

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013887.D
 Acq On : 01 Nov 2019 07:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 08:12:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 07:47:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	321680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318521	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101337	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
7) Chloroethane-d5	2.89	69	83674	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
10) 1,1-Dichloroethene-d2	4.03	63	208712	21.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.20%
20) 2-Butanone-d5	7.07	46	79137	45.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.96%
24) Chloroform-d	7.65	84	222298	22.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	8.30	65	120574	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.08%
29) Benzene-d6	8.27	84	460271	22.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.20%
33) 1,2-Dichloropropane-d6	9.27	67	141295	22.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.36%
37) Toluene-d8	10.32	98	435564	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.28%
38) trans-1,3-Dichloropropene-	10.58	79	59810	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.56%
39) 2-Hexanone-d5	10.93	63	63975	44.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124166	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	161703	21.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	71442	20.087	ug/L	98
3) Chloromethane	2.21	50	79251	20.727	ug/L	96
5) Vinyl chloride	2.37	62	122315	22.562	ug/L	98
6) Bromomethane	2.78	94	78460	22.972	ug/L	99
8) Chloroethane	2.92	64	72599	23.714	ug/L	99
9) Trichlorofluoromethane	3.26	101	50894	21.530	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	118454	22.304	ug/L	99
12) 1,1-Dichloroethene	4.04	96	123090	23.112	ug/L	92
13) Acetone	4.12	43	55534	34.477	ug/L	95
14) Carbon disulfide	4.38	76	361736	23.369	ug/L	98
15) Methyl Acetate	4.67	43	74197	25.017	ug/L	99
16) Methylene chloride	4.92	84	139057	22.112	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	170541	25.716	ug/L #	89
18) trans-1,2-Dichloroethene	5.42	96	131407	23.556	ug/L	99
19) 1,1-Dichloroethane	6.21	63	227201	23.810	ug/L	98
21) 2-Butanone	7.16	43	94288	40.794	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	144682	24.229	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013887.D
 Acq On : 01 Nov 2019 07:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 08:12:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 07:47:51 2019
 Response via : Initial Calibration

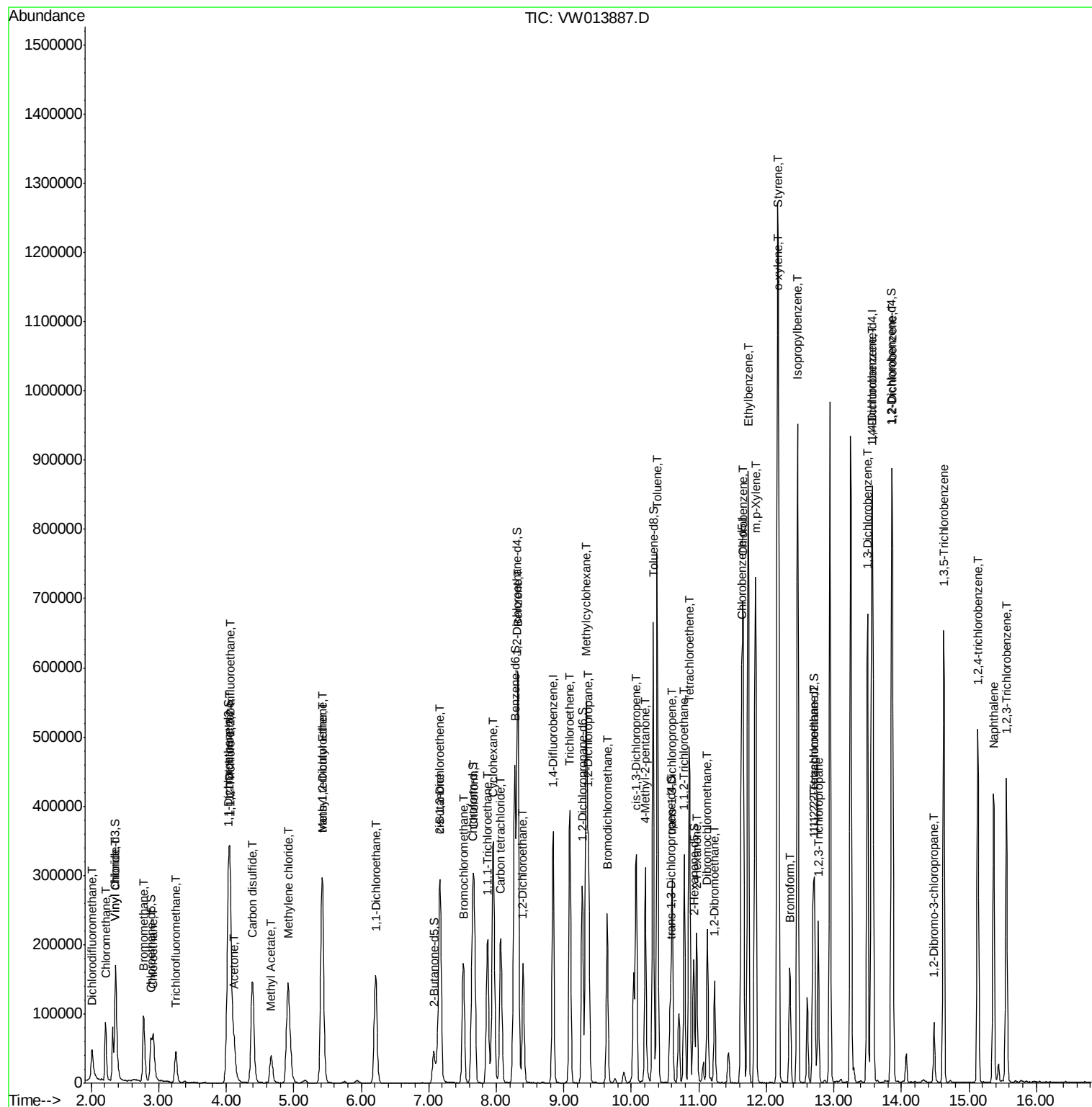
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	68616	24.614	ug/L	97
25) Chloroform	7.67	83	233347	24.358	ug/L	100
27) 1,2-Dichloroethane	8.40	62	155277	24.644	ug/L	99
30) Cyclohexane	7.96	56	210163	22.987	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	173116	23.714	ug/L	99
32) Carbon tetrachloride	8.07	117	169868	23.377	ug/L	99
34) Benzene	8.32	78	537057	24.314	ug/L	100
35) Trichloroethene	9.09	95	137618	23.607	ug/L	99
36) Methylcyclohexane	9.34	83	230512	22.842	ug/L	99
40) 1,2-Dichloropropane	9.37	63	133448	24.456	ug/L	100
41) Bromodichloromethane	9.65	83	169672	24.759	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	201168	23.483	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	203183	48.258	ug/L	99
44) Toluene	10.38	91	583149	24.451	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	165385	23.672	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	106389	24.182	ug/L	97
47) Tetrachloroethene	10.86	164	121590	23.225	ug/L	99
49) 2-Hexanone	10.97	43	135484	44.968	ug/L	98
50) Dibromochloromethane	11.13	129	126433	24.719	ug/L	96
51) 1,2-Dibromoethane	11.23	107	105353	24.466	ug/L	99
52) Chlorobenzene	11.66	112	371069	23.992	ug/L	98
53) Ethylbenzene	11.73	91	630191	23.937	ug/L	98
54) m,p-Xylene	11.84	106	246200	23.904	ug/L	95
55) o-xylene	12.16	106	235957	24.340	ug/L	96
56) Styrene	12.18	104	412648	24.808	ug/L	99
57) Isopropylbenzene	12.46	105	621012	23.936	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	131697	23.844	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	100073	23.780	ug/L	99
62) Bromoform	12.35	173	82837	24.740	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	297465	23.683	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	297373	23.341	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	277765	23.925	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21651	23.596	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	221150	22.887	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	180852	23.335	ug/L	99
69) Naphthalene	15.36	128	368405	24.708	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	170871	23.846	ug/L	98

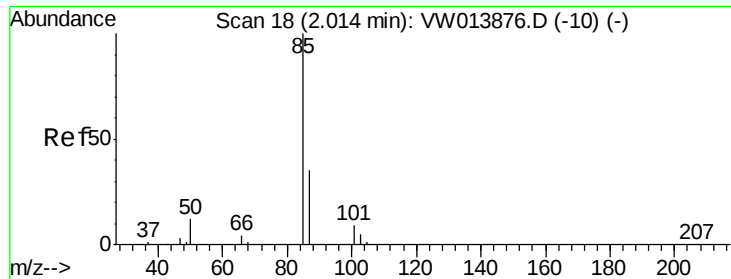
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103119\
Data File : VW013887.D
Acq On : 01 Nov 2019 07:48
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 01 08:12:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 07:47:51 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 20.087 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

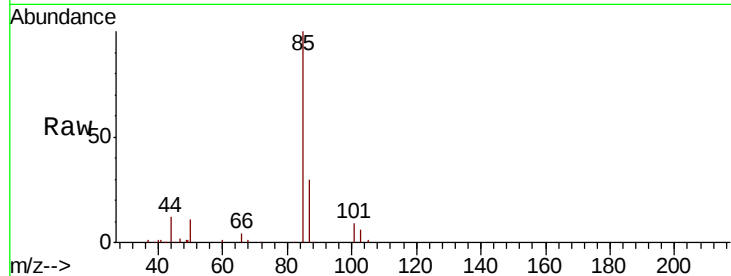
ClientSampleId :

Tot Ion: 85 Resp: 71442

Ion Ratio Lower Upper

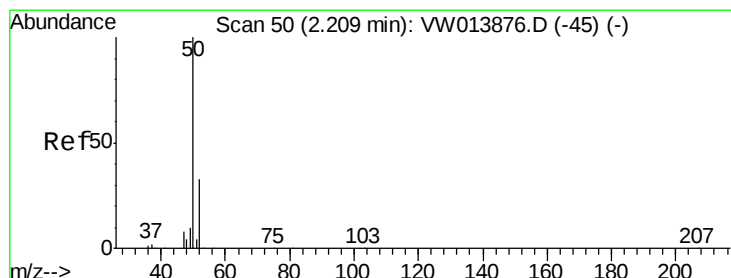
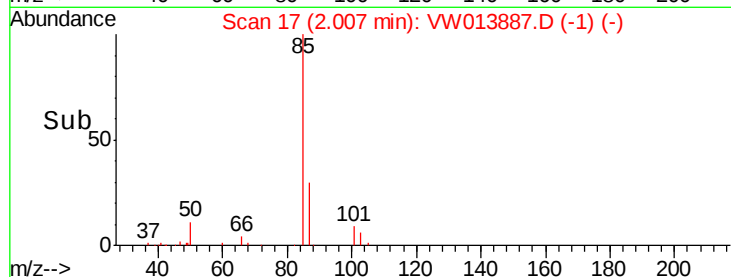
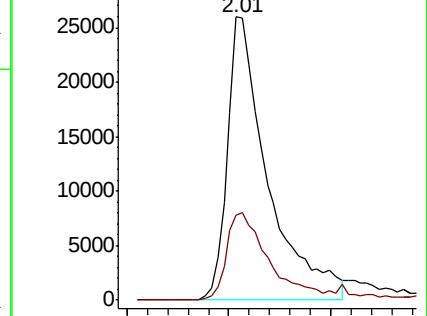
85 100

87 33.0 22.5 41.7



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 20.727 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW013887.D

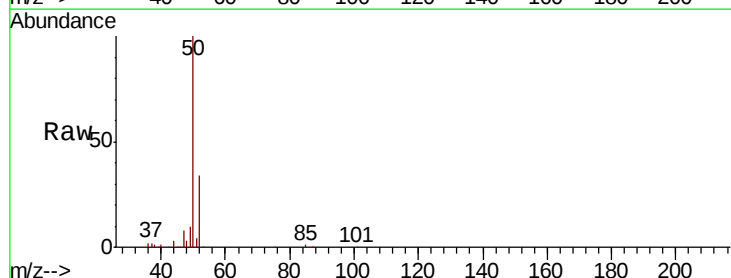
Acq: 01 Nov 2019 07:48

Tgt Ion: 50 Resp: 79251

Ion Ratio Lower Upper

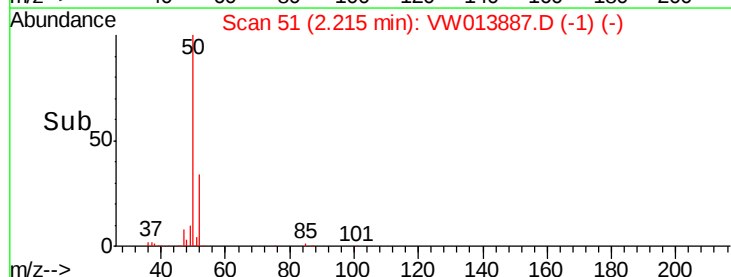
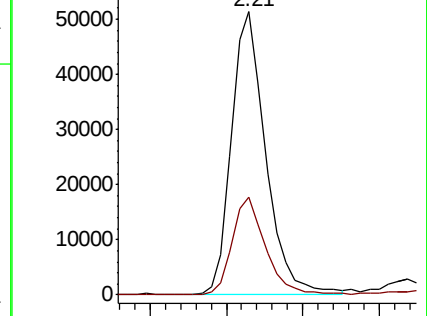
50 100

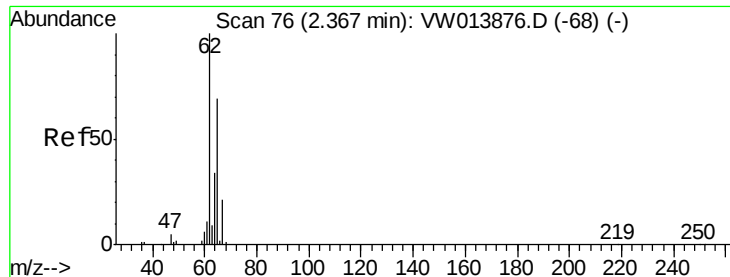
52 34.4 22.5 41.9



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 22.562 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

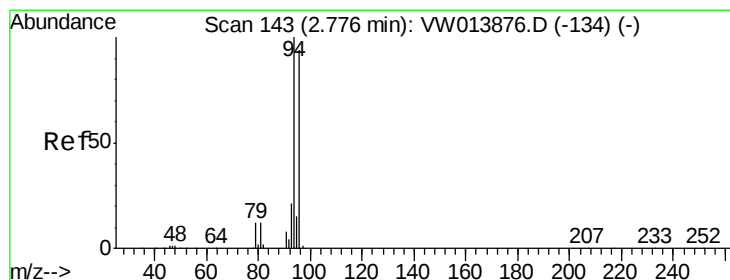
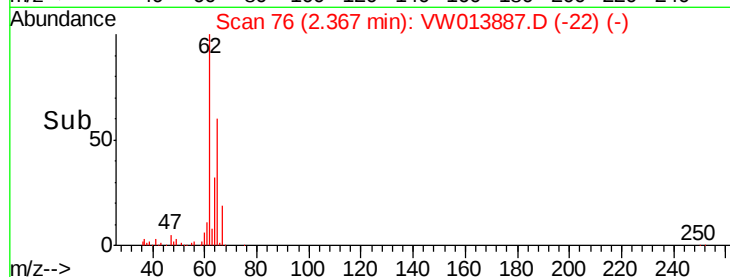
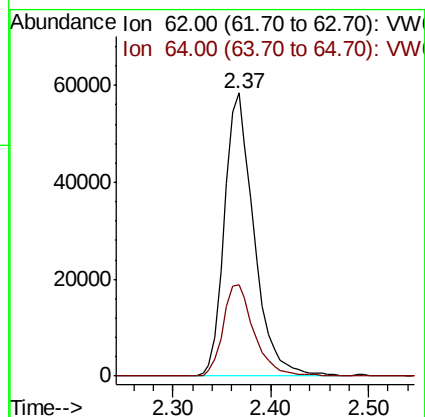
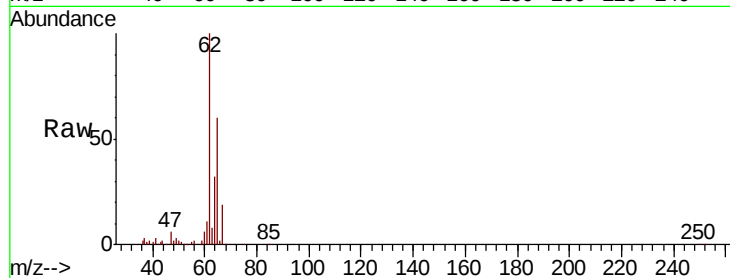
ClientSampleId :

Tot Ion: 62 Resp: 122315

Ion Ratio Lower Upper

62 100

64 32.3 23.3 43.3



#6

Bromomethane

Concen: 22.972 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW013887.D

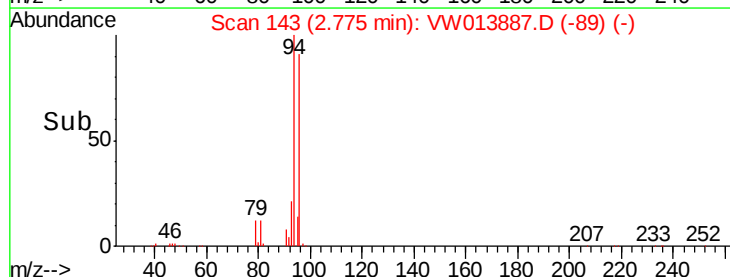
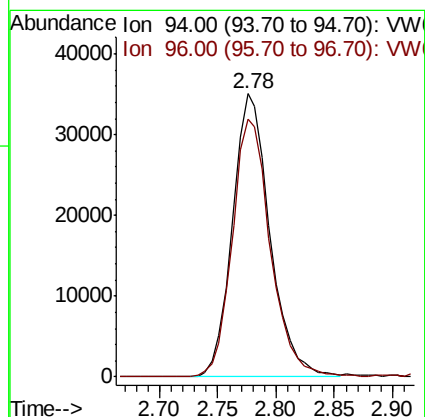
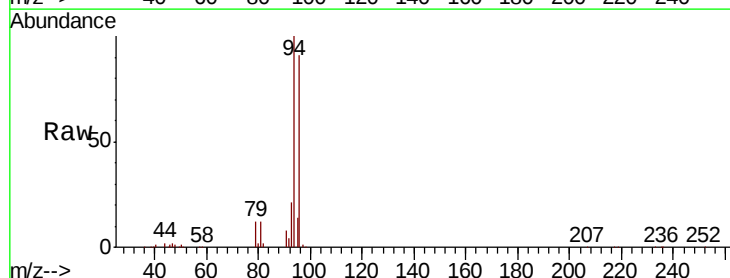
Acq: 01 Nov 2019 07:48

