

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082993.D
 Acq On : 19 Jul 2024 16:59
 Operator : JC\MD
 Sample : P3306-05DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A1285DL

Quant Time: Jul 22 02:07:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

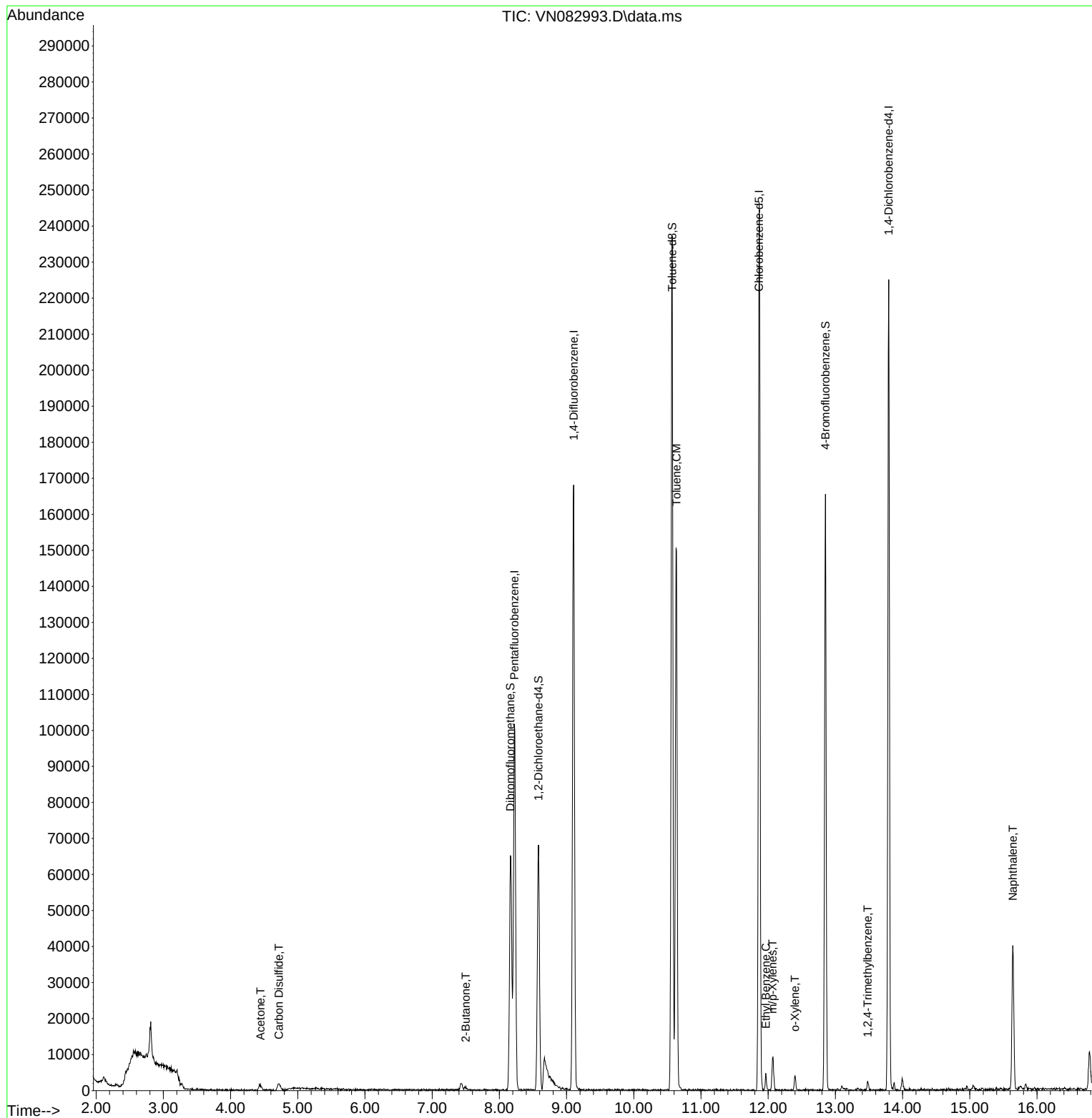
Internal Standards						
1) Pentafluorobenzene	8.224	168	71204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	140509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	137352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	55589	55.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.380%
35) Dibromofluoromethane	8.165	113	46223	51.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.540%
50) Toluene-d8	10.570	98	159126	47.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.853	95	50700	42.384	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	84.760%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	3071	8.739	ug/l	94
17) Carbon Disulfide	4.718	76	3634	1.673	ug/l #	68
25) 2-Butanone	7.500	43	1241	2.339	ug/l #	73
52) Toluene	10.635	92	65961	27.615	ug/l	98
67) Ethyl Benzene	11.965	91	3003	0.607	ug/l	97
68) m/p-Xylenes	12.065	106	3046	1.631	ug/l	100
69) o-Xylene	12.400	106	1405	0.785	ug/l	81
84) 1,2,4-Trimethylbenzene	13.482	105	1868	0.542	ug/l	95
95) Naphthalene	15.641	128	38680	11.083	ug/l	98

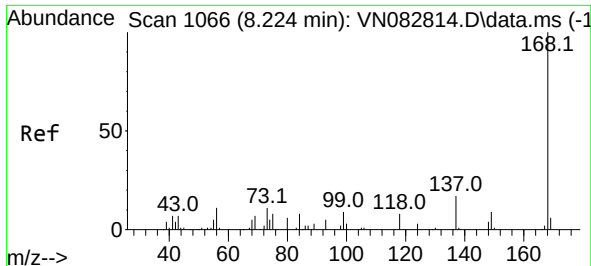
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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A1285DL

