

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011023.D
 Acq On : 27 Jun 2019 16:22
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 01:42:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135139	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138280	60.38	ug/l	0.00
Spiked Amount			Recovery	=	120.76%	
35) Dibromofluoromethane	7.88	113	106182	61.66	ug/l	0.00
Spiked Amount			Recovery	=	123.32%	
50) Toluene-d8	10.32	98	448083	59.34	ug/l	0.00
Spiked Amount			Recovery	=	118.68%	
62) 4-Bromofluorobenzene	12.62	95	161998	58.96	ug/l	0.00
Spiked Amount			Recovery	=	117.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	64997	38.502	ug/l	100
3) Chloromethane	2.21	50	84613	34.714	ug/l	100
4) Vinyl Chloride	2.36	62	115569	48.767	ug/l	100
5) Bromomethane	2.77	94	56899	44.312	ug/l	100
6) Chloroethane	2.92	64	62498	44.963	ug/l	100
7) Trichlorofluoromethane	3.25	101	35032	13.098	ug/l	100
8) Diethyl Ether	3.68	74	53772	49.212	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95900	50.809	ug/l	100
10) Methyl Iodide	4.27	142	136448	75.362	ug/l	100
11) Tert butyl alcohol	5.17	59	39554	221.849	ug/l	100
12) 1,1-Dichloroethene	4.04	96	100788	54.428	ug/l	100
13) Acrolein	3.89	56	37290	436.696	ug/l	100
14) Allyl chloride	4.66	41	165743	42.673	ug/l	100
15) Acrylonitrile	5.36	53	137303	255.340	ug/l	100
16) Acetone	4.12	43	147417	250.528	ug/l	100
17) Carbon Disulfide	4.39	76	294468	50.711	ug/l	100
18) Methyl Acetate	4.67	43	67699	51.890	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	144288	29.742	ug/l	100
20) Methylene Chloride	4.92	84	107361	51.022	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	103405	50.229	ug/l	100
22) Diisopropyl ether	6.31	45	395491	49.519	ug/l	100
23) Vinyl Acetate	6.25	43	1260754	259.474	ug/l	100
24) 1,1-Dichloroethane	6.21	63	206160	51.058	ug/l	100
25) 2-Butanone	7.17	43	217974	263.121	ug/l	100
26) 2,2-Dichloropropane	7.17	77	101797	33.234	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	111554	49.325	ug/l	100
28) Bromochloromethane	7.51	49	108965	58.950	ug/l	100
29) Tetrahydrofuran	7.53	42	135576	258.295	ug/l	100
30) Chloroform	7.67	83	187828	50.886	ug/l	100
31) Cyclohexane	7.95	56	212362	47.554	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	141556	45.000	ug/l	100
36) 1,1-Dichloropropene	8.08	75	158139	50.127	ug/l	100
37) Ethyl Acetate	7.25	43	92725	52.294	ug/l	100
38) Carbon Tetrachloride	8.07	117	131945	48.918	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	193740	48.692	ug/l	100
40) Benzene	8.32	78	436120	50.575	ug/l	100
41) Methacrylonitrile	7.48	41	57257	54.063	ug/l	100
42) 1,2-Dichloroethane	8.40	62	141276	51.431	ug/l	100
43) Isopropyl Acetate	8.42	43	174913	51.406	ug/l	100
44) Trichloroethene	9.09	130	104980	49.537	ug/l	100
45) 1,2-Dichloropropane	9.37	63	117940	51.548	ug/l	100
46) Dibromomethane	9.45	93	55107	51.735	ug/l	100
47) Bromodichloromethane	9.64	83	137482	50.228	ug/l	100
48) Methyl methacrylate	9.43	41	85734	52.250	ug/l	100
49) 1,4-Dioxane	9.45	88	19203	1118.906	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	462792	264.213	ug/l	100
52) Toluene	10.38	92	269219	50.810	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	145985	50.397	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	174131	50.951	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79203	51.690	ug/l	100
56) Ethyl methacrylate	10.65	69	118822	50.623	ug/l	100
57) 1,3-Dichloropropane	10.93	76	147365	51.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	281968	230.624	ug/l	100
59) 2-Hexanone	10.97	43	330316	262.336	ug/l	100
60) Dibromochloromethane	11.13	129	82729	49.296	ug/l	100
61) 1,2-Dibromoethane	11.23	107	72989	50.461	ug/l	100
64) Tetrachloroethene	10.86	164	90708	49.966	ug/l	100
65) Chlorobenzene	11.66	112	269433	50.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	91772	49.491	ug/l	100
67) Ethyl Benzene	11.73	91	516051	49.830	ug/l	100
68) m/p-Xylenes	11.84	106	377211	101.425	ug/l	100
69) o-Xylene	12.16	106	176415	50.158	ug/l	100
70) Styrene	12.18	104	308857	50.518	ug/l	100
71) Bromoform	12.35	173	45948	48.089	ug/l #	100
73) Isopropylbenzene	12.46	105	487613	48.173	ug/l	100
74) N-amyl acetate	12.27	43	169341	51.002	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	95309	49.084	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	125604	88.165	ug/l #	100
77) Bromobenzene	12.74	156	105890	47.961	ug/l	100
78) n-propylbenzene	12.80	91	609046	49.630	ug/l	100
79) 2-Chlorotoluene	12.89	91	345451	49.276	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	416941	49.945	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	29836	48.515	ug/l	100
82) 4-Chlorotoluene	12.99	91	357991	49.405	ug/l	100
83) tert-Butylbenzene	13.21	119	345072	48.919	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	417783	49.738	ug/l	100
85) sec-Butylbenzene	13.38	105	501155	48.833	ug/l	100
86) p-Isopropyltoluene	13.50	119	449264	48.903	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	210095	49.157	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	206497	48.601	ug/l	100
89) n-Butylbenzene	13.82	91	459795	50.023	ug/l	100
90) Hexachloroethane	14.10	117	78049	47.883	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	189400	49.050	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16574	49.441	ug/l	100

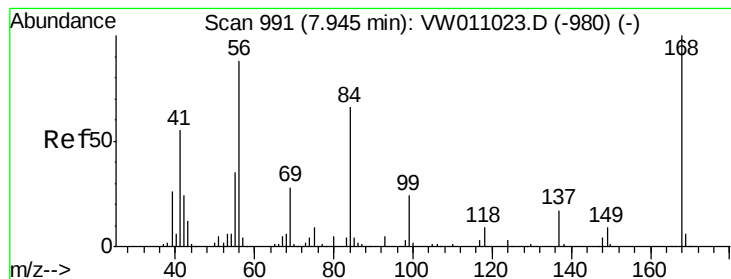
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	136954	50.573	ug/l	100
94) Hexachlorobutadiene	15.24	225	81214	48.111	ug/l	100
95) Naphthalene	15.37	128	264648	53.177	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	120943	52.197	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

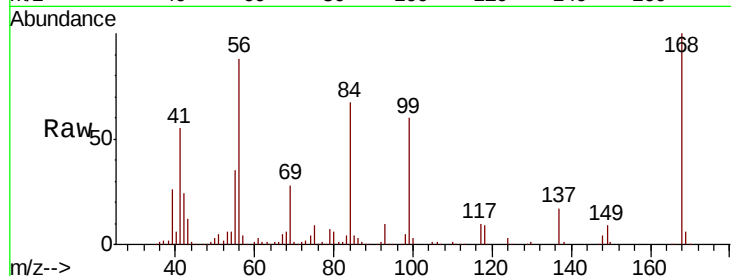
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 185943

Ion Ratio Lower Upper

168 100

99 59.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

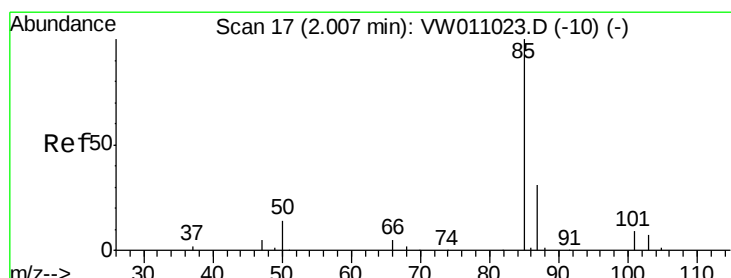
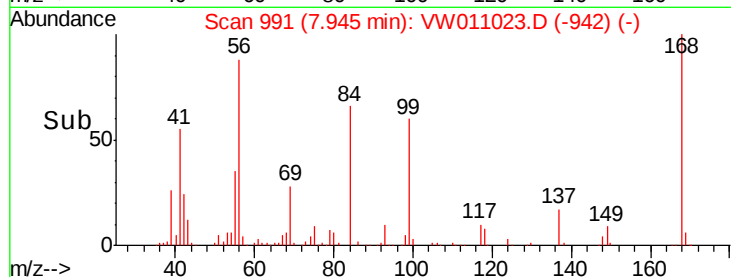
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 38.502 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011023.D

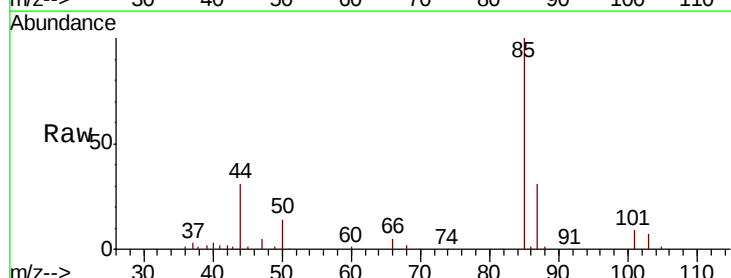
Acq: 27 Jun 2019 16:22

Tgt Ion: 85 Resp: 64997

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

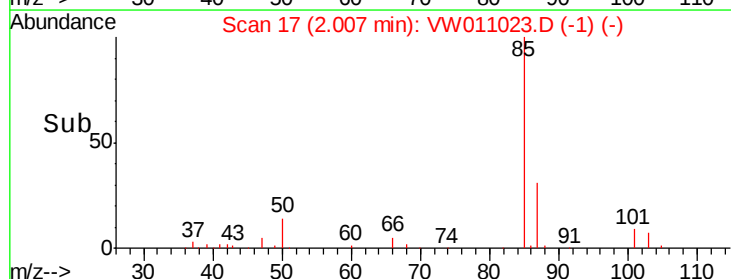
15000

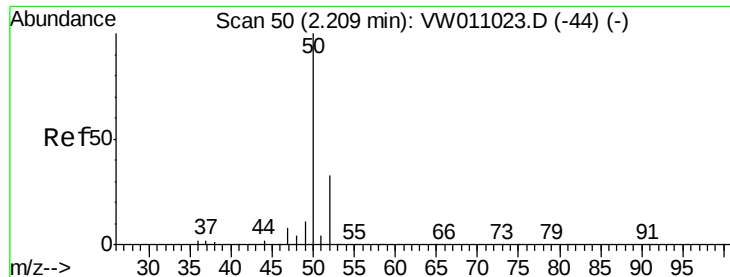
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 34.714 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

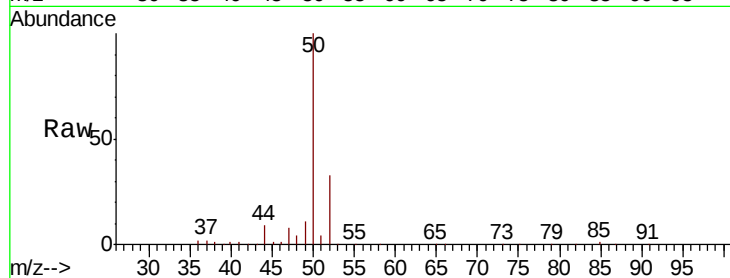
ClientSampleId :

Tot Ion: 50 Resp: 84613

Ion Ratio Lower Upper

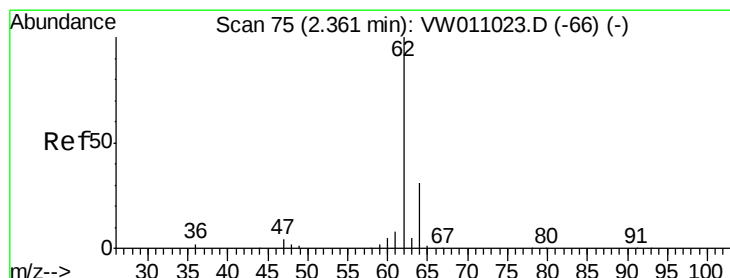
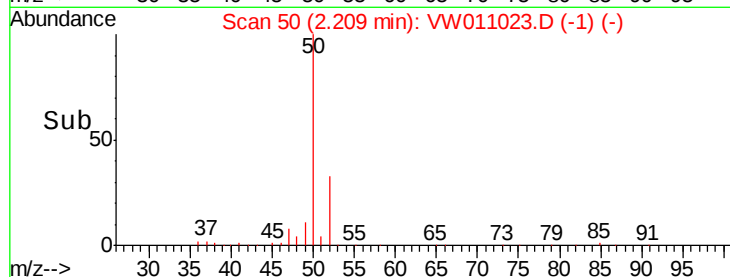
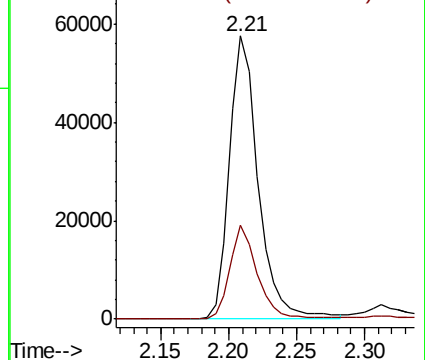
50 100

52 33.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 48.767 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011023.D

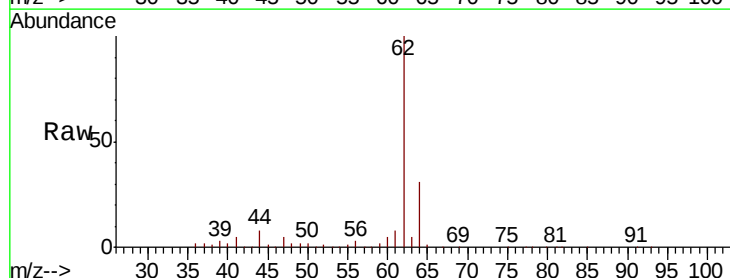
Acq: 27 Jun 2019 16:22

Tgt Ion: 62 Resp: 115569

Ion Ratio Lower Upper

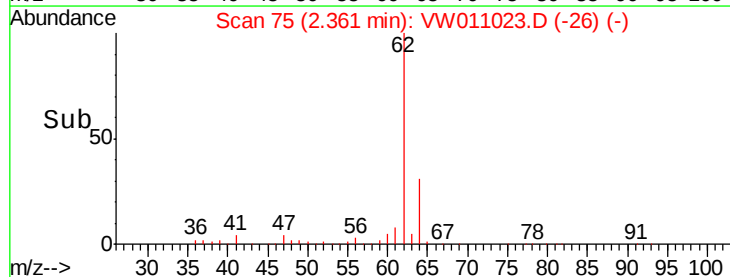
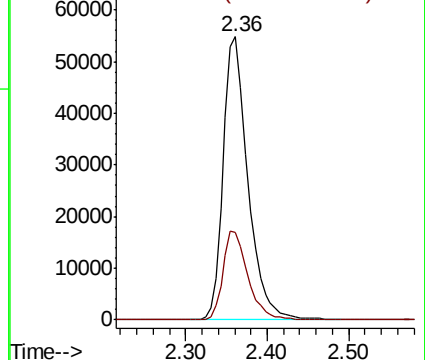
62 100

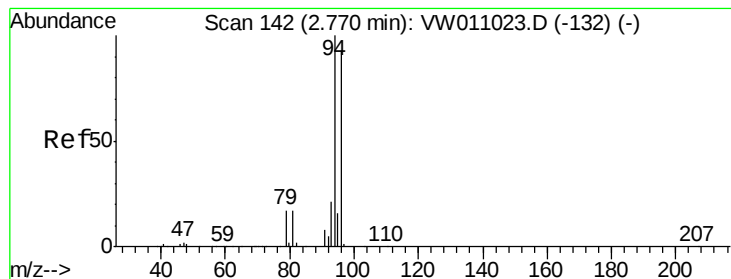
64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 44.312 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

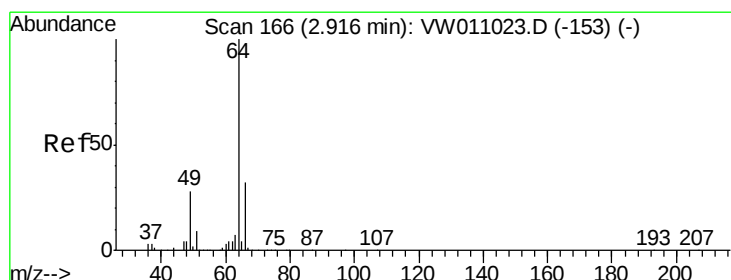
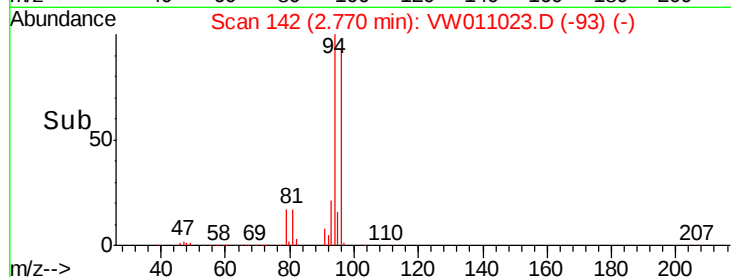
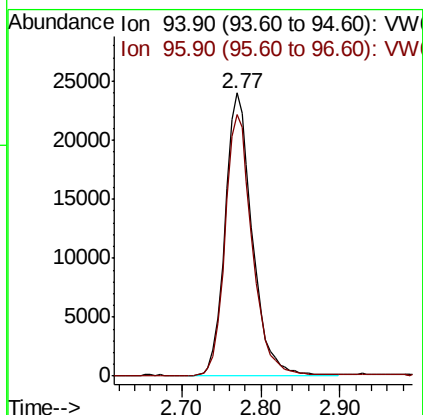
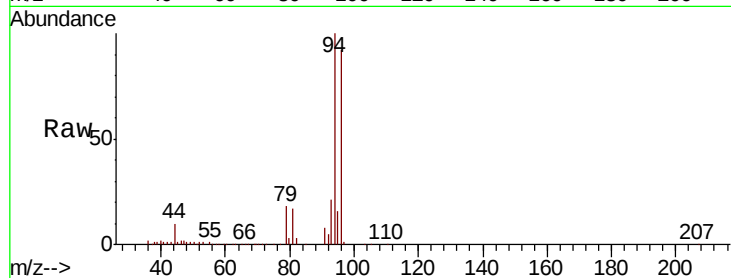
ClientSampled :

Tot Ion: 94 Resp: 56899

Ion Ratio Lower Upper

94 100

96 92.7 74.2 111.2



#6

Chloroethane

Concen: 44.963 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011023.D

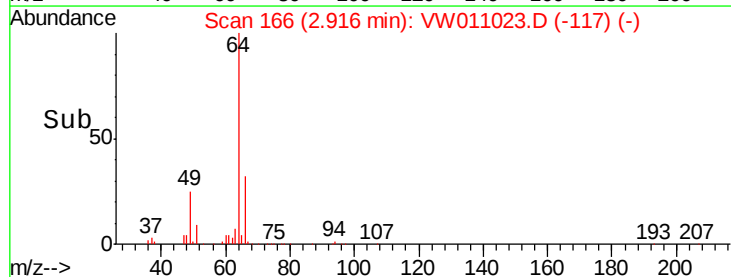
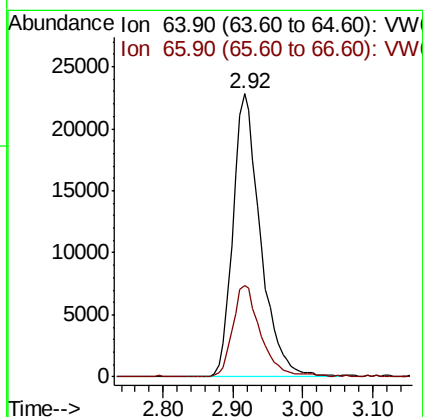
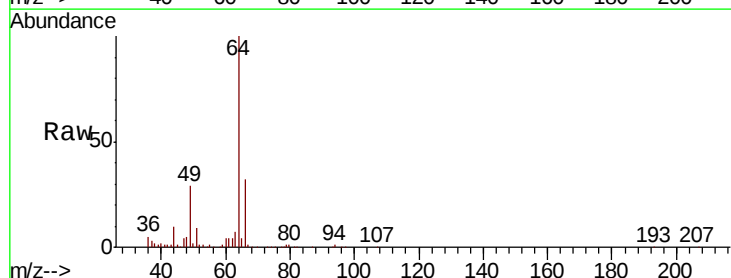
Acq: 27 Jun 2019 16:22

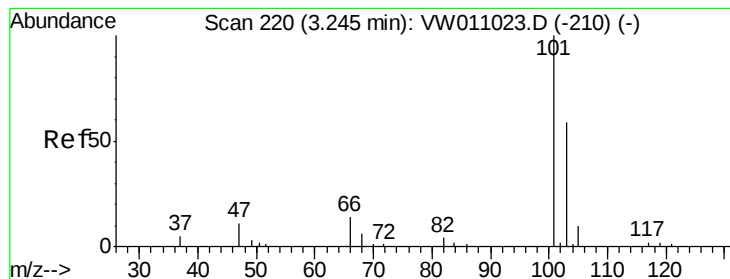
Tgt Ion: 64 Resp: 62498

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



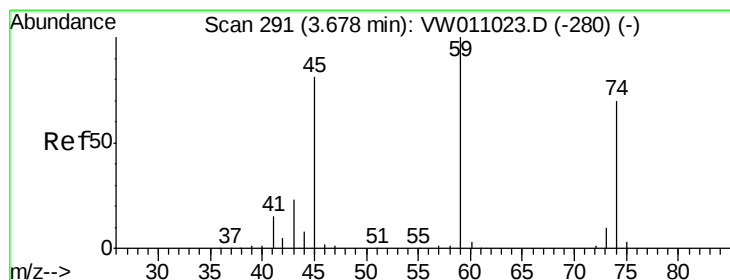
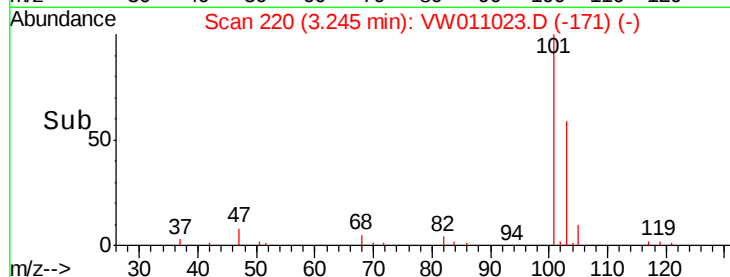
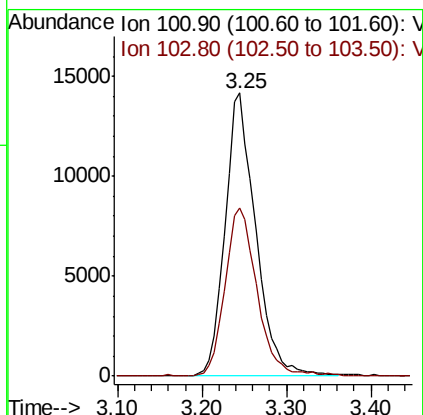
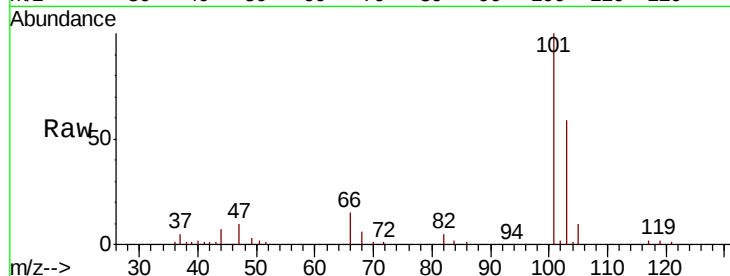


#7

Trichlorofluoromethane
 Concen: 13.098 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :

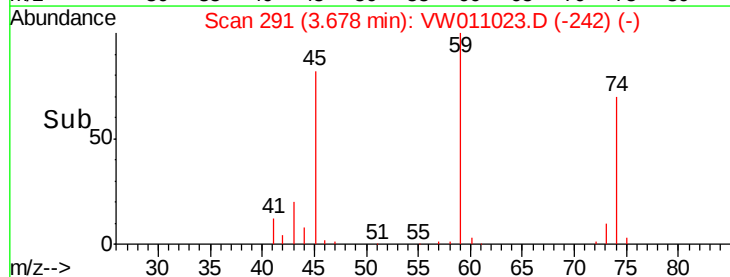
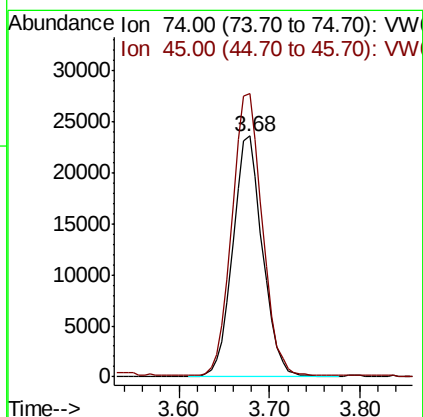
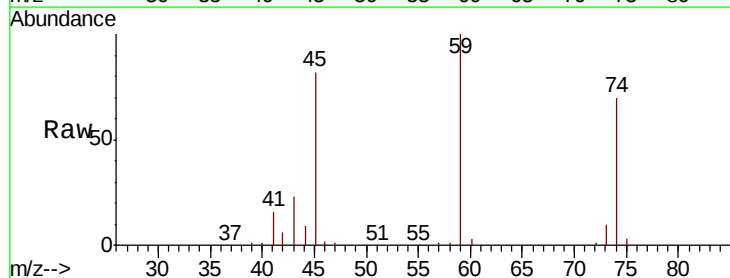
Tot Ion:101 Resp: 35032
 Ion Ratio Lower Upper
 101 100
 103 59.4 47.5 71.3

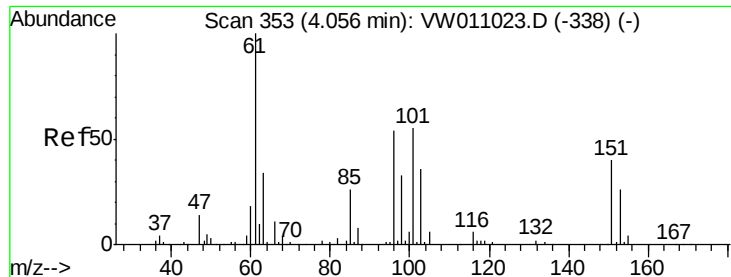


#8

Diethyl Ether
 Concen: 49.212 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion: 74 Resp: 53772
 Ion Ratio Lower Upper
 74 100
 45 119.0 59.5 178.5

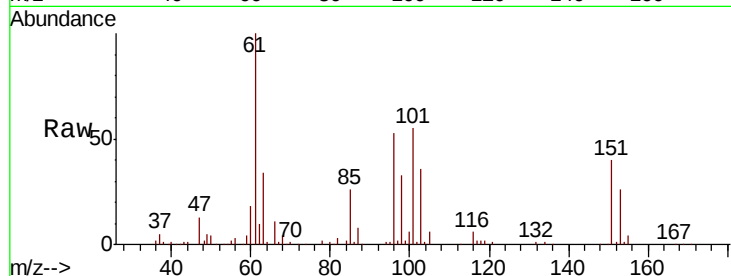




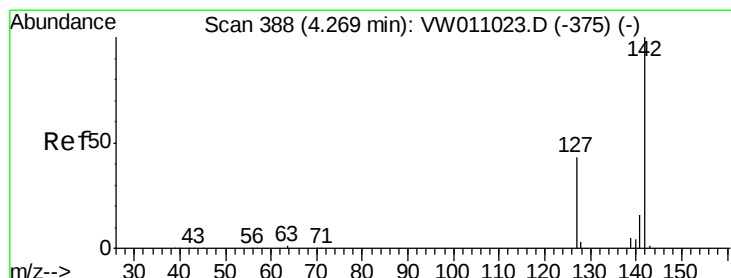
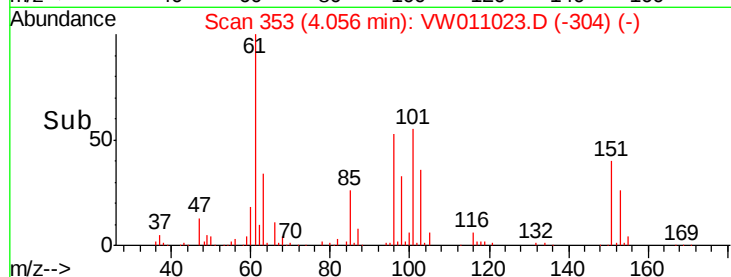
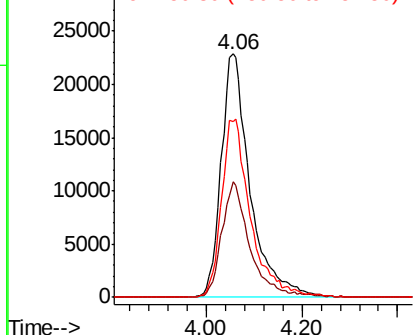
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.809 ug/l
RT: 4.06 min Scan# 353
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:101 Resp: 95900
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 73.6 58.9 88.3

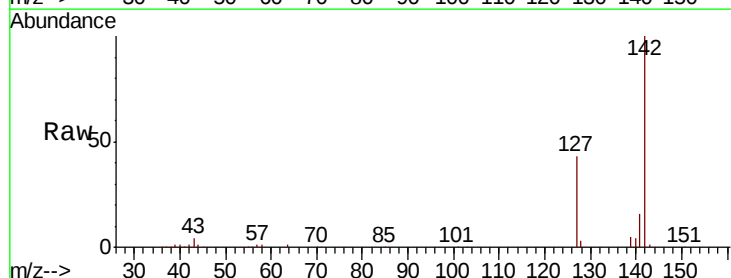


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

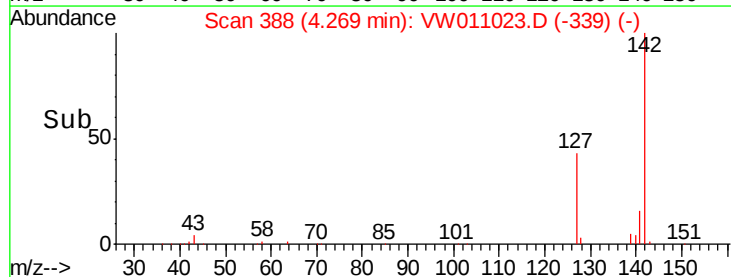
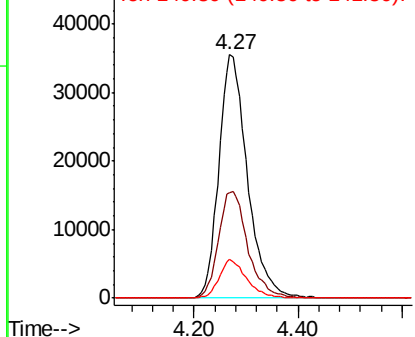


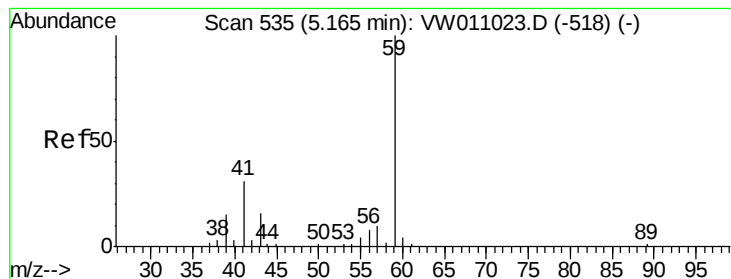
#10
Methyl Iodide
Concen: 75.362 ug/l
RT: 4.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:142 Resp: 136448
Ion Ratio Lower Upper
142 100
127 44.8 35.8 53.8
141 15.2 12.2 18.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