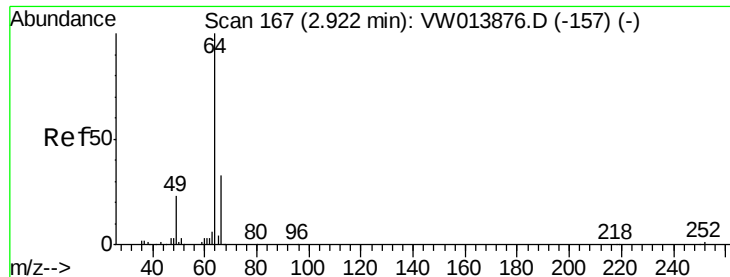
Tgt Ion: 94 Resp: 78460

Ion Ratio Lower Upper

94 100

96 92.7 9.3 177.3





#8

Chloroethane

Concen: 23.714 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

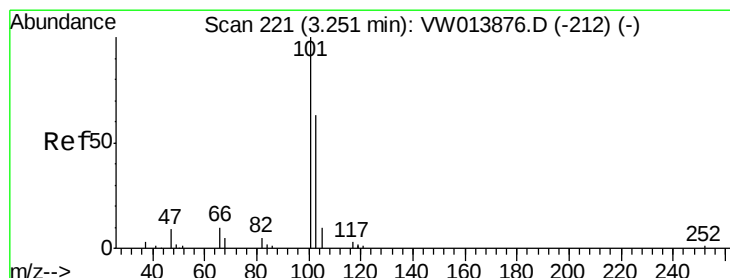
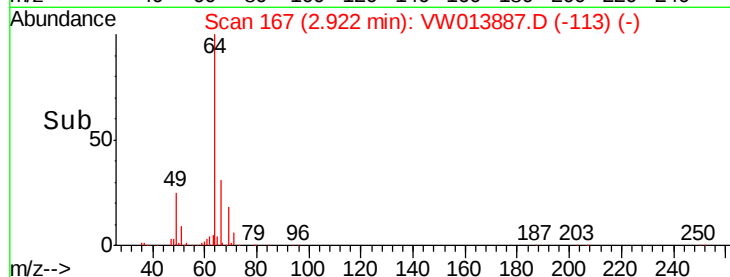
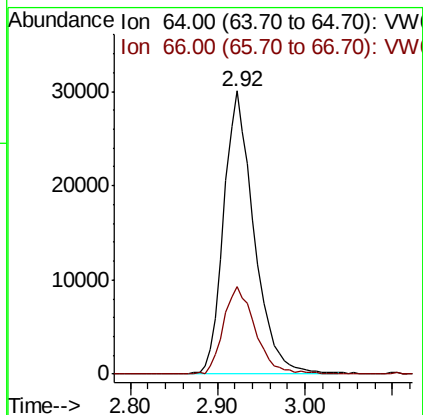
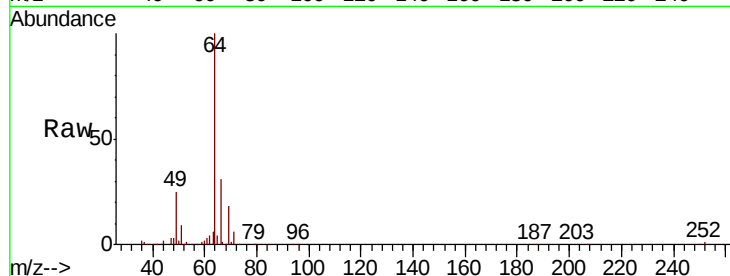
ClientSampleId :

Tot Ion: 64 Resp: 72599

Ion Ratio Lower Upper

64 100

66 30.7 22.0 41.0



#9

Trichlorofluoromethane

Concen: 21.530 ug/L

RT: 3.26 min Scan# 222

Delta R.T. 0.01 min

Lab File: VW013887.D

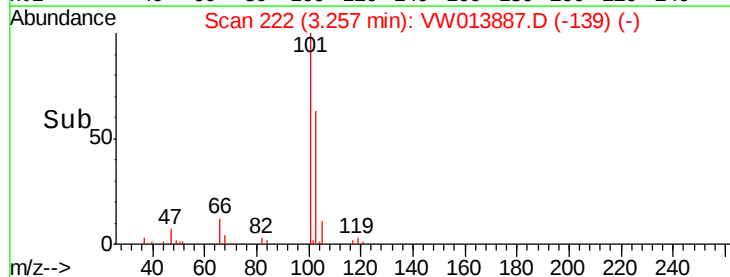
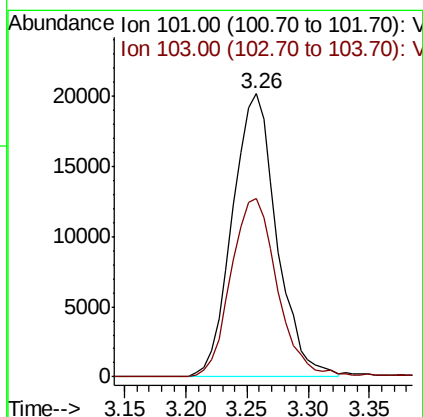
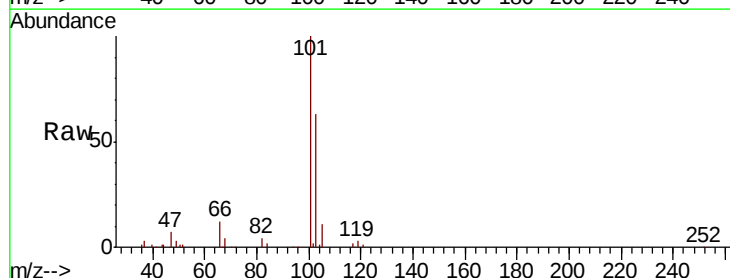
Acq: 01 Nov 2019 07:48

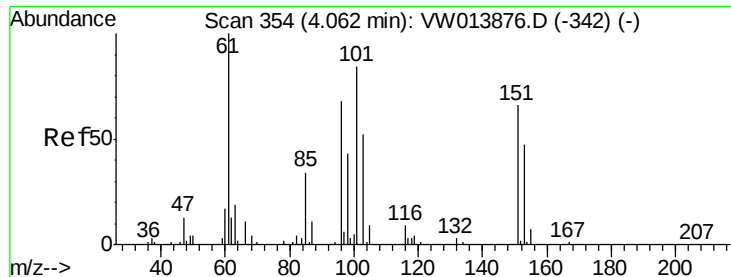
Tgt Ion: 101 Resp: 50894

Ion Ratio Lower Upper

101 100

103 65.0 45.8 85.0





#11

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

Concen: 22.304 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

ClientSampleId :

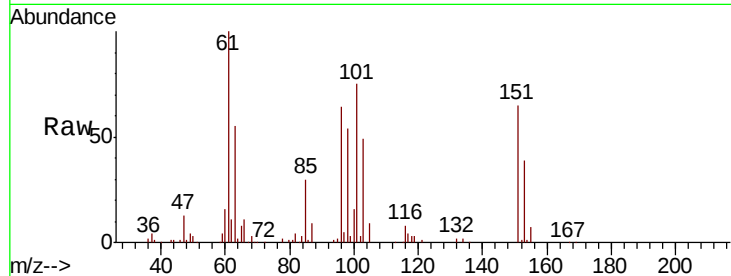
Tot Ion:101 Resp: 118454

Ion Ratio Lower Upper

101 100

85 39.2 32.6 48.8

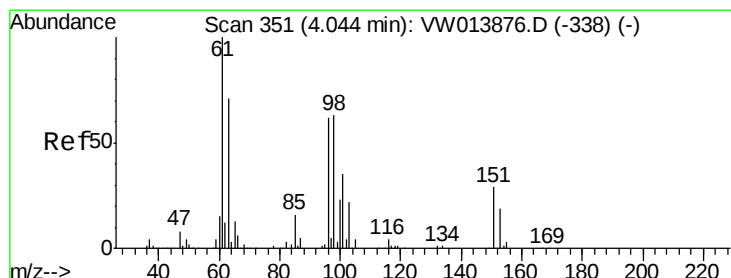
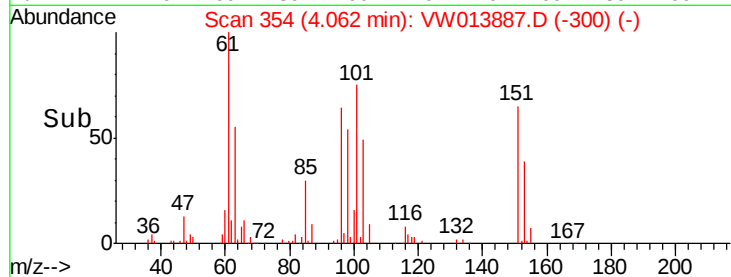
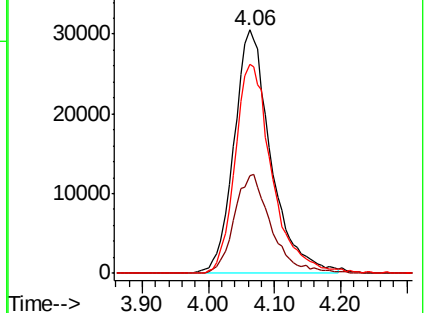
151 85.1 68.2 102.4



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: 23.112 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

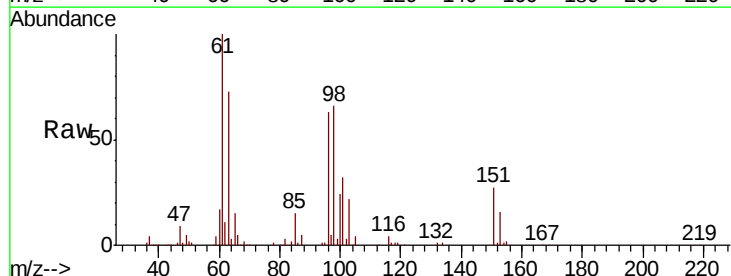
Tgt Ion: 96 Resp: 123090

Ion Ratio Lower Upper

96 100

61 158.9 110.4 205.0

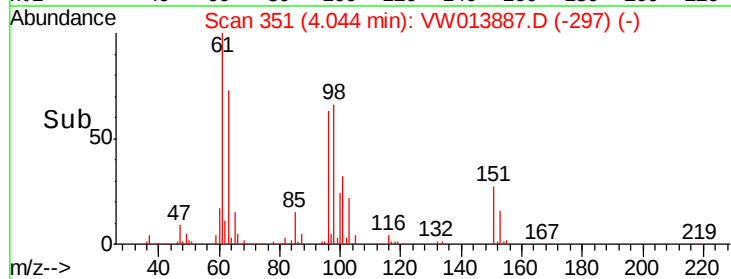
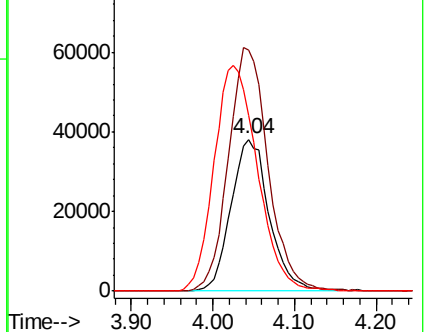
63 116.1 95.5 177.3

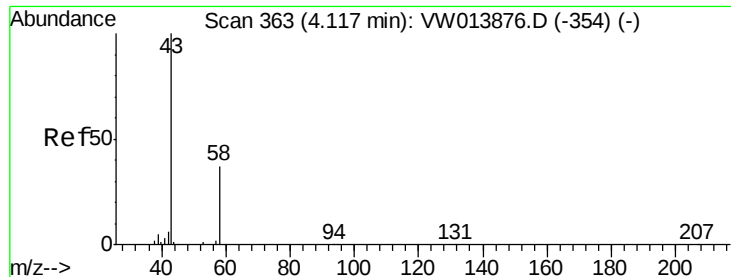


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 34.477 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

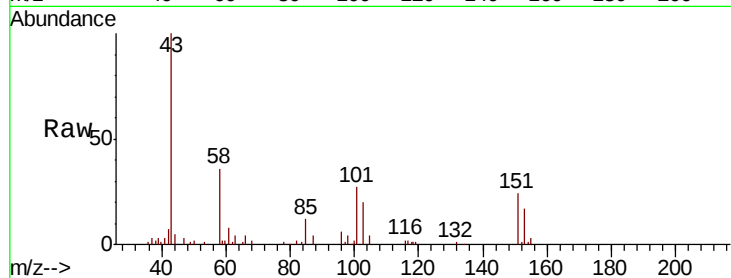
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 55534

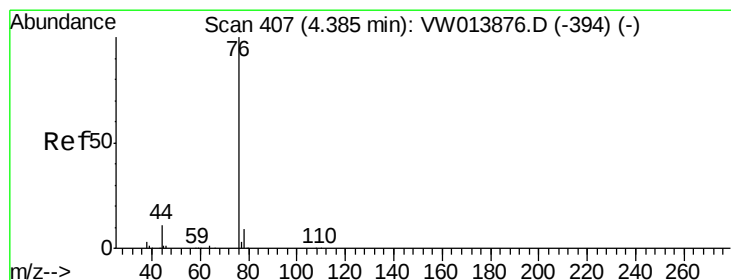
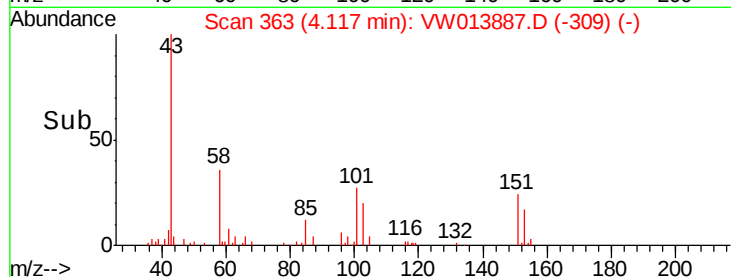
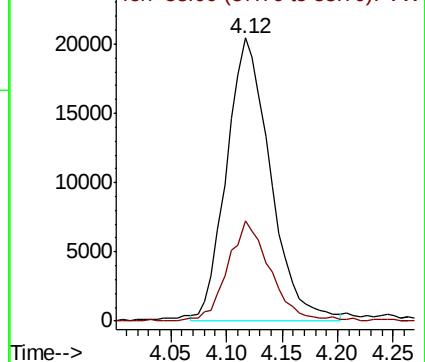
Ion Ratio Lower Upper

43 100

58 34.3 0.0 63.4



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



#14

Carbon disulfide

Concen: 23.369 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW013887.D

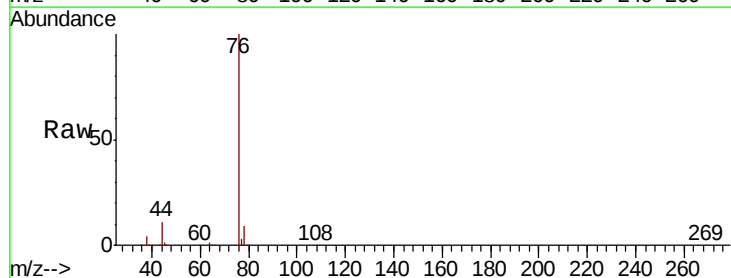
Acq: 01 Nov 2019 07:48

Tgt Ion: 76 Resp: 361736

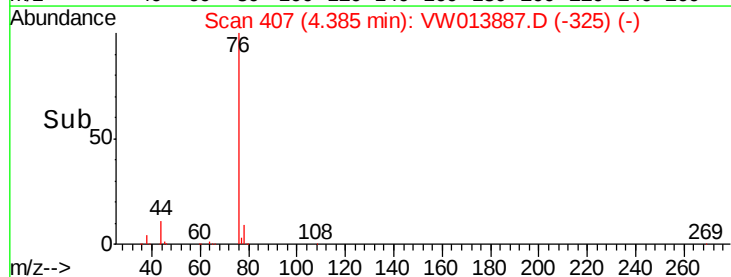
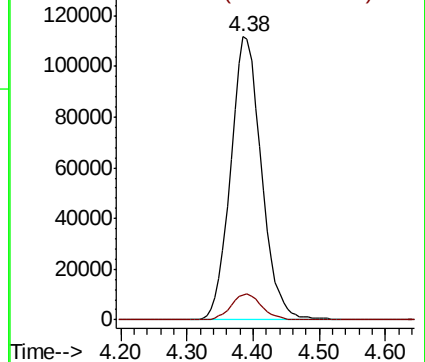
Ion Ratio Lower Upper

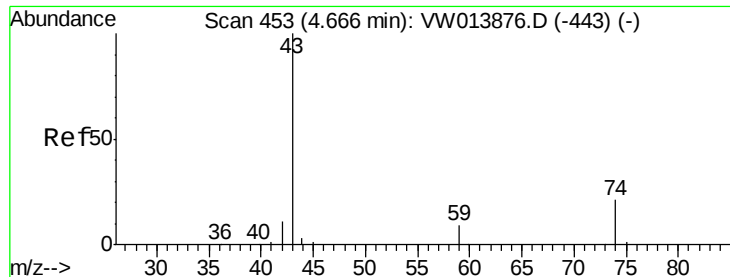
76 100

78 8.8 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VW
Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 25.017 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

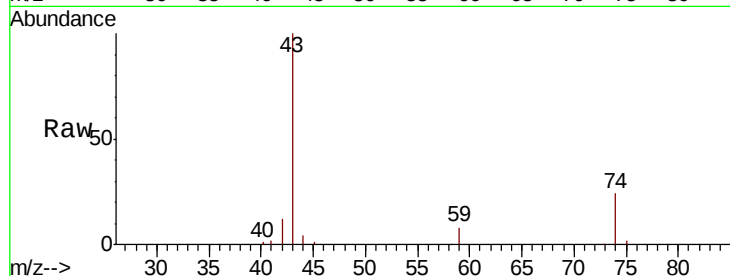
ClientSampled :

Tot Ion: 43 Resp: 74197

Ion Ratio Lower Upper

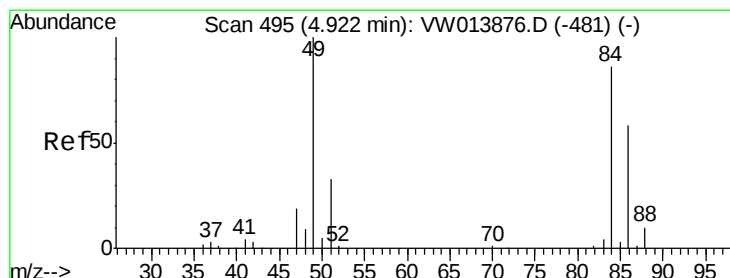
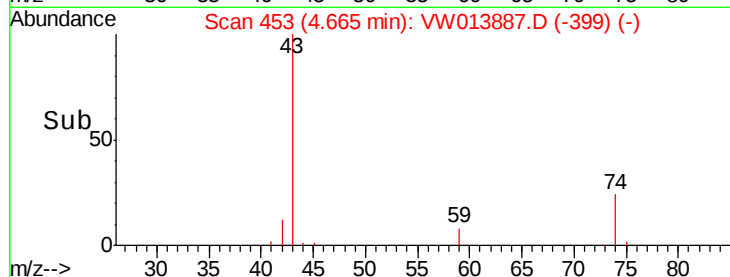
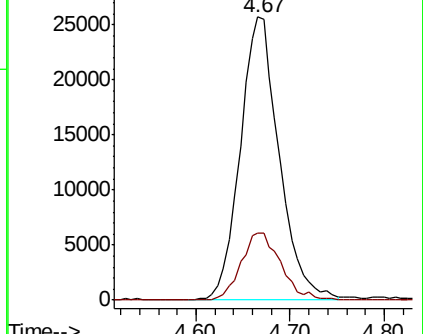
43 100

74 23.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 22.112 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

