

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010060.D
 Acq On : 19 Apr 2019 11:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 03:51:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 02:07:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	723667	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	677104	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	337952	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	162772	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
7) Chloroethane-d5	2.89	69	135902	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.48%
10) 1,1-Dichloroethene-d2	4.01	63	463904	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.84%
20) 2-Butanone-d5	7.07	46	164825	44.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.10%
24) Chloroform-d	7.64	84	445358	21.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	8.30	65	265032	20.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.68%
29) Benzene-d6	8.27	84	851808	22.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.56%
33) 1,2-Dichloropropane-d6	9.27	67	263611	22.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.96%
37) Toluene-d8	10.32	98	783148	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.28%
38) trans-1,3-Dichloropropene-	10.57	79	126616	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.12%
39) 2-Hexanone-d5	10.93	63	130407	49.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	242696	21.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	271574	21.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	267527	26.349	ug/L 98
3) Chloromethane	2.21	50	218126	23.570	ug/L 99
5) Vinyl chloride	2.37	62	244708	28.110	ug/L 99
6) Bromomethane	2.78	94	147958	23.014	ug/L 99
8) Chloroethane	2.92	64	150354	24.058	ug/L 93
9) Trichlorofluoromethane	3.25	101	130914	18.266	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	247488	26.522	ug/L 95
12) 1,1-Dichloroethene	4.03	96	244200	27.951	ug/L 94
13) Acetone	4.12	43	170029	51.686	ug/L 99
14) Carbon disulfide	4.37	76	707550	28.569	ug/L 98
15) Methyl Acetate	4.66	43	162912	24.537	ug/L 100
16) Methylene chloride	4.91	84	270902	20.675	ug/L 94
17) Methyl tert-butyl Ether	5.42	73	326758	25.555	ug/L 98
18) trans-1,2-Dichloroethene	5.41	96	257339	26.026	ug/L 96
19) 1,1-Dichloroethane	6.20	63	504899	25.618	ug/L 99
21) 2-Butanone	7.17	43	241679	56.105	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	278439	25.949	ug/L 95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010060.D
 Acq On : 19 Apr 2019 11:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 03:51:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 02:07:51 2019
 Response via : Initial Calibration

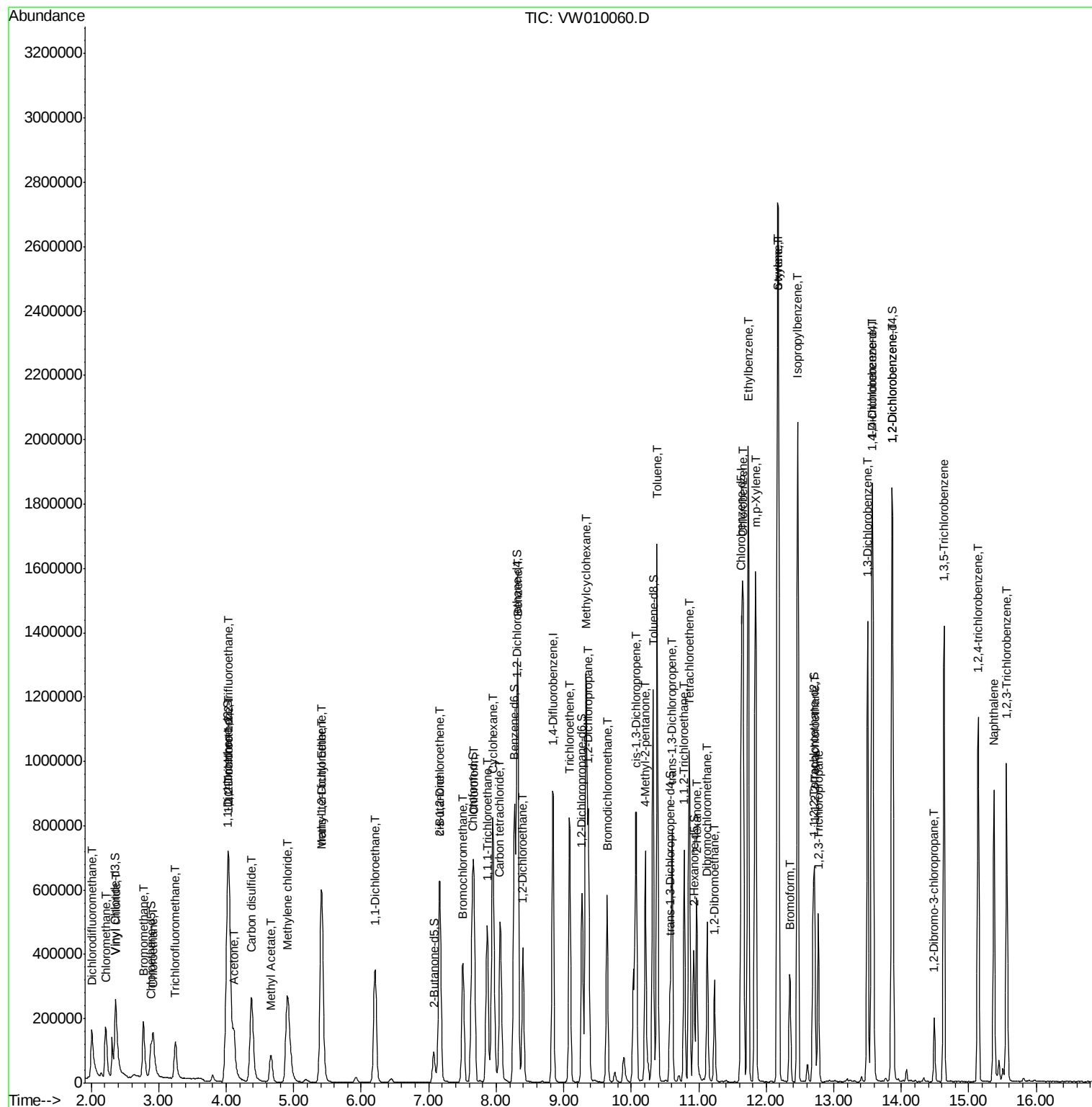
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	123962	24.806	ug/L	97
25) Chloroform	7.67	83	502885	24.936	ug/L	99
27) 1,2-Dichloroethane	8.40	62	380021	24.476	ug/L	99
30) Cyclohexane	7.95	56	466517	30.485	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	375588	26.561	ug/L	99
32) Carbon tetrachloride	8.06	117	383171	27.598	ug/L	99
34) Benzene	8.32	78	1091316	27.360	ug/L	100
35) Trichloroethene	9.09	95	280518	27.048	ug/L	99
36) Methylcyclohexane	9.33	83	488307	29.305	ug/L	99
40) 1,2-Dichloropropane	9.37	63	279724	26.516	ug/L	99
41) Bromodichloromethane	9.64	83	368832	25.610	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	447897	27.540	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	482755	55.565	ug/L	98
44) Toluene	10.38	91	1178661	27.854	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	389518	27.125	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	212011	25.770	ug/L	99
47) Tetrachloroethene	10.86	164	217503	26.848	ug/L	99
49) 2-Hexanone	10.97	43	374234	60.632	ug/L	99
50) Dibromochloromethane	11.13	129	248331	25.429	ug/L	98
51) 1,2-Dibromoethane	11.23	107	208039	25.833	ug/L	100
52) Chlorobenzene	11.66	112	723145	26.189	ug/L	98
53) Ethylbenzene	11.73	91	1323832	27.990	ug/L	99
54) m,p-Xylene	11.84	106	494501	28.583	ug/L	98
55) o-xylene	12.16	106	460363	27.745	ug/L	99
56) Styrene	12.18	104	814110	28.027	ug/L	99
57) Isopropylbenzene	12.46	105	1276123	28.874	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	282071	26.063	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	213787	26.395	ug/L	100
62) Bromoform	12.35	173	146075	24.613	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	541291	26.509	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	562587	25.640	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	515043	25.708	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	50110	24.716	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	405376	27.104	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	332586	27.145	ug/L	99
69) Naphthalene	15.37	128	738499	28.084	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	319006	27.288	ug/L	99

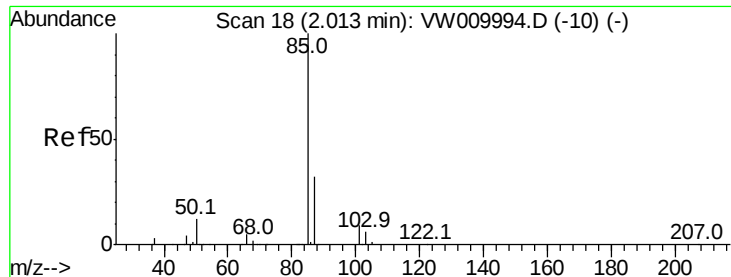
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010060.D
Acq On : 19 Apr 2019 11:20
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Apr 20 03:51:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 17 02:07:51 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 26.349 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

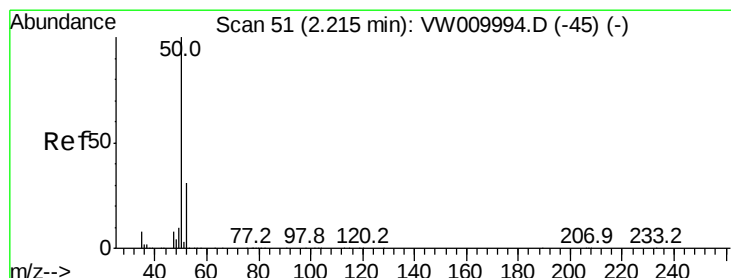
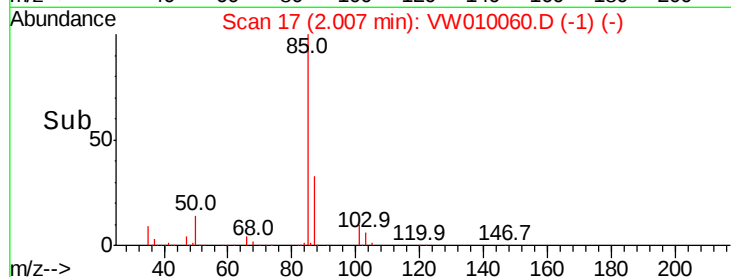
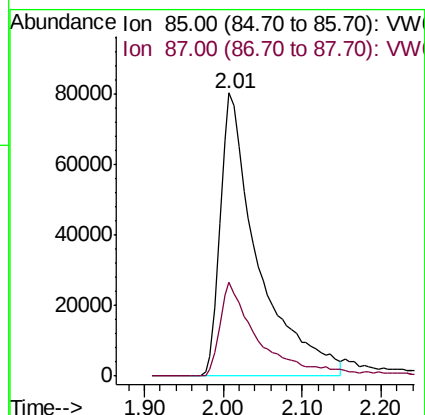
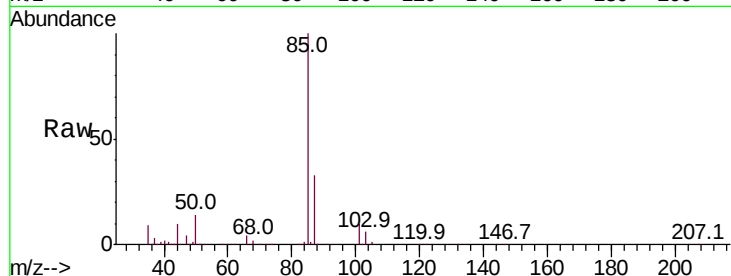
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 85 Resp: 267527

Ion Ratio Lower Upper

85 100

87 31.1 22.7 42.1



#3

Chloromethane

Concen: 23.570 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW010060.D

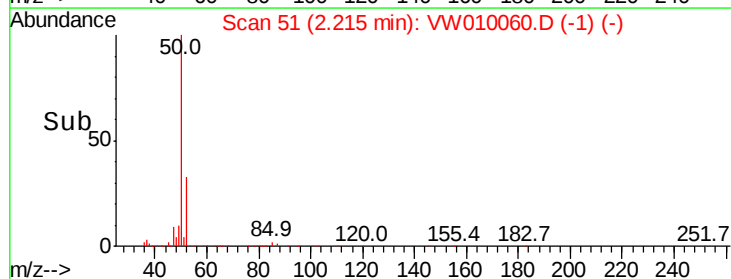
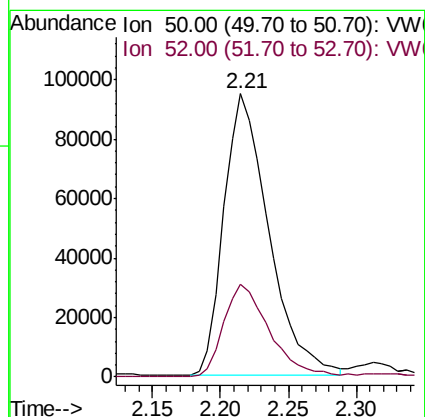
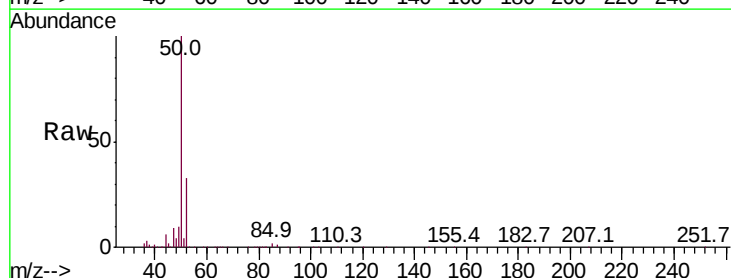
Acq: 19 Apr 2019 11:20

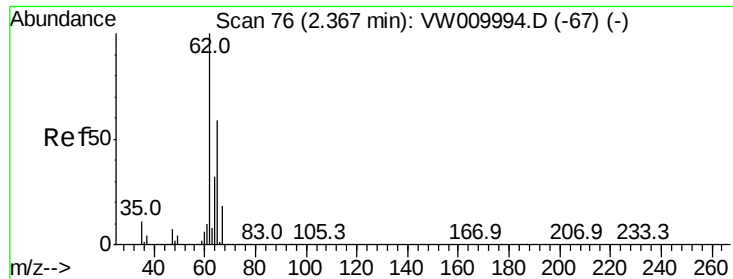
Tgt Ion: 50 Resp: 218126

Ion Ratio Lower Upper

50 100

52 32.8 22.7 42.1





#5

Vinyl chloride

Concen: 28.110 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

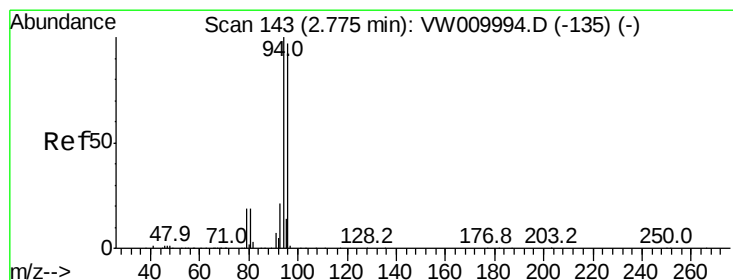
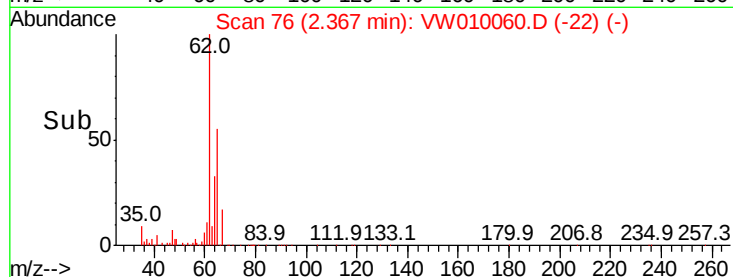
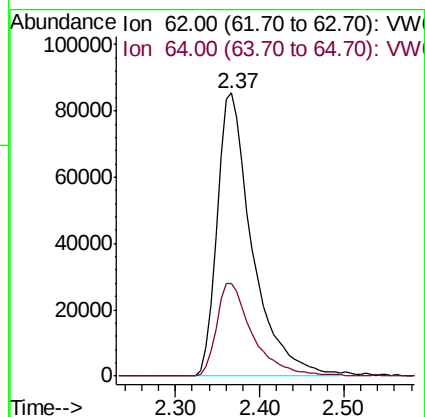
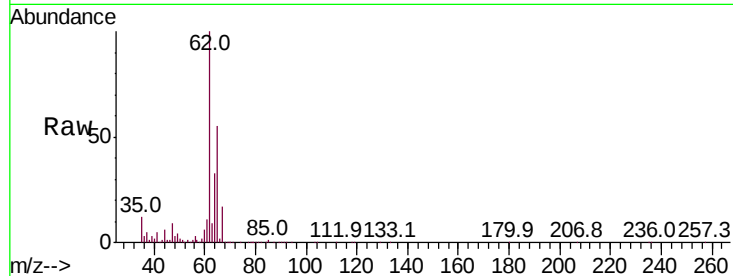
ClientSampled :

Tot Ion: 62 Resp: 244708

Ion Ratio Lower Upper

62 100

64 32.8 23.3 43.3



#6

Bromomethane

Concen: 23.014 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010060.D

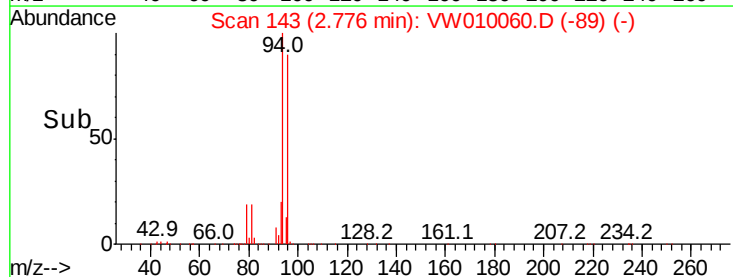
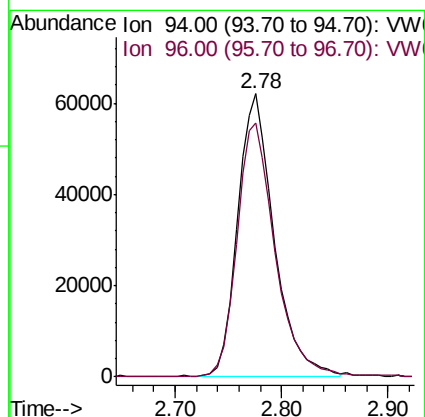
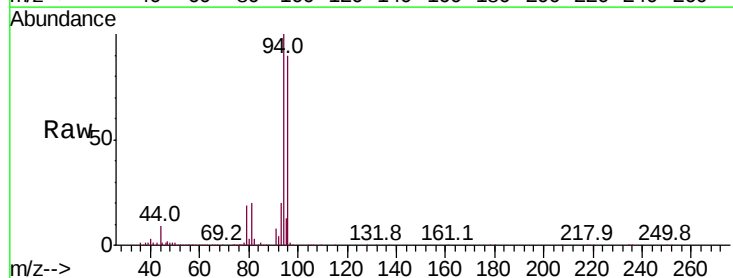
Acq: 19 Apr 2019 11:20

