

Data File : VW008605.D
Acq On : 11 Feb 2019 18:41
Operator : SY/VA
Sample : K1457-06MSD
Misc : 5.87G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Quant Time: Feb 12 04:31:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	416703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	670994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	631624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	344316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	265595	64.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.76%	
35) Dibromofluoromethane	7.88	113	230114	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
50) Toluene-d8	10.32	98	886995	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	363549	60.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	125775	52.086	ug/l	99
3) Chloromethane	2.21	50	201700	59.298	ug/l	99
4) Vinyl Chloride	2.37	62	273387	63.139	ug/l	100
5) Bromomethane	2.78	94	176787	63.300	ug/l	99
6) Chloroethane	2.93	64	176609	66.693	ug/l	97
7) Trichlorofluoromethane	3.25	101	191372	50.737	ug/l	94
8) Diethyl Ether	3.67	74	138018	66.416	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	210365	55.816	ug/l	98
10) Methyl Iodide	4.26	142	313771	52.708	ug/l	97
11) Tert butyl alcohol	5.17	59	118768	360.350	ug/l	99
12) 1,1-Dichloroethene	4.03	96	200583	52.589	ug/l	93
13) Acrolein	3.88	56	49277	170.805	ug/l	100
14) Allyl chloride	4.65	41	391353	54.034	ug/l	95
15) Acrylonitrile	5.36	53	311503	347.141	ug/l	100
16) Acetone	4.12	43	293426	319.183	ug/l	100
17) Carbon Disulfide	4.37	76	538459	44.202	ug/l	98
18) Methyl Acetate	4.67	43	285526	116.447	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	445502	70.595	ug/l	99
20) Methylene Chloride	4.90	84	236238	55.754	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	230071	53.654	ug/l	99
22) Diisopropyl ether	6.31	45	818069	59.597	ug/l	99
23) Vinyl Acetate	6.25	43	1097156	135.363	ug/l	100
24) 1,1-Dichloroethane	6.21	63	440329	56.671	ug/l	99
25) 2-Butanone	7.17	43	448494	351.237	ug/l	97
26) 2,2-Dichloropropane	7.16	77	288083	54.852	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	264341	56.564	ug/l	97
28) Bromochloromethane	7.51	49	212088	59.429	ug/l	96
29) Tetrahydrofuran	7.52	42	297200	367.290	ug/l	99
30) Chloroform	7.67	83	454838	59.515	ug/l	99
31) Cyclohexane	7.95	56	370627	46.131	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	377717	57.222	ug/l	99
36) 1,1-Dichloropropene	8.08	75	336294	53.058	ug/l	100
37) Ethyl Acetate	7.25	43	179350	63.957	ug/l	100
38) Carbon Tetrachloride	8.06	117	349895	54.858	ug/l	98

Data File : VW008605.D
Acq On : 11 Feb 2019 18:41
Operator : SY/VA
Sample : K1457-06MSD
Misc : 5.87G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Quant Time: Feb 12 04:31:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	380501	45.698	ug/l	97
40) Benzene	8.32	78	958350	54.489	ug/l	98
41) Methacrylonitrile	7.48	41	107179	64.549	ug/l	92
42) 1,2-Dichloroethane	8.40	62	321395	63.057	ug/l	98
43) Isopropyl Acetate	8.42	43	388482	66.682	ug/l	99
44) Trichloroethene	9.09	130	252423	52.778	ug/l	95
45) 1,2-Dichloropropane	9.37	63	247984	56.548	ug/l	100
46) Dibromomethane	9.46	93	138424	61.371	ug/l	98
47) Bromodichloromethane	9.64	83	343036	57.499	ug/l	100
48) Methyl methacrylate	9.43	41	203631	71.484	ug/l	94
49) 1,4-Dioxane	9.45	88	46133	1210.025	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1050605	365.026	ug/l	100
52) Toluene	10.38	92	662133	57.031	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	379451	59.773	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	406442	56.417	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	202401	64.694	ug/l	97
56) Ethyl methacrylate	10.65	69	252688	57.641	ug/l	96
57) 1,3-Dichloropropane	10.93	76	351773	62.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	752970	353.513	ug/l	100
59) 2-Hexanone	10.97	43	751254	369.735	ug/l	98
60) Dibromochloromethane	11.13	129	244260	60.754	ug/l	99
61) 1,2-Dibromoethane	11.23	107	195215	62.930	ug/l	98
64) Tetrachloroethene	10.86	164	237399	55.513	ug/l	98
65) Chlorobenzene	11.66	112	713100	55.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	270254	58.584	ug/l	98
67) Ethyl Benzene	11.73	91	1310063	55.275	ug/l	99
68) m/p-Xylenes	11.84	106	1009535	109.783	ug/l	98
69) o-Xylene	12.16	106	478799	54.799	ug/l	95
70) Styrene	12.18	104	813041	56.335	ug/l	98
71) Bromoform	12.35	173	162048	62.434	ug/l	99
73) Isopropylbenzene	12.46	105	1368131	53.298	ug/l	99
74) N-amyl acetate	12.27	43	336902	50.946	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	267323	65.779	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	366513	122.433	ug/l #	1
77) Bromobenzene	12.75	156	301105	53.711	ug/l	95
78) n-propylbenzene	12.80	91	1612945	52.316	ug/l	100
79) 2-Chlorotoluene	12.90	91	932099	53.576	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1150322	53.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	90288	59.569	ug/l	90
82) 4-Chlorotoluene	12.99	91	1006494	54.338	ug/l	100
83) tert-Butylbenzene	13.21	119	991914	51.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1180176	54.117	ug/l	99
85) sec-Butylbenzene	13.38	105	1410709	51.737	ug/l	100
86) p-Isopropyltoluene	13.50	119	1234404	51.682	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	613759	54.211	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	609686	54.187	ug/l	100
89) n-Butylbenzene	13.83	91	1136812	48.476	ug/l	99
90) Hexachloroethane	14.10	117	234272	50.156	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	555153	55.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	49482	64.171	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021119\
Quantitation Report (Not Reviewed)

Data File : VW008605.D
Acq On : 11 Feb 2019 18:41
Operator : SY/VA
Sample : K1457-06MSD
Misc : 5.87G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Quant Time: Feb 12 04:31:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	315525	44.137	ug/l	100
94) Hexachlorobutadiene	15.24	225	158167	36.712	ug/l	100
95) Naphthalene	15.37	128	691508	55.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	262908	43.355	ug/l	98

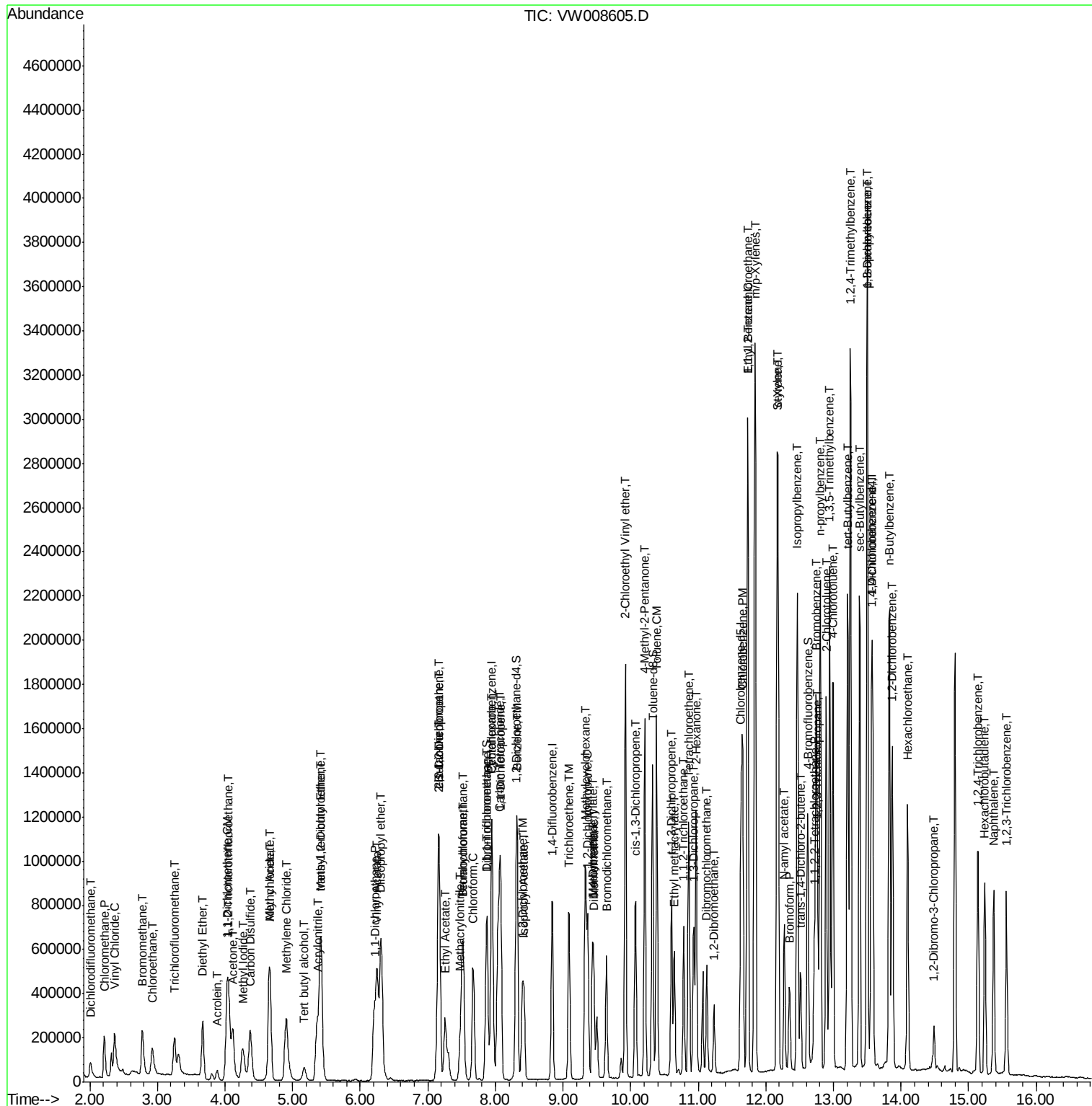
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008605.D

```
Acq On       : 11 Feb 2019  18:41
Operator     : SY/VA
Sample       : K1457-06MSD
Misc        : 5.87G/5ML/MSVOA_W/
ALS Vial     : 18      Sample Multip
```

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Quant Time: Feb 12 04:31:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

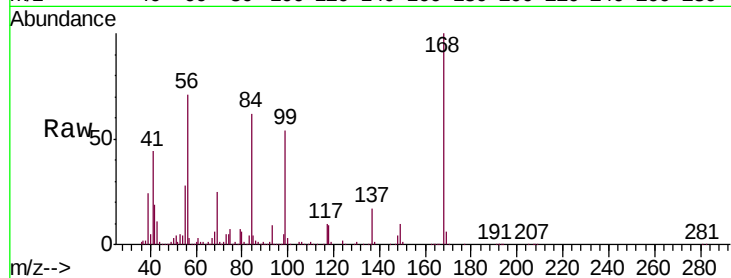
SB-10(0-5)MSD

Tgt Ion: 168 Resp: 416703

Ion Ratio Lower Upper

168 100

99 53.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

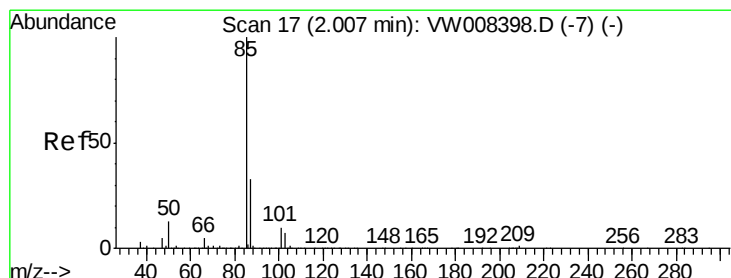
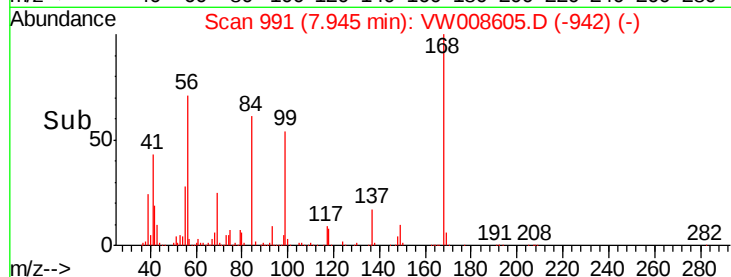
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 52.086 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008605.D

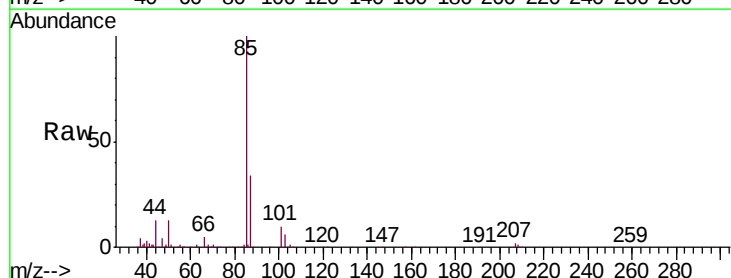
Acq: 11 Feb 2019 18:41

Tgt Ion: 85 Resp: 125775

Ion Ratio Lower Upper

85 100

87 34.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

30000

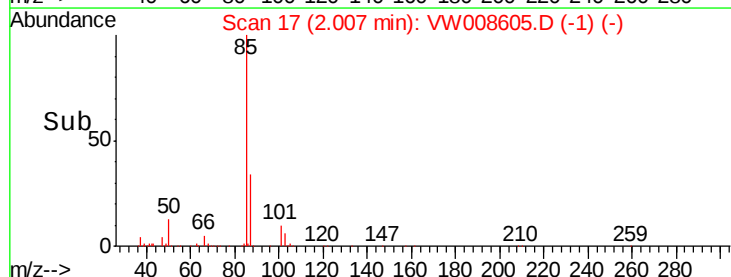
20000

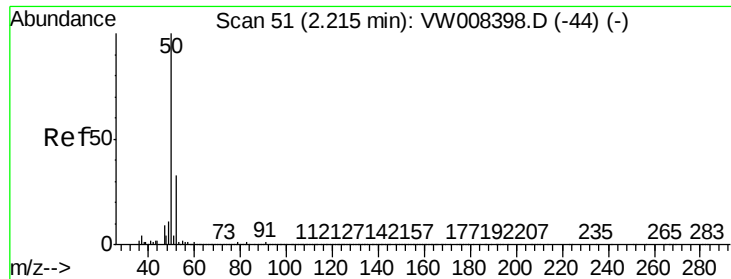
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 59.298 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

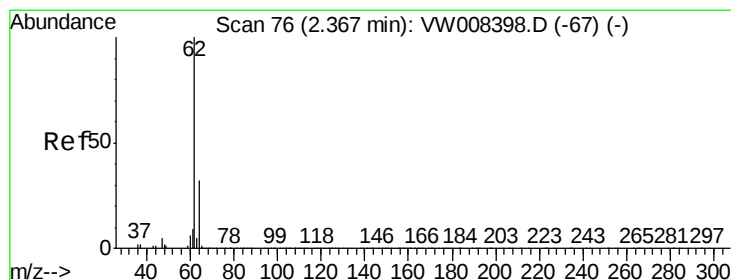
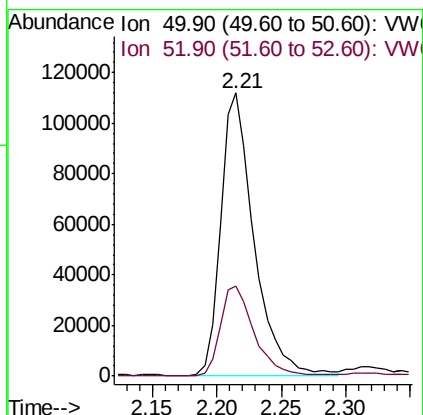
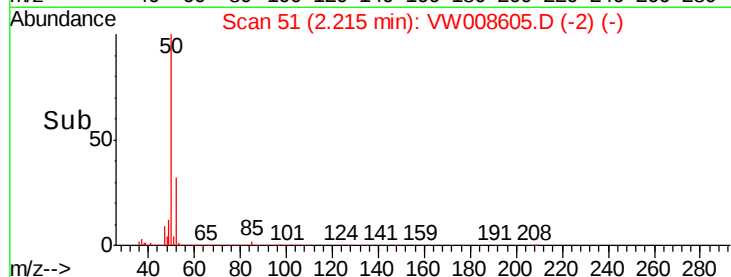
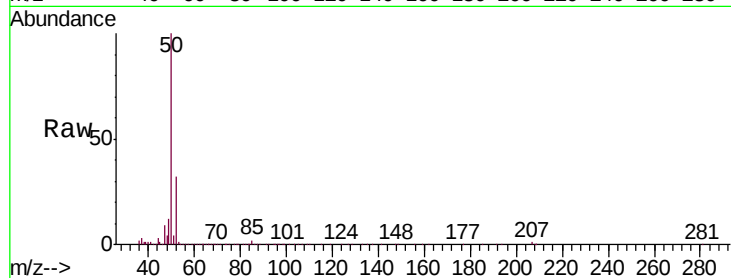
SB-10(0-5)MSD

Tgt Ion: 50 Resp: 201700

Ion Ratio Lower Upper

50 100

52 32.1 26.3 39.5



#4

Vinyl Chloride

Concen: 63.139 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008605.D

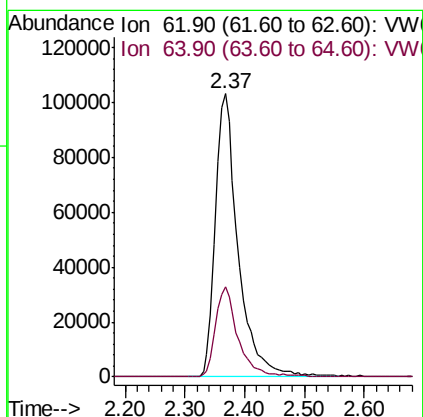
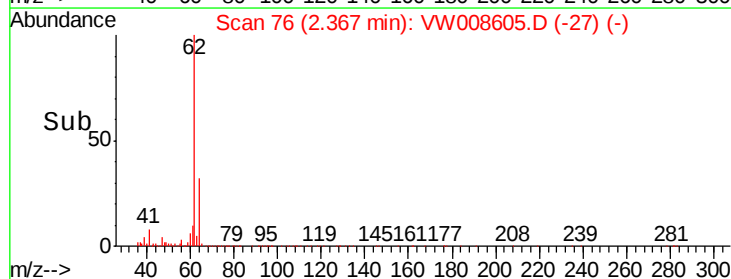
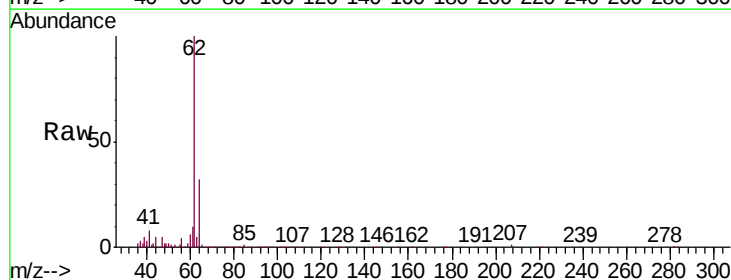
Acq: 11 Feb 2019 18:41

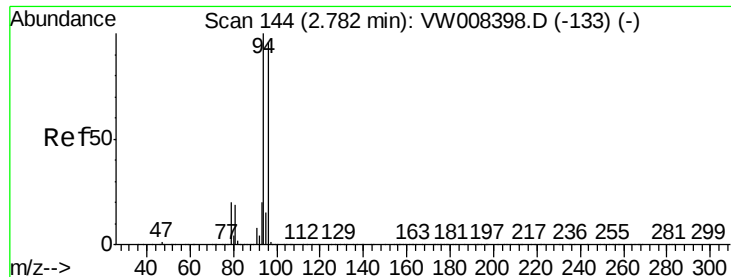
Tgt Ion: 62 Resp: 273387

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 63.300 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

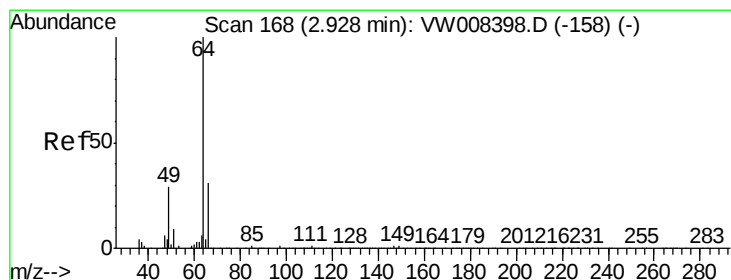
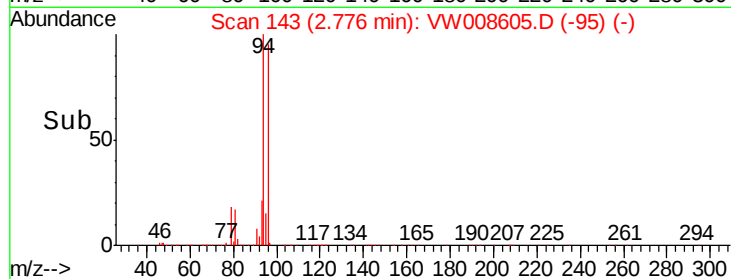
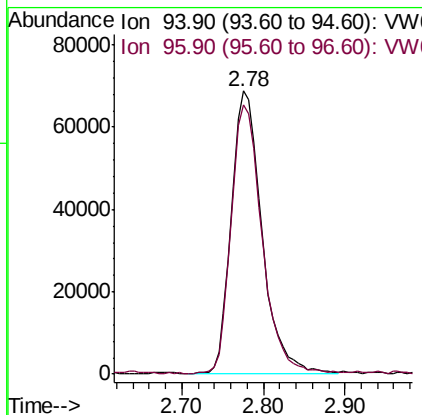
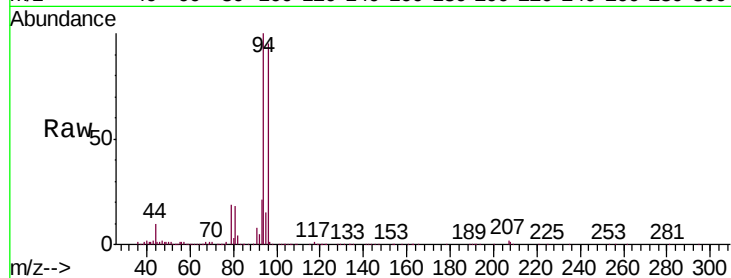
SB-10(0-5)MSD

Tgt Ion: 94 Resp: 176787

Ion Ratio Lower Upper

94 100

96 95.2 77.2 115.8



#6

Chloroethane

Concen: 66.693 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008605.D

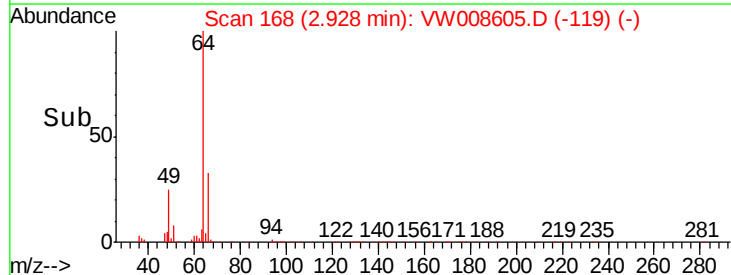
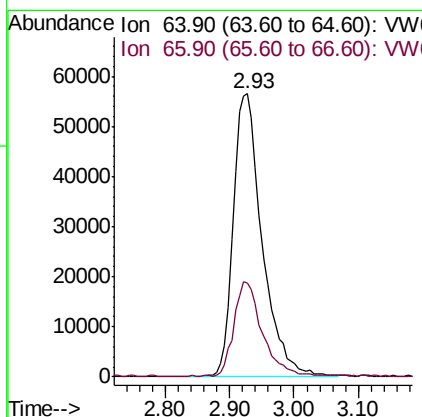
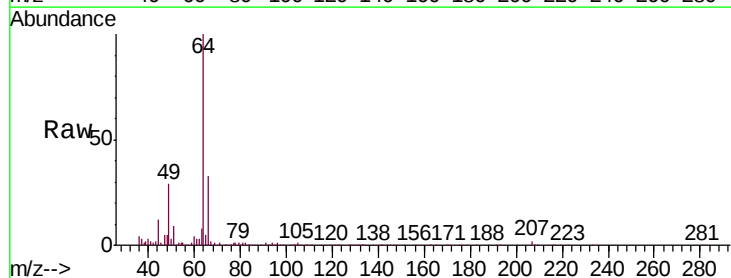
Acq: 11 Feb 2019 18:41

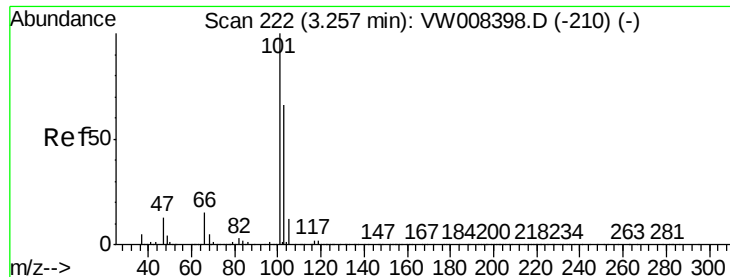
Tgt Ion: 64 Resp: 176609

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3



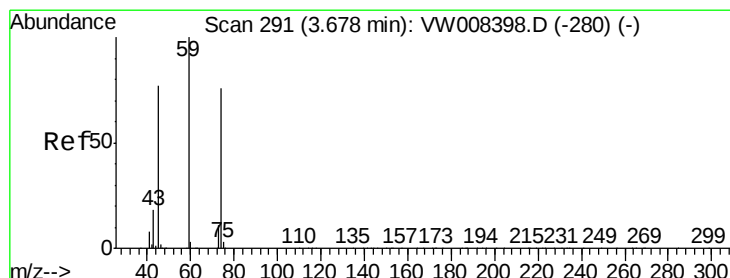
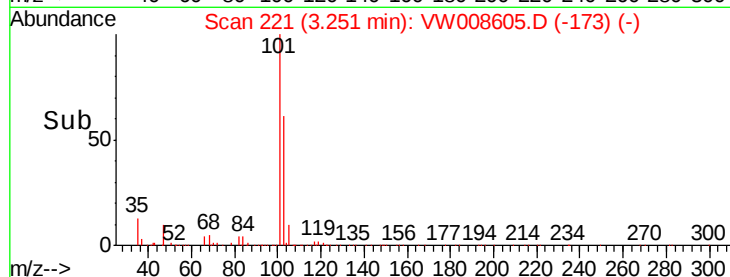
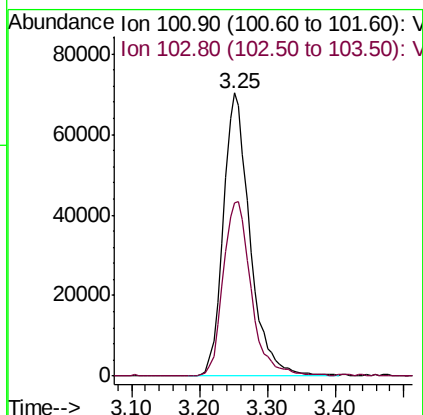
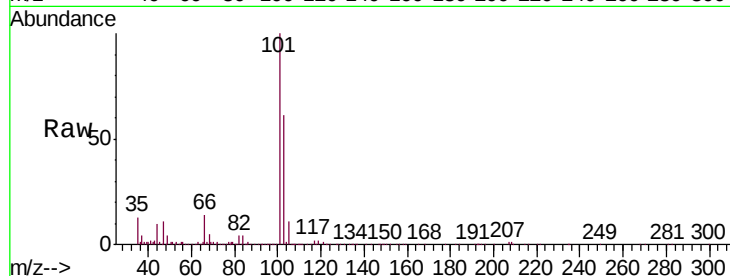


#7

Trichlorofluoromethane
 Concen: 50.737 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

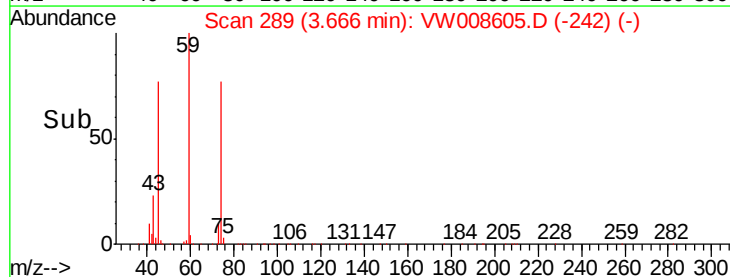
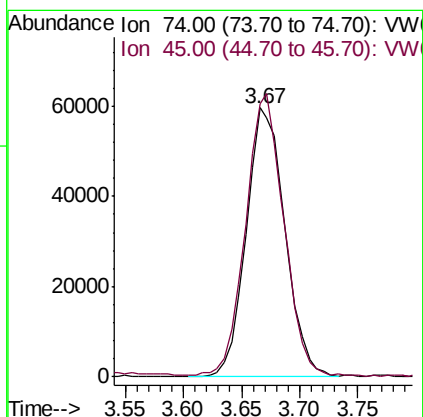
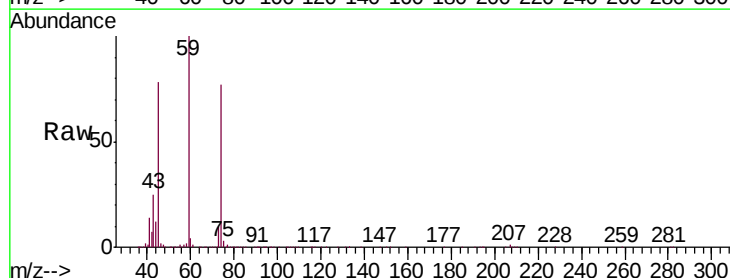
Tgt Ion:101 Resp: 191372
 Ion Ratio Lower Upper
 101 100
 103 61.0 52.5 78.7



#8

Diethyl Ether
 Concen: 66.416 ug/l
 RT: 3.67 min Scan# 289
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion: 74 Resp: 138018
 Ion Ratio Lower Upper
 74 100
 45 103.0 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.816 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

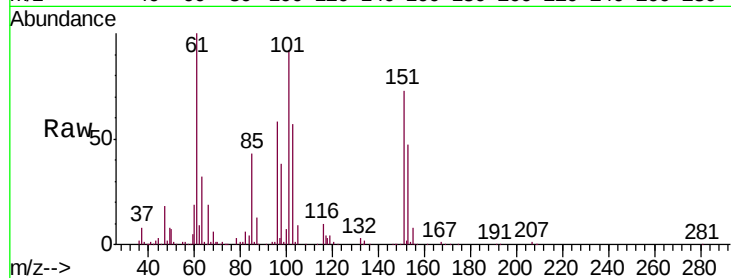
Tgt Ion:101 Resp: 210365

Ion Ratio Lower Upper

101 100

85 45.9 35.0 52.4

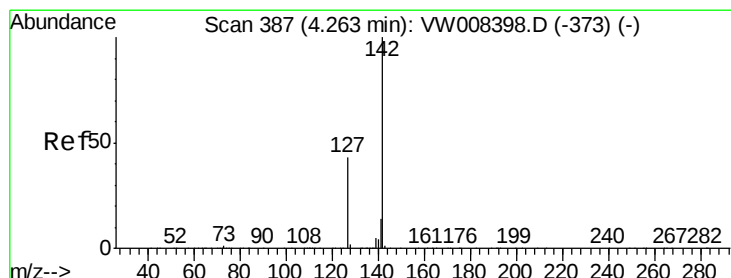
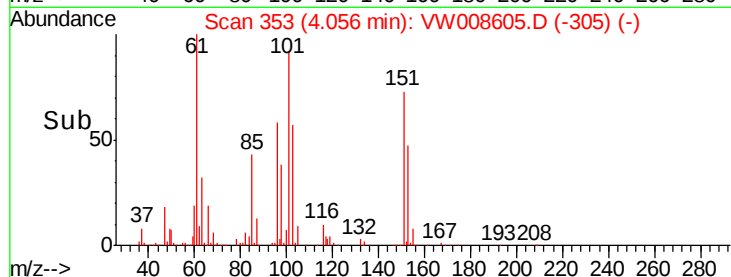
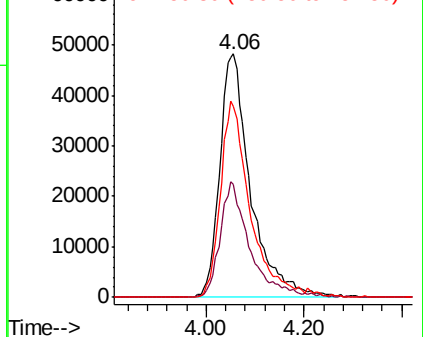
151 77.0 62.6 94.0



