

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080171.D
 Acq On : 17 Nov 2023 18:28
 Operator : JC\MD
 Sample : 05462-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-23

Quant Time: Nov 18 02:35:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

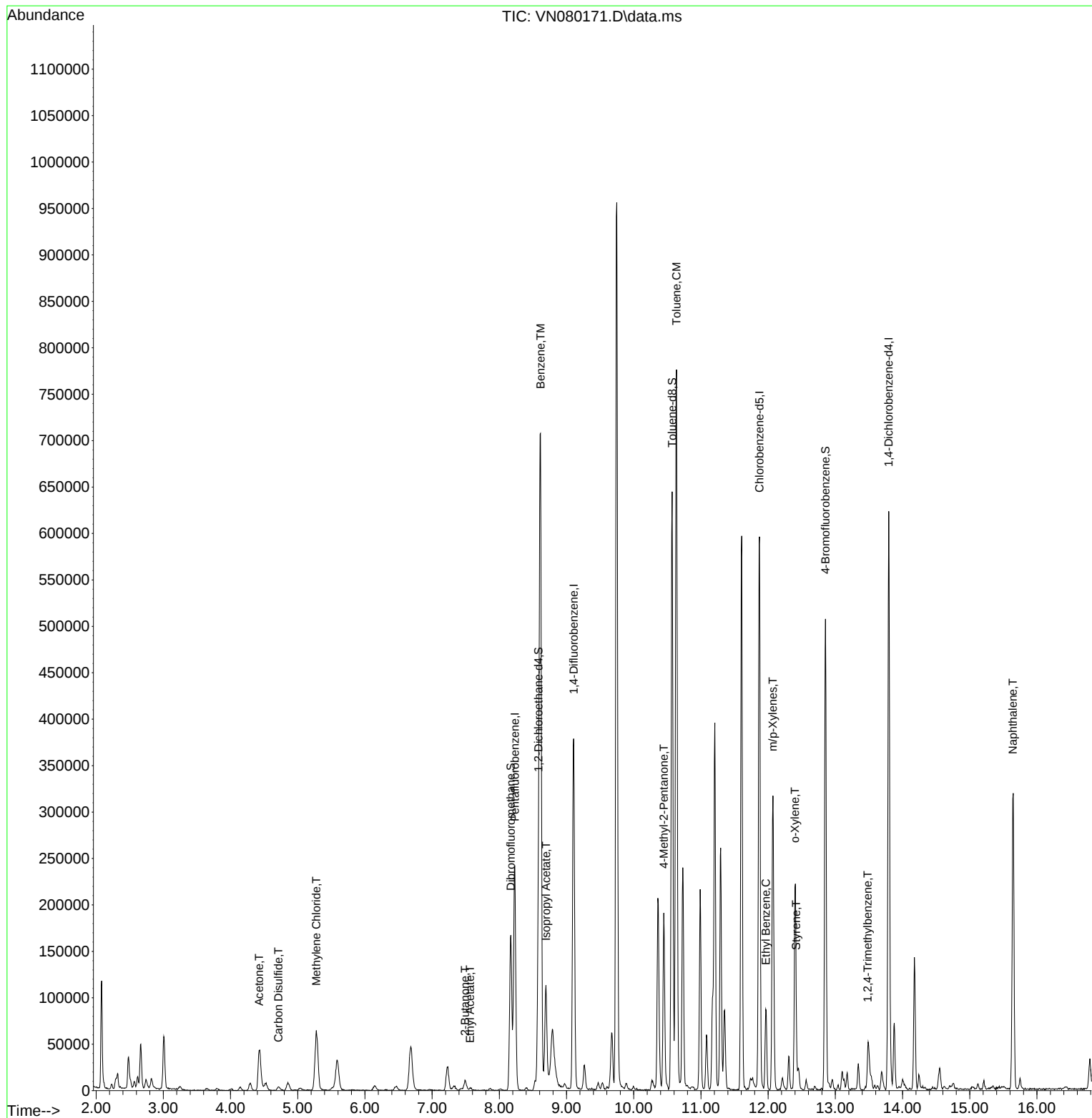
Internal Standards						
1) Pentafluorobenzene	8.230	168	164725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	337722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	152832	56.191	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.380%			
35) Dibromofluoromethane	8.171	113	116545	49.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.520%			
50) Toluene-d8	10.571	98	433619	51.357	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.720%			
62) 4-Bromofluorobenzene	12.853	95	175478	55.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.040%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	84245	92.218	ug/l	95
17) Carbon Disulfide	4.712	76	6201	1.193	ug/l #	95
20) Methylene Chloride	5.277	84	52883	27.643	ug/l	91
25) 2-Butanone	7.489	43	16852	15.526	ug/l #	85
37) Ethyl Acetate	7.565	43	3211	1.365	ug/l #	73
40) Benzene	8.612	78	702216	72.861	ug/l	100
43) Isopropyl Acetate	8.694	43	121551	26.555	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	111982	47.255	ug/l	94
52) Toluene	10.635	92	348800	57.829	ug/l	99
67) Ethyl Benzene	11.965	91	58218	4.275	ug/l	94
68) m/p-Xylenes	12.071	106	96518	19.440	ug/l	86
69) o-Xylene	12.400	106	57772	12.347	ug/l	91
70) Styrene	12.418	104	19905	2.858	ug/l #	50
84) 1,2,4-Trimethylbenzene	13.482	105	33875	3.134	ug/l	80
95) Naphthalene	15.641	128	290563	31.432	ug/l	99

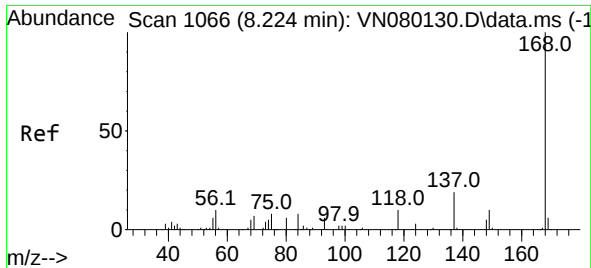
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
Data File : VN080171.D
Acq On : 17 Nov 2023 18:28
Operator : JC\MD
Sample : 05462-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-23

