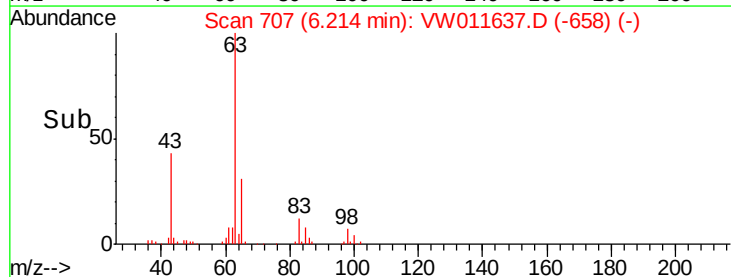
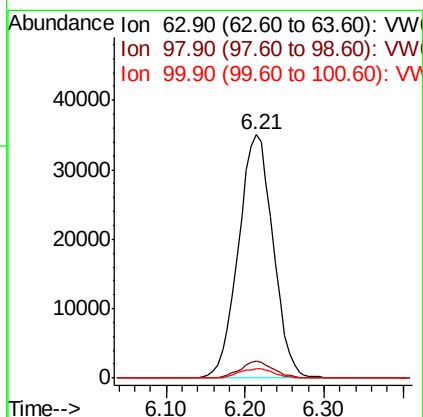
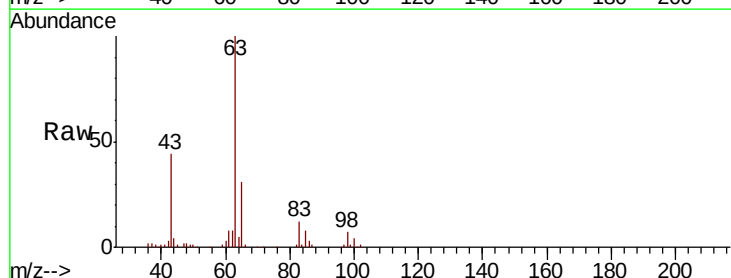
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

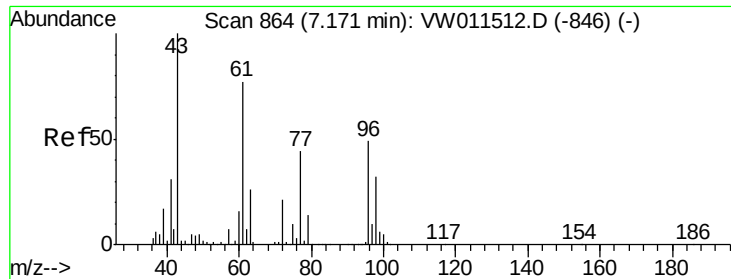
Tgt Ion: 43 Resp: 623196
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 21.695 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion: 63 Resp: 107170
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.8
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 98.961 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

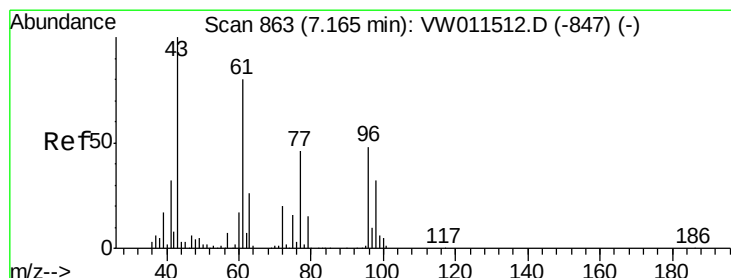
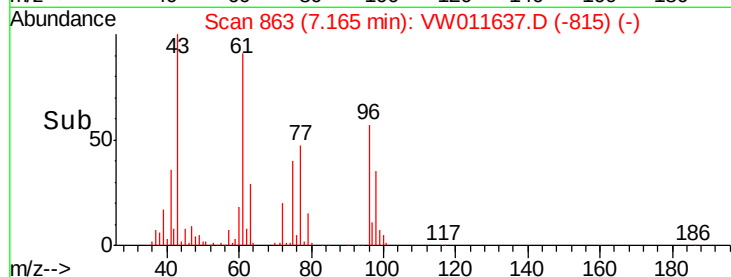
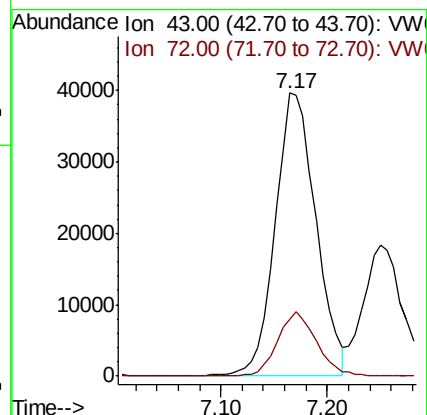
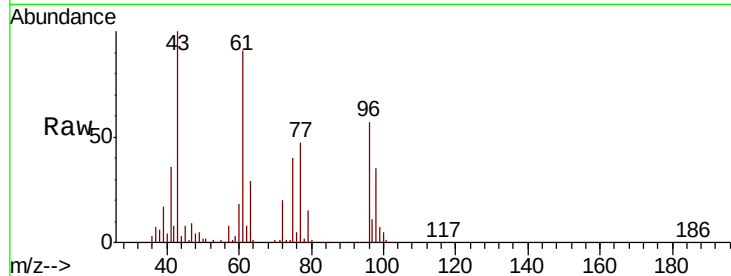
VW0803SBSD01

Tgt Ion: 43 Resp: 104464

Ion Ratio Lower Upper

43 100

72 19.9 16.6 24.8



#26

2,2-Dichloropropane

Concen: 18.604 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011637.D

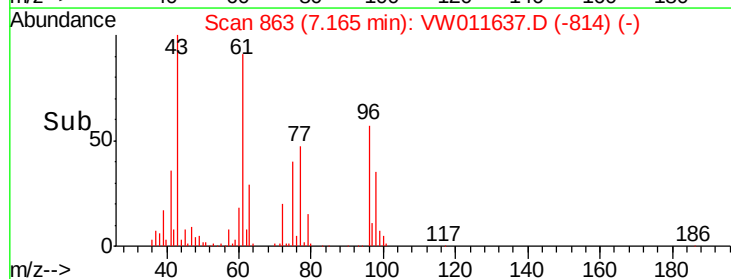
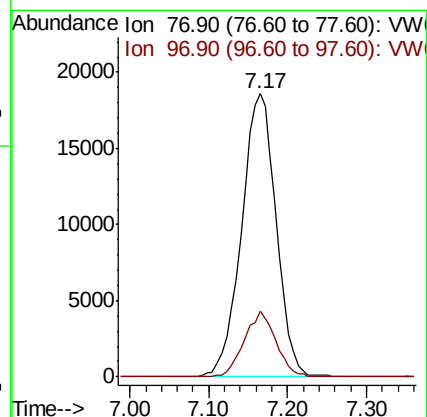
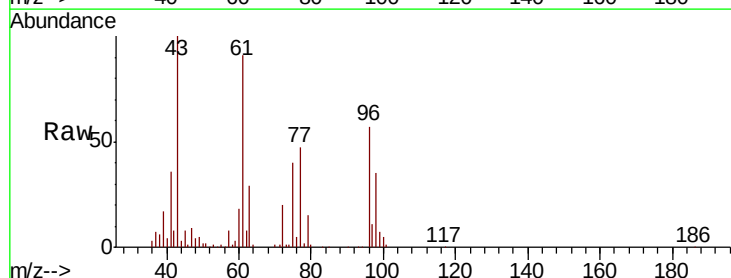
Acq: 02 Aug 2019 23:58

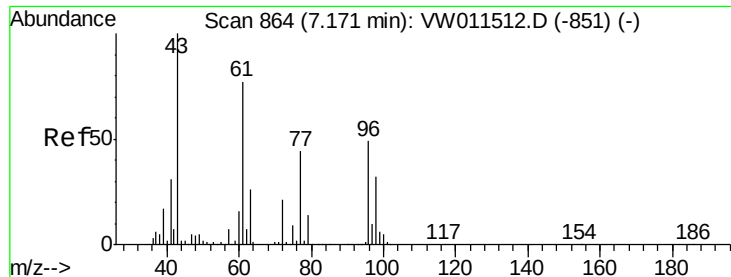
Tgt Ion: 77 Resp: 56517

Ion Ratio Lower Upper

77 100

97 21.2 10.8 32.4



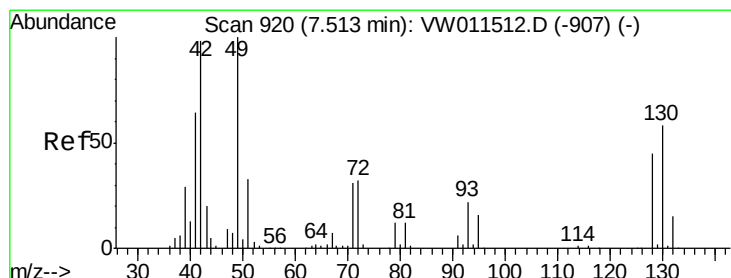
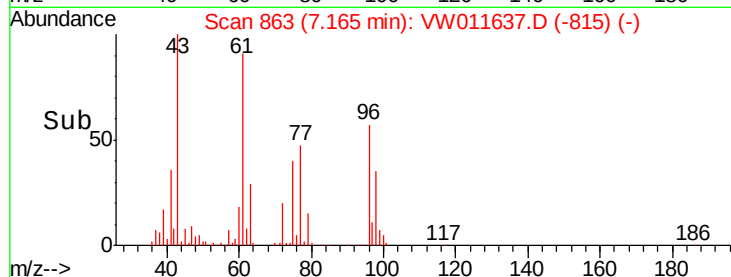
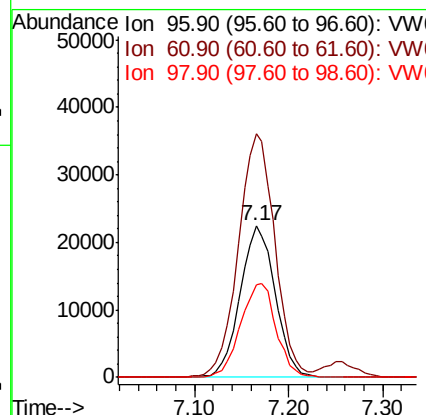
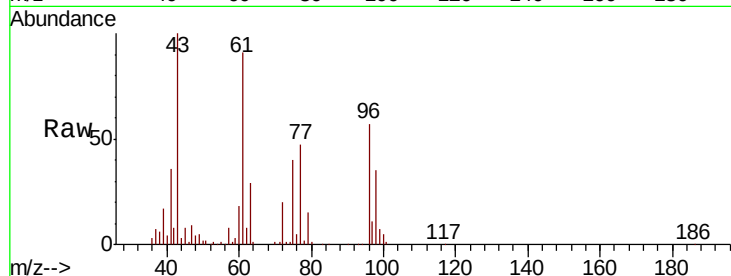


#27

cis-1,2-Dichloroethene
 Concen: 21.465 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

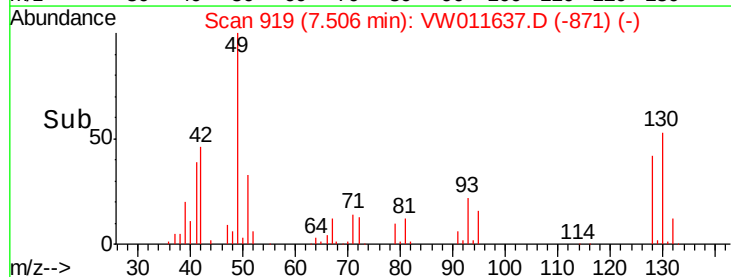
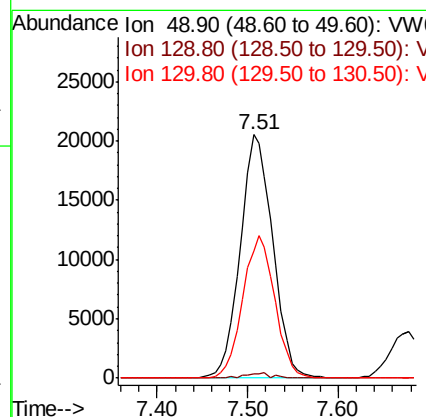
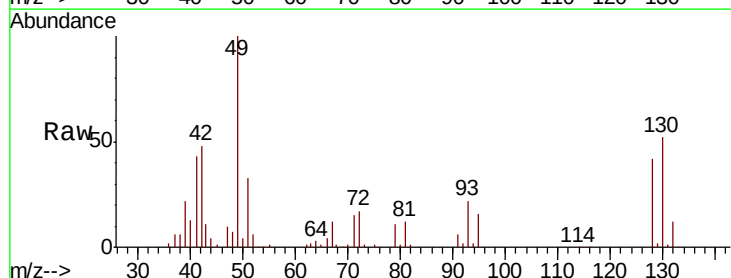
Tgt Ion: 96 Resp: 58582
 Ion Ratio Lower Upper
 96 100
 61 166.7 0.0 328.4
 98 62.4 0.0 128.8

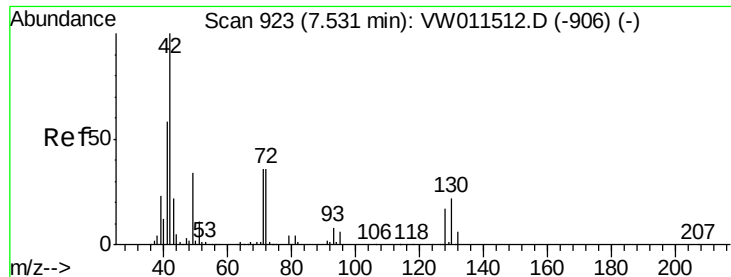


#28

Bromochloromethane
 Concen: 23.294 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion: 49 Resp: 51074
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 1.0#
 130 57.3 46.3 69.5

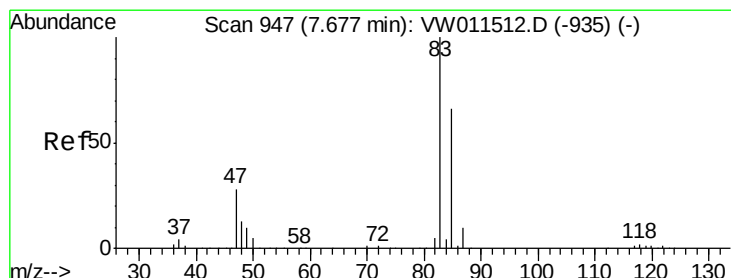
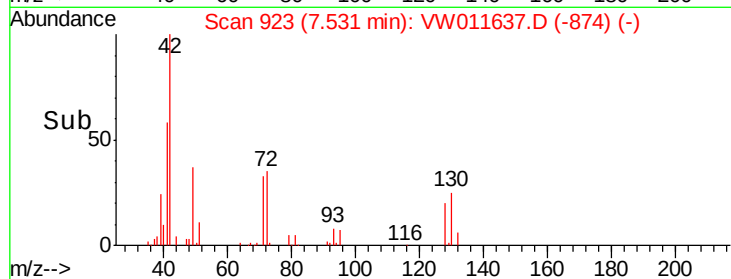
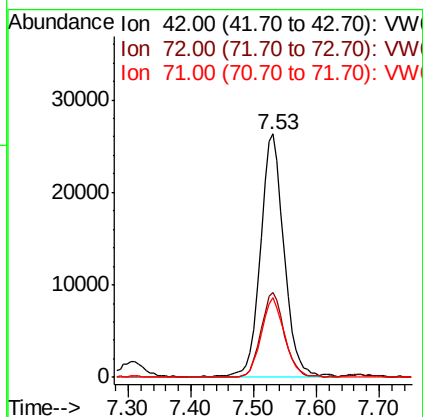
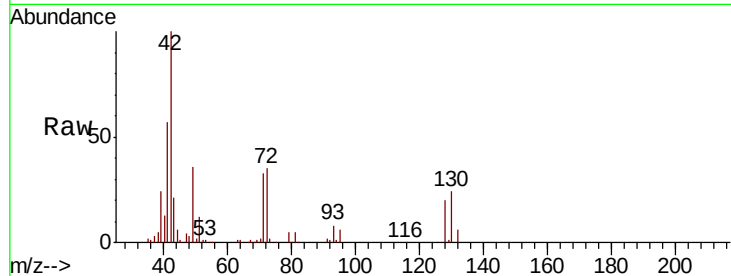




#29
Tetrahydrofuran
Concen: 112.396 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

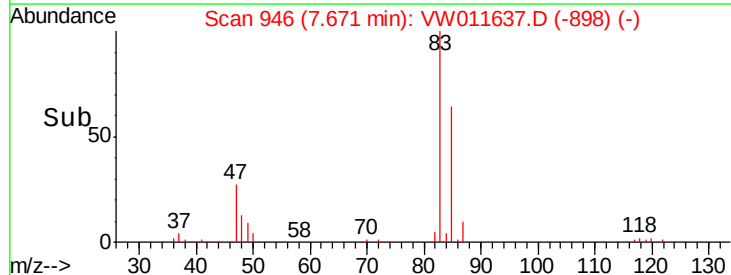
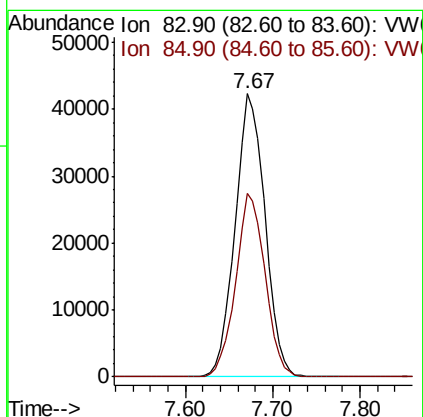
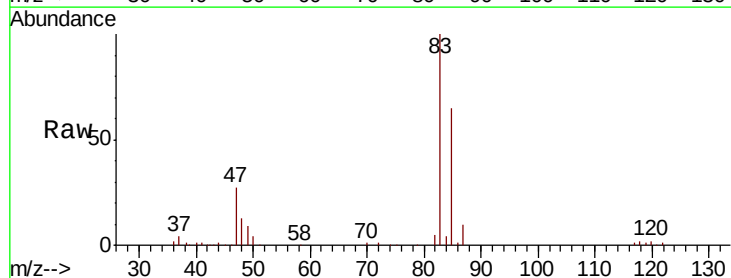
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

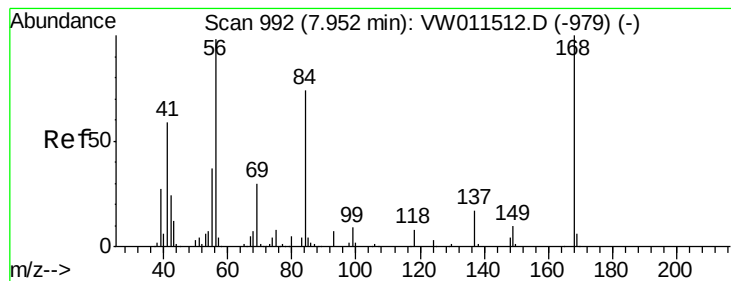
Tgt Ion: 42 Resp: 67819
Ion Ratio Lower Upper
42 100
72 34.8 27.1 40.7
71 32.7 26.2 39.4



#30
Chloroform
Concen: 22.039 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 83 Resp: 100438
Ion Ratio Lower Upper
83 100
85 64.6 52.5 78.7





#31

Cyclohexane

Concen: 20.002 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampled :

VW0803SBSD01

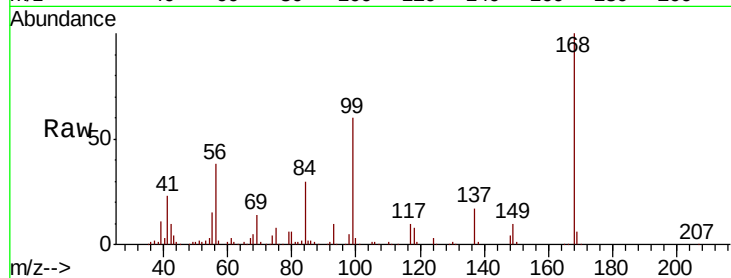
Tgt Ion: 56 Resp: 94843

Ion Ratio Lower Upper

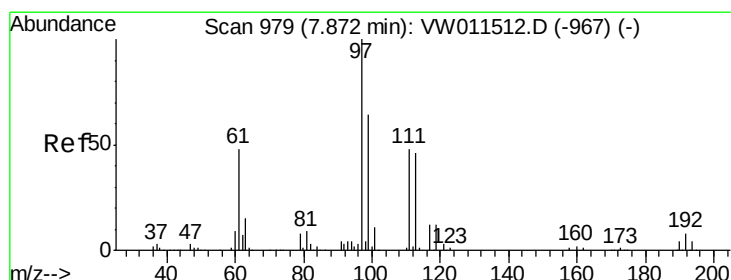
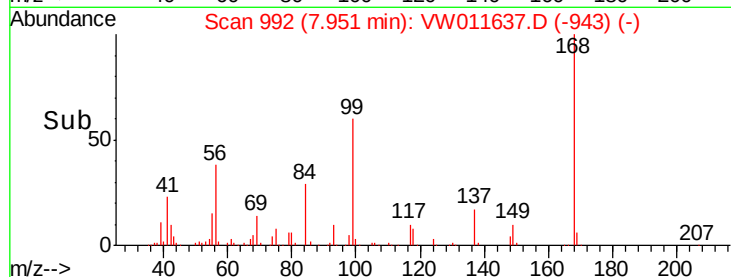
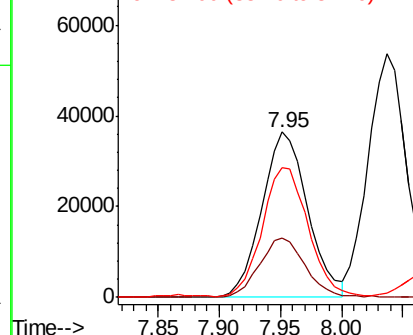
56 100

69 36.2 24.3 36.5

84 77.5 60.4 90.6



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



#32

1,1,1-Trichloroethane

Concen: 21.287 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

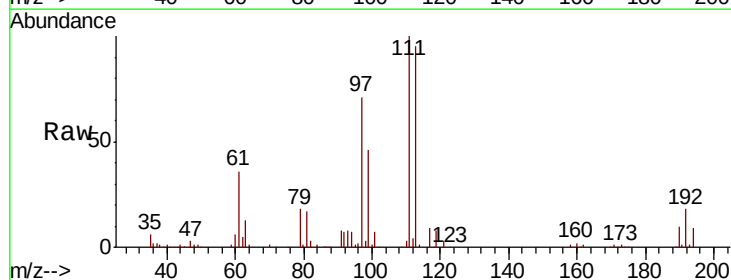
Tgt Ion: 97 Resp: 73880

Ion Ratio Lower Upper

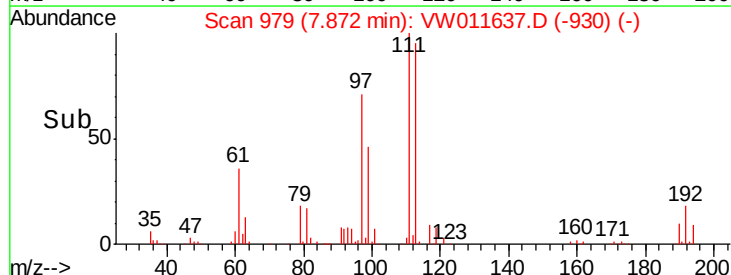
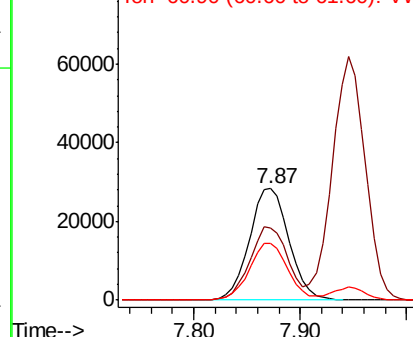
97 100