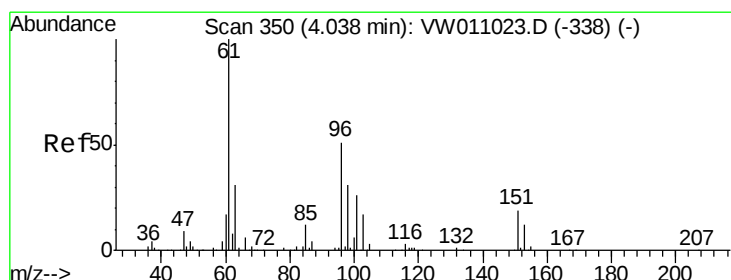
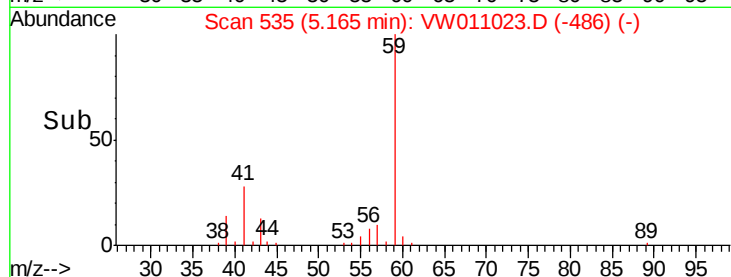
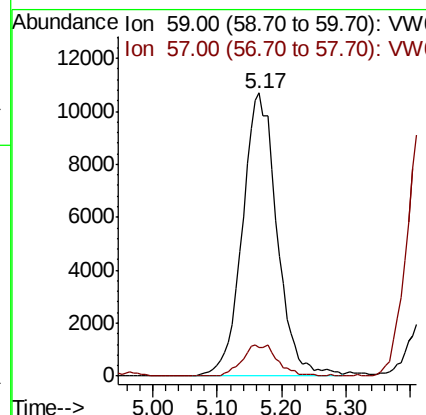
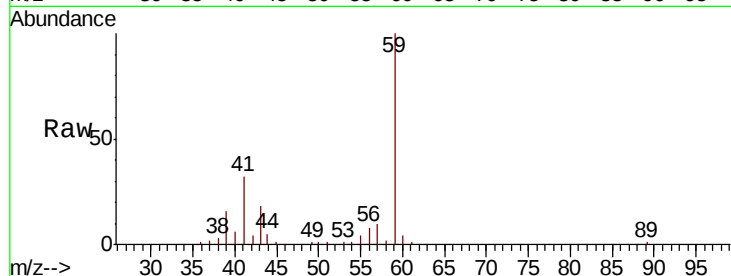


#11

Tert butyl alcohol
Concen: 221.849 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :

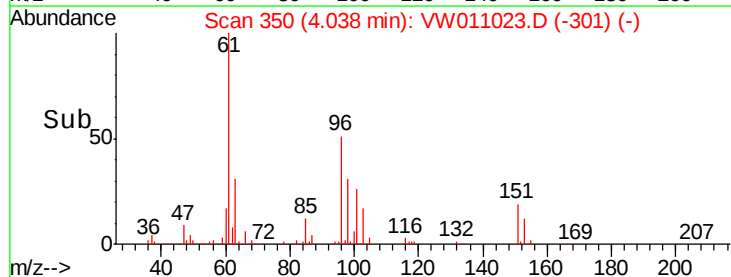
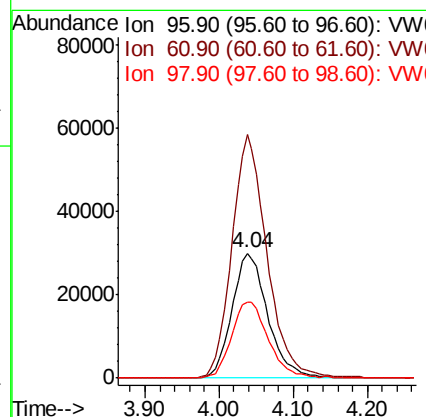
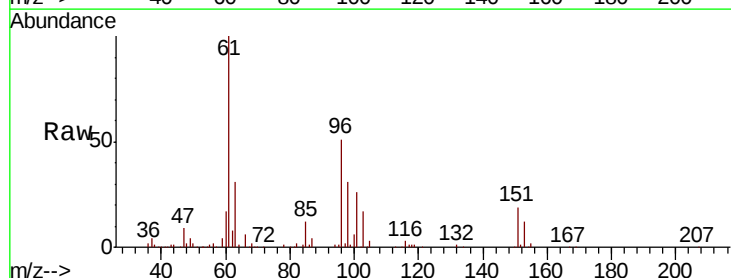
Tot Ion: 59 Resp: 39554
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4

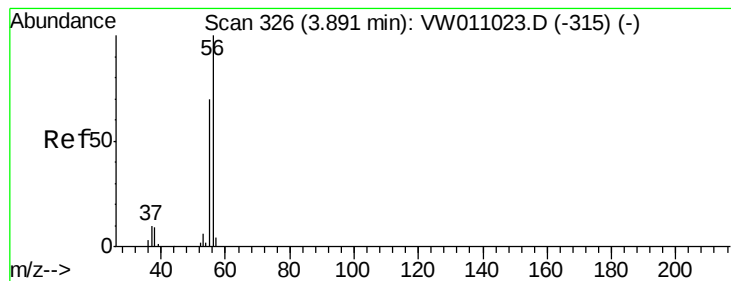


#12

1,1-Dichloroethene
Concen: 54.428 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 96 Resp: 100788
Ion Ratio Lower Upper
96 100
61 195.0 156.0 234.0
98 60.9 48.7 73.1





#13

Acrolein

Concen: 436.696 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

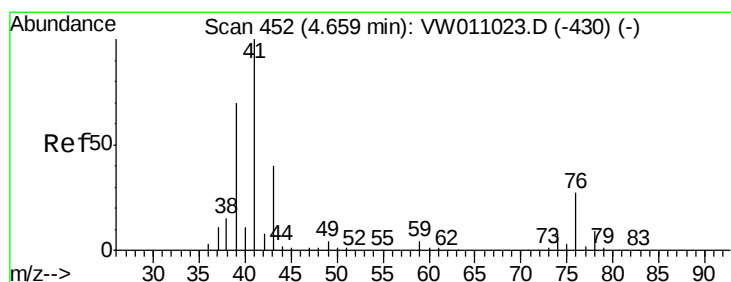
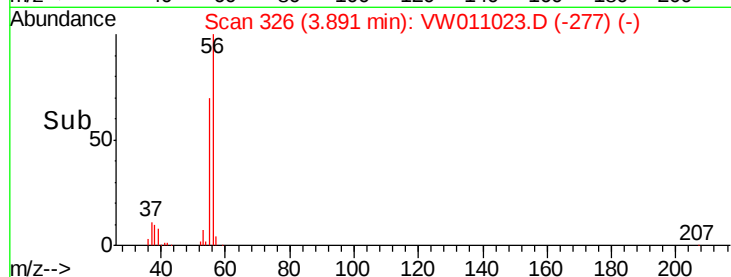
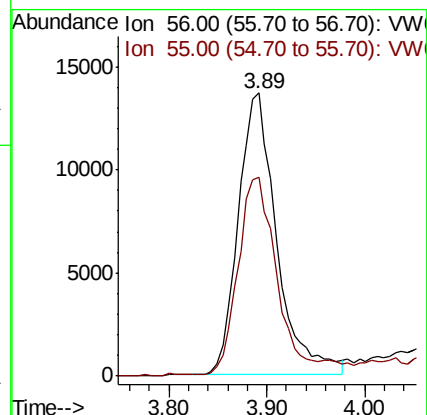
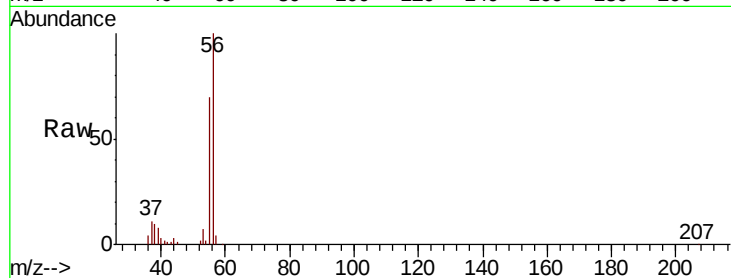
ClientSampleId :

Tot Ion: 56 Resp: 37290

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 42.673 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

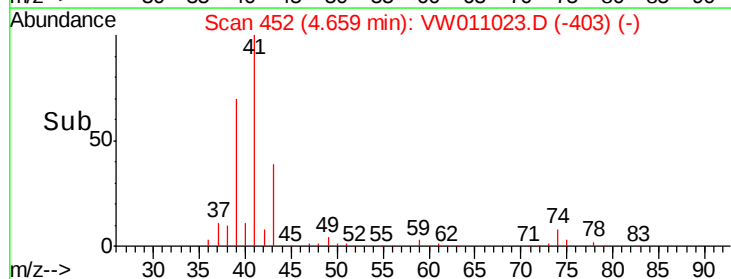
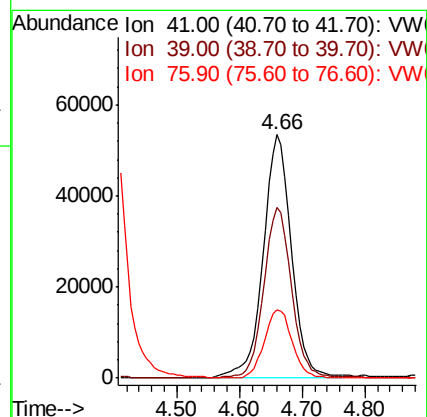
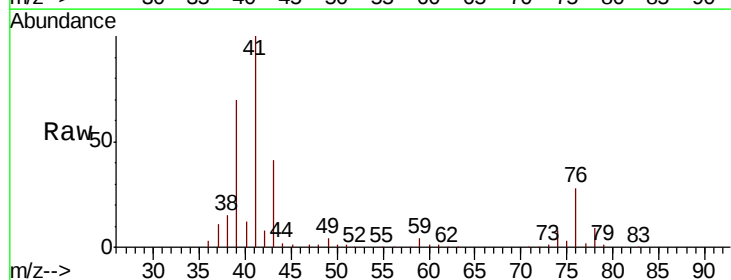
Tgt Ion: 41 Resp: 165743

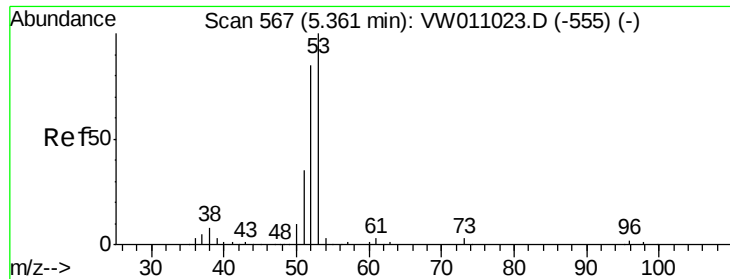
Ion Ratio Lower Upper

41 100

39 69.3 55.4 83.2

76 27.5 22.0 33.0





#15

Acrylonitrile

Concen: 255.340 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampled :

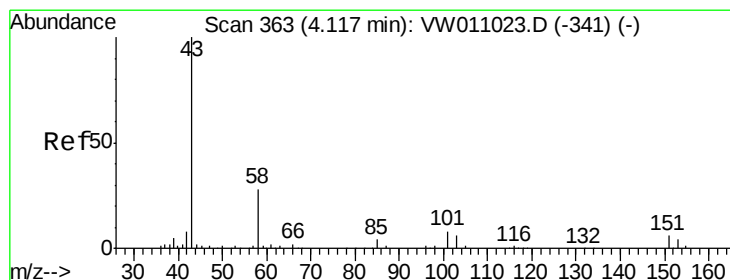
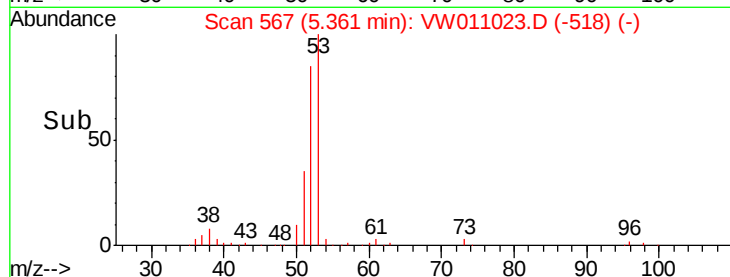
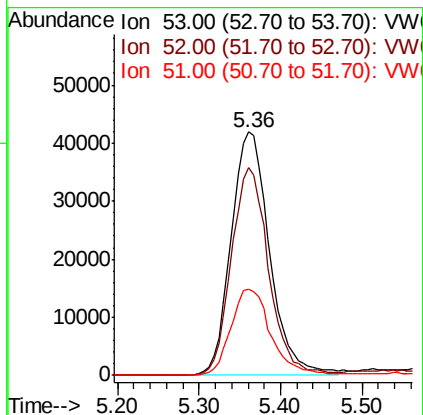
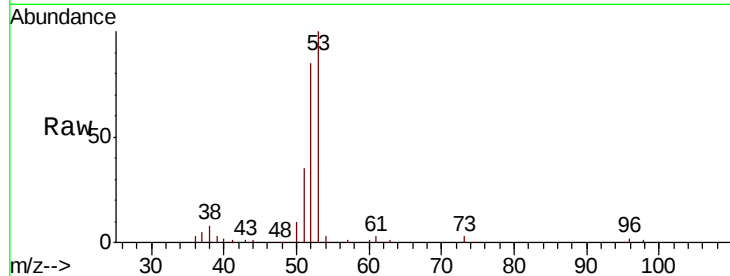
Tot Ion: 53 Resp: 137303

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 37.2 29.8 44.6



#16

Acetone

Concen: 250.528 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011023.D

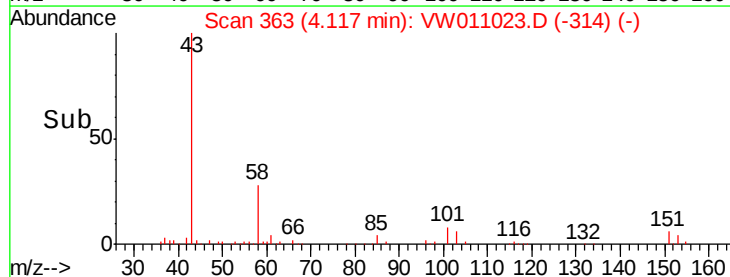
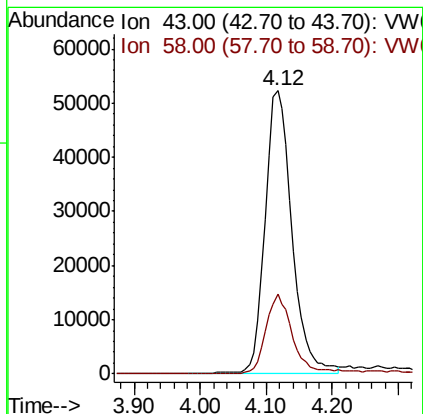
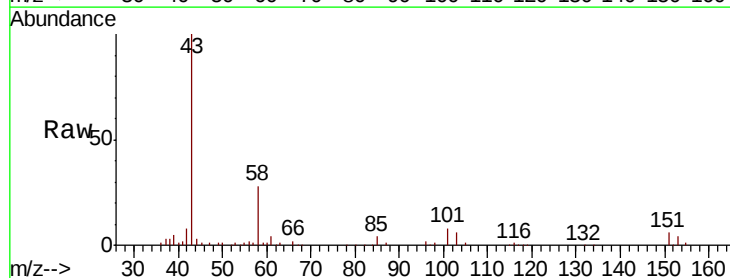
Acq: 27 Jun 2019 16:22

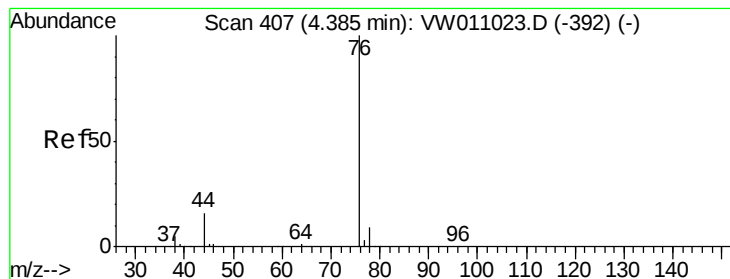
Tgt Ion: 43 Resp: 147417

Ion Ratio Lower Upper

43 100

58 28.1 22.5 33.7





#17

Carbon Disulfide

Concen: 50.711 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

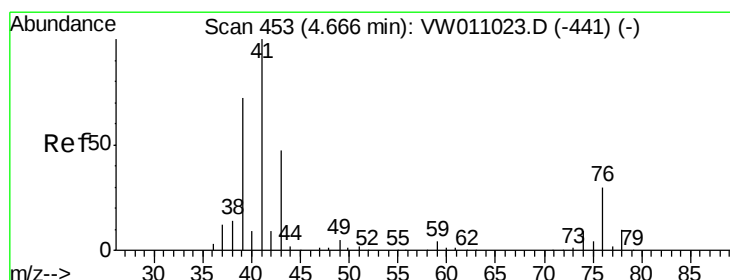
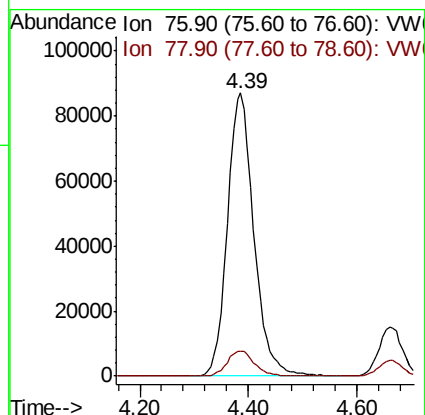
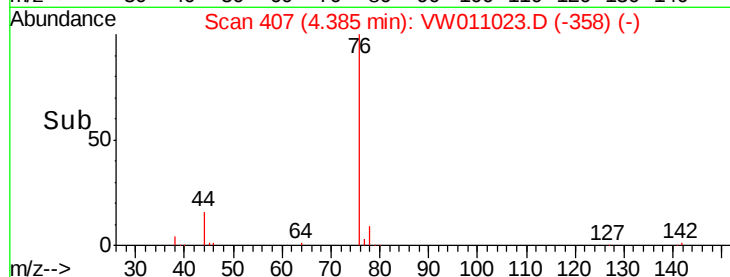
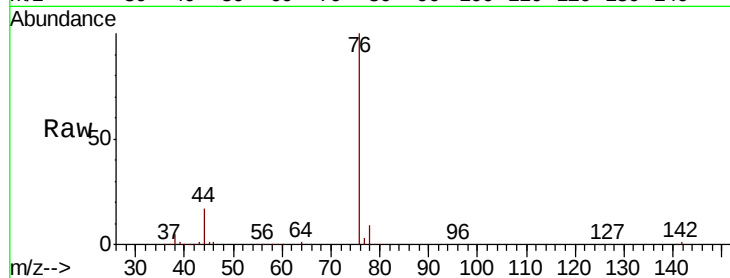
ClientSampleId :

Tot Ion: 76 Resp: 294468

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 51.890 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011023.D

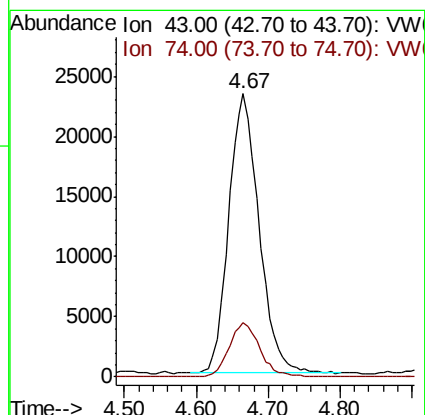
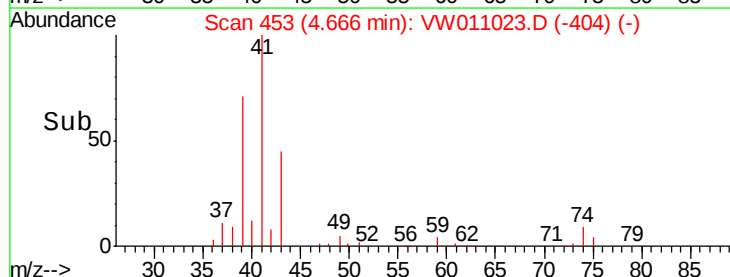
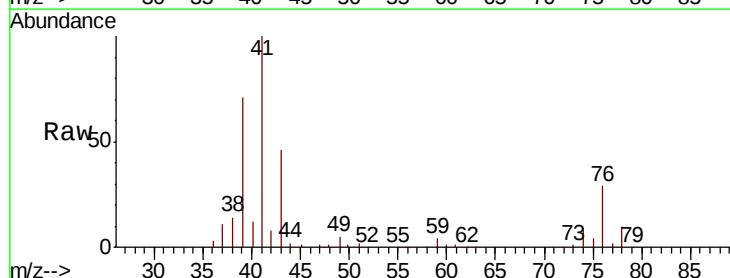
Acq: 27 Jun 2019 16:22

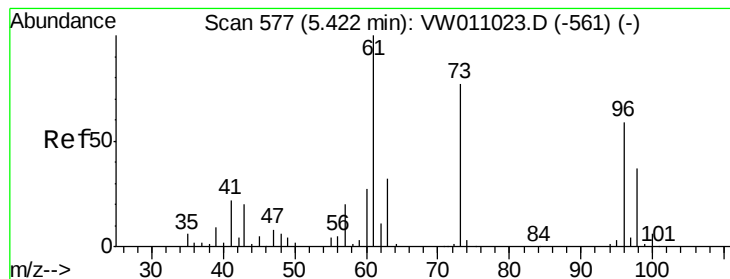
Tgt Ion: 43 Resp: 67699

Ion Ratio Lower Upper

43 100

74 19.8 15.8 23.8



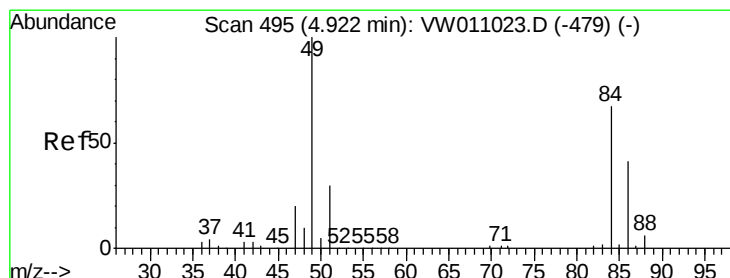
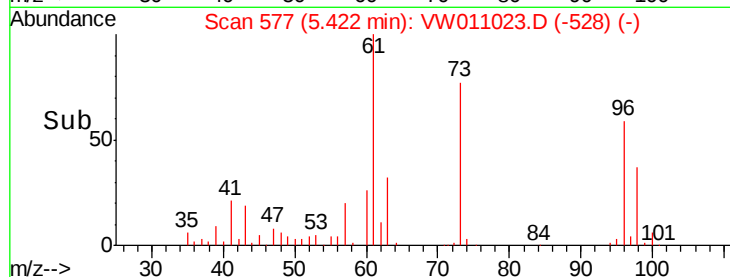
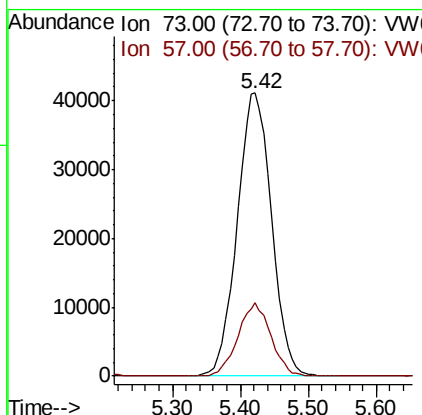
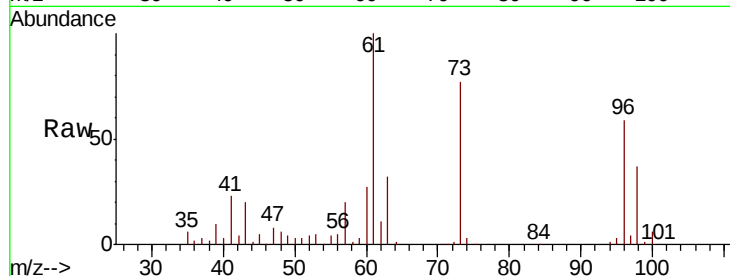


#19

Methyl tert-butyl Ether
 Concen: 29.742 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampled :

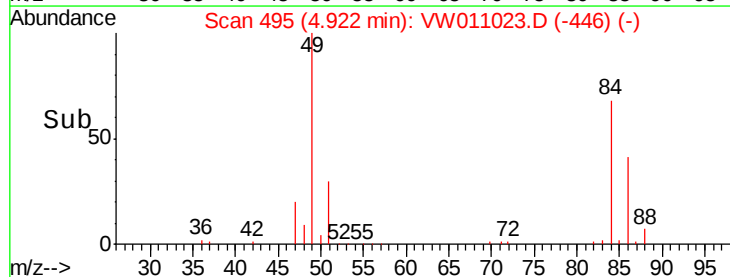
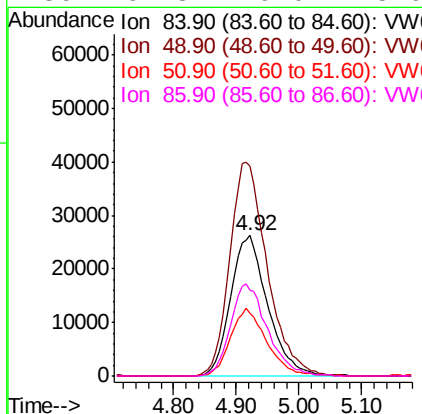
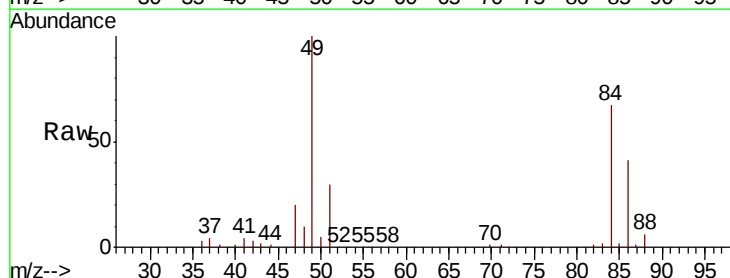
Tot Ion: 73 Resp: 144288
 Ion Ratio Lower Upper
 73 100
 57 26.0 20.8 31.2

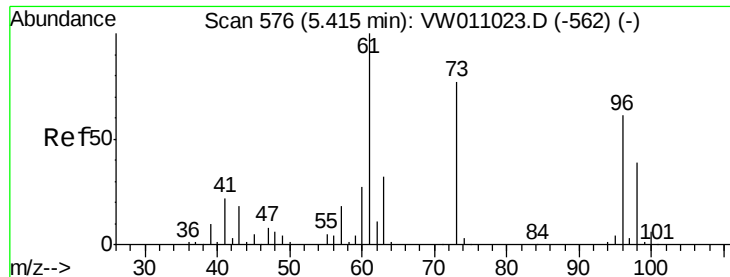


#20

Methylene Chloride
 Concen: 51.022 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion: 84 Resp: 107361
 Ion Ratio Lower Upper
 84 100
 49 149.5 119.6 179.4
 51 44.5 35.6 53.4
 86 61.3 49.0 73.6

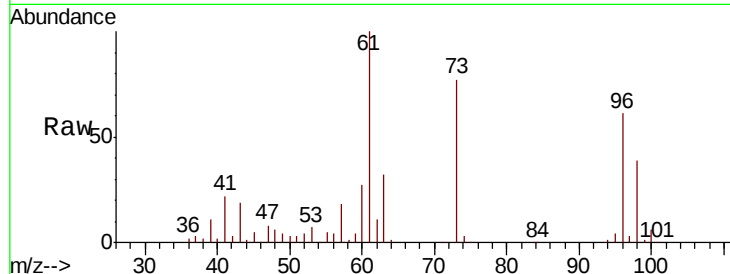




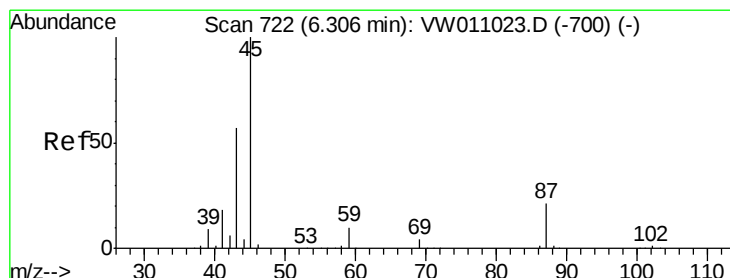
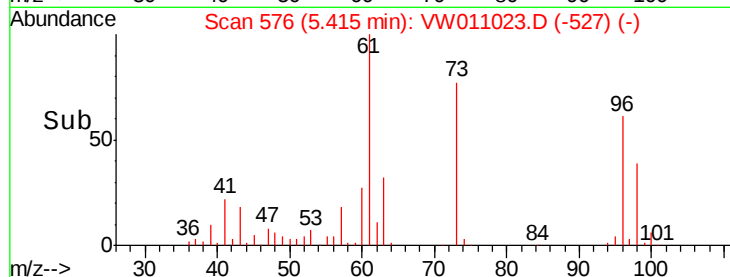
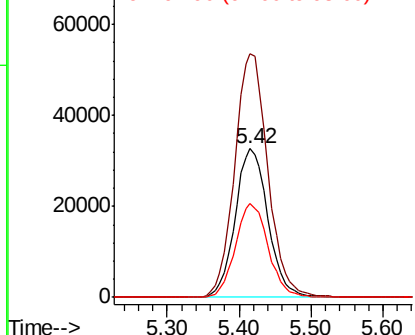
#21
trans-1,2-Dichloroethene
Concen: 50.229 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 103405
Ion Ratio Lower Upper
96 100
61 163.7 131.0 196.4
98 63.5 50.8 76.2

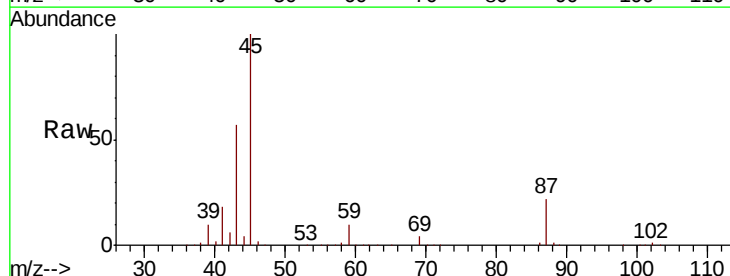


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

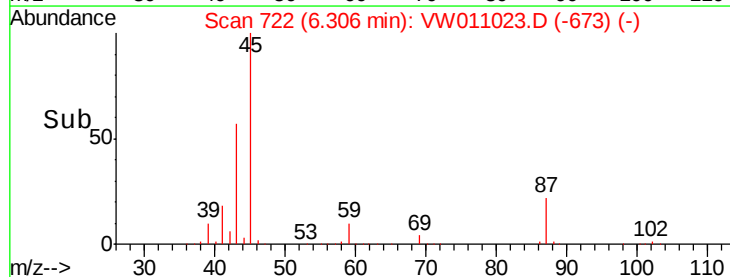
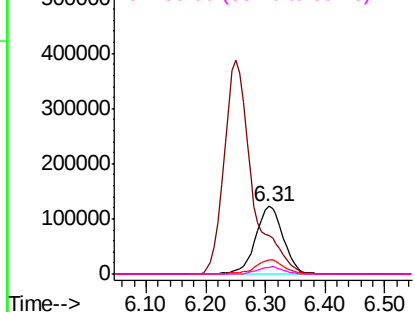