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: 52.708 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

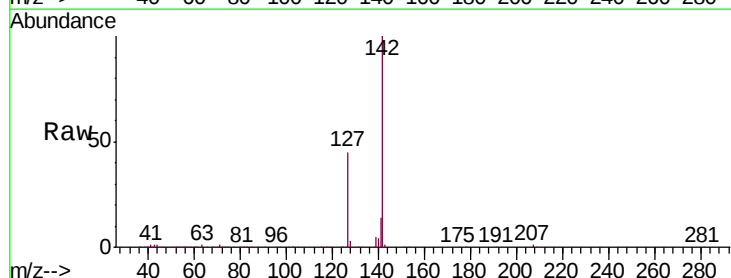
Tgt Ion:142 Resp: 313771

Ion Ratio Lower Upper

142 100

127 45.7 34.6 52.0

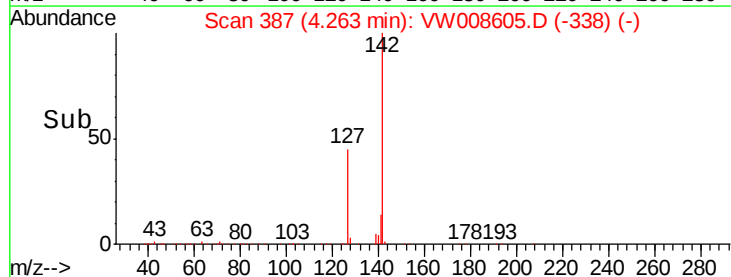
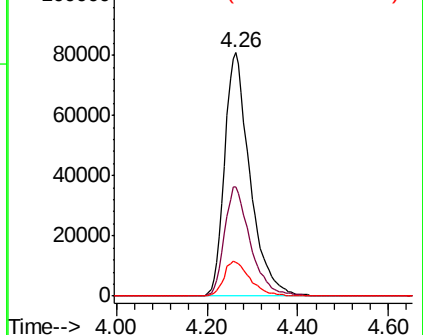
141 14.7 11.4 17.2

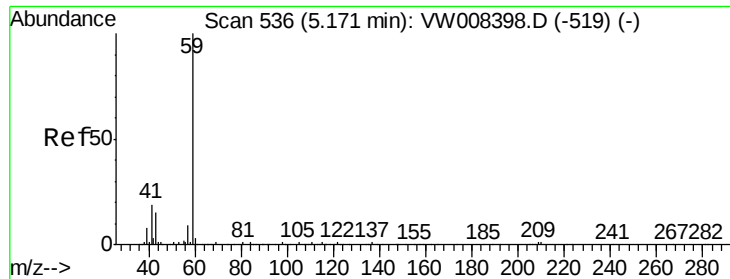


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

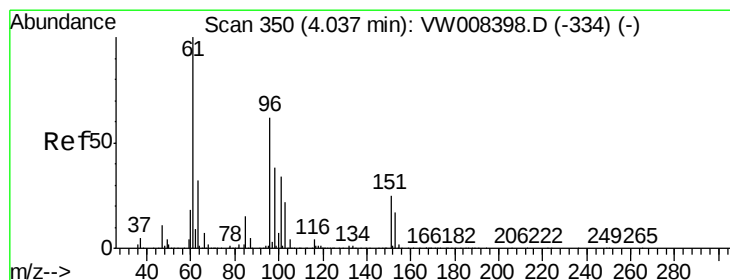
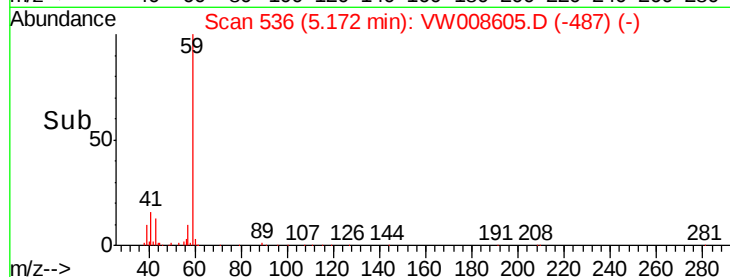
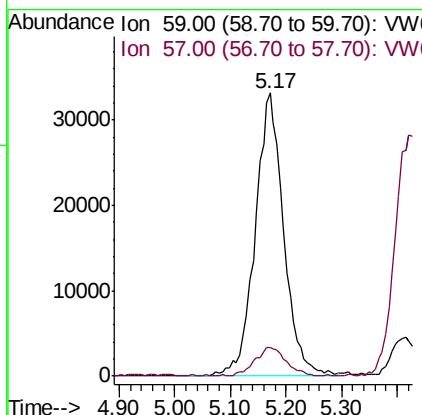
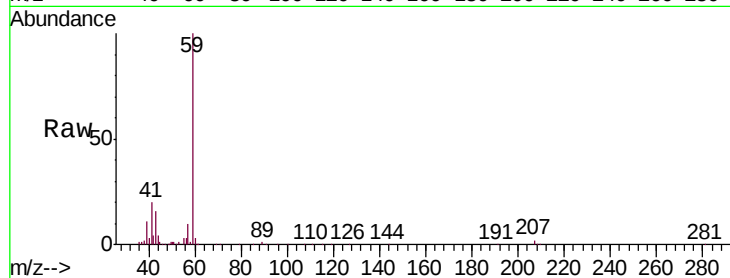




#11
Tert butyl alcohol
Concen: 360.350 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

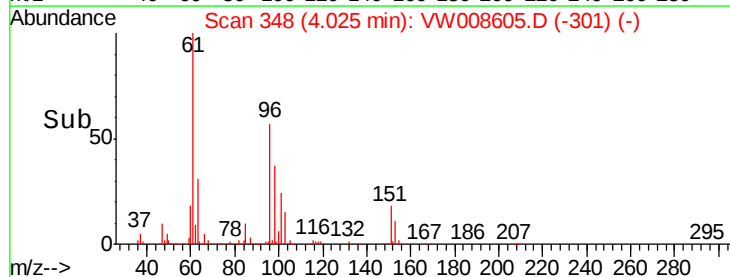
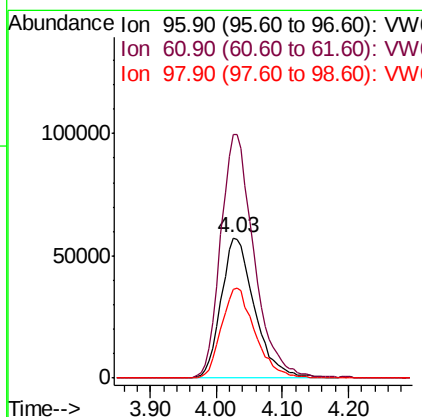
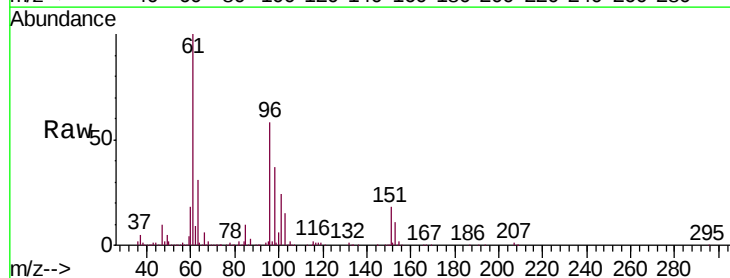
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

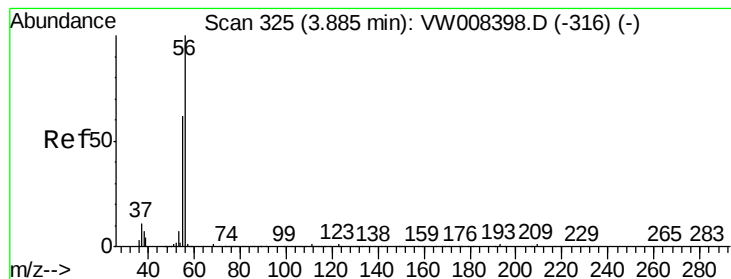
Tgt Ion: 59 Resp: 118768
Ion Ratio Lower Upper
59 100
57 11.2 9.3 13.9



#12
1,1-Dichloroethene
Concen: 52.589 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion: 96 Resp: 200583
Ion Ratio Lower Upper
96 100
61 173.7 129.5 194.3
98 63.6 48.6 73.0





#13

Acrolein

Concen: 170.805 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

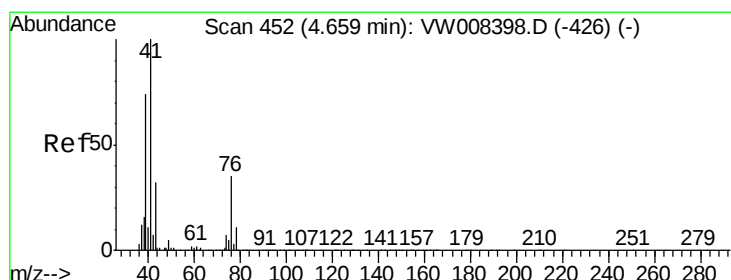
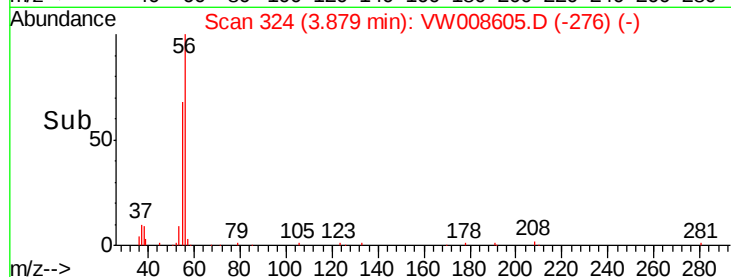
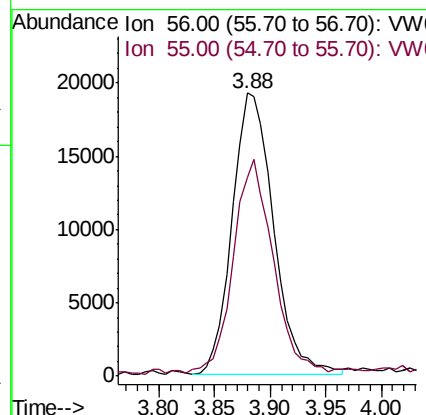
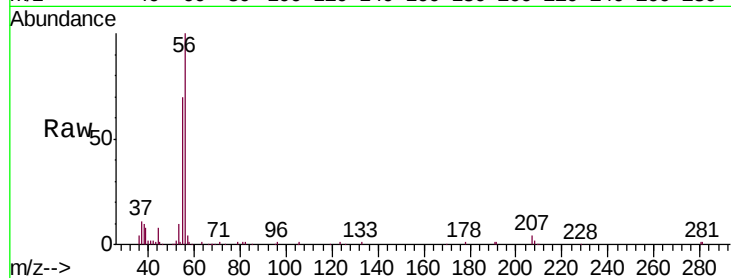
SB-10(0-5)MSD

Tgt Ion: 56 Resp: 49277

Ion Ratio Lower Upper

56 100

55 71.0 56.7 85.1



#14

Allyl chloride

Concen: 54.034 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

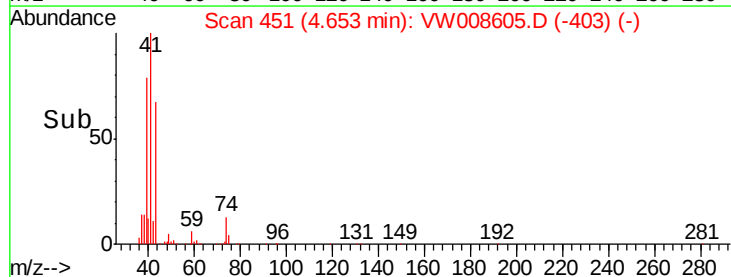
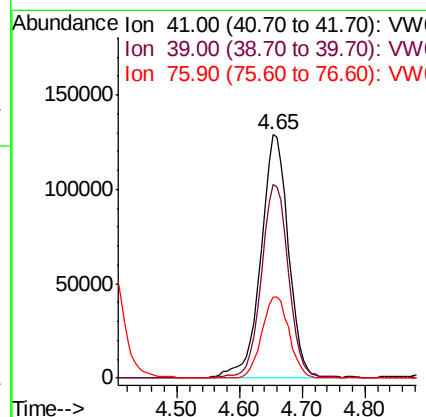
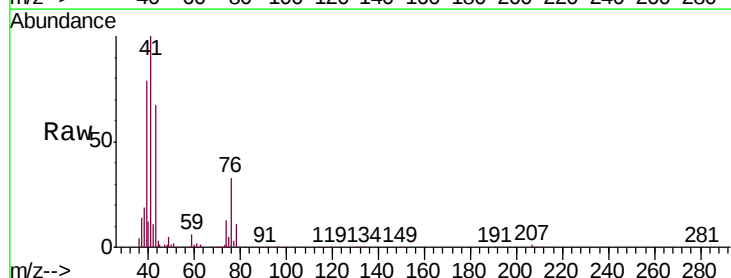
Tgt Ion: 41 Resp: 391353

Ion Ratio Lower Upper

41 100

39 77.9 57.7 86.5

76 32.9 26.9 40.3





#15

Acrylonitrile

Concen: 347.141 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

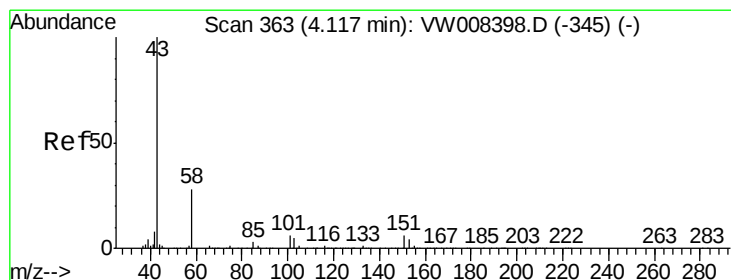
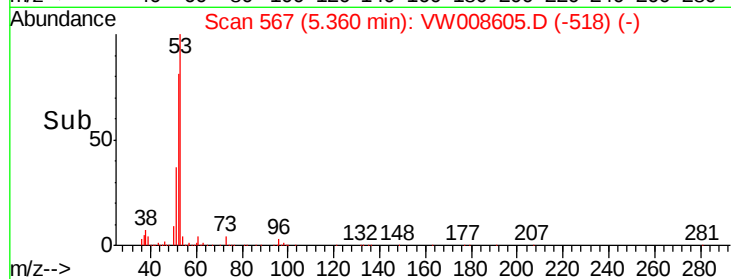
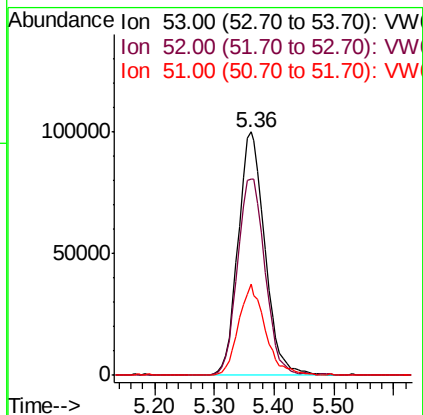
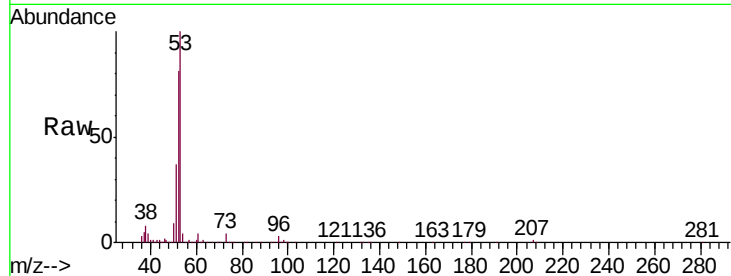
Tgt Ion: 53 Resp: 311503

Ion Ratio Lower Upper

53 100

52 83.6 67.0 100.4

51 37.3 29.8 44.8



#16

Acetone

Concen: 319.183 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008605.D

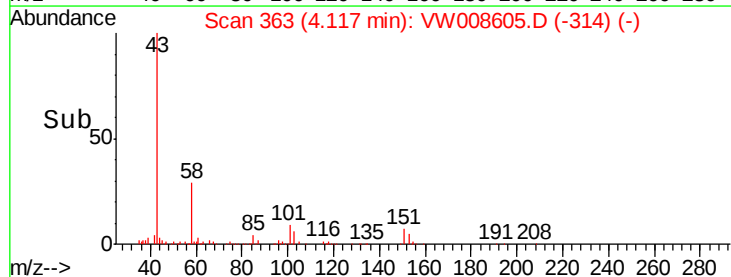
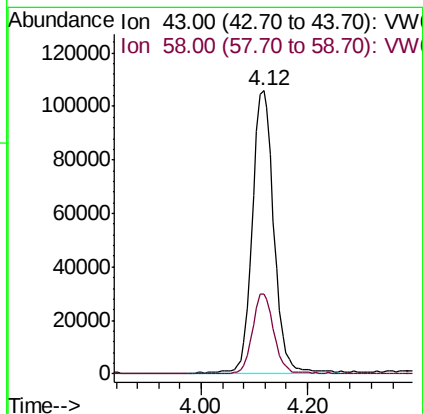
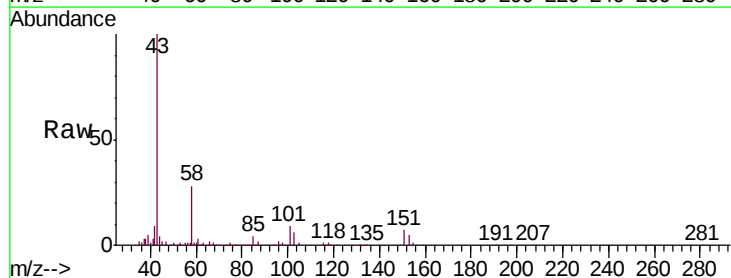
Acq: 11 Feb 2019 18:41

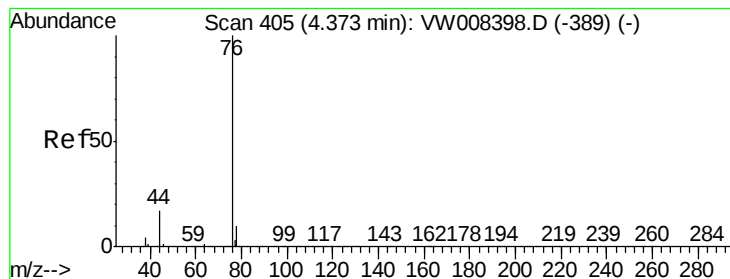
Tgt Ion: 43 Resp: 293426

Ion Ratio Lower Upper

43 100

58 28.3 22.6 34.0





#17

Carbon Disulfide

Concen: 44.202 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

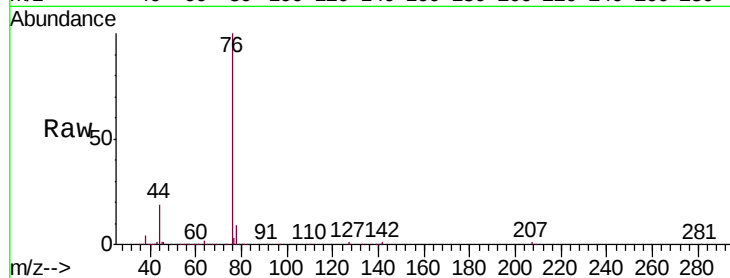
SB-10(0-5)MSD

Tgt Ion: 76 Resp: 538459

Ion Ratio Lower Upper

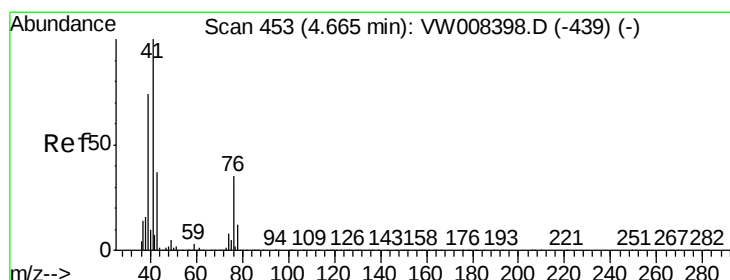
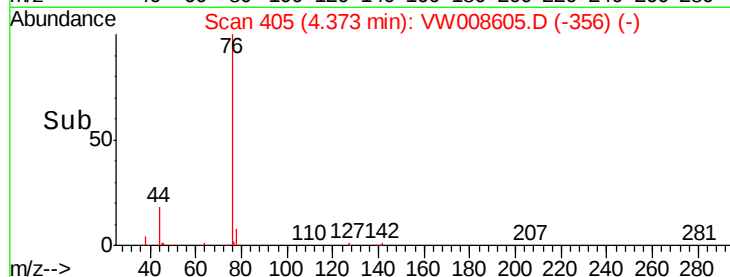
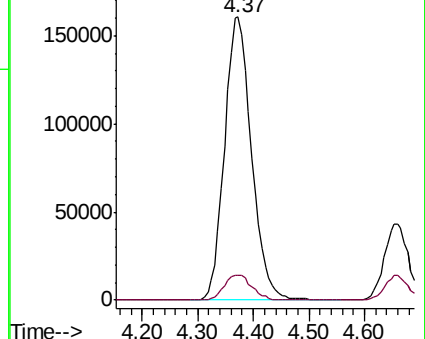
76 100

78 8.9 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 116.447 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008605.D

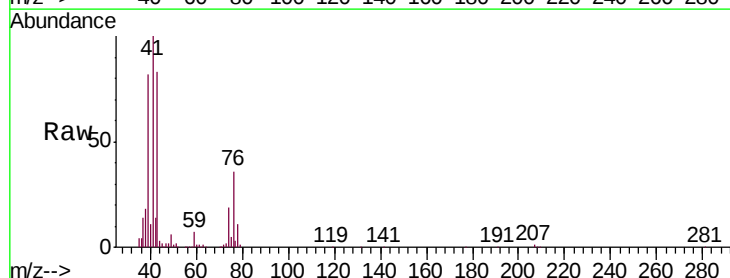
Acq: 11 Feb 2019 18:41

Tgt Ion: 43 Resp: 285526

Ion Ratio Lower Upper

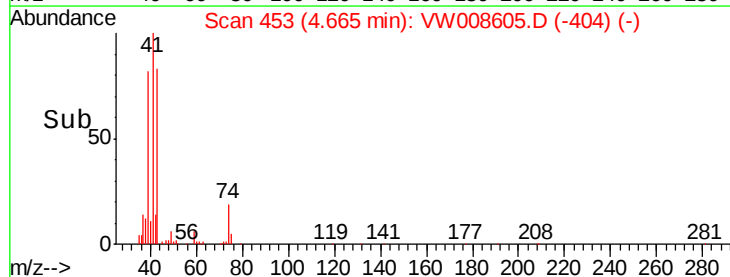
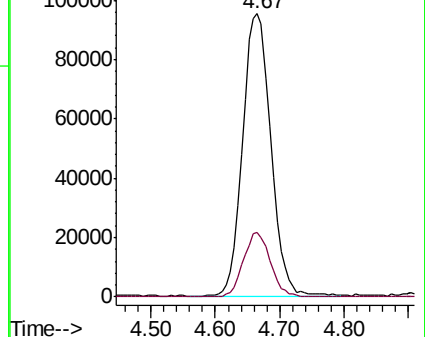
43 100

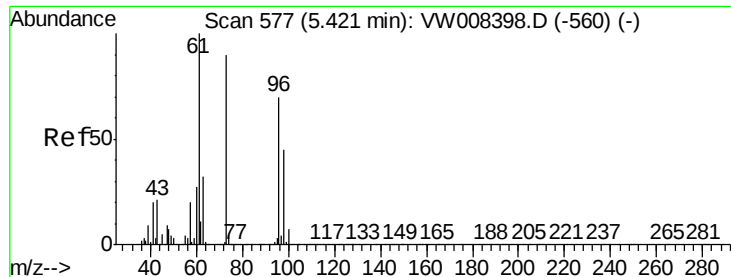
74 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



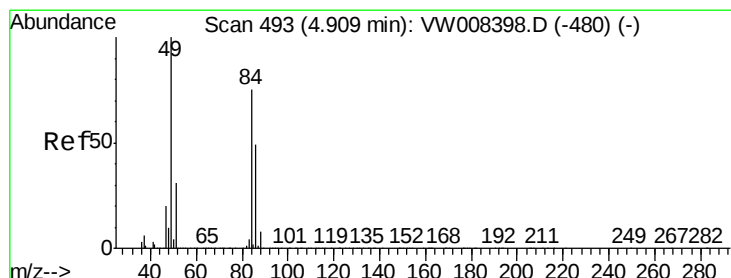
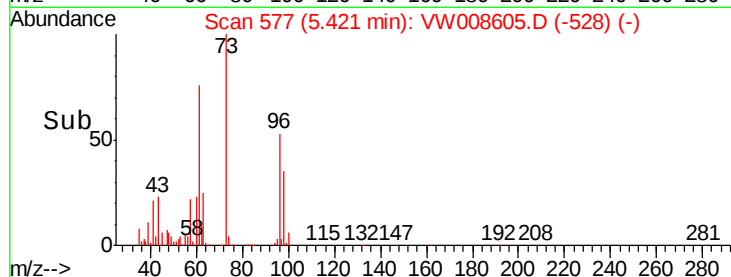
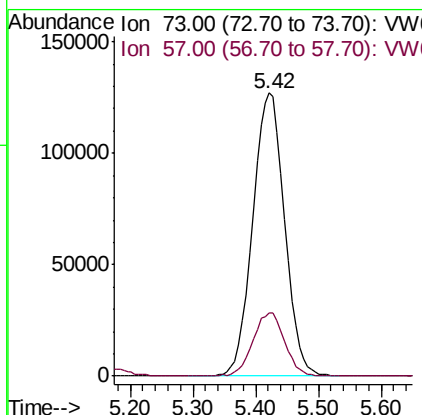
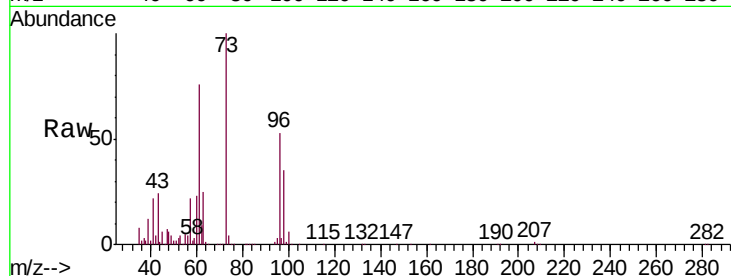


#19

Methyl tert-butyl Ether
 Concen: 70.595 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

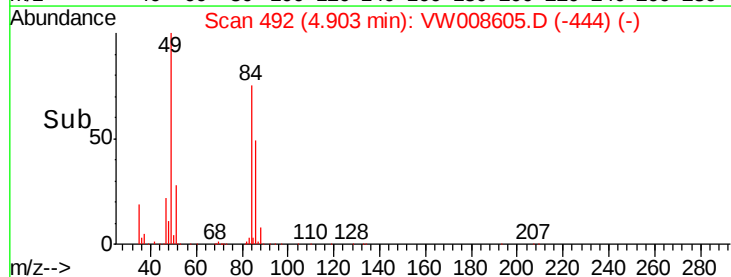
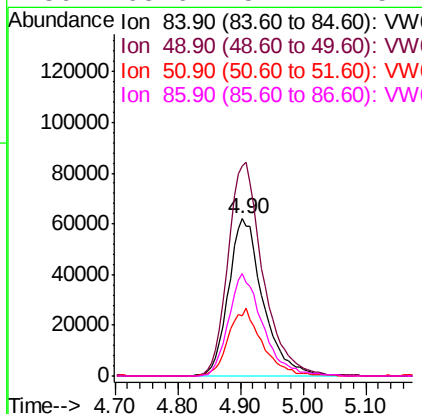
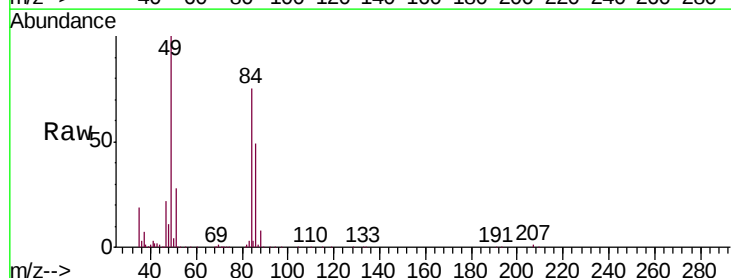
Tgt Ion: 73 Resp: 445502
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.0 27.0

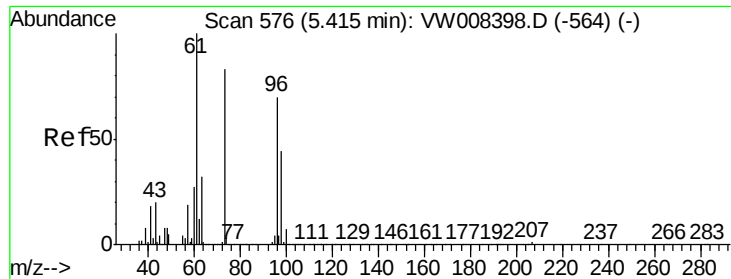


#20

Methylene Chloride
 Concen: 55.754 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion: 84 Resp: 236238
 Ion Ratio Lower Upper
 84 100
 49 133.7 106.8 160.2
 51 38.0 32.9 49.3
 86 65.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 53.654 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

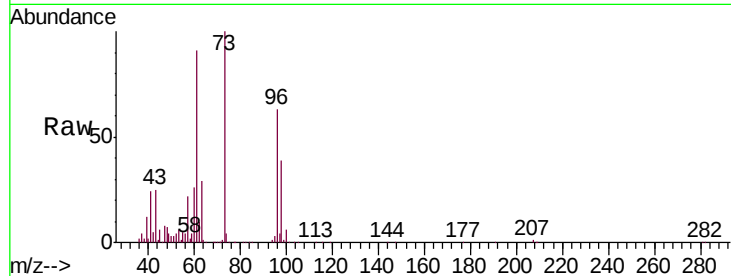
Tgt Ion: 96 Resp: 230071

Ion Ratio Lower Upper

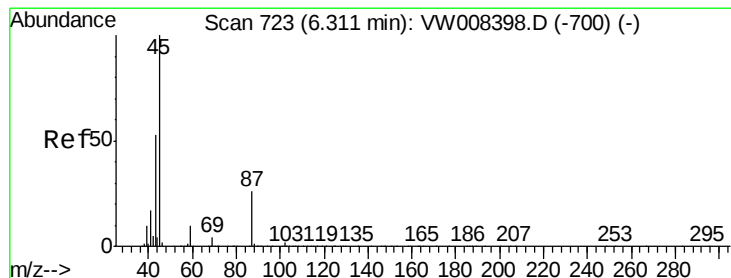
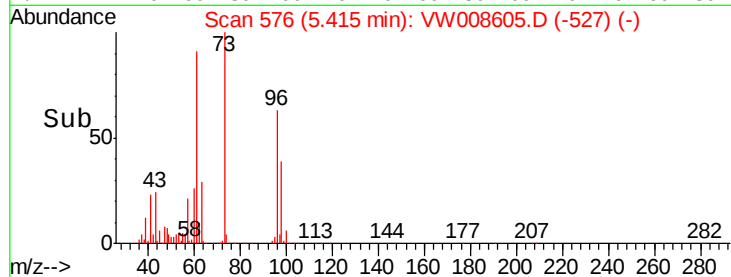
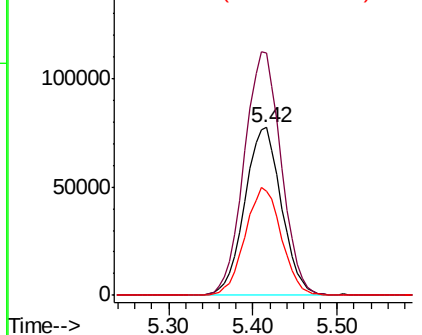
96 100