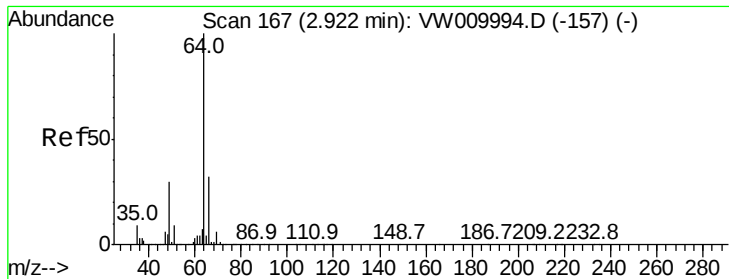
Tgt Ion: 94 Resp: 147958

Ion Ratio Lower Upper

94 100

96 94.0 9.5 180.3





#8

Chloroethane

Concen: 24.058 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

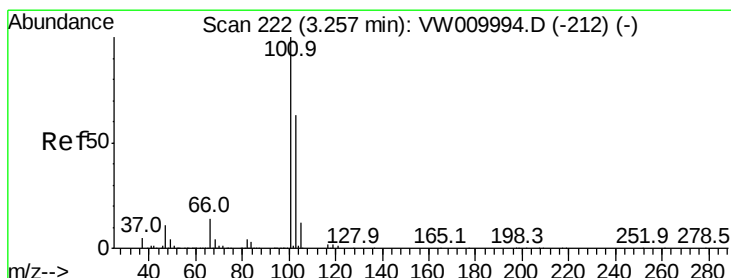
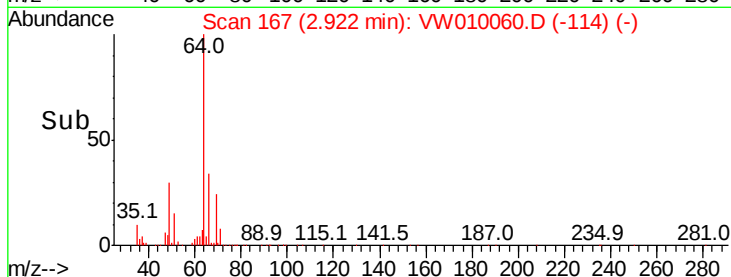
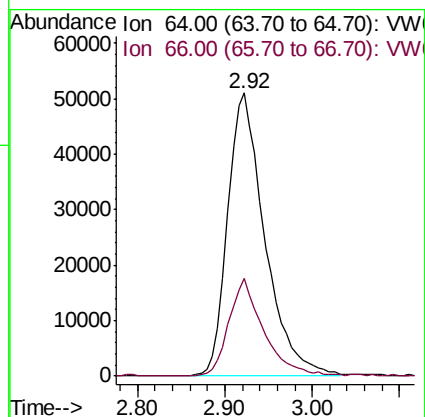
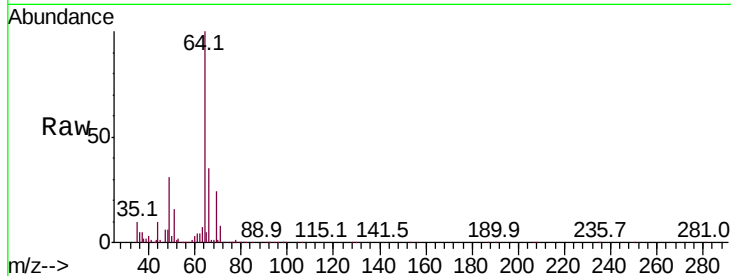
ClientSampleId :

Tot Ion: 64 Resp: 150354

Ion Ratio Lower Upper

64 100

66 34.6 21.7 40.3



#9

Trichlorofluoromethane

Concen: 18.266 ug/L

RT: 3.25 min Scan# 220

Delta R.T. -0.01 min

Lab File: VW010060.D

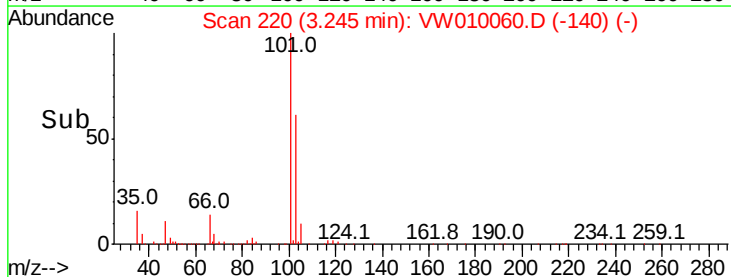
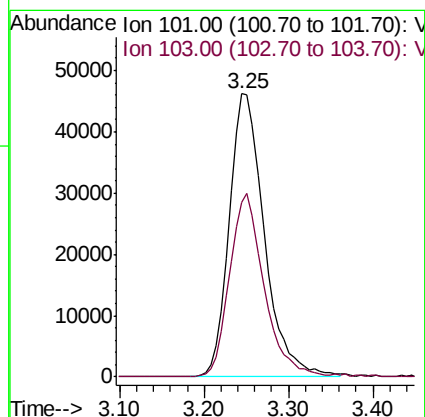
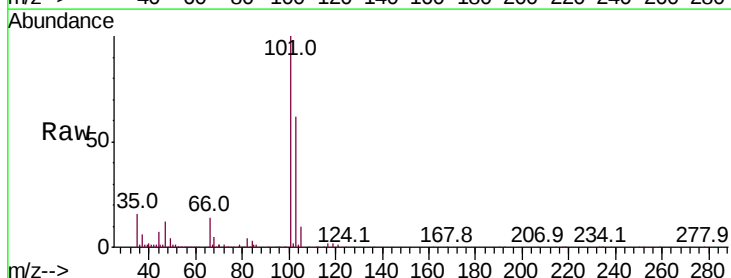
Acq: 19 Apr 2019 11:20

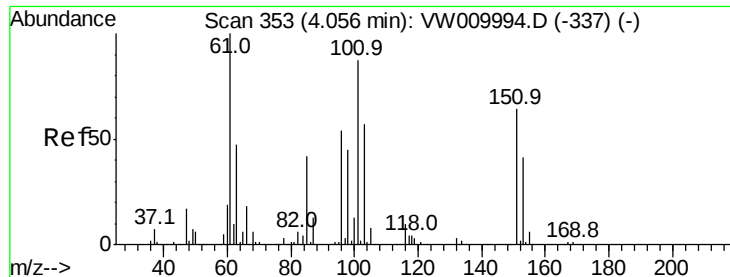
Tgt Ion: 101 Resp: 130914

Ion Ratio Lower Upper

101 100

103 63.6 44.5 82.7





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.522 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

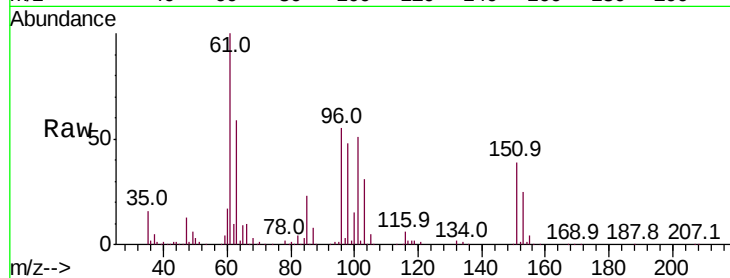
Tot Ion:101 Resp: 247488

Ion Ratio Lower Upper

101 100

85 41.4 37.0 55.4

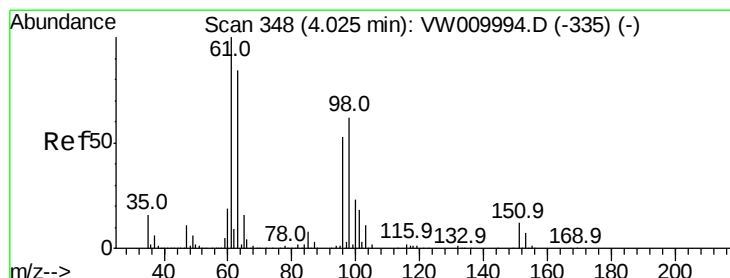
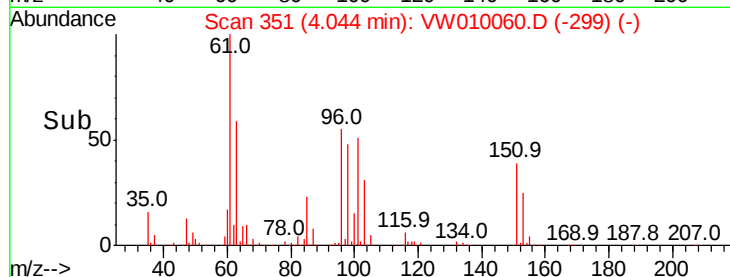
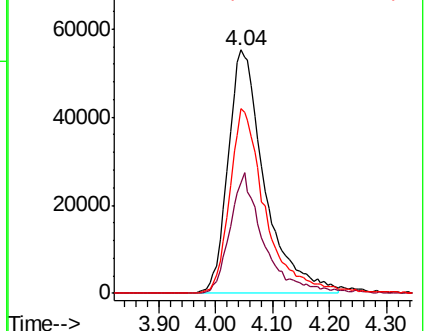
151 69.4 58.2 87.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 27.951 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

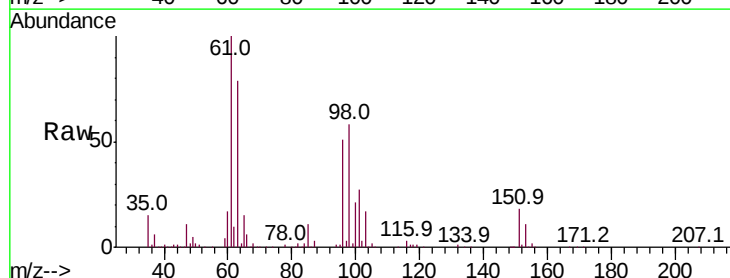
Tgt Ion: 96 Resp: 244200

Ion Ratio Lower Upper

96 100

61 194.9 131.2 243.6

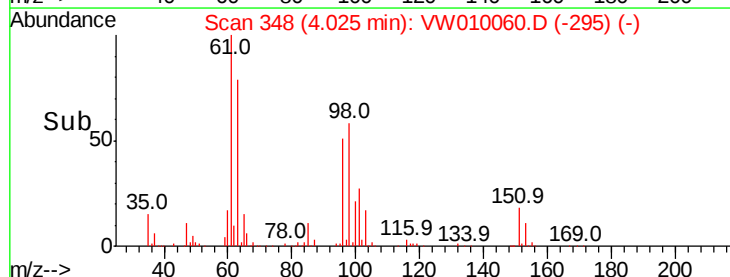
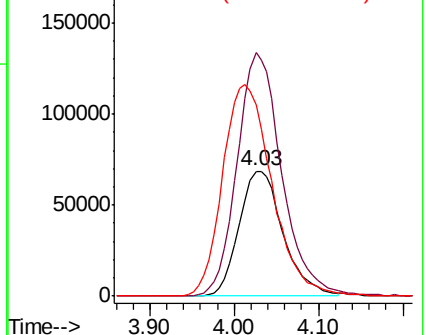
63 153.3 113.9 211.5

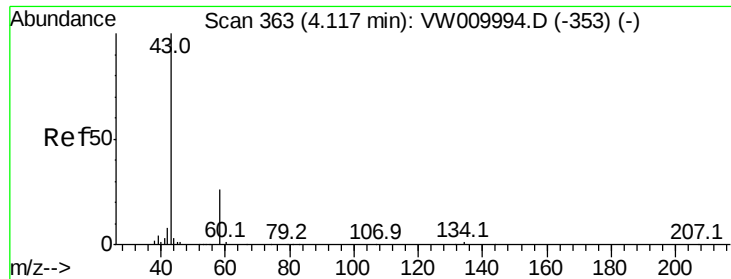


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 51.686 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

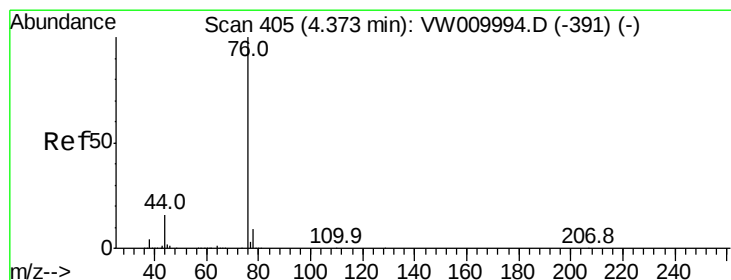
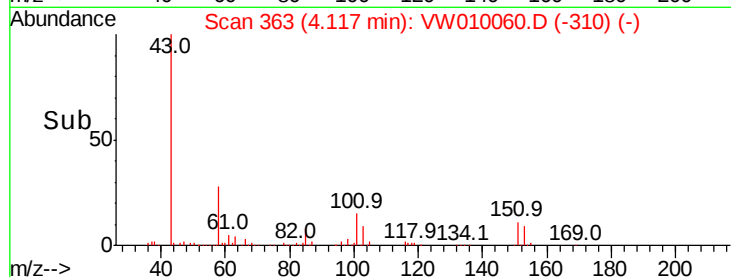
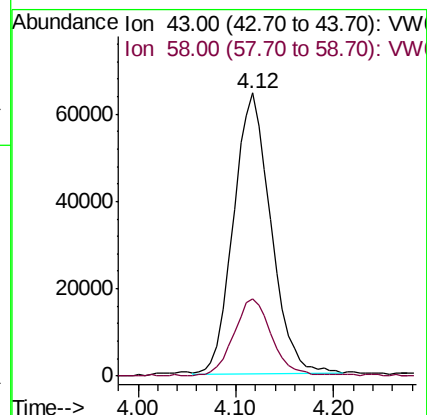
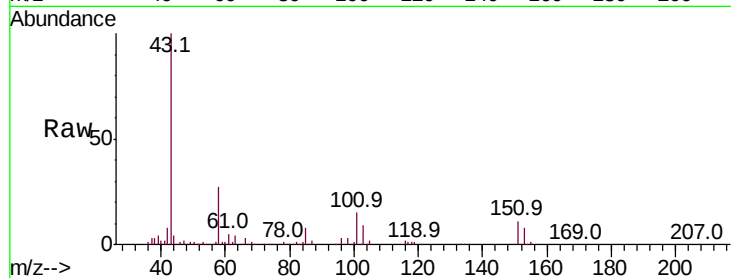
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 170029

Ion Ratio Lower Upper

43 100

58 27.7 0.0 56.2



#14

Carbon disulfide

Concen: 28.569 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010060.D

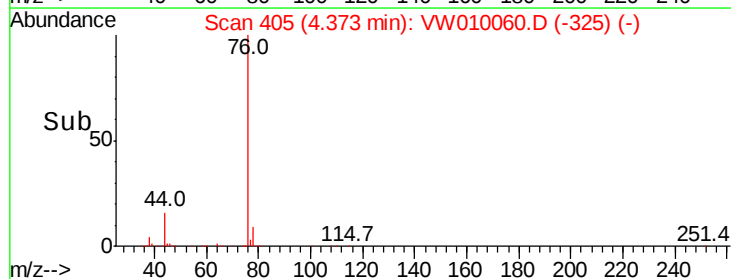
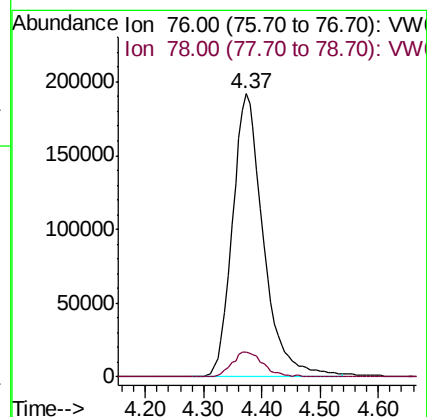
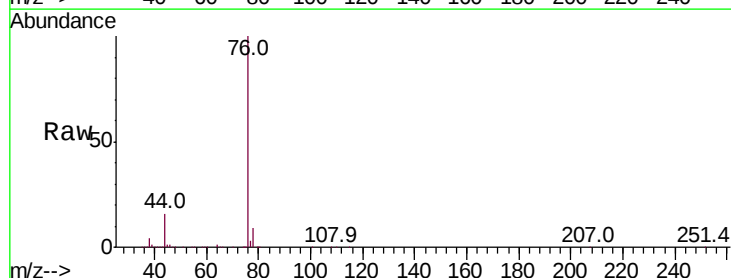
Acq: 19 Apr 2019 11:20

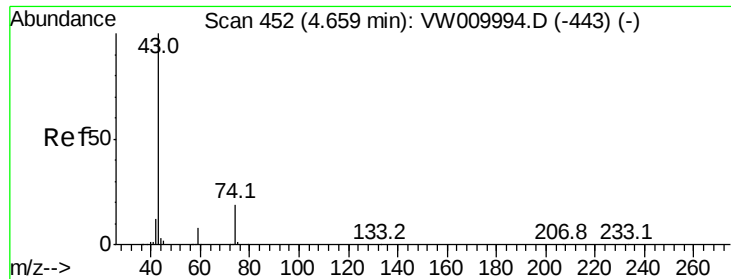
Tgt Ion: 76 Resp: 707550

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

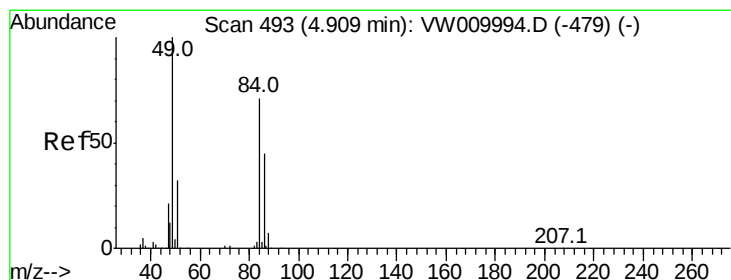
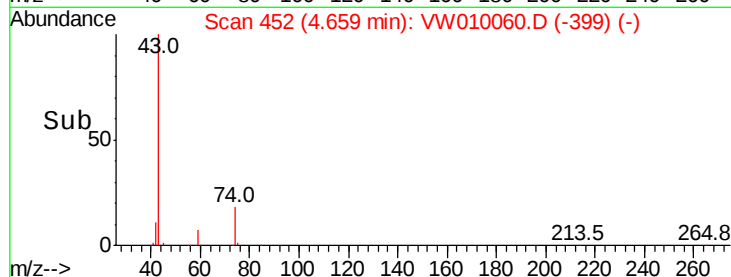
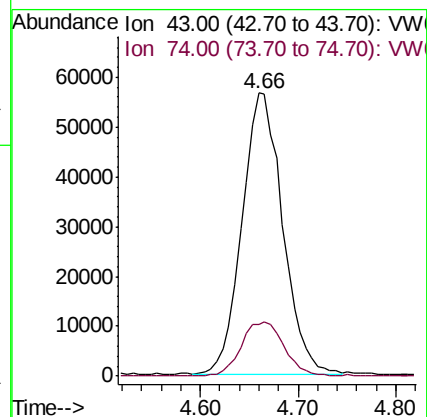
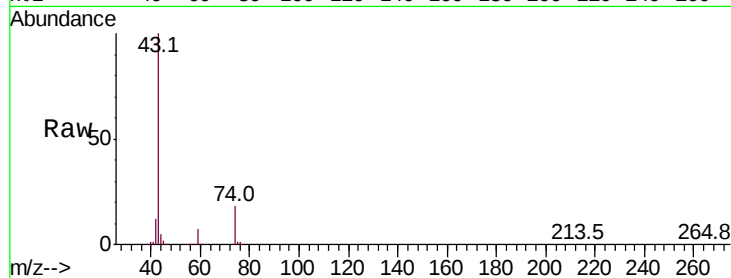