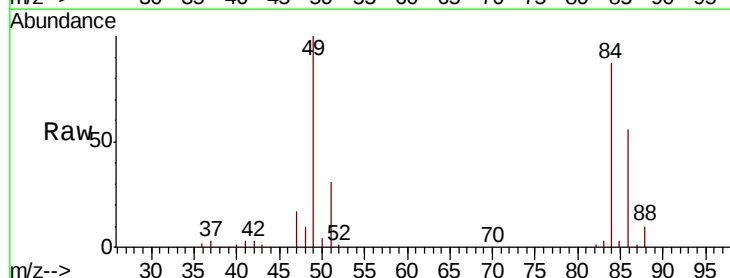
Tgt Ion: 84 Resp: 139057

Ion Ratio Lower Upper

84 100

49 115.6 82.2 152.6

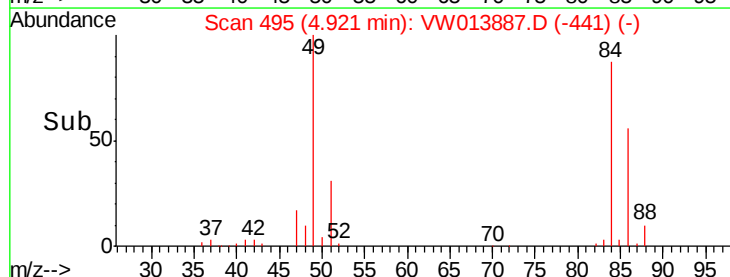
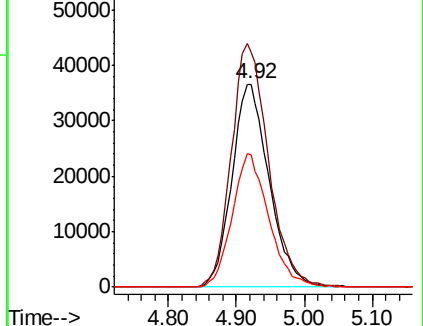
86 65.3 45.6 84.8

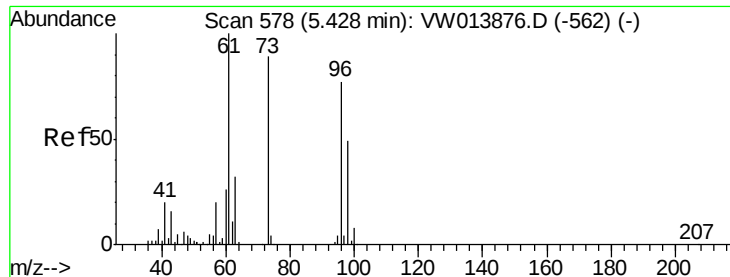


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

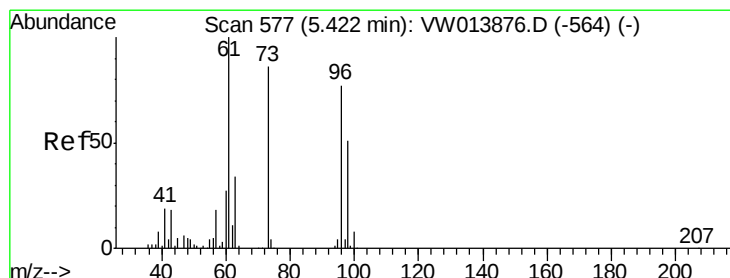
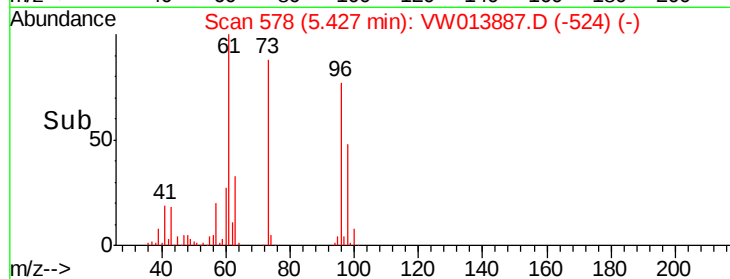
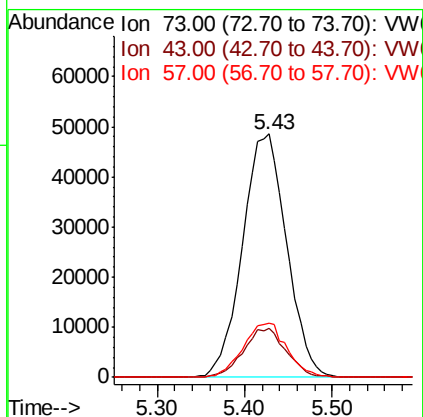
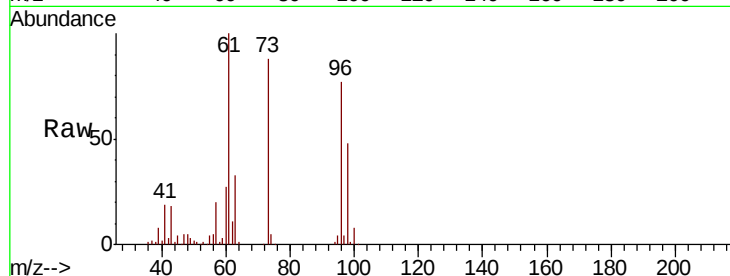




#17
Methvl tert-butvl Ether
Concen: 25.716 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

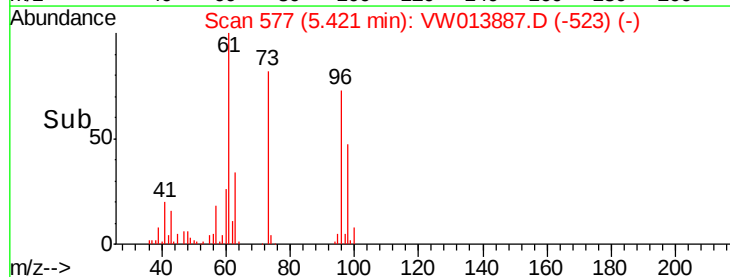
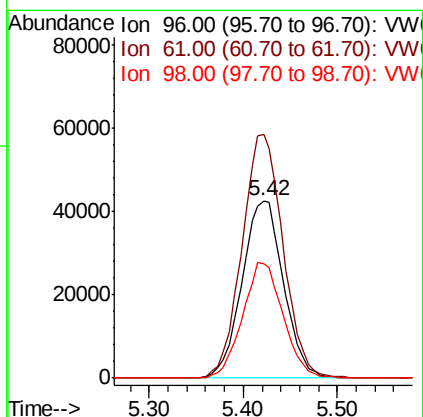
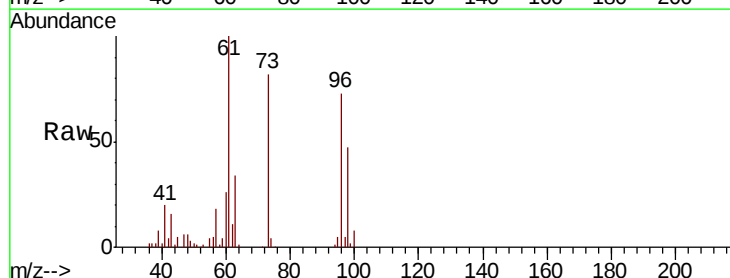
Instrument :
MSVOA_W
ClientSampleId :

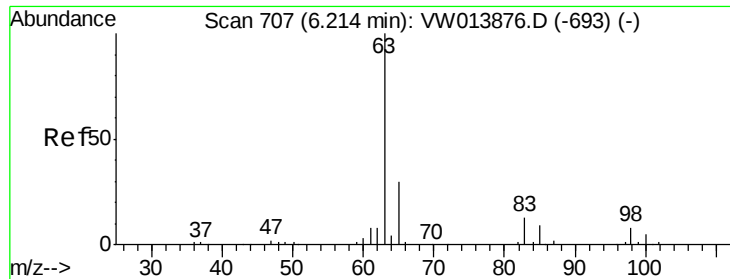
Tot Ion: 73 Resp: 170541
Ion Ratio Lower Upper
73 100
43 19.5 15.3 22.9
57 22.1 9.4 14.2#



#18
trans-1,2-Dichloroethene
Concen: 23.556 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

Tgt Ion: 96 Resp: 131407
Ion Ratio Lower Upper
96 100
61 137.3 95.5 177.4
98 64.4 45.4 84.4

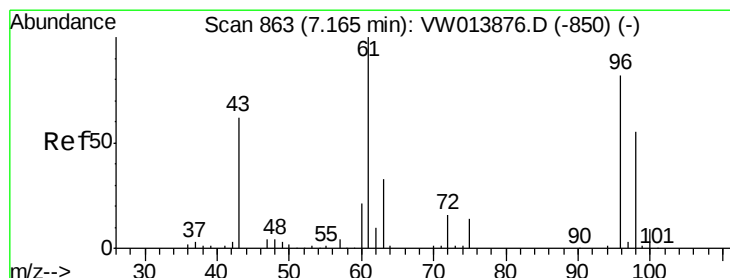
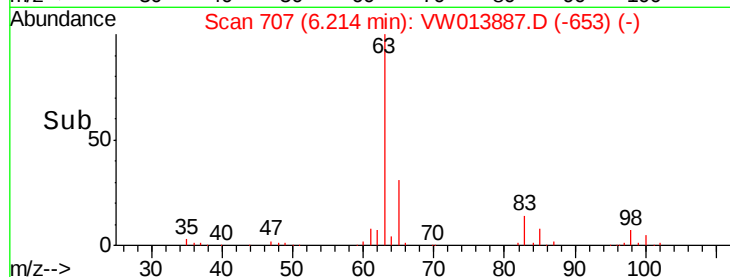
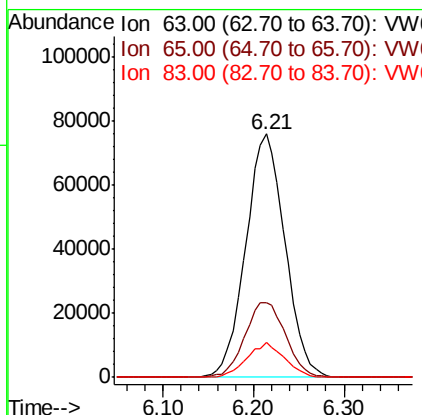
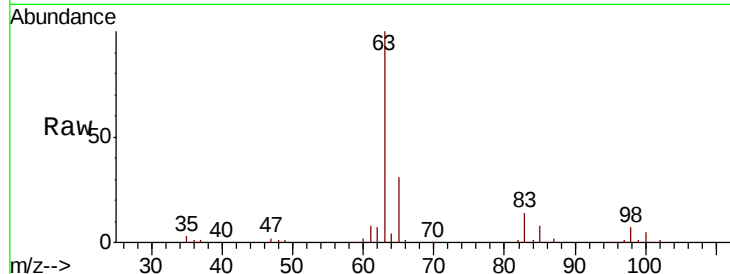




#19
 1,1-Dichloroethane
 Concen: 23.810 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

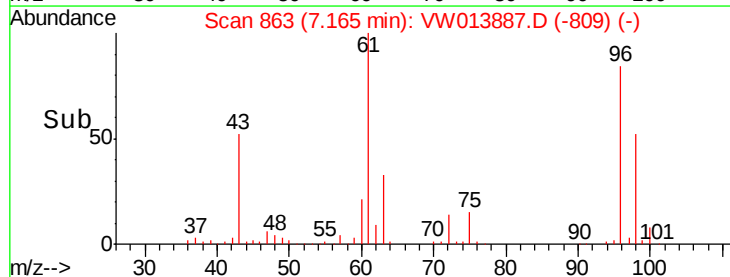
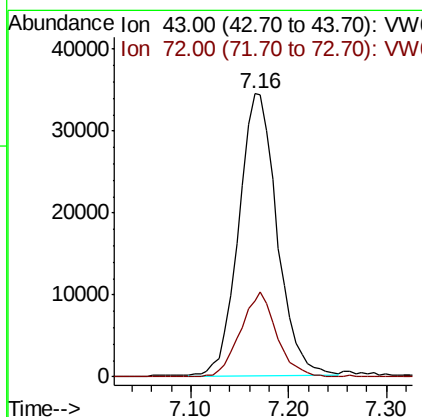
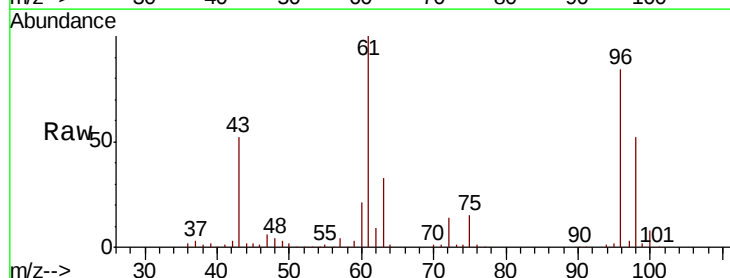
Instrument :
 MSVOA_W
 ClientSampled :

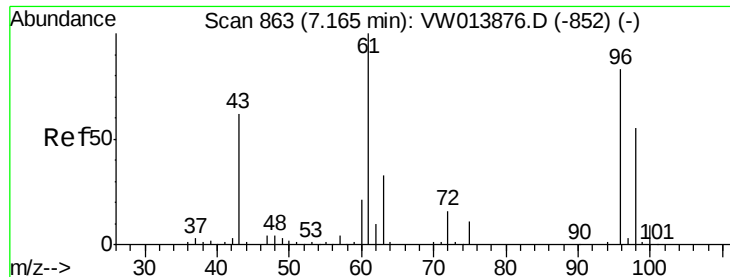
Tot Ion: 63 Resp: 227201
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.0 40.8
 83 14.5 9.1 16.9



#21
 2-Butanone
 Concen: 40.794 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Tgt Ion: 43 Resp: 94288
 Ion Ratio Lower Upper
 43 100
 72 28.3 14.0 41.9



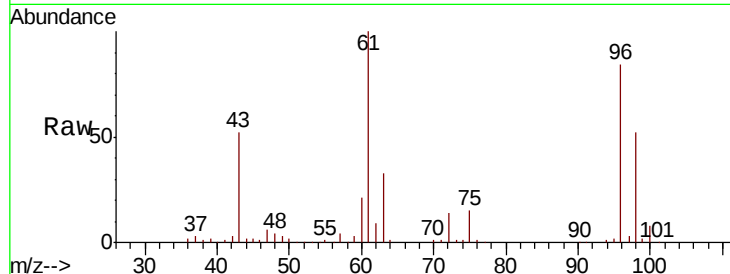


#22

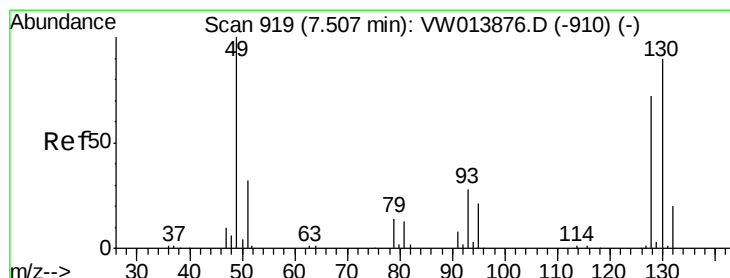
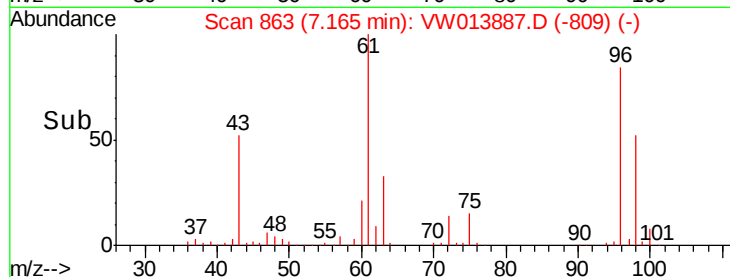
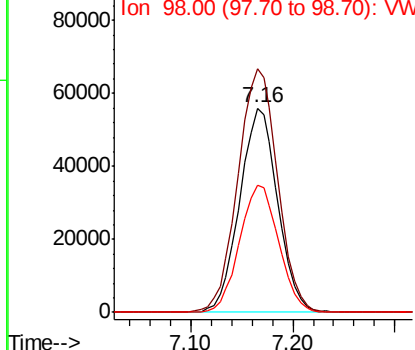
cis-1,2-Dichloroethene
Concen: 24.229 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 144682
Ion Ratio Lower Upper
96 100
61 119.2 86.6 160.8
98 62.5 44.5 82.7



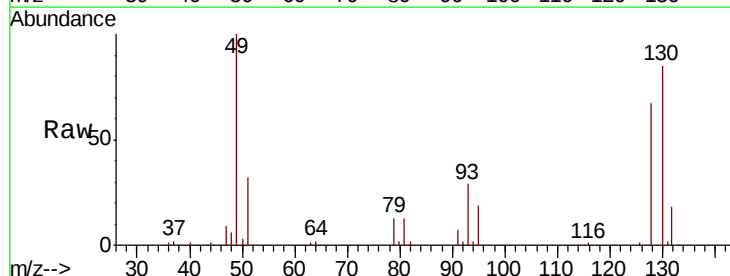
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



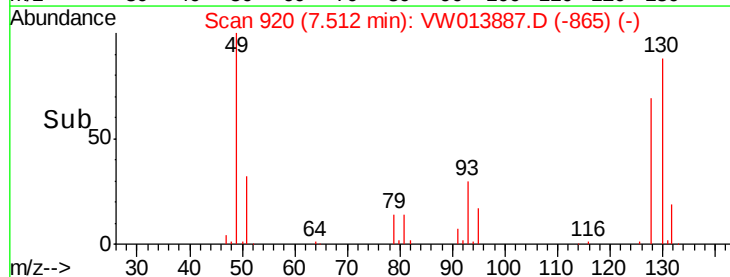
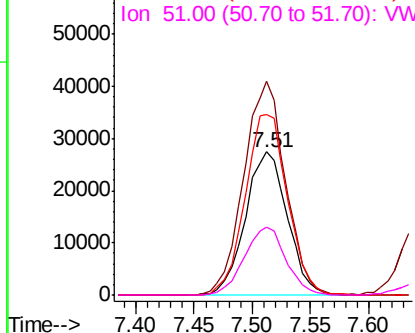
#23

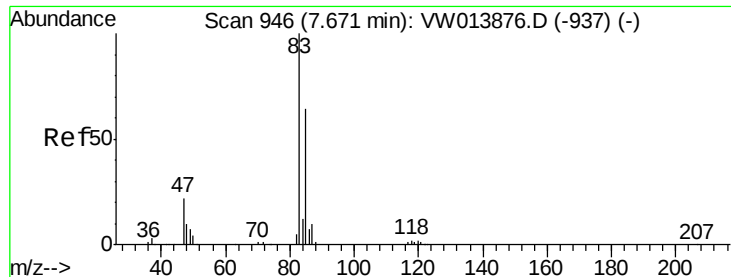
Bromochloromethane
Concen: 24.614 ug/L
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

Tgt Ion: 128 Resp: 68616
Ion Ratio Lower Upper
128 100
49 149.3 99.1 184.1
130 126.6 88.8 164.8
51 47.8 39.6 59.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW





#25

Chloroform

Concen: 24.358 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

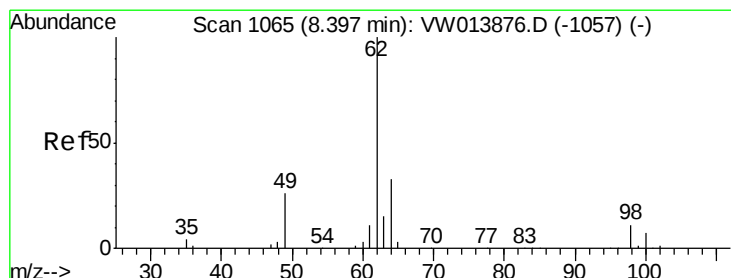
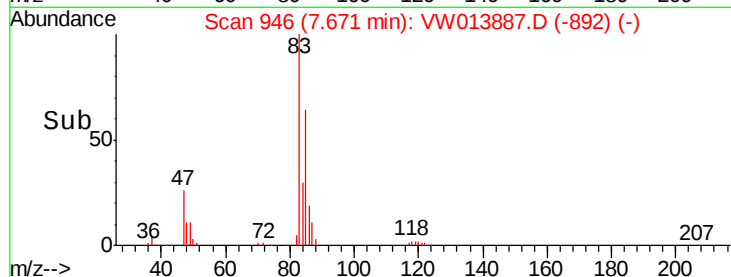
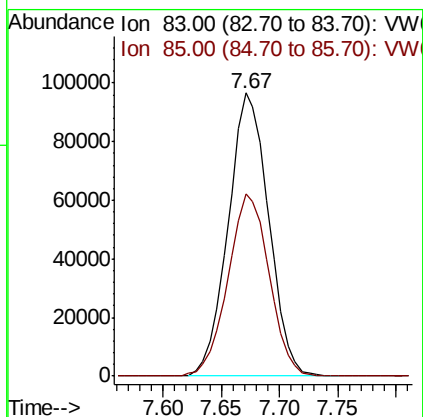
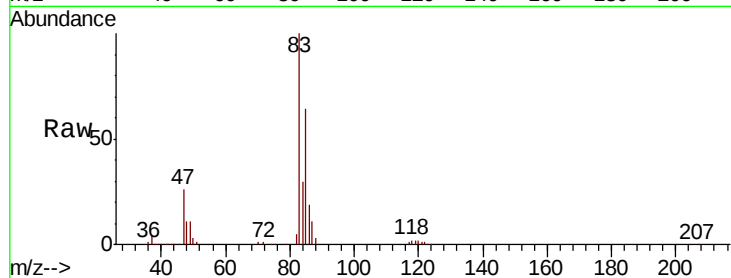
ClientSampled :

Tot Ion: 83 Resp: 233347

Ion Ratio Lower Upper

83 100

85 65.7 46.2 85.8



#27

1,2-Dichloroethane

Concen: 24.644 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013887.D

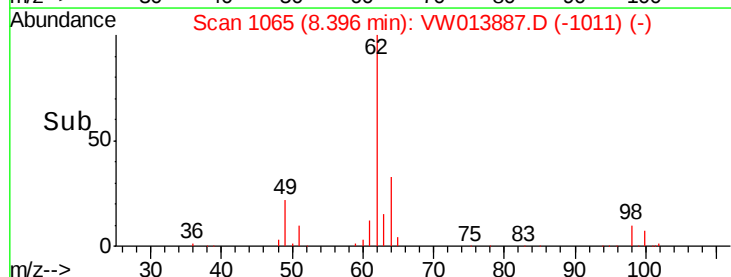
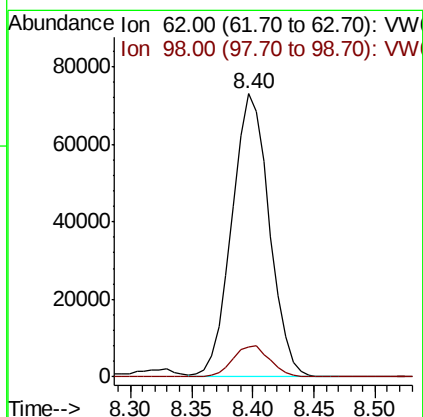
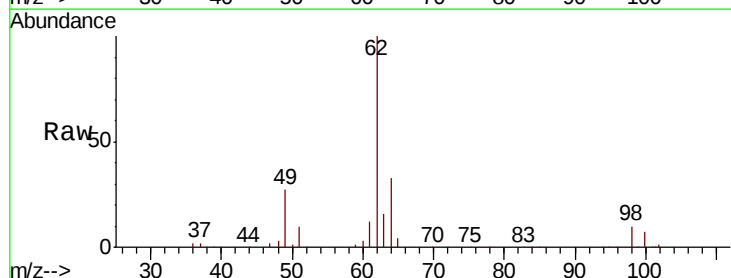
Acq: 01 Nov 2019 07:48

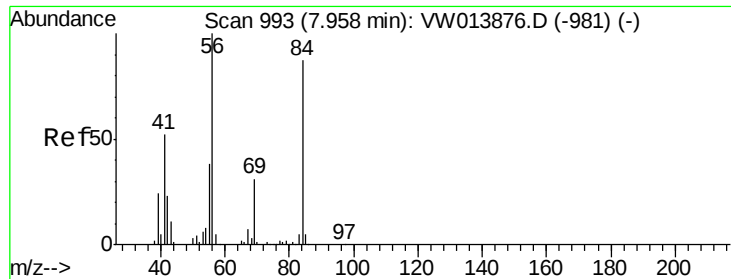
Tgt Ion: 62 Resp: 155277

Ion Ratio Lower Upper

62 100

98 10.4 8.6 12.8

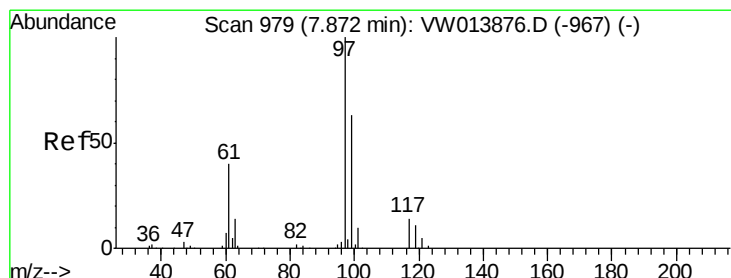
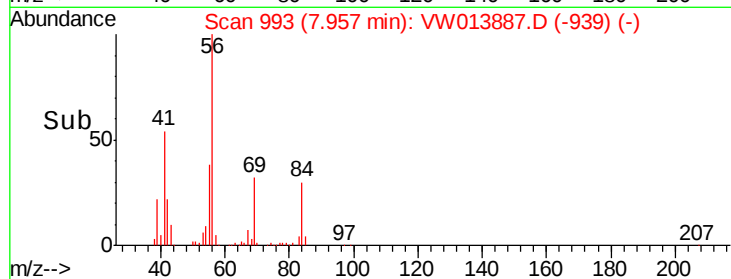
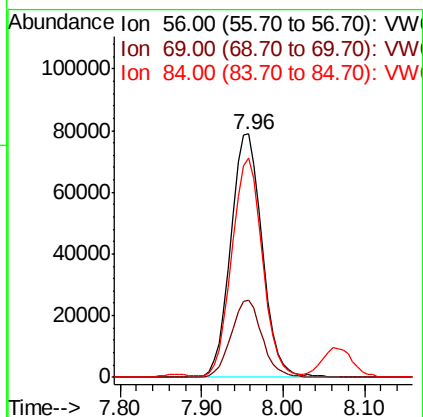
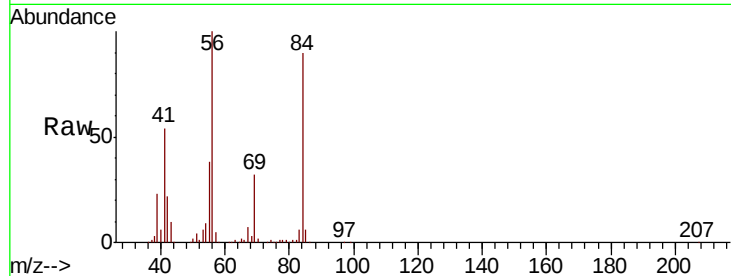




#30
Cyclohexane
Concen: 22.987 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

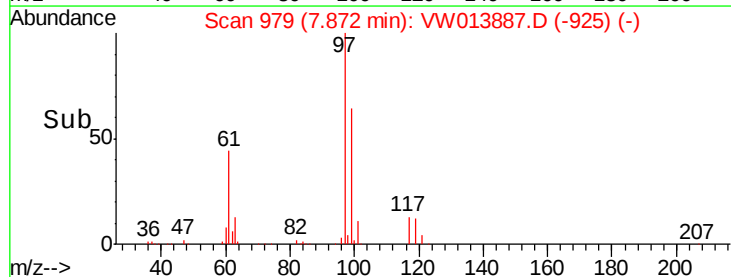
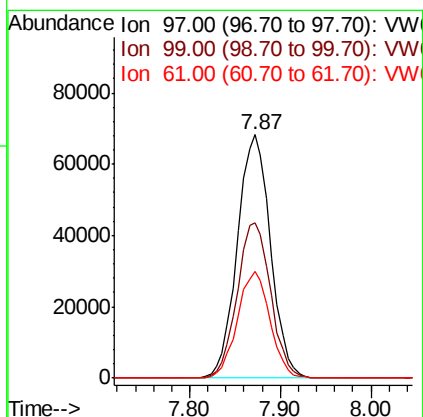
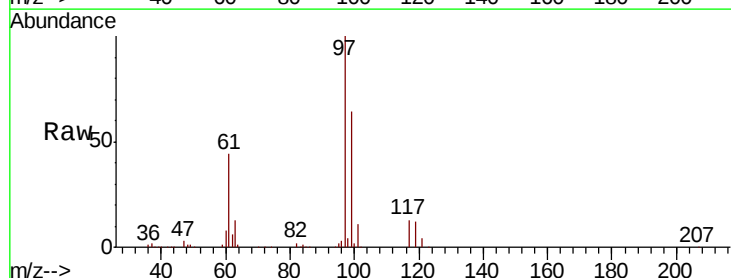
Instrument :
MSVOA_W
ClientSampled :

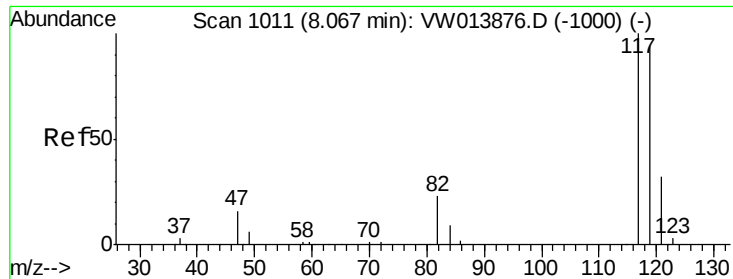
Tot Ion: 56 Resp: 210163
Ion Ratio Lower Upper
56 100
69 31.1 24.6 36.8
84 87.9 70.2 105.4



#31
1,1,1-Trichloroethane
Concen: 23.714 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

Tgt Ion: 97 Resp: 173116
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 43.0 33.6 50.4





#32

Carbon tetrachloride

Concen: 23.377 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

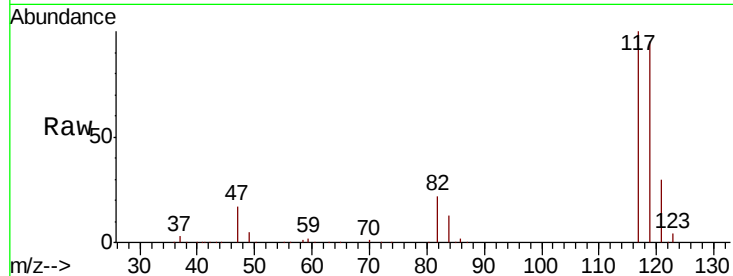
ClientSampleId :

Tot Ion:117 Resp: 169868

Ion Ratio Lower Upper

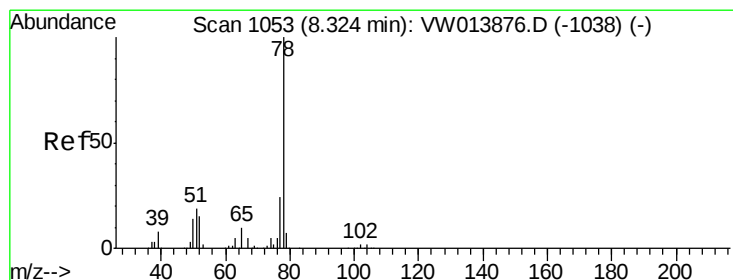
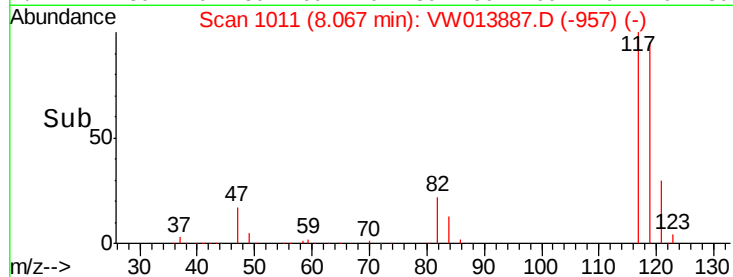
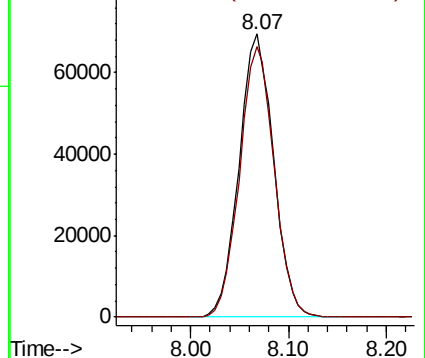
117 100

119 95.7 75.8 113.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 24.314 ug/L

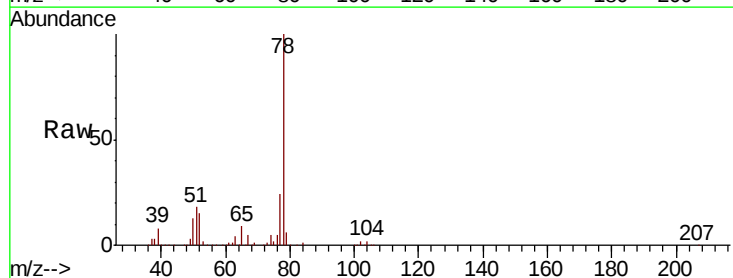
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

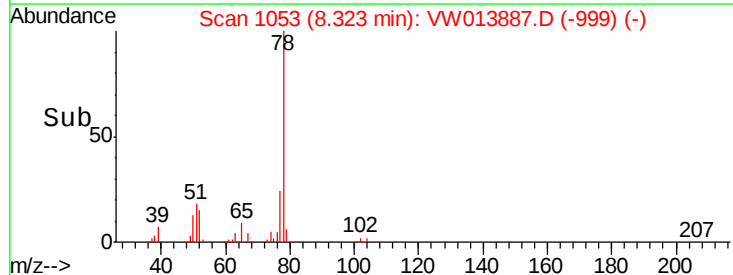
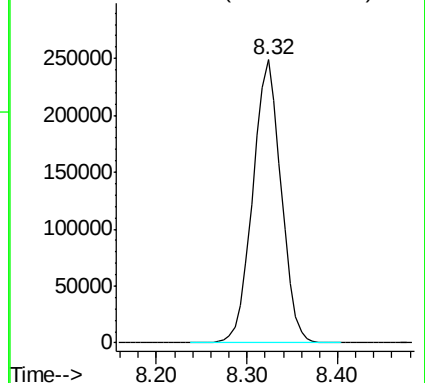
Lab File: VW013887.D

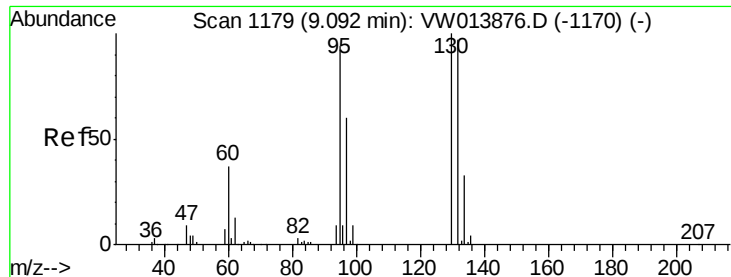
Acq: 01 Nov 2019 07:48

Tgt Ion: 78 Resp: 537057



Abundance Ion 78.00 (77.70 to 78.70): VW

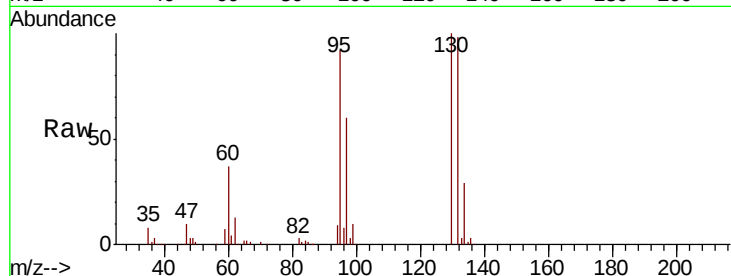




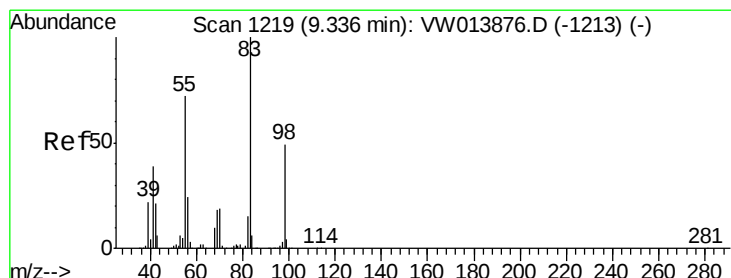
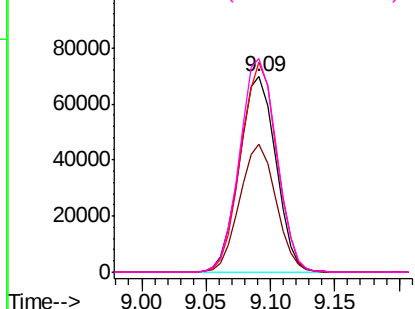
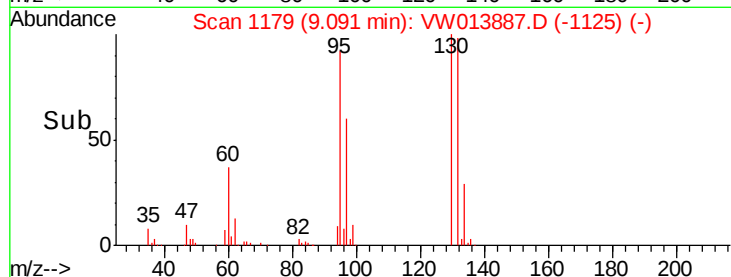
#35
 Trichloroethene
 Concen: 23.607 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	95	Resp:	137618
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.0	83.6
132	105.0	72.4	134.4
130	110.0	76.6	142.3