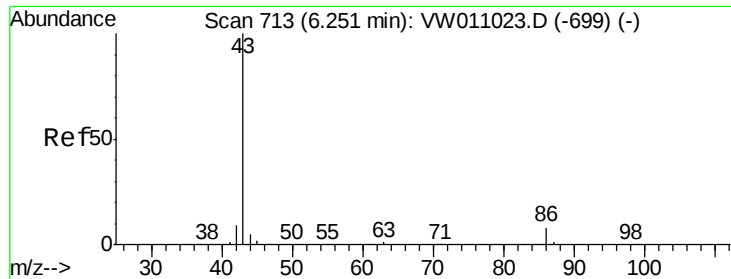
#22
Diisopropyl ether
Concen: 49.519 ug/l
RT: 6.31 min Scan# 722
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 45 Resp: 395491
Ion Ratio Lower Upper
45 100
43 57.2 45.8 68.6
87 21.4 17.1 25.7
59 10.3 8.2 12.4



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: 259.474 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

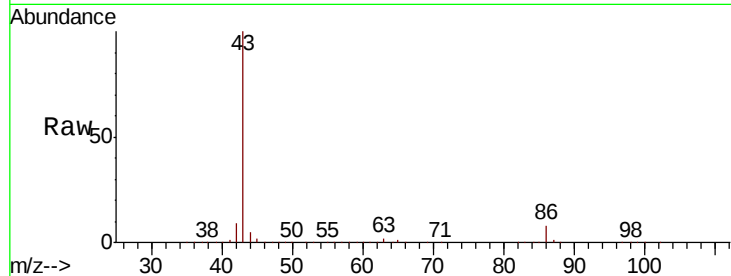
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1260754

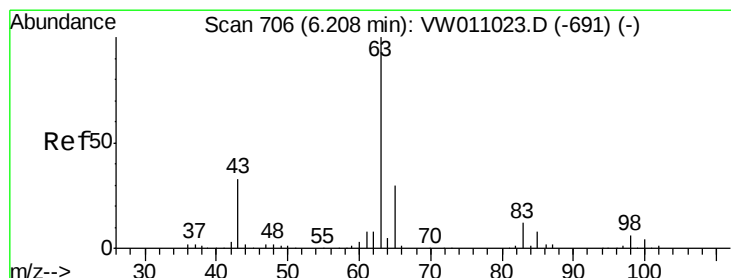
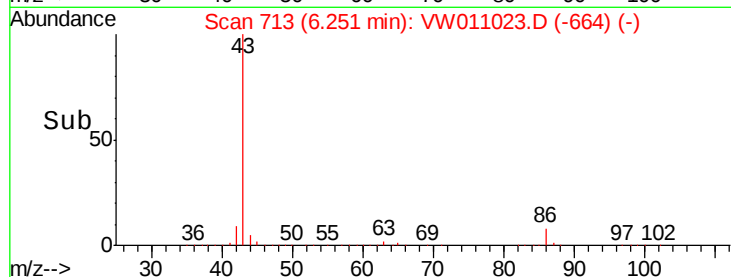
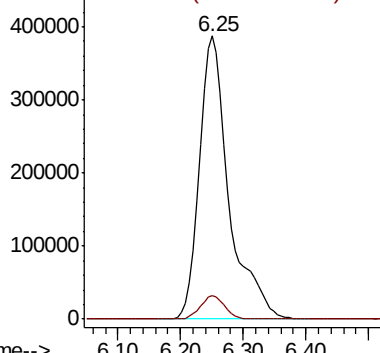
Ion Ratio Lower Upper

43 100

86 8.3 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.058 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

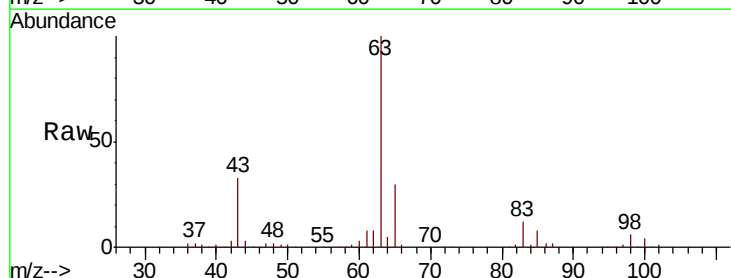
Tgt Ion: 63 Resp: 206160

Ion Ratio Lower Upper

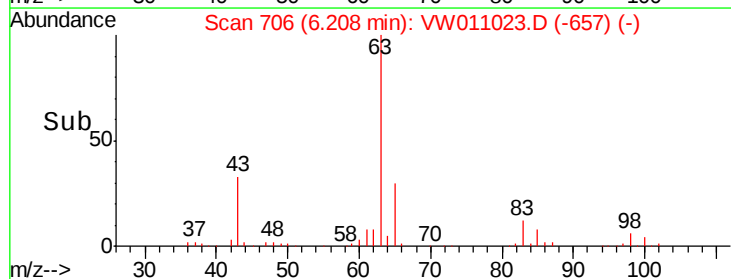
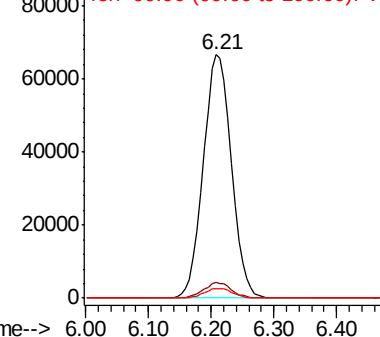
63 100

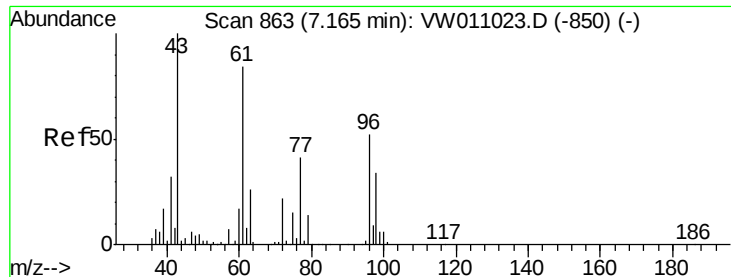
98 6.3 3.1 9.4

100 4.1 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW

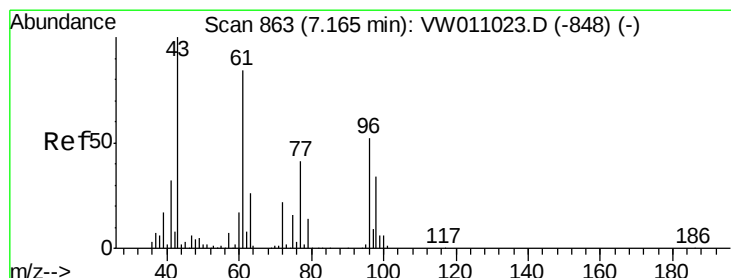
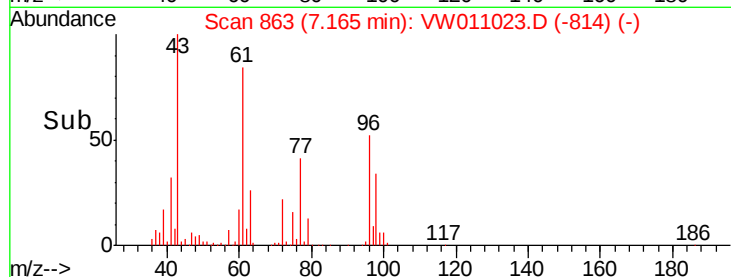
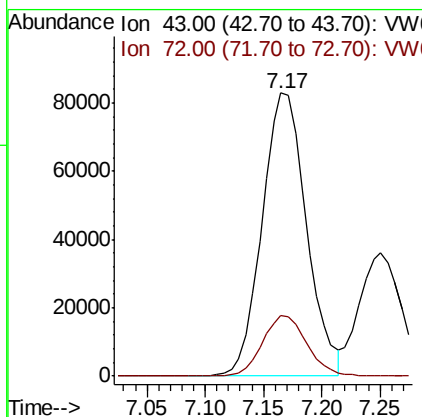
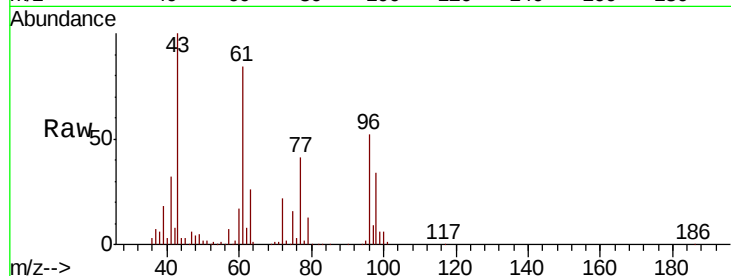




#25
2-Butanone
Concen: 263.121 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

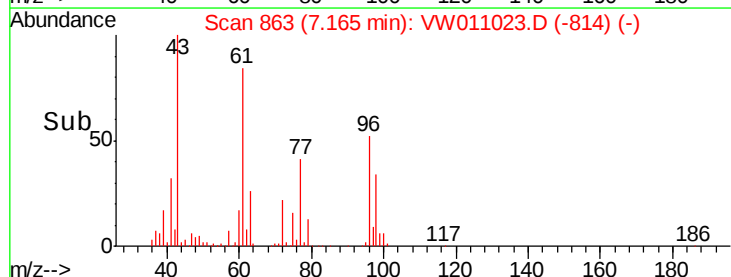
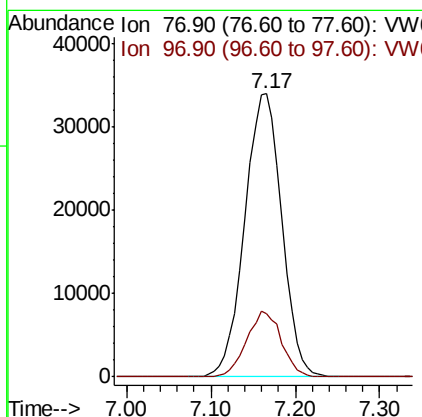
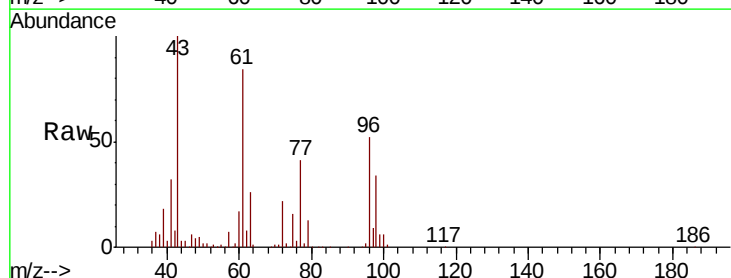
Instrument :
MSVOA_W
ClientSampled :

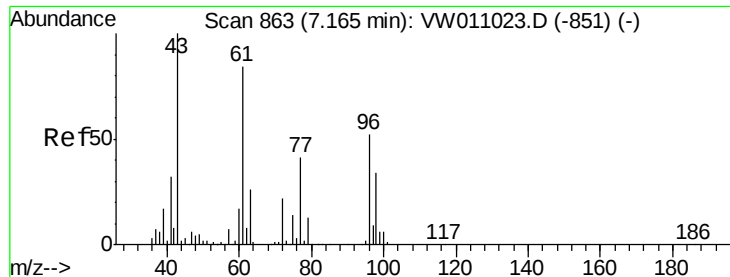
Tot Ion: 43 Resp: 217974
Ion Ratio Lower Upper
43 100
72 21.5 17.2 25.8



#26
2,2-Dichloropropane
Concen: 33.234 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 77 Resp: 101797
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7



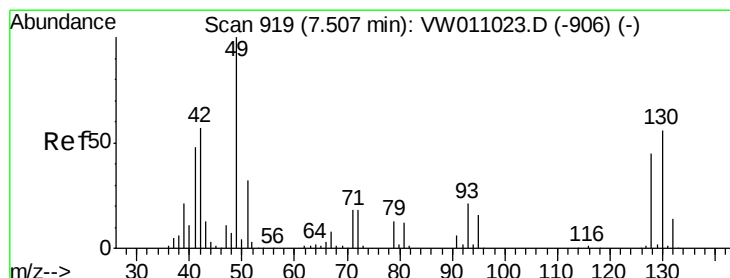
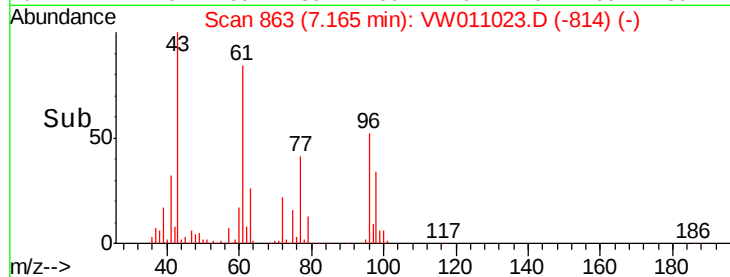
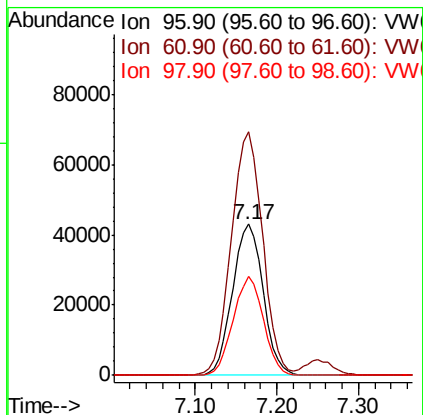
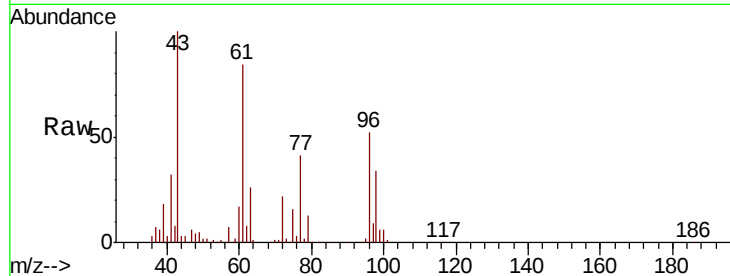


#27

cis-1,2-Dichloroethene
Concen: 49.325 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampled :

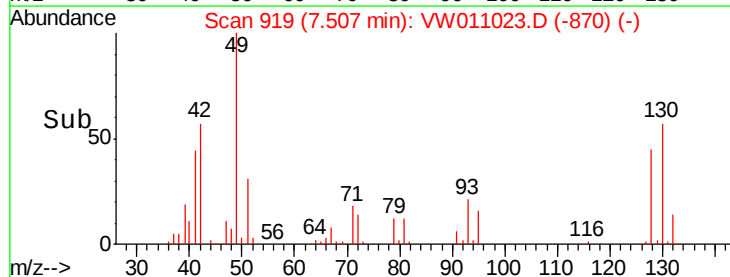
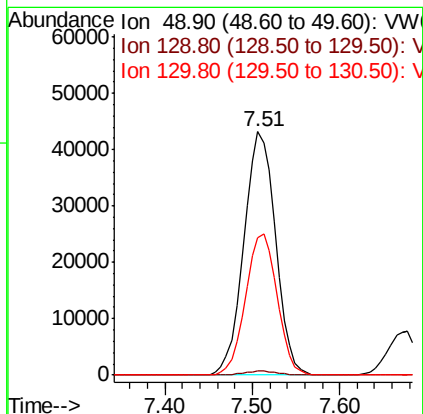
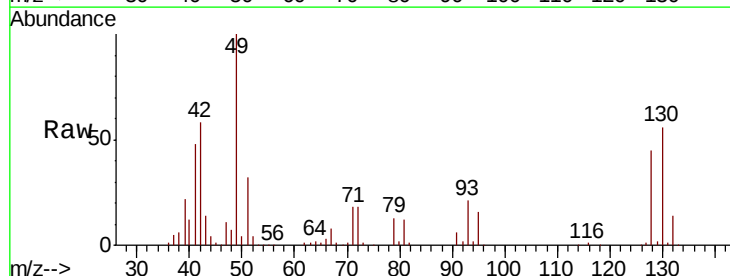
Tot Ion	96	Resp	111554
Ion	Ratio	Lower	Upper
96	100		
61	165.2	0.0	330.4
98	64.7	0.0	129.4

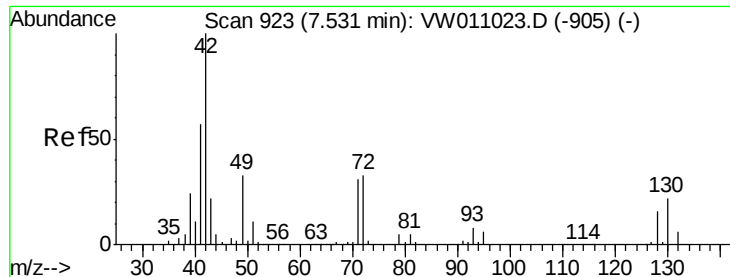


#28

Bromochloromethane
Concen: 58.950 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	49	Resp	108965
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	57.6	46.1	69.1





#29

Tetrahydrofuran

Concen: 258.295 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

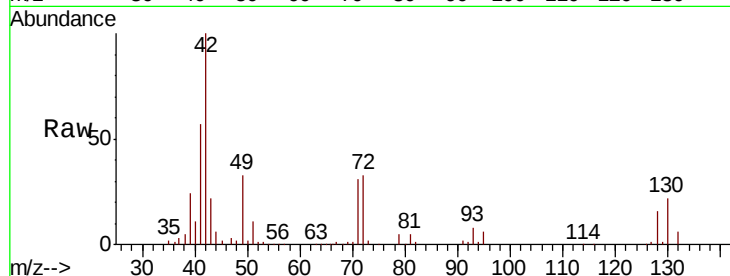
Tot Ion: 42 Resp: 135576

Ion Ratio Lower Upper

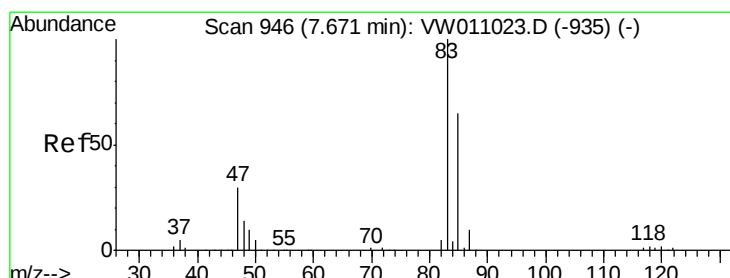
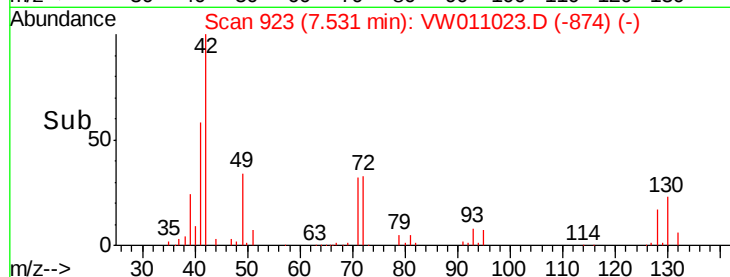
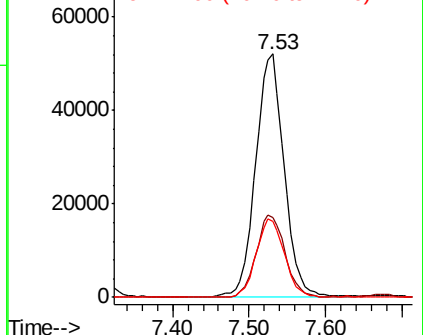
42 100

72 34.2 27.4 41.0

71 32.0 25.6 38.4



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



#30

Chloroform

Concen: 50.886 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW011023.D

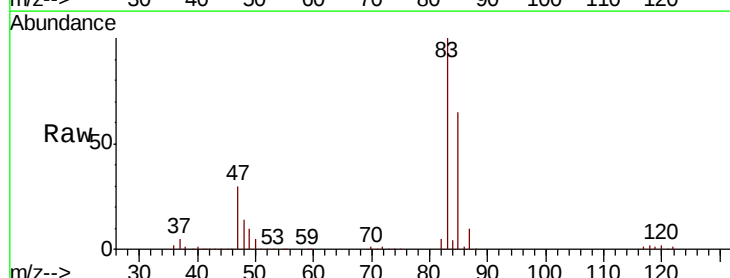
Acq: 27 Jun 2019 16:22

Tgt Ion: 83 Resp: 187828

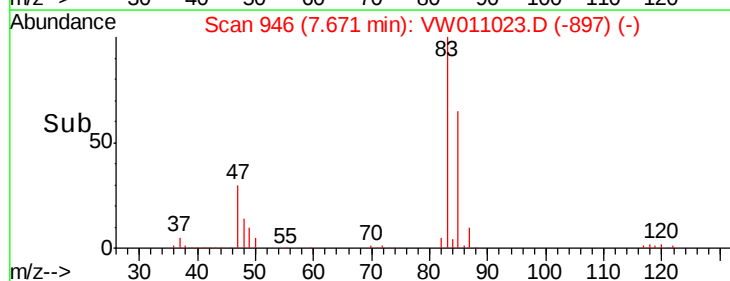
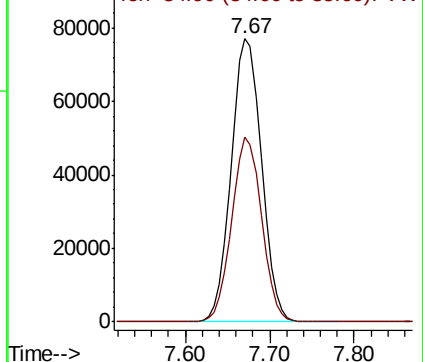
Ion Ratio Lower Upper

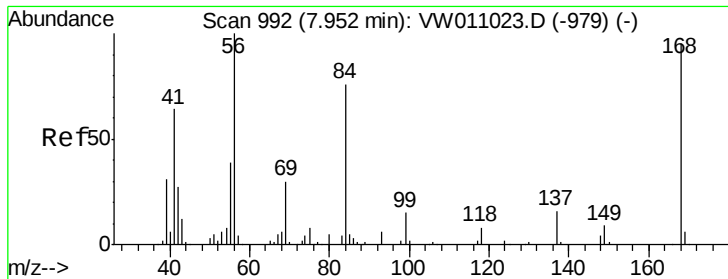
83 100

85 65.3 52.2 78.4



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

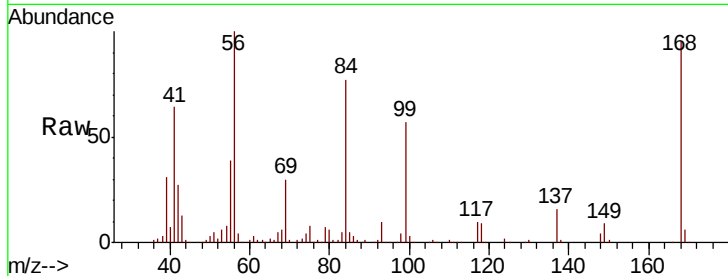




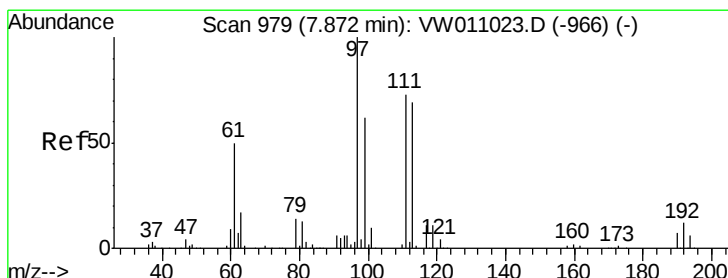
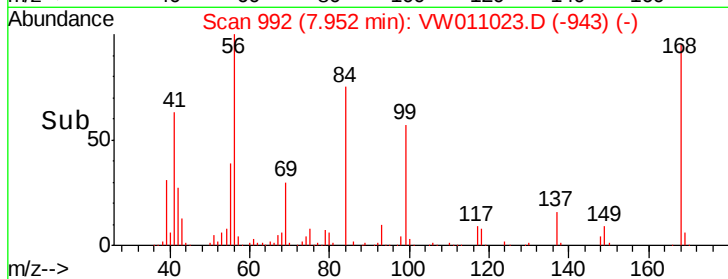
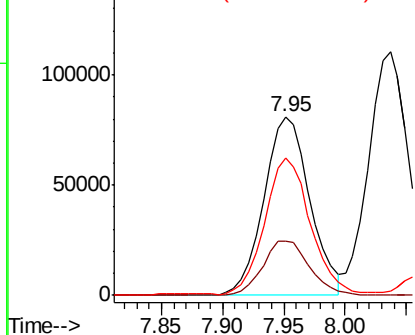
#31
Cyclohexane
Concen: 47.554 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 212362
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 75.7 60.6 90.8

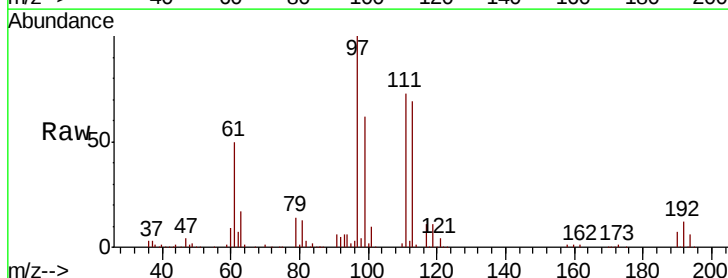


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

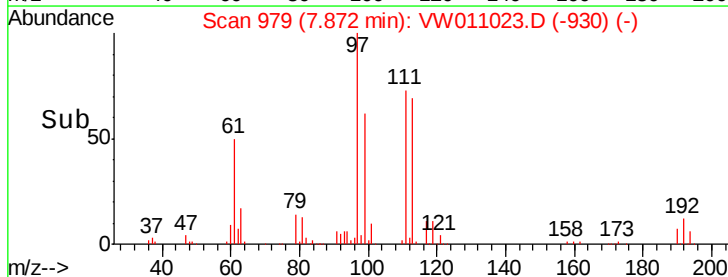
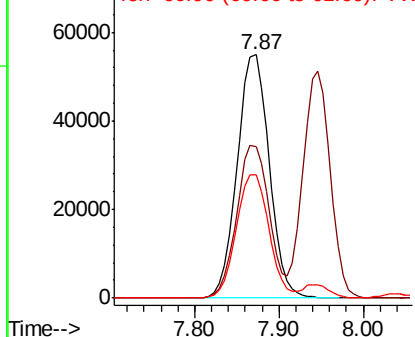


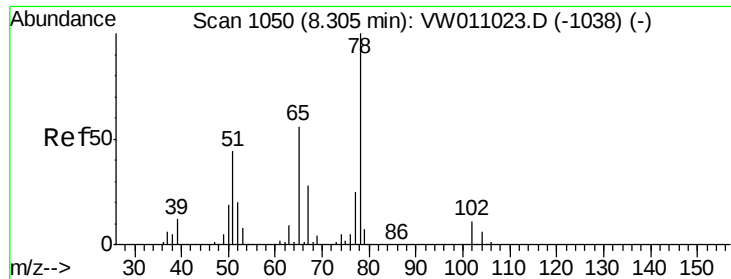
#32
1,1,1-Trichloroethane
Concen: 45.000 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 97 Resp: 141556
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 51.8 41.4 62.2



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

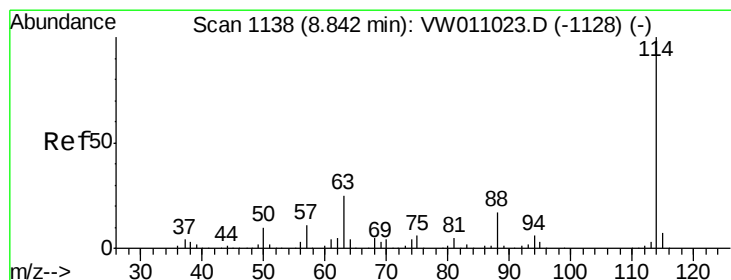
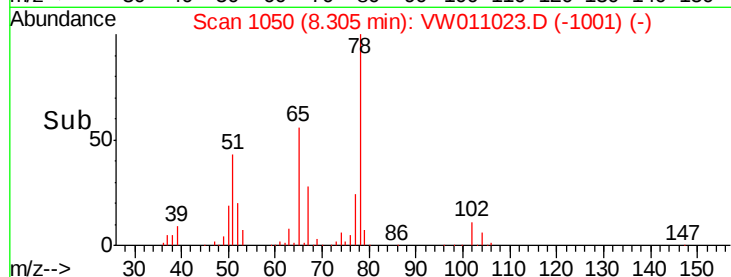
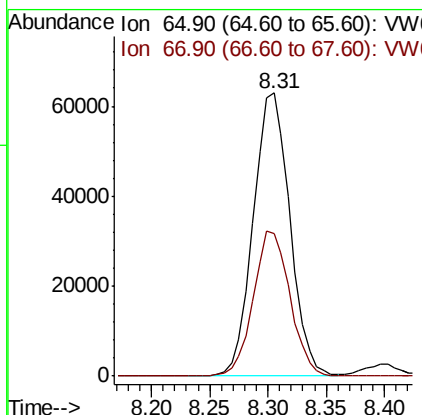
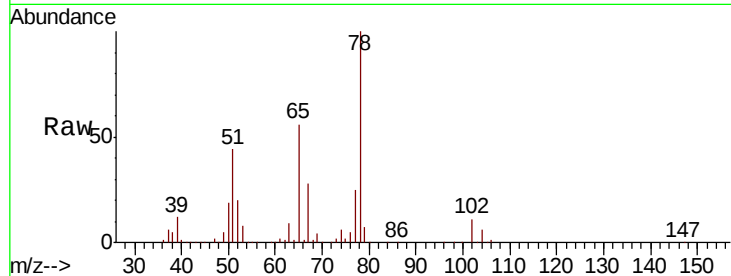




#33
 1,2-Dichloroethane-d4
 Concen: 60.379 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

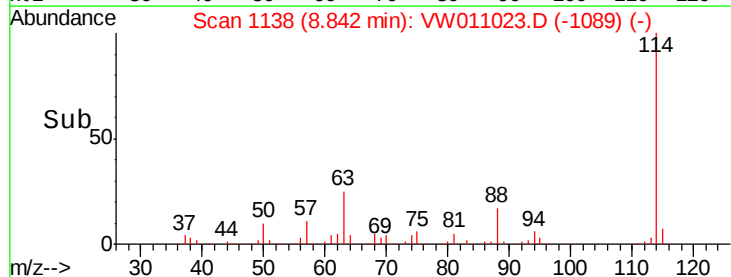
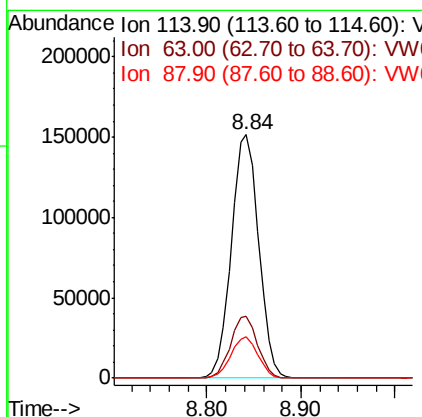
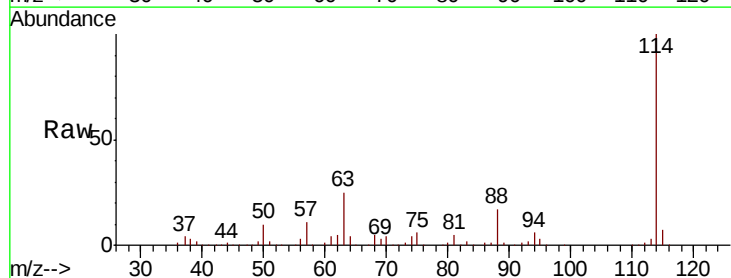
Instrument :
 MSVOA_W
 ClientSampleId :