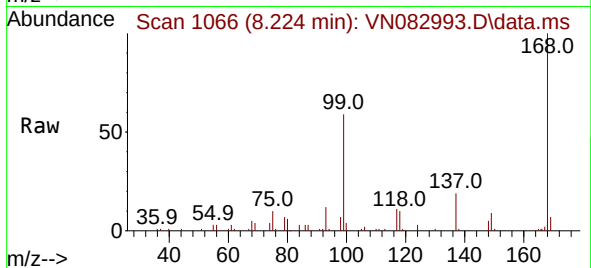
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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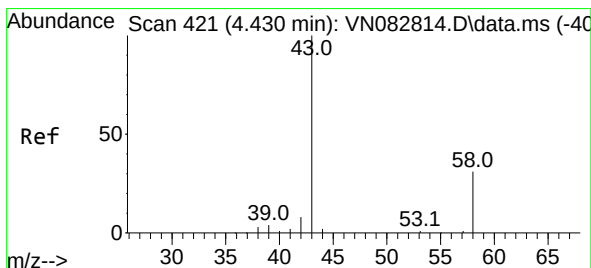
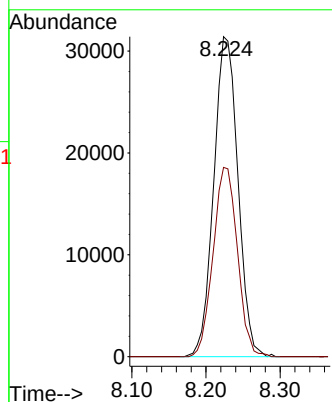
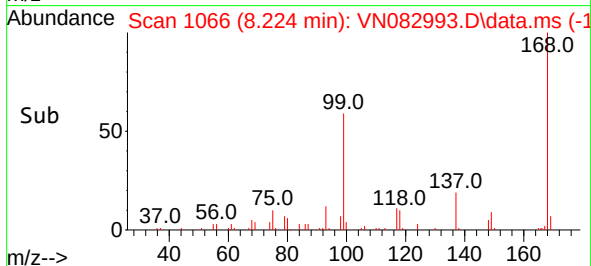


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
A1285DL

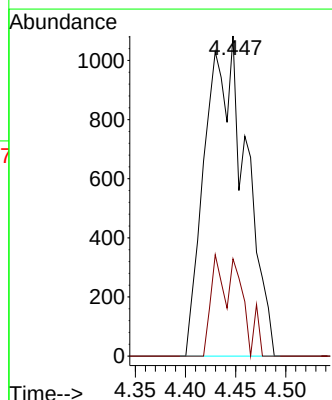
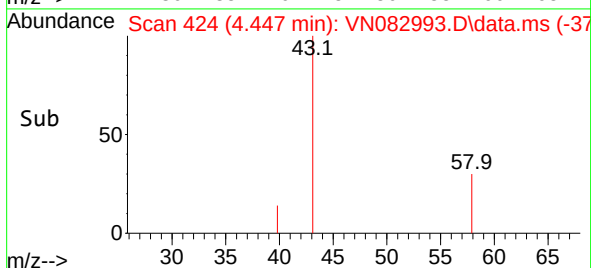
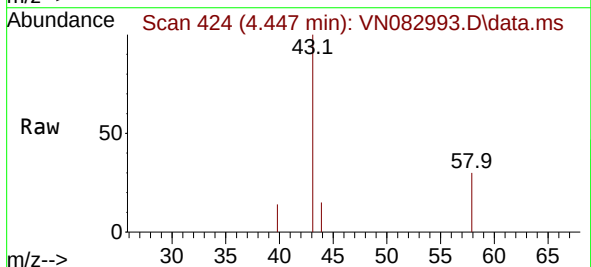


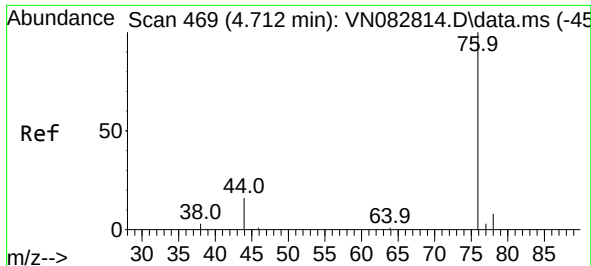
Tgt Ion:168 Resp: 71204
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#16
Acetone
Concen: 8.739 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

