

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081481.D
 Acq On : 19 Mar 2024 19:20
 Operator : JC\MD
 Sample : P1772-02
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1276

Quant Time: Mar 20 01:23:29 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)

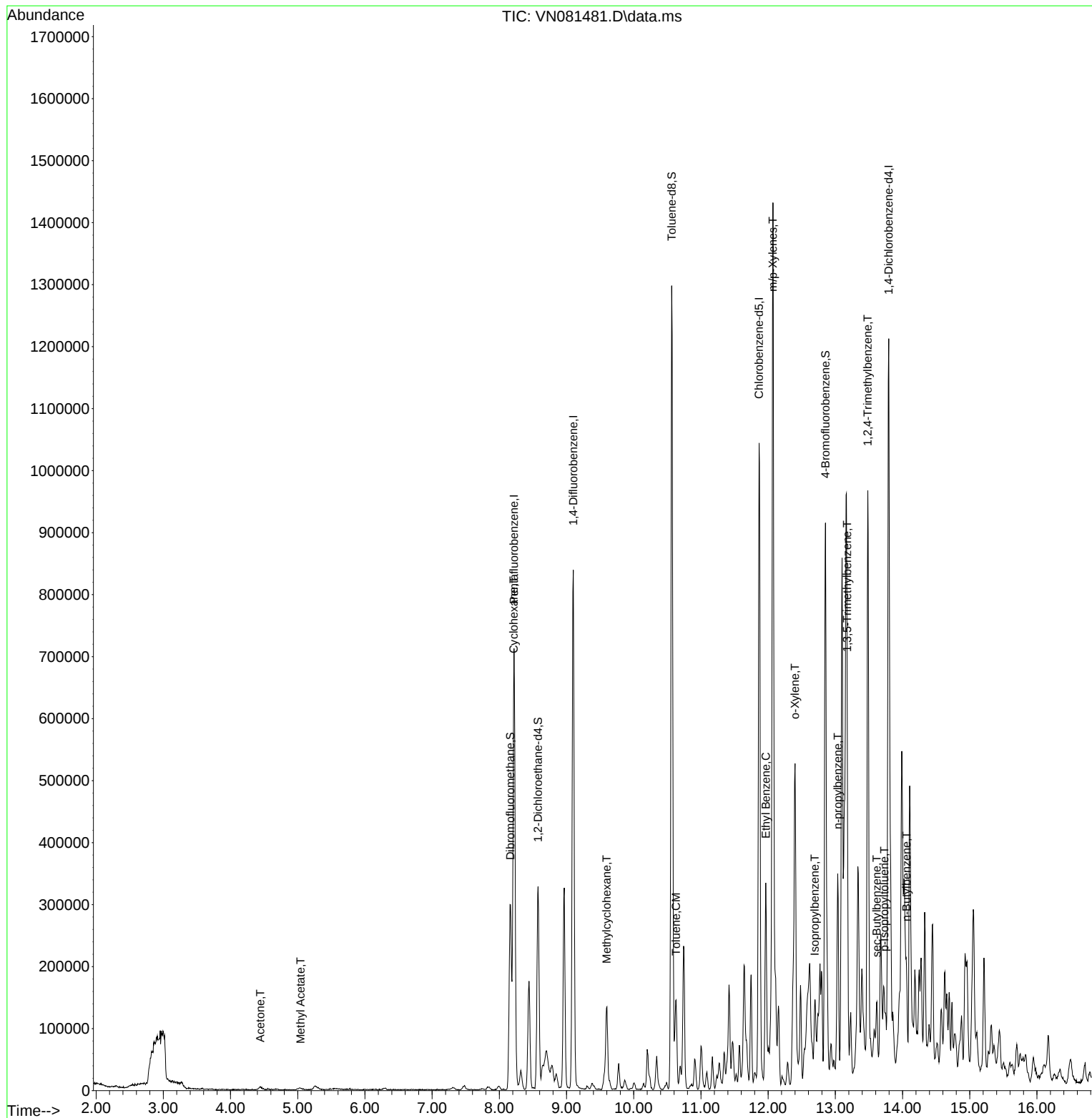
Internal Standards						
1) Pentafluorobenzene	8.218	168	438350	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	740844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	620709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	303190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	263503	47.137	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.280%		
35) Dibromofluoromethane	8.165	113	221703	47.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	10.565	98	850798	50.339	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.680%		
62) 4-Bromofluorobenzene	12.853	95	302496	50.794	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	101.580%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	9449	5.230	ug/l	# 86
18) Methyl Acetate	5.042	43	6146	1.103	ug/l	# 80
31) Cyclohexane	8.212	56	34167	3.756	ug/l	# 77
39) Methylcyclohexane	9.594	83	54786	6.235	ug/l	90
52) Toluene	10.630	92	59804	4.090	ug/l	95
67) Ethyl Benzene	11.965	91	206744	8.111	ug/l	95
68) m/p-Xylenes	12.071	106	239472	25.061	ug/l	94
69) o-Xylene	12.400	106	127783	13.622	ug/l	95
73) Isopropylbenzene	12.694	105	55742	2.157	ug/l	95
78) n-propylbenzene	13.035	91	226633	7.426	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	171784	8.048	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	535862	24.977	ug/l	97
85) sec-Butylbenzene	13.618	105	51760	1.967	ug/l	# 74
86) p-Isopropyltoluene	13.729	119	28878	1.343	ug/l	96
89) n-Butylbenzene	14.059	91	91291	4.786	ug/l	# 84

