

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081858.D
 Acq On : 25 Apr 2024 18:16
 Operator : JC\MD
 Sample : P2257-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 413B

Quant Time: Apr 26 05:39:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	220898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	411548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171581	46.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.040%
35) Dibromofluoromethane	8.165	113	124038	50.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.120%
50) Toluene-d8	10.571	98	507006	52.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.847	95	188474	48.993	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.980%

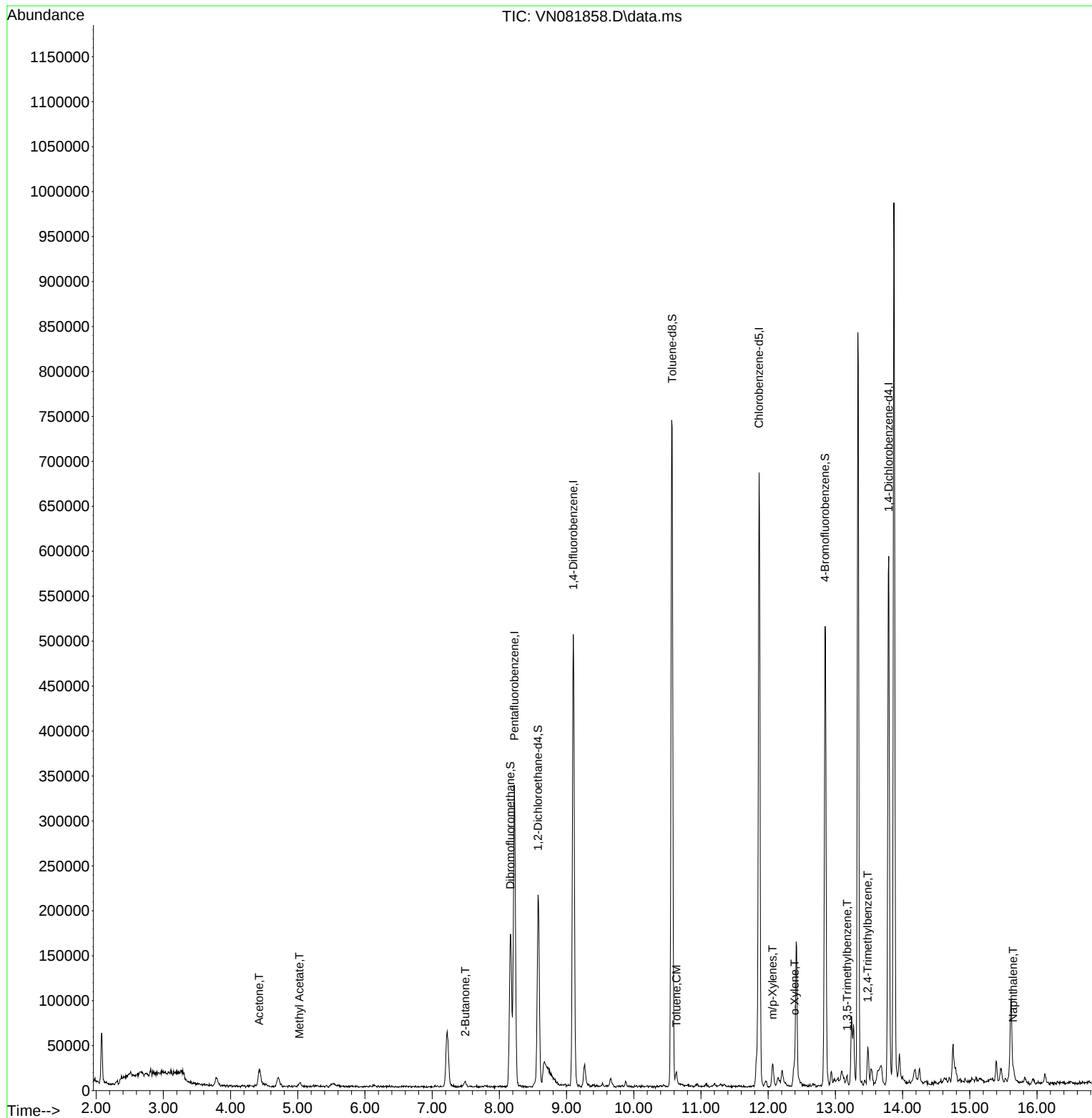
Target Compounds					Qvalue	
16) Acetone	4.424	43	37723	29.393	ug/l #	83
18) Methyl Acetate	5.024	43	8439	2.235	ug/l #	83
25) 2-Butanone	7.494	43	10482	4.954	ug/l	96
52) Toluene	10.635	92	5352	0.739	ug/l	91
68) m/p-Xylenes	12.065	106	7646	1.473	ug/l	94
69) o-Xylene	12.394	106	5058	0.998	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	4555	0.405	ug/l	86
84) 1,2,4-Trimethylbenzene	13.482	105	16819	1.496	ug/l	96
95) Naphthalene	15.647	128	5126	0.487	ug/l #	86

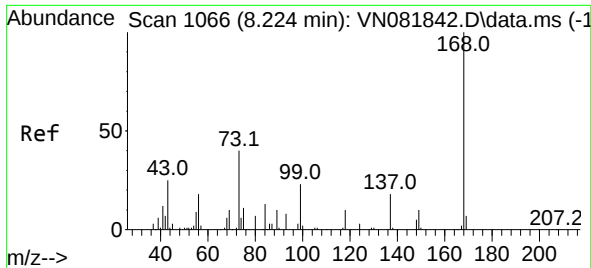
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
Data File : VN081858.D
Acq On : 25 Apr 2024 18:16
Operator : JC\MD
Sample : P2257-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
413B