Tgt Ion: 43 Resp: 3071
Ion Ratio Lower Upper
43 100
58 30.4 21.8 32.6

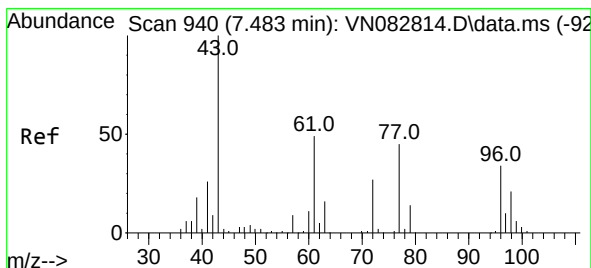
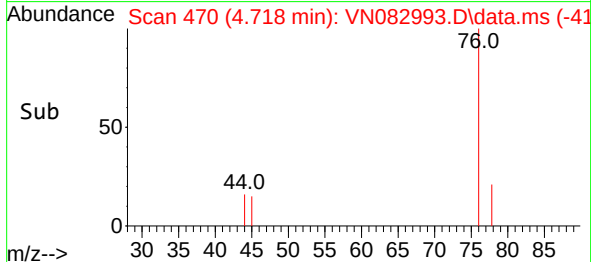
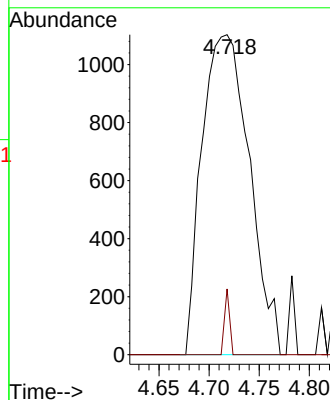
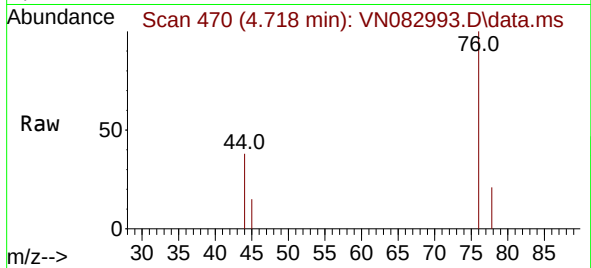




#17
Carbon Disulfide
Concen: 1.673 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

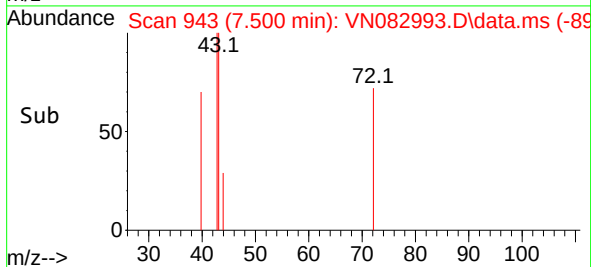
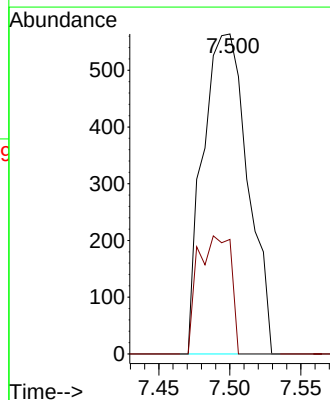
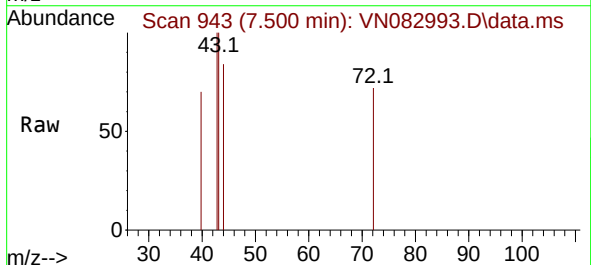
Instrument :
MSVOA_N
ClientSampleId :
A1285DL

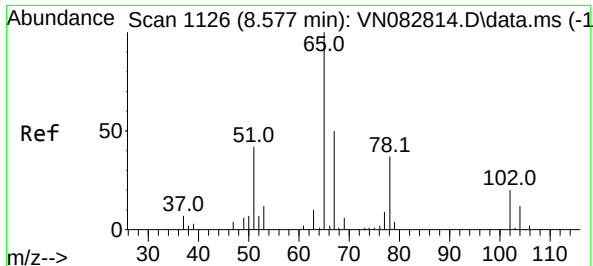
Tgt Ion: 76 Resp: 3634
Ion Ratio Lower Upper
76 100
78 20.6 7.2 10.8#



#25
2-Butanone
Concen: 2.339 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
72 35.8 18.2 27.2#





#33

1,2-Dichloroethane-d4

Concen: 55.693 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082993.D

Acq: 19 Jul 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

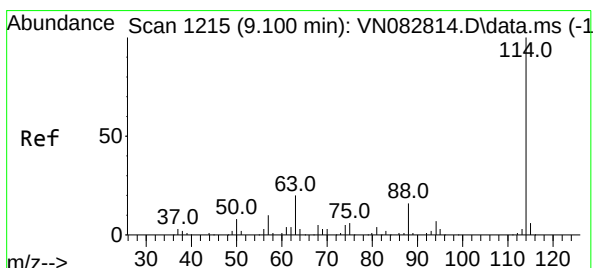
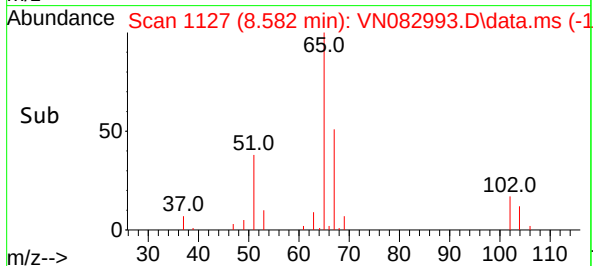
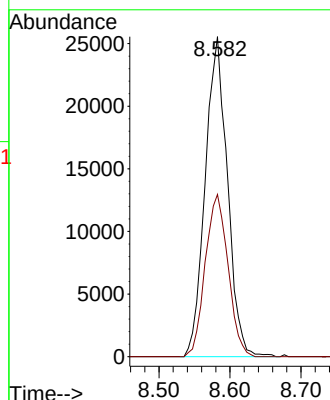
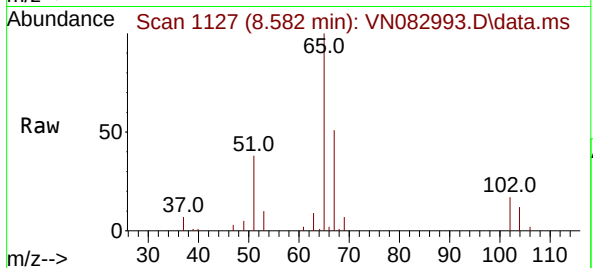
A1285DL