61 144.6 114.4 171.6

98 62.1 50.6 75.8



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: 59.597 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion: 45 Resp: 818069

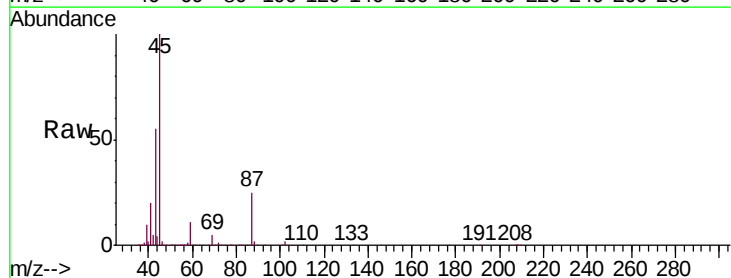
Ion Ratio Lower Upper

45 100

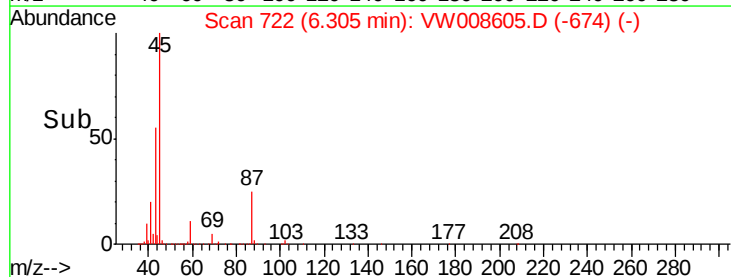
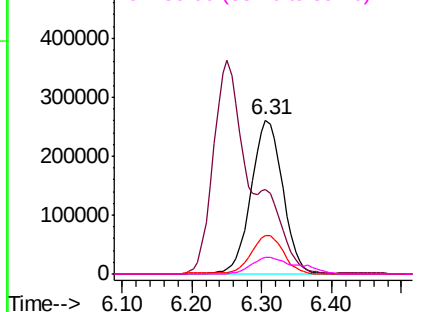
43 54.5 42.6 63.8

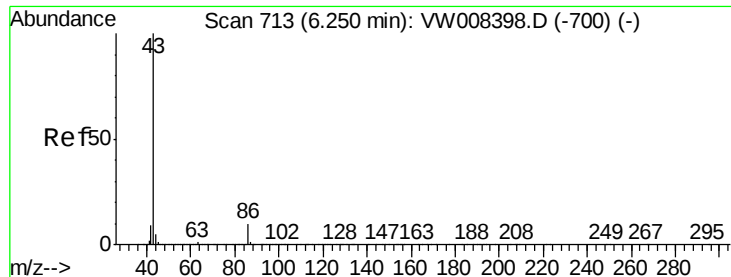
87 25.3 20.3 30.5

59 10.7 8.4 12.6



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: 135.363 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

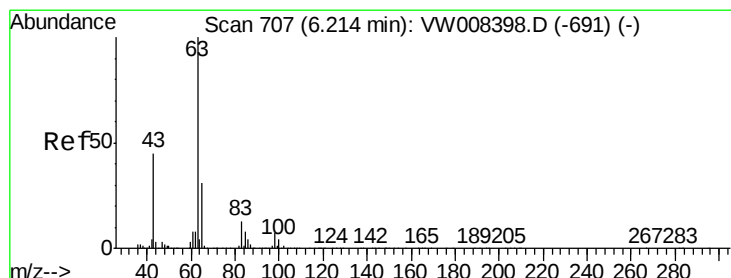
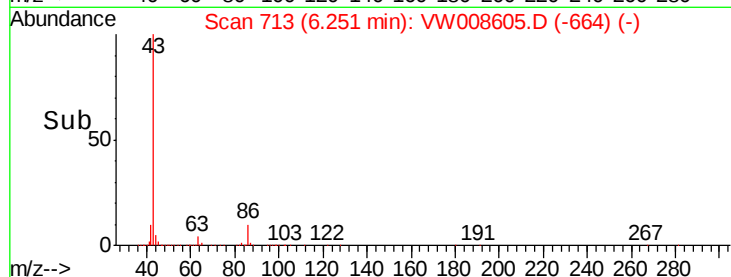
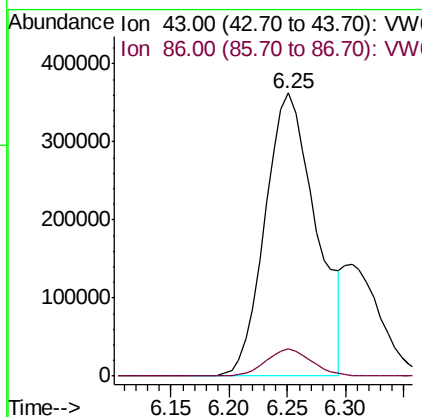
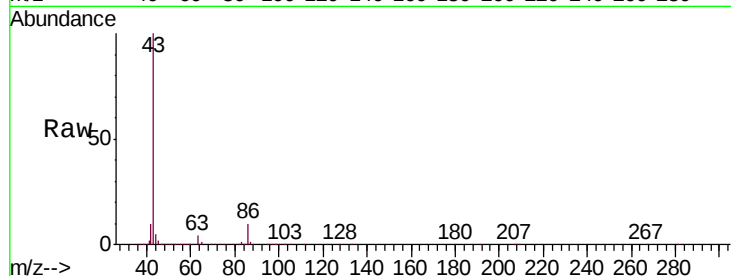
SB-10(0-5)MSD

Tgt Ion: 43 Resp: 1097156

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 56.671 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

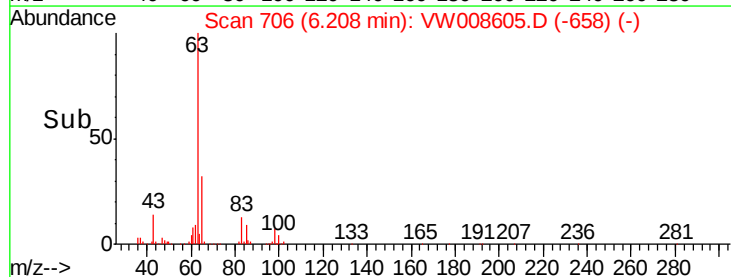
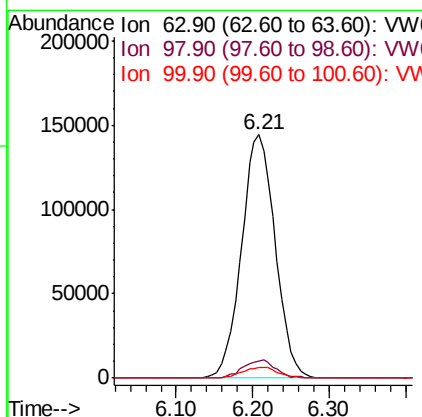
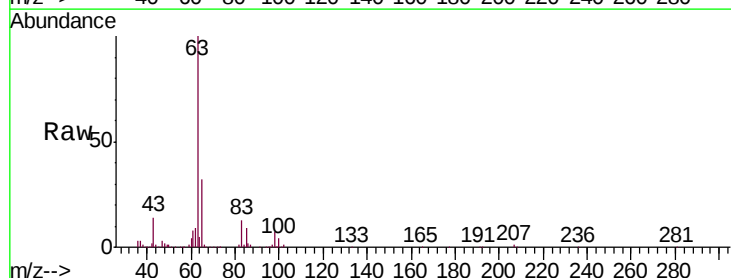
Tgt Ion: 63 Resp: 440329

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 351.237 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

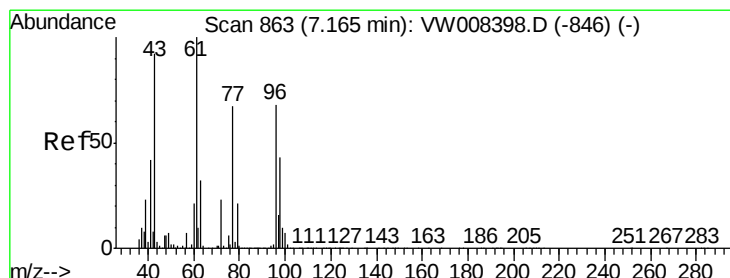
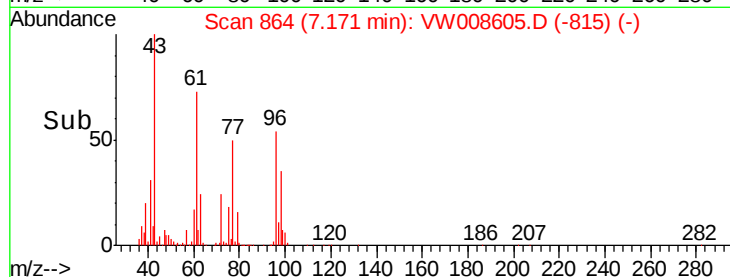
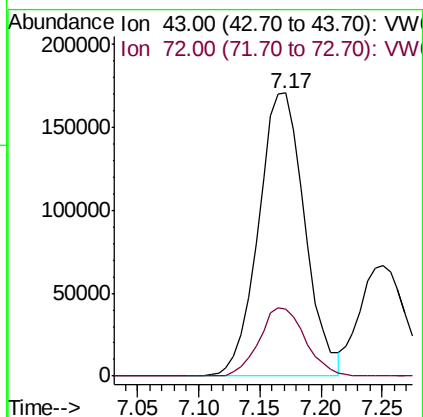
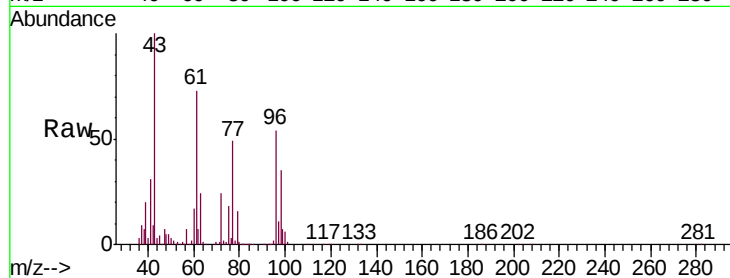
SB-10(0-5)MSD

Tgt Ion: 43 Resp: 448494

Ion Ratio Lower Upper

43 100

72 23.5 20.1 30.1



#26

2,2-Dichloropropane

Concen: 54.852 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008605.D

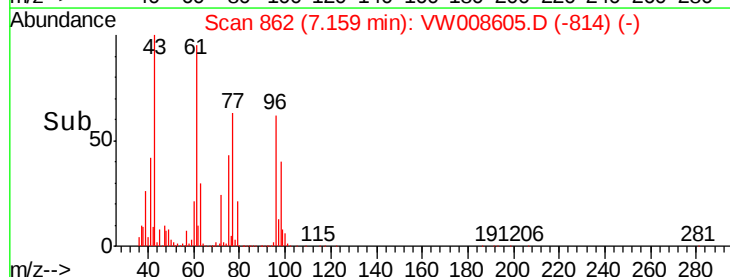
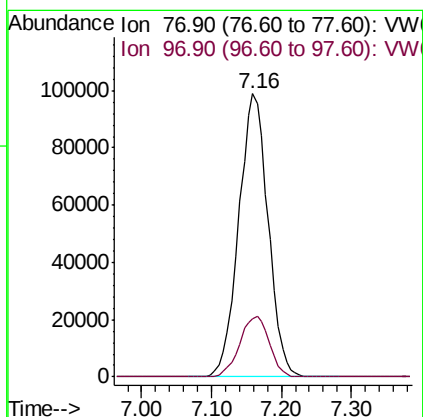
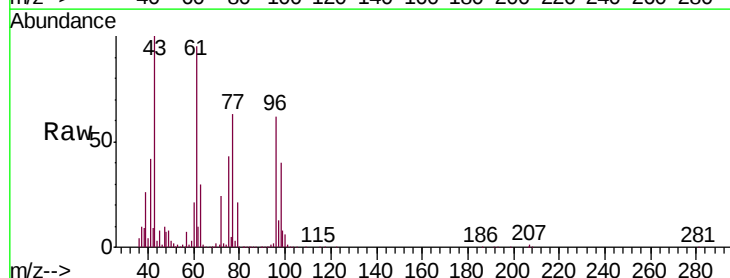
Acq: 11 Feb 2019 18:41

Tgt Ion: 77 Resp: 288083

Ion Ratio Lower Upper

77 100

97 21.8 11.5 34.5



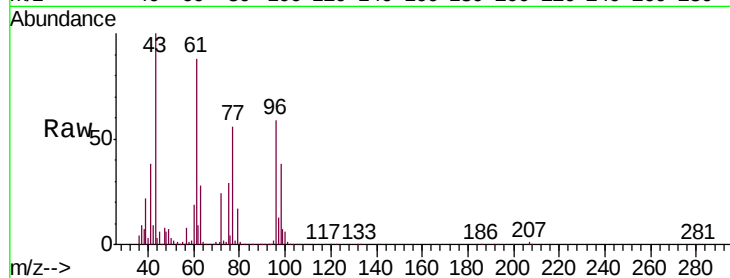


#27

cis-1,2-Dichloroethene
Concen: 56.564 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	292.8
98	64.7	0.0	129.2

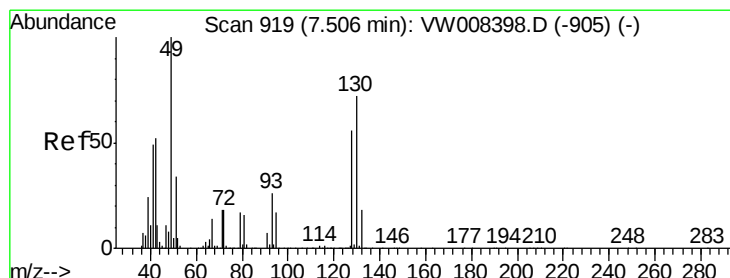
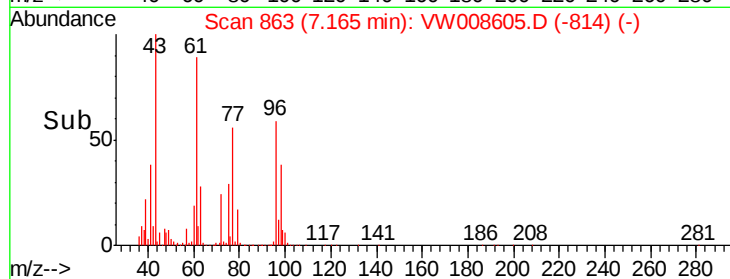
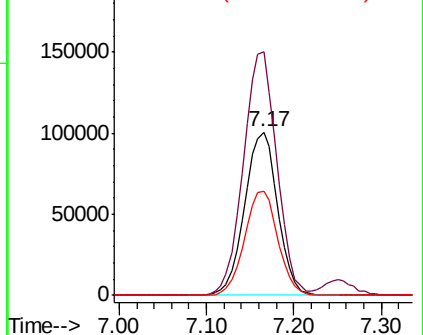


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

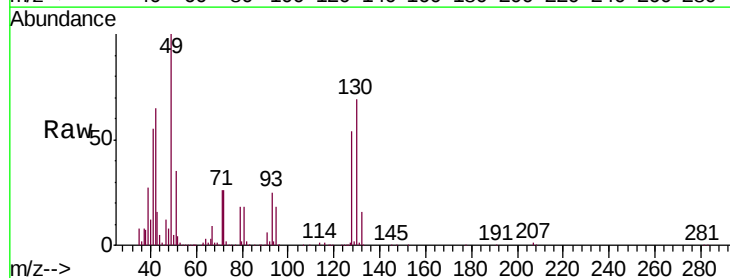
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 59.429 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	69.5	58.6	87.8

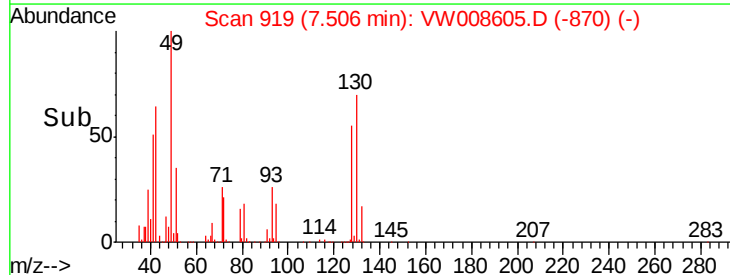
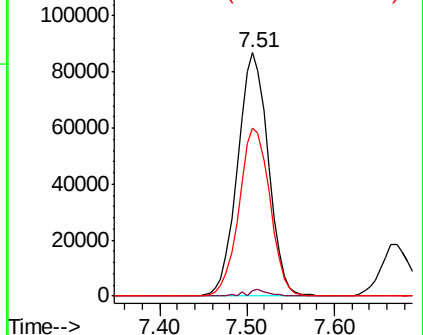


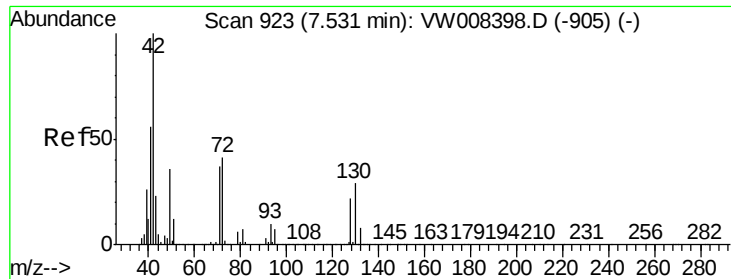
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 367.290 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

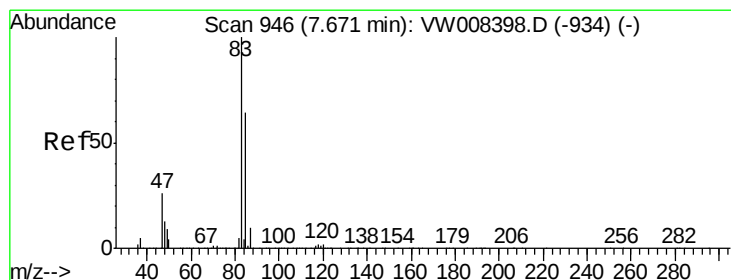
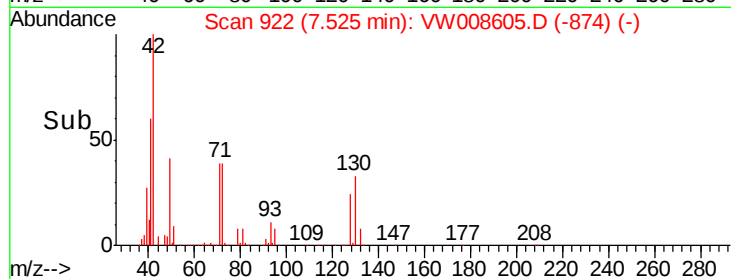
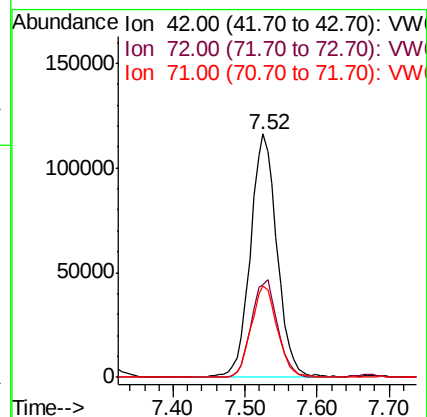
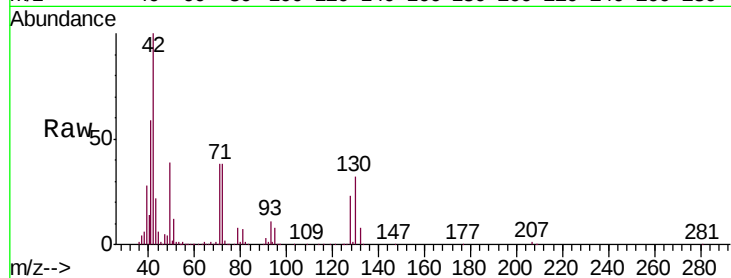
Tgt Ion: 42 Resp: 297200

Ion Ratio Lower Upper

42 100

72 39.6 31.9 47.9

71 36.9 29.9 44.9



#30

Chloroform

Concen: 59.515 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW008605.D

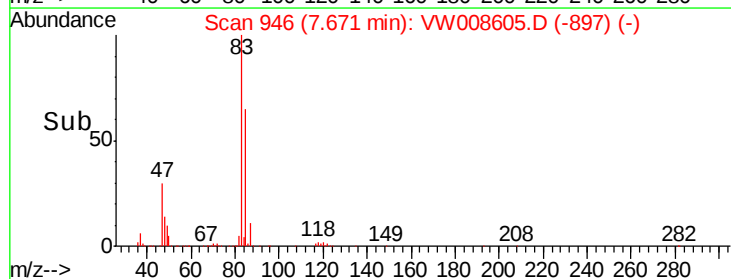
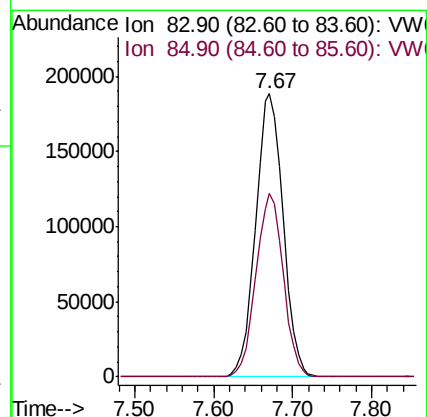
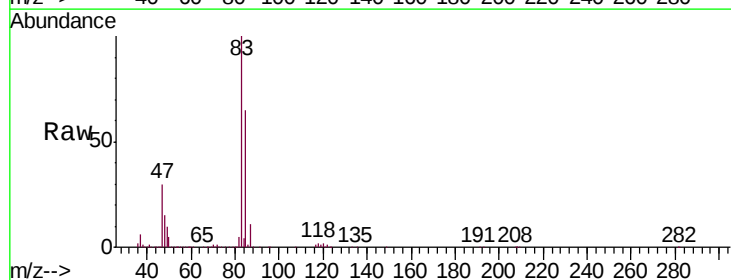
Acq: 11 Feb 2019 18:41

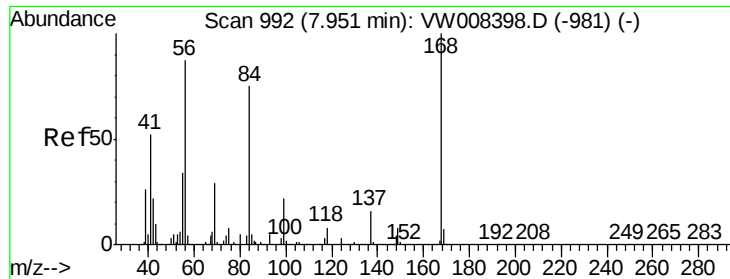
Tgt Ion: 83 Resp: 454838

Ion Ratio Lower Upper

83 100

85 64.8 50.9 76.3

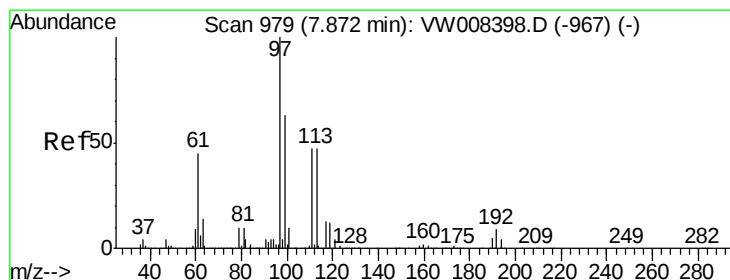
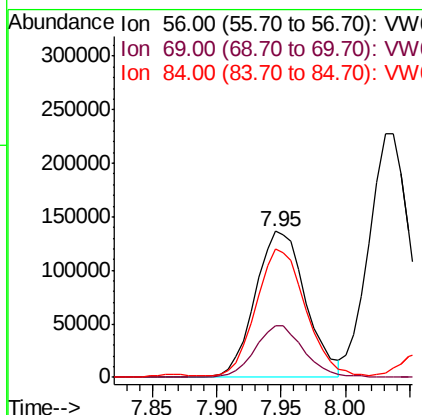
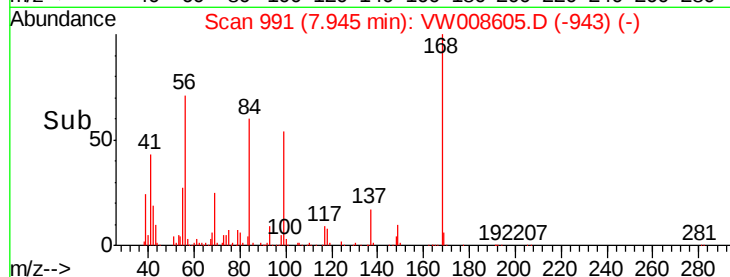
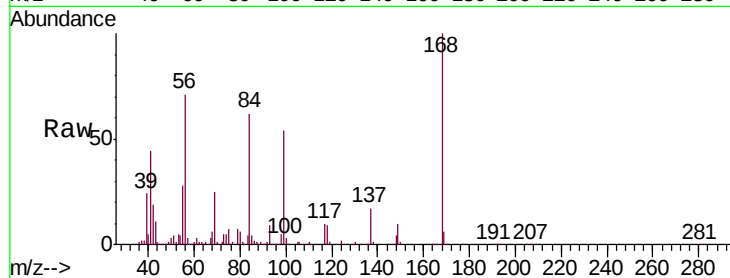




#31
Cyclohexane
Concen: 46.131 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

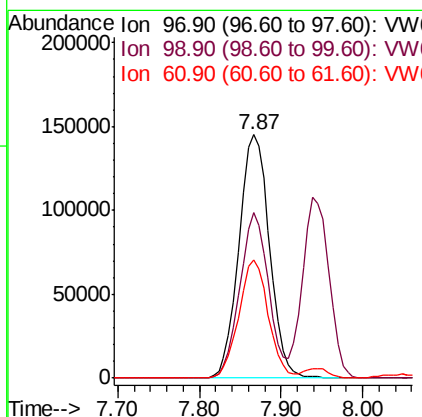
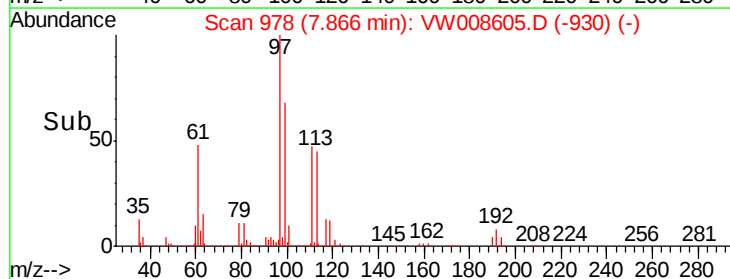
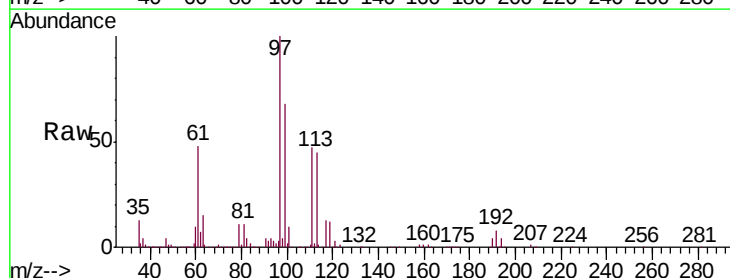
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

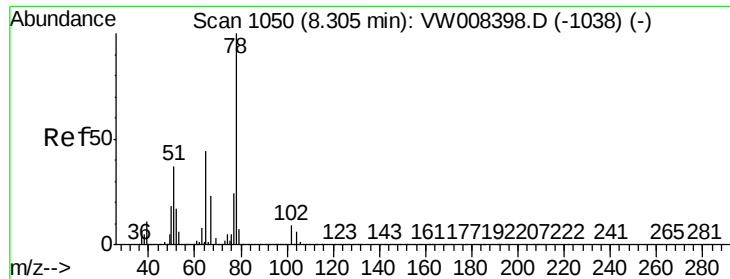
Tgt Ion: 56 Resp: 370627
Ion Ratio Lower Upper
56 100
69 35.0 26.4 39.6
84 87.0 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 57.222 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion: 97 Resp: 377717
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 46.8 36.2 54.4

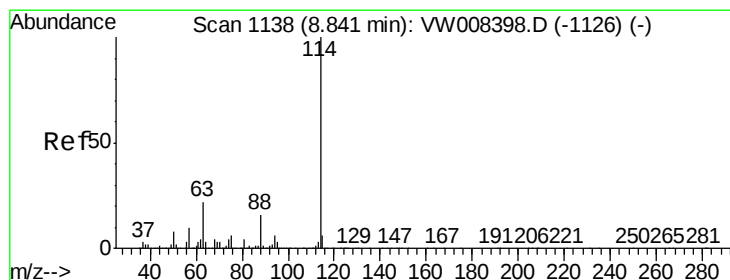
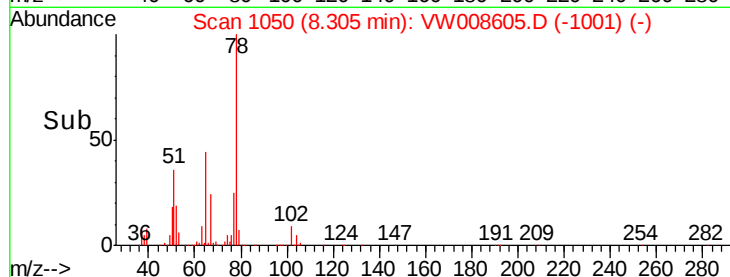
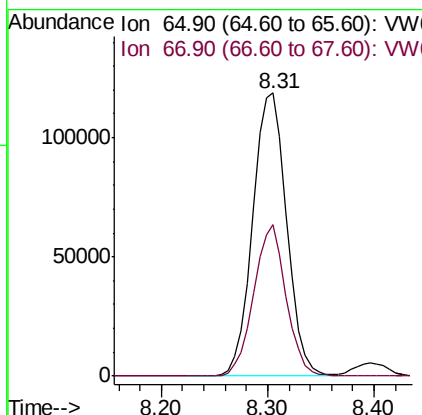
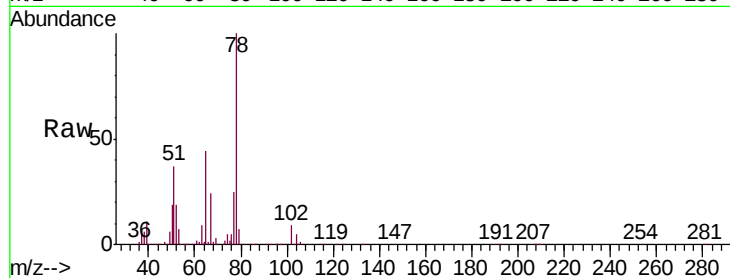




#33
 1,2-Dichloroethane-d4
 Concen: 64.879 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

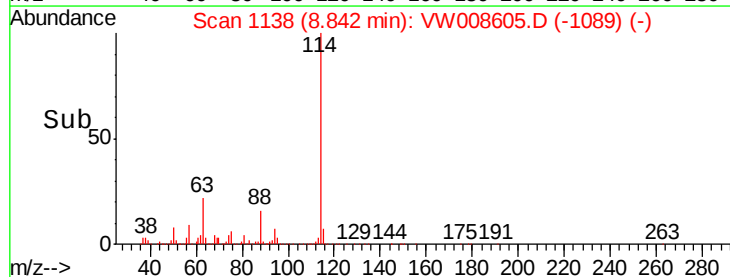
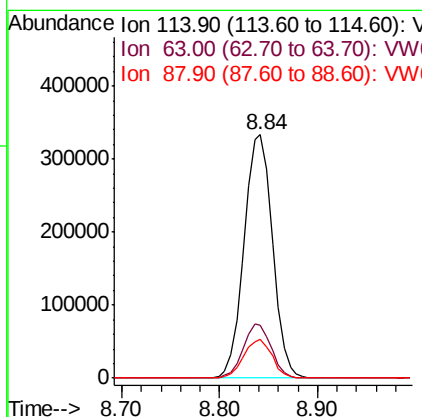
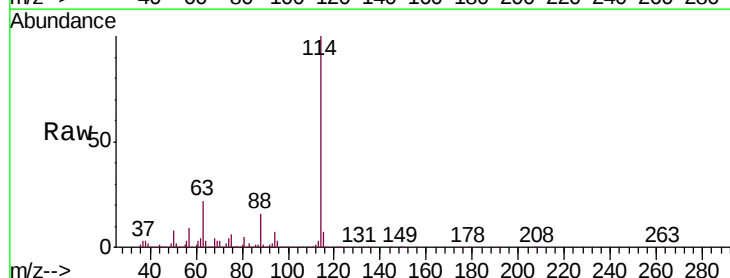
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