Quant Time: Nov 18 02:35:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

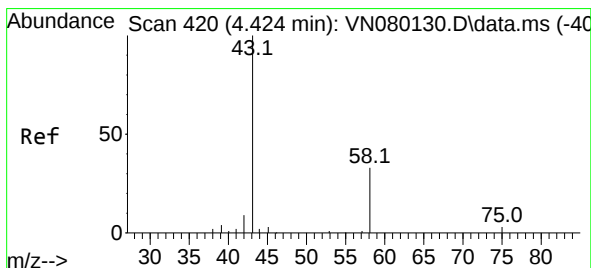
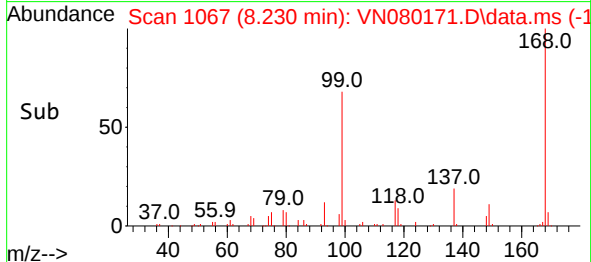
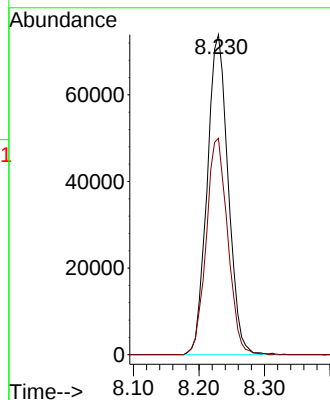
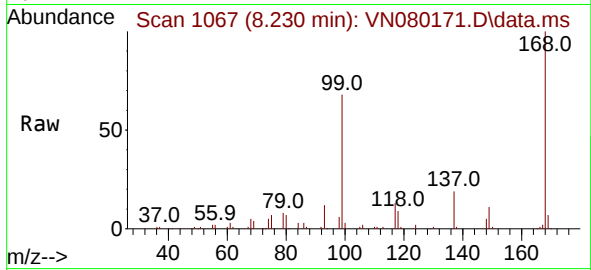




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

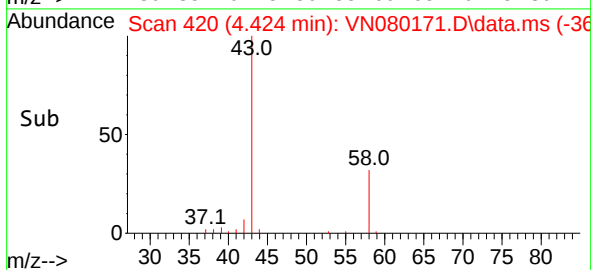
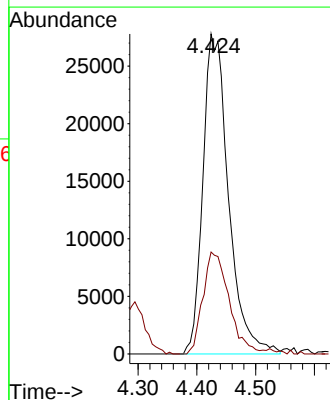
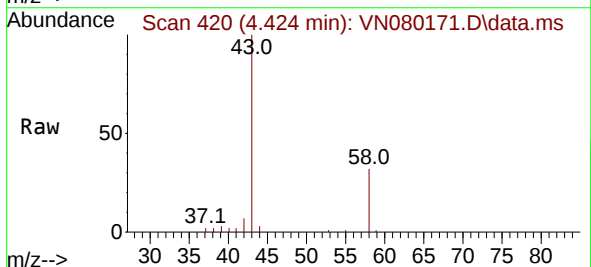
Instrument :
MSVOA_N
ClientSampleId :
S-23

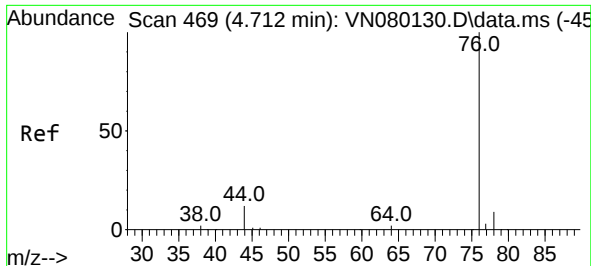
Tgt Ion:168 Resp: 164725
Ion Ratio Lower Upper
168 100
99 67.6 53.0 79.6



#16
Acetone
Concen: 92.218 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

Tgt Ion: 43 Resp: 84245
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





#17

Carbon Disulfide

Concen: 1.193 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.000 min

Lab File: VN080171.D

Acq: 17 Nov 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

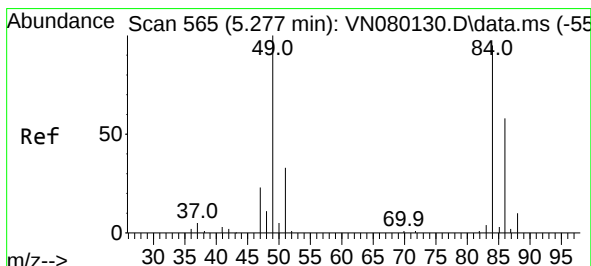
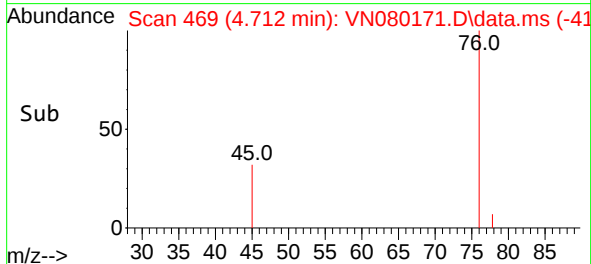
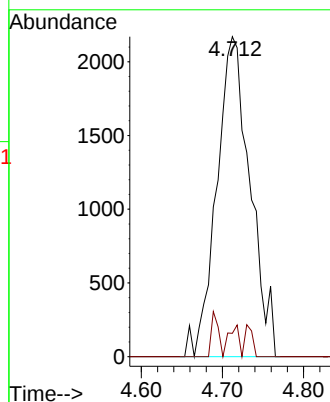
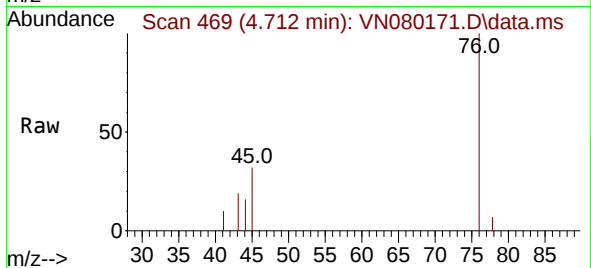
S-23

Tgt Ion: 76 Resp: 6201

Ion Ratio Lower Upper

76 100

78 7.3 7.4 11.0#



#20

Methylene Chloride

Concen: 27.643 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN080171.D

Acq: 17 Nov 2023 18:28

Tgt Ion: 84 Resp: 52883

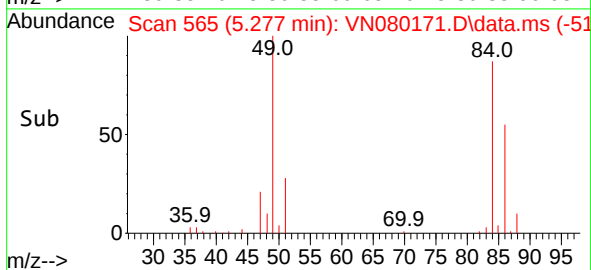
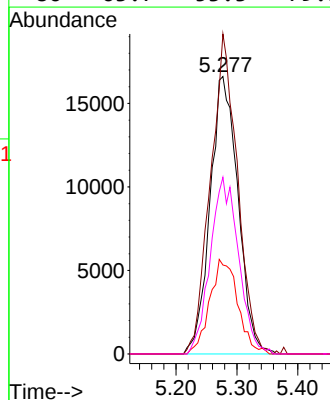
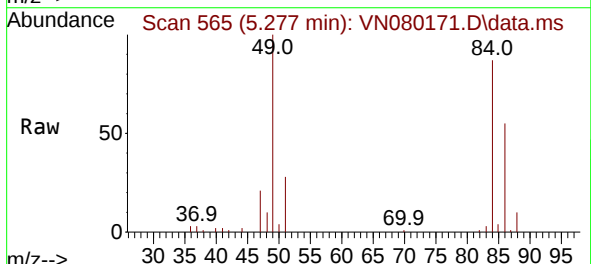
Ion Ratio Lower Upper

