

Data File : VW015001.D
Acq On : 17 Feb 2020 15:37
Operator : SY/VA
Sample : MDL07
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Quant Time: Feb 18 04:22:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 18 04:18:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	670997	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	622901	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	246546	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	316698	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
7) Chloroethane-d5	2.89	69	244801	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
11) 1,1-Dichloroethene-d2	4.01	63	428469	17.67	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.68%
21) 2-Butanone-d5	7.07	46	172636	45.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.68%
24) Chloroform-d	7.65	84	502076	23.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	8.31	65	305436	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
32) Benzene-d6	8.27	84	1005937	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	9.27	67	348322	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	10.32	98	843892	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.32%
43) trans-1,3-Dichloropropene-	10.57	79	125491	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.52%
47) 2-Hexanone-d5	10.92	63	115081	44.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.64%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	255521	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.88%
66) 1,2-Dichlorobenzene-d4	13.85	152	233620	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	7200	1.080 ug/L	91
3) Chloromethane	2.21	50	17959	1.433 ug/L	96
5) Vinyl chloride	2.36	62	23165	1.436 ug/L #	61
6) Bromomethane	2.78	94	9533	1.302 ug/L	99
8) Chloroethane	2.92	64	11396	1.320 ug/L	96
9) Trichlorofluoromethane	3.25	101	7834	1.229 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	16430	1.576 ug/L #	70
12) 1,1-Dichloroethene	4.04	96	15658	1.566 ug/L #	1
13) Acetone	4.13	43	14940	3.800 ug/L	82
14) Carbon disulfide	4.39	76	45219	1.251 ug/L	96
15) Methyl Acetate	4.68	43	7630	1.118 ug/L	99
16) Methylene chloride	4.92	84	35839	2.891 ug/L	92
17) trans-1,2-Dichloroethene	5.42	96	12975	1.286 ug/L	95
18) Methyl tert-butyl Ether	5.43	73	14941	1.200 ug/L #	82
19) 1,1-Dichloroethane	6.21	63	29119	1.292 ug/L	93
20) cis-1,2-Dichloroethene	7.17	96	12941	1.244 ug/L	85
23) Bromochloromethane	7.51	128	5725	1.357 ug/L	83

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.67	83	28872	1.438	ug/L	99
27) 1,2-Dichloroethane	8.40	62	20871	1.414	ug/L	97
29) Cyclohexane	7.95	56	21505	1.059	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	19703	1.300	ug/L	99
31) Carbon tetrachloride	8.06	117	17752	1.300	ug/L	96
33) Benzene	8.32	78	60961	1.333	ug/L	100
34) Trichloroethene	9.09	95	14156	1.292	ug/L	96
35) Methylcyclohexane	9.33	83	19828	1.050	ug/L	87
37) 1,2-Dichloropropane	9.37	63	17176	1.345	ug/L #	94
38) Bromodichloromethane	9.64	83	18616	1.294	ug/L #	92
39) cis-1,3-Dichloropropene	10.07	75	20032	1.172	ug/L	96
42) Toluene	10.38	91	57564	1.303	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	23766	1.676	ug/L	93
45) 1,1,2-Trichloroethane	10.79	97	10359	1.337	ug/L	92
46) Tetrachloroethene	10.86	164	9497	1.335	ug/L	90
48) 2-Hexanone	10.97	43	16670	2.516	ug/L #	90
49) Dibromochloromethane	11.13	129	9796	1.213	ug/L	89
50) 1,2-Dibromoethane	11.23	107	8561	1.226	ug/L #	88
51) Chlorobenzene	11.65	112	33047	1.268	ug/L	88
52) Ethylbenzene	11.73	91	53717	1.116	ug/L	99
53) m,p-Xylene	11.84	106	17792	1.053	ug/L	92
54) o-Xylene	12.16	106	15764	0.994	ug/L	94
55) Styrene	12.18	104	25224	0.923	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	14498	1.398	ug/L #	94
59) Bromoform	12.34	173	5102	1.353	ug/L	99
60) Isopropylbenzene	12.46	105	42168	1.093	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	10386	1.437	ug/L	94
62) 1,3,5-Trimethylbenzene	12.94	105	31842	1.035	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	30569	1.015	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	20121	1.265	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	22766	1.388	ug/L	94
67) 1,2-Dichlorobenzene	13.87	146	21032	1.429	ug/L	92
68) 1,2-Dibromo-3-chloropropan	14.48	75	2429	1.608	ug/L	95
69) 1,3,5-Trichlorobenzene	14.63	180	14493	1.359	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	9670	1.210	ug/L	90
71) Naphthalene	15.36	128	9018	1.099	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.55	180	9652	1.303	ug/L	98

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

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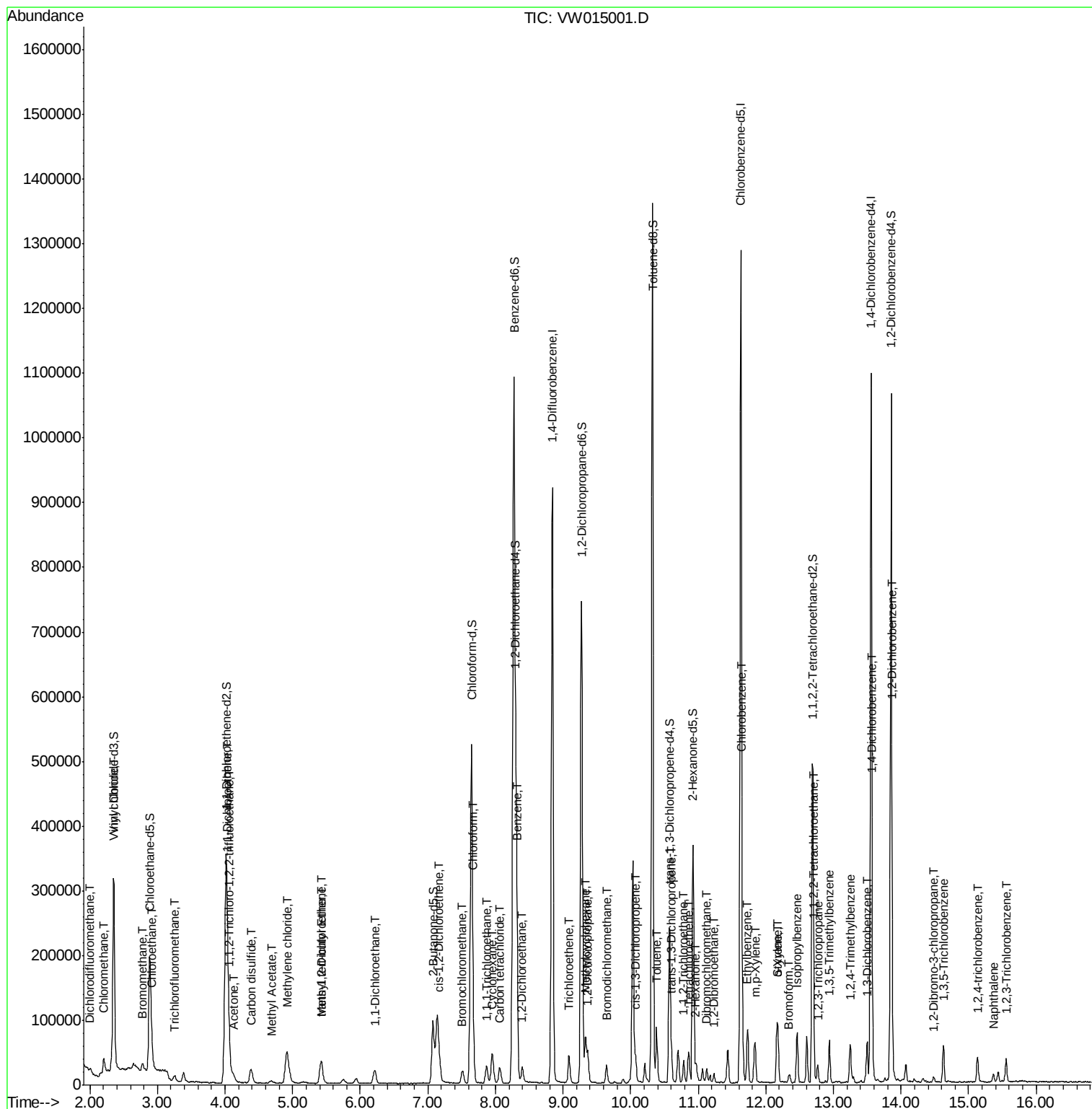
Quant Time: Feb 18 04:22:53 2020

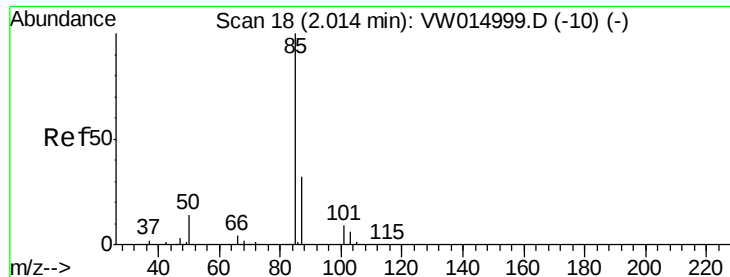
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M

Quant Title : SFAM01.0

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 1.080 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

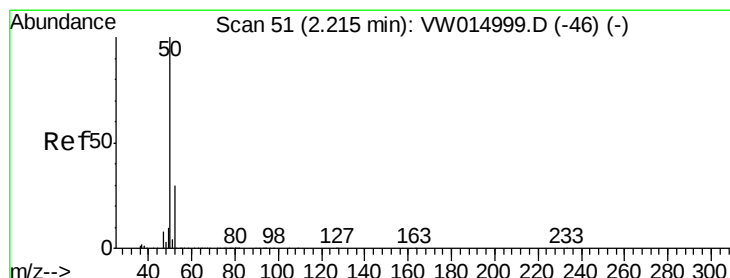
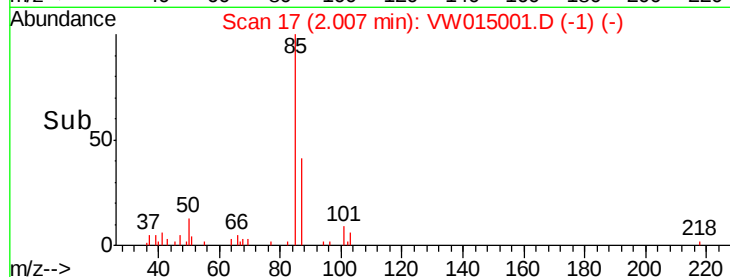
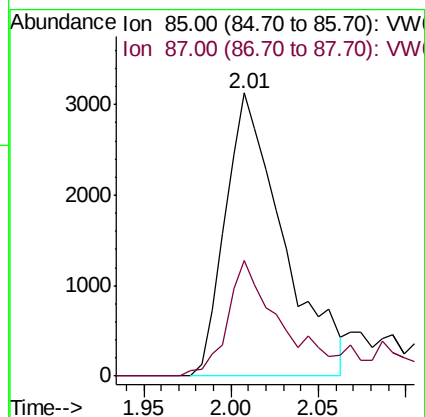
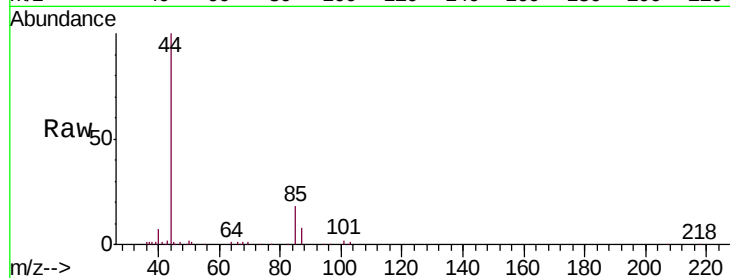
MDL07

Tgt Ion: 85 Resp: 7200

Ion Ratio Lower Upper

85 100

87 31.6 21.5 32.3



#3

Chloromethane

Concen: 1.433 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015001.D

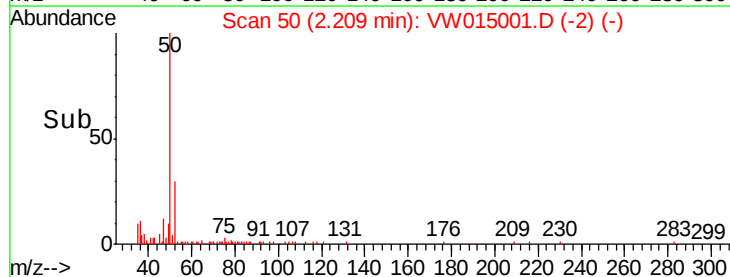
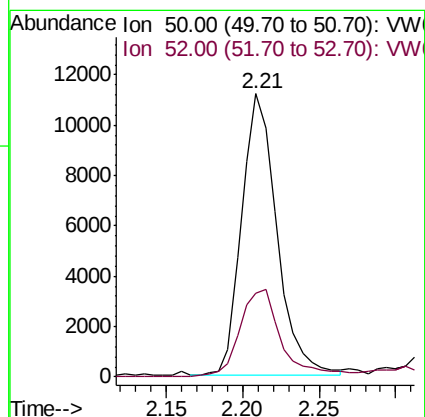
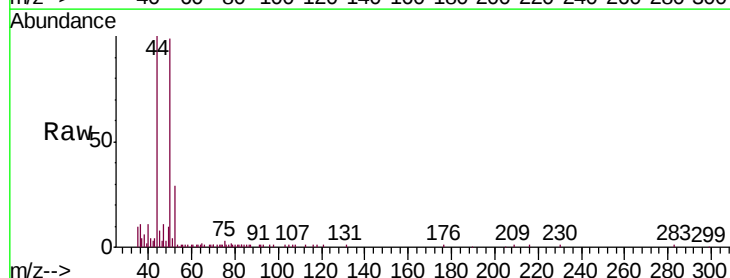
Acq: 17 Feb 2020 15:37

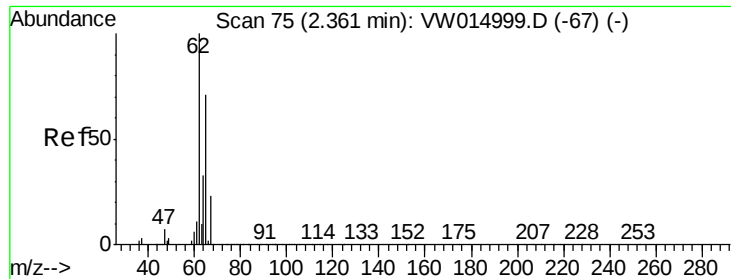
Tgt Ion: 50 Resp: 17959

Ion Ratio Lower Upper

50 100

52 29.6 22.3 41.3





#5

Vinyl chloride

Concen: 1.436 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

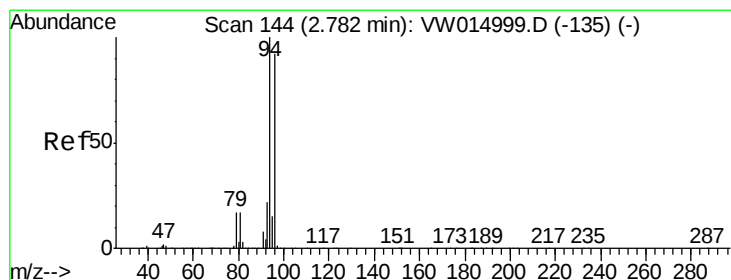
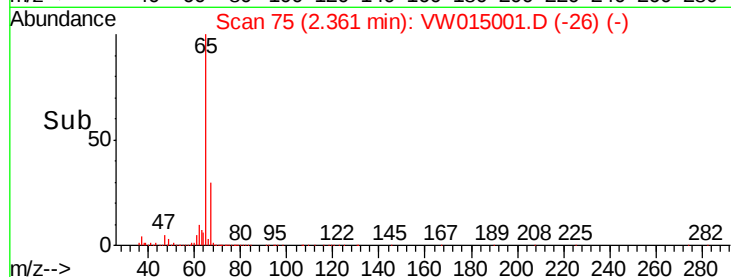
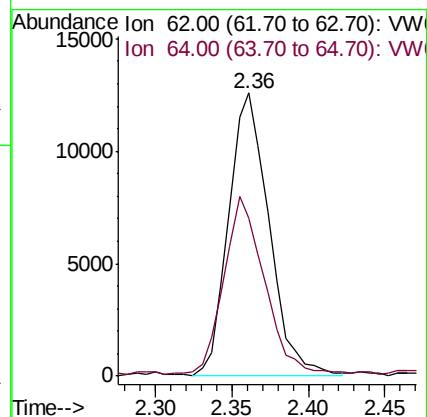
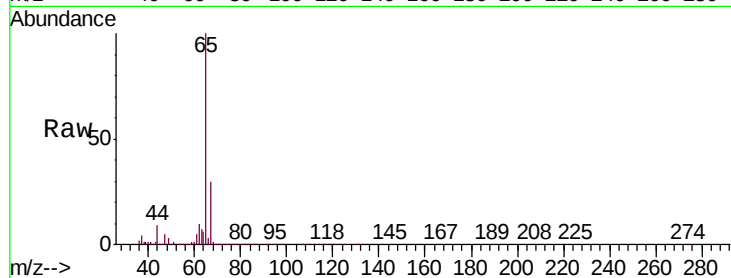
MDL07

Tgt Ion: 62 Resp: 23165

Ion Ratio Lower Upper

62 100

64 55.9 23.6 43.8#



#6

Bromomethane

Concen: 1.302 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015001.D

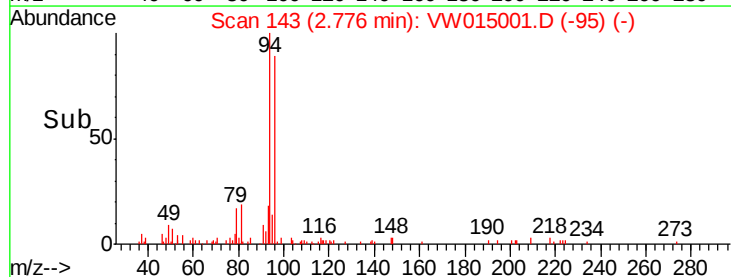
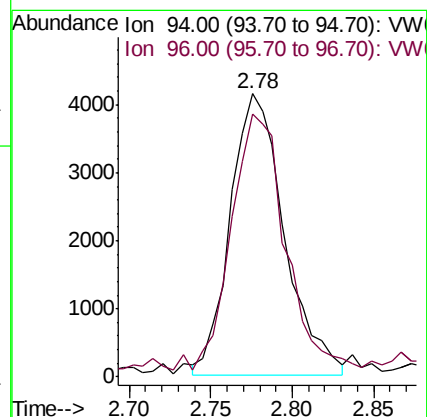
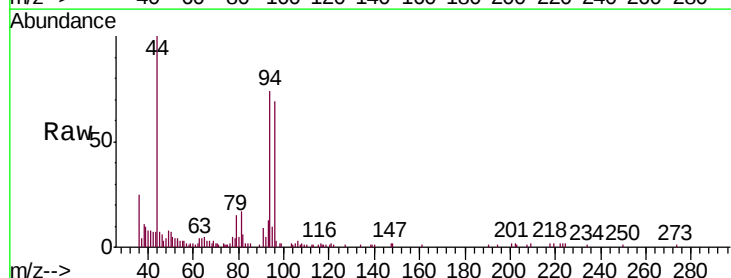
Acq: 17 Feb 2020 15:37