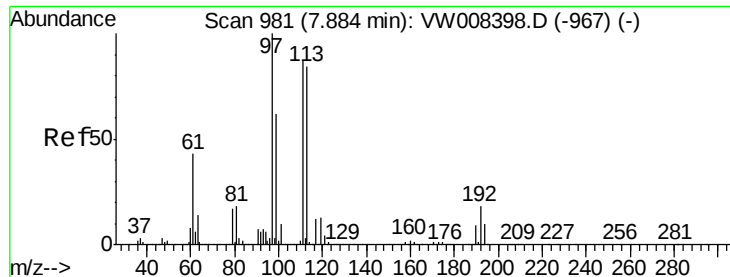
Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.6
88	15.9	0.0	31.8

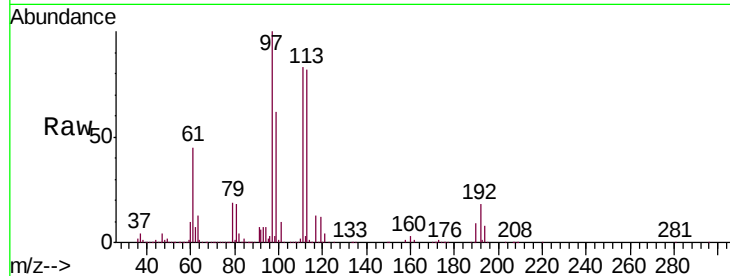




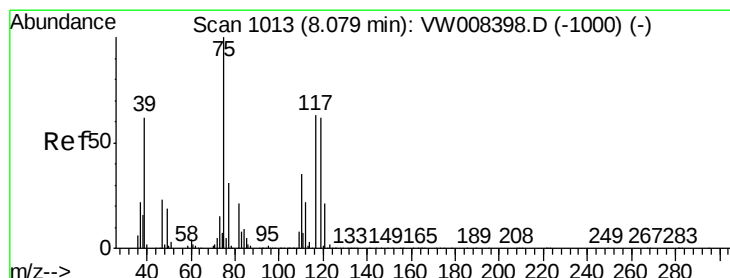
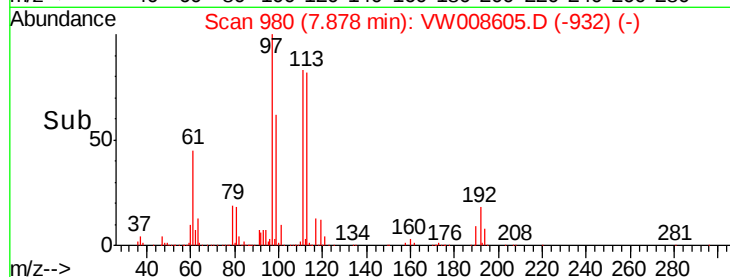
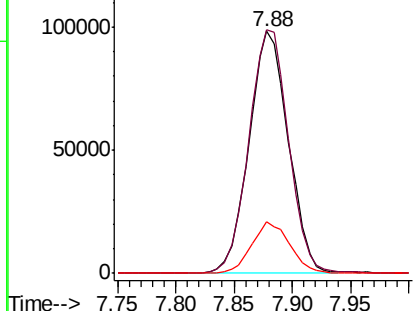
#35
 Dibromofluoromethane
 Concen: 58.650 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tgt Ion: 113 Resp: 230114
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.4
 192 20.7 16.8 25.2

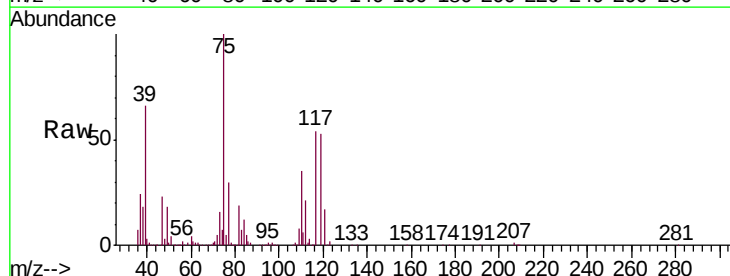


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

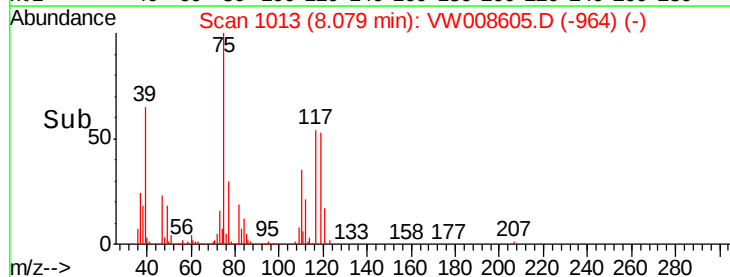
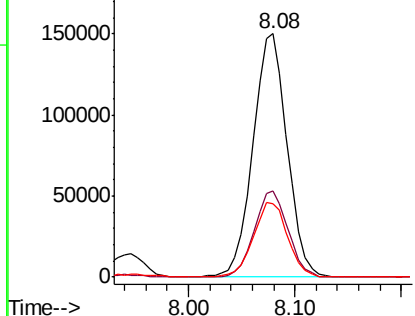


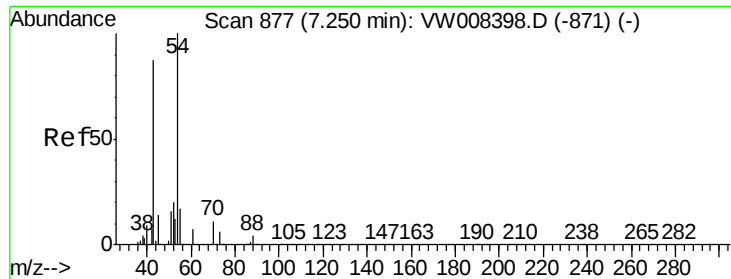
#36
 1,1-Dichloropropene
 Concen: 53.058 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion: 75 Resp: 336294
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.3 52.0
 77 31.1 24.7 37.1



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

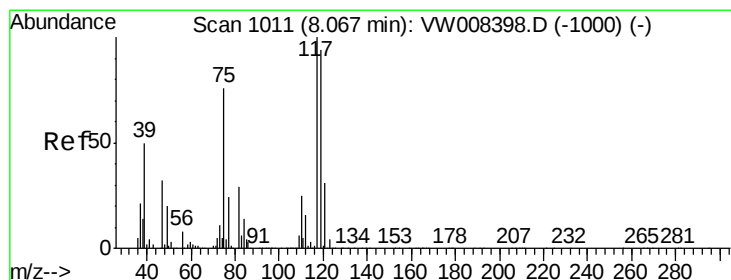
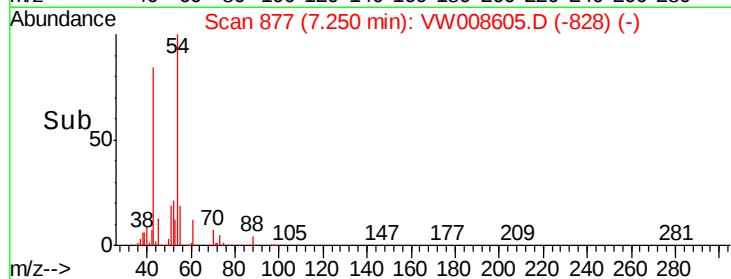
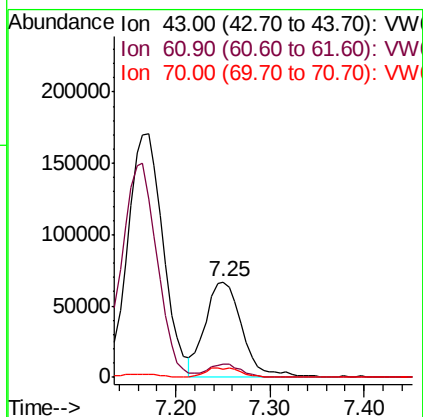
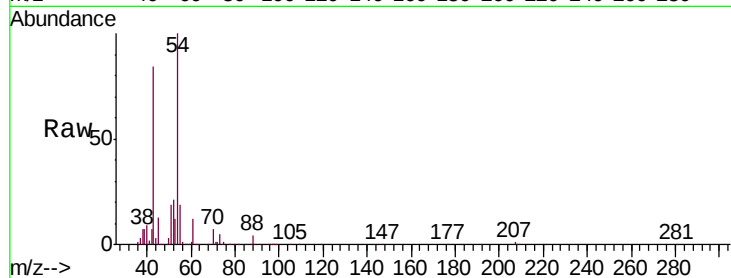




#37
Ethyl Acetate
Concen: 63.957 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

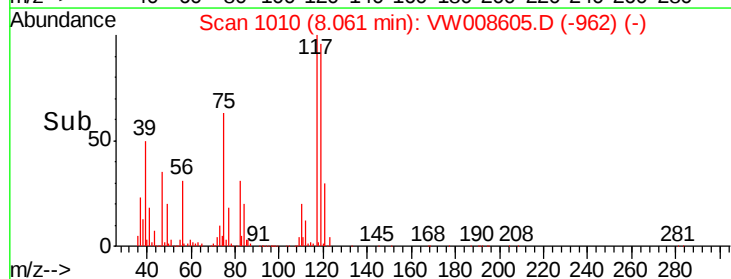
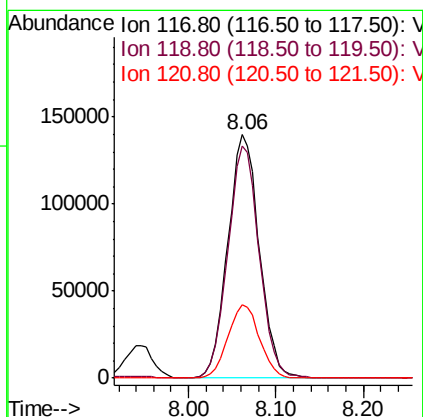
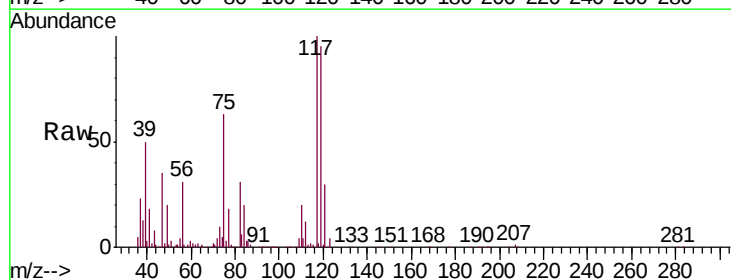
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

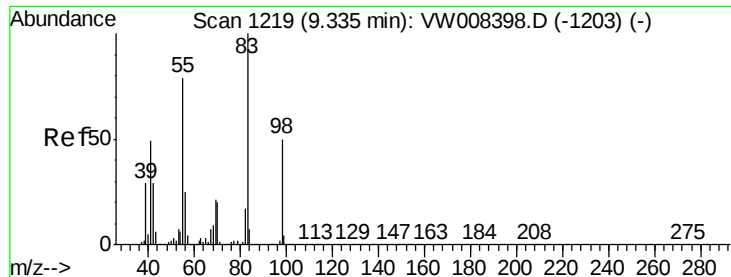
Tgt Ion: 43 Resp: 179350
Ion Ratio Lower Upper
43 100
61 12.7 10.1 15.1
70 9.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 54.858 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion: 117 Resp: 349895
Ion Ratio Lower Upper
117 100
119 95.4 75.0 112.4
121 30.0 24.9 37.3

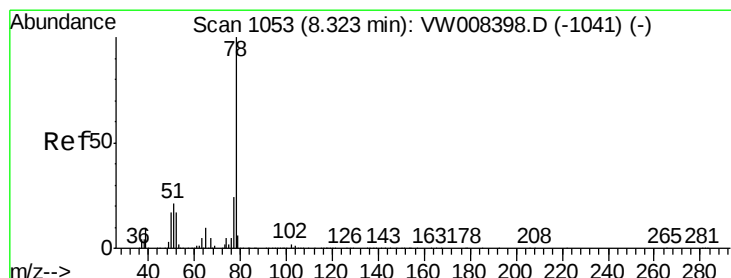
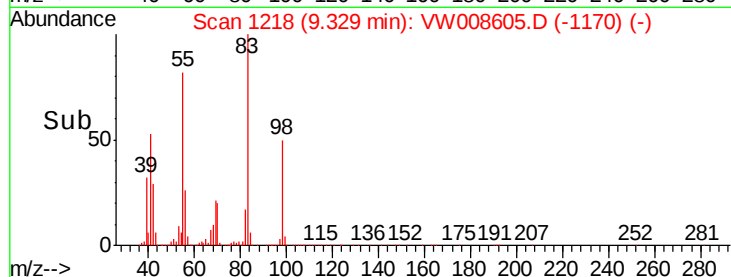
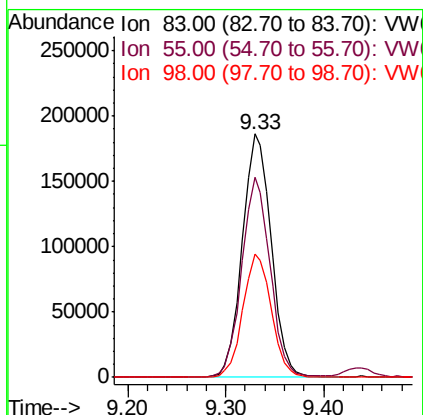
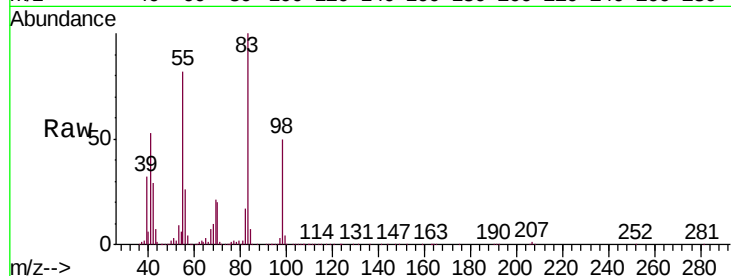




#39
Methylcyclohexane
Concen: 45.698 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

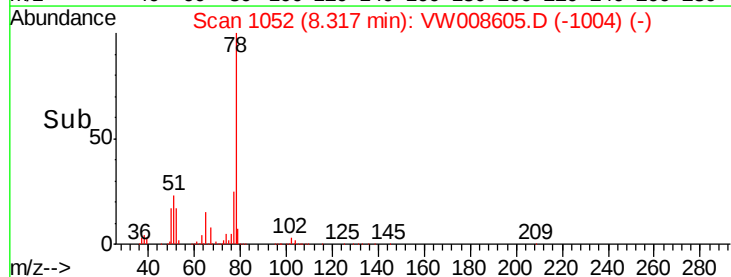
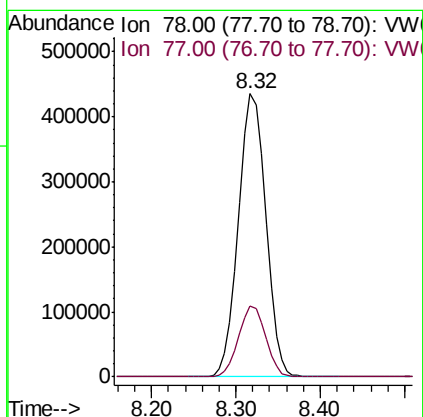
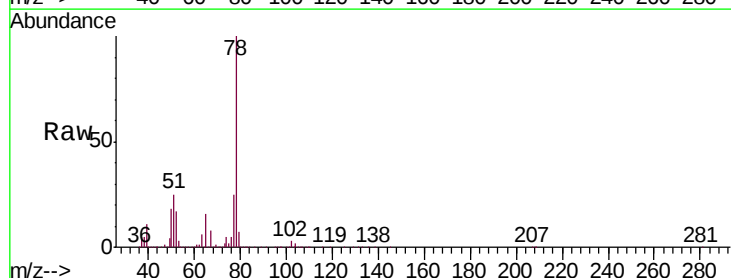
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.1	63.3	94.9
98	50.5	39.7	59.5



#40
Benzene
Concen: 54.489 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.6

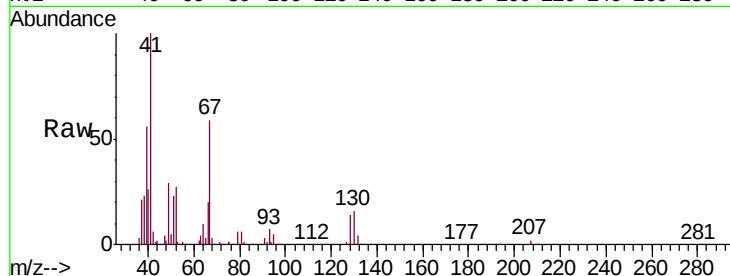




#41
Methacrylonitrile
Concen: 64.549 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tgt Ion:	41	Resp:	107179
Ion	Ratio	Lower	Upper
41	100		
39	64.6	43.4	65.0
67	70.9	54.2	81.2
52	32.3	22.9	34.3



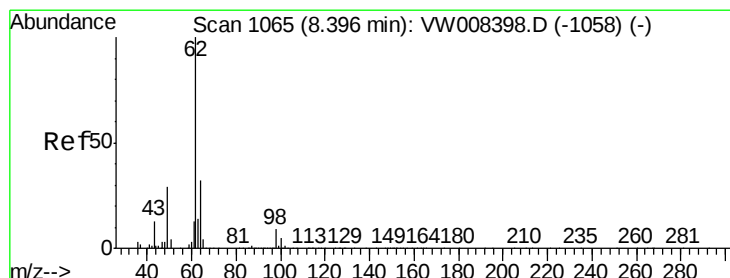
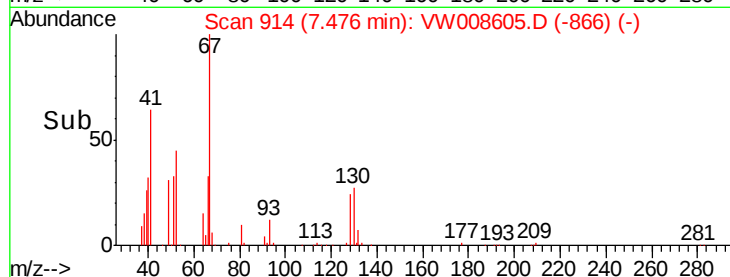
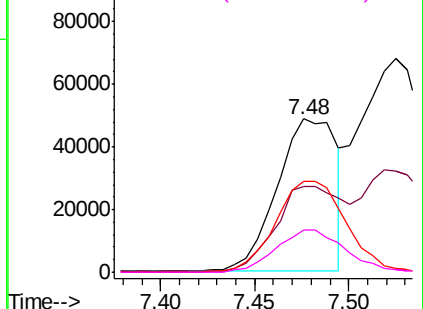
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

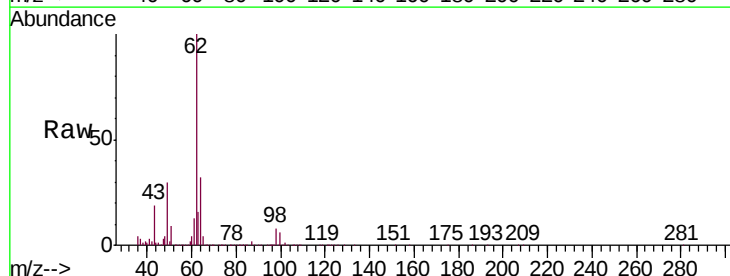
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 63.057 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

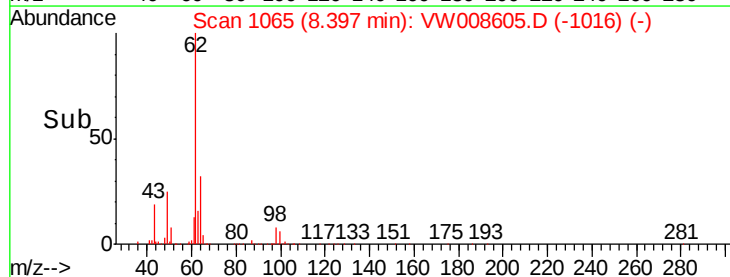
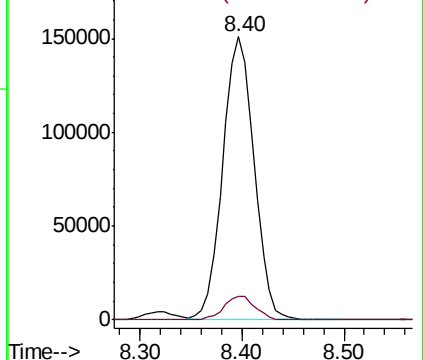
Tgt Ion:	62	Resp:	321395
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.6

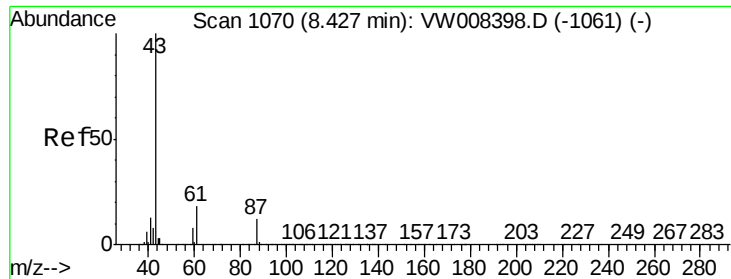


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 66.682 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

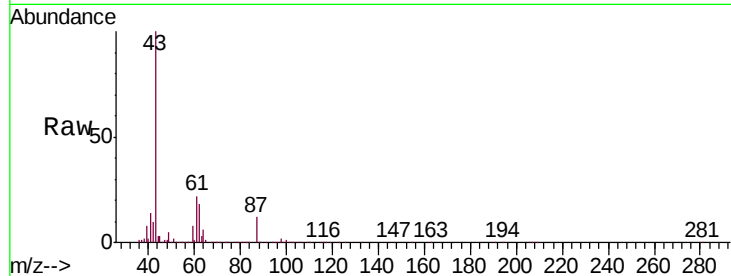
Tgt Ion: 43 Resp: 388482

Ion Ratio Lower Upper

43 100

61 27.1 22.0 33.0

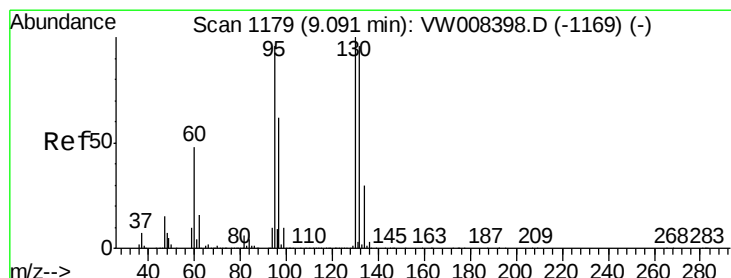
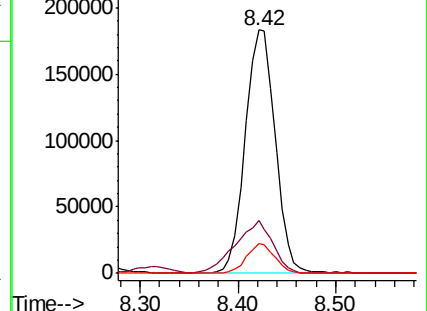
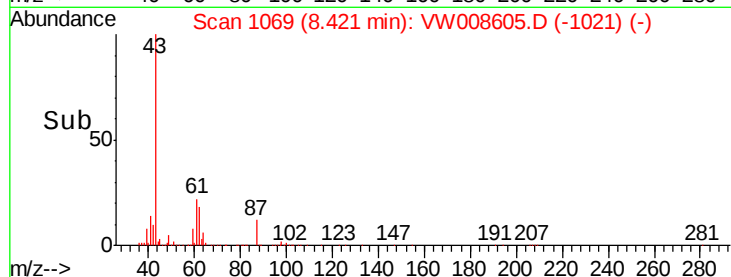
87 11.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 52.778 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008605.D

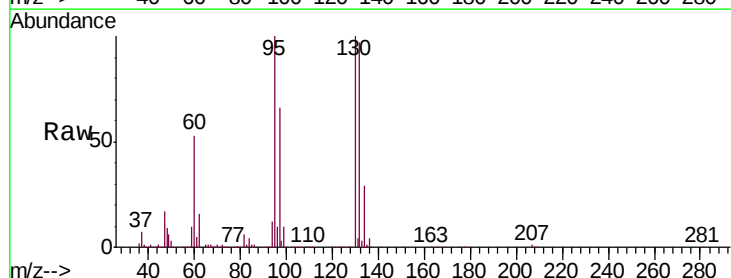
Acq: 11 Feb 2019 18:41

Tgt Ion: 130 Resp: 252423

Ion Ratio Lower Upper

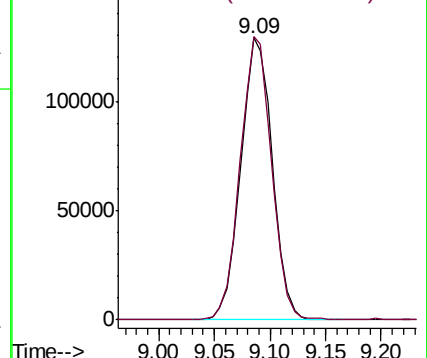
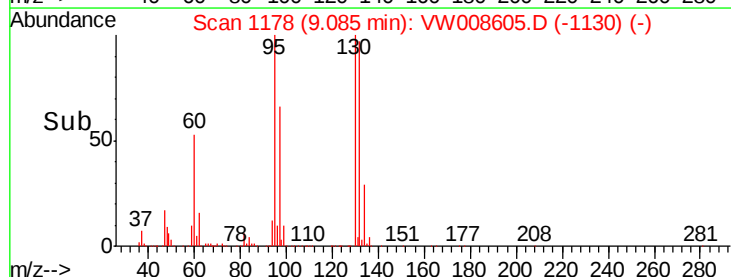
130 100

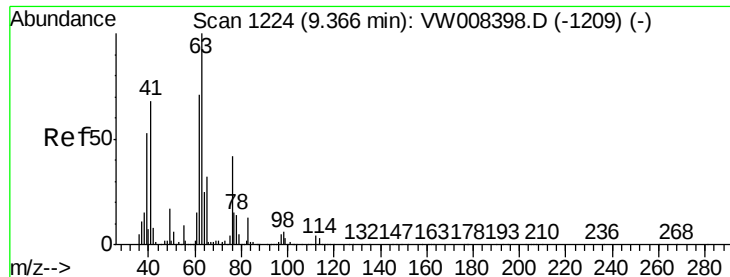
95 100.3 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 56.548 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

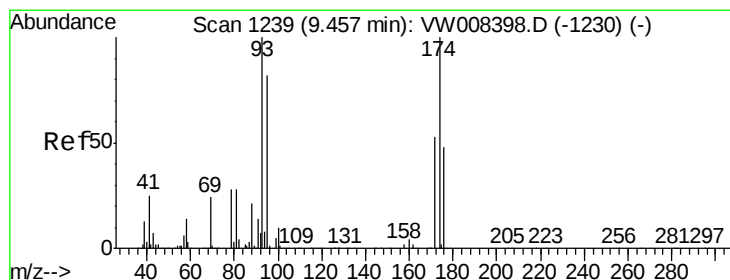
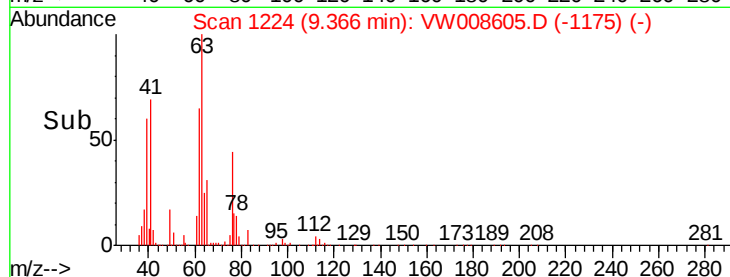
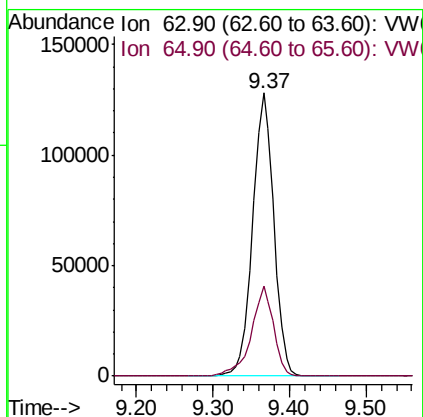
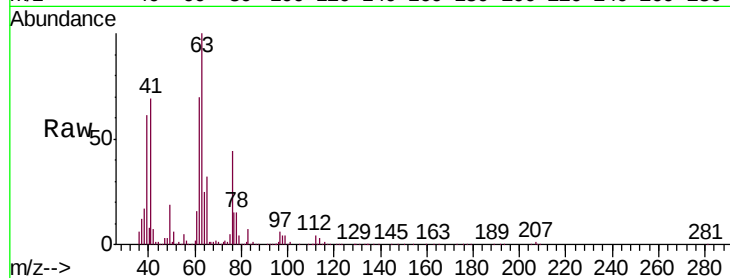
SB-10(0-5)MSD

Tgt Ion: 63 Resp: 247984

Ion Ratio Lower Upper

63 100

65 31.4 25.2 37.8



#46

Dibromomethane

Concen: 61.371 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

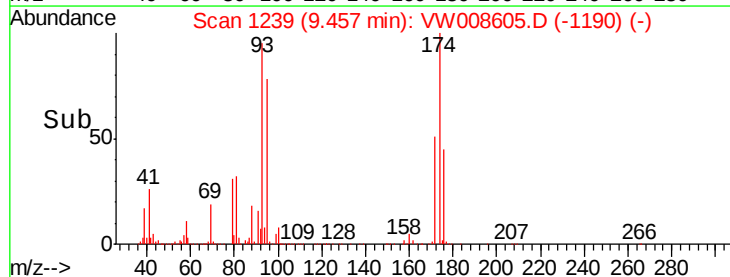
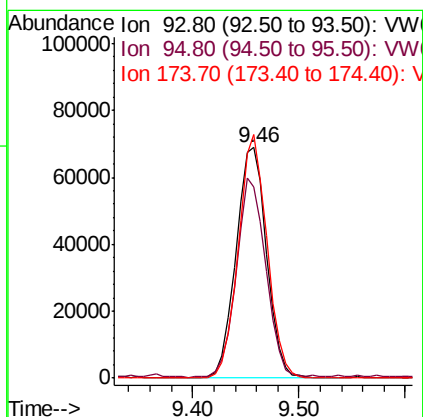
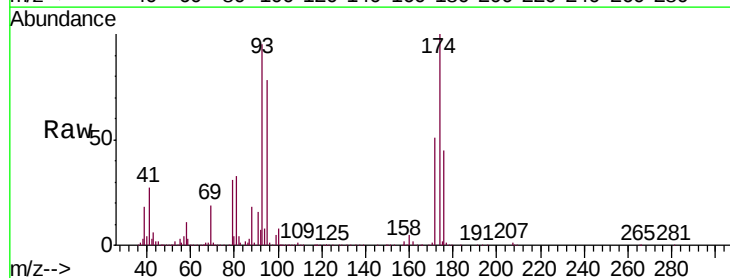
Tgt Ion: 93 Resp: 138424

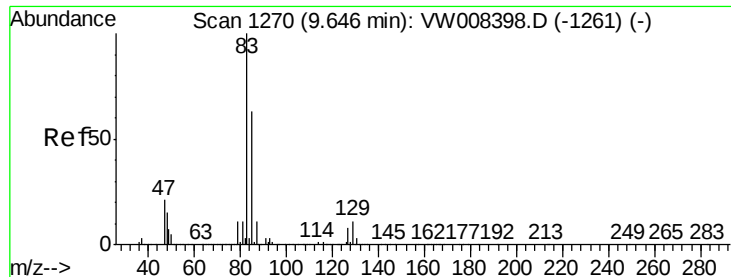
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

