

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080173.D
 Acq On : 17 Nov 2023 19:16
 Operator : JC\MD
 Sample : 05462-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-25

Quant Time: Nov 18 02:37:06 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)

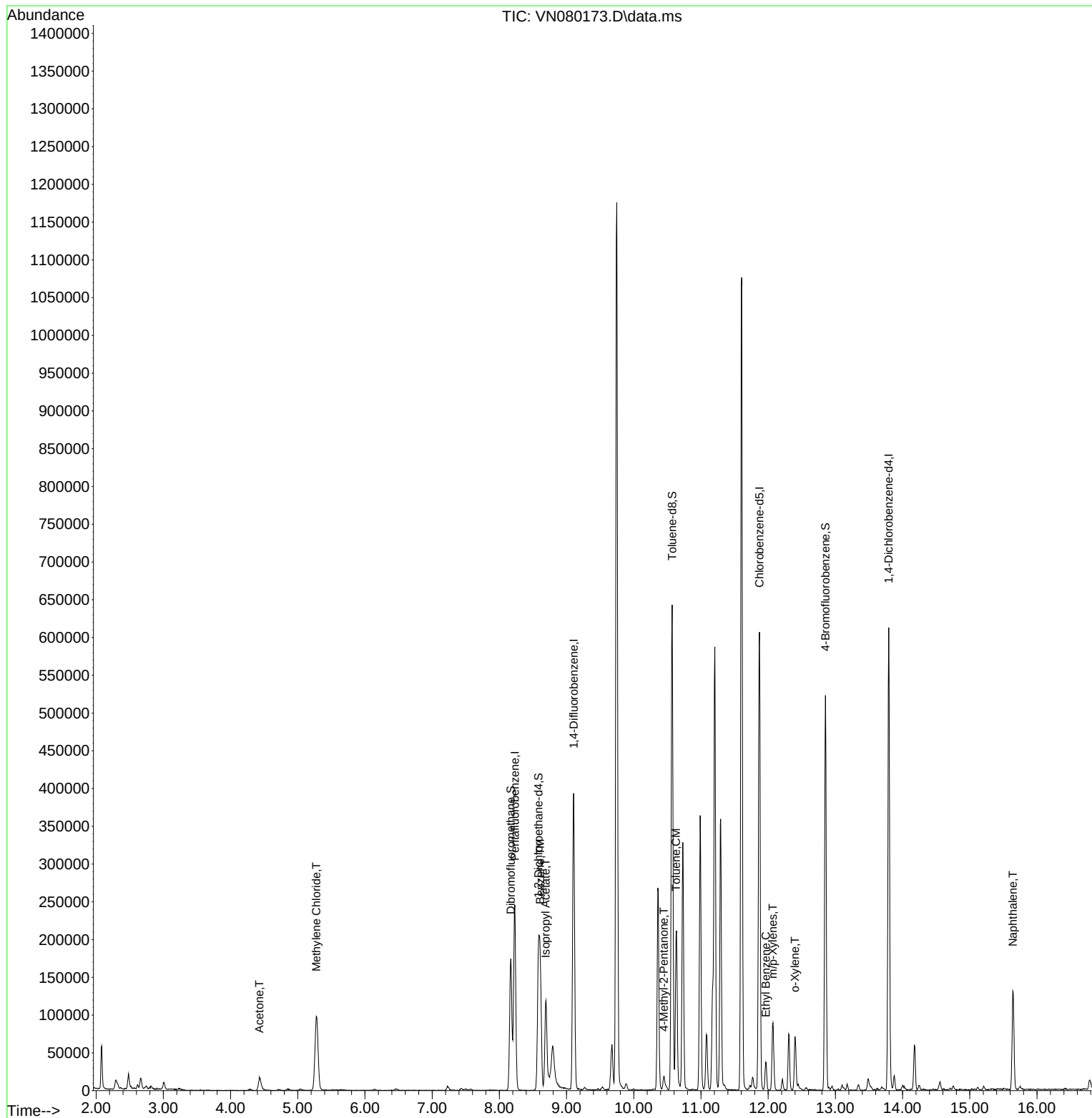
Internal Standards						
1) Pentafluorobenzene	8.230	168	166057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	352200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154572	56.375	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.740%			
35) Dibromofluoromethane	8.171	113	121251	50.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	10.571	98	442910	51.351	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	12.853	95	178578	54.815	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.620%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	30494	33.112	ug/l	99
20) Methylene Chloride	5.277	84	82906	42.989	ug/l	92
40) Benzene	8.606	78	151631	15.401	ug/l	95
43) Isopropyl Acetate	8.688	43	136783	29.253	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	14746	6.091	ug/l #	82
52) Toluene	10.629	92	94603	15.354	ug/l	99
67) Ethyl Benzene	11.965	91	17895	1.260	ug/l	92
68) m/p-Xylenes	12.071	106	27263	5.265	ug/l	81
69) o-Xylene	12.400	106	17098	3.504	ug/l	82
95) Naphthalene	15.641	128	122561	13.179	ug/l	98

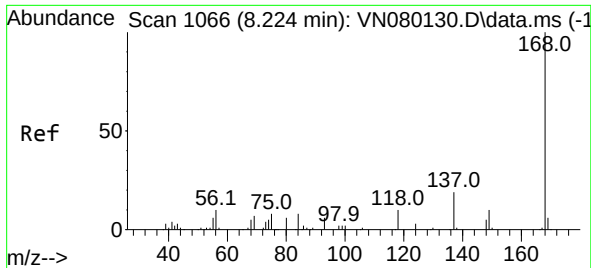
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 18 02:37:06 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