#15
Methyl Acetate
Concen: 24.537 ug/L
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

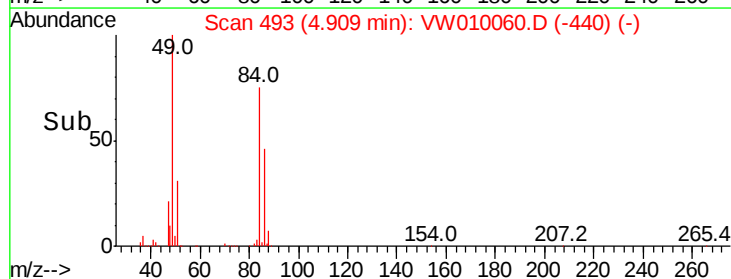
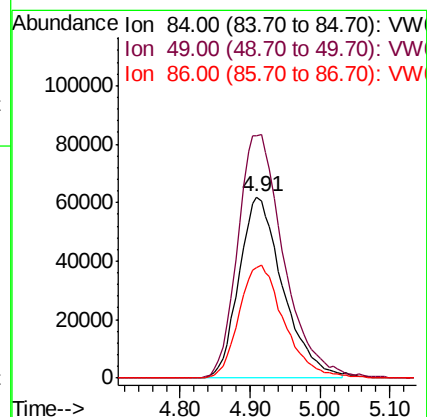
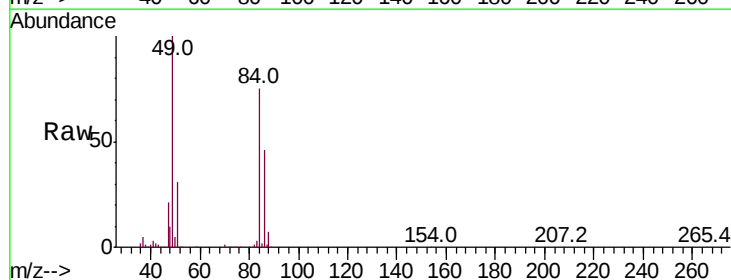
Instrument :
MSVOA_W
ClientSampled :

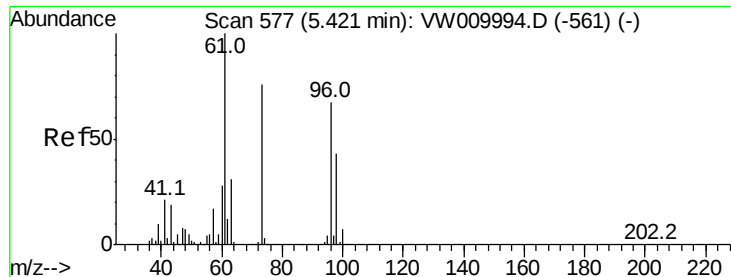
Tot Ion: 43 Resp: 162912
Ion Ratio Lower Upper
43 100
74 20.2 16.2 24.4



#16
Methylene chloride
Concen: 20.675 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Tgt Ion: 84 Resp: 270902
Ion Ratio Lower Upper
84 100
49 133.9 100.7 187.1
86 61.2 43.8 81.3

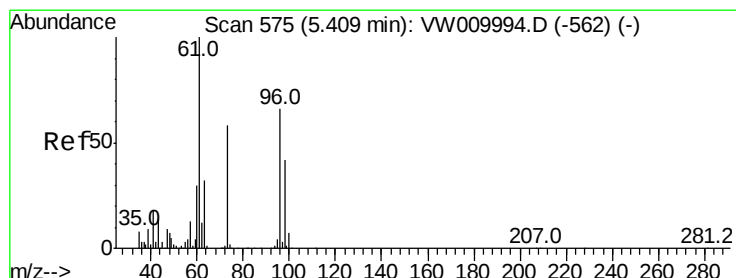
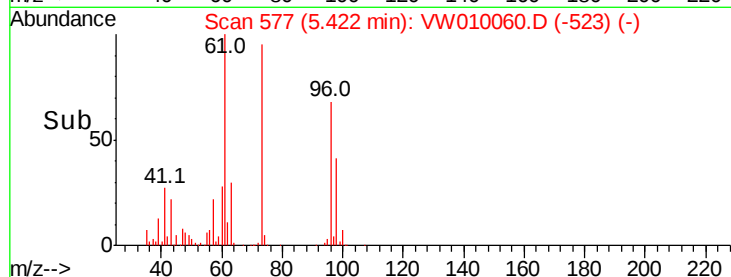
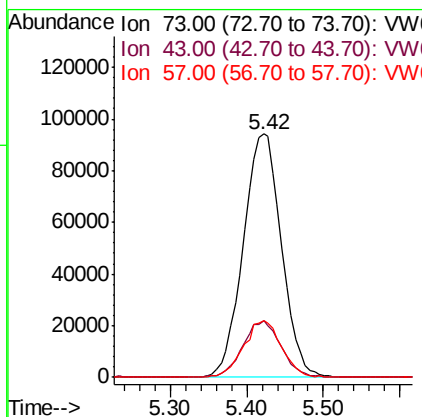
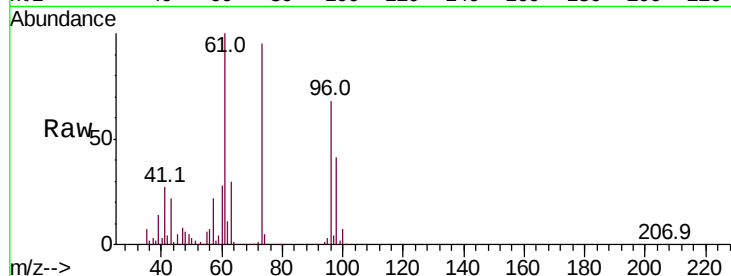




#17
Methvl tert-butvl Ether
Concen: 25.555 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

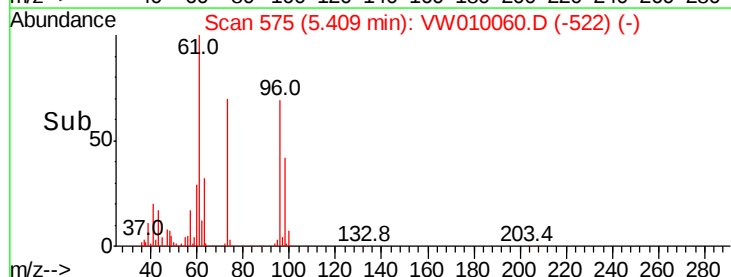
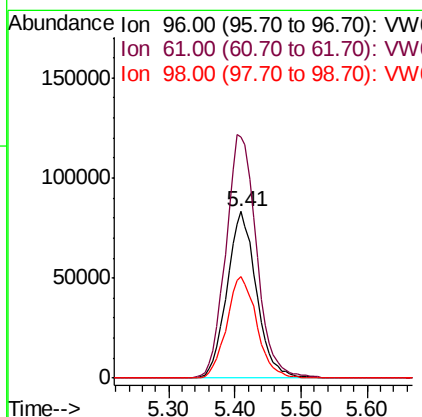
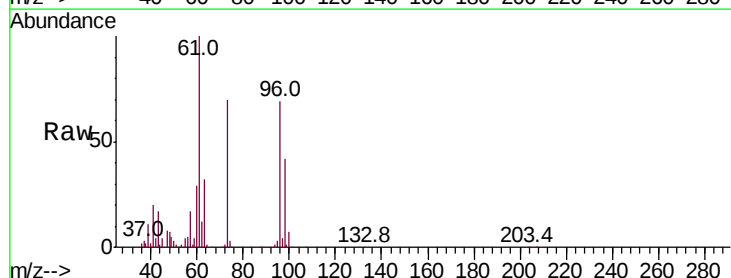
Instrument :
MSVOA_W
ClientSampled :

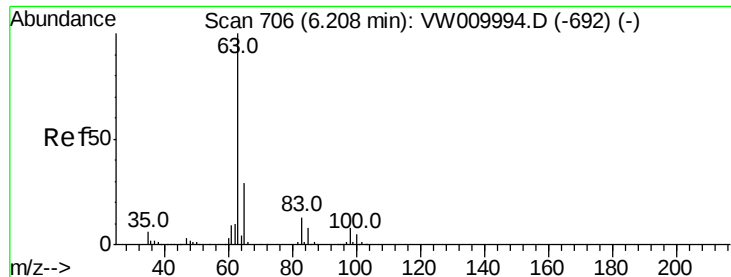
Tot Ion	Ratio	Lower	Upper
73	100		
43	22.9	19.4	29.0
57	23.1	18.6	28.0



#18
trans-1,2-Dichloroethene
Concen: 26.026 ug/L
RT: 5.41 min Scan# 575
Delta R.T. -0.01 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.6	104.9	194.9
98	61.3	44.1	81.9

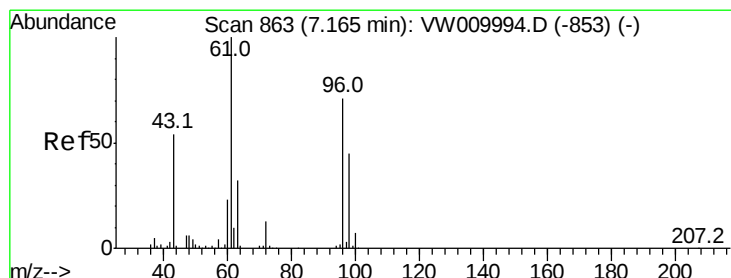
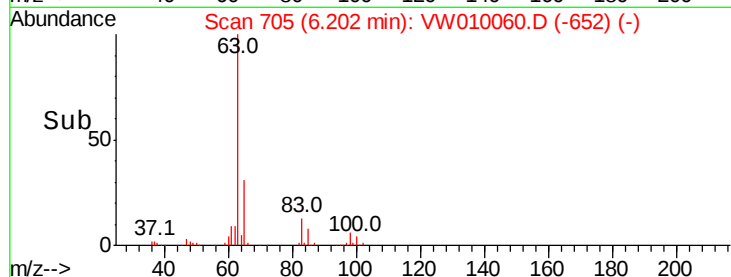
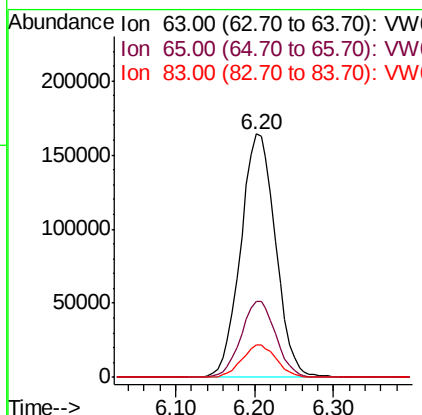
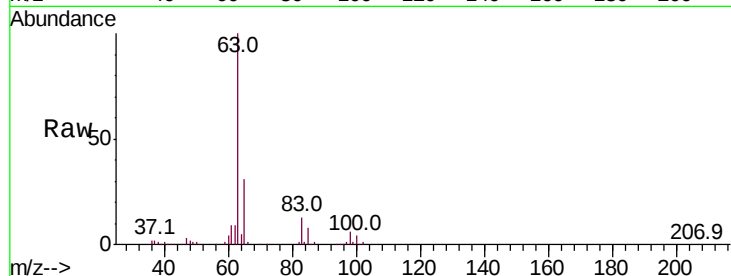




#19
 1,1-Dichloroethane
 Concen: 25.618 ug/L
 RT: 6.20 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

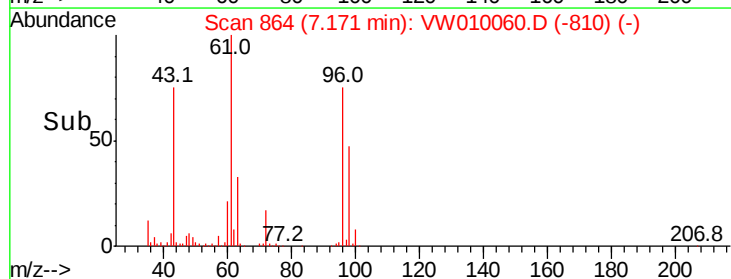
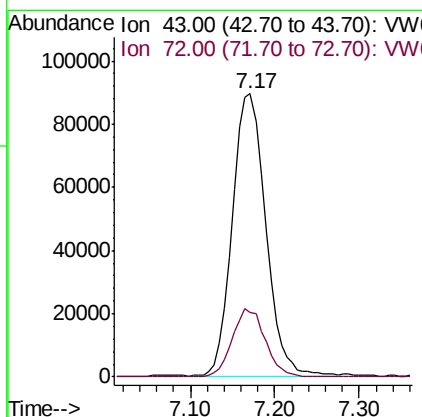
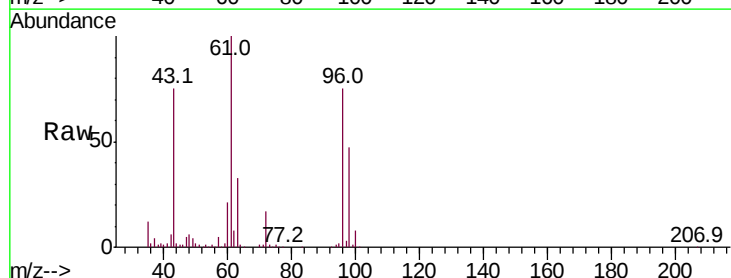
Instrument :
 MSVOA_W
 ClientSampleId :

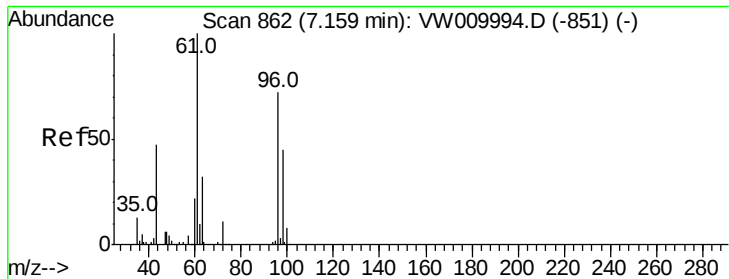
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.6	40.0
83	13.1	9.0	16.6



#21
 2-Butanone
 Concen: 56.105 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.6	11.9	35.7



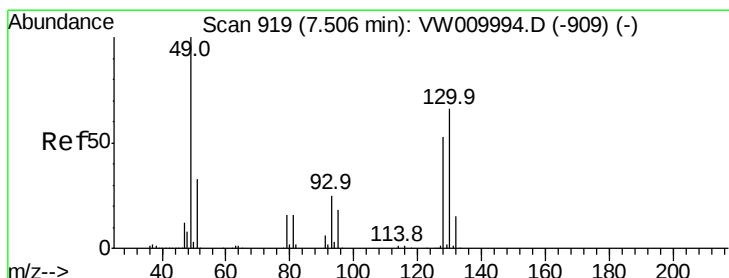
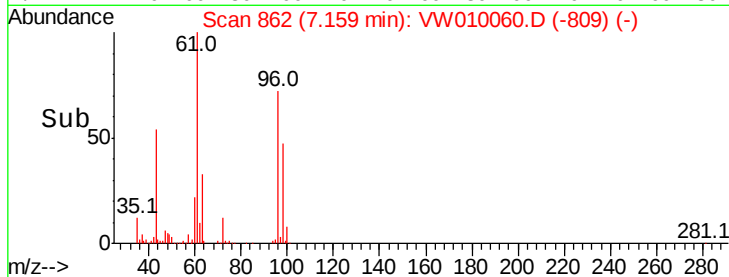
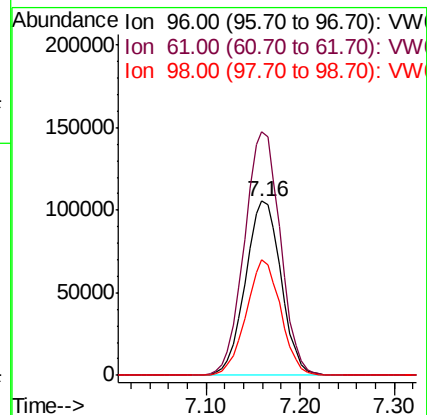
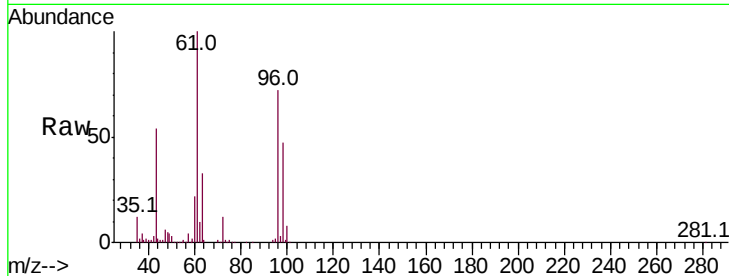


#22

cis-1,2-Dichloroethene
Concen: 25.949 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Instrument :
MSVOA_W
ClientSampleId :

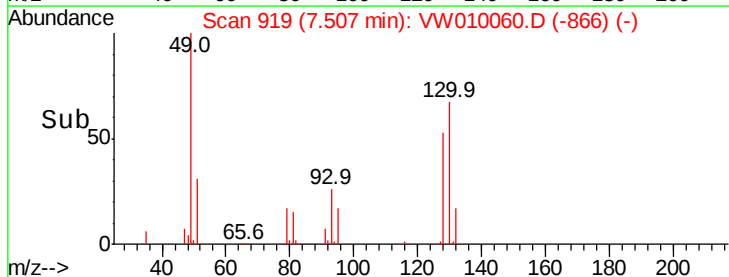
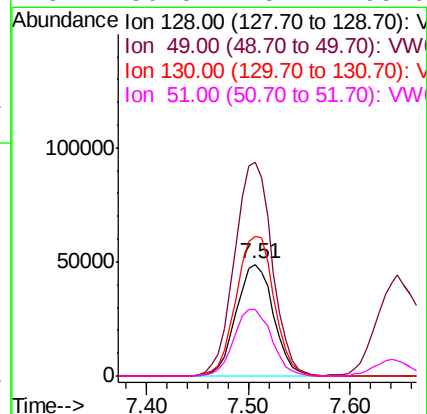
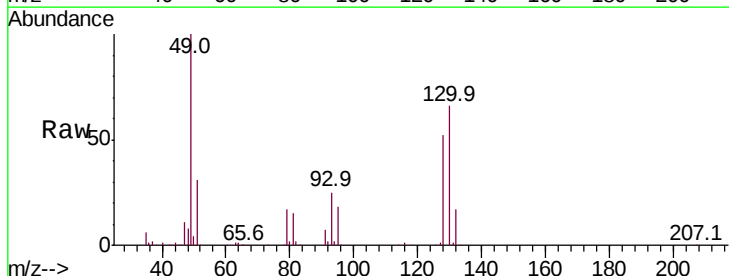
Tot Ion: 96 Resp: 278439
Ion Ratio Lower Upper
96 100
61 139.7 94.7 175.9
98 66.3 42.8 79.6

