

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080170.D
 Acq On : 17 Nov 2023 18:04
 Operator : JC\MD
 Sample : 05462-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-22

Quant Time: Nov 18 02:35:04 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)

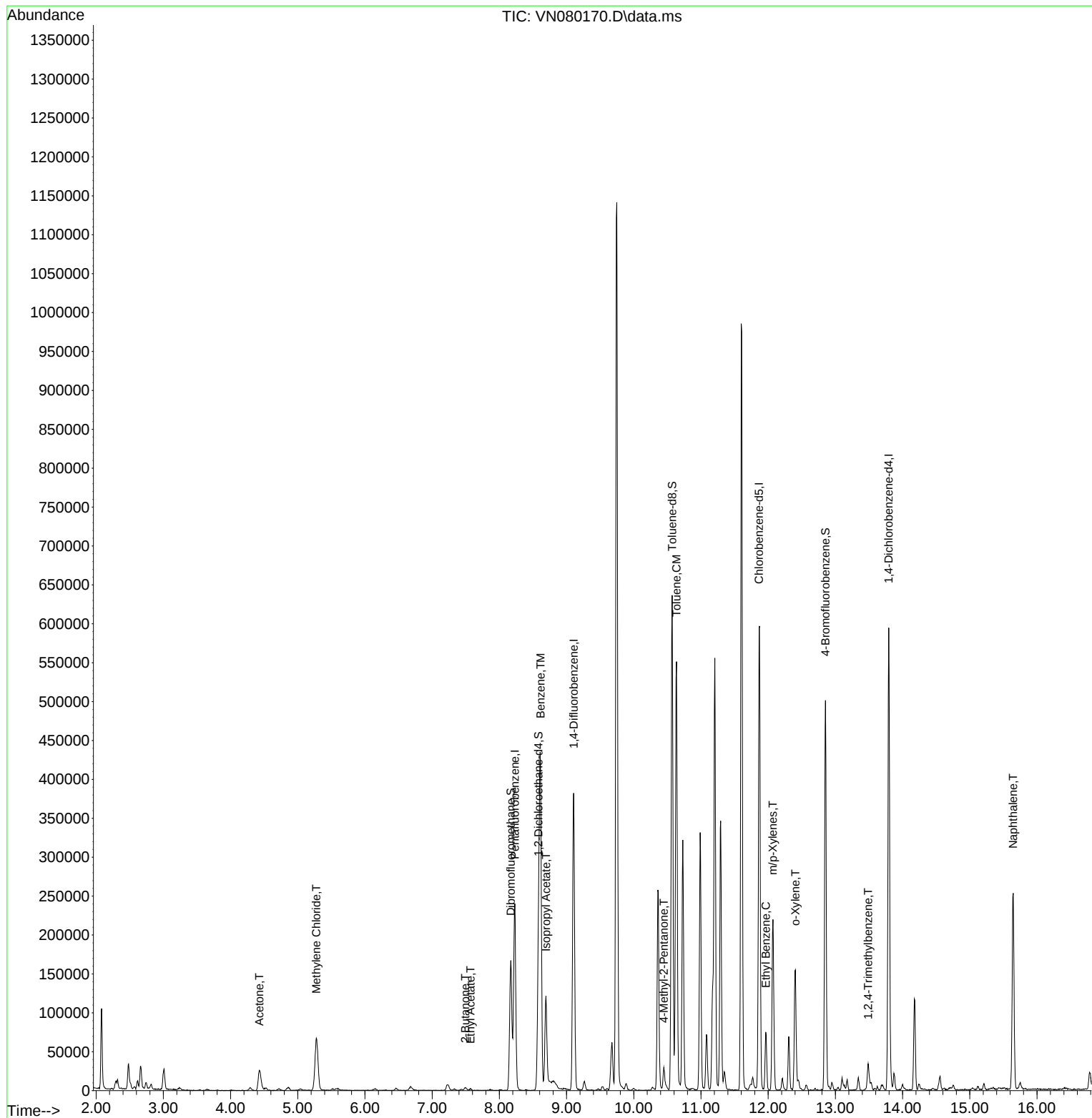
Internal Standards						
1) Pentafluorobenzene	8.230	168	165085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	344441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149814	54.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.920%	
35) Dibromofluoromethane	8.171	113	116921	50.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.120%	
50) Toluene-d8	10.571	98	433053	51.435	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.853	95	171104	53.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	50471	55.127	ug/l	90
20) Methylene Chloride	5.277	84	57489	29.985	ug/l	94
25) 2-Butanone	7.494	43	6365	5.851	ug/l #	80
37) Ethyl Acetate	7.571	43	3271	1.395	ug/l #	81
40) Benzene	8.612	78	411784	42.846	ug/l	100
43) Isopropyl Acetate	8.694	43	133840	29.323	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	19912	8.426	ug/l	86
52) Toluene	10.635	92	246749	41.025	ug/l	98
67) Ethyl Benzene	11.965	91	44603	3.212	ug/l	94
68) m/p-Xylenes	12.071	106	66809	13.194	ug/l	88
69) o-Xylene	12.406	106	38161	7.997	ug/l	84
84) 1,2,4-Trimethylbenzene	13.488	105	21754	2.096	ug/l	88
95) Naphthalene	15.647	128	235610	26.540	ug/l	99