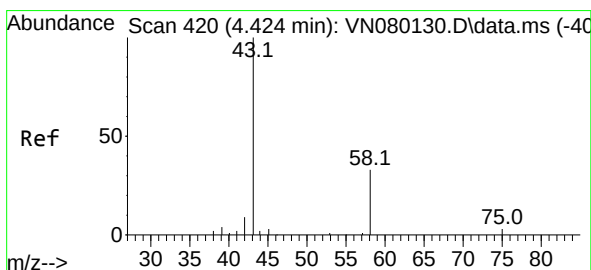
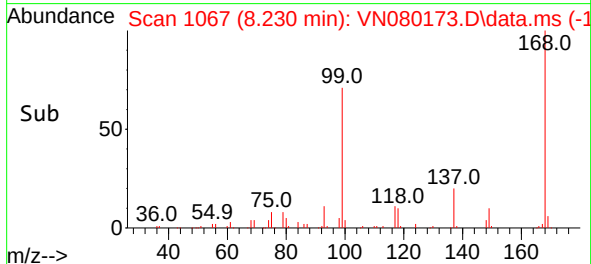
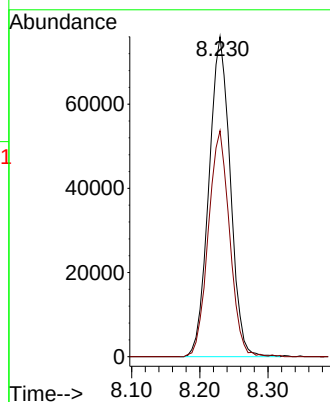
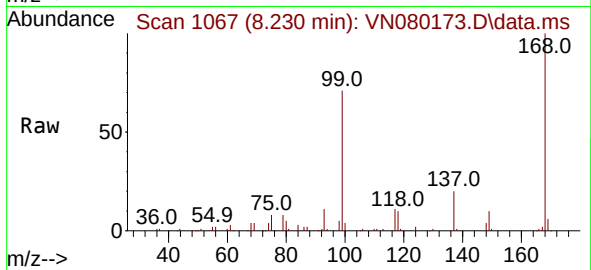




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

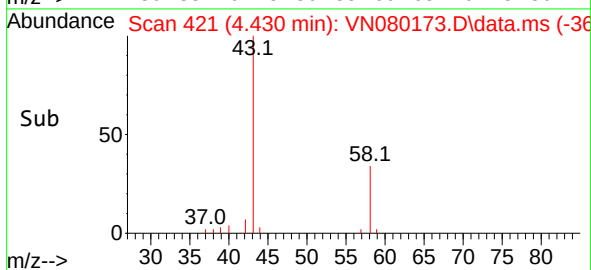
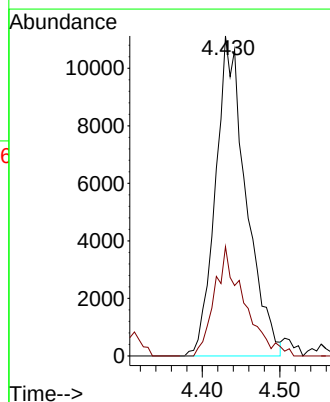
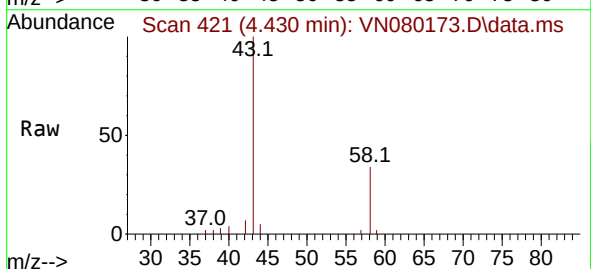
Instrument :
MSVOA_N
ClientSampleId :
S-25

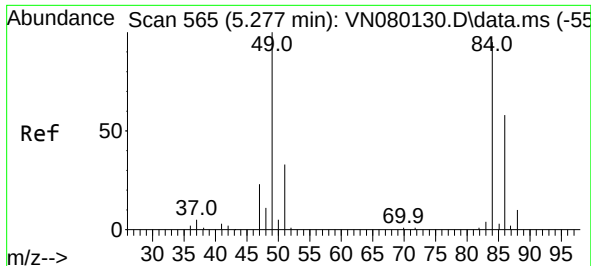
Tgt Ion:168 Resp: 166057
Ion Ratio Lower Upper
168 100
99 70.6 53.0 79.6