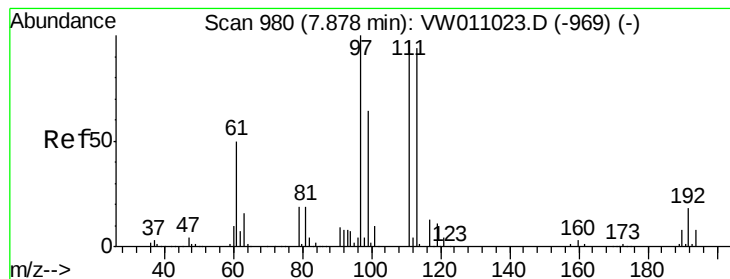
Tot Ion: 65 Resp: 138280
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion: 114 Resp: 305038
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.6
 88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 61.656 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

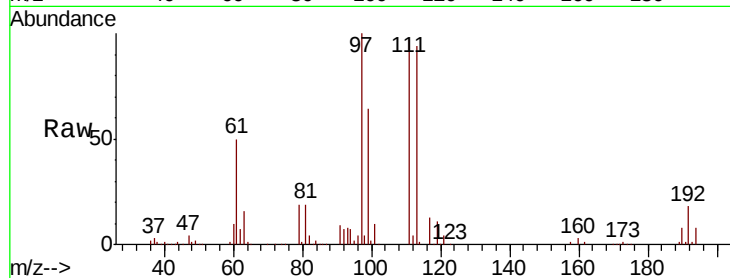
Tot Ion:113 Resp: 106182

Ion Ratio Lower Upper

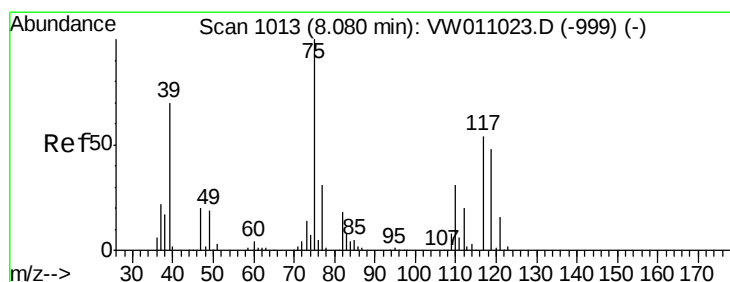
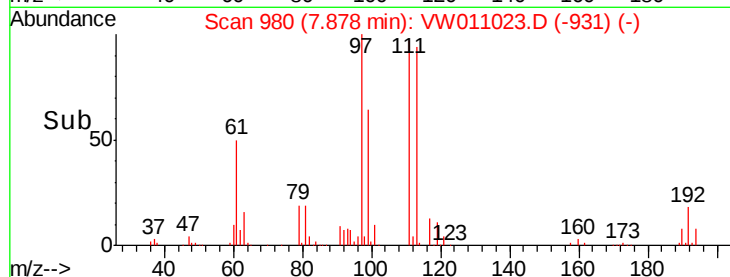
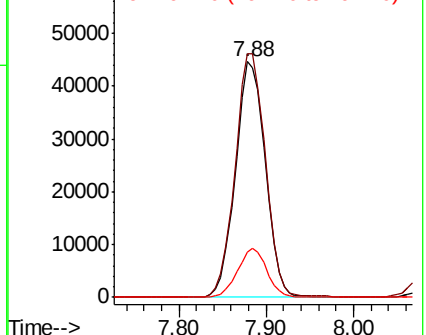
113 100

111 104.7 83.8 125.6

192 20.0 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.127 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

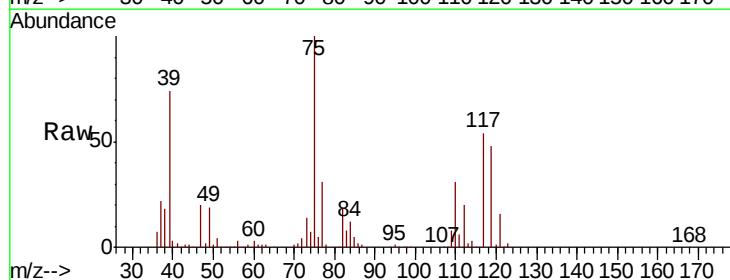
Tgt Ion: 75 Resp: 158139

Ion Ratio Lower Upper

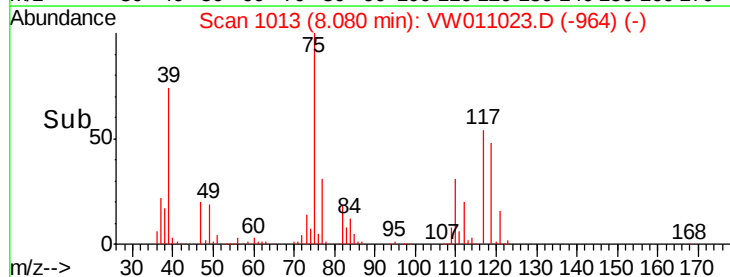
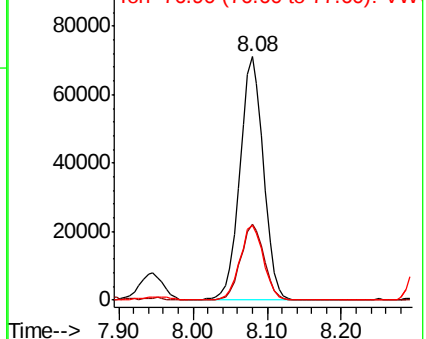
75 100

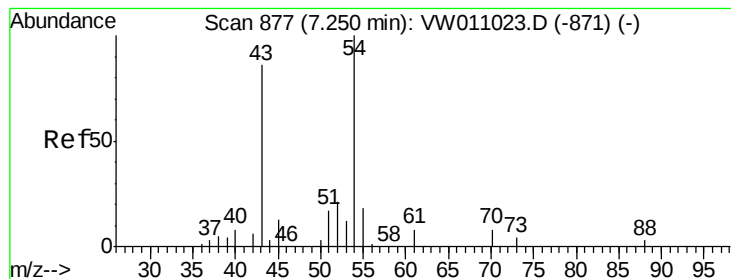
110 31.0 15.5 46.5

77 31.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 52.294 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampled :

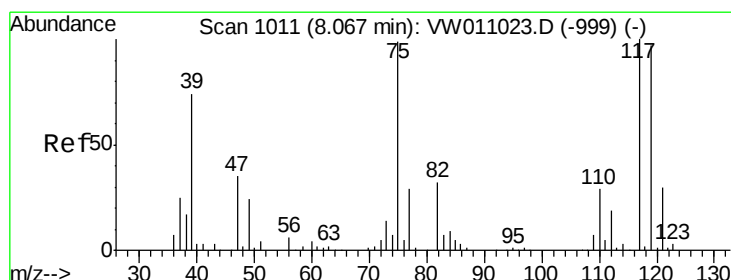
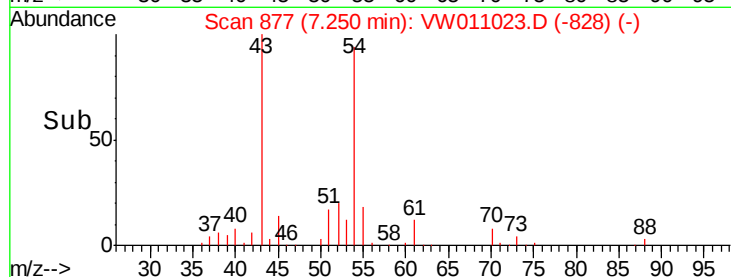
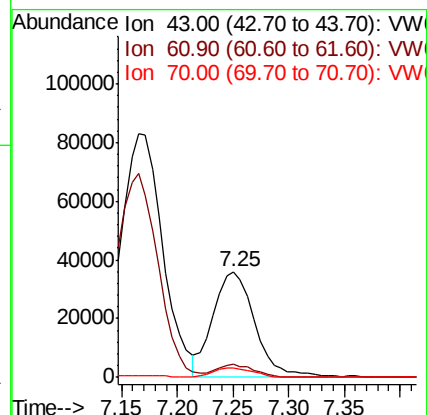
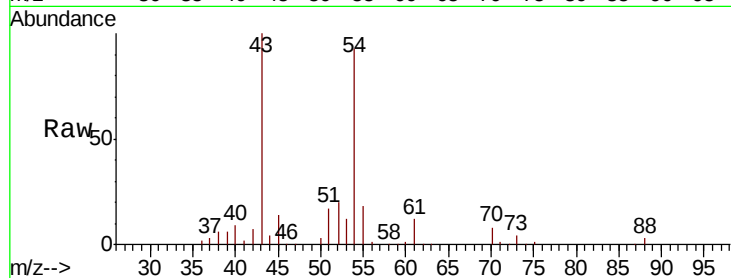
Tot Ion: 43 Resp: 92725

Ion Ratio Lower Upper

43 100

61 11.2 9.0 13.4

70 9.0 7.2 10.8



#38

Carbon Tetrachloride

Concen: 48.918 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

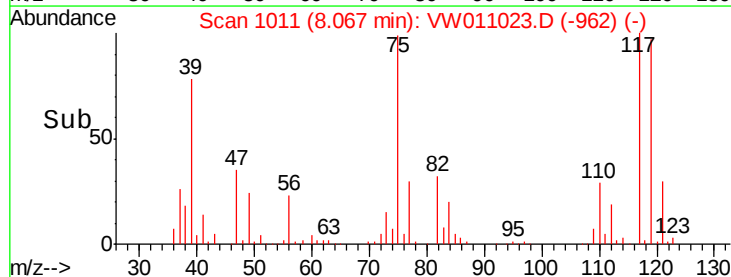
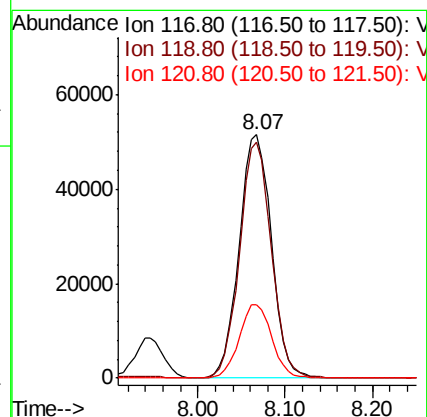
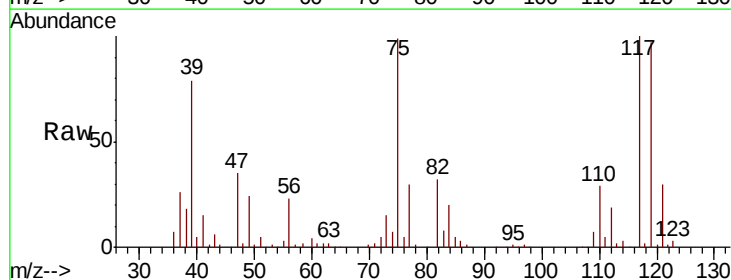
Tgt Ion: 117 Resp: 131945

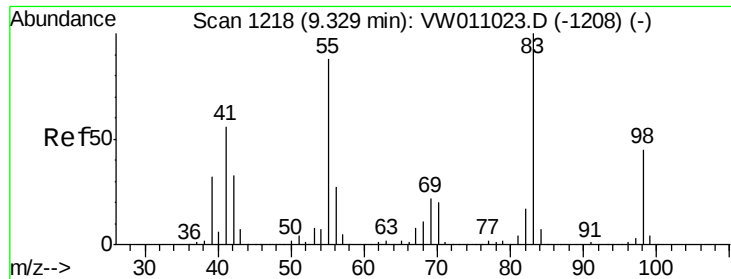
Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5

121 29.9 23.9 35.9

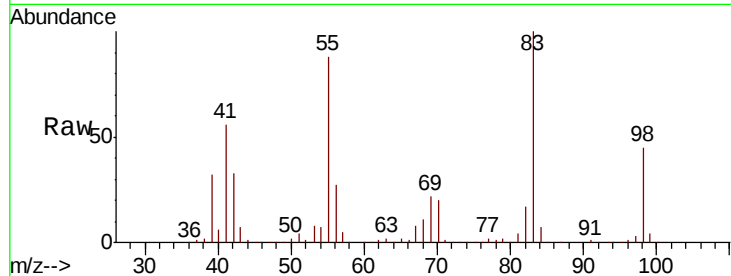




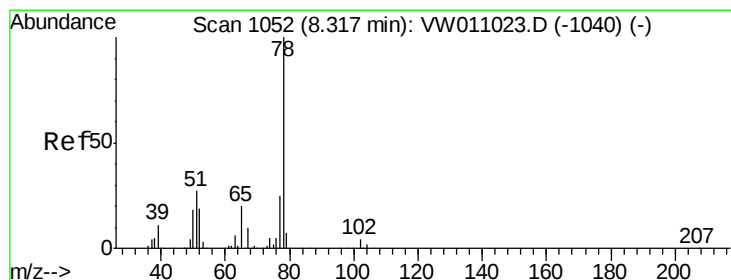
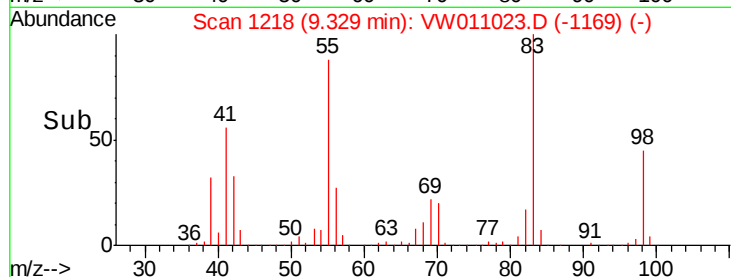
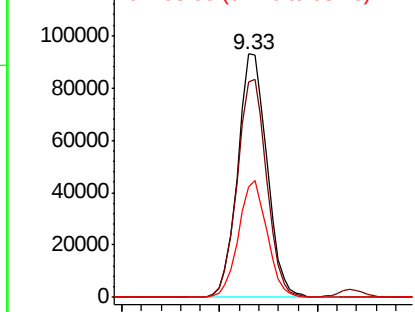
#39
Methvlcvclohexane
Concen: 48.692 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 193740
Ion Ratio Lower Upper
83 100
55 88.4 70.7 106.1
98 45.5 36.4 54.6

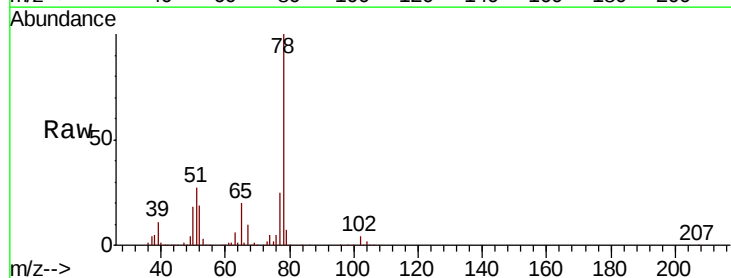


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

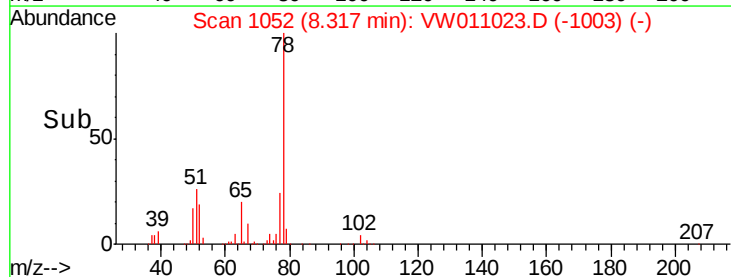
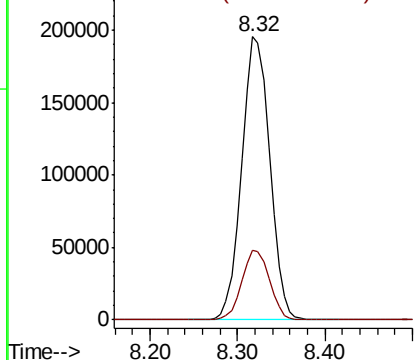


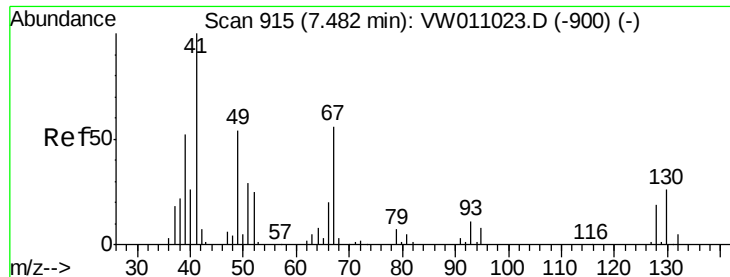
#40
Benzene
Concen: 50.575 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 78 Resp: 436120
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5



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





#41

Methacrylonitrile

Concen: 54.063 ug/l

RT: 7.48 min Scan# 915

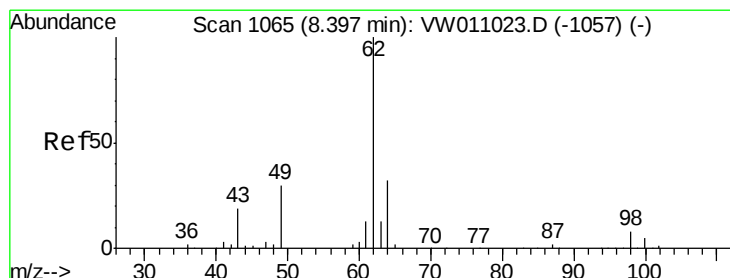
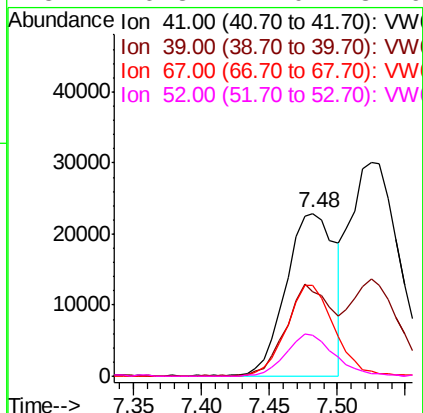
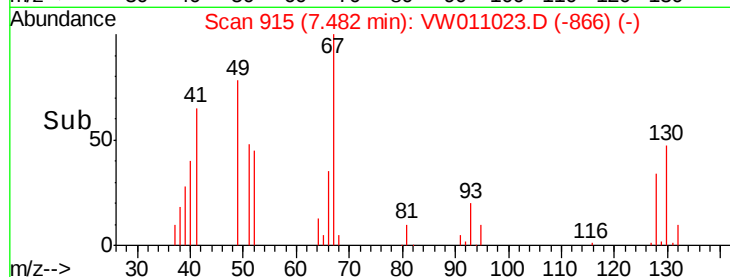
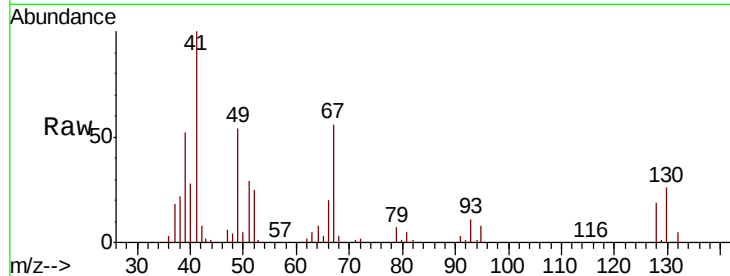
Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	41	Resp	57257
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.1	63.1
67	55.2	44.2	66.2
52	26.3	21.0	31.6



#42

1,2-Dichloroethane

Concen: 51.431 ug/l

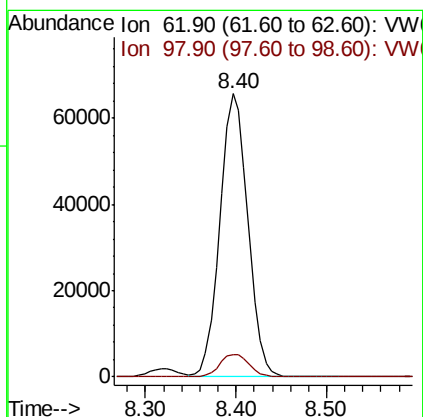
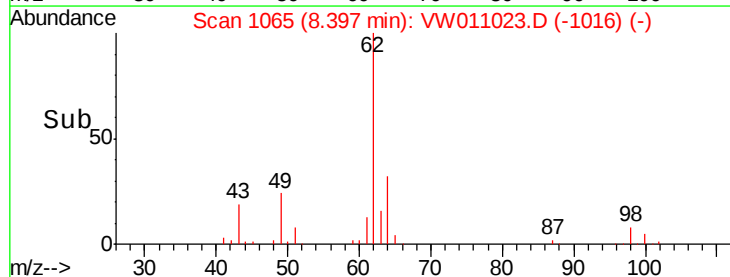
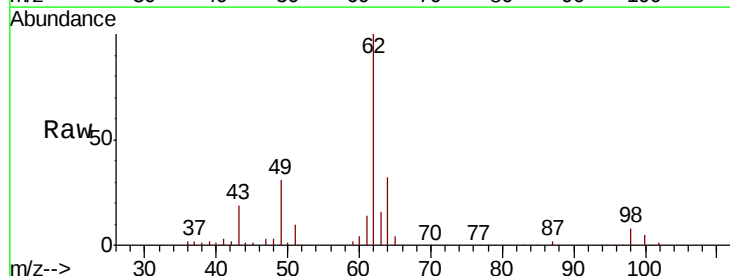
RT: 8.40 min Scan# 1065

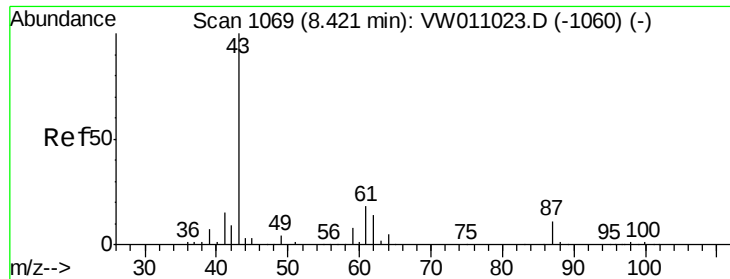
Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Tgt Ion	62	Resp	141276
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.406 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampled :

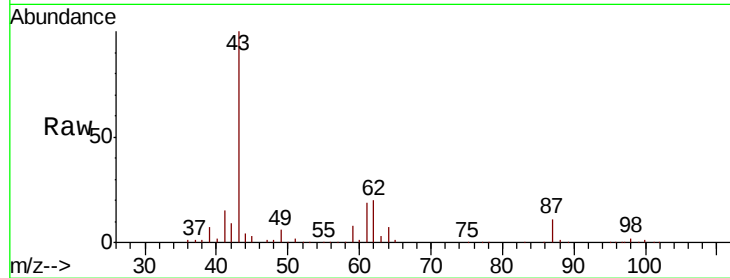
Tot Ion: 43 Resp: 174913

Ion Ratio Lower Upper

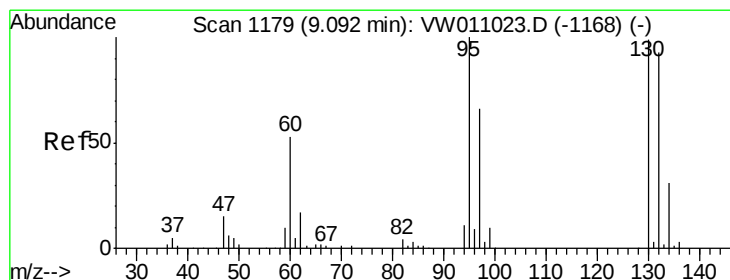
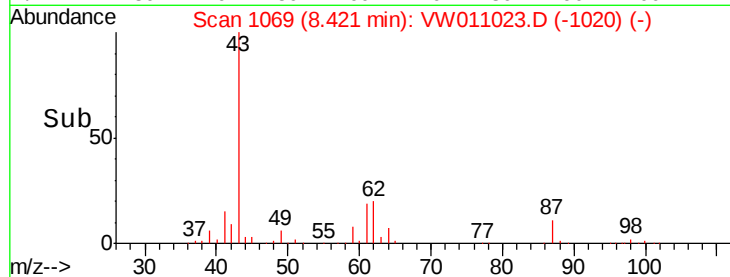
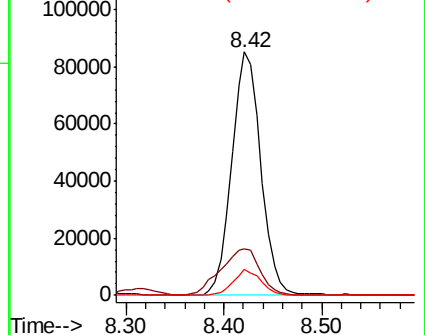
43 100

61 26.3 21.0 31.6

87 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.537 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011023.D

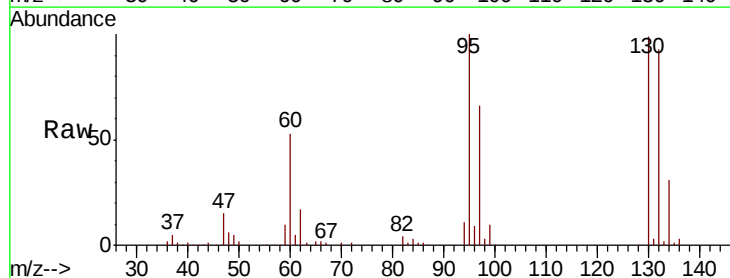
Acq: 27 Jun 2019 16:22

Tgt Ion: 130 Resp: 104980

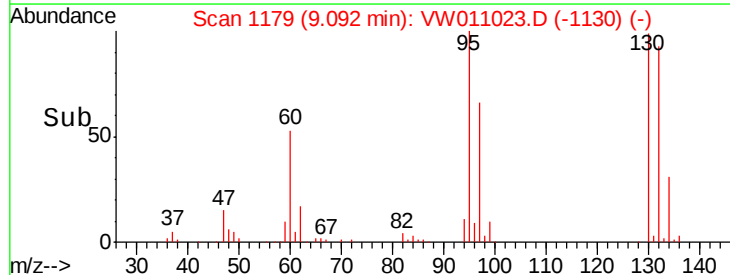
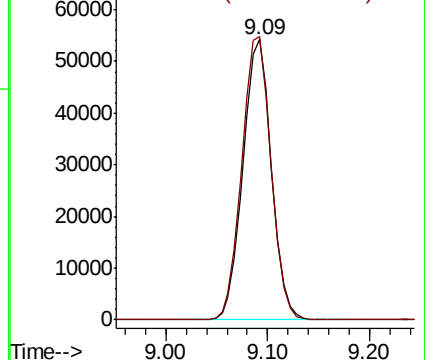
Ion Ratio Lower Upper

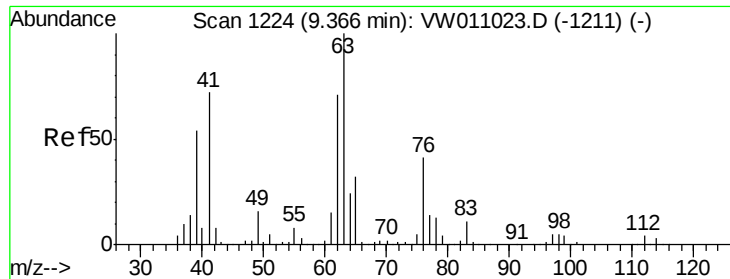
130 100

95 101.0 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

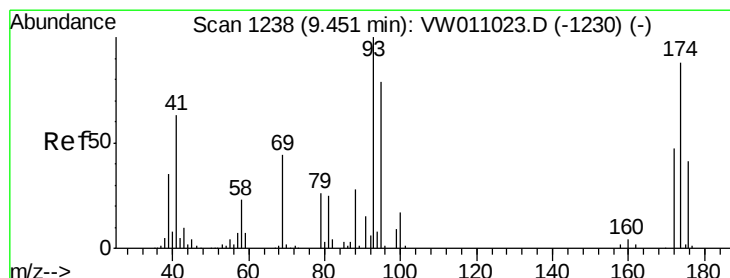
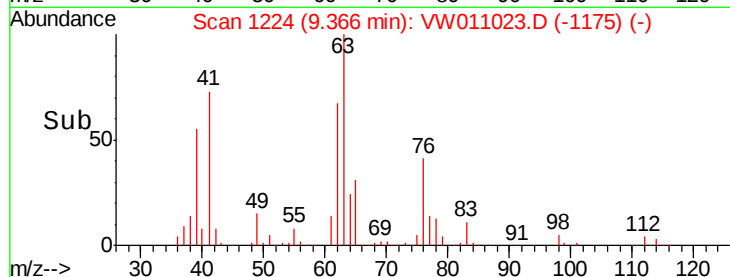
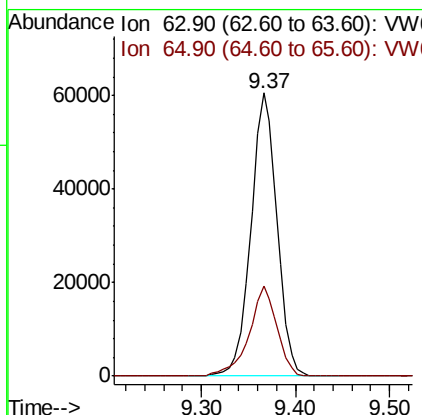
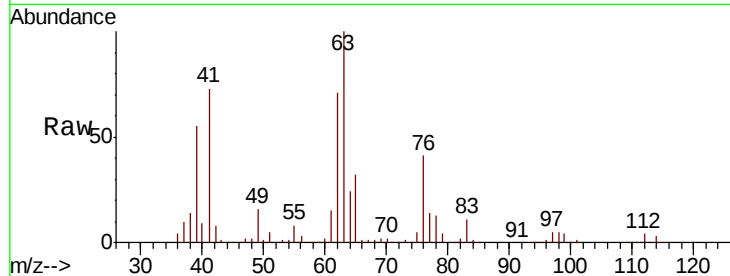




#45
 1,2-Dichloropropane
 Concen: 51.548 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

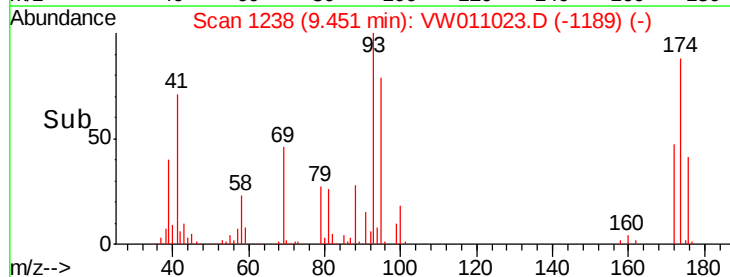
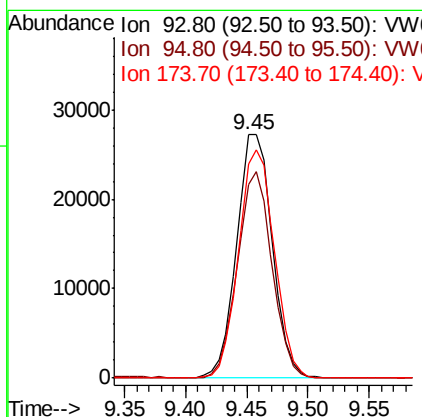
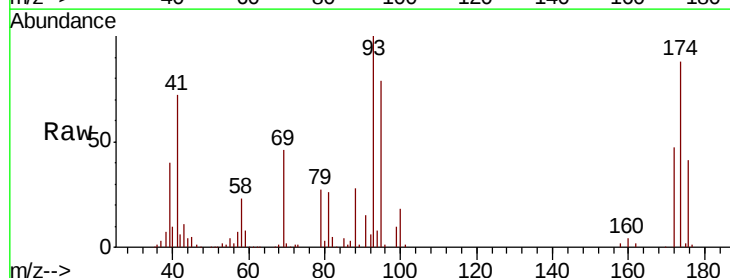
Instrument :
 MSVOA_W
 ClientSampled :

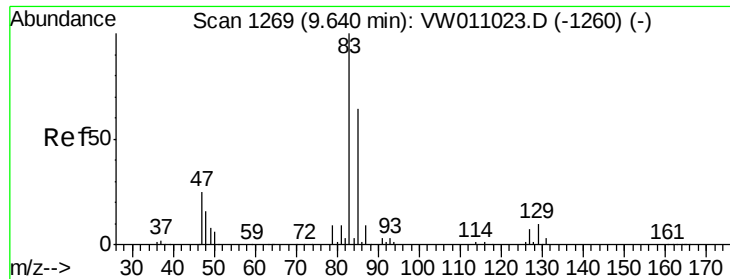
Tot Ion: 63 Resp: 117940
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.6 38.4