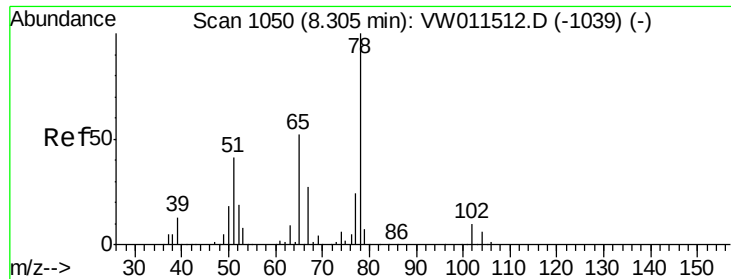
99 62.8 51.0 76.6

61 49.7 39.8 59.6



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

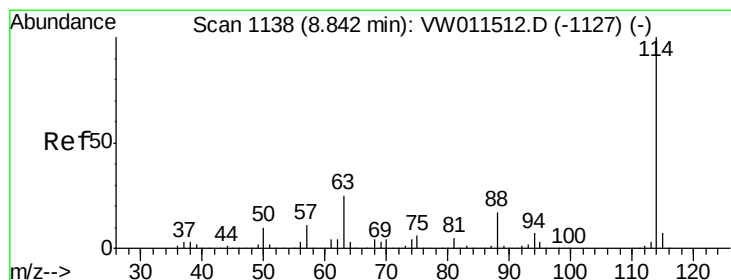
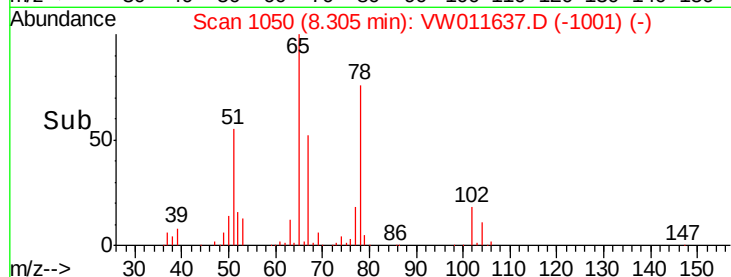
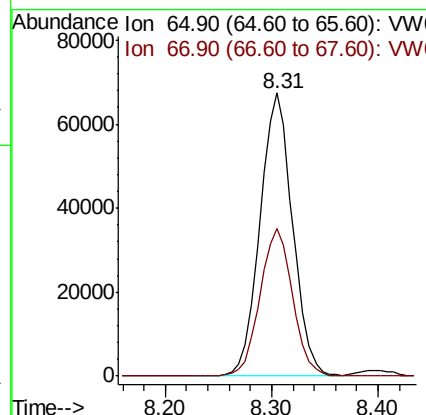
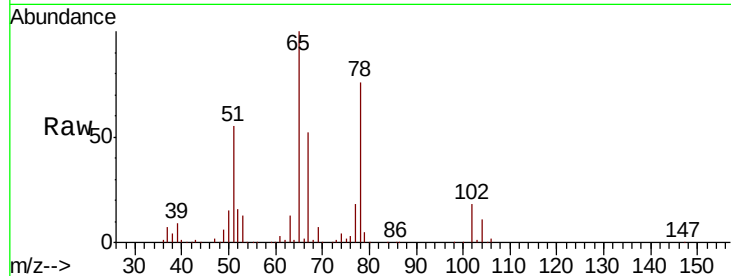




#33
 1,2-Dichloroethane-d4
 Concen: 56.874 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

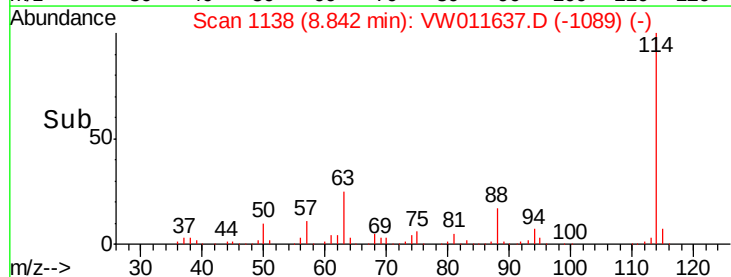
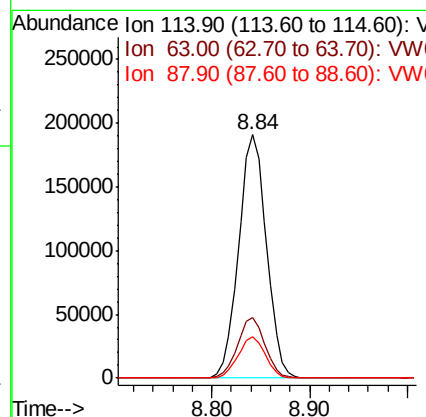
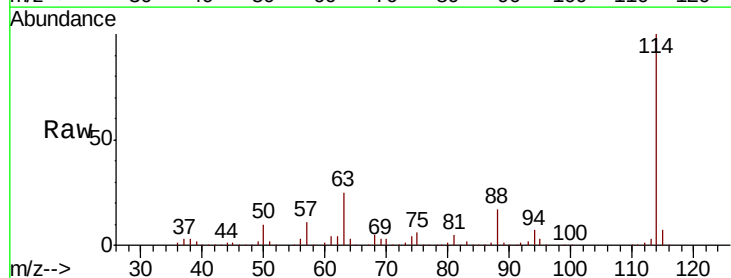
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

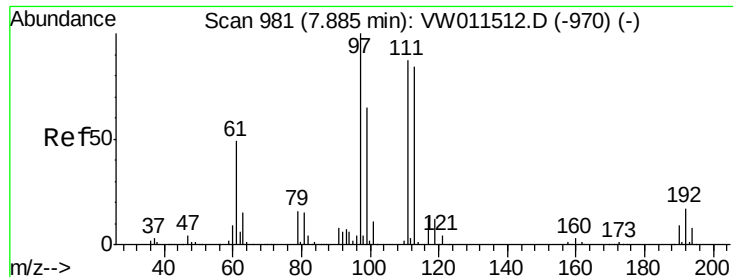
Tgt Ion: 65 Resp: 144235
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion: 114 Resp: 375806
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.9 0.0 33.8

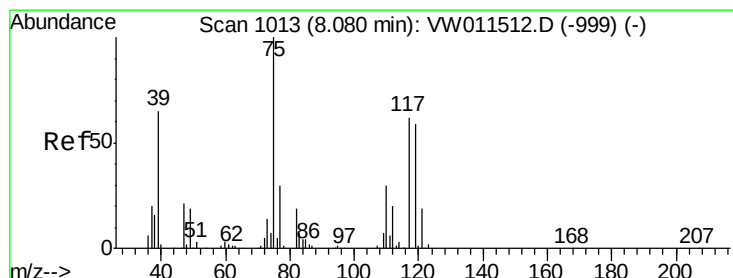
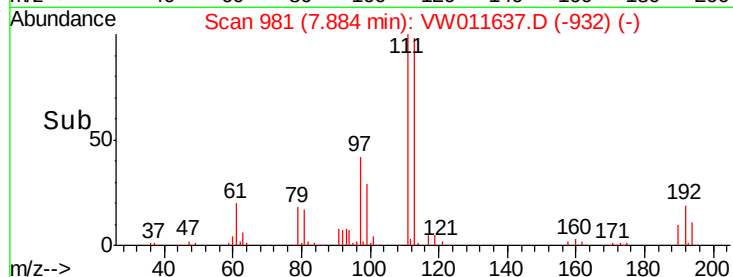
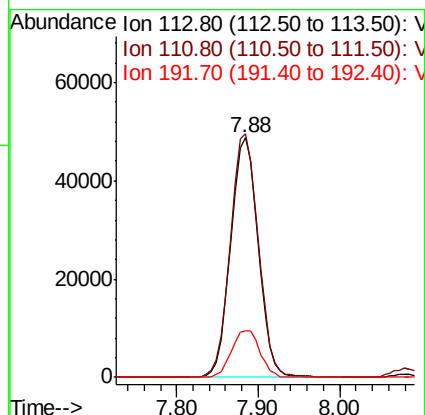
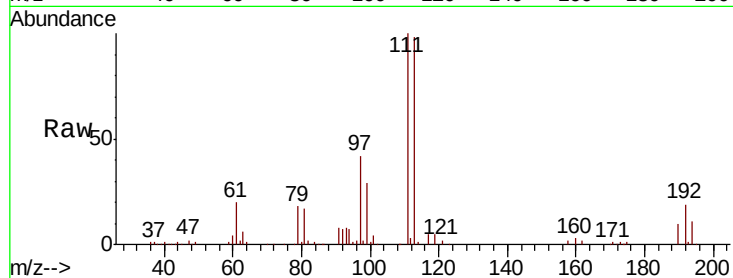




#35
 Dibromofluoromethane
 Concen: 53.779 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

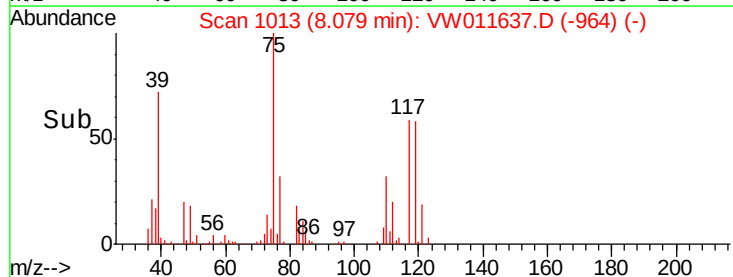
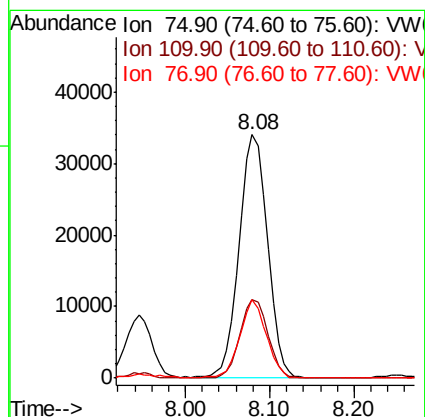
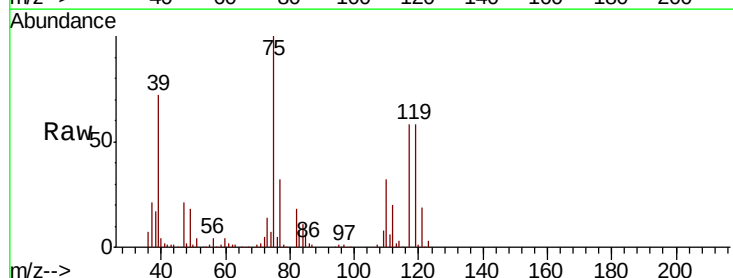
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

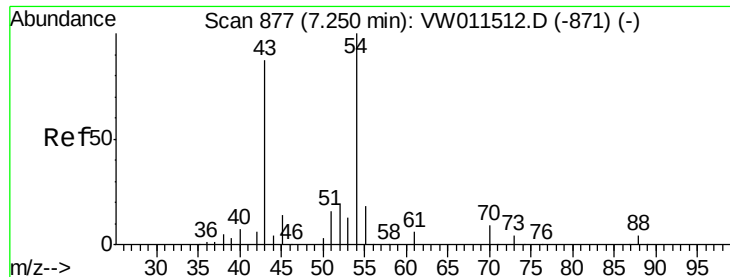
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	20.0	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 19.929 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	15.6	46.8
77	30.1	24.3	36.5

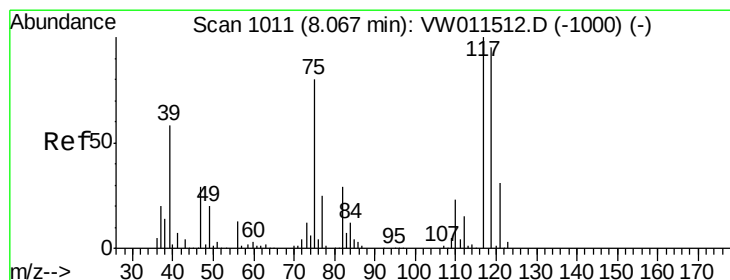
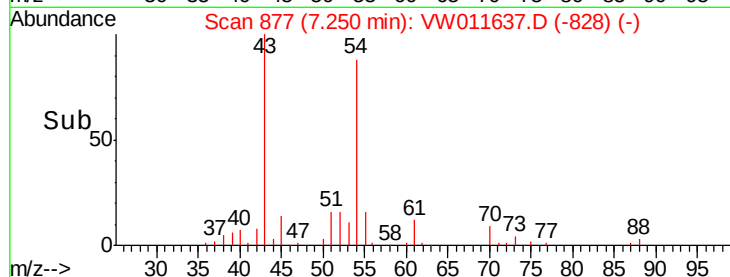
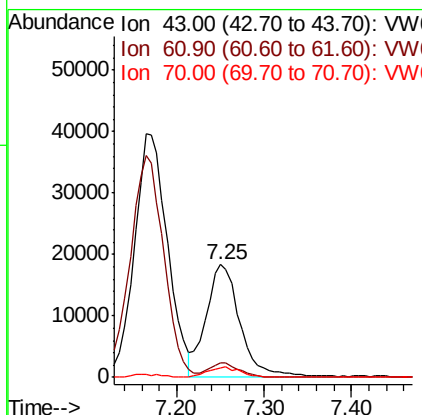
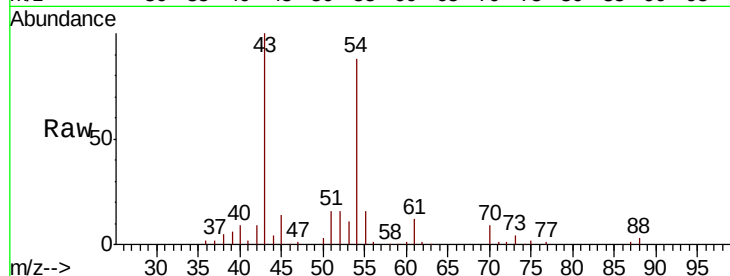




#37
Ethyl Acetate
Concen: 21.644 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

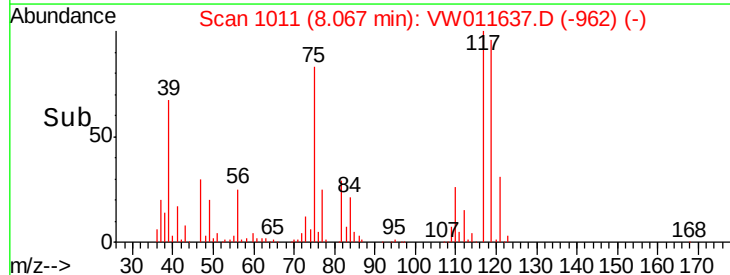
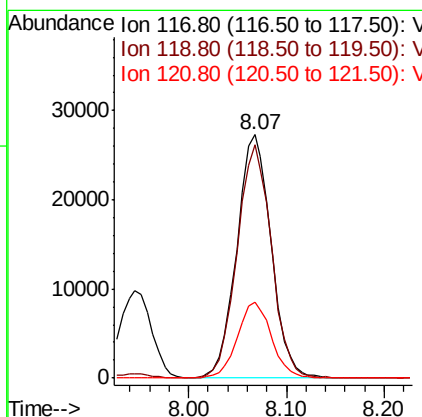
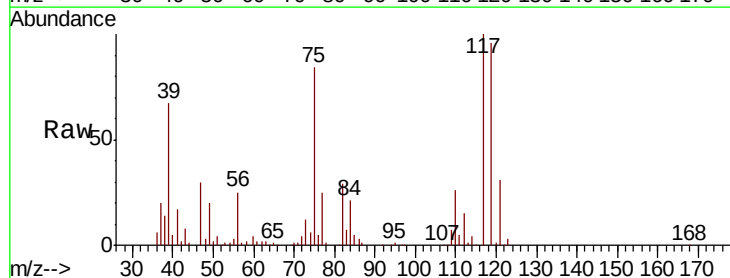
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

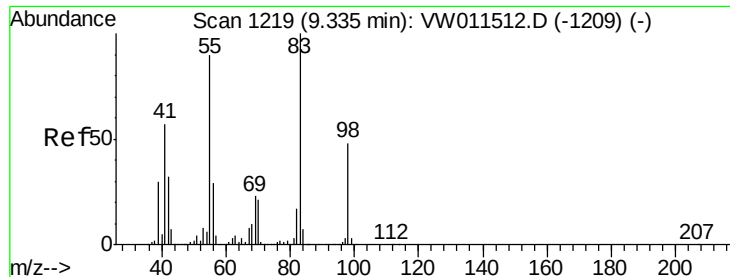
Tgt Ion: 43 Resp: 48660
Ion Ratio Lower Upper
43 100
61 11.5 8.8 13.2
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.900 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 117 Resp: 66571
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6
121 31.1 24.7 37.1

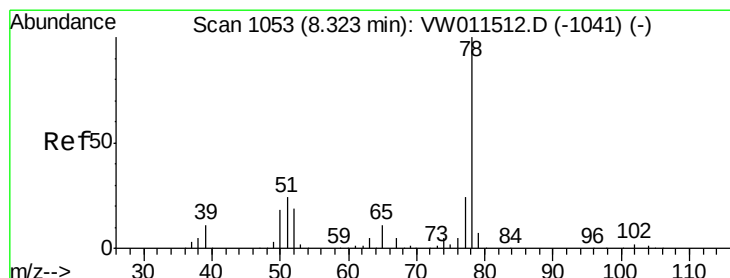
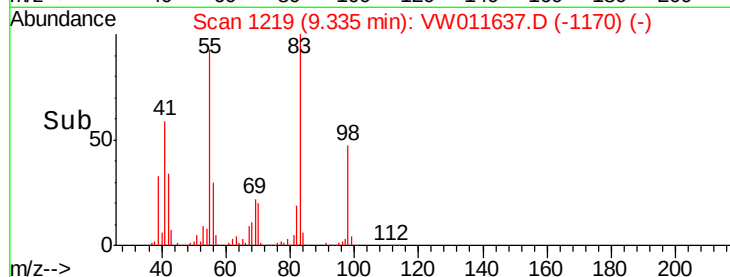
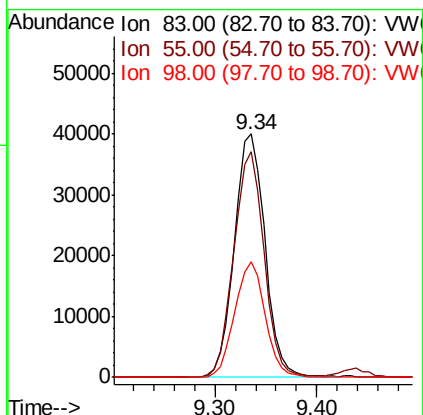
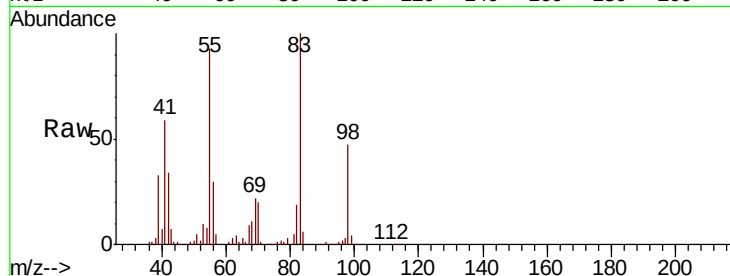




#39
Methylcyclohexane
Concen: 19.340 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

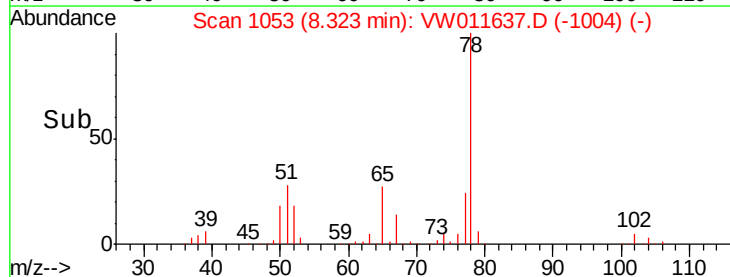
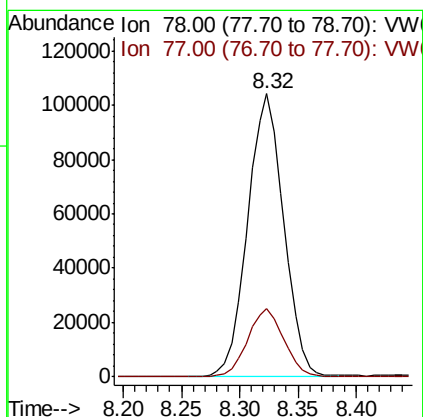
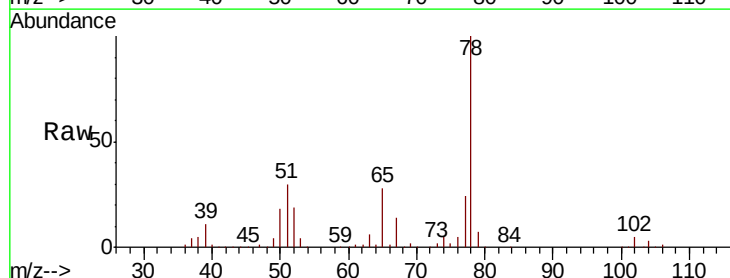
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

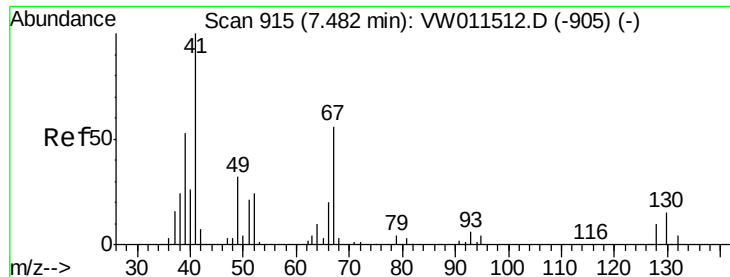
Tgt Ion: 83 Resp: 83219
Ion Ratio Lower Upper
83 100
55 92.8 72.1 108.1
98 47.2 38.6 57.8



#40
Benzene
Concen: 20.496 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 78 Resp: 224347
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

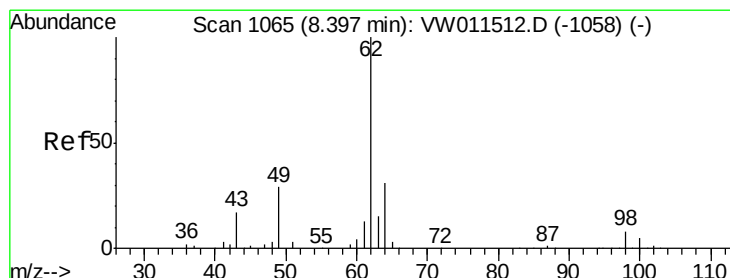
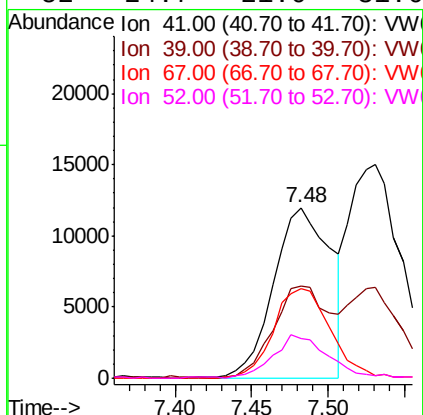
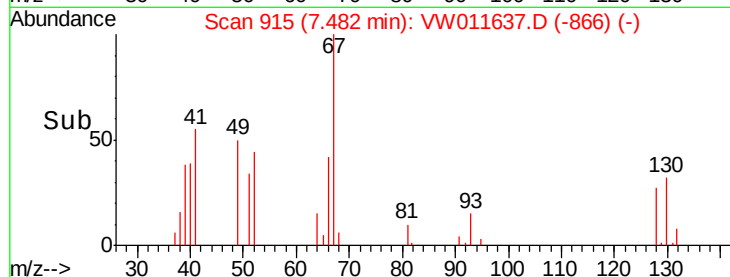
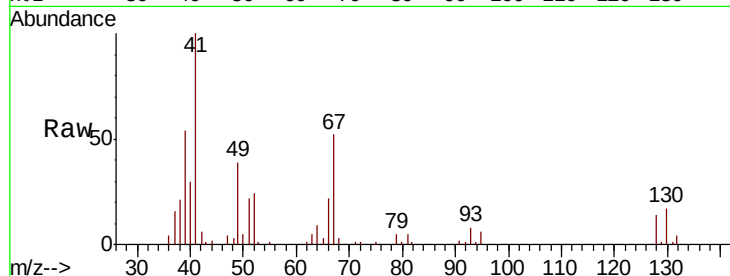




