

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011077.D
 Acq On : 01 Jul 2019 11:47
 Operator : SY/VA
 Sample : VW0701SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

Quant Time: Jul 02 08:34:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151393	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	144120	51.56	ug/l	0.00
Spiked Amount						
			Recovery	=	103.12%	
35) Dibromofluoromethane	7.88	113	111418	52.72	ug/l	0.00
Spiked Amount						
			Recovery	=	105.44%	
50) Toluene-d8	10.32	98	463100	53.24	ug/l	0.00
Spiked Amount						
			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	168189	52.86	ug/l	0.00
Spiked Amount						
			Recovery	=	105.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	40396	25.063	ug/l	97
3) Chloromethane	2.21	50	48565	22.477	ug/l	98
4) Vinyl Chloride	2.35	62	64485	22.921	ug/l	99
5) Bromomethane	2.77	94	29965	21.398	ug/l	100
6) Chloroethane	2.92	64	32484	21.901	ug/l	97
7) Trichlorofluoromethane	3.24	101	20415	24.694	ug/l	95
8) Diethyl Ether	3.68	74	27875	21.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52283	22.486	ug/l	99
10) Methyl Iodide	4.28	142	70745	21.747	ug/l	99
11) Tert butyl alcohol	5.17	59	20313	100.065	ug/l	100
12) 1,1-Dichloroethene	4.04	96	52531	21.705	ug/l	94
13) Acrolein	3.89	56	18139	114.587	ug/l	99
14) Allyl chloride	4.66	41	90624	23.265	ug/l	99
15) Acrylonitrile	5.36	53	71934	111.567	ug/l	99
16) Acetone	4.12	43	69526	101.907	ug/l	99
17) Carbon Disulfide	4.38	76	155065	22.584	ug/l	99
18) Methyl Acetate	4.66	43	41523	23.495	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	77027	22.486	ug/l	98
20) Methylene Chloride	4.92	84	59208	21.359	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54099	21.692	ug/l	95
22) Diisopropyl ether	6.31	45	206498	22.029	ug/l	98
23) Vinyl Acetate	6.25	43	630487	109.161	ug/l	99
24) 1,1-Dichloroethane	6.21	63	108142	21.856	ug/l	99
25) 2-Butanone	7.17	43	109059	105.163	ug/l	98
26) 2,2-Dichloropropane	7.16	77	54894	21.368	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57472	21.403	ug/l	100
28) Bromochloromethane	7.51	49	46364	20.128	ug/l	99
29) Tetrahydrofuran	7.52	42	72132	111.734	ug/l	99
30) Chloroform	7.67	83	98038	21.810	ug/l	99
31) Cyclohexane	7.95	56	115922	21.682	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76395	22.743	ug/l	98
36) 1,1-Dichloropropene	8.08	75	83461	22.438	ug/l	99
37) Ethyl Acetate	7.26	43	49358	22.810	ug/l	98
38) Carbon Tetrachloride	8.06	117	69367	22.645	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103179	22.540	ug/l	98
40) Benzene	8.32	78	226357	22.125	ug/l	98
41) Methacrylonitrile	7.48	41	25723	19.539	ug/l	90
42) 1,2-Dichloroethane	8.40	62	73873	22.022	ug/l	99
43) Isopropyl Acetate	8.42	43	92871	22.687	ug/l	99
44) Trichloroethene	9.09	130	54247	21.940	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61329	22.075	ug/l	98
46) Dibromomethane	9.46	93	28212	21.713	ug/l	99
47) Bromodichloromethane	9.64	83	71799	22.319	ug/l	97
48) Methyl methacrylate	9.43	41	43915	22.125	ug/l	99
49) 1,4-Dioxane	9.45	88	9391	429.860	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	241683	112.161	ug/l	100
52) Toluene	10.38	92	139724	22.308	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	75490	22.529	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	89406	22.368	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39726	21.641	ug/l	99
56) Ethyl methacrylate	10.65	69	60171	21.889	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76617	21.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	134908	96.997	ug/l	99
59) 2-Hexanone	10.97	43	168936	112.423	ug/l	100
60) Dibromochloromethane	11.13	129	42431	22.042	ug/l	100
61) 1,2-Dibromoethane	11.23	107	37972	22.096	ug/l	100
64) Tetrachloroethene	10.86	164	45776	21.671	ug/l	97
65) Chlorobenzene	11.66	112	138719	22.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47238	22.143	ug/l	100
67) Ethyl Benzene	11.73	91	267673	22.242	ug/l	99
68) m/p-Xylenes	11.84	106	195375	44.741	ug/l	100
69) o-Xylene	12.16	106	89716	22.057	ug/l	99
70) Styrene	12.18	104	158311	22.399	ug/l	100
71) Bromoform	12.35	173	23504	22.600	ug/l #	99
73) Isopropylbenzene	12.46	105	254309	22.423	ug/l	100
74) N-amyl acetate	12.27	43	87720	23.030	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50066	22.480	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	65897	41.229	ug/l #	100
77) Bromobenzene	12.75	156	55058	22.086	ug/l	100
78) n-propylbenzene	12.80	91	312600	22.257	ug/l	99
79) 2-Chlorotoluene	12.89	91	179720	22.398	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	216130	22.484	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15365	22.879	ug/l	99
82) 4-Chlorotoluene	12.99	91	187149	22.382	ug/l	100
83) tert-Butylbenzene	13.21	119	182464	22.762	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	216997	22.333	ug/l	100
85) sec-Butylbenzene	13.38	105	264296	22.696	ug/l	100
86) p-Isopropyltoluene	13.50	119	236459	22.565	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109503	22.206	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110463	22.440	ug/l	99
89) n-Butylbenzene	13.82	91	241410	22.665	ug/l	100
90) Hexachloroethane	14.10	117	40522	22.600	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	98953	22.343	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9129	24.119	ug/l	96

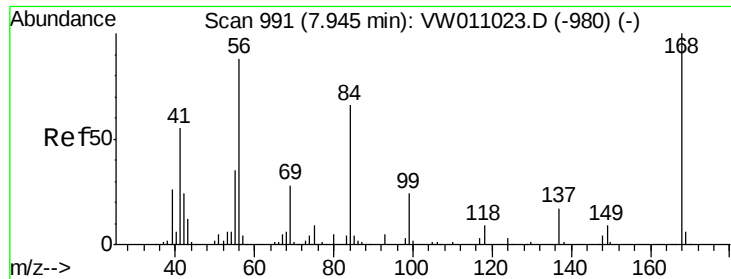
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72353	23.219	ug/l	100
94) Hexachlorobutadiene	15.24	225	43958	23.258	ug/l	99
95) Naphthalene	15.37	128	134761	23.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	62604	22.500	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: VW011077.D

Acq: 01 Jul 2019 11:47

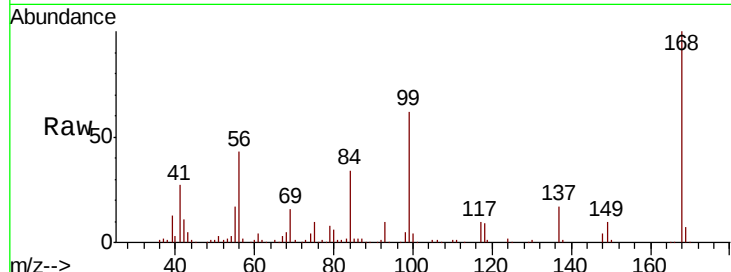
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

Tot Ion:168 Resp: 213807

Ion Ratio Lower Upper

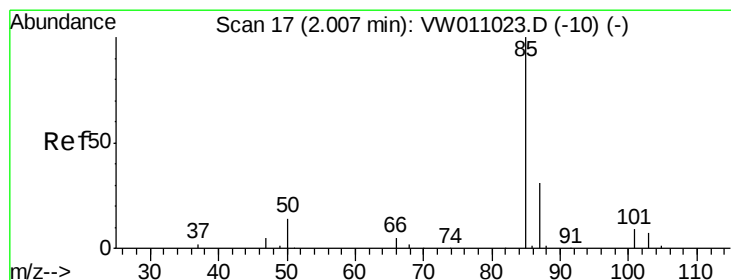
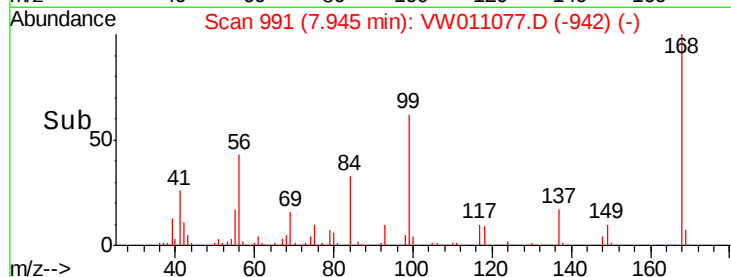
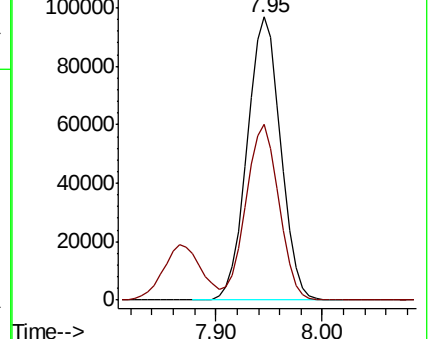
168 100

99 62.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 25.063 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011077.D

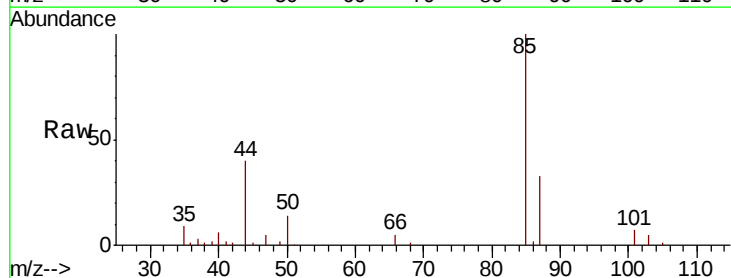
Acq: 01 Jul 2019 11:47

Tgt Ion: 85 Resp: 40396

Ion Ratio Lower Upper

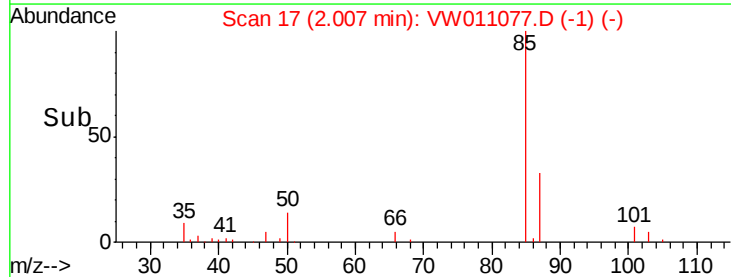
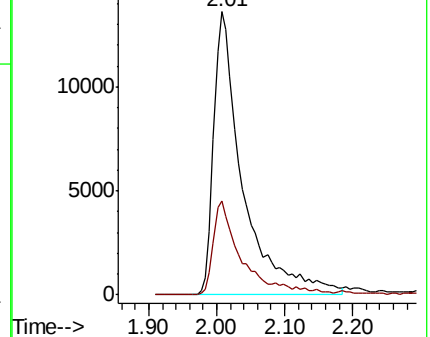
85 100

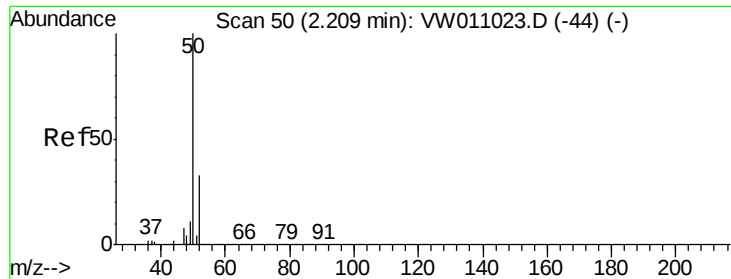
87 33.0 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.477 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

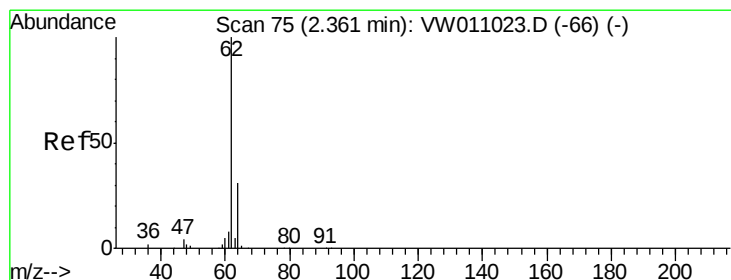
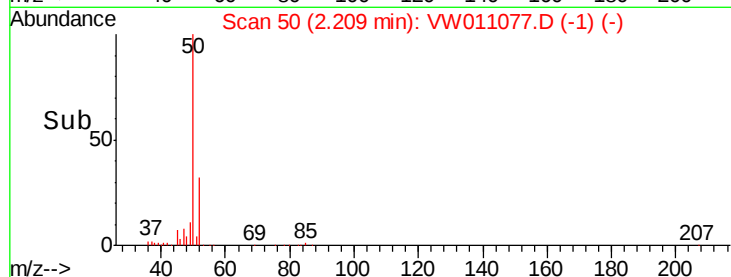
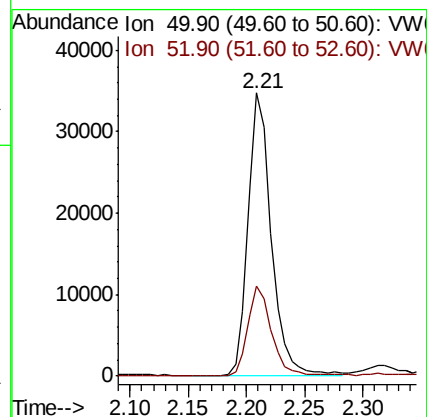
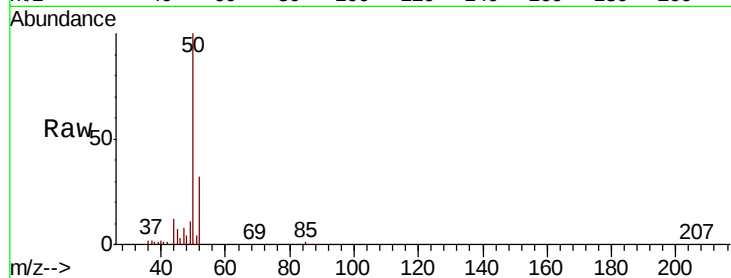
VW0701SBSD01

Tot Ion: 50 Resp: 48565

Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



#4

Vinyl Chloride

Concen: 22.921 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011077.D

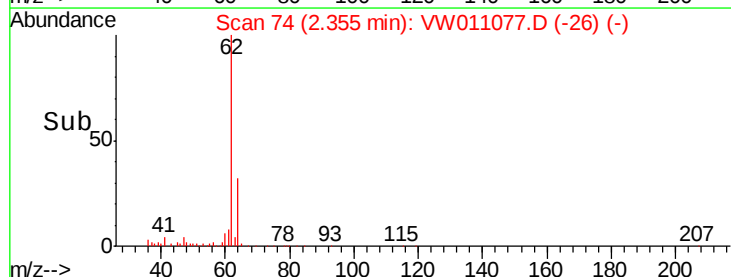
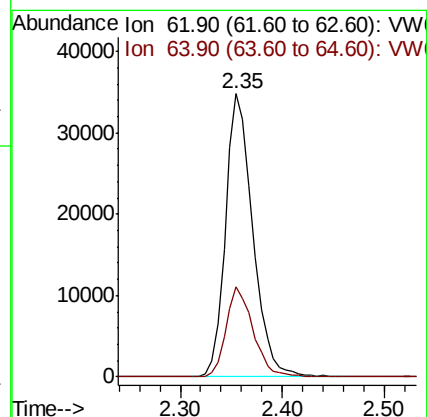
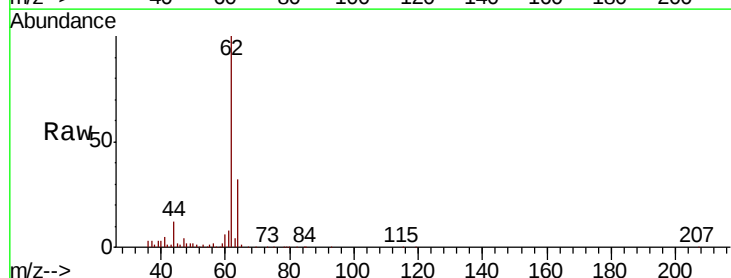
Acq: 01 Jul 2019 11:47

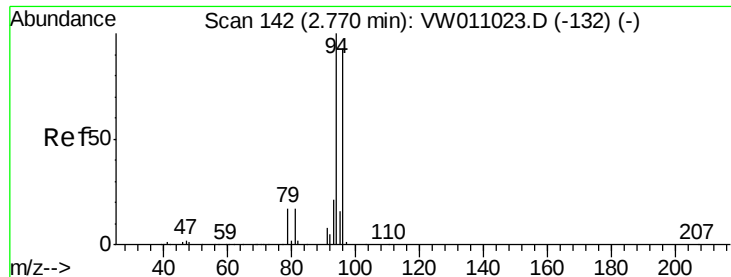
Tgt Ion: 62 Resp: 64485

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 21.398 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

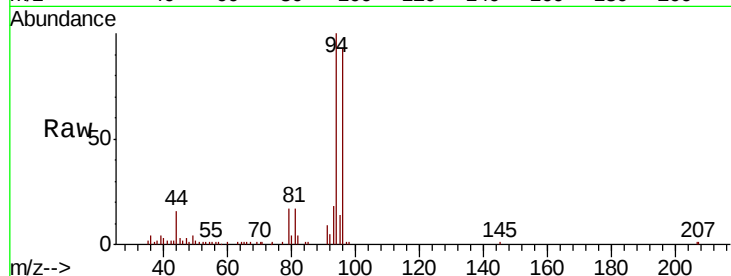
VW0701SBSD01

Tot Ion: 94 Resp: 29965

Ion Ratio Lower Upper

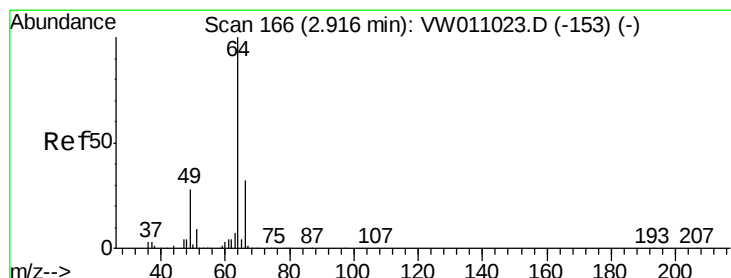
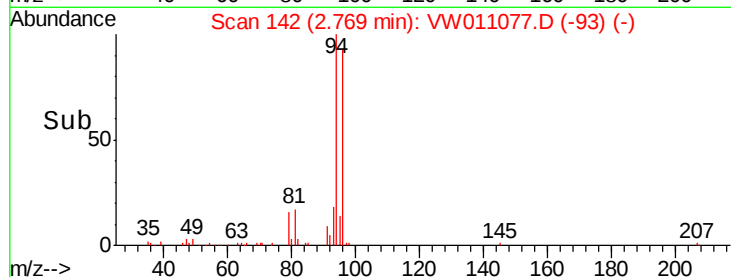
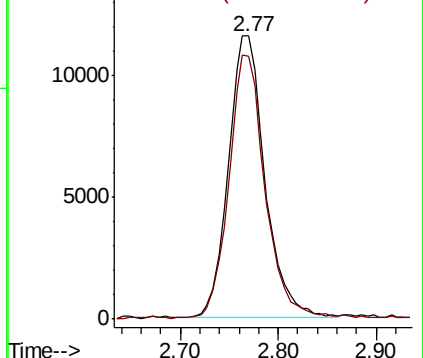
94 100

96 92.8 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.901 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW011077.D

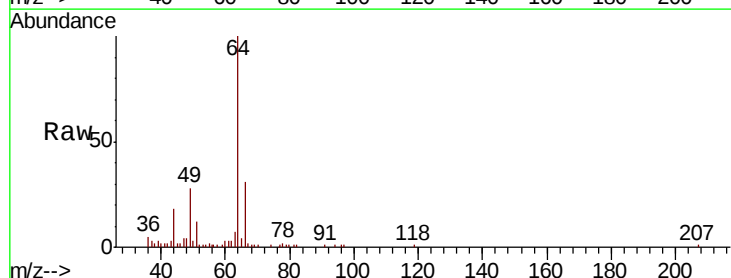
Acq: 01 Jul 2019 11:47

Tgt Ion: 64 Resp: 32484

Ion Ratio Lower Upper

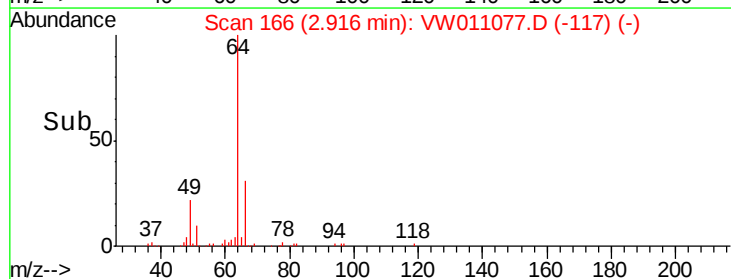
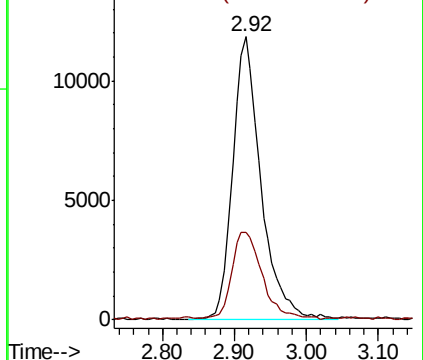
64 100

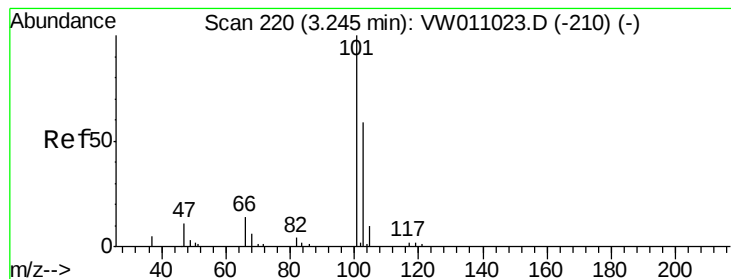
66 30.6 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



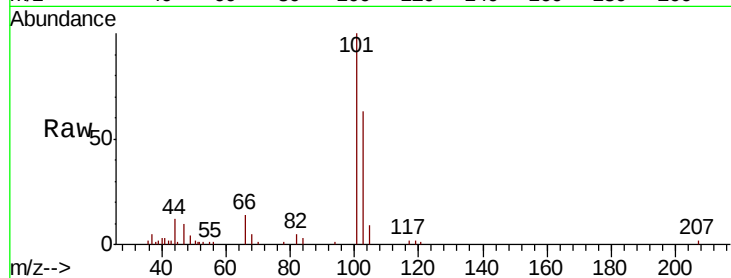


#7

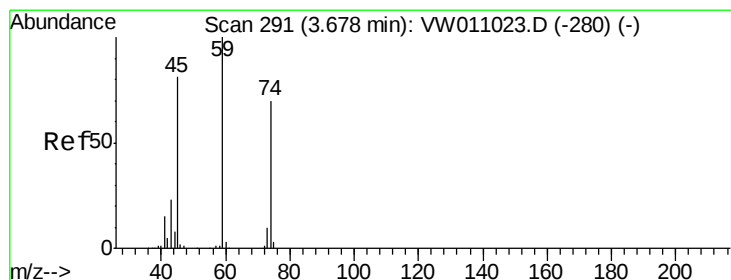
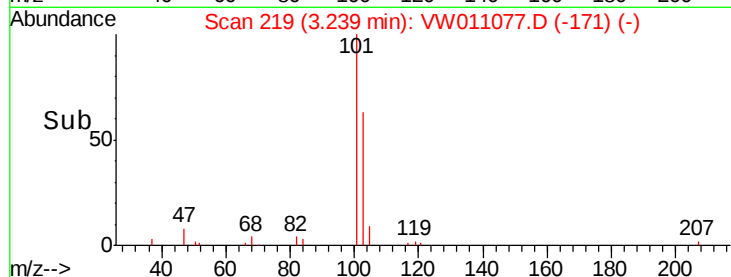
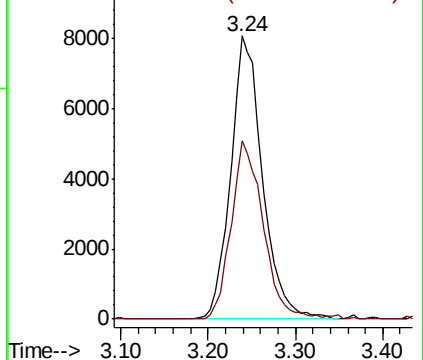
Trichlorofluoromethane
 Concen: 24.694 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

Tot Ion:101 Resp: 20415
 Ion Ratio Lower Upper
 101 100
 103 63.2 47.5 71.3



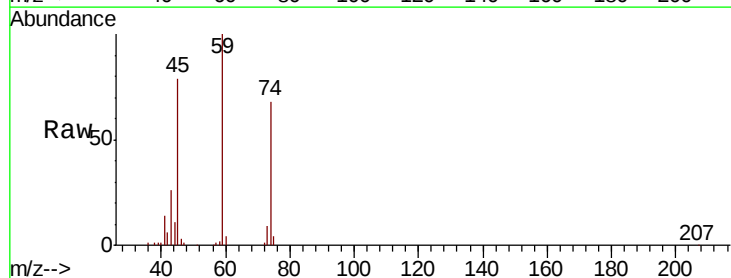
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



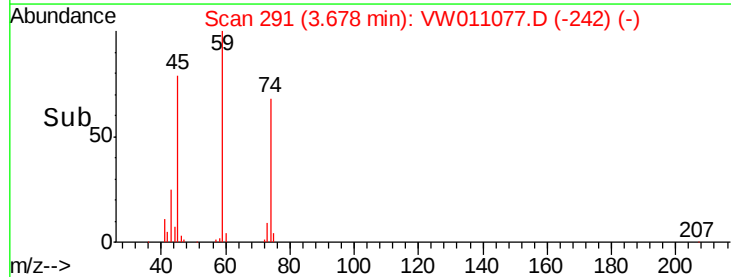
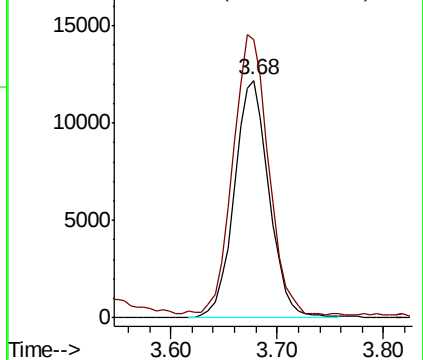
#8

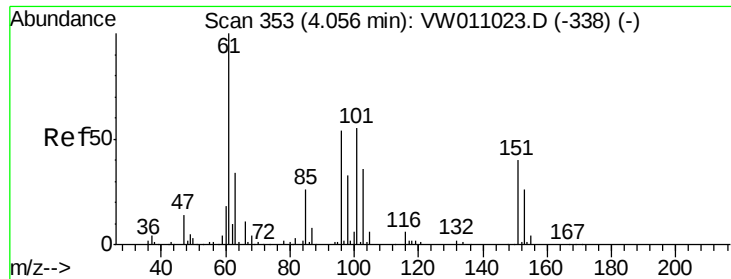
Diethyl Ether
 Concen: 21.290 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion: 74 Resp: 27875
 Ion Ratio Lower Upper
 74 100
 45 121.5 59.5 178.5



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.486 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBSD01

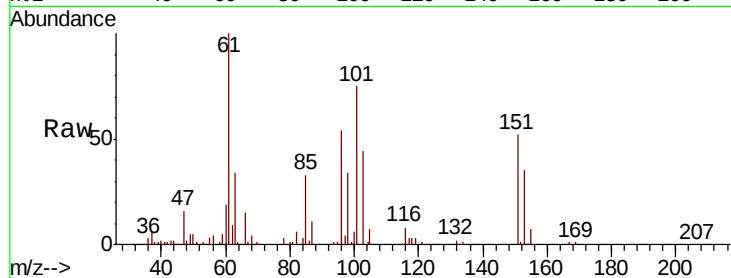
Tot Ion:101 Resp: 52283

Ion Ratio Lower Upper

101 100

85 45.8 36.6 55.0

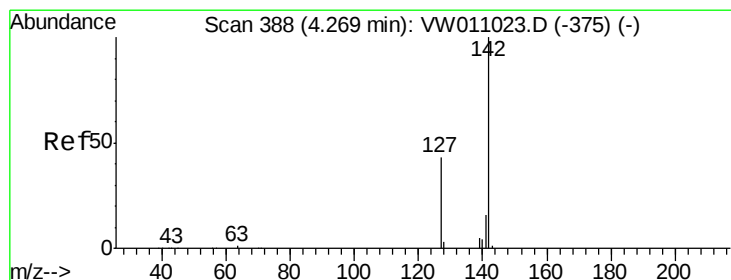
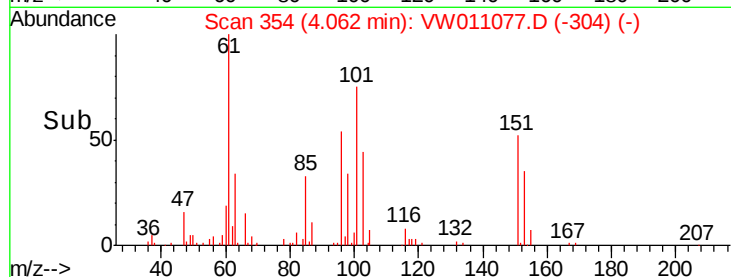
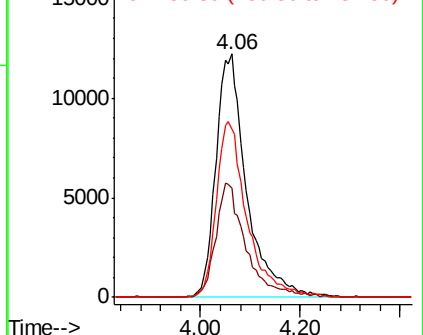
151 71.6 58.9 88.3



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: 21.747 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

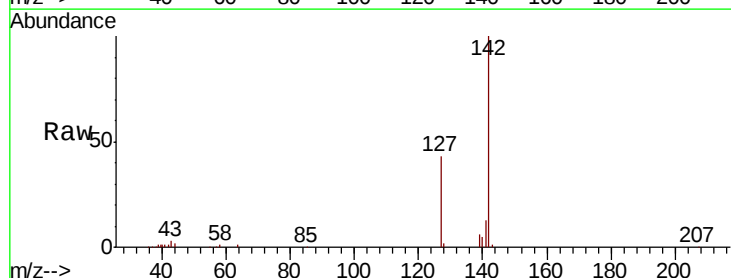
Tgt Ion:142 Resp: 70745

Ion Ratio Lower Upper

142 100

127 45.2 35.8 53.8

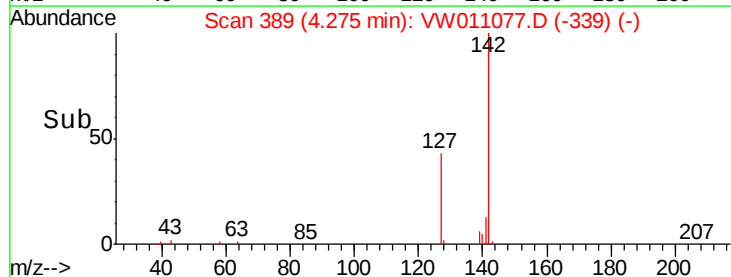
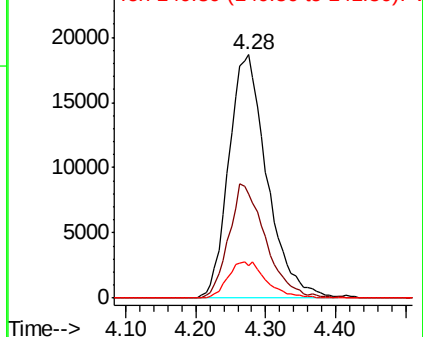
141 15.1 12.2 18.2