#46
 Dibromomethane
 Concen: 51.735 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion: 93 Resp: 55107
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 94.2 75.4 113.0

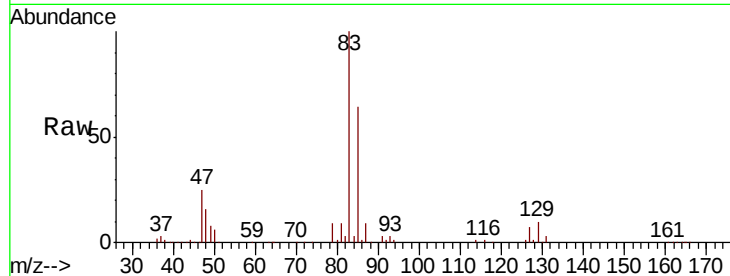




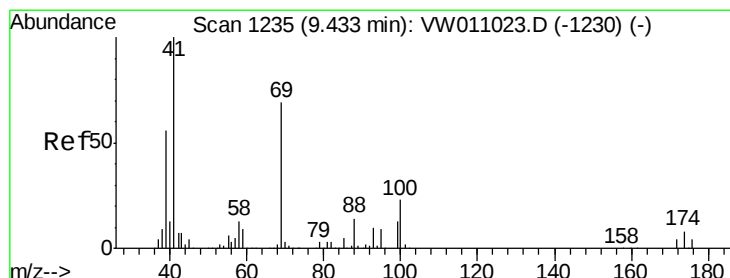
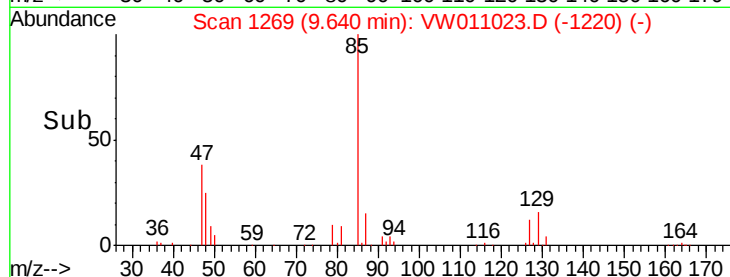
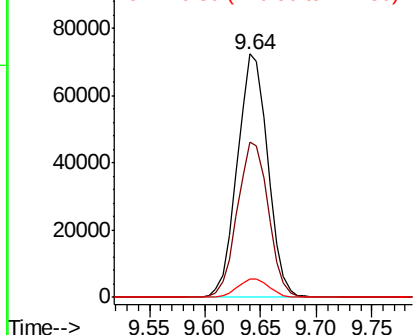
#47
Bromodichloromethane
Concen: 50.228 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 137482
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 7.3 5.8 8.8

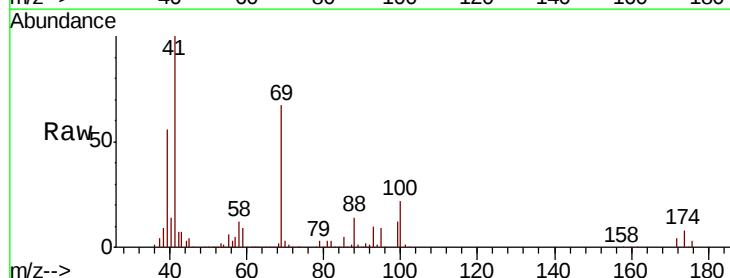


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

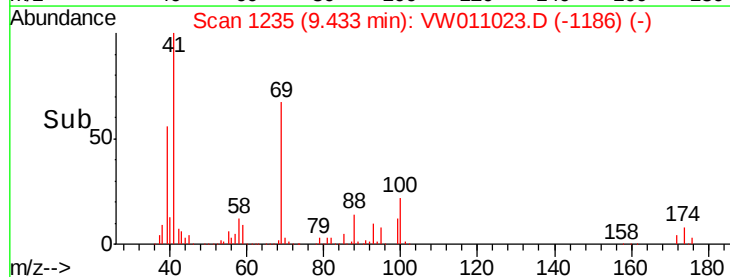
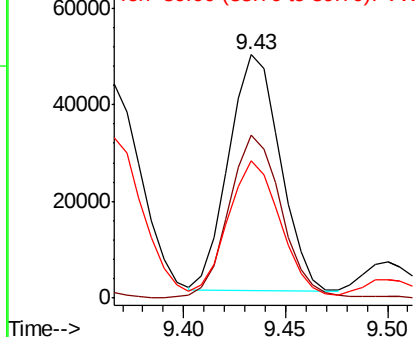


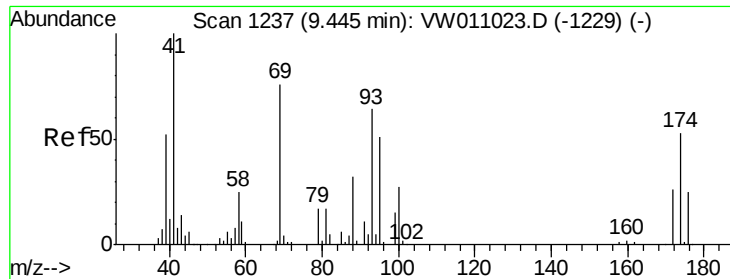
#48
Methyl methacrylate
Concen: 52.250 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 41 Resp: 85734
Ion Ratio Lower Upper
41 100
69 70.9 56.7 85.1
39 56.3 45.0 67.6



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





#49

1,4-Dioxane

Concen: 1118.906 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampled :

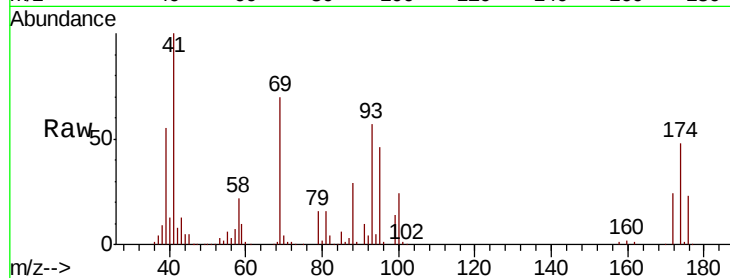
Tot Ion: 88 Resp: 19203

Ion Ratio Lower Upper

88 100

43 43.0 34.4 51.6

58 81.5 65.2 97.8

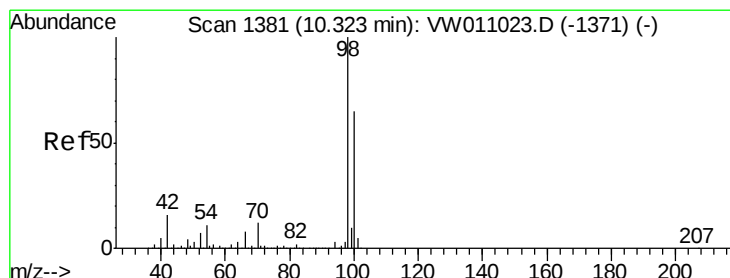
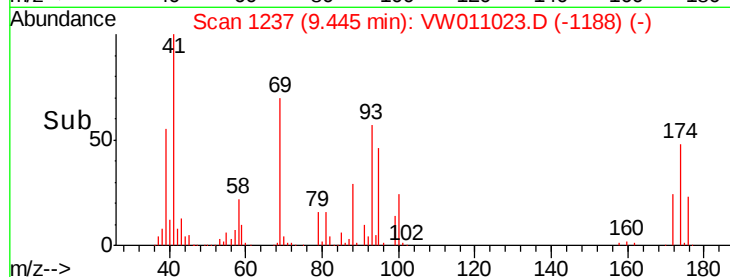
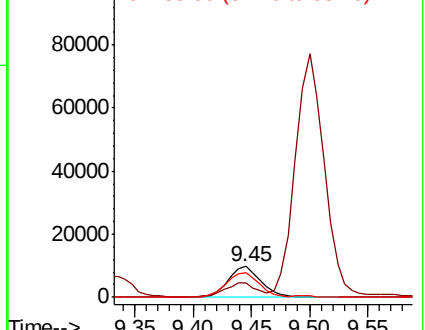


Abundance

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: 59.336 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011023.D

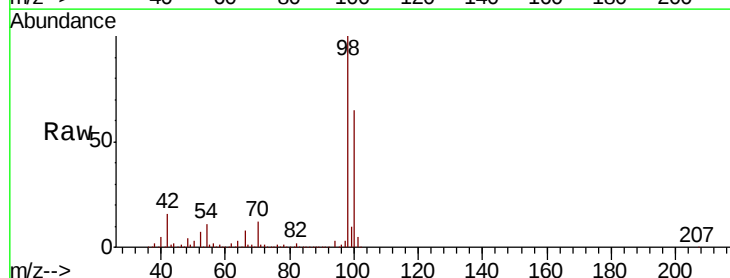
Acq: 27 Jun 2019 16:22

Tgt Ion: 98 Resp: 448083

Ion Ratio Lower Upper

98 100

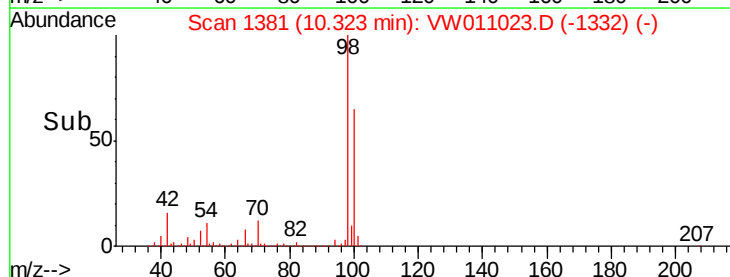
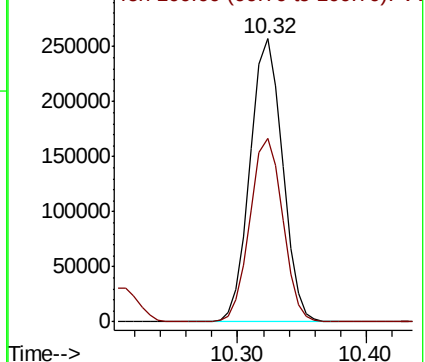
100 65.4 52.3 78.5

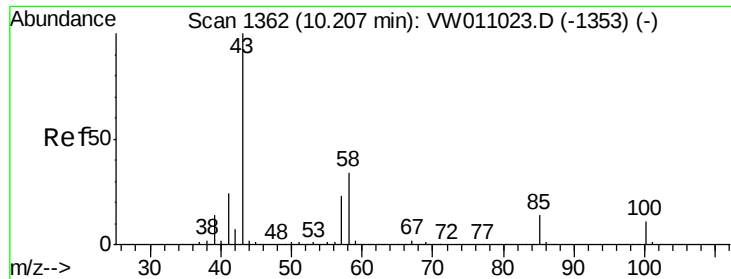


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 264.213 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

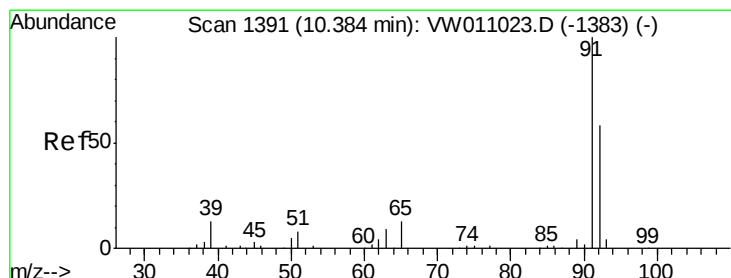
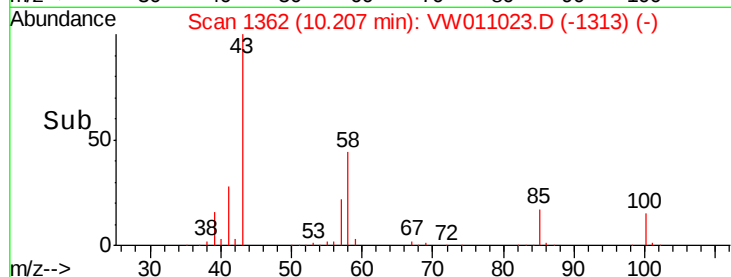
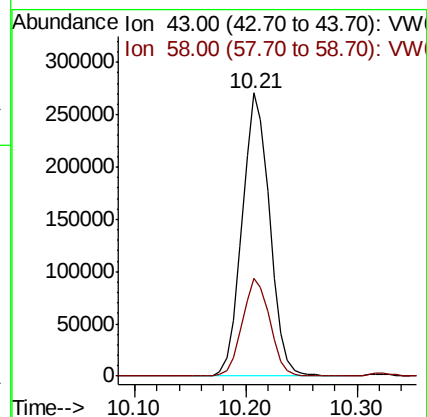
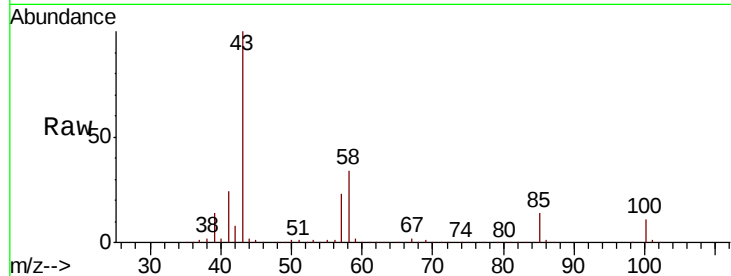
ClientSampled :

Tot Ion: 43 Resp: 462792

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.6



#52

Toluene

Concen: 50.810 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011023.D

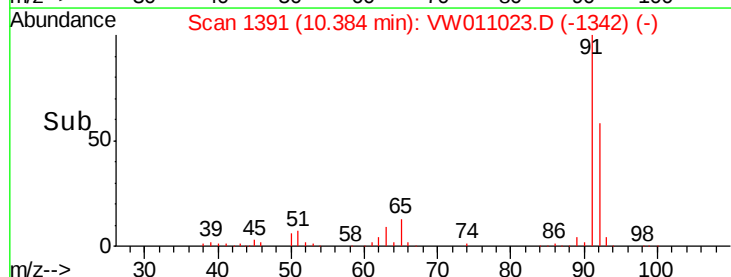
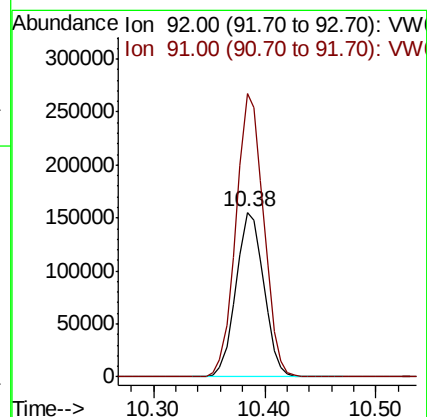
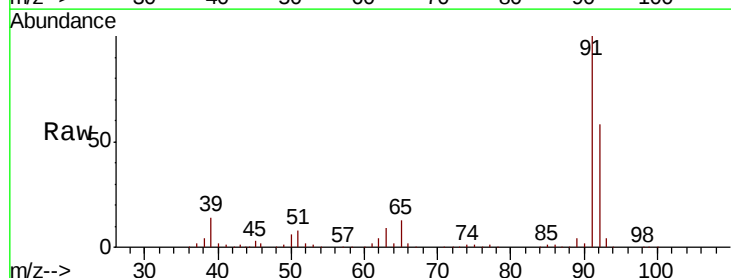
Acq: 27 Jun 2019 16:22

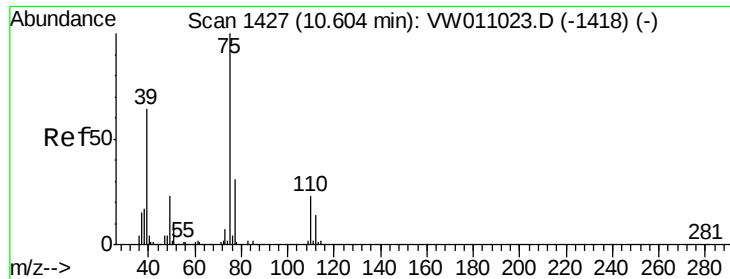
Tgt Ion: 92 Resp: 269219

Ion Ratio Lower Upper

92 100

91 171.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 50.397 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

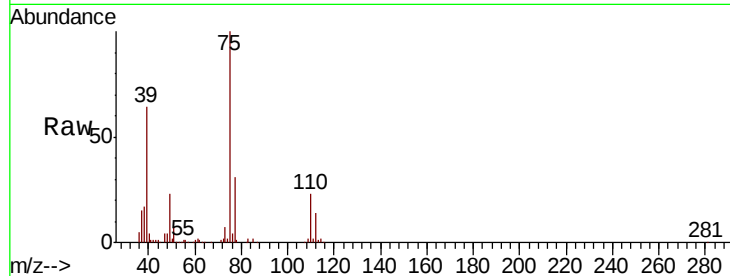
ClientSampleId :

Tot Ion: 75 Resp: 145985

Ion Ratio Lower Upper

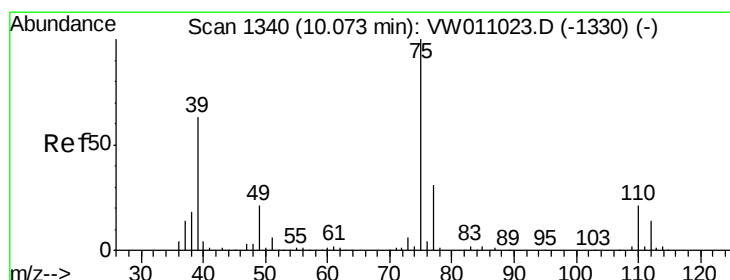
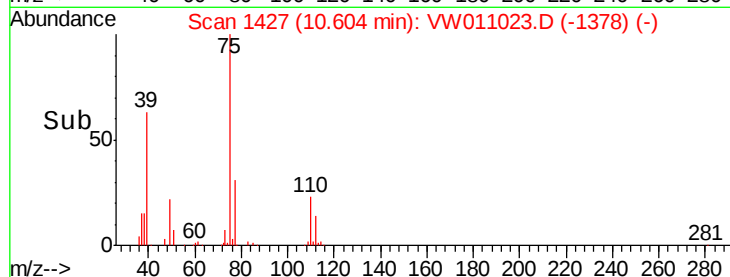
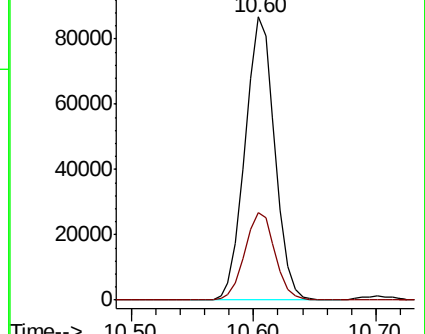
75 100

77 30.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 50.951 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

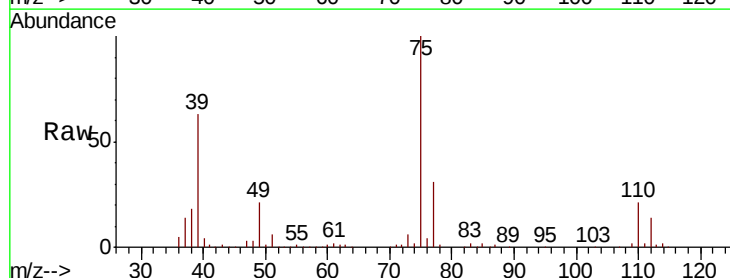
Tgt Ion: 75 Resp: 174131

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

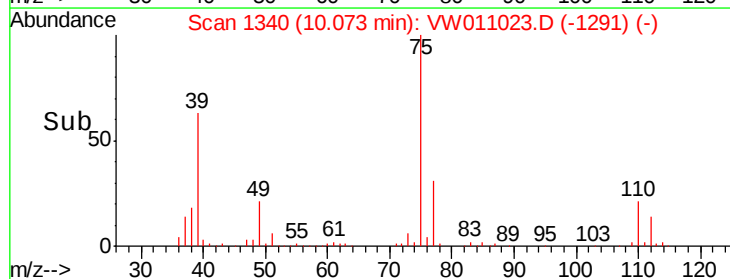
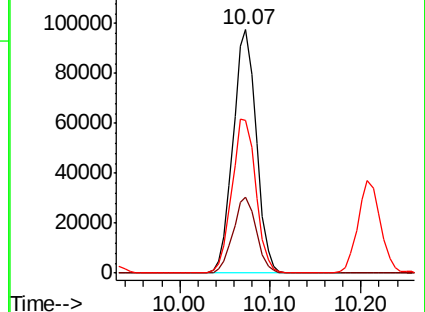
39 62.5 50.0 75.0

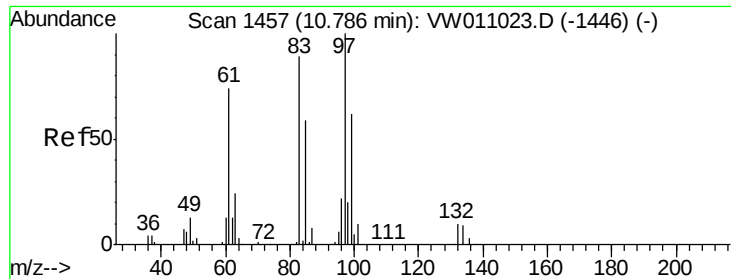


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

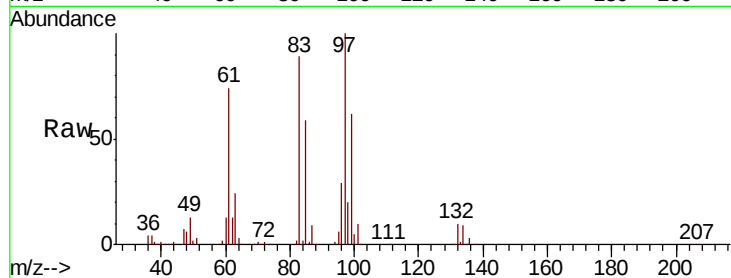




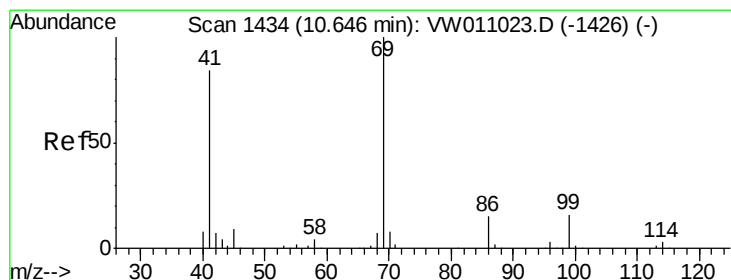
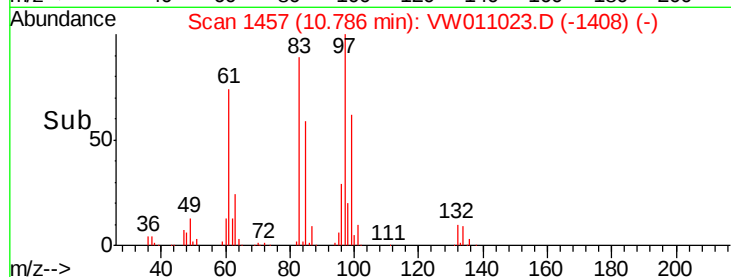
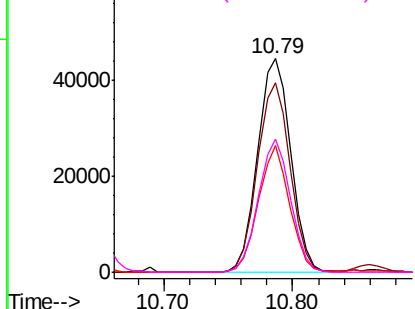
#55
 1,1,2-Trichloroethane
 Concen: 51.690 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	79203
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.9	106.3
85	59.0	47.2	70.8
99	62.5	50.0	75.0

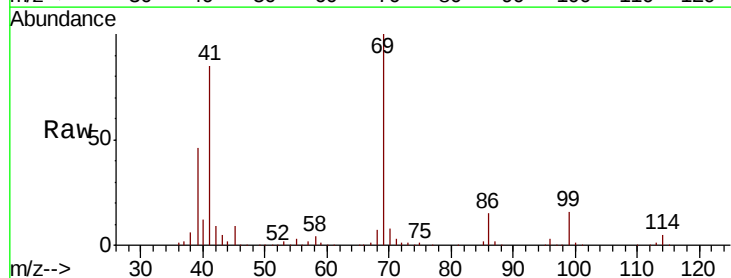


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

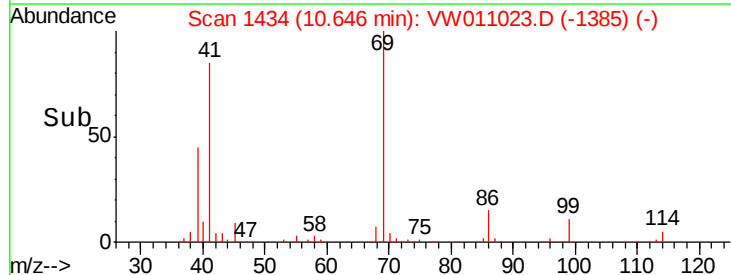
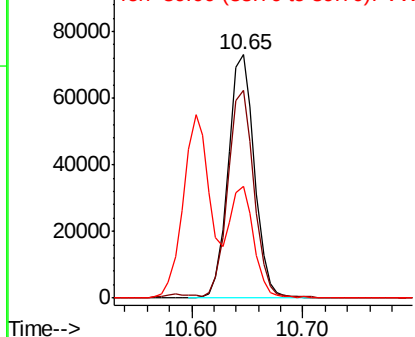


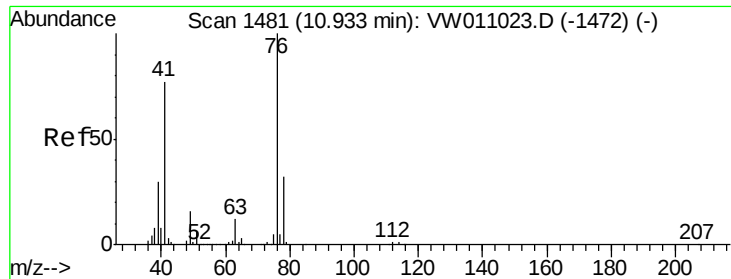
#56
 Ethyl methacrylate
 Concen: 50.623 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion:	69	Resp:	118822
Ion	Ratio	Lower	Upper
69	100		
41	84.9	67.9	101.9
39	41.5	33.2	49.8



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

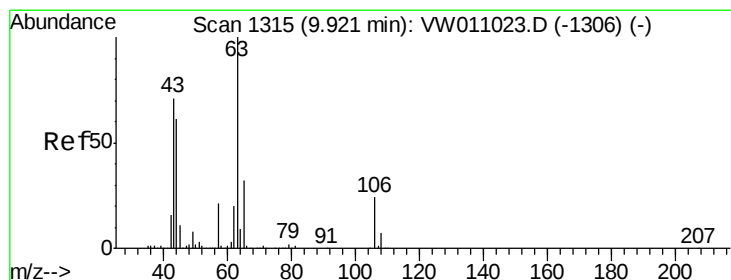
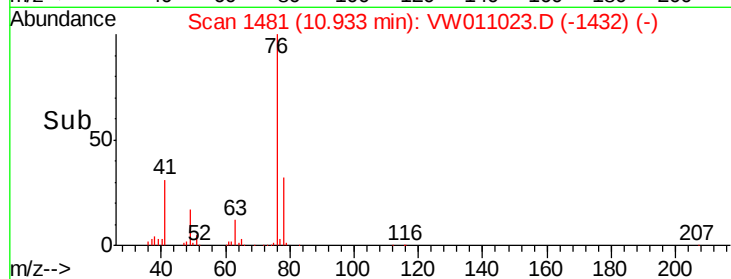
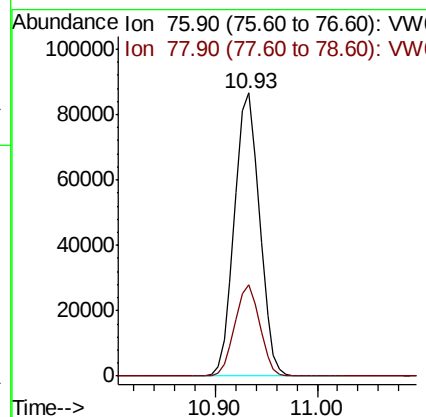
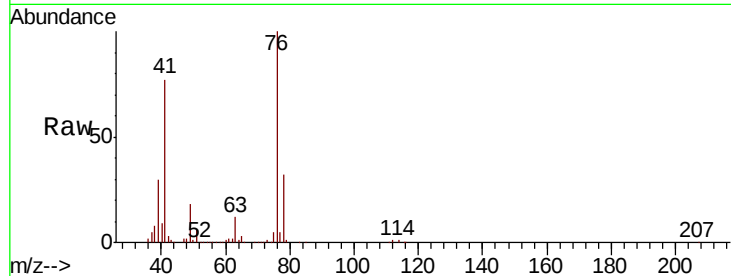




#57
 1,3-Dichloropropane
 Concen: 51.062 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

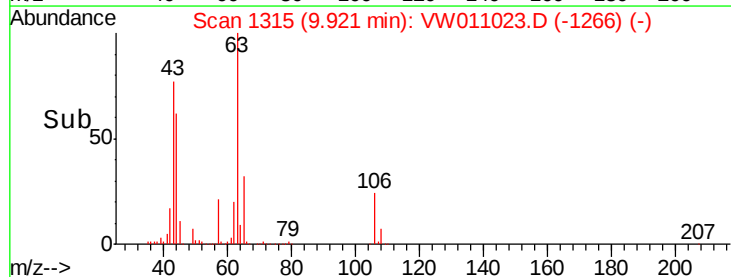
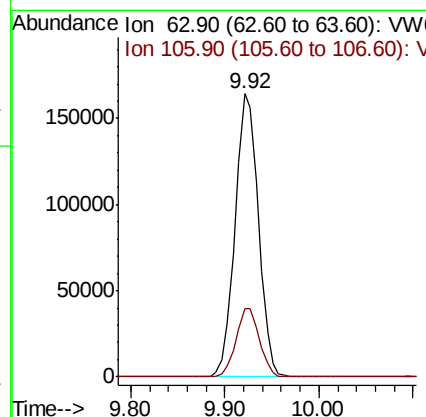
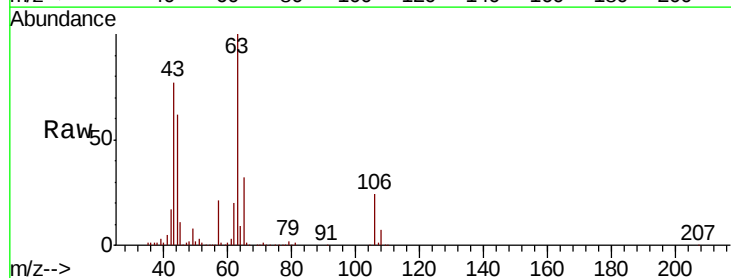
Instrument :
 MSVOA_W
 ClientSampleId :

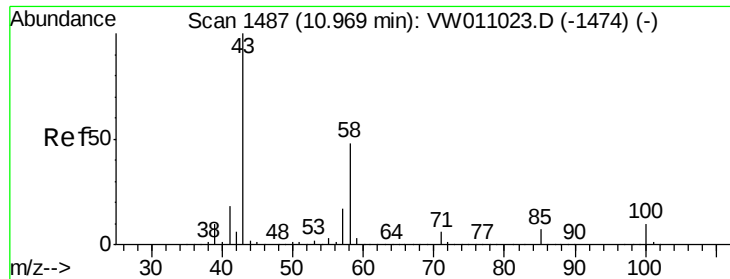
Tot Ion: 76 Resp: 147365
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.624 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion: 63 Resp: 281968
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.0