#41
Methacrylonitrile
Concen: 23.271 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

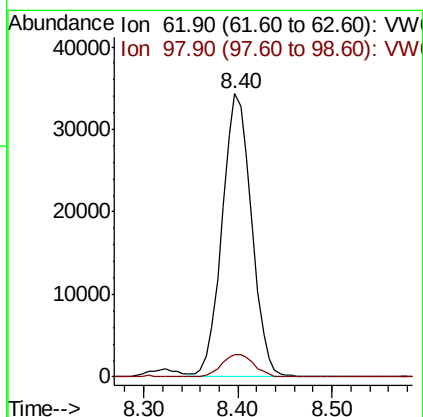
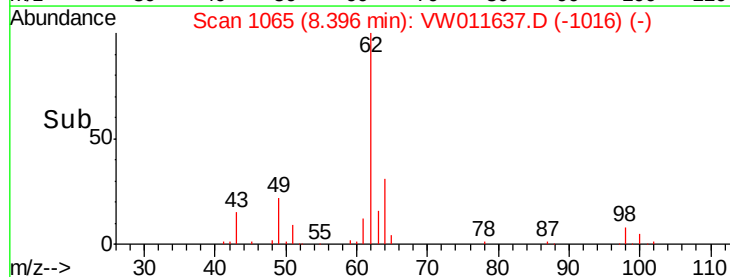
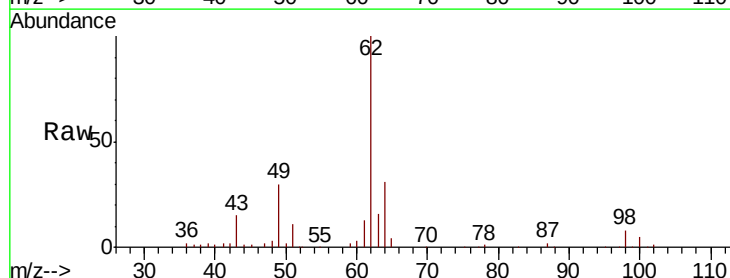
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

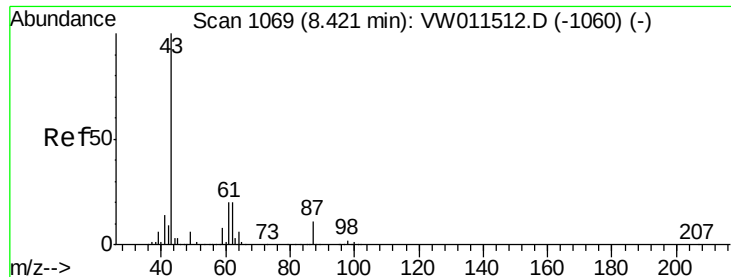
Tgt Ion:	41	Resp:	31274
Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.0	64.4
67	52.5	47.5	71.3
52	24.7	21.0	31.6



#42
1,2-Dichloroethane
Concen: 21.693 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion:	62	Resp:	74339
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.8





#43

Isopropyl Acetate

Concen: 21.240 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBS01

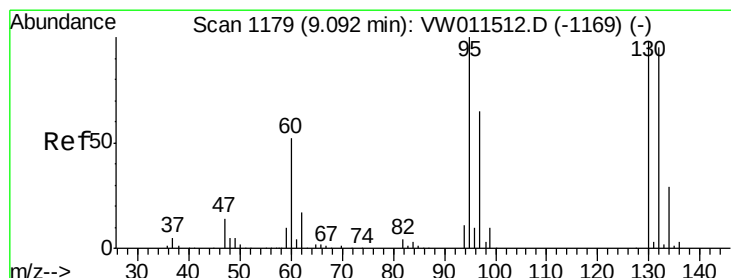
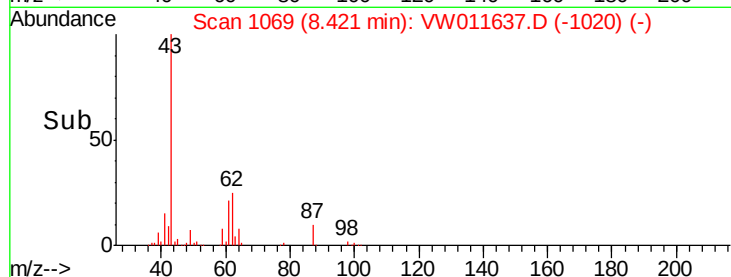
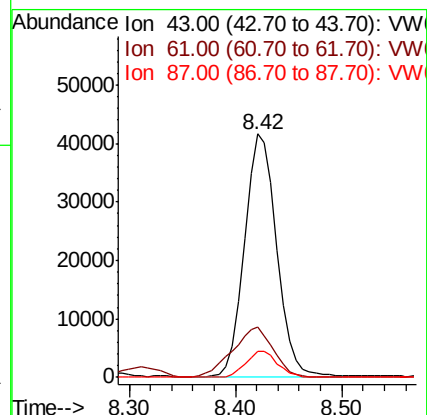
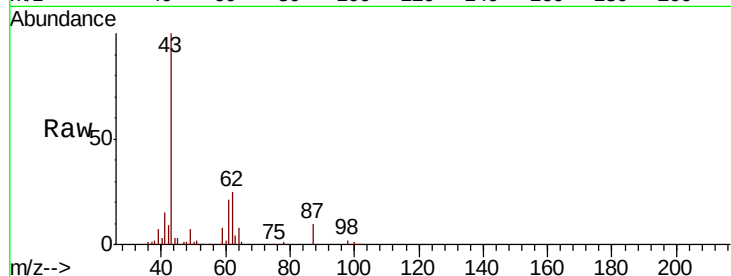
Tgt Ion: 43 Resp: 87820

Ion Ratio Lower Upper

43 100

61 26.3 21.5 32.3

87 10.6 8.4 12.6



#44

Trichloroethene

Concen: 19.936 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011637.D

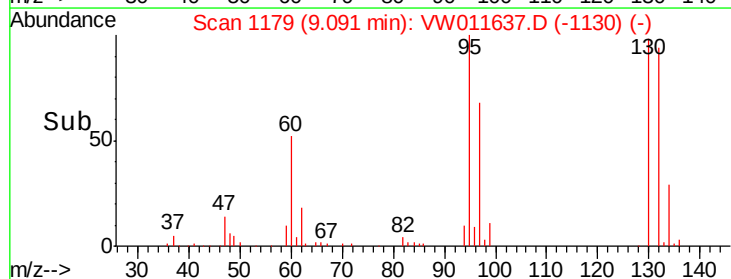
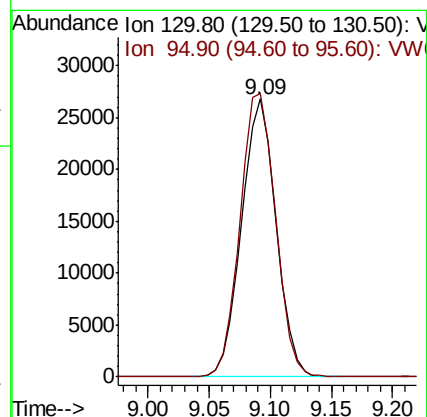
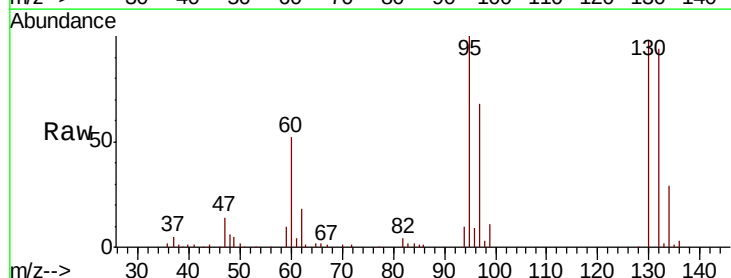
Acq: 02 Aug 2019 23:58

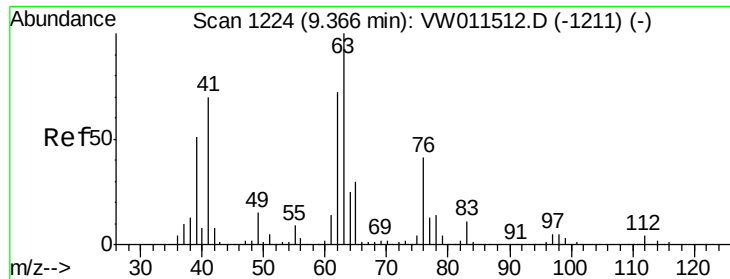
Tgt Ion: 130 Resp: 52448

Ion Ratio Lower Upper

130 100

95 101.8 0.0 204.8

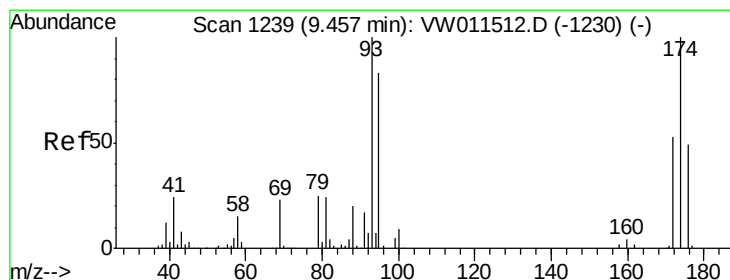
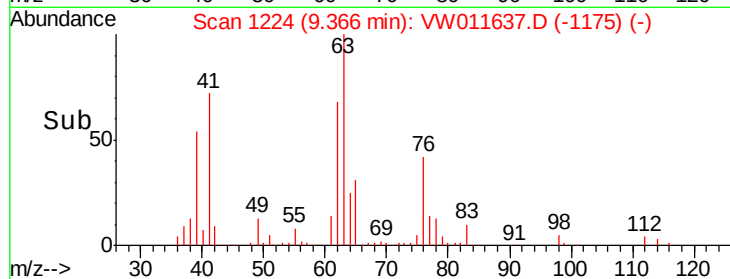
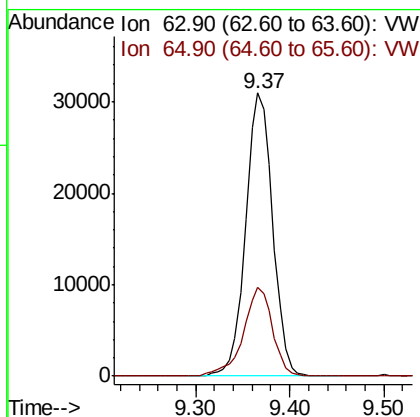
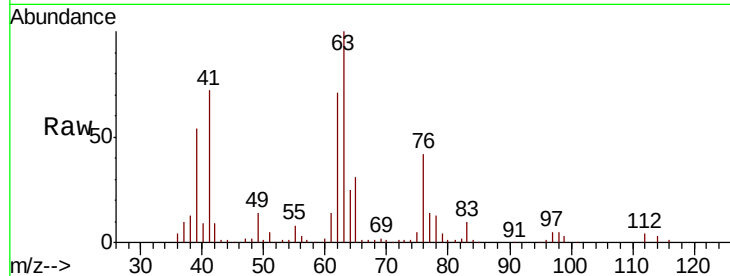




#45
 1,2-Dichloropropane
 Concen: 21.232 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

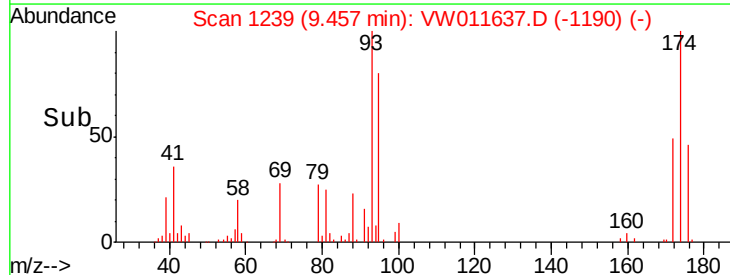
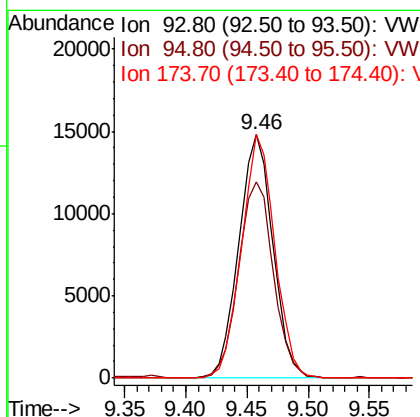
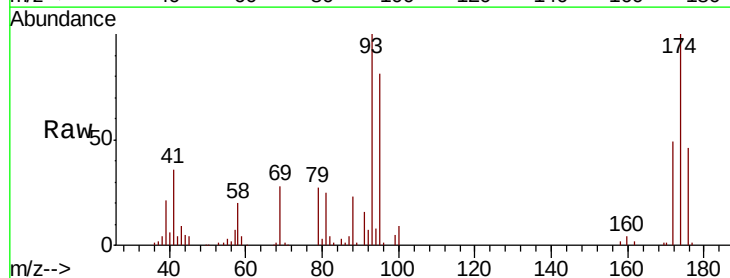
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

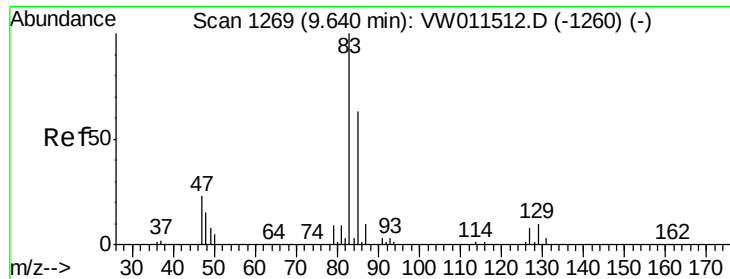
Tgt Ion: 63 Resp: 62183
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.4



#46
 Dibromomethane
 Concen: 21.428 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion: 93 Resp: 28643
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.2 99.2
 174 97.7 78.2 117.4





#47

Bromodichloromethane

Concen: 20.662 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBSD01

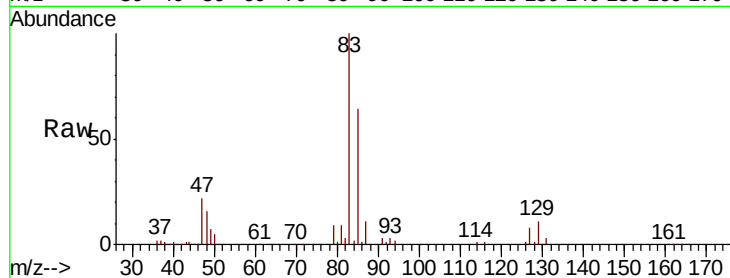
Tgt Ion: 83 Resp: 72449

Ion Ratio Lower Upper

83 100

85 63.5 50.5 75.7

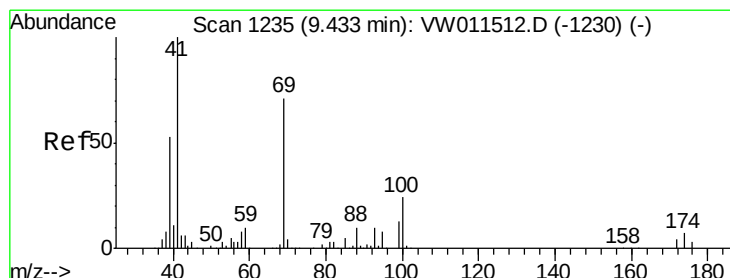
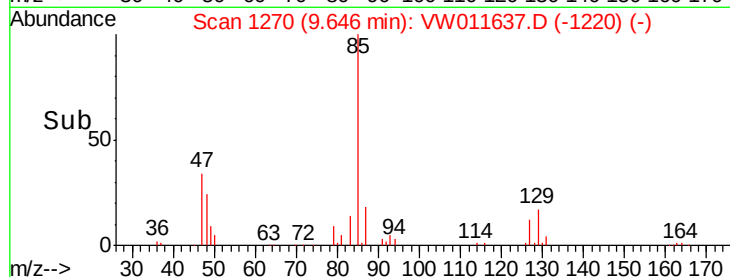
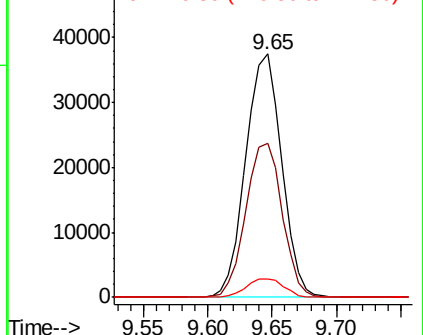
127 7.5 6.4 9.6



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: 21.237 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

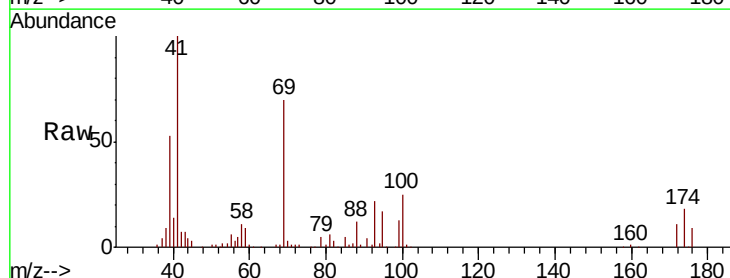
Tgt Ion: 41 Resp: 42180

Ion Ratio Lower Upper

41 100

69 72.5 57.1 85.7

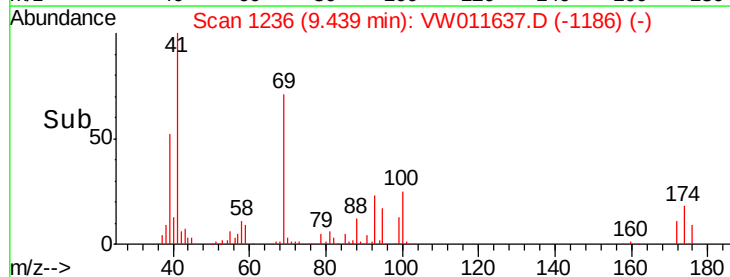
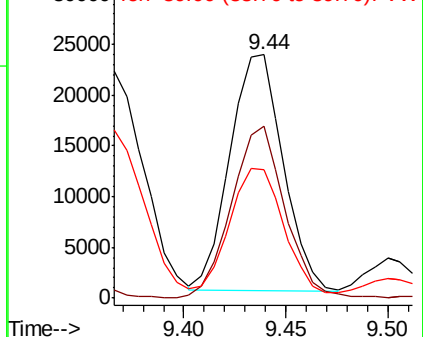
39 57.7 45.4 68.2

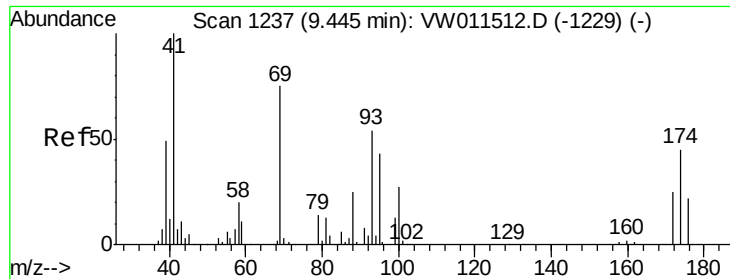


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

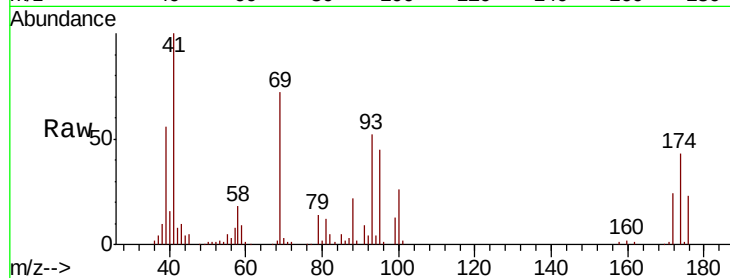




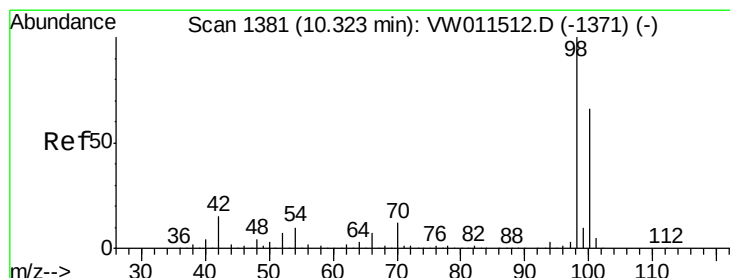
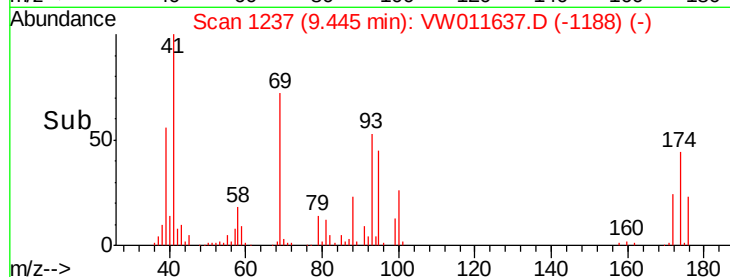
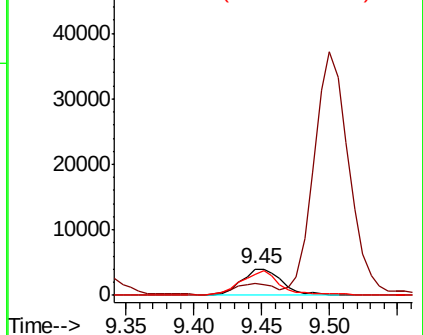
#49
1,4-Dioxane
Concen: 428.629 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

Tgt Ion: 88 Resp: 8296
Ion Ratio Lower Upper
88 100
43 41.2 34.0 51.0
58 91.0 69.7 104.5

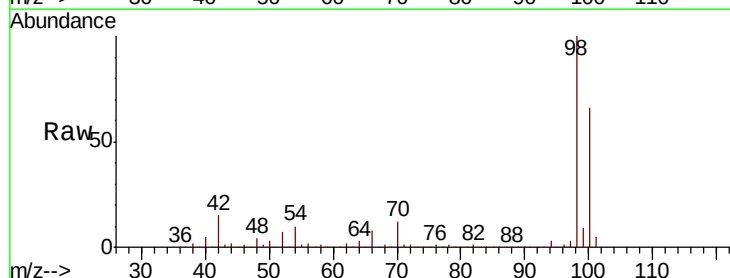


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

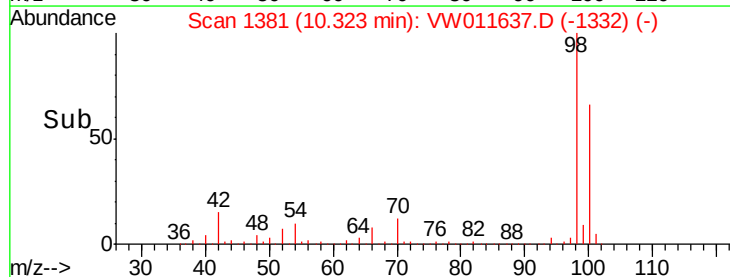
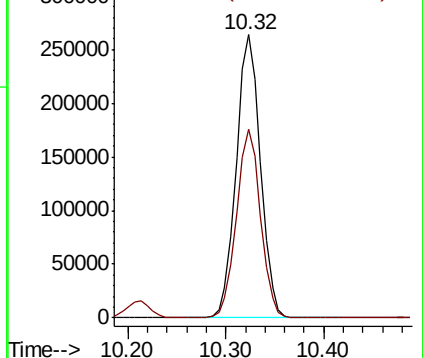