174 99.6 81.0 121.6

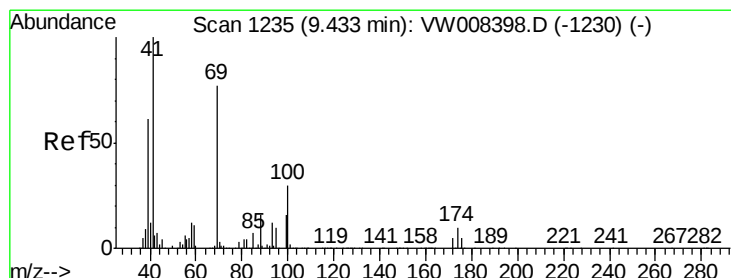
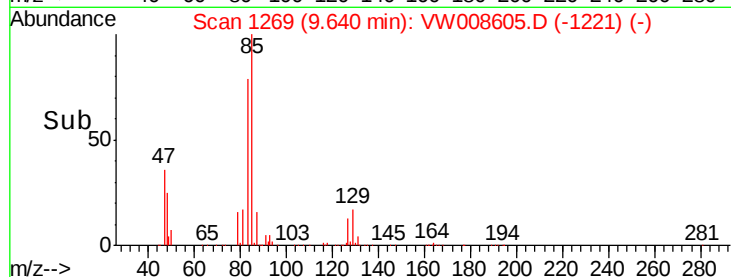
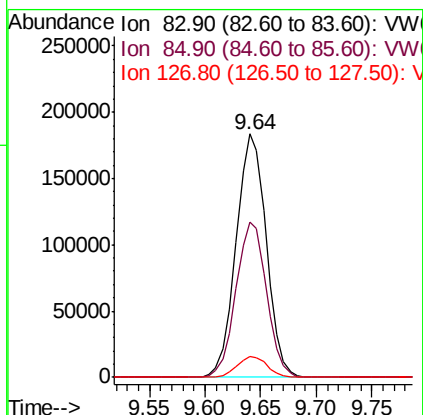
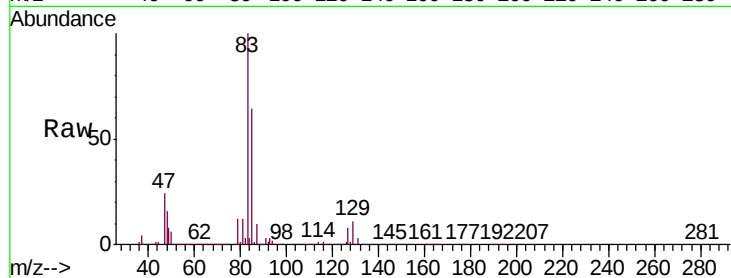




#47
Bromodichloromethane
Concen: 57.499 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

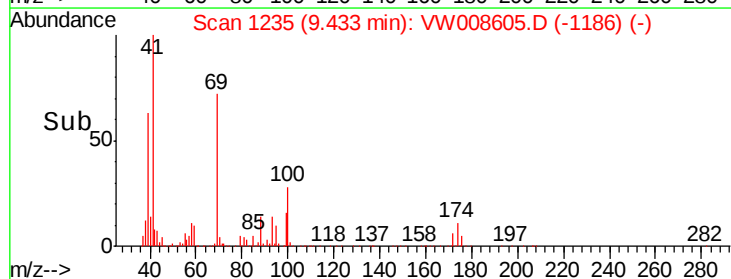
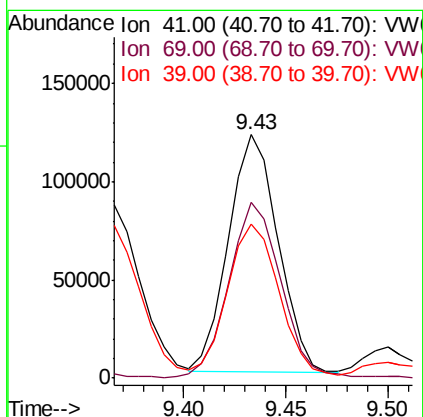
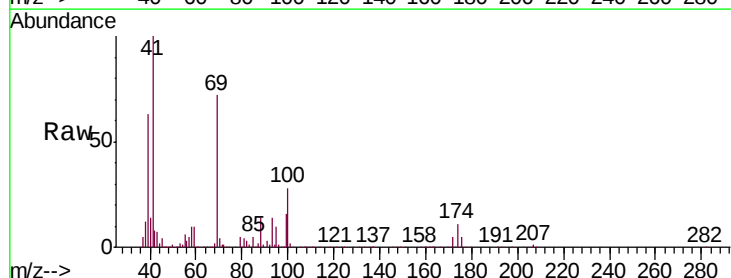
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

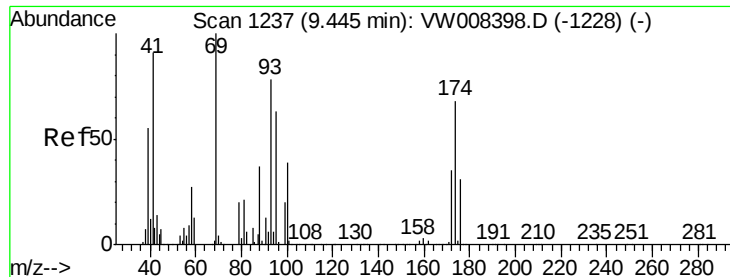
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.8	76.2
127	8.4	6.8	10.2



#48
Methyl methacrylate
Concen: 71.484 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.3	64.8	97.2
39	68.2	49.1	73.7

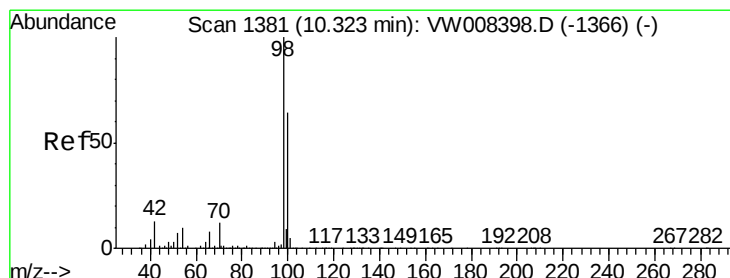
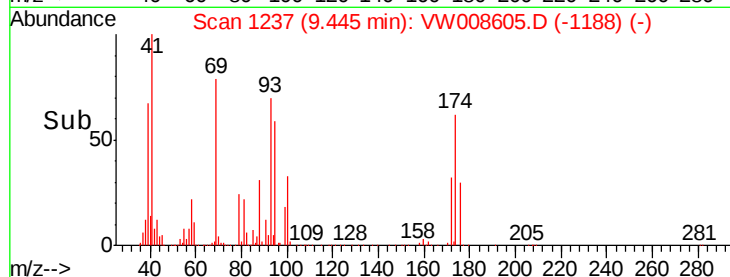
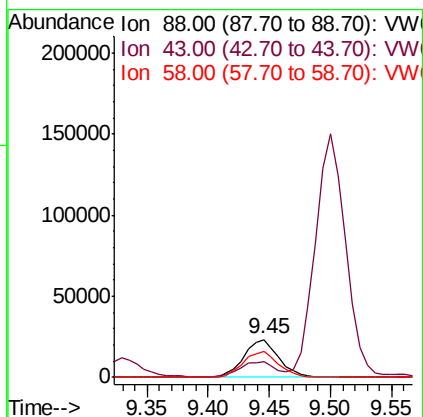
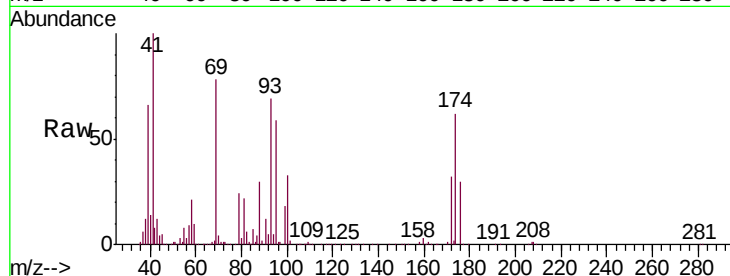




#49
1,4-Dioxane
Concen: 1210.025 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

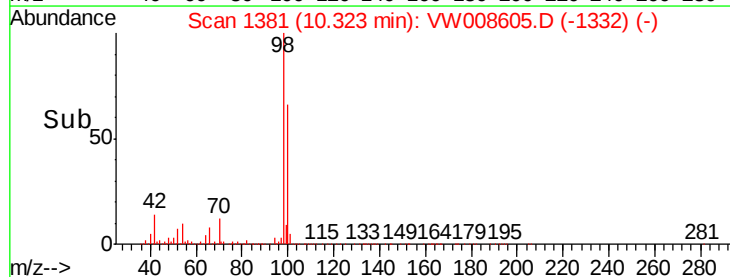
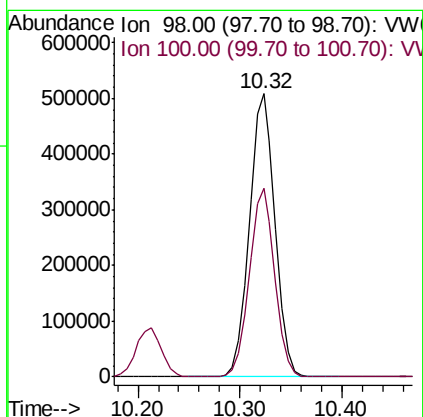
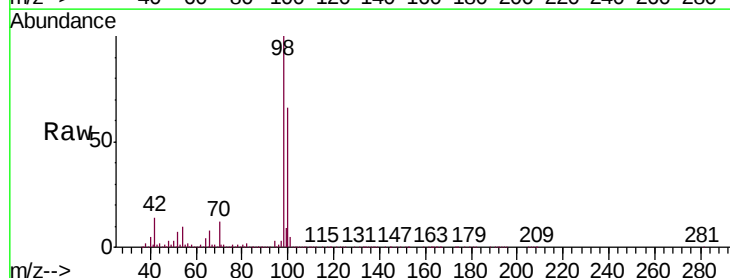
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

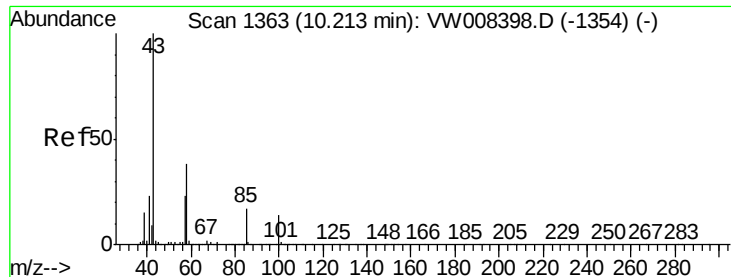
Tgt Ion: 88 Resp: 46133
Ion Ratio Lower Upper
88 100
43 39.9 29.0 43.4
58 70.0 56.4 84.6



#50
Toluene-d8
Concen: 56.376 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion: 98 Resp: 886995
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

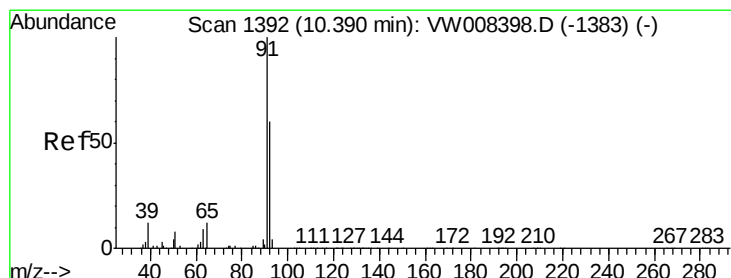
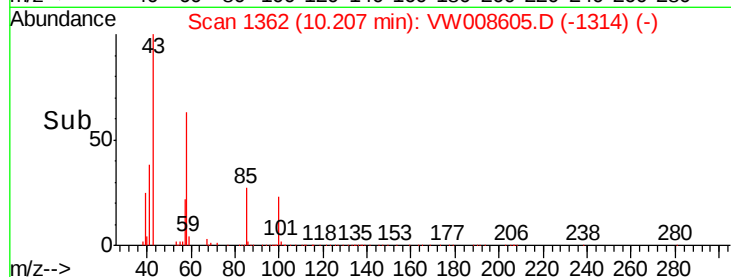
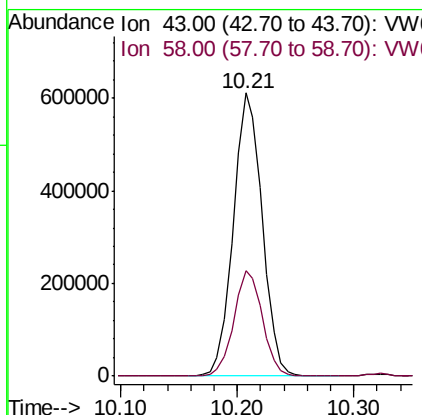
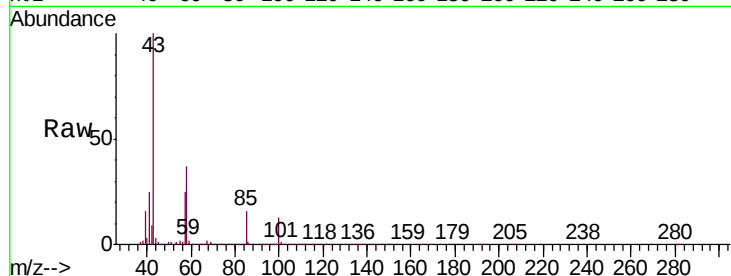




#51
4-Methyl-2-Pentanone
Concen: 365.026 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

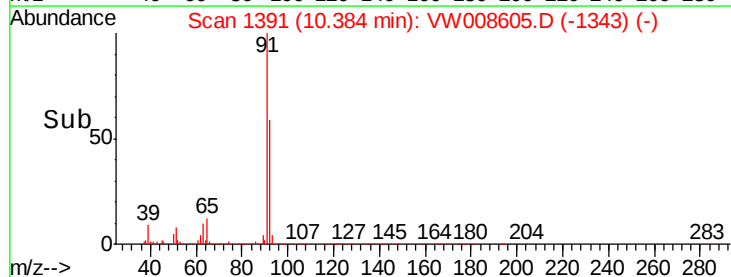
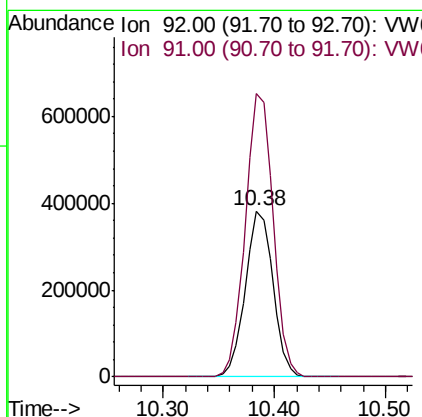
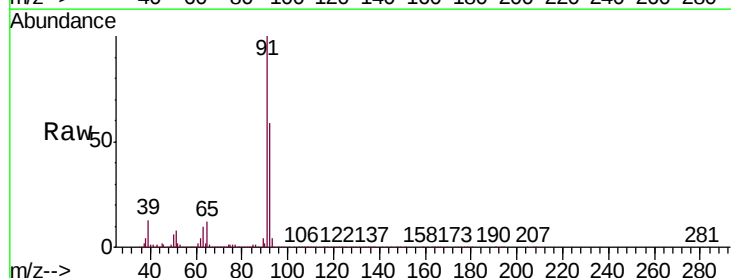
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

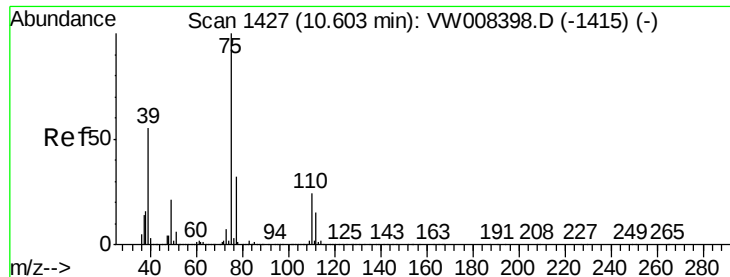
Tgt Ion: 43 Resp: 1050605
Ion Ratio Lower Upper
43 100
58 36.8 29.7 44.5



#52
Toluene
Concen: 57.031 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion: 92 Resp: 662133
Ion Ratio Lower Upper
92 100
91 171.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 59.773 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

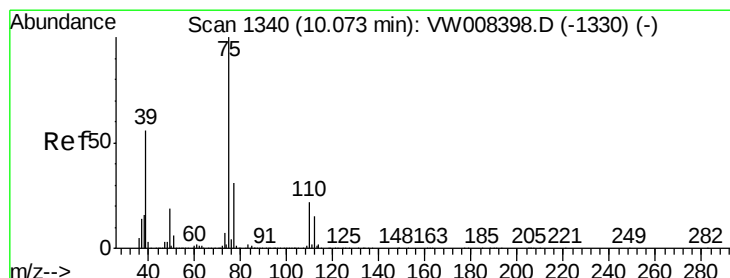
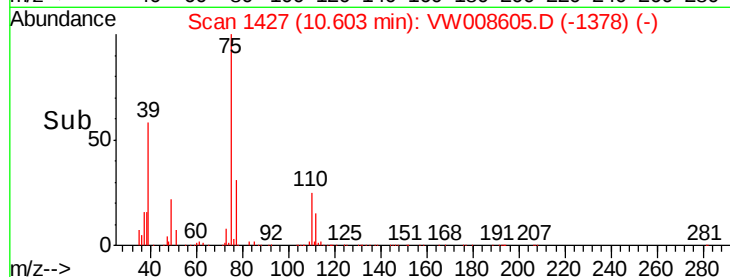
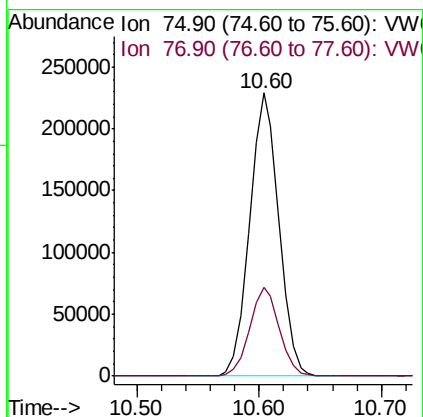
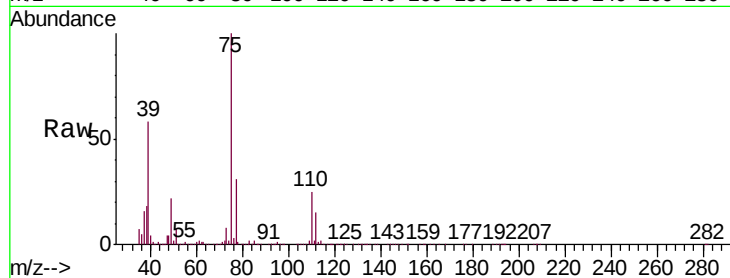
SB-10(0-5)MSD

Tgt Ion: 75 Resp: 379451

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 56.417 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

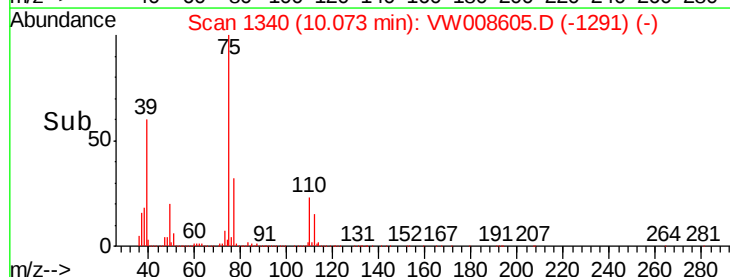
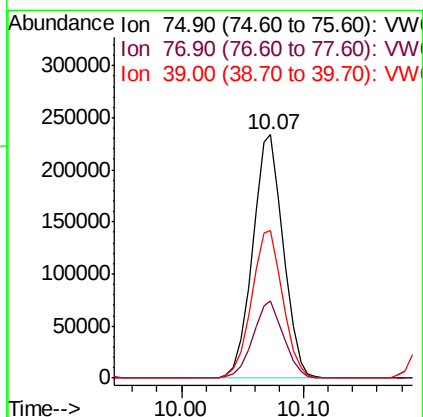
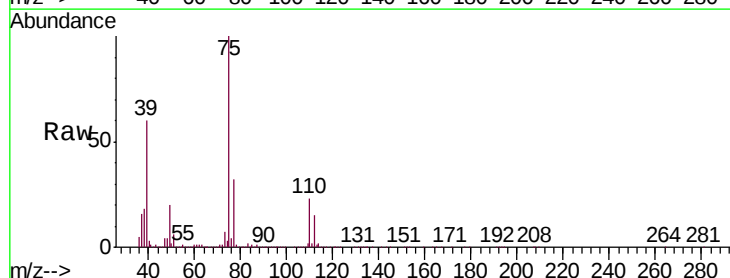
Tgt Ion: 75 Resp: 406442

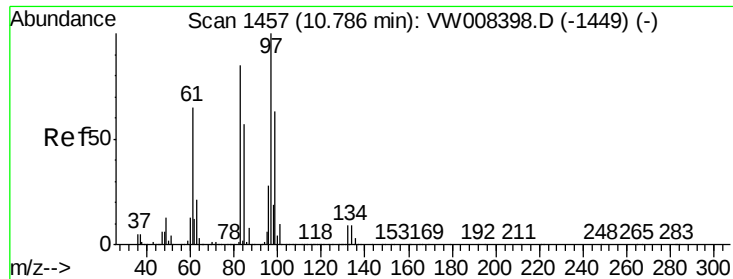
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 60.2 44.9 67.3

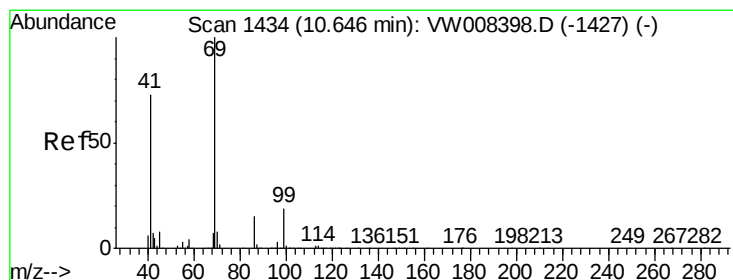
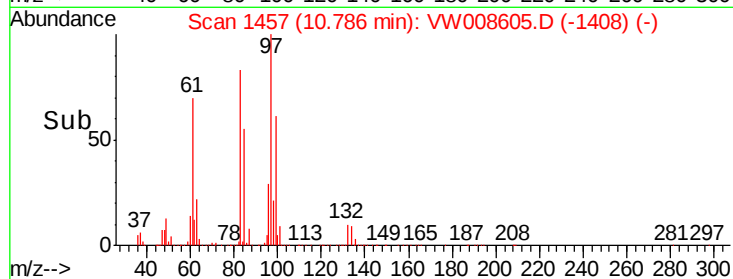
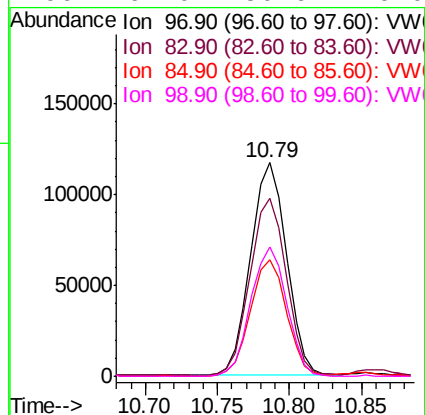
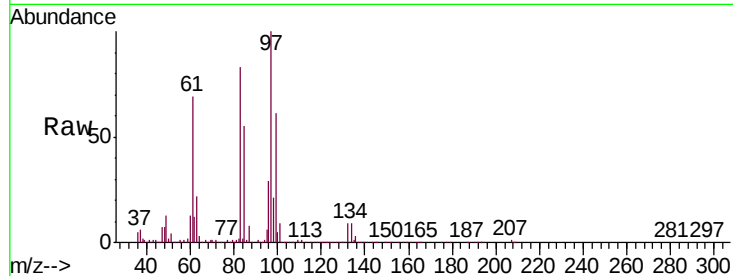




#55
 1,1,2-Trichloroethane
 Concen: 64.694 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

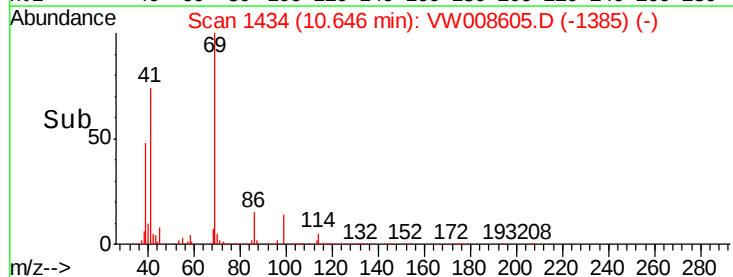
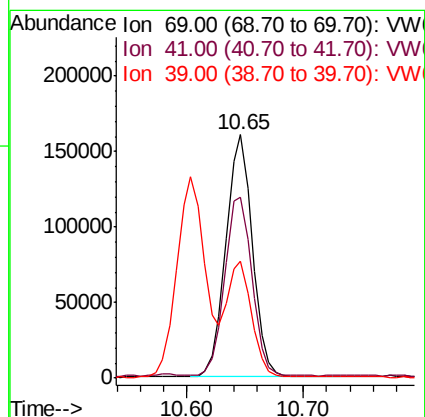
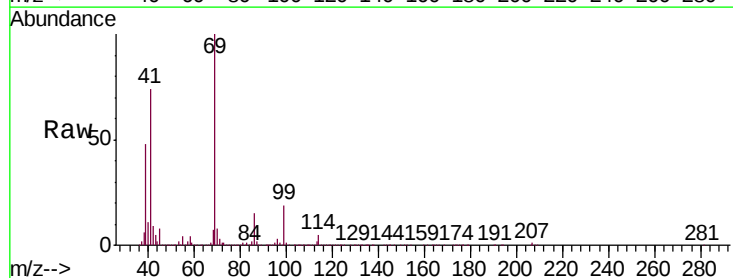
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tgt Ion:	97	Resp:	202401
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.4	102.6
85	55.0	45.3	67.9
99	61.0	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 57.641 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion:	69	Resp:	252688
Ion	Ratio	Lower	Upper
69	100		
41	76.0	58.7	88.1
39	43.6	32.6	48.8

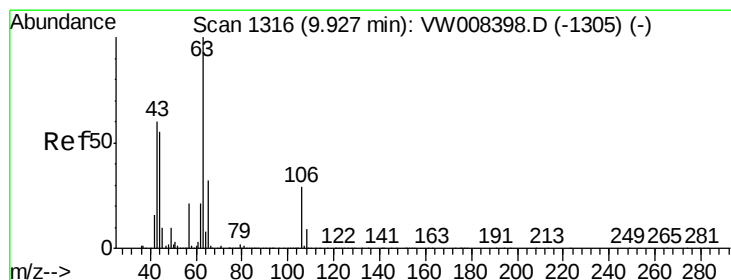
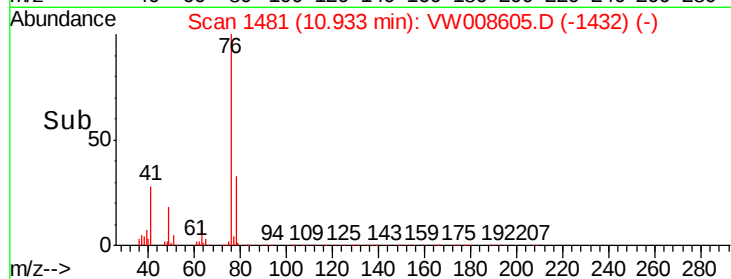
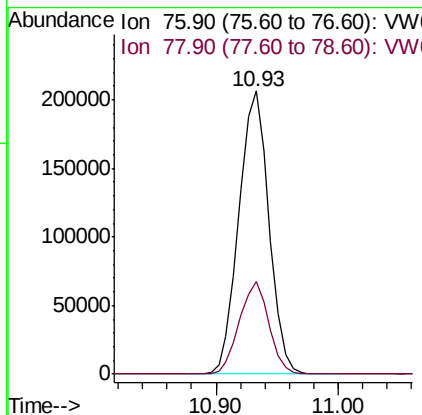
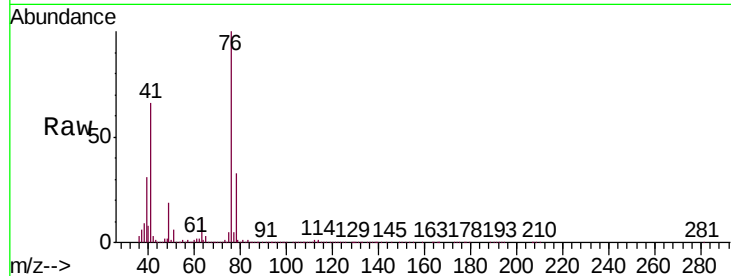




#57
 1,3-Dichloropropane
 Concen: 62.762 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

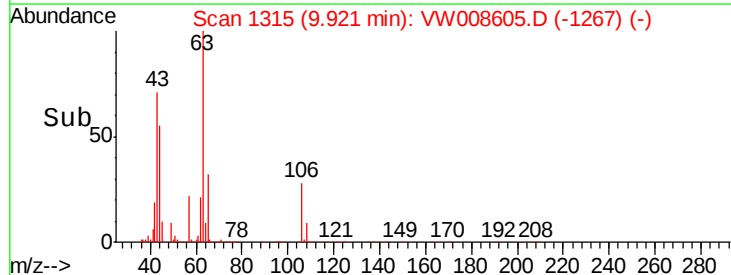
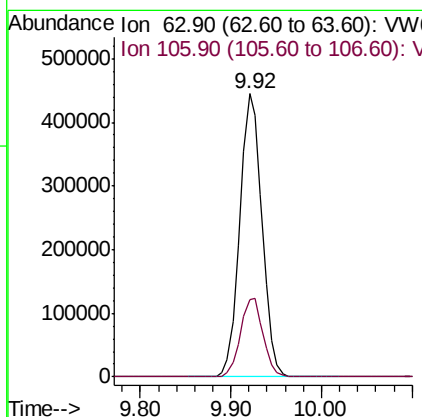
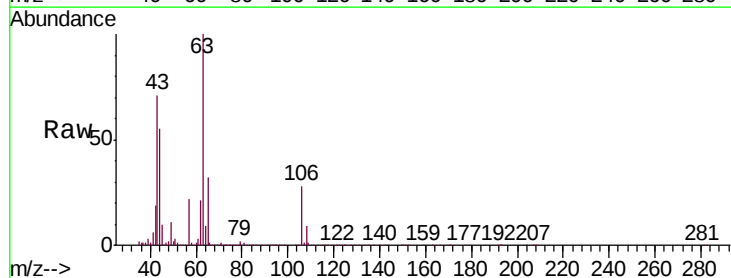
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

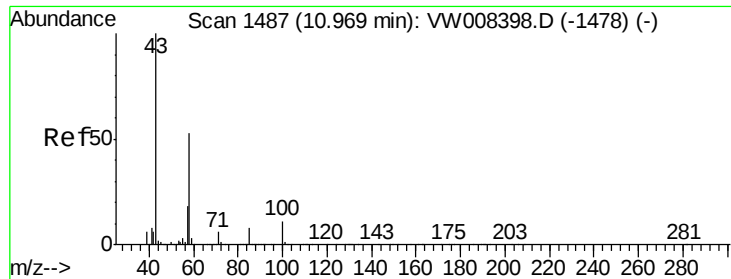
Tgt Ion: 76 Resp: 351773
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 353.513 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion: 63 Resp: 752970
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.4 33.6