#59

2-Hexanone

Concen: 262.336 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

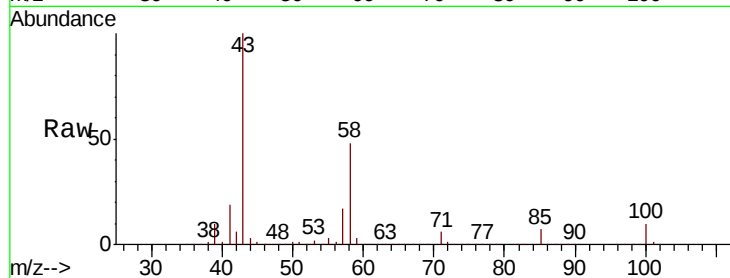
ClientSampleId :

Tot Ion: 43 Resp: 330316

Ion Ratio Lower Upper

43 100

58 47.7 23.8 71.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.97

200000

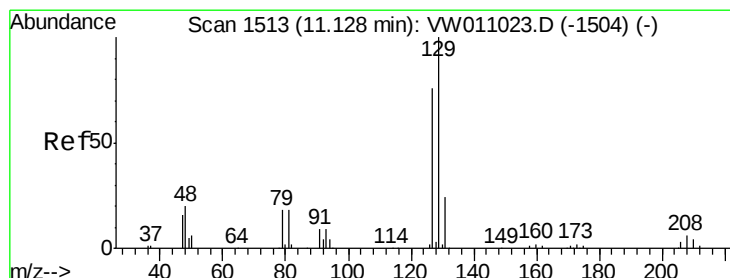
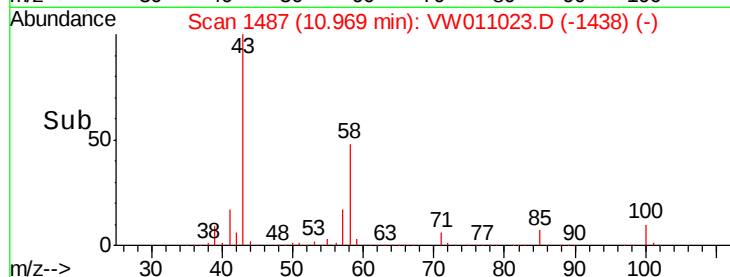
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 49.296 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW011023.D

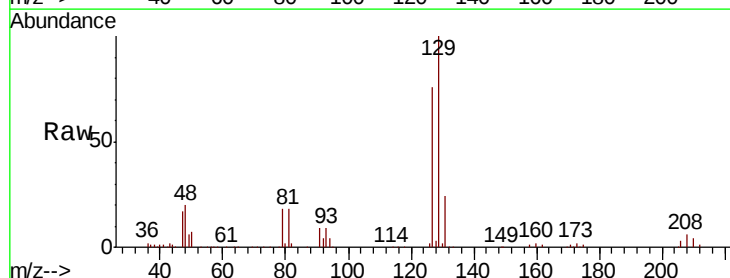
Acq: 27 Jun 2019 16:22

Tgt Ion: 129 Resp: 82729

Ion Ratio Lower Upper

129 100

127 78.7 39.4 118.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

50000

40000

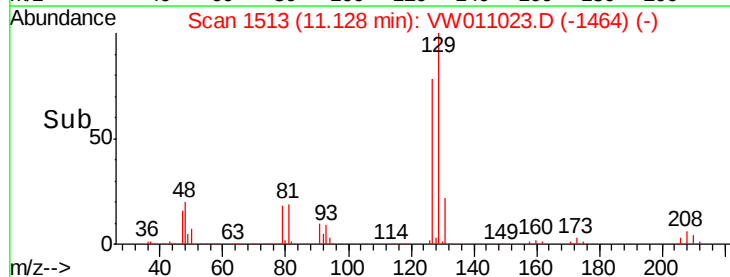
30000

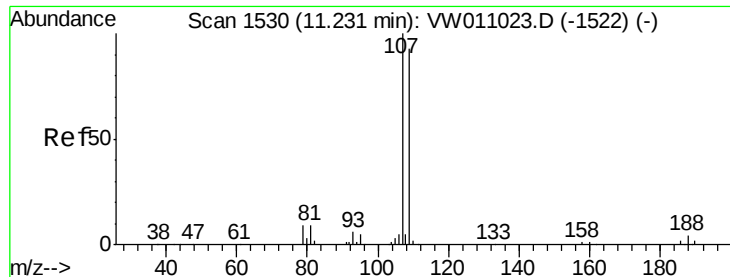
20000

10000

0

Time-->

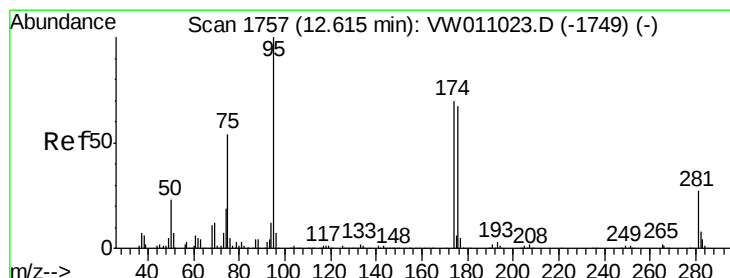
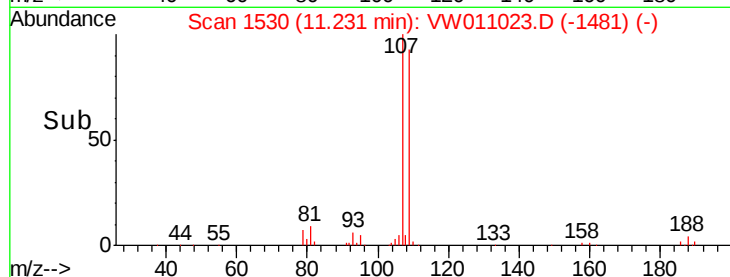
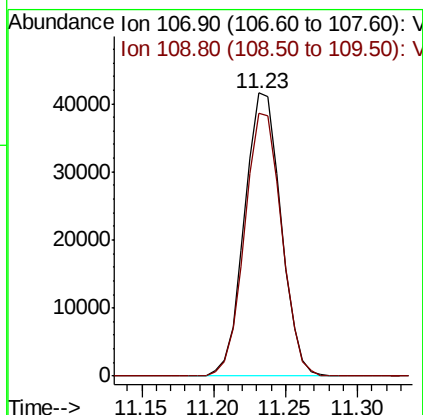
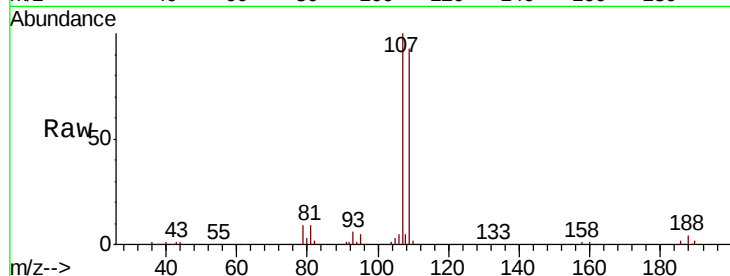




#61
 1,2-Dibromoethane
 Concen: 50.461 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

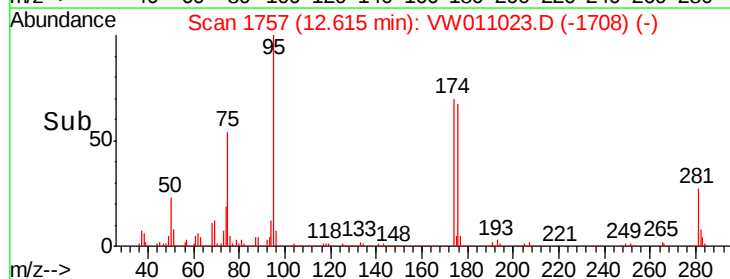
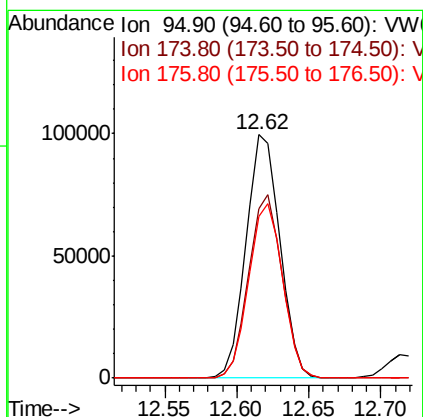
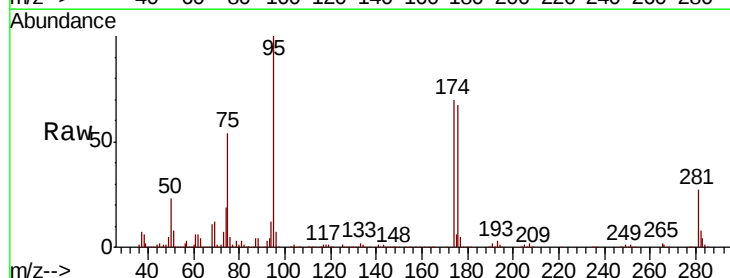
Instrument :
 MSVOA_W
 ClientSampleId :

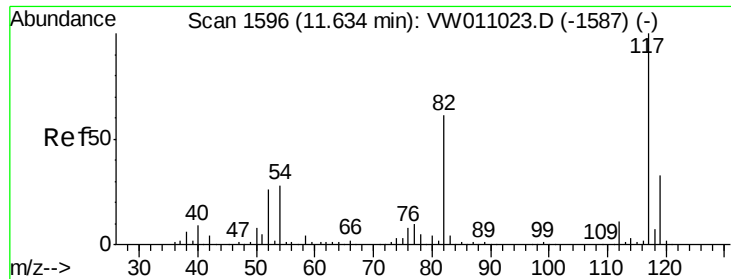
Tot Ion: 107 Resp: 72989
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 58.957 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion: 95 Resp: 161998
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 149.2
 176 71.8 0.0 143.6

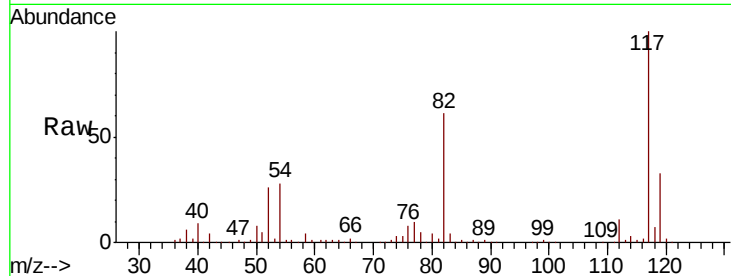




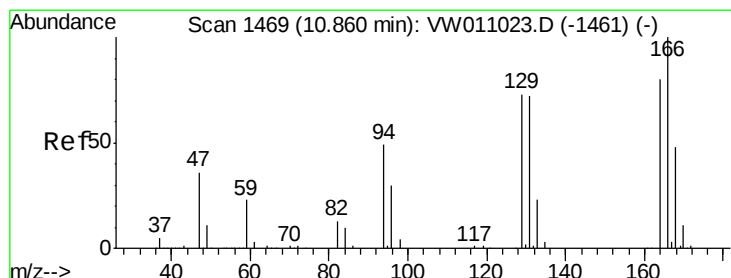
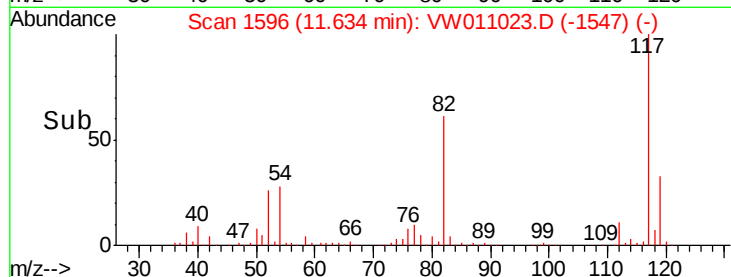
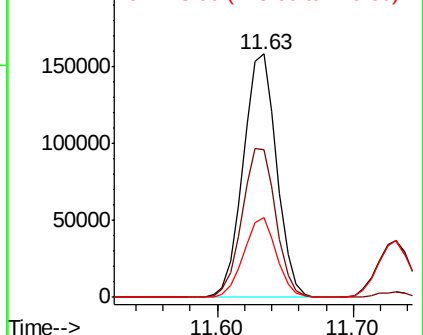
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 271940
Ion Ratio Lower Upper
117 100
82 60.8 48.6 73.0
119 32.6 26.1 39.1

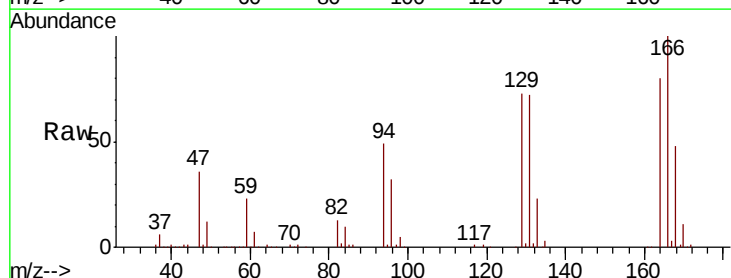


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

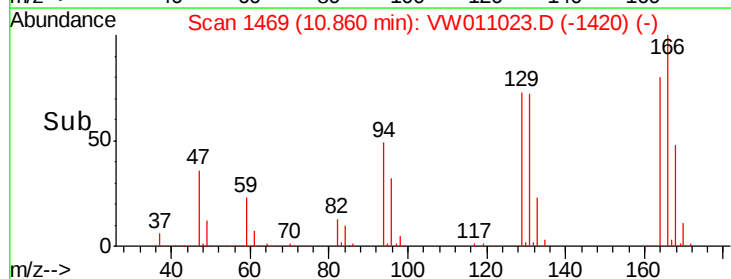
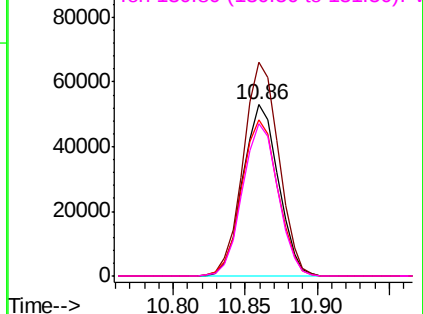


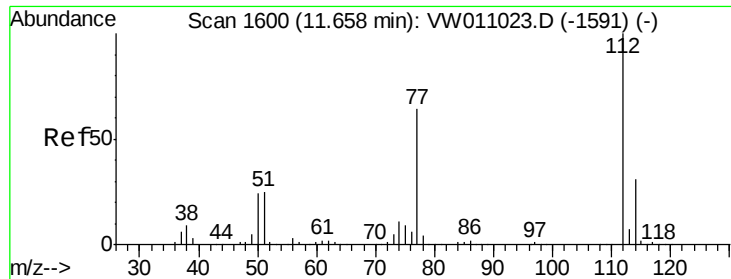
#64
Tetrachloroethene
Concen: 49.966 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:164 Resp: 90708
Ion Ratio Lower Upper
164 100
166 124.7 99.8 149.6
129 91.2 73.0 109.4
131 89.2 71.4 107.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

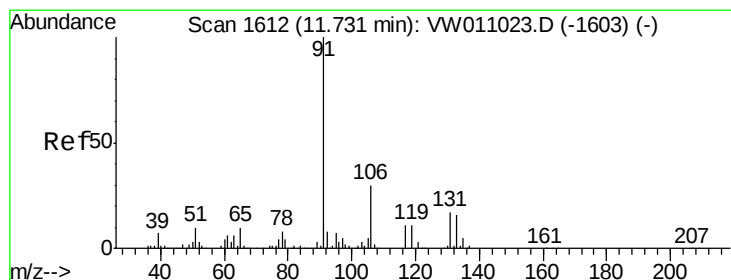
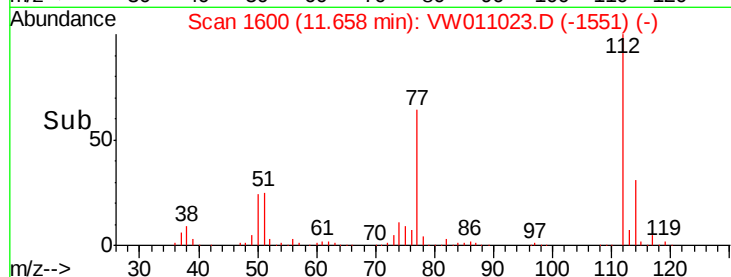
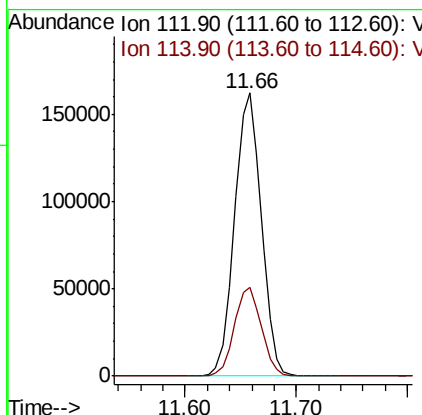
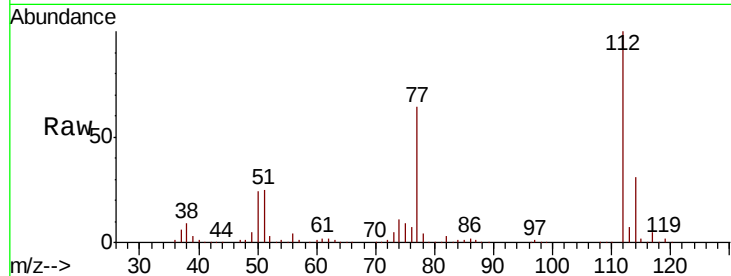




#65
Chlorobenzene
Concen: 50.006 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

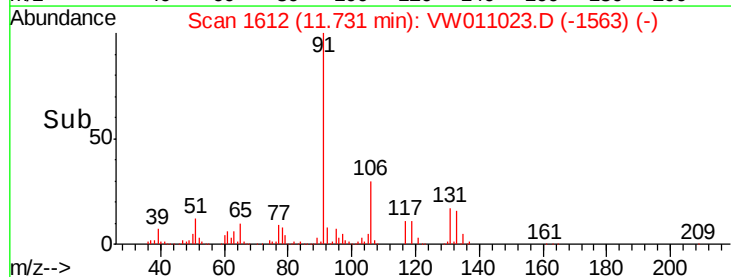
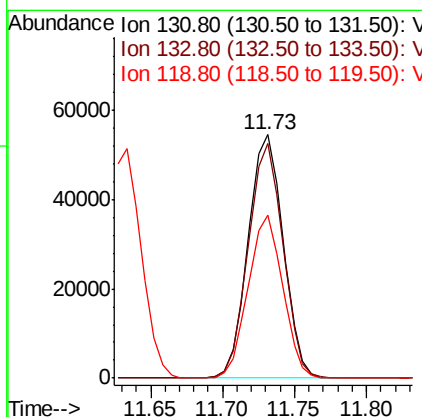
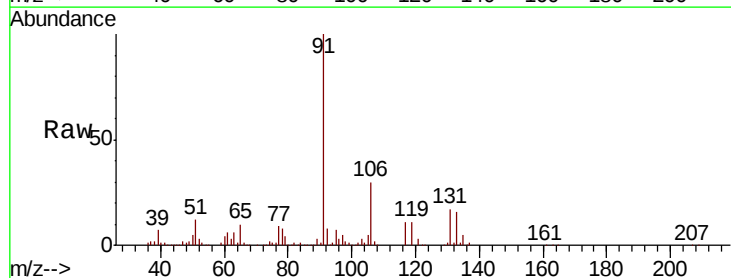
Instrument :
MSVOA_W
ClientSampleId :

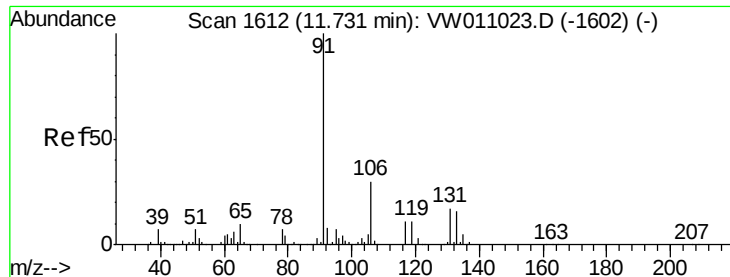
Tot Ion:112 Resp: 269433
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.491 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:131 Resp: 91772
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.1 33.1 99.2

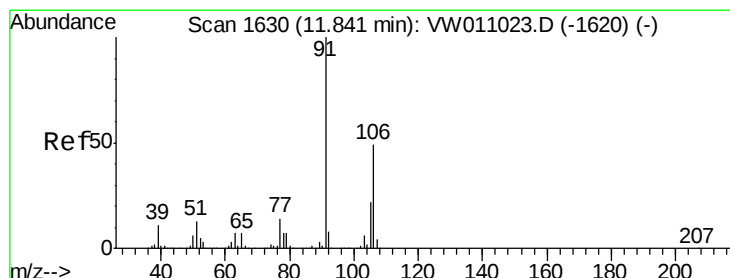
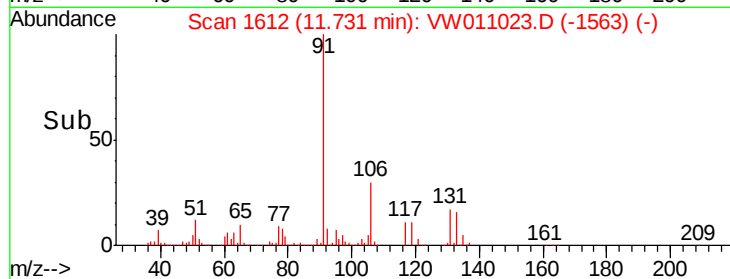
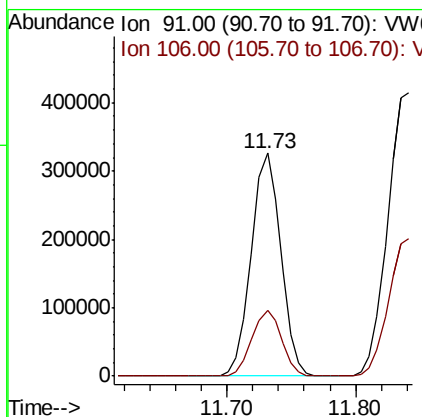
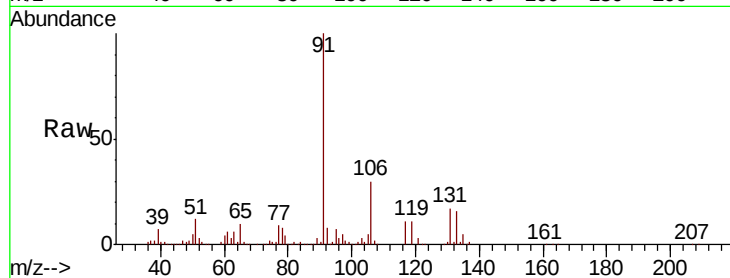




#67
Ethyl Benzene
Concen: 49.830 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

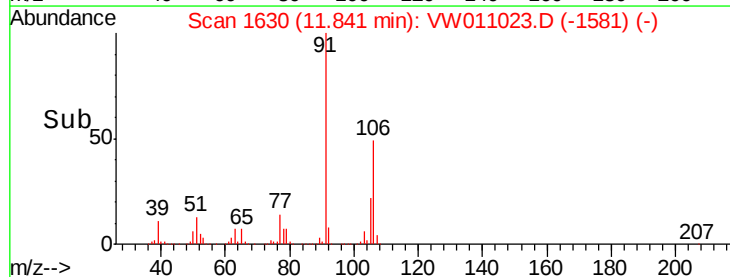
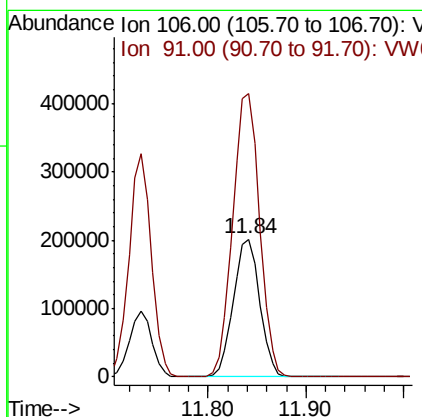
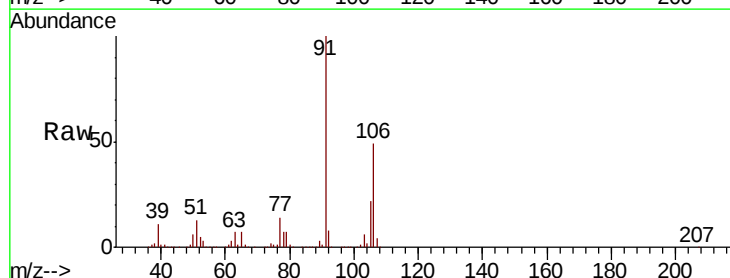
Instrument :
MSVOA_W
ClientSampled :

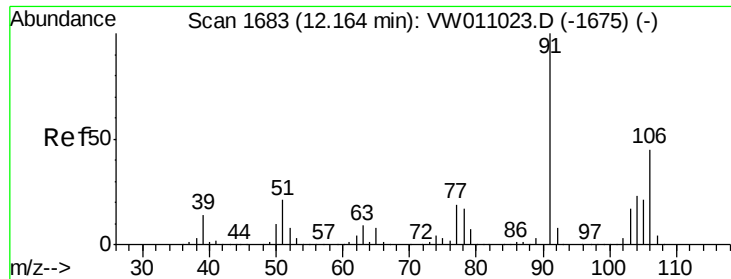
Tot Ion: 91 Resp: 516051
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 101.425 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 106 Resp: 377211
Ion Ratio Lower Upper
106 100
91 209.4 167.5 251.3

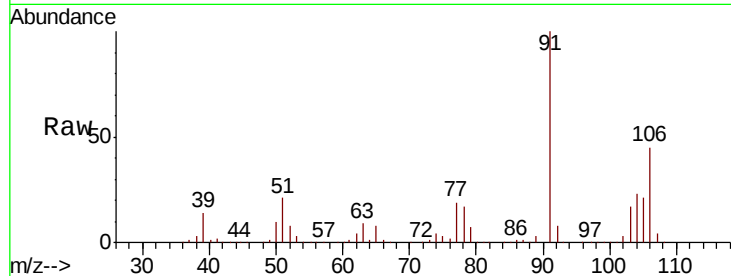




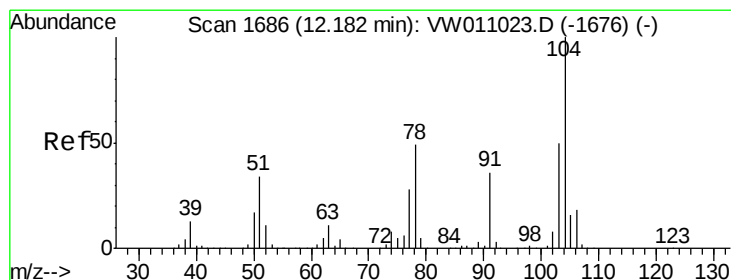
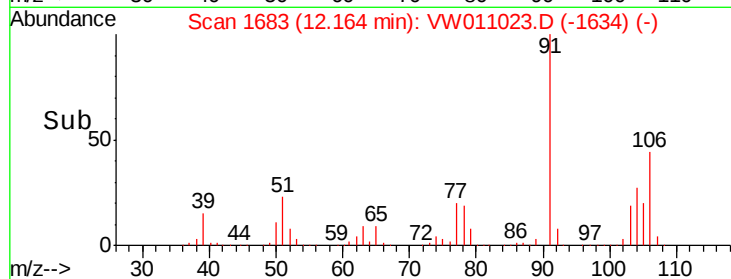
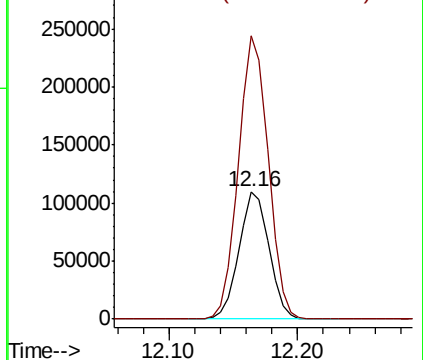
#69
o-Xylene
Concen: 50.158 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 176415
Ion Ratio Lower Upper
106 100
91 221.5 110.8 332.3

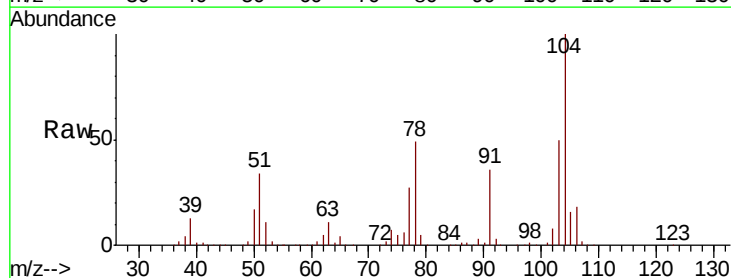


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

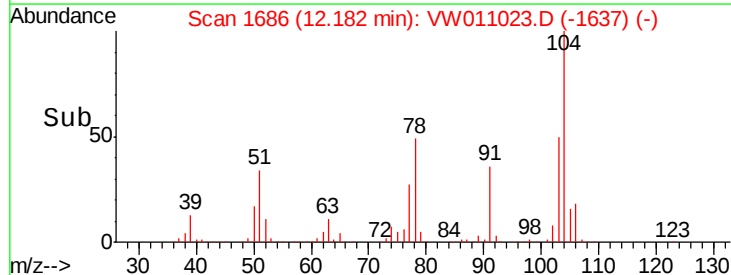
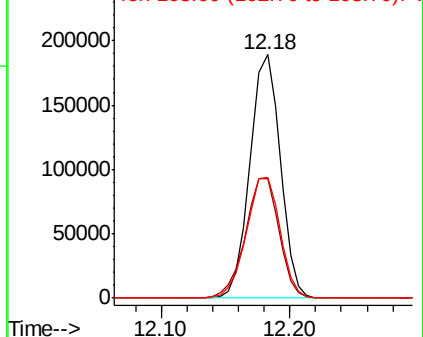


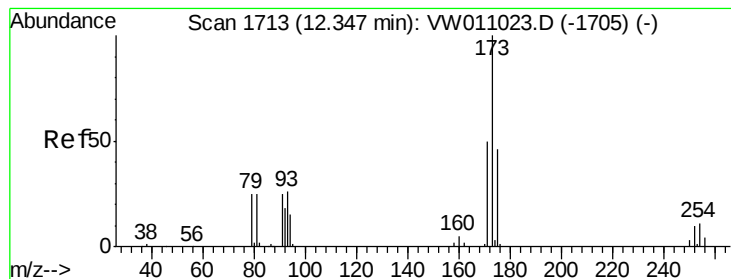
#70
Styrene
Concen: 50.518 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:104 Resp: 308857
Ion Ratio Lower Upper
104 100
78 54.6 43.7 65.5
103 54.9 43.9 65.9



