

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081524.D
 Acq On : 21 Mar 2024 17:00
 Operator : JC\MD
 Sample : P1798-07 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-7

Quant Time: Mar 22 05:09:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

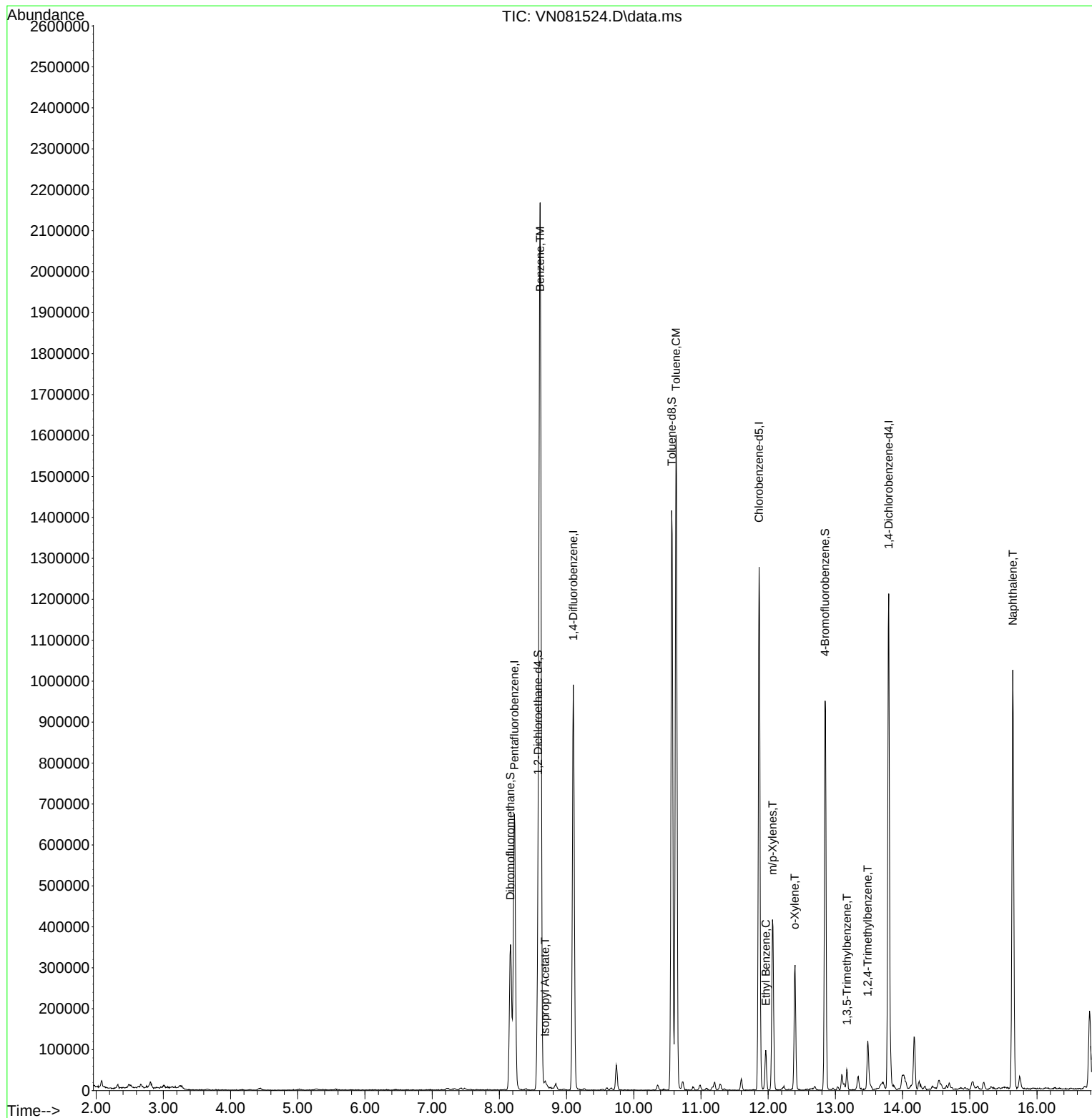
Internal Standards						
1) Pentafluorobenzene	8.224	168	495186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	870935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	752181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	325693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	313119	49.584	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	8.165	113	260240	47.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	10.565	98	1009812	50.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.847	95	331153	47.300	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.600%
Target Compounds						
40) Benzene	8.606	78	2206479	81.592	ug/l	98
43) Isopropyl Acetate	8.682	43	17101	1.302	ug/l #	77
52) Toluene	10.629	92	722097	42.011	ug/l	100
67) Ethyl Benzene	11.964	91	67409	2.182	ug/l	97
68) m/p-Xylenes	12.065	106	132495	11.442	ug/l	98
69) o-Xylene	12.394	106	82448	7.253	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	25409	1.108	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	72988	3.167	ug/l	99
95) Naphthalene	15.641	128	938149	41.288	ug/l	99

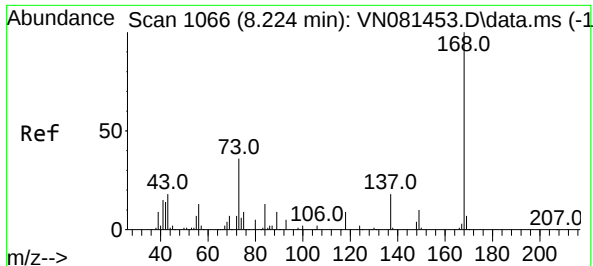
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
Data File : VN081524.D
Acq On : 21 Mar 2024 17:00
Operator : JC\MD
Sample : P1798-07 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-7