#16
Acetone
Concen: 33.112 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

Tgt Ion: 43 Resp: 30494
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0

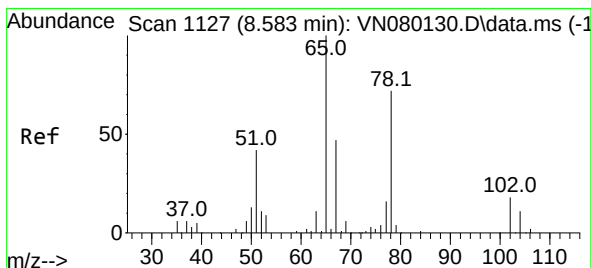
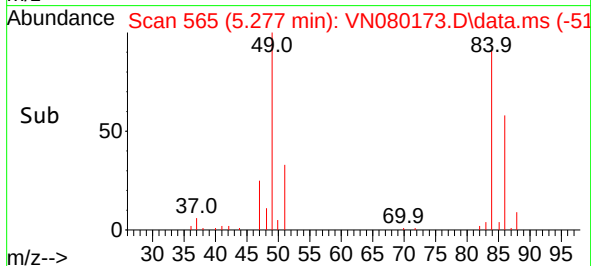
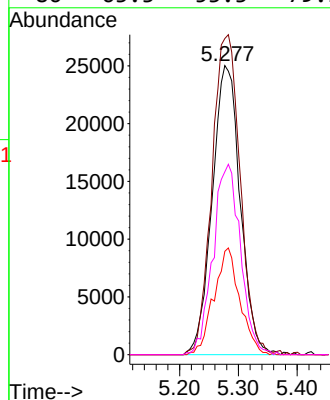
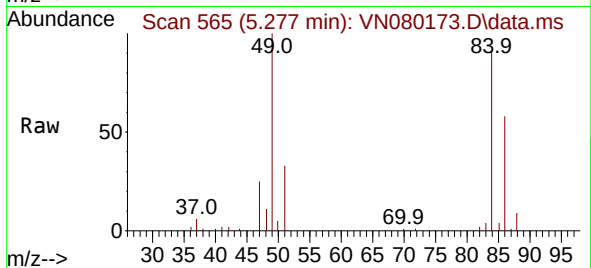




#20
Methylene Chloride
Concen: 42.989 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

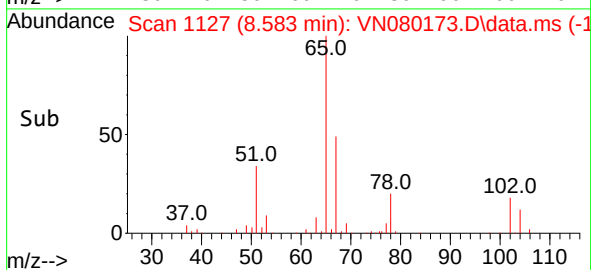
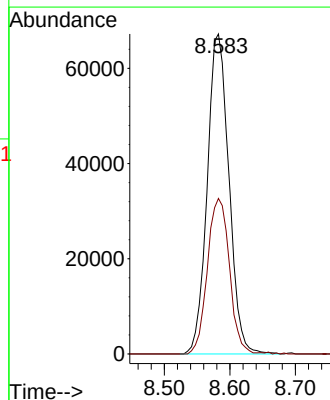
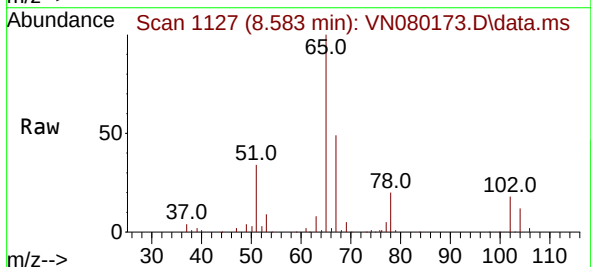
Instrument :
MSVOA_N
ClientSampleId :
S-25

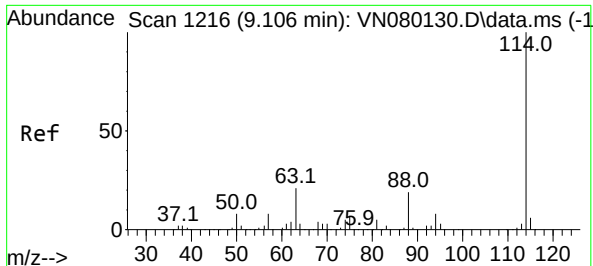
Tgt Ion:	84	Resp:	82906
Ion	Ratio	Lower	Upper
84	100		
49	109.4	79.7	119.5
51	35.8	25.2	37.8
86	63.3	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.375 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

Tgt Ion:	65	Resp:	154572
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	106.6

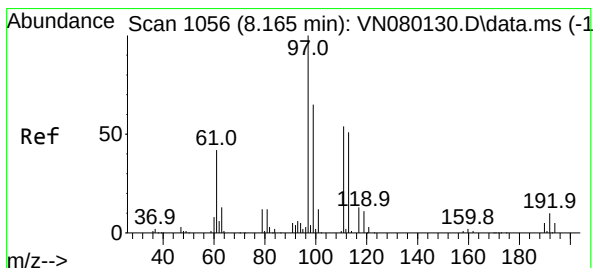
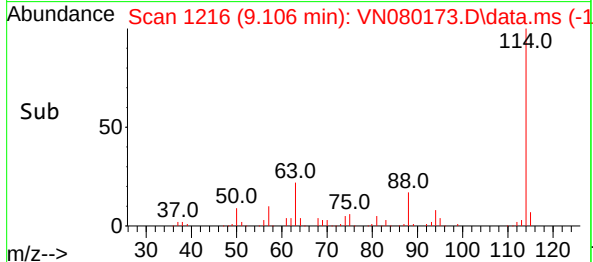
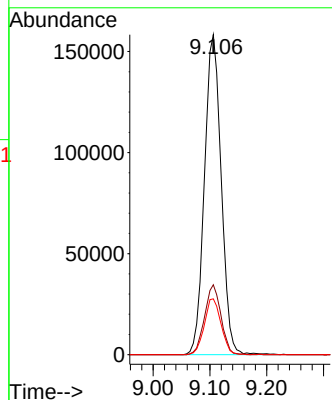
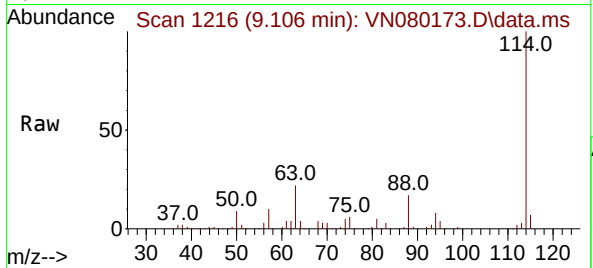