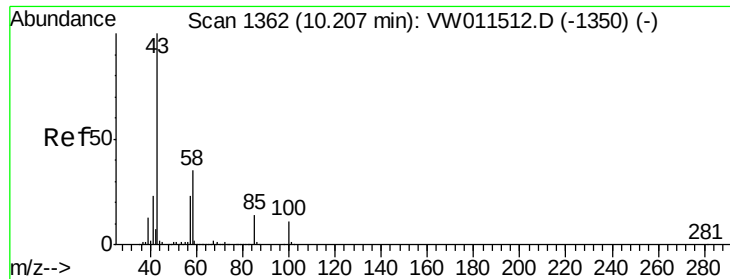
#50
Toluene-d8
Concen: 52.515 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 98 Resp: 453322
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



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

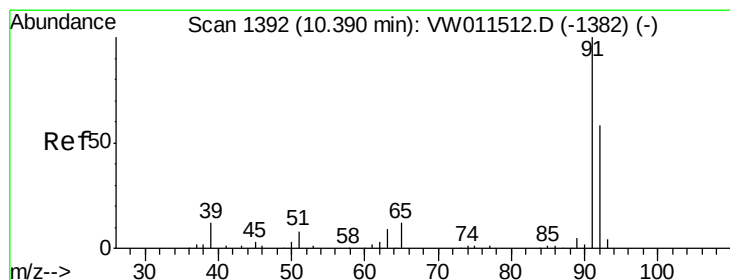
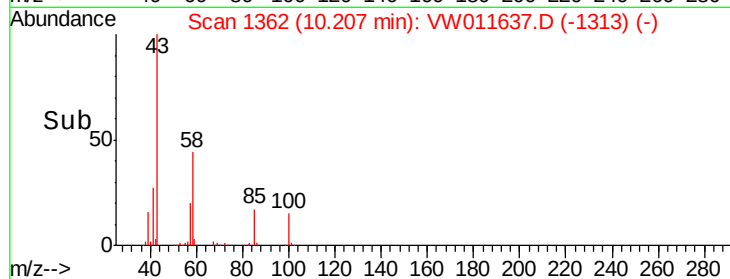
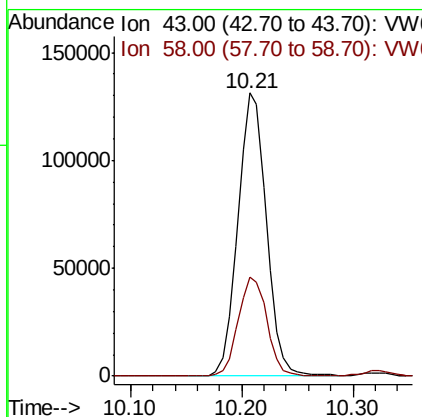
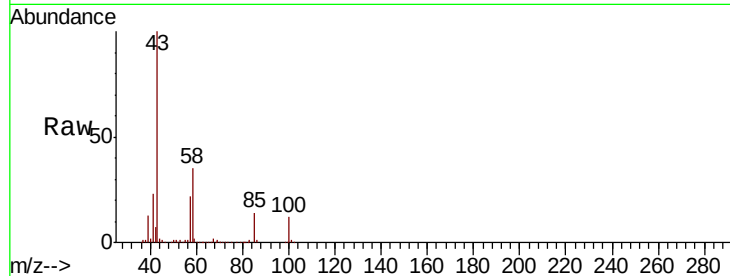




#51
 4-Methyl-2-Pentanone
 Concen: 107.925 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

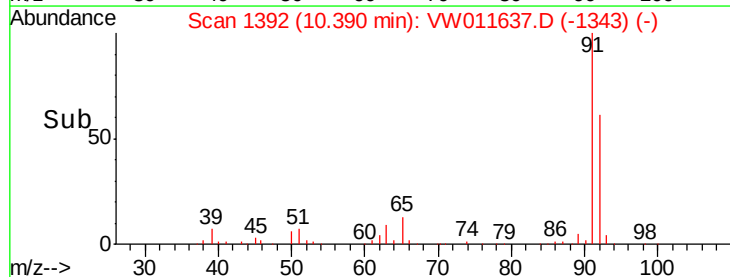
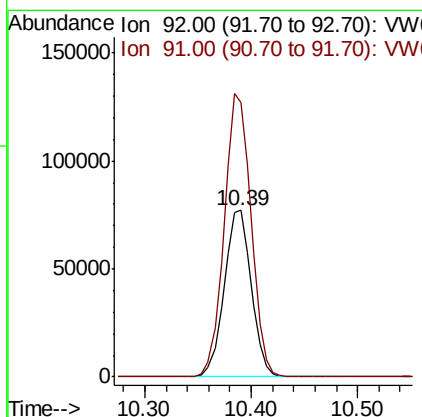
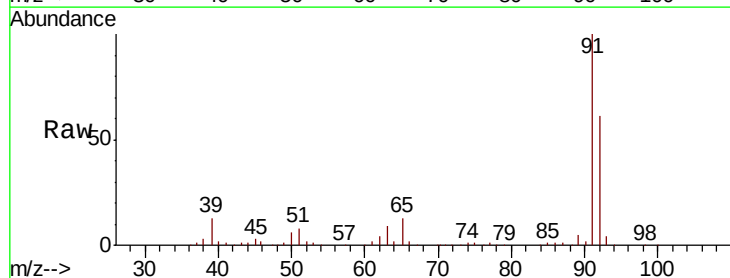
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

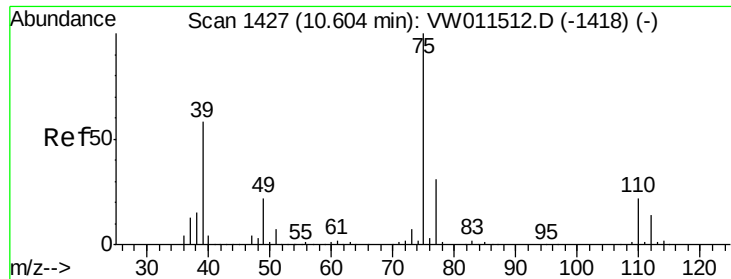
Tgt Ion: 43 Resp: 232105
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.2 42.2



#52
 Toluene
 Concen: 20.701 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion: 92 Resp: 136833
 Ion Ratio Lower Upper
 92 100
 91 169.4 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 20.160 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

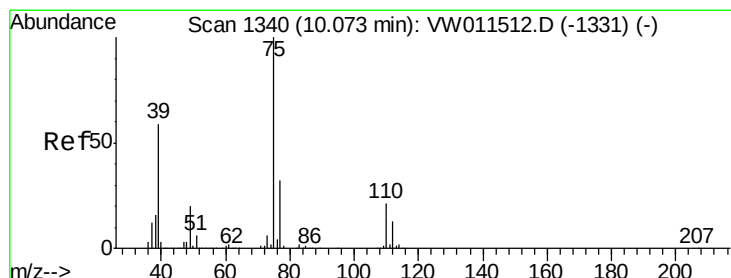
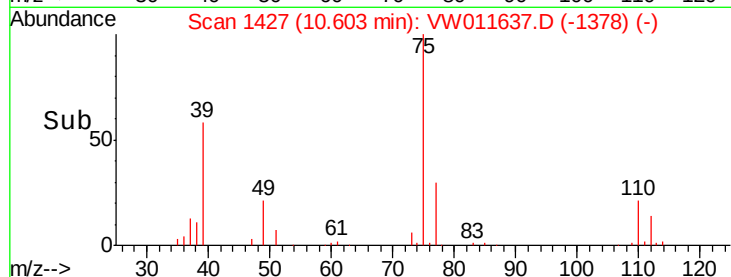
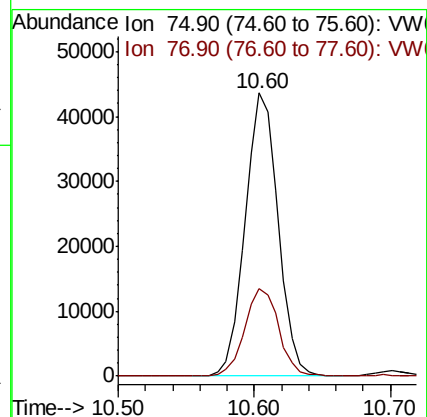
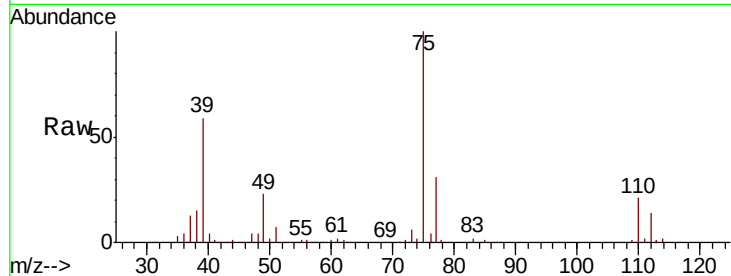
VW0803SBSD01

Tgt Ion: 75 Resp: 73843

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.310 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

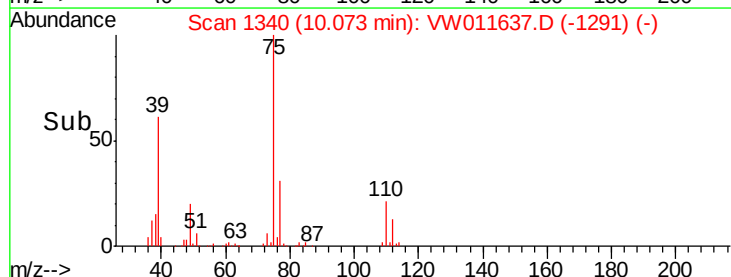
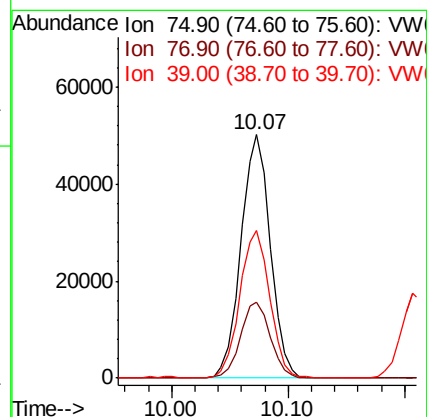
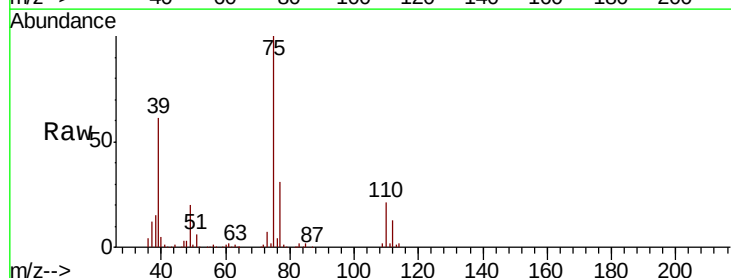
Tgt Ion: 75 Resp: 88452

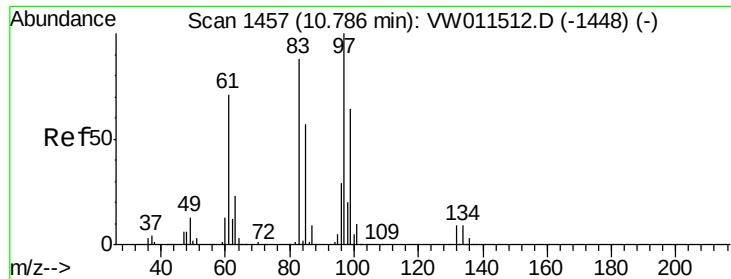
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 60.6 47.0 70.4

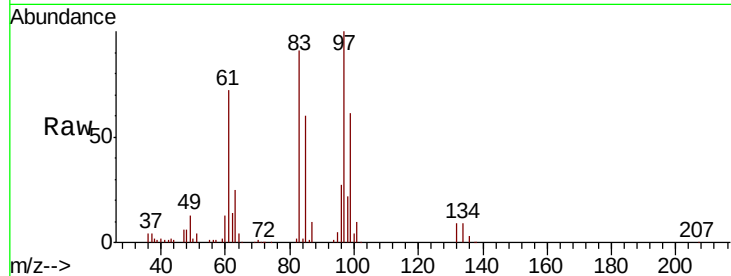




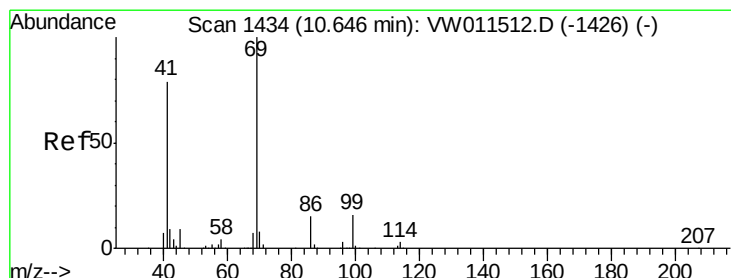
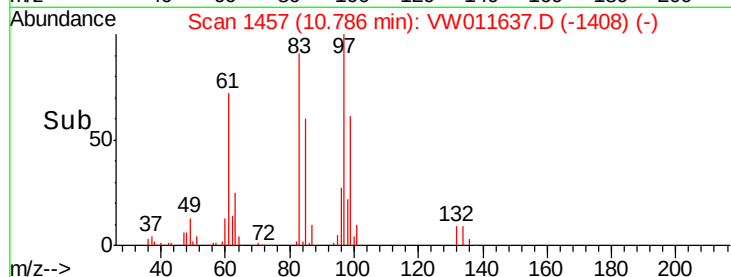
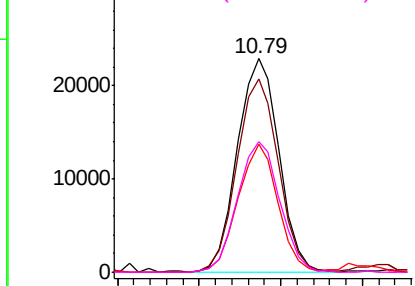
#55
 1,1,2-Trichloroethane
 Concen: 21.397 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Instrument :
 MSVOA_W
 ClientSampled :
 VW0803SBSD01

Tgt Ion:	97	Resp:	40582
Ion	Ratio	Lower	Upper
97	100		
83	90.7	70.5	105.7
85	60.0	45.8	68.6
99	61.0	51.0	76.4

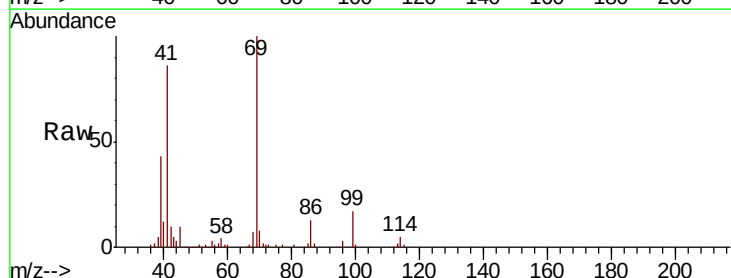


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

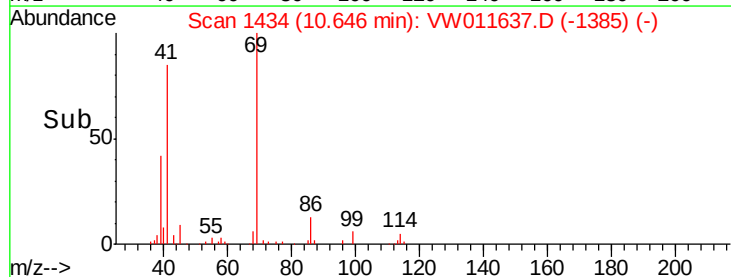
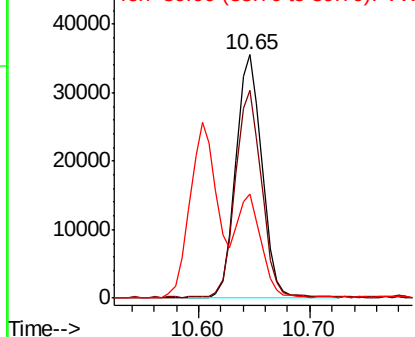


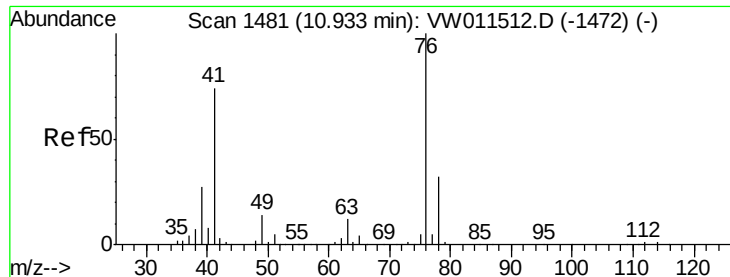
#56
 Ethyl methacrylate
 Concen: 20.858 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion:	69	Resp:	57889
Ion	Ratio	Lower	Upper
69	100		
41	86.4	66.6	99.8
39	39.1	30.3	45.5



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

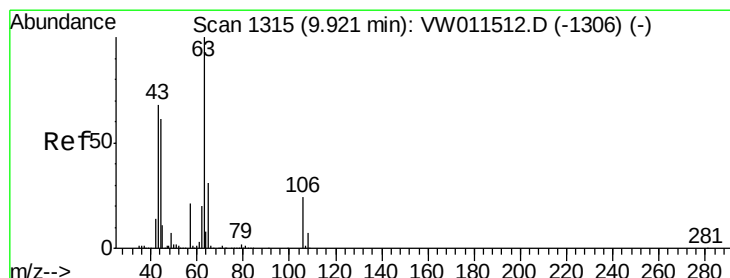
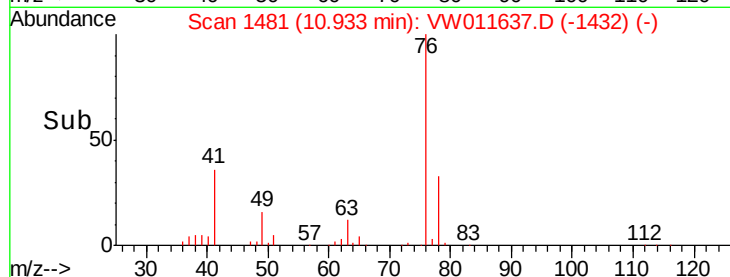
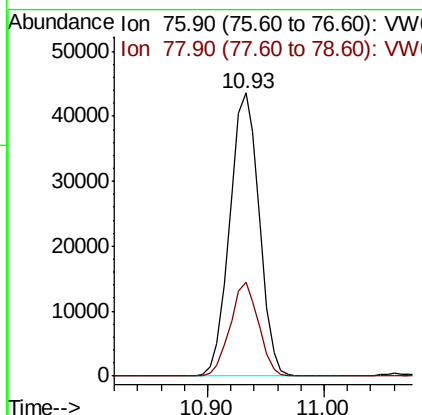
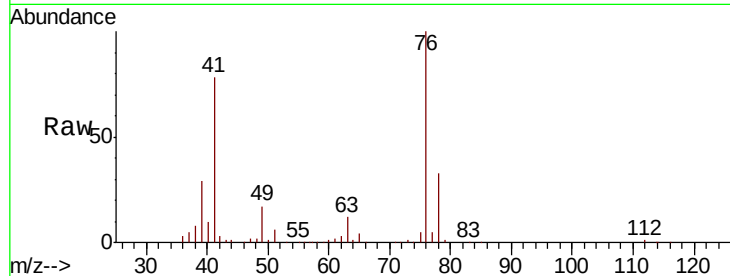




#57
 1,3-Dichloropropane
 Concen: 21.395 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

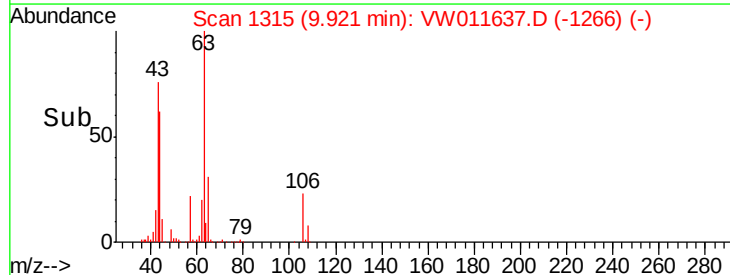
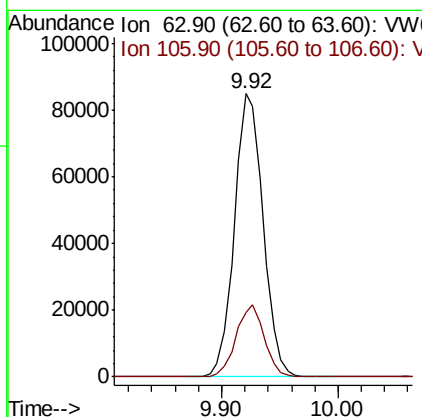
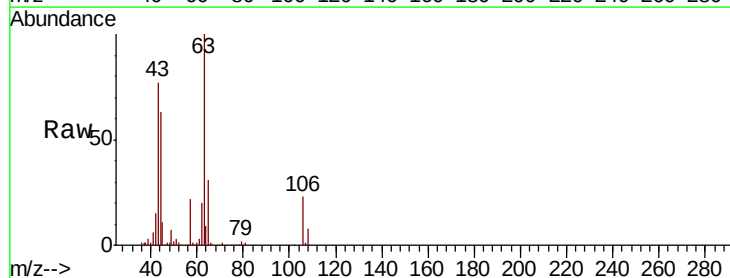
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

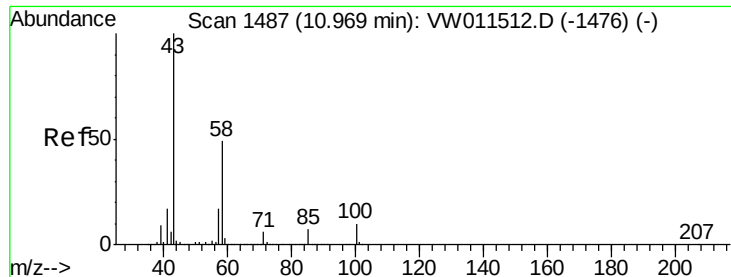
Tgt Ion: 76 Resp: 76769
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.823 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion: 63 Resp: 145950
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5

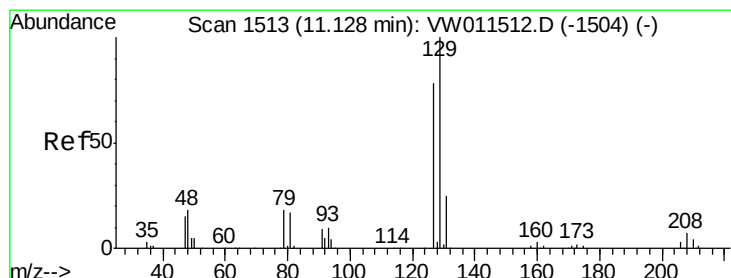
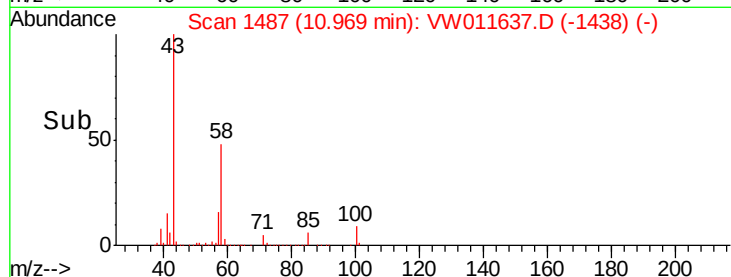
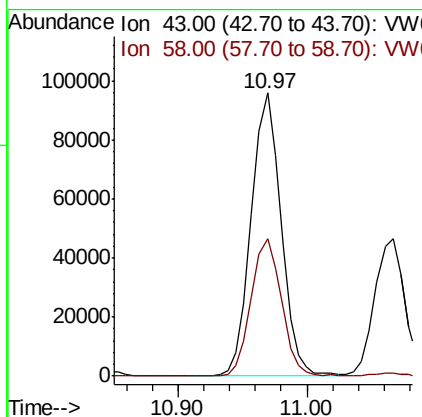
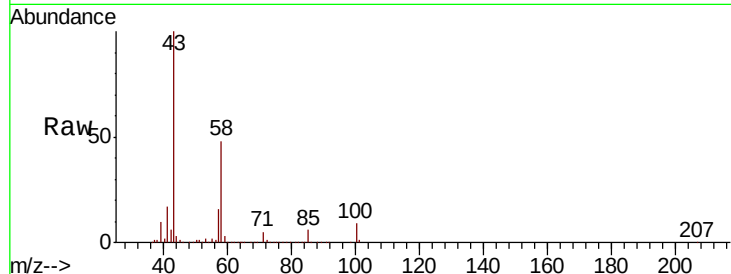