Quant Time: Apr 26 05:39:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

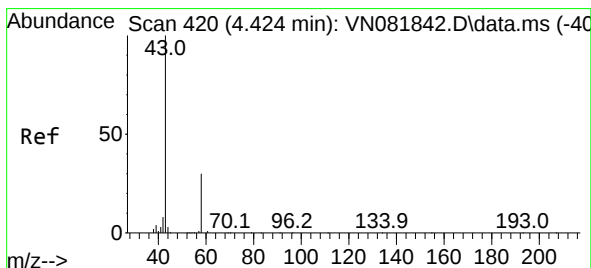
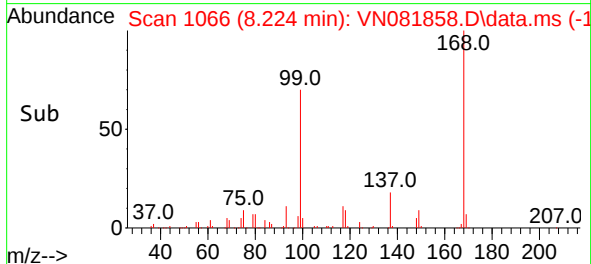
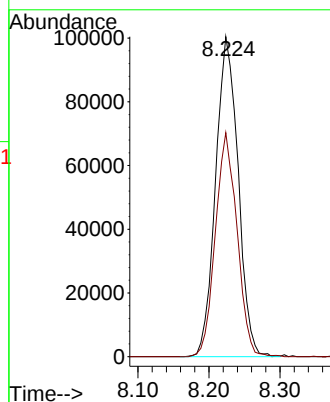
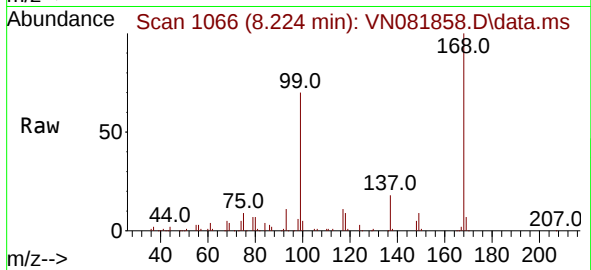




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

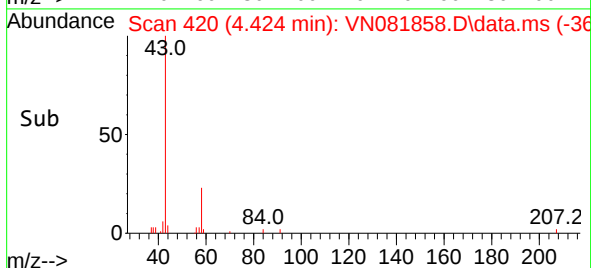
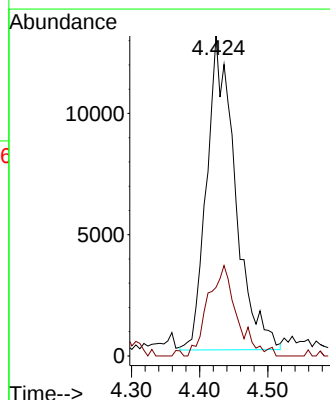
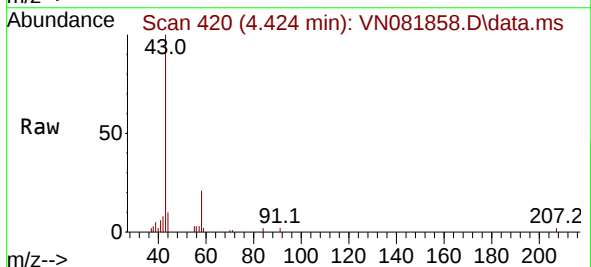
Instrument :
MSVOA_N
ClientSampleId :
413B

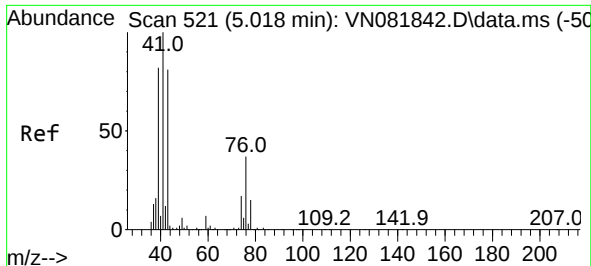
Tgt Ion:168 Resp: 220898
Ion Ratio Lower Upper
168 100
99 70.0 48.2 72.4