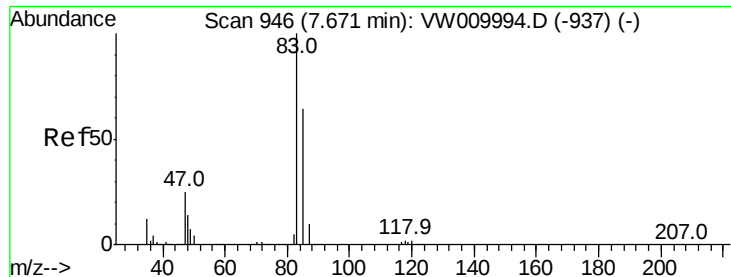


#23

Bromochloromethane
Concen: 24.806 ug/L
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Tgt Ion: 128 Resp: 123962
Ion Ratio Lower Upper
128 100
49 191.8 132.2 245.4
130 125.8 91.5 169.9
51 59.3 45.4 68.0

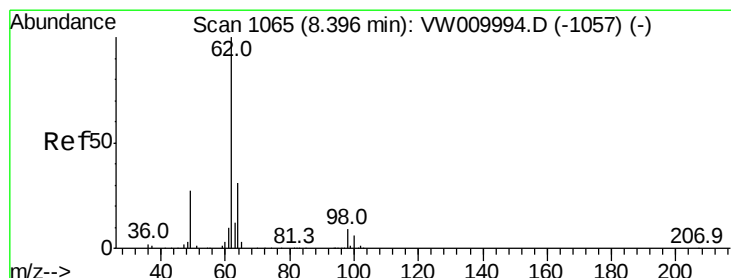
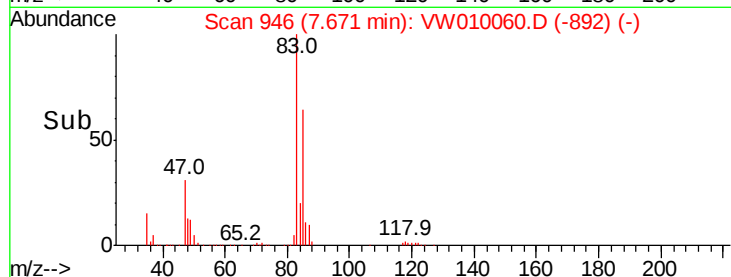
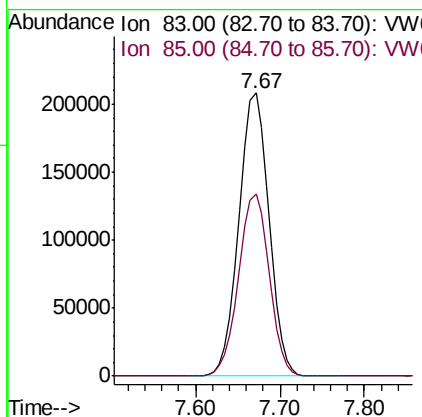
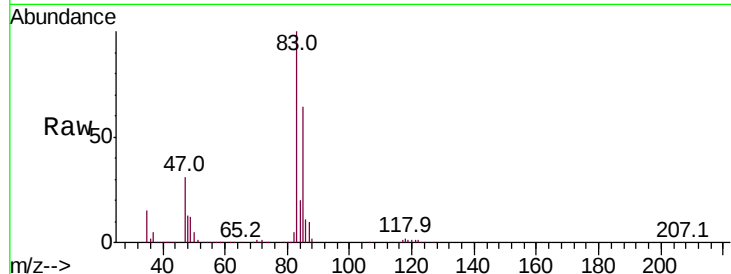




#25
Chloroform
Concen: 24.936 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

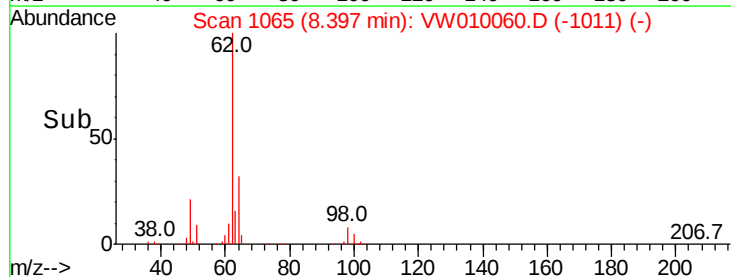
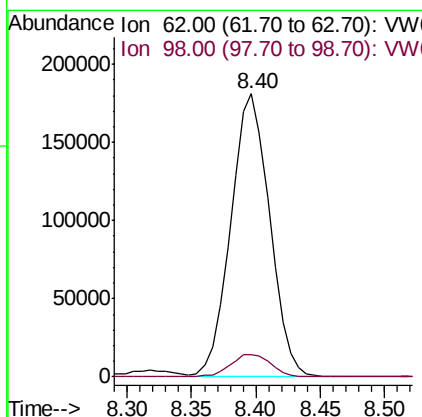
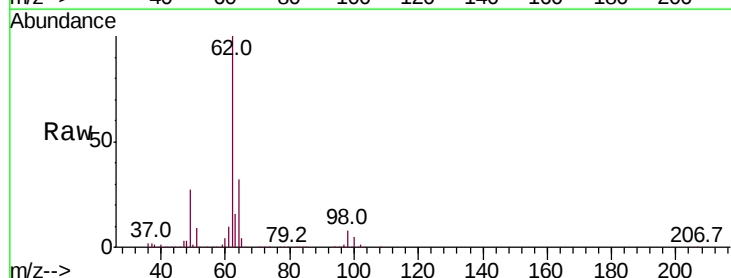
Instrument :
MSVOA_W
ClientSampleId :

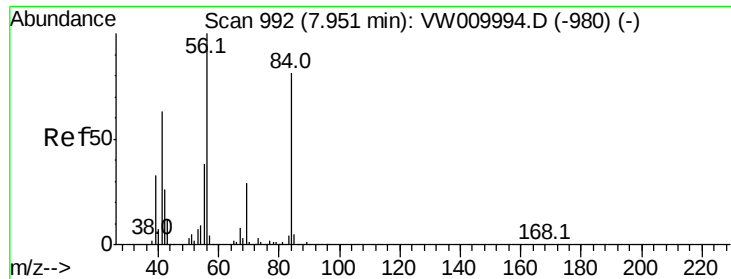
Tot Ion: 83 Resp: 502885
Ion Ratio Lower Upper
83 100
85 65.6 45.5 84.5



#27
1,2-Dichloroethane
Concen: 24.476 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Tgt Ion: 62 Resp: 380021
Ion Ratio Lower Upper
62 100
98 8.1 6.6 10.0





#30

Cyclohexane

Concen: 30.485 ug/L

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

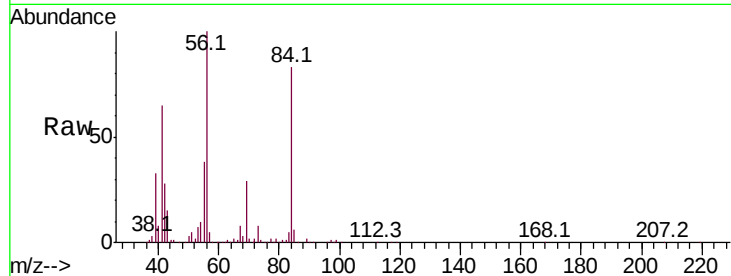
Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

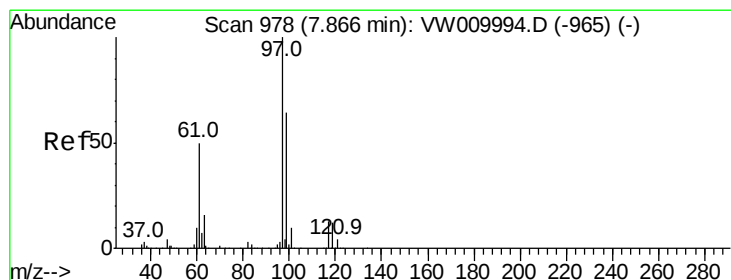
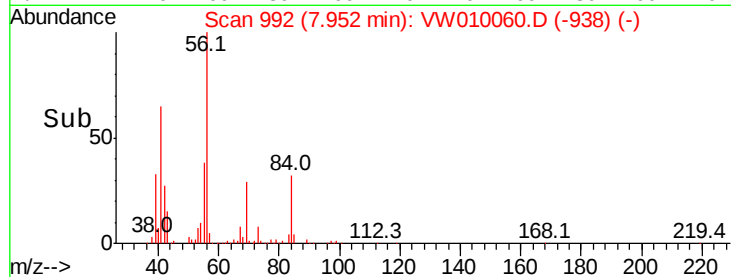
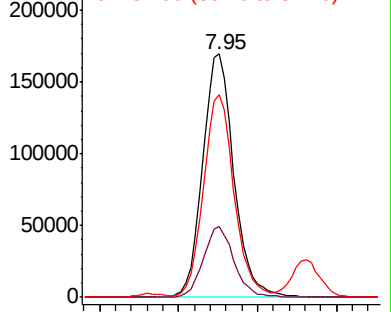
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 466517

Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.4	35.0
84	81.8	65.5	98.3



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



#31

1,1,1-Trichloroethane

Concen: 26.561 ug/L

RT: 7.87 min Scan# 978

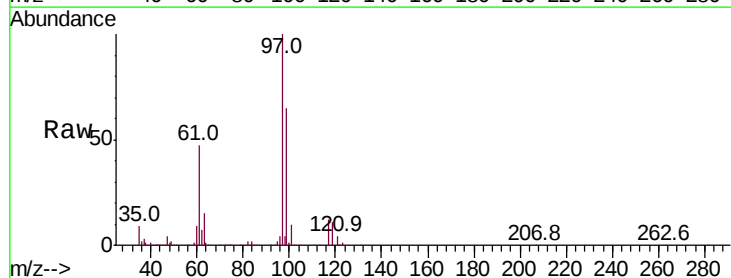
Delta R.T. -0.01 min

Lab File: VW010060.D

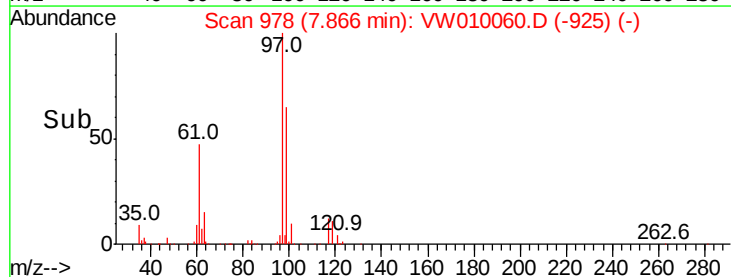
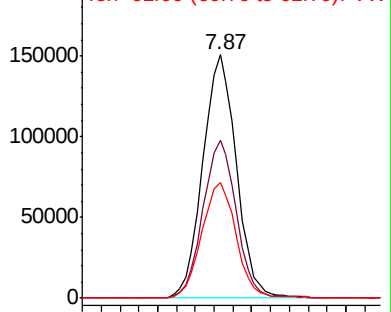
Acq: 19 Apr 2019 11:20

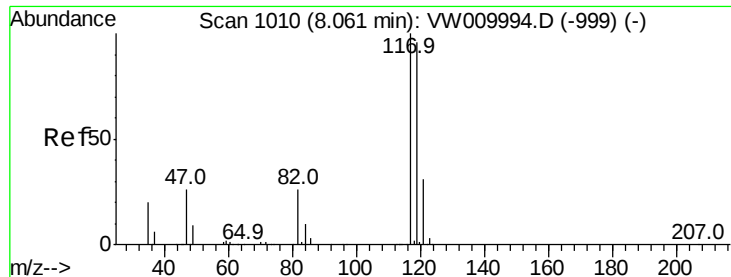
Tgt Ion: 97 Resp: 375588

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	48.2	39.3	58.9



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW



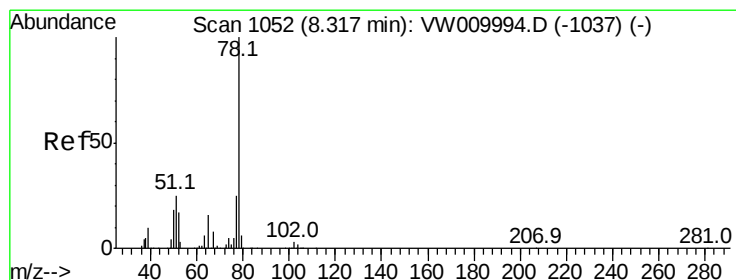
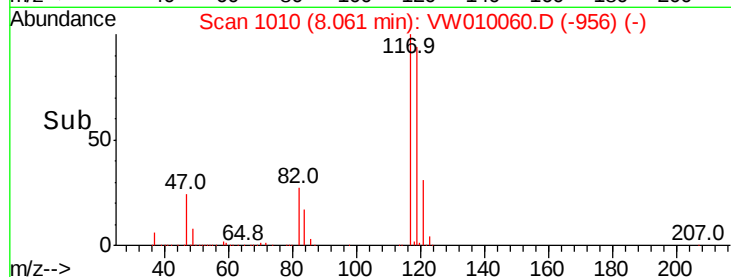
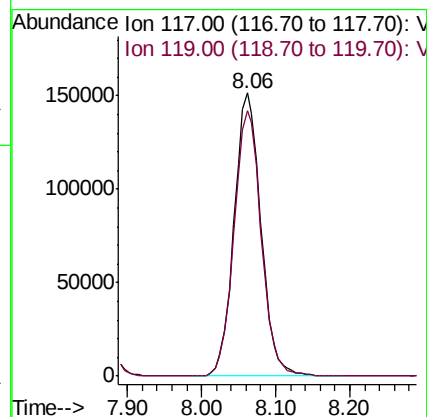
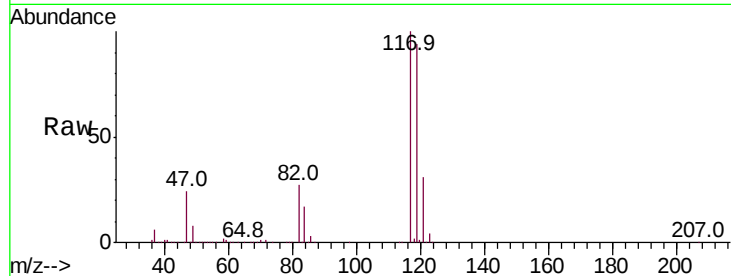


#32

Carbon tetrachloride
Concen: 27.598 ug/L
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Instrument :
MSVOA_W
ClientSampleId :

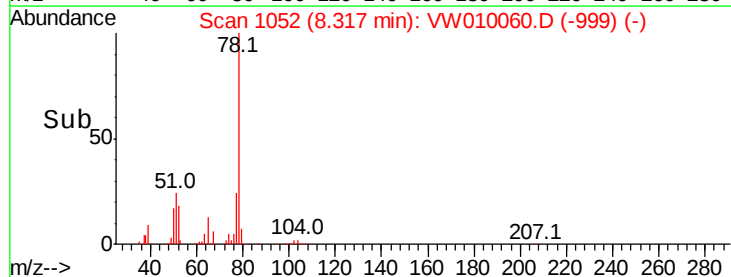
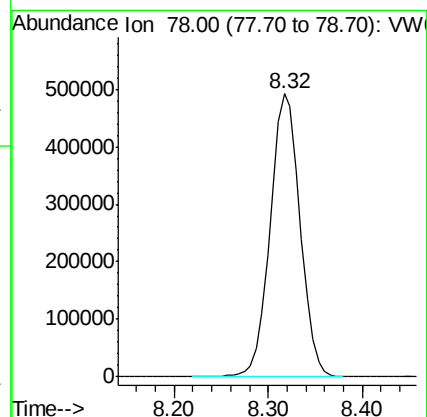
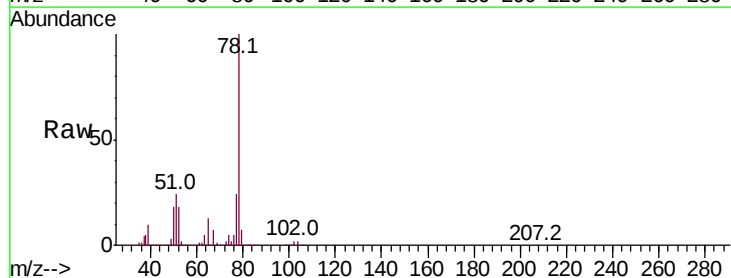
Tot Ion:117 Resp: 383171
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2

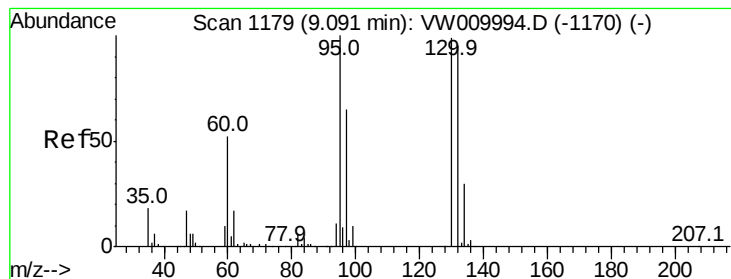


#34

Benzene
Concen: 27.360 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Tgt Ion: 78 Resp: 1091316





#35

Trichloroethene

Concen: 27.048 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 280518

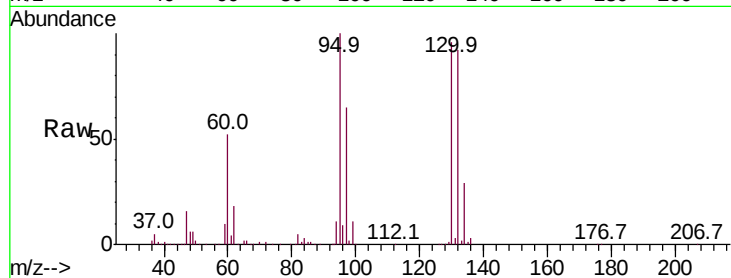
Ion Ratio Lower Upper

95 100

97 63.5 45.3 84.1

132 93.6 65.6 121.8

130 98.3 68.5 127.3

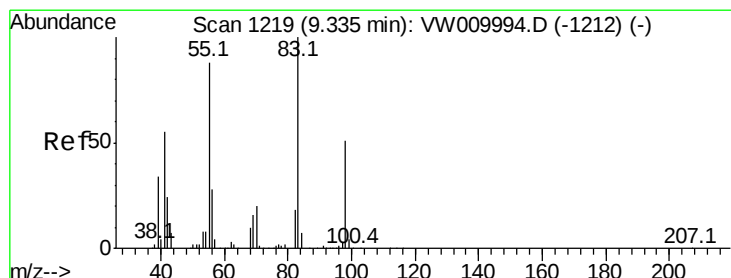
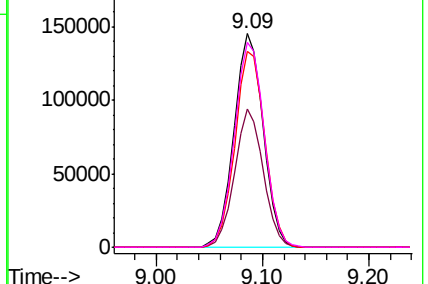
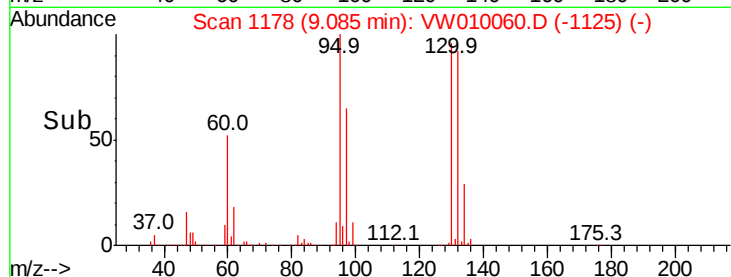