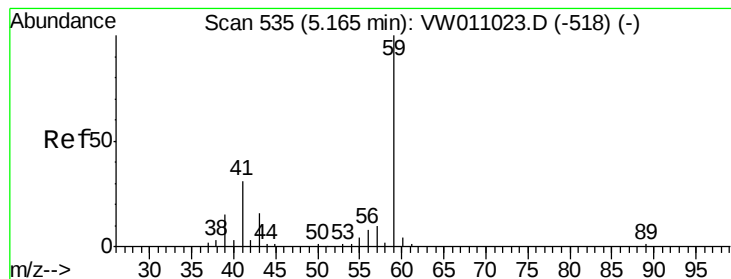


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



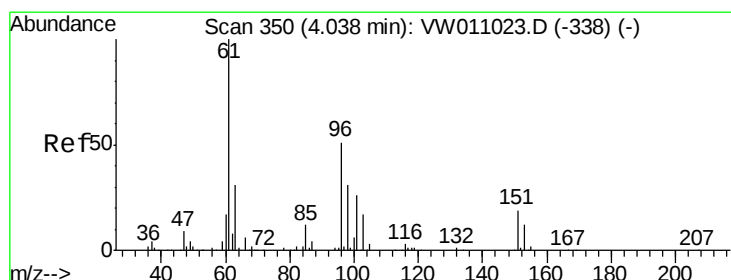
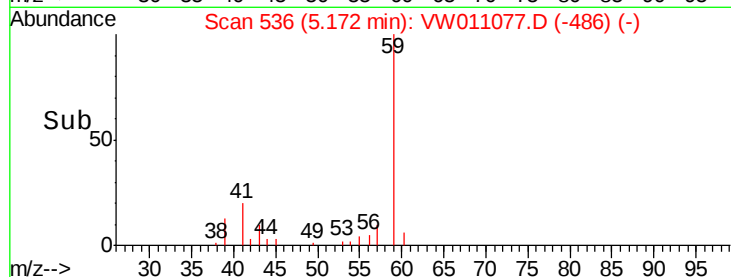
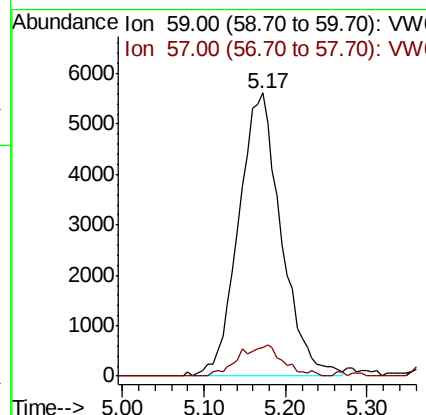
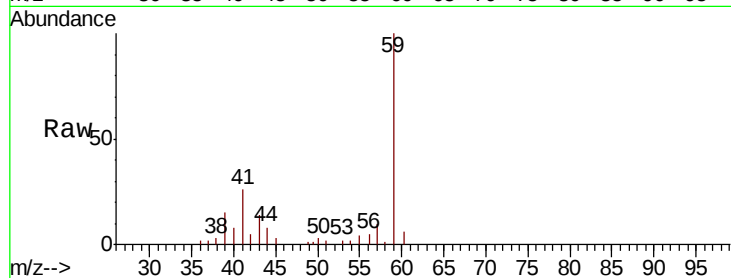


#11

Tert butyl alcohol
 Concen: 100.065 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

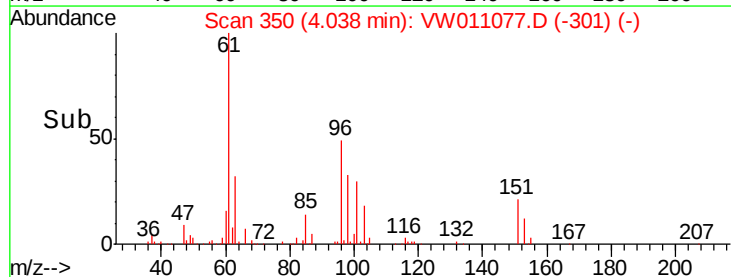
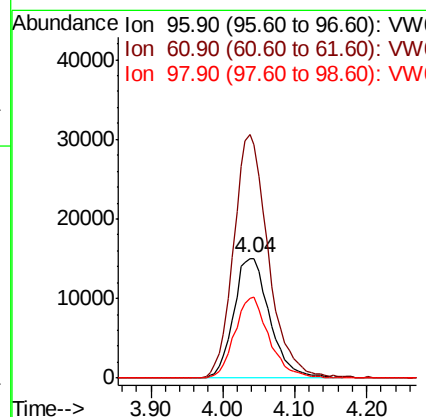
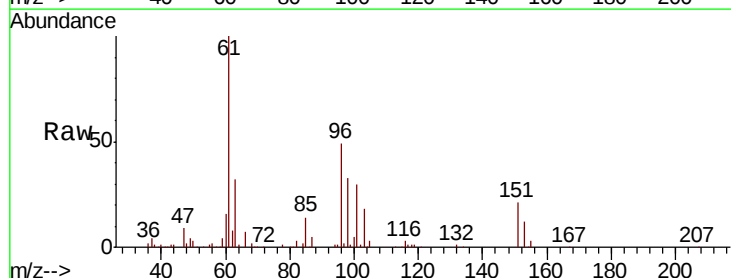
Tot Ion: 59 Resp: 20313
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.4

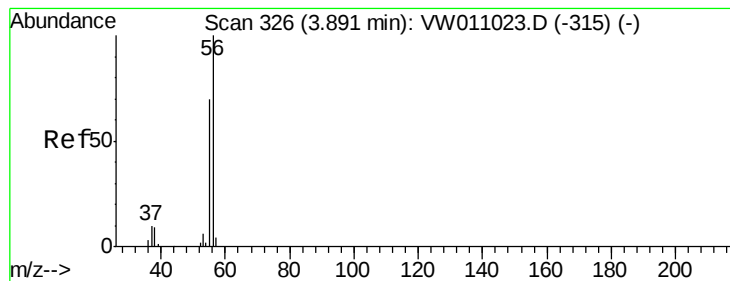


#12

1,1-Dichloroethene
 Concen: 21.705 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion: 96 Resp: 52531
 Ion Ratio Lower Upper
 96 100
 61 202.8 156.0 234.0
 98 66.6 48.7 73.1





#13

Acrolein

Concen: 114.587 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

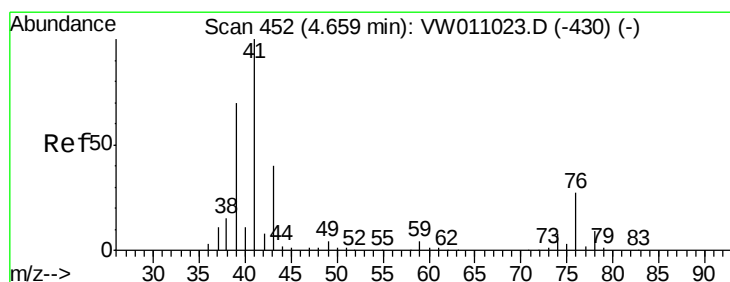
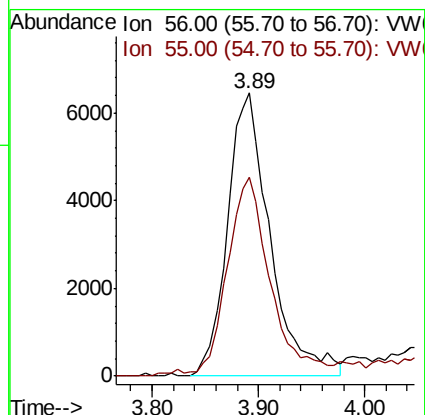
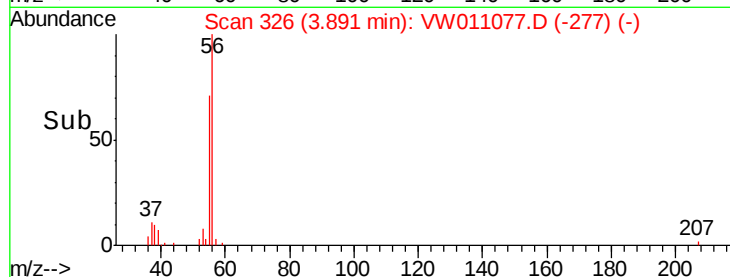
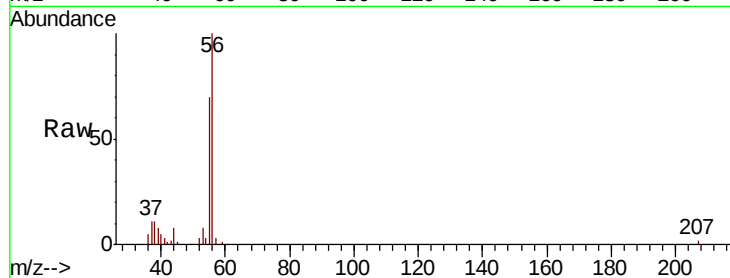
VW0701SBSD01

Tot Ion: 56 Resp: 18139

Ion Ratio Lower Upper

56 100

55 68.6 55.7 83.5



#14

Allyl chloride

Concen: 23.265 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

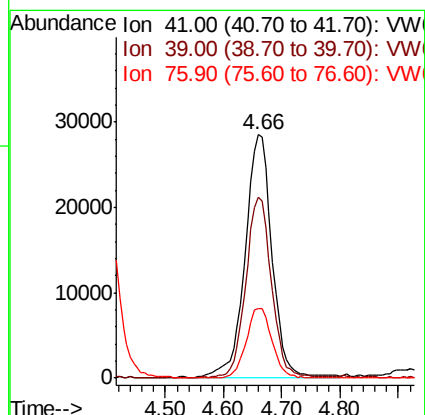
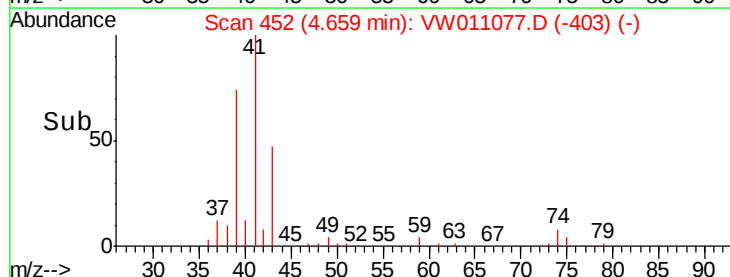
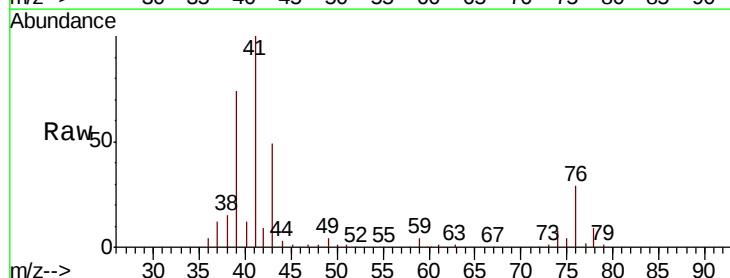
Tgt Ion: 41 Resp: 90624

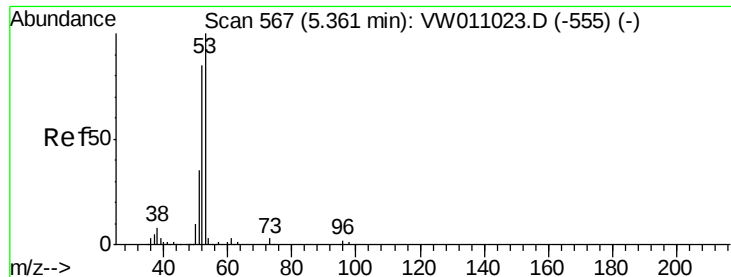
Ion Ratio Lower Upper

41 100

39 70.8 55.4 83.2

76 27.7 22.0 33.0





#15

Acrylonitrile

Concen: 111.567 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBSD01

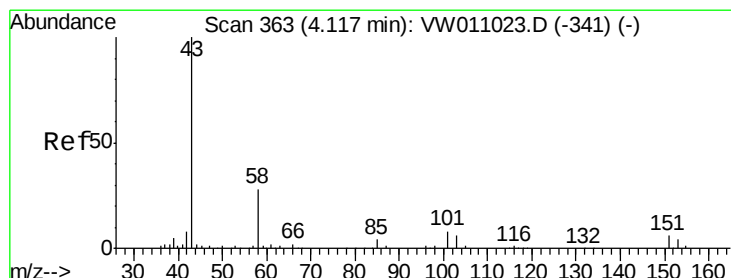
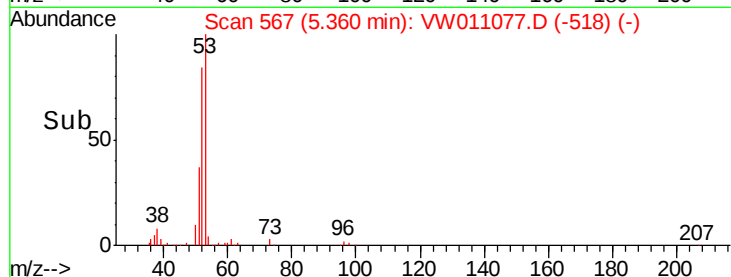
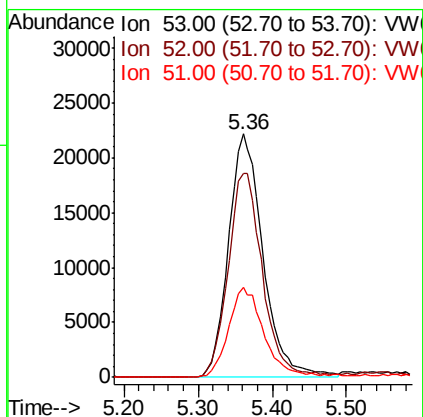
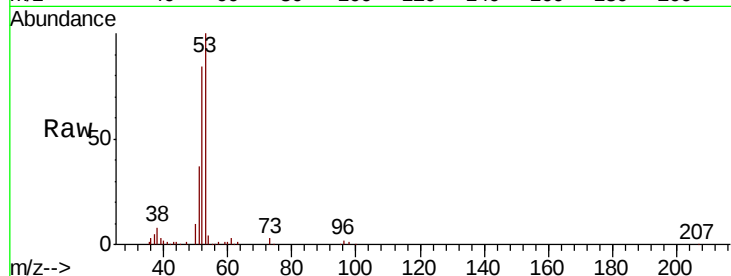
Tot Ion: 53 Resp: 71934

Ion Ratio Lower Upper

53 100

52 83.8 66.3 99.5

51 38.0 29.8 44.6



#16

Acetone

Concen: 101.907 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011077.D

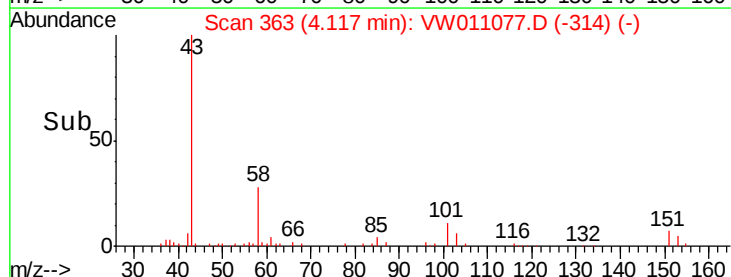
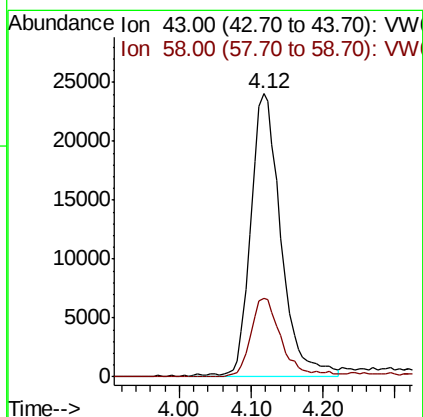
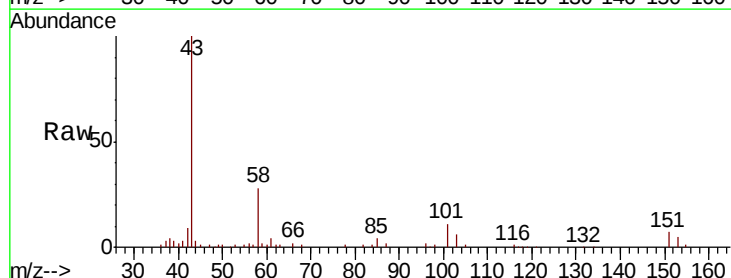
Acq: 01 Jul 2019 11:47

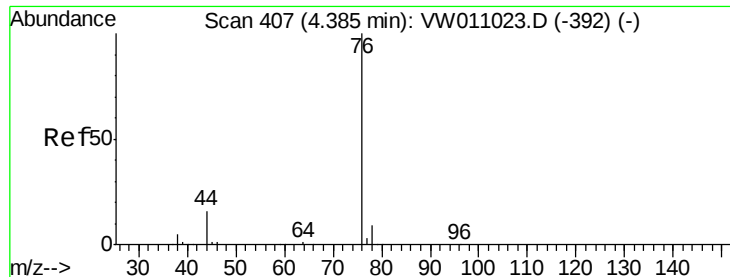
Tgt Ion: 43 Resp: 69526

Ion Ratio Lower Upper

43 100

58 27.7 22.5 33.7

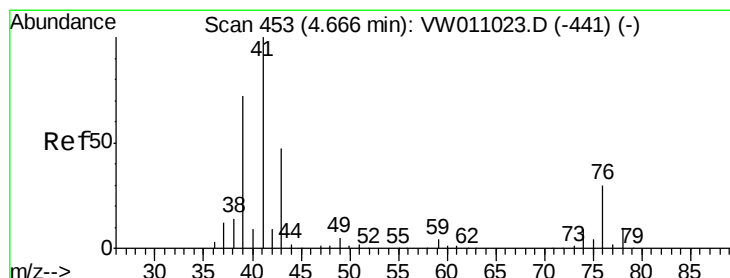
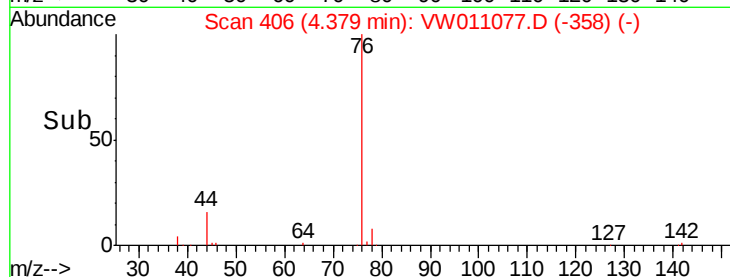
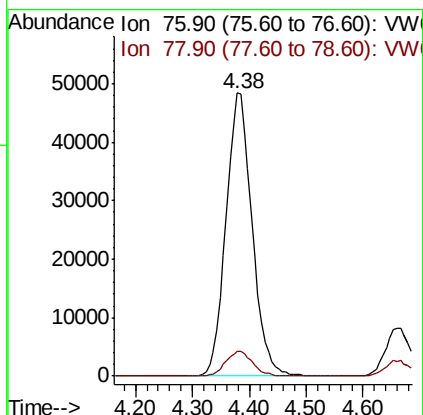
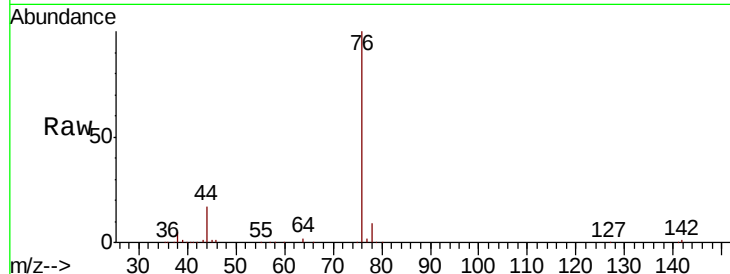




#17
Carbon Disulfide
Concen: 22.584 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

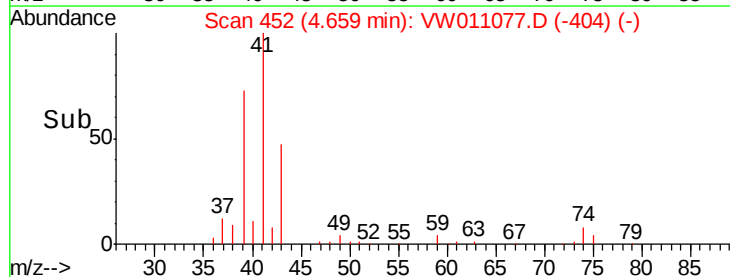
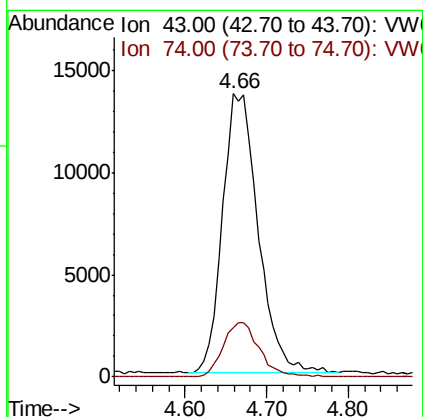
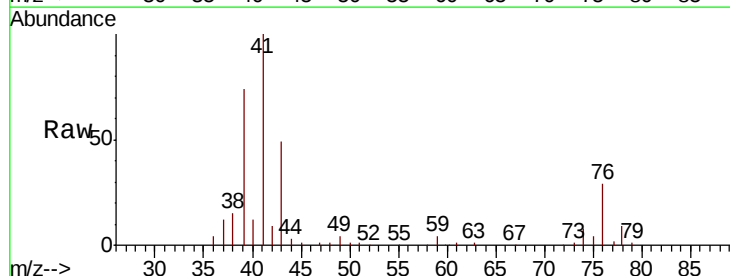
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

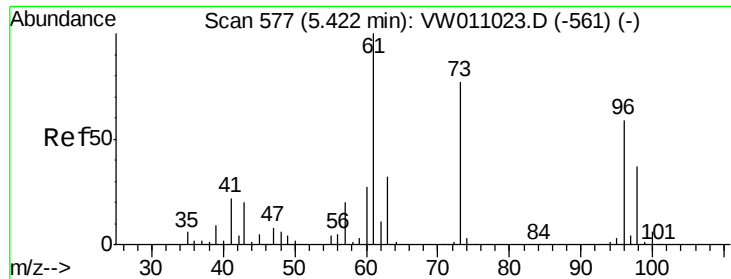
Tot Ion: 76 Resp: 155065
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 23.495 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 43 Resp: 41523
Ion Ratio Lower Upper
43 100
74 19.6 15.8 23.8

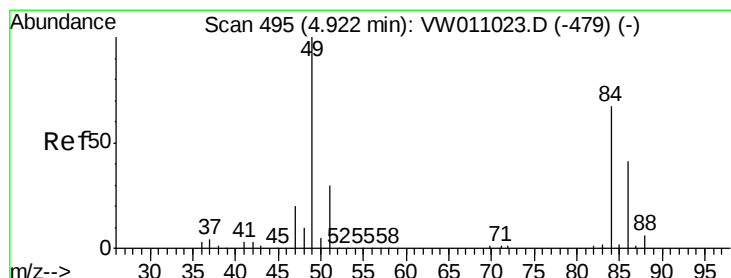
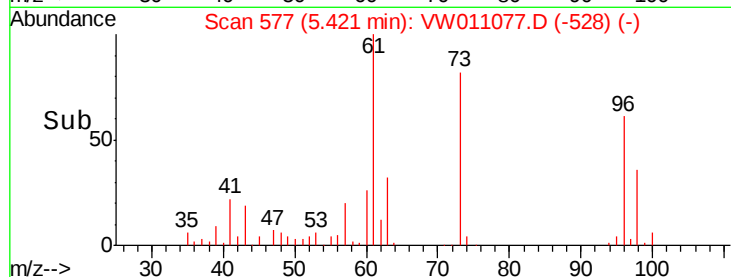
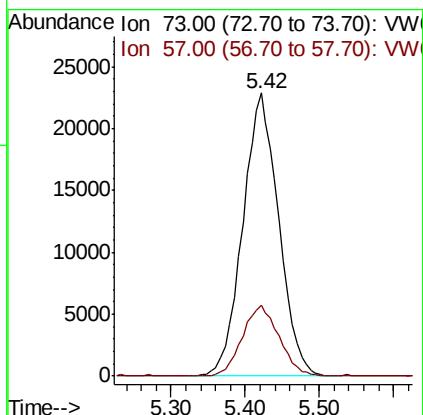
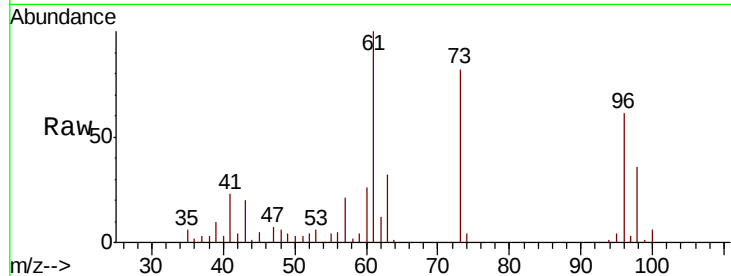




#19
Methyl tert-butyl Ether
Concen: 22.486 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

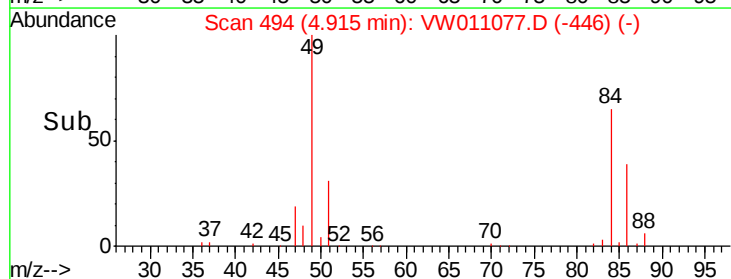
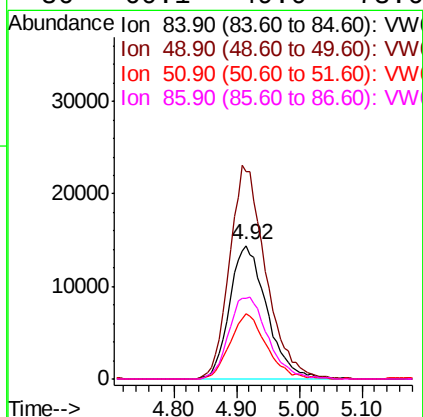
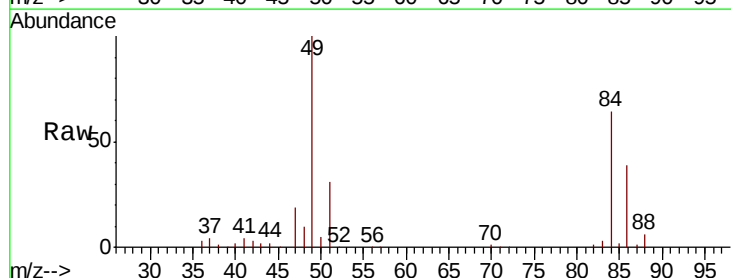
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

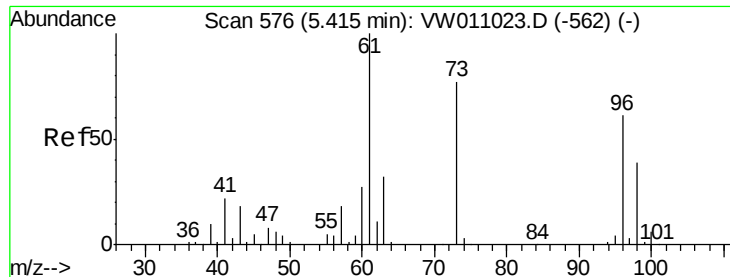
Tot Ion: 73 Resp: 77027
Ion Ratio Lower Upper
73 100
57 25.0 20.8 31.2



#20
Methylene Chloride
Concen: 21.359 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 84 Resp: 59208
Ion Ratio Lower Upper
84 100
49 155.4 119.6 179.4
51 48.7 35.6 53.4
86 60.1 49.0 73.6

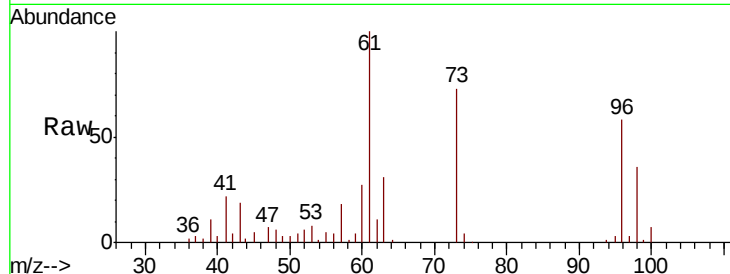




#21
trans-1,2-Dichloroethene
Concen: 21.692 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	172.5	131.0	196.4
98	62.8	50.8	76.2

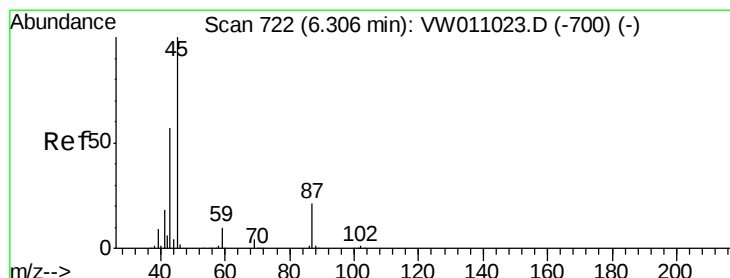
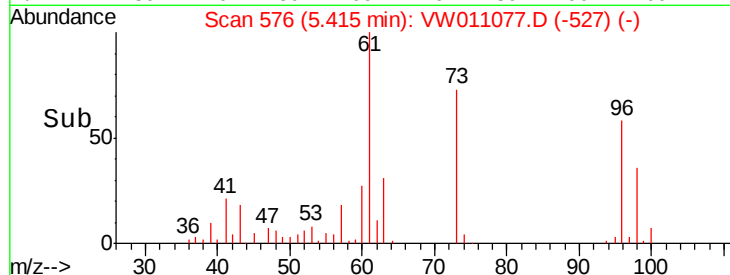
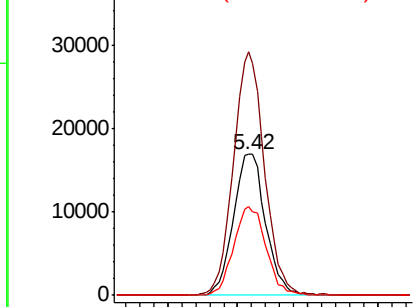


Abundance

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: 22.029 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.5	45.8	68.6
87	20.9	17.1	25.7
59	9.9	8.2	12.4

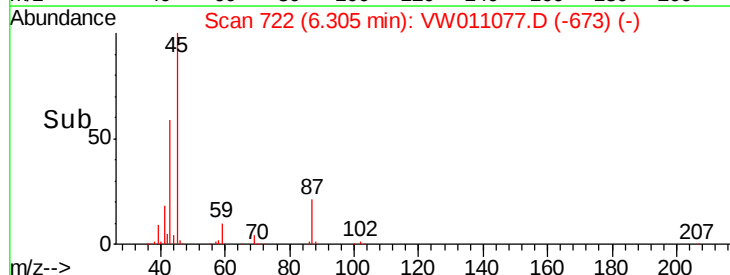
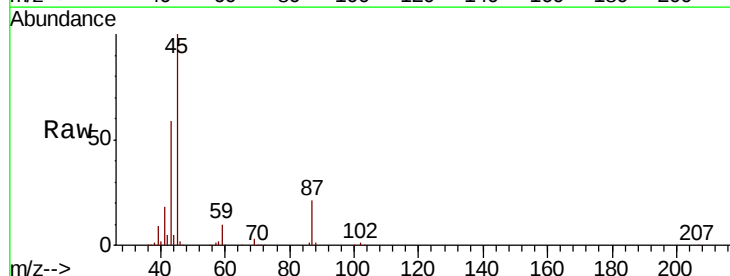
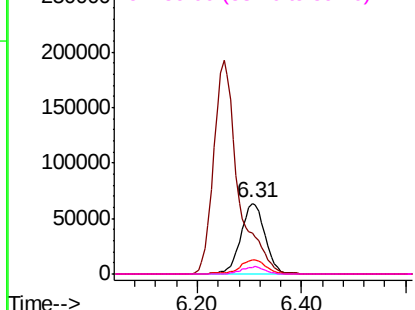
Abundance