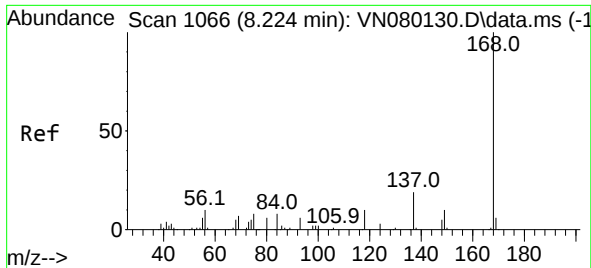
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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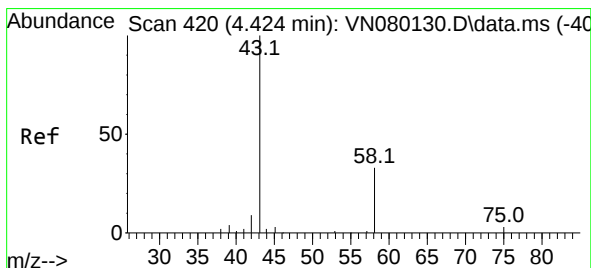
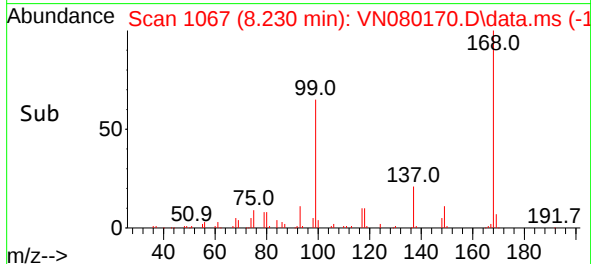
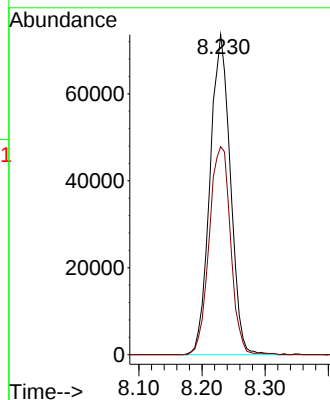
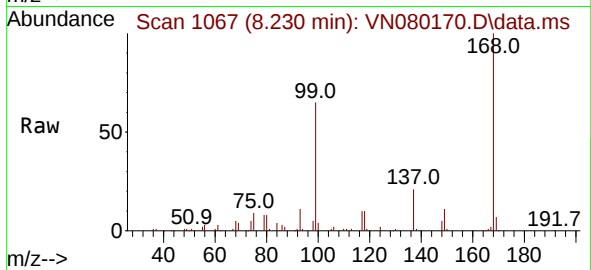




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

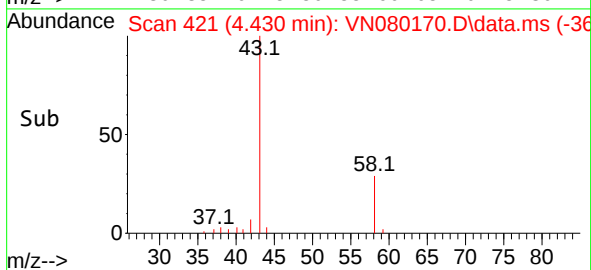
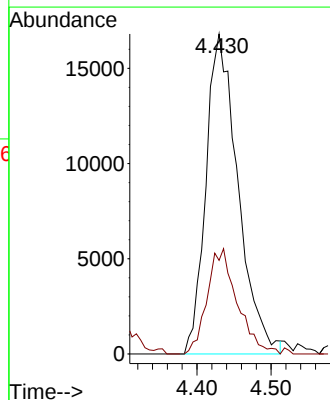
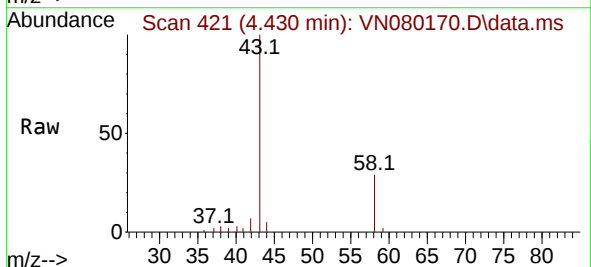
Instrument :
MSVOA_N
ClientSampleId :
S-22

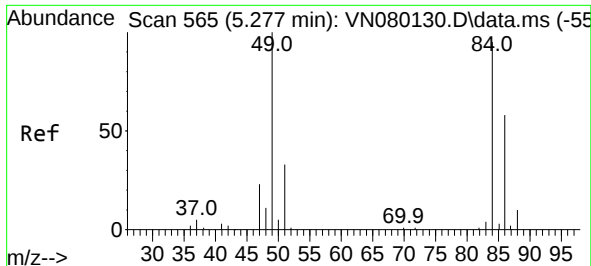
Tgt Ion:168 Resp: 165085
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#16
Acetone
Concen: 55.127 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

Tgt Ion: 43 Resp: 50471
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0

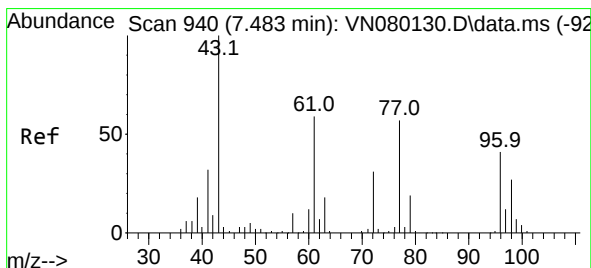
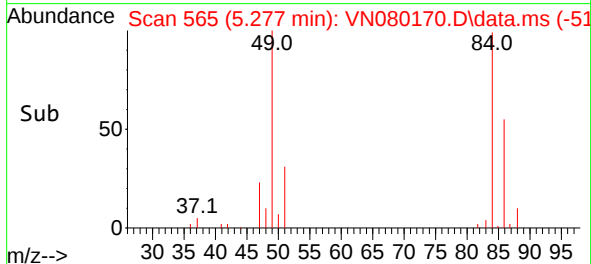
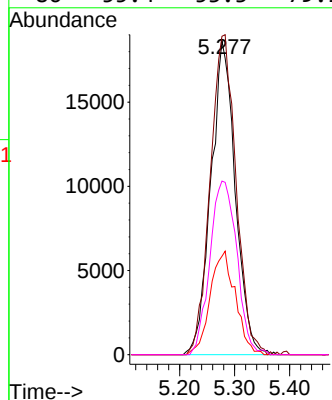
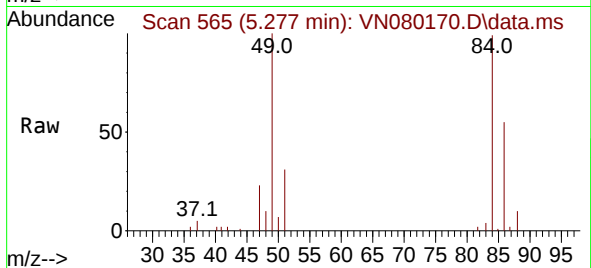




#20
Methylene Chloride
Concen: 29.985 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