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

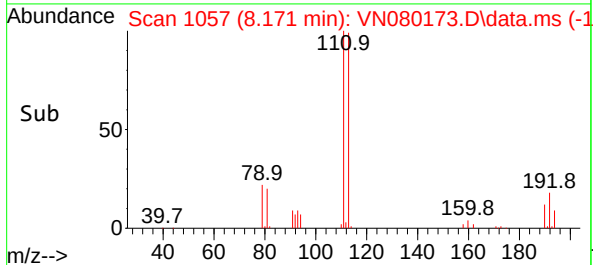
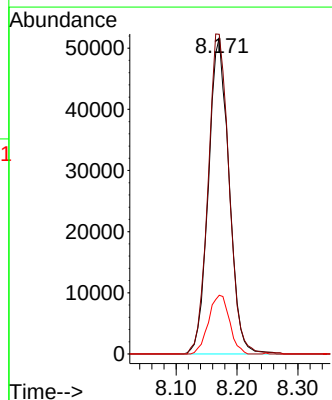
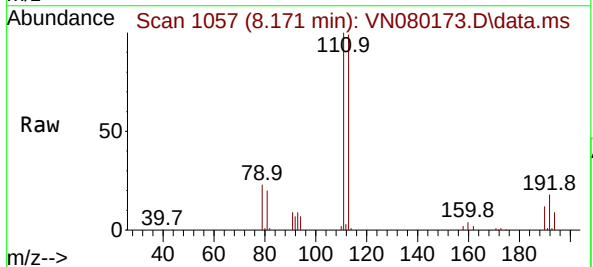
Instrument :
MSVOA_N
ClientSampleId :
S-25

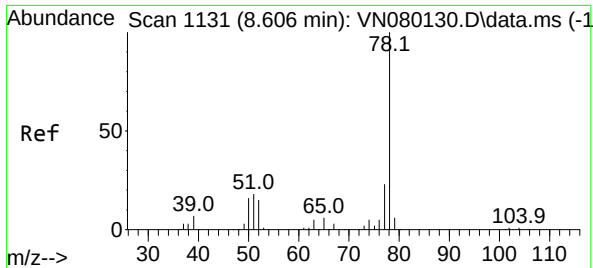
Tgt Ion:114 Resp: 324267
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.676 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

Tgt Ion:113 Resp: 121251
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.9 12.7 19.1

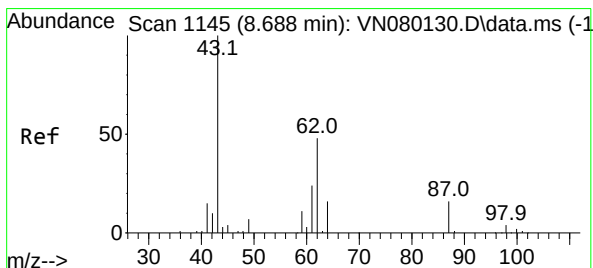
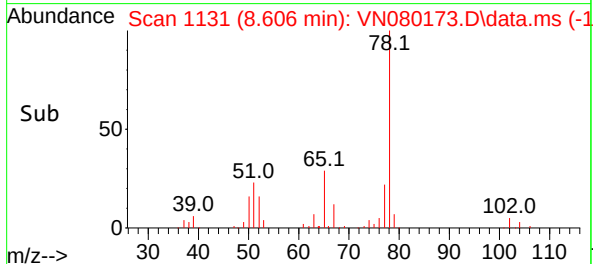
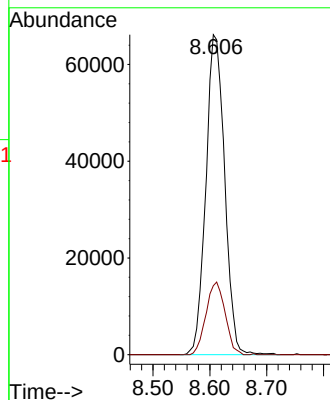
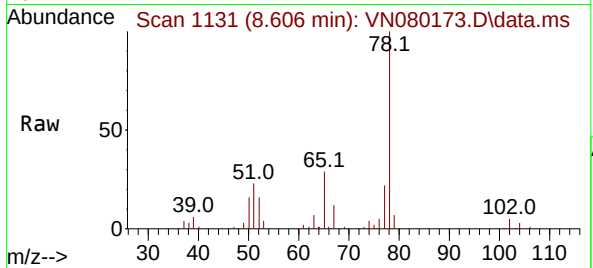




#40
Benzene
Concen: 15.401 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

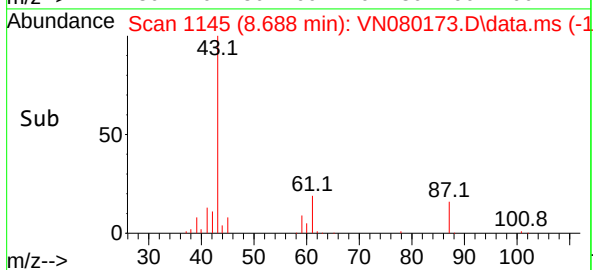
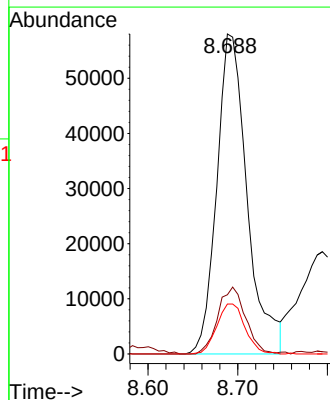
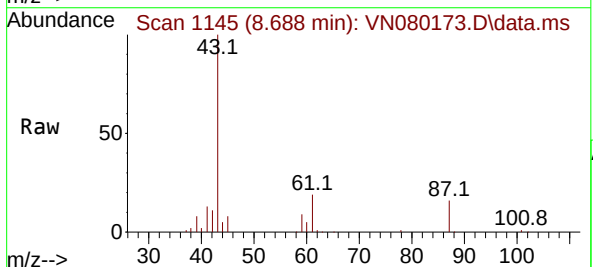
Instrument :
MSVOA_N
ClientSampleId :
S-25