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 29.305 ug/L

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

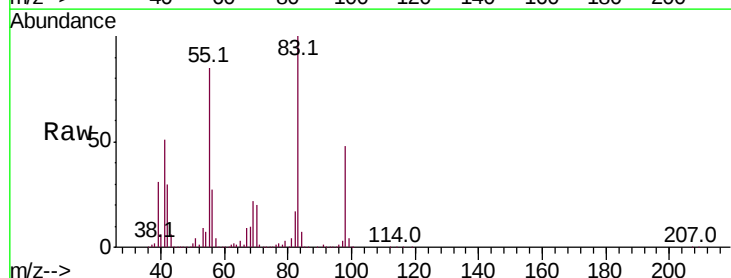
Tgt Ion: 83 Resp: 488307

Ion Ratio Lower Upper

83 100

55 84.7 68.4 102.6

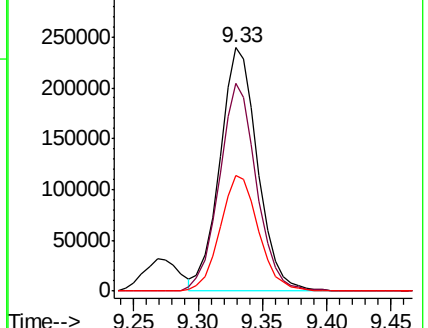
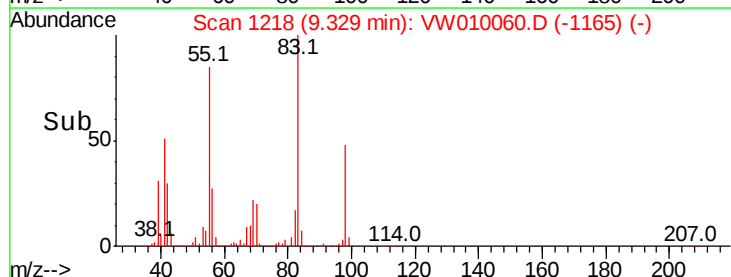
98 48.6 40.0 60.0

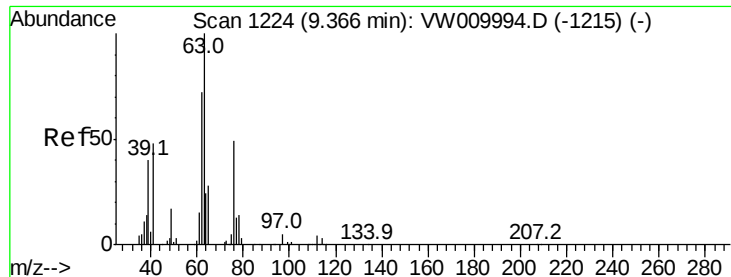


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 26.516 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

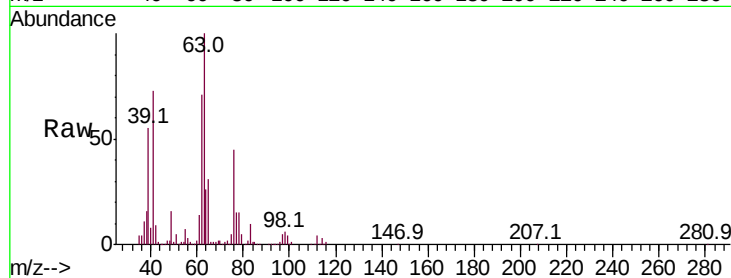
ClientSampleId :

Tot Ion: 63 Resp: 279724

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.37

150000

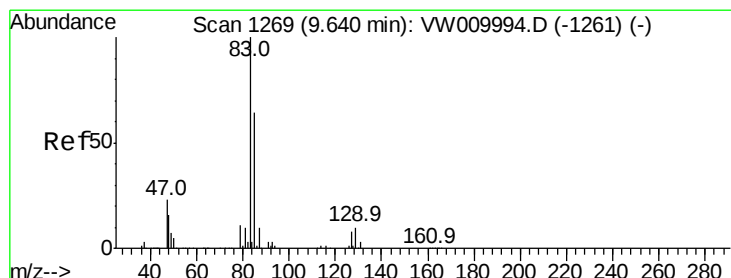
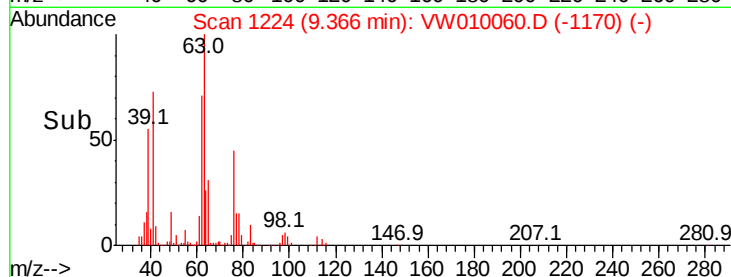
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#41

Bromodichloromethane

Concen: 25.610 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

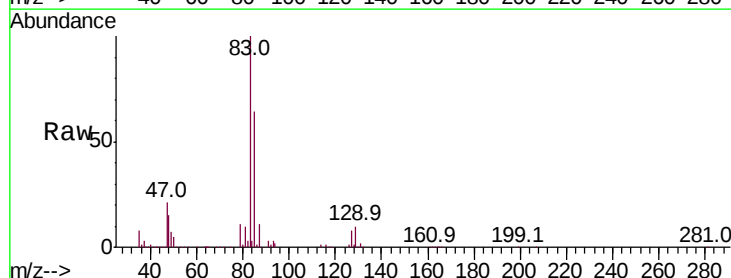
Tgt Ion: 83 Resp: 368832

Ion Ratio Lower Upper

83 100

85 63.5 45.1 83.9

127 8.2 6.1 9.1



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

250000

200000

150000

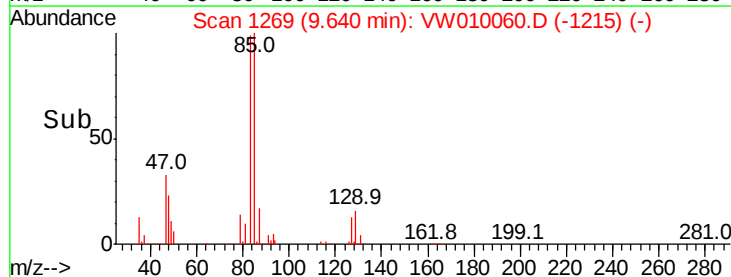
100000

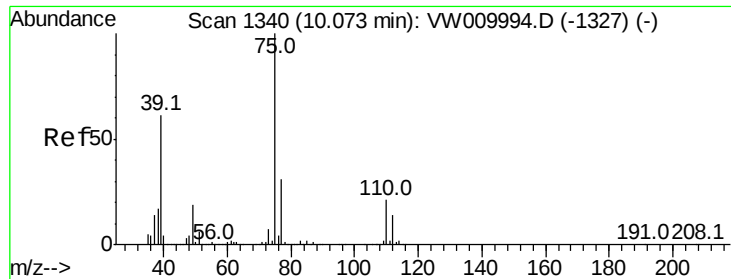
50000

0

9.55 9.60 9.65 9.70

Time-->

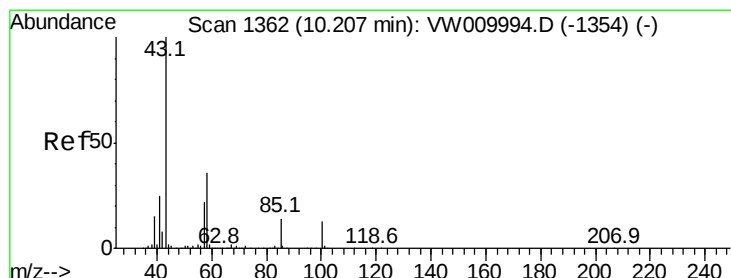
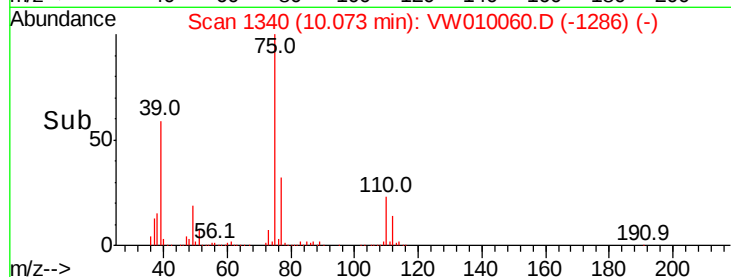
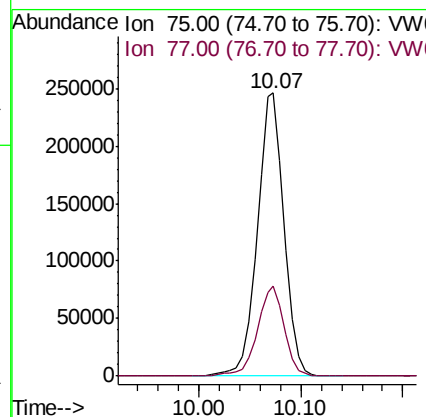
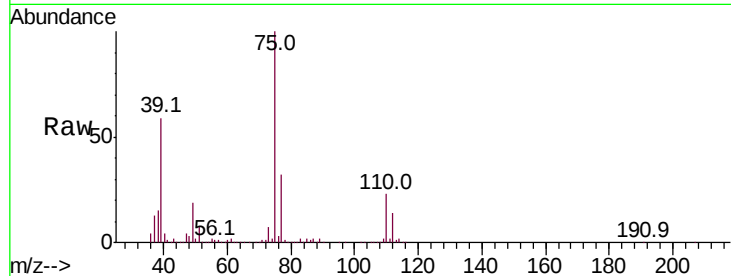




#42
 cis-1,3-Dichloropropene
 Concen: 27.540 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

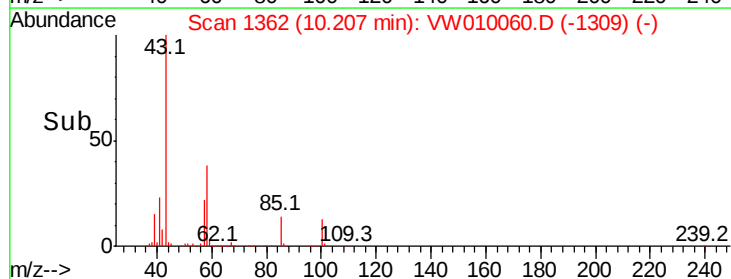
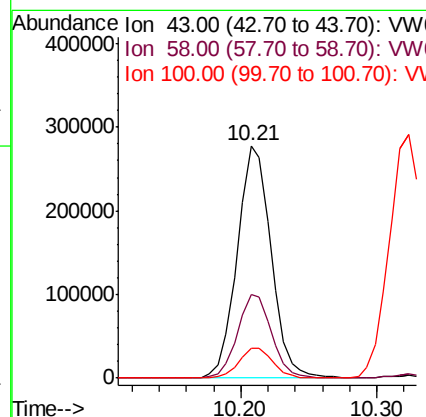
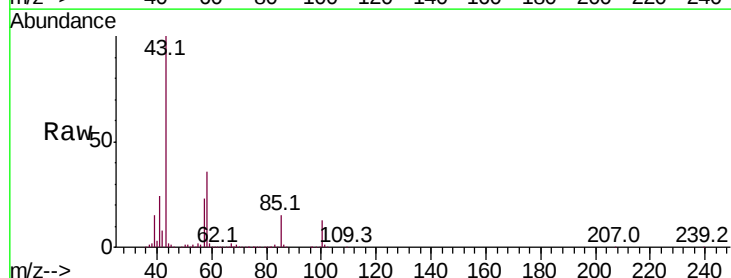
Instrument :
 MSVOA_W
 ClientSampled :

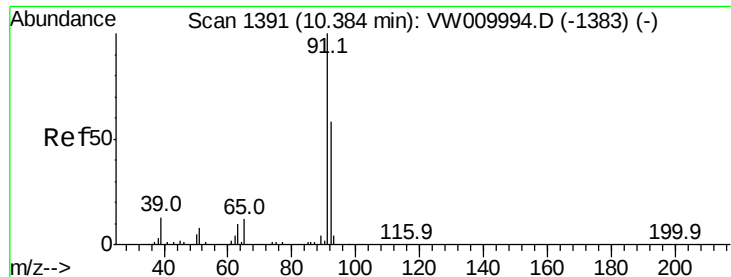
Tot Ion: 75 Resp: 447897
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.4



#43
 4-Methyl-2-pentanone
 Concen: 55.565 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

Tgt Ion: 43 Resp: 482755
 Ion Ratio Lower Upper
 43 100
 58 36.2 27.9 41.9
 100 13.0 10.5 15.7





#44

Toluene

Concen: 27.854 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

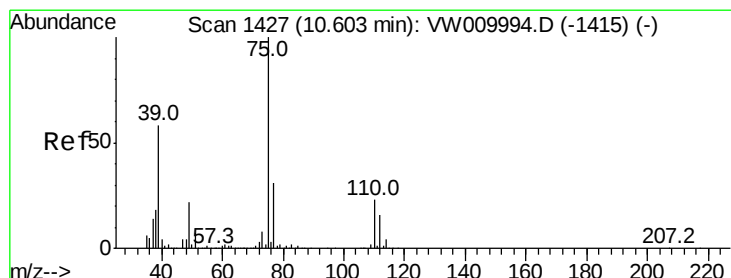
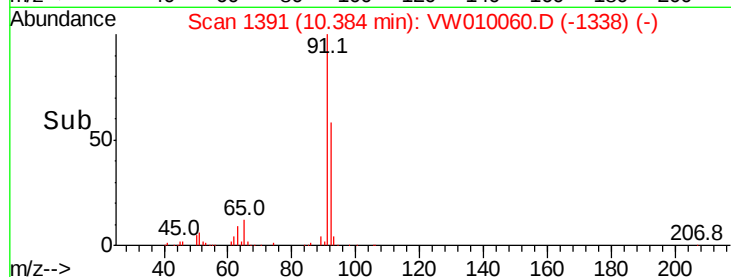
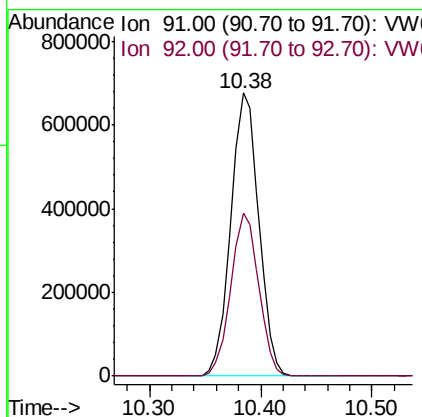
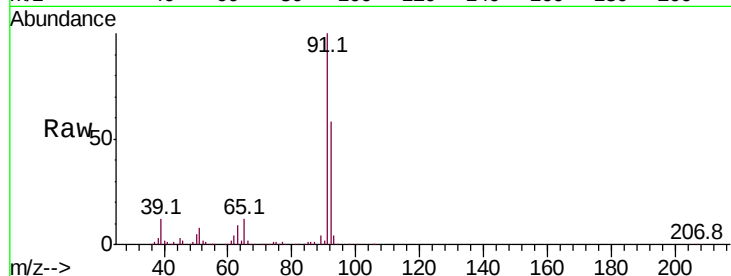
ClientSampleId :

Tot Ion: 91 Resp: 1178661

Ion Ratio Lower Upper

91 100

92 57.5 39.8 74.0



#45

trans-1,3-Dichloropropene

Concen: 27.125 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010060.D

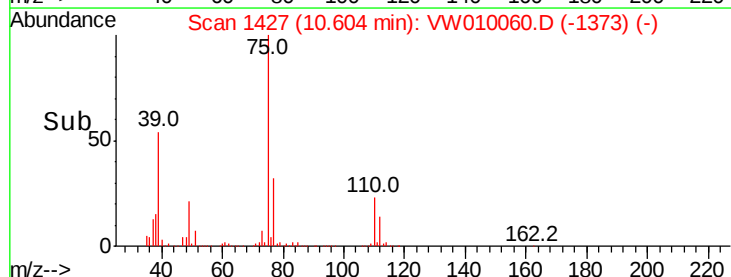
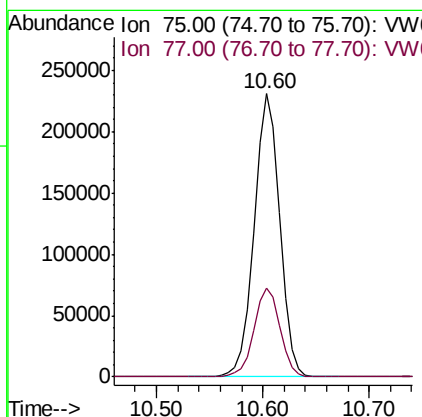
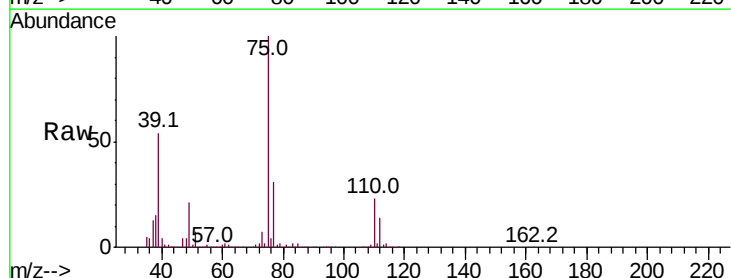
Acq: 19 Apr 2019 11:20