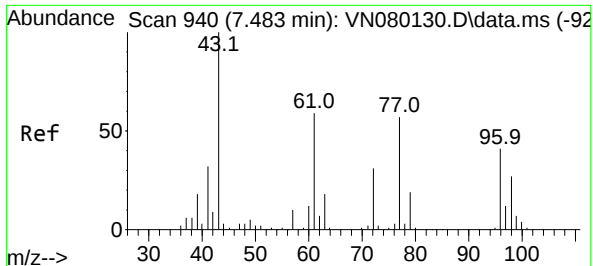
84 100

49 115.4 79.7 119.5

51 32.1 25.2 37.8

86 63.7 53.3 79.9

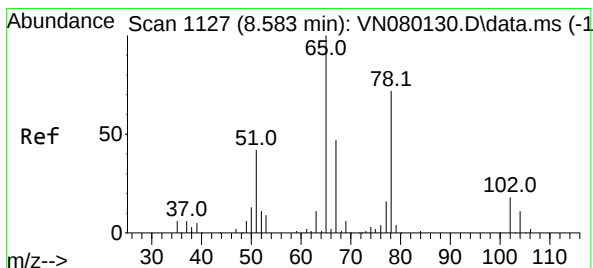
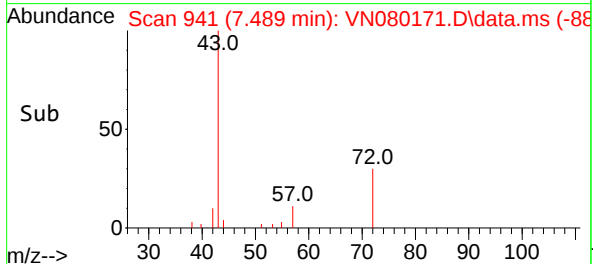
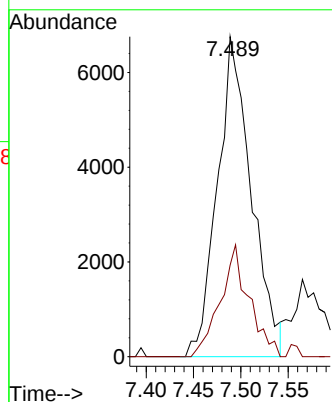
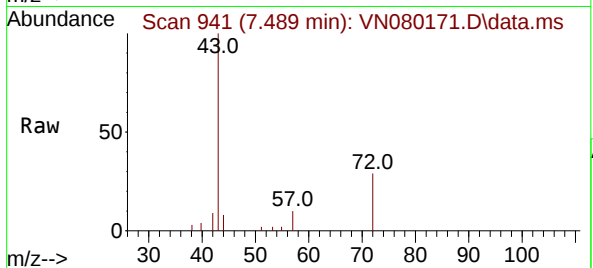




#25
2-Butanone
Concen: 15.526 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

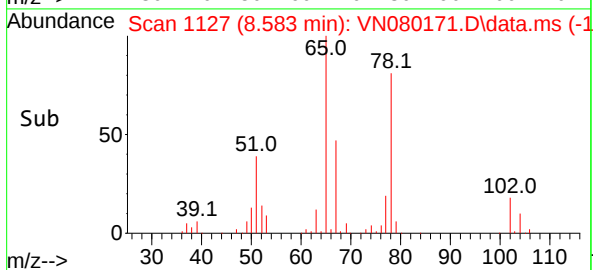
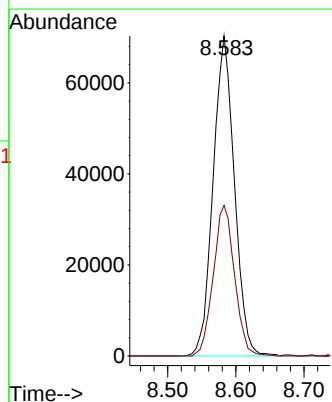
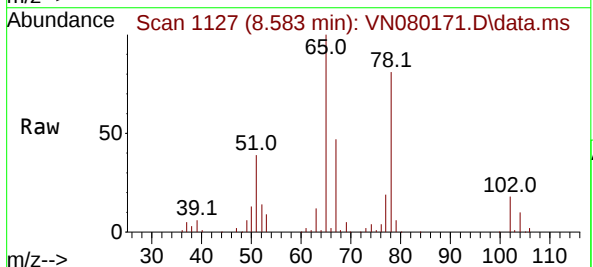
Instrument :
MSVOA_N
ClientSampleId :
S-23

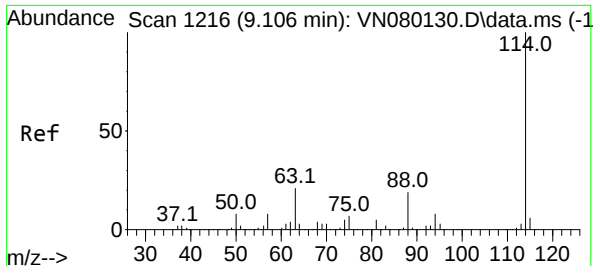
Tgt Ion: 43 Resp: 16852
Ion Ratio Lower Upper
43 100
72 28.6 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 56.191 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

Tgt Ion: 65 Resp: 152832
Ion Ratio Lower Upper
65 100
67 46.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080171.D

Acq: 17 Nov 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

S-23

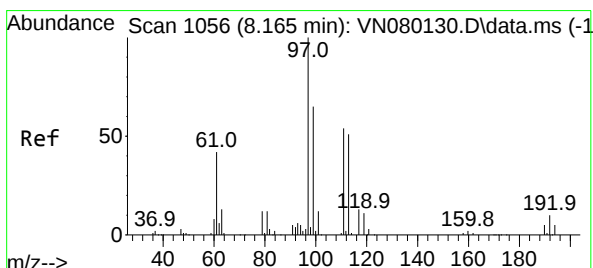
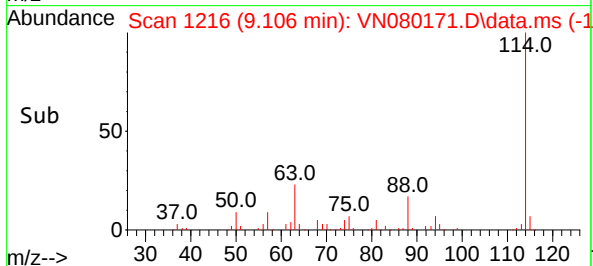
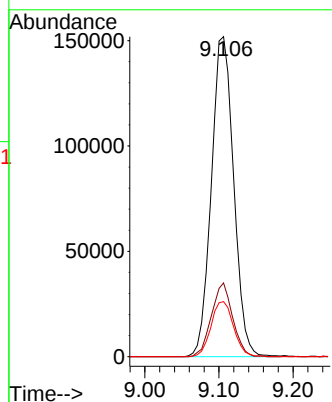
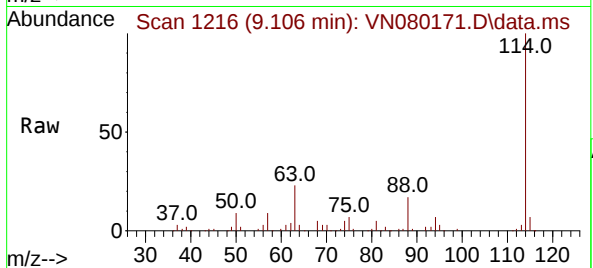
Tgt Ion:114 Resp: 317430

Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.758 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080171.D

Acq: 17 Nov 2023 18:28

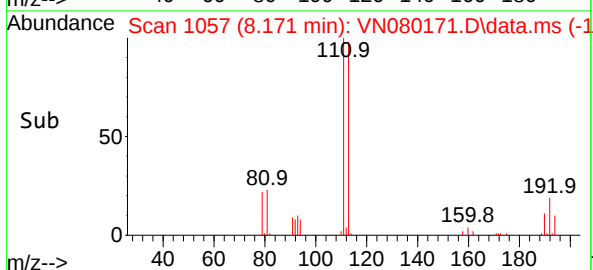
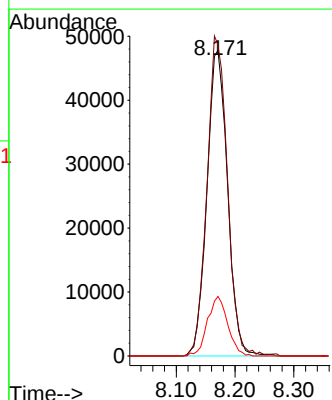
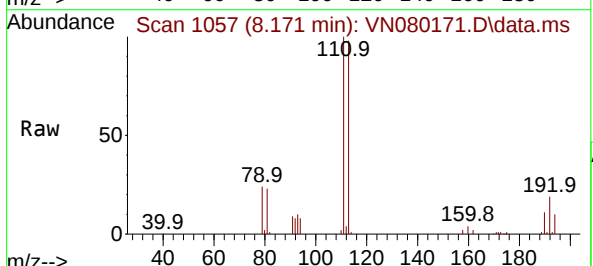
Tgt Ion:113 Resp: 116545

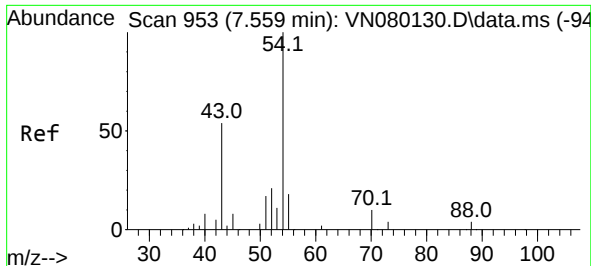
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 19.1 12.7 19.1#





#37

Ethyl Acetate

Concen: 1.365 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080171.D

Acq: 17 Nov 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

S-23

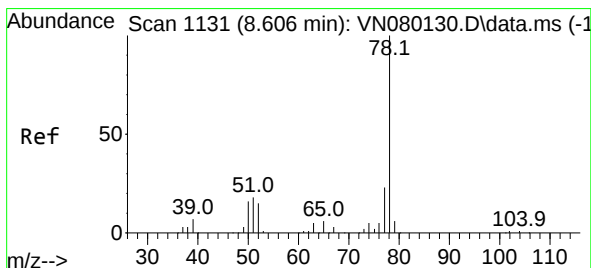
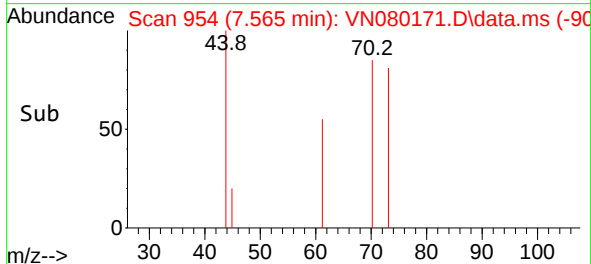
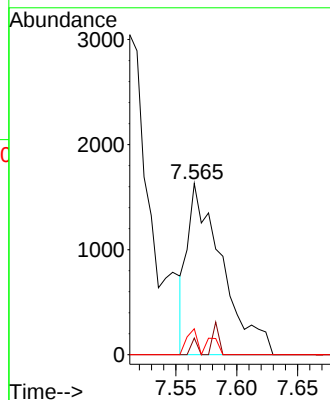
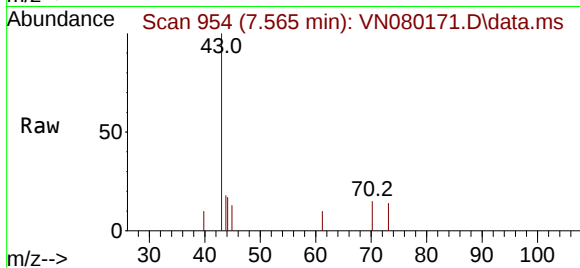
Tgt Ion: 43 Resp: 3211

Ion Ratio Lower Upper

43 100

61 3.4 13.2 19.8#

70 4.6 11.3 16.9#



#40

Benzene

Concen: 72.861 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080171.D

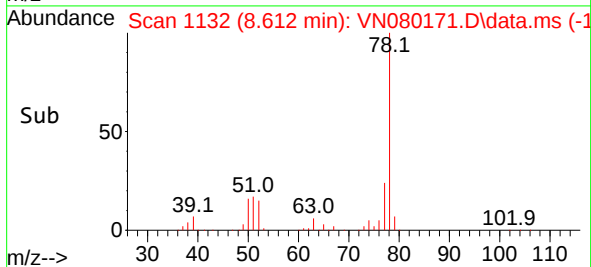
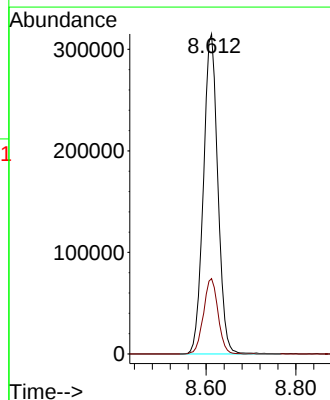
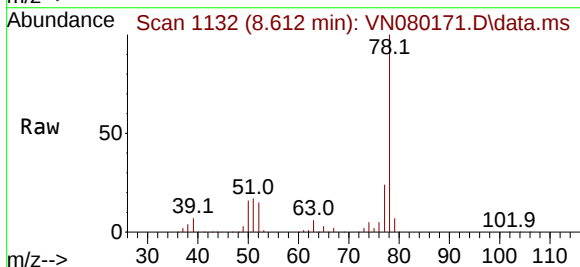
Acq: 17 Nov 2023 18:28