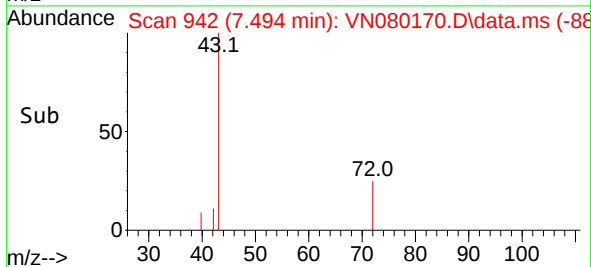
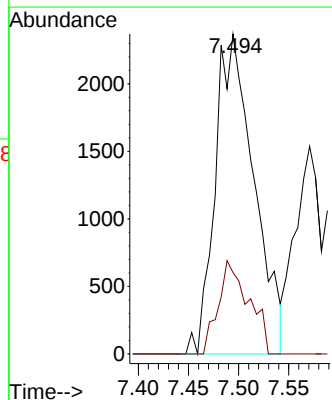
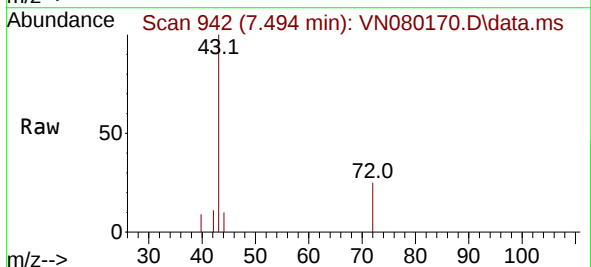
Instrument :
MSVOA_N
ClientSampleId :
S-22

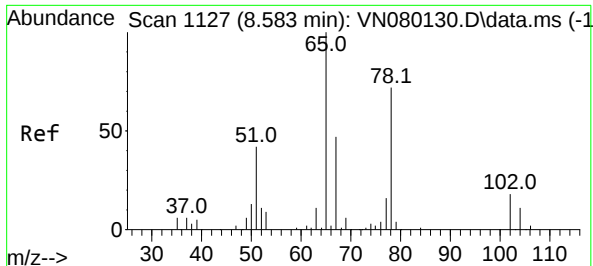
Tgt Ion: 84	Resp: 57489
Ion Ratio	Lower Upper
84 100	
49 101.5	79.7 119.5
51 31.4	25.2 37.8
86 55.4	53.3 79.9



#25
2-Butanone
Concen: 5.851 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

Tgt Ion: 43	Resp: 6365		
Ion Ratio	Lower	Upper	
43 100			
72 25.5	30.2	45.2#	





#33

1,2-Dichloroethane-d4

Concen: 54.961 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080170.D

Acq: 17 Nov 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

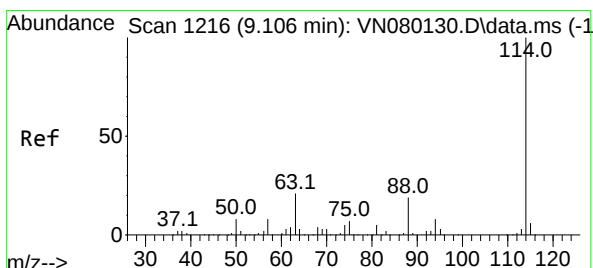
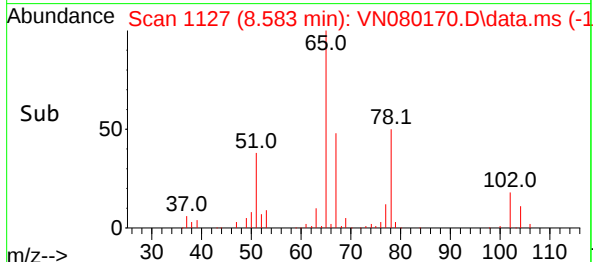
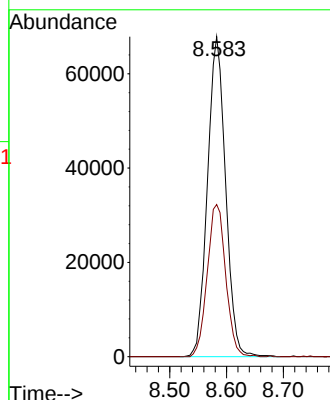
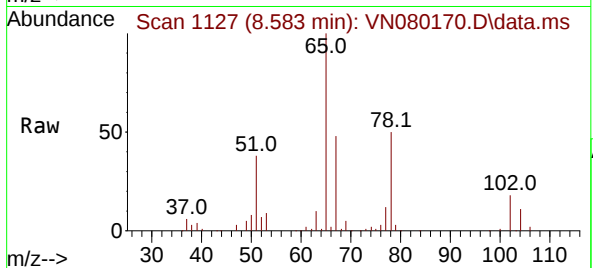
S-22

Tgt Ion: 65 Resp: 149814

Ion Ratio Lower Upper

65 100

67 48.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080170.D

Acq: 17 Nov 2023 18:04

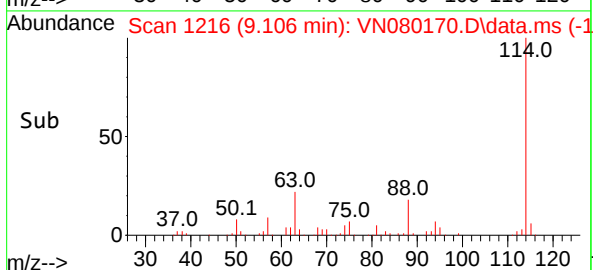
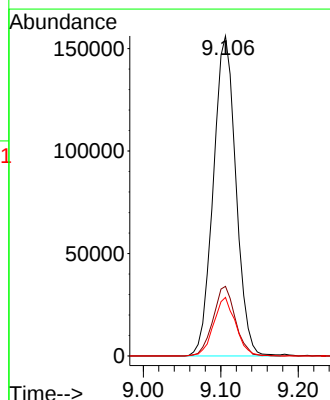
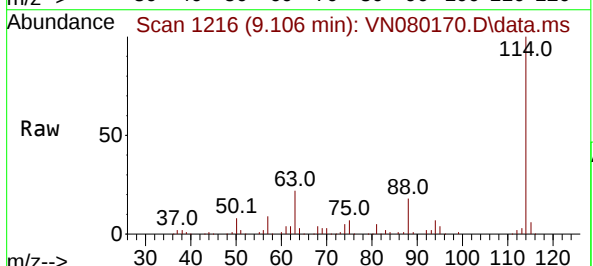
Tgt Ion: 114 Resp: 316538

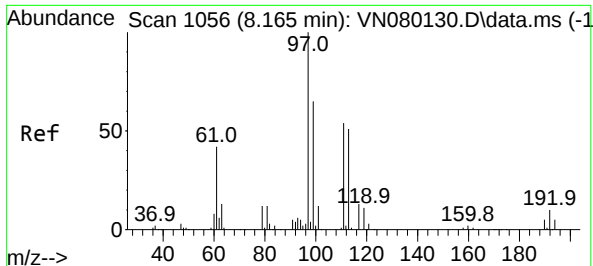
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 18.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.060 ug/l