#16
Acetone
Concen: 29.393 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

Tgt Ion: 43 Resp: 37723
Ion Ratio Lower Upper
43 100
58 22.1 25.2 37.8#

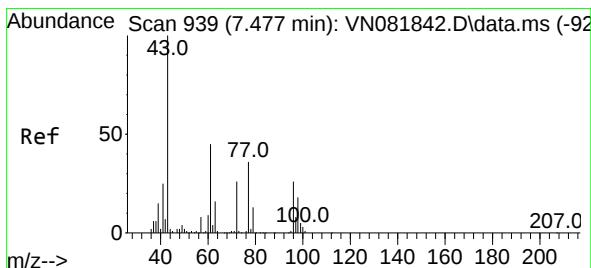
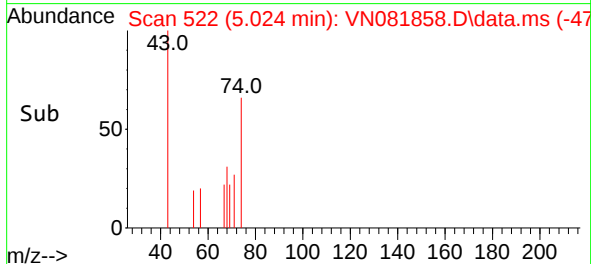
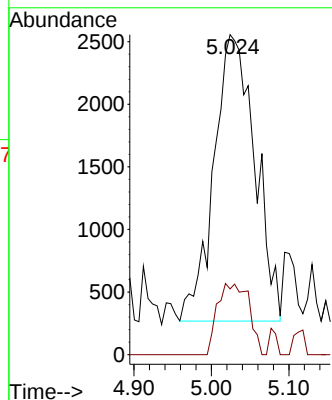
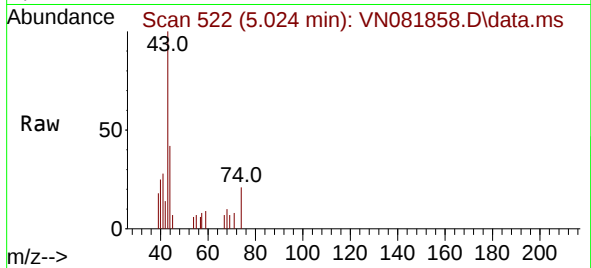




#18
Methyl Acetate
Concen: 2.235 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

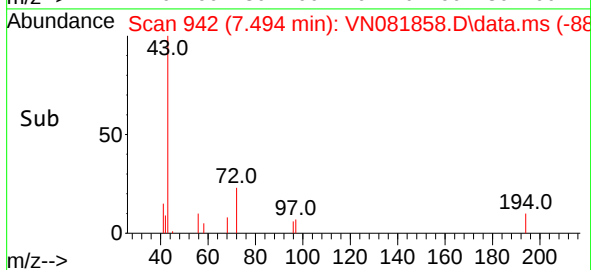
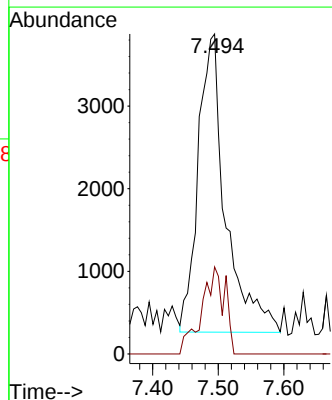
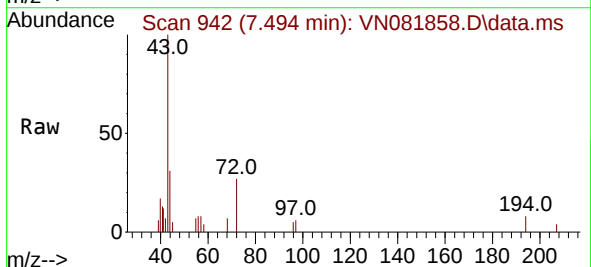
Instrument :
MSVOA_N
ClientSampleId :
413B

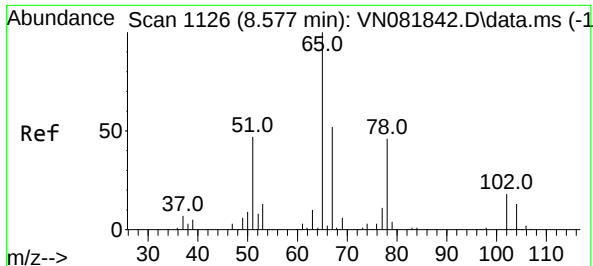
Tgt Ion: 43 Resp: 8439
Ion Ratio Lower Upper
43 100
74 19.0 22.2 33.2#



#25
2-Butanone
Concen: 4.954 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

Tgt Ion: 43 Resp: 10482
Ion Ratio Lower Upper
43 100
72 29.2 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 46.023 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081858.D

Acq: 25 Apr 2024 18:16

Instrument :

MSVOA_N

ClientSampleId :

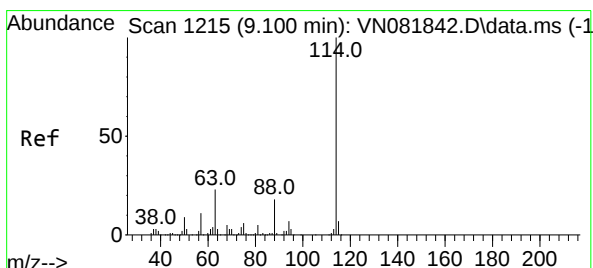
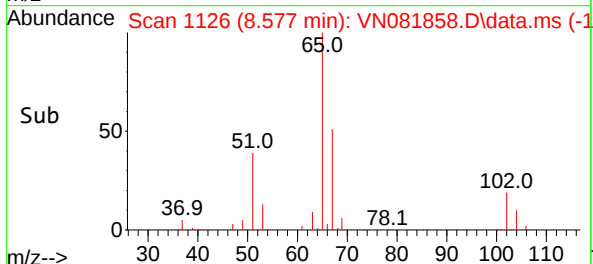
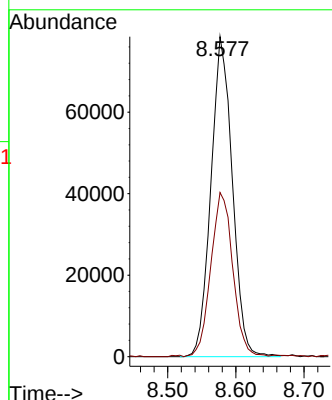
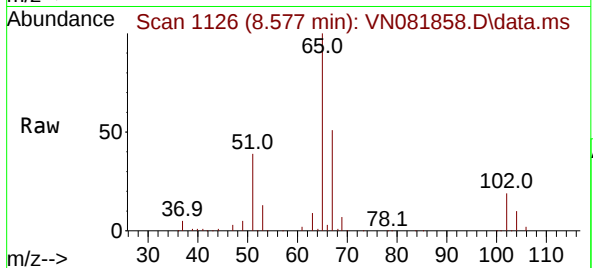
413B