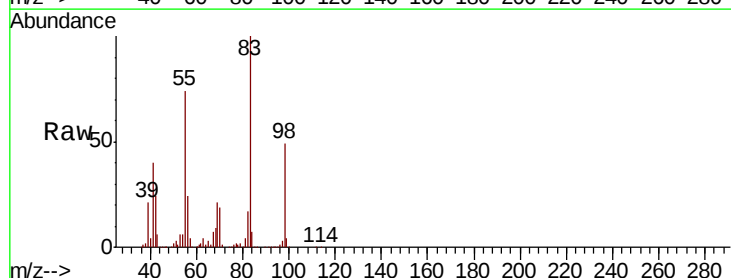


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

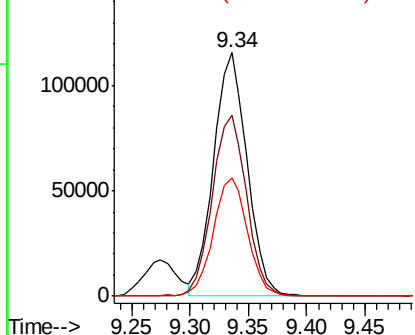
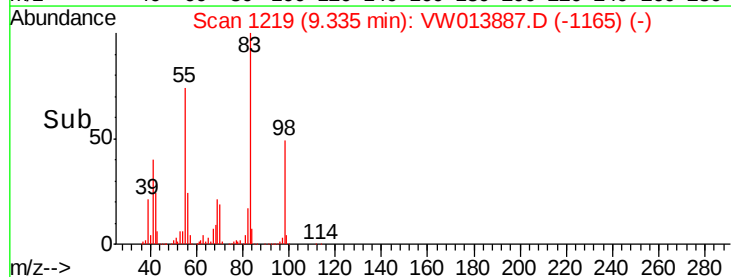


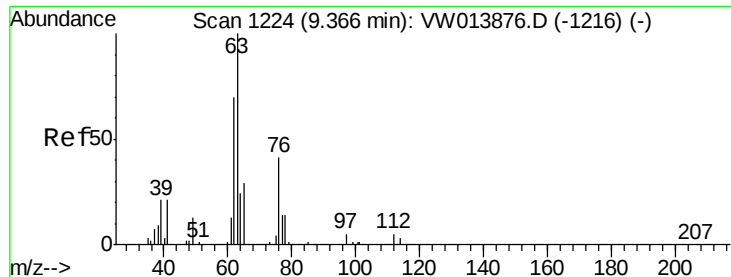
#36
 Methylcyclohexane
 Concen: 22.842 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Tgt Ion:	83	Resp:	230512
Ion	Ratio	Lower	Upper
83	100		
55	76.1	60.3	90.5
98	49.4	39.4	59.2



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

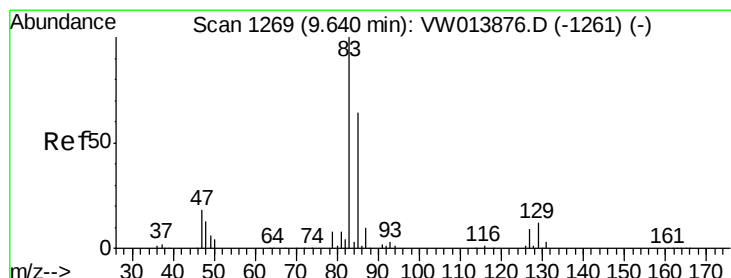
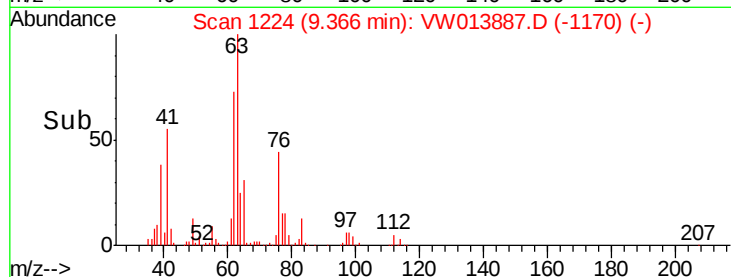
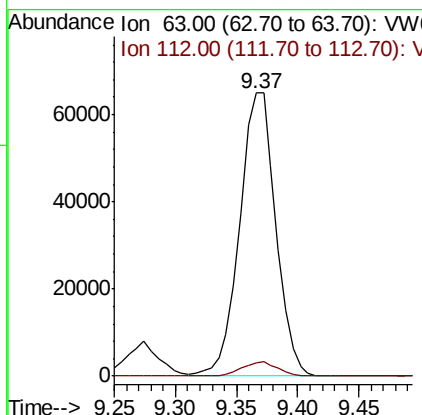
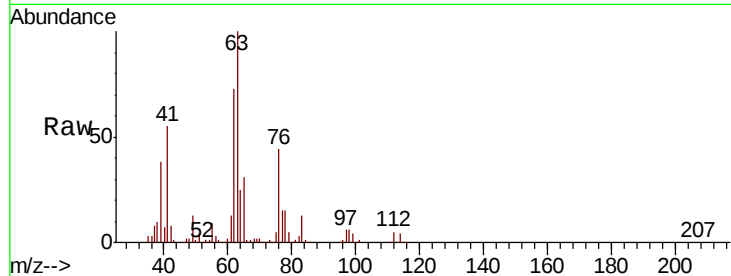




#40
 1,2-Dichloropropane
 Concen: 24.456 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

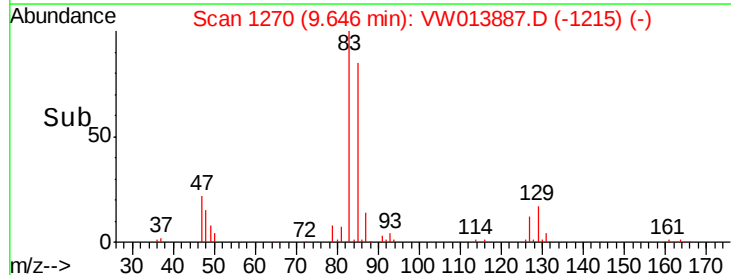
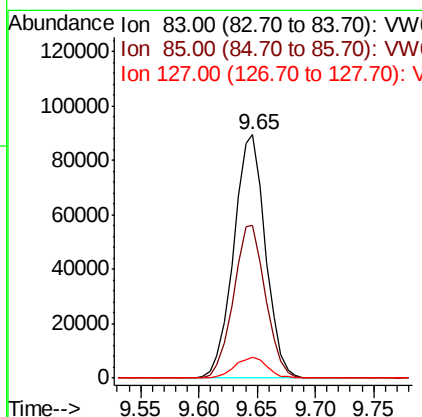
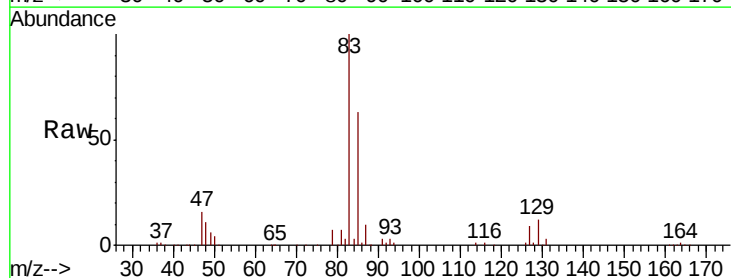
Instrument :
 MSVOA_W
 ClientSampled :

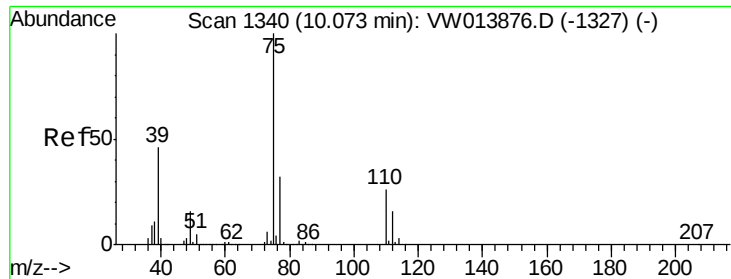
Tot Ion: 63 Resp: 133448
 Ion Ratio Lower Upper
 63 100
 112 5.1 4.1 6.1



#41
 Bromodichloromethane
 Concen: 24.759 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Tgt Ion: 83 Resp: 169672
 Ion Ratio Lower Upper
 83 100
 85 62.6 43.5 80.7
 127 8.7 6.9 10.3

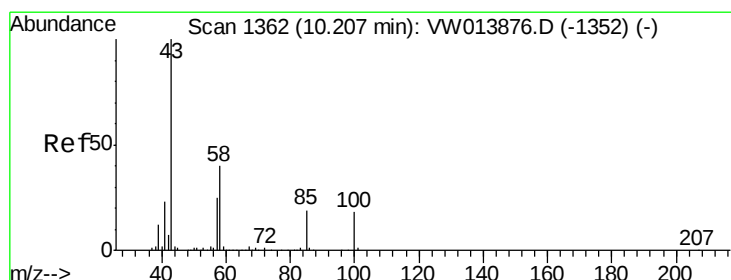
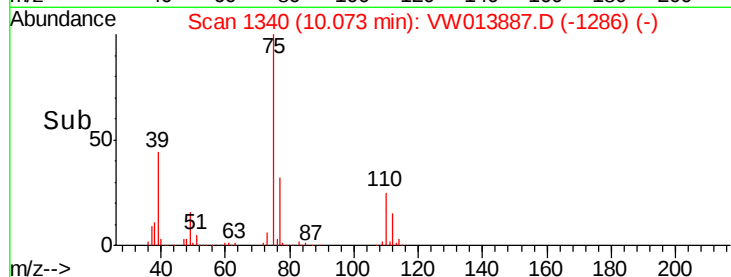
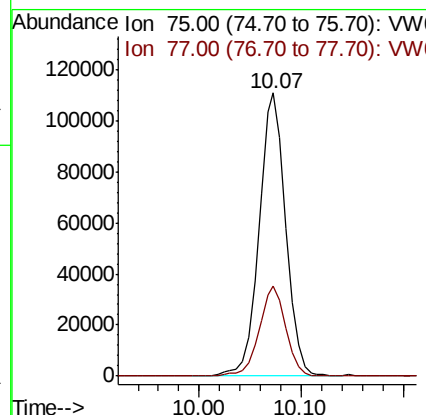
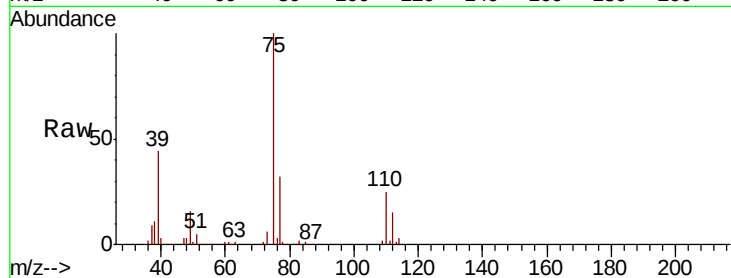




#42
 cis-1,3-Dichloropropene
 Concen: 23.483 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

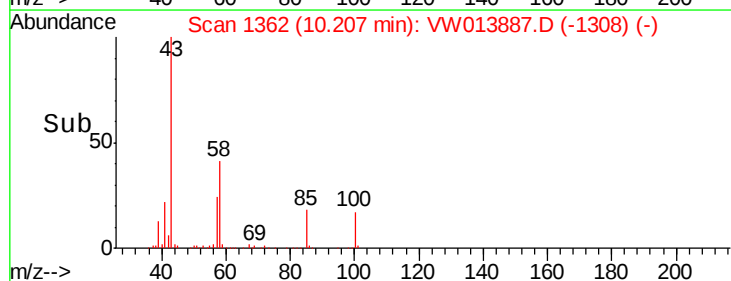
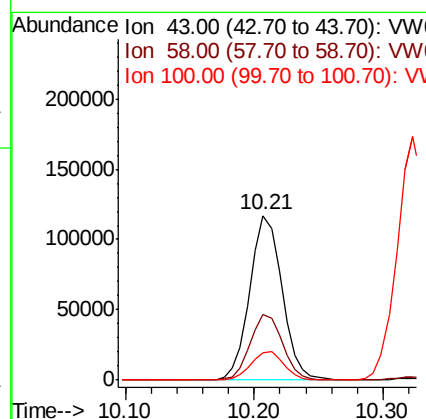
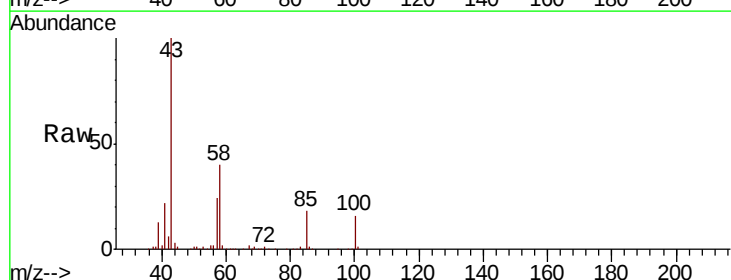
Instrument :
 MSVOA_W
 ClientSampleId :

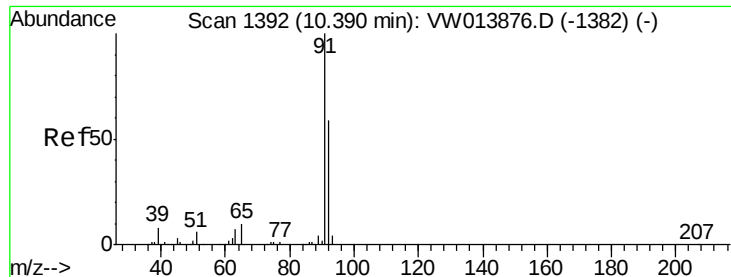
Tot Ion: 75 Resp: 201168
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.1 41.1



#43
 4-Methyl-2-pentanone
 Concen: 48.258 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Tgt Ion: 43 Resp: 203183
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.1 48.1
 100 17.7 13.4 20.0





#44

Toluene

Concen: 24.451 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

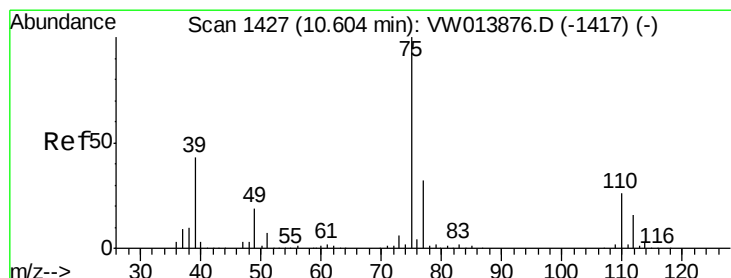
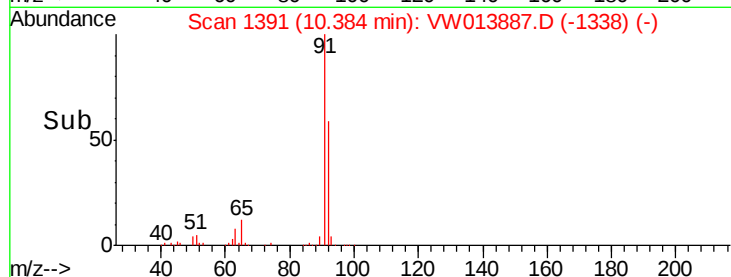
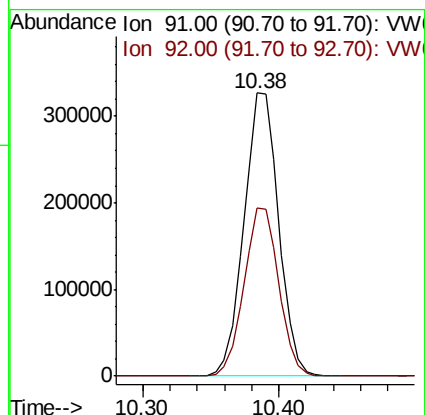
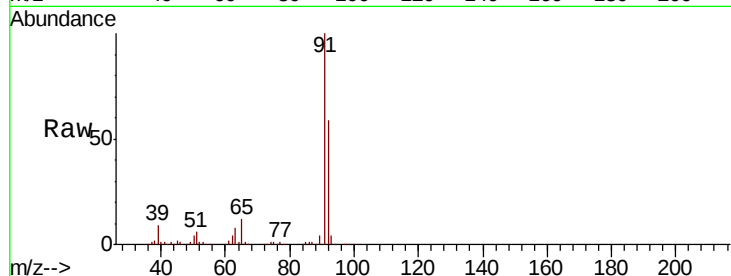
ClientSampleId :

Tot Ion: 91 Resp: 583149

Ion Ratio Lower Upper

91 100

92 59.2 42.0 78.0



#45

trans-1,3-Dichloropropene

Concen: 23.672 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013887.D

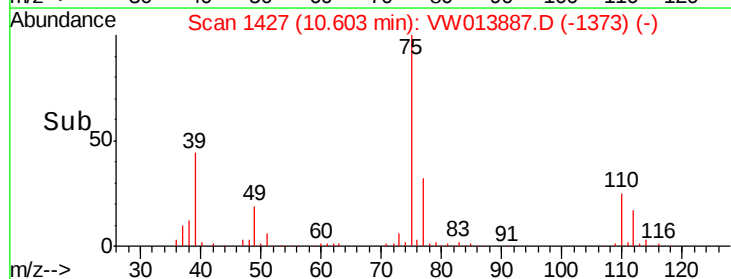
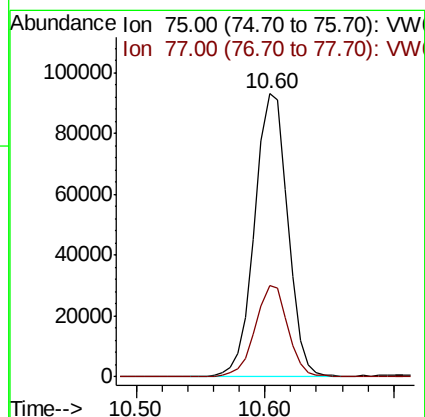
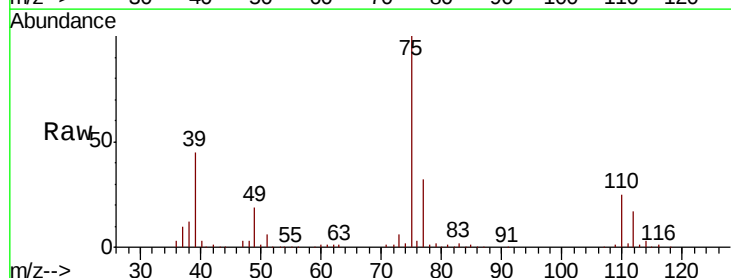
Acq: 01 Nov 2019 07:48