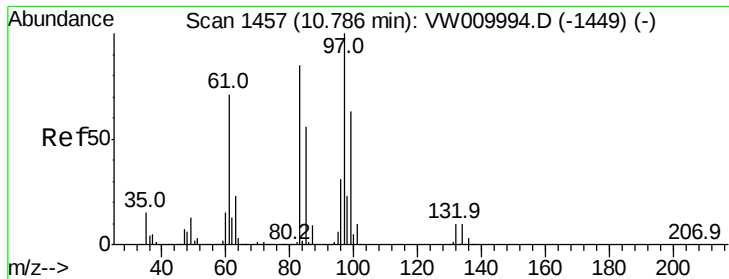
Tgt Ion: 75 Resp: 389518

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0

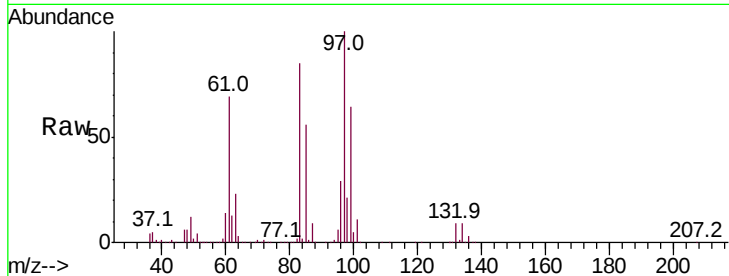




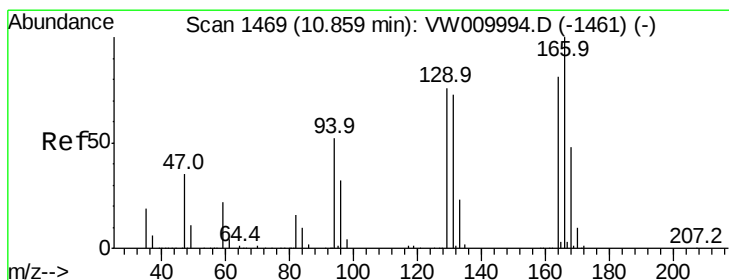
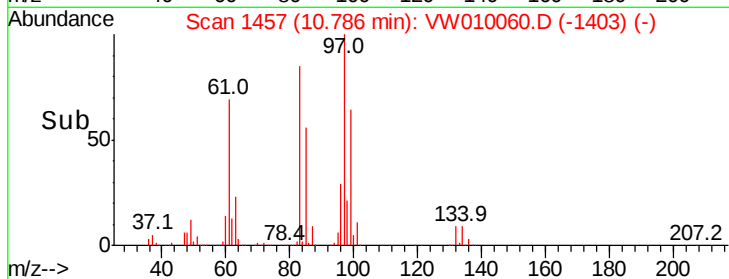
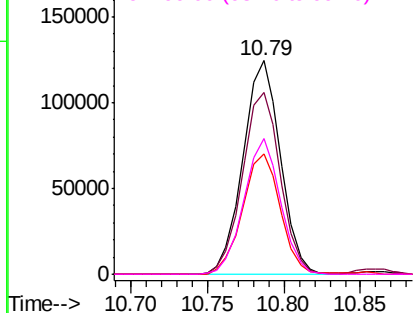
#46
1,1,2-Trichloroethane
Concen: 25.770 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	97	Resp:	212011
Ion	Ratio	Lower	Upper
97	100		
83	85.0	59.1	109.7
85	56.2	39.3	73.1
99	63.7	43.6	81.0

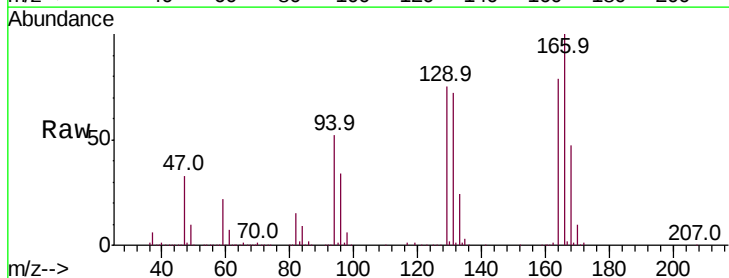


Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW
Ion 99.00 (98.70 to 99.70): VW

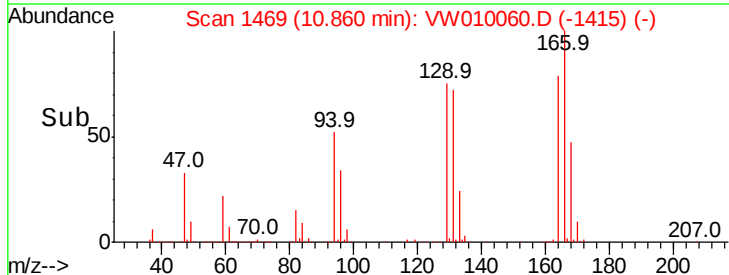
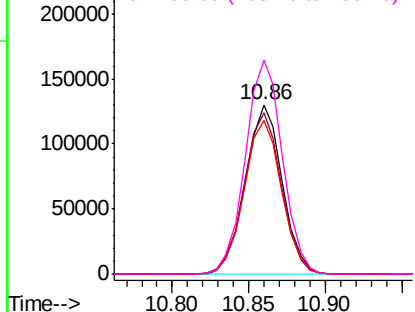


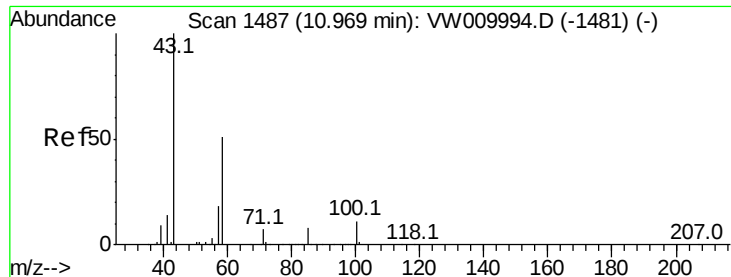
#47
Tetrachloroethene
Concen: 26.848 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Tgt Ion:	164	Resp:	217503
Ion	Ratio	Lower	Upper
164	100		
129	95.0	66.8	124.2
131	90.8	65.2	121.0
166	126.1	89.0	165.2



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V





#49

2-Hexanone

Concen: 60.632 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 374234

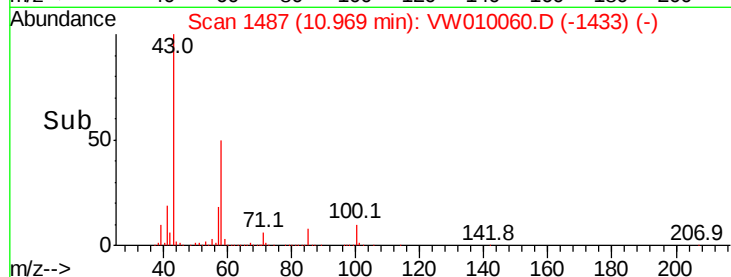
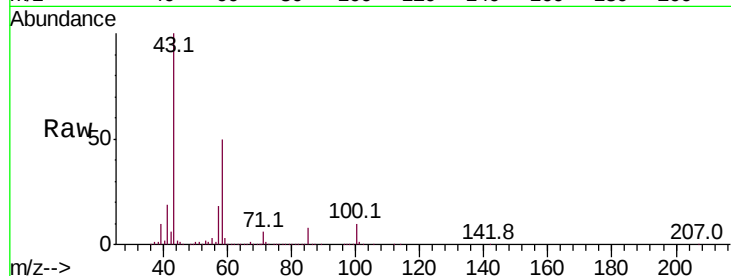
Ion Ratio Lower Upper

43 100

58 48.9 39.8 59.8

57 17.6 14.1 21.1

100 10.2 8.4 12.6

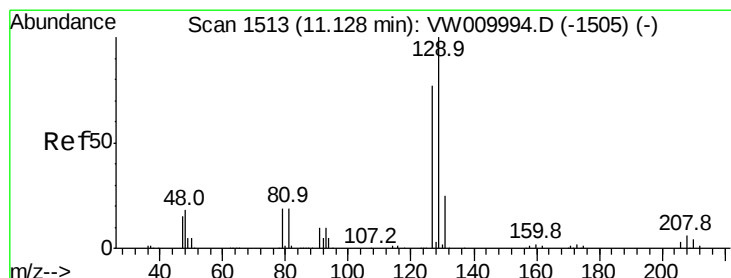
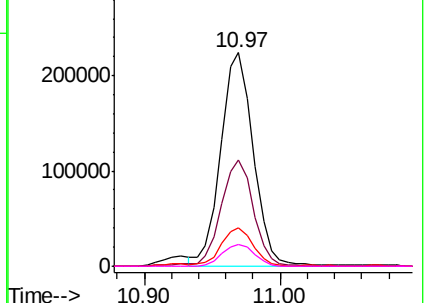


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 25.429 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010060.D

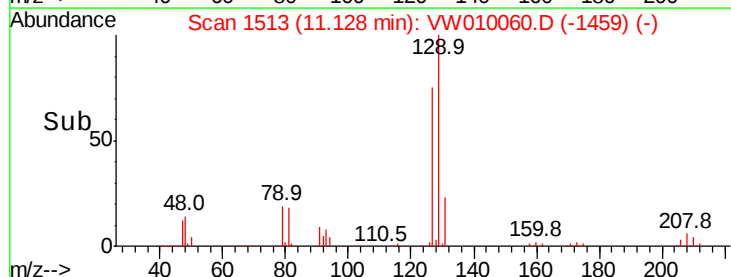
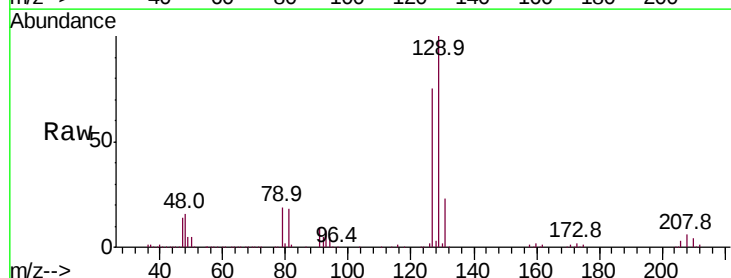
Acq: 19 Apr 2019 11:20

Tgt Ion: 129 Resp: 248331

Ion Ratio Lower Upper

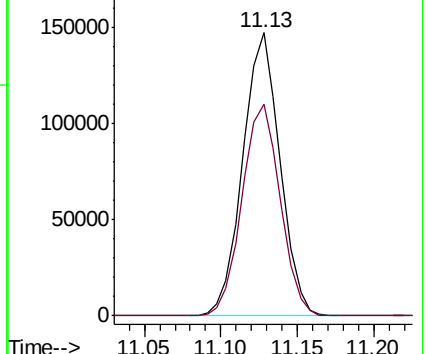
129 100

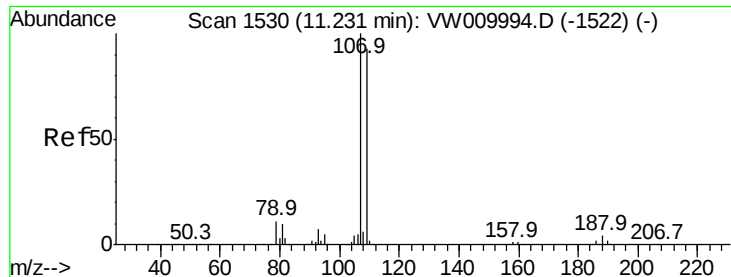
127 74.6 53.5 99.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

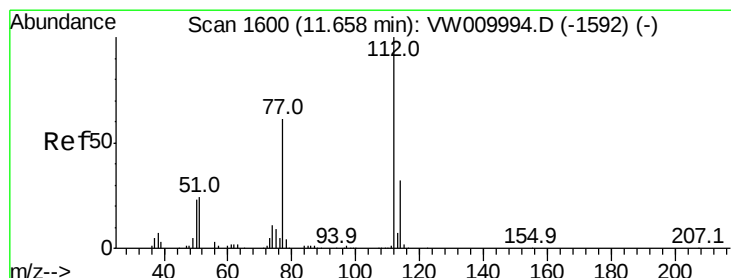
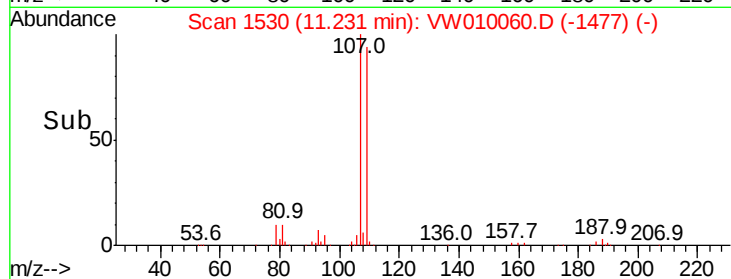
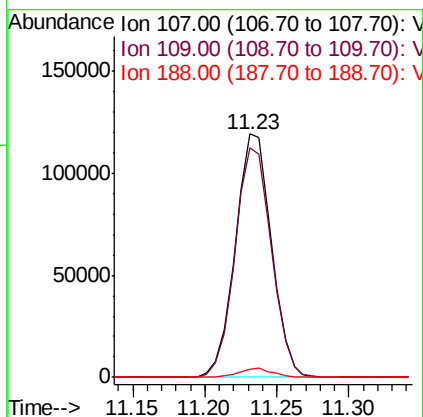
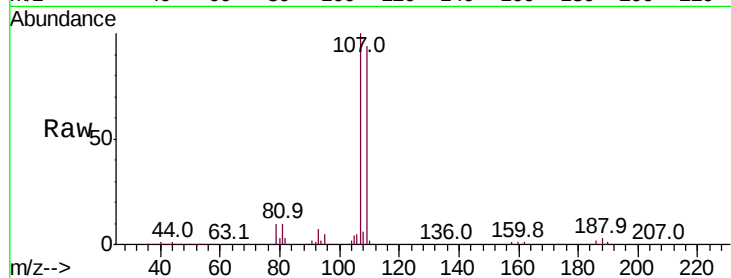




#51
1,2-Dibromoethane
Concen: 25.833 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

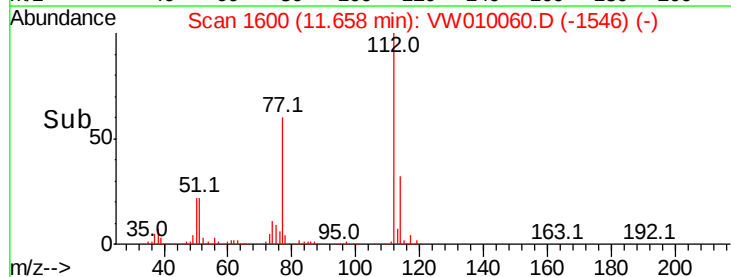
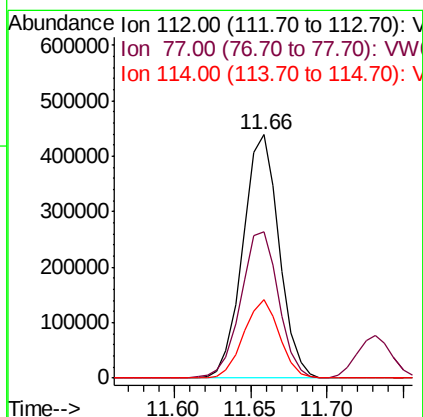
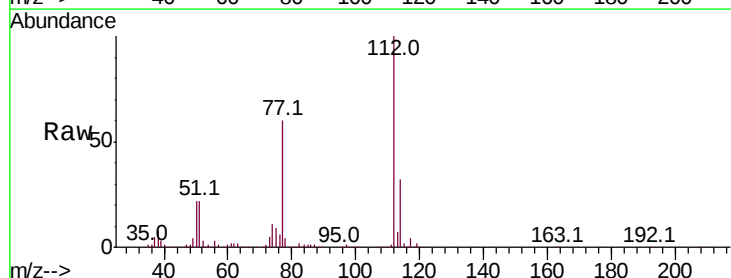
Instrument :
MSVOA_W
ClientSampleId :

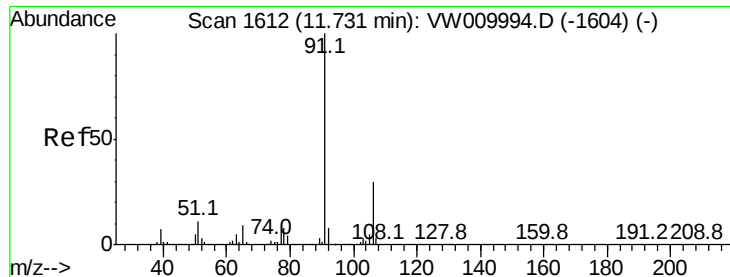
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	66.4	123.4
188	3.4	2.7	4.1



#52
Chlorobenzene
Concen: 26.189 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Tgt Ion	Ratio	Lower	Upper
112	100		
77	60.3	50.2	75.4
114	32.2	22.7	42.3





#53

Ethylbenzene

Concen: 27.990 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

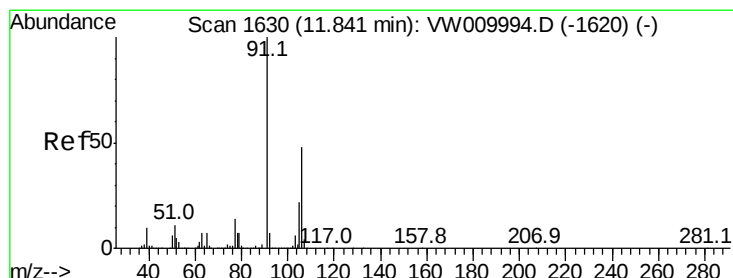
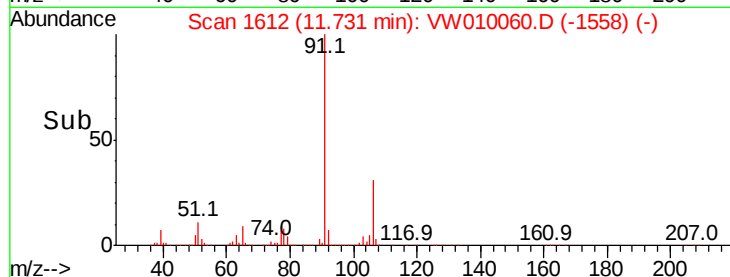
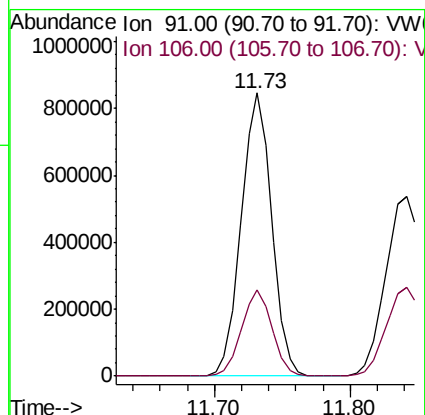
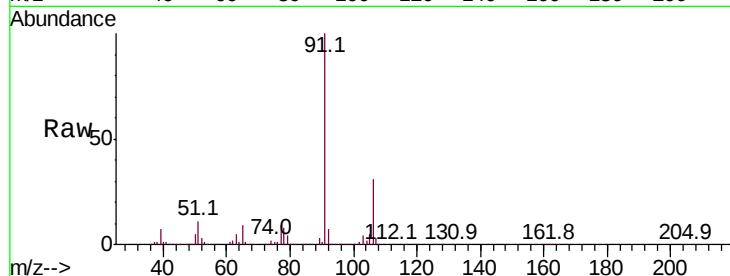
ClientSampled :