Quant Time: Mar 22 05:09:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

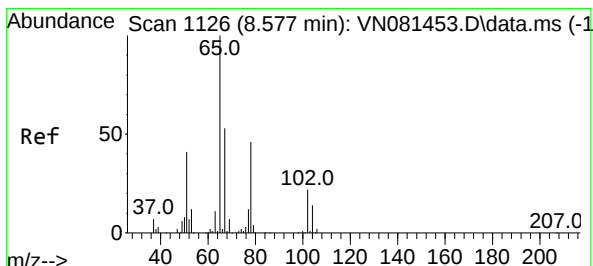
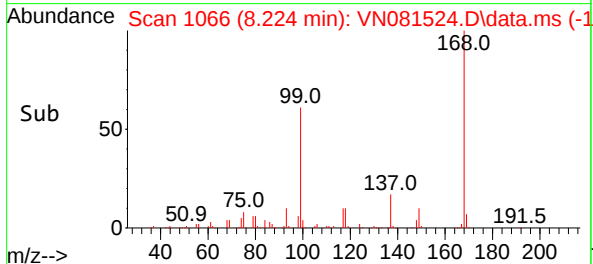
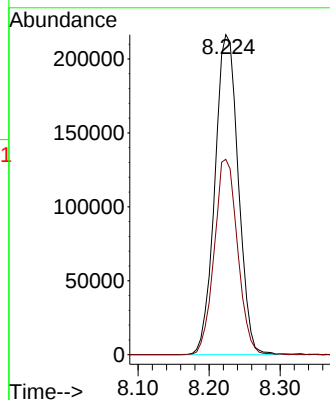
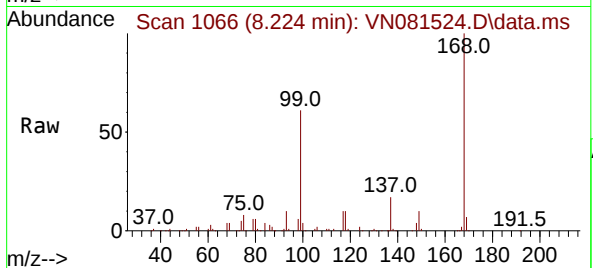




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

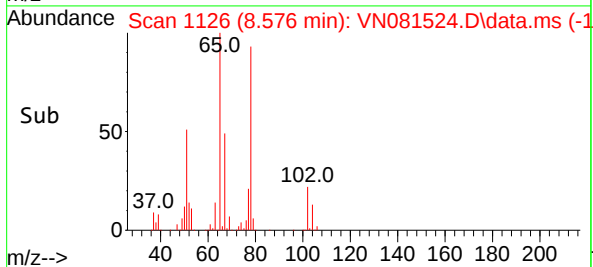
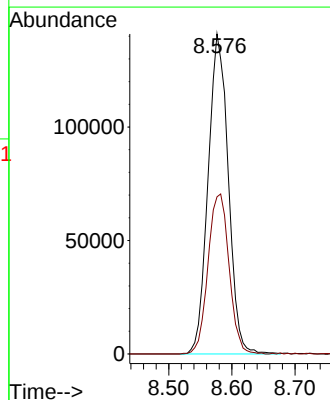
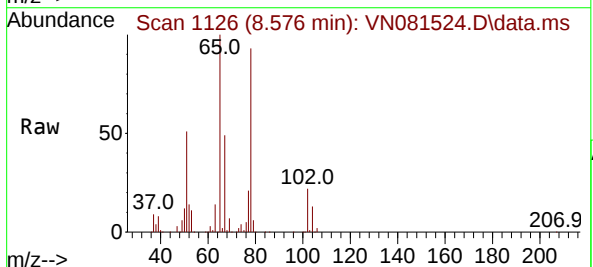
Instrument :
MSVOA_N
ClientSampleId :
S-7

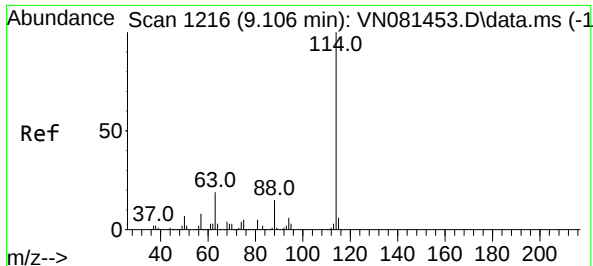
Tgt Ion:168 Resp: 495186
Ion Ratio Lower Upper
168 100
99 61.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.584 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