RT: 8.171 min Scan# 116921

Delta R.T. 0.006 min

Lab File: VN080170.D

Acq: 17 Nov 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

S-22

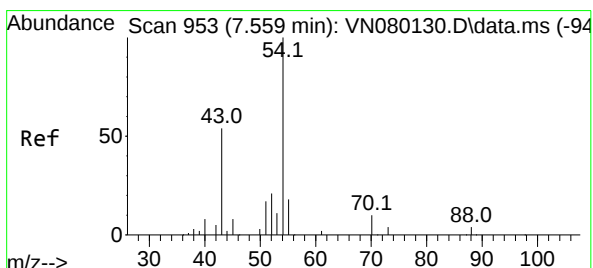
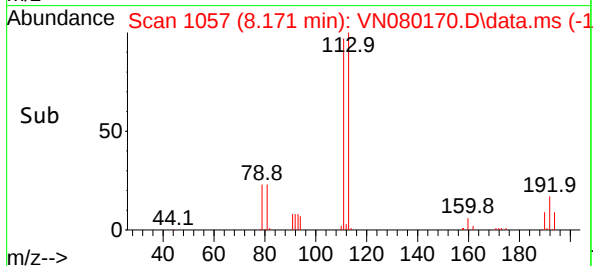
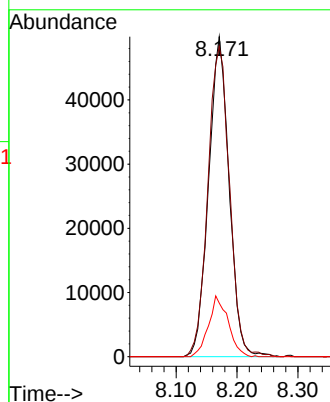
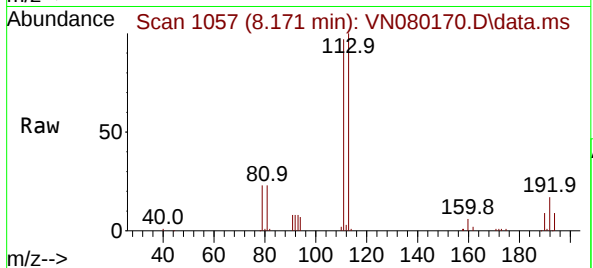
Tgt Ion:113 Resp: 116921

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 18.2 12.7 19.1



#37

Ethyl Acetate

Concen: 1.395 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN080170.D

Acq: 17 Nov 2023 18:04

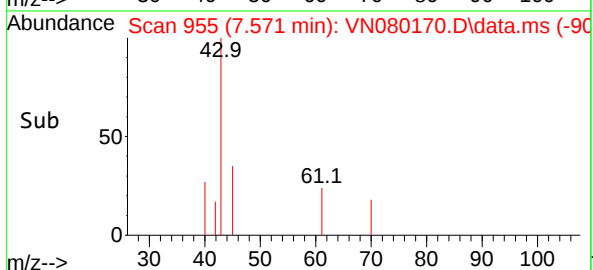
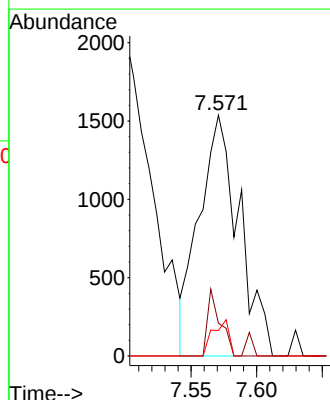
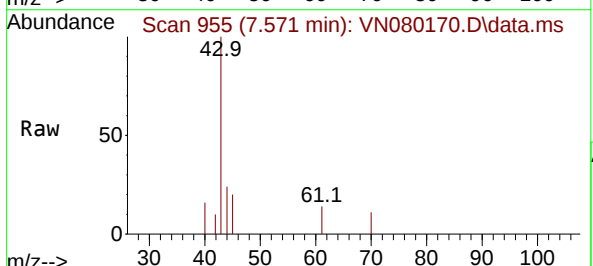
Tgt Ion: 43 Resp: 3271

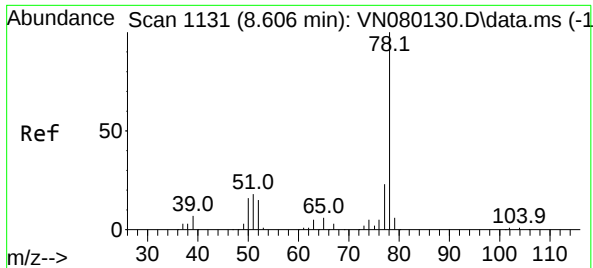
Ion Ratio Lower Upper

43 100

61 8.8 13.2 19.8#

70 6.1 11.3 16.9#





#40

Benzene

Concen: 42.846 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080170.D

Acq: 17 Nov 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

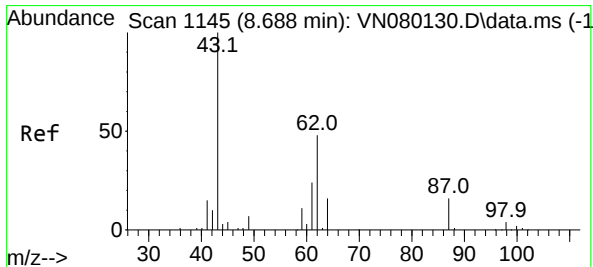
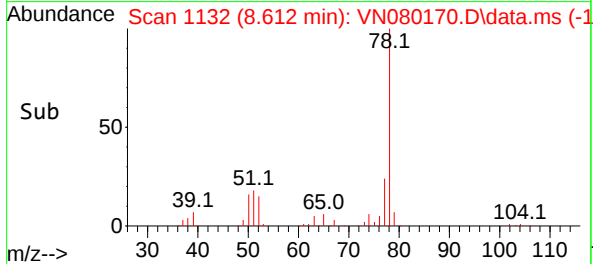
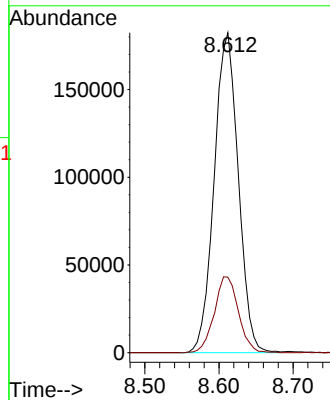
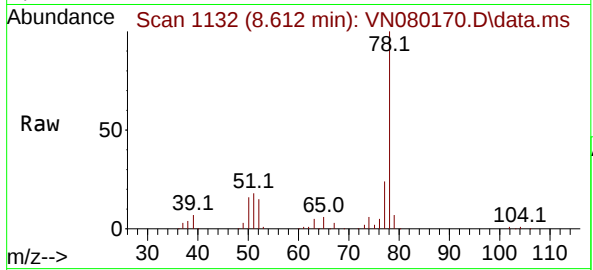
S-22