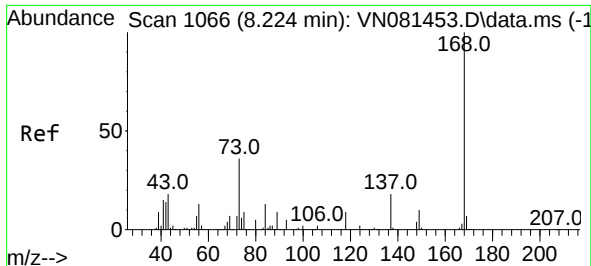
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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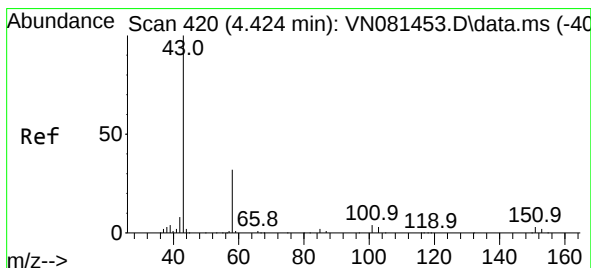
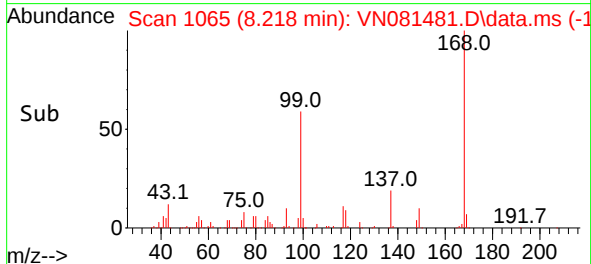
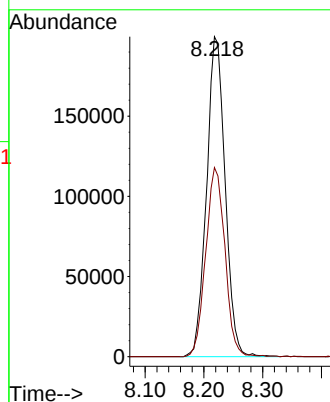
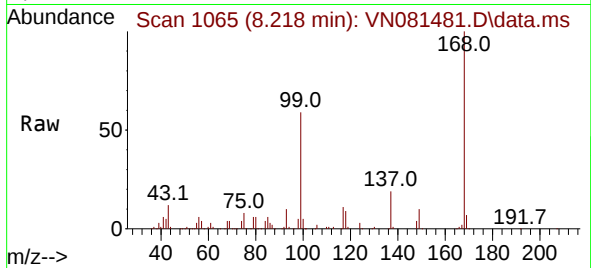