Tgt Ion: 65 Resp: 55589

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082993.D

Acq: 19 Jul 2024 16:59

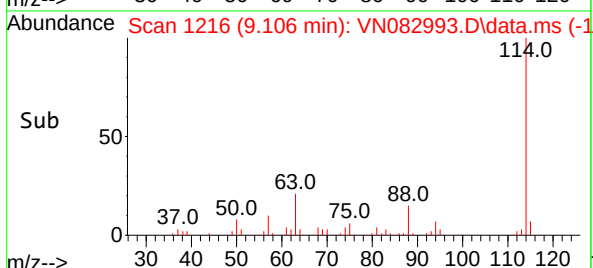
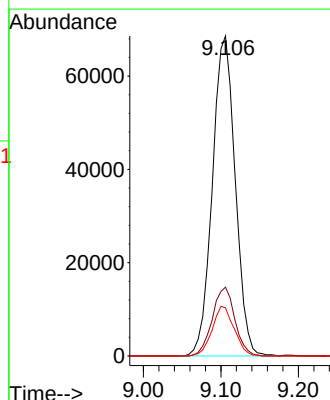
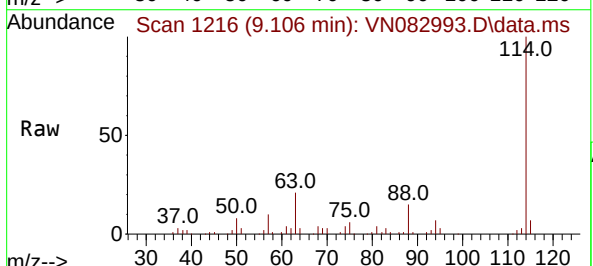
Tgt Ion: 114 Resp: 140509

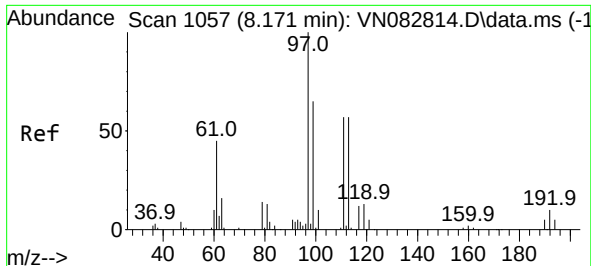
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 15.1 0.0 31.4

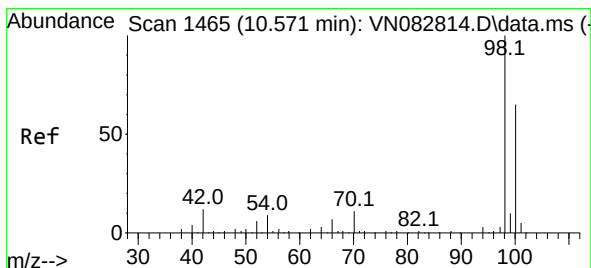
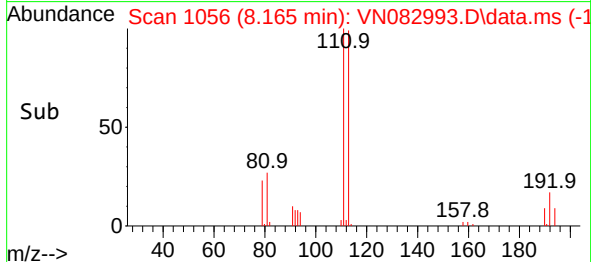
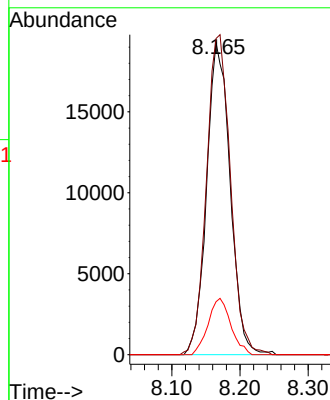
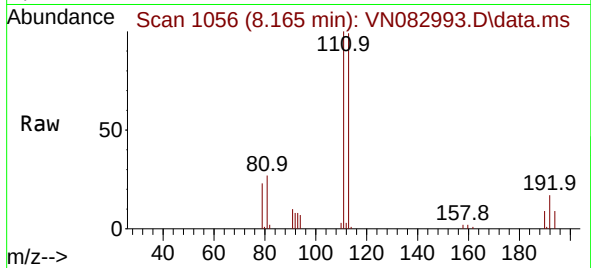




#35
Dibromofluoromethane
Concen: 51.267 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