Tgt Ion: 65 Resp: 313119
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

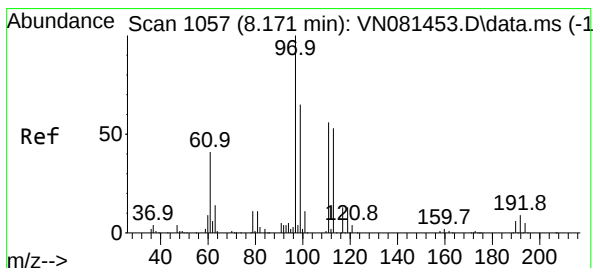
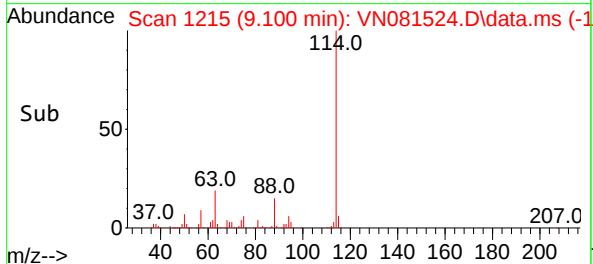
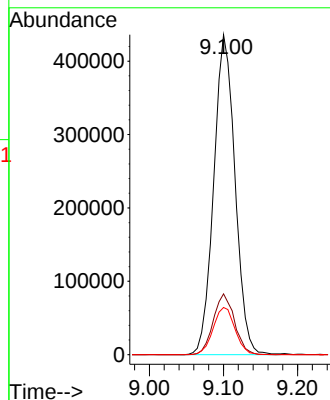
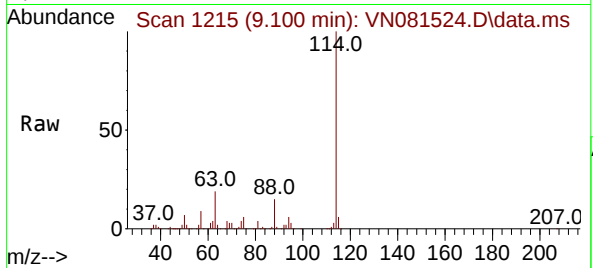




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.006 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

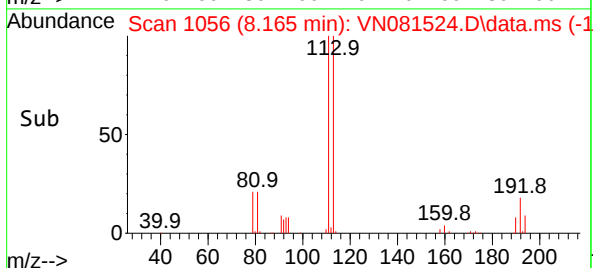
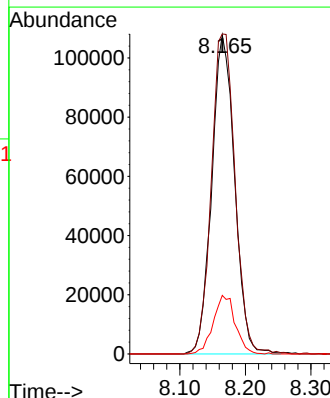
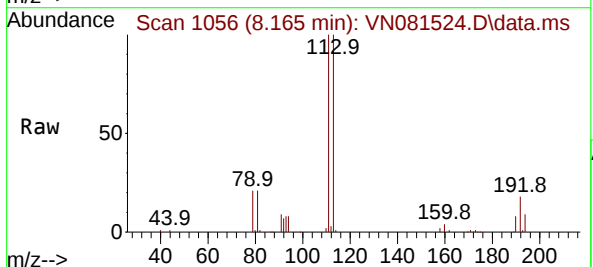
Instrument :
MSVOA_N
ClientSampleId :
S-7

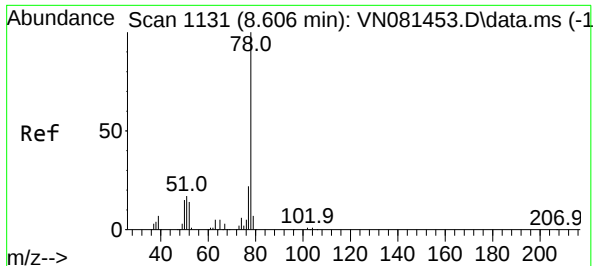
Tgt Ion:114 Resp: 870935
Ion Ratio Lower Upper
114 100
63 19.0 0.0 48.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 47.347 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

Tgt Ion:113 Resp: 260240
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 17.7 12.5 18.7

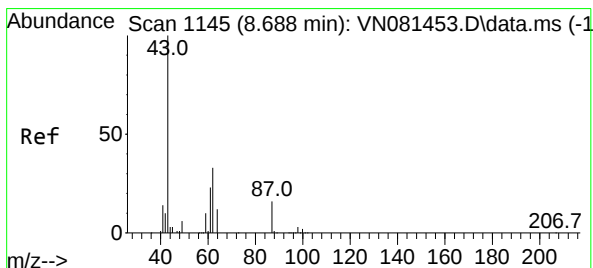
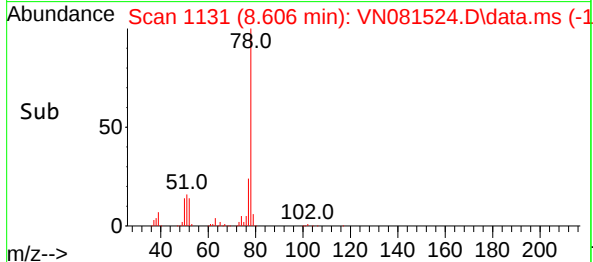
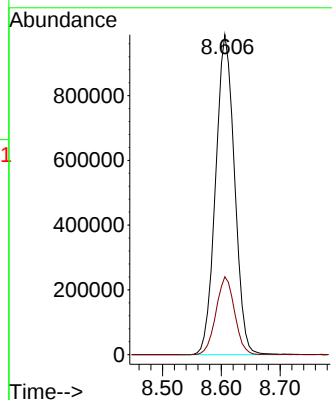
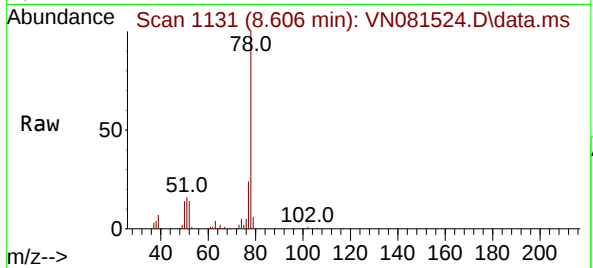