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

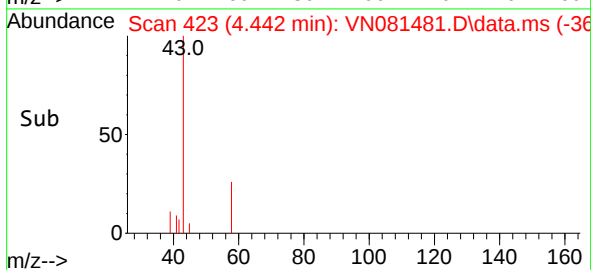
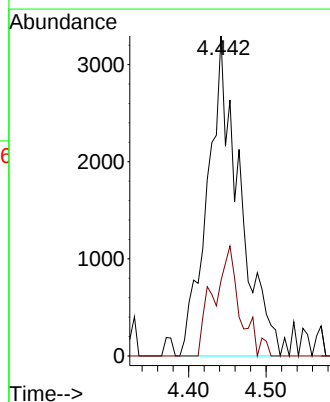
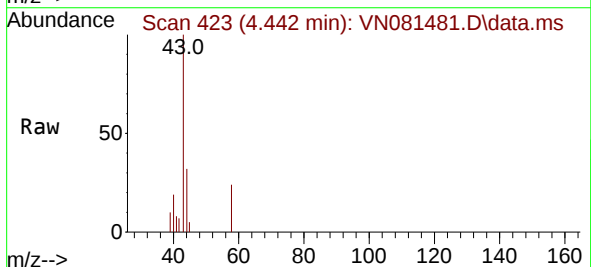
Instrument :
MSVOA_N
ClientSampleId :
1276

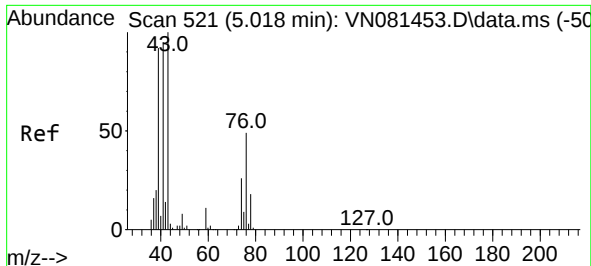
Tgt Ion:168 Resp: 438350
Ion Ratio Lower Upper
168 100
99 59.1 59.9 89.9#



#16
Acetone
Concen: 5.230 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

Tgt Ion: 43 Resp: 9449
Ion Ratio Lower Upper
43 100
58 23.6 24.8 37.2#





#18

Methyl Acetate

Concen: 1.103 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.024 min

Lab File: VN081481.D

Acq: 19 Mar 2024 19:20

Instrument :

MSVOA_N

ClientSampleId :

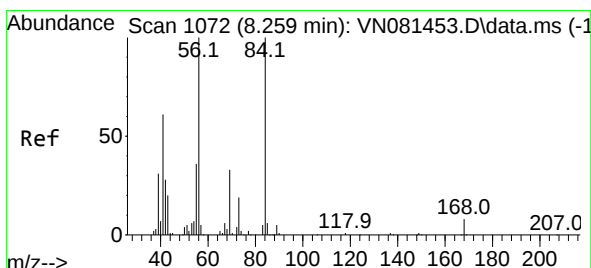
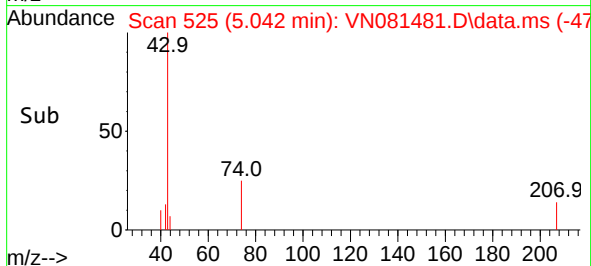
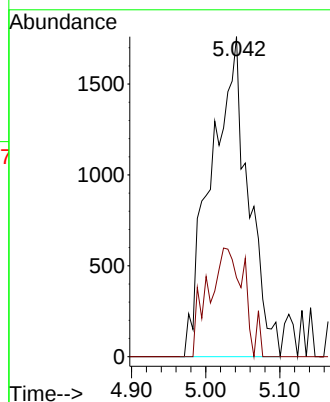
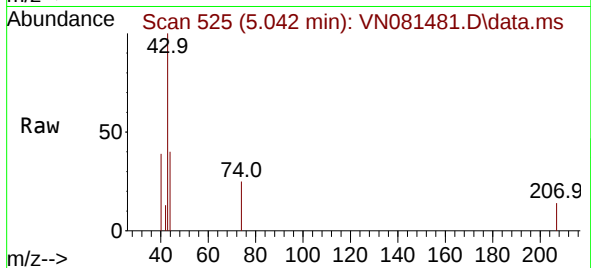
1276