Tgt Ion: 65 Resp: 171581

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081858.D

Acq: 25 Apr 2024 18:16

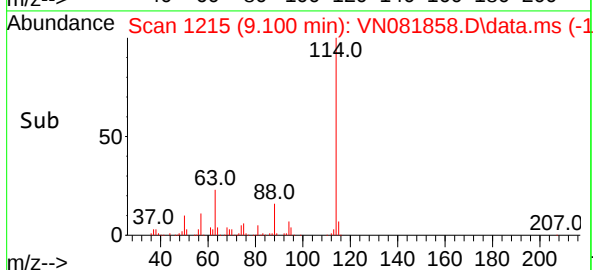
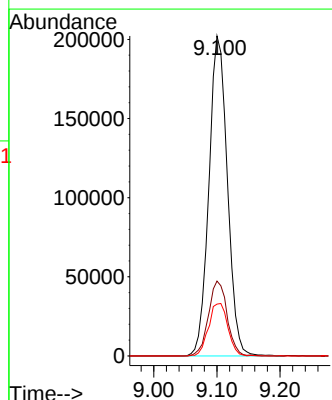
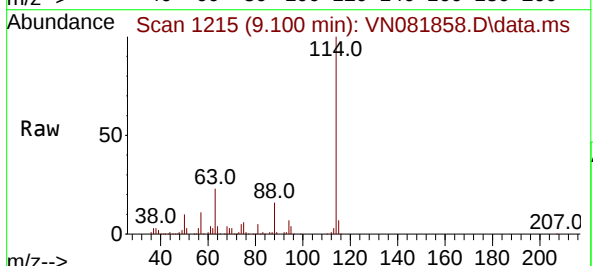
Tgt Ion: 114 Resp: 411548

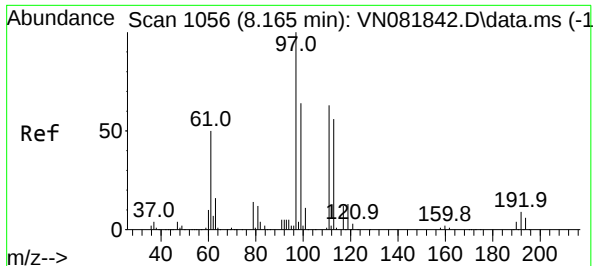
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.058 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081858.D

Acq: 25 Apr 2024 18:16

Instrument :

MSVOA_N

ClientSampleId :

413B

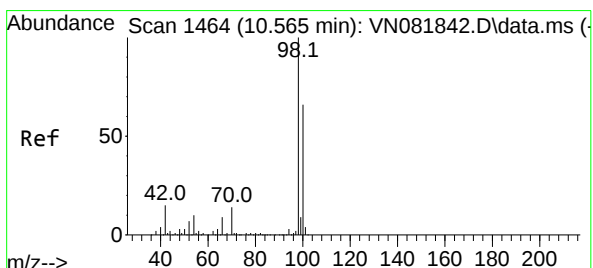
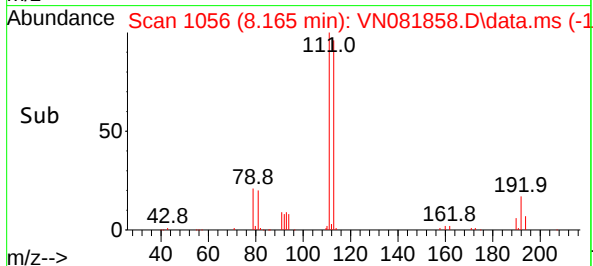
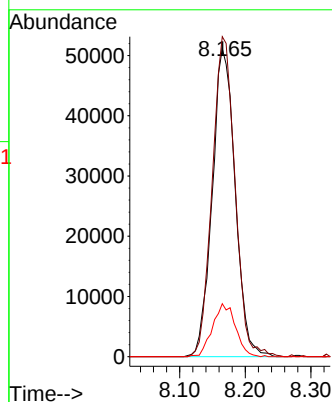
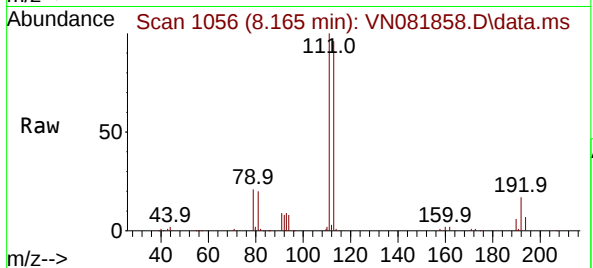
Tgt Ion:113 Resp: 124038