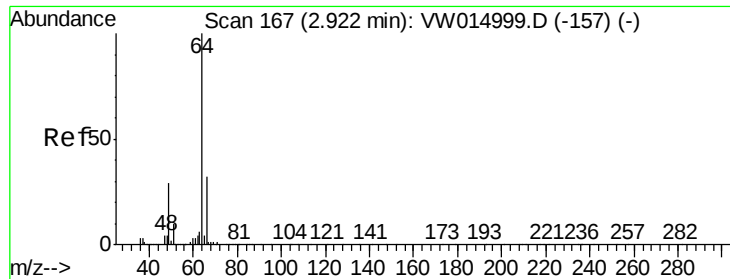
Tgt Ion: 94 Resp: 9533

Ion Ratio Lower Upper

94 100

96 93.0 65.8 122.2





#8

Chloroethane

Concen: 1.320 ug/L

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampled :

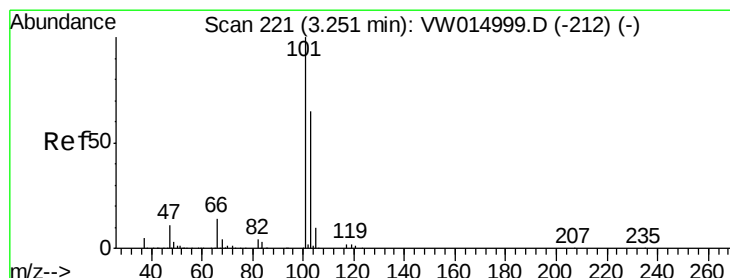
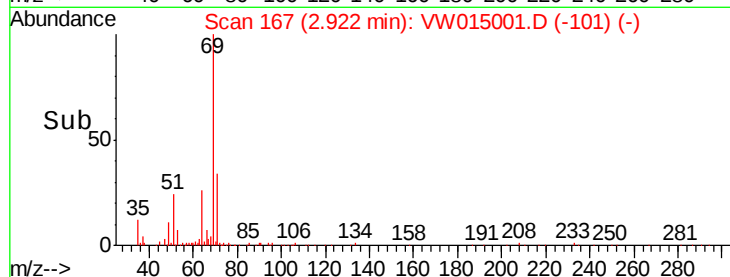
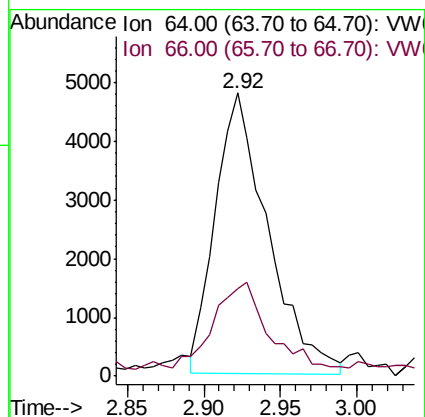
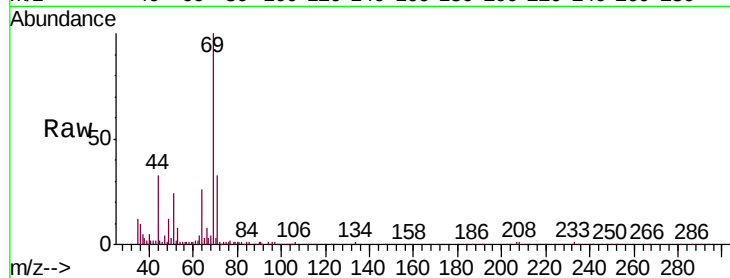
MDL07

Tgt Ion: 64 Resp: 11396

Ion Ratio Lower Upper

64 100

66 30.8 23.1 42.9



#9

Trichlorofluoromethane

Concen: 1.229 ug/L

RT: 3.25 min Scan# 221

Delta R.T. 0.00 min

Lab File: VW015001.D

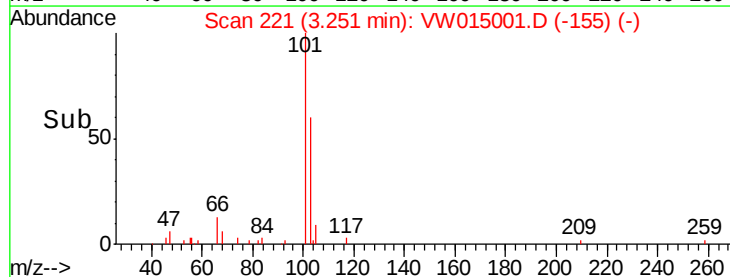
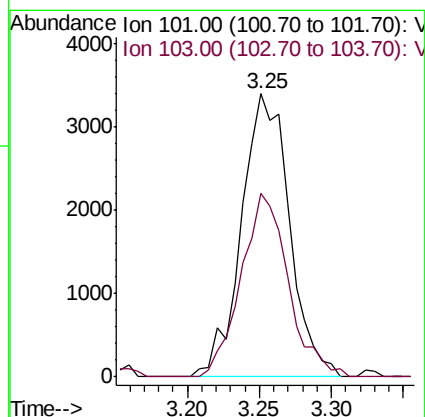
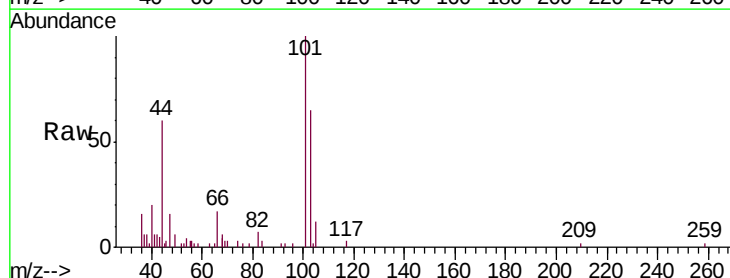
Acq: 17 Feb 2020 15:37

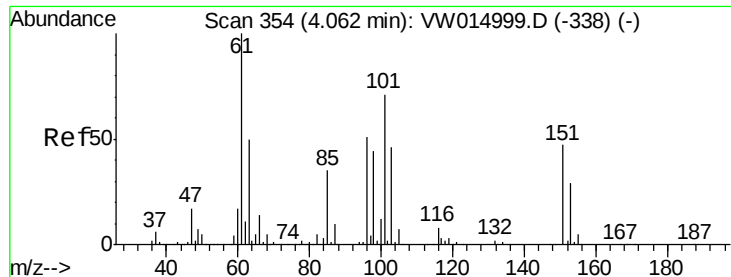
Tgt Ion: 101 Resp: 7834

Ion Ratio Lower Upper

101 100

103 63.8 51.5 77.3





#10

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

Concen: 1.576 ug/L

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

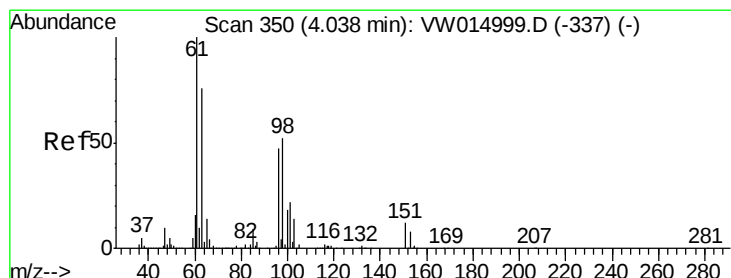
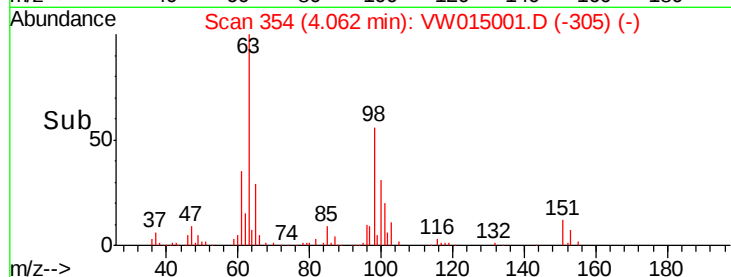
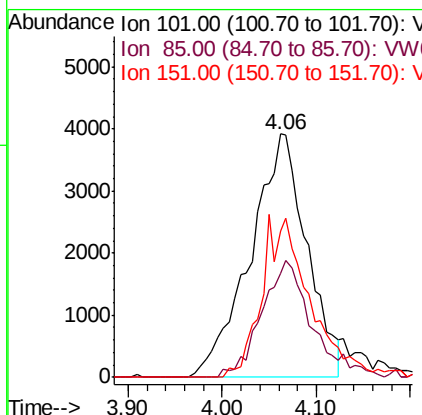
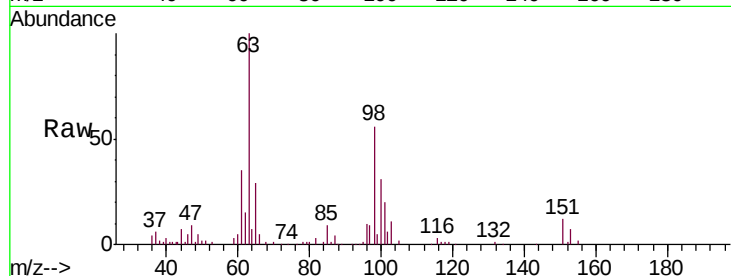
Instrument :

MSVOA_W

ClientSampled :

MDL07

Tgt Ion:	101	Resp:	16430
Ion	Ratio	Lower	Upper
101	100		
85	39.4	36.5	54.7
151	28.6	50.2	75.4#



#12

1,1-Dichloroethene

Concen: 1.566 ug/L

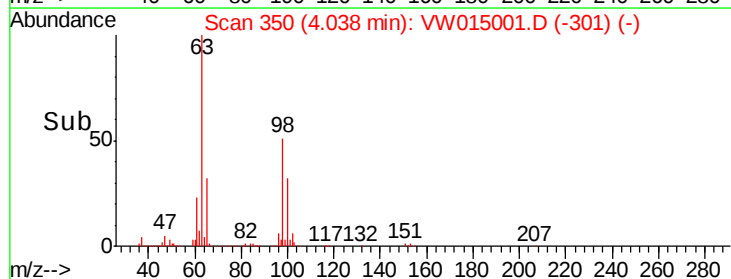
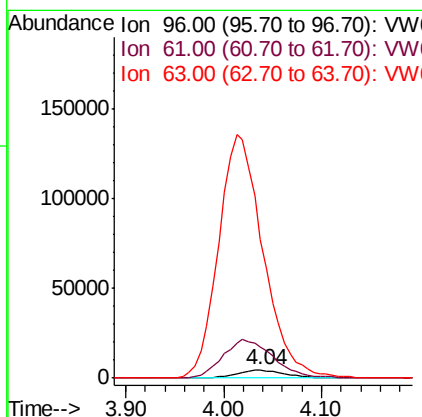
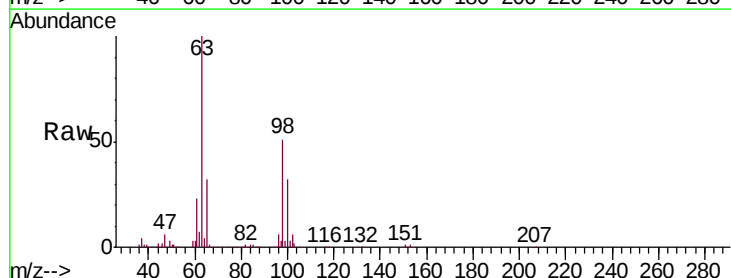
RT: 4.04 min Scan# 350

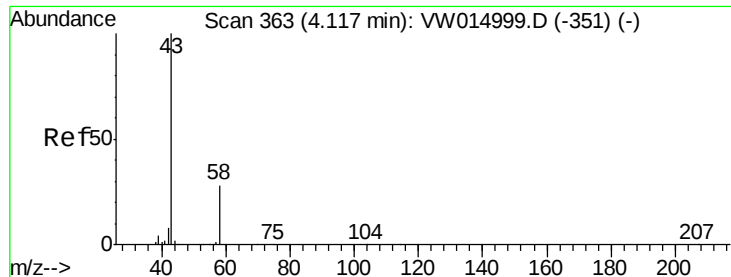
Delta R.T. 0.00 min

Lab File: VW015001.D

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Tgt Ion:	96	Resp:	15658
Ion	Ratio	Lower	Upper
96	100		
61	363.8	147.0	273.0#
63	1609.2	113.4	210.6#





#13

Acetone

Concen: 3.800 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

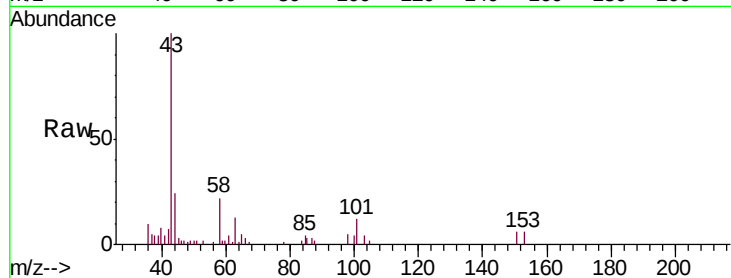
MDL07

Tgt Ion: 43 Resp: 14940

Ion Ratio Lower Upper

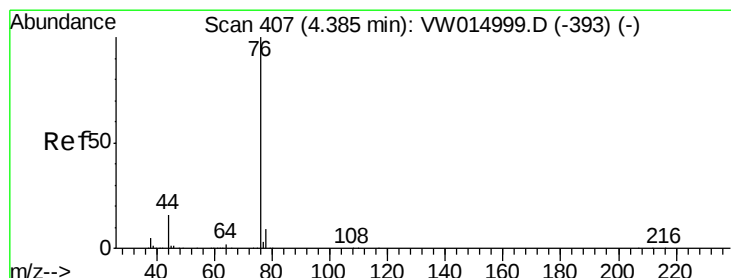
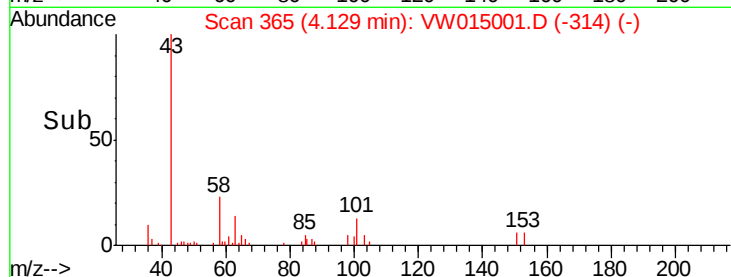
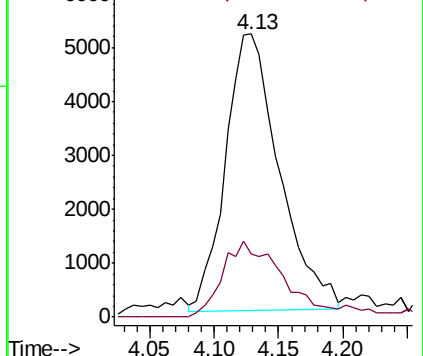
43 100

58 18.1 0.0 54.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.251 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015001.D

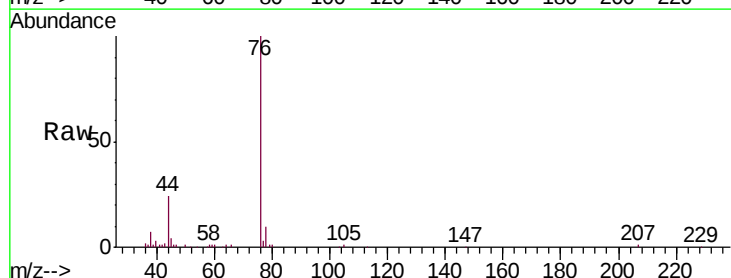
Acq: 17 Feb 2020 15:37

Tgt Ion: 76 Resp: 45219

Ion Ratio Lower Upper

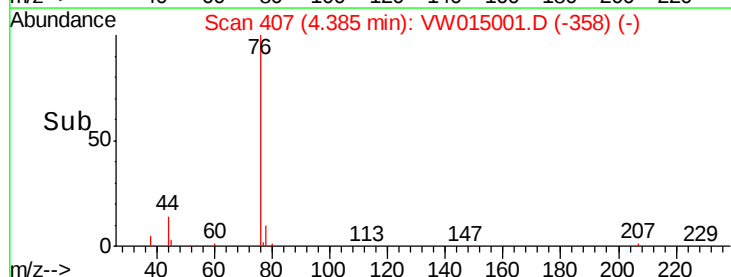
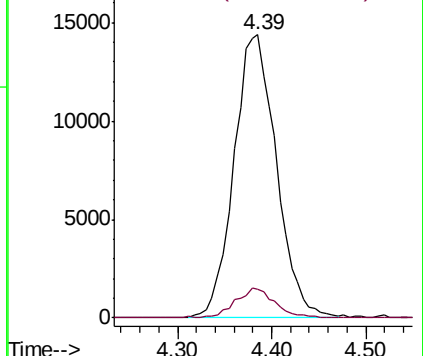
76 100

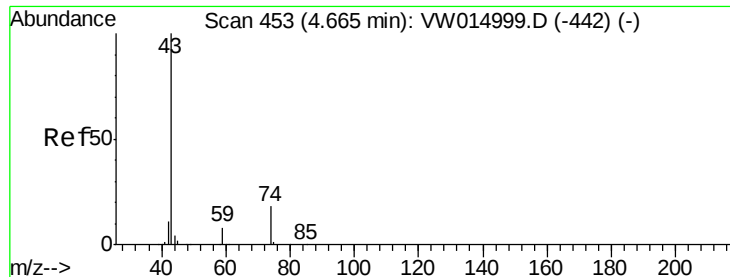
78 10.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

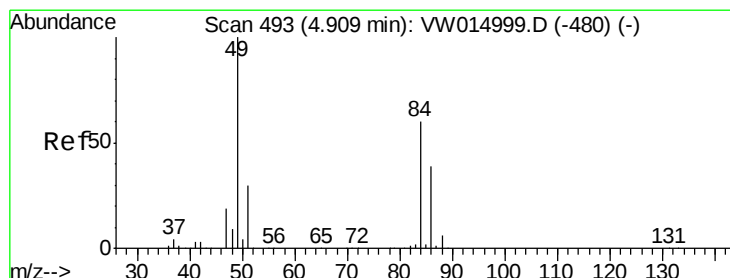
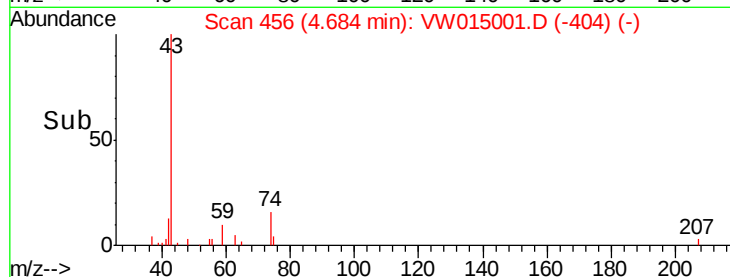
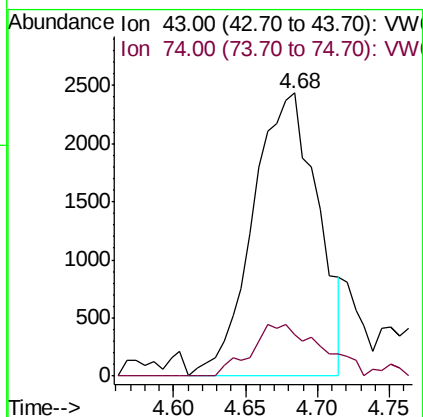
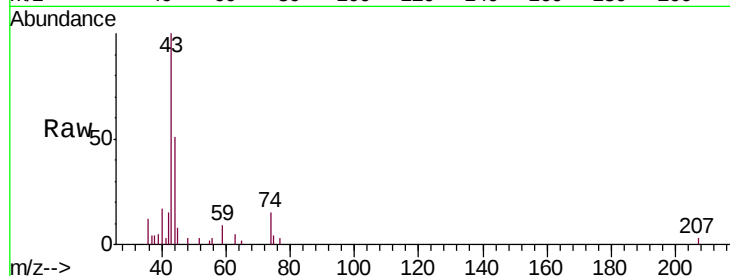