#59
2-Hexanone
Concen: 101.562 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

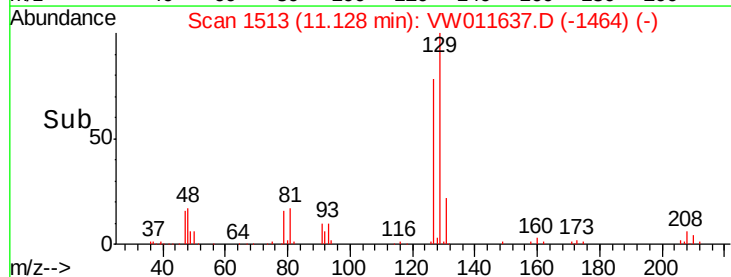
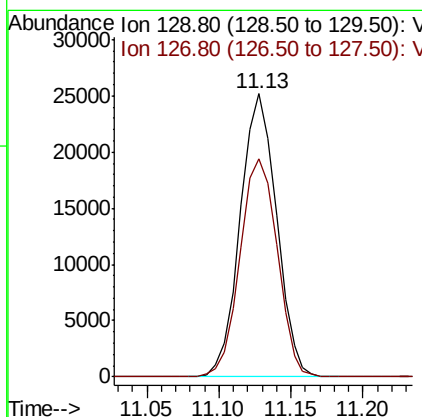
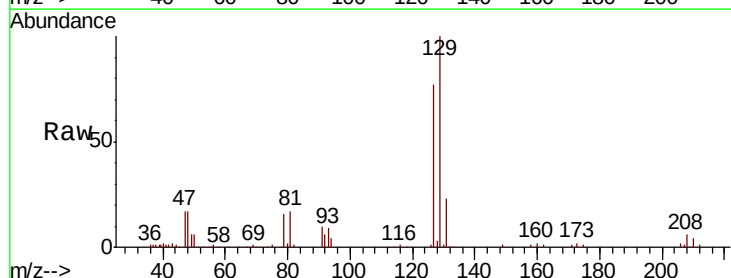
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

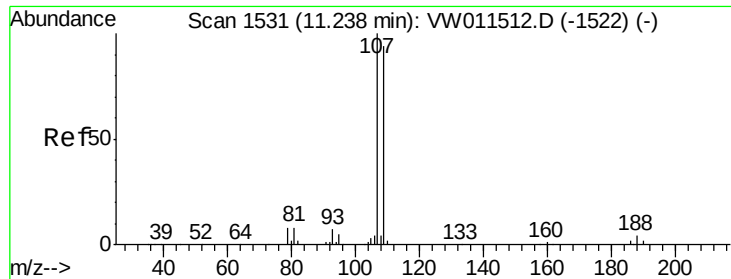
Tgt Ion: 43 Resp: 154219
Ion Ratio Lower Upper
43 100
58 49.2 24.3 72.9



#60
Dibromochloromethane
Concen: 20.990 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 129 Resp: 44190
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.336 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

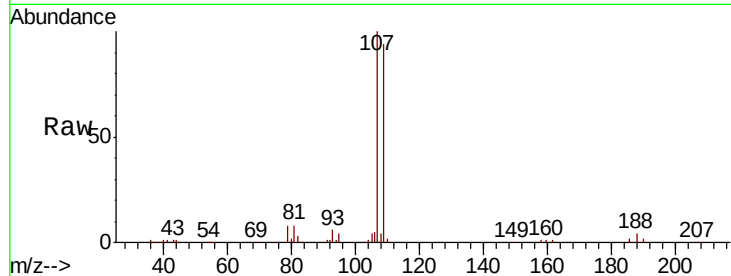
VW0803SBSD01

Tgt Ion: 107 Resp: 38295

Ion Ratio Lower Upper

107 100

109 95.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

15000

10000

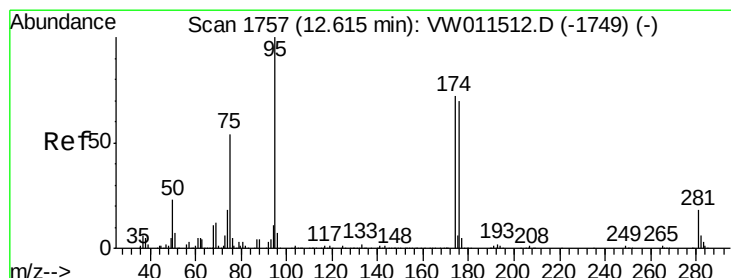
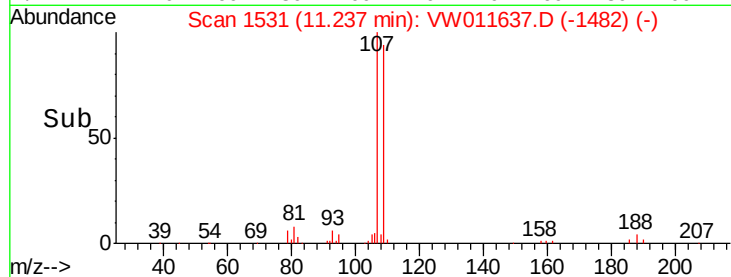
5000

0

Time-->

11.15 11.20 11.25 11.30

11.24



#62

4-Bromofluorobenzene

Concen: 53.483 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

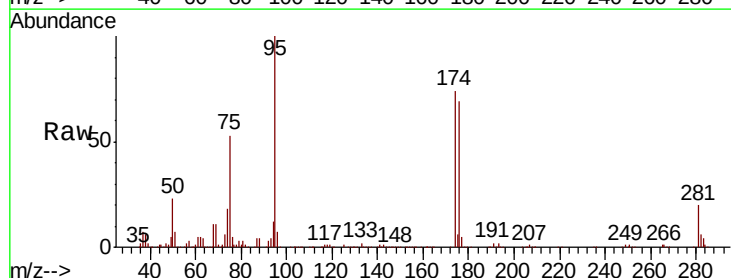
Tgt Ion: 95 Resp: 164597

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 73.0 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

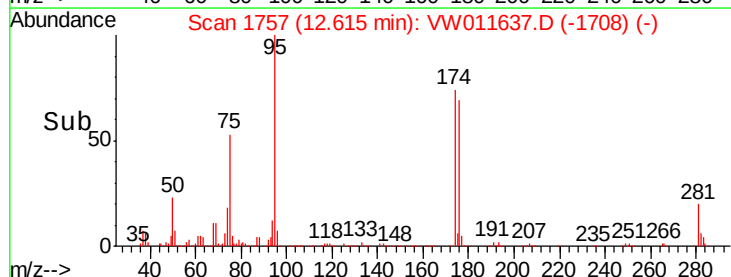
50000

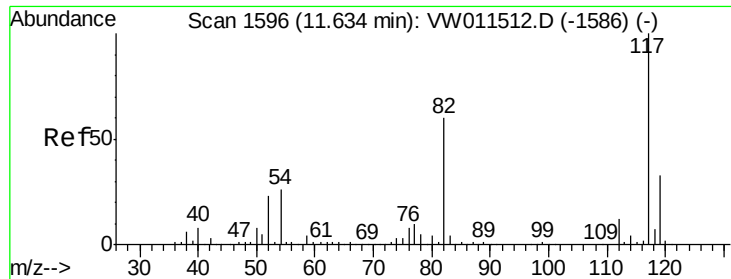
0

Time-->

12.55 12.60 12.65 12.70

12.62

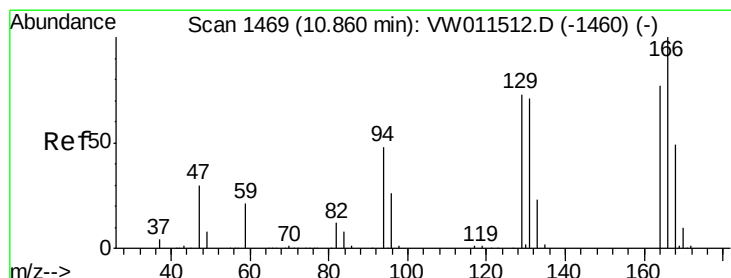
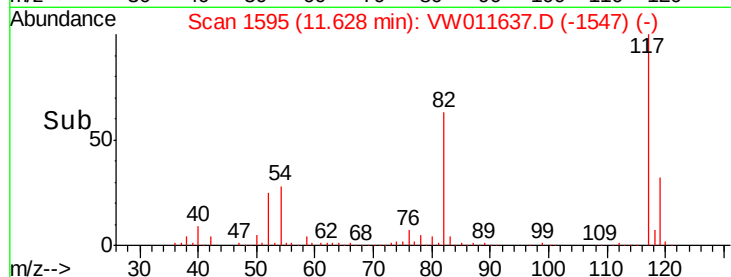
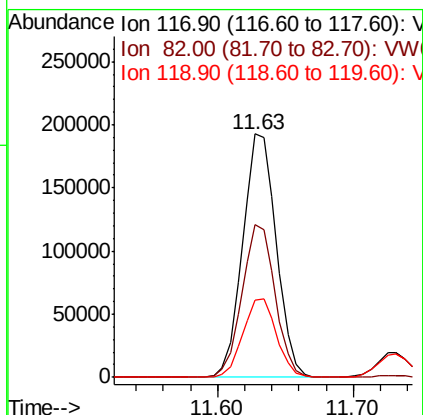
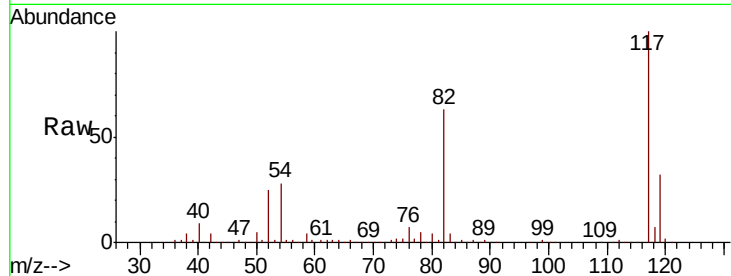




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

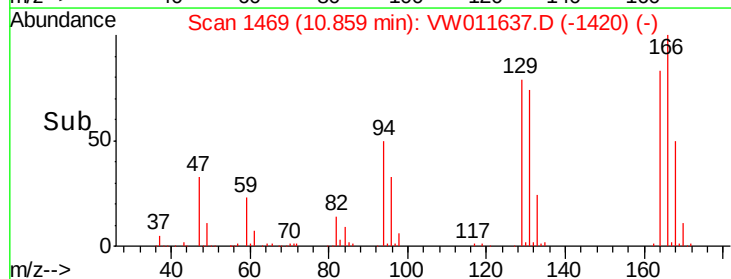
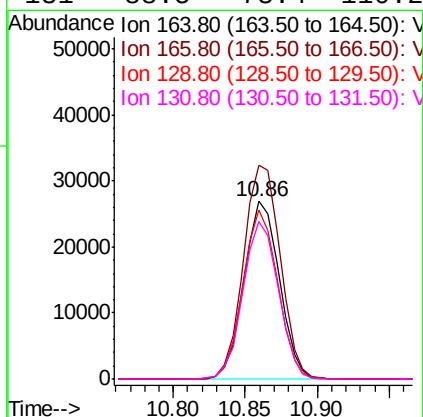
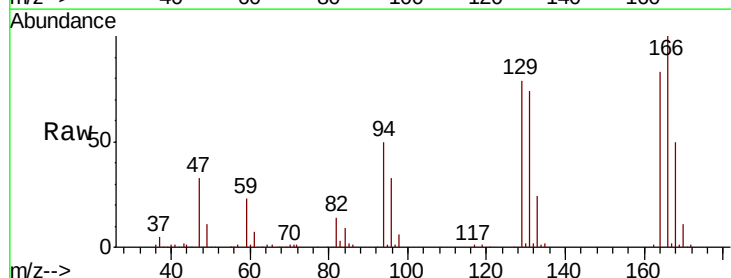
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

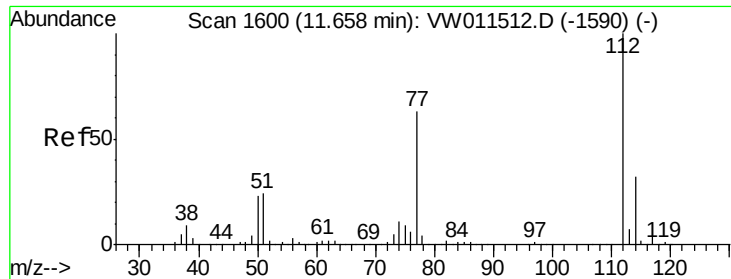
Tgt Ion:117 Resp: 332839
Ion Ratio Lower Upper
117 100
82 63.0 47.9 71.9
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 21.146 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion:164 Resp: 45827
Ion Ratio Lower Upper
164 100
166 120.4 103.5 155.3
129 95.2 75.2 112.8
131 88.5 73.4 110.2

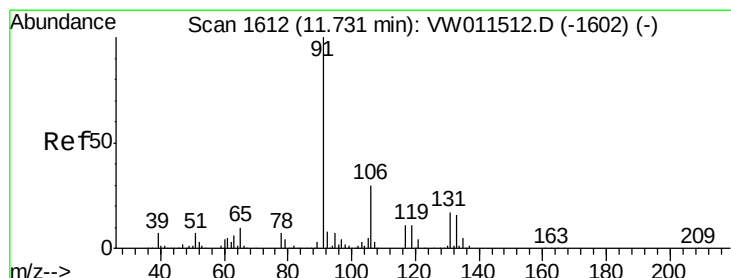
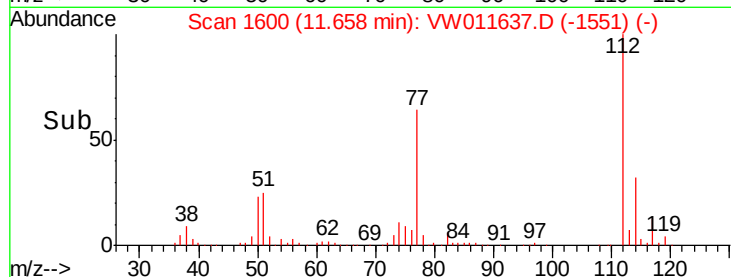
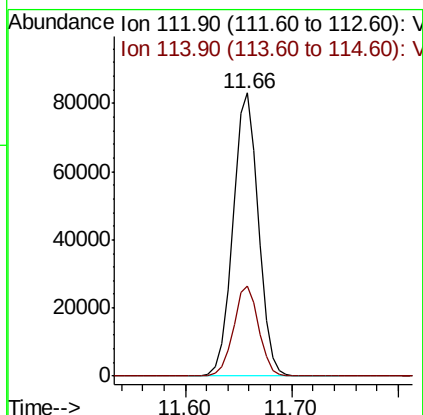
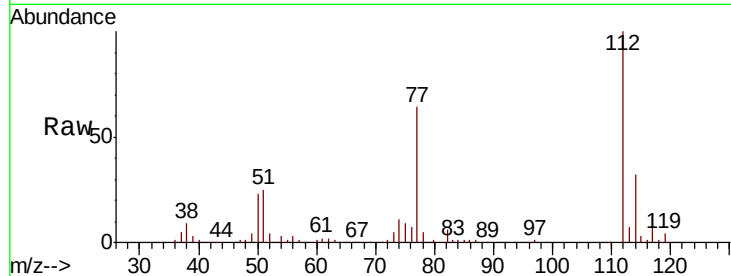




#65
Chlorobenzene
Concen: 20.754 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

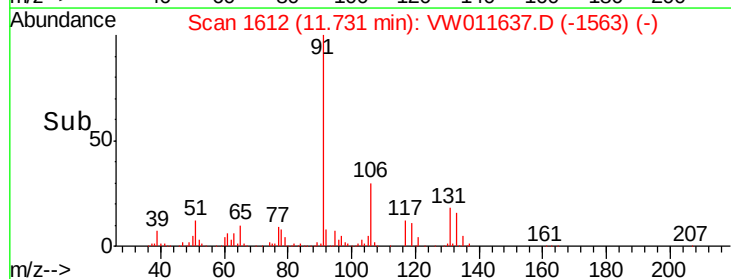
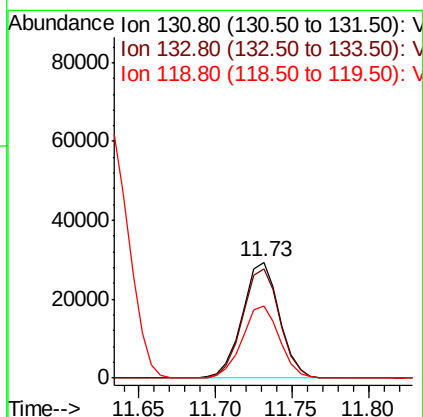
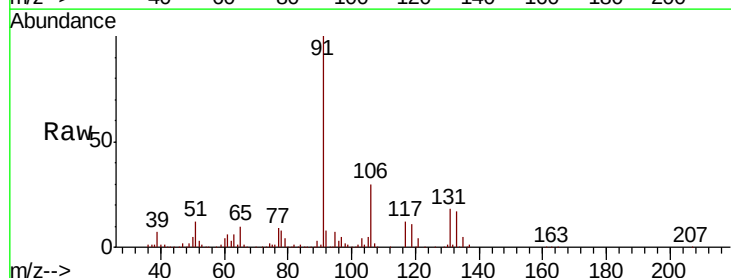
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

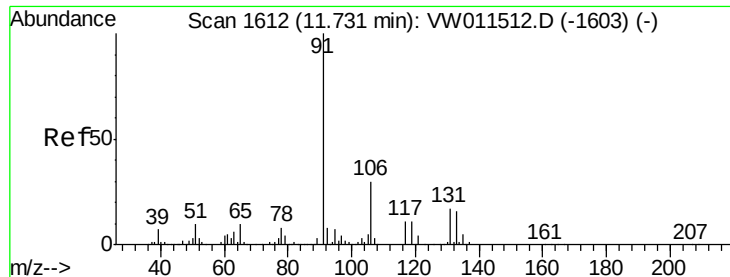
Tgt Ion:112 Resp: 138880
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.120 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion:131 Resp: 49228
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 62.8 32.3 96.9

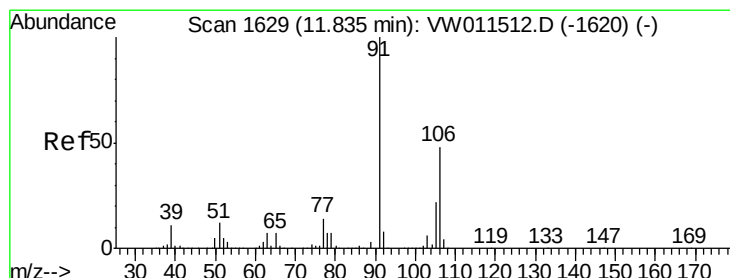
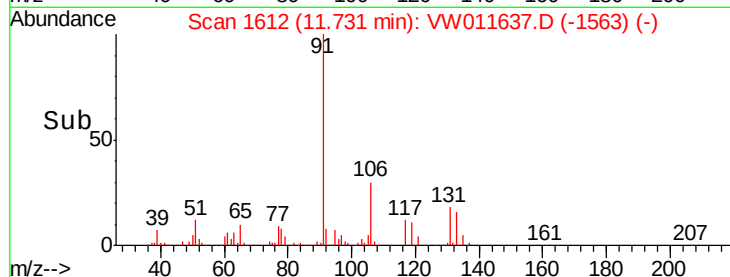
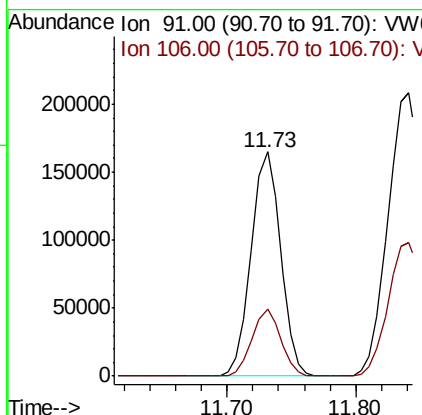
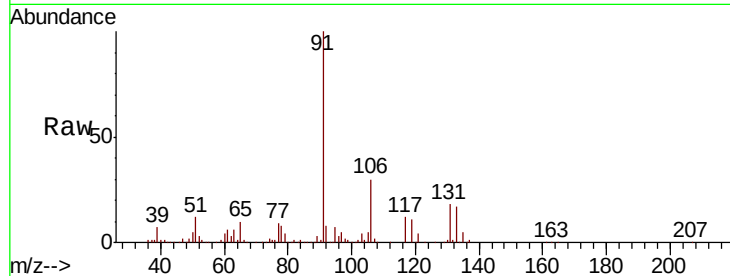




#67
Ethyl Benzene
Concen: 20.440 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

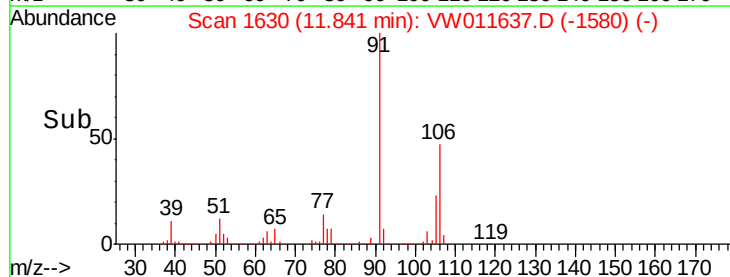
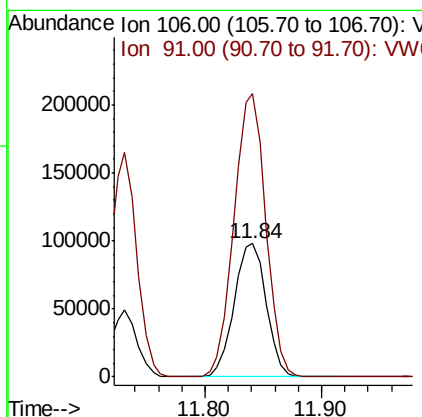
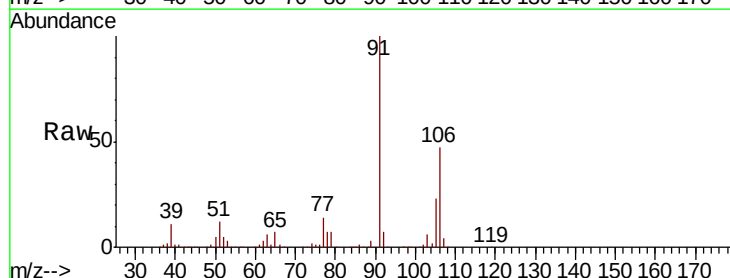
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

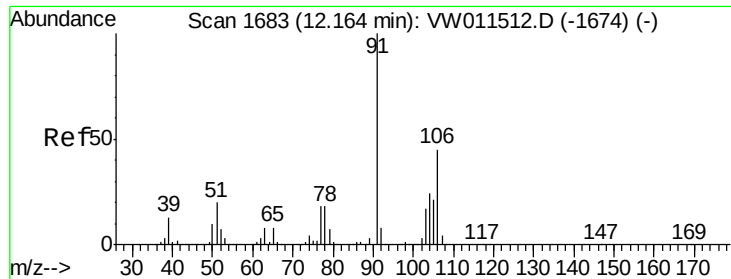
Tgt Ion: 91 Resp: 260497
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 40.648 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion: 106 Resp: 188396
Ion Ratio Lower Upper
106 100
91 210.1 168.2 252.2