#40
Benzene
Concen: 81.592 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

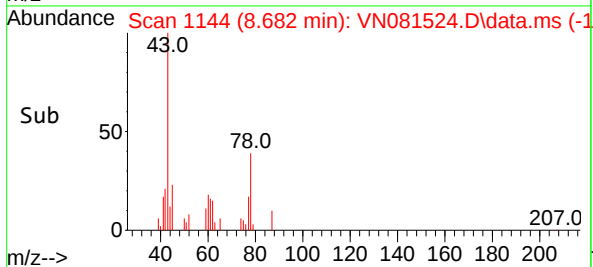
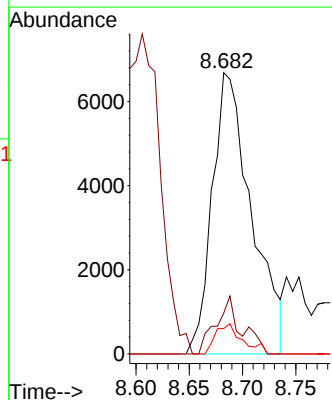
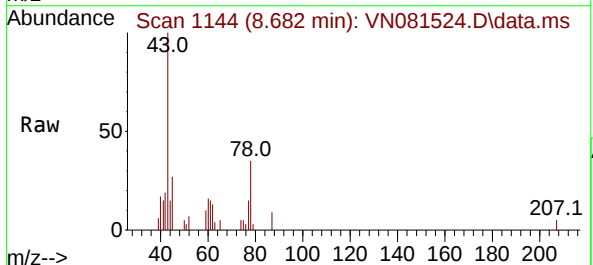
Instrument :
MSVOA_N
ClientSampleId :
S-7

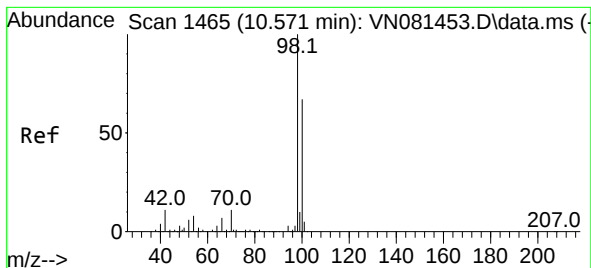
Tgt Ion: 78 Resp: 2206479
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6



#43
Isopropyl Acetate
Concen: 1.302 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

Tgt Ion: 43 Resp: 17101
Ion Ratio Lower Upper
43 100
61 10.5 19.9 29.9#
87 7.3 9.0 13.6#

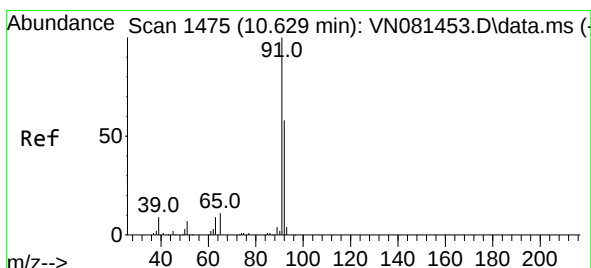
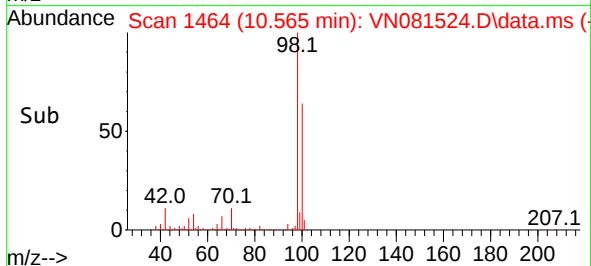
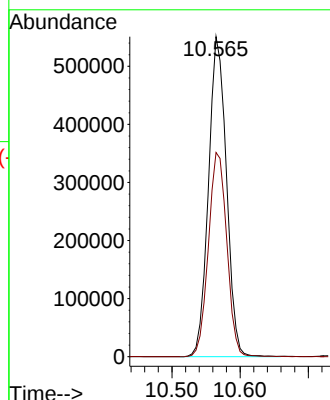
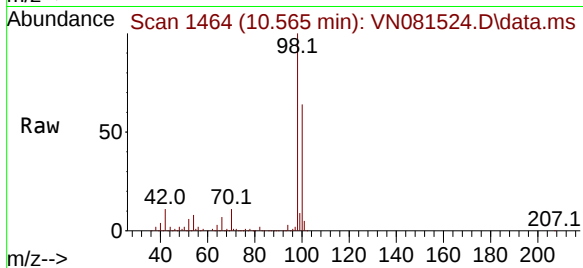




#50
Toluene-d8
Concen: 50.823 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