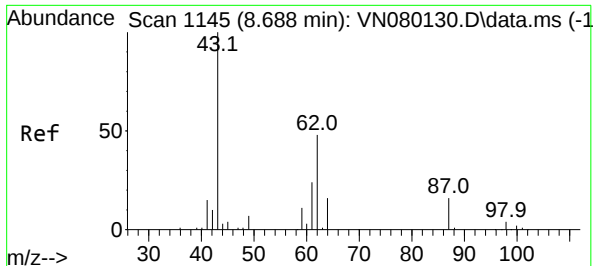
Tgt Ion: 78 Resp: 702216

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6





#43

Isopropyl Acetate

Concen: 26.555 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080171.D

Acq: 17 Nov 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

S-23

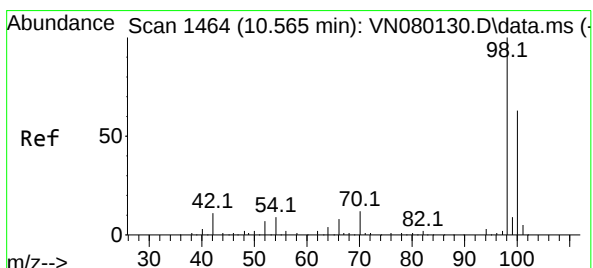
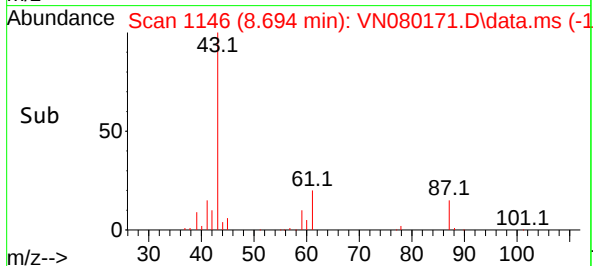
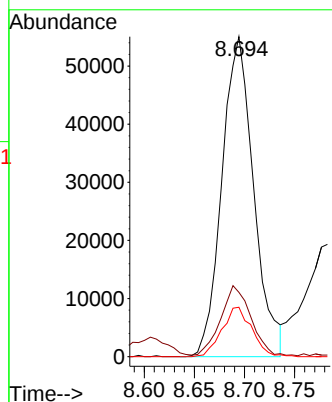
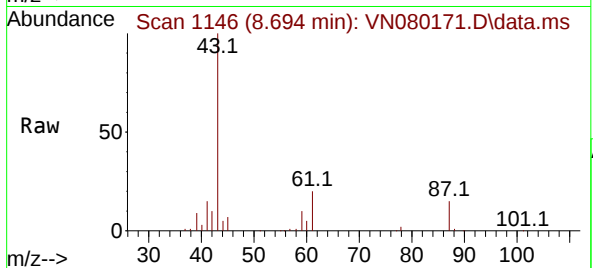
Tgt Ion: 43 Resp: 121551

Ion Ratio Lower Upper

43 100

61 20.9 24.7 37.1#

87 14.5 14.6 21.8#



#50

Toluene-d8

Concen: 51.357 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080171.D

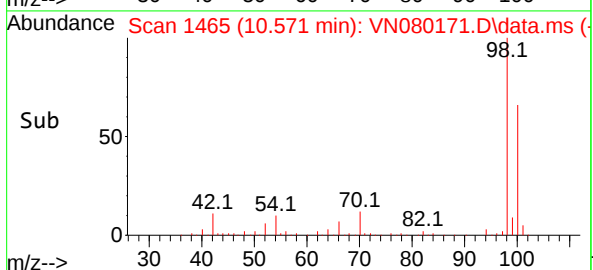
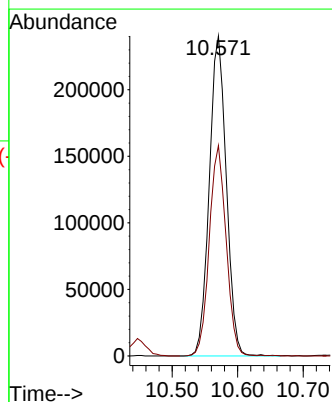
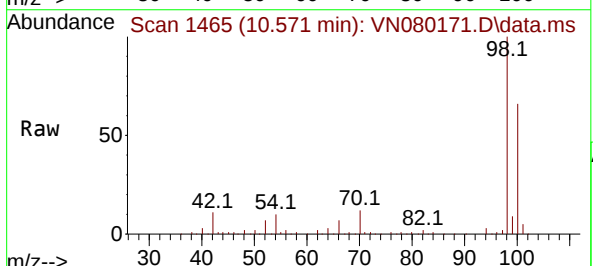
Acq: 17 Nov 2023 18:28

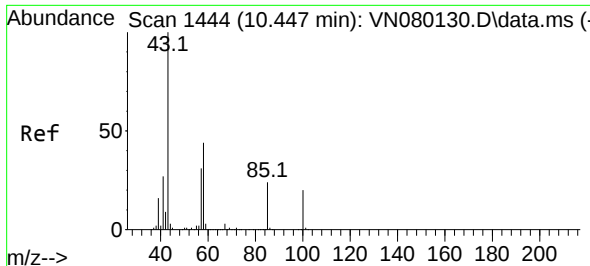
Tgt Ion: 98 Resp: 433619

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

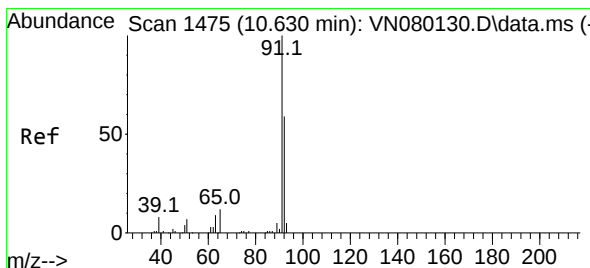
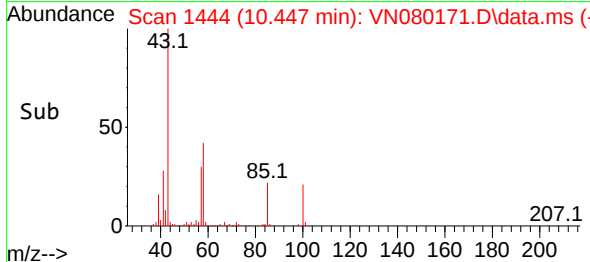
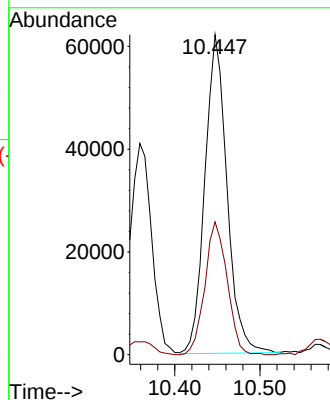
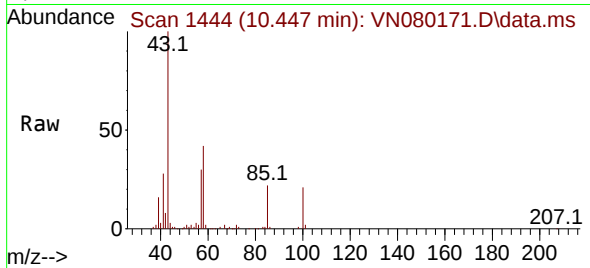