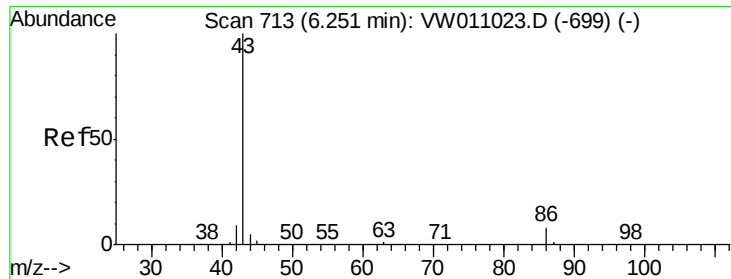
Ion 45.00 (44.70 to 45.70): VW

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: 109.161 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

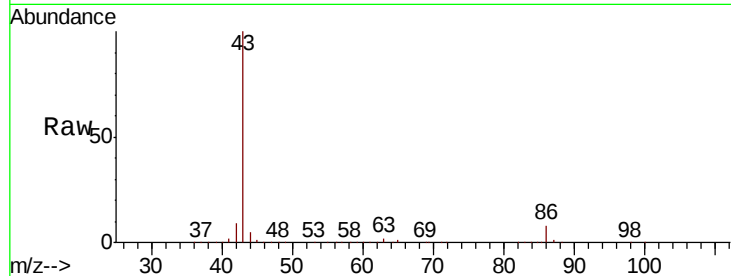
VW0701SBSD01

Tot Ion: 43 Resp: 630487

Ion Ratio Lower Upper

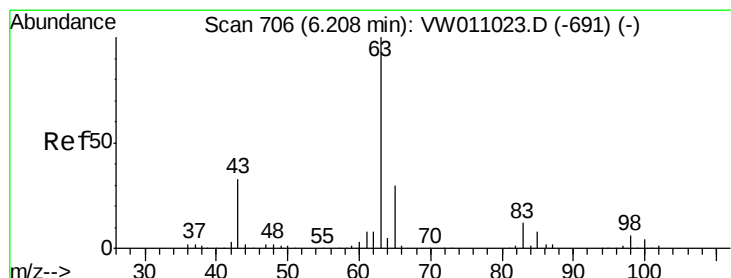
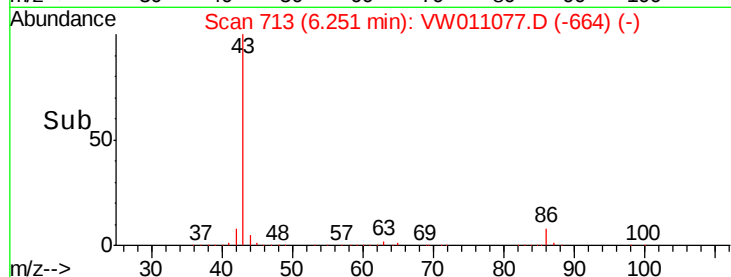
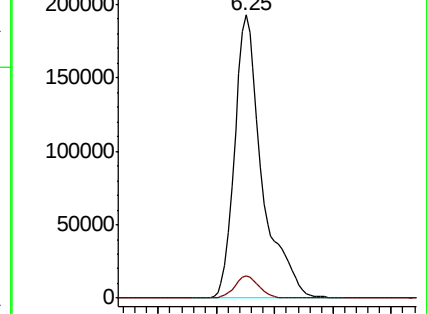
43 100

86 8.0 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: 21.856 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

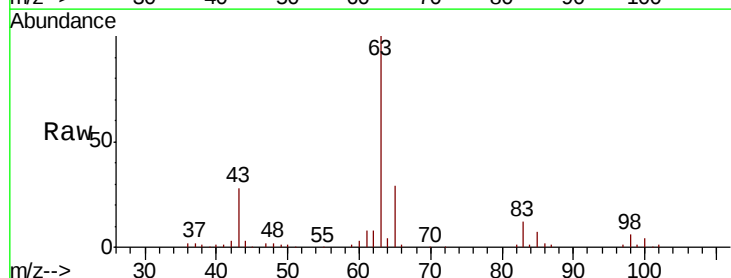
Tgt Ion: 63 Resp: 108142

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.4

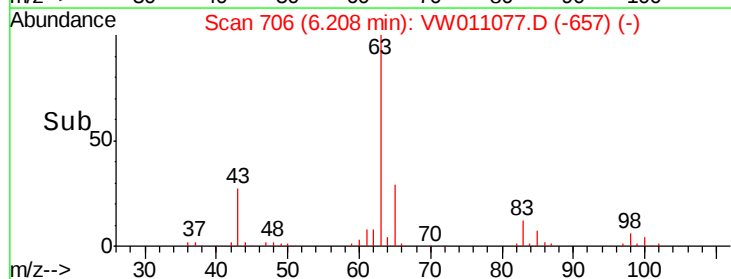
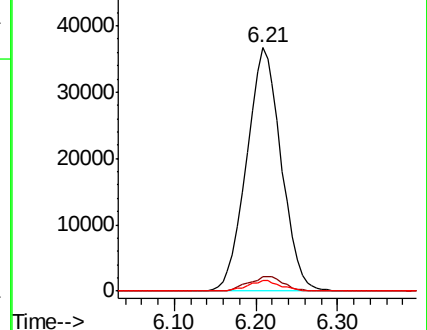
100 4.1 2.1 6.2

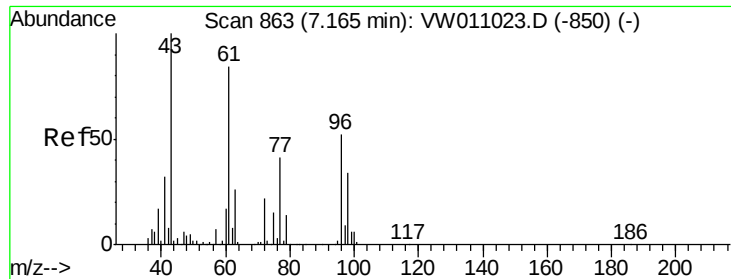


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 105.163 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

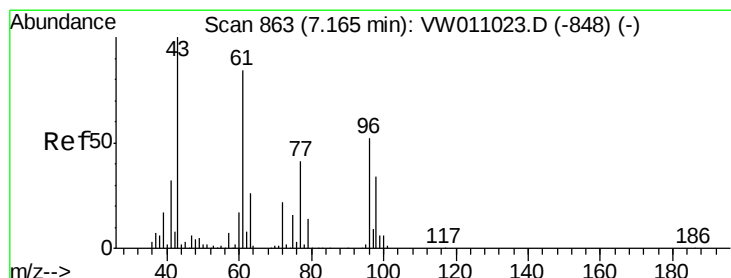
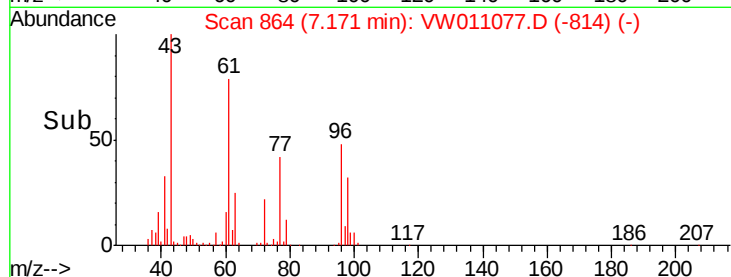
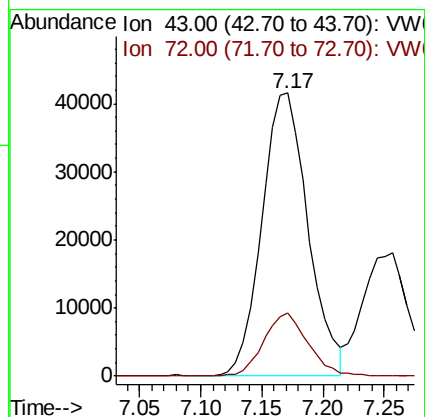
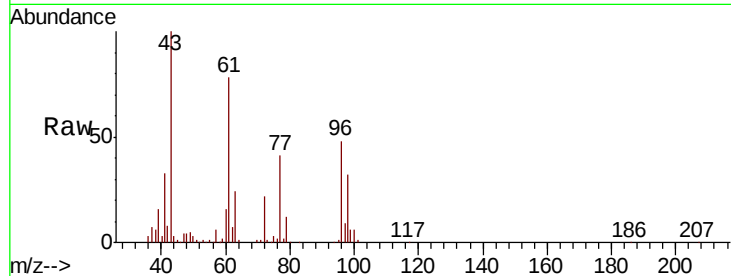
VW0701SBSD01

Tot Ion: 43 Resp: 109059

Ion Ratio Lower Upper

43 100

72 22.4 17.2 25.8



#26

2,2-Dichloropropane

Concen: 21.368 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011077.D

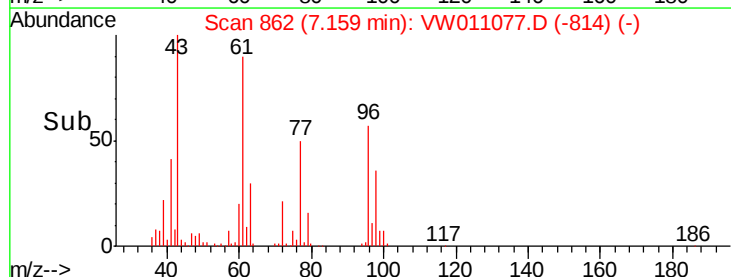
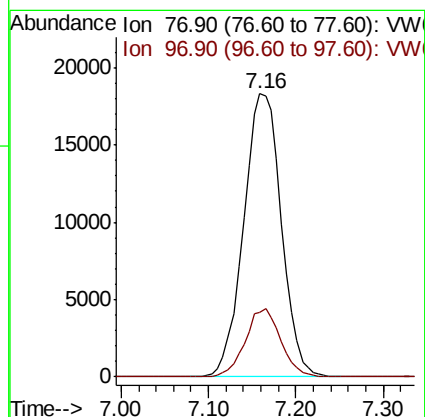
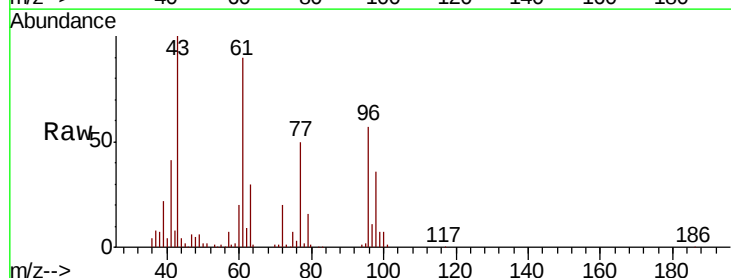
Acq: 01 Jul 2019 11:47

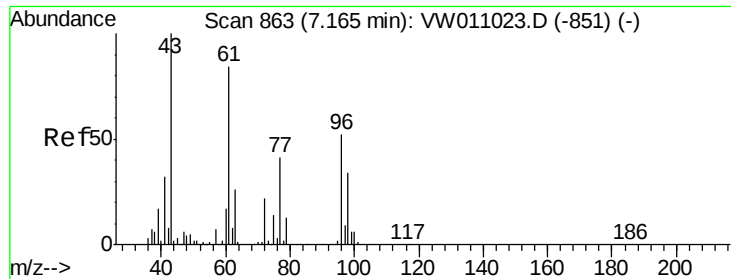
Tgt Ion: 77 Resp: 54894

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.7



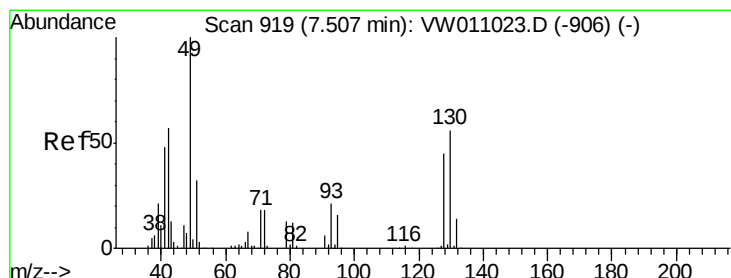
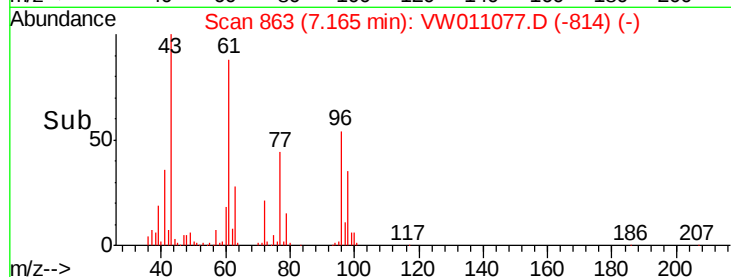
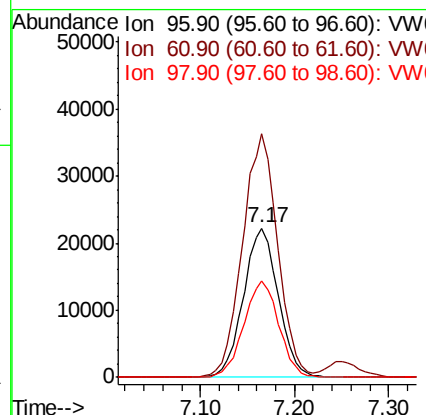
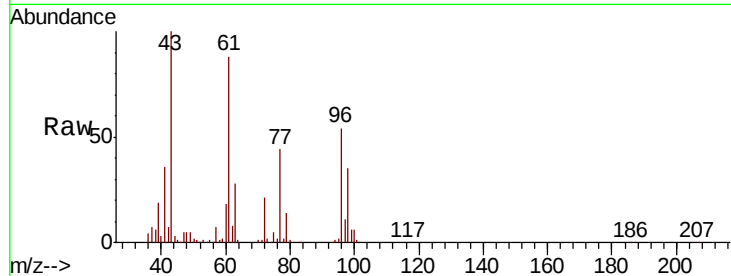


#27

cis-1,2-Dichloroethene
Concen: 21.403 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

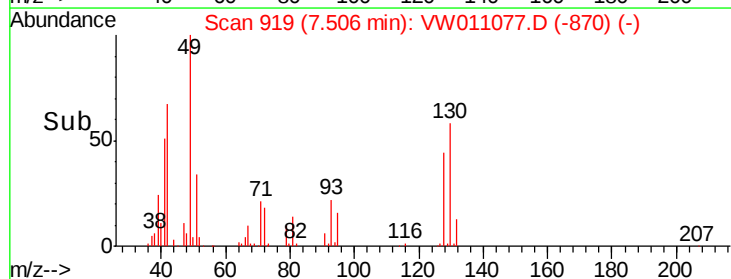
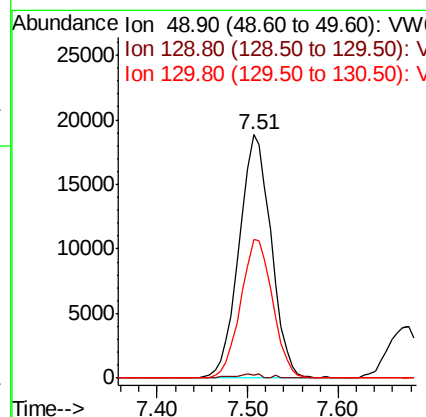
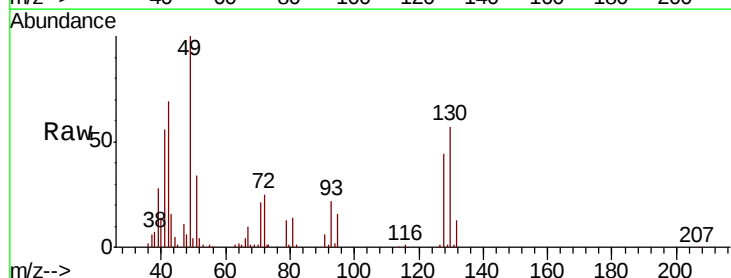
Tot Ion: 96 Resp: 57472
Ion Ratio Lower Upper
96 100
61 164.8 0.0 330.4
98 64.7 0.0 129.4

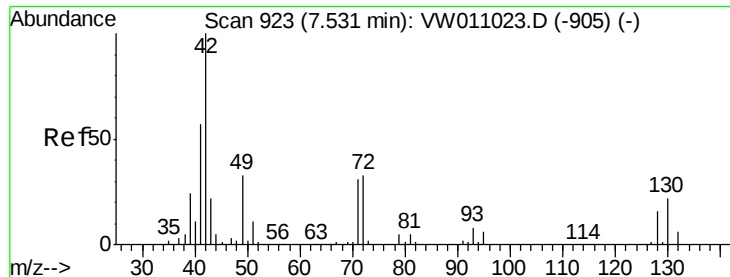


#28

Bromochloromethane
Concen: 20.128 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 49 Resp: 46364
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.4
130 56.7 46.1 69.1

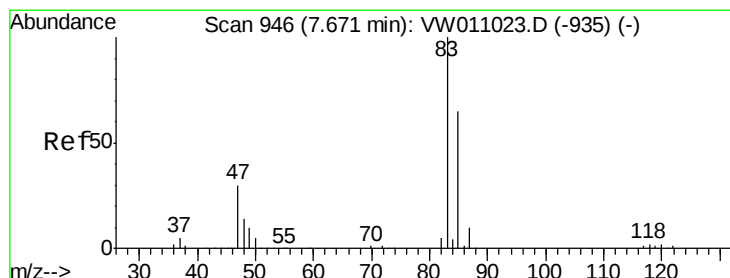
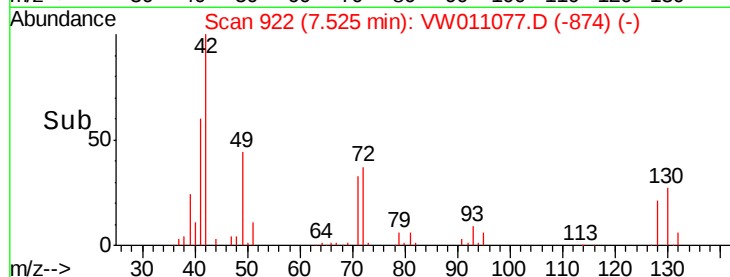
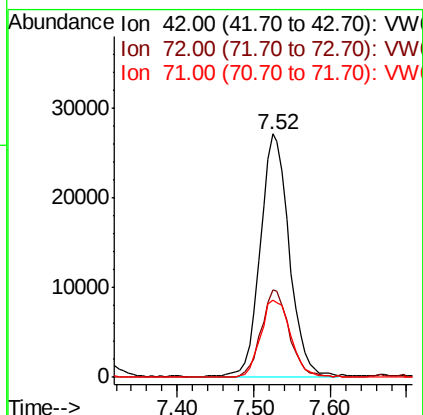
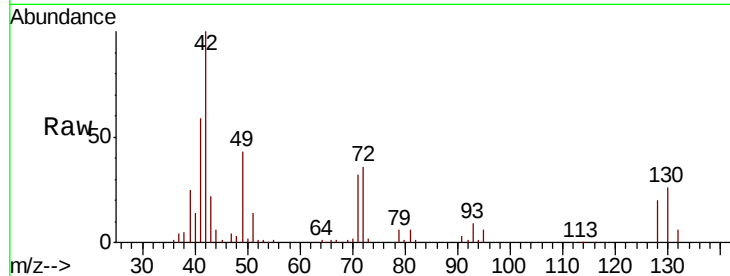




#29
Tetrahydrofuran
Concen: 111.734 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

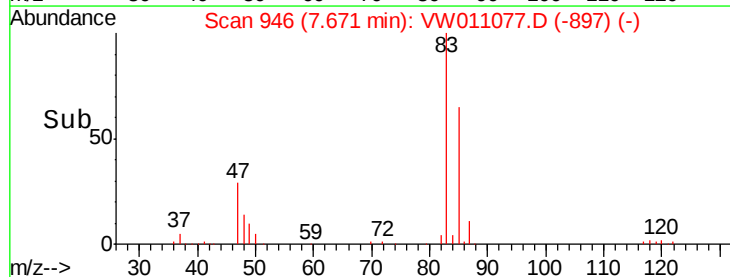
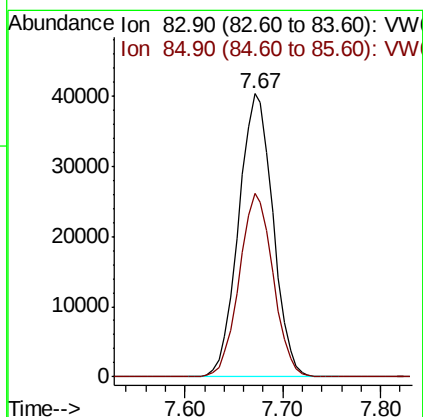
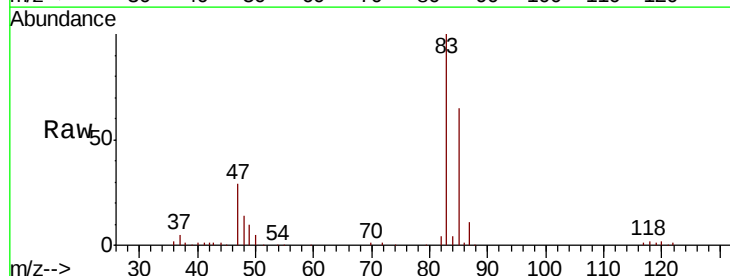
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBS01

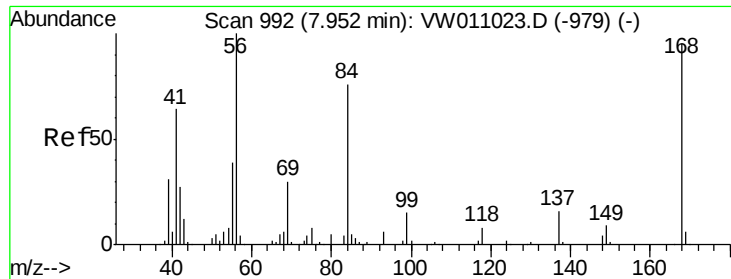
Tot Ion: 42 Resp: 72132
Ion Ratio Lower Upper
42 100
72 34.7 27.4 41.0
71 33.1 25.6 38.4



#30
Chloroform
Concen: 21.810 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 83 Resp: 98038
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4

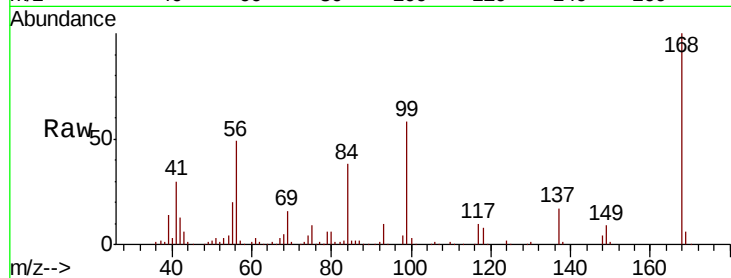




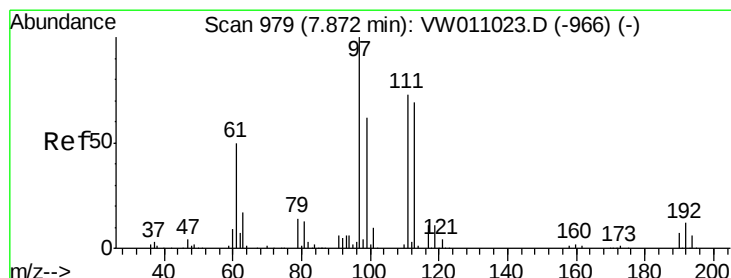
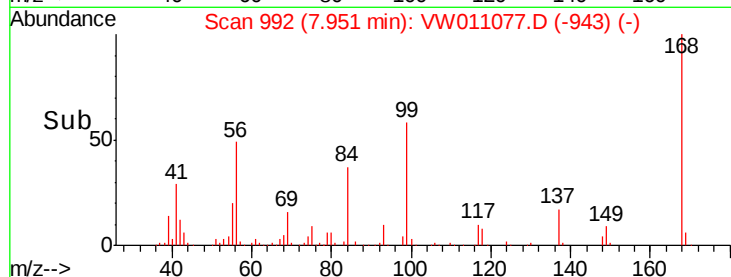
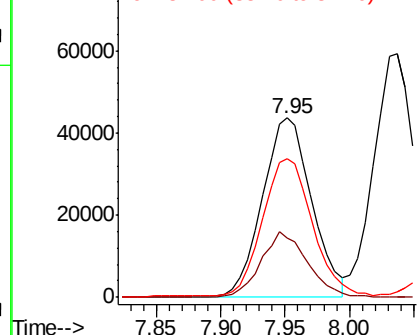
#31
Cyclohexane
Concen: 21.682 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

Tot Ion: 56 Resp: 115922
Ion Ratio Lower Upper
56 100
69 33.1 24.2 36.2
84 76.5 60.6 90.8

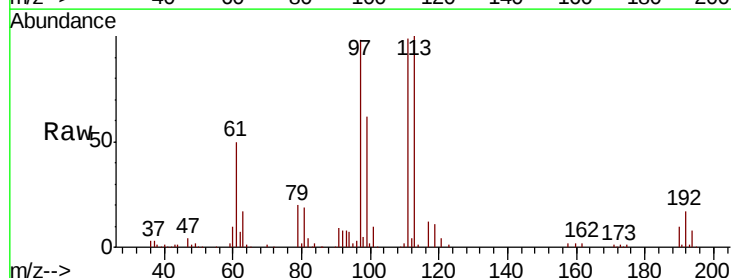


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

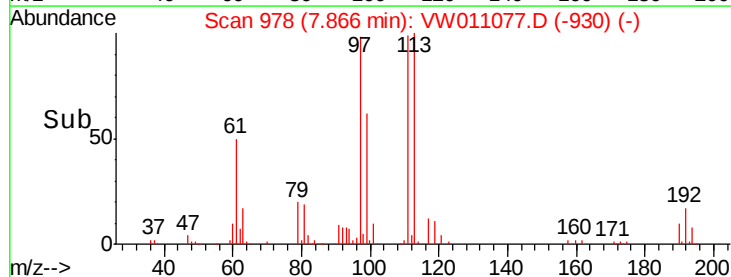
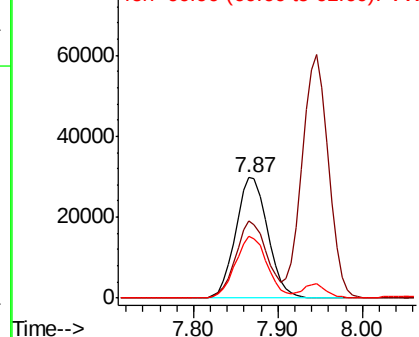


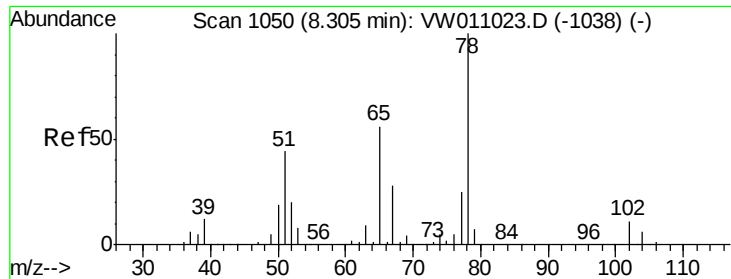
#32
1,1,1-Trichloroethane
Concen: 22.743 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 97 Resp: 76395
Ion Ratio Lower Upper
97 100
99 62.4 51.1 76.7
61 50.8 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: 51.563 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

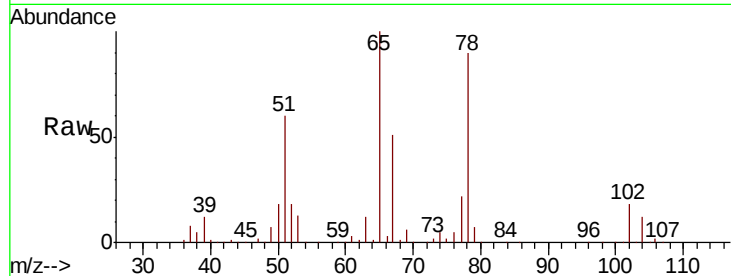
VW0701SBSD01

Tot Ion: 65 Resp: 144120

Ion Ratio Lower Upper

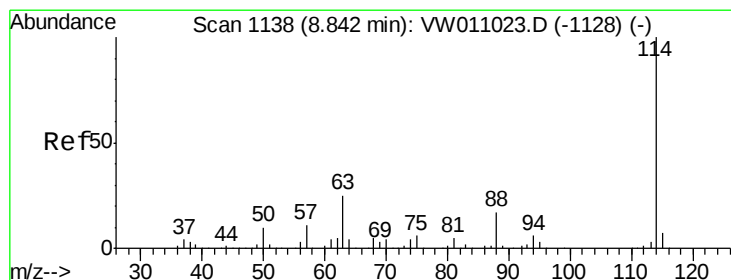
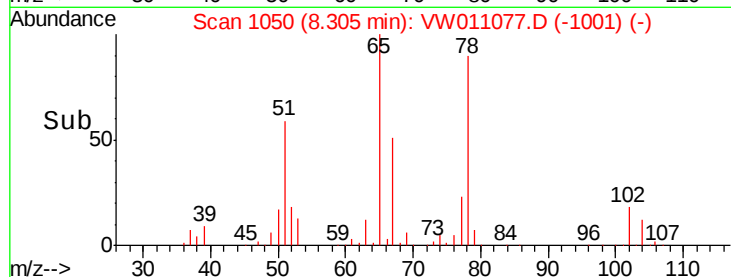
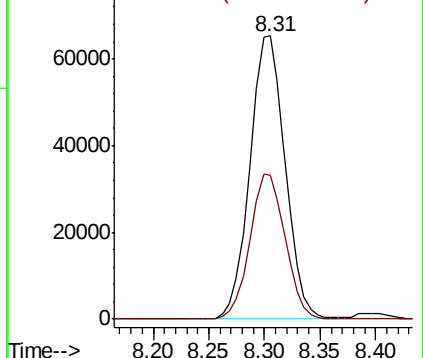
65 100

67 51.2 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

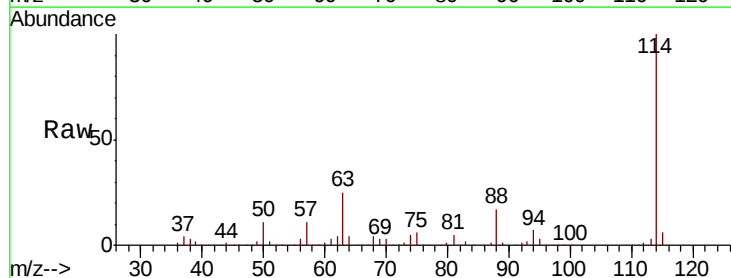
Tgt Ion: 114 Resp: 346072

Ion Ratio Lower Upper

114 100

63 24.8 0.0 50.6

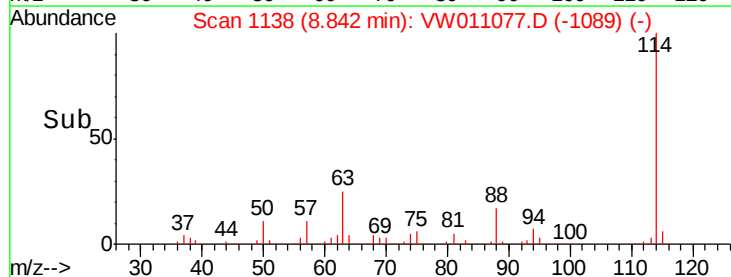
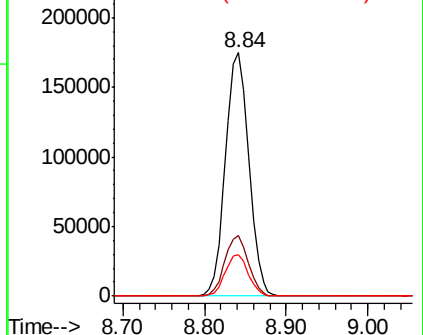
88 17.0 0.0 34.0