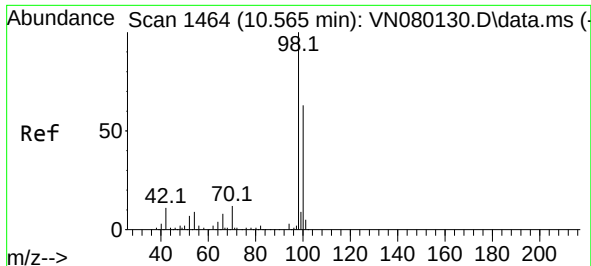
Tgt Ion: 78 Resp: 151631
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.6



#43
Isopropyl Acetate
Concen: 29.253 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

Tgt Ion: 43 Resp: 136783
Ion Ratio Lower Upper
43 100
61 19.2 24.7 37.1#
87 14.4 14.6 21.8#

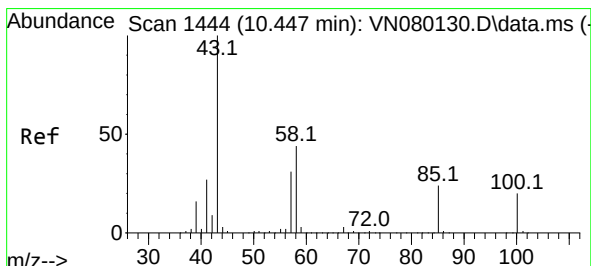
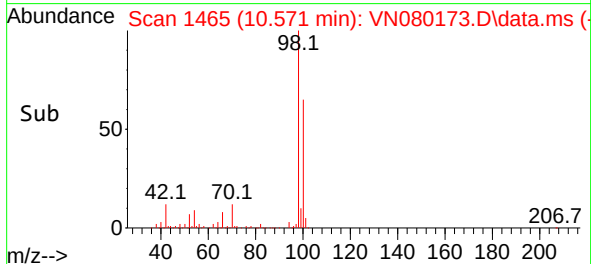
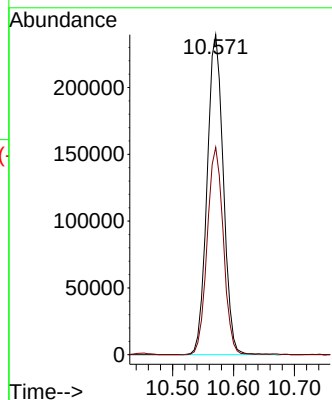
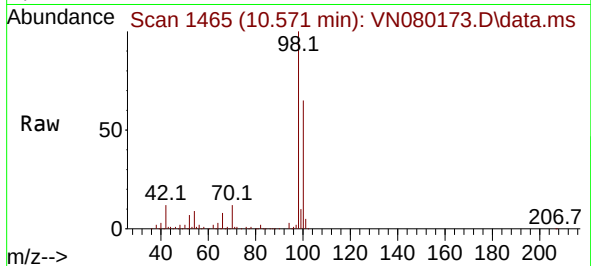




#50
Toluene-d8
Concen: 51.351 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

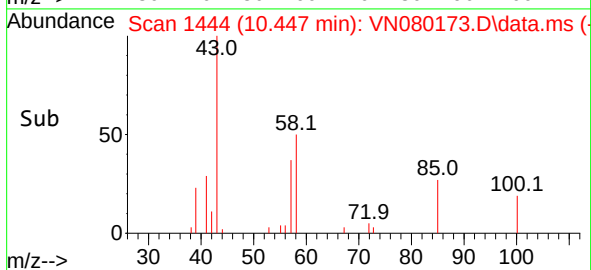
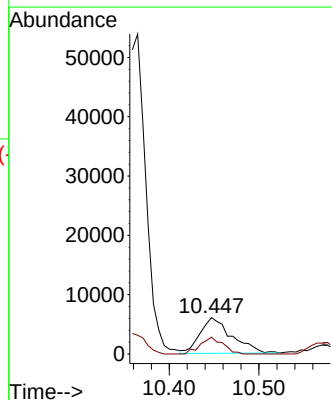
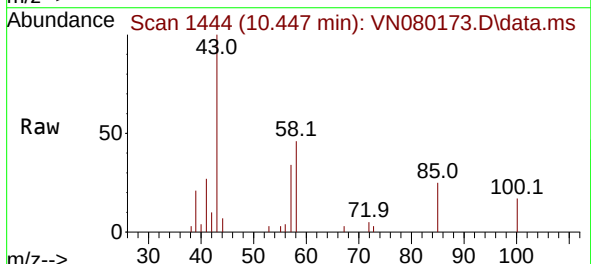
Instrument :
MSVOA_N
ClientSampleId :
S-25