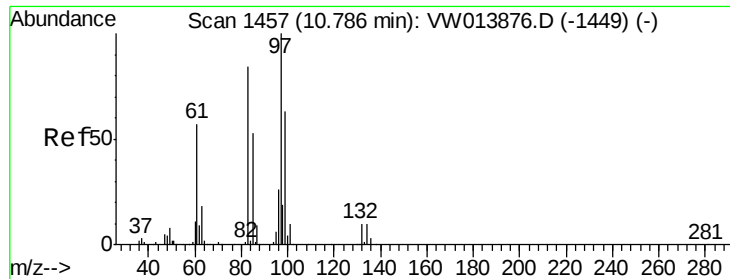
Tgt Ion: 75 Resp: 165385

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7





#46

1,1,2-Trichloroethane

Concen: 24.182 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 106389

Ion	Ratio	Lower	Upper
97	100		
83	81.8	57.8	107.4
85	50.4	38.3	71.1
99	62.8	42.2	78.4

Abundance

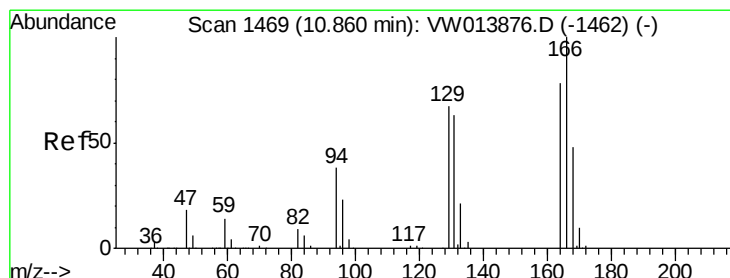
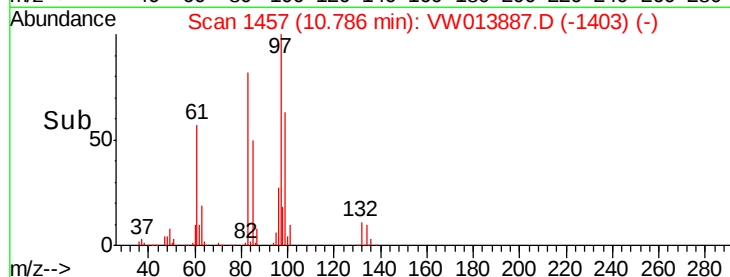
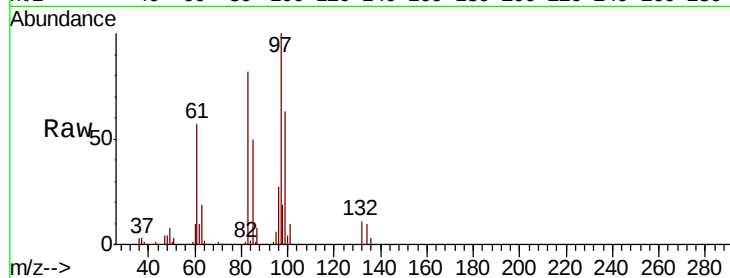
Ion 97.00 (96.70 to 97.70): VW

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

Time-->



#47

Tetrachloroethene

Concen: 23.225 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Tgt Ion: 164 Resp: 121590

Ion	Ratio	Lower	Upper
164	100		
129	89.7	62.5	116.1
131	87.8	59.8	111.0
166	129.7	91.6	170.0

Abundance

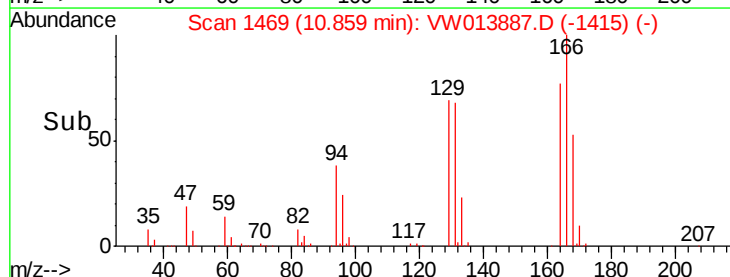
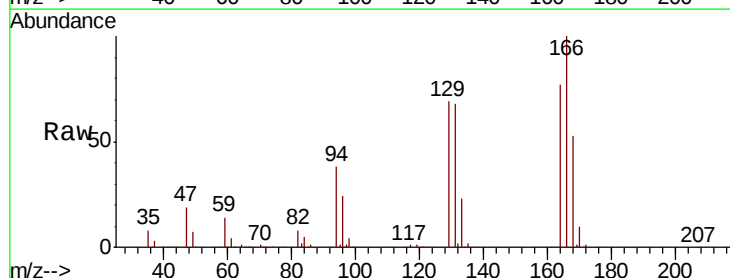
Ion 164.00 (163.70 to 164.70): V

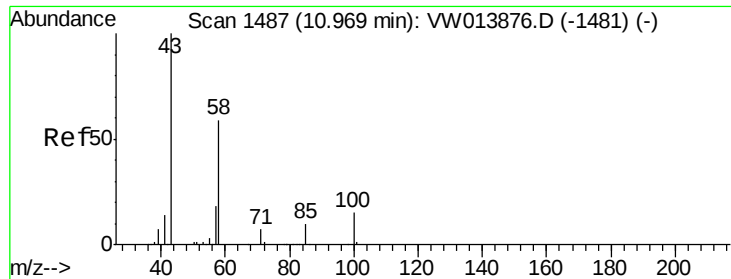
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->

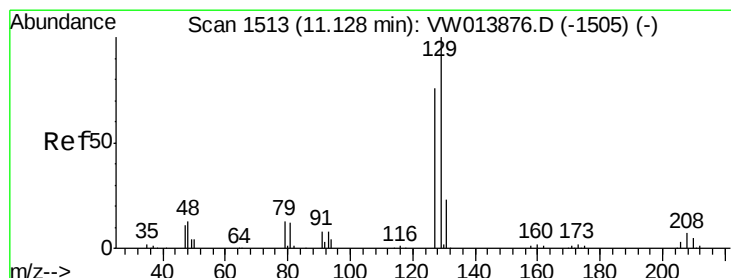
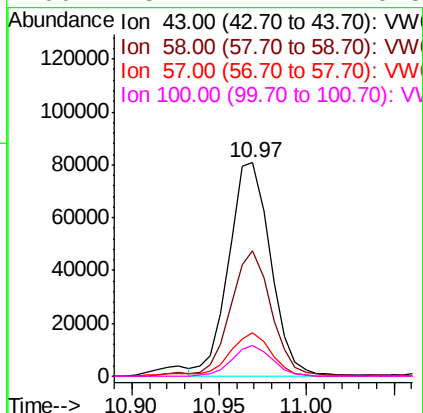
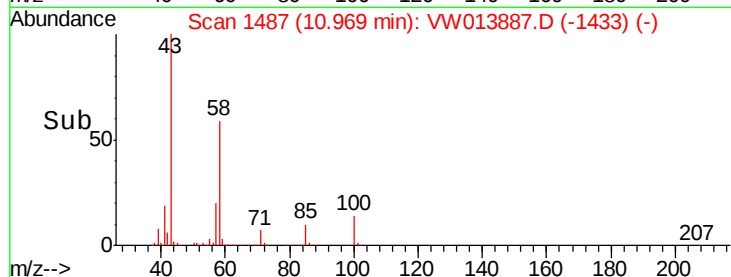
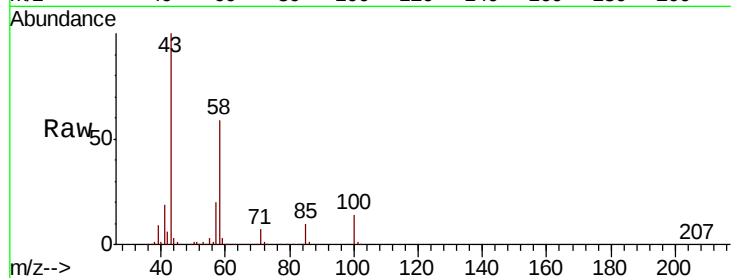




#49
2-Hexanone
Concen: 44.968 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

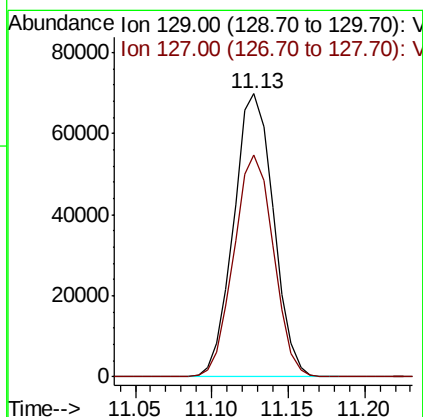
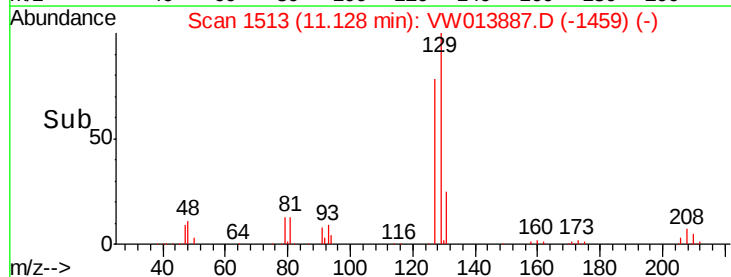
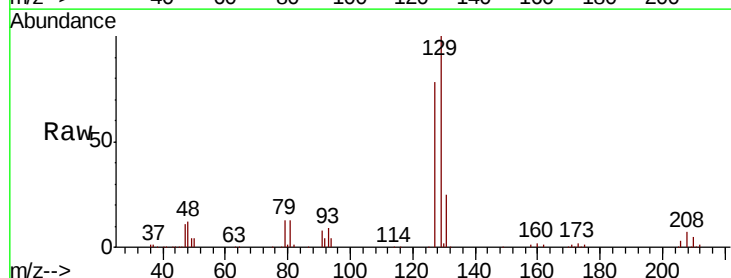
Instrument :
MSVOA_W
ClientSampleId :

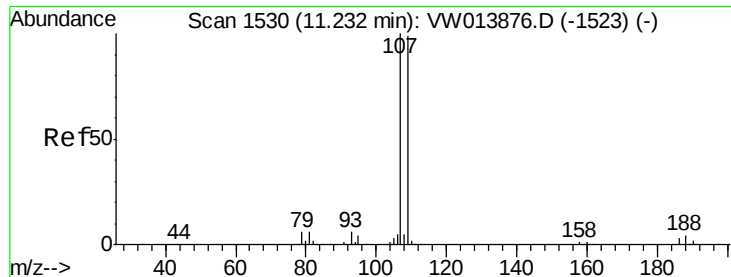
Tot Ion: 43 Resp: 135484
Ion Ratio Lower Upper
43 100
58 56.6 47.0 70.4
57 19.1 16.0 24.0
100 13.7 11.2 16.8



#50
Dibromochloromethane
Concen: 24.719 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

Tgt Ion: 129 Resp: 126433
Ion Ratio Lower Upper
129 100
127 78.3 52.6 97.8

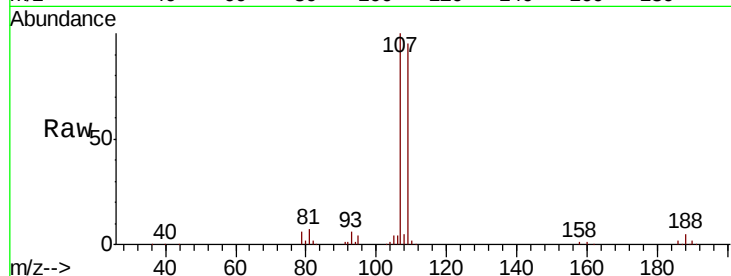




#51
1,2-Dibromoethane
Concen: 24.466 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	67.3	124.9
188	4.7	3.5	5.3

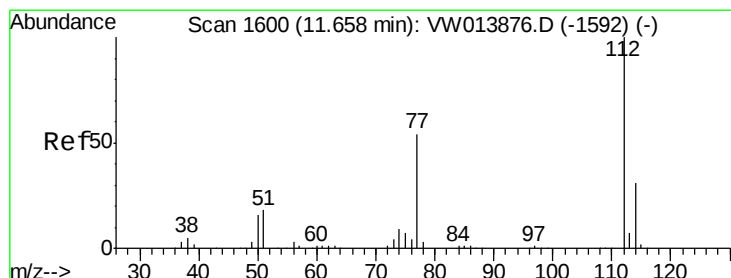
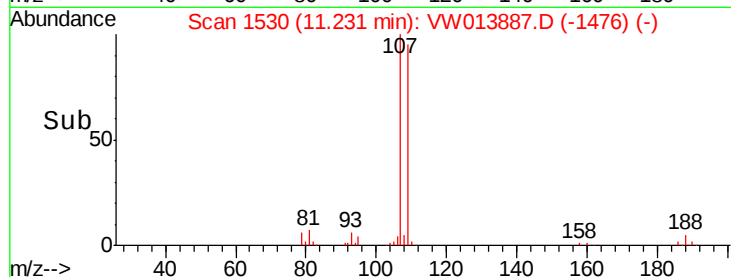
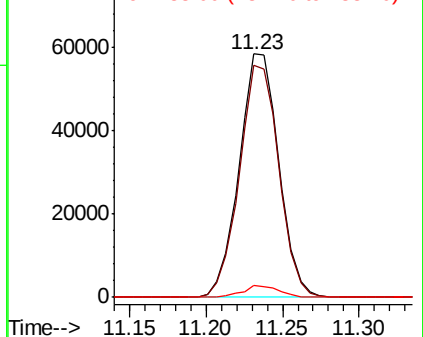


Abundance

Ion 107.00 (106.70 to 107.70): V

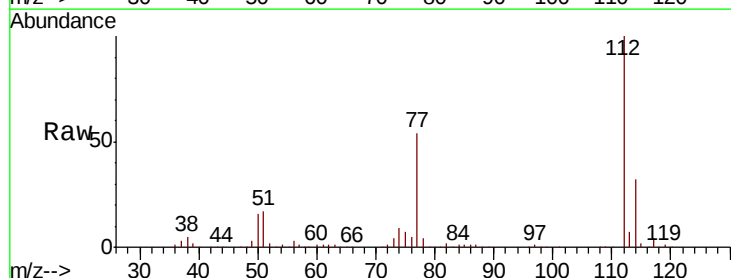
Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#52
Chlorobenzene
Concen: 23.992 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

Tgt Ion	Ratio	Lower	Upper
112	100		
77	54.5	44.7	67.1
114	32.3	23.1	42.9

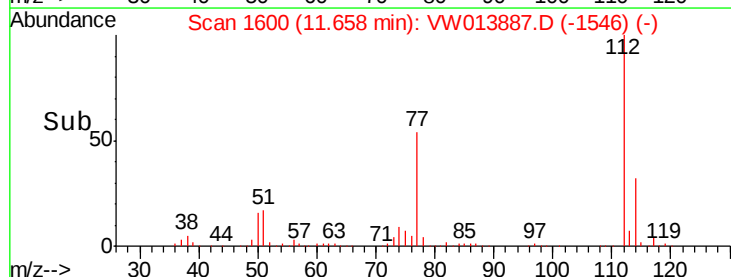
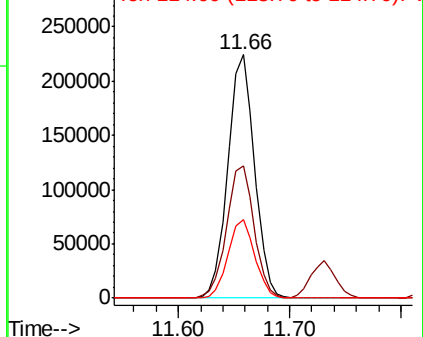


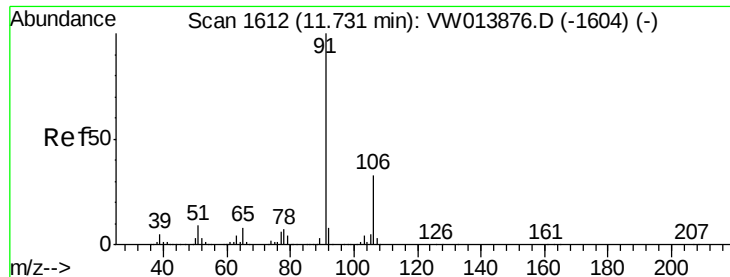
Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V

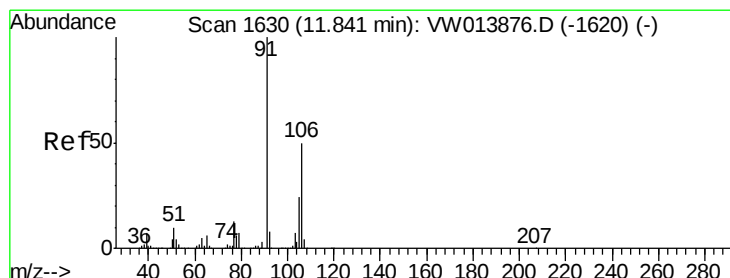
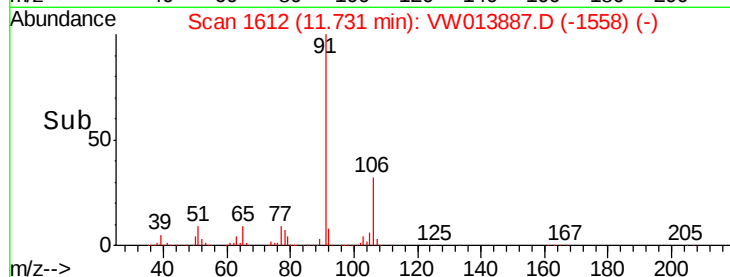
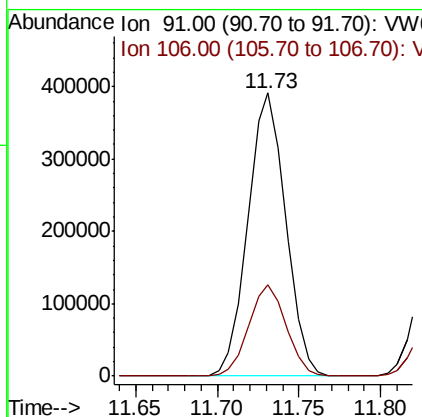
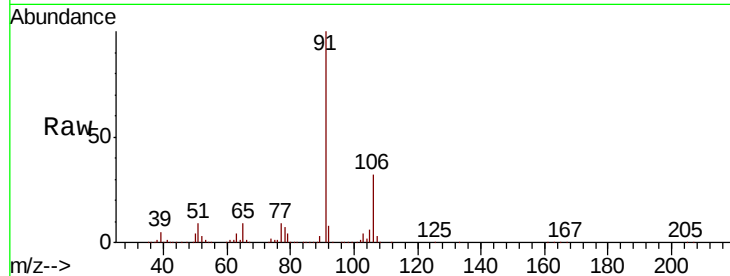




#53
Ethylbenzene
Concen: 23.937 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