Tot Ion: 91 Resp: 1323832

Ion Ratio Lower Upper

91 100

106 30.7 21.8 40.4



#54

m,p-Xylene

Concen: 28.583 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010060.D

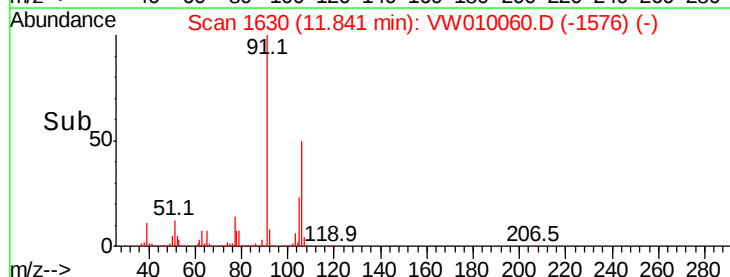
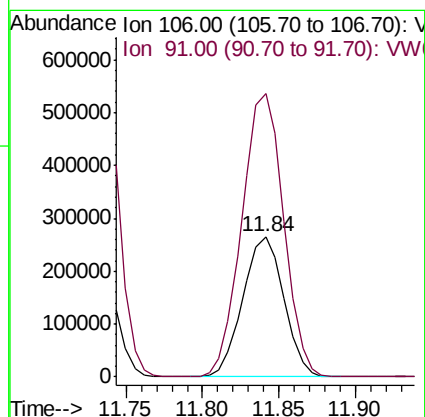
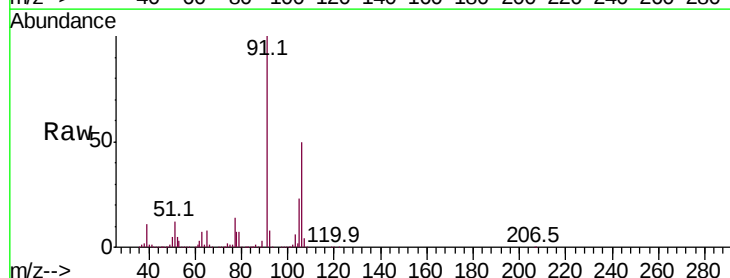
Acq: 19 Apr 2019 11:20

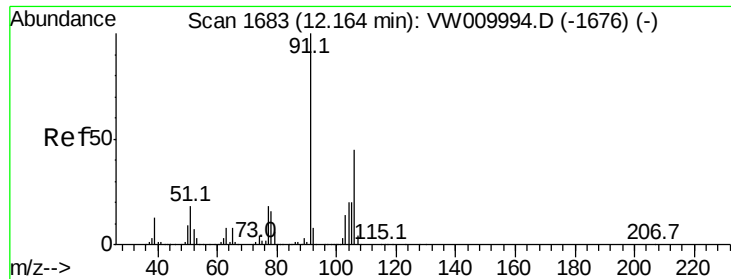
Tgt Ion: 106 Resp: 494501

Ion Ratio Lower Upper

106 100

91 202.0 143.4 266.2

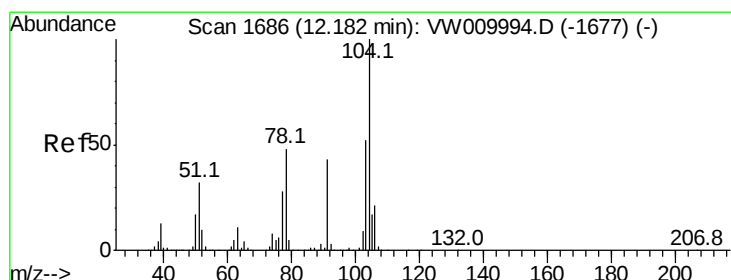
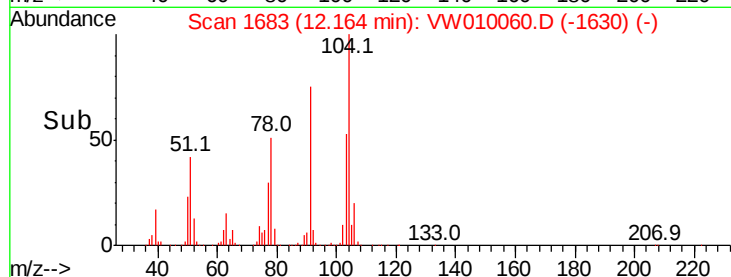
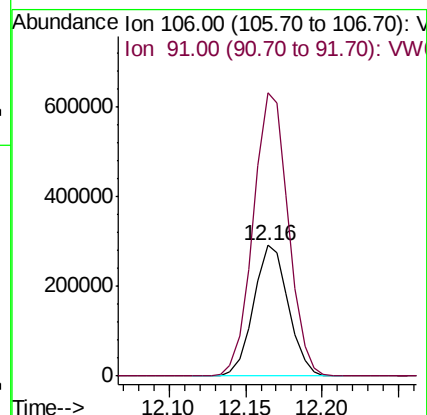
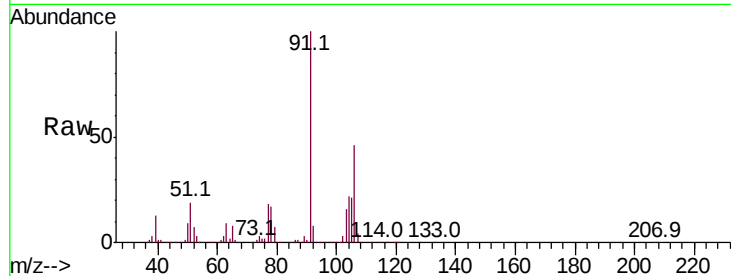




#55
o-xylene
Concen: 27.745 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

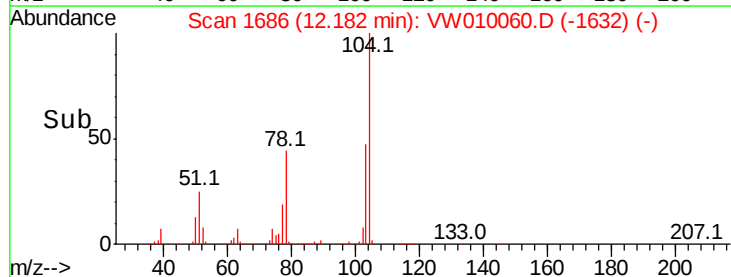
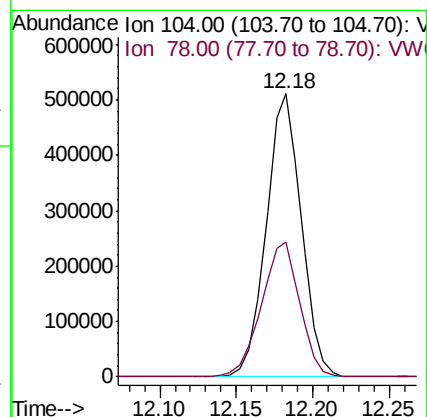
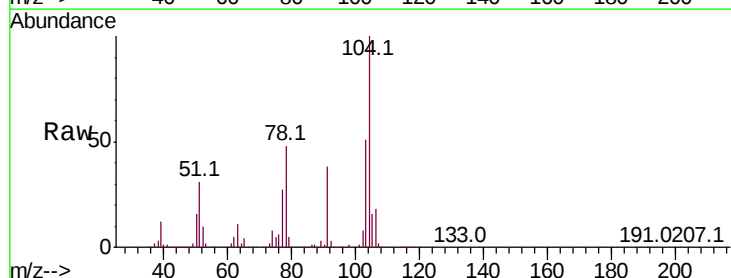
Instrument :
MSVOA_W
ClientSampled :

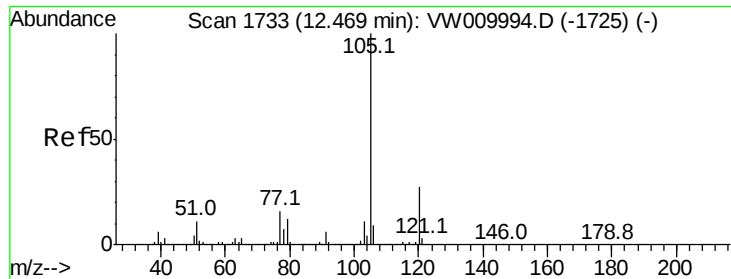
Tot Ion:106 Resp: 460363
Ion Ratio Lower Upper
106 100
91 216.7 152.2 282.7



#56
Styrene
Concen: 28.027 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010060.D
Acq: 19 Apr 2019 11:20

Tgt Ion:104 Resp: 814110
Ion Ratio Lower Upper
104 100
78 47.6 32.7 60.7





#57

Isopropylbenzene

Concen: 28.874 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

ClientSampled :

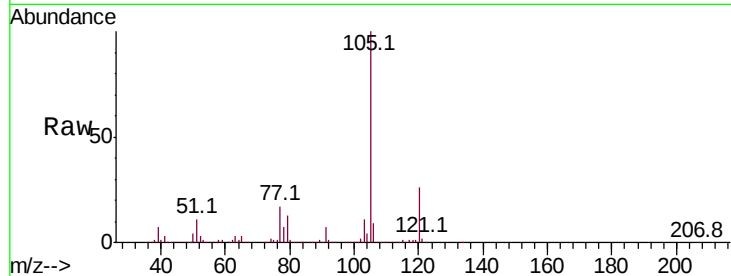
Tot Ion:105 Resp: 1276123

Ion Ratio Lower Upper

105 100

120 26.2 20.6 30.8

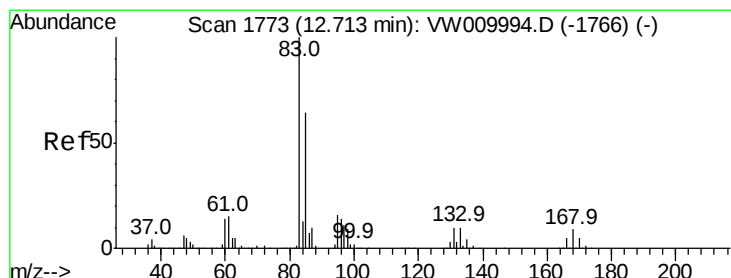
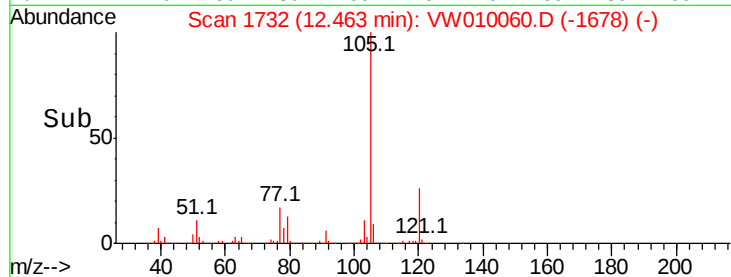
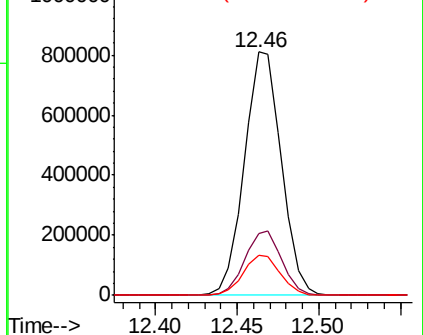
77 16.6 13.4 20.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 26.063 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

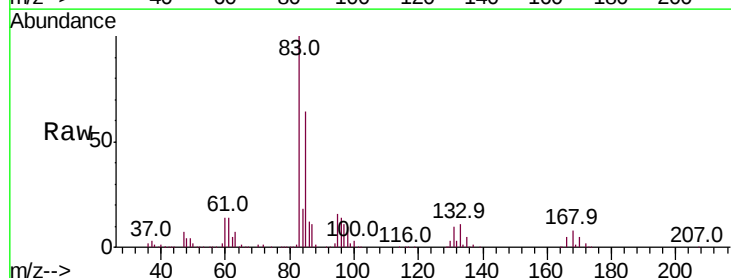
Tgt Ion: 83 Resp: 282071

Ion Ratio Lower Upper

83 100

85 63.9 44.1 81.9

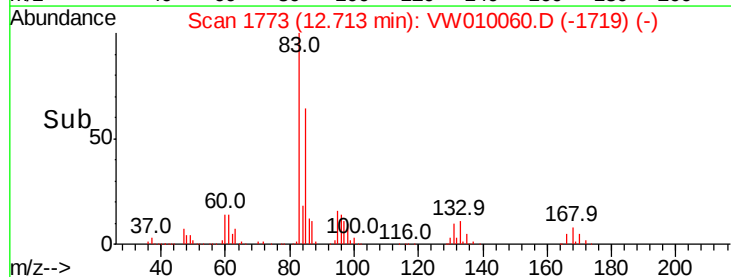
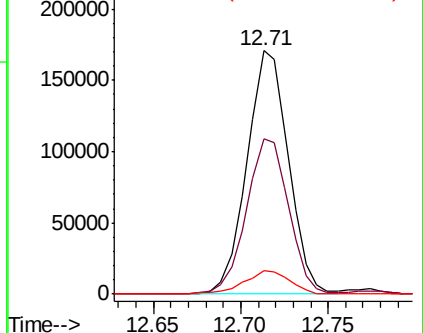
131 9.7 8.3 12.5

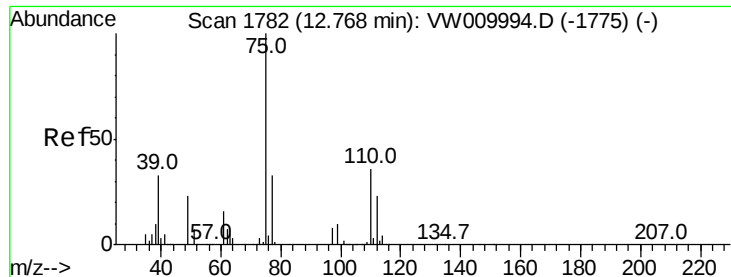


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 26.395 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

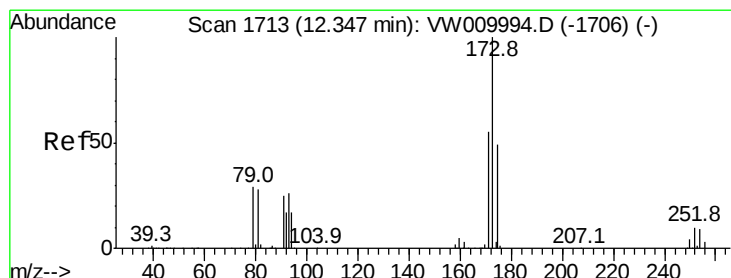
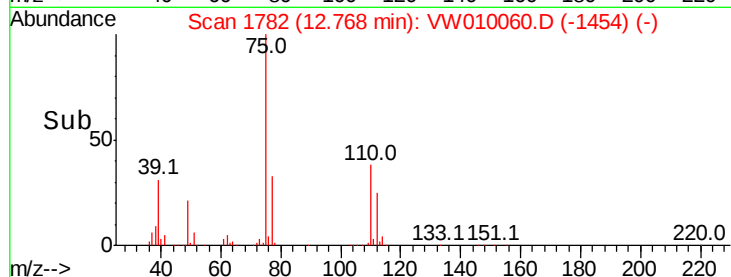
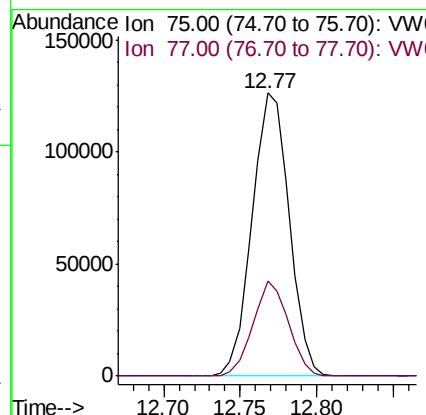
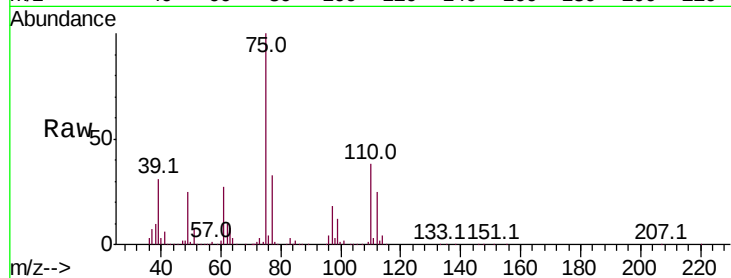
ClientSampleId :

Tot Ion: 75 Resp: 213787

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6



#62

Bromoform

Concen: 24.613 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

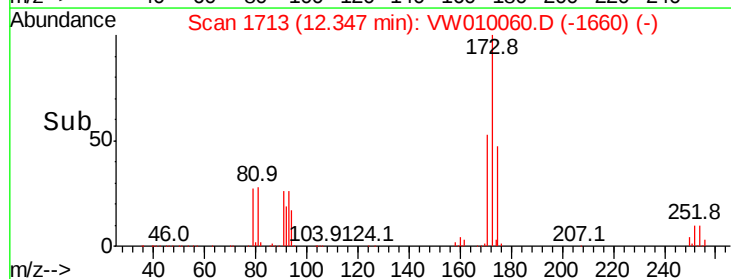
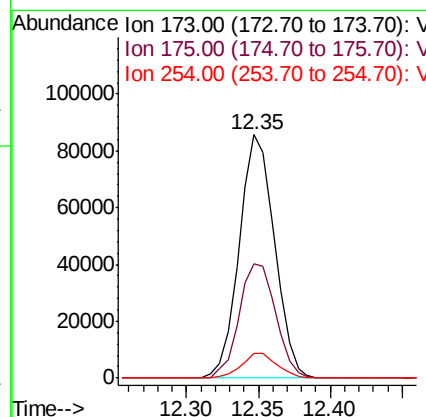
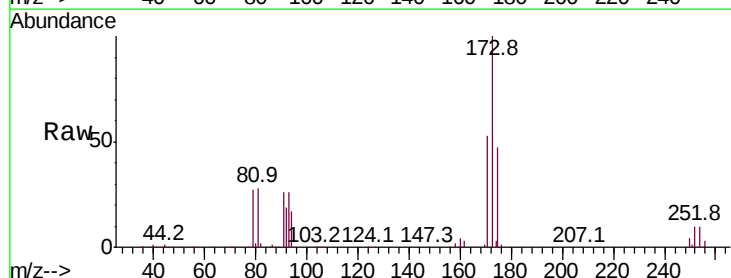
Tgt Ion:173 Resp: 146075