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 17.2 14.0 21.0



#50

Toluene-d8

Concen: 52.099 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081858.D

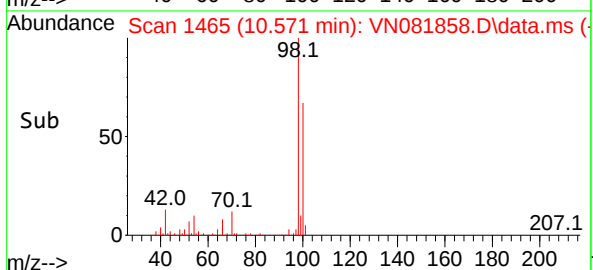
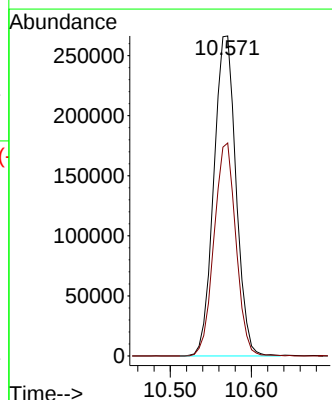
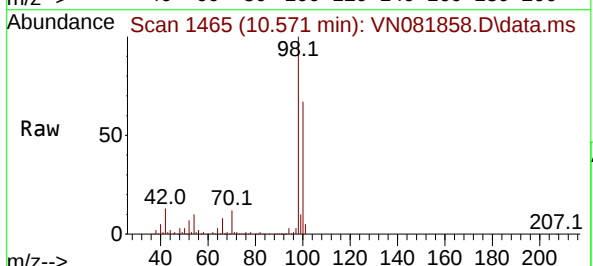
Acq: 25 Apr 2024 18:16

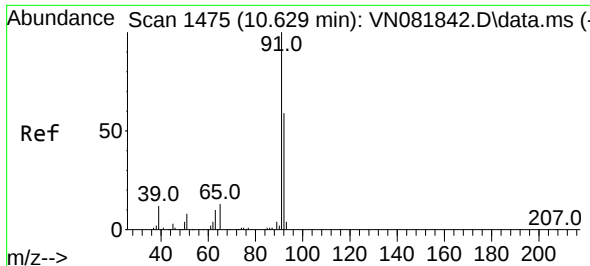
Tgt Ion: 98 Resp: 507006

Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.6

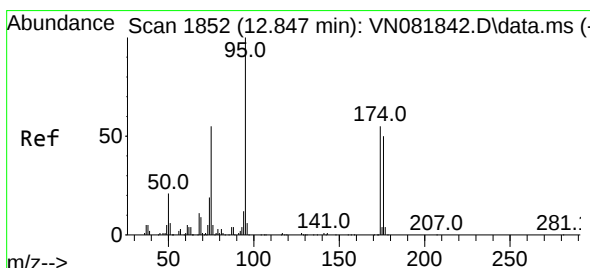
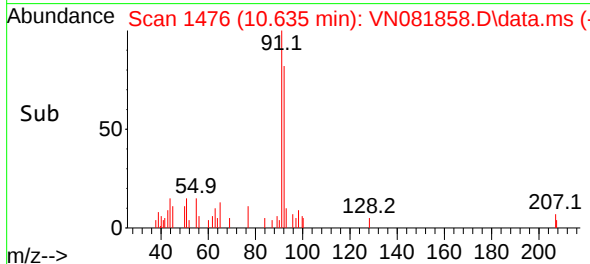
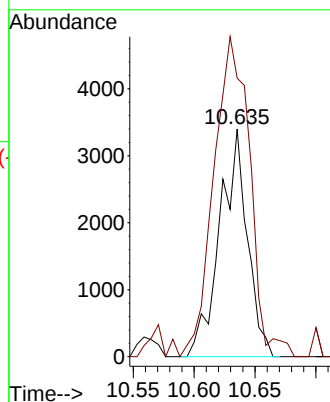
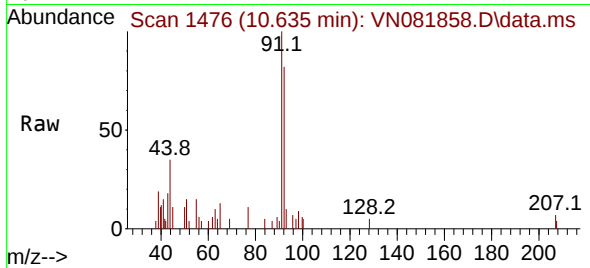




#52
Toluene
Concen: 0.739 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

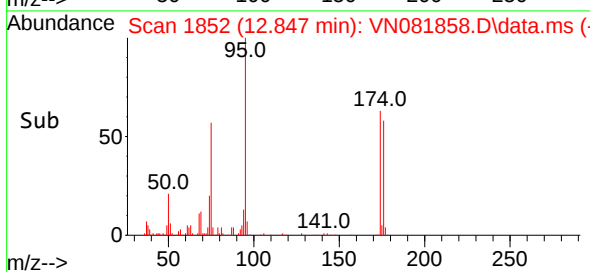
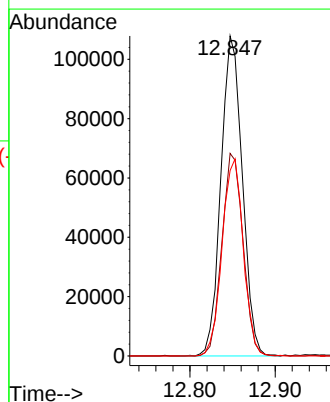
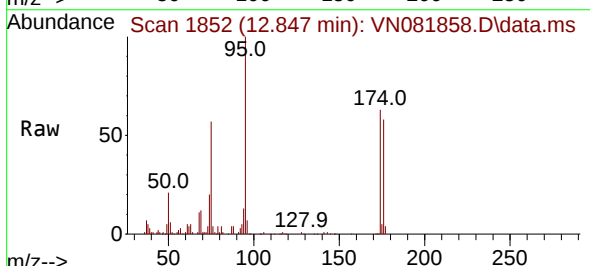
Instrument :
MSVOA_N
ClientSampleId :
413B