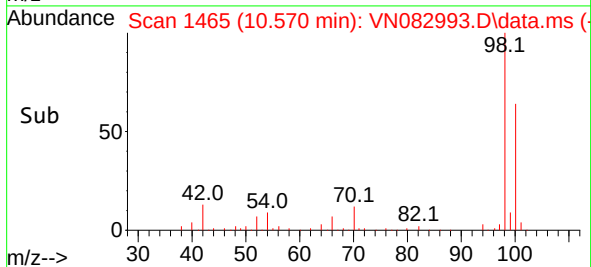
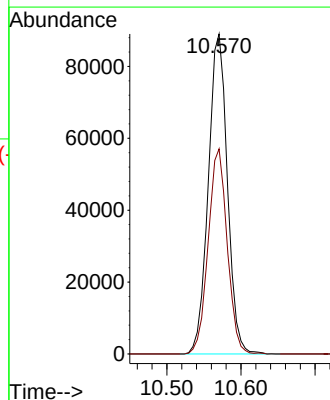
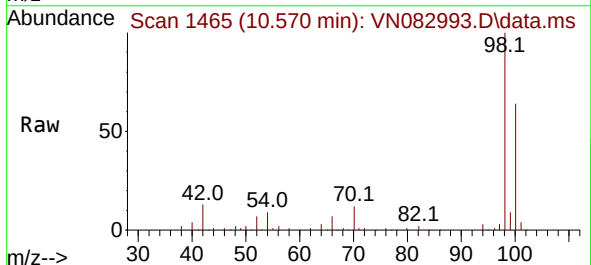
Instrument :
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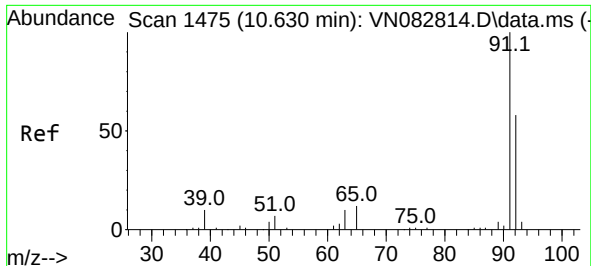
Tgt Ion:113 Resp: 46223
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 17.4 14.9 22.3



#50
Toluene-d8
Concen: 47.784 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

Tgt Ion: 98 Resp: 159126
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

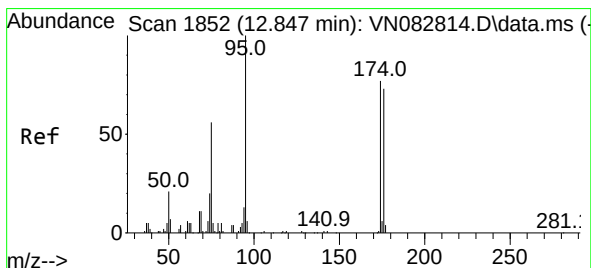
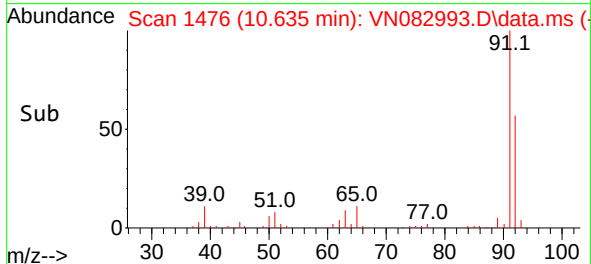
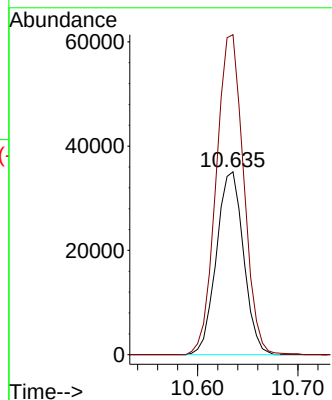
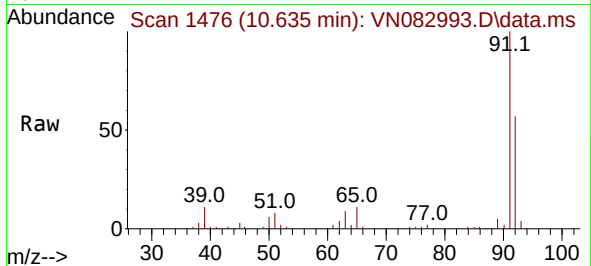