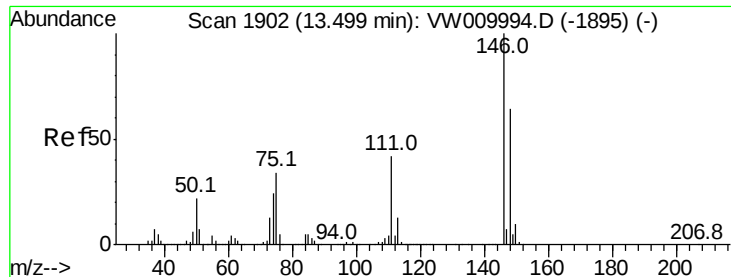
Ion Ratio Lower Upper

173 100

175 48.6 38.4 57.6

254 10.4 7.7 11.5

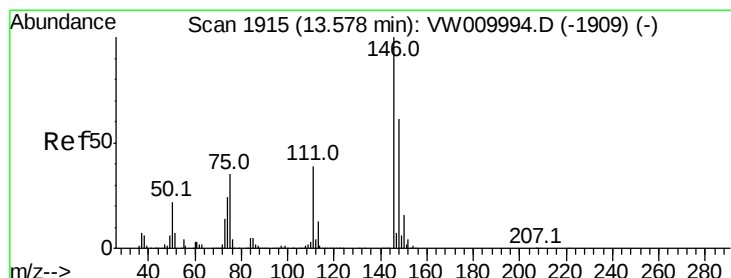
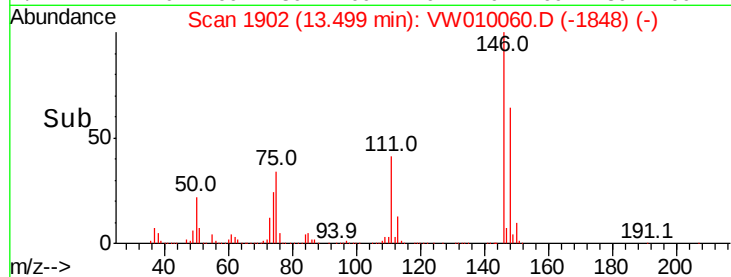
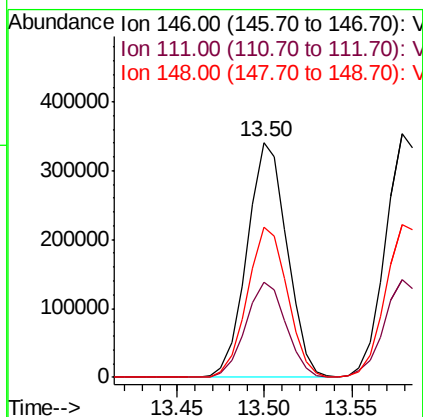
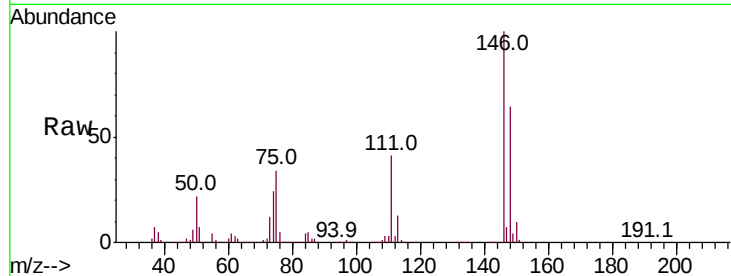




#63
 1,3-Dichlorobenzene
 Concen: 26.509 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

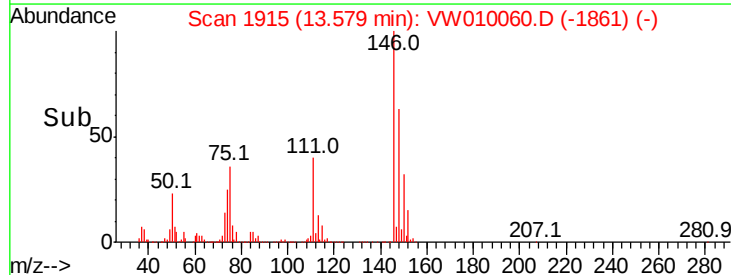
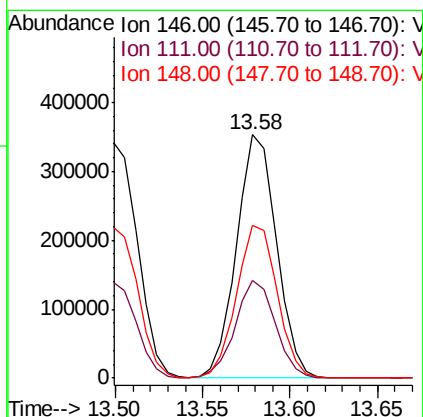
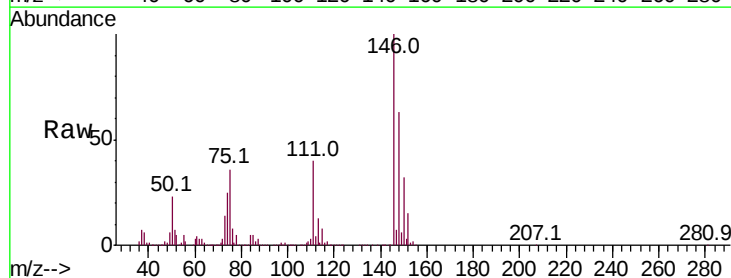
Instrument :
 MSVOA_W
 ClientSampled :

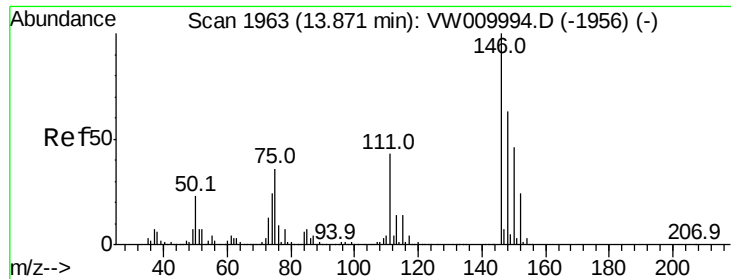
Tot Ion:146 Resp: 541291
 Ion Ratio Lower Upper
 146 100
 111 40.8 29.3 54.3
 148 63.9 44.1 81.9



#64
 1,4-Dichlorobenzene
 Concen: 25.640 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

Tgt Ion:146 Resp: 562587
 Ion Ratio Lower Upper
 146 100
 111 40.1 28.0 52.0
 148 63.0 44.1 81.9

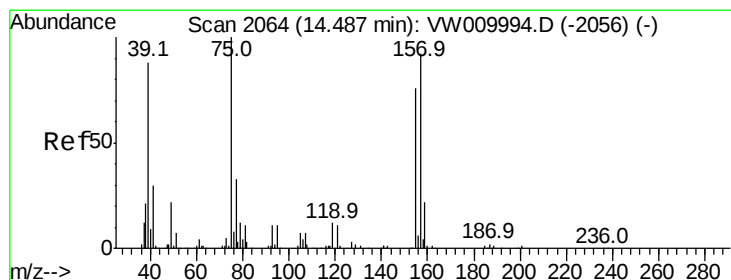
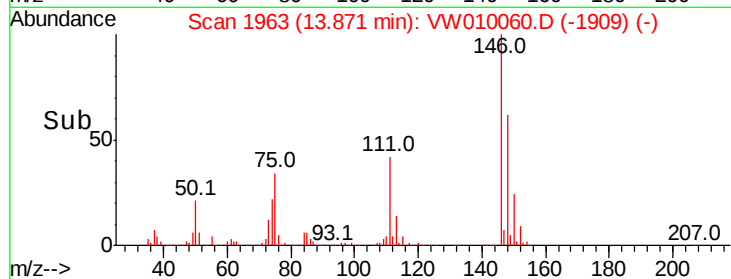
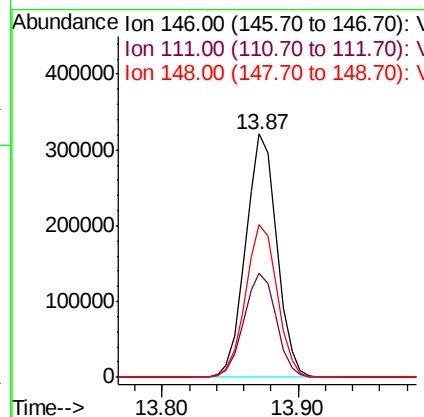
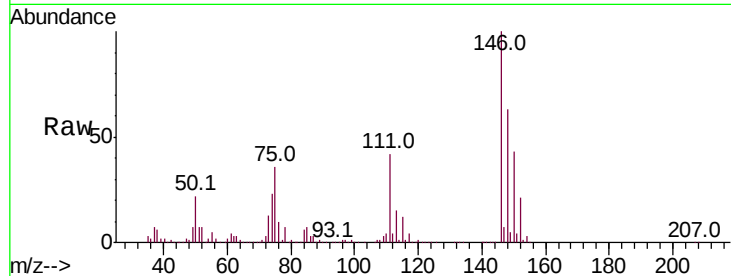




#65
 1,2-Dichlorobenzene
 Concen: 25.708 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

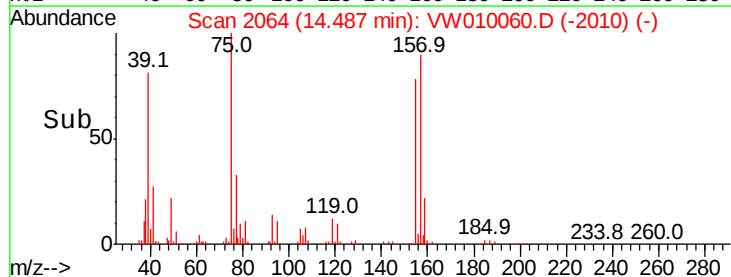
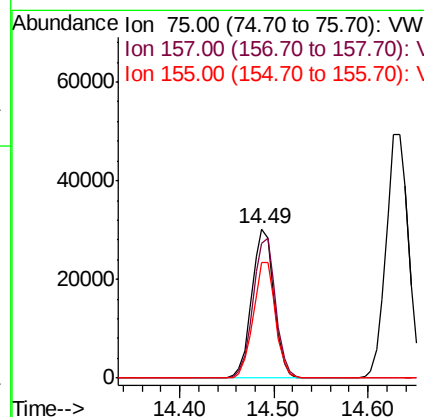
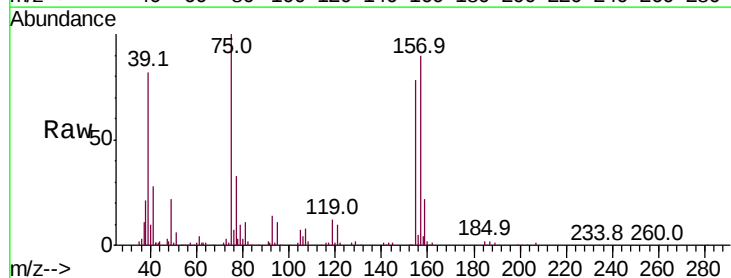
Instrument :
 MSVOA_W
 ClientSampleId :

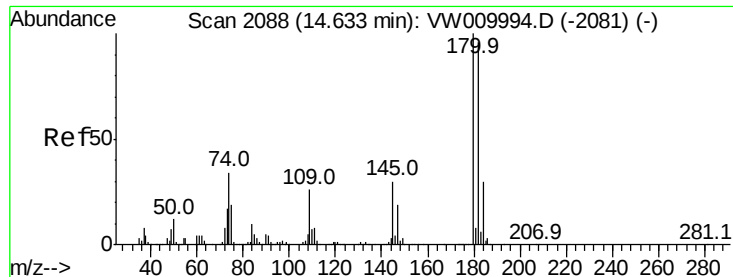
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	35.0	52.6
148	62.5	50.4	75.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 24.716 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
157	90.3	73.3	109.9
155	77.8	58.6	88.0

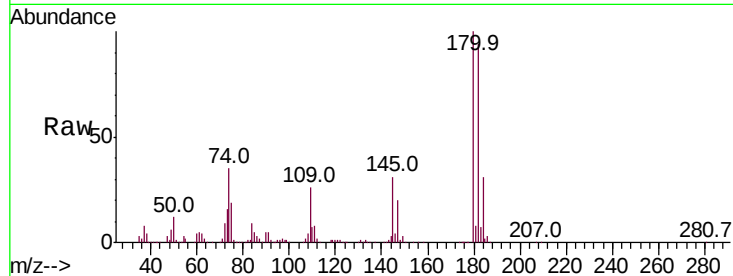




#67
 1,3,5-Trichlorobenzene
 Concen: 27.104 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
184	30.4	24.0	36.0
145	30.6	24.4	36.6



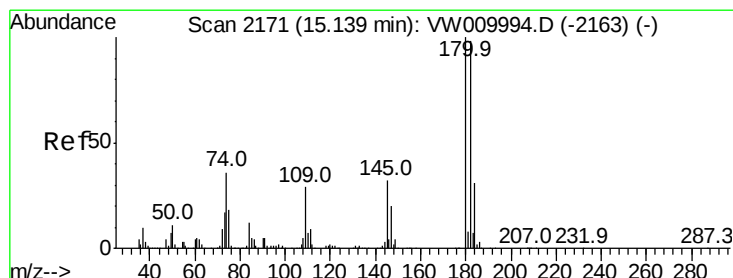
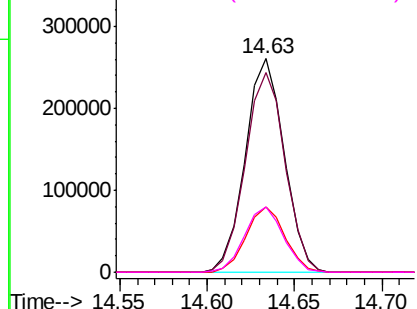
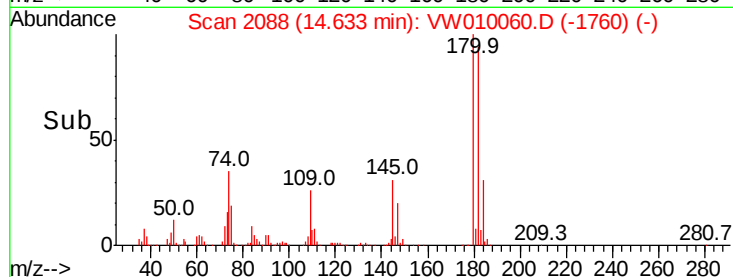
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

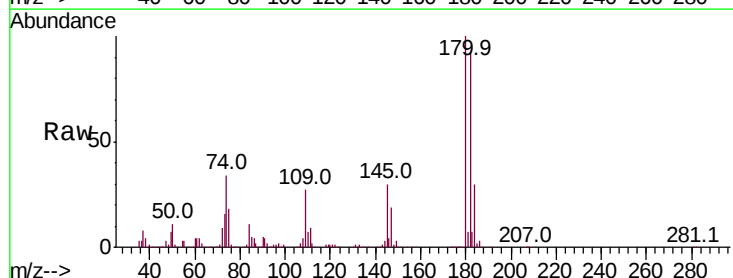
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 27.145 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010060.D
 Acq: 19 Apr 2019 11:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.4	113.0
145	30.9	25.0	37.4

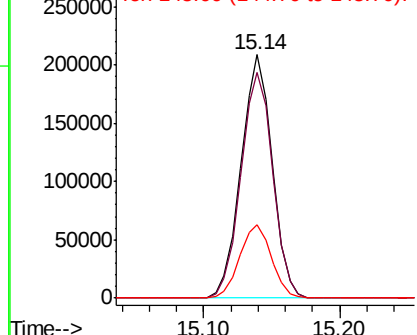
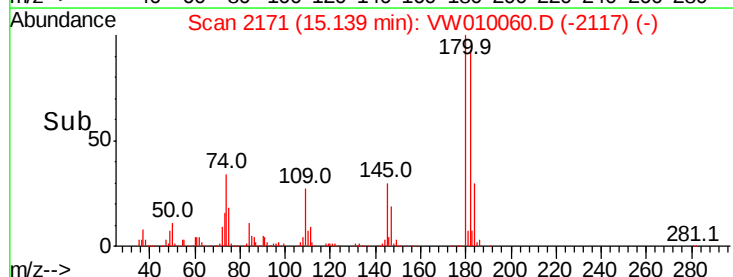


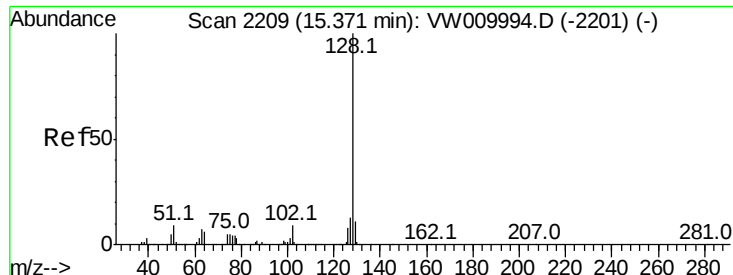
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 28.084 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

Instrument :

MSVOA_W

ClientSampled :

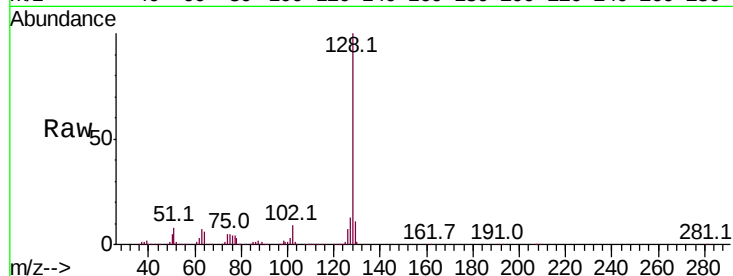
Tot Ion:128 Resp: 738499

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

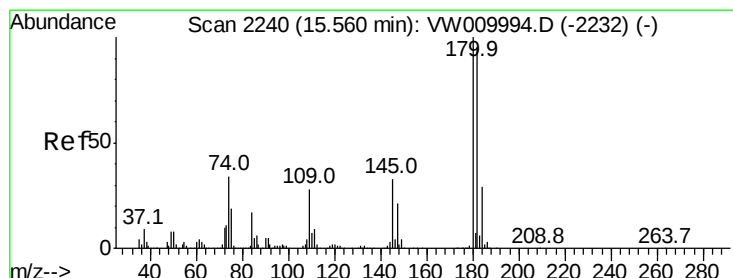
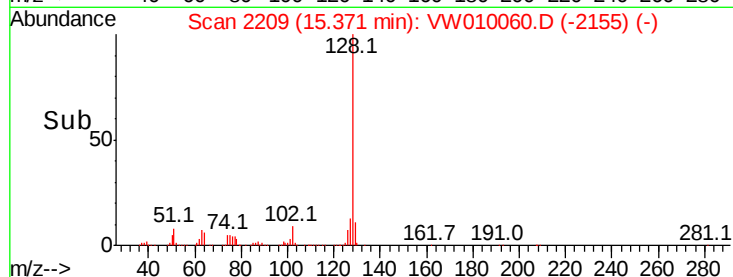
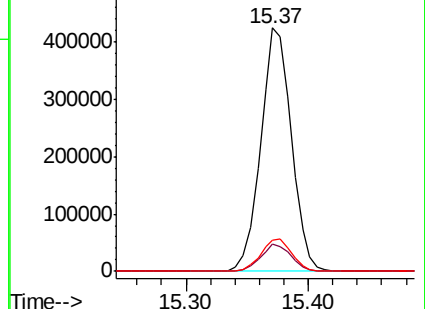
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 27.288 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010060.D

Acq: 19 Apr 2019 11:20

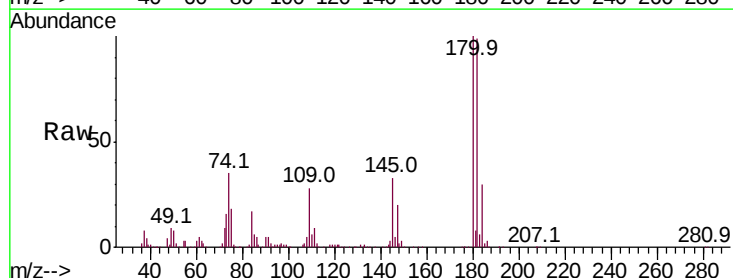
Tgt Ion:180 Resp: 319006

Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 33.4 26.3 39.5



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