Tgt Ion: 78 Resp: 411784

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



#43

Isopropyl Acetate

Concen: 29.323 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080170.D

Acq: 17 Nov 2023 18:04

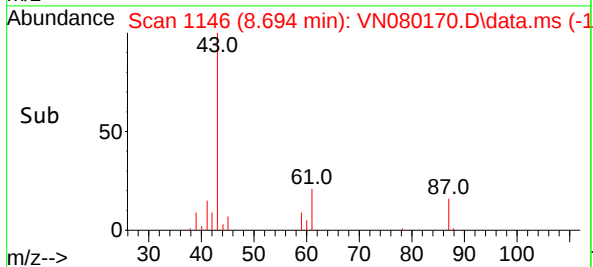
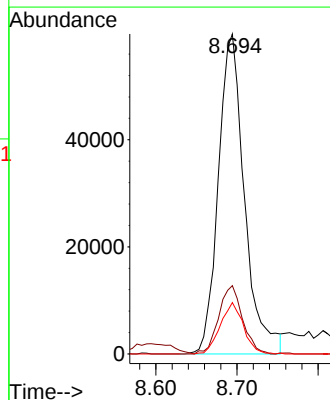
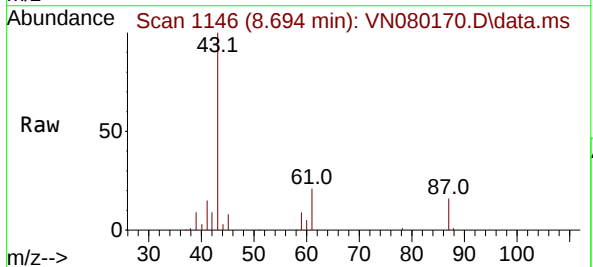
Tgt Ion: 43 Resp: 133840

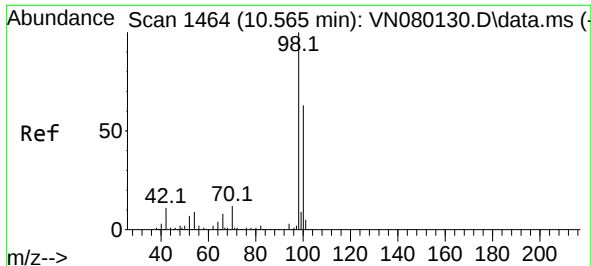
Ion Ratio Lower Upper

43 100

61 19.4 24.7 37.1#

87 14.2 14.6 21.8#

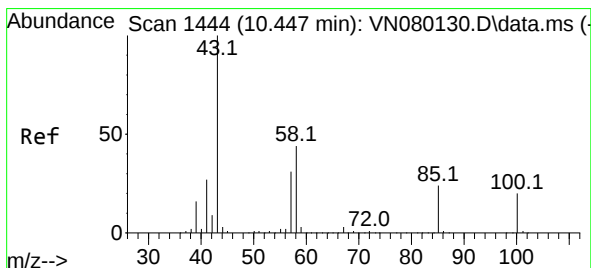
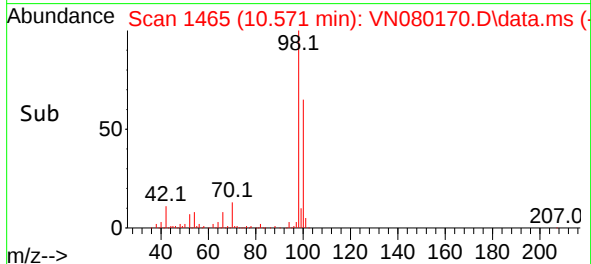
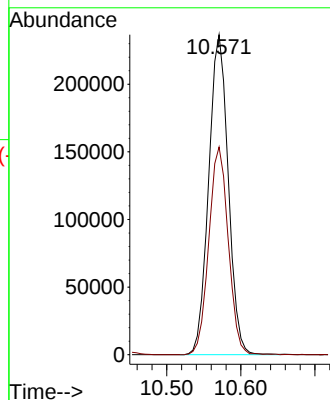
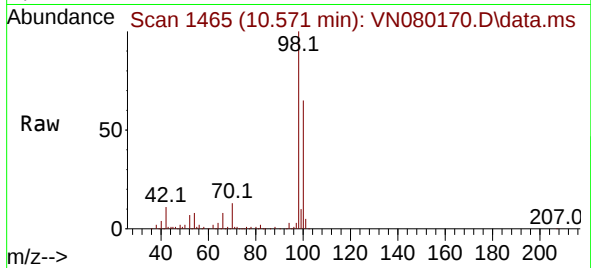




#50
Toluene-d8
Concen: 51.435 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

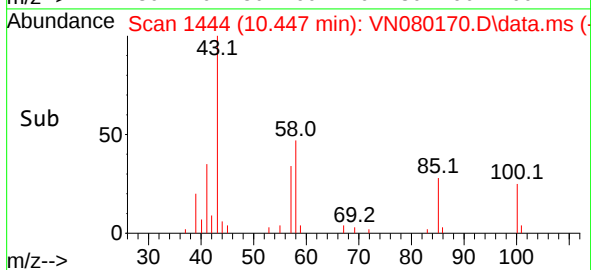
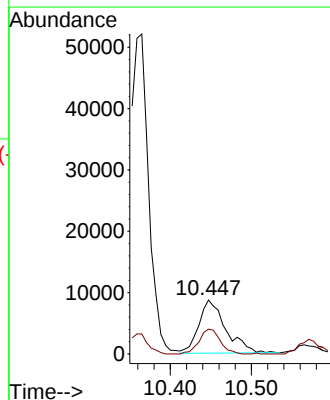
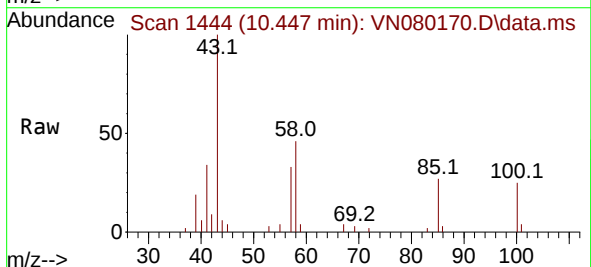
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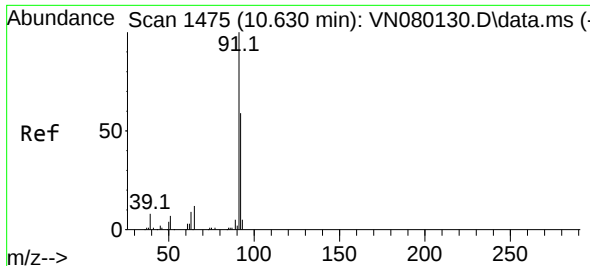
Tgt Ion: 98 Resp: 433053
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 8.426 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