#15
Methyl Acetate
Concen: 1.118 ug/L
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

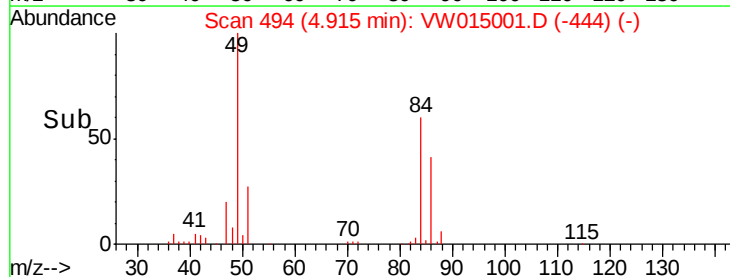
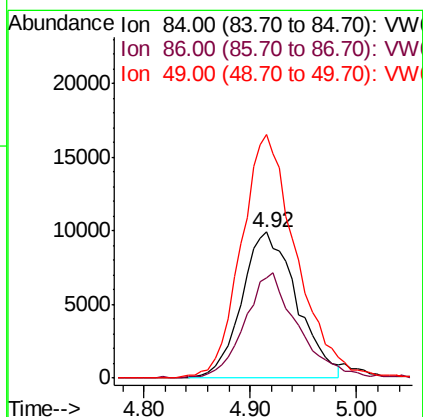
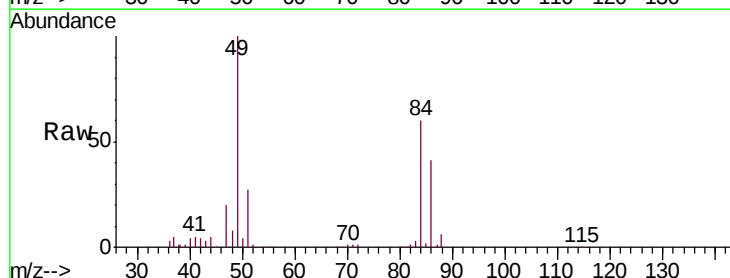
Instrument :
MSVOA_W
ClientSampled :
MDL07

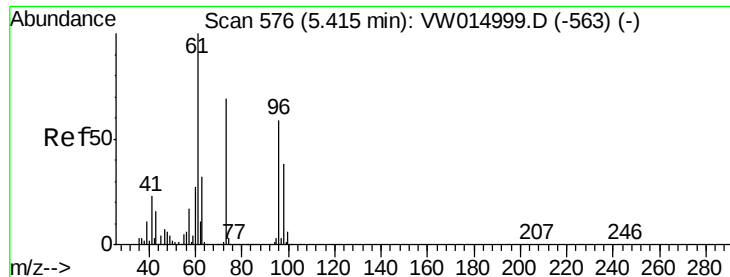
Tgt Ion: 43 Resp: 7630
Ion Ratio Lower Upper
43 100
74 17.7 14.6 21.8



#16
Methylene chloride
Concen: 2.891 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Tgt Ion: 84 Resp: 35839
Ion Ratio Lower Upper
84 100
86 68.3 44.4 82.4
49 166.7 109.0 202.4

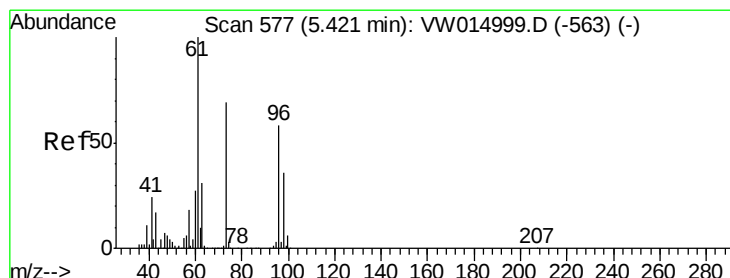
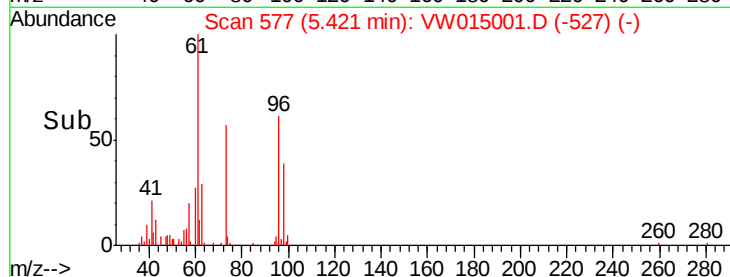
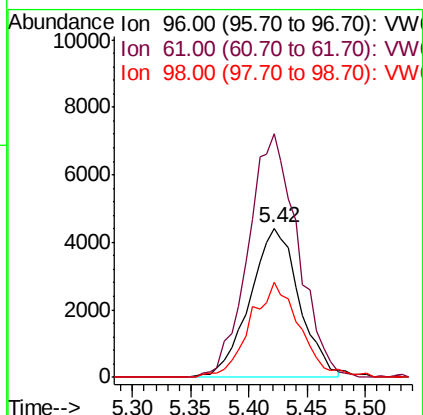
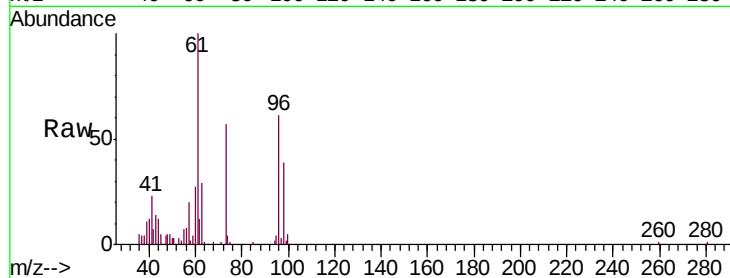




#17
trans-1,2-Dichloroethene
Concen: 1.286 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

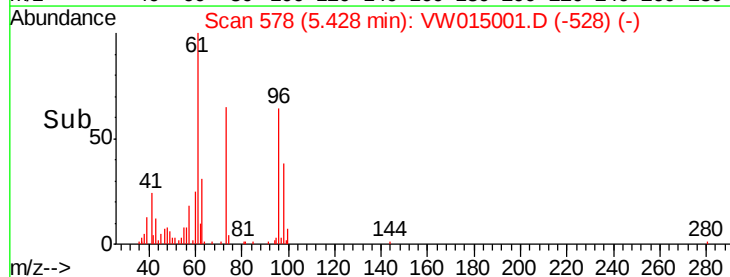
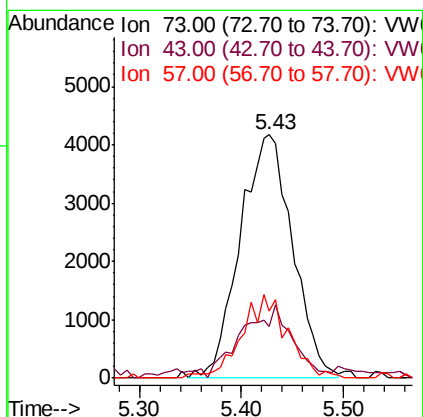
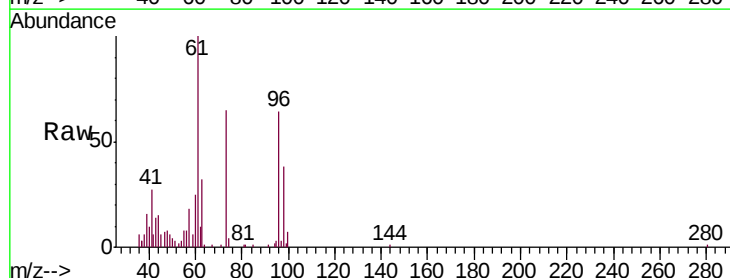
Instrument :
MSVOA_W
ClientSampleId :
MDL07

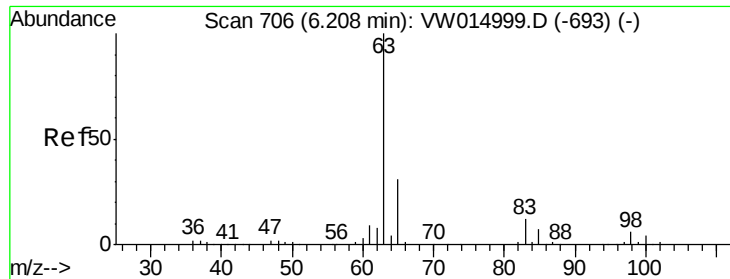
Tgt Ion: 96 Resp: 12975
Ion Ratio Lower Upper
96 100
61 163.1 120.1 223.1
98 63.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 1.200 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Tgt Ion: 73 Resp: 14941
Ion Ratio Lower Upper
73 100
43 11.7 19.6 29.4#
57 20.7 21.0 31.4#

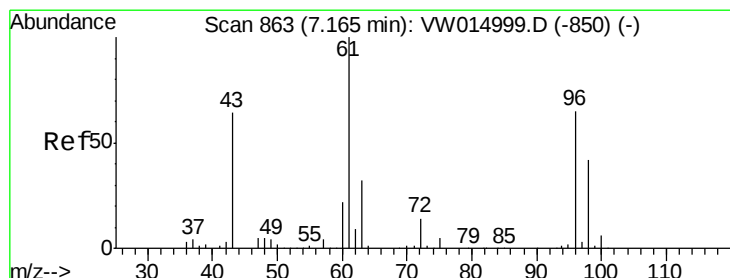
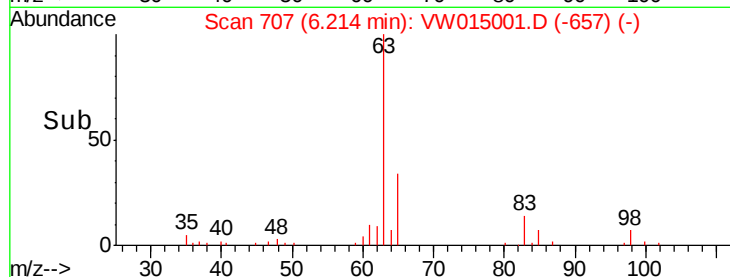
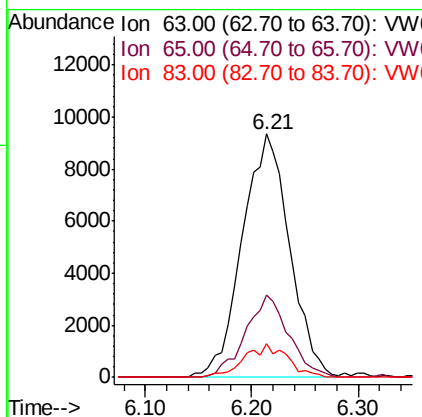
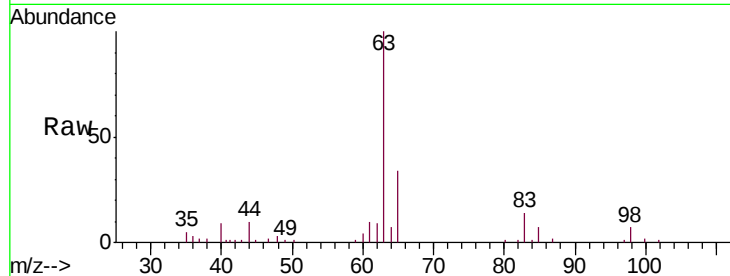




#19
 1,1-Dichloroethane
 Concen: 1.292 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

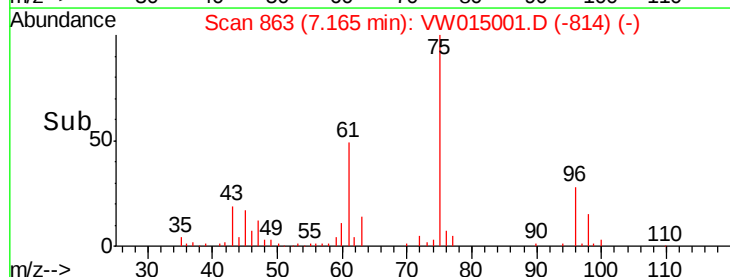
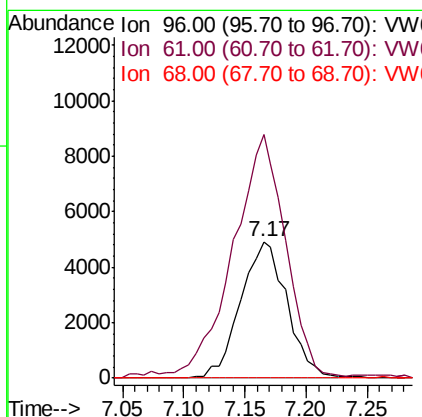
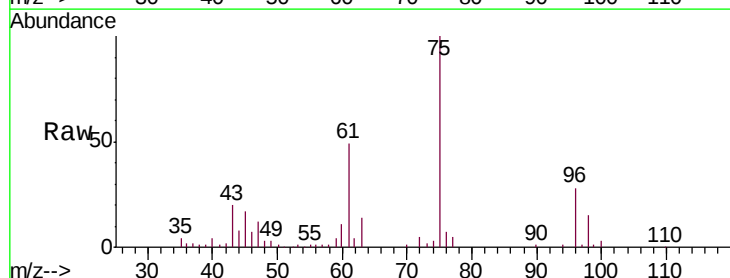
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

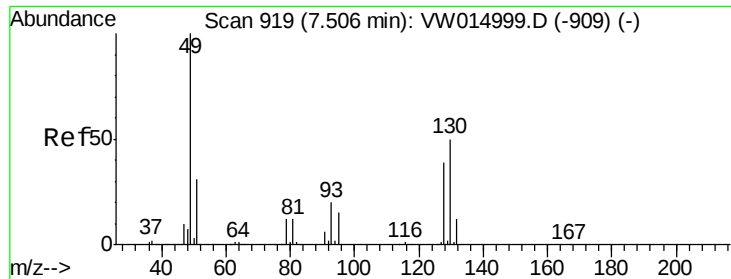
Tgt Ion: 63 Resp: 29119
 Ion Ratio Lower Upper
 63 100
 65 33.6 20.9 38.7
 83 13.8 7.8 14.6



#20
 cis-1,2-Dichloroethene
 Concen: 1.244 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

Tgt Ion: 96 Resp: 12941
 Ion Ratio Lower Upper
 96 100
 61 178.6 111.5 207.1
 68 0.0 0.0 0.0

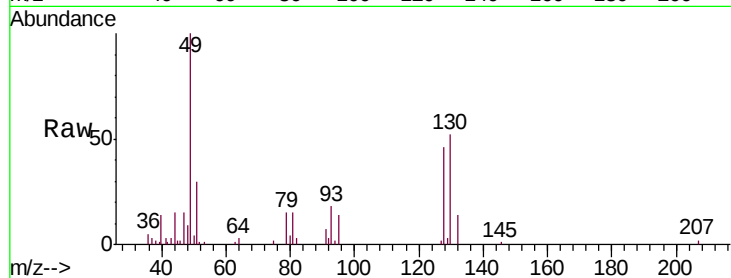




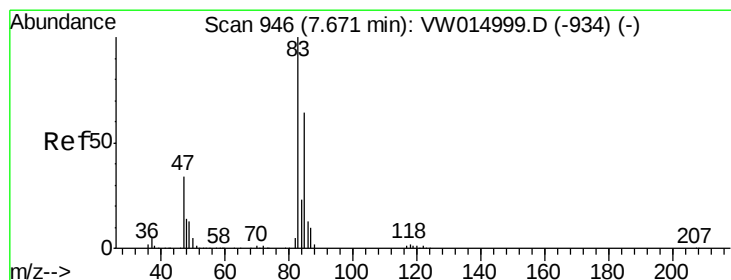
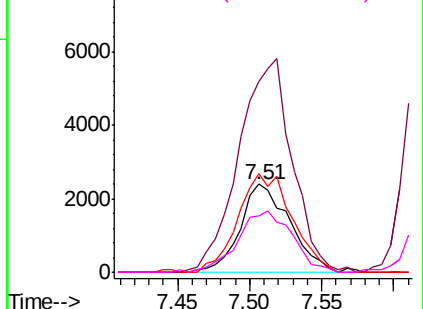
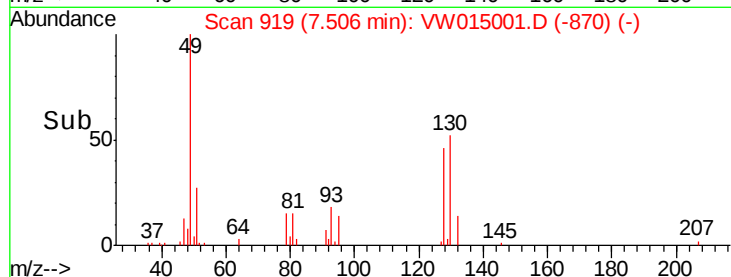
#23
Bromochloromethane
Concen: 1.357 ug/L
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Instrument :
MSVOA_W
ClientSampled :
MDL07

Tgt Ion:128 Resp: 5725
Ion Ratio Lower Upper
128 100
49 216.4 179.0 332.4
130 111.5 85.5 158.7
51 64.5 61.7 92.5

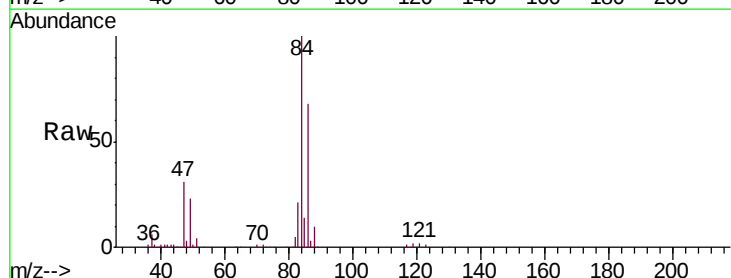


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW

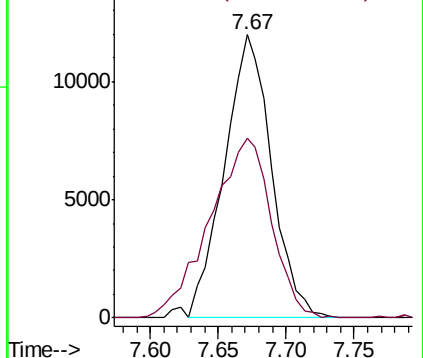
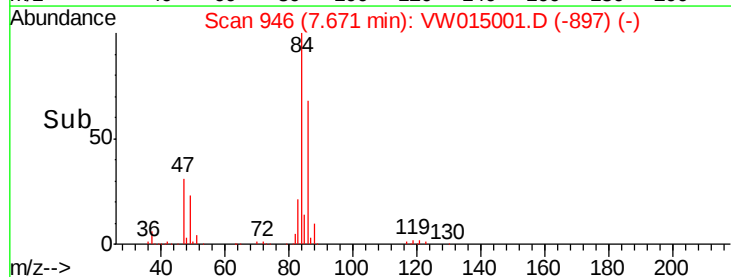