#51
4-Methyl-2-Pentanone
Concen: 47.255 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

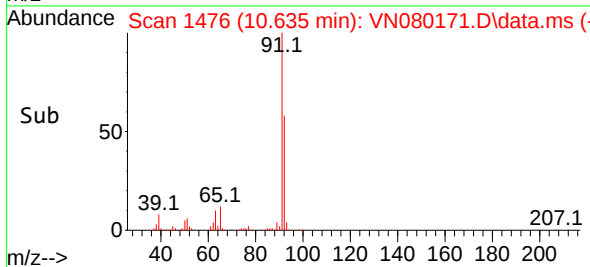
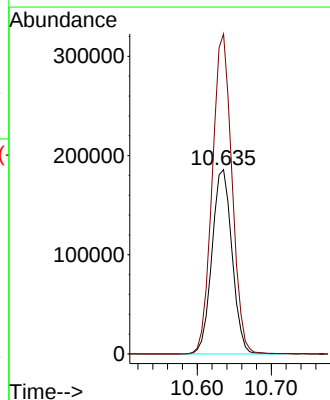
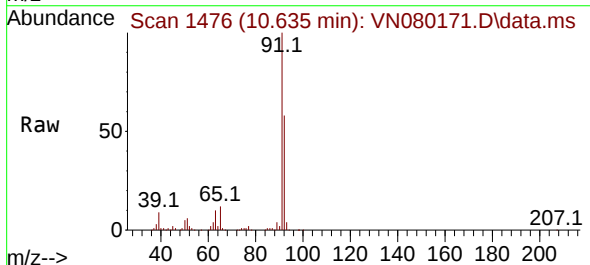
Instrument :
MSVOA_N
ClientSampleId :
S-23

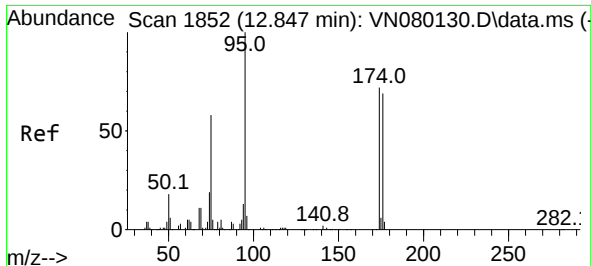
Tgt Ion: 43 Resp: 111982
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8



#52
Toluene
Concen: 57.829 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

Tgt Ion: 92 Resp: 348800
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0

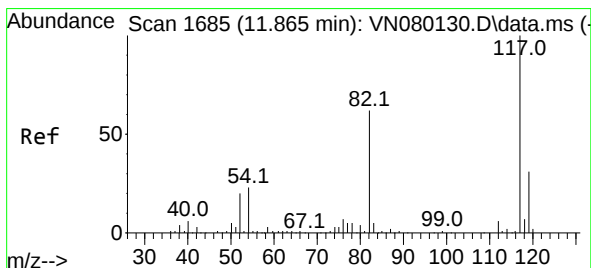
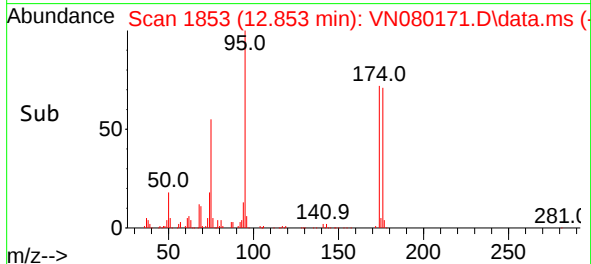
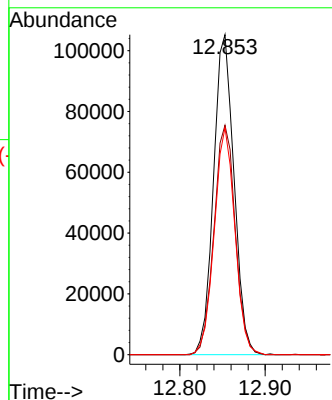
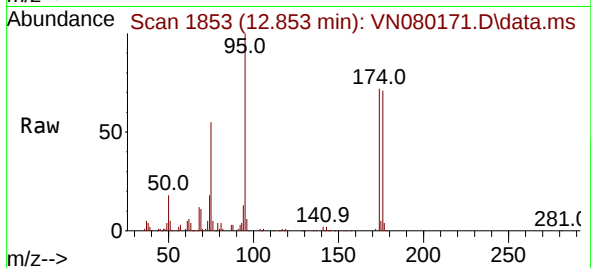




#62
4-Bromofluorobenzene
Concen: 55.024 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

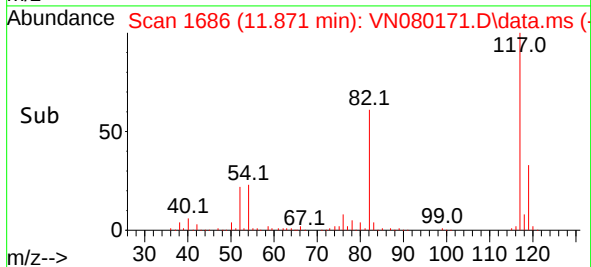
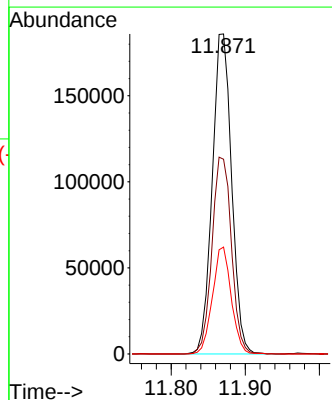
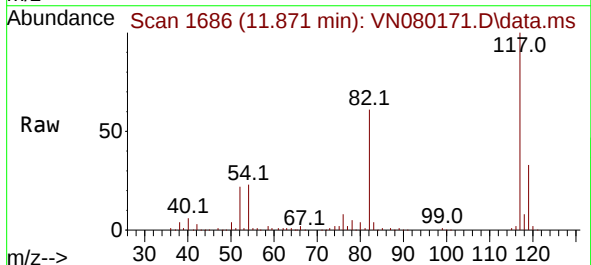
Instrument :
MSVOA_N
ClientSampleId :
S-23

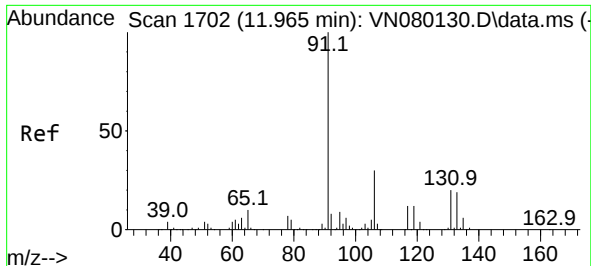
Tgt Ion: 95 Resp: 175478
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

Tgt Ion: 117 Resp: 337722
Ion Ratio Lower Upper
117 100
82 60.9 44.0 66.0
119 33.4 25.6 38.4