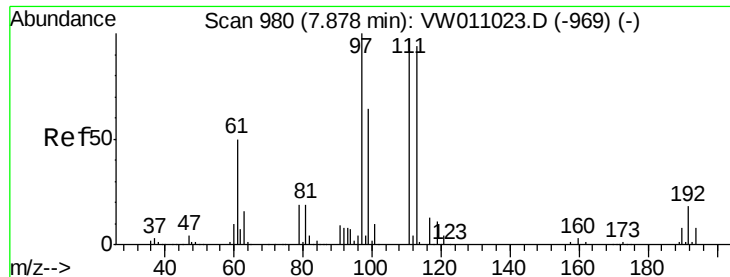


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

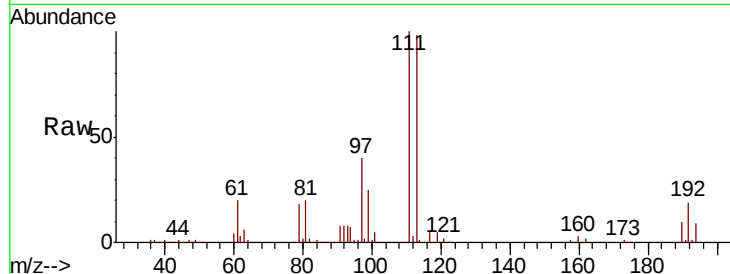




#35
 Dibromofluoromethane
 Concen: 52.723 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.8	125.6
192	19.5	16.0	24.0

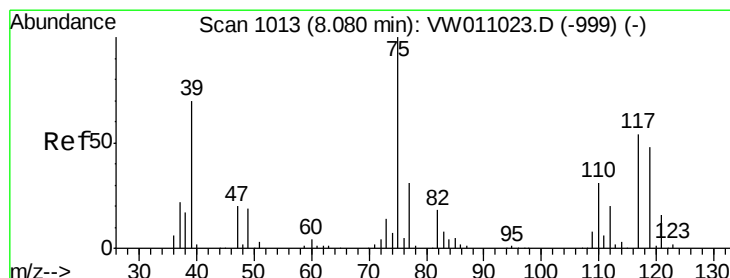
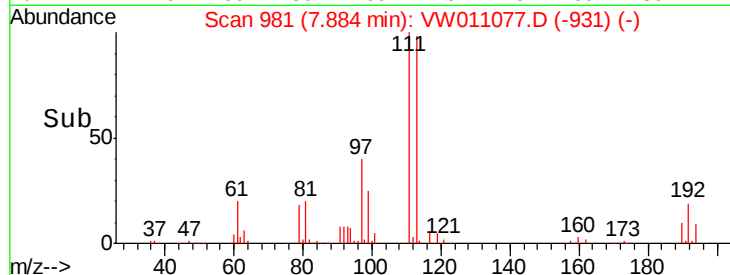
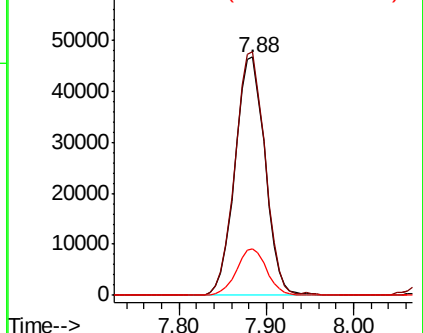


Abundance

Ion 112.80 (112.50 to 113.50): V

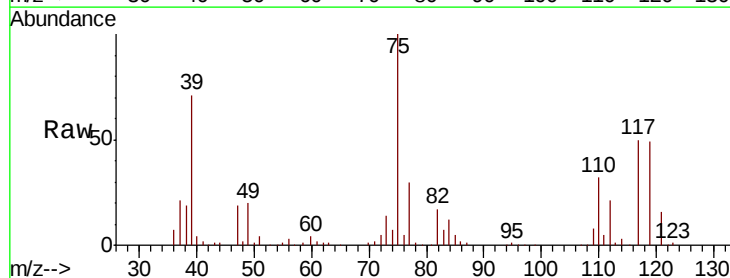
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 22.438 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.8	15.5	46.5
77	31.0	24.9	37.3

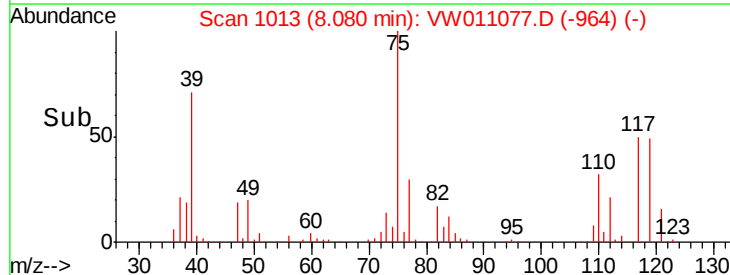
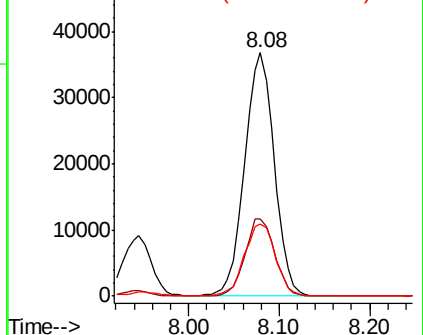


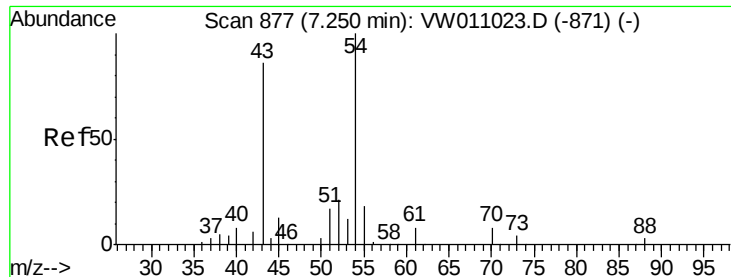
Abundance

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

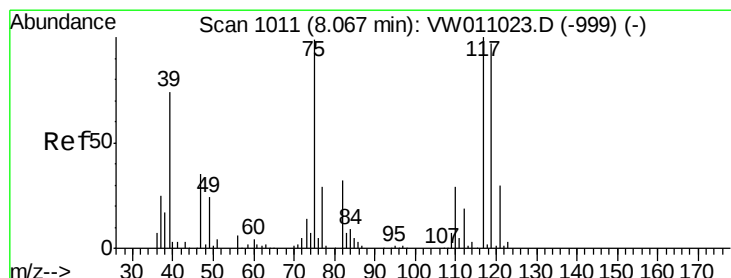
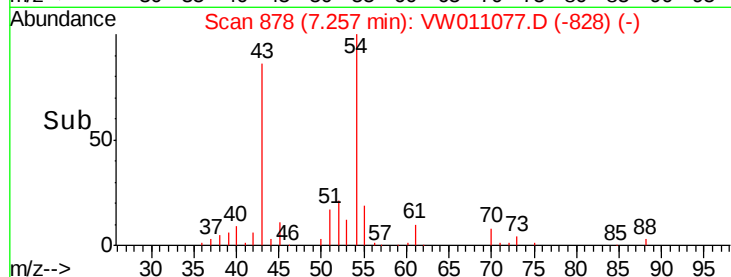
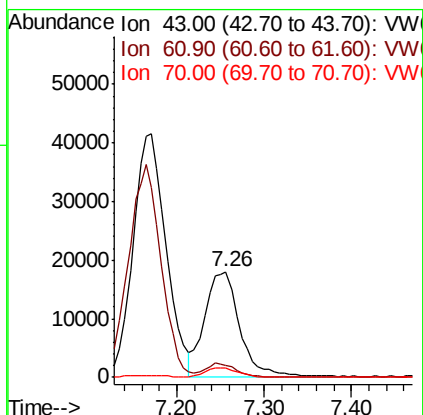
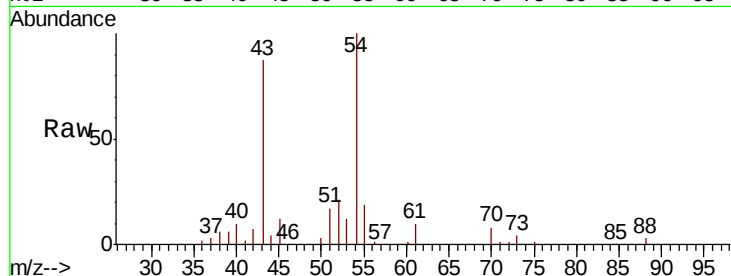




#37
Ethyl Acetate
Concen: 22.810 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

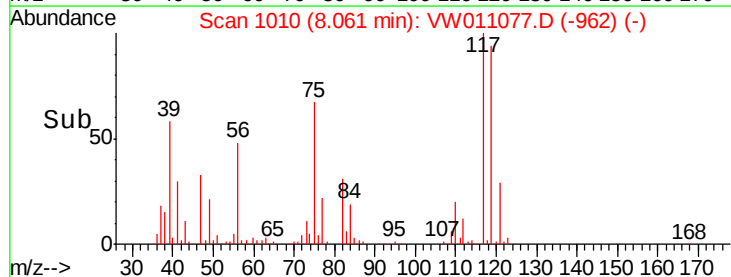
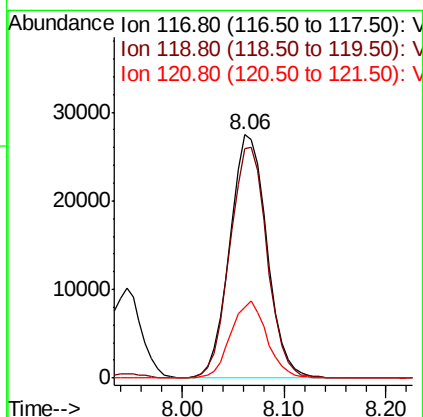
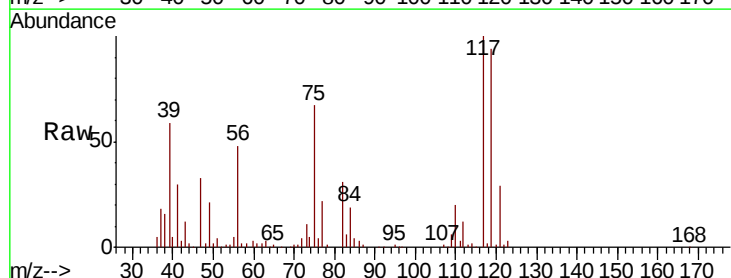
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

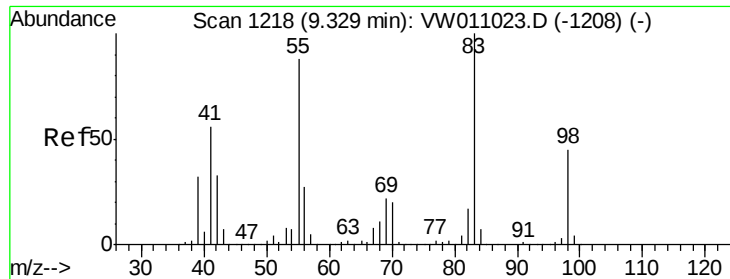
Tot Ion: 43 Resp: 49358
Ion Ratio Lower Upper
43 100
61 12.1 9.0 13.4
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 22.645 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 117 Resp: 69367
Ion Ratio Lower Upper
117 100
119 94.1 77.7 116.5
121 28.9 23.9 35.9

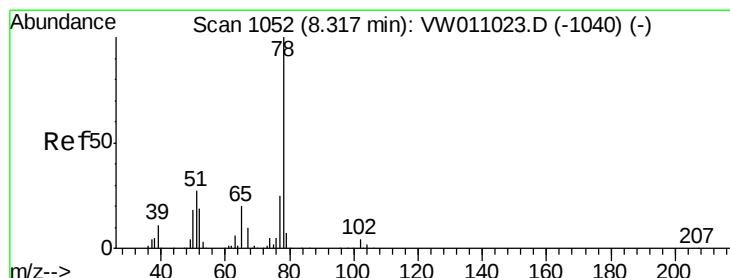
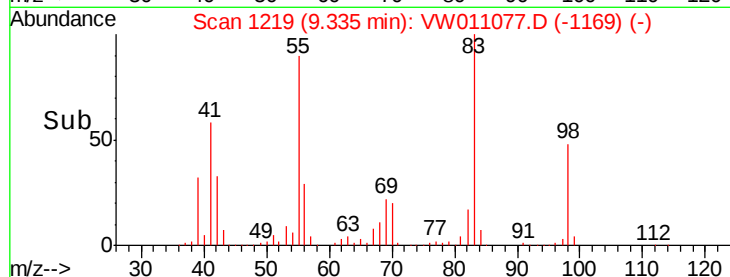
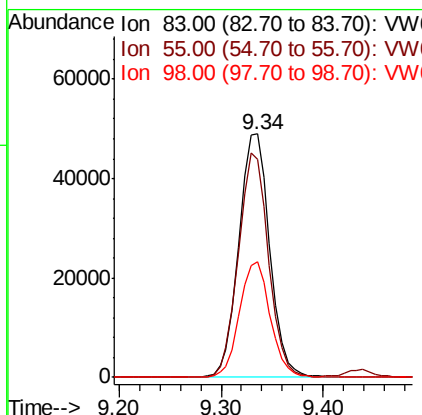
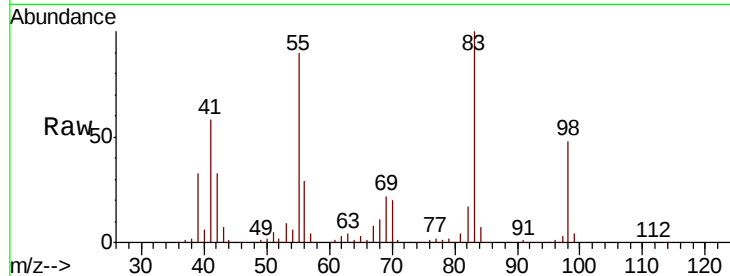




#39
Methvlcvclohexane
Concen: 22.540 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

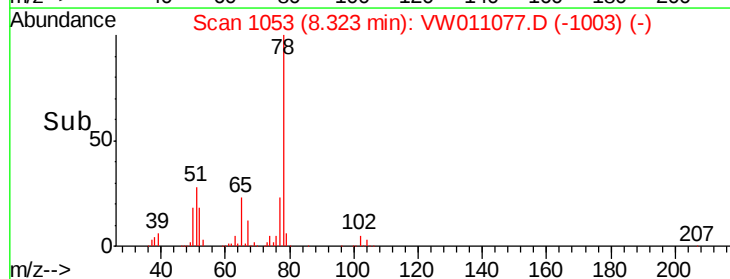
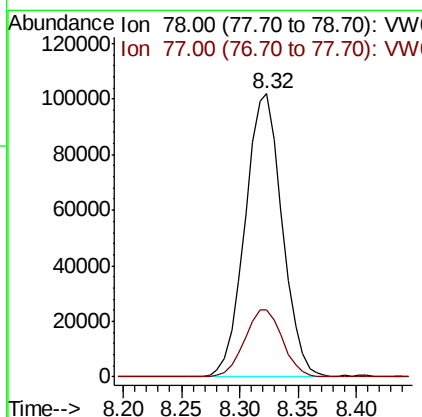
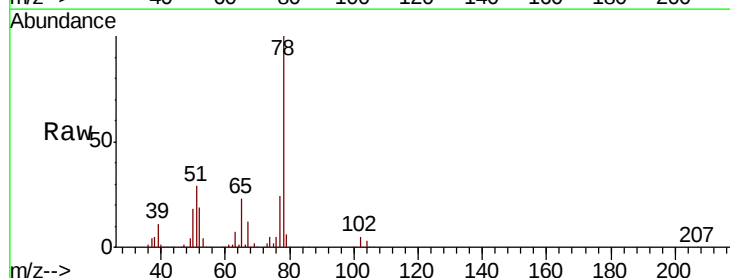
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

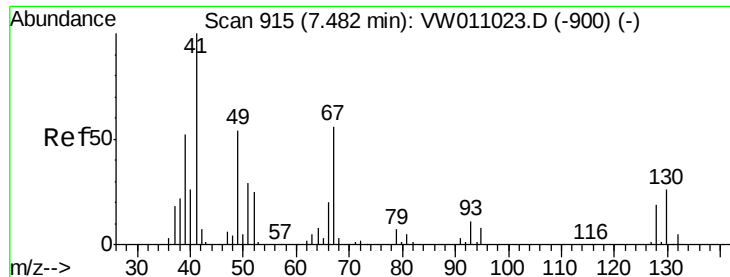
Tot Ion: 83 Resp: 103179
Ion Ratio Lower Upper
83 100
55 89.7 70.7 106.1
98 47.6 36.4 54.6



#40
Benzene
Concen: 22.125 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 78 Resp: 226357
Ion Ratio Lower Upper
78 100
77 23.6 19.7 29.5





#41

Methacrylonitrile

Concen: 19.539 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBSD01

Tot Ion: 41 Resp: 25723

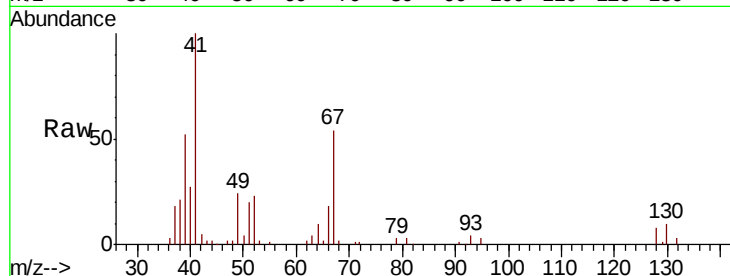
Ion Ratio Lower Upper

41 100

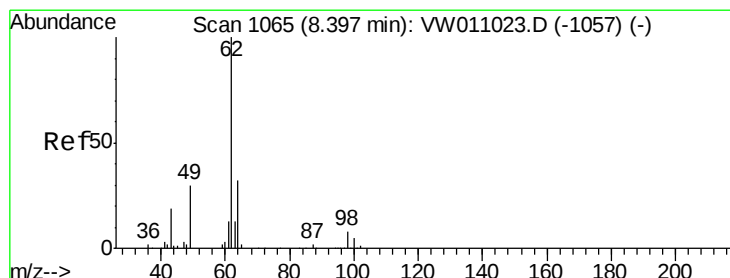
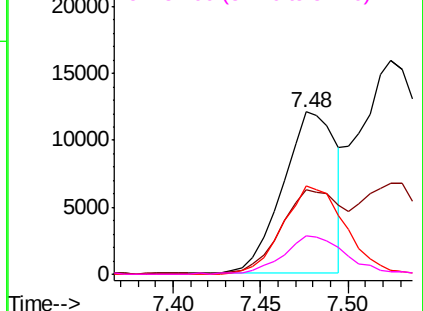
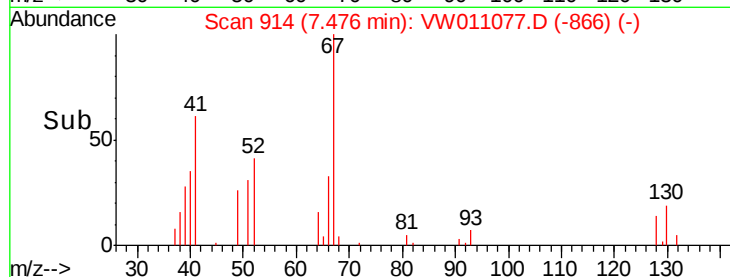
39 60.3 42.1 63.1

67 64.3 44.2 66.2

52 28.9 21.0 31.6



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



#42

1,2-Dichloroethane

Concen: 22.022 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011077.D

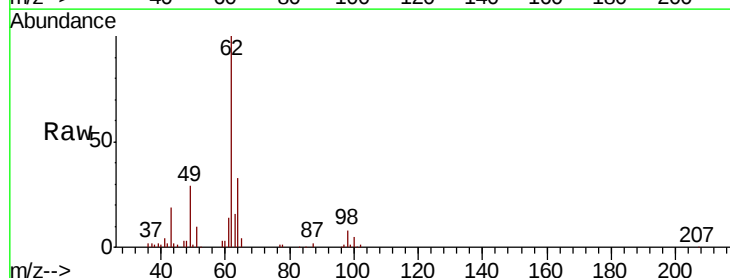
Acq: 01 Jul 2019 11:47

Tgt Ion: 62 Resp: 73873

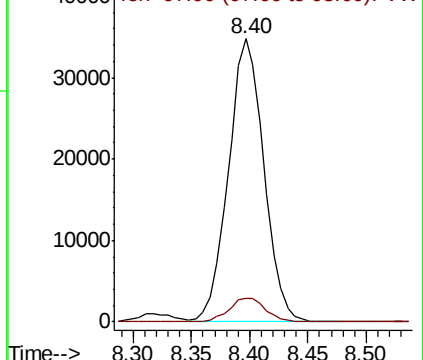
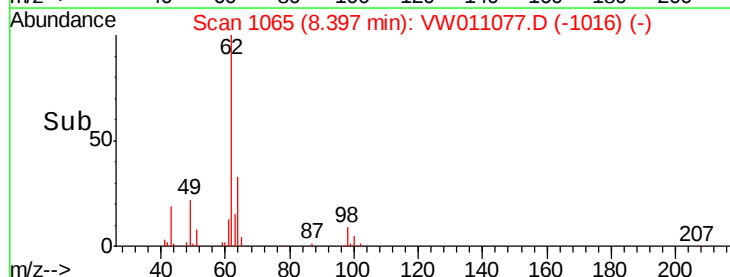
Ion Ratio Lower Upper

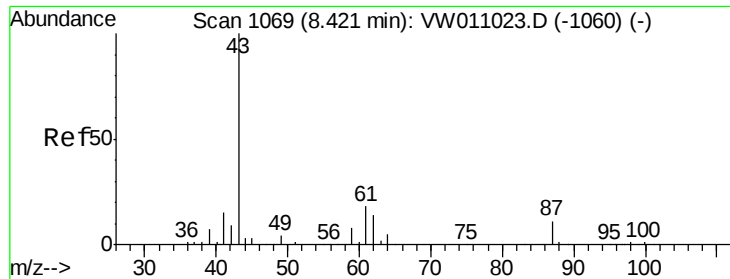
62 100

98 8.6 0.0 16.8



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





#43

Isopropyl Acetate

Concen: 22.687 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBSD01

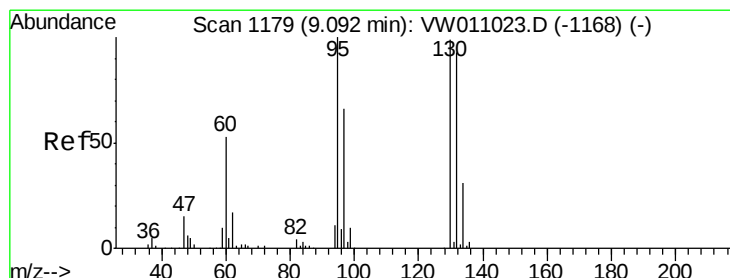
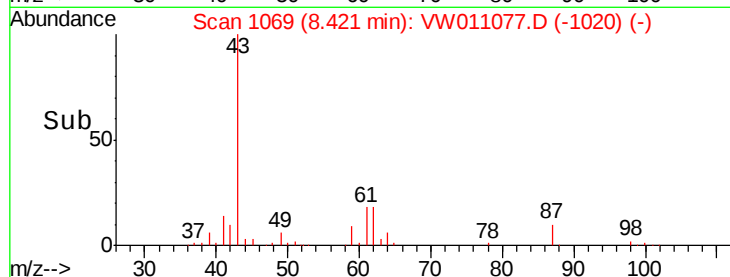
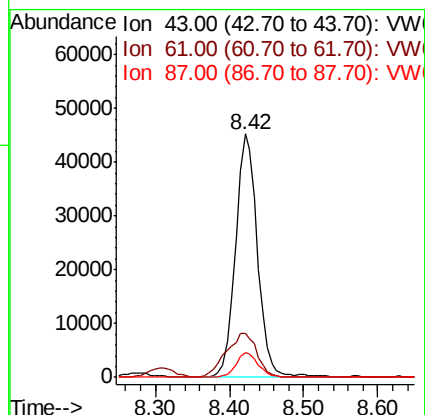
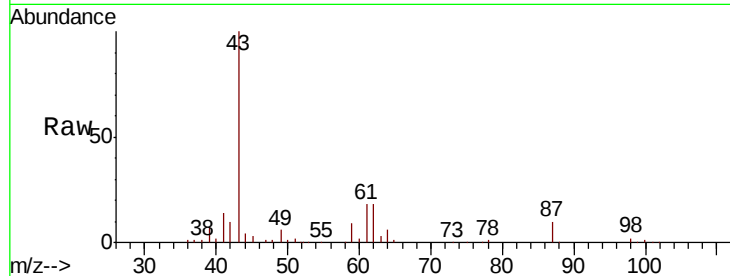
Tot Ion: 43 Resp: 92871

Ion Ratio Lower Upper

43 100

61 25.4 21.0 31.6

87 10.4 8.2 12.4



#44

Trichloroethene

Concen: 21.940 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011077.D

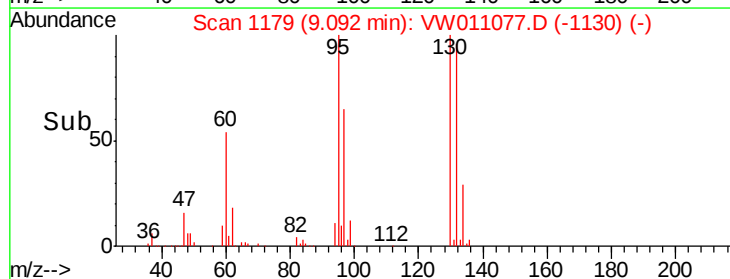
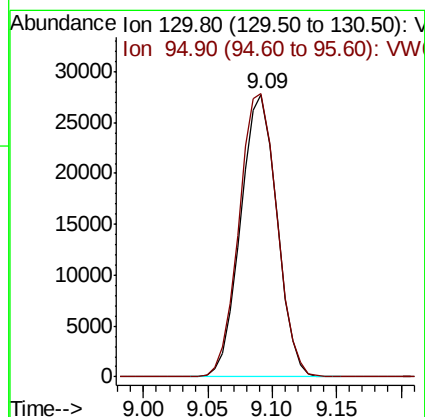
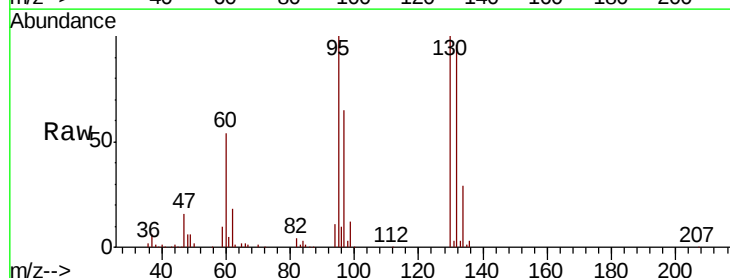
Acq: 01 Jul 2019 11:47

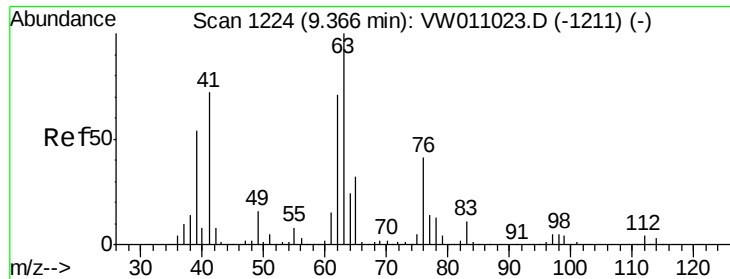
Tgt Ion: 130 Resp: 54247

Ion Ratio Lower Upper

130 100

95 100.3 0.0 202.0





#45

1,2-Dichloropropane

Concen: 22.075 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

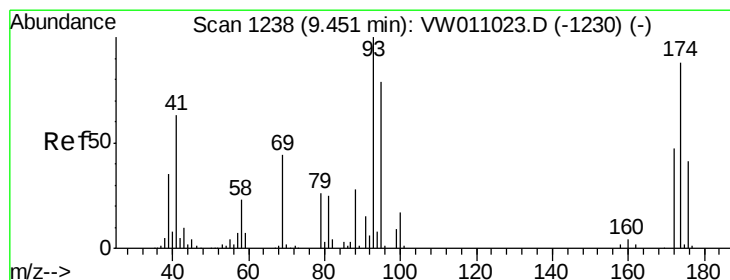
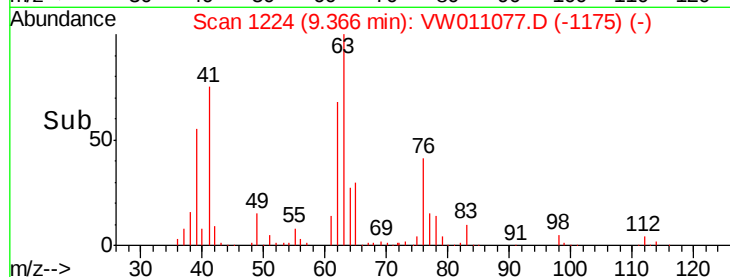
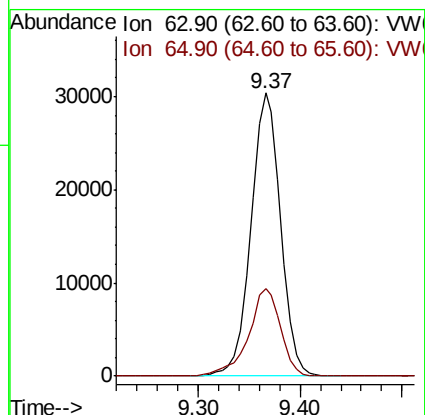
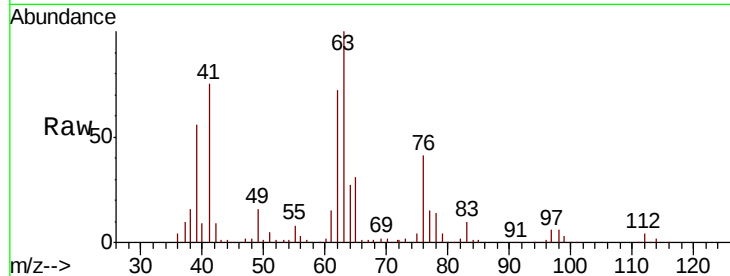
VW0701SBSD01

Tot Ion: 63 Resp: 61329

Ion Ratio Lower Upper

63 100

65 30.9 25.6 38.4



#46

Dibromomethane

Concen: 21.713 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

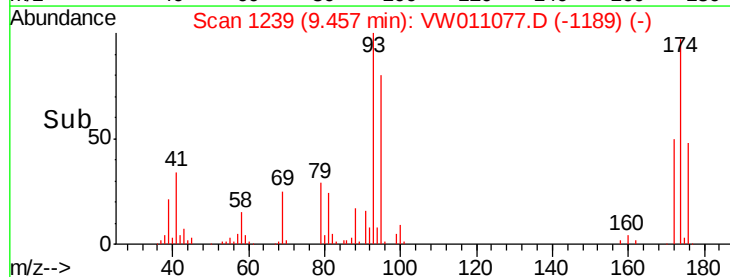
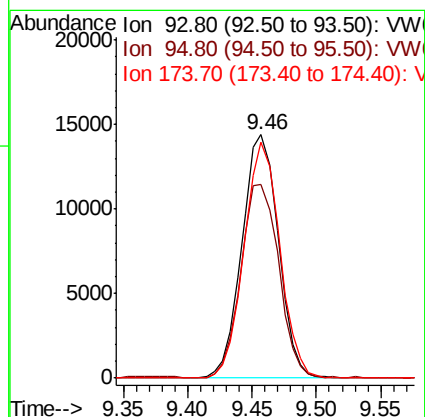
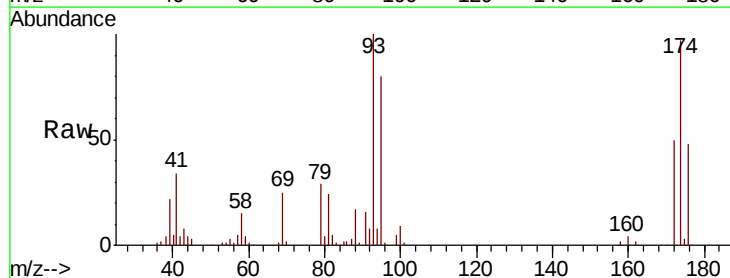
Tgt Ion: 93 Resp: 28212