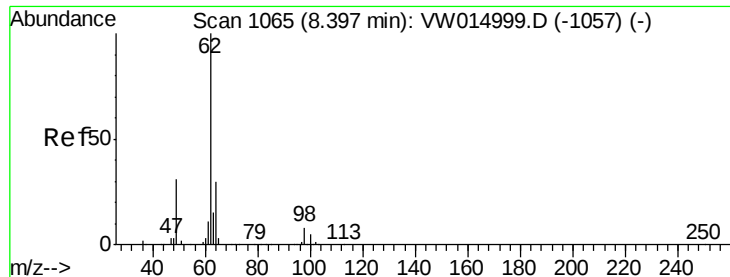
#25
Chloroform
Concen: 1.438 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Tgt Ion: 83 Resp: 28872
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW





#27

1,2-Dichloroethane

Concen: 1.414 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampled :

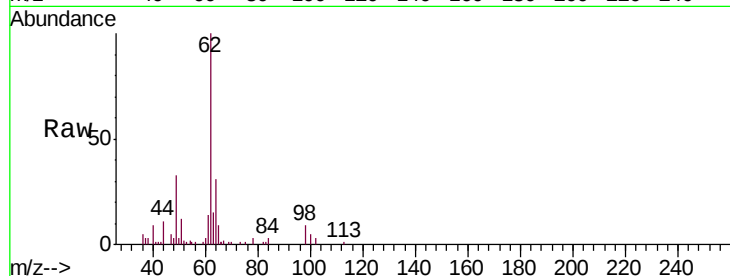
MDL07

Tgt Ion: 62 Resp: 20871

Ion Ratio Lower Upper

62 100

98 8.8 6.2 9.4



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.40

10000

8000

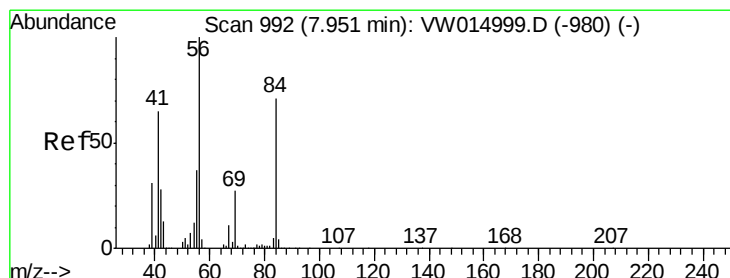
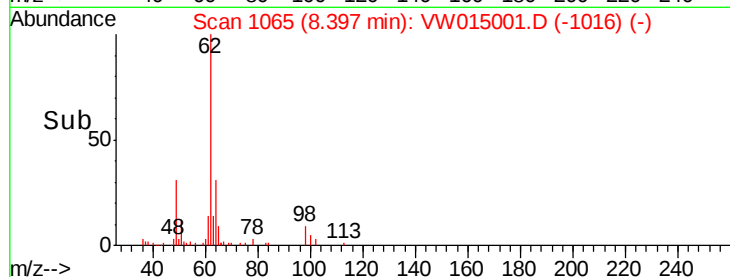
6000

4000

2000

0

Time--> 8.30 8.35 8.40 8.45



#29

Cyclohexane

Concen: 1.059 ug/L

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

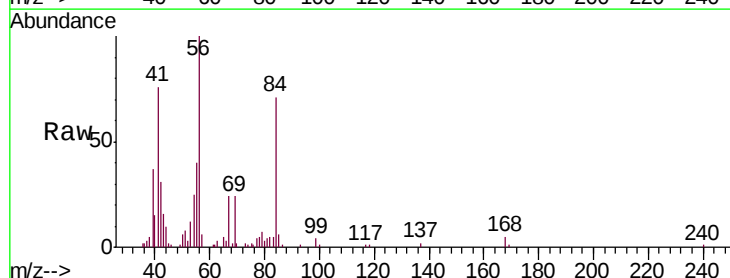
Tgt Ion: 56 Resp: 21505

Ion Ratio Lower Upper

56 100

69 27.1 22.0 33.0

84 71.2 57.8 86.6



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

7.95

10000

8000

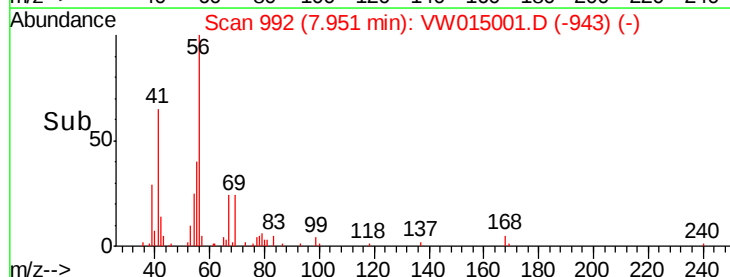
6000

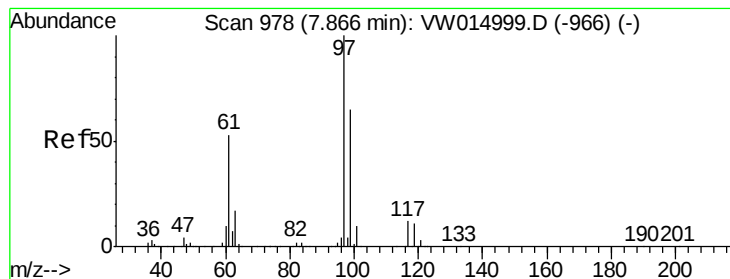
4000

2000

0

Time--> 7.85 7.90 7.95 8.00 8.05





#30

1,1,1-Trichloroethane

Concen: 1.300 ug/L

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

MDL07

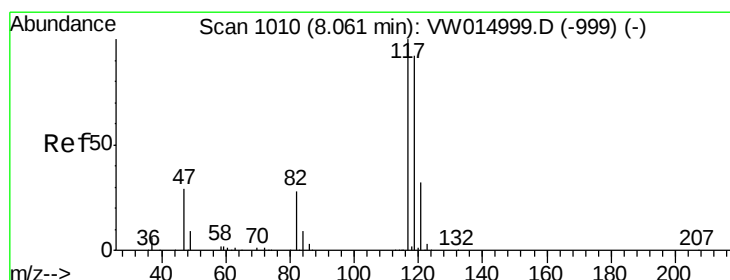
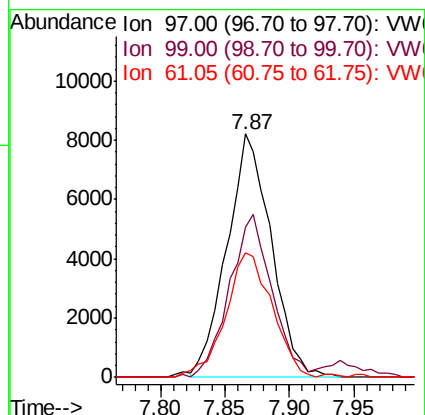
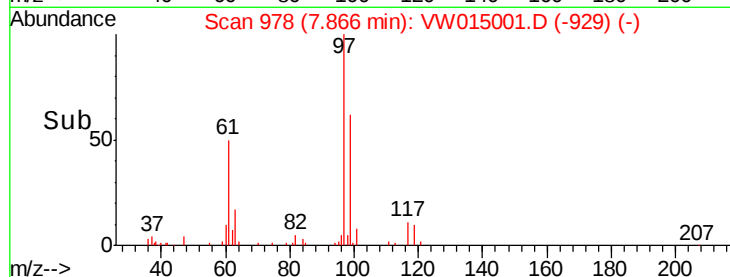
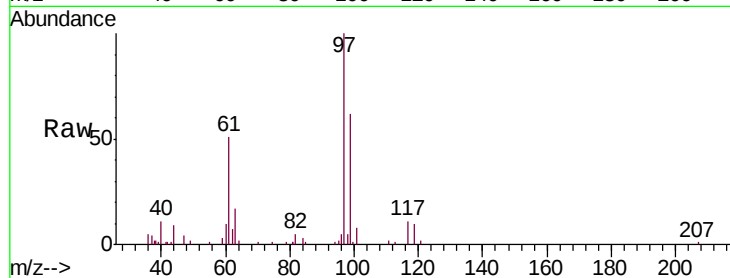
Tgt Ion: 97 Resp: 19703

Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 53.5 42.7 64.1



#31

Carbon tetrachloride

Concen: 1.300 ug/L

RT: 8.06 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VW015001.D

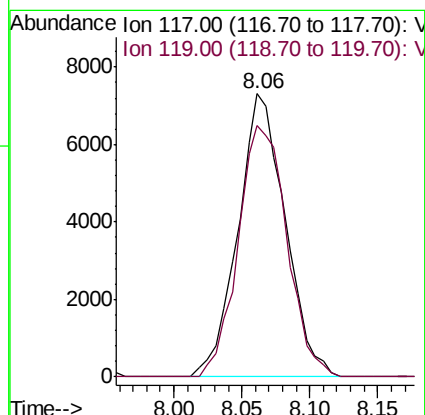
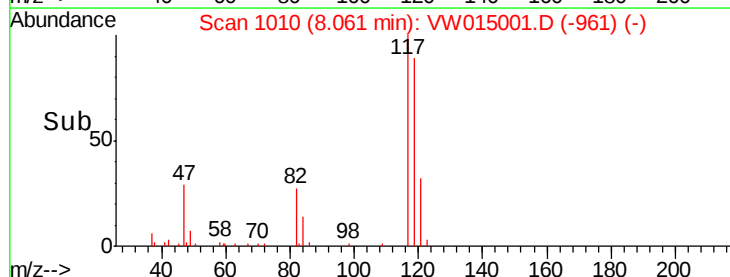
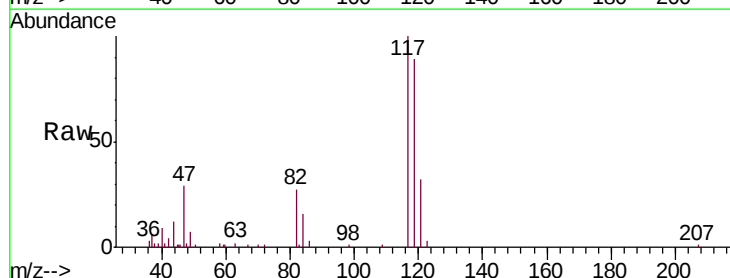
Acq: 17 Feb 2020 15:37

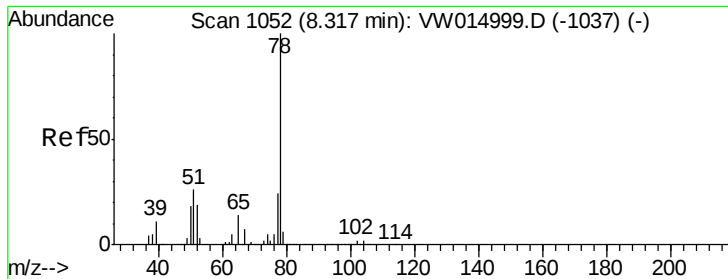
Tgt Ion: 117 Resp: 17752

Ion Ratio Lower Upper

117 100

119 91.6 76.6 114.8





#33

Benzene

Concen: 1.333 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

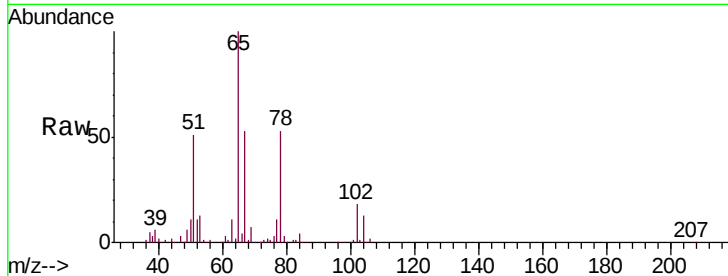
Instrument :

MSVOA_W

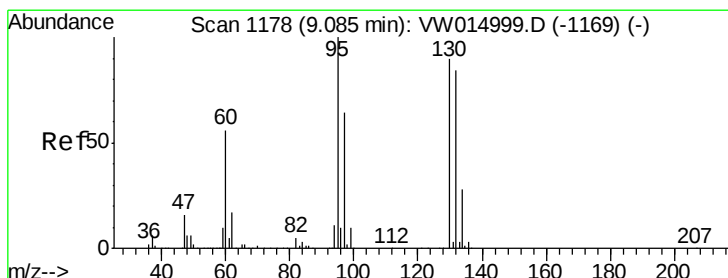
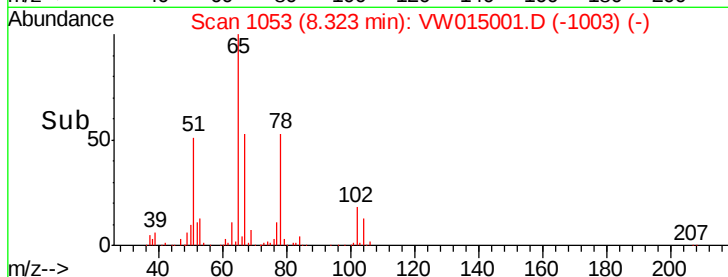
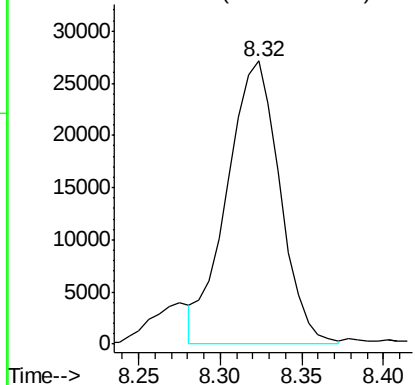
ClientSampleId :

MDL07

Tgt Ion: 78 Resp: 60961



Abundance Ion 78.00 (77.70 to 78.70): VW



#34

Trichloroethene

Concen: 1.292 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Tgt Ion: 95 Resp: 14156

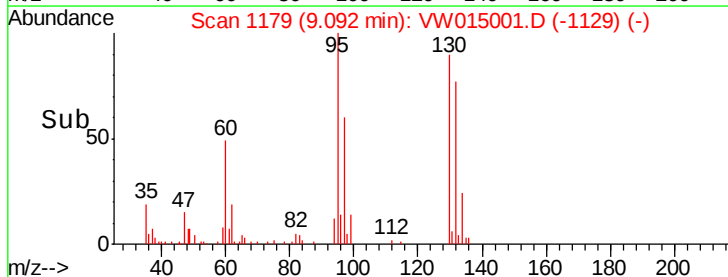
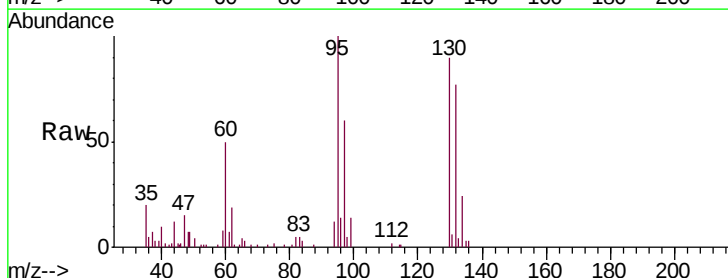
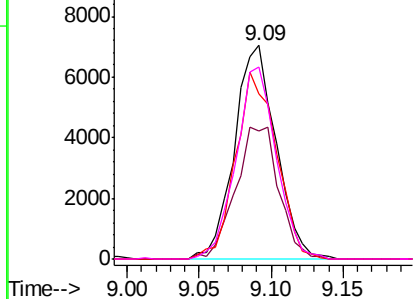
Ion	Ratio	Lower	Upper
95	100		
97	60.1	44.2	82.0
132	77.3	56.1	104.3
130	90.2	60.1	111.7

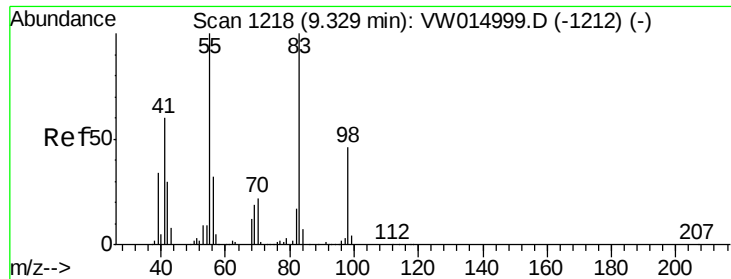
Abundance Ion 95.00 (94.70 to 95.70): VW

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

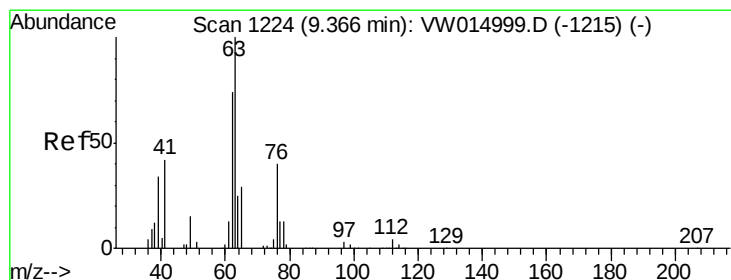
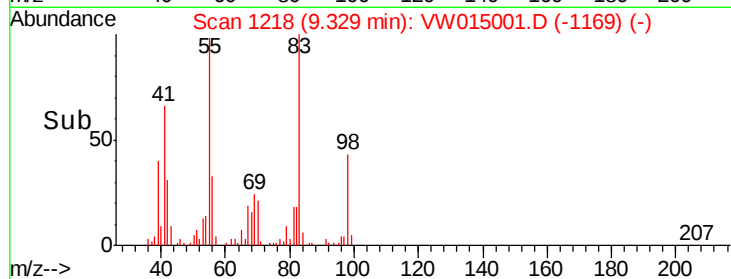
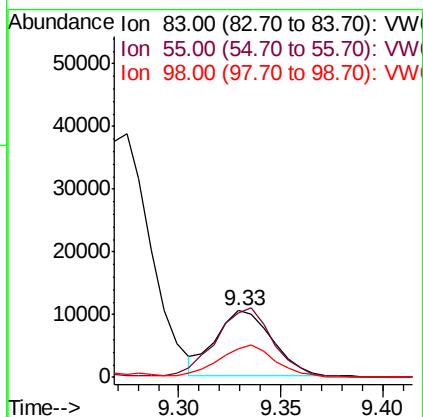
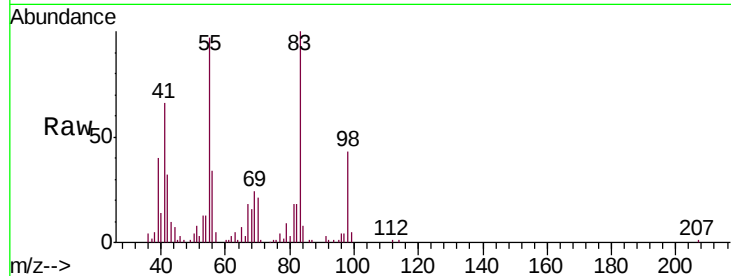