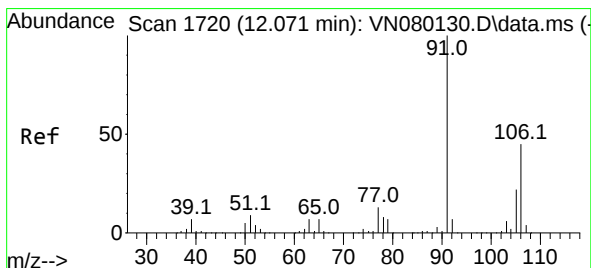
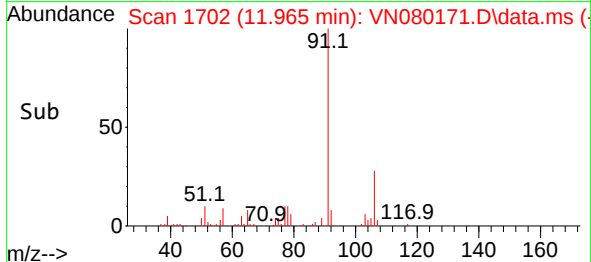
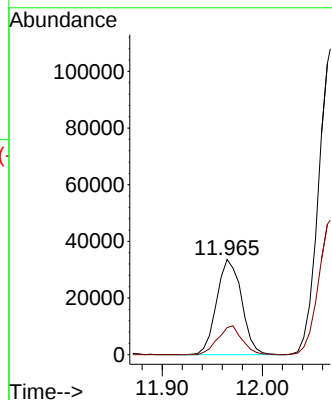
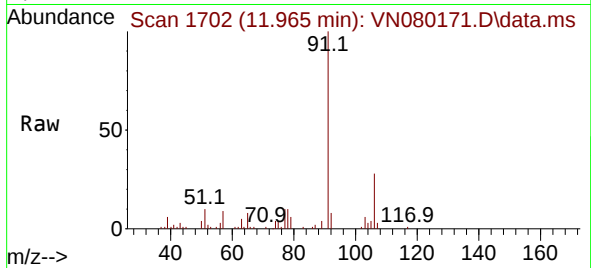




#67
Ethyl Benzene
Concen: 4.275 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

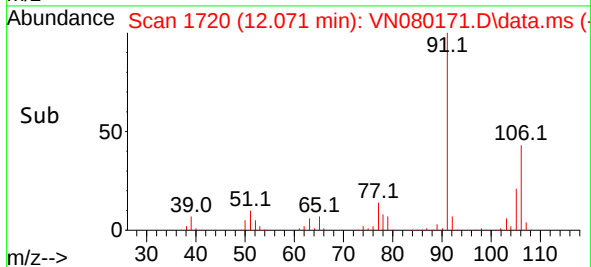
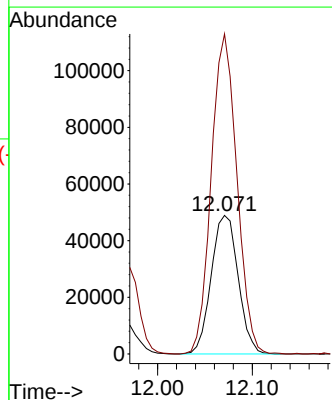
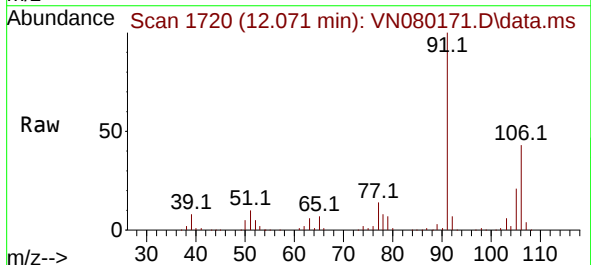
Instrument :
MSVOA_N
ClientSampleId :
S-23

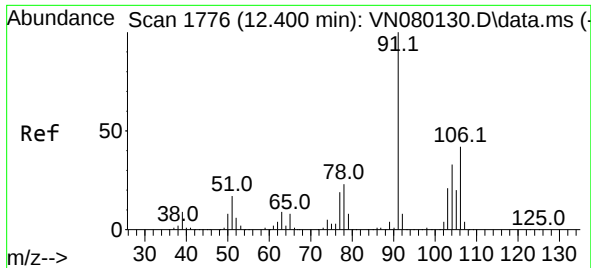
Tgt Ion: 91 Resp: 58218
Ion Ratio Lower Upper
91 100
106 28.5 25.6 38.4



#68
m/p-Xylenes
Concen: 19.440 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

Tgt Ion:106 Resp: 96518
Ion Ratio Lower Upper
106 100
91 220.0 159.6 239.4

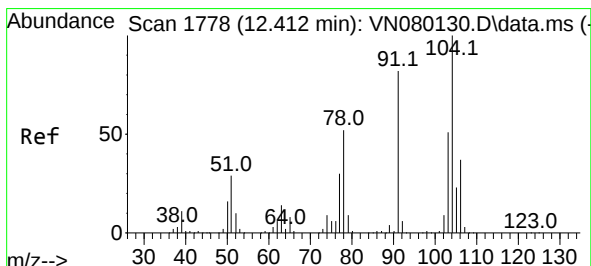
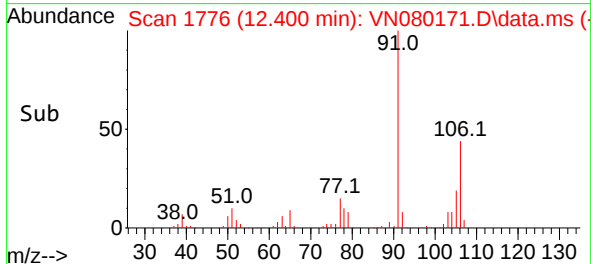
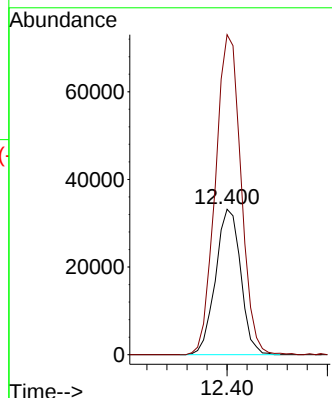
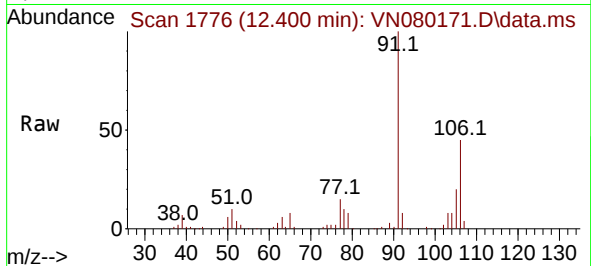




#69
o-Xylene
Concen: 12.347 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