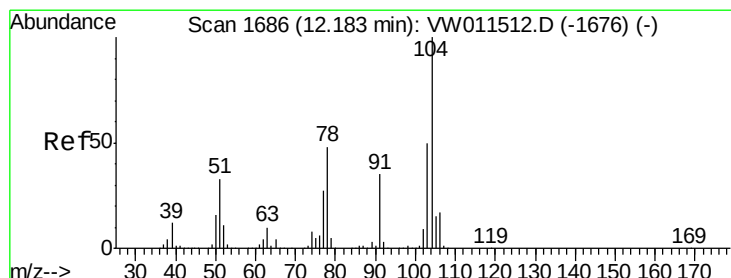
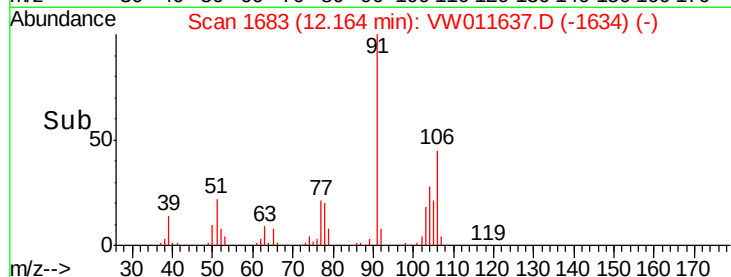
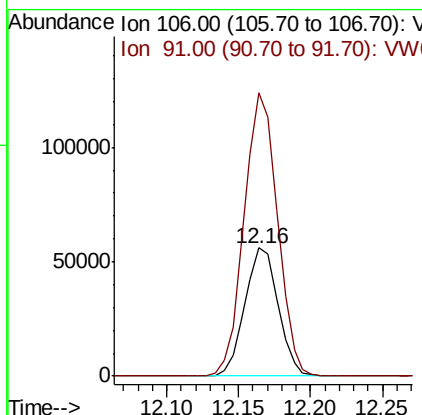
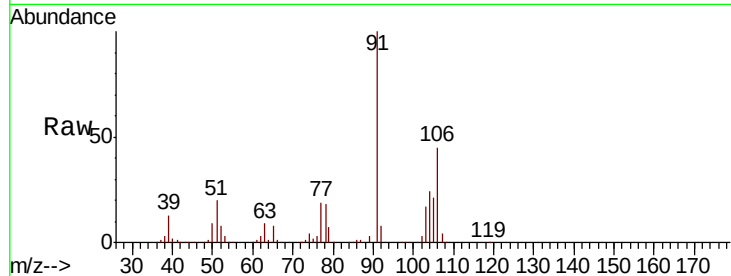




#69
o-Xylene
Concen: 20.781 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

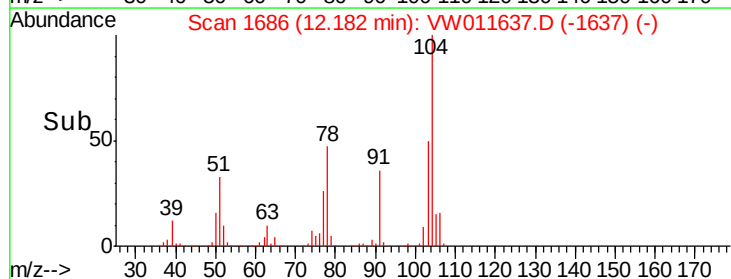
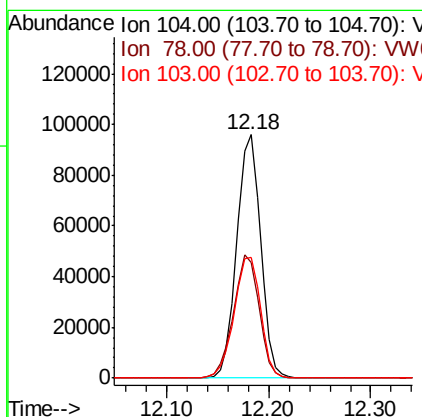
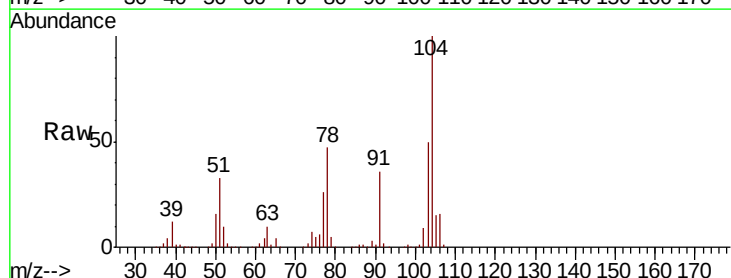
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

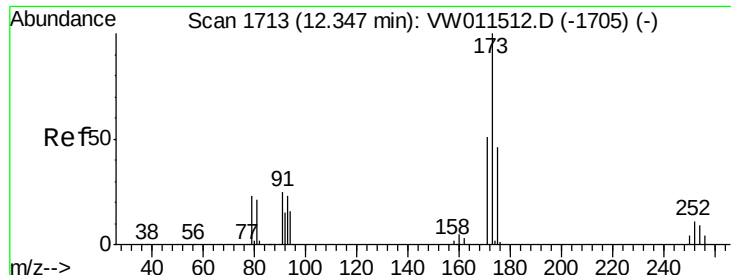
Tgt Ion:106 Resp: 89503
Ion Ratio Lower Upper
106 100
91 222.1 110.5 331.5



#70
Styrene
Concen: 20.850 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion:104 Resp: 155262
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.0
103 55.0 43.9 65.9

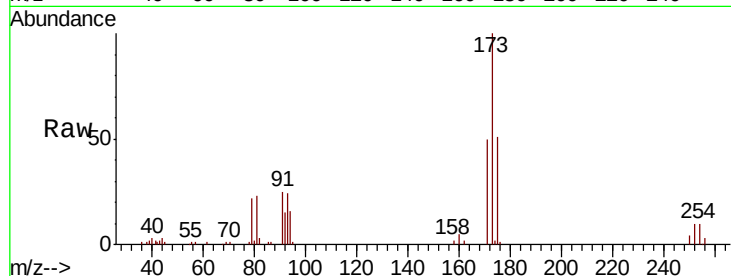




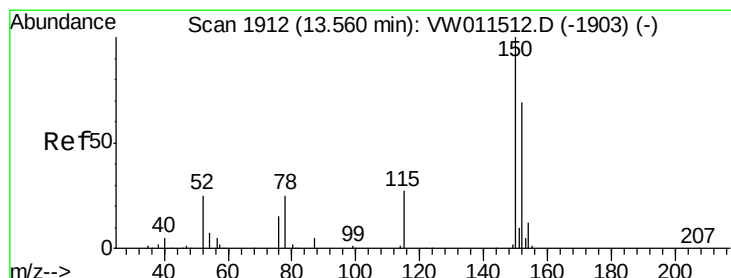
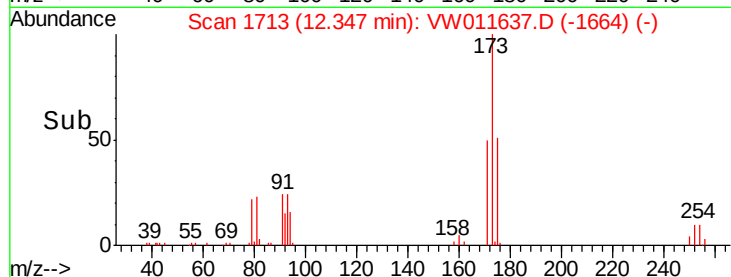
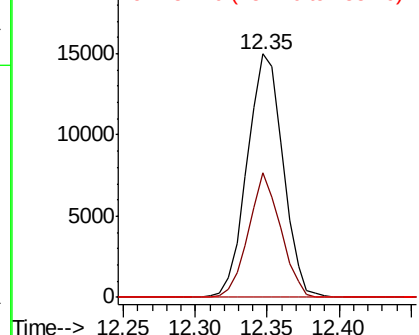
#71
Bromoform
Concen: 21.619 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

Tgt Ion:173 Resp: 25692
Ion Ratio Lower Upper
173 100
175 46.1 23.6 71.0
254 0.1 0.1 0.1

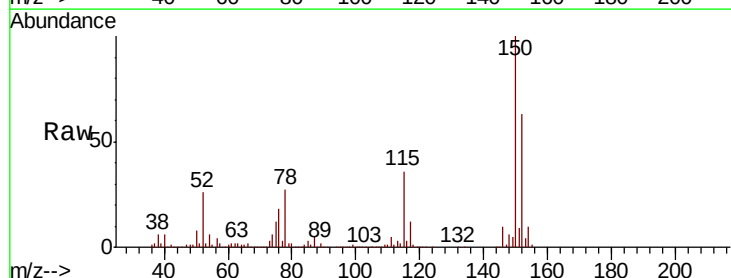


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

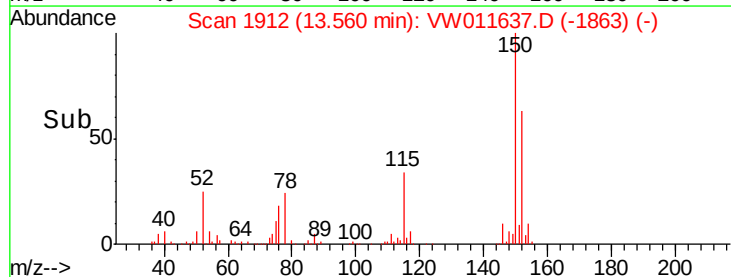
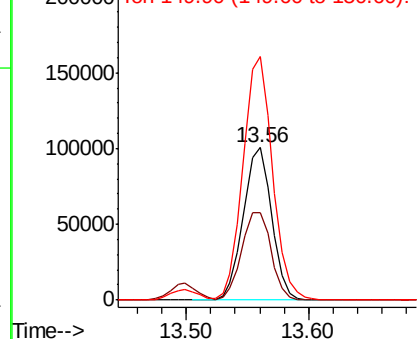


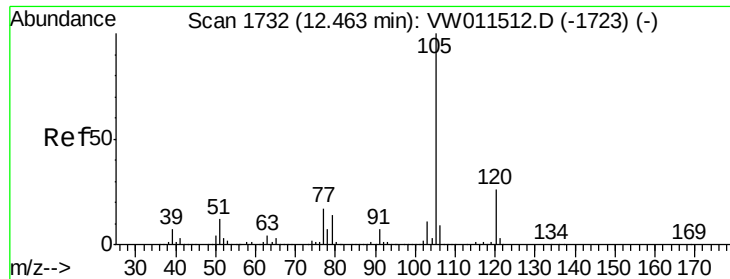
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion:152 Resp: 161919
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 165.6 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.996 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

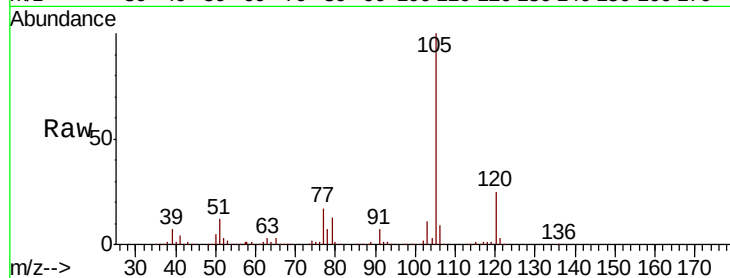
VW0803SBSD01

Tgt Ion: 105 Resp: 241546

Ion Ratio Lower Upper

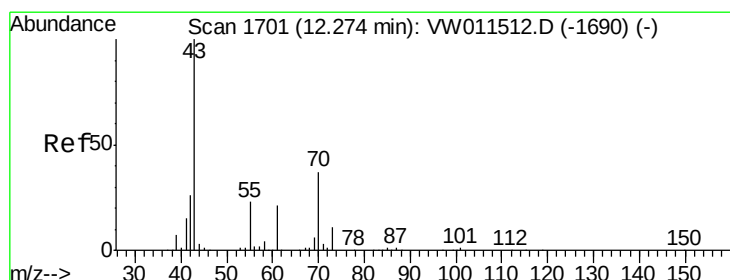
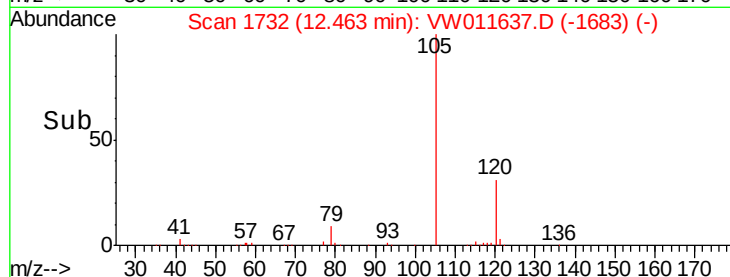
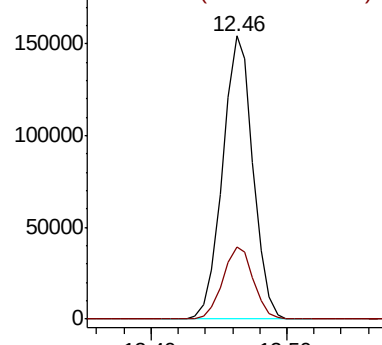
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.003 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Tgt Ion: 43 Resp: 79431

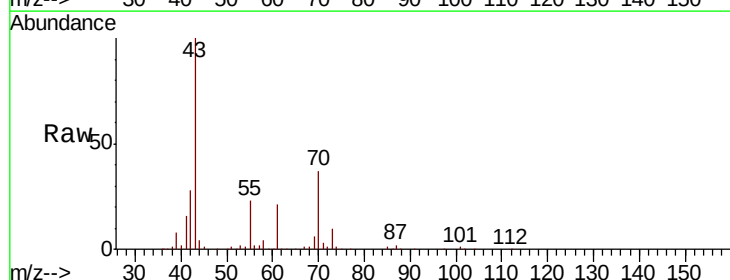
Ion Ratio Lower Upper

43 100

70 34.6 28.6 43.0

55 22.8 17.8 26.8

61 21.4 17.0 25.6

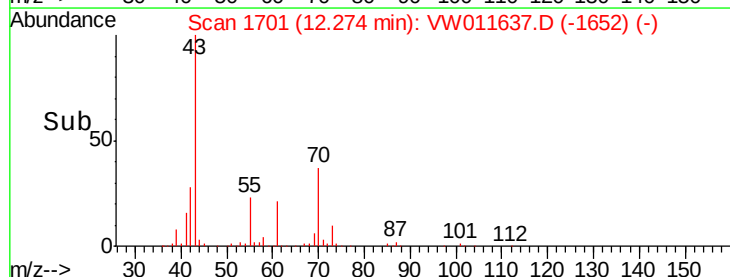
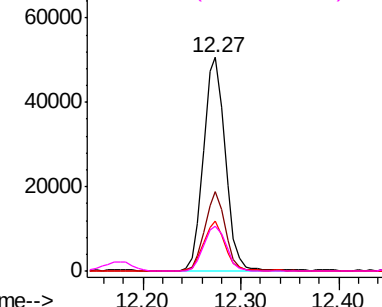


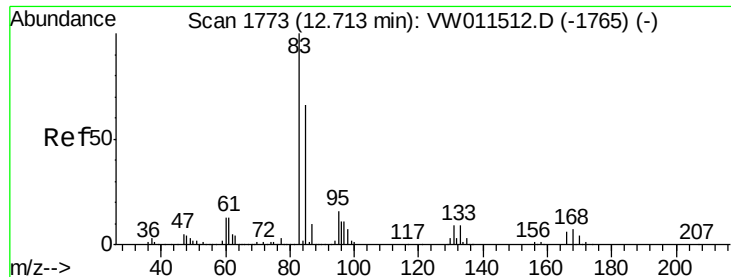
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 21.469 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBSD01

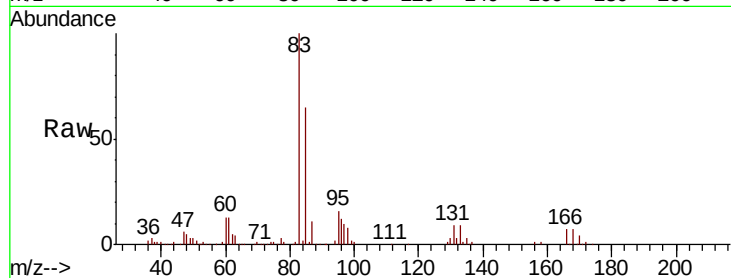
Tgt Ion: 83 Resp: 48782

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

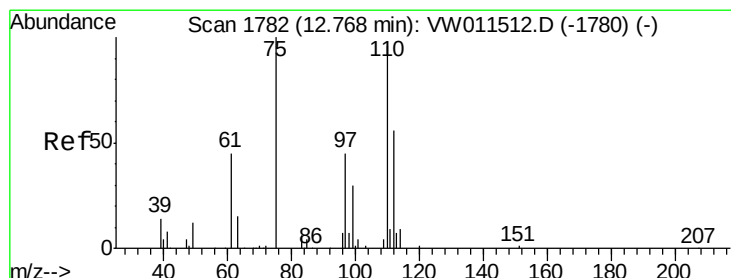
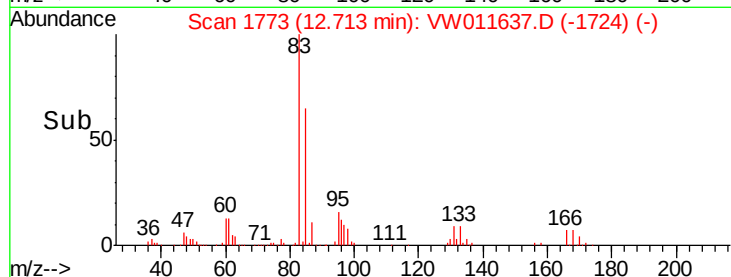
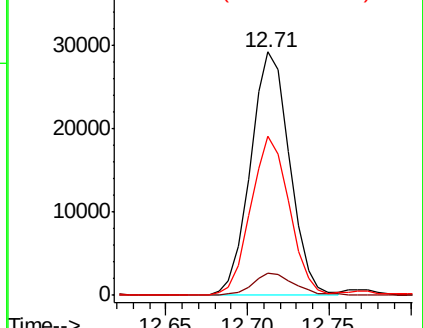
85 64.6 31.8 95.4



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: 37.370 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011637.D

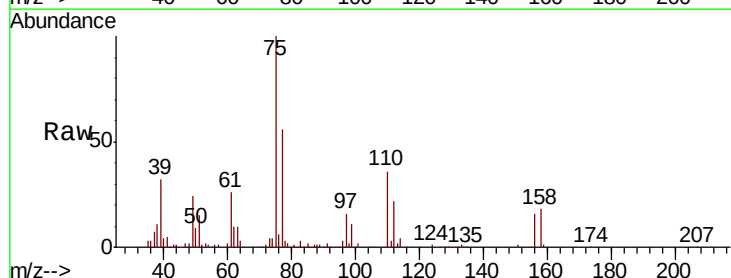
Acq: 02 Aug 2019 23:58

Tgt Ion: 75 Resp: 64025

Ion Ratio Lower Upper

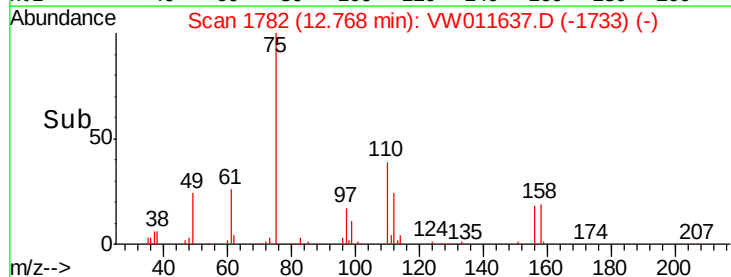
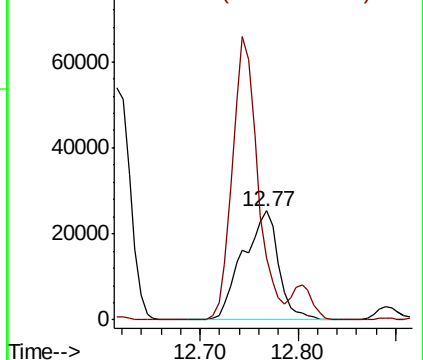
75 100

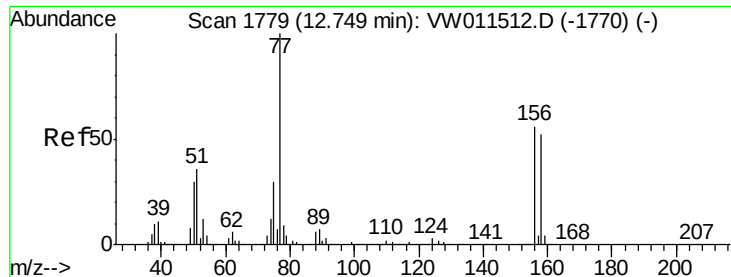
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.167 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBSD01

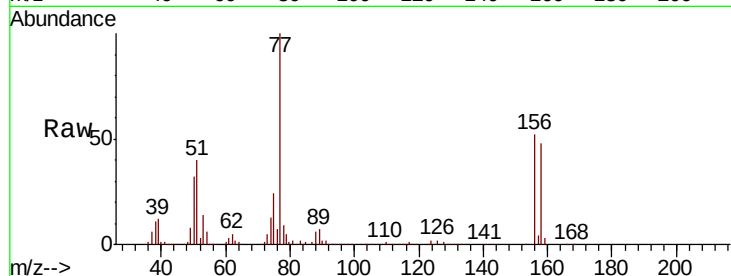
Tgt Ion:156 Resp: 56515

Ion Ratio Lower Upper

156 100

77 210.9 106.5 319.4

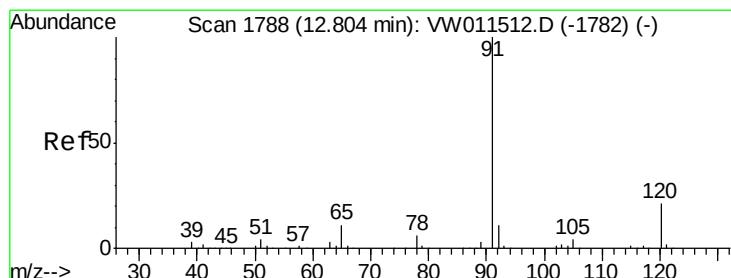
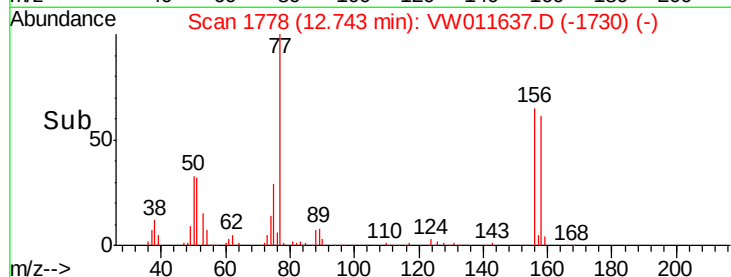
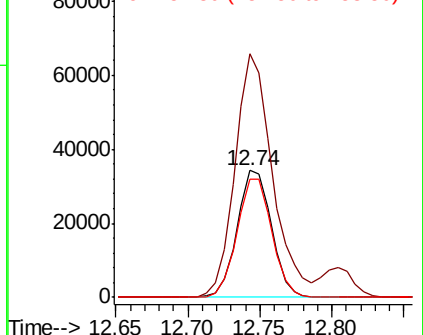
158 95.1 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.823 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011637.D