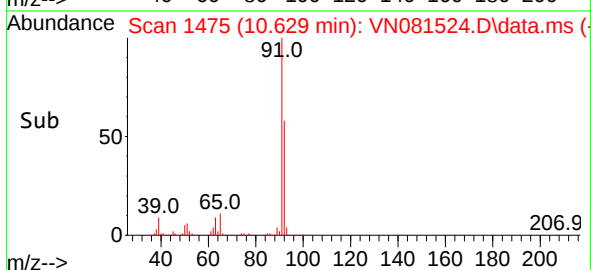
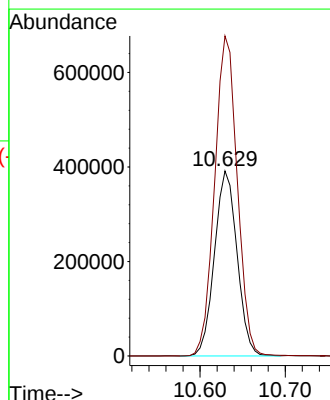
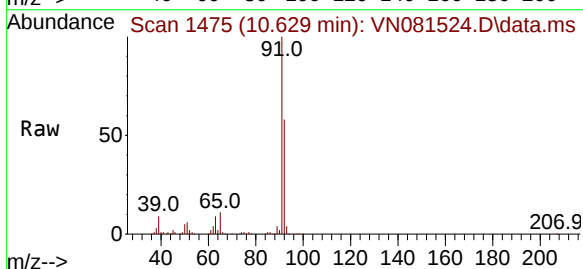
Instrument :
MSVOA_N
ClientSampleId :
S-7

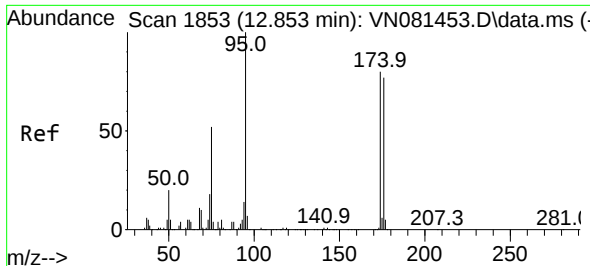
Tgt Ion: 98 Resp: 1009812
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#52
Toluene
Concen: 42.011 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

Tgt Ion: 92 Resp: 722097
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0

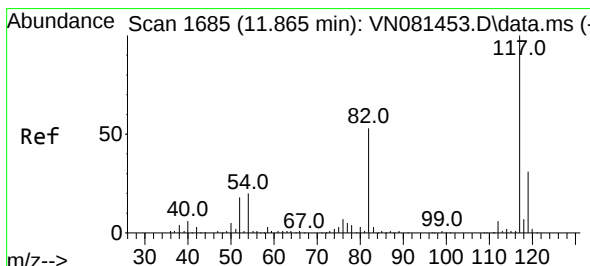
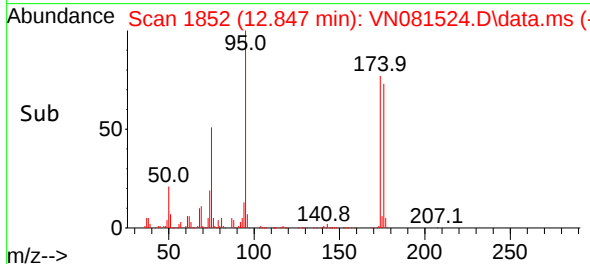
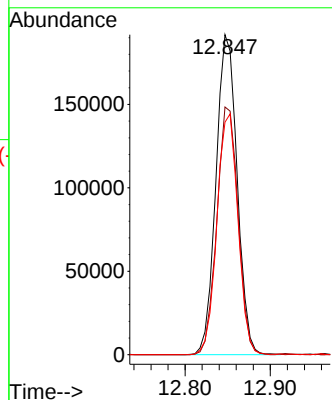
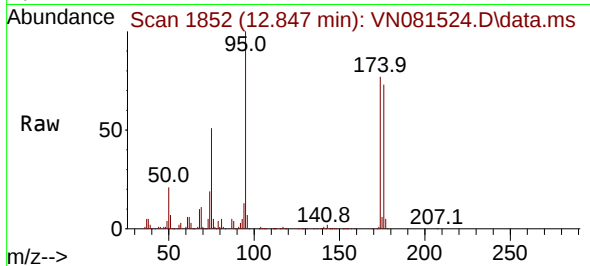




#62
4-Bromofluorobenzene
Concen: 47.300 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

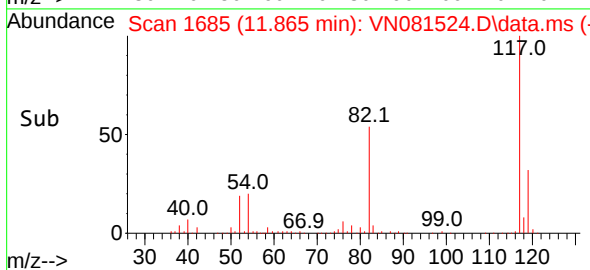
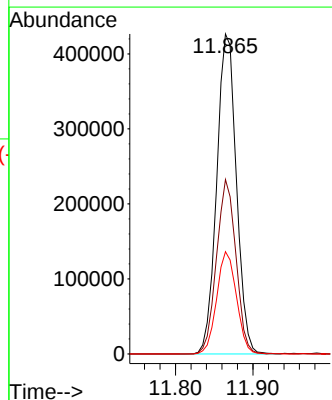
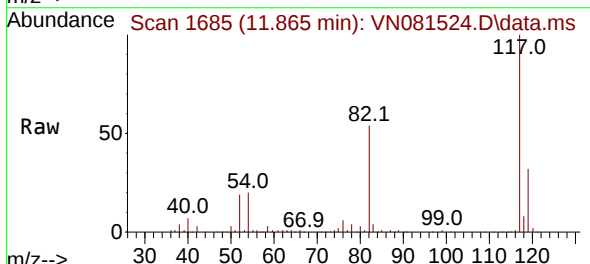
Instrument :
MSVOA_N
ClientSampleId :
S-7