Tgt Ion: 43 Resp: 6146

Ion Ratio Lower Upper

43 100

74 31.0 17.3 25.9#



#31

Cyclohexane

Concen: 3.756 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.047 min

Lab File: VN081481.D

Acq: 19 Mar 2024 19:20

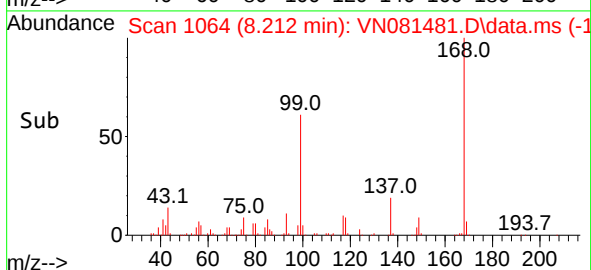
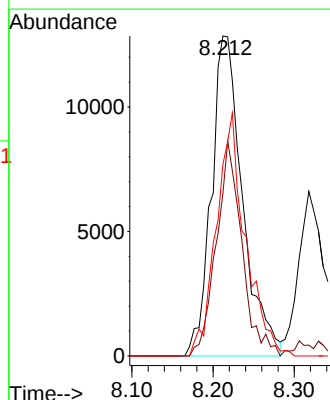
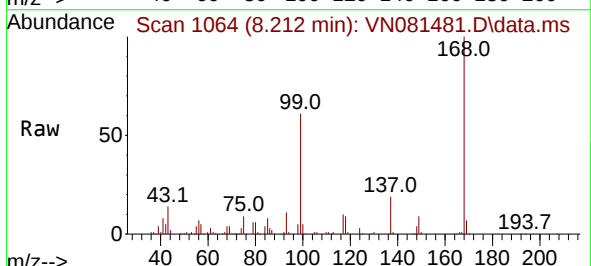
Tgt Ion: 56 Resp: 34167

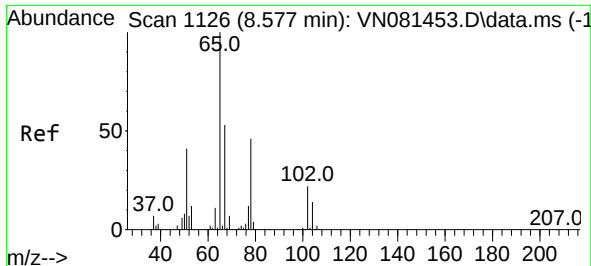
Ion Ratio Lower Upper

56 100

69 50.9 20.1 30.1#

84 59.9 56.9 85.3





#33

1,2-Dichloroethane-d4

Concen: 47.137 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081481.D

Acq: 19 Mar 2024 19:20

Instrument :

MSVOA_N

ClientSampleId :

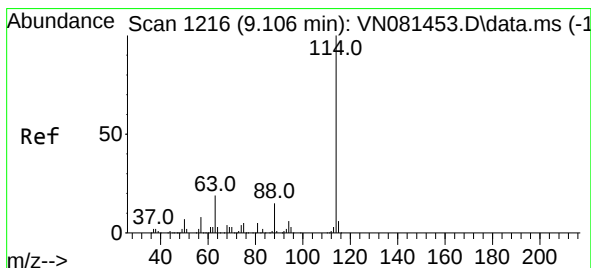
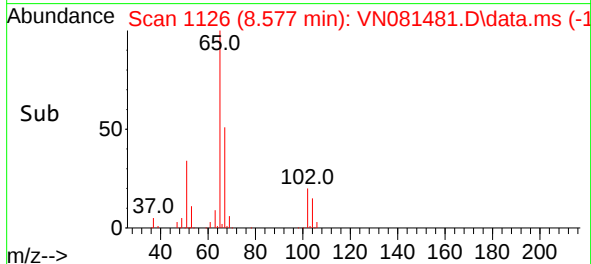
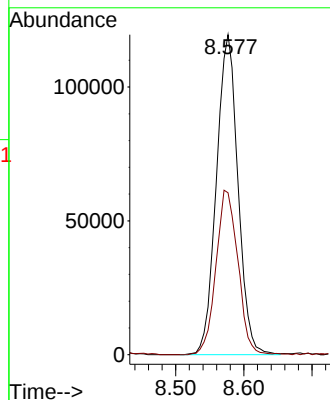
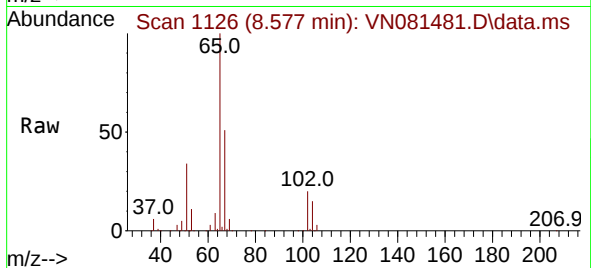
1276