#35
Methylcyclohexane
Concen: 1.050 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

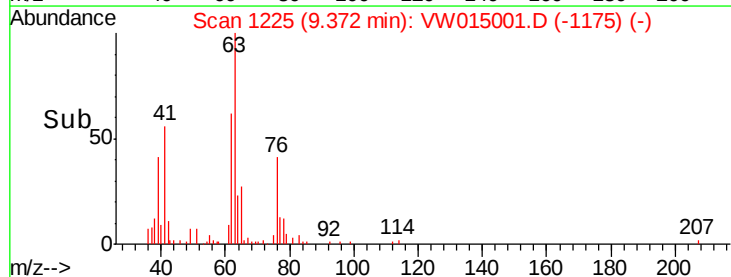
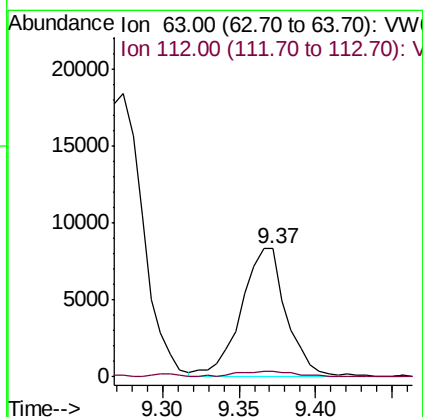
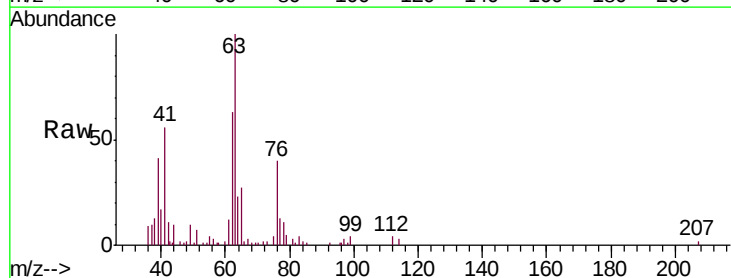
Instrument :
MSVOA_W
ClientSampled :
MDL07

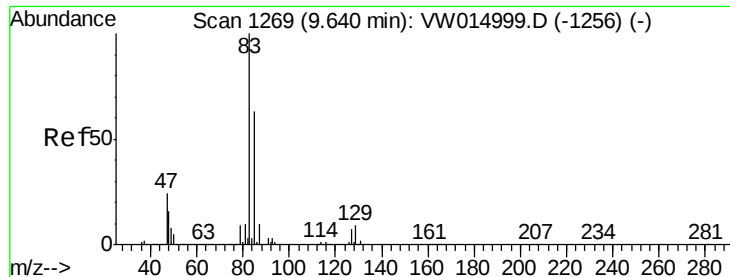
Tgt Ion: 83 Resp: 19828
Ion Ratio Lower Upper
83 100
55 111.1 76.3 114.5
98 49.5 36.4 54.6



#37
1,2-Dichloropropane
Concen: 1.345 ug/L
RT: 9.37 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Tgt Ion: 63 Resp: 17176
Ion Ratio Lower Upper
63 100
112 5.4 2.6 4.0#





#38

Bromodichloromethane

Concen: 1.294 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

MDL07

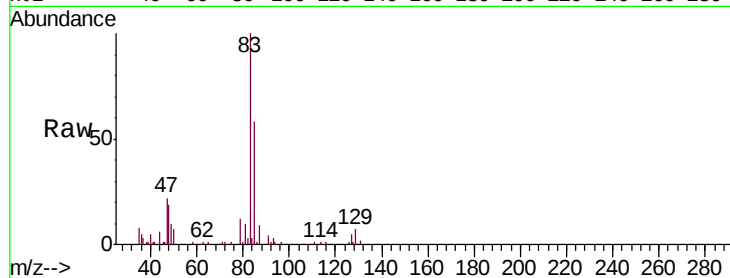
Tgt Ion: 83 Resp: 18616

Ion Ratio Lower Upper

83 100

85 57.8 45.2 84.0

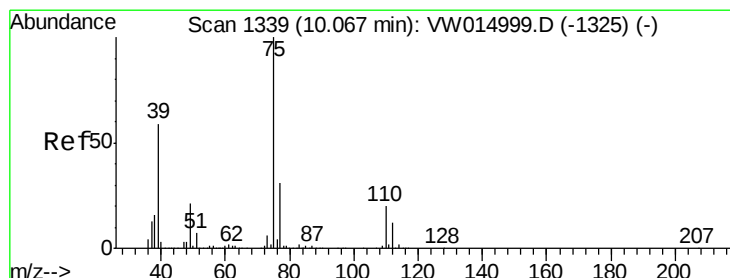
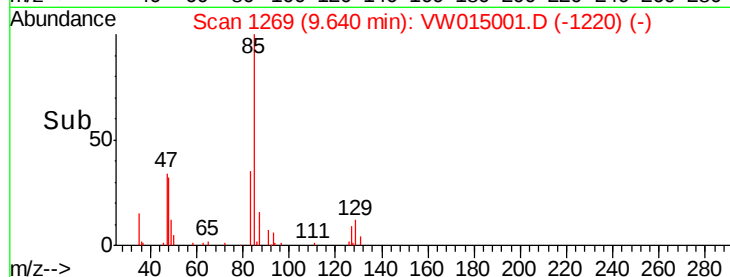
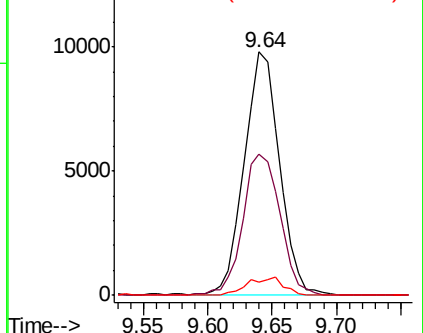
127 5.4 5.5 8.3#



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): VW



#39

cis-1,3-Dichloropropene

Concen: 1.172 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW015001.D

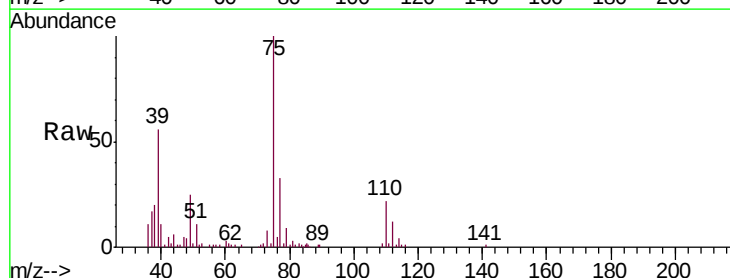
Acq: 17 Feb 2020 15:37

Tgt Ion: 75 Resp: 20032

Ion Ratio Lower Upper

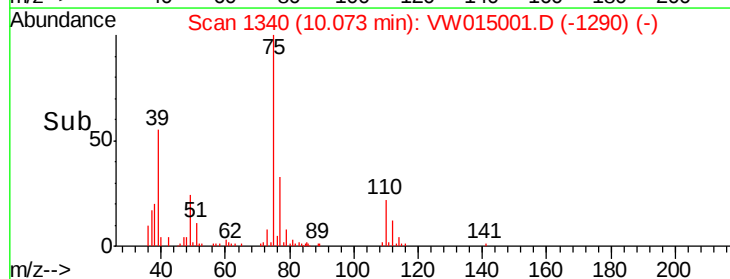
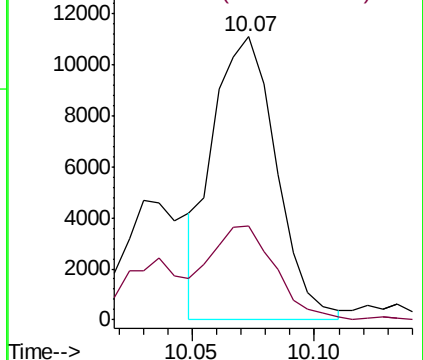
75 100

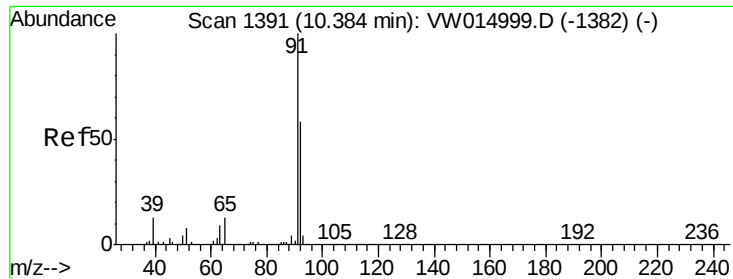
77 33.2 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#42

Toluene

Concen: 1.303 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampled :

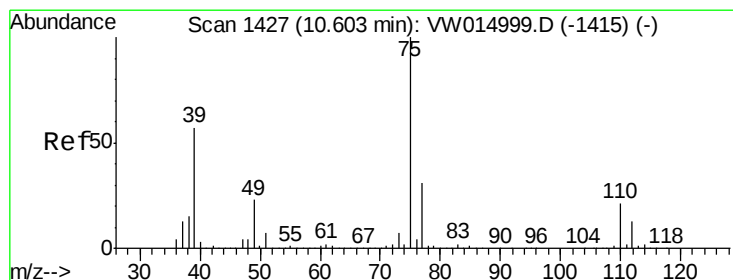
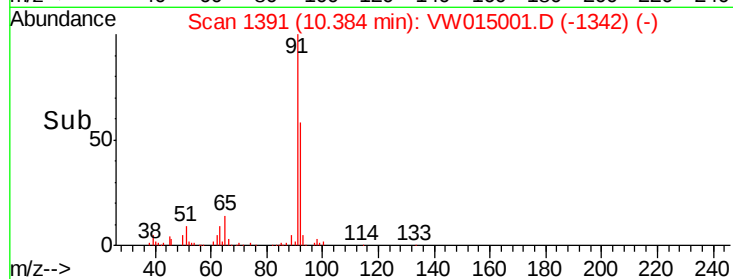
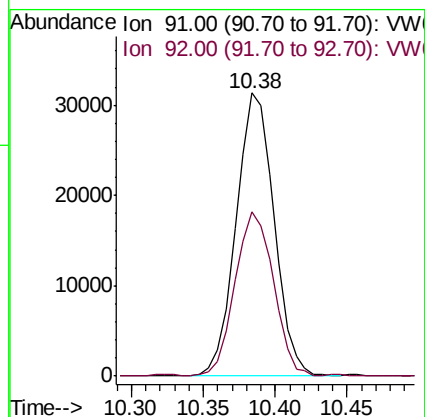
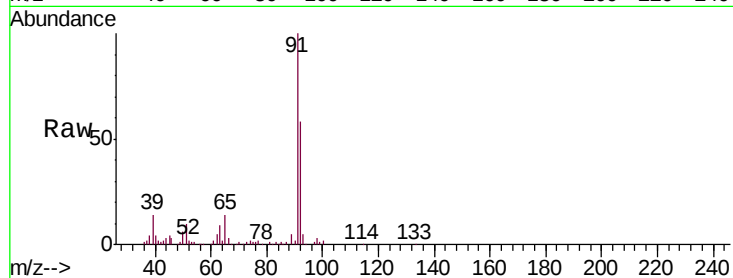
MDL07

Tgt Ion: 91 Resp: 57564

Ion Ratio Lower Upper

91 100

92 58.1 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 1.676 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015001.D

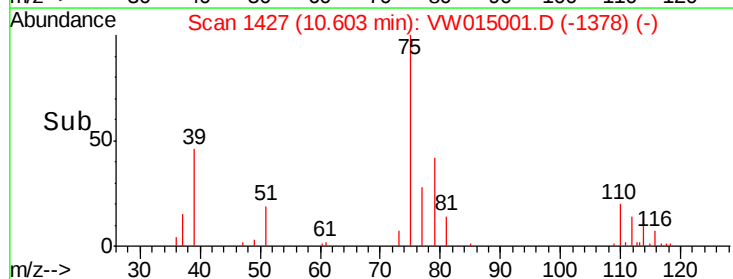
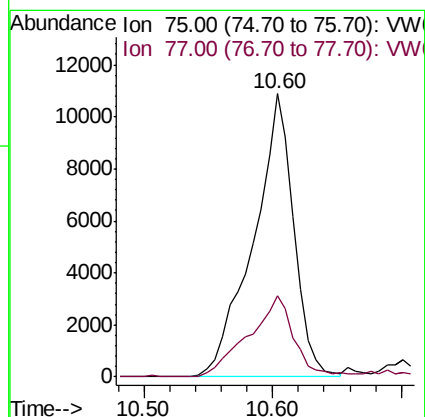
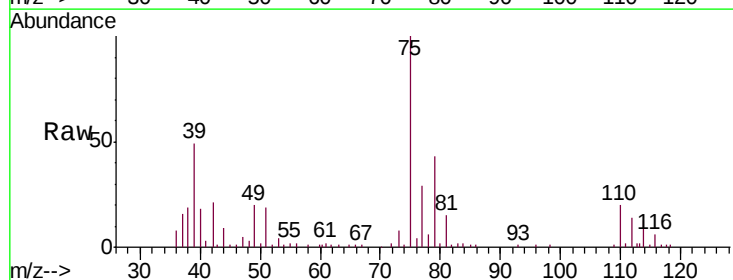
Acq: 17 Feb 2020 15:37

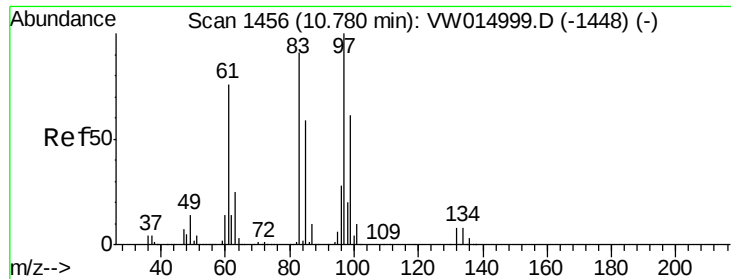
Tgt Ion: 75 Resp: 23766

Ion Ratio Lower Upper

75 100

77 28.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 1.337 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.01 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion: 97 Resp: 10359

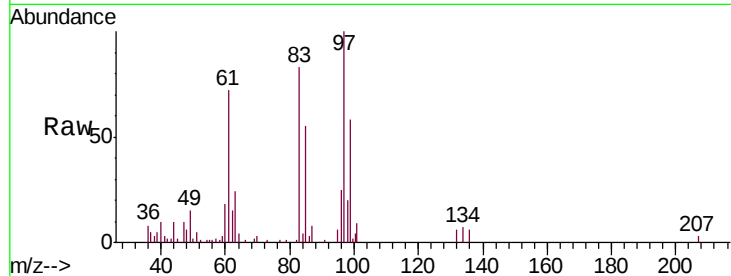
Ion Ratio Lower Upper

97 100

99 58.5 44.2 82.0

83 83.2 64.1 119.1

85 54.6 42.1 78.1

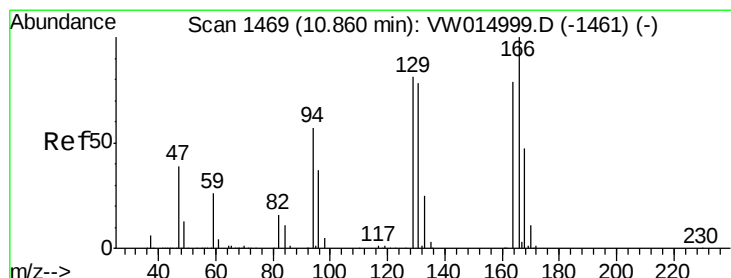
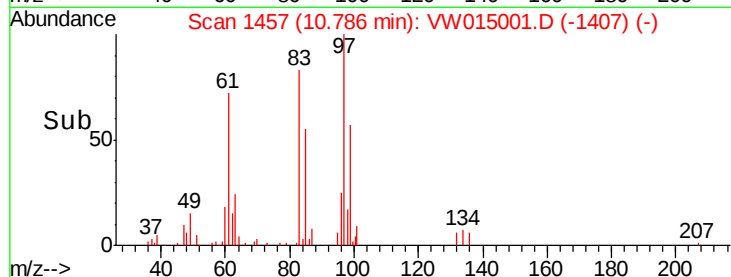
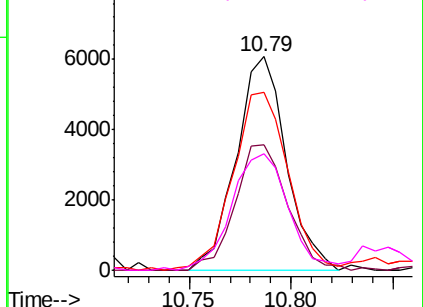


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#46

Tetrachloroethene

Concen: 1.335 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Tgt Ion:164 Resp: 9497

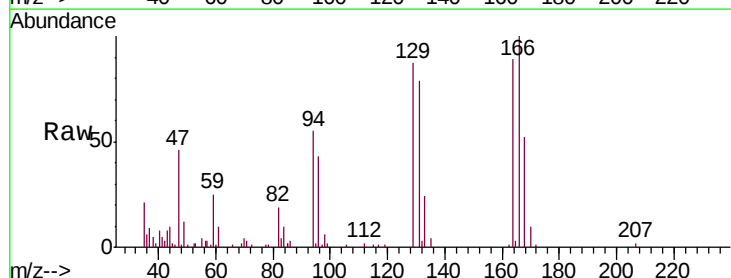
Ion Ratio Lower Upper

164 100

129 97.8 72.2 134.2

131 88.4 68.1 126.5

166 112.4 90.6 168.2

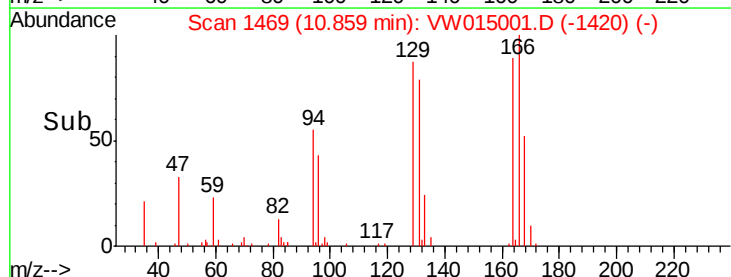
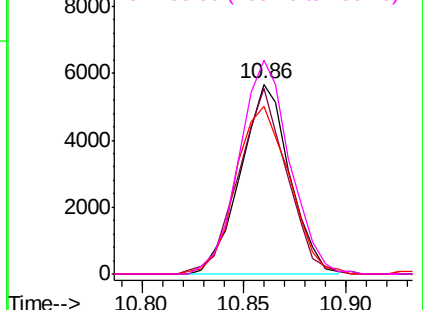


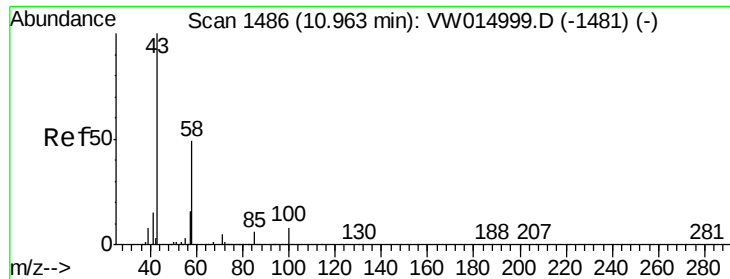
Abundance Ion 164.00 (163.70 to 164.70): V