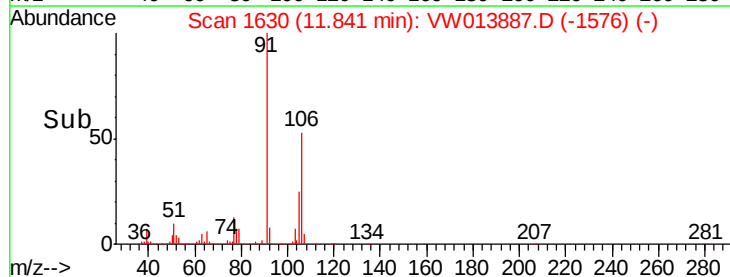
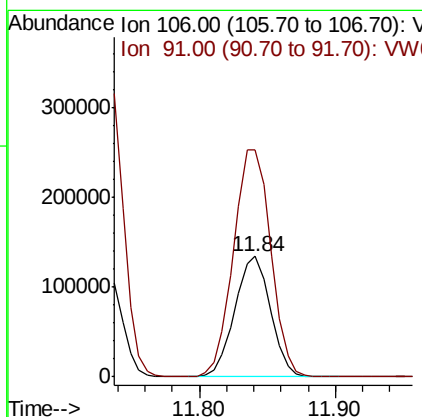
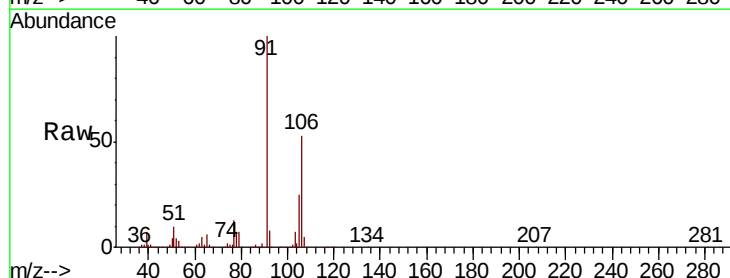
Instrument :
MSVOA_W
ClientSampleId :

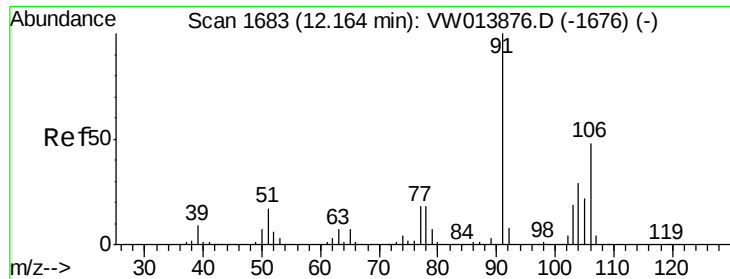
Tot Ion: 91 Resp: 630191
Ion Ratio Lower Upper
91 100
106 32.4 21.8 40.4



#54
m,p-Xylene
Concen: 23.904 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013887.D
Acq: 01 Nov 2019 07:48

Tgt Ion: 106 Resp: 246200
Ion Ratio Lower Upper
106 100
91 188.4 136.6 253.8





#55

o-xylene

Concen: 24.340 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

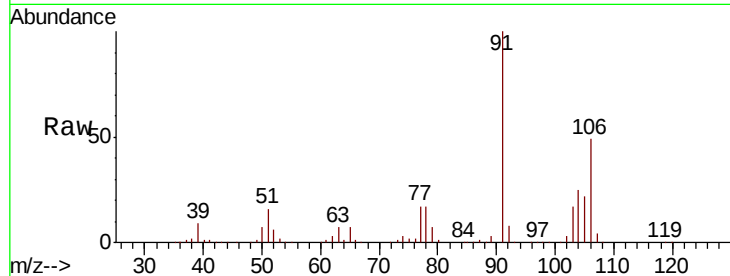
ClientSampleId :

Tot Ion:106 Resp: 235957

Ion Ratio Lower Upper

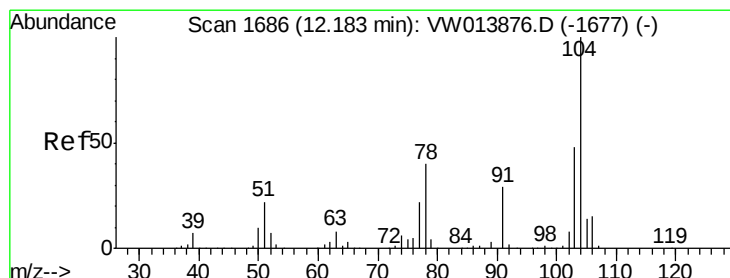
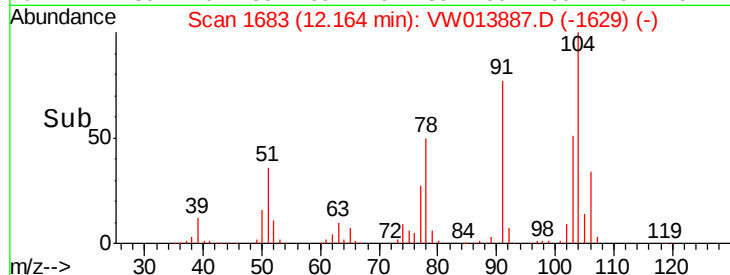
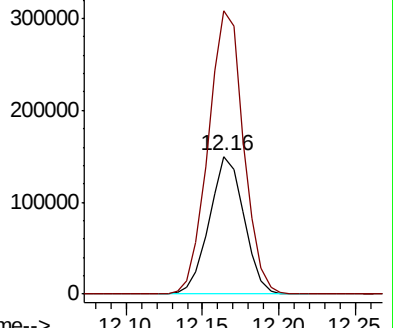
106 100

91 205.8 148.0 274.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 24.808 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW013887.D

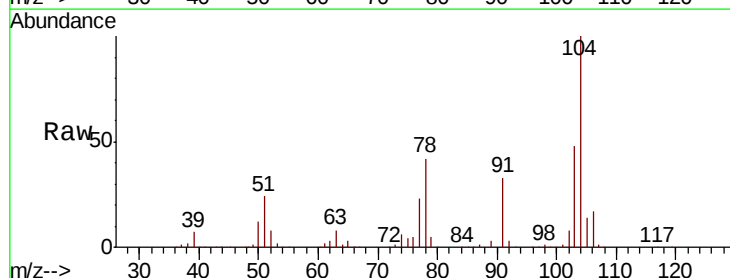
Acq: 01 Nov 2019 07:48

Tgt Ion:104 Resp: 412648

Ion Ratio Lower Upper

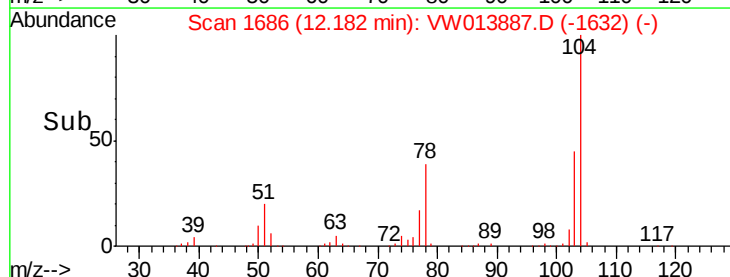
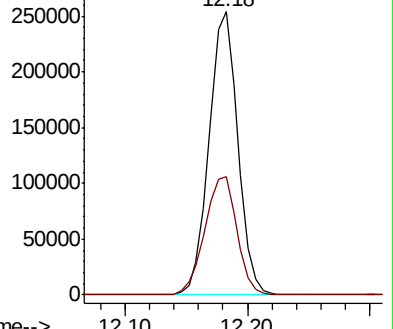
104 100

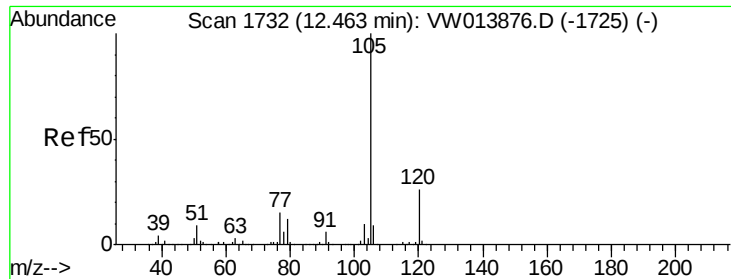
78 42.0 28.9 53.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 23.936 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

ClientSampleId :

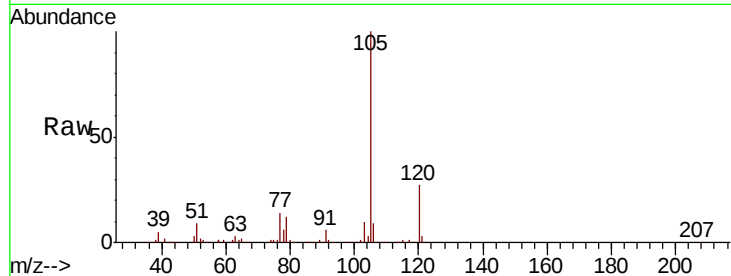
Tot Ion:105 Resp: 621012

Ion Ratio Lower Upper

105 100

120 27.1 21.7 32.5

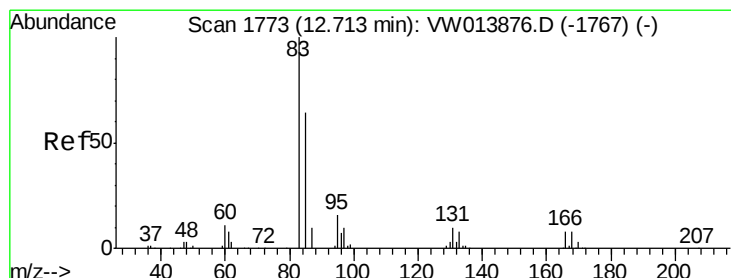
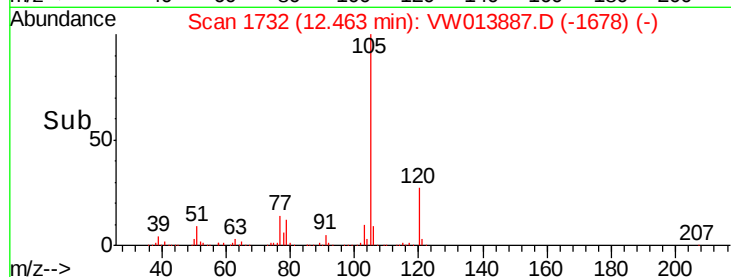
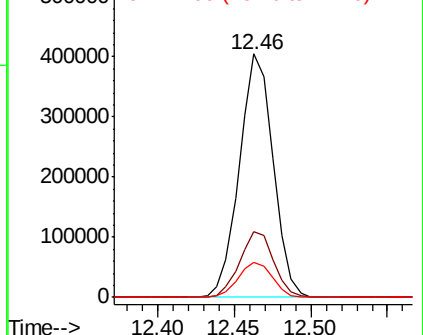
77 14.5 11.7 17.5



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: 23.844 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

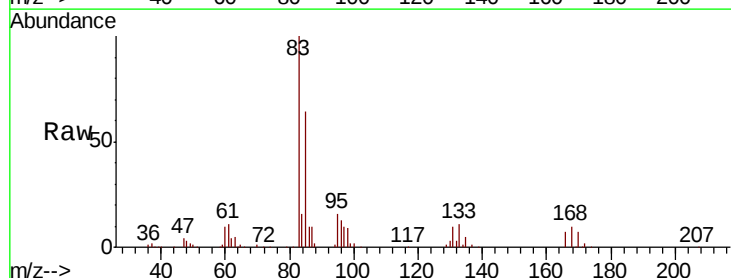
Tgt Ion: 83 Resp: 131697

Ion Ratio Lower Upper

83 100

85 64.5 46.1 85.7

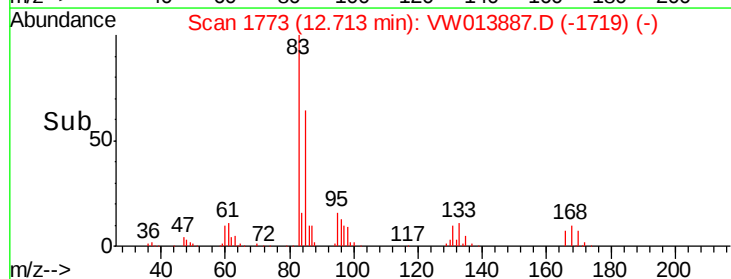
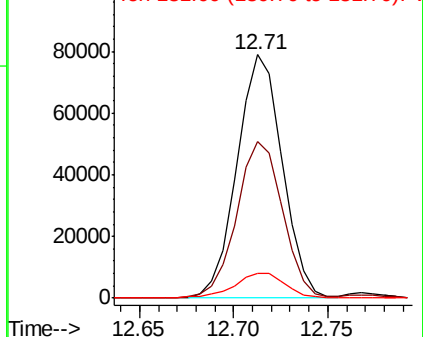
131 10.3 9.0 13.6

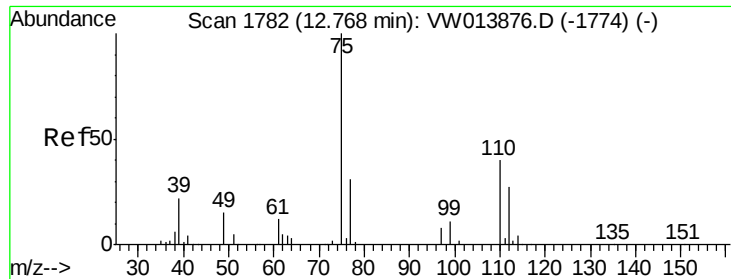


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

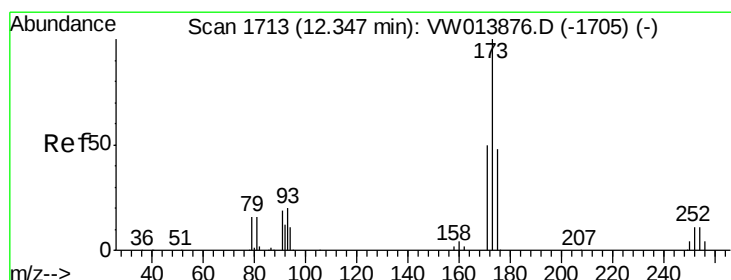
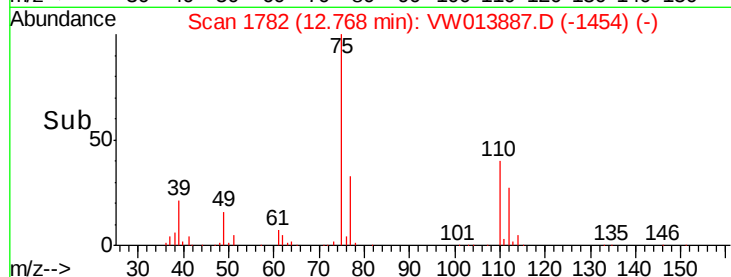
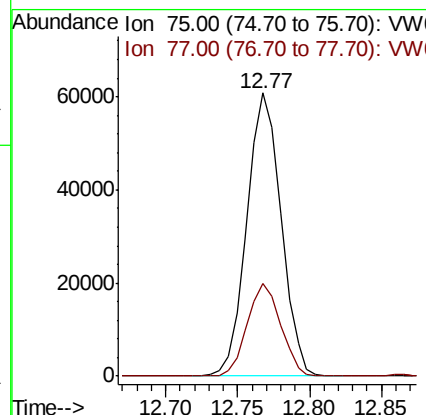
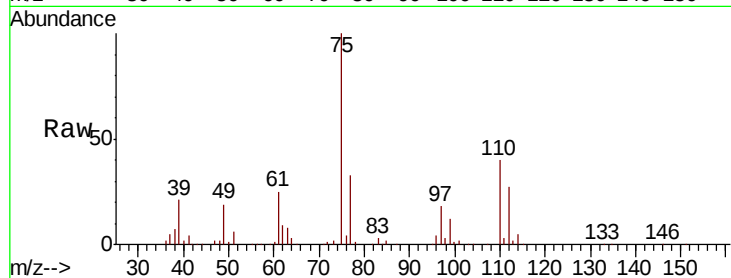




#59
 1,2,3-Trichloropropane
 Concen: 23.780 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

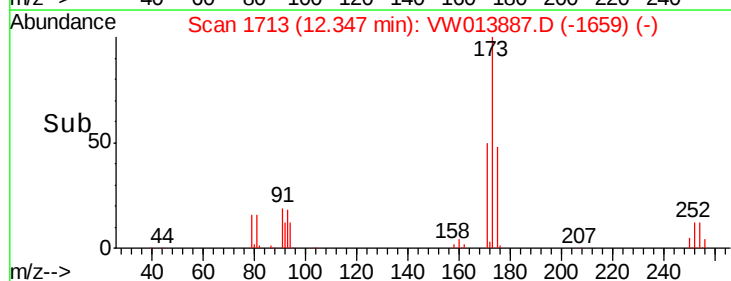
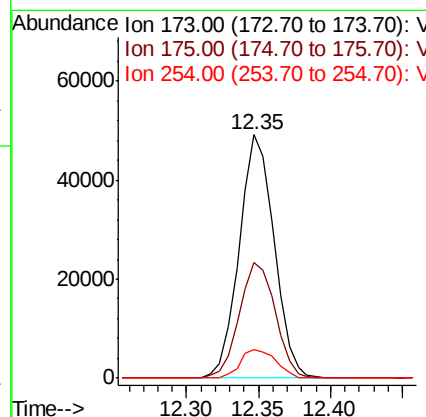
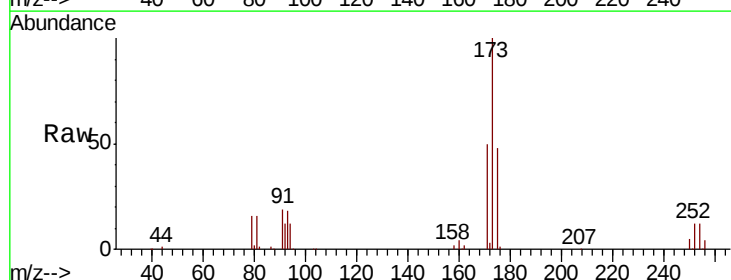
Instrument :
 MSVOA_W
 ClientSampled :

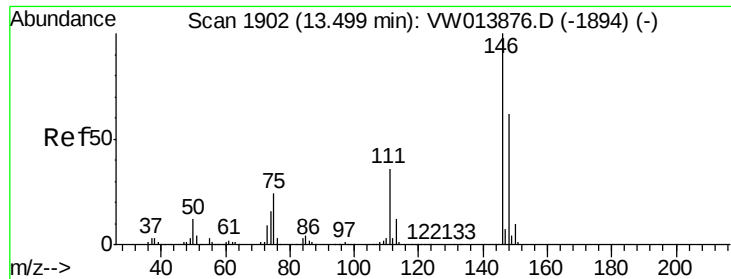
Tot Ion: 75 Resp: 100073
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8



#62
 Bromoform
 Concen: 24.740 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Tgt Ion: 173 Resp: 82837
 Ion Ratio Lower Upper
 173 100
 175 48.9 39.1 58.7
 254 11.9 9.4 14.2