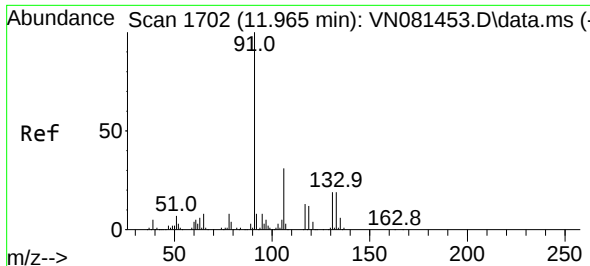
Tgt Ion: 95 Resp: 331153
Ion Ratio Lower Upper
95 100
174 77.8 0.0 120.4
176 74.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

Tgt Ion: 117 Resp: 752181
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 31.9 25.3 37.9





#67

Ethyl Benzene

Concen: 2.182 ug/l

RT: 11.964 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN081524.D

Acq: 21 Mar 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

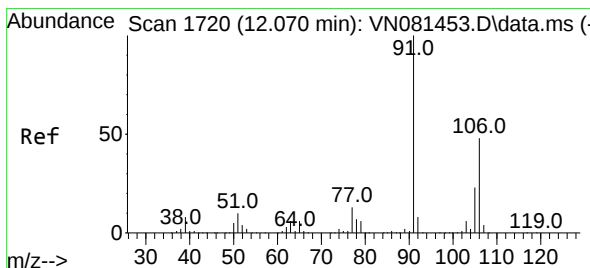
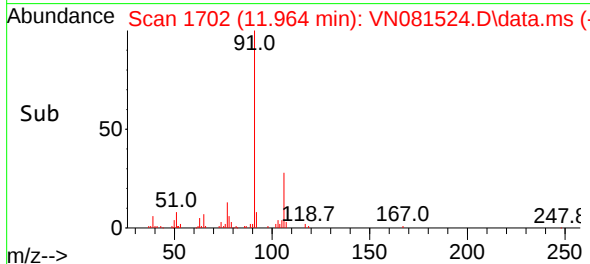
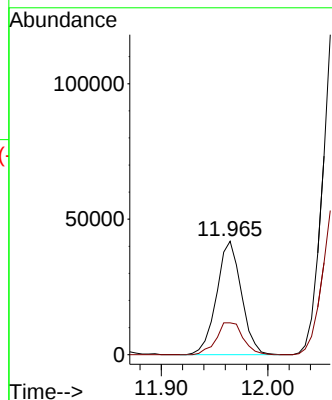
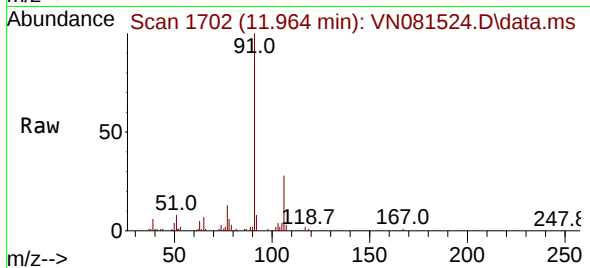
S-7

Tgt Ion: 91 Resp: 67409

Ion Ratio Lower Upper

91 100

106 28.0 23.8 35.6



#68

m/p-Xylenes

Concen: 11.442 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN081524.D

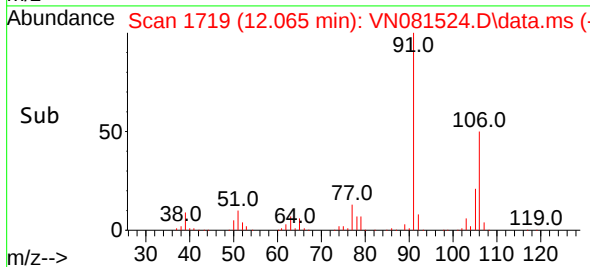
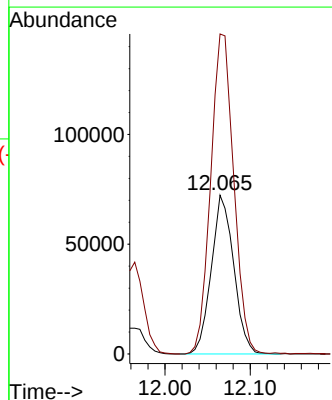
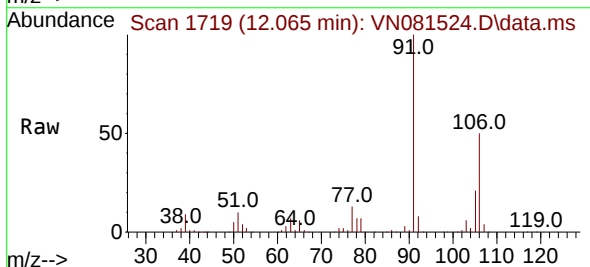
Acq: 21 Mar 2024 17:00