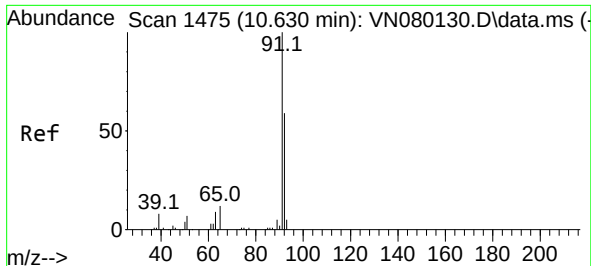
Tgt Ion: 98 Resp: 442910
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.091 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

Tgt Ion: 43 Resp: 14746
Ion Ratio Lower Upper
43 100
58 33.6 36.6 54.8#

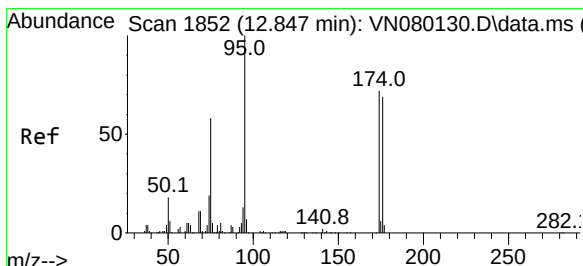
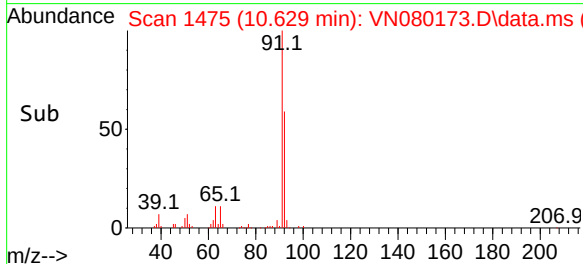
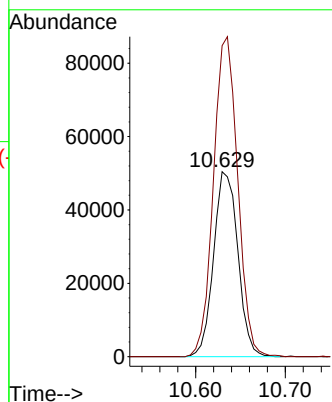
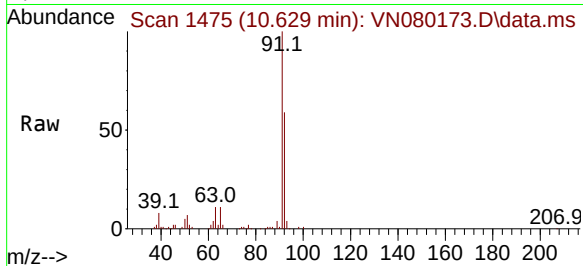




#52
Toluene
Concen: 15.354 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

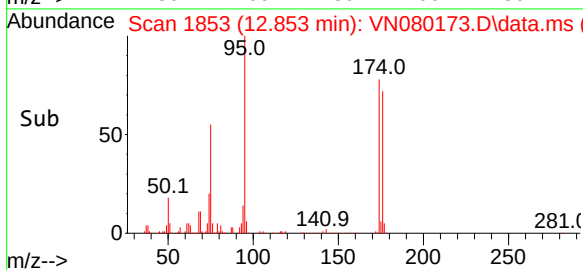
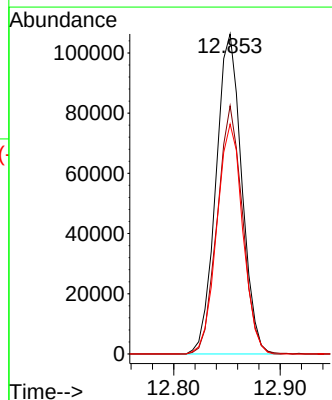
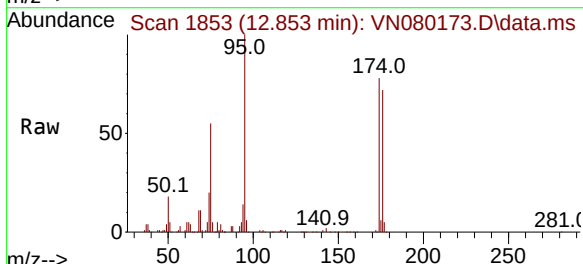
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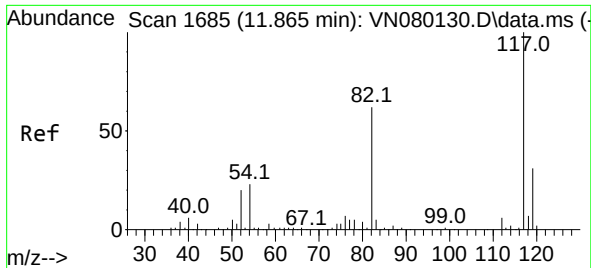
Tgt Ion: 92 Resp: 94603
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.815 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

Tgt Ion: 95 Resp: 178578
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.1 0.0 135.8