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

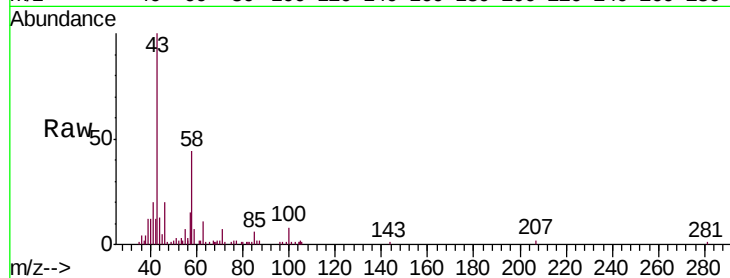




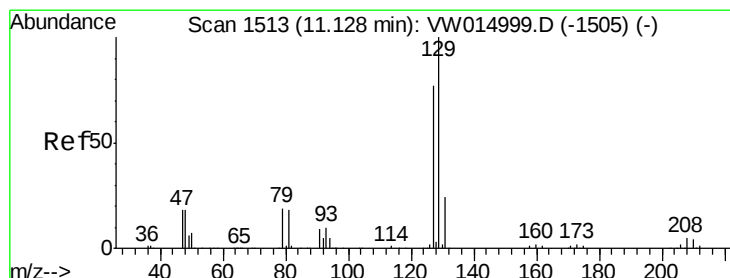
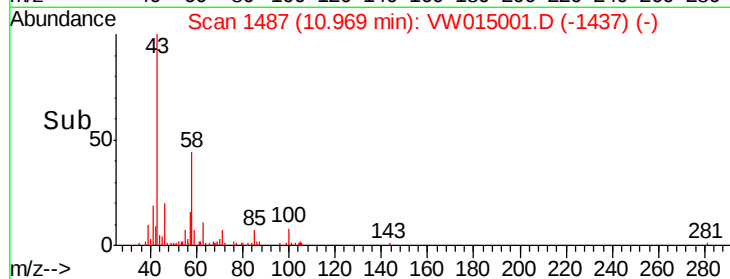
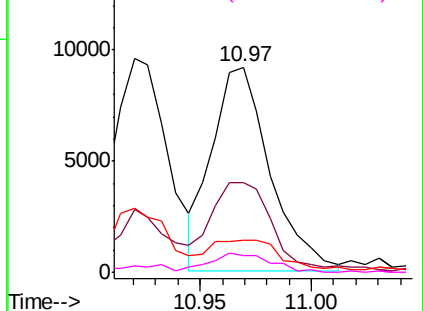
#48
2-Hexanone
Concen: 2.516 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion:	43	Resp:	16670
Ion	Ratio	Lower	Upper
43	100		
58	45.8	39.2	58.8
57	3.0	13.1	19.7#
100	9.7	7.0	10.4

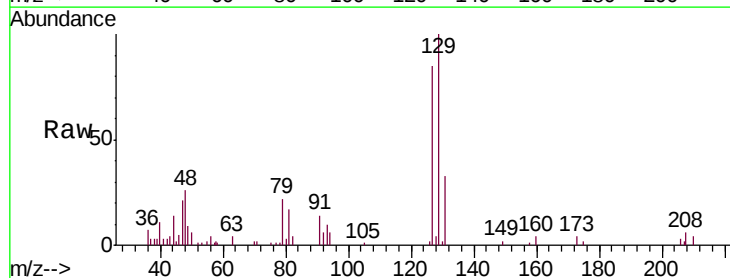


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

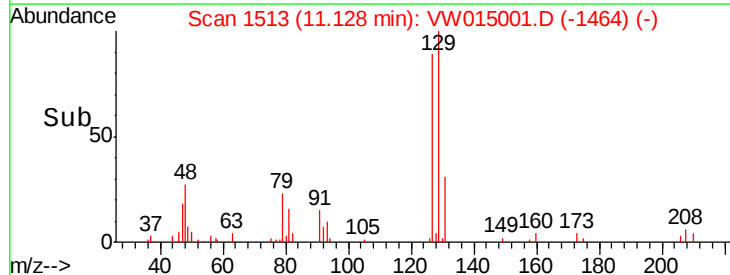
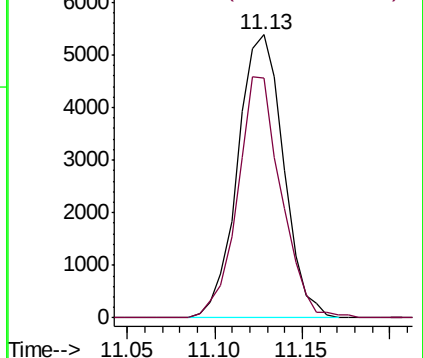


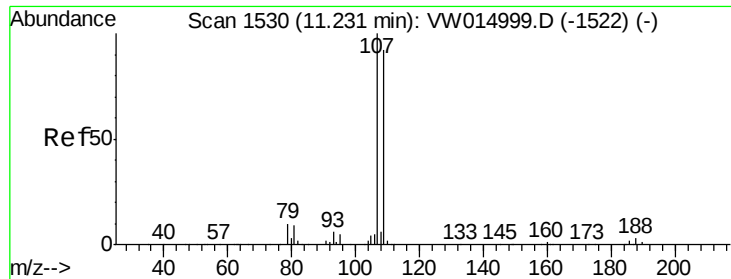
#49
Dibromochloromethane
Concen: 1.213 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Tgt Ion:	129	Resp:	9796
Ion	Ratio	Lower	Upper
129	100		
127	84.9	53.0	98.4



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

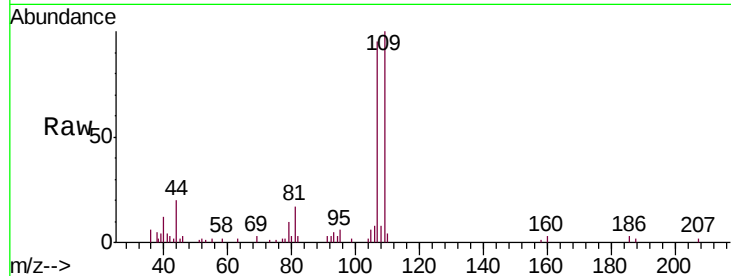




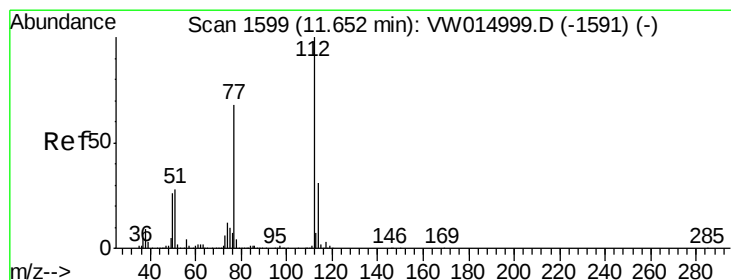
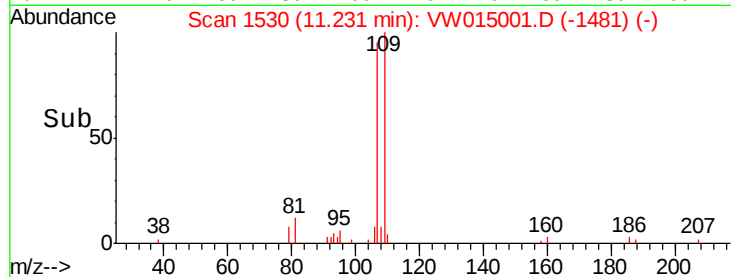
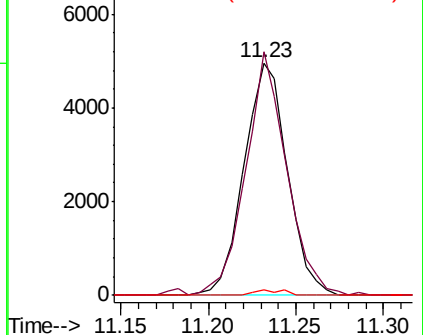
#50
1,2-Dibromoethane
Concen: 1.226 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Instrument :
MSVOA_W
ClientSampled :
MDL07

Tgt Ion:107 Resp: 8561
Ion Ratio Lower Upper
107 100
109 104.8 65.1 120.9
188 2.3 2.4 3.6#

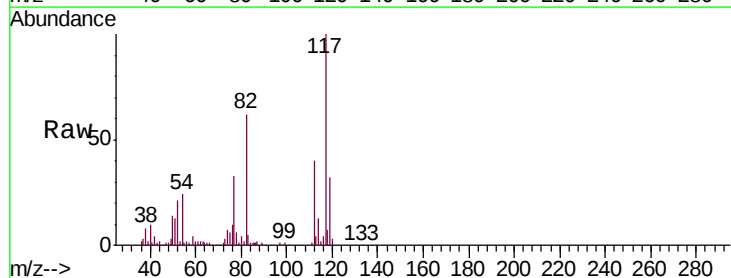


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

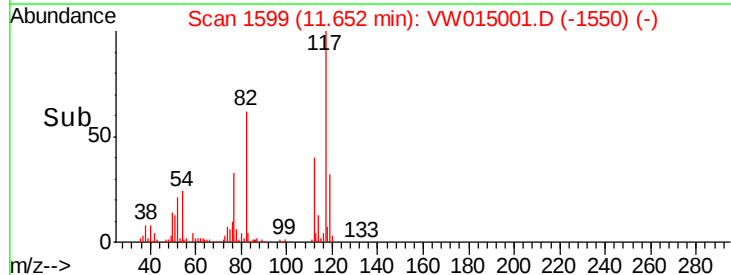
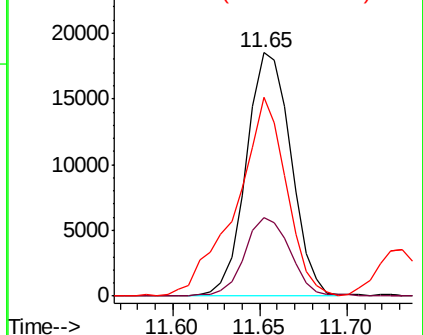


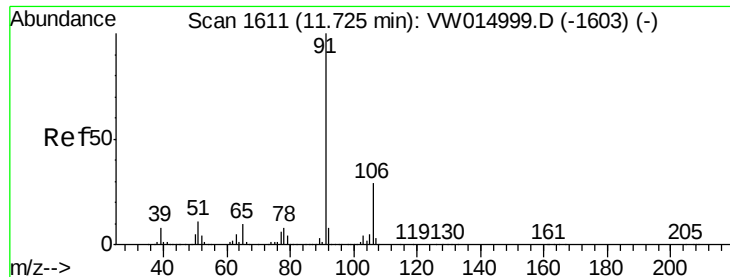
#51
Chlorobenzene
Concen: 1.268 ug/L
RT: 11.65 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Tgt Ion:112 Resp: 33047
Ion Ratio Lower Upper
112 100
114 32.1 22.6 42.0
77 81.9 54.6 82.0



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 1.116 ug/L

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

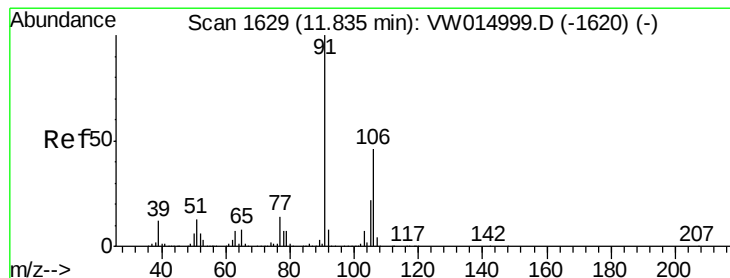
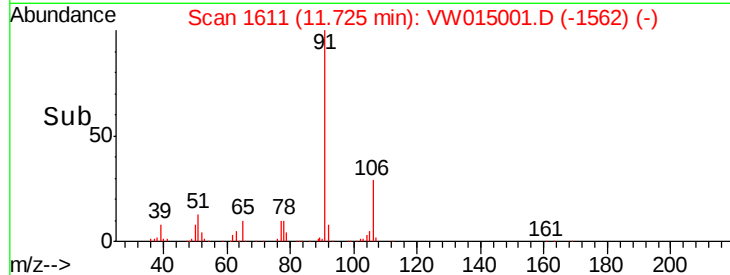
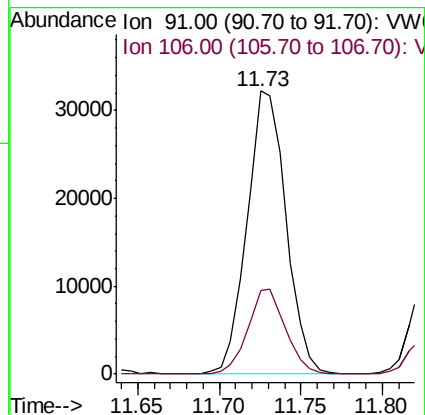
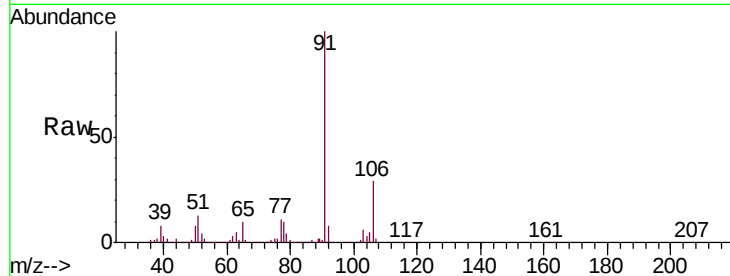
MDL07

Tgt Ion: 91 Resp: 53717

Ion Ratio Lower Upper

91 100

106 29.4 20.2 37.4



#53

m,p-Xylene

Concen: 1.053 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW015001.D

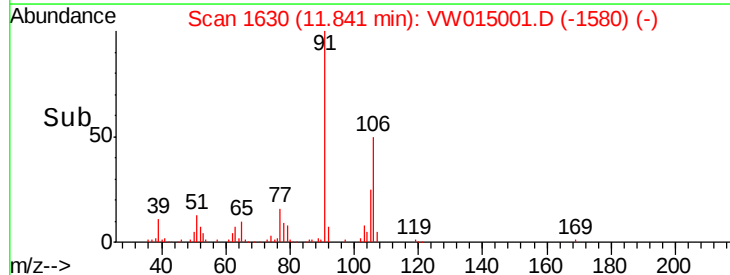
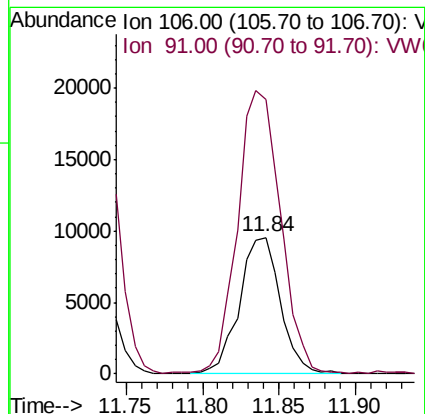
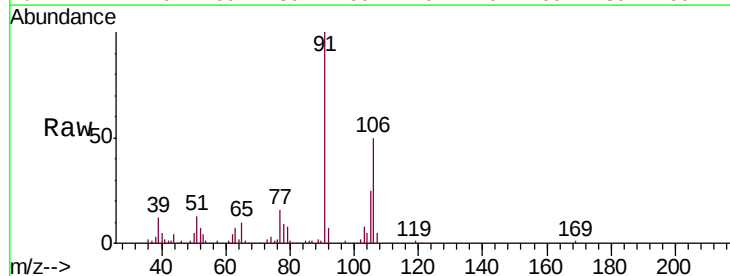
Acq: 17 Feb 2020 15:37

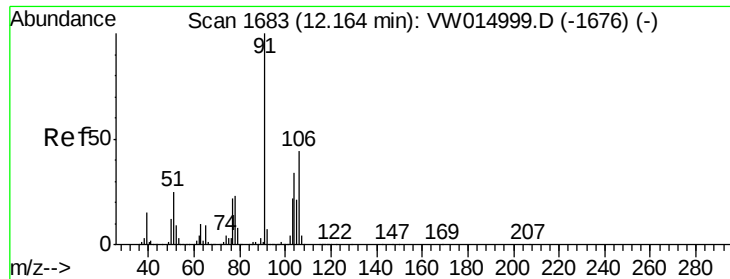
Tgt Ion: 106 Resp: 17792

Ion Ratio Lower Upper

106 100

91 201.0 149.2 277.2

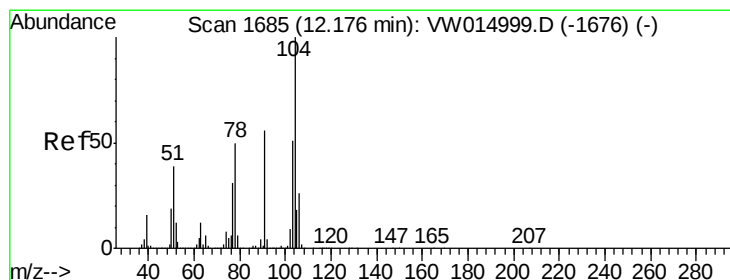
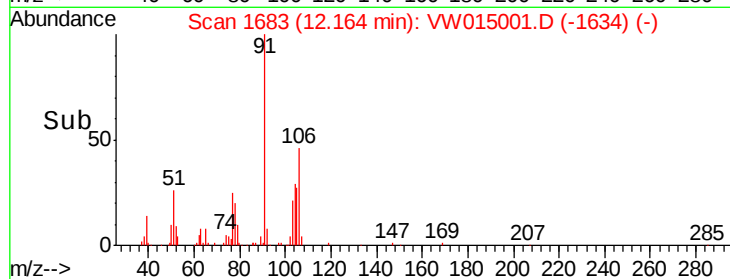
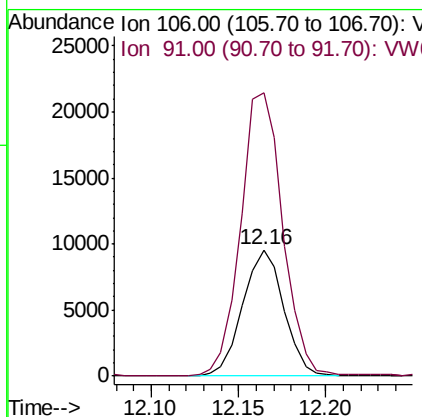
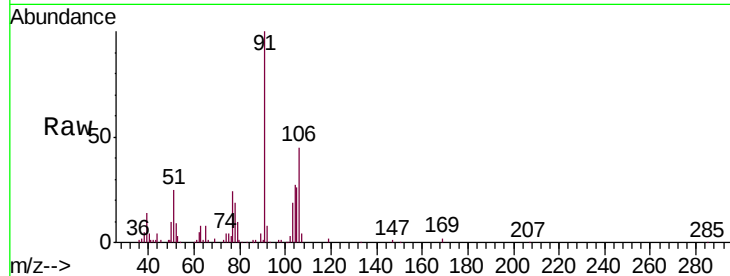