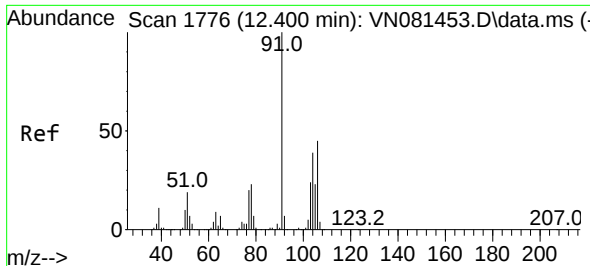
Tgt Ion:106 Resp: 132495

Ion Ratio Lower Upper

106 100

91 207.4 169.0 253.6

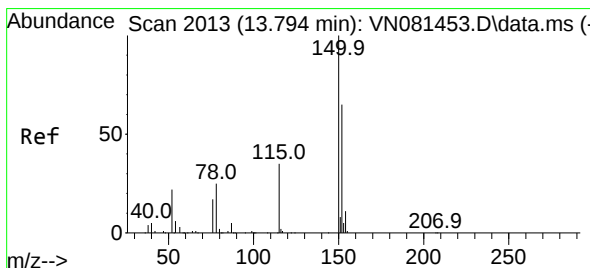
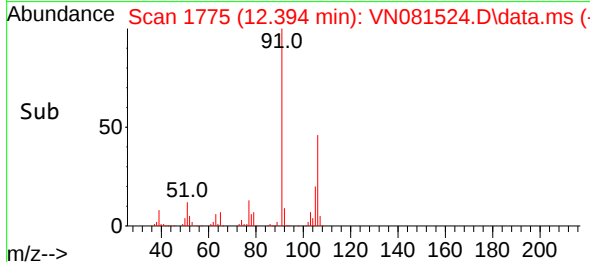
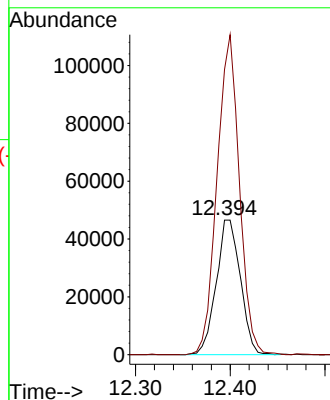
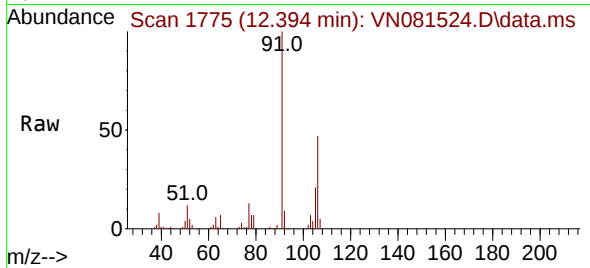




#69
o-Xylene
Concen: 7.253 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

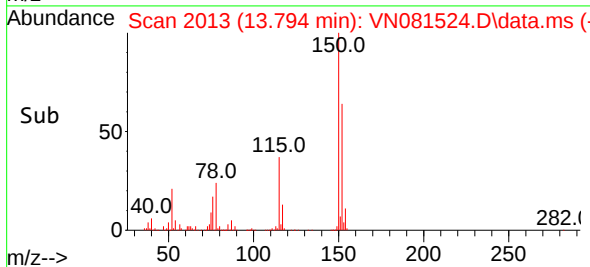
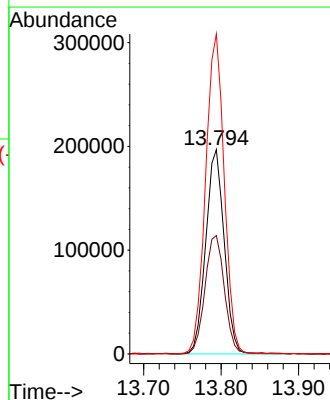
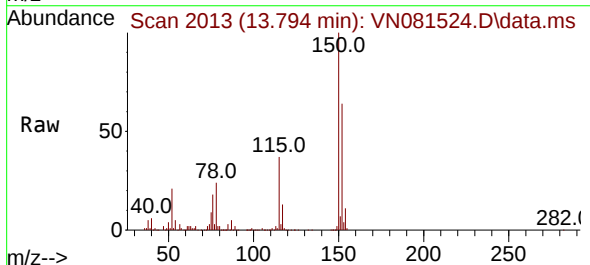
Instrument :
MSVOA_N
ClientSampleId :
S-7

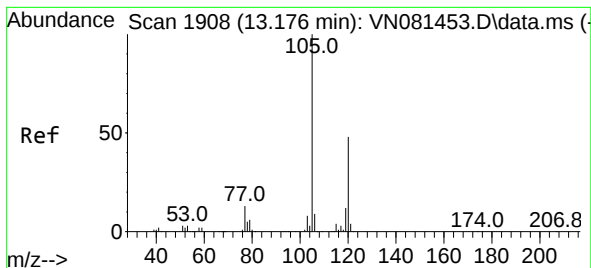
Tgt Ion:106 Resp: 82448
Ion Ratio Lower Upper
106 100
91 220.0 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

Tgt Ion:152 Resp: 325693
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 157.7 0.0 339.8