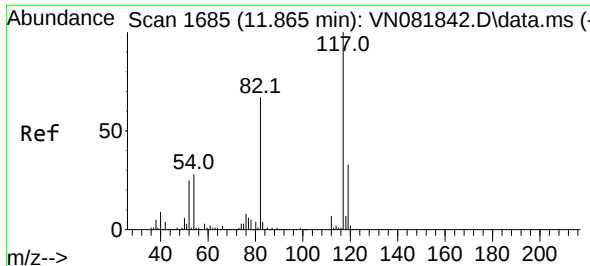
Tgt Ion: 92 Resp: 5352
Ion Ratio Lower Upper
92 100
91 183.0 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 48.993 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

Tgt Ion: 95 Resp: 188474
Ion Ratio Lower Upper
95 100
174 62.4 0.0 160.6
176 60.9 0.0 152.8

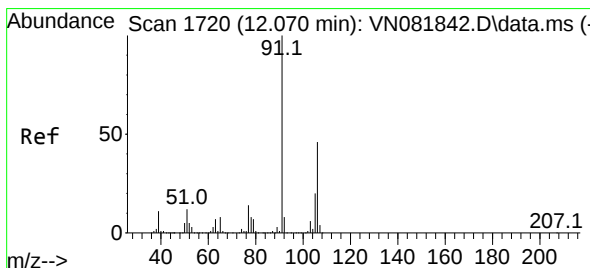
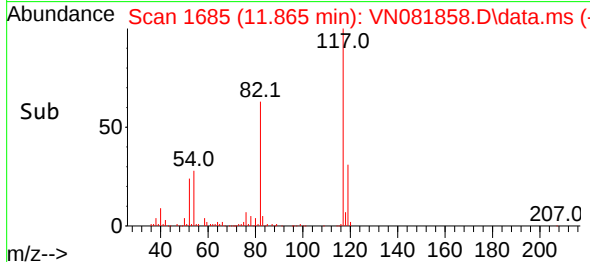
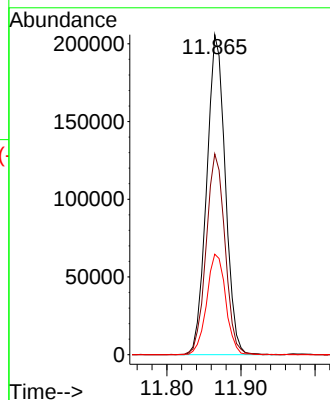
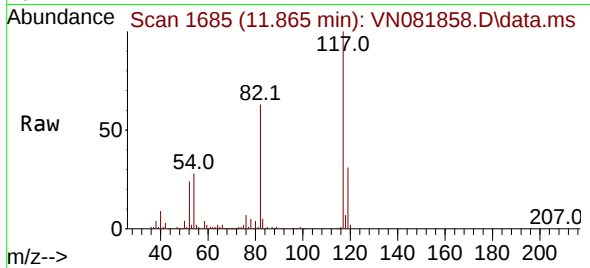




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11719
Delta R.T. 0.000 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

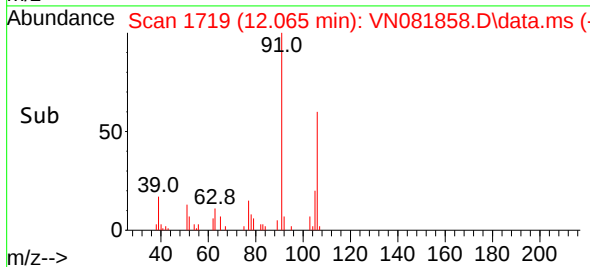
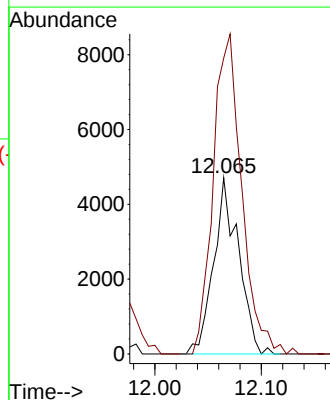
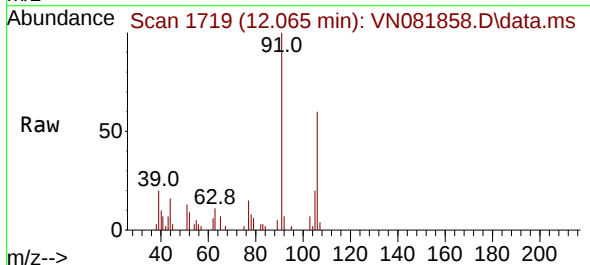
Instrument :
MSVOA_N
ClientSampleId :
413B