#54
o-Xylene
Concen: 0.994 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

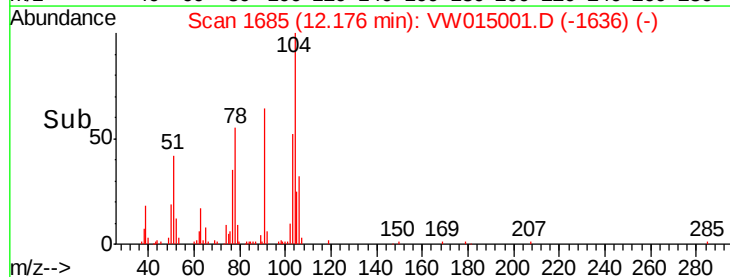
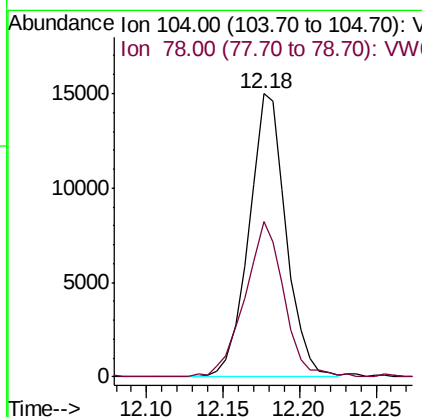
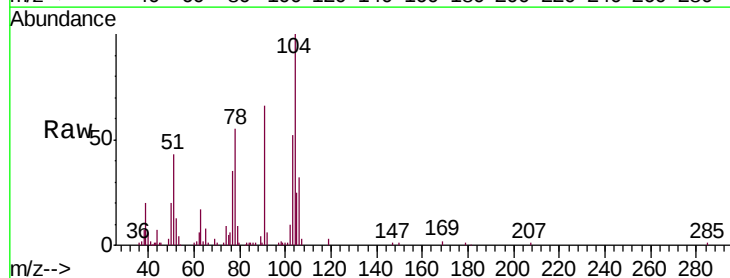
Instrument :
MSVOA_W
ClientSampled :
MDL07

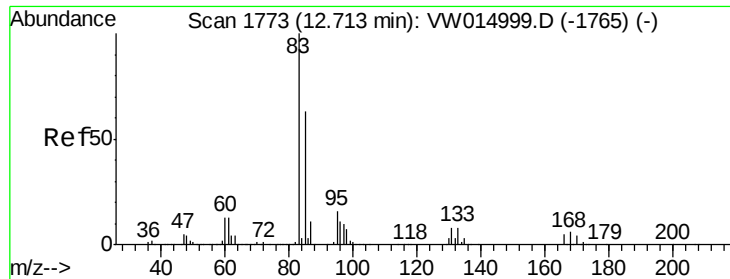
Tgt Ion:106 Resp: 15764
Ion Ratio Lower Upper
106 100
91 224.4 163.7 304.1



#55
Styrene
Concen: 0.923 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Tgt Ion:104 Resp: 25224
Ion Ratio Lower Upper
104 100
78 54.9 36.8 68.4

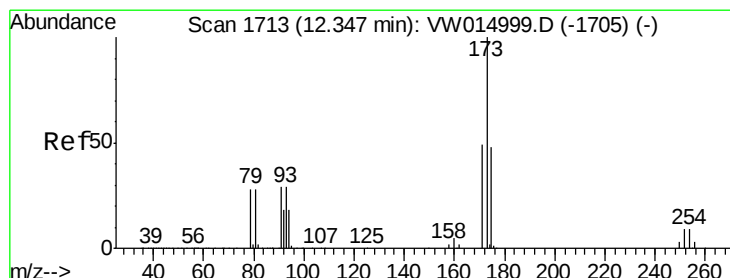
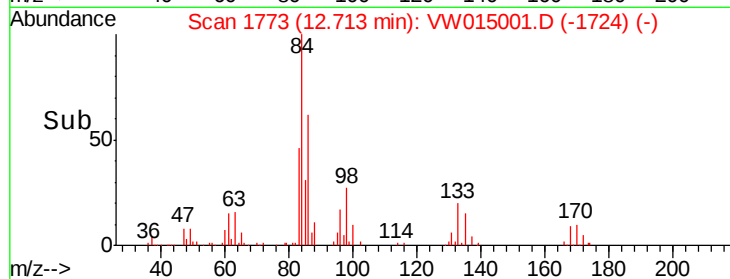
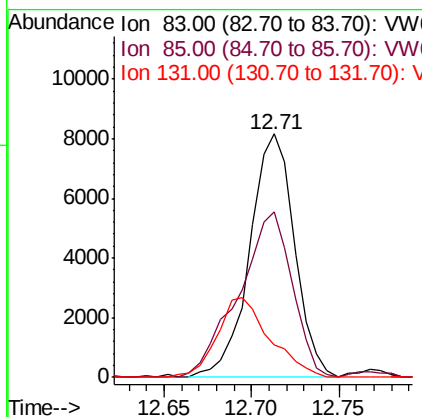
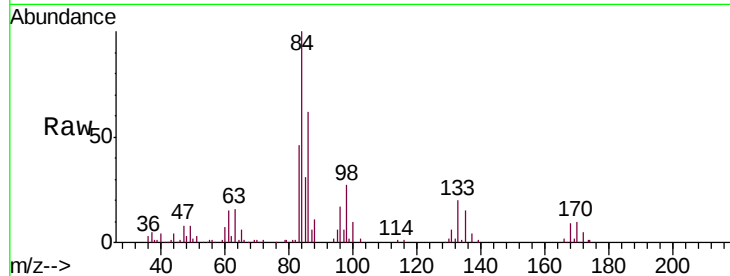




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.398 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

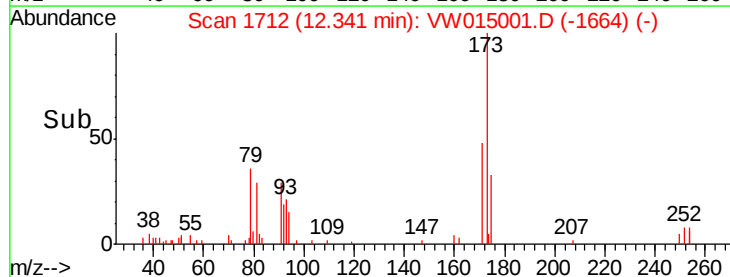
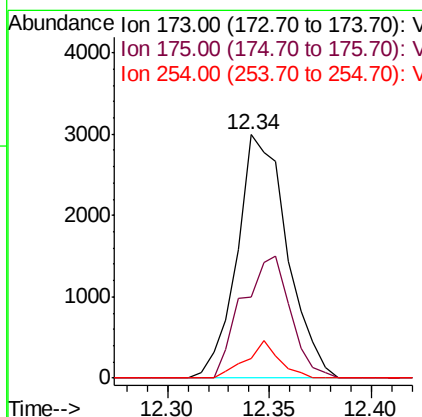
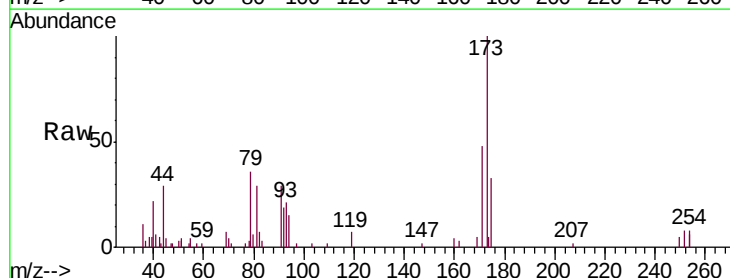
Instrument :
 MSVOA_W
 ClientSampled :
 MDL07

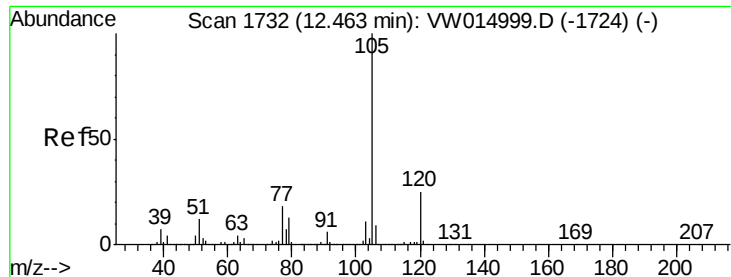
Tgt Ion: 83 Resp: 14498
 Ion Ratio Lower Upper
 83 100
 85 67.9 44.9 83.5
 131 13.6 6.2 9.2#



#59
 Bromoform
 Concen: 1.353 ug/L
 RT: 12.34 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

Tgt Ion: 173 Resp: 5102
 Ion Ratio Lower Upper
 173 100
 175 48.5 39.0 58.4
 254 10.2 7.1 10.7





#60

Isopropylbenzene

Concen: 1.093 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

MDL07

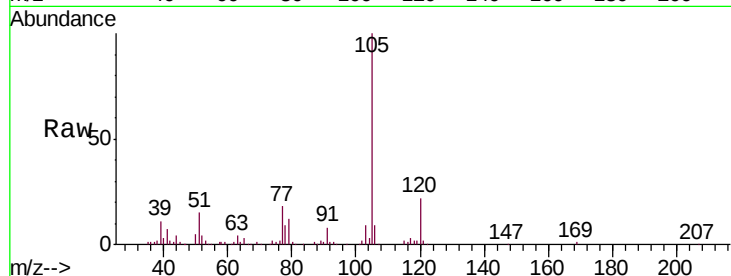
Tgt Ion: 105 Resp: 42168

Ion Ratio Lower Upper

105 100

120 23.3 20.1 30.1

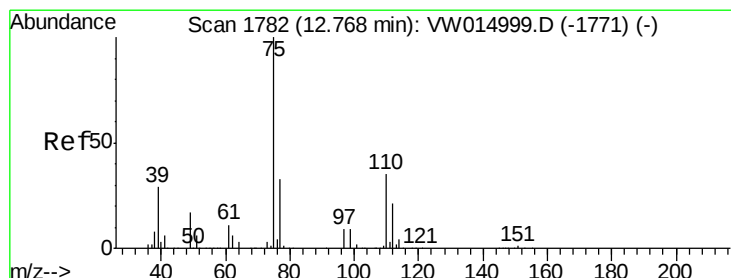
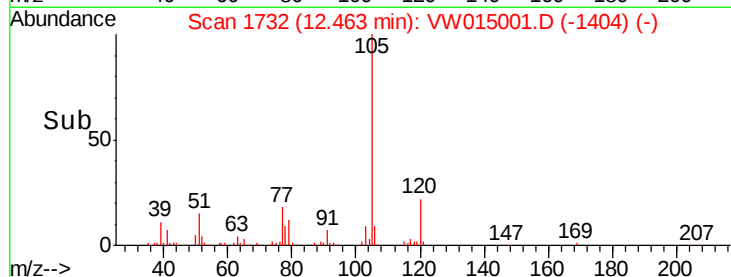
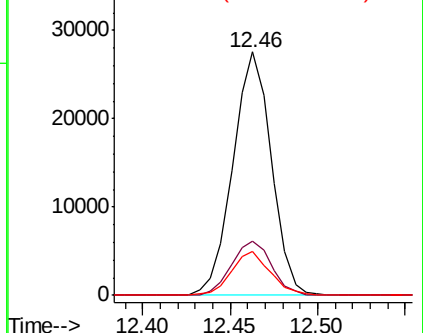
77 18.2 14.4 21.6



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



#61

1,2,3-Trichloropropane

Concen: 1.437 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

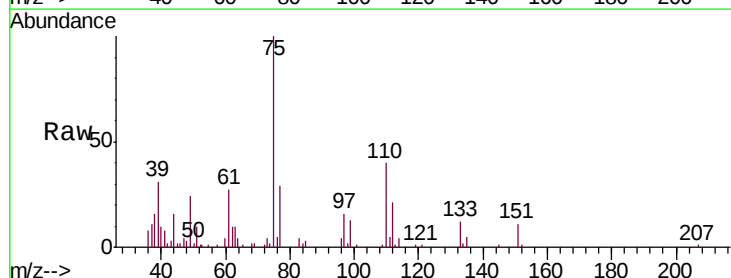
Tgt Ion: 75 Resp: 10386

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.6

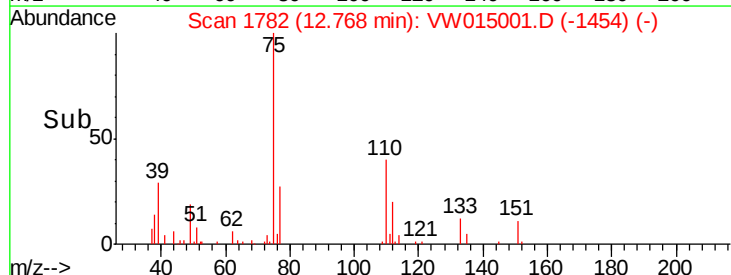
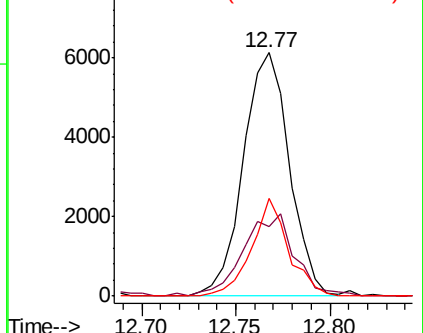
110 32.2 26.6 39.8

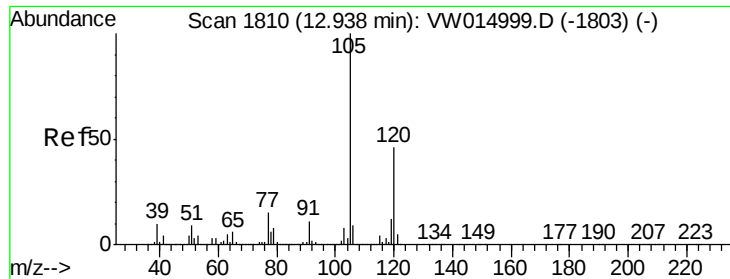


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 110.00 (109.70 to 110.70): V

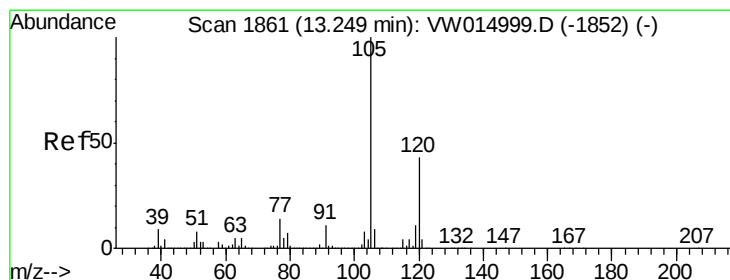
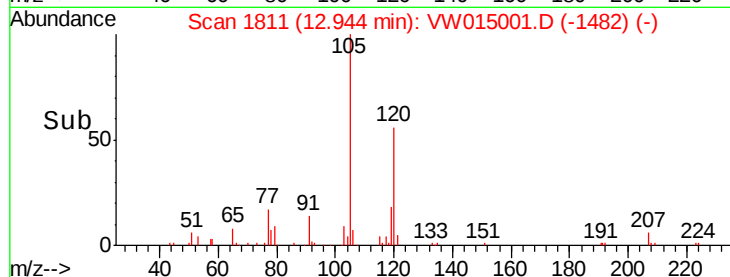
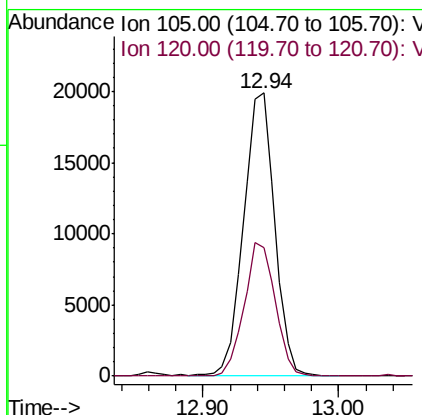
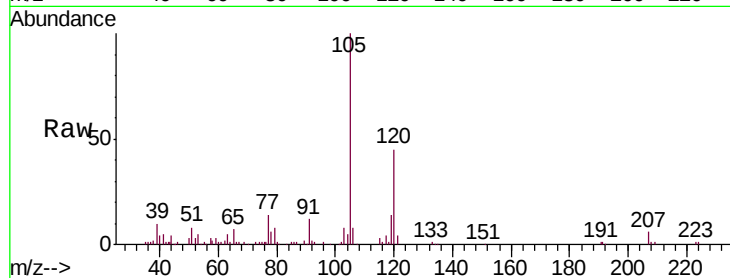




#62
 1,3,5-Trimethylbenzene
 Concen: 1.035 ug/L
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

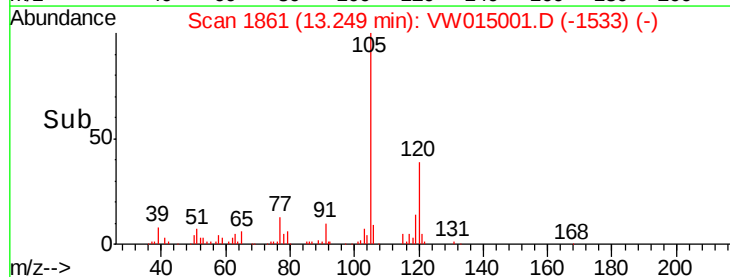
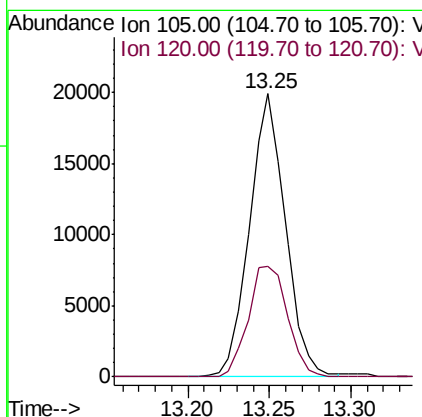
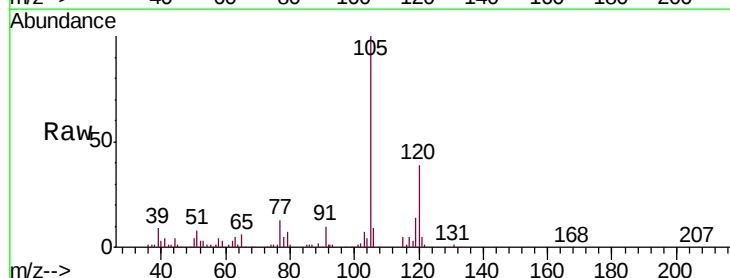
Instrument :
 MSVOA_W
 ClientSampled :
 MDL07

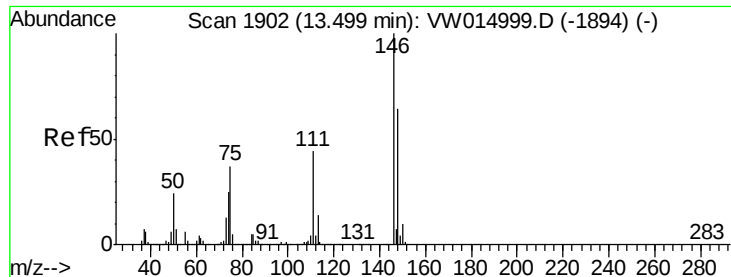
Tgt Ion:105 Resp: 31842
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 1.015 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