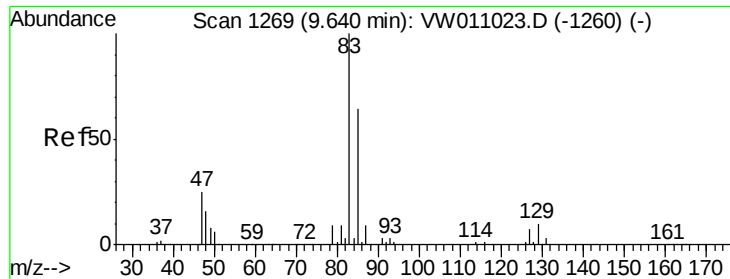
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 94.8 75.4 113.0

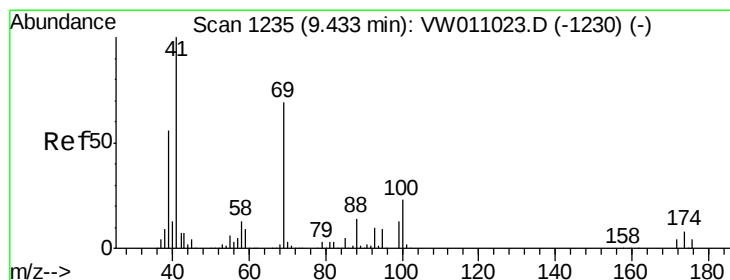
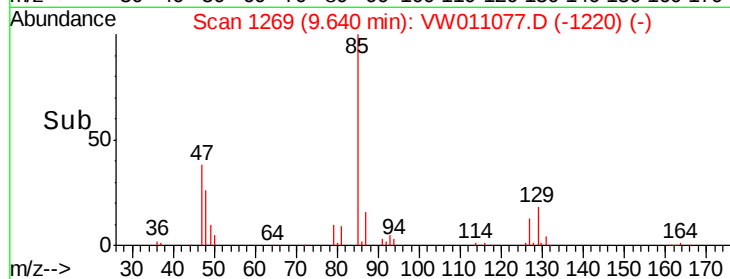
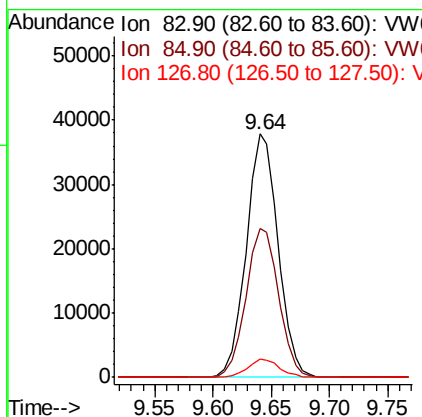
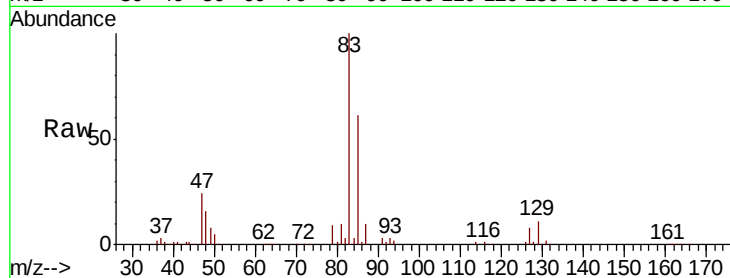




#47
 Bromodichloromethane
 Concen: 22.319 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

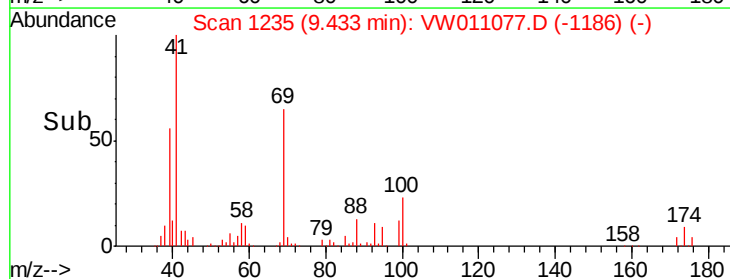
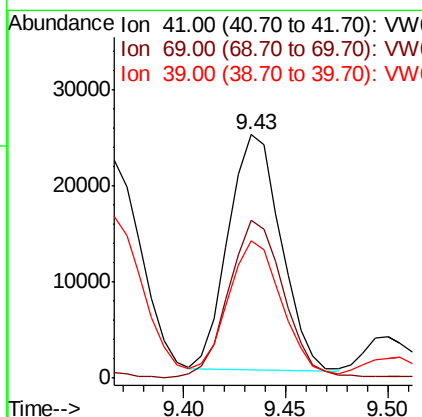
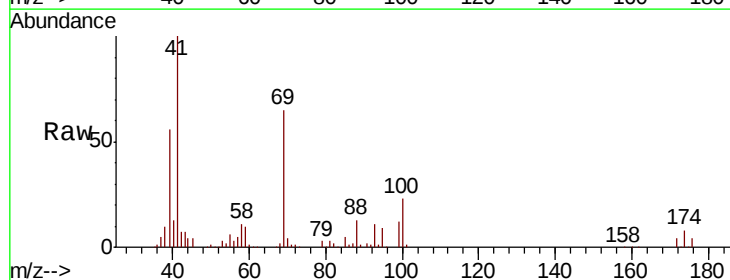
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

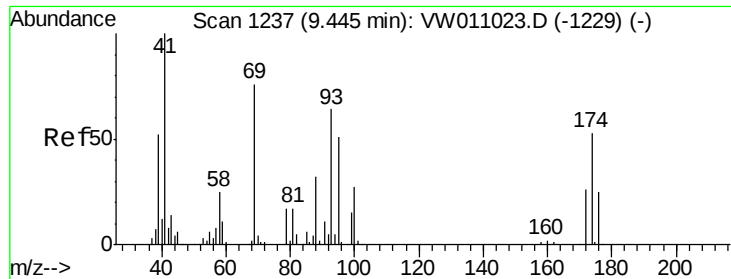
Tot Ion	83	Resp	71799
Ion Ratio	100		
Lower	51.0		
Upper	76.4		
85	61.2		
127	7.8		
	5.8		
	8.8		



#48
 Methyl methacrylate
 Concen: 22.125 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion	41	Resp	43915
Ion Ratio	100		
Lower	56.7		
Upper	85.1		
69	69.3		
39	56.0		
	45.0		
	67.6		

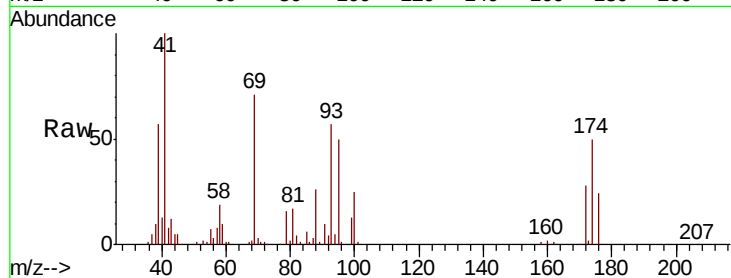




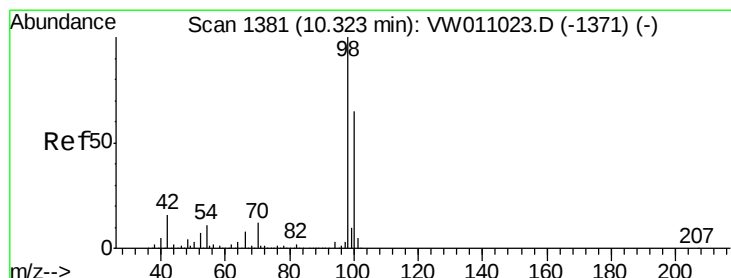
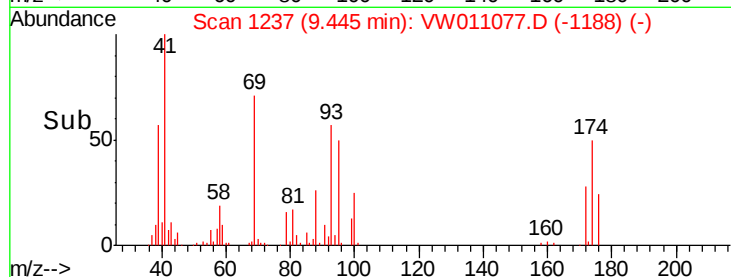
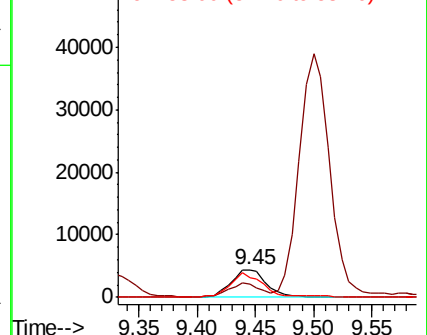
#49
1,4-Dioxane
Concen: 429.860 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

Tot Ion: 88 Resp: 9391
Ion Ratio Lower Upper
88 100
43 47.7 34.4 51.6
58 79.8 65.2 97.8

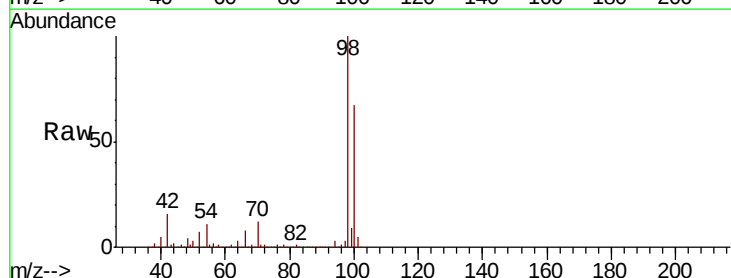


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

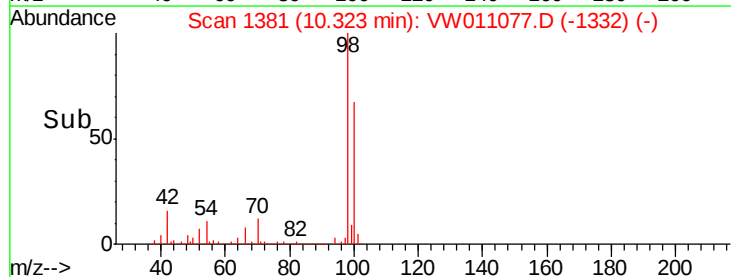
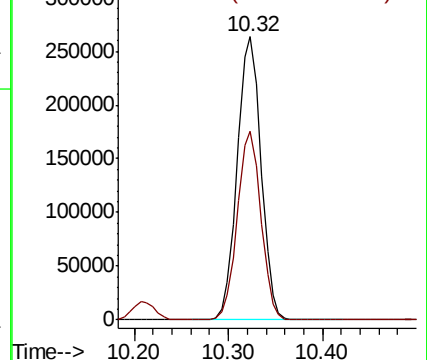


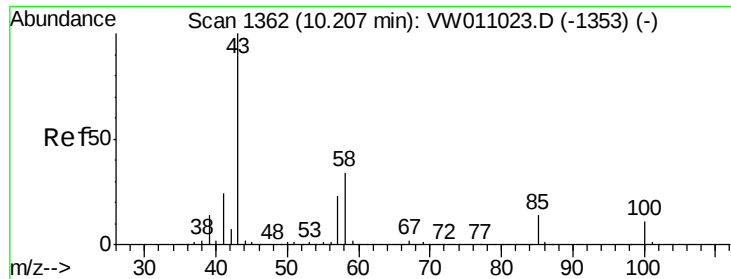
#50
Toluene-d8
Concen: 53.238 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 98 Resp: 463100
Ion Ratio Lower Upper
98 100
100 65.9 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: 112.161 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

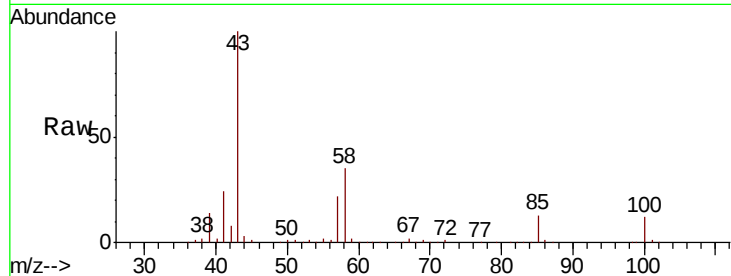
VW0701SBSD01

Tot Ion: 43 Resp: 241683

Ion Ratio Lower Upper

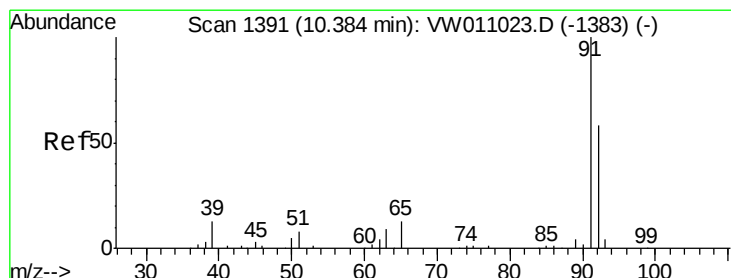
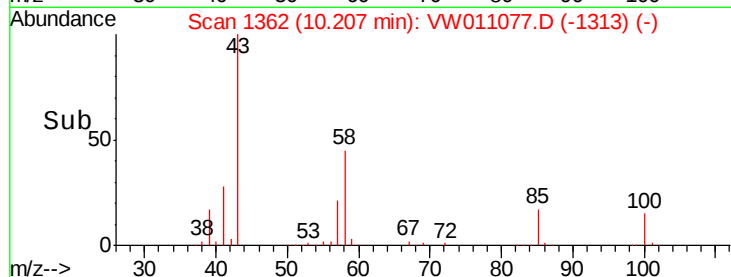
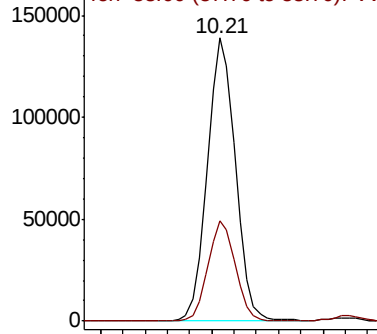
43 100

58 34.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 22.308 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011077.D

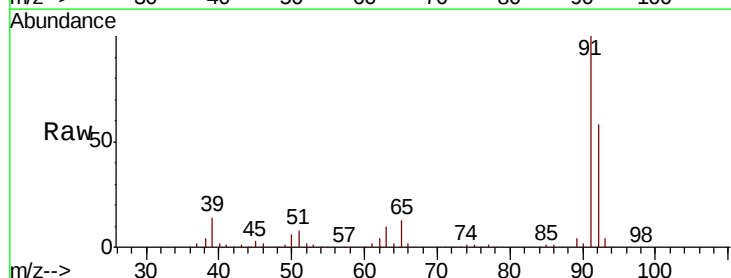
Acq: 01 Jul 2019 11:47

Tgt Ion: 92 Resp: 139724

Ion Ratio Lower Upper

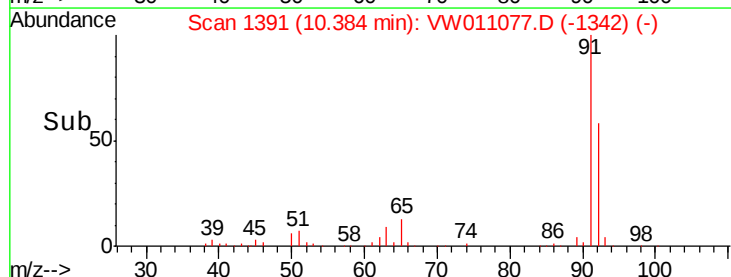
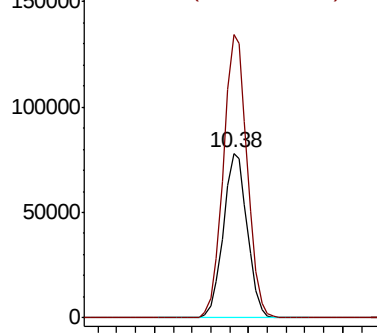
92 100

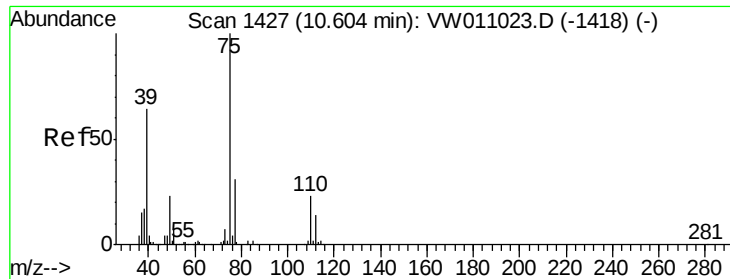
91 171.6 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 22.529 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

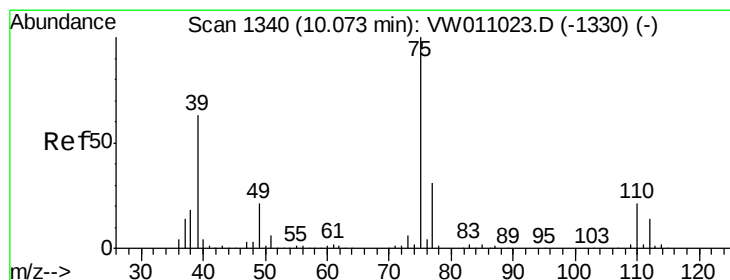
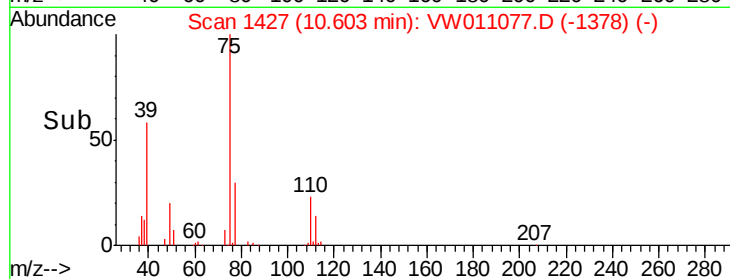
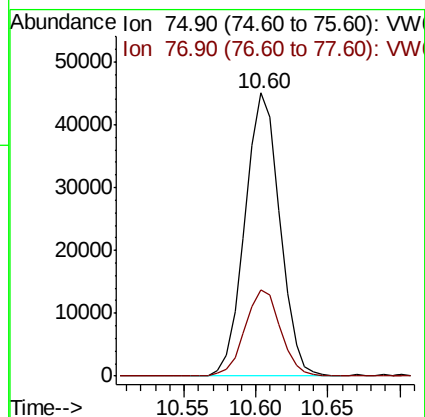
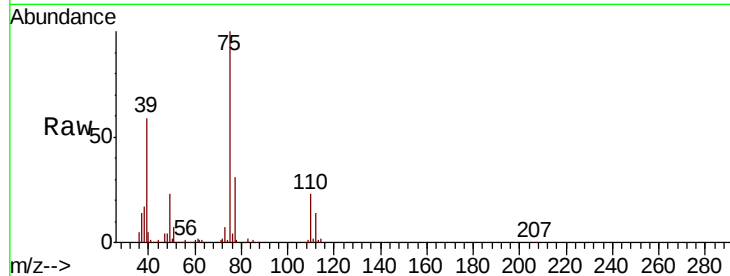
VW0701SBSD01

Tot Ion: 75 Resp: 75490

Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 22.368 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

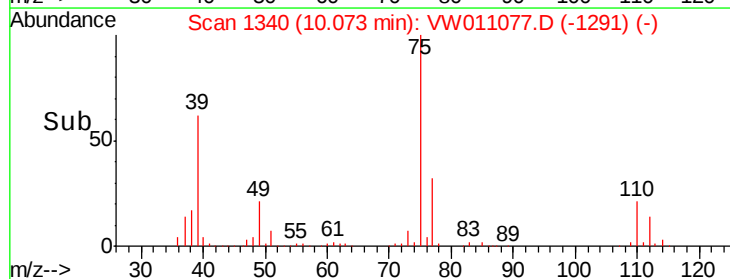
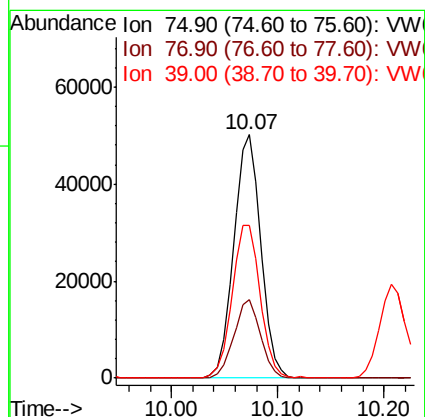
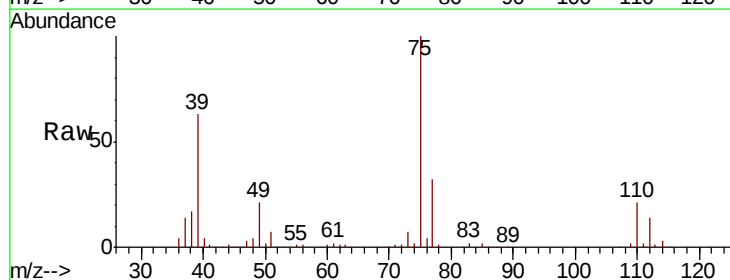
Tgt Ion: 75 Resp: 89406

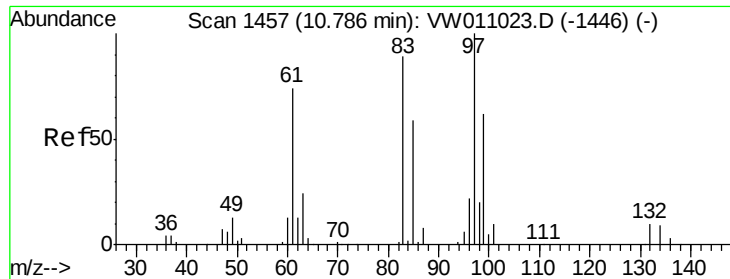
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 62.4 50.0 75.0

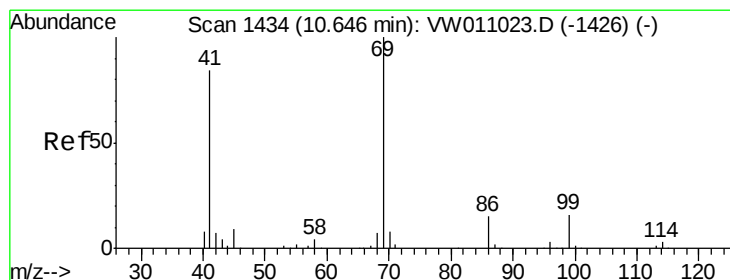
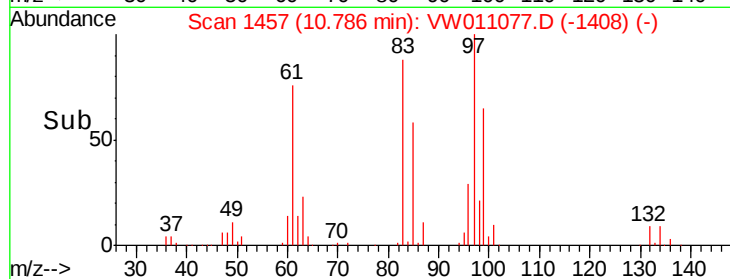
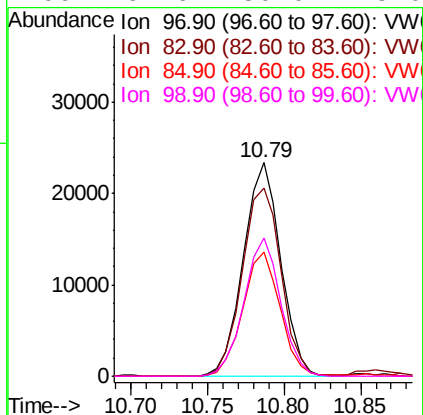
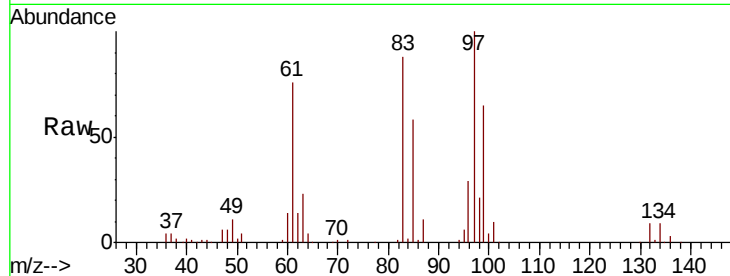




#55
 1,1,2-Trichloroethane
 Concen: 21.641 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

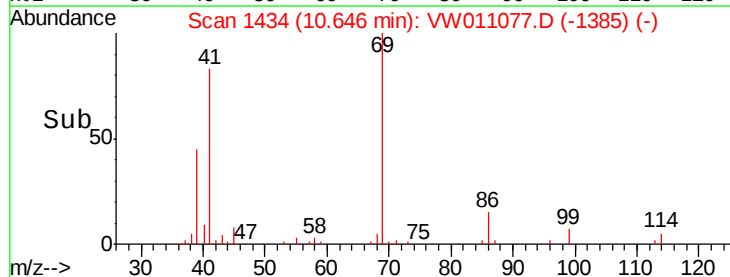
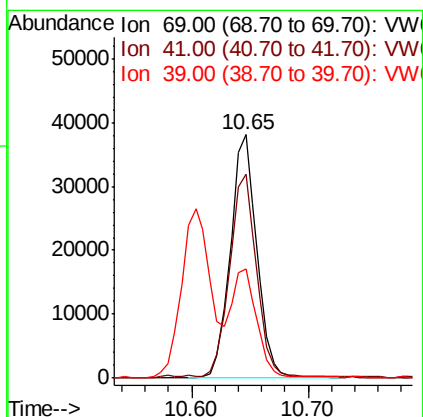
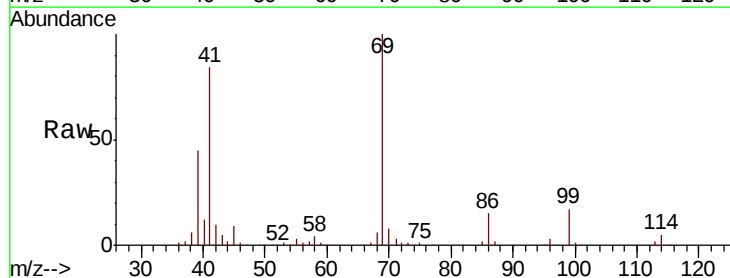
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

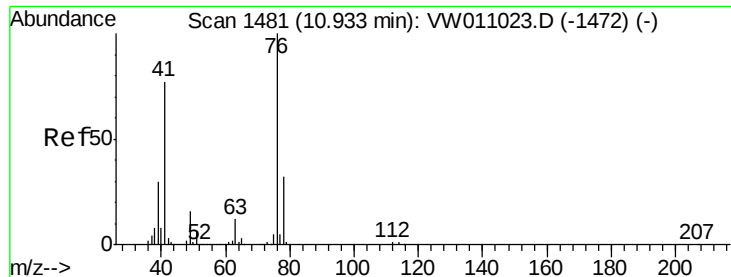
Tot Ion:	97	Resp:	39726
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.9	106.3
85	58.3	47.2	70.8
99	64.6	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 21.889 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion:	69	Resp:	60171
Ion	Ratio	Lower	Upper
69	100		
41	84.0	67.9	101.9
39	41.4	33.2	49.8

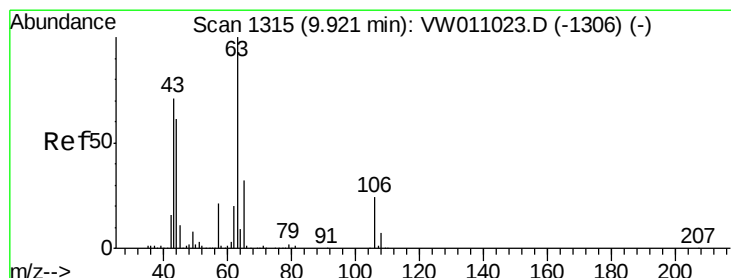
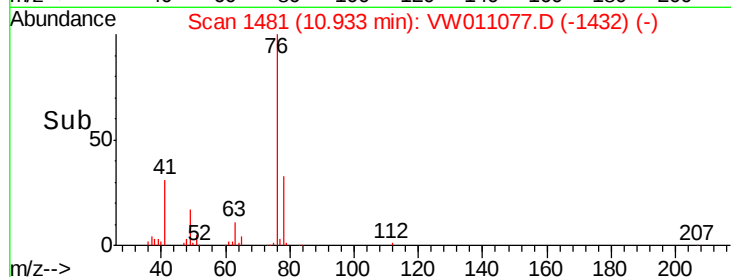
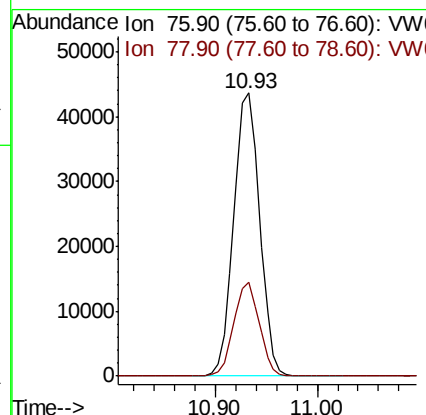
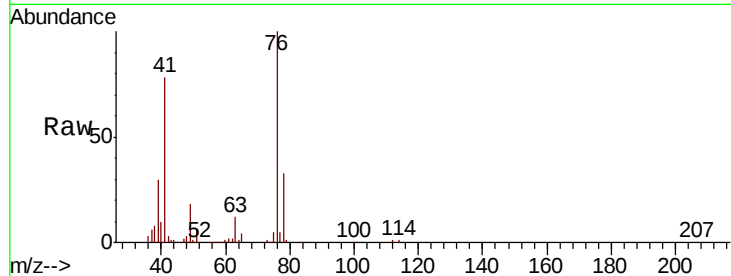




#57
 1,3-Dichloropropane
 Concen: 21.942 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

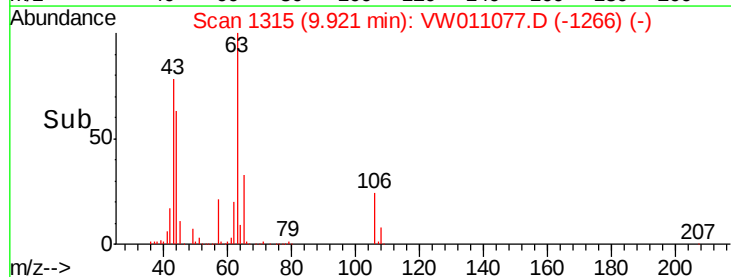
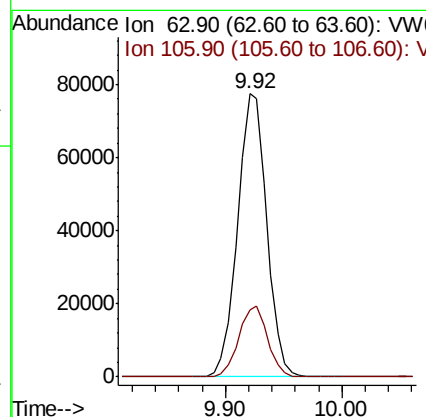
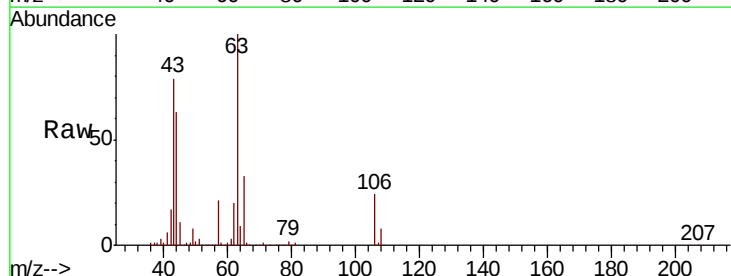
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

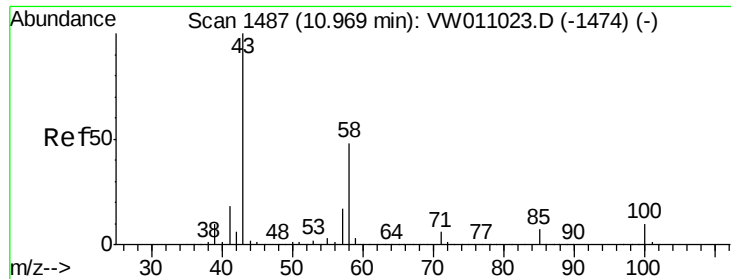
Tot Ion: 76 Resp: 76617
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.997 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion: 63 Resp: 134908
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.4 29.0