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





#71

Bromoform

Concen: 48.089 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

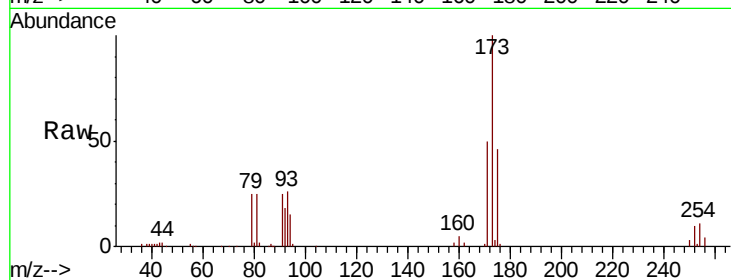
Tot Ion:173 Resp: 45948

Ion Ratio Lower Upper

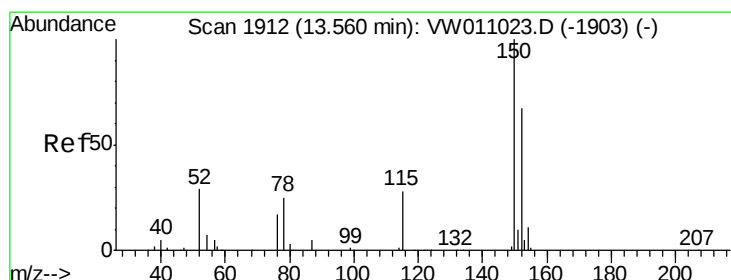
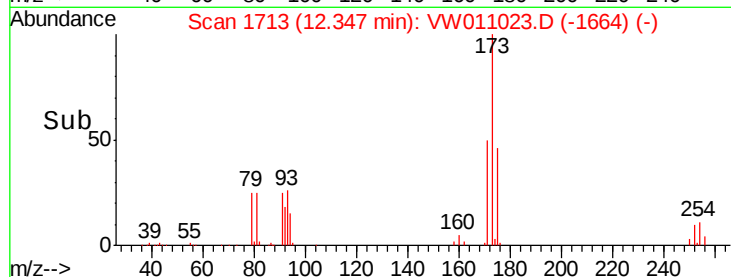
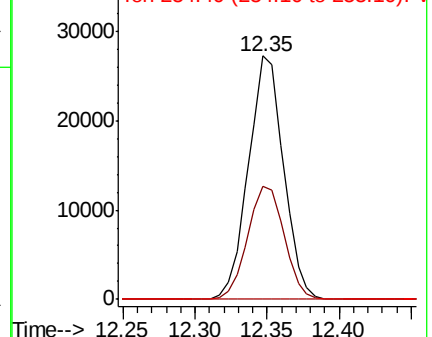
173 100

175 48.1 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

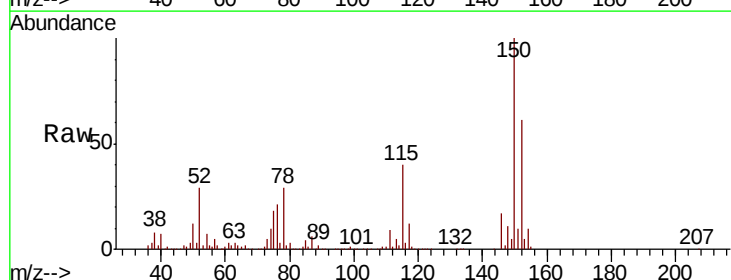
Tgt Ion:152 Resp: 135139

Ion Ratio Lower Upper

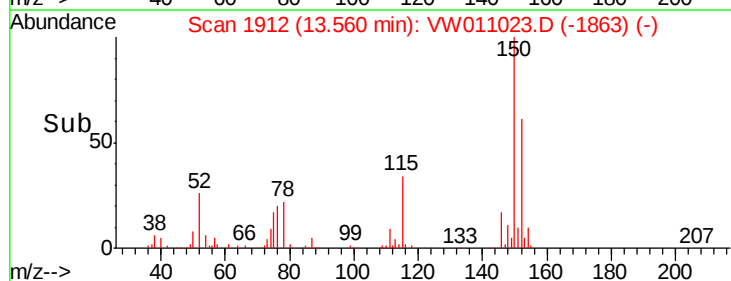
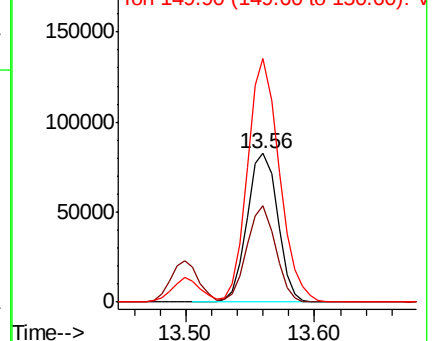
152 100

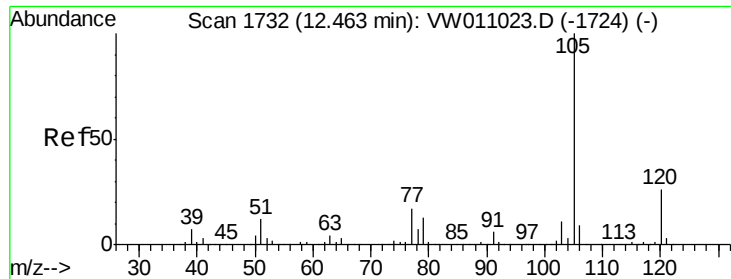
115 61.4 30.7 92.1

150 170.9 0.0 341.8



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: 48.173 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

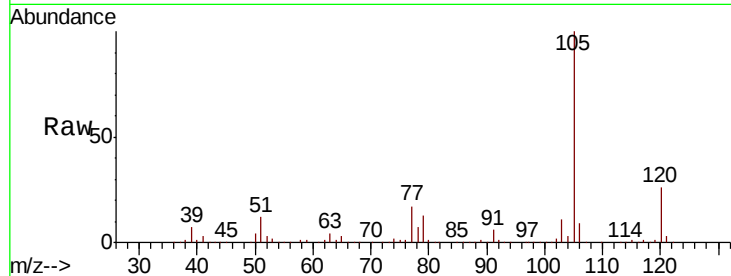
ClientSampleId :

Tot Ion:105 Resp: 487613

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

300000

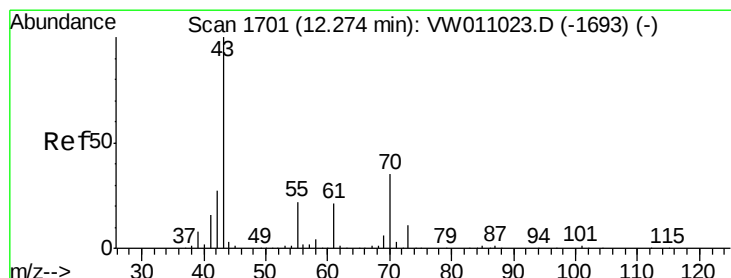
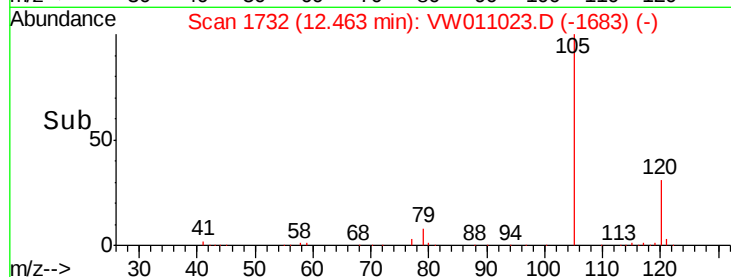
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 51.002 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Tgt Ion: 43 Resp: 169341

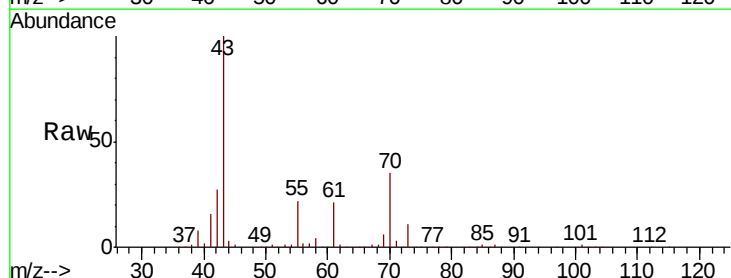
Ion Ratio Lower Upper

43 100

70 35.3 28.2 42.4

55 22.3 17.8 26.8

61 20.7 16.6 24.8



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

12.27

150000

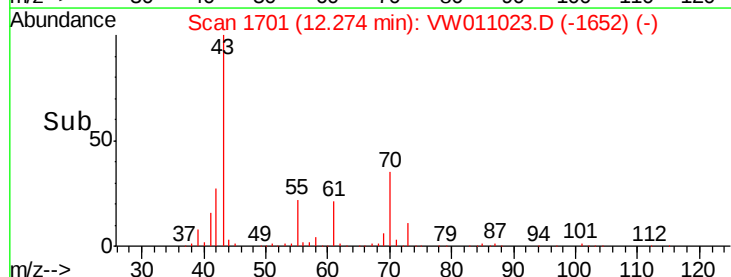
100000

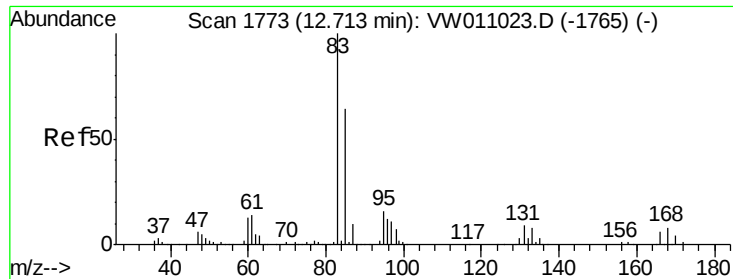
50000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 49.084 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

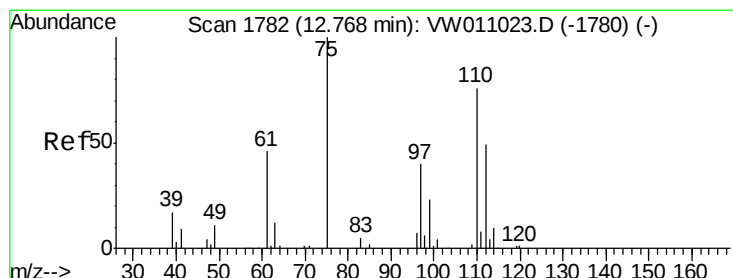
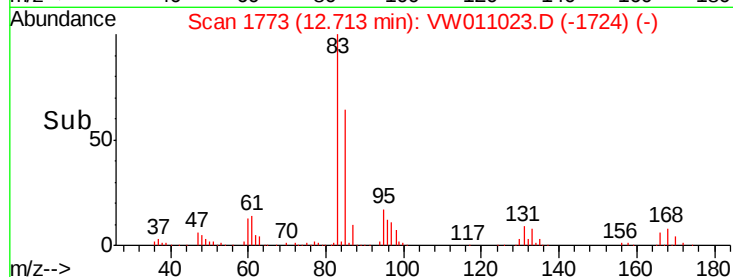
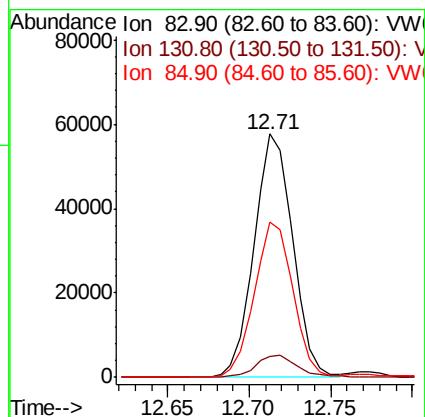
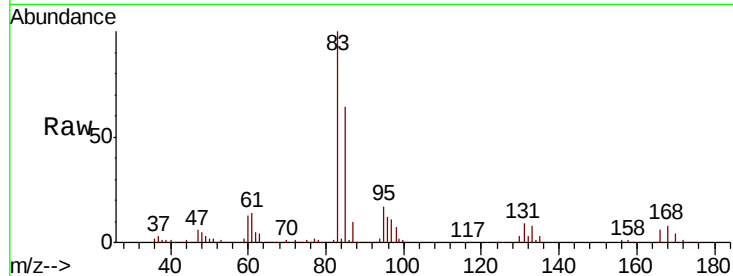
Tot Ion: 83 Resp: 95309

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.165 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011023.D

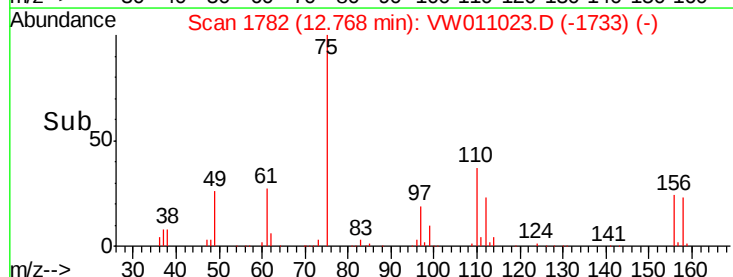
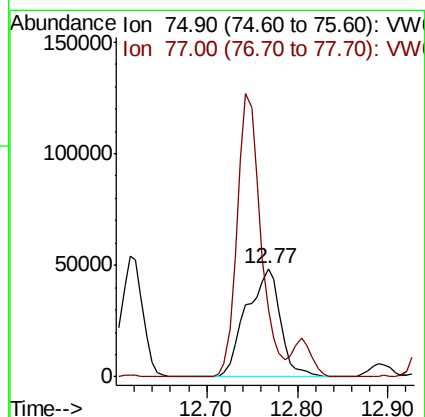
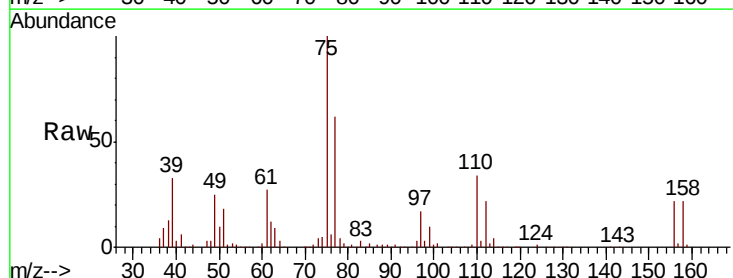
Acq: 27 Jun 2019 16:22

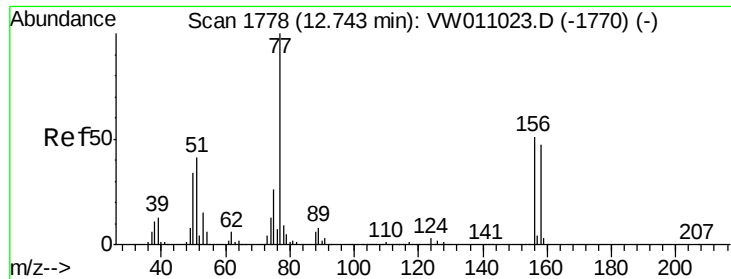
Tgt Ion: 75 Resp: 125604

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.961 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

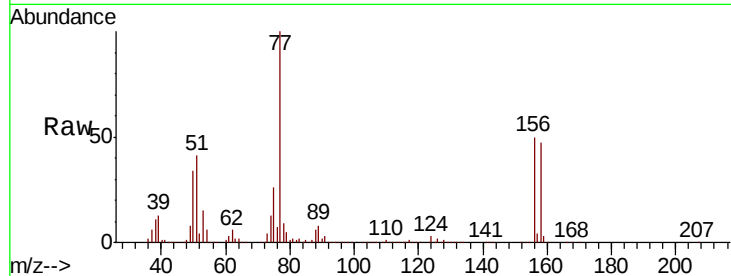
Tot Ion:156 Resp: 105890

Ion Ratio Lower Upper

156 100

77 219.0 109.5 328.5

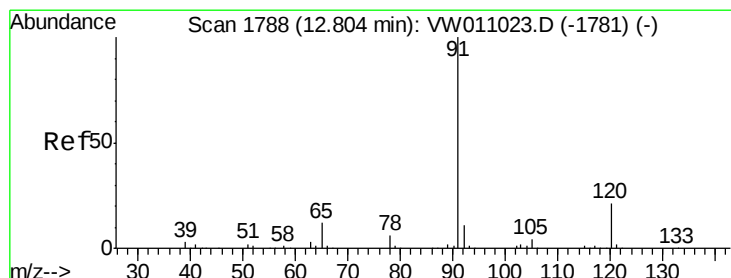
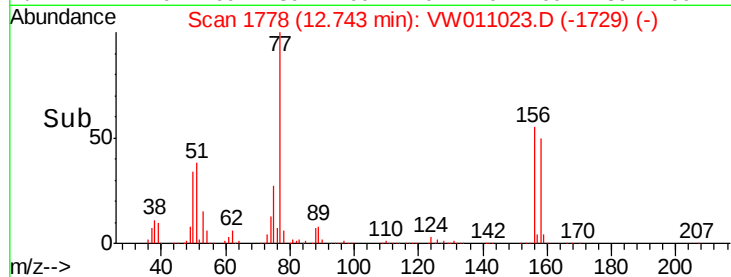
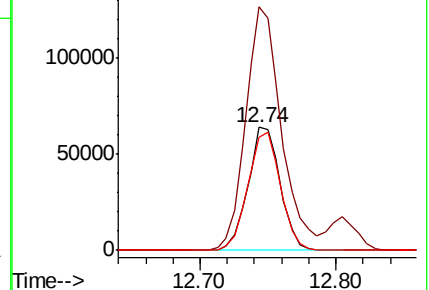
158 97.3 48.6 145.9



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: 49.630 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011023.D

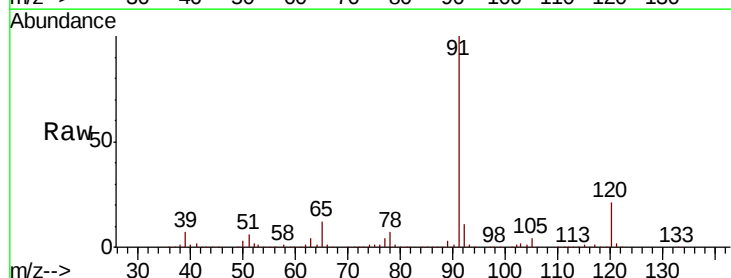
Acq: 27 Jun 2019 16:22

Tgt Ion: 91 Resp: 609046

Ion Ratio Lower Upper

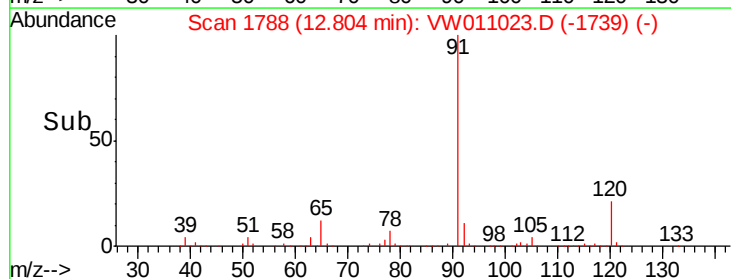
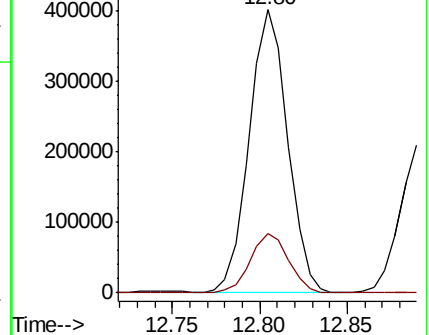
91 100

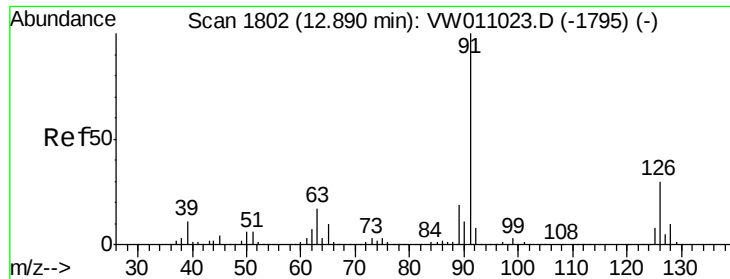
120 21.1 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

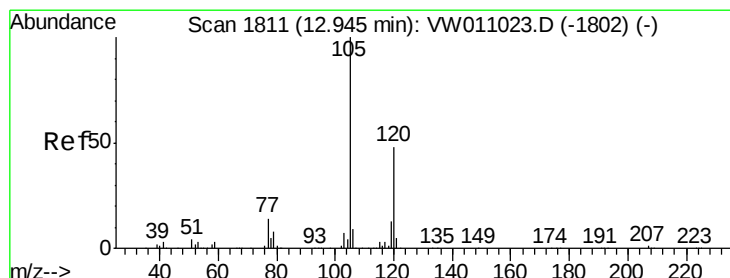
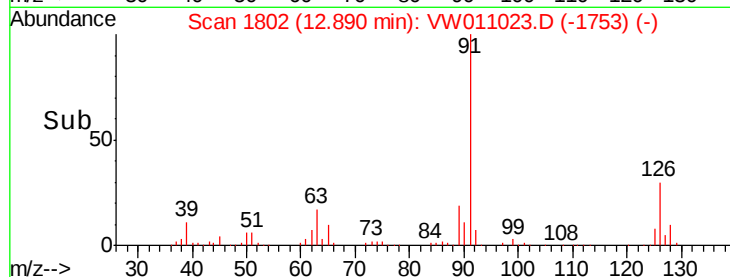
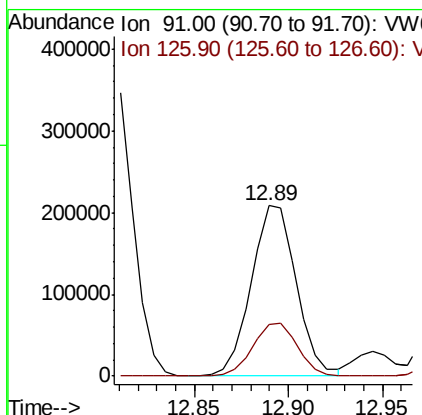
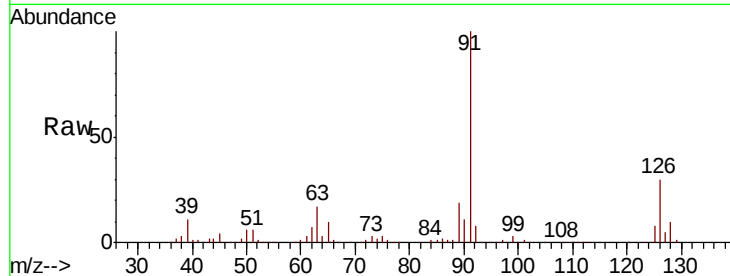




#79
 2-Chlorotoluene
 Concen: 49.276 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

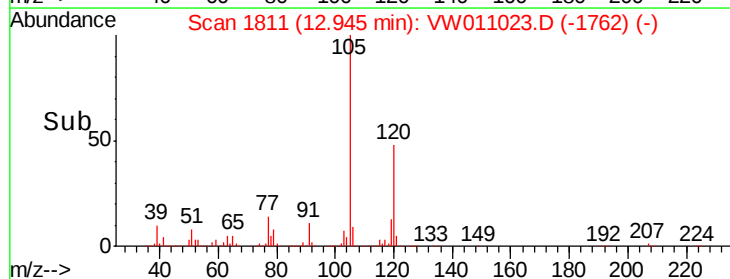
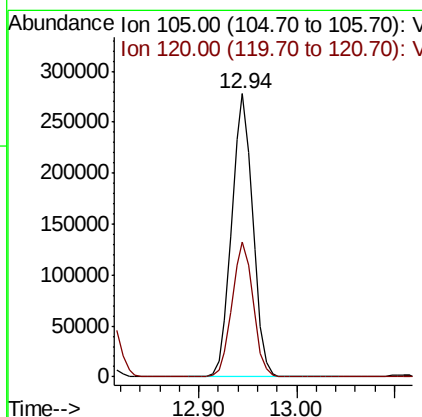
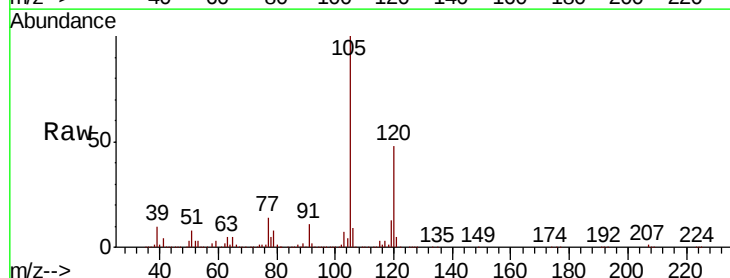
Instrument :
 MSVOA_W
 ClientSampleId :

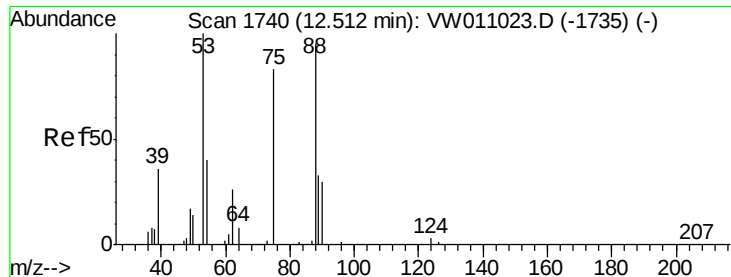
Tot Ion: 91 Resp: 345451
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.4 46.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.945 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion:105 Resp: 416941
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 48.515 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

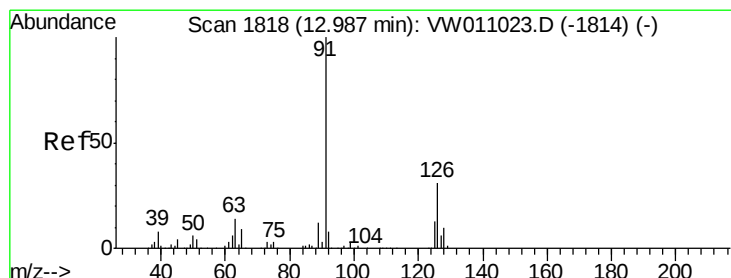
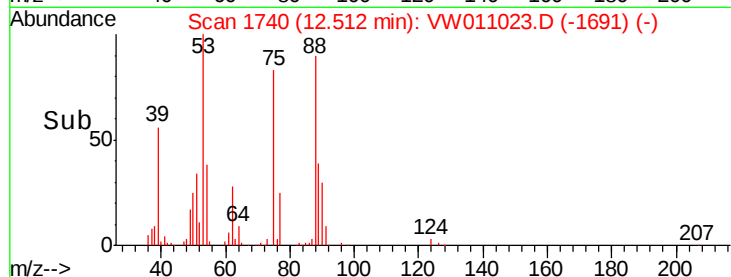
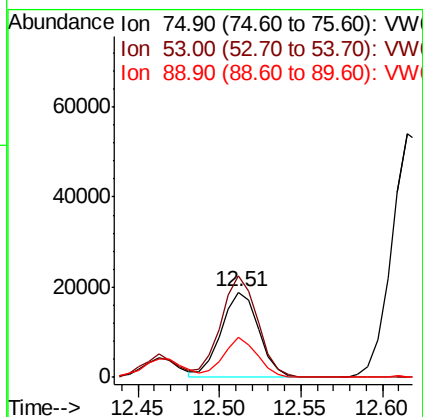
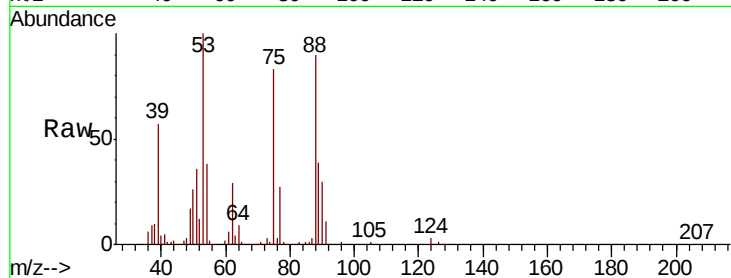
Tot Ion: 75 Resp: 29836

Ion Ratio Lower Upper

75 100

53 119.5 95.6 143.4

89 43.0 34.4 51.6



#82

4-Chlorotoluene

Concen: 49.405 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011023.D

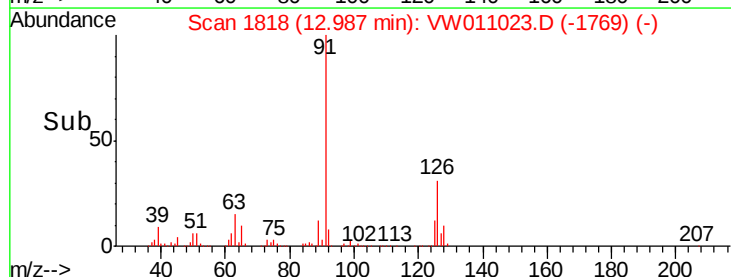
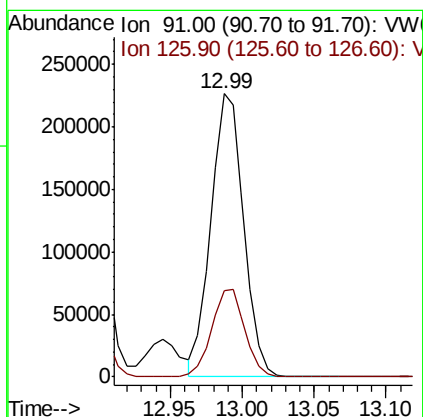
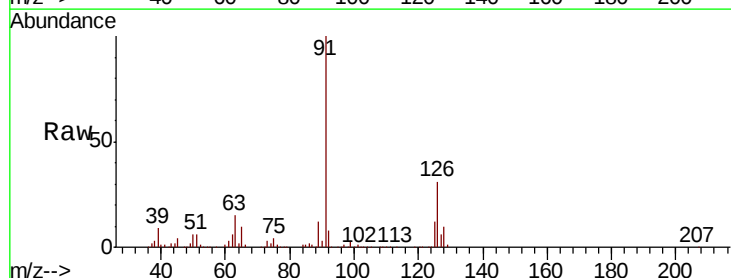
Acq: 27 Jun 2019 16:22

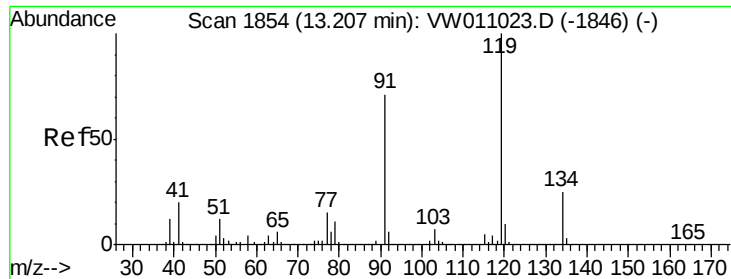
Tgt Ion: 91 Resp: 357991

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.1

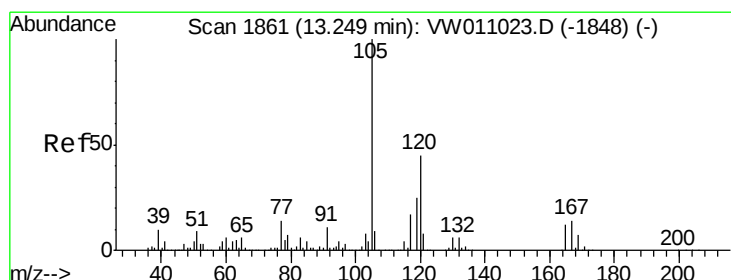
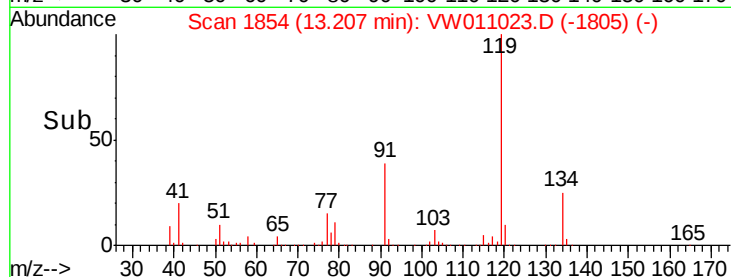
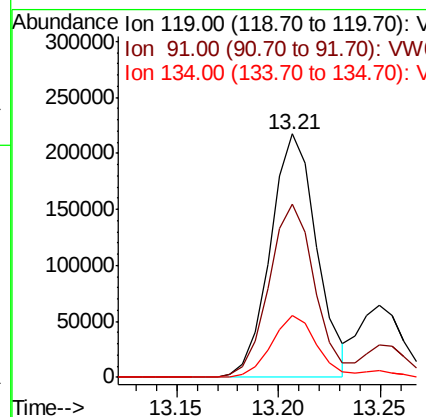
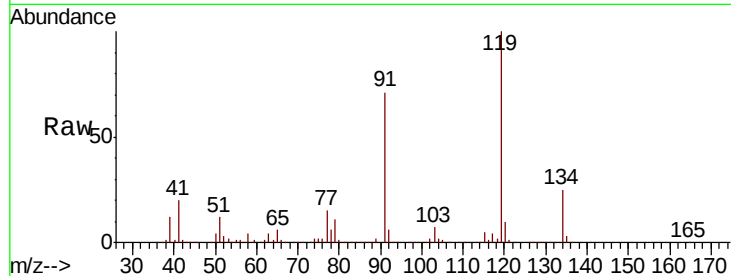