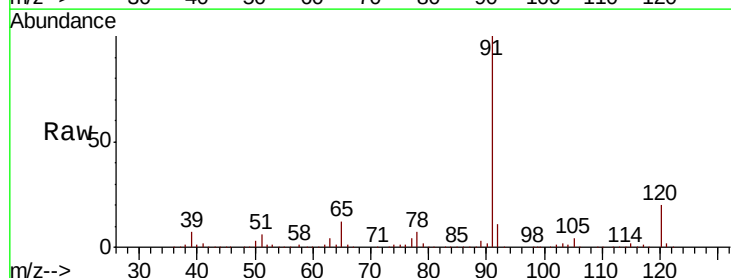
Acq: 02 Aug 2019 23:58

Tgt Ion: 91 Resp: 291415

Ion Ratio Lower Upper

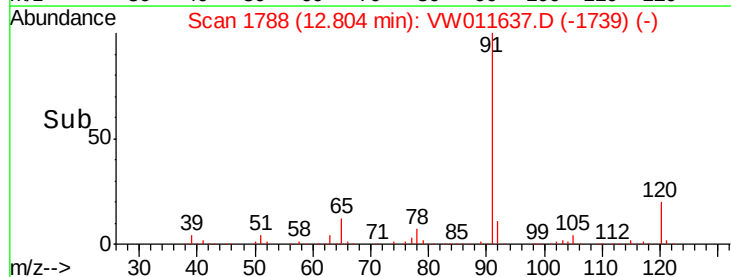
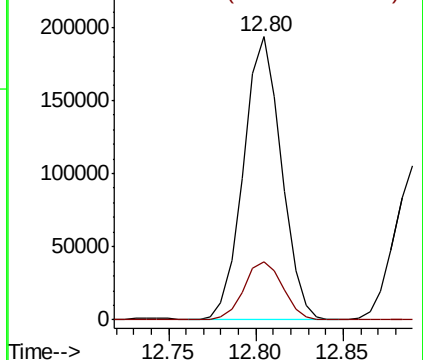
91 100

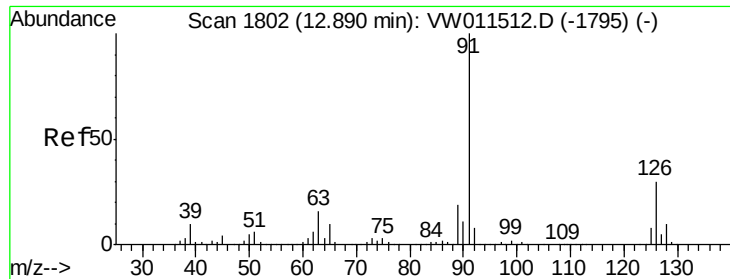
120 21.2 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.374 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

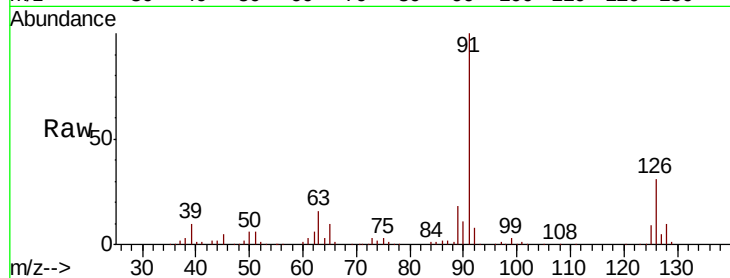
VW0803SBSD01

Tgt Ion: 91 Resp: 172550

Ion Ratio Lower Upper

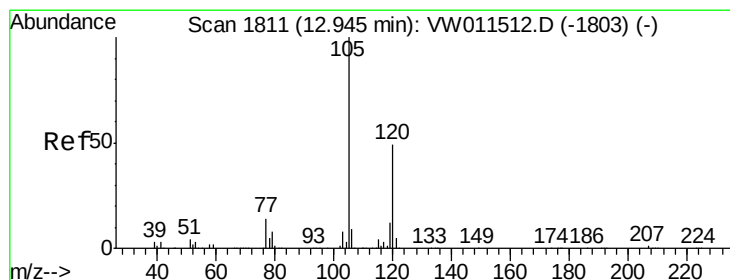
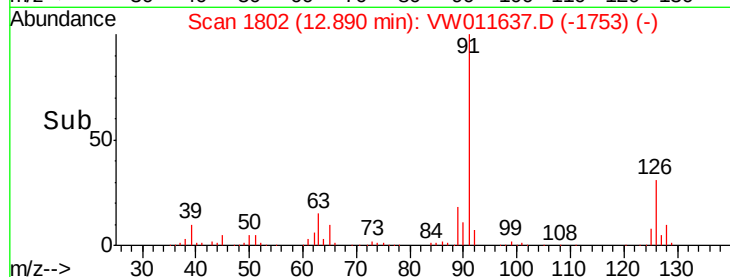
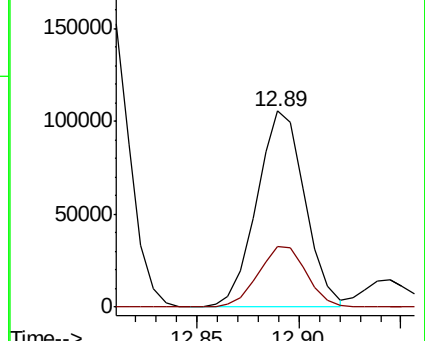
91 100

126 31.6 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.402 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011637.D

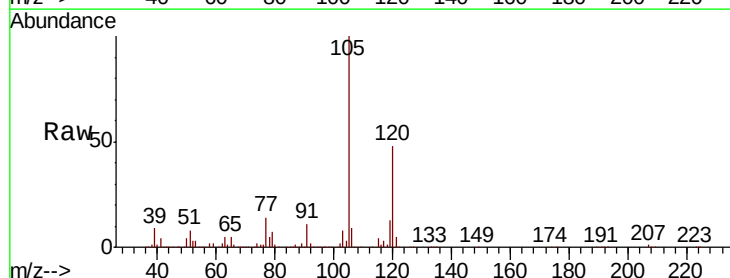
Acq: 02 Aug 2019 23:58

Tgt Ion: 105 Resp: 206583

Ion Ratio Lower Upper

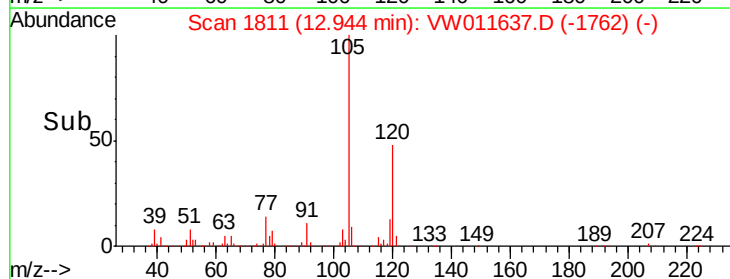
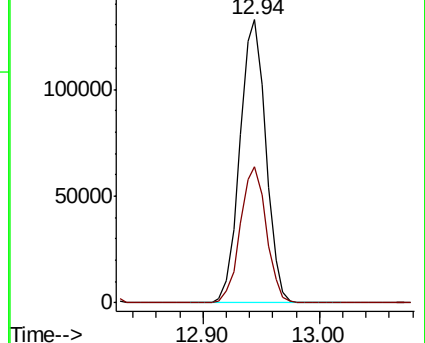
105 100

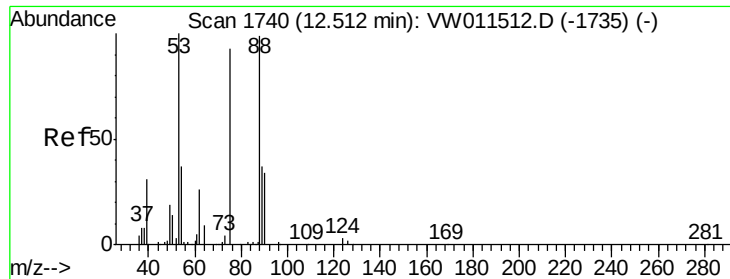
120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.978 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBSD01

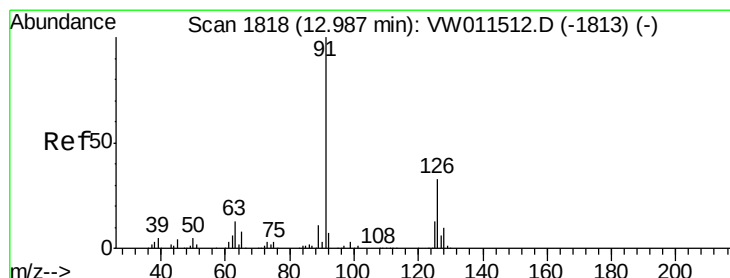
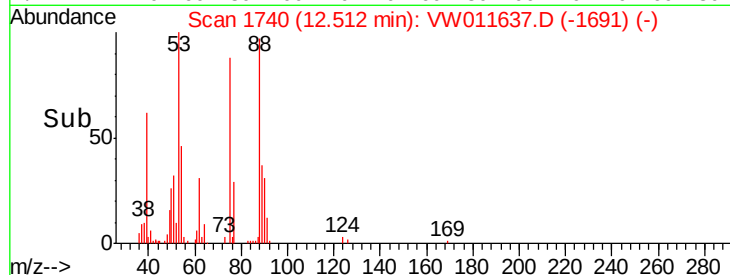
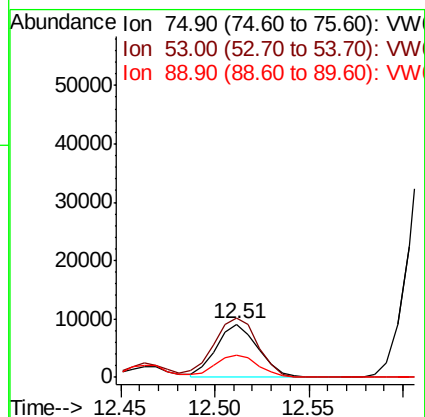
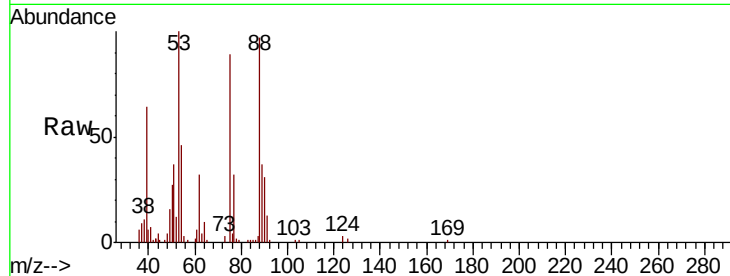
Tgt Ion: 75 Resp: 14108

Ion Ratio Lower Upper

75 100

53 116.6 88.0 132.0

89 43.8 35.3 52.9



#82

4-Chlorotoluene

Concen: 20.451 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011637.D

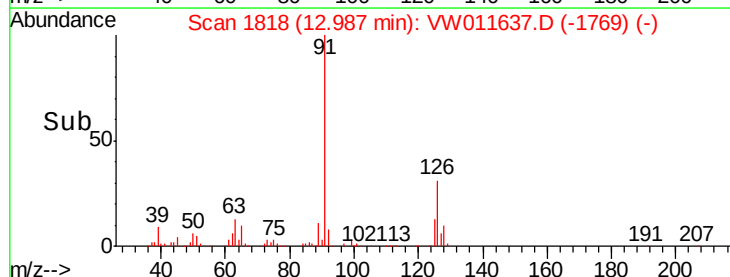
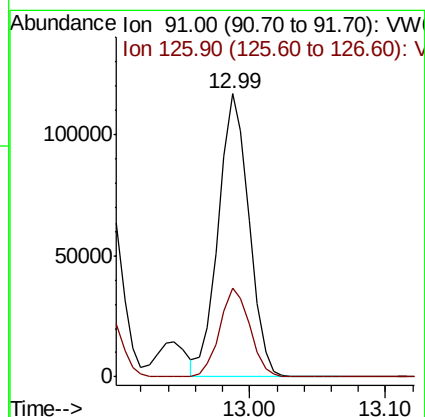
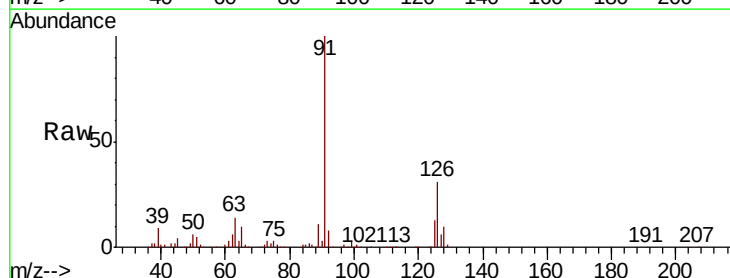
Acq: 02 Aug 2019 23:58

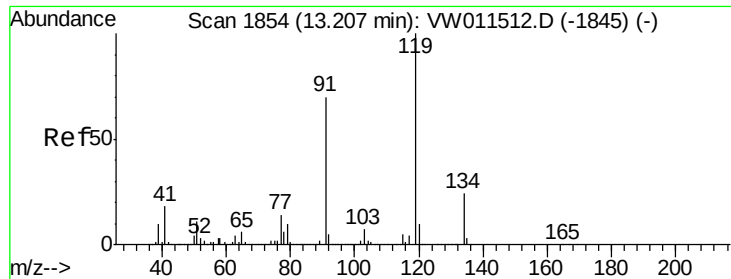
Tgt Ion: 91 Resp: 181722

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8

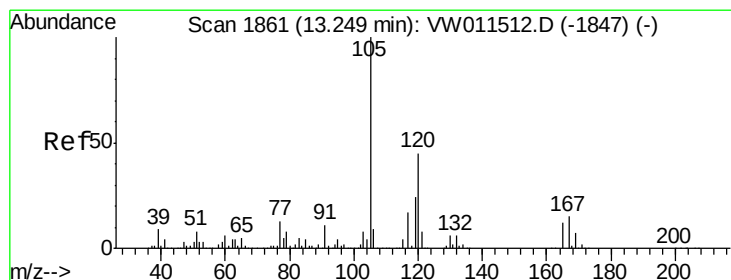
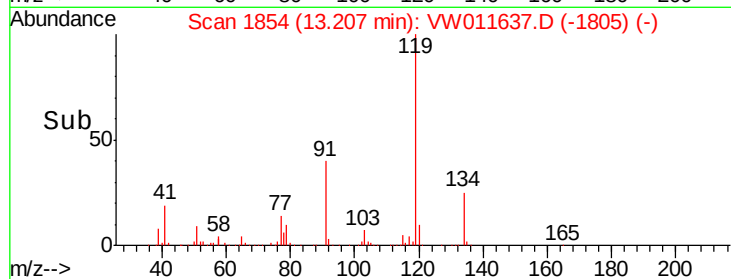
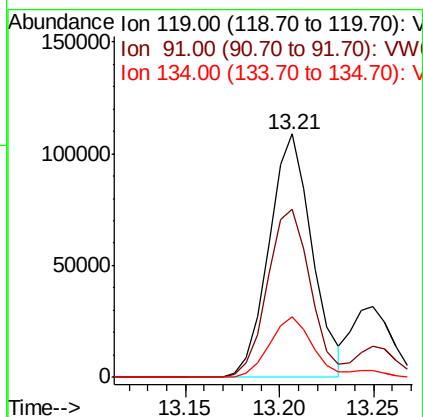
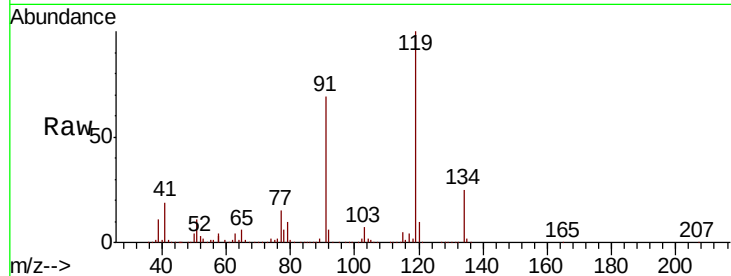




#83
 tert-Butylbenzene
 Concen: 20.359 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

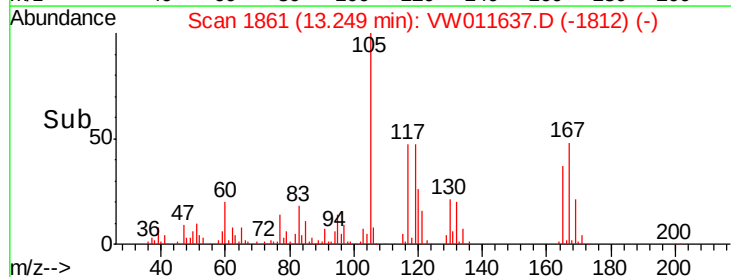
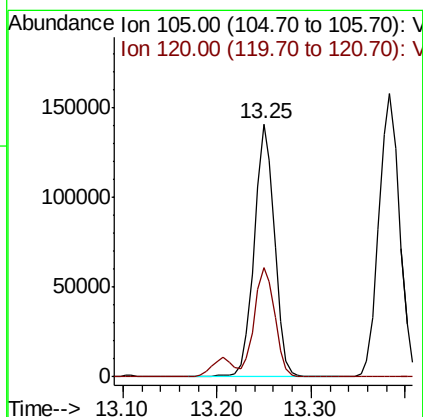
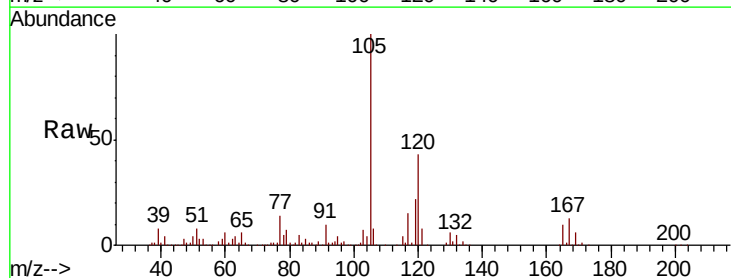
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

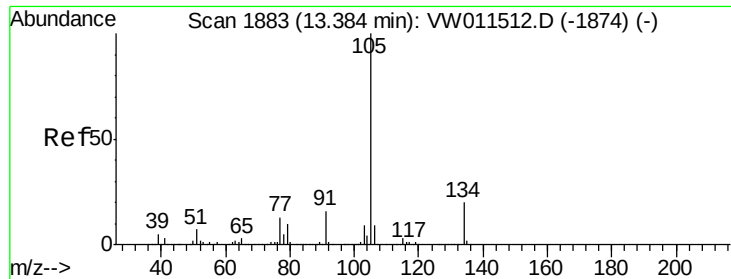
Tgt Ion:119 Resp: 172394
 Ion Ratio Lower Upper
 119 100
 91 69.1 34.5 103.6
 134 24.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.657 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion:105 Resp: 210701
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5

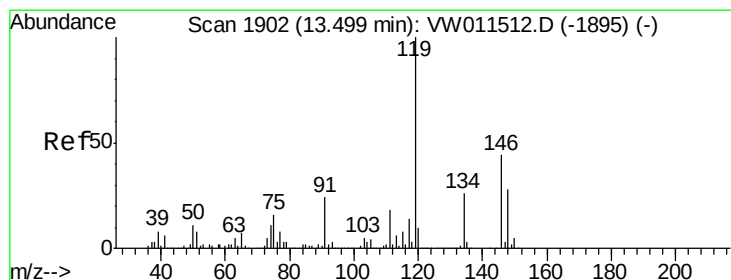
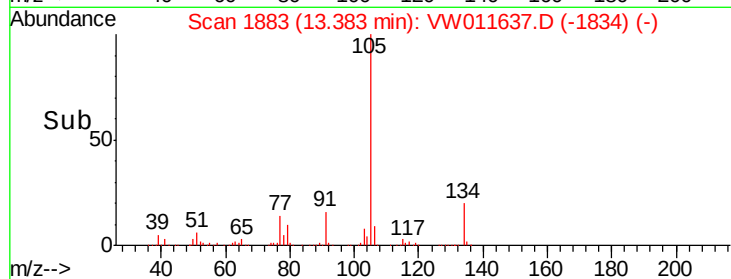
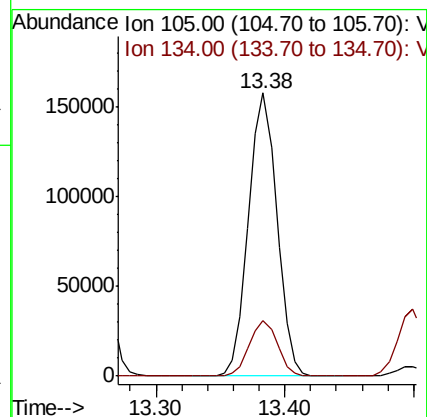
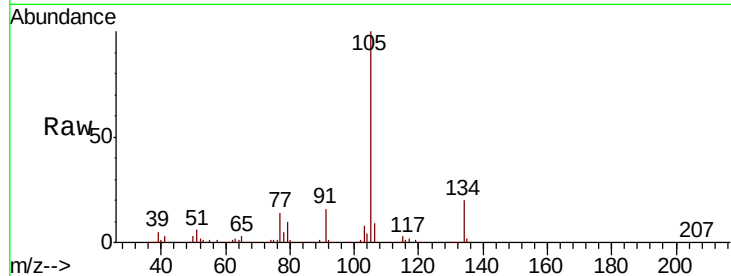




#85
 sec-Butylbenzene
 Concen: 19.914 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

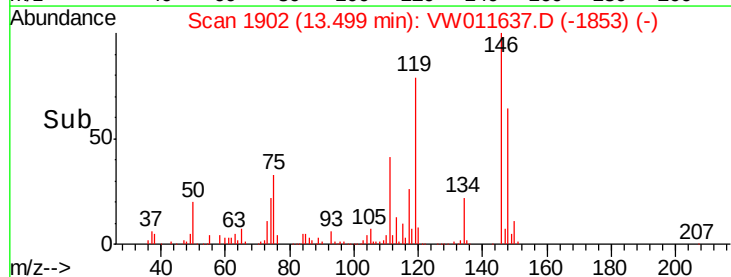
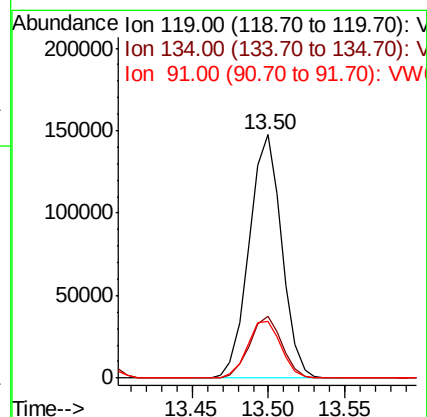
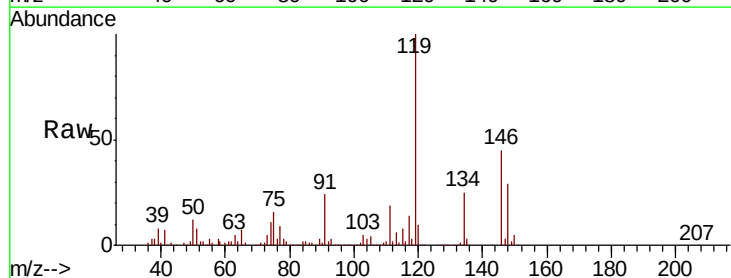
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

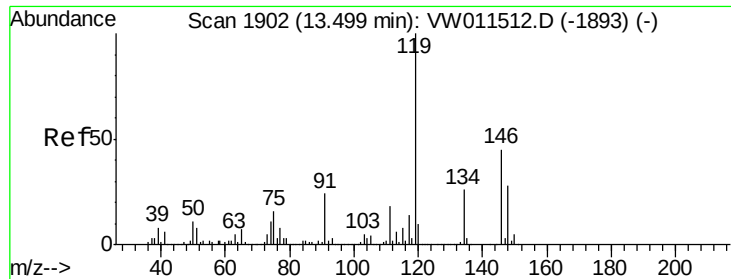
Tgt Ion:105 Resp: 240608
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.872 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion:119 Resp: 217839
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 24.3 12.1 36.3