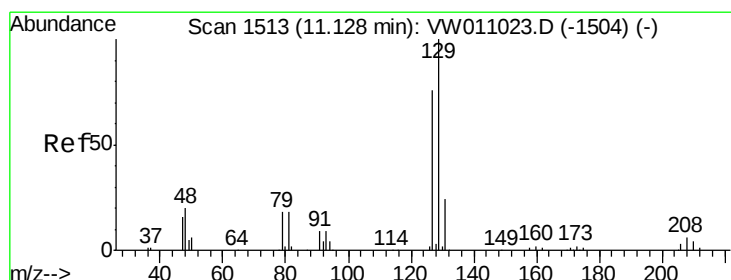
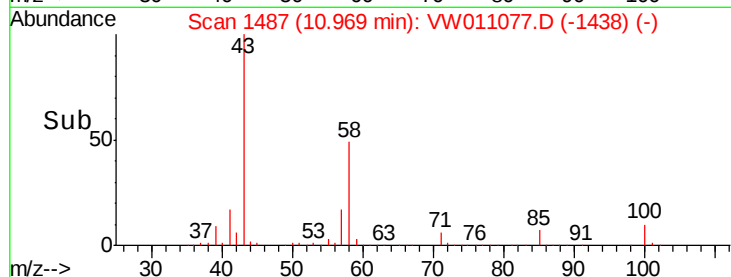
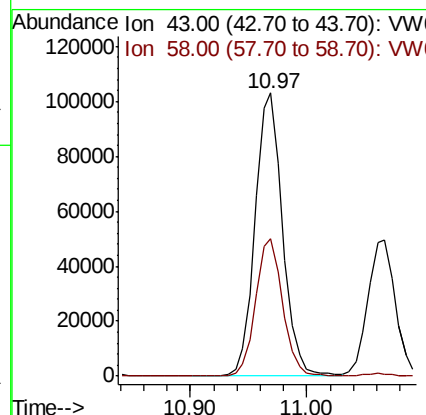
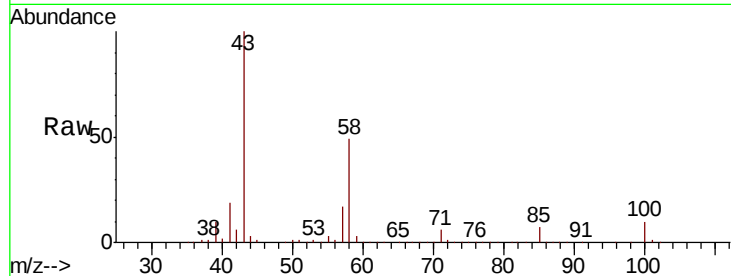




#59
2-Hexanone
Concen: 112.423 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

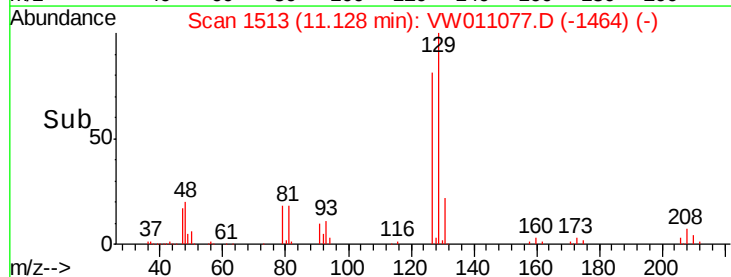
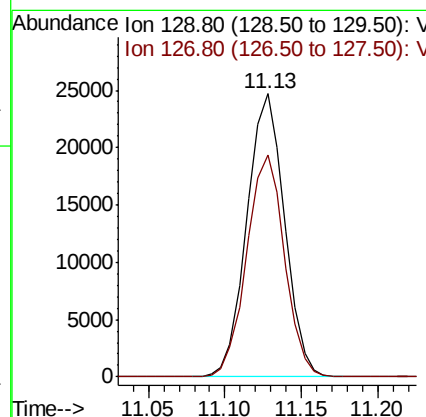
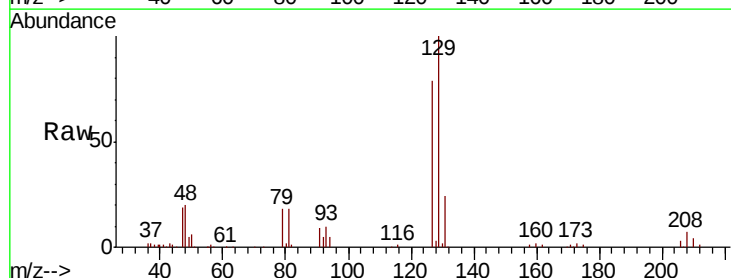
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

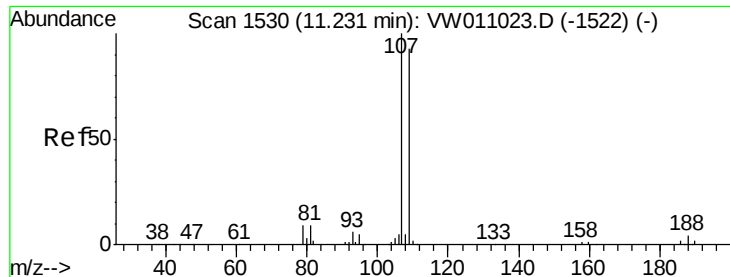
Tot Ion: 43 Resp: 168936
Ion Ratio Lower Upper
43 100
58 47.9 23.8 71.5



#60
Dibromochloromethane
Concen: 22.042 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 129 Resp: 42431
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1





#61

1,2-Dibromoethane

Concen: 22.096 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

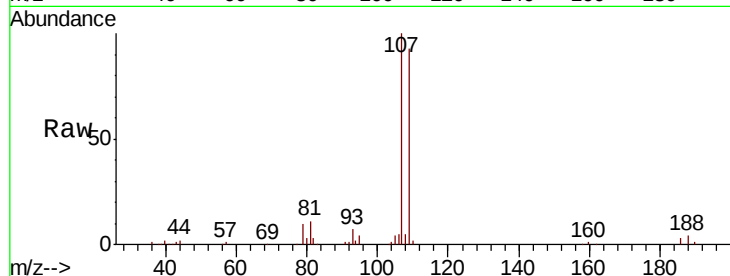
VW0701SBSD01

Tot Ion: 107 Resp: 37972

Ion Ratio Lower Upper

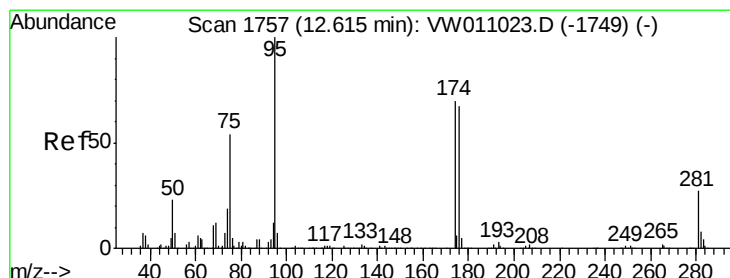
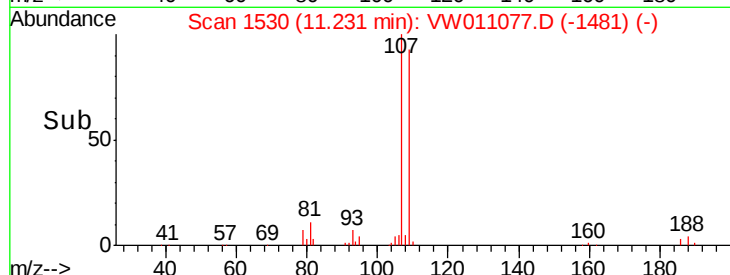
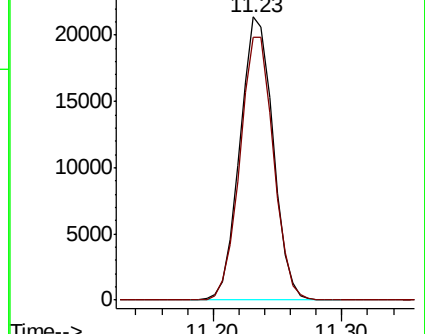
107 100

109 93.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.864 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

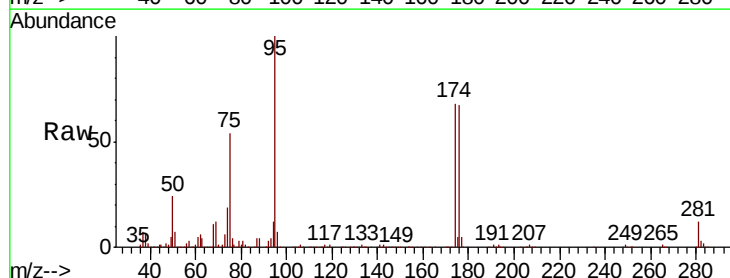
Tgt Ion: 95 Resp: 168189

Ion Ratio Lower Upper

95 100

174 73.2 0.0 149.2

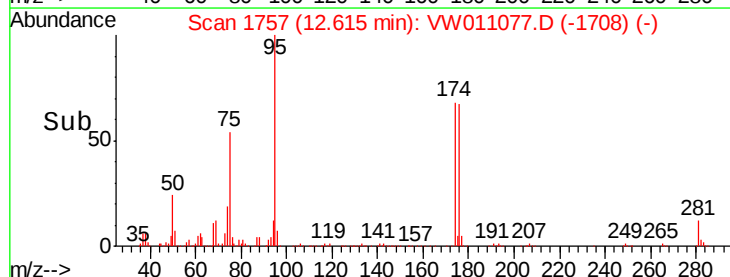
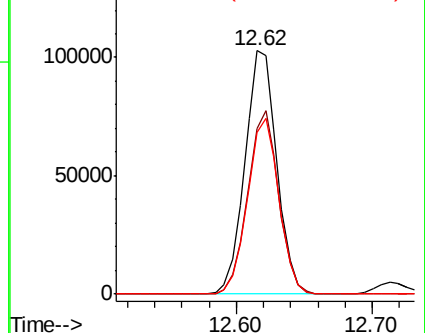
176 71.4 0.0 143.6

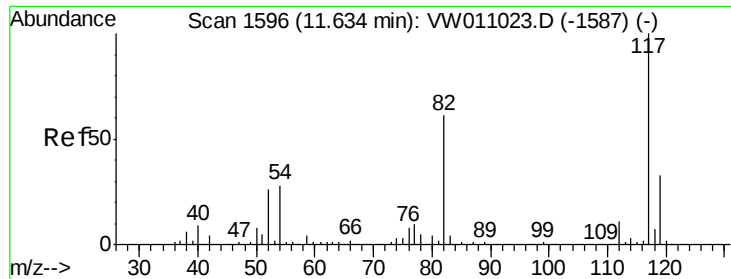


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

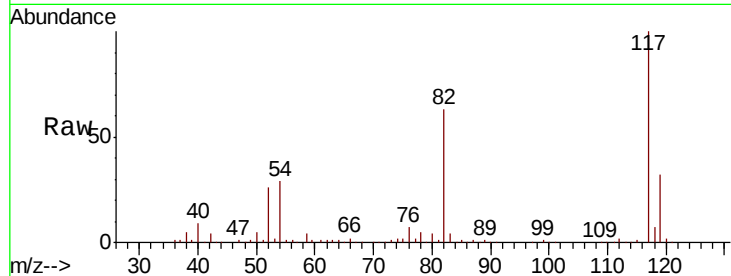




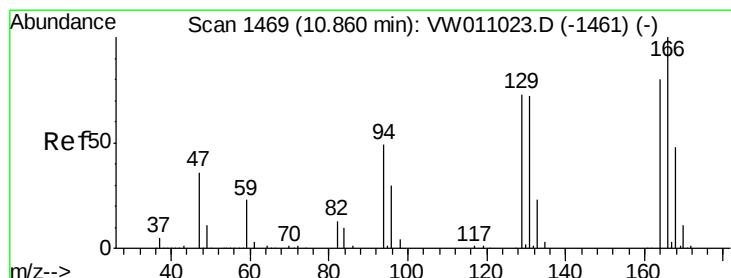
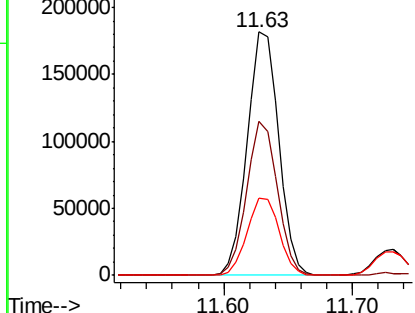
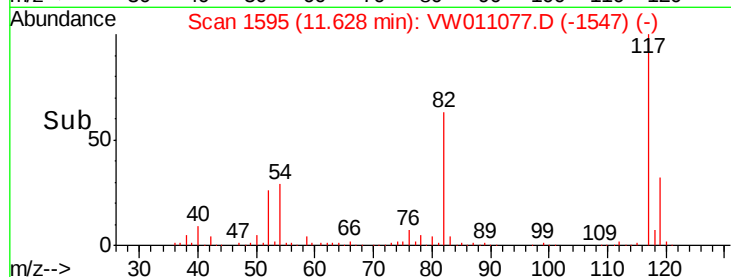
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

Tot Ion:117 Resp: 306949
Ion Ratio Lower Upper
117 100
82 63.1 48.6 73.0
119 32.0 26.1 39.1

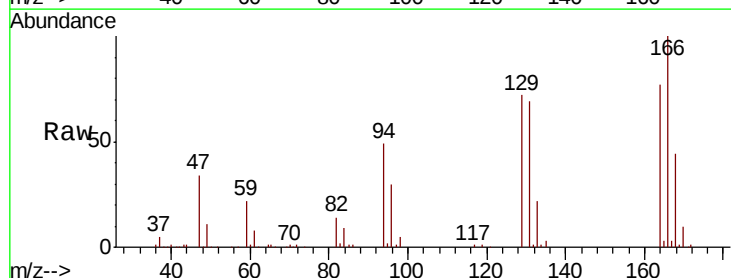


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

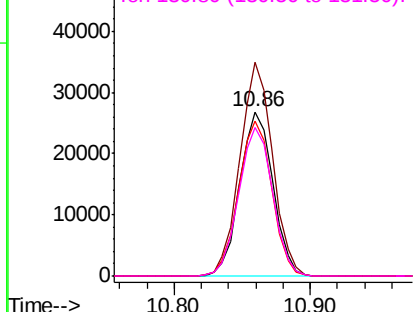
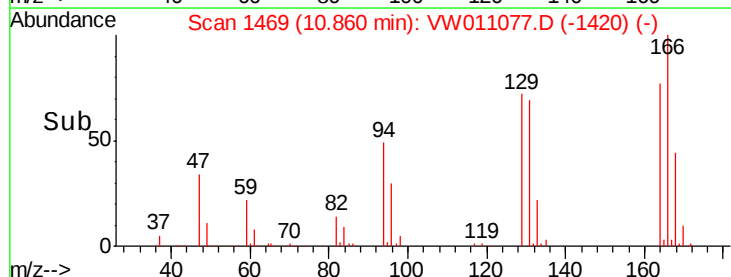


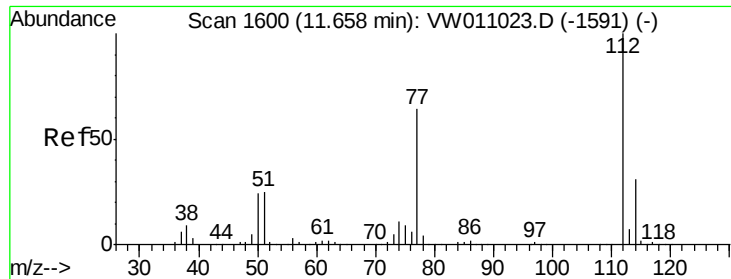
#64
Tetrachloroethene
Concen: 21.671 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion:164 Resp: 45776
Ion Ratio Lower Upper
164 100
166 130.0 99.8 149.6
129 93.9 73.0 109.4
131 90.3 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

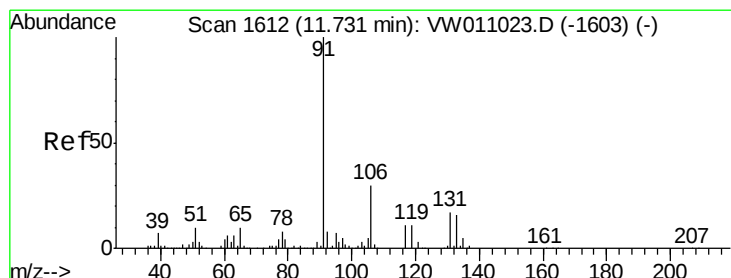
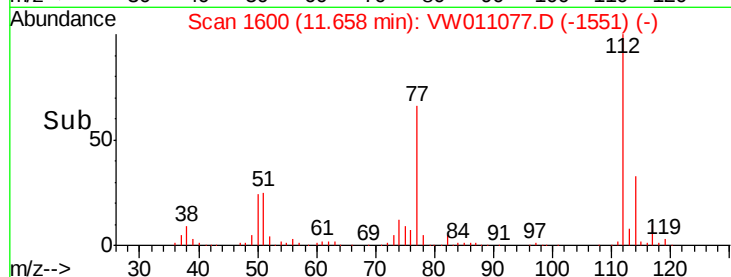
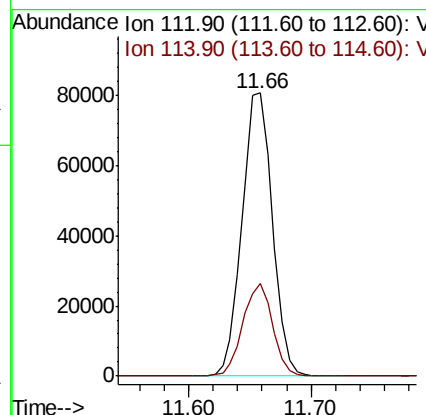
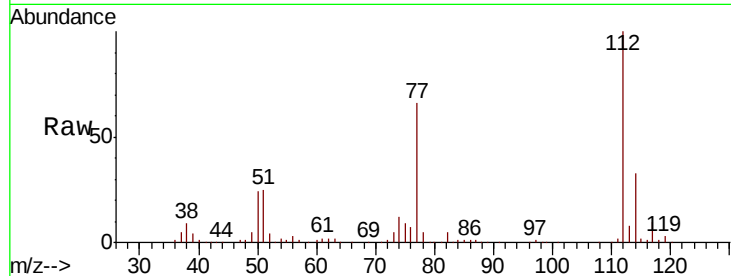




#65
Chlorobenzene
Concen: 22.078 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

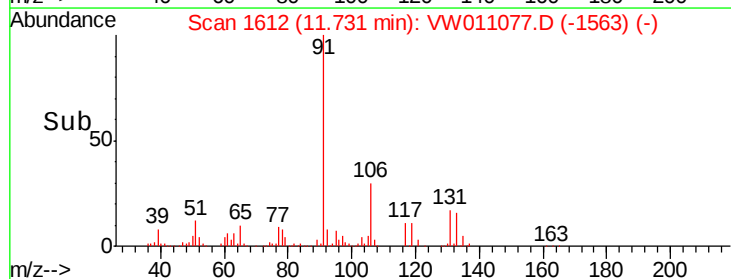
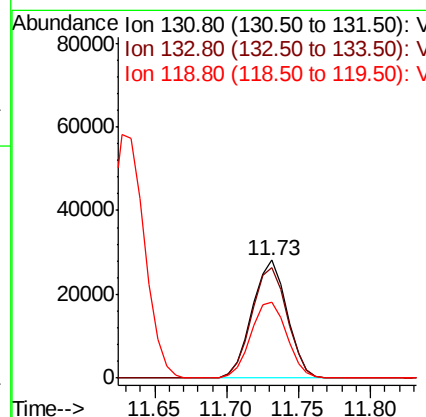
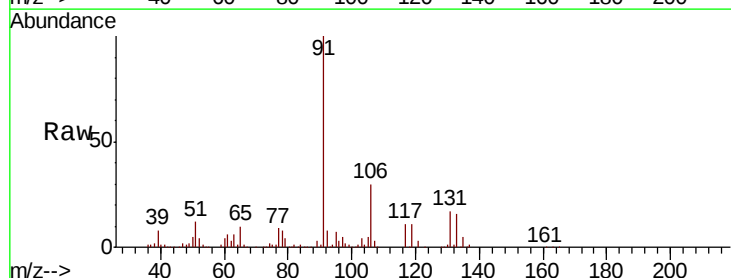
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

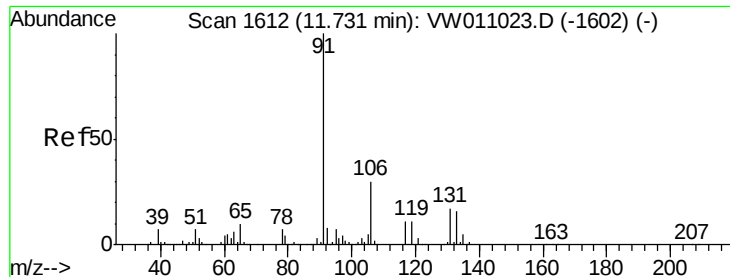
Tot Ion:112 Resp: 138719
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.143 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion:131 Resp: 47238
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.4 33.1 99.2

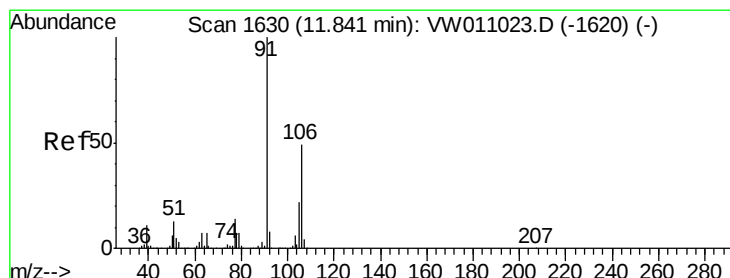
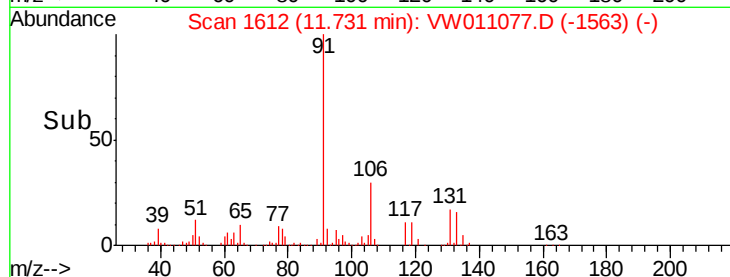
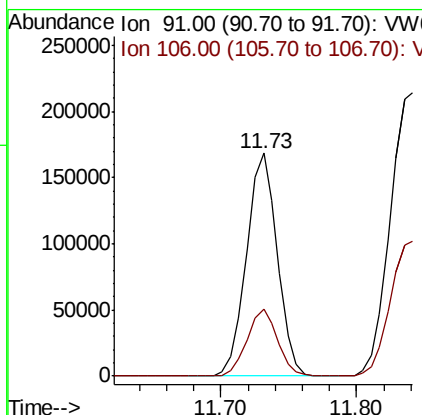
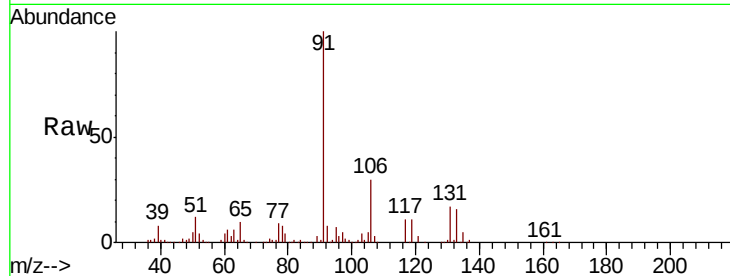




#67
Ethyl Benzene
Concen: 22.242 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

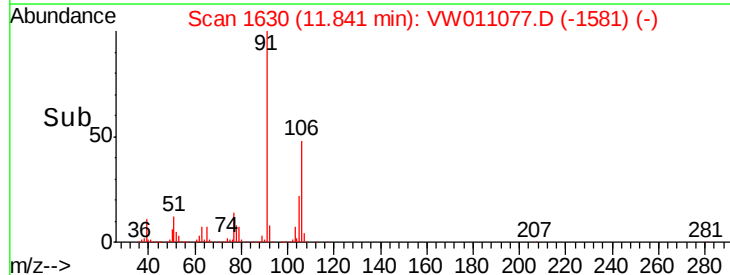
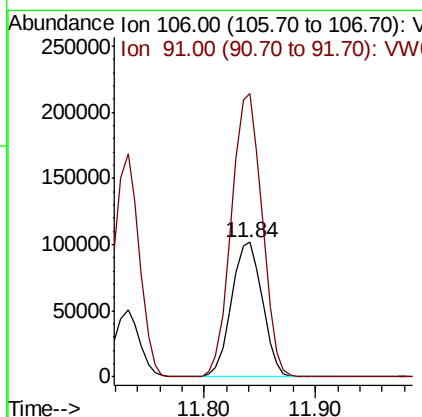
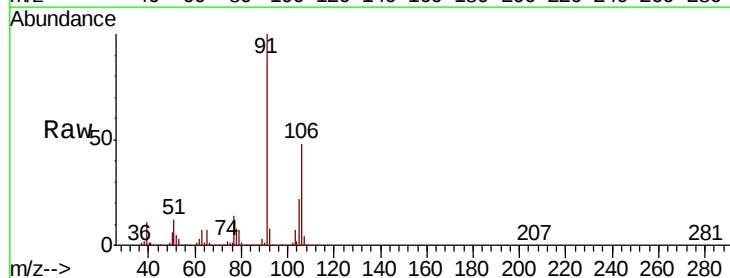
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

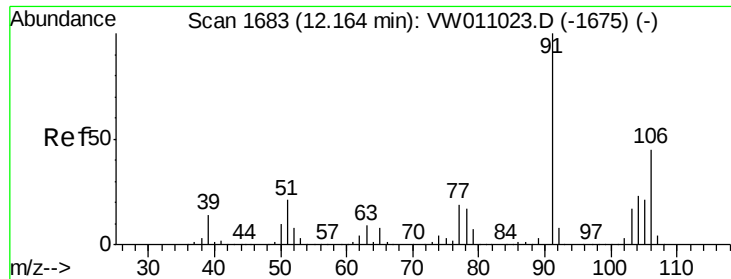
Tot Ion: 91 Resp: 267673
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 44.741 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 106 Resp: 195375
Ion Ratio Lower Upper
106 100
91 208.6 167.5 251.3

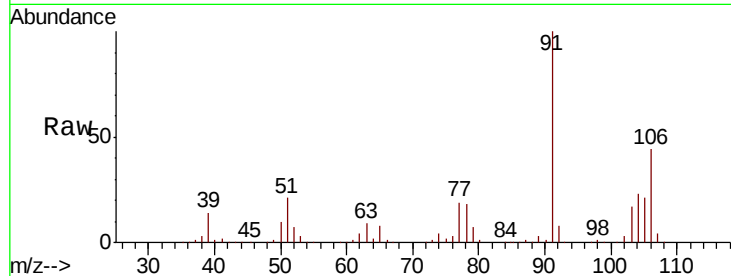




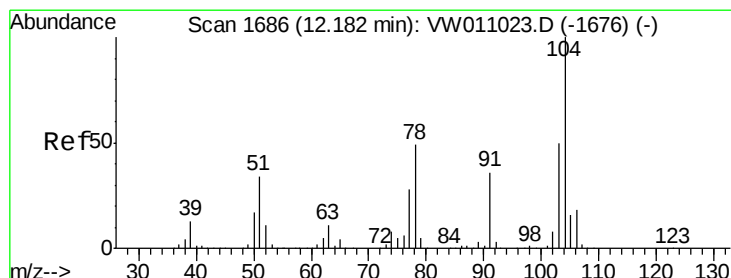
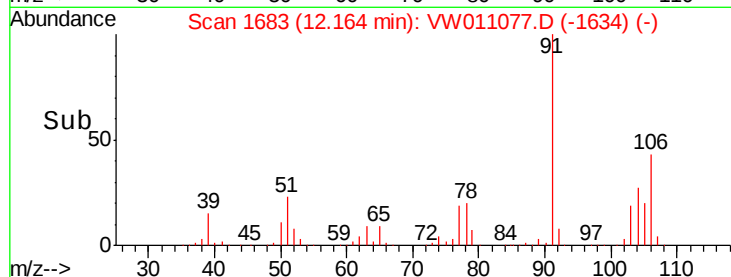
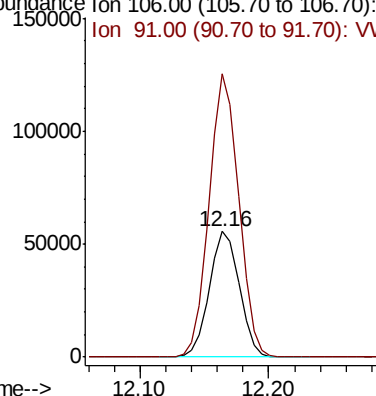
#69
o-Xylene
Concen: 22.057 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

Tot Ion:106 Resp: 89716
Ion Ratio Lower Upper
106 100
91 222.6 110.8 332.3

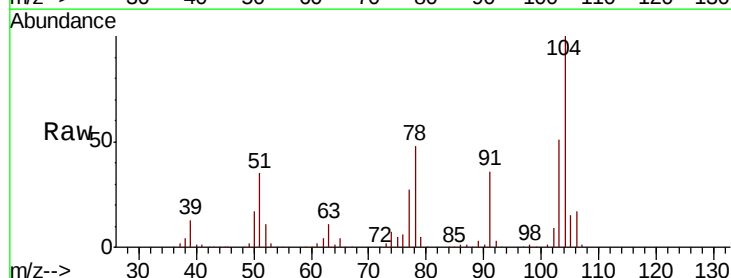


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

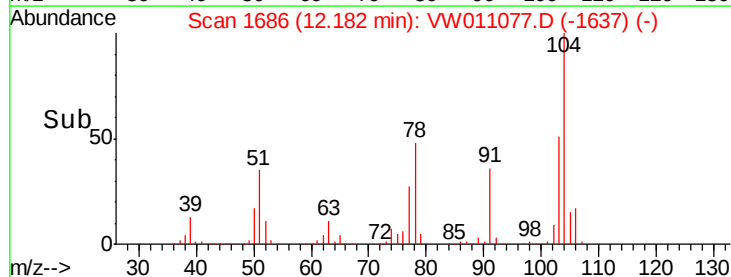
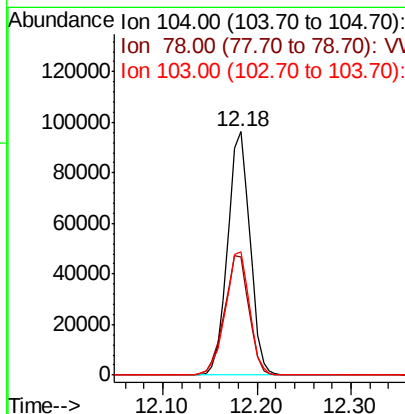


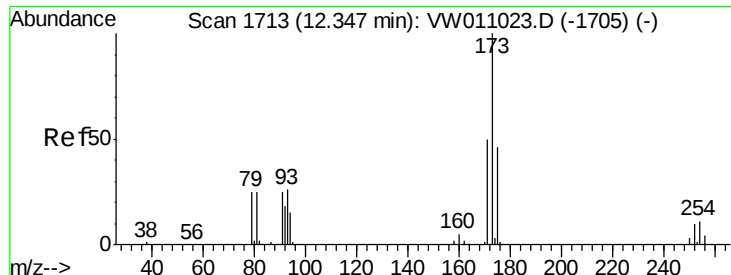
#70
Styrene
Concen: 22.399 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion:104 Resp: 158311
Ion Ratio Lower Upper
104 100
78 54.1 43.7 65.5
103 54.7 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: 22.600 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBSD01