#83
tert-Butylbenzene
Concen: 48.919 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

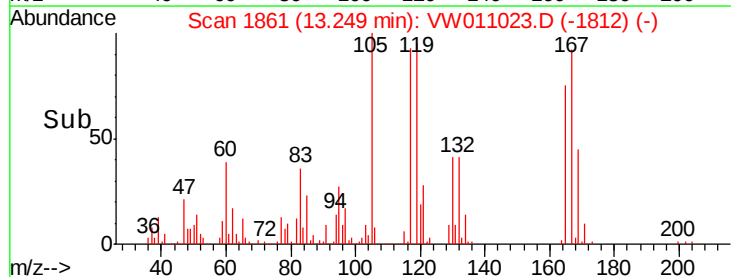
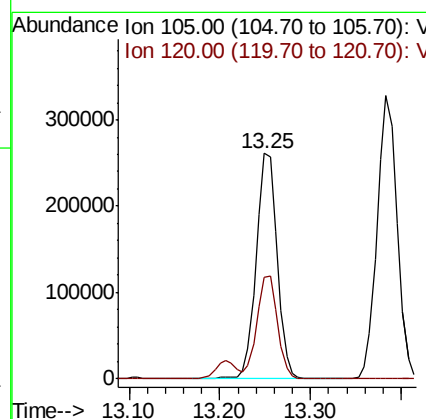
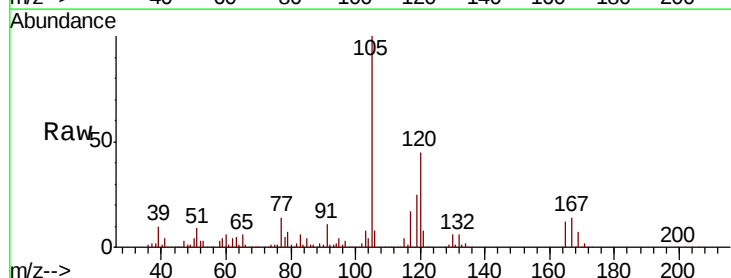
Instrument :
MSVOA_W
ClientSampled :

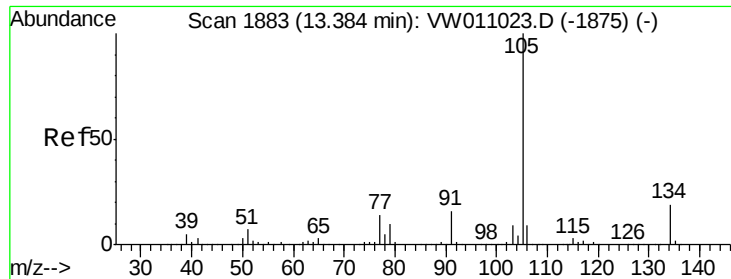
Tot Ion:119 Resp: 345072
Ion Ratio Lower Upper
119 100
91 71.0 35.5 106.5
134 24.8 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 49.738 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:105 Resp: 417783
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.2

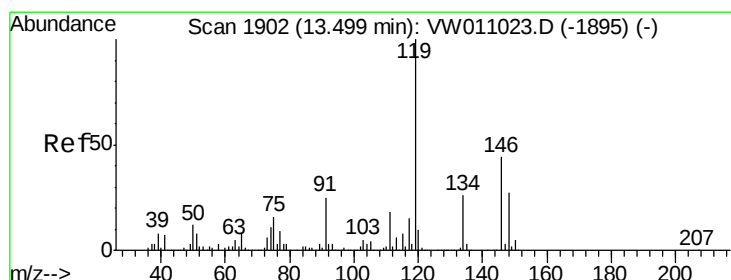
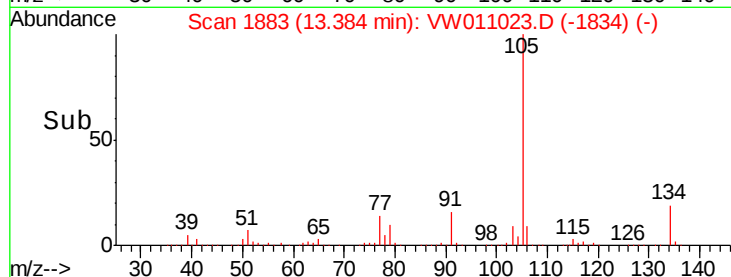
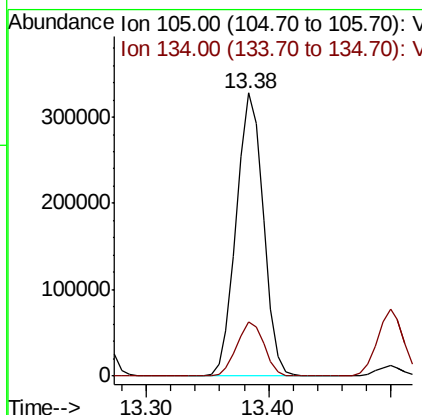
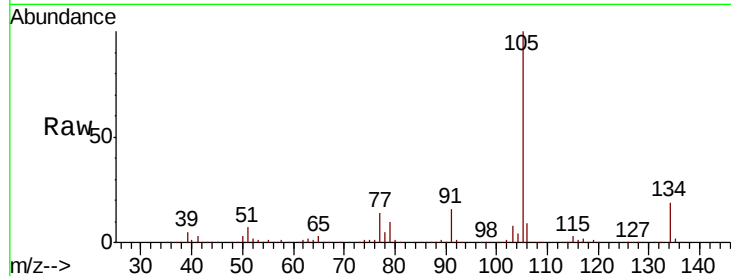




#85
 sec-Butylbenzene
 Concen: 48.833 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

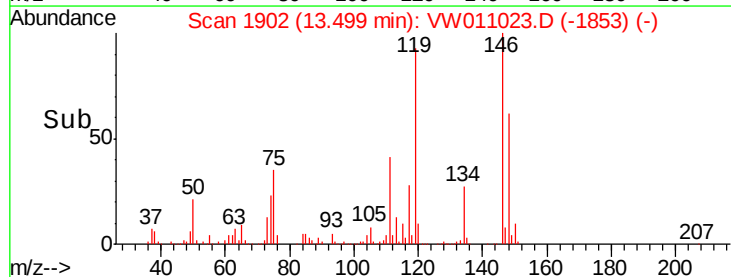
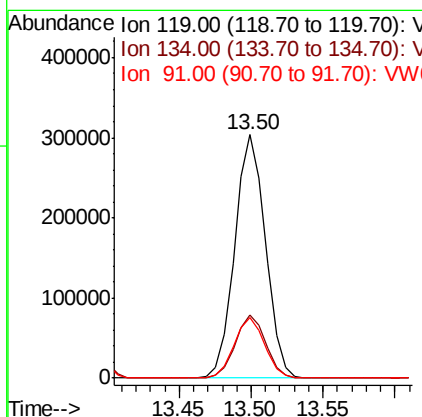
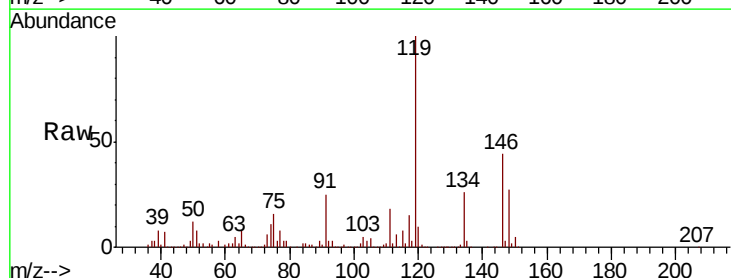
Instrument :
 MSVOA_W
 ClientSampleId :

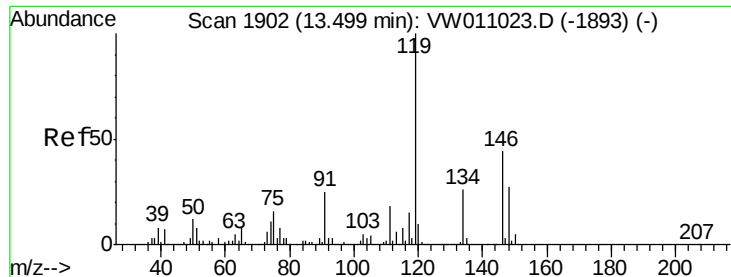
Tot Ion:105 Resp: 501155
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 48.903 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion:119 Resp: 449264
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.157 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

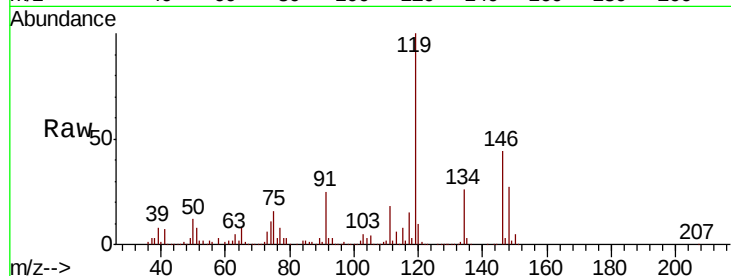
Tot Ion:146 Resp: 210095

Ion Ratio Lower Upper

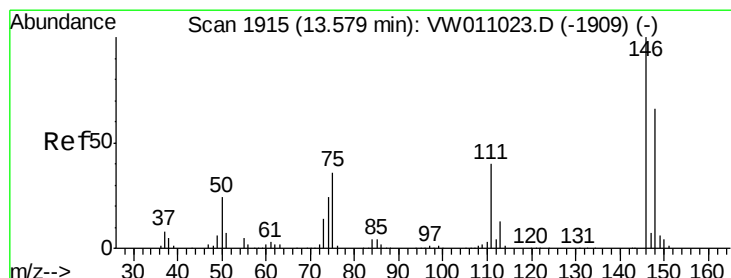
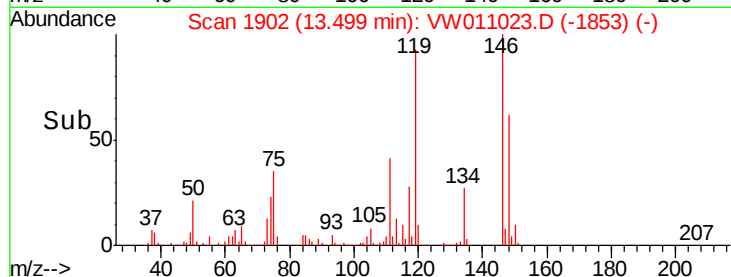
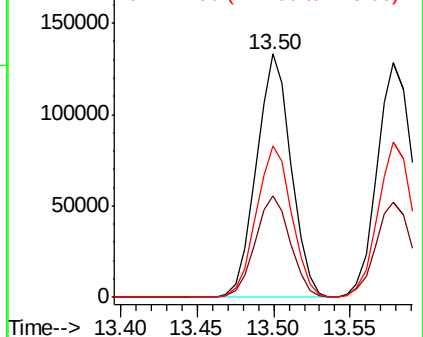
146 100

111 41.9 20.9 62.8

148 63.6 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.601 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

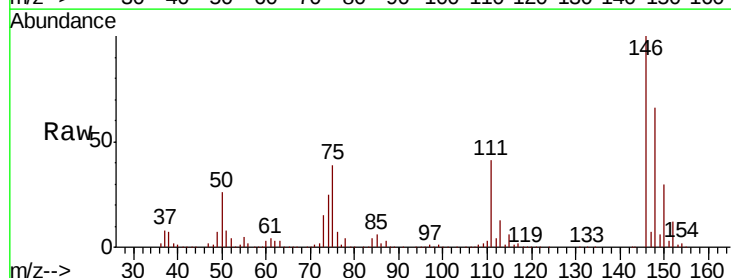
Tgt Ion:146 Resp: 206497

Ion Ratio Lower Upper

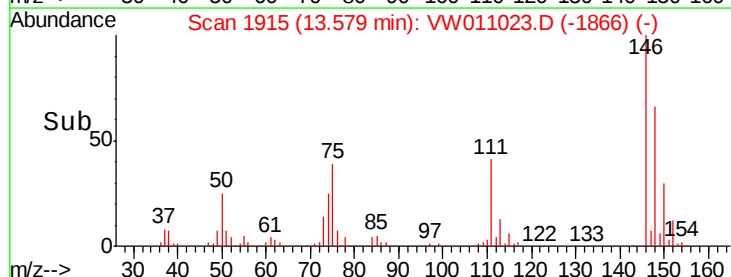
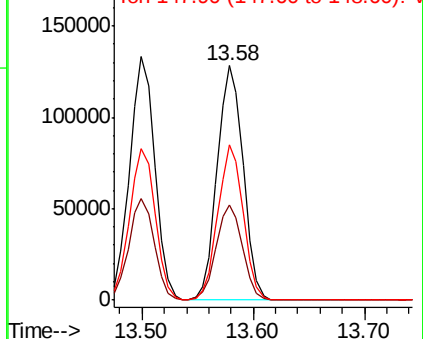
146 100

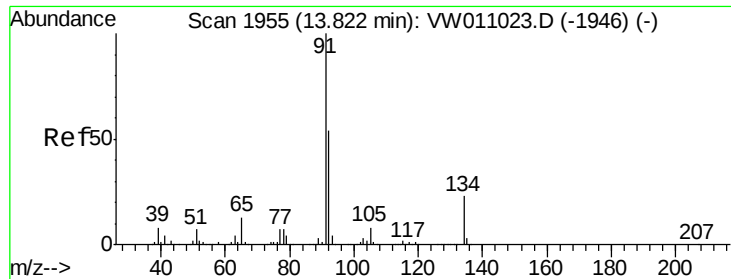
111 41.3 20.6 61.9

148 64.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.023 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

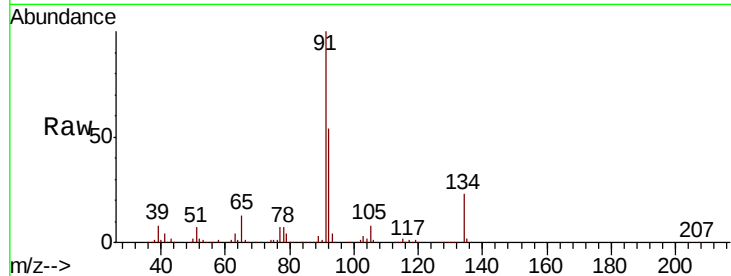
Tot Ion: 91 Resp: 459795

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

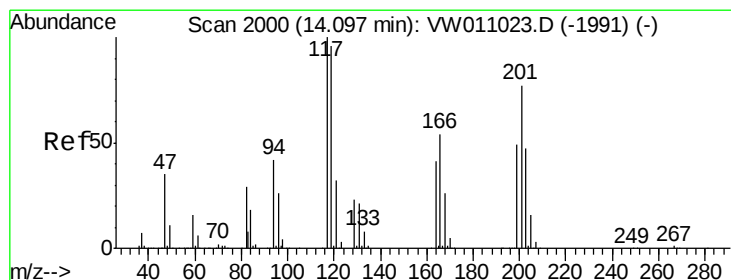
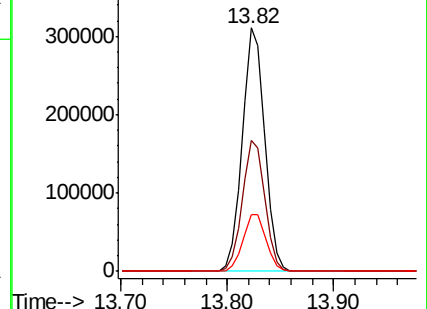
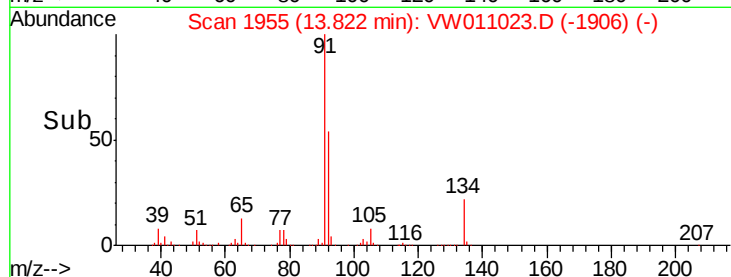
134 24.1 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.883 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011023.D

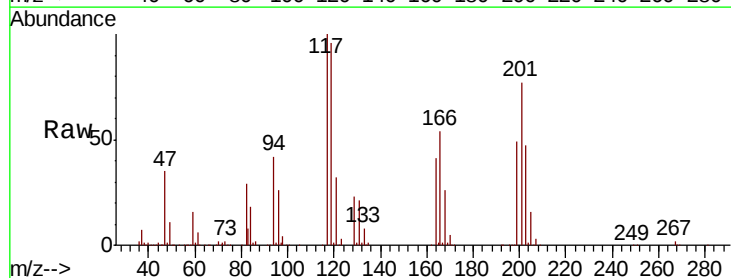
Acq: 27 Jun 2019 16:22

Tgt Ion: 117 Resp: 78049

Ion Ratio Lower Upper

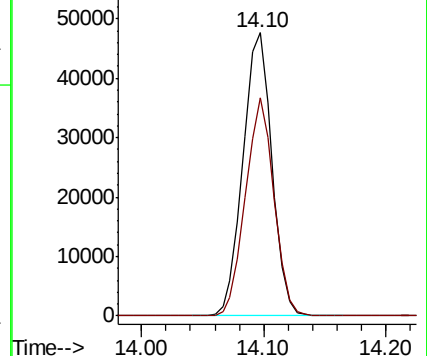
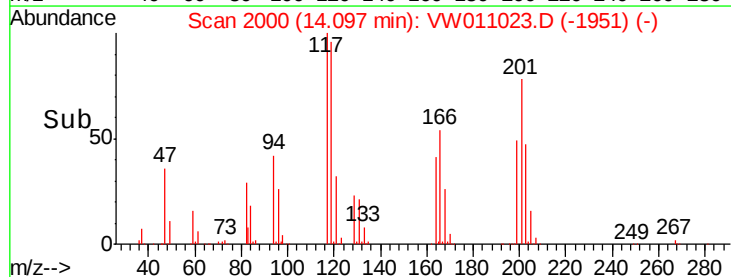
117 100

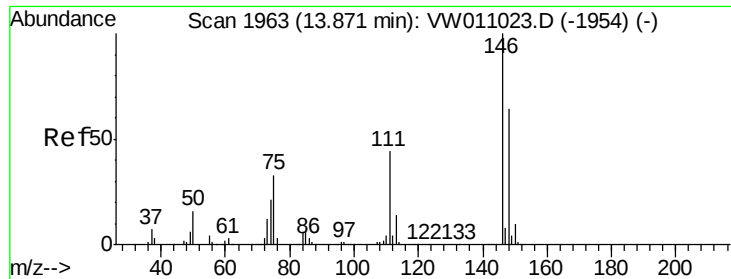
201 76.0 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.050 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

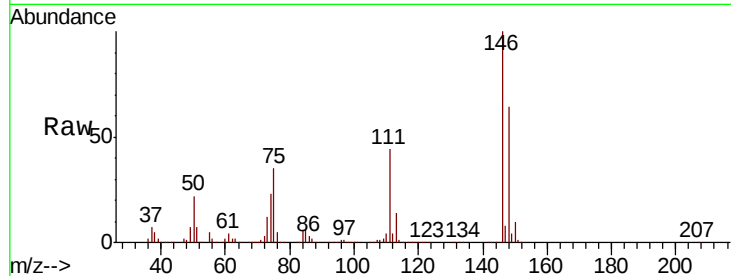
Tot Ion:146 Resp: 189400

Ion Ratio Lower Upper

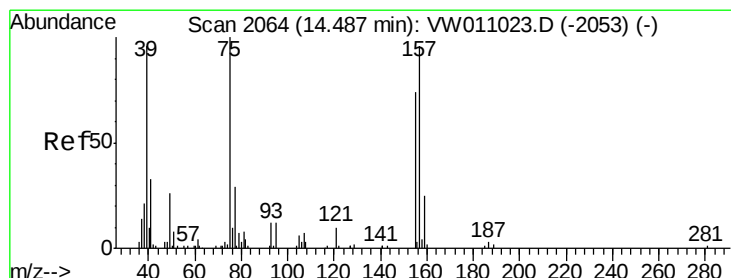
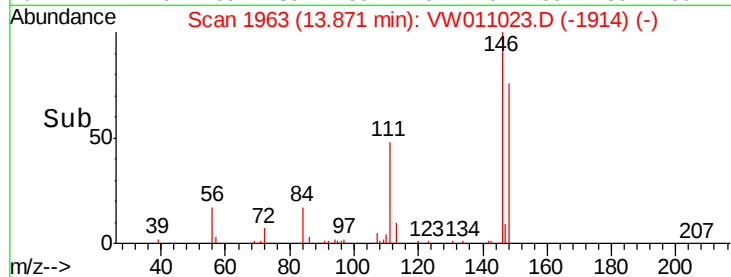
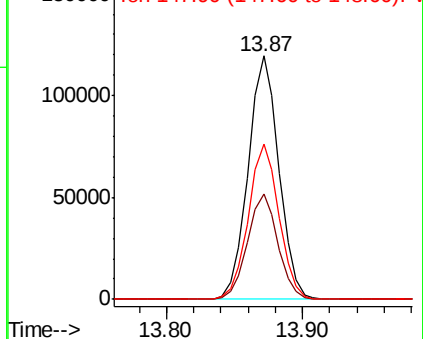
146 100

111 42.9 21.4 64.3

148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.441 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

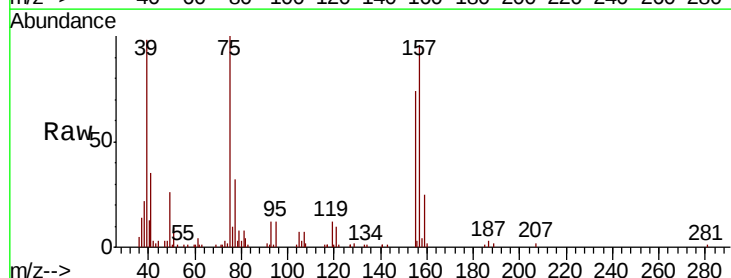
Tgt Ion: 75 Resp: 16574

Ion Ratio Lower Upper

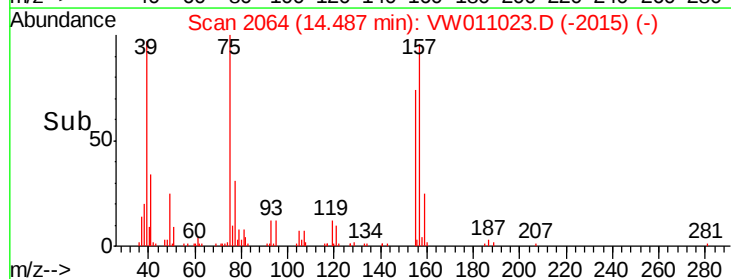
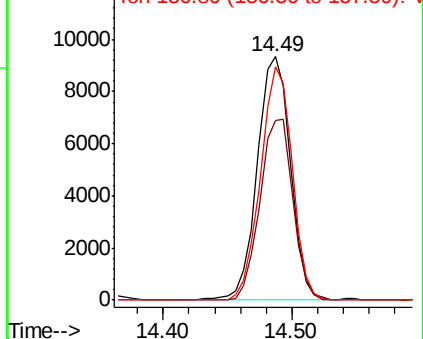
75 100

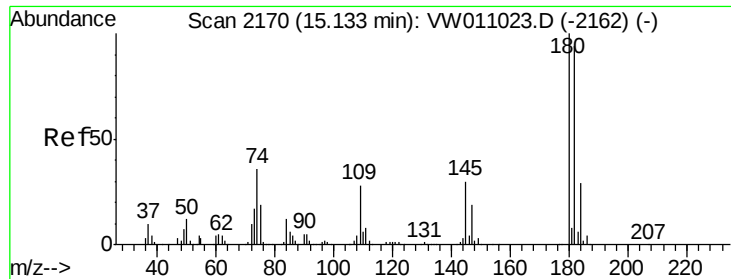
155 73.9 37.0 110.9

157 91.8 45.9 137.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

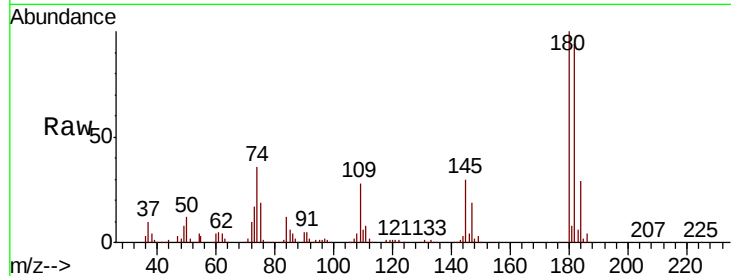




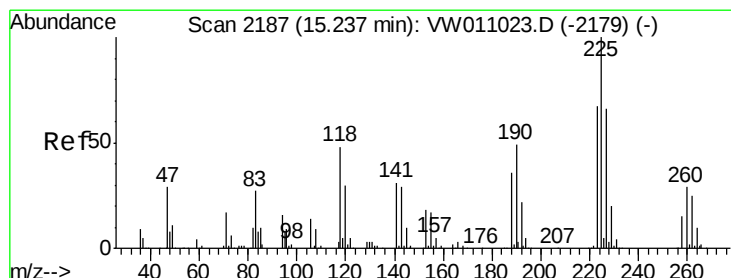
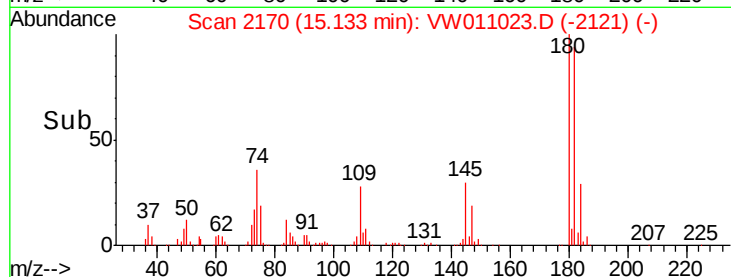
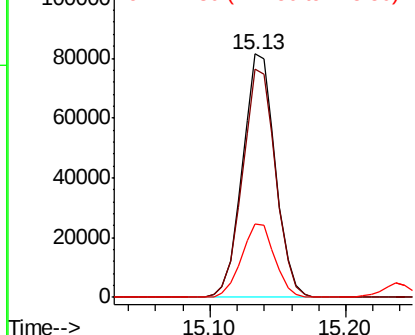
#93
 1,2,4-Trichlorobenzene
 Concen: 50.573 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 136954
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 30.5 15.3 45.8

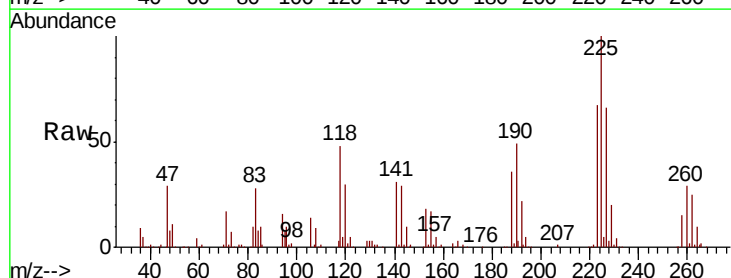


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

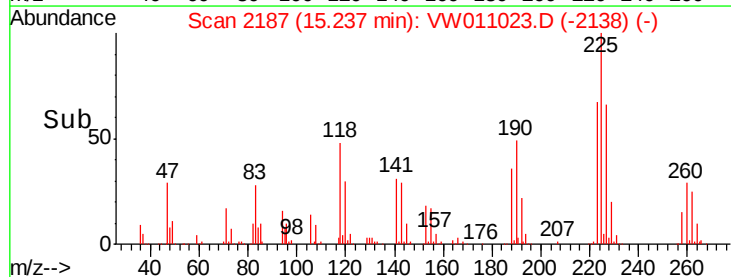
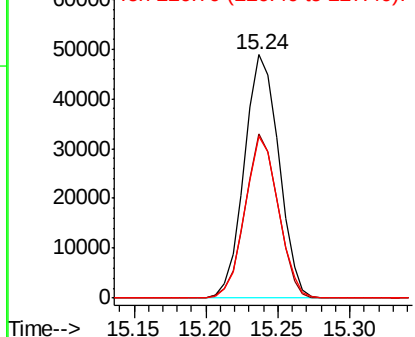


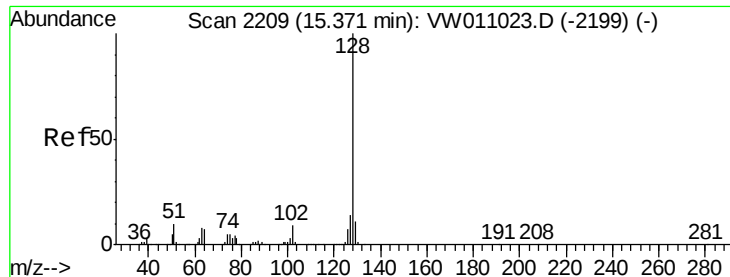
#94
 Hexachlorobutadiene
 Concen: 48.111 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion:225 Resp: 81214
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.9 95.9
 227 63.9 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

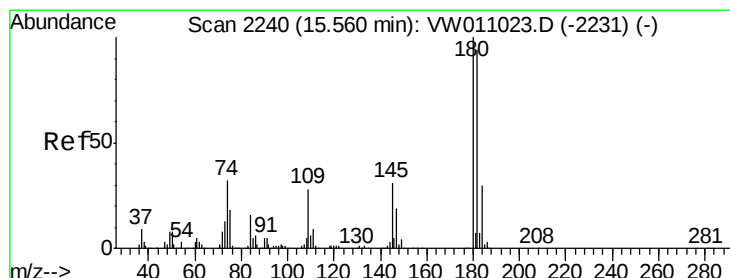
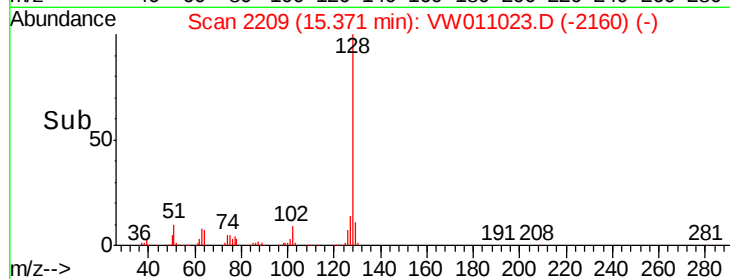
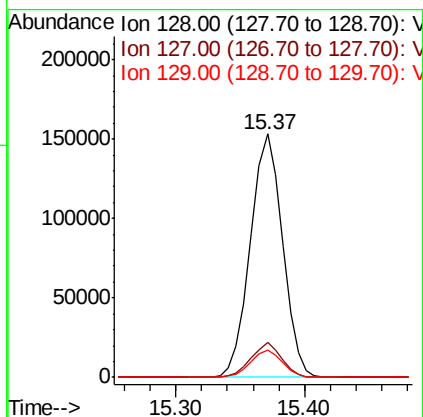
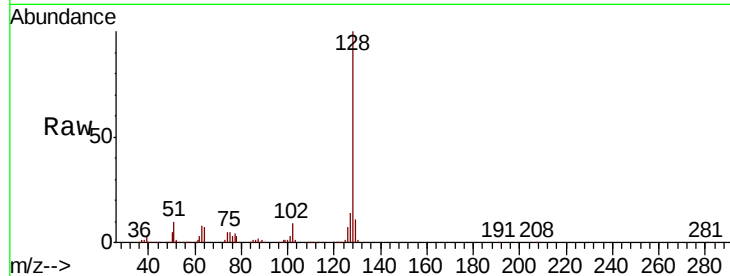




#95
Naphthalene
Concen: 53.177 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 264648
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.197 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:180 Resp: 120943
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 32.1 16.1 48.2