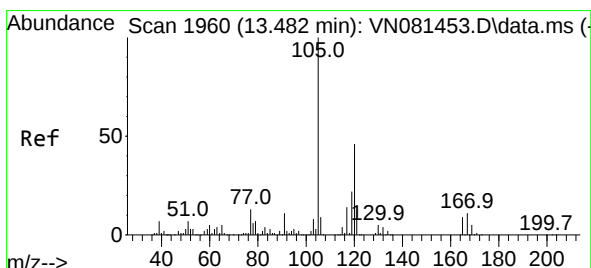
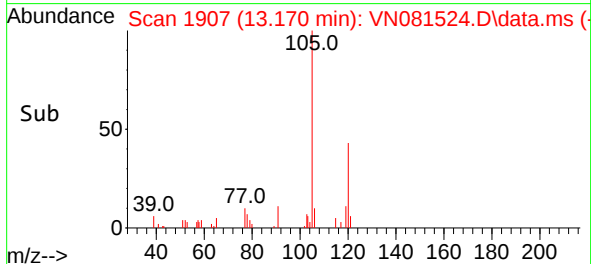
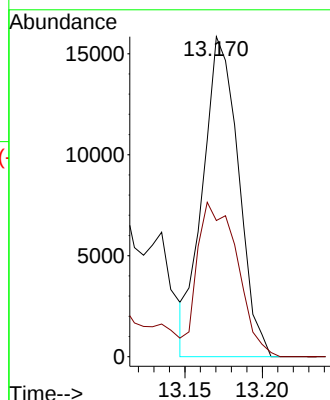
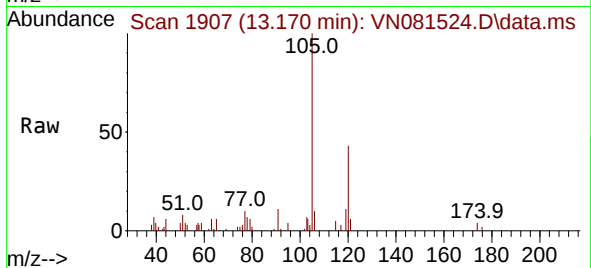




#80
1,3,5-Trimethylbenzene
Concen: 1.108 ug/l
RT: 13.170 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

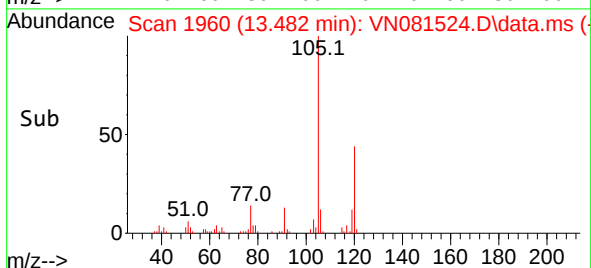
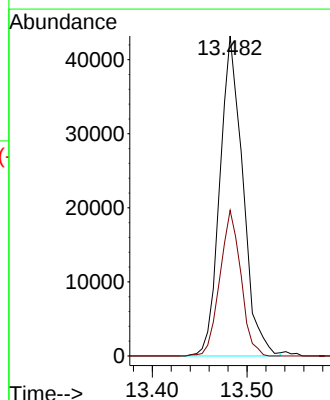
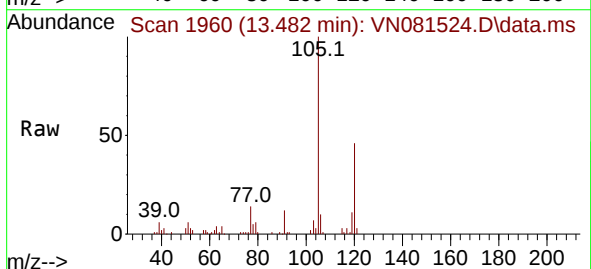
Instrument :
MSVOA_N
ClientSampleId :
S-7

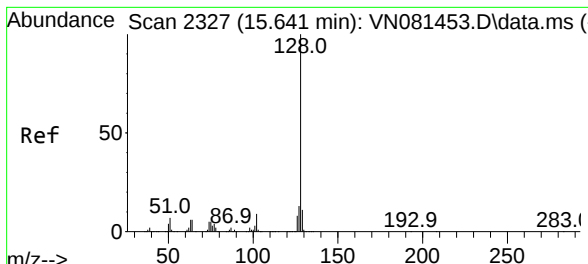
Tgt Ion:105 Resp: 25409
Ion Ratio Lower Upper
105 100
120 54.1 23.0 69.0



#84
1,2,4-Trimethylbenzene
Concen: 3.167 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081524.D
Acq: 21 Mar 2024 17:00

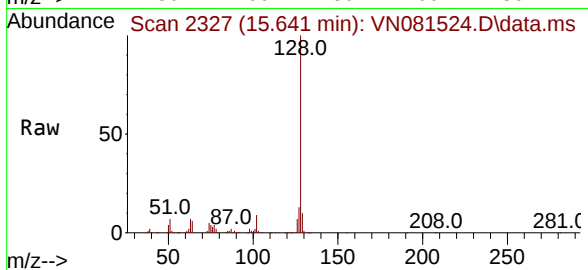
Tgt Ion:105 Resp: 72988
Ion Ratio Lower Upper
105 100
120 41.4 20.9 62.7





#95
 Naphthalene
 Concen: 41.288 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081524.D
 Acq: 21 Mar 2024 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 S-7



Tgt Ion:128 Resp: 938149

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	11.1	8.7	13.1