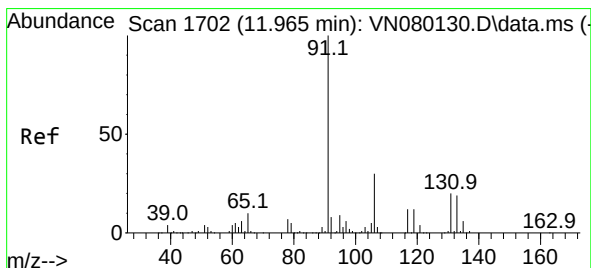
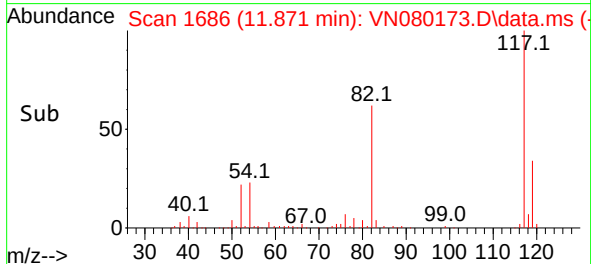
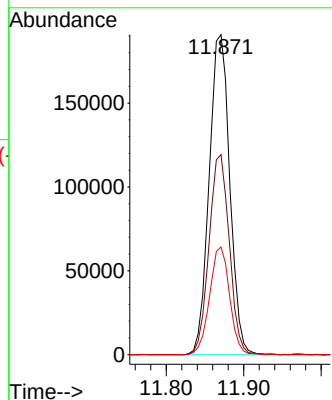
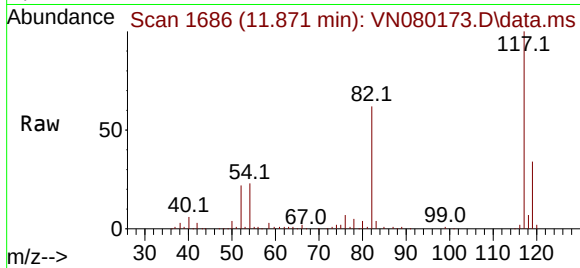




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

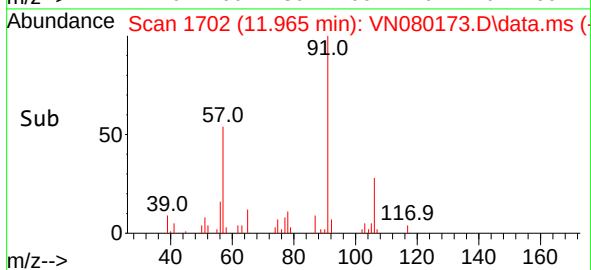
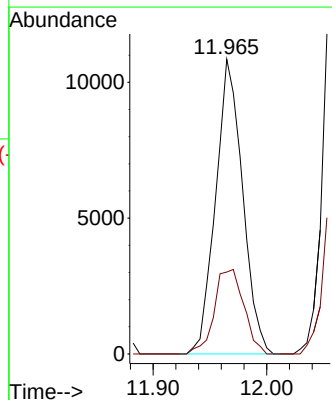
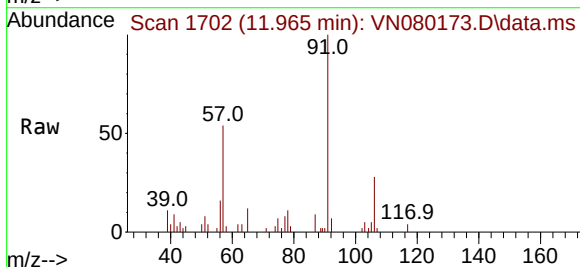
Instrument :
MSVOA_N
ClientSampleId :
S-25

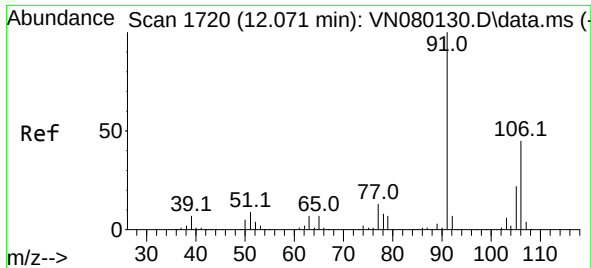
Tgt Ion:117 Resp: 352200
Ion Ratio Lower Upper
117 100
82 62.5 44.0 66.0
119 33.6 25.6 38.4



#67
Ethyl Benzene
Concen: 1.260 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

Tgt Ion: 91 Resp: 17895
Ion Ratio Lower Upper
91 100
106 27.8 25.6 38.4

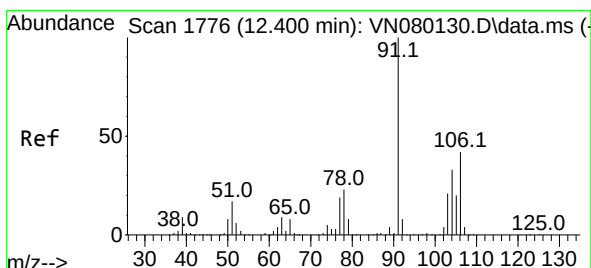
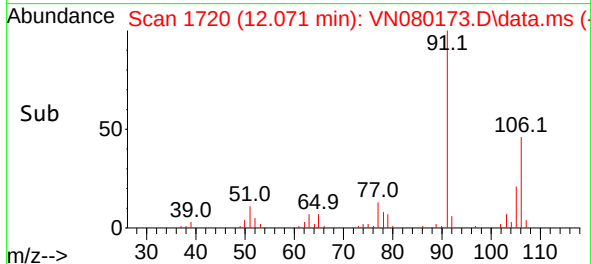
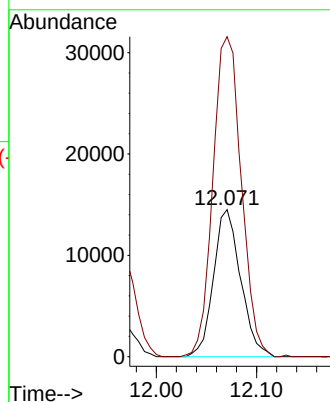
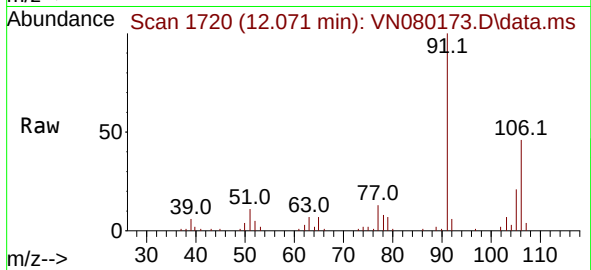