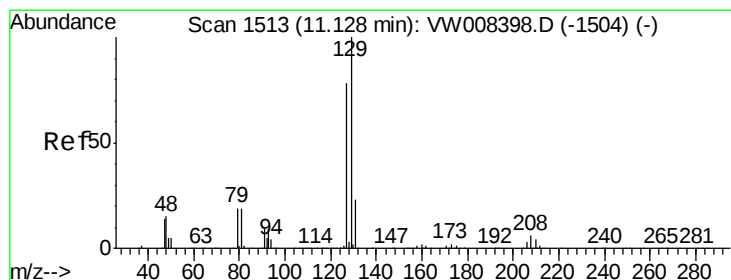
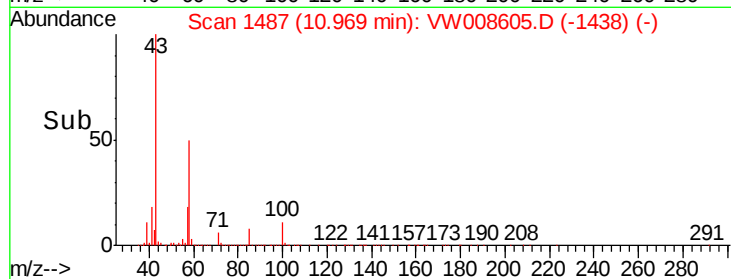
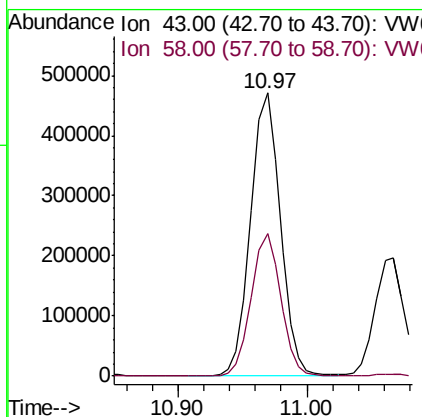
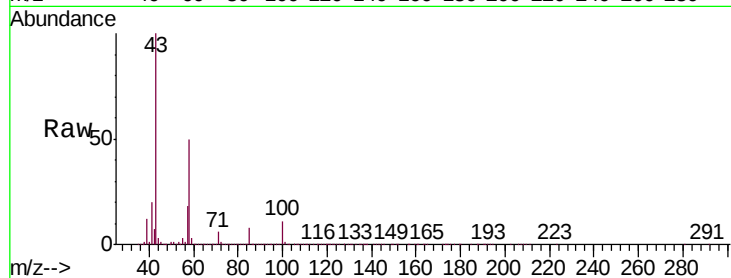




#59
2-Hexanone
Concen: 369.735 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

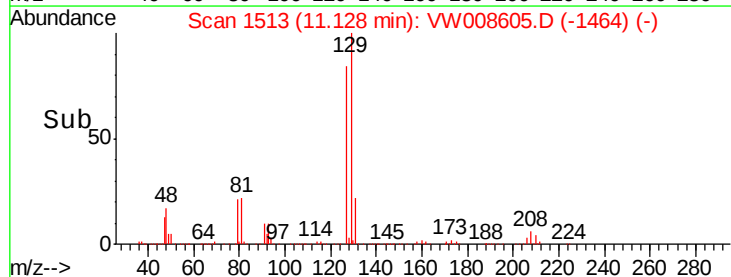
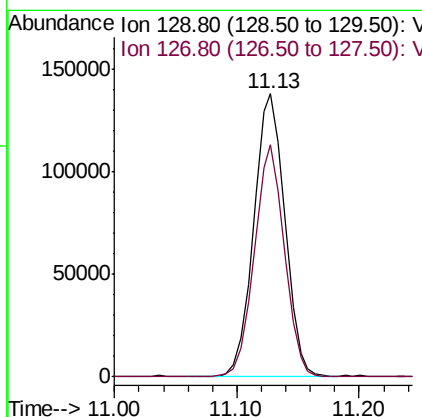
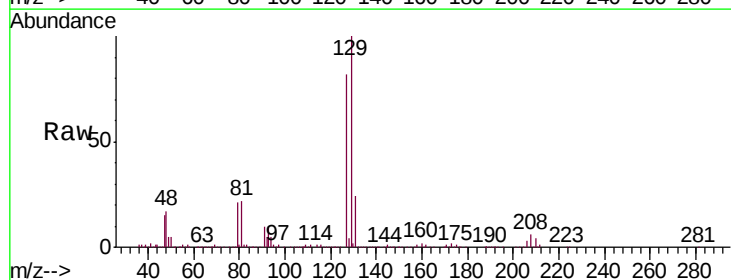
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tgt Ion: 43 Resp: 751254
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.7



#60
Dibromochloromethane
Concen: 60.754 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion: 129 Resp: 244260
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.2

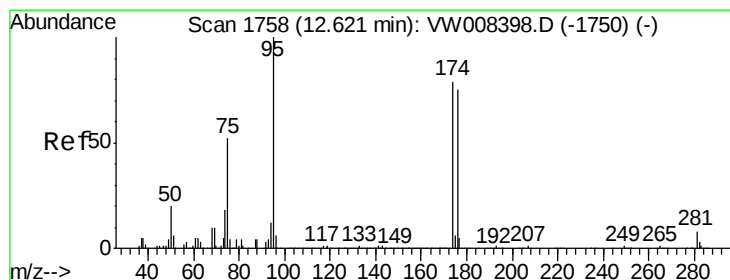
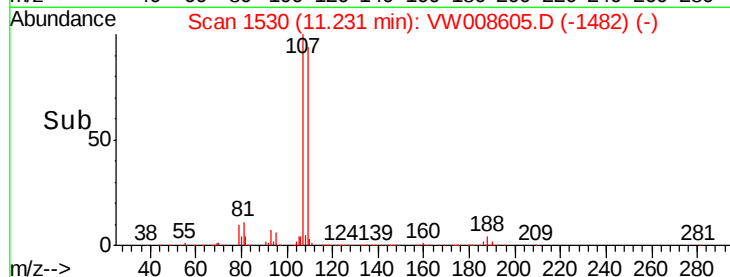
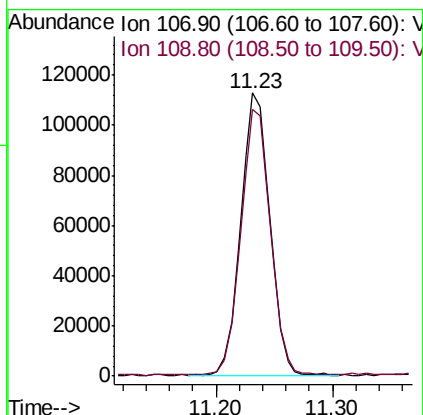
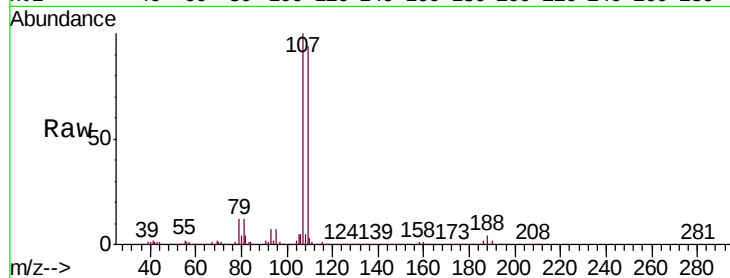




#61
 1,2-Dibromoethane
 Concen: 62.930 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

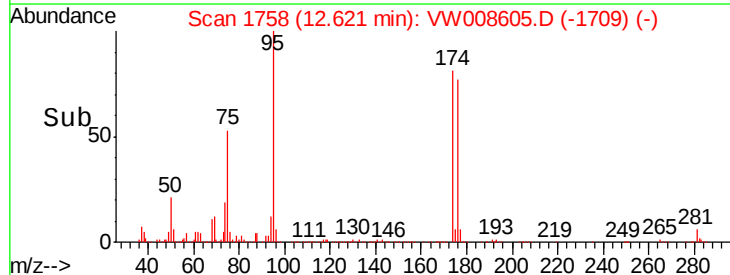
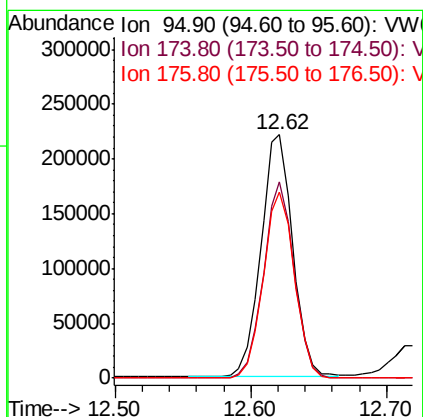
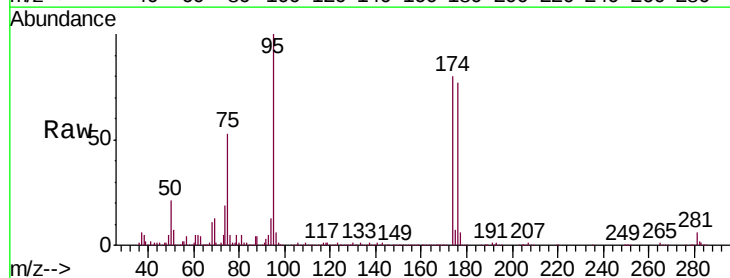
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

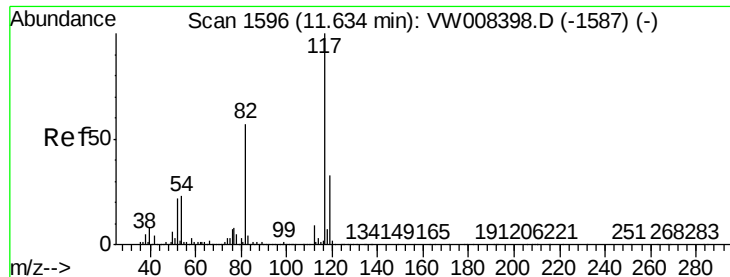
Tgt Ion: 107 Resp: 195215
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 60.114 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion: 95 Resp: 363549
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 157.6
 176 75.0 0.0 151.8

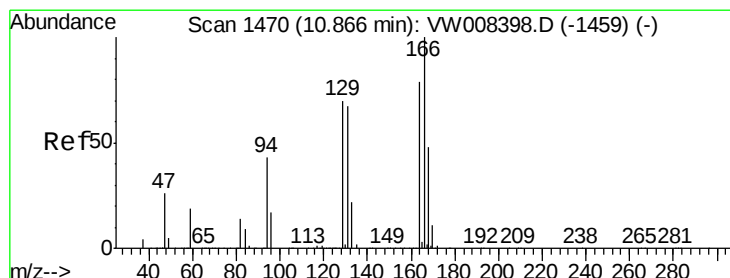
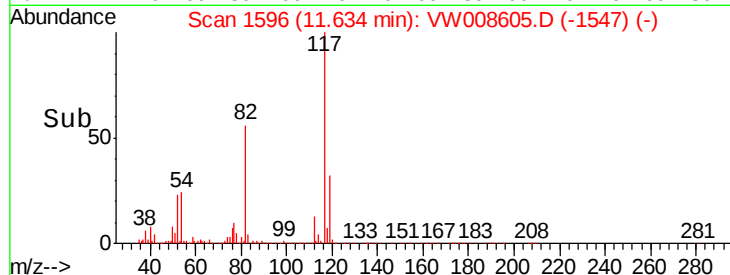
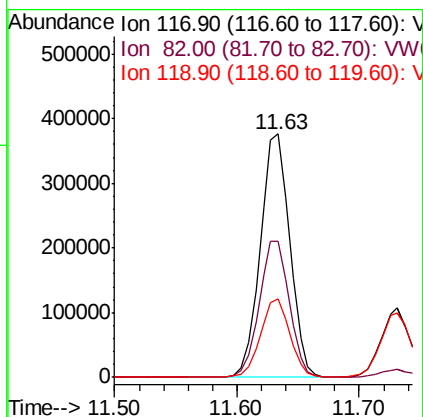
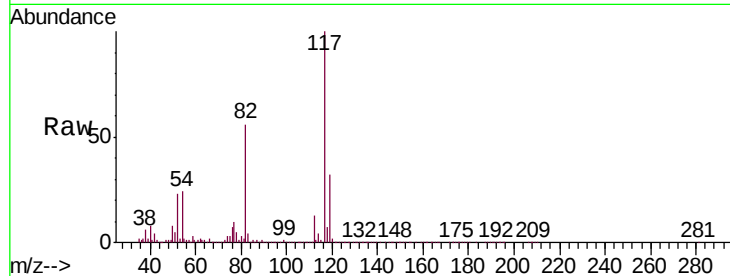




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

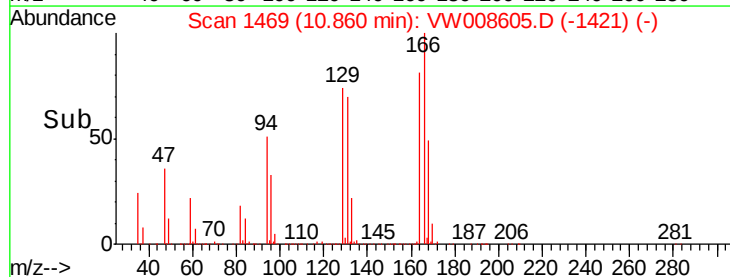
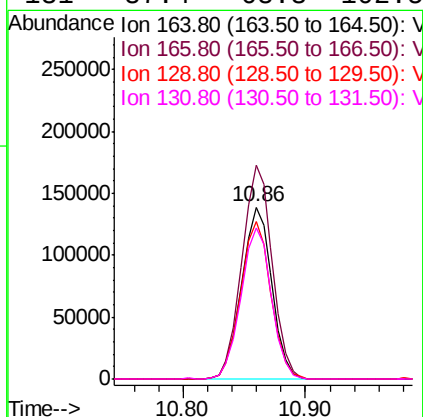
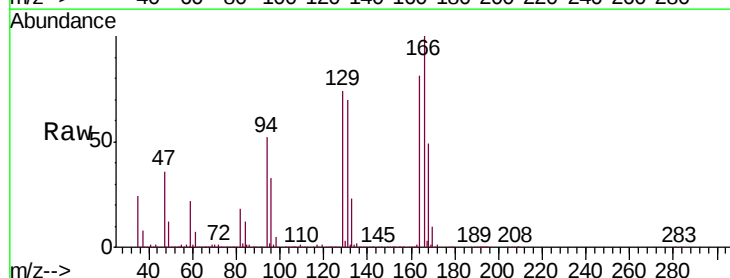
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

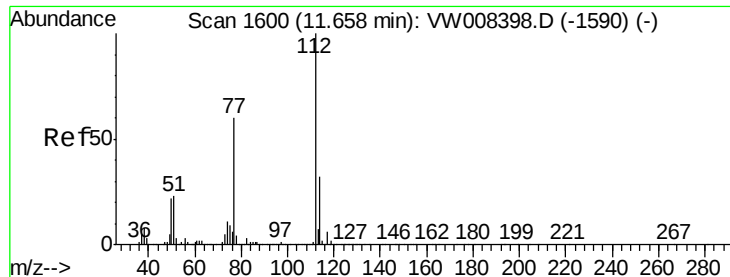
Tgt Ion:117 Resp: 631624
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 55.513 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion:164 Resp: 237399
Ion Ratio Lower Upper
164 100
166 124.2 101.4 152.0
129 91.7 71.0 106.6
131 87.4 68.3 102.5

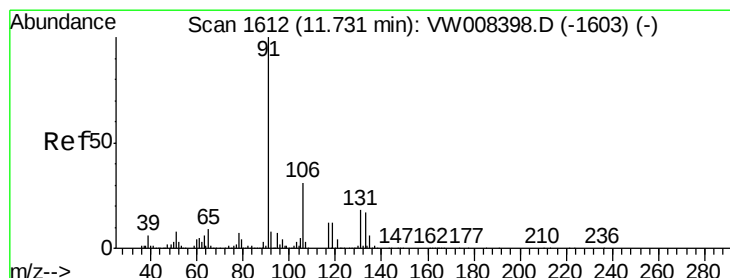
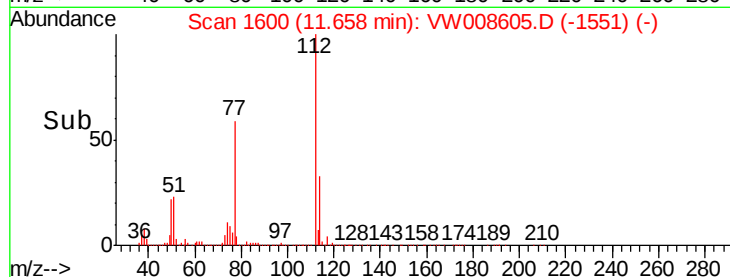
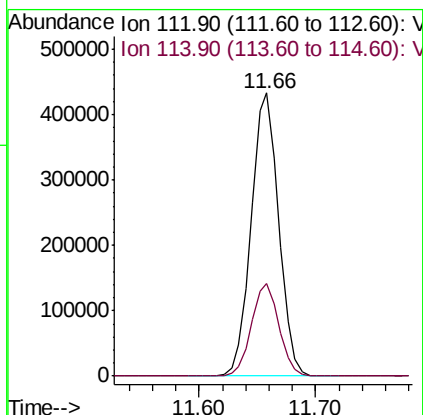
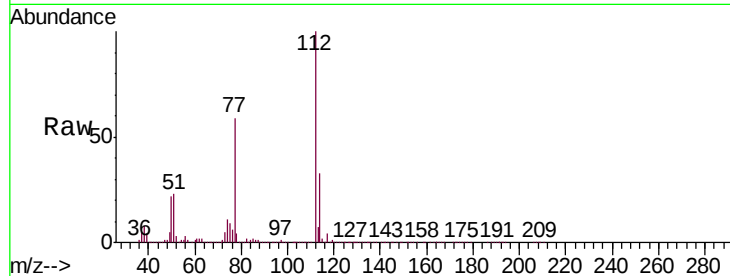




#65
Chlorobenzene
Concen: 55.306 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

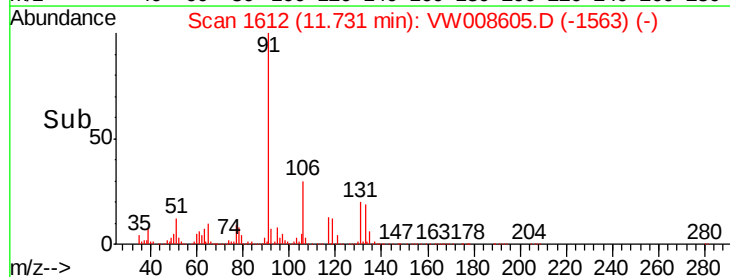
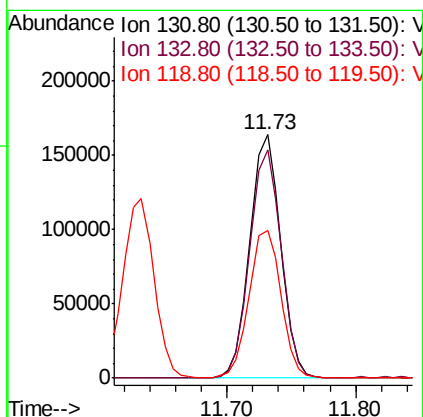
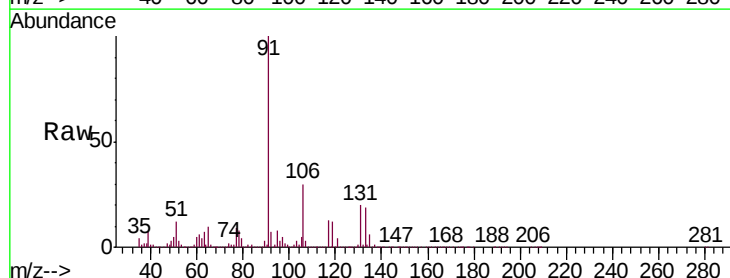
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

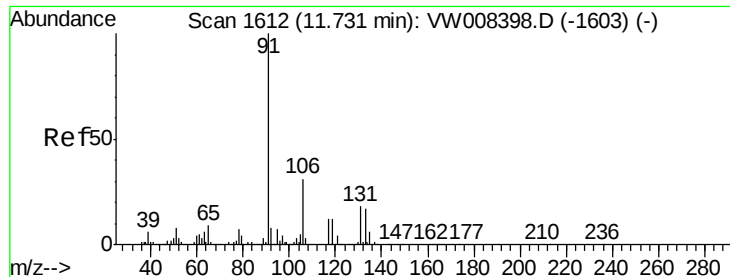
Tgt Ion:112 Resp: 713100
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 58.584 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion:131 Resp: 270254
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.2
119 63.1 32.1 96.3





#67

Ethyl Benzene

Concen: 55.275 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

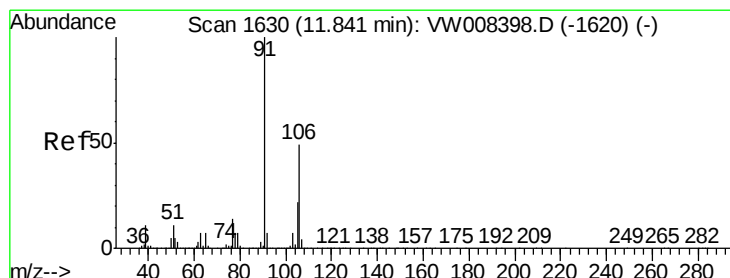
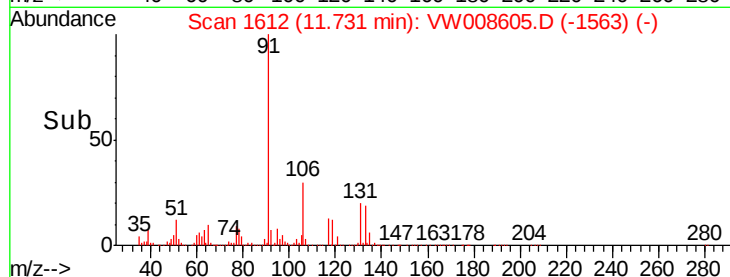
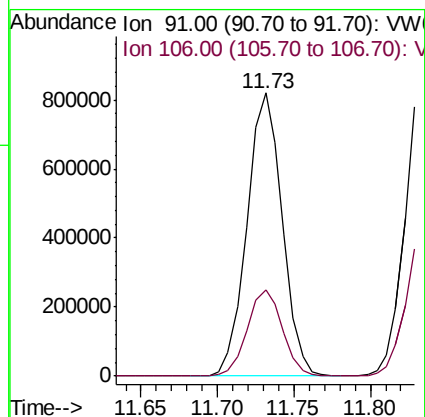
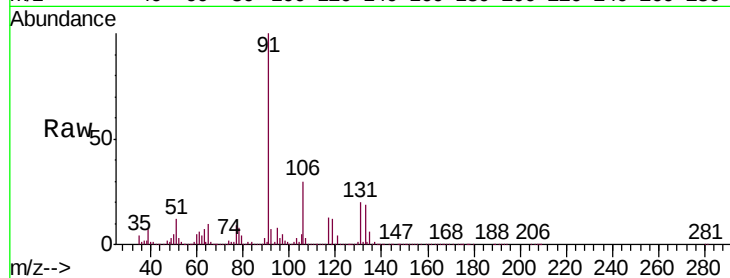
SB-10(0-5)MSD

Tgt Ion: 91 Resp: 1310063

Ion Ratio Lower Upper

91 100

106 30.4 24.7 37.1



#68

m/p-Xylenes

Concen: 109.783 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008605.D

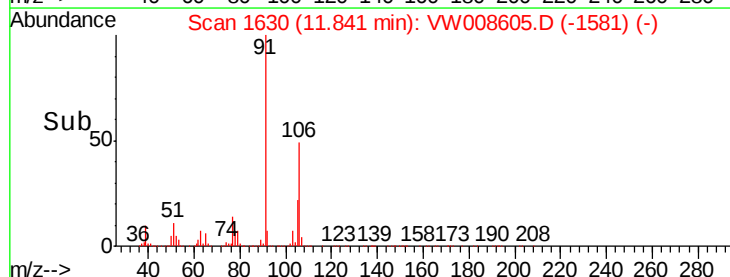
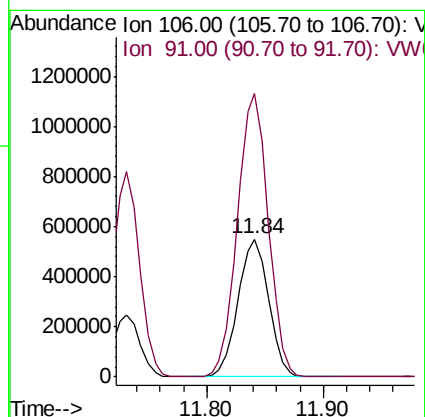
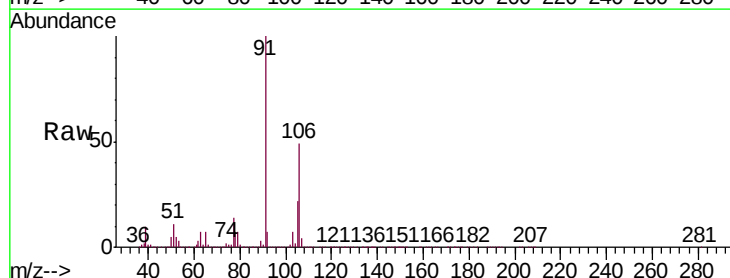
Acq: 11 Feb 2019 18:41

Tgt Ion: 106 Resp: 1009535

Ion Ratio Lower Upper

106 100

91 206.5 162.9 244.3

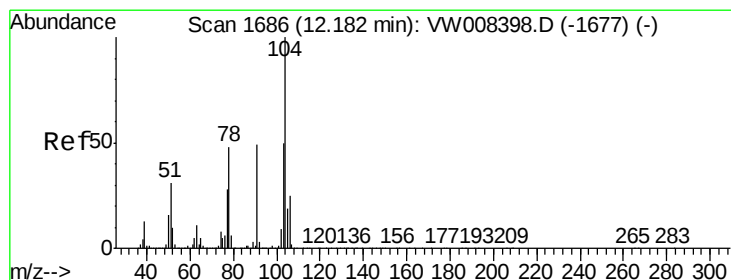
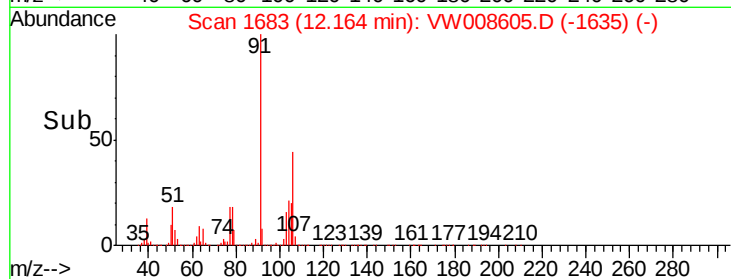
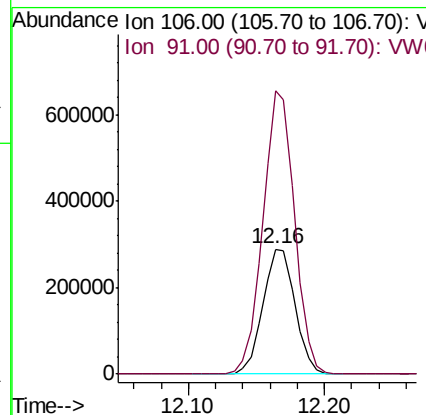
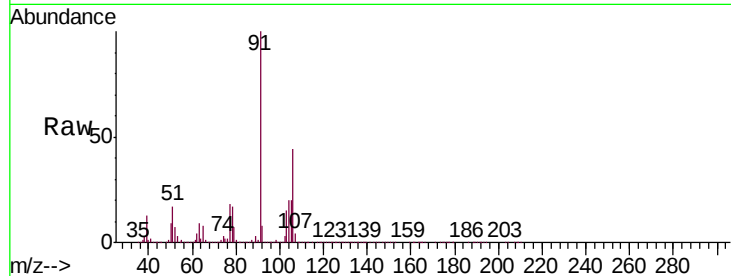




#69
o-Xylene
Concen: 54.799 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

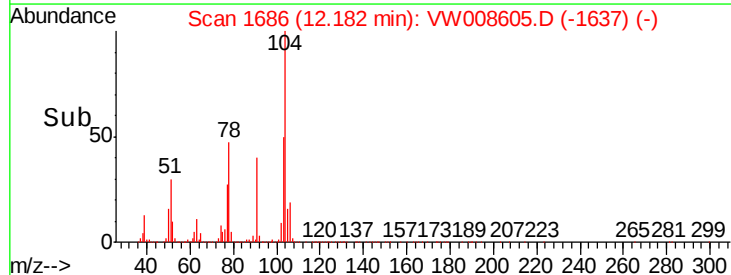
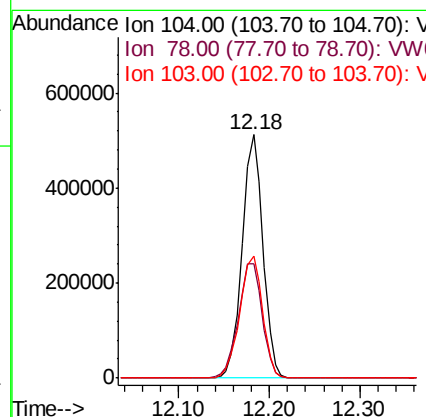
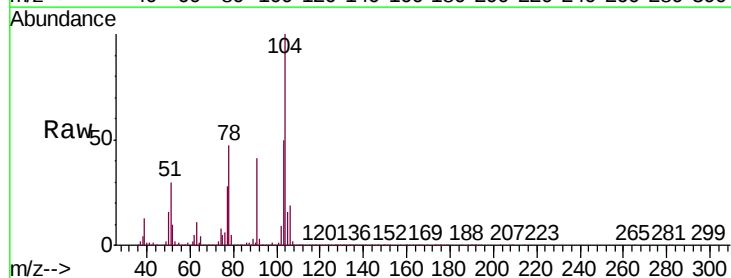
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

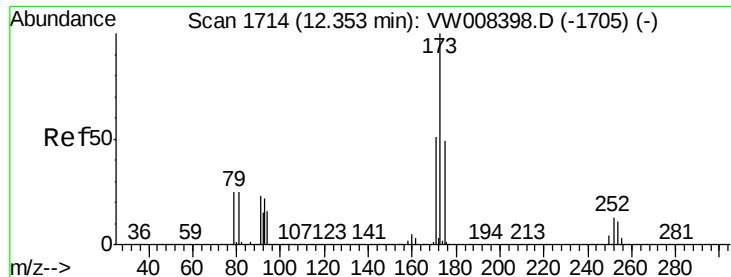
Tgt Ion:106 Resp: 478799
Ion Ratio Lower Upper
106 100
91 222.4 107.5 322.4



#70
Styrene
Concen: 56.335 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion:104 Resp: 813041
Ion Ratio Lower Upper
104 100
78 54.2 42.4 63.6
103 55.2 43.4 65.0

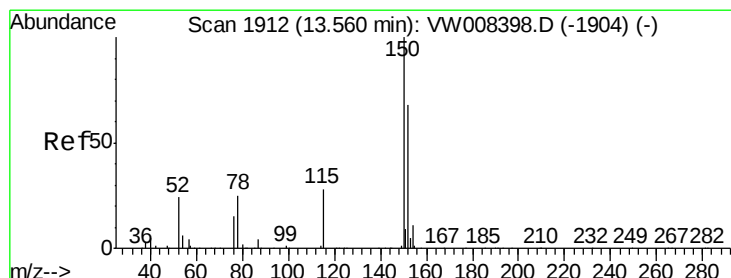
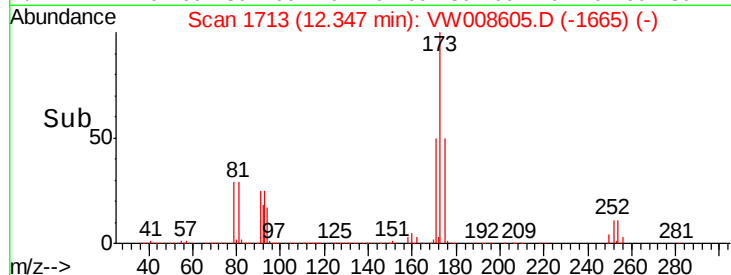
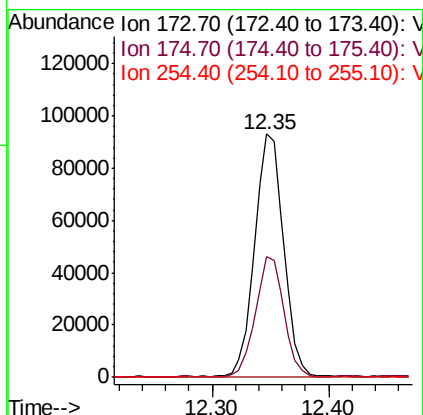
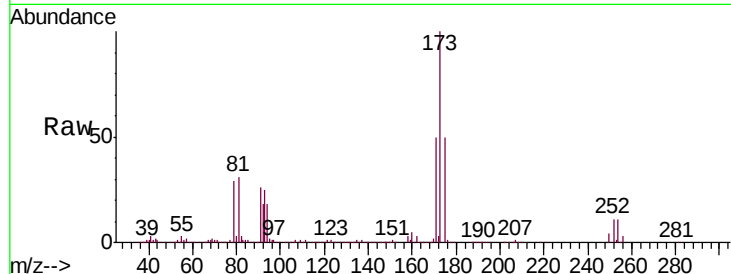