#52
Toluene
Concen: 27.615 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

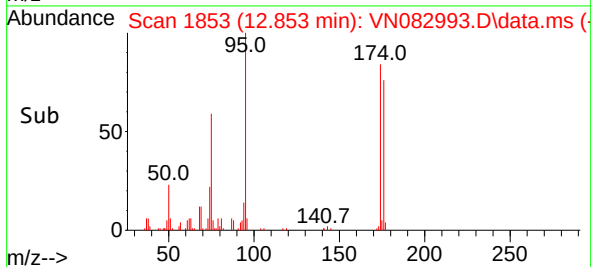
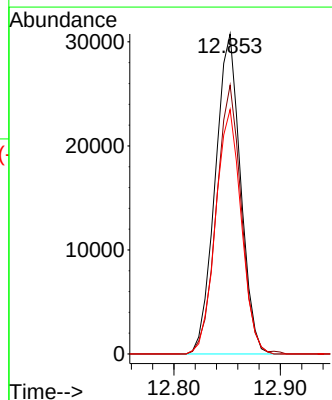
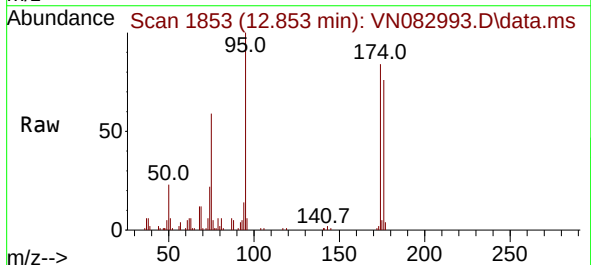
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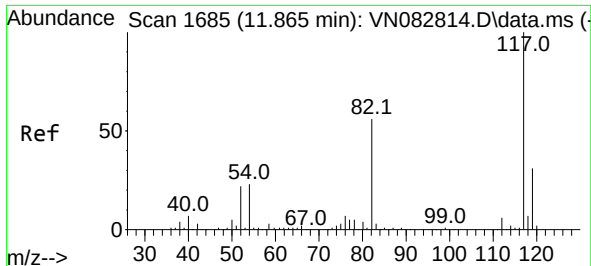
Tgt Ion: 92 Resp: 65961
Ion Ratio Lower Upper
92 100
91 177.6 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 42.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

Tgt Ion: 95 Resp: 50700
Ion Ratio Lower Upper
95 100
174 82.7 0.0 159.2
176 77.5 0.0 147.6

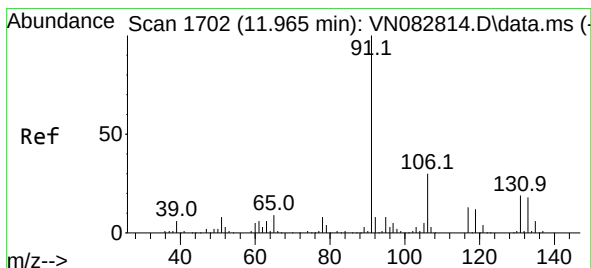
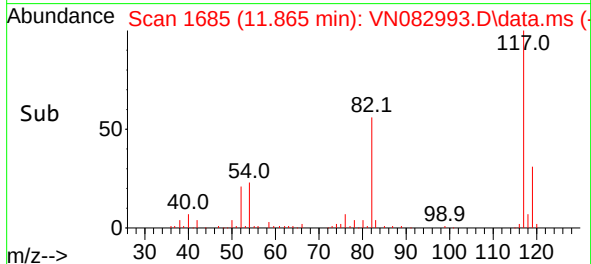
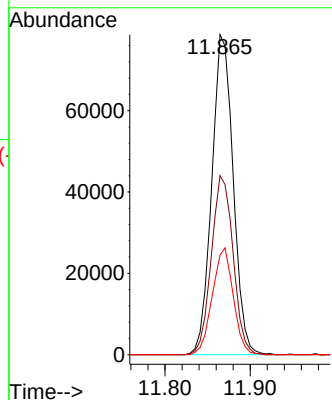
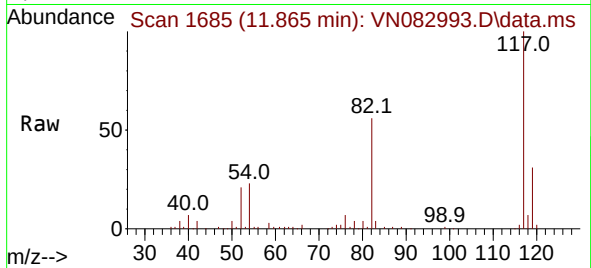




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.005 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

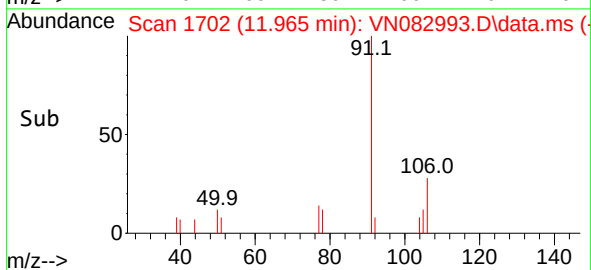
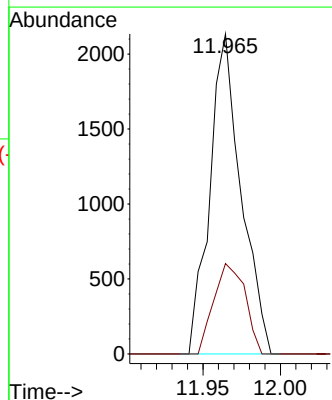
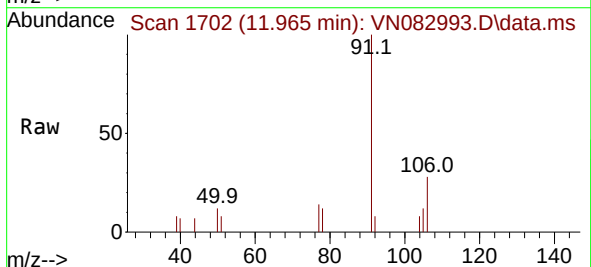
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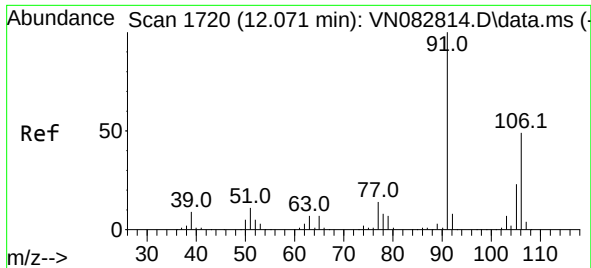
Tgt Ion:117 Resp: 137352
Ion Ratio Lower Upper
117 100
82 55.9 47.5 71.3
119 31.1 25.6 38.4