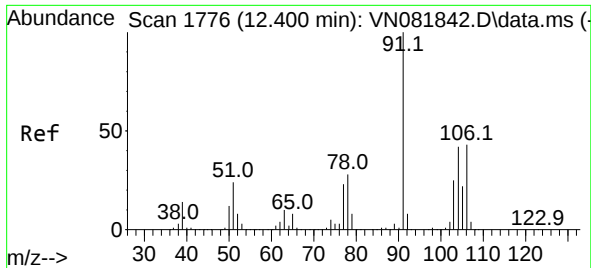
Tgt Ion:117 Resp: 358388
Ion Ratio Lower Upper
117 100
82 62.7 44.6 66.8
119 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 1.473 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

Tgt Ion:106 Resp: 7646
Ion Ratio Lower Upper
106 100
91 208.3 159.4 239.0

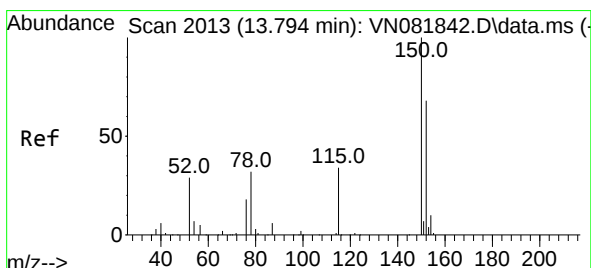
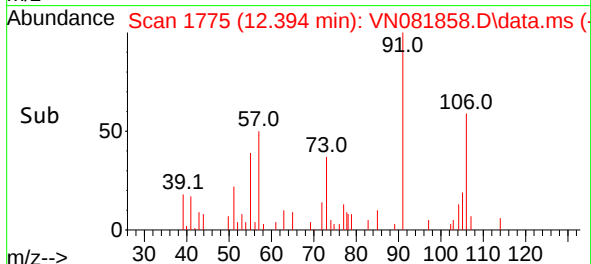
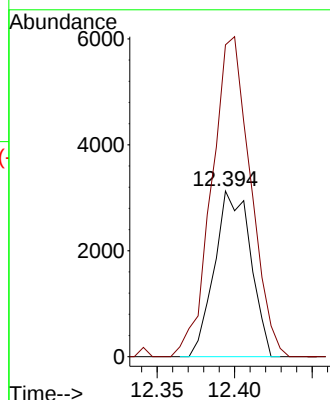
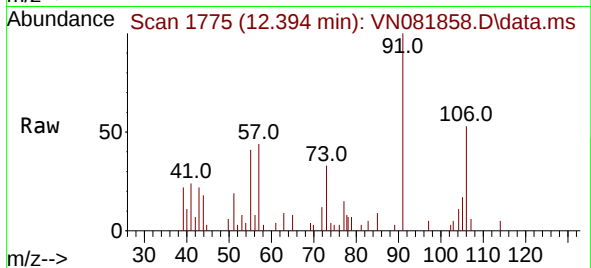




#69
o-Xylene
Concen: 0.998 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

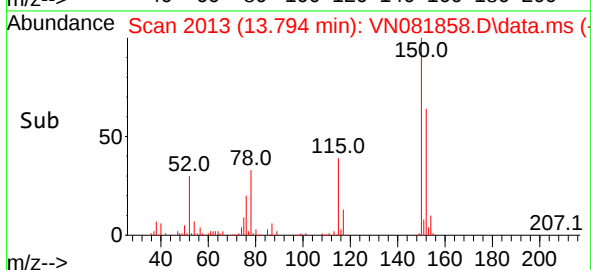
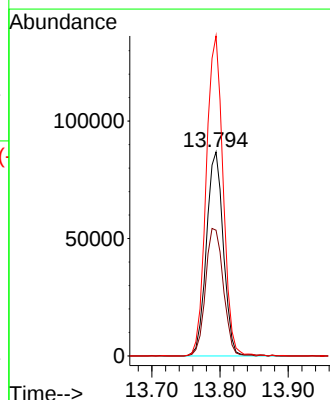
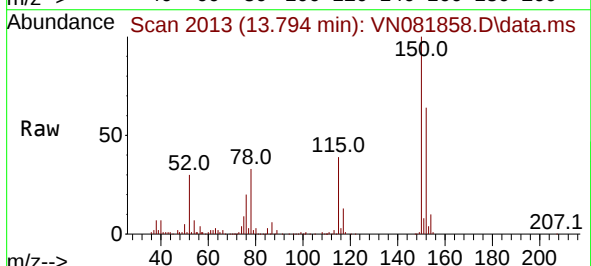
Instrument :
MSVOA_N
ClientSampleId :
413B

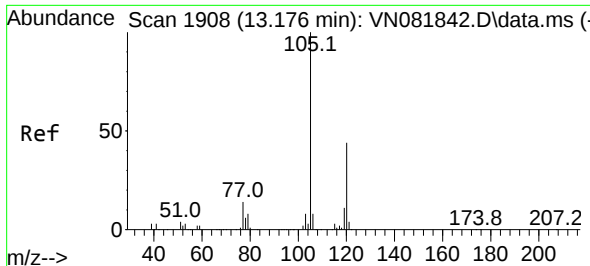
Tgt Ion:106 Resp: 5058
Ion Ratio Lower Upper
106 100
91 207.6 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

Tgt Ion:152 Resp: 149618
Ion Ratio Lower Upper
152 100
115 65.9 30.4 91.3
150 156.2 0.0 353.2