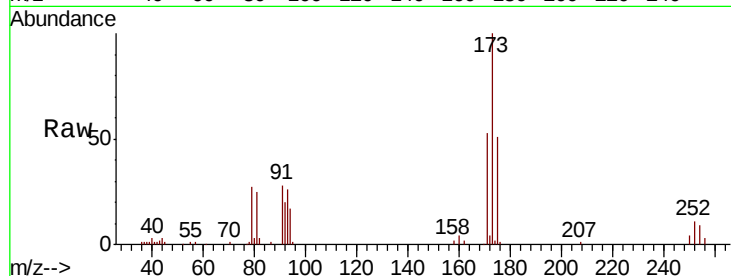
Tot Ion:173 Resp: 23504

Ion Ratio Lower Upper

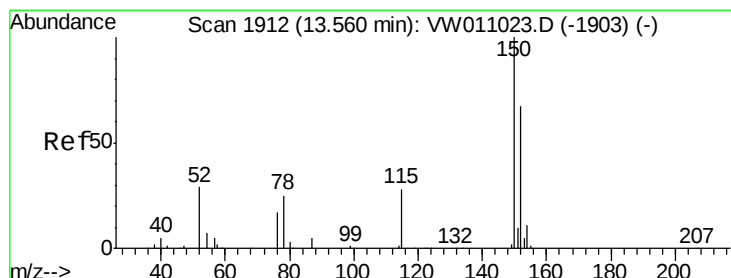
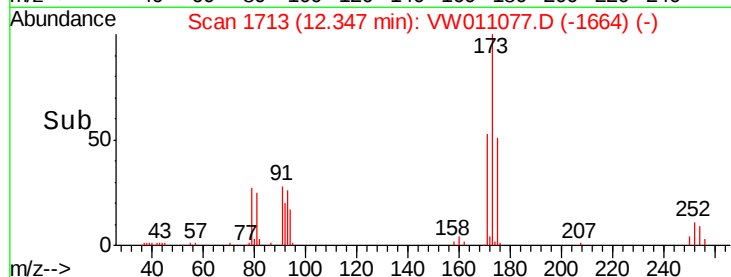
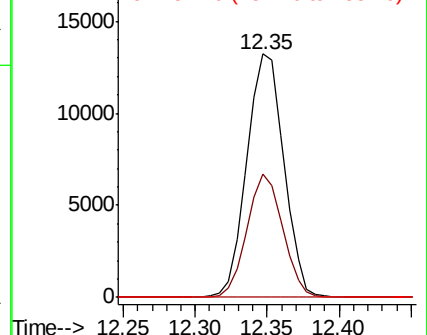
173 100

175 48.8 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: VW011077.D

Acq: 01 Jul 2019 11:47

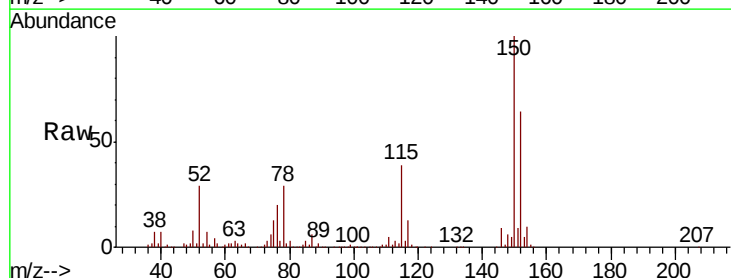
Tgt Ion:152 Resp: 151393

Ion Ratio Lower Upper

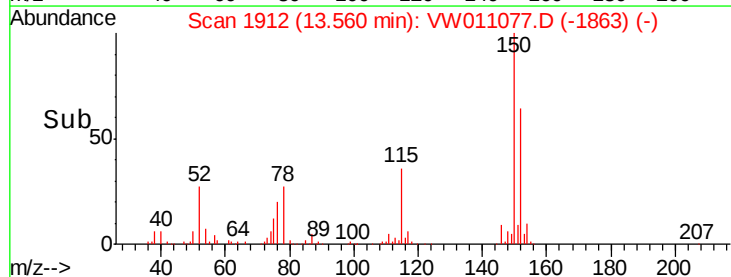
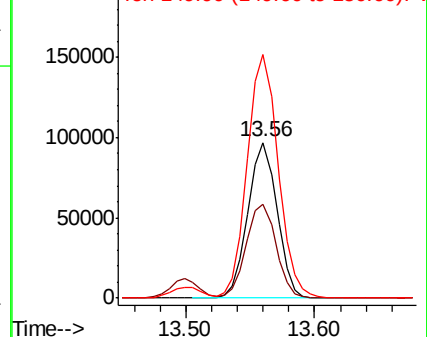
152 100

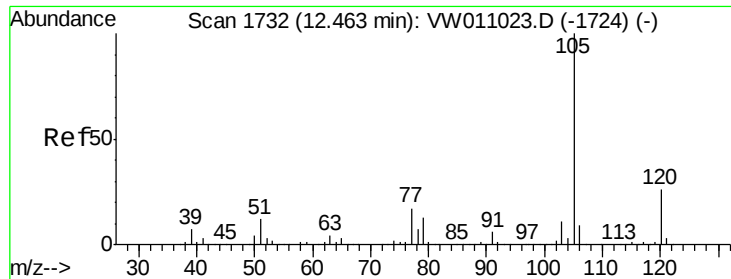
115 61.8 30.7 92.1

150 165.7 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: 22.423 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

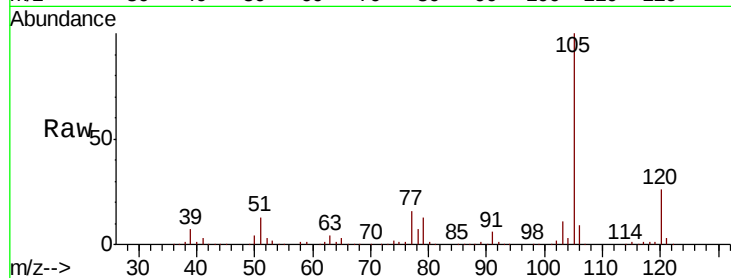
VW0701SBSD01

Tot Ion:105 Resp: 254309

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

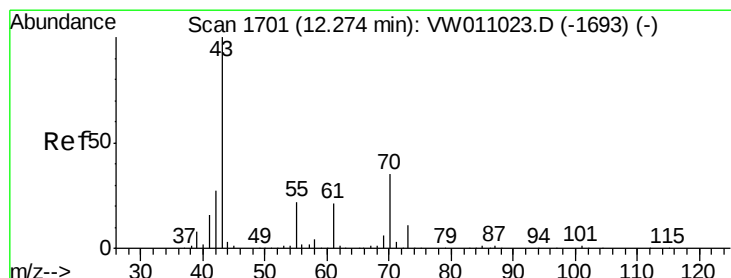
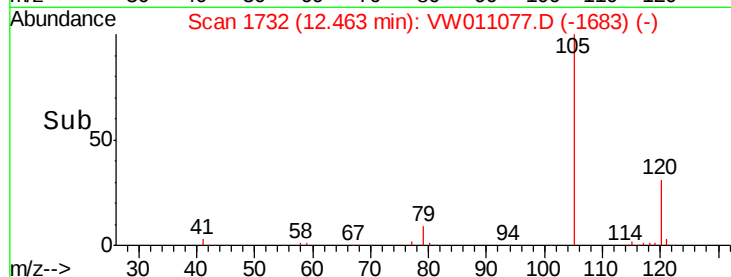
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 23.030 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Tgt Ion: 43 Resp: 87720

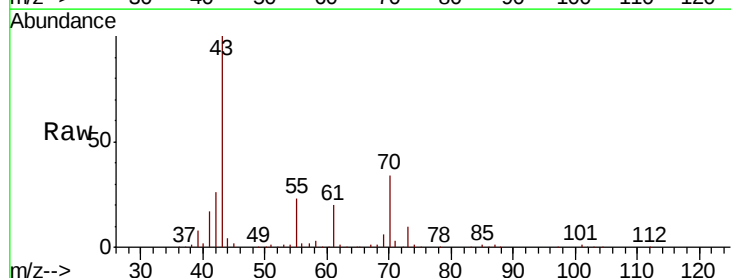
Ion Ratio Lower Upper

43 100

70 35.5 28.2 42.4

55 23.1 17.8 26.8

61 20.7 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.27

80000

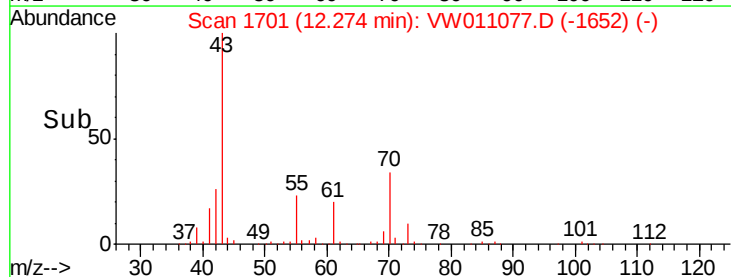
60000

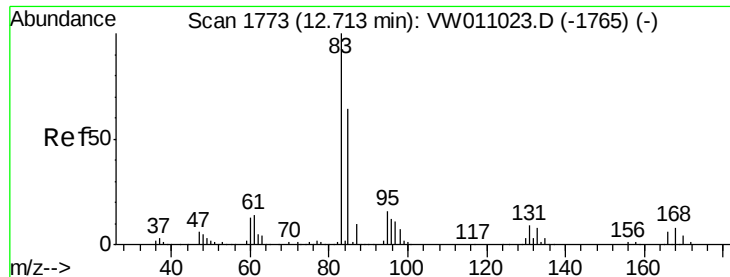
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.480 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBSD01

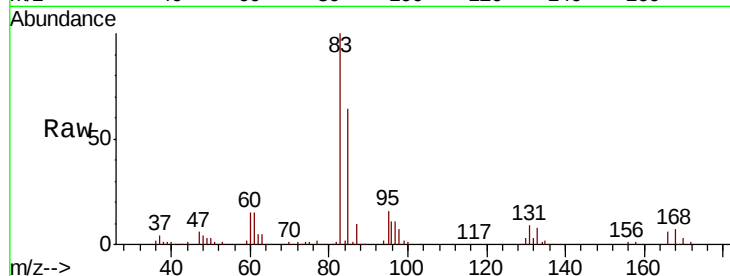
Tot Ion: 83 Resp: 50066

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

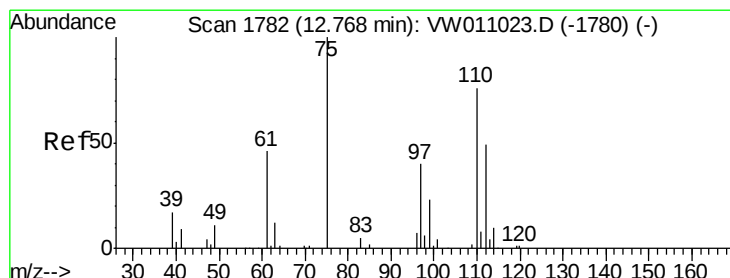
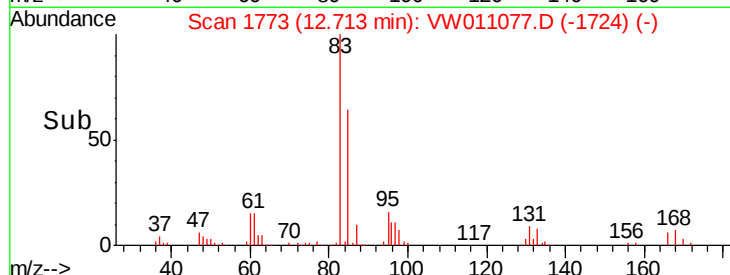
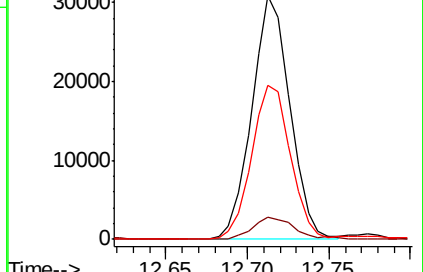
85 64.7 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 41.229 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011077.D

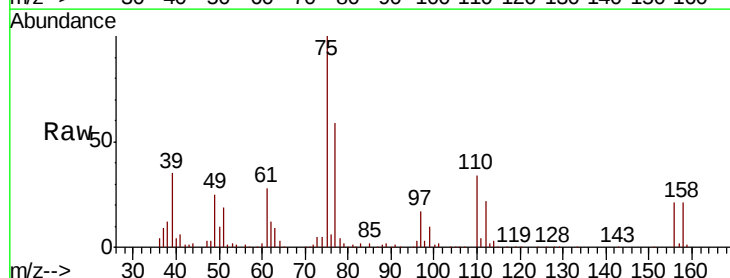
Acq: 01 Jul 2019 11:47

Tgt Ion: 75 Resp: 65897

Ion Ratio Lower Upper

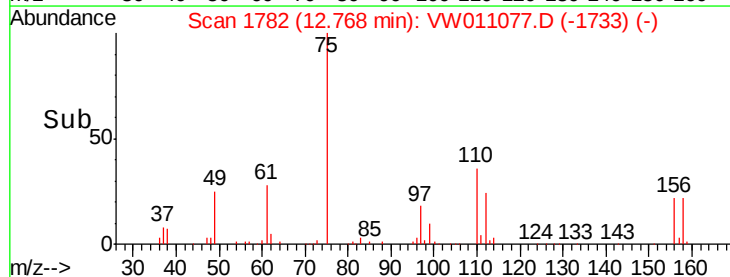
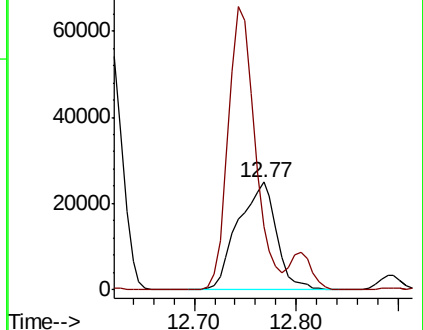
75 100

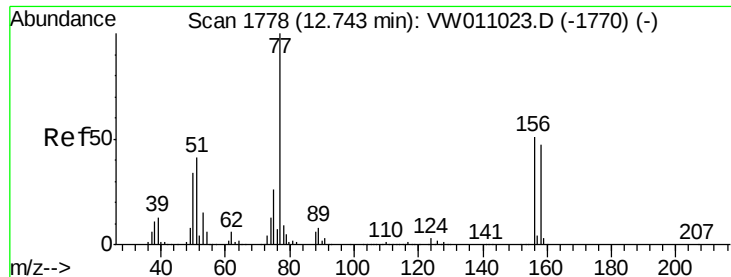
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.086 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBSD01

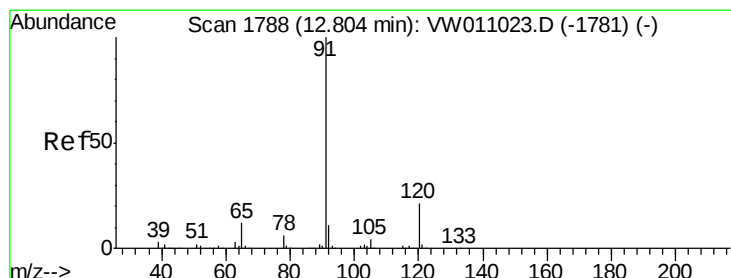
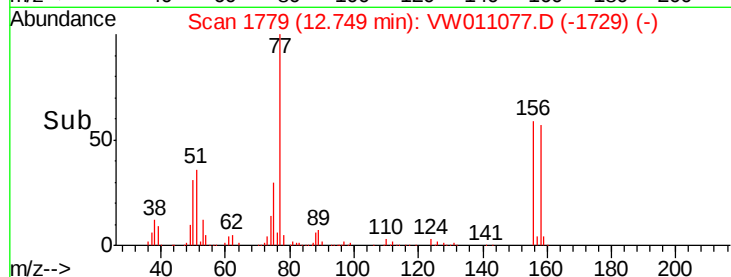
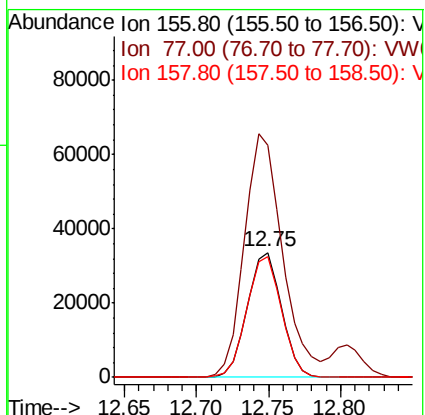
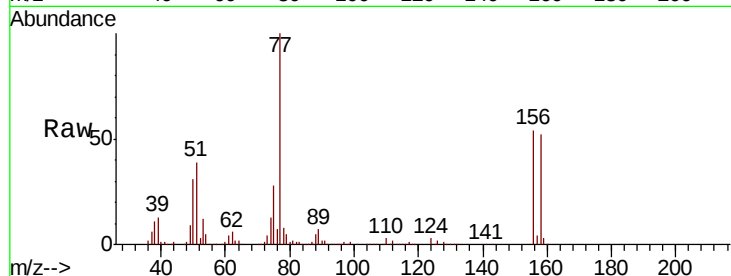
Tot Ion:156 Resp: 55058

Ion Ratio Lower Upper

156 100

77 218.7 109.5 328.5

158 98.4 48.6 145.9



#78

n-propylbenzene

Concen: 22.257 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011077.D

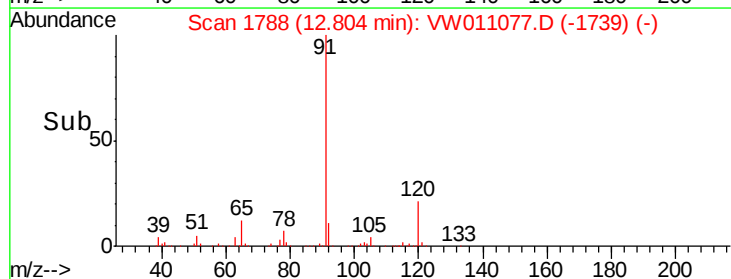
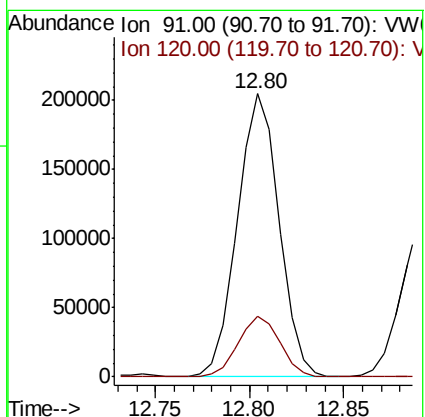
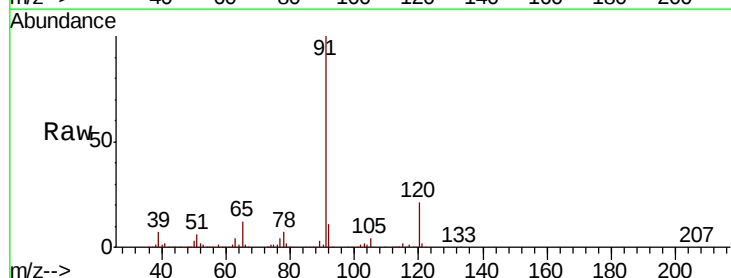
Acq: 01 Jul 2019 11:47

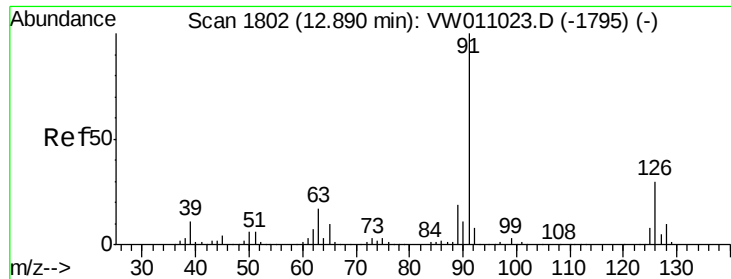
Tgt Ion: 91 Resp: 312600

Ion Ratio Lower Upper

91 100

120 21.5 10.5 31.6

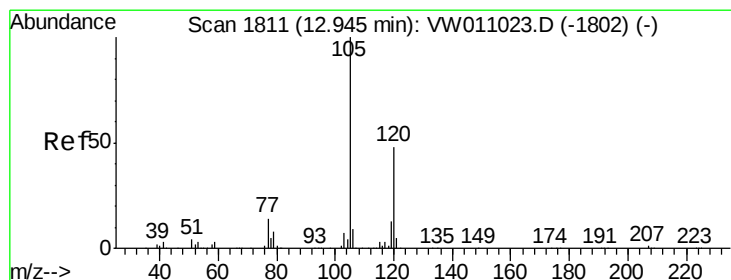
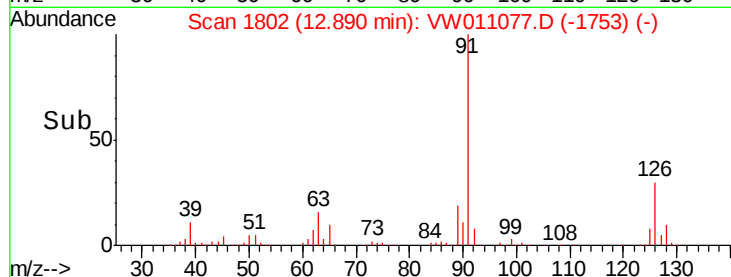
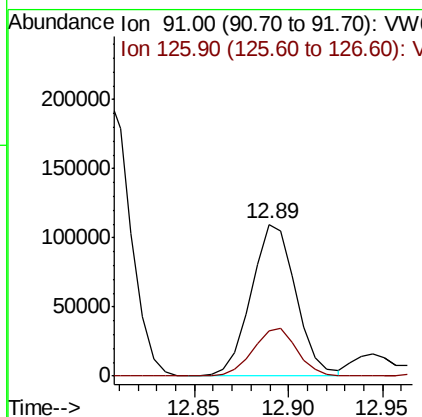
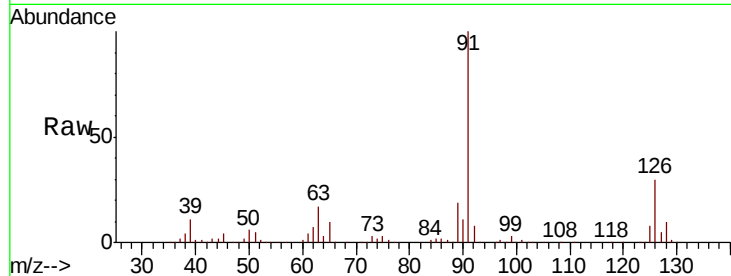




#79
 2-Chlorotoluene
 Concen: 22.398 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

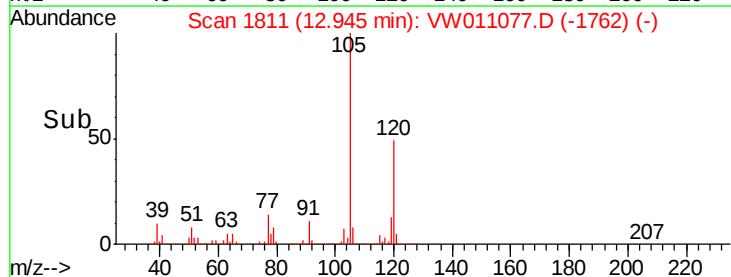
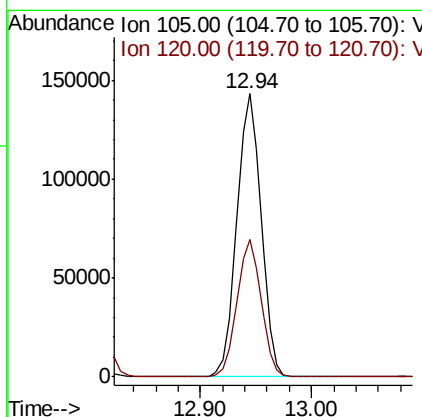
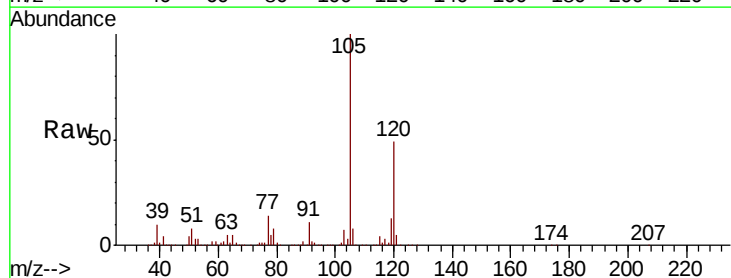
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

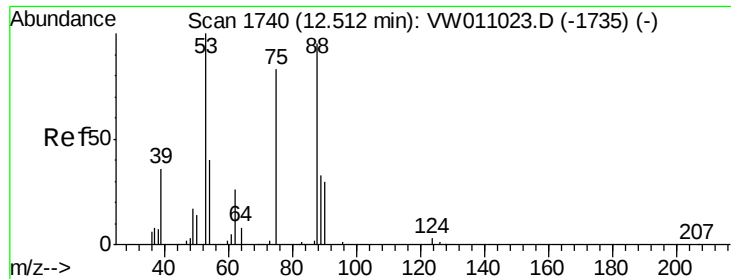
Tot Ion: 91 Resp: 179720
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.4 46.4



#80
 1,3,5-Trimethylbenzene
 Concen: 22.484 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion: 105 Resp: 216130
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.8 71.5

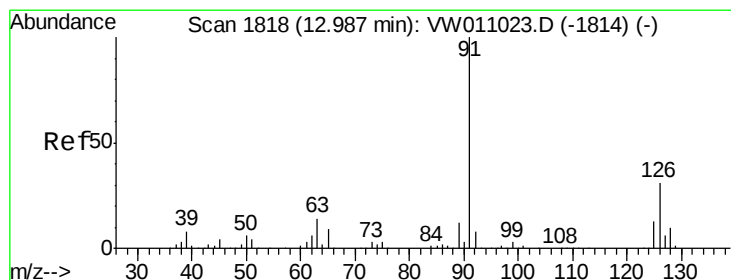
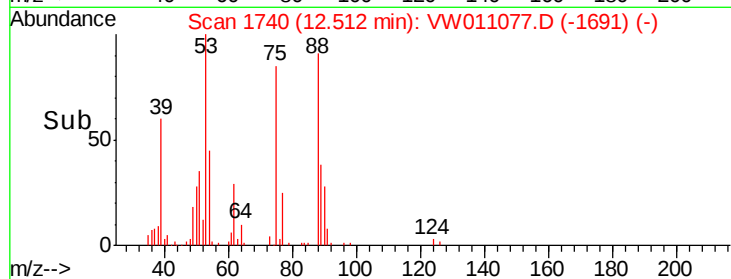
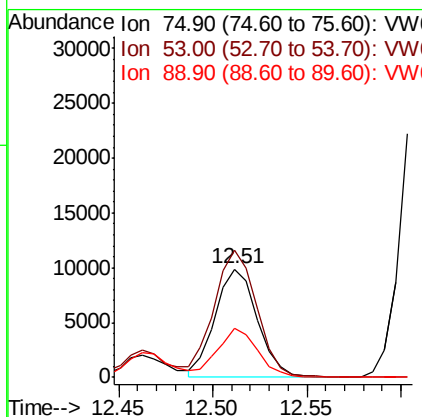
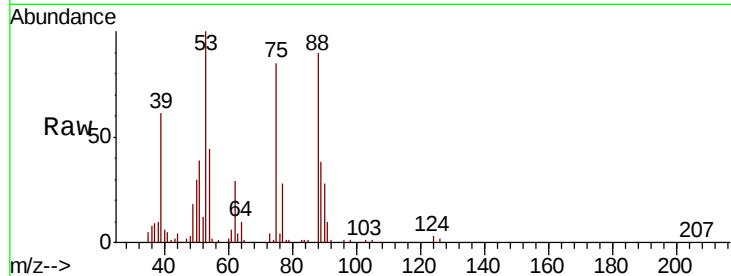




#81
trans-1,4-Dichloro-2-butene
Concen: 22.879 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

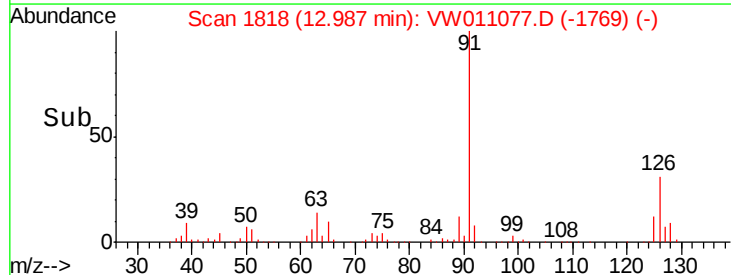
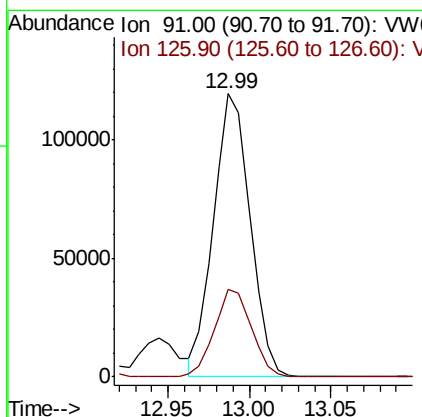
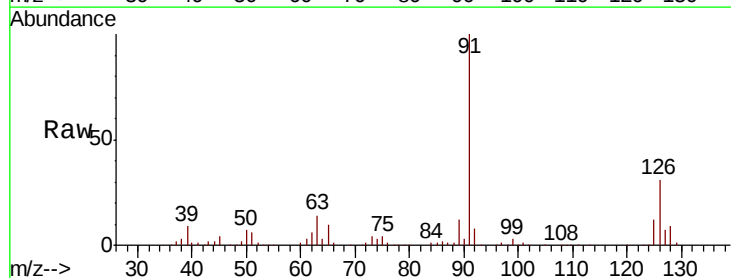
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

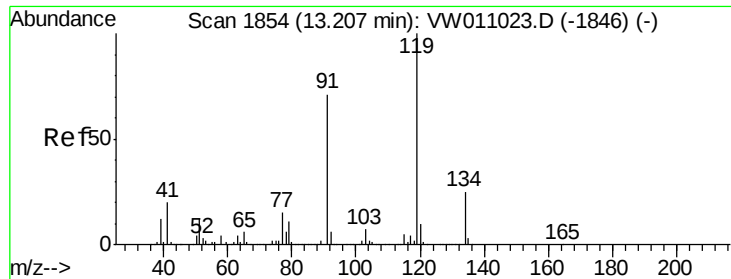
Tot Ion: 75 Resp: 15365
Ion Ratio Lower Upper
75 100
53 121.2 95.6 143.4
89 43.6 34.4 51.6



#82
4-Chlorotoluene
Concen: 22.382 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion: 91 Resp: 187149
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.1

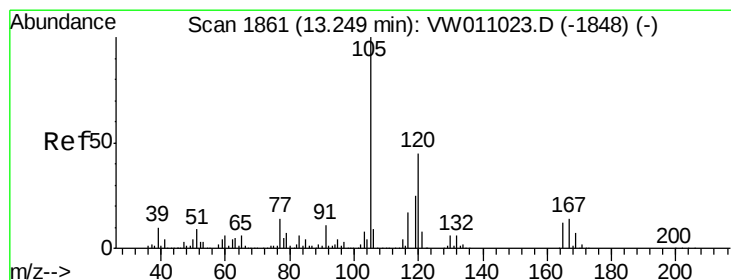
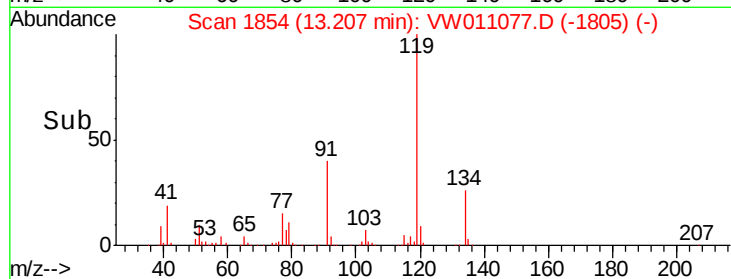
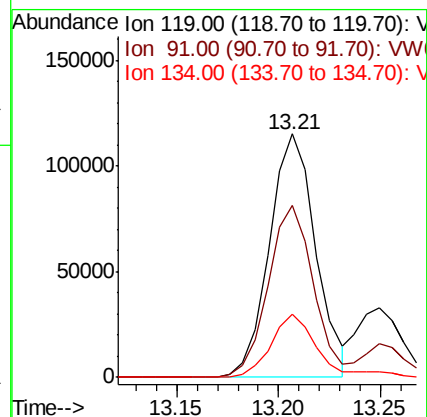
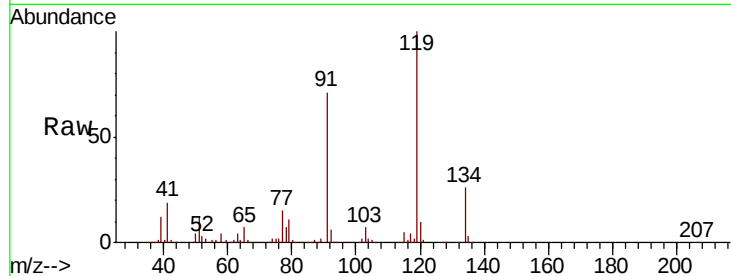