Tgt Ion:105 Resp: 30569
 Ion Ratio Lower Upper
 105 100
 120 42.6 35.0 52.4

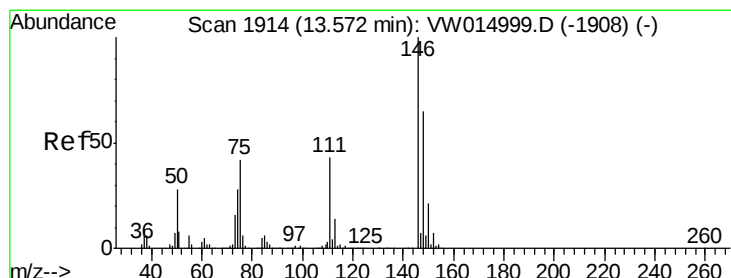
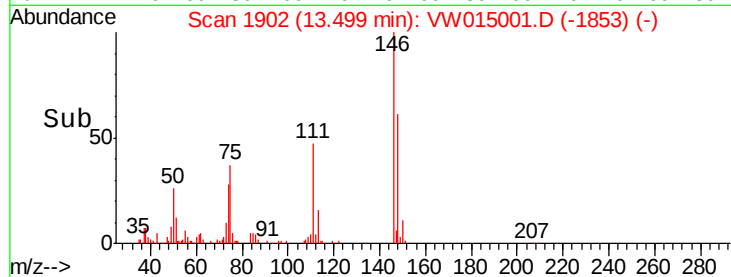
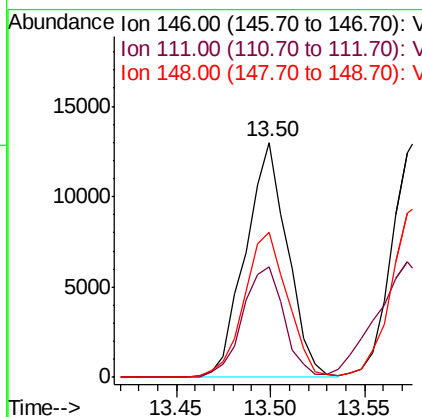
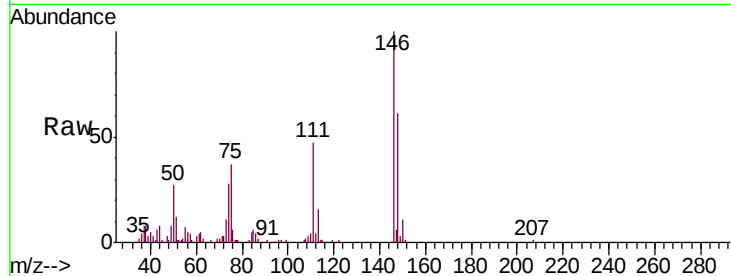




#64
 1,3-Dichlorobenzene
 Concen: 1.265 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

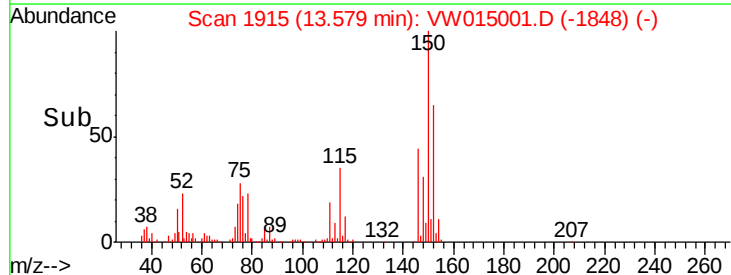
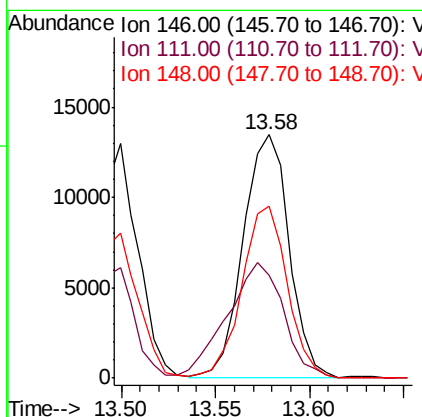
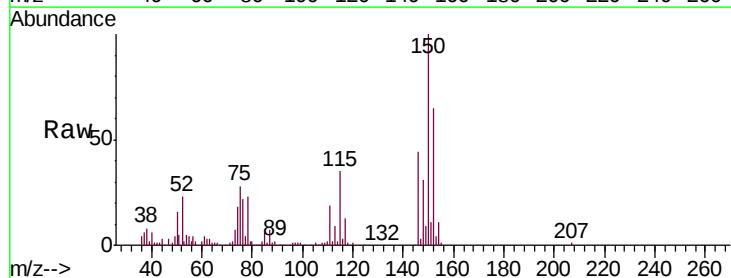
Instrument :
 MSVOA_W
 ClientSampled :
 MDL07

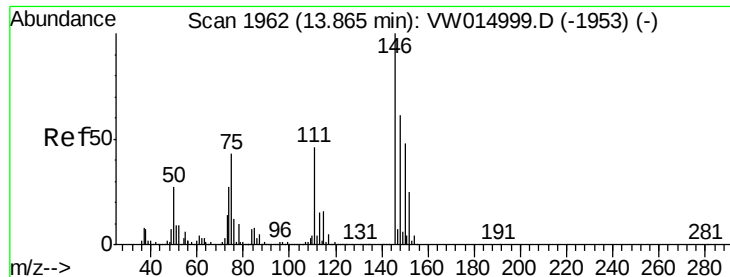
Tgt Ion:146 Resp: 20121
 Ion Ratio Lower Upper
 146 100
 111 46.8 30.2 56.0
 148 61.4 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 1.388 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

Tgt Ion:146 Resp: 22766
 Ion Ratio Lower Upper
 146 100
 111 42.3 29.5 54.9
 148 70.5 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 1.429 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

MDL07

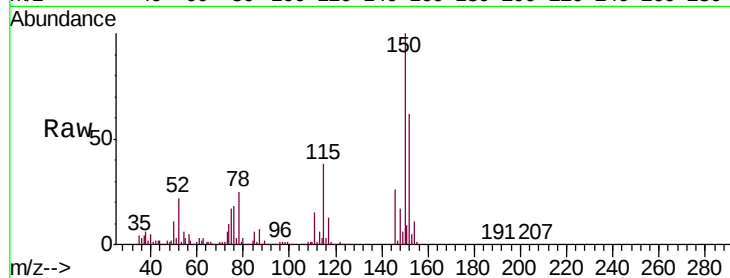
Tgt Ion:146 Resp: 21032

Ion Ratio Lower Upper

146 100

111 56.2 38.0 57.0

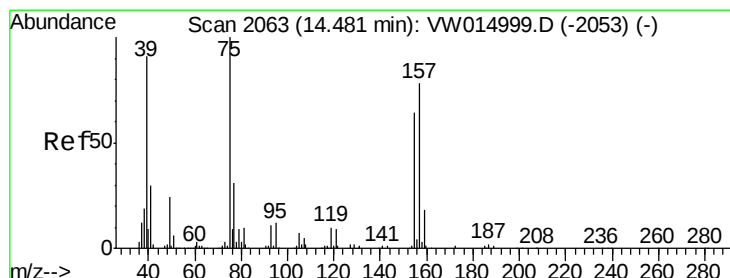
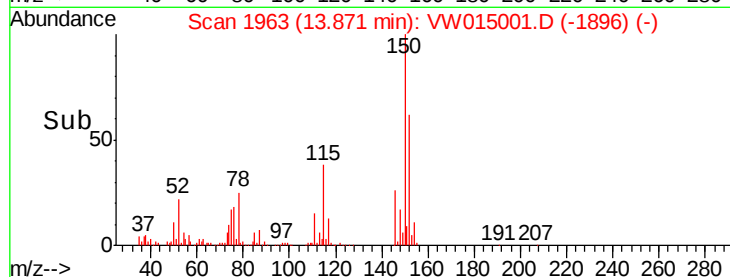
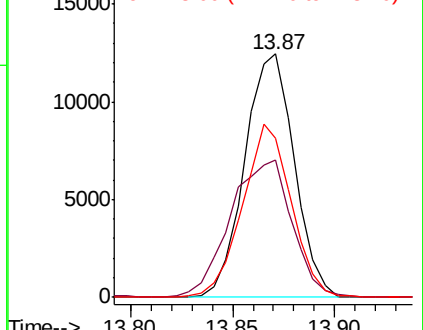
148 65.2 49.5 74.3



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



#68

1,2-Dibromo-3-chloropropane

Concen: 1.608 ug/L

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW015001.D

Acq: 17 Feb 2020 15:37

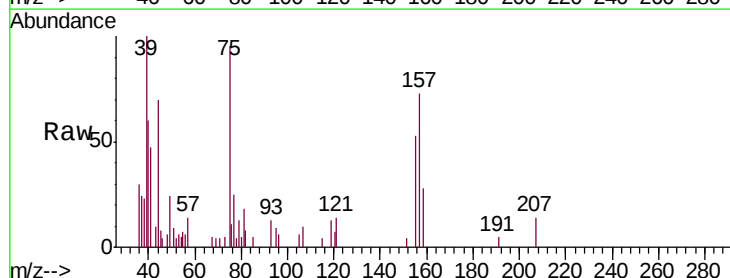
Tgt Ion: 75 Resp: 2429

Ion Ratio Lower Upper

75 100

155 55.5 48.0 72.0

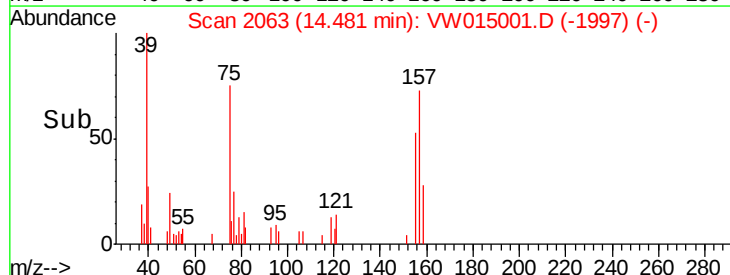
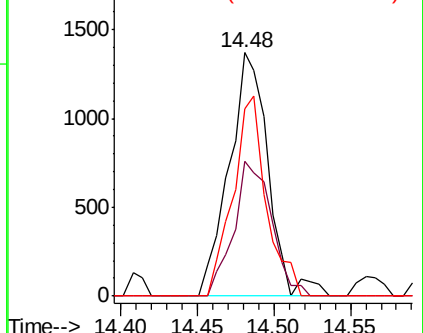
157 77.2 59.4 89.0

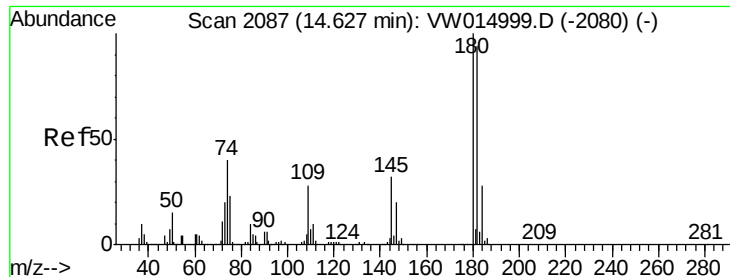


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

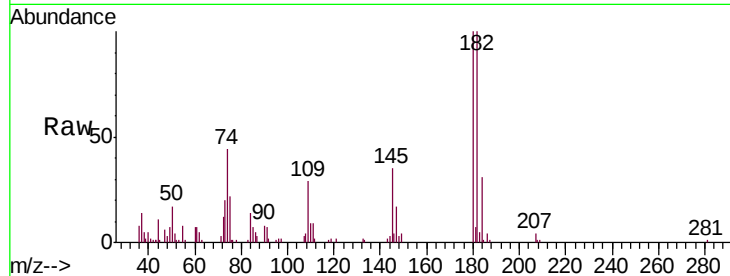




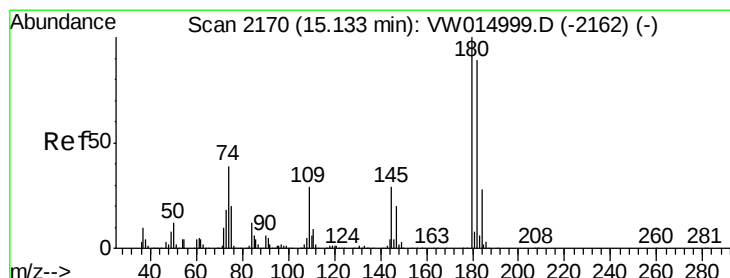
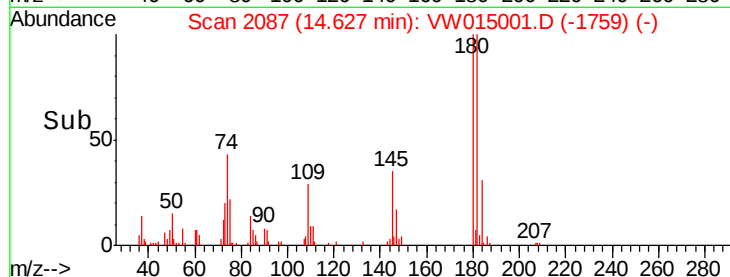
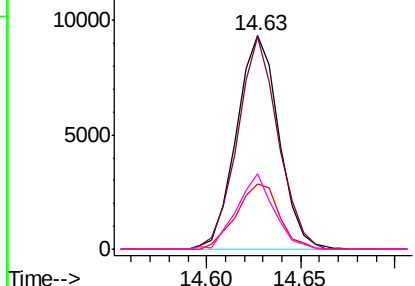
#69
 1,3,5-Trichlorobenzene
 Concen: 1.359 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

Tgt Ion:	180	Resp:	14493
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.5	114.7
184	31.4	24.2	36.2
145	31.0	25.0	37.6

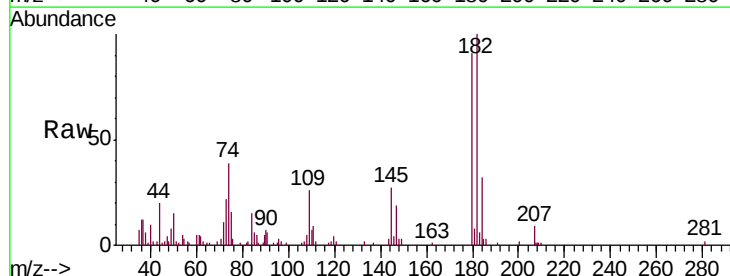


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

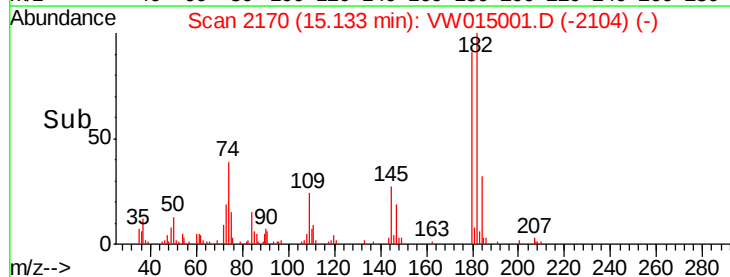
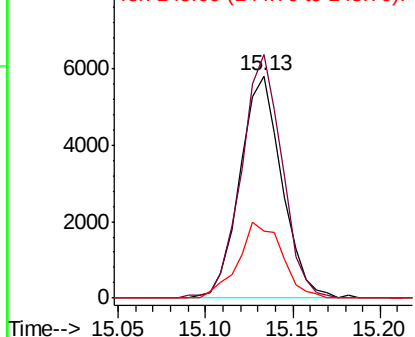


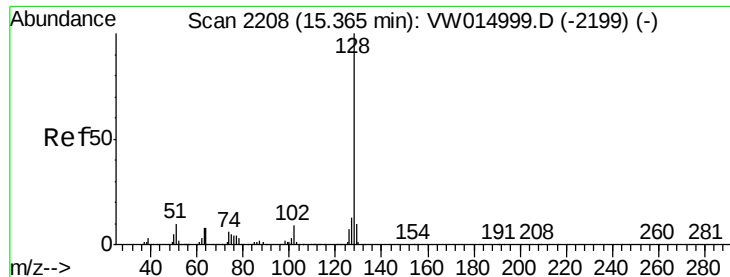
#70
 1,2,4-trichlorobenzene
 Concen: 1.210 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015001.D
 Acq: 17 Feb 2020 15:37

Tgt Ion:	180	Resp:	9670
Ion	Ratio	Lower	Upper
180	100		
182	106.3	76.2	114.4
145	35.9	26.2	39.4



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

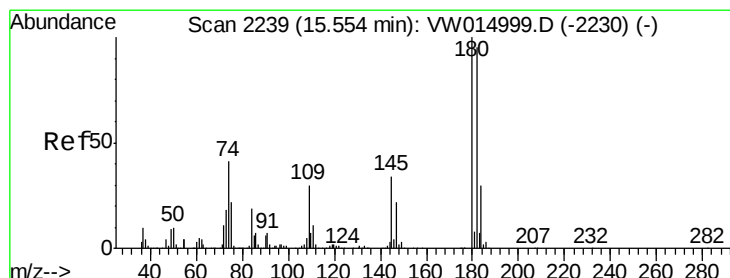
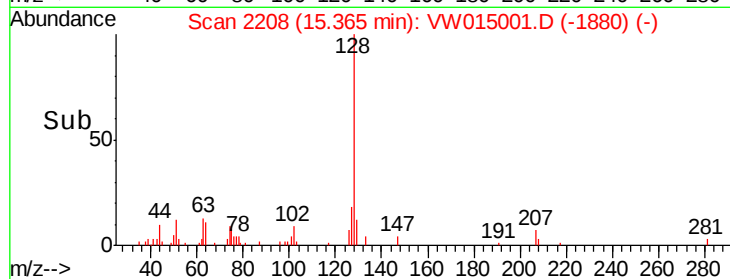
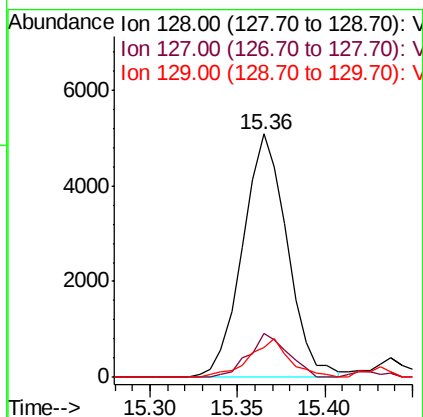
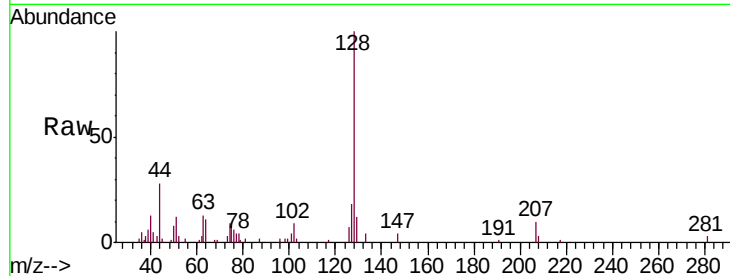




#71
Naphthalene
Concen: 1.099 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion:128 Resp: 9018
Ion Ratio Lower Upper
128 100
127 15.8 10.5 15.7#
129 14.5 8.6 12.8#



#72
1,2,3-Trichlorobenzene
Concen: 1.303 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015001.D
Acq: 17 Feb 2020 15:37

Tgt Ion:180 Resp: 9652
Ion Ratio Lower Upper
180 100
182 96.0 75.2 112.8
145 35.1 27.0 40.6