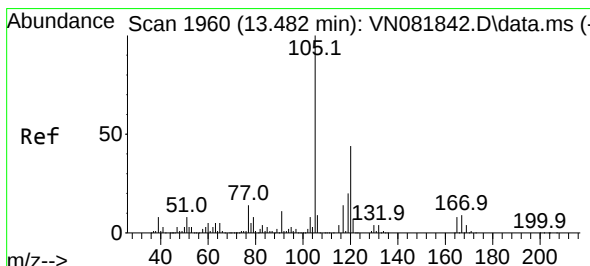
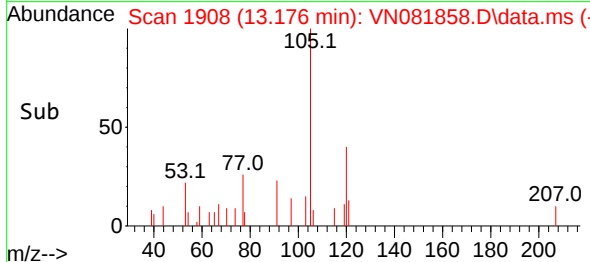
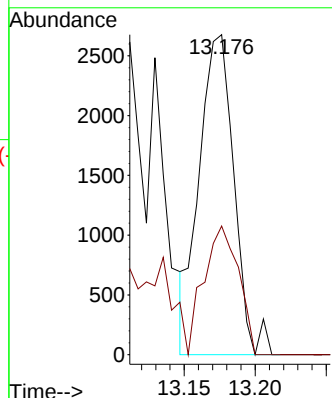
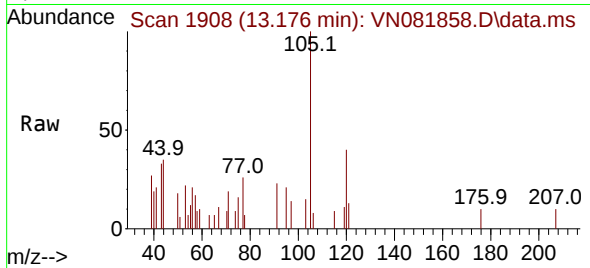




#80
 1,3,5-Trimethylbenzene
 Concen: 0.405 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081858.D
 Acq: 25 Apr 2024 18:16

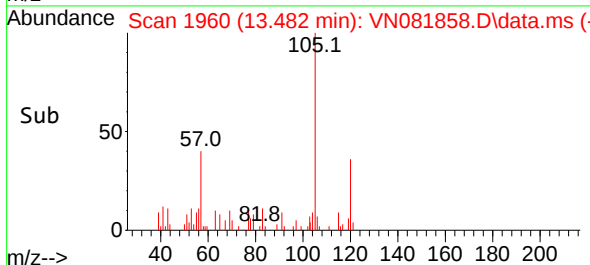
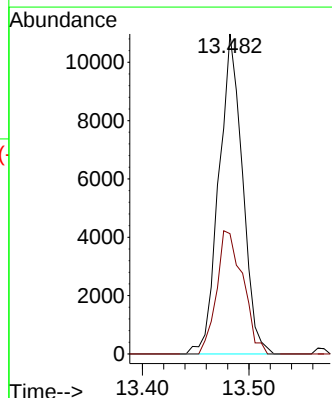
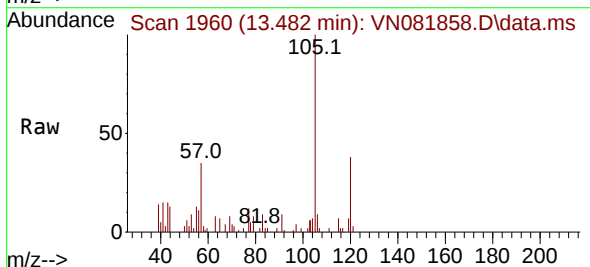
Instrument :
 MSVOA_N
 ClientSampleId :
 413B

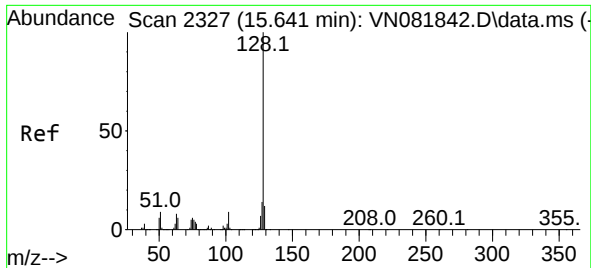
Tgt Ion:105 Resp: 4555
 Ion Ratio Lower Upper
 105 100
 120 40.2 24.8 74.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.496 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081858.D
 Acq: 25 Apr 2024 18:16

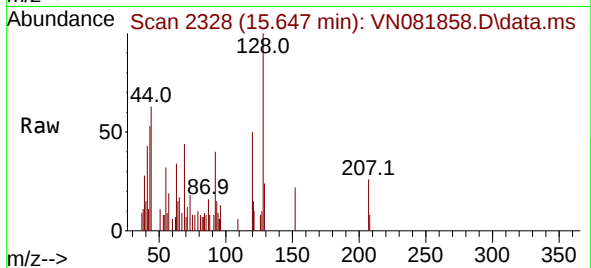
Tgt Ion:105 Resp: 16819
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.9 68.7





#95
Naphthalene
Concen: 0.487 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081858.D
Acq: 25 Apr 2024 18:16

Instrument :
MSVOA_N
ClientSampleId :
413B



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	22.1	8.9	13.3