#67
Ethyl Benzene
Concen: 0.607 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

Tgt Ion: 91 Resp: 3003
Ion Ratio Lower Upper
91 100
106 28.3 24.0 36.0

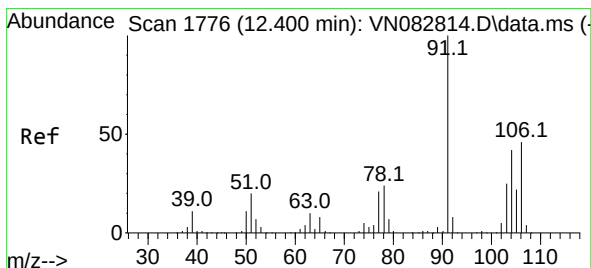
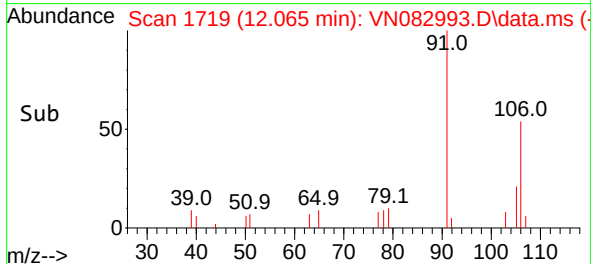
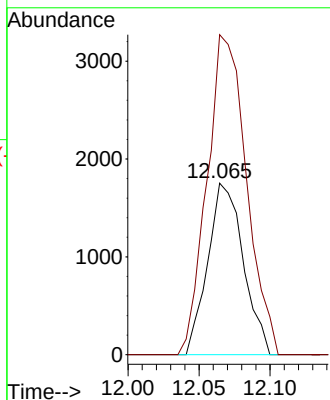
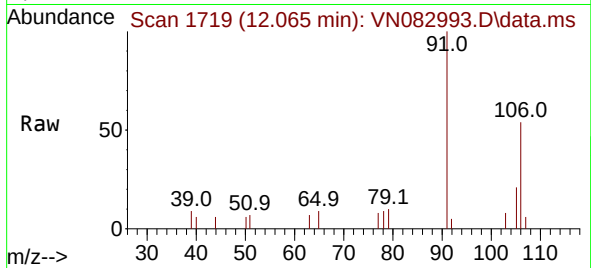




#68
m/p-Xylenes
Concen: 1.631 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

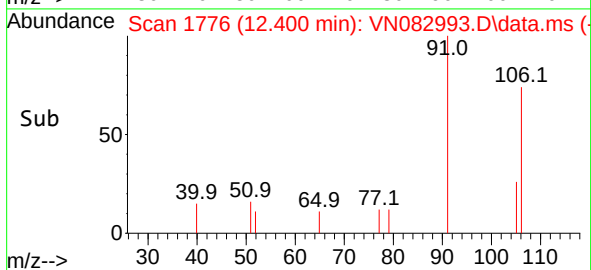
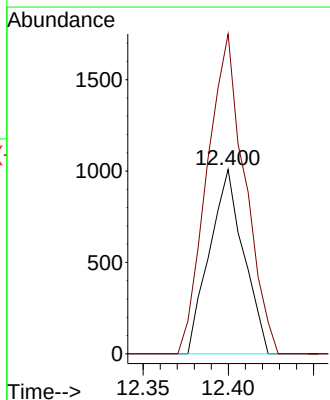
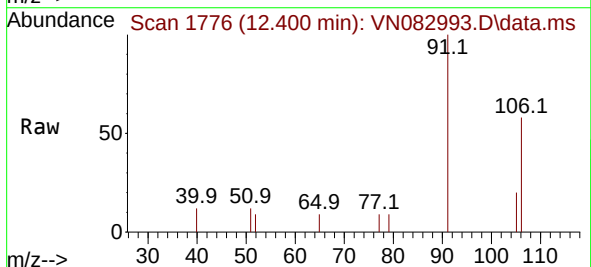
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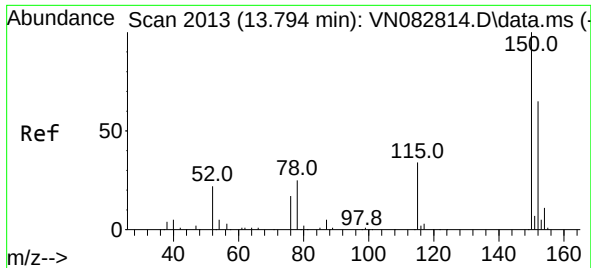
Tgt Ion:106 Resp: 3046
Ion Ratio Lower Upper
106 100
91 207.6 166.1 249.1