#71
Bromoform
Concen: 62.434 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

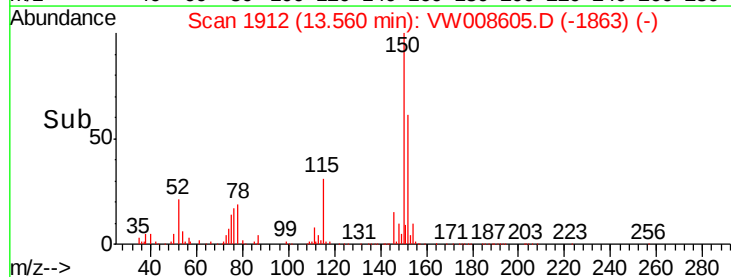
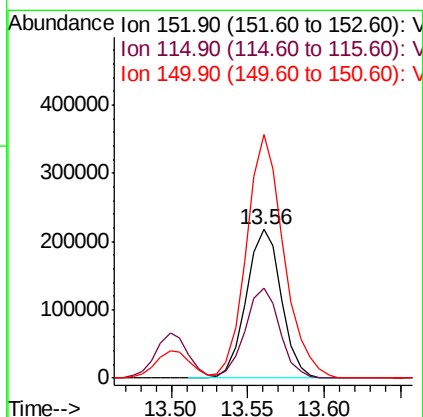
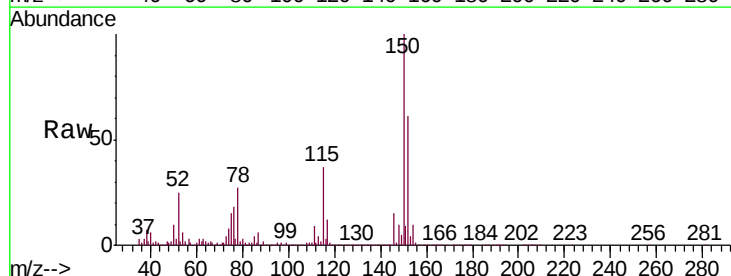
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

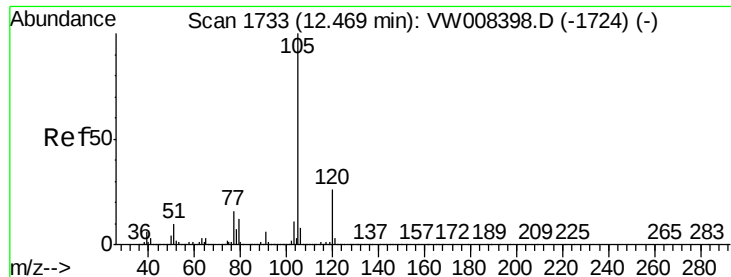
Tgt Ion:173 Resp: 162048
Ion Ratio Lower Upper
173 100
175 48.2 24.4 73.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion:152 Resp: 344316
Ion Ratio Lower Upper
152 100
115 59.7 29.9 89.7
150 175.3 0.0 351.4





#73

Isopropylbenzene

Concen: 53.298 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

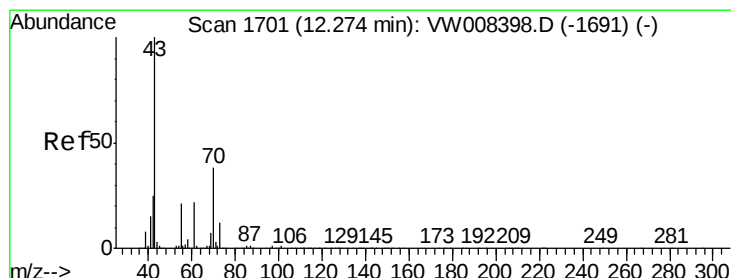
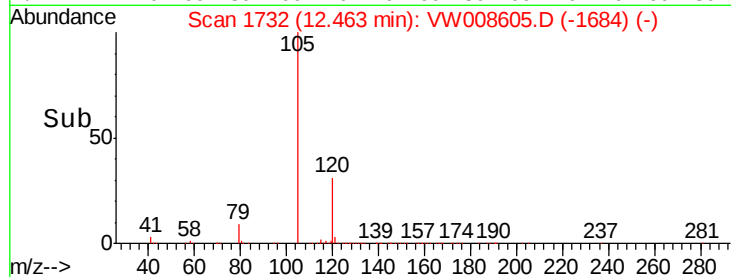
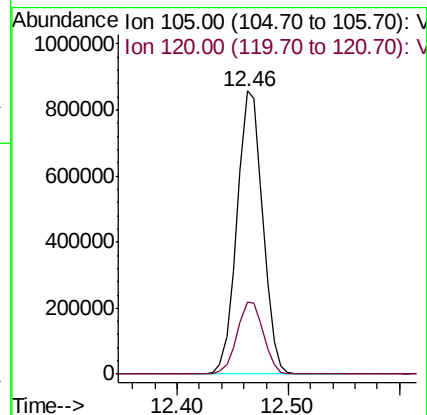
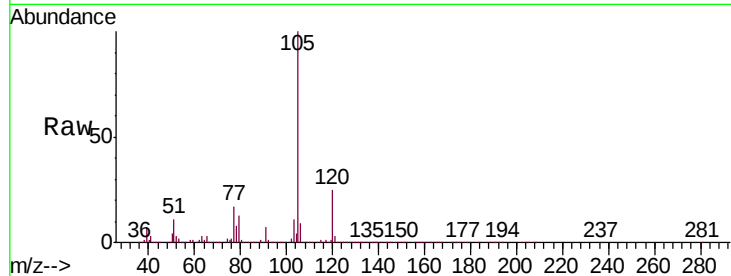
SB-10(0-5)MSD

Tgt Ion: 105 Resp: 1368131

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 50.946 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion: 43 Resp: 336902

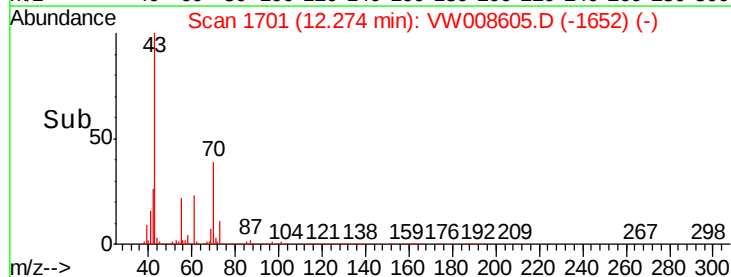
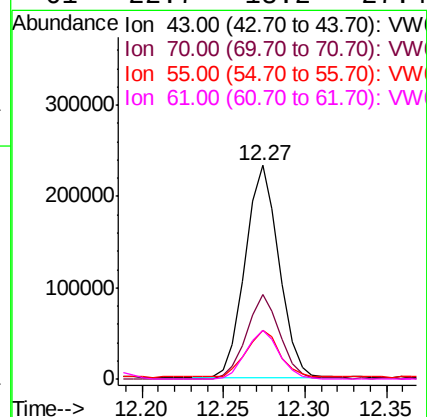
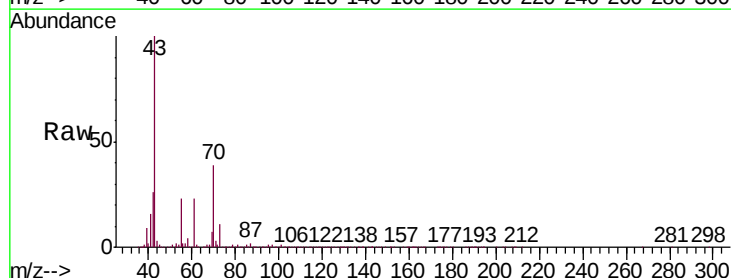
Ion Ratio Lower Upper

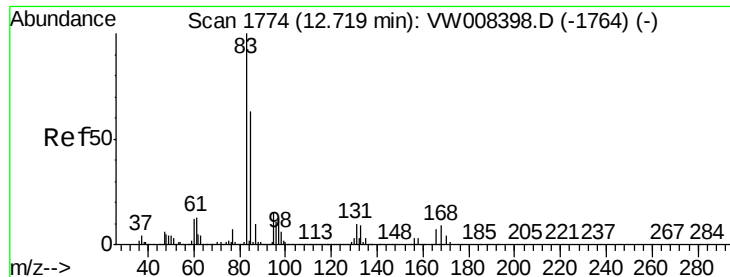
43 100

70 39.0 31.0 46.6

55 21.7 17.4 26.2

61 22.7 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 65.779 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

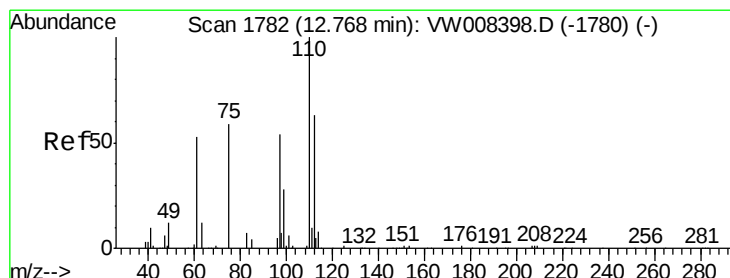
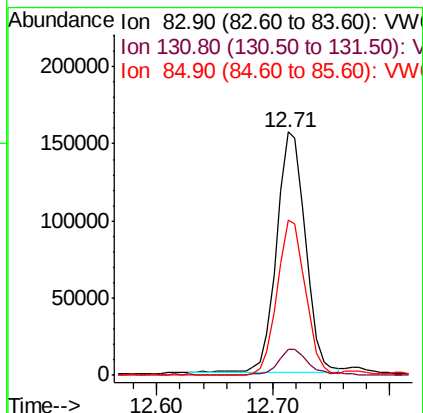
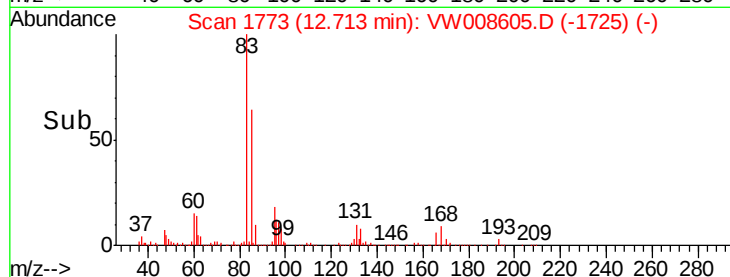
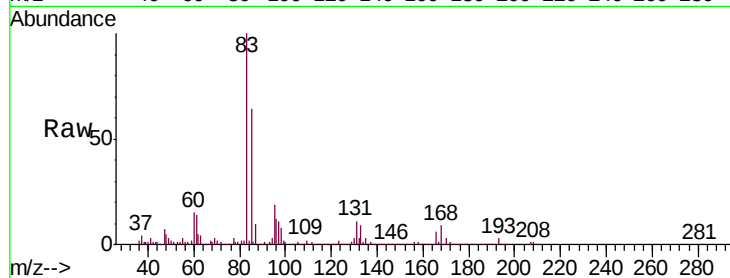
Tgt Ion: 83 Resp: 267323

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

85 62.3 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 122.433 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008605.D

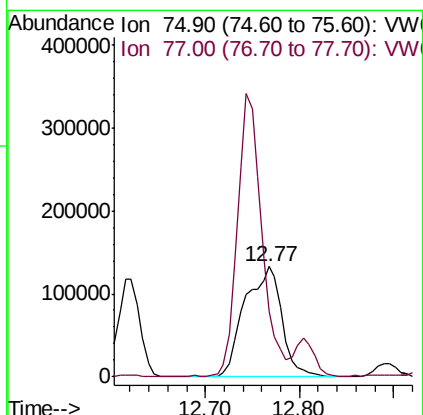
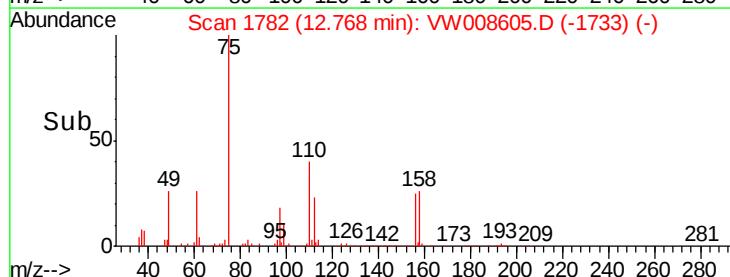
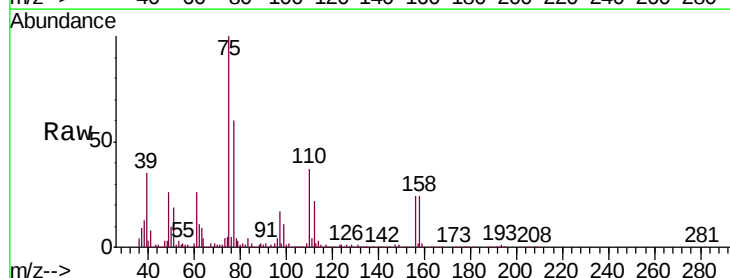
Acq: 11 Feb 2019 18:41

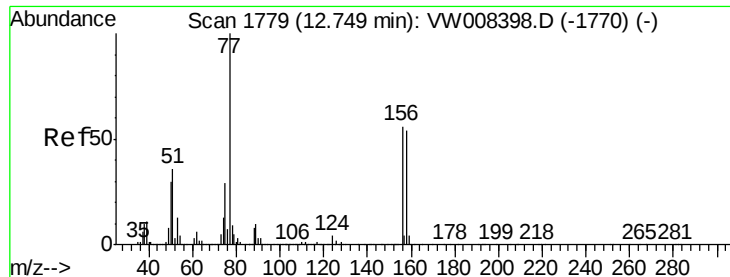
Tgt Ion: 75 Resp: 366513

Ion Ratio Lower Upper

75 100

77 0.0 180.7 542.1#





#77

Bromobenzene

Concen: 53.711 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

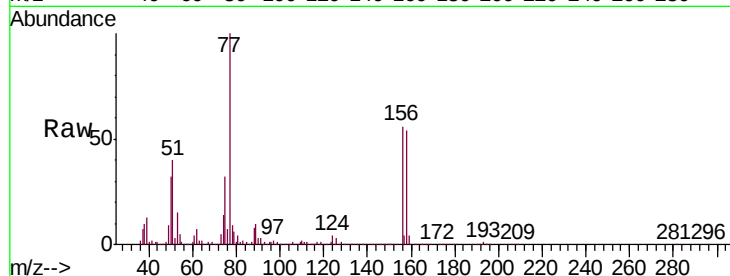
Tgt Ion:156 Resp: 301105

Ion Ratio Lower Upper

156 100

77 203.8 96.9 290.7

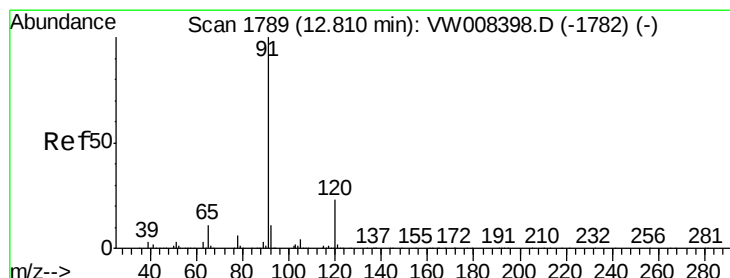
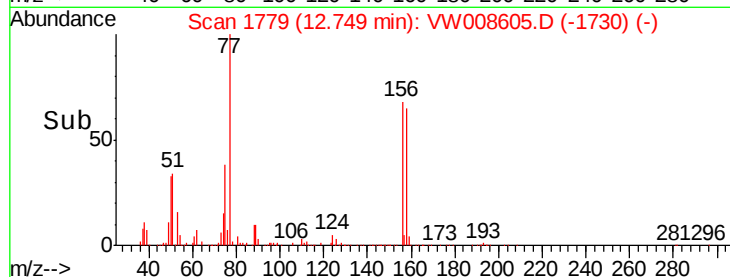
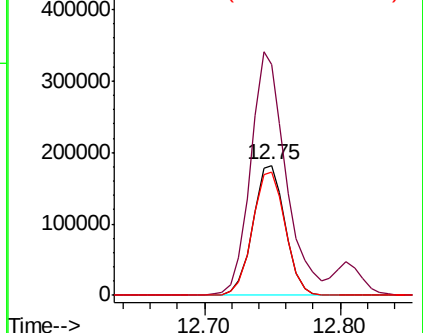
158 97.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.316 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008605.D

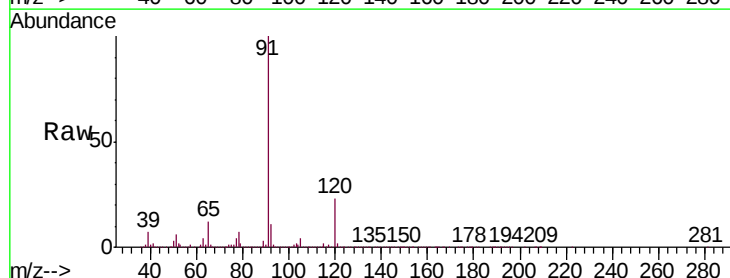
Acq: 11 Feb 2019 18:41

Tgt Ion: 91 Resp: 1612945

Ion Ratio Lower Upper

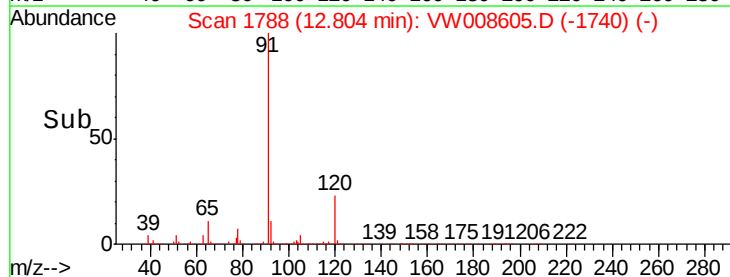
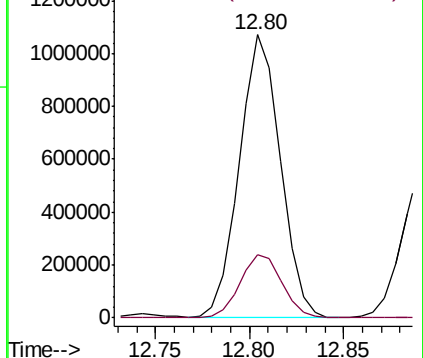
91 100

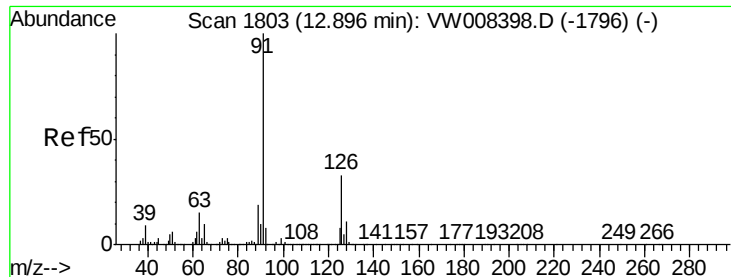
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.576 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

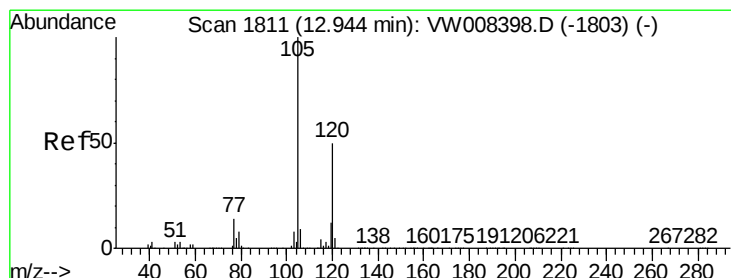
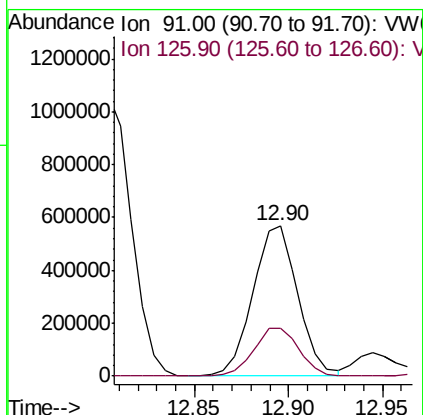
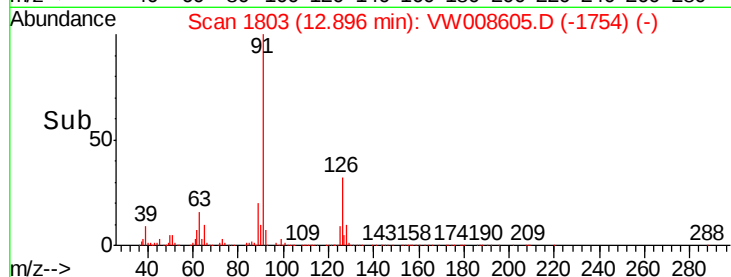
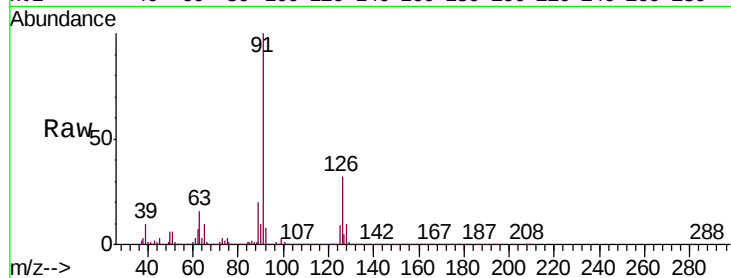
SB-10(0-5)MSD

Tgt Ion: 91 Resp: 932099

Ion Ratio Lower Upper

91 100

126 32.5 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 53.615 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008605.D

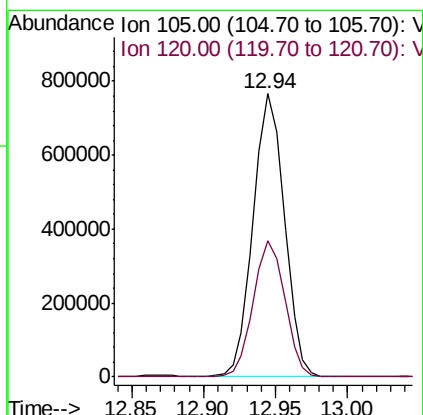
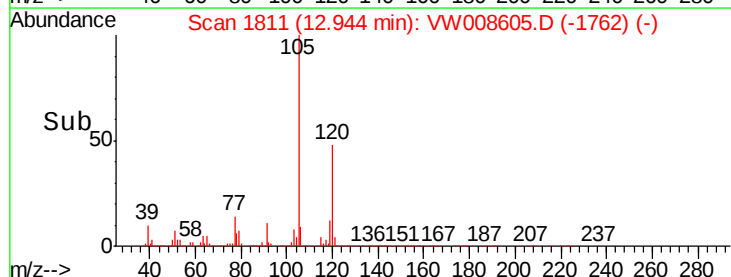
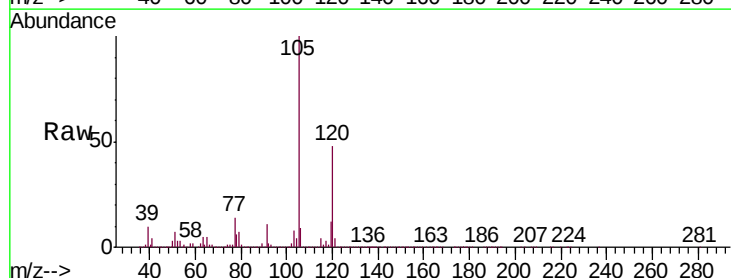
Acq: 11 Feb 2019 18:41

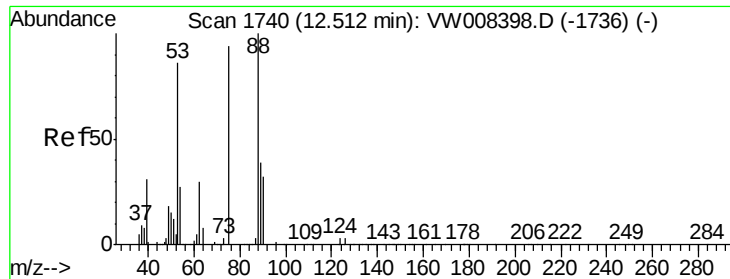
Tgt Ion: 105 Resp: 1150322

Ion Ratio Lower Upper

105 100

120 48.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 59.569 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

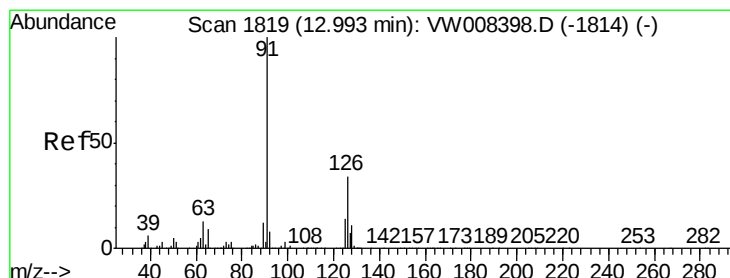
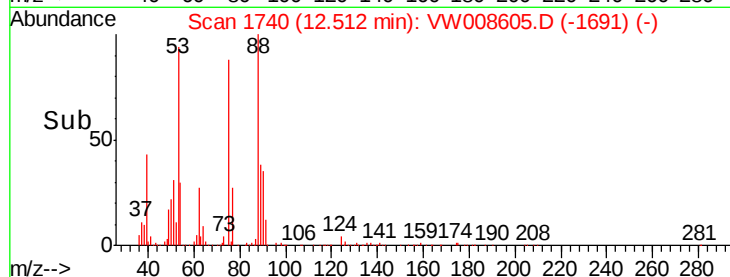
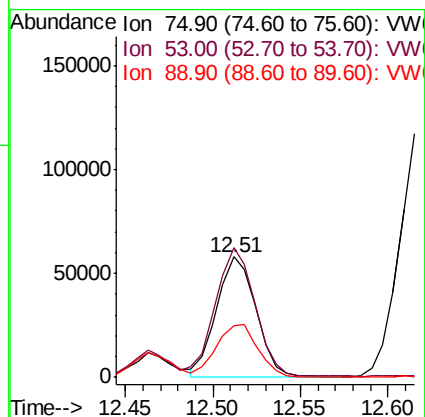
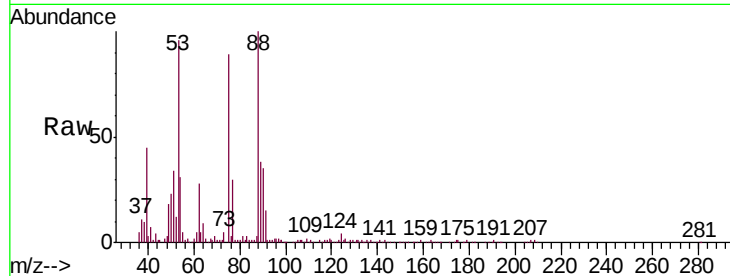
Tgt Ion: 75 Resp: 90288

Ion Ratio Lower Upper

75 100

53 107.4 76.0 114.0

89 47.3 35.4 53.0



#82

4-Chlorotoluene

Concen: 54.338 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008605.D

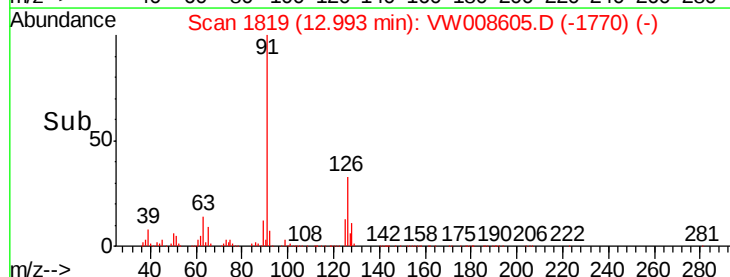
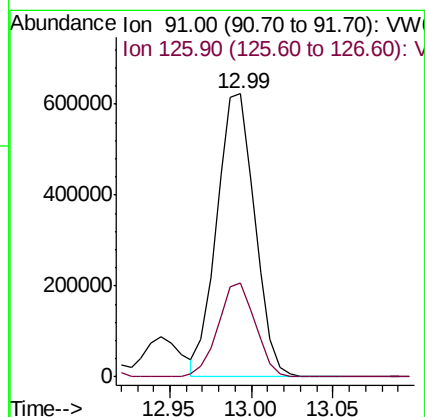
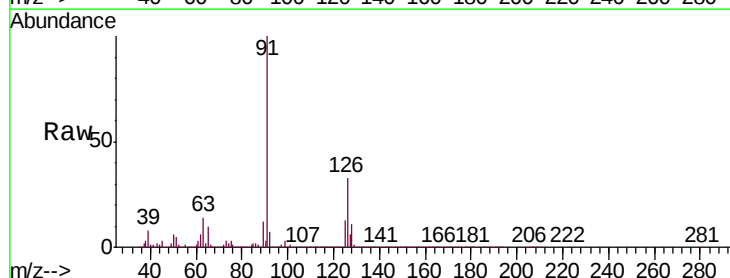
Acq: 11 Feb 2019 18:41

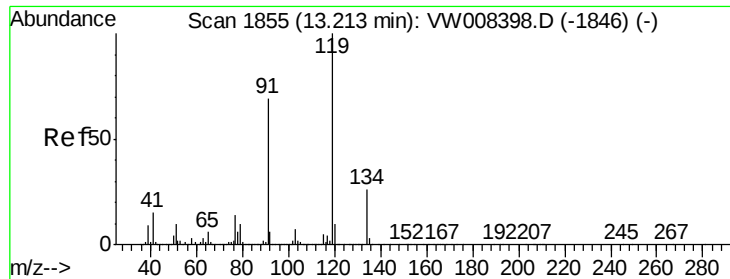
Tgt Ion: 91 Resp: 1006494

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.2

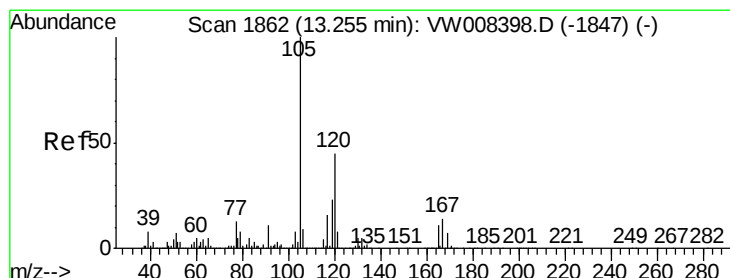
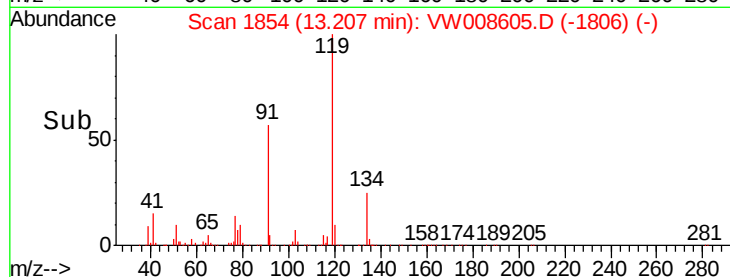
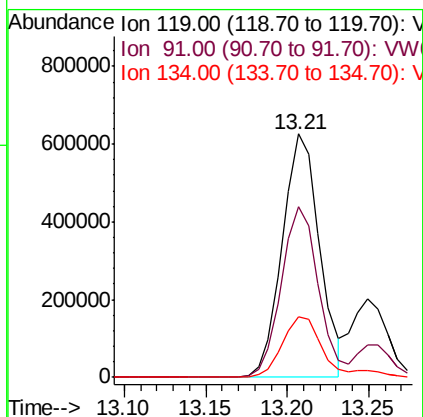
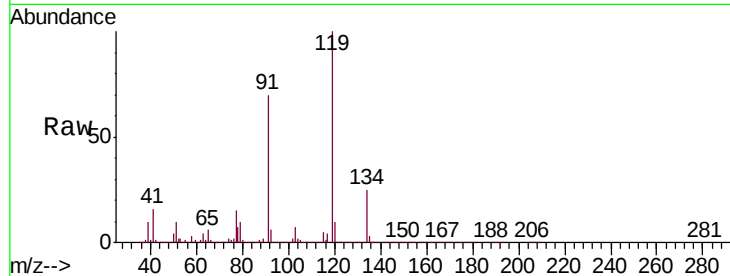