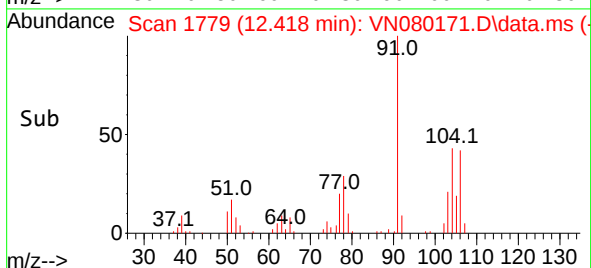
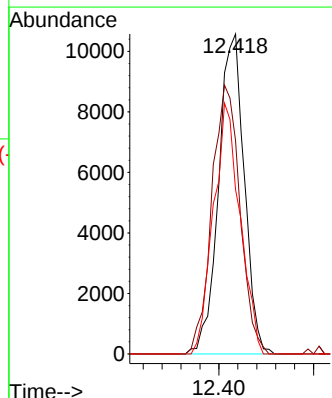
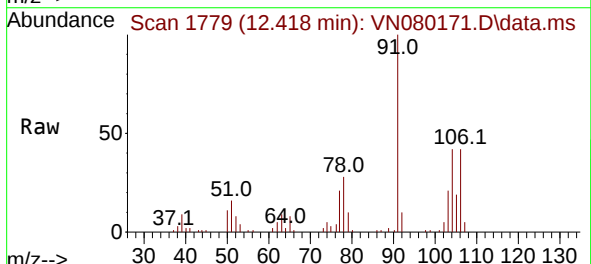
Instrument :
MSVOA_N
ClientSampleId :
S-23

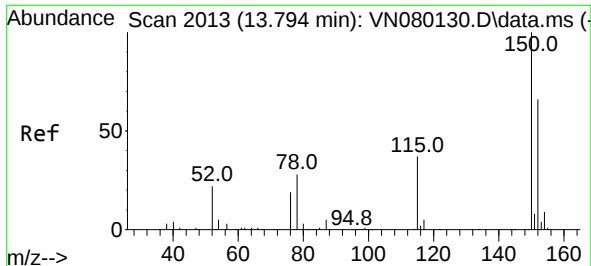
Tgt Ion:106 Resp: 57772
Ion Ratio Lower Upper
106 100
91 224.5 105.2 315.5



#70
Styrene
Concen: 2.858 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080171.D
Acq: 17 Nov 2023 18:28

Tgt Ion:104 Resp: 19905
Ion Ratio Lower Upper
104 100
78 91.9 39.5 59.3#
103 81.4 43.2 64.8#

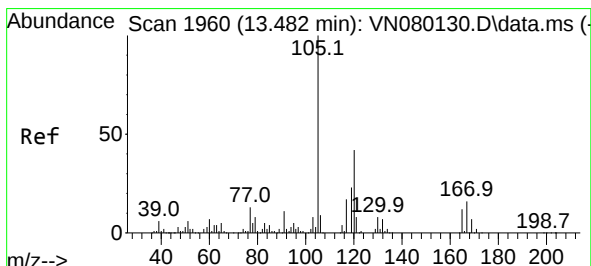
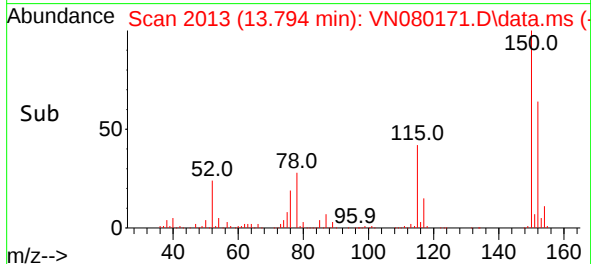
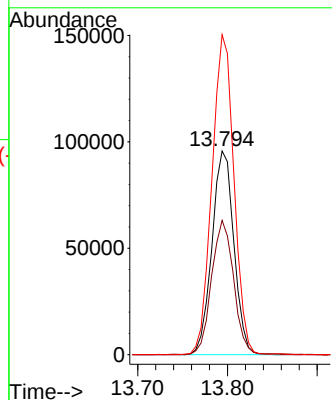
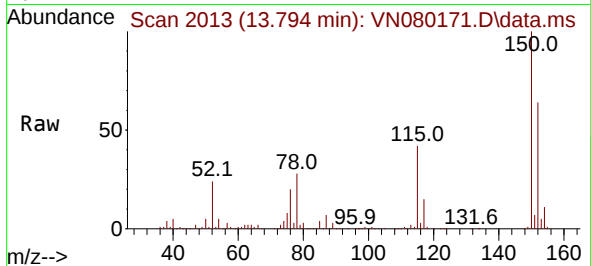




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080171.D
 Acq: 17 Nov 2023 18:28

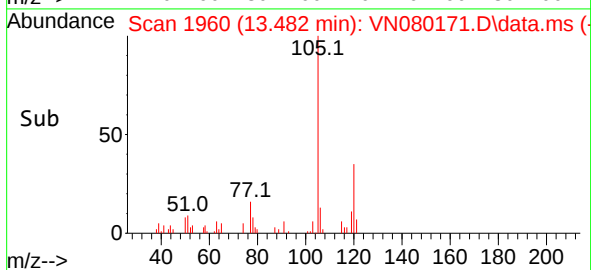
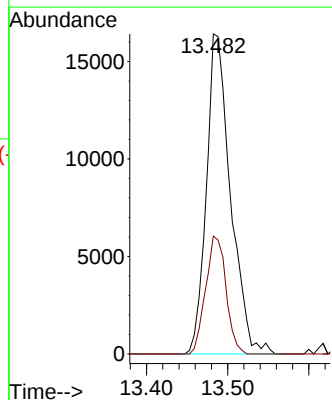
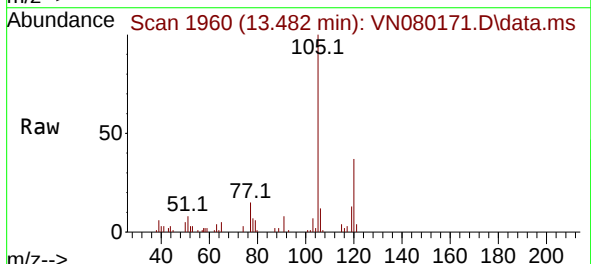
Instrument :
 MSVOA_N
 ClientSampleId :
 S-23

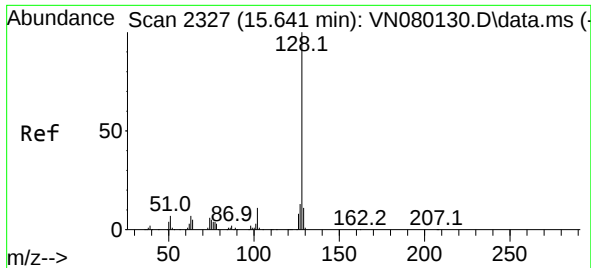
Tgt Ion:152 Resp: 162268
 Ion Ratio Lower Upper
 152 100
 115 66.3 32.3 96.8
 150 157.4 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 3.134 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080171.D
 Acq: 17 Nov 2023 18:28

Tgt Ion:105 Resp: 33875
 Ion Ratio Lower Upper
 105 100
 120 31.0 22.0 66.0





#95

Naphthalene

Concen: 31.432 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080171.D

Acq: 17 Nov 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

S-23

Tgt Ion:128 Resp: 290563

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.0 8.7 13.1