#69
o-Xylene
Concen: 0.785 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

Tgt Ion:106 Resp: 1405
Ion Ratio Lower Upper
106 100
91 192.4 111.3 333.9

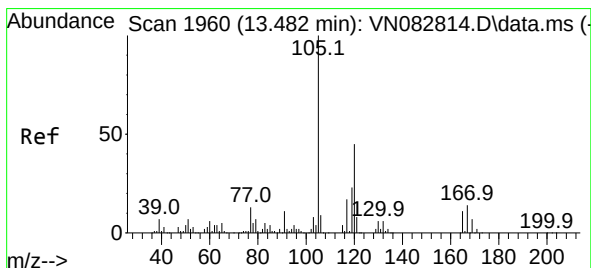
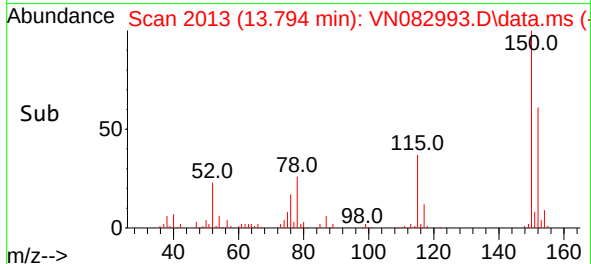
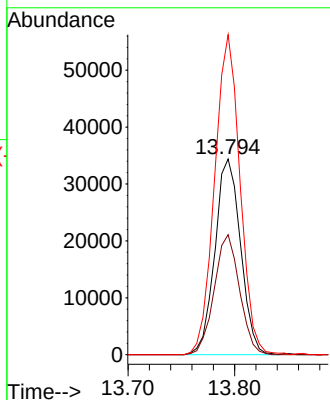
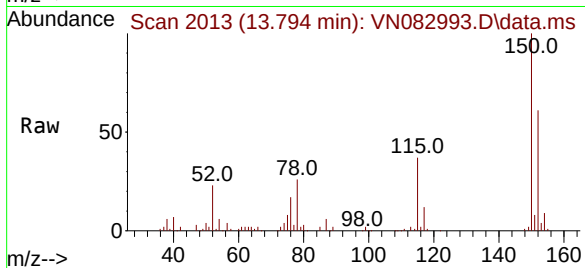




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082993.D
 Acq: 19 Jul 2024 16:59

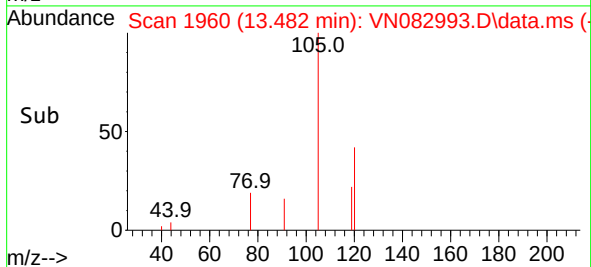
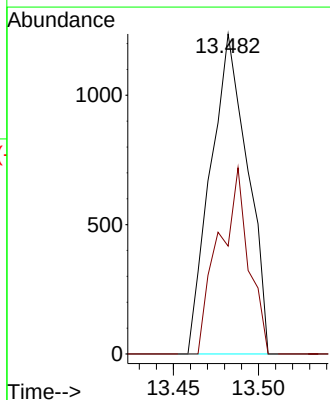
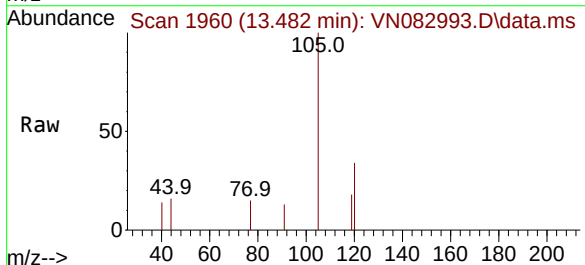
Instrument :
 MSVOA_N
 ClientSampleId :
 A1285DL

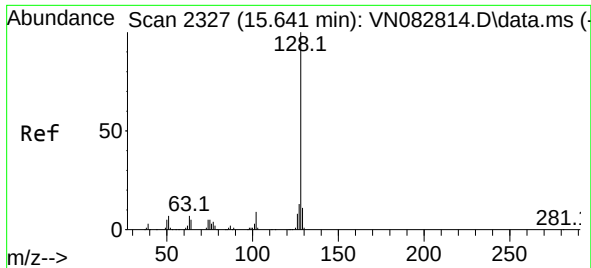
Tgt Ion:152 Resp: 57534
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.6 91.6
 150 161.5 0.0 348.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.542 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082993.D
 Acq: 19 Jul 2024 16:59

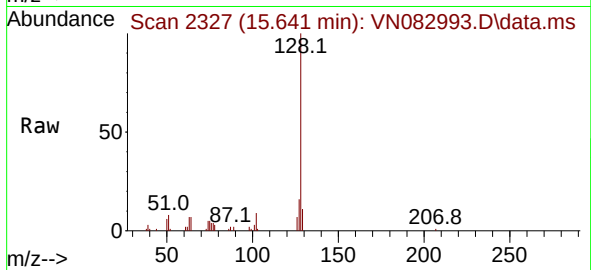
Tgt Ion:105 Resp: 1868
 Ion Ratio Lower Upper
 105 100
 120 47.1 21.9 65.8





#95
Naphthalene
Concen: 11.083 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082993.D
Acq: 19 Jul 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
A1285DL



Tgt Ion:	128	Resp:	38680
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.6	16.0
129	10.7	8.6	12.8