Tgt Ion: 43 Resp: 19912
Ion Ratio Lower Upper
43 100
58 36.7 36.6 54.8

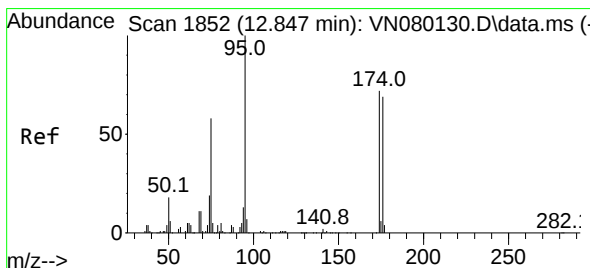
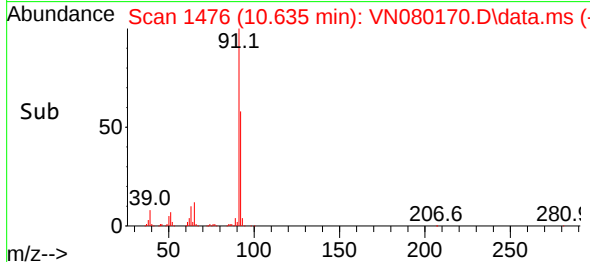
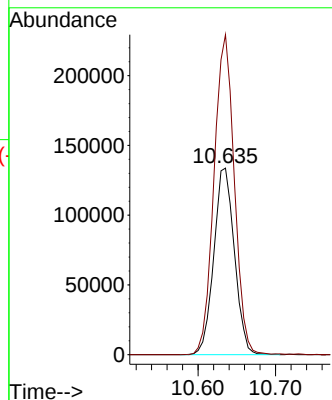
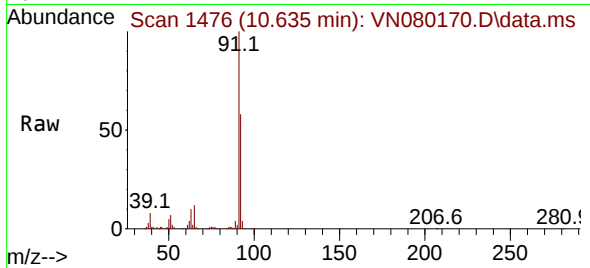




#52
Toluene
Concen: 41.025 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

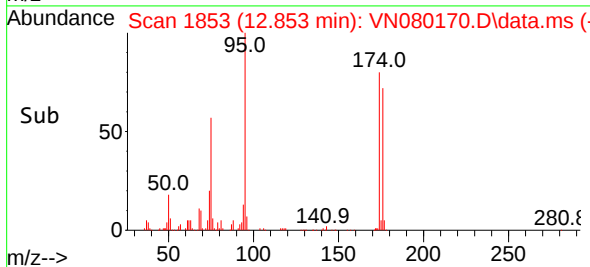
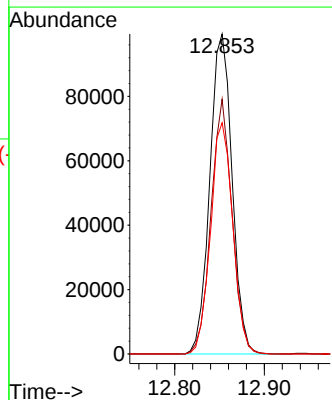
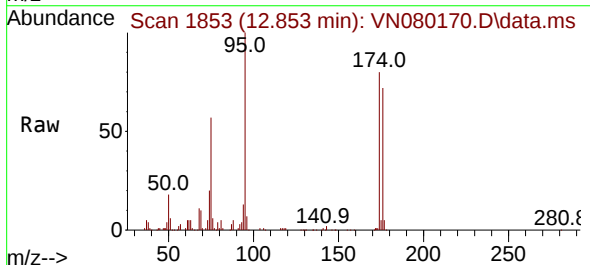
Instrument :
MSVOA_N
ClientSampleId :
S-22

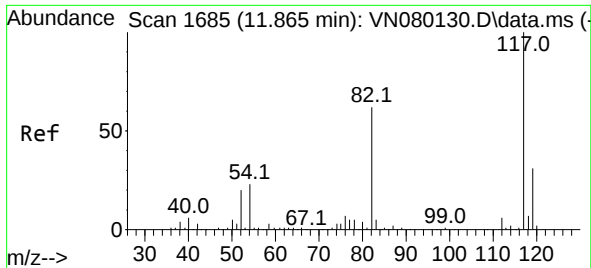
Tgt Ion: 92 Resp: 246749
Ion Ratio Lower Upper
92 100
91 169.2 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 53.803 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

Tgt Ion: 95 Resp: 171104
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.2 0.0 135.8