#83
tert-Butylbenzene
Concen: 22.762 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

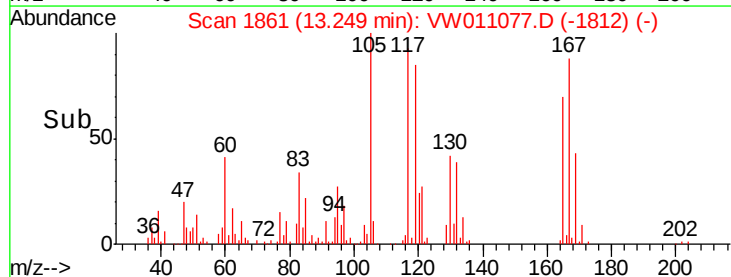
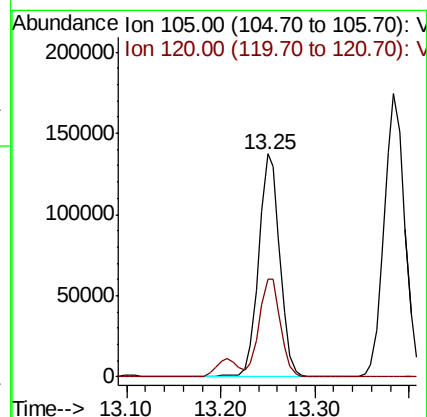
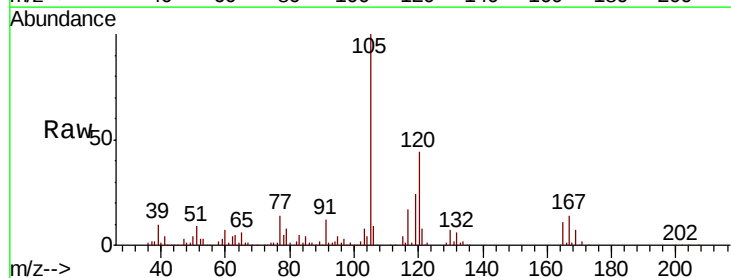
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

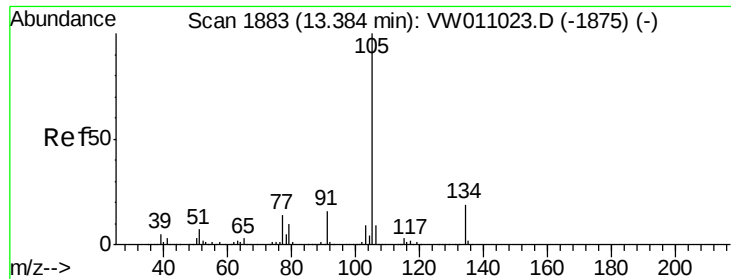
Tot Ion:119 Resp: 182464
Ion Ratio Lower Upper
119 100
91 68.8 35.5 106.5
134 24.8 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 22.333 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion:105 Resp: 216997
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.2





#85

sec-Butylbenzene

Concen: 22.696 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

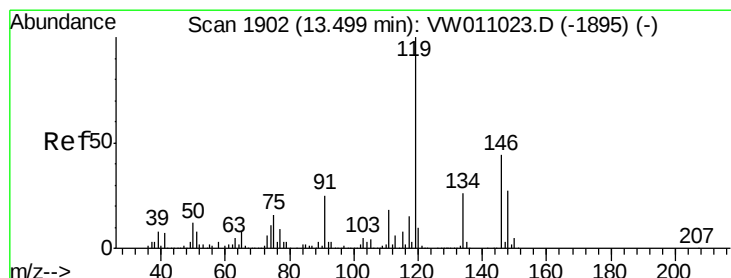
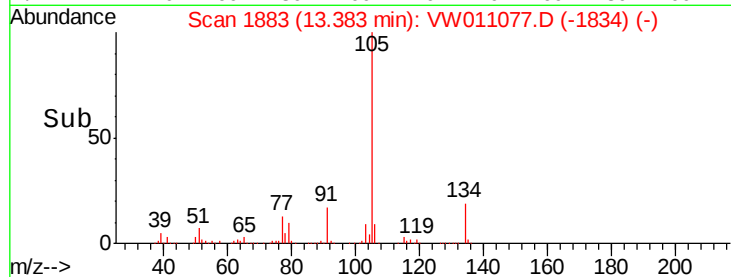
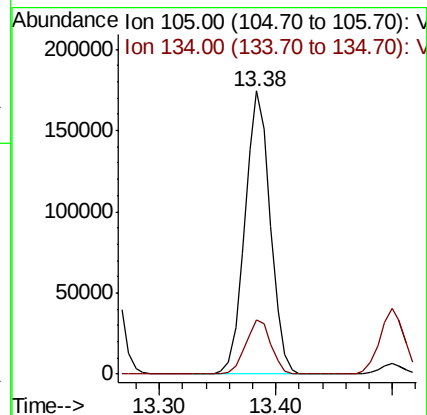
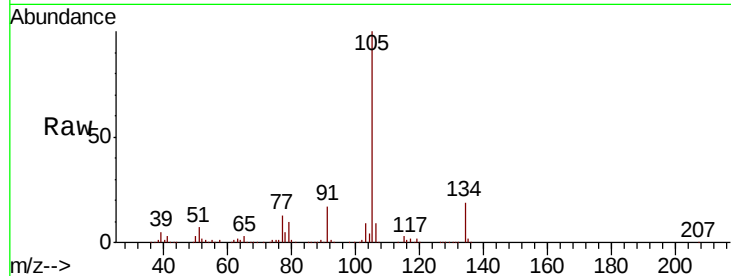
VW0701SBSD01

Tot Ion:105 Resp: 264296

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 22.565 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

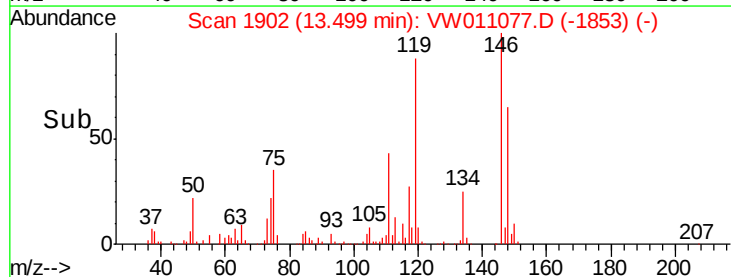
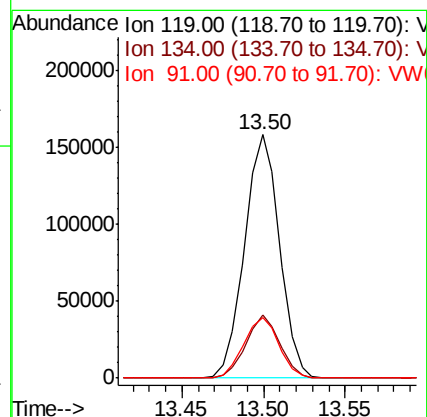
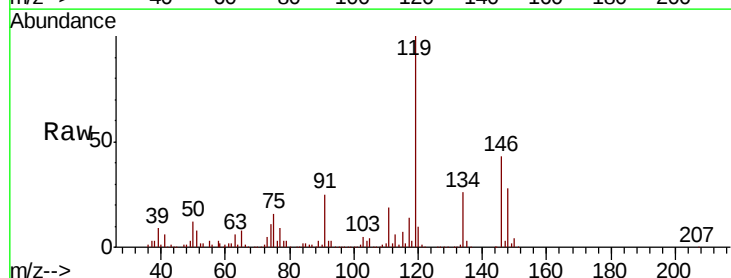
Tgt Ion:119 Resp: 236459

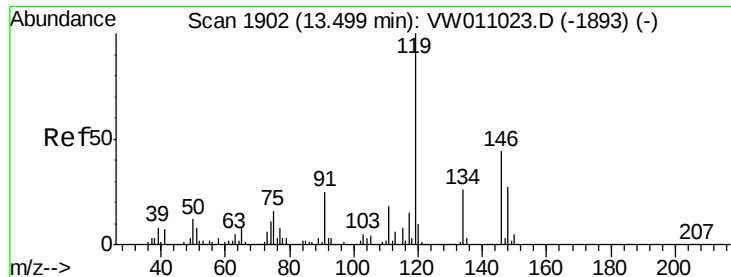
Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

91 25.2 12.3 36.9

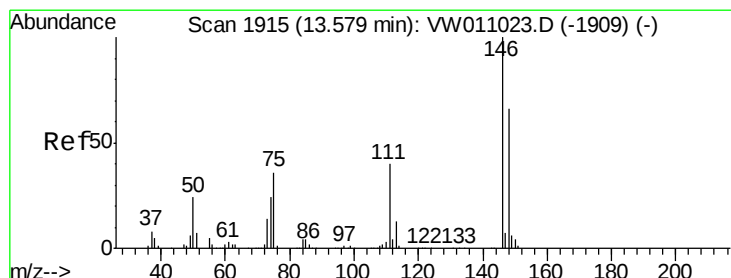
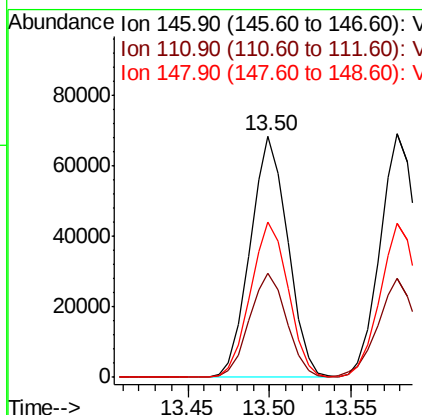
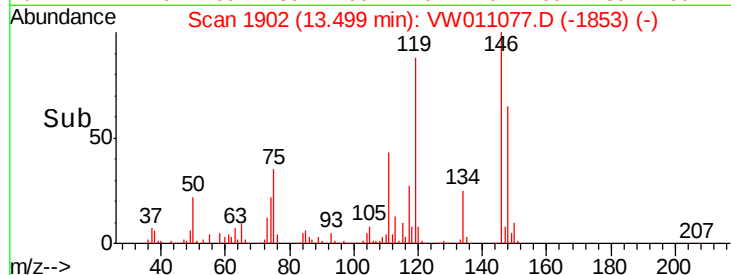
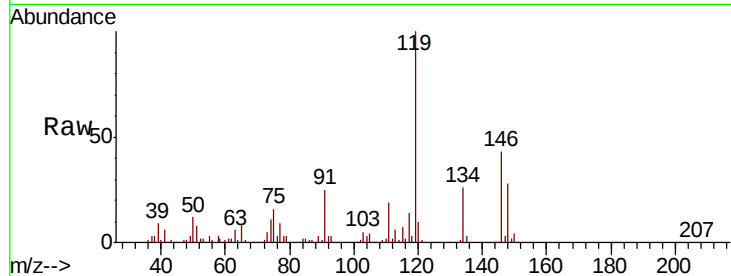




#87
 1,3-Dichlorobenzene
 Concen: 22.206 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

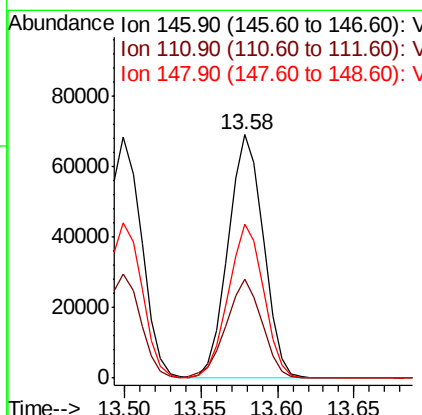
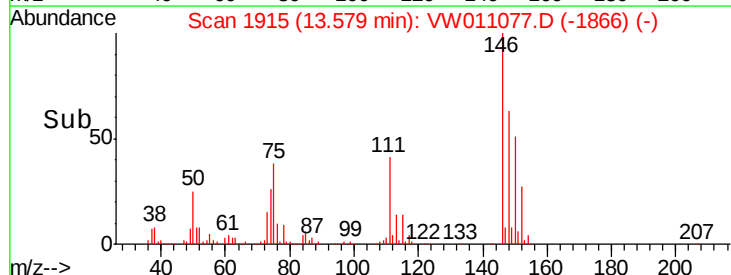
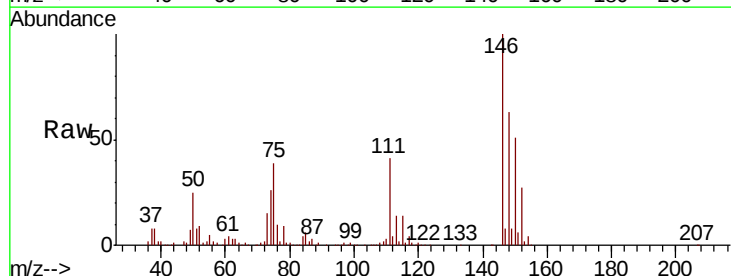
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

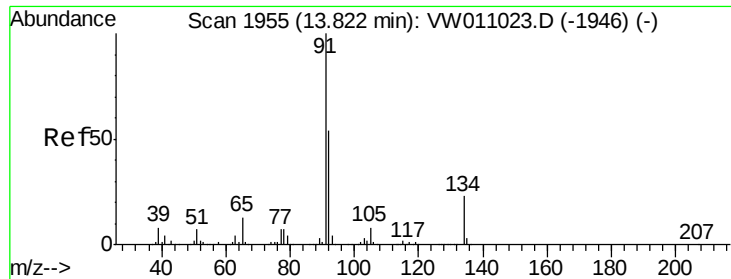
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.9	62.8
148	64.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 22.440 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.9
148	63.5	32.4	97.2





#89

n-Butylbenzene

Concen: 22.665 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011077.D

Acq: 01 Jul 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBSD01

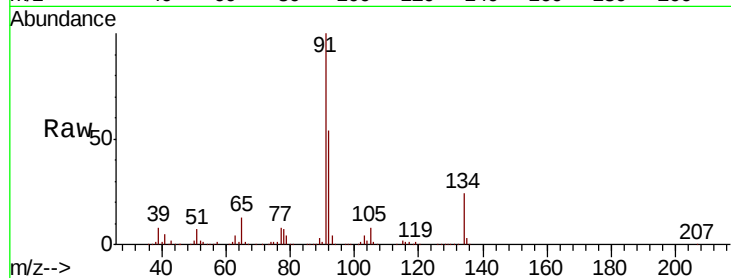
Tot Ion: 91 Resp: 241410

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

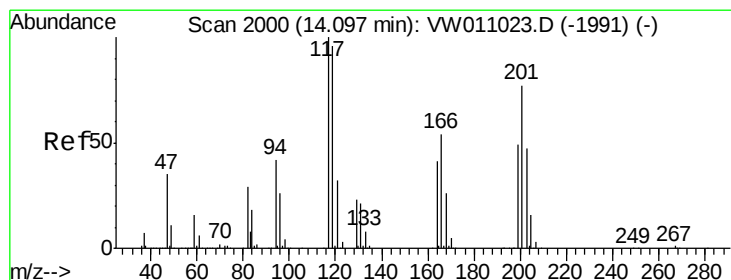
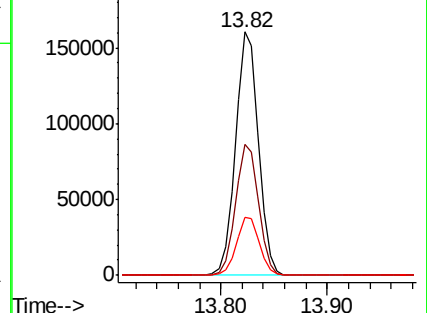
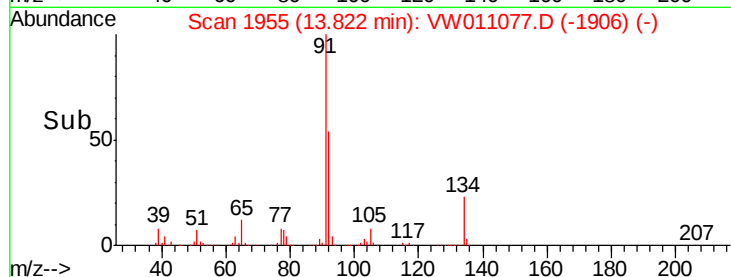
134 24.0 12.0 36.1



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: 22.600 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW011077.D

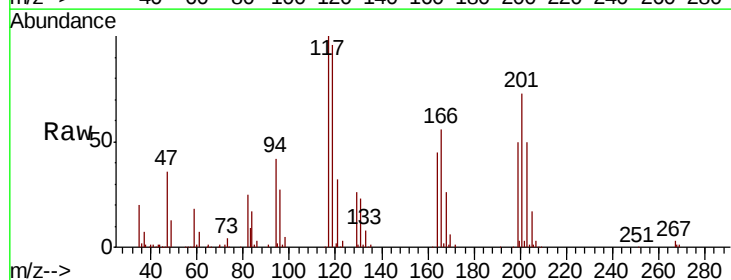
Acq: 01 Jul 2019 11:47

Tgt Ion: 117 Resp: 40522

Ion Ratio Lower Upper

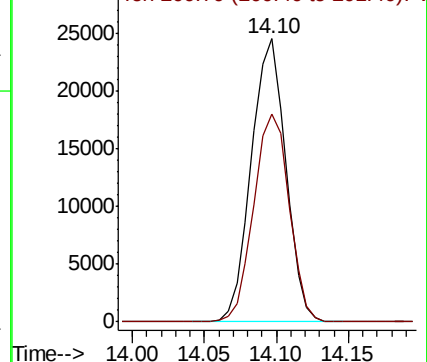
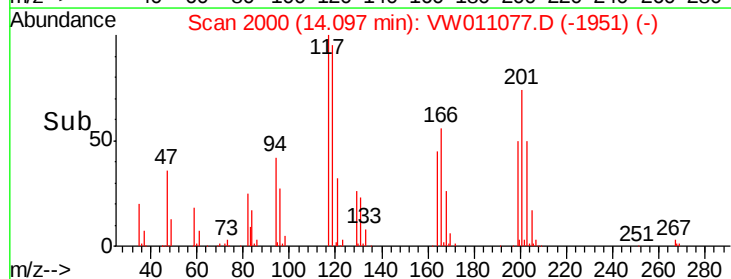
117 100

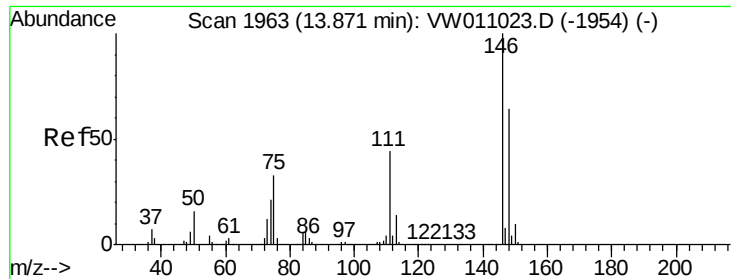
201 75.7 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

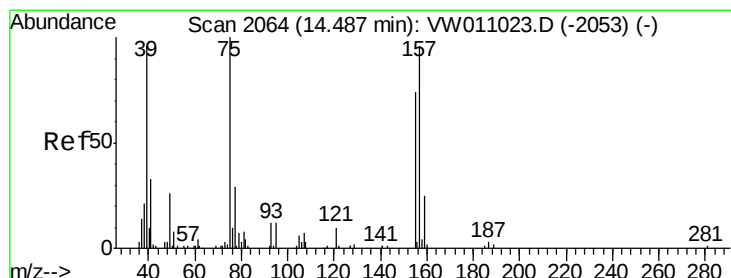
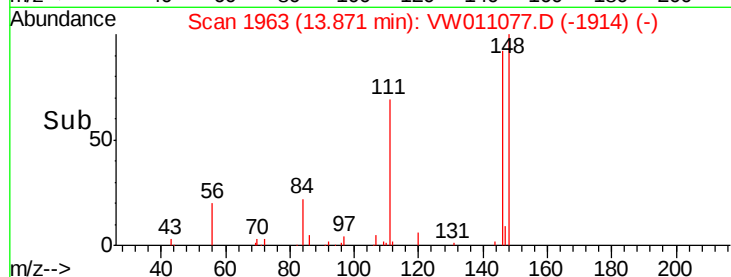
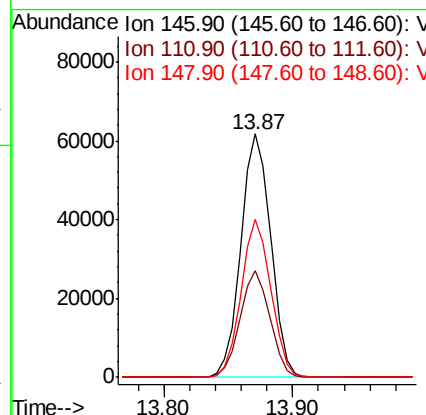
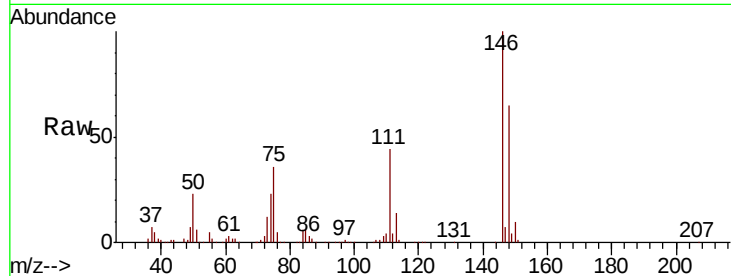




#91
 1,2-Dichlorobenzene
 Concen: 22.343 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

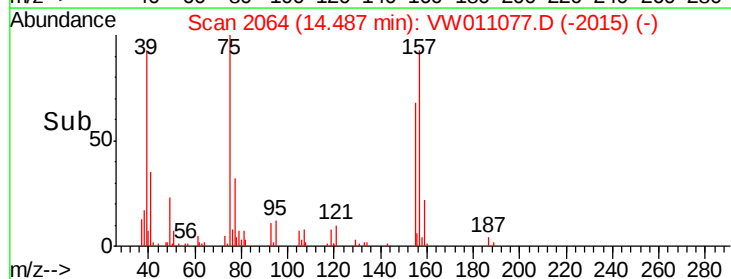
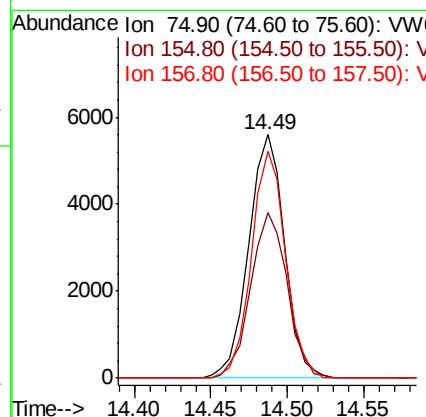
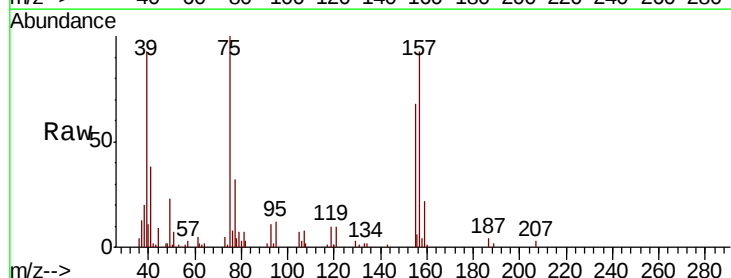
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

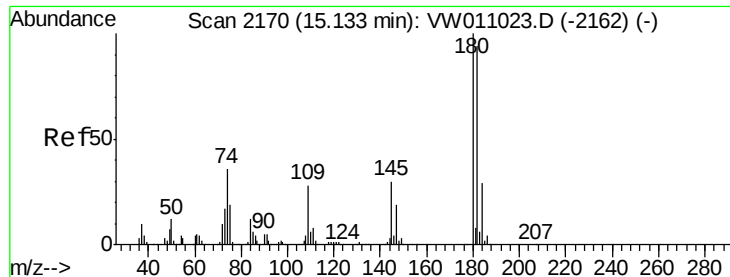
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.3
148	64.5	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.119 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.3	37.0	110.9
157	88.5	45.9	137.7

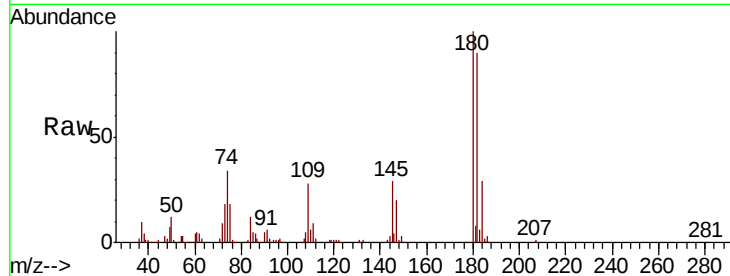




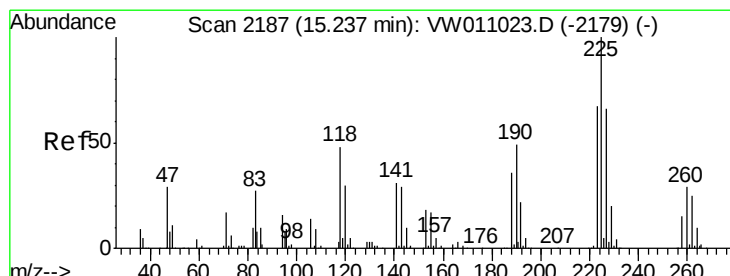
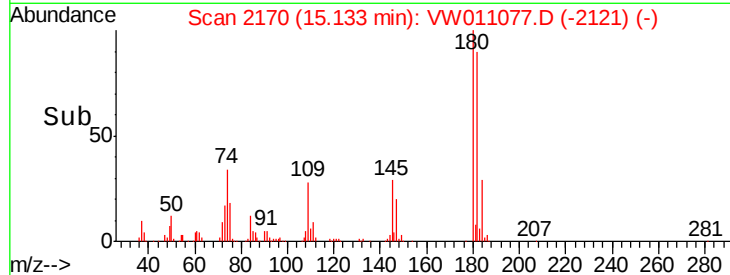
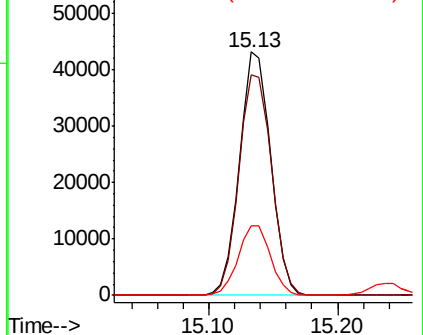
#93
 1,2,4-Trichlorobenzene
 Concen: 23.219 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

Tot Ion:180 Resp: 72353
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 29.5 15.3 45.8

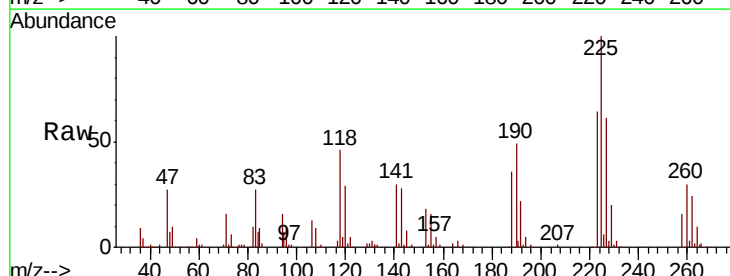


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

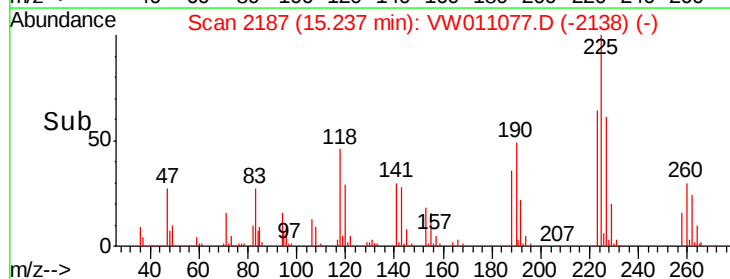
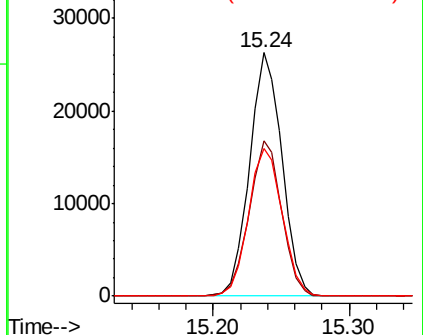


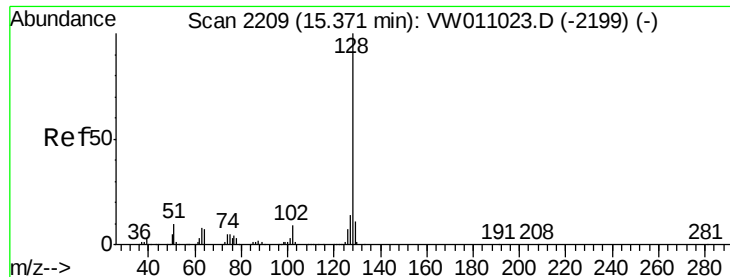
#94
 Hexachlorobutadiene
 Concen: 23.258 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011077.D
 Acq: 01 Jul 2019 11:47

Tgt Ion:225 Resp: 43958
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.9
 227 63.0 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

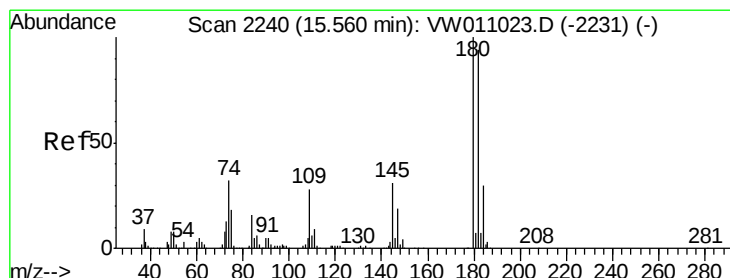
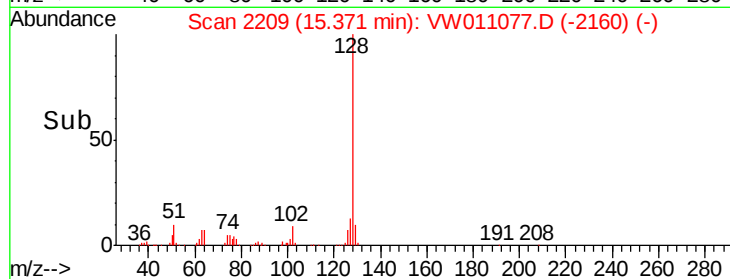
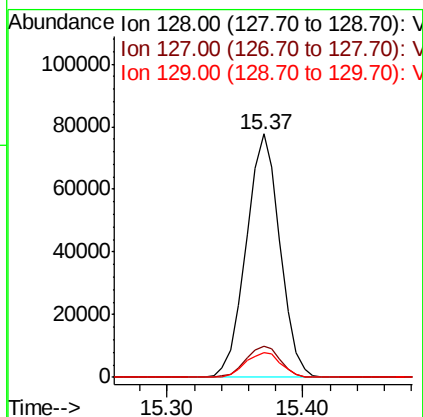
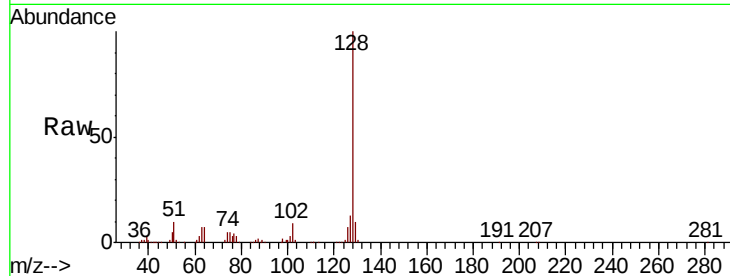




#95
Naphthalene
Concen: 23.023 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBSD01

Tot Ion:128 Resp: 134761
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 22.500 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011077.D
Acq: 01 Jul 2019 11:47

Tgt Ion:180 Resp: 62604
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.7
145 32.4 16.1 48.2