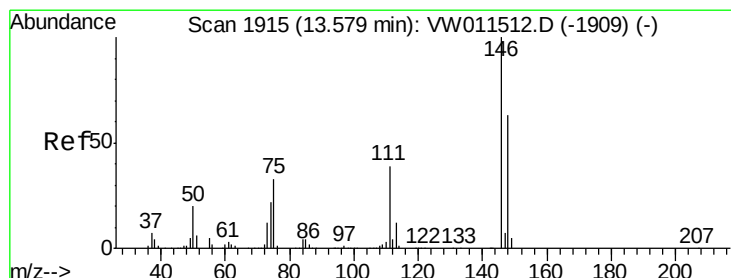
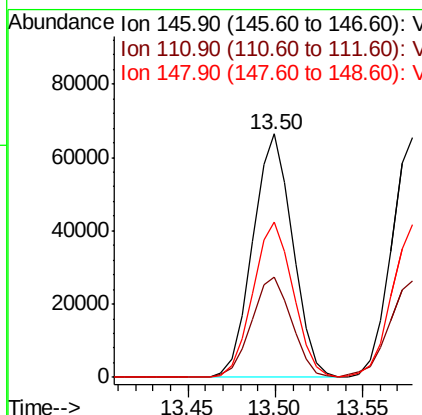
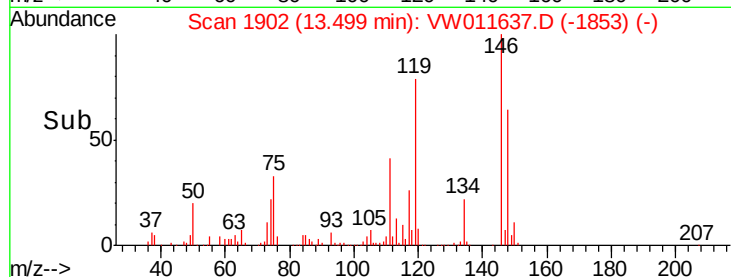
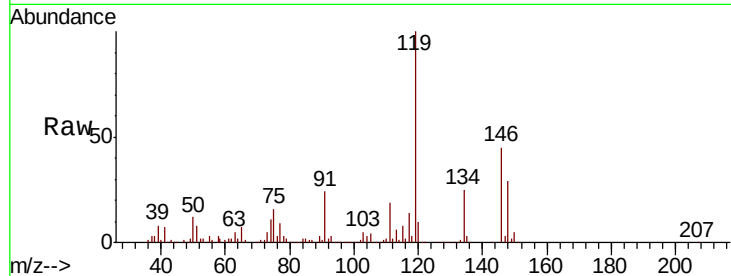




#87
 1,3-Dichlorobenzene
 Concen: 20.136 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

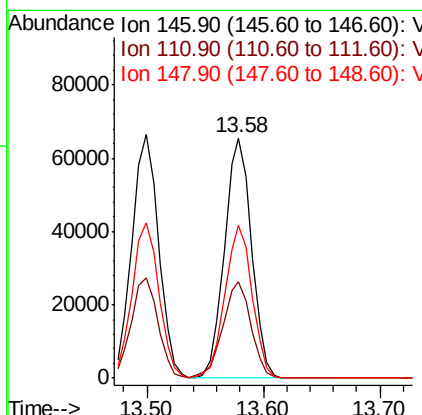
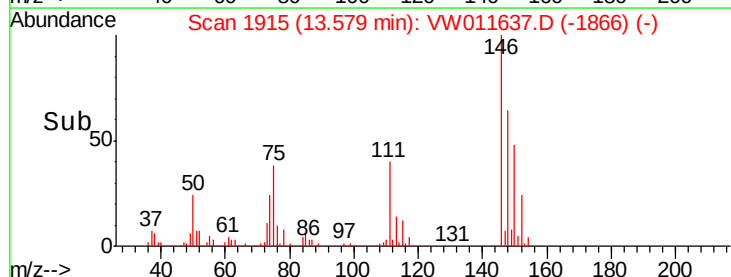
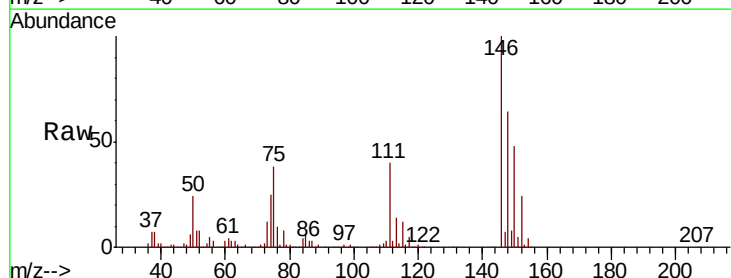
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

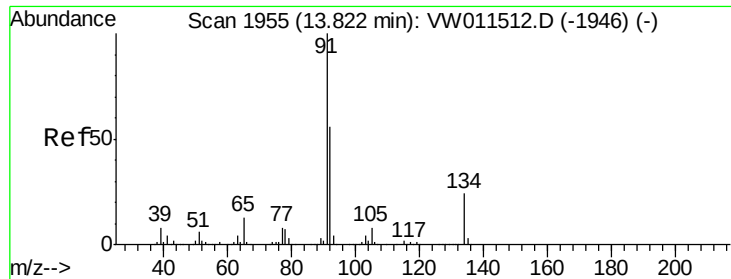
Tgt Ion:146 Resp: 105417
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.5 61.6
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.181 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion:146 Resp: 105097
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.2
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 18.906 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011637.D

Acq: 02 Aug 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBSD01

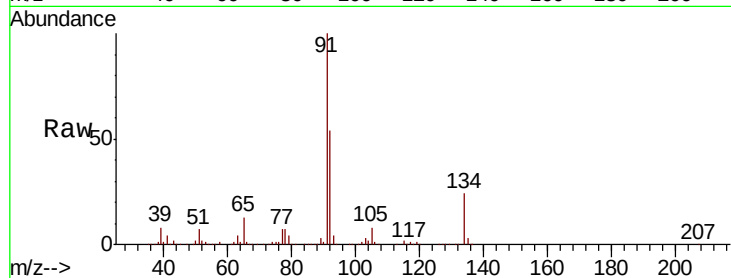
Tgt Ion: 91 Resp: 206831

Ion Ratio Lower Upper

91 100

92 54.2 27.5 82.4

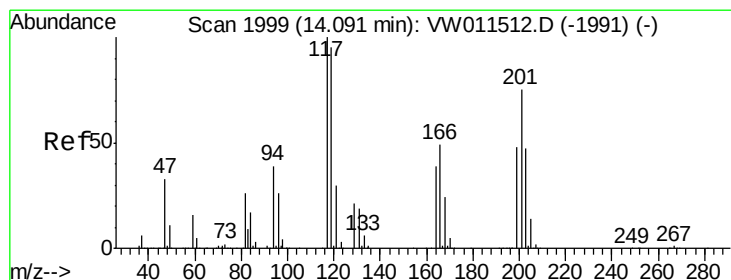
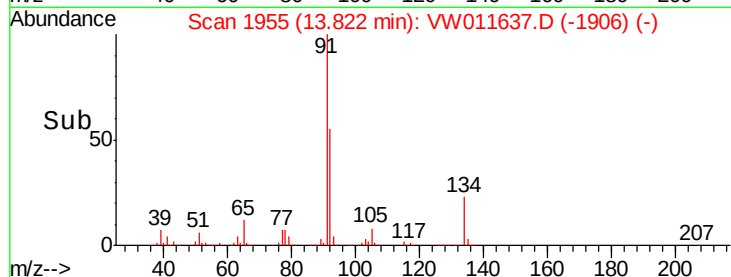
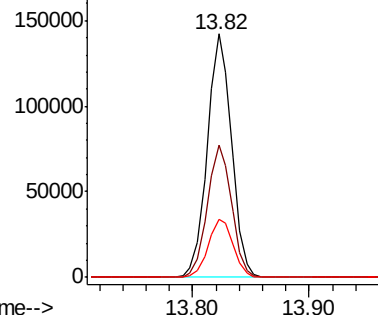
134 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.317 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011637.D

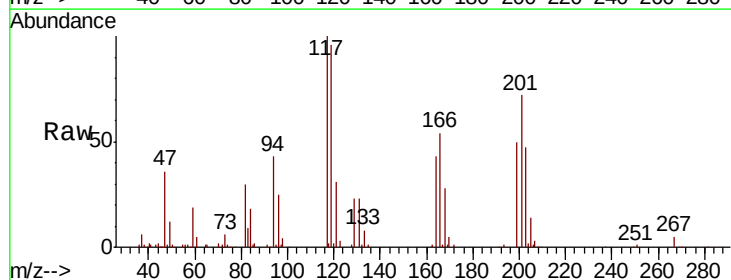
Acq: 02 Aug 2019 23:58

Tgt Ion: 117 Resp: 39384

Ion Ratio Lower Upper

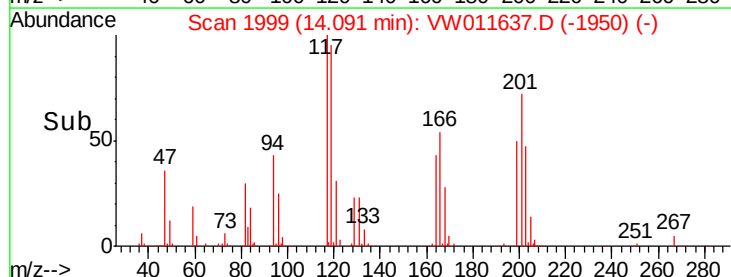
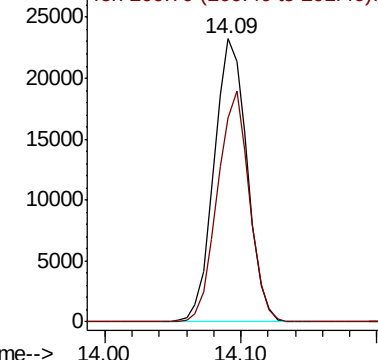
117 100

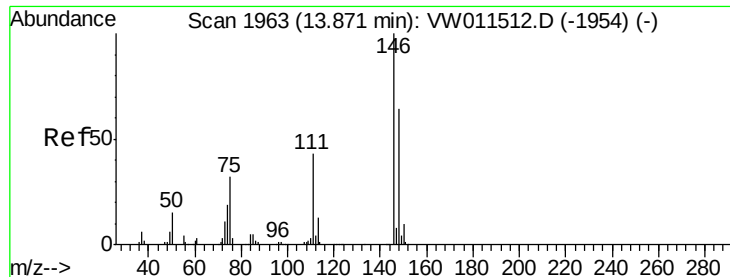
201 78.8 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

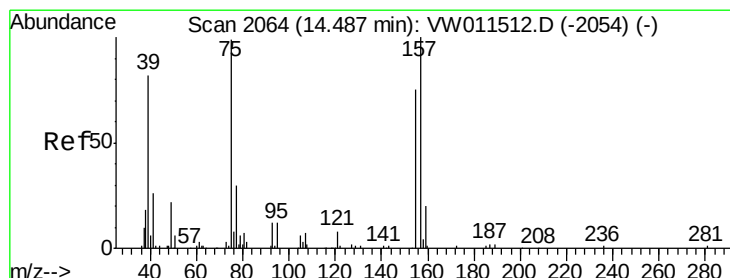
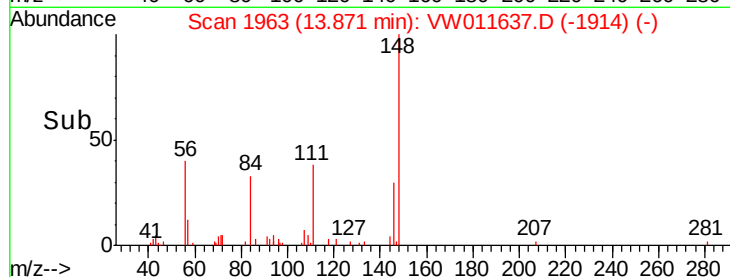
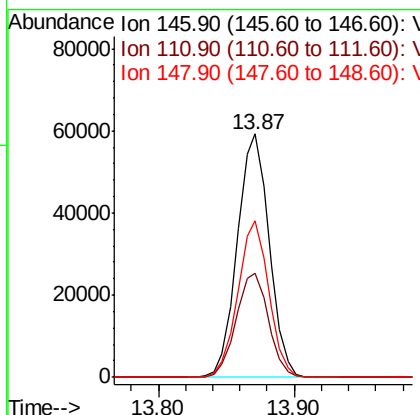
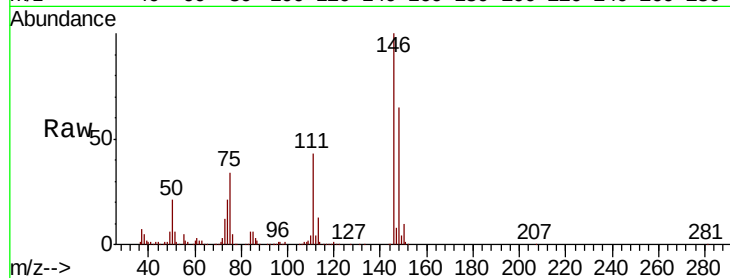




#91
 1,2-Dichlorobenzene
 Concen: 20.899 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

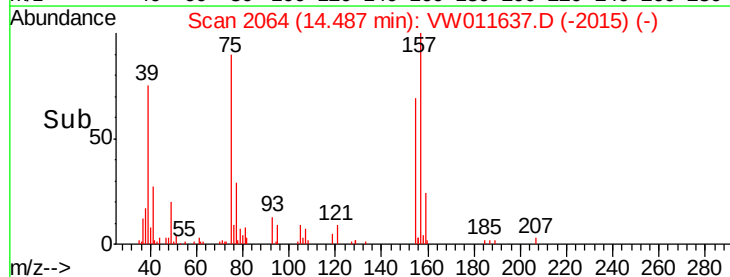
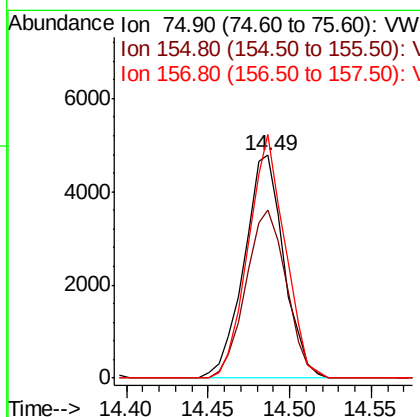
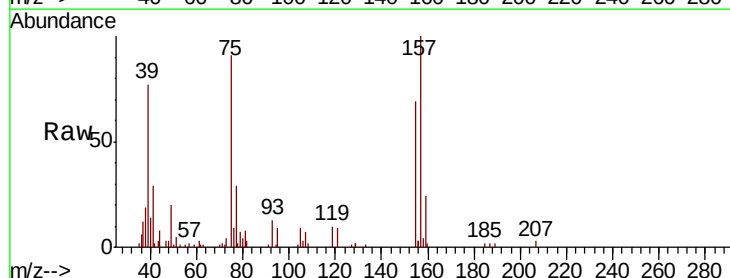
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

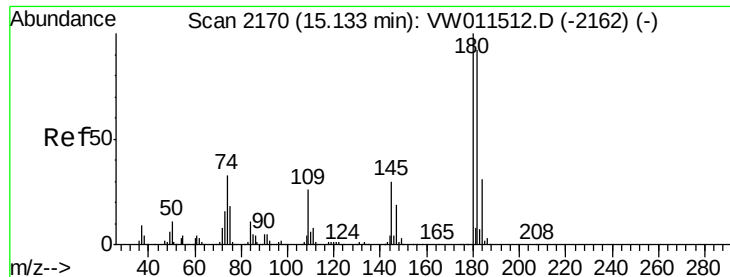
Tgt Ion:146 Resp: 96770
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 65.0
 148 62.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.967 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion: 75 Resp: 8124
 Ion Ratio Lower Upper
 75 100
 155 76.9 38.2 114.6
 157 100.8 48.9 146.7

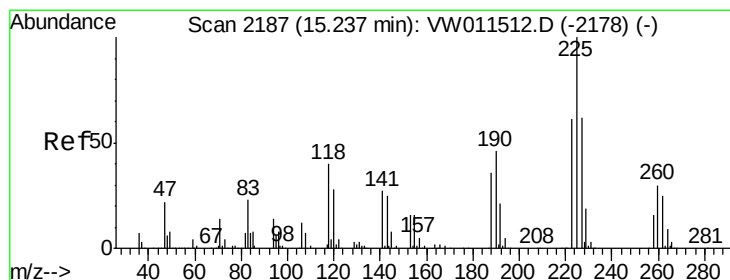
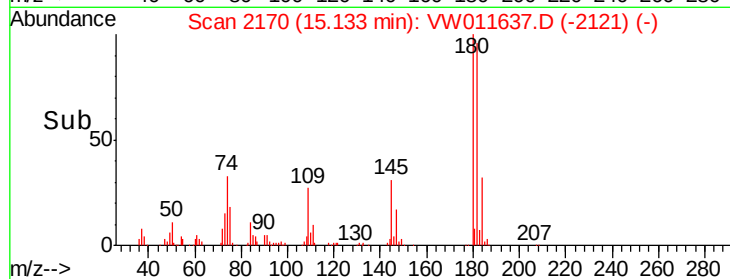
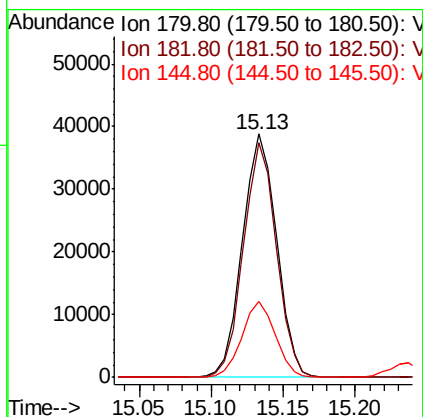
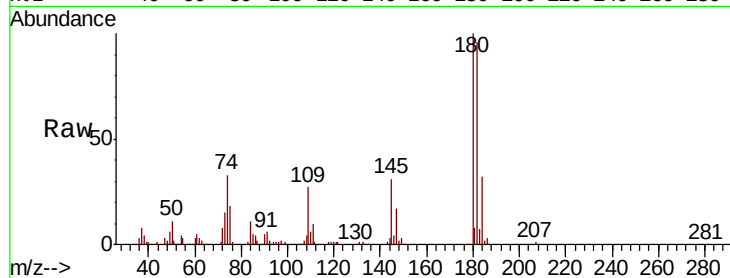




#93
 1,2,4-Trichlorobenzene
 Concen: 19.563 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

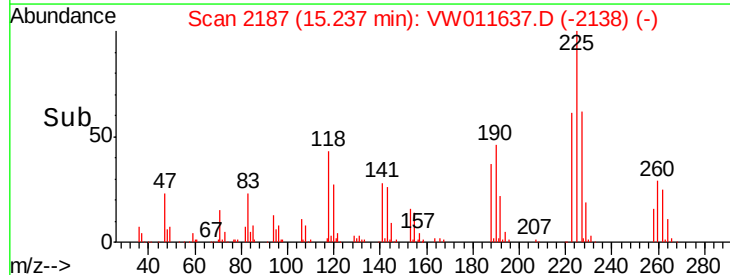
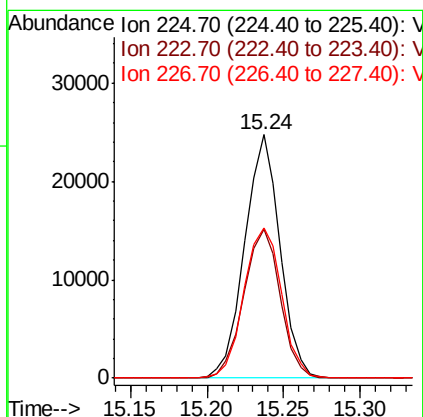
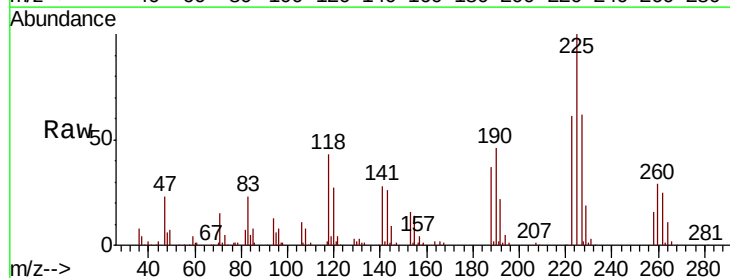
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

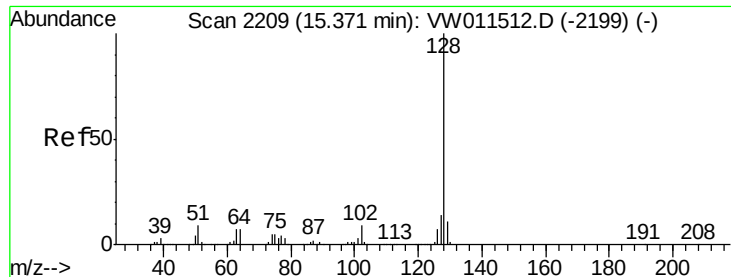
Tgt Ion:180 Resp: 63838
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.4 142.2
 145 30.3 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 19.479 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011637.D
 Acq: 02 Aug 2019 23:58

Tgt Ion:225 Resp: 39640
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.8 92.3
 227 66.2 31.6 94.7

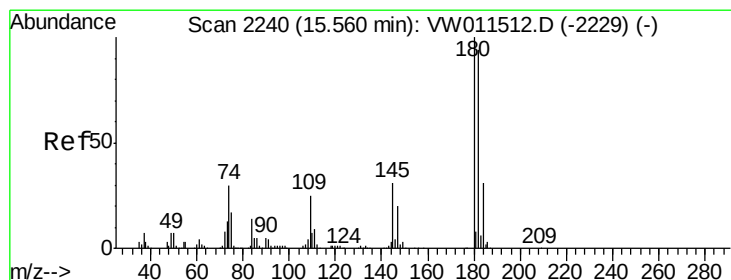
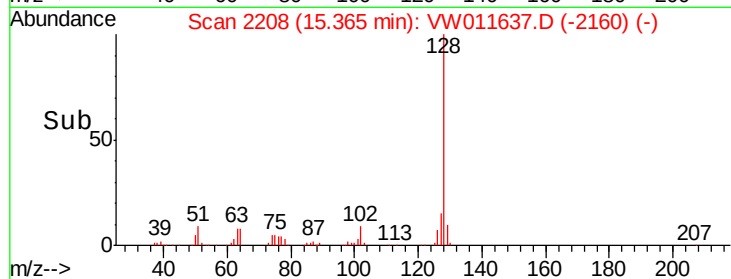
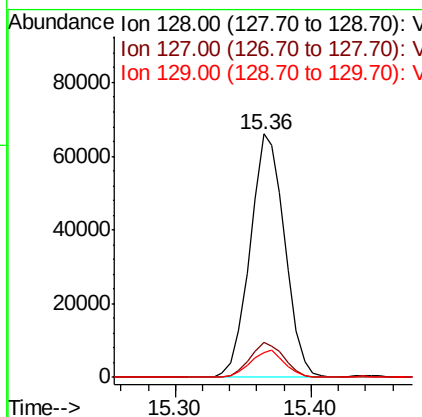
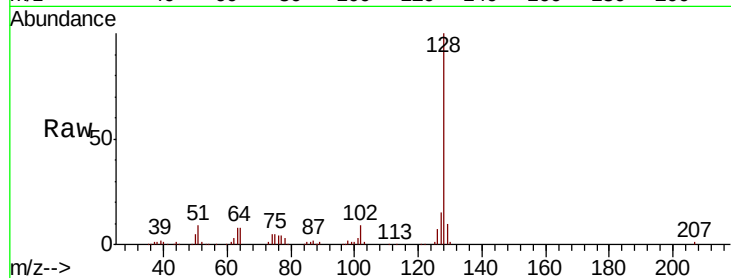




#95
Naphthalene
Concen: 19.700 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

Tgt Ion:128 Resp: 117579
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.944 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011637.D
Acq: 02 Aug 2019 23:58

Tgt Ion:180 Resp: 57050
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.2
145 32.1 15.9 47.7