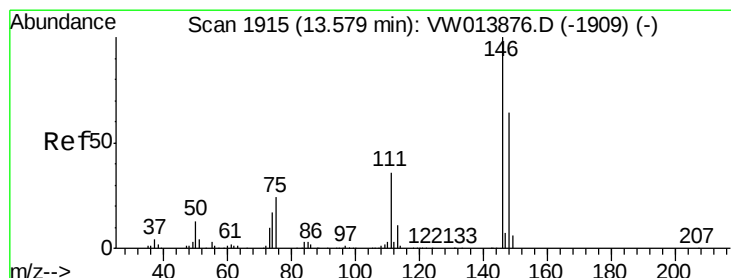
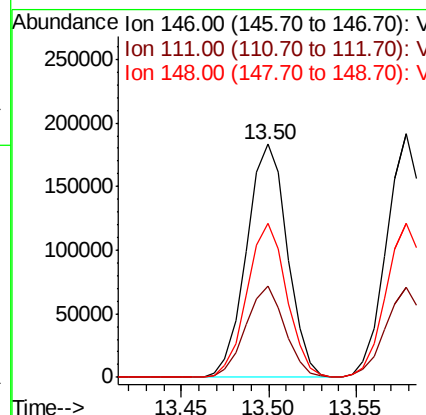
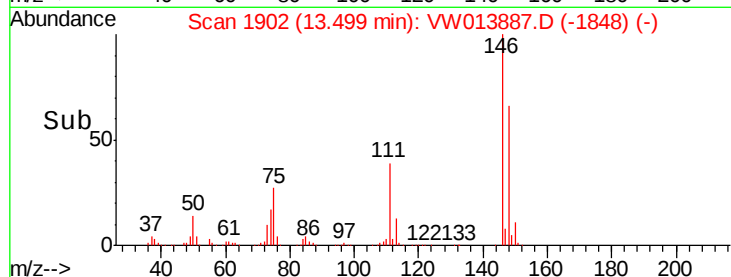
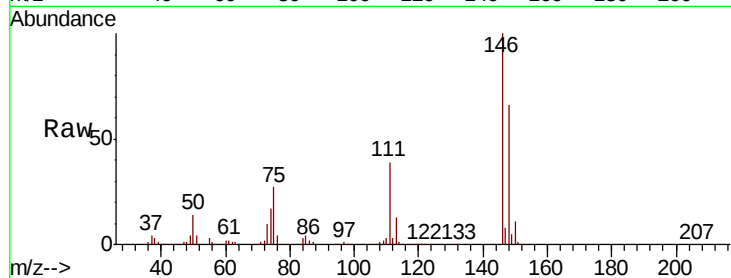




#63
 1,3-Dichlorobenzene
 Concen: 23.683 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

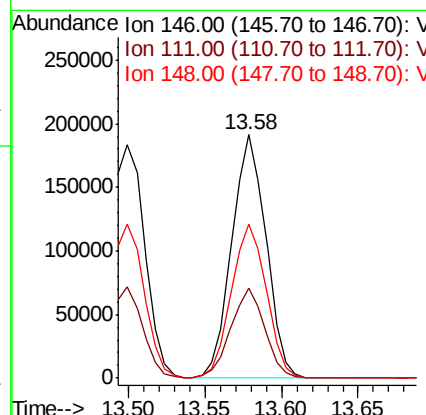
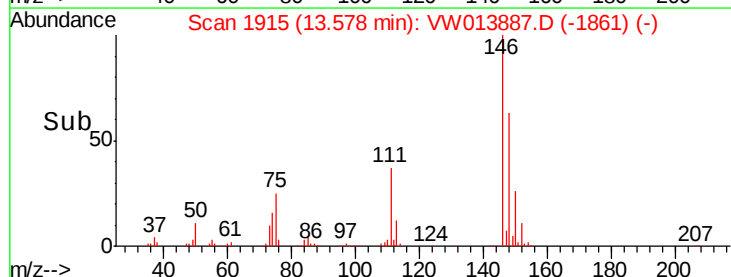
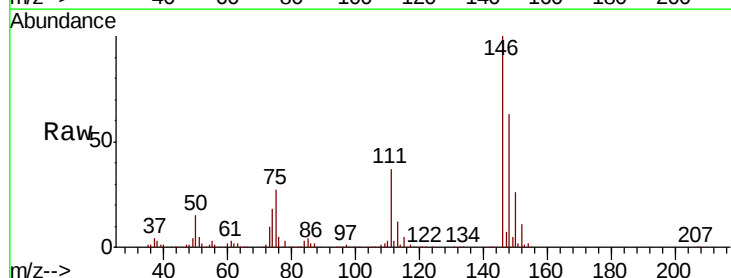
Instrument :
 MSVOA_W
 ClientSampled :

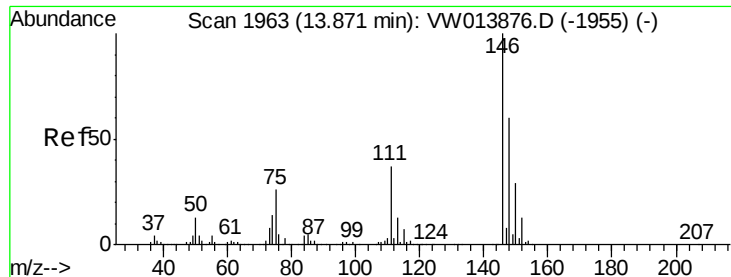
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	26.5	49.1
148	66.3	43.7	81.1



#64
 1,4-Dichlorobenzene
 Concen: 23.341 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	25.0	46.4
148	63.4	44.4	82.5





#65

1,2-Dichlorobenzene

Concen: 23.925 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

ClientSampleId :

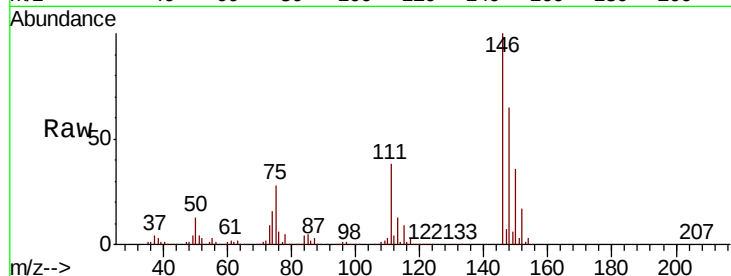
Tot Ion:146 Resp: 277765

Ion Ratio Lower Upper

146 100

111 38.3 31.0 46.4

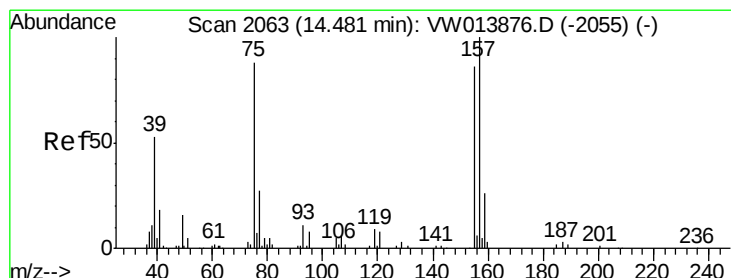
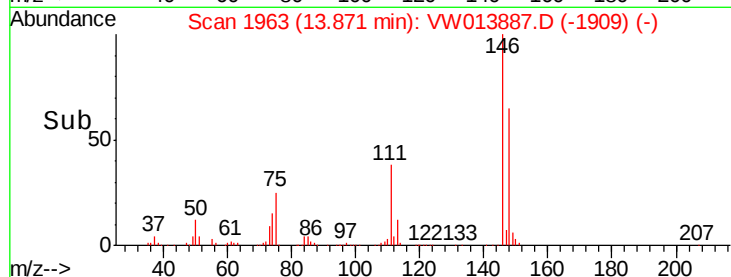
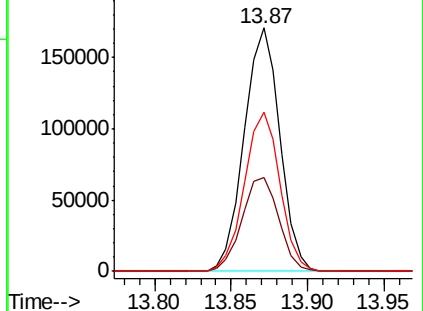
148 65.3 51.8 77.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 23.596 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

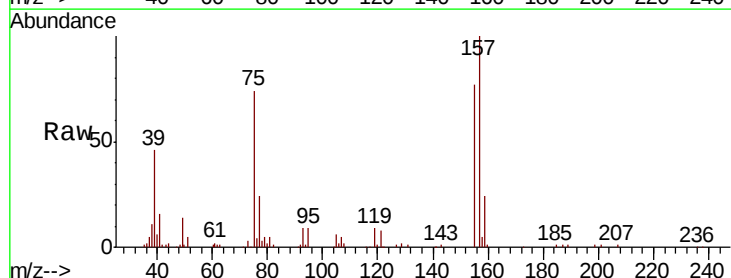
Tgt Ion: 75 Resp: 21651

Ion Ratio Lower Upper

75 100

157 136.0 106.2 159.2

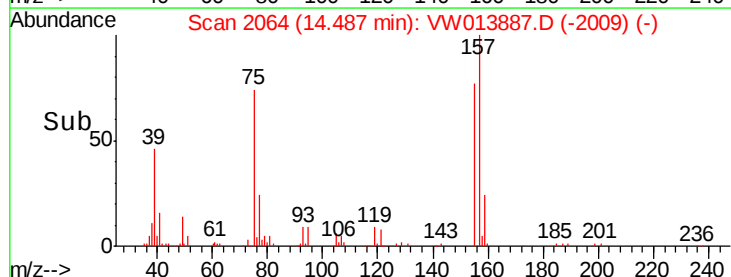
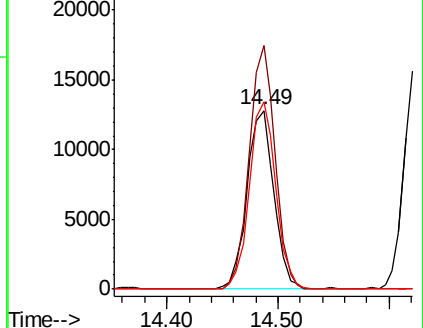
155 105.0 78.8 118.2

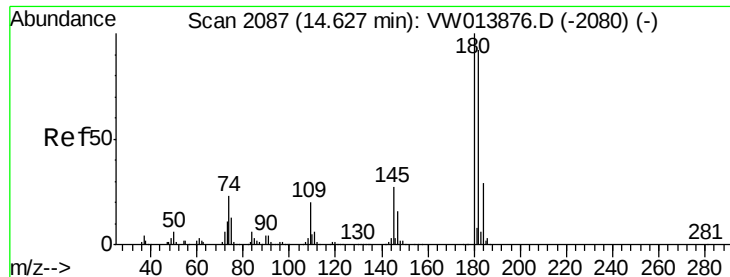


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

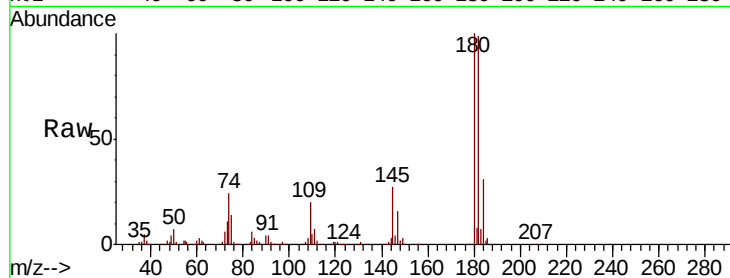




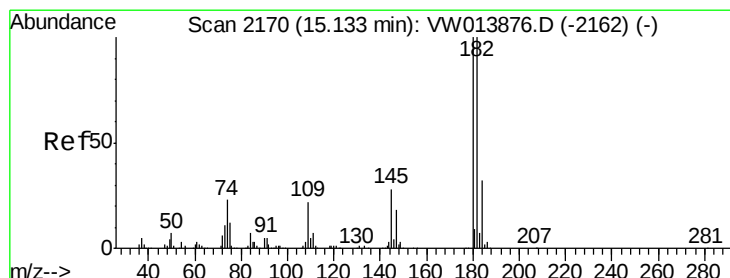
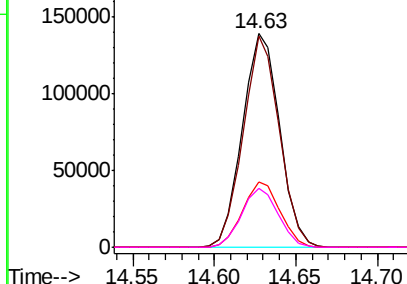
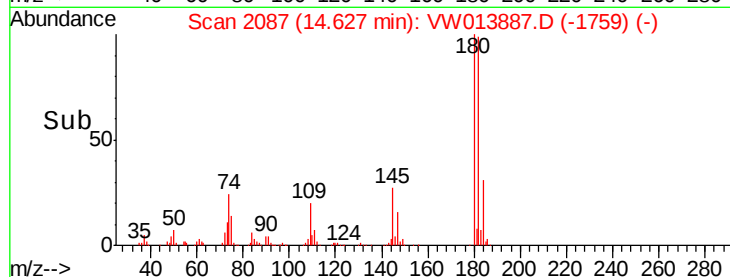
#67
 1,3,5-Trichlorobenzene
 Concen: 22.887 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180	Resp:	221150
Ion	Ratio	Lower Upper
180	100	
182	95.5	76.2 114.4
184	30.6	24.1 36.1
145	27.3	21.7 32.5

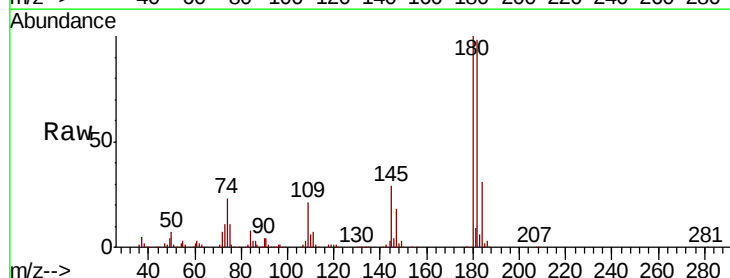


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

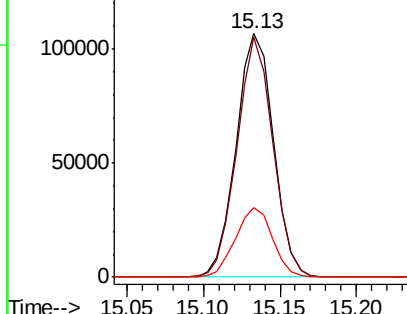
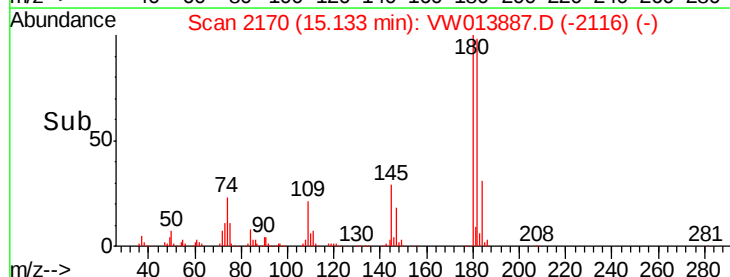


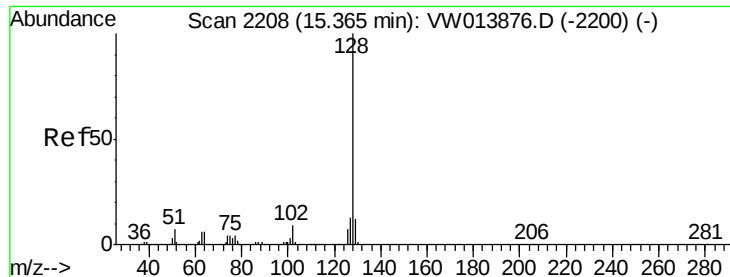
#68
 1,2,4-trichlorobenzene
 Concen: 23.335 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013887.D
 Acq: 01 Nov 2019 07:48

Tgt Ion:180	Resp:	180852
Ion	Ratio	Lower Upper
180	100	
182	95.0	74.8 112.2
145	28.1	22.4 33.6



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: 24.708 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

Instrument :

MSVOA_W

ClientSampled :

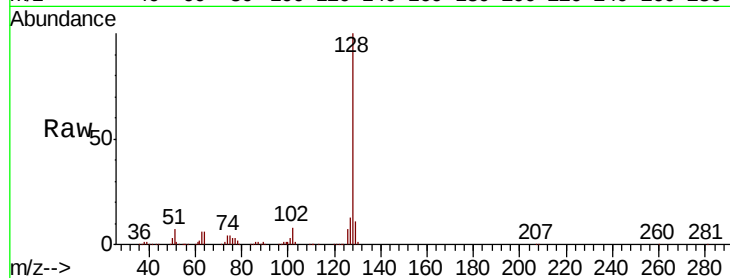
Tot Ion:128 Resp: 368405

Ion Ratio Lower Upper

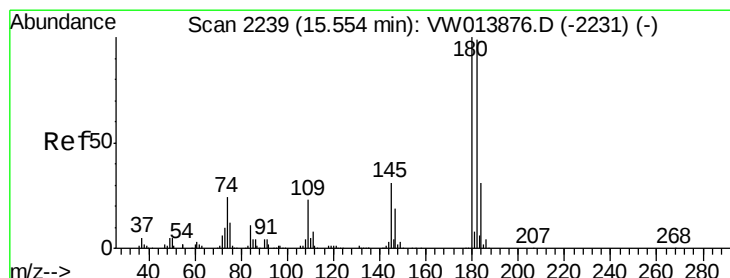
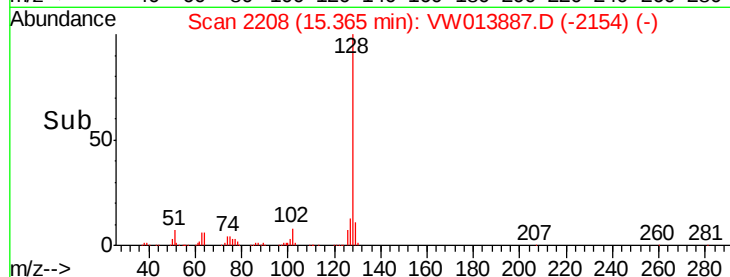
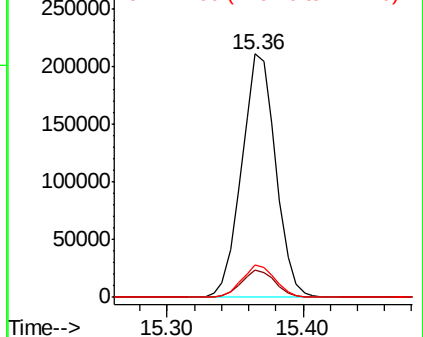
128 100

129 11.0 8.6 13.0

127 13.1 10.5 15.7



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: 23.846 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW013887.D

Acq: 01 Nov 2019 07:48

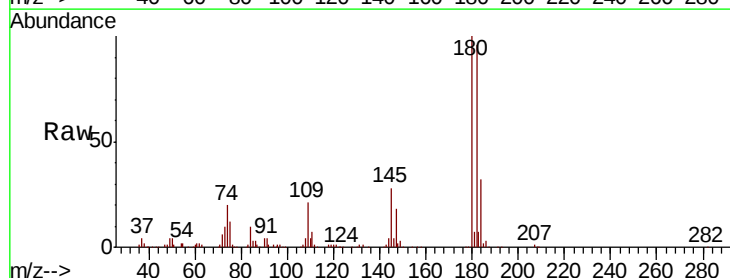
Tgt Ion:180 Resp: 170871

Ion Ratio Lower Upper

180 100

182 95.5 78.0 117.0

145 29.0 23.9 35.9



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