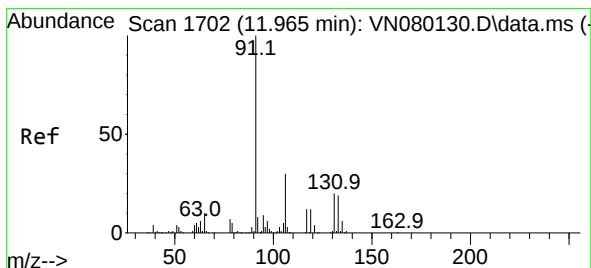
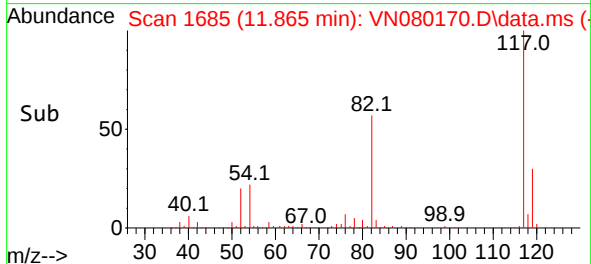
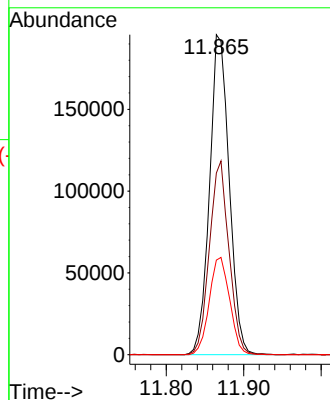
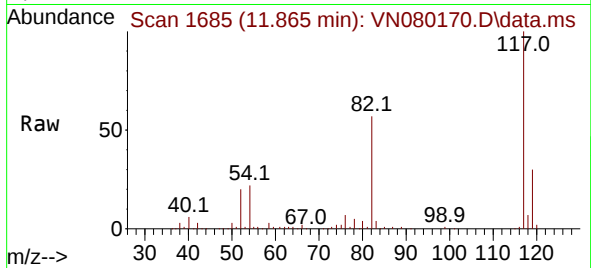




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

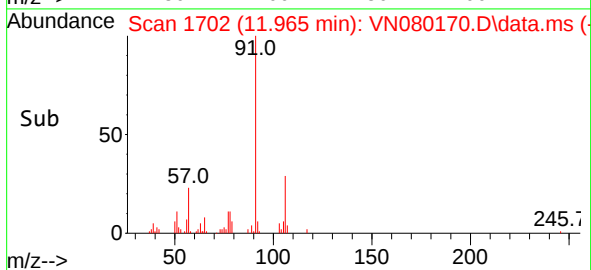
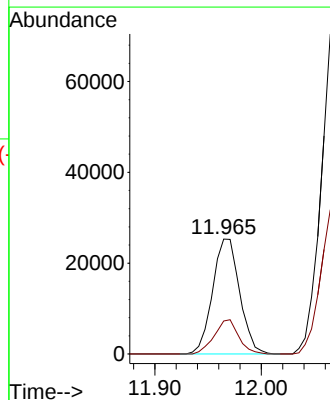
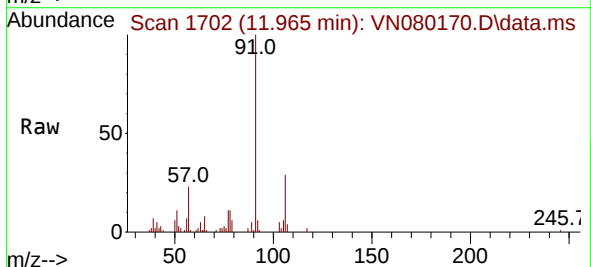
Instrument :
MSVOA_N
ClientSampleId :
S-22

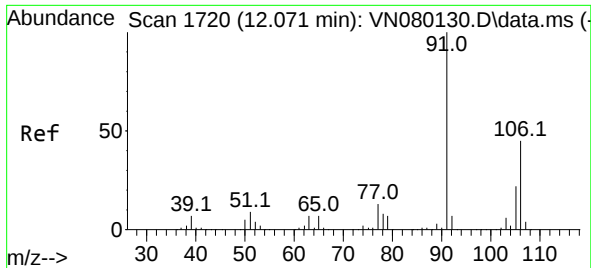
Tgt Ion:117 Resp: 344441
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 29.5 25.6 38.4



#67
Ethyl Benzene
Concen: 3.212 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

Tgt Ion: 91 Resp: 44603
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4

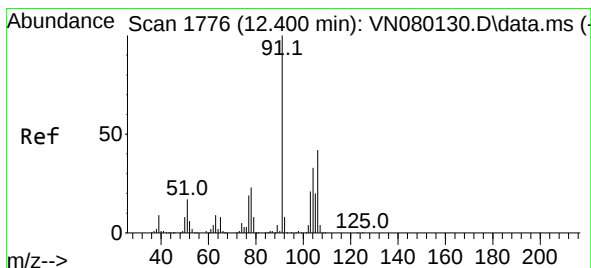
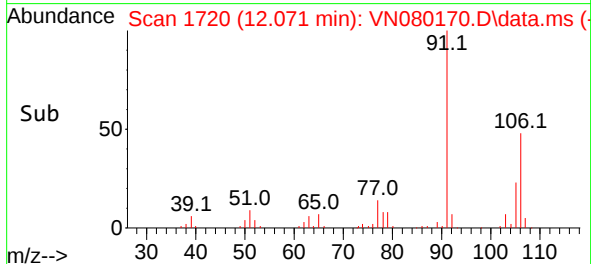
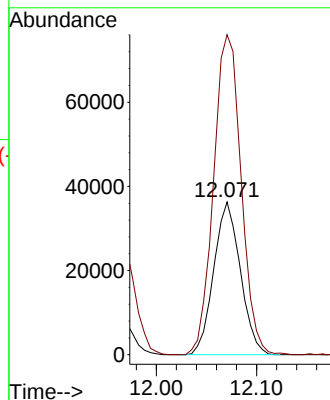
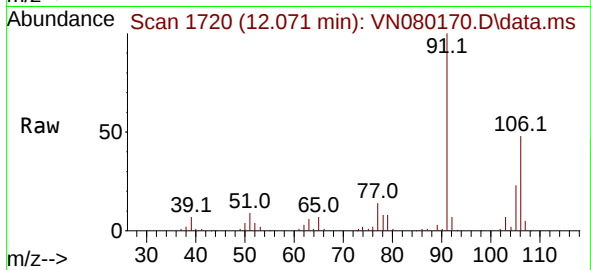




#68
m/p-Xylenes
Concen: 13.194 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

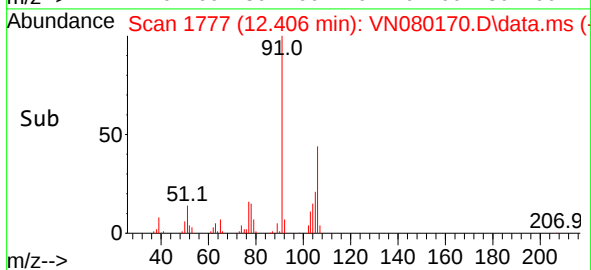
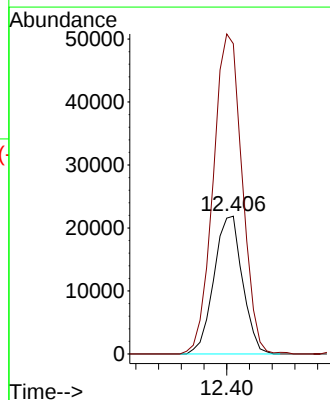
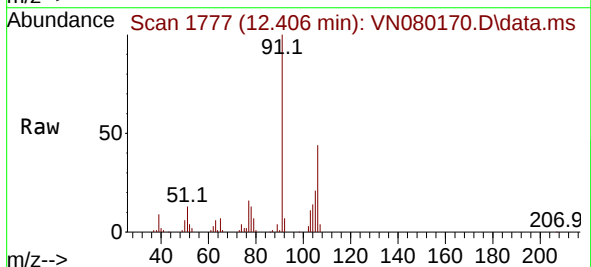
Instrument :
MSVOA_N
ClientSampleId :
S-22