#68
m/p-Xylenes
Concen: 5.265 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

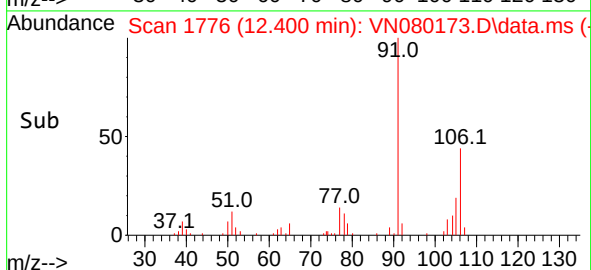
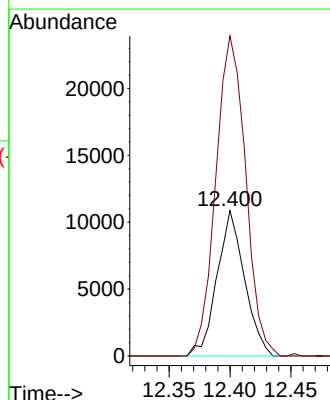
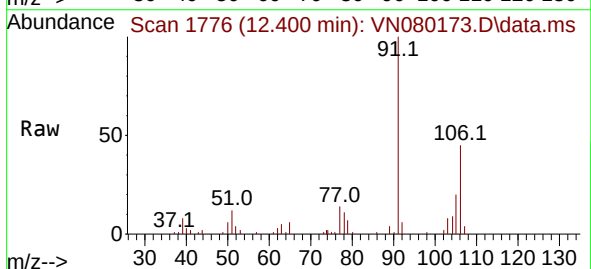
Instrument :
MSVOA_N
ClientSampleId :
S-25

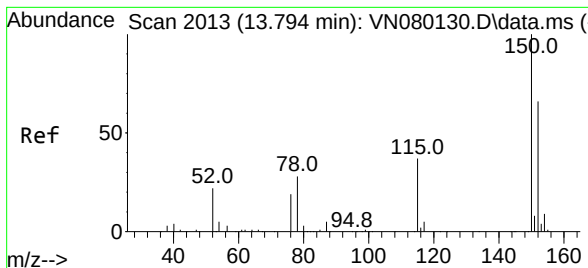
Tgt Ion:106 Resp: 27263
Ion Ratio Lower Upper
106 100
91 227.9 159.6 239.4



#69
o-Xylene
Concen: 3.504 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080173.D
Acq: 17 Nov 2023 19:16

Tgt Ion:106 Resp: 17098
Ion Ratio Lower Upper
106 100
91 238.4 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080173.D

Acq: 17 Nov 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

S-25

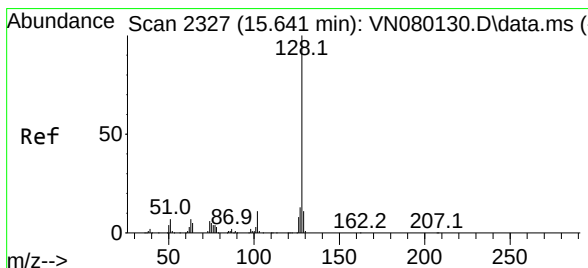
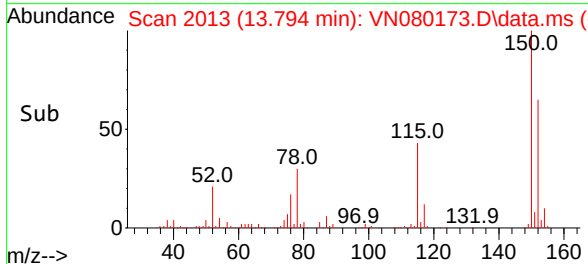
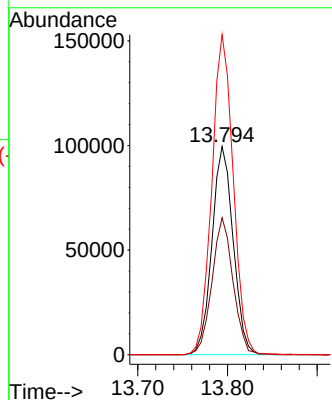
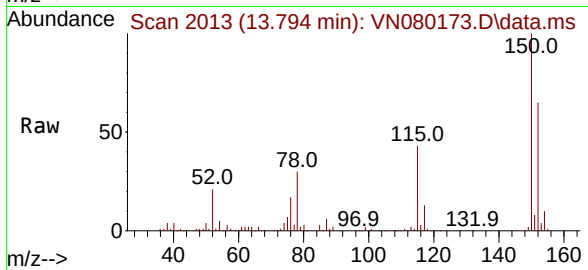
Tgt Ion:152 Resp: 163246

Ion Ratio Lower Upper

152 100

115 65.7 32.3 96.8

150 155.0 0.0 355.8



#95

Naphthalene

Concen: 13.179 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080173.D

Acq: 17 Nov 2023 19:16

Tgt Ion:128 Resp: 122561

Ion Ratio Lower Upper

128 100

127 13.9 10.0 15.0

129 10.4 8.7 13.1