#83
tert-Butylbenzene
Concen: 51.952 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

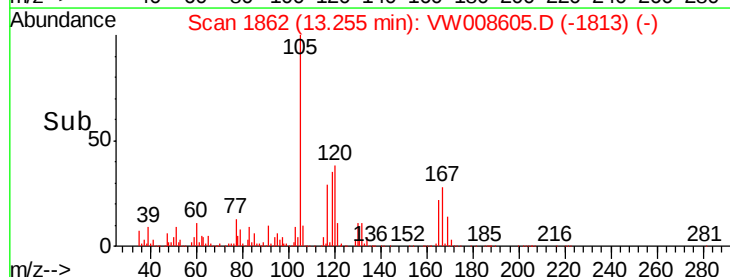
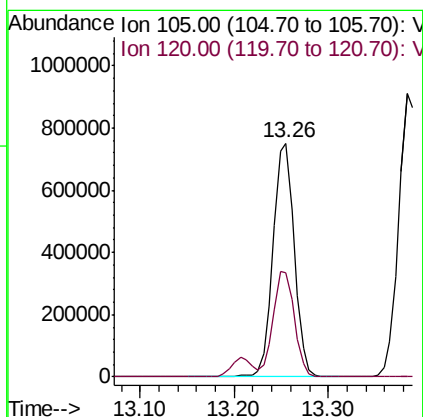
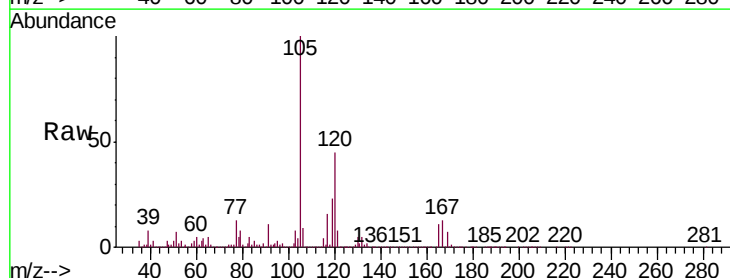
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

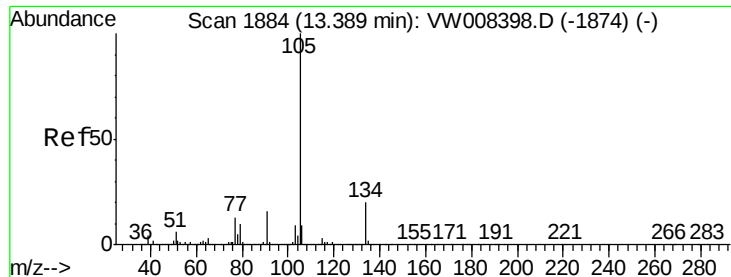
Tgt Ion:119 Resp: 991914
Ion Ratio Lower Upper
119 100
91 69.9 33.8 101.4
134 27.8 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 54.117 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion:105 Resp: 1180176
Ion Ratio Lower Upper
105 100
120 45.3 23.1 69.2

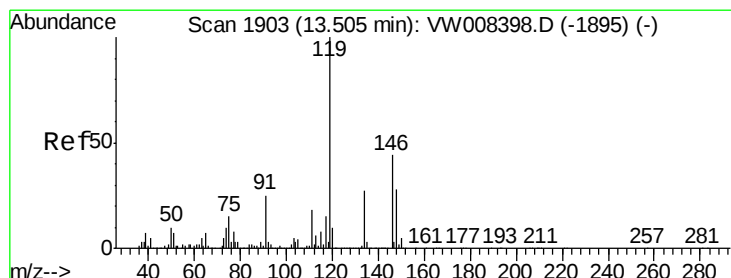
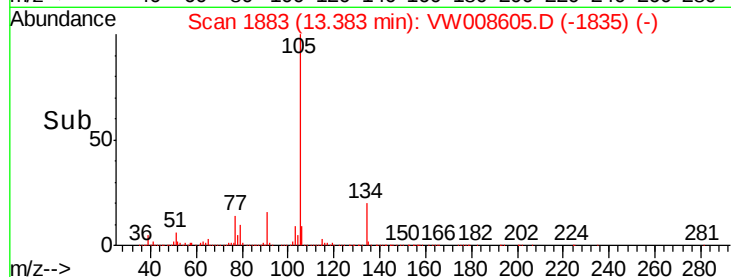
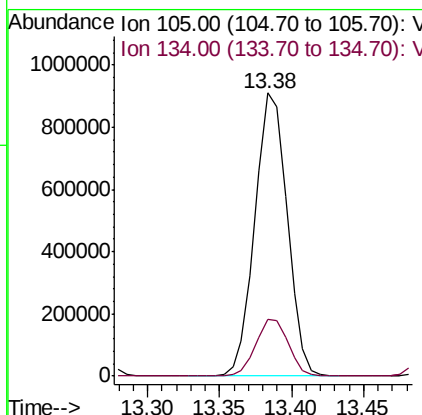
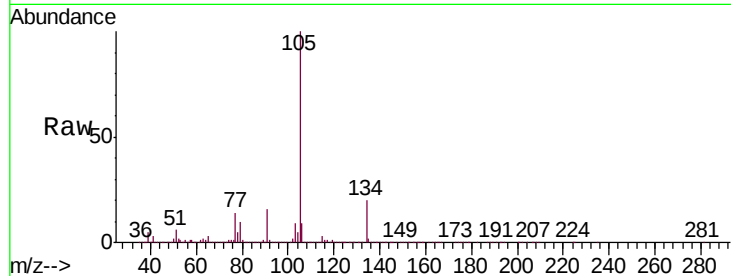




#85
 sec-Butylbenzene
 Concen: 51.737 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

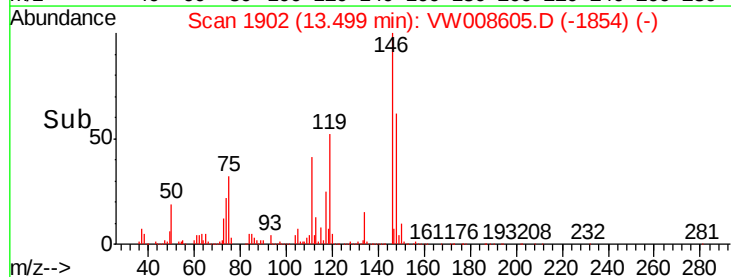
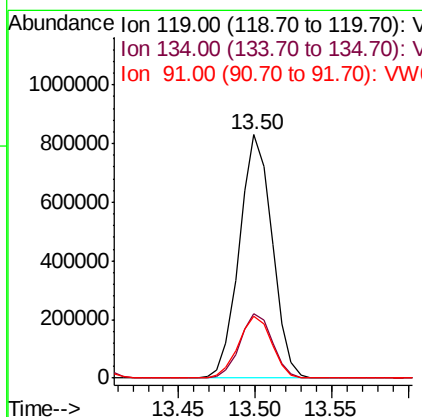
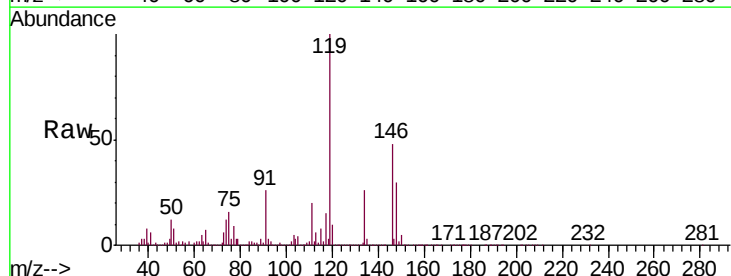
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tgt Ion:105 Resp: 1410709
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.682 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion:119 Resp: 1234404
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 25.6 12.6 37.6

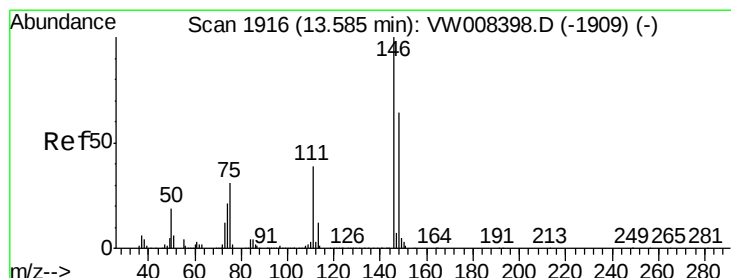
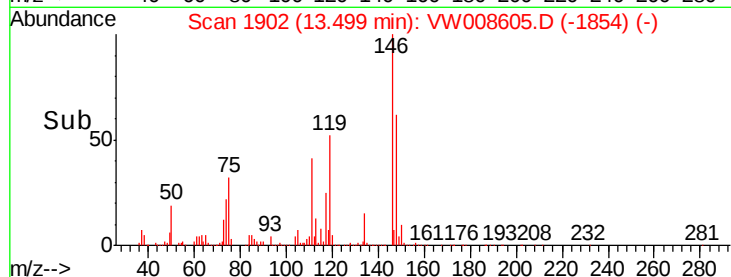
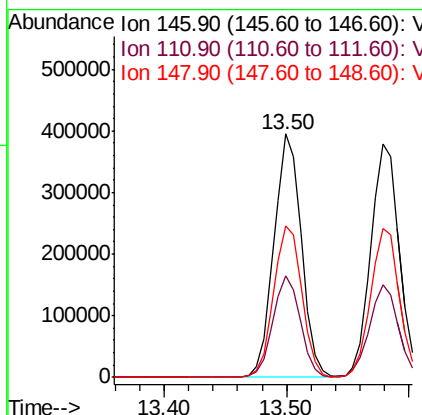
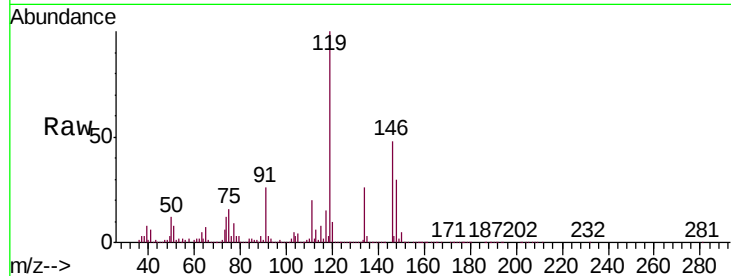




#87
 1,3-Dichlorobenzene
 Concen: 54.211 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

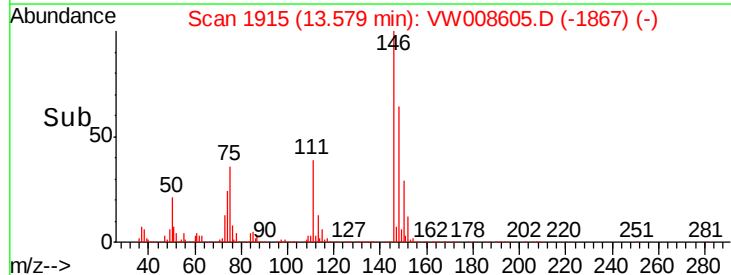
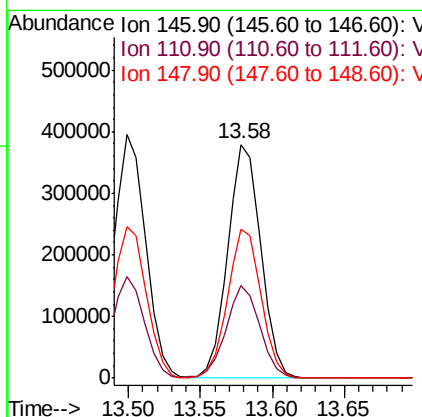
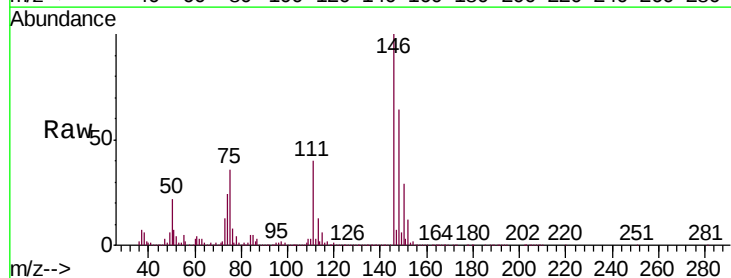
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

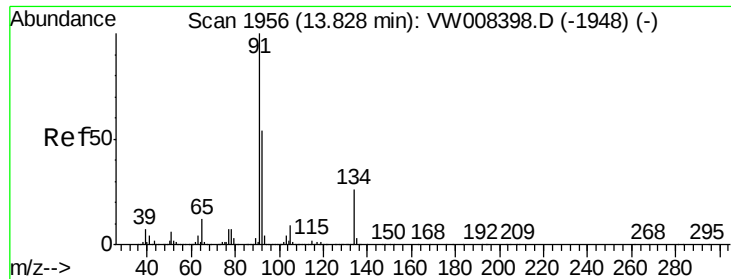
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.9
148	64.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 54.187 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	64.3	32.0	96.2

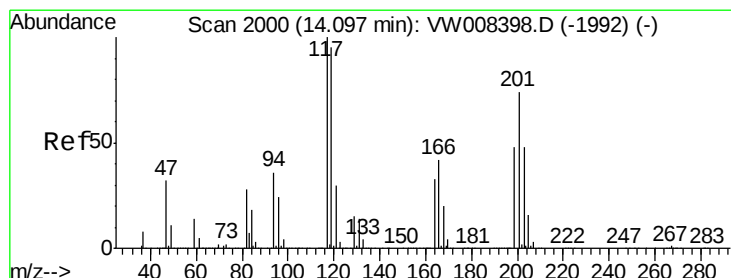
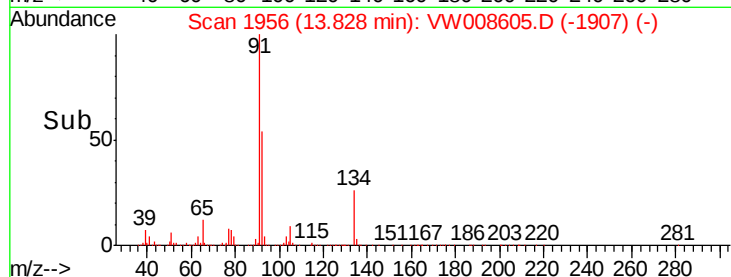
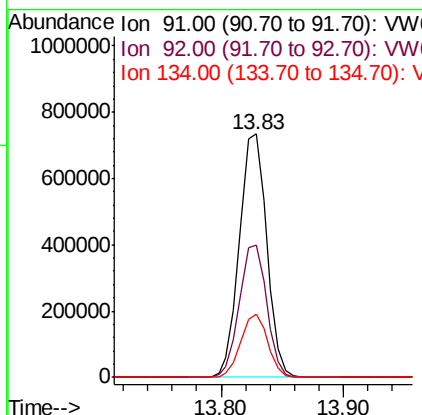
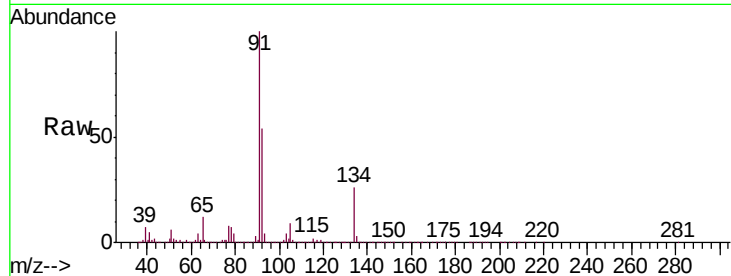




#89
n-Butylbenzene
Concen: 48.476 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

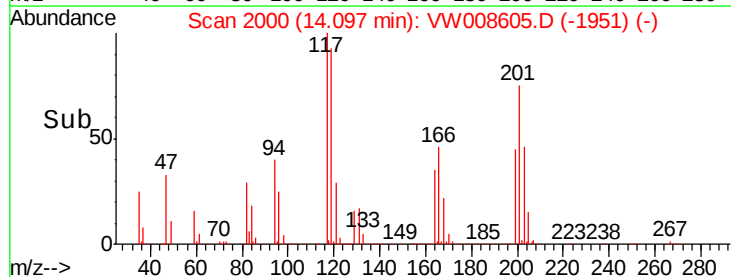
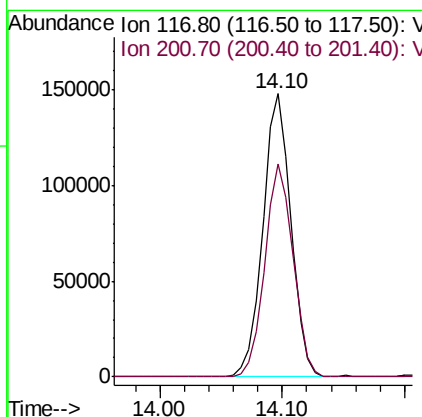
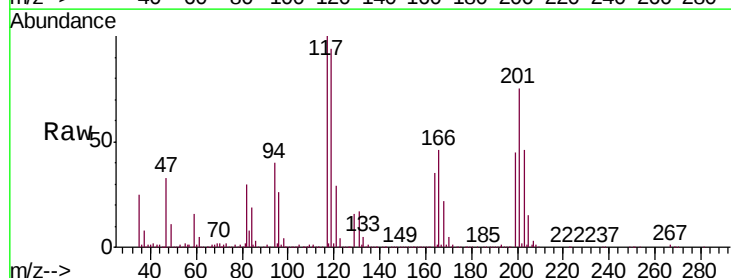
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

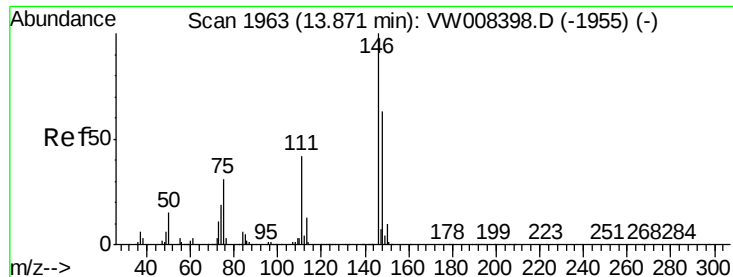
Tgt Ion: 91 Resp: 1136812
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.2
134 25.5 13.0 39.0



#90
Hexachloroethane
Concen: 50.156 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion: 117 Resp: 234272
Ion Ratio Lower Upper
117 100
201 76.2 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 55.417 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

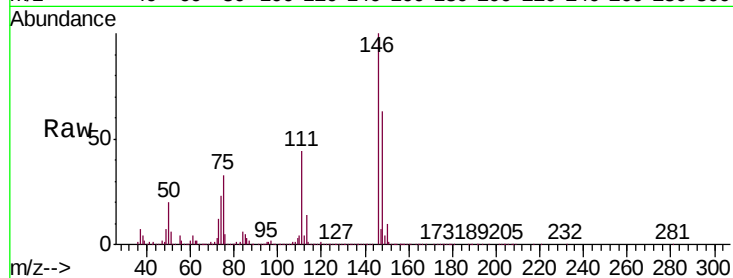
Tgt Ion:146 Resp: 555153

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.3

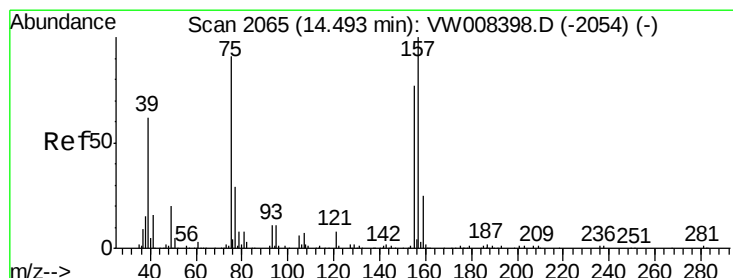
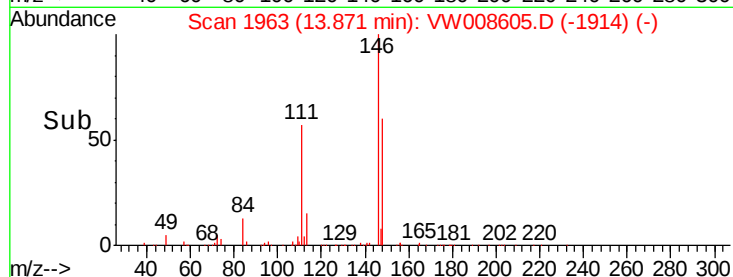
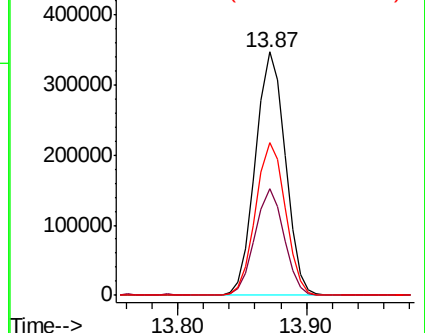
148 63.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 64.171 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

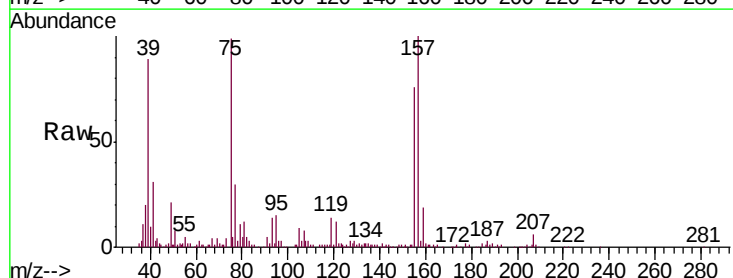
Tgt Ion: 75 Resp: 49482

Ion Ratio Lower Upper

75 100

155 82.8 42.7 128.1

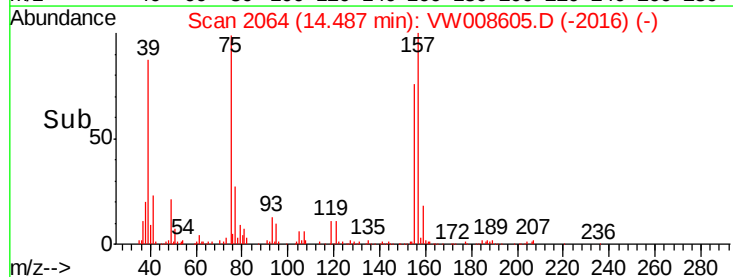
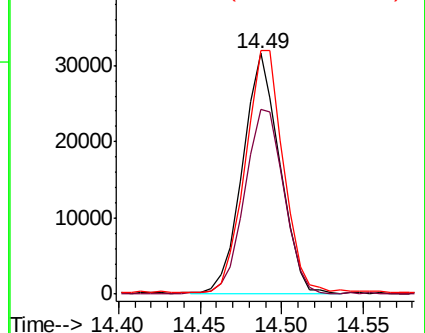
157 104.6 55.5 166.3

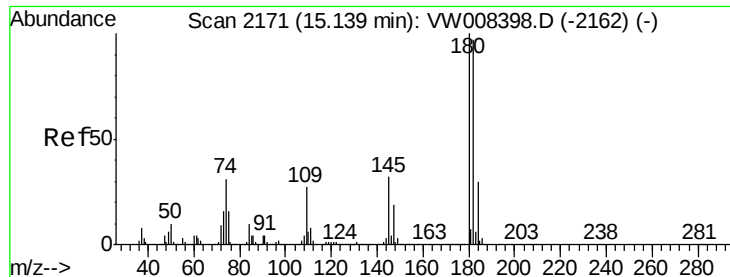


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

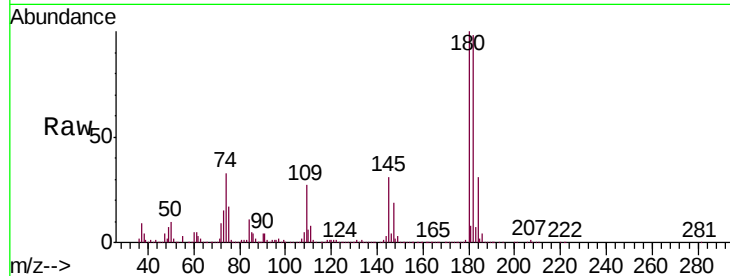




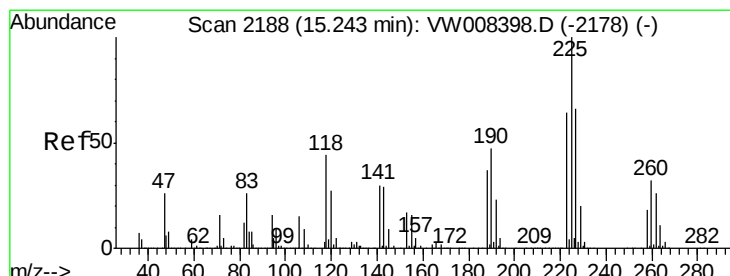
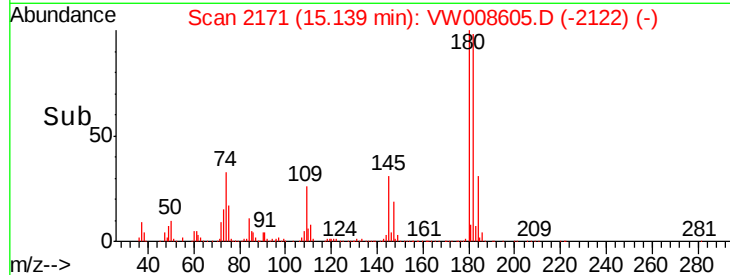
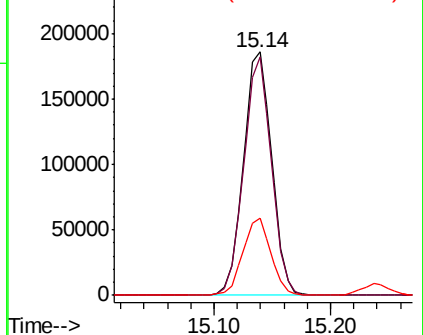
#93
 1,2,4-Trichlorobenzene
 Concen: 44.137 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	31.3	15.5	46.5

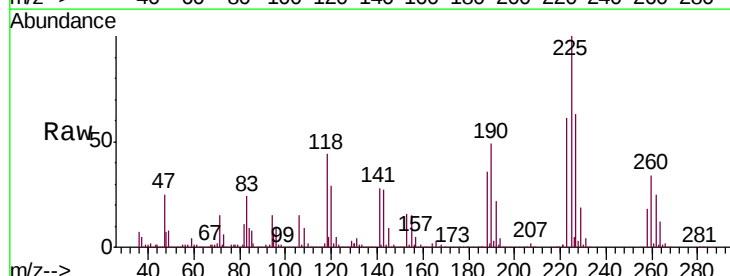


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

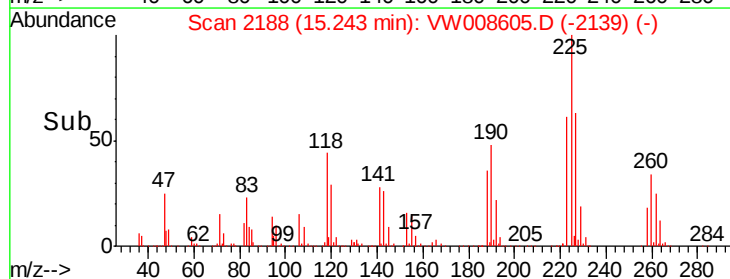
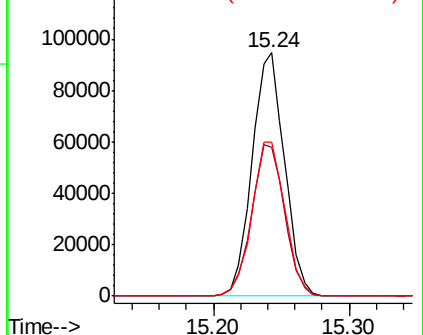


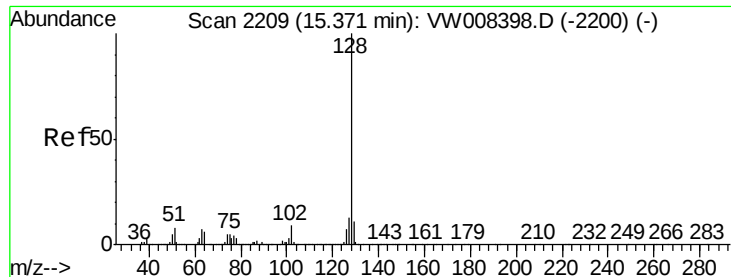
#94
 Hexachlorobutadiene
 Concen: 36.712 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.7	95.1
227	64.5	32.1	96.3



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

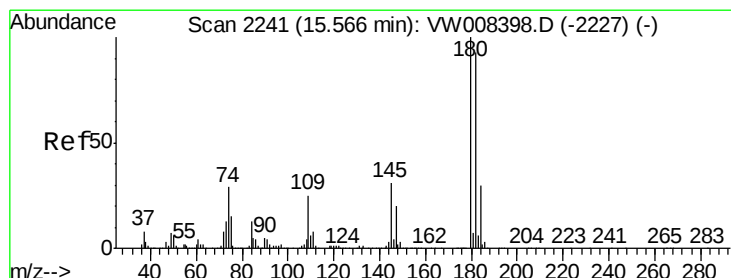
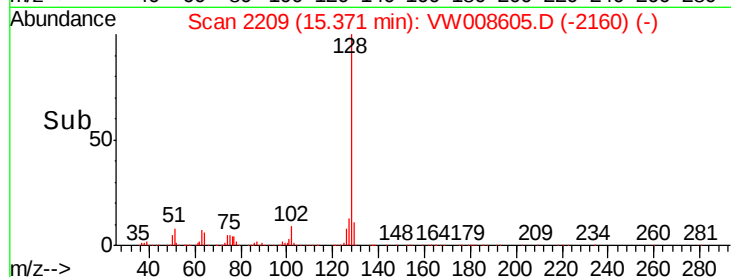
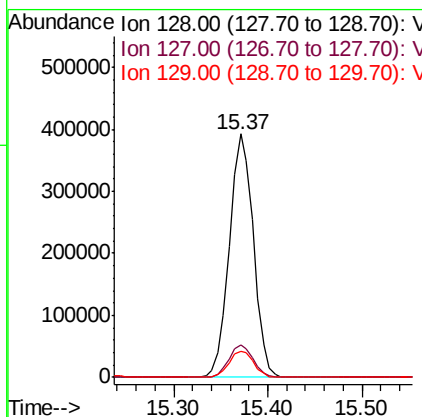
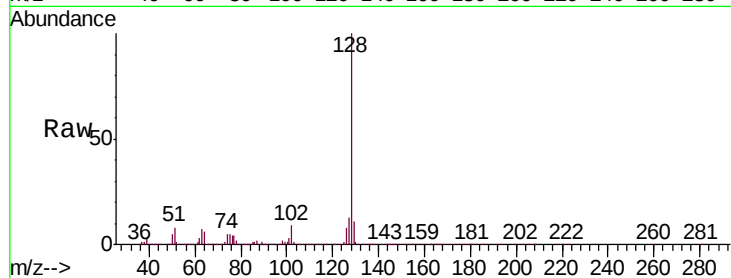




#95
Naphthalene
Concen: 55.091 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.355 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.2
145	33.6	15.9	47.6