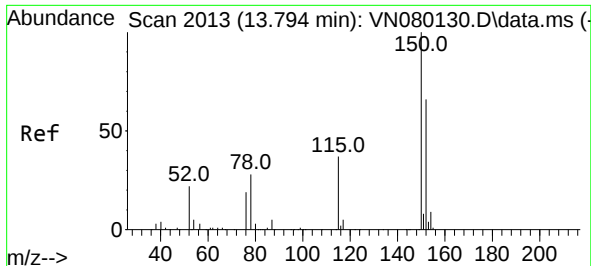
Tgt Ion:106 Resp: 66809
Ion Ratio Lower Upper
106 100
91 217.3 159.6 239.4



#69
o-Xylene
Concen: 7.997 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

Tgt Ion:106 Resp: 38161
Ion Ratio Lower Upper
106 100
91 235.6 105.2 315.5

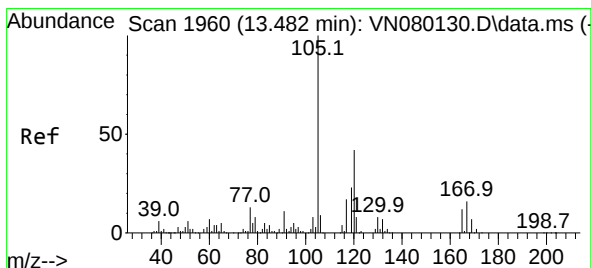
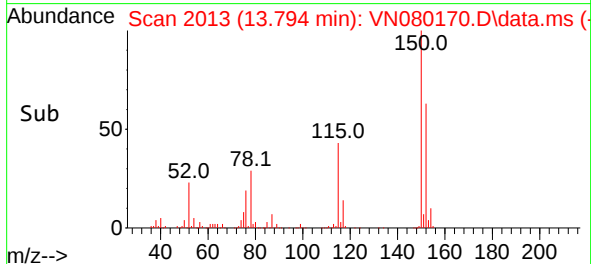
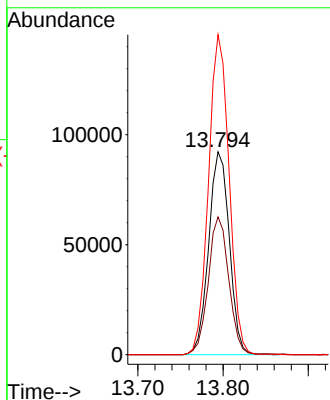
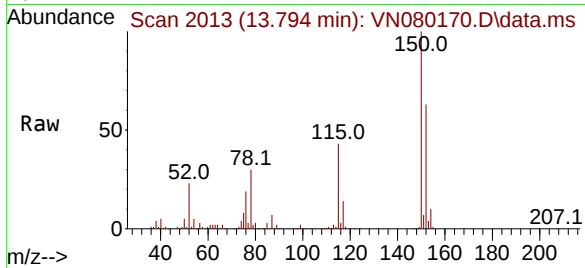




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080170.D
 Acq: 17 Nov 2023 18:04

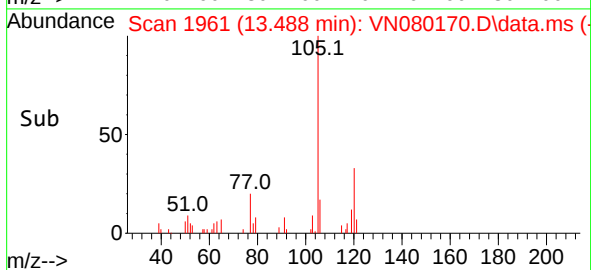
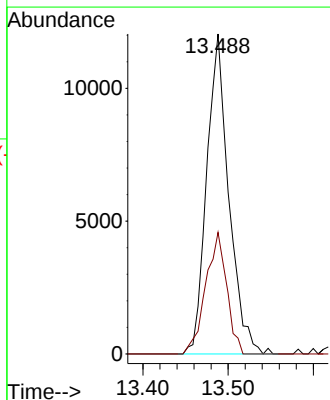
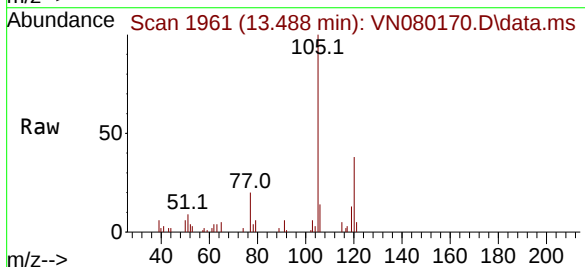
Instrument :
 MSVOA_N
 ClientSampleId :
 S-22

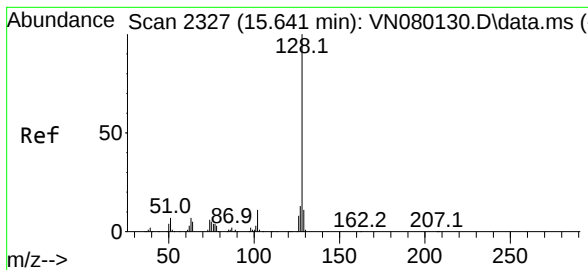
Tgt Ion:152 Resp: 155836
 Ion Ratio Lower Upper
 152 100
 115 67.4 32.3 96.8
 150 156.7 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.096 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080170.D
 Acq: 17 Nov 2023 18:04

Tgt Ion:105 Resp: 21754
 Ion Ratio Lower Upper
 105 100
 120 36.0 22.0 66.0





#95
Naphthalene
Concen: 26.540 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080170.D
Acq: 17 Nov 2023 18:04

Instrument :
MSVOA_N
ClientSampleId :
S-22

Tgt Ion:	128	Resp:	235610
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.1	8.7	13.1