Tgt Ion: 65 Resp: 263503

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# 1215

Delta R.T. -0.006 min

Lab File: VN081481.D

Acq: 19 Mar 2024 19:20

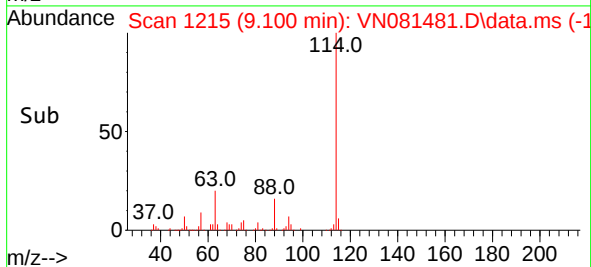
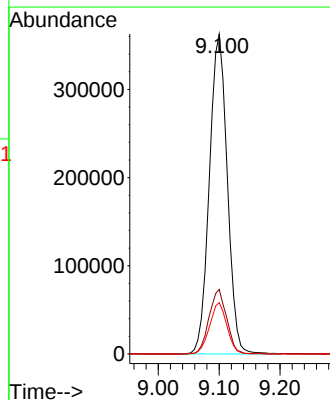
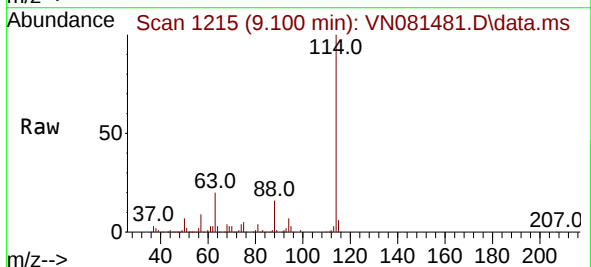
Tgt Ion: 114 Resp: 740844

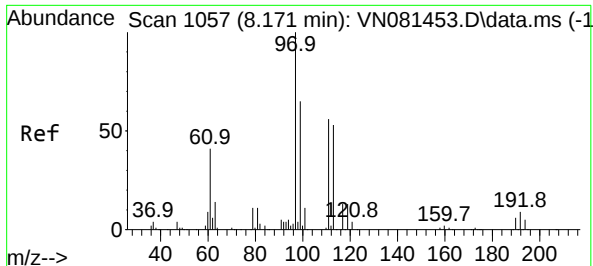
Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

88 16.1 0.0 34.8

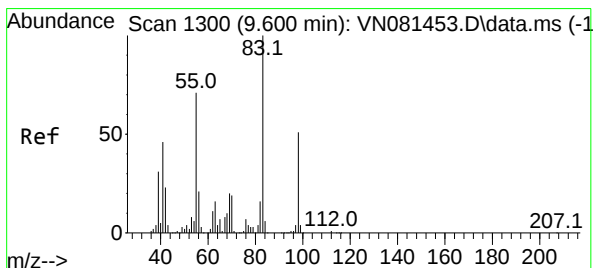
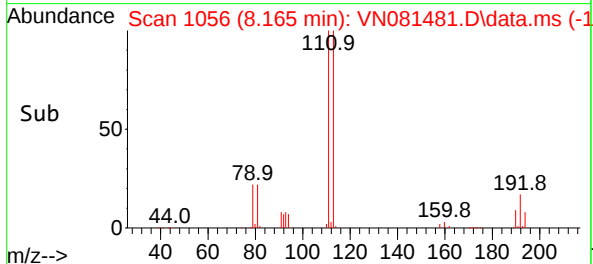
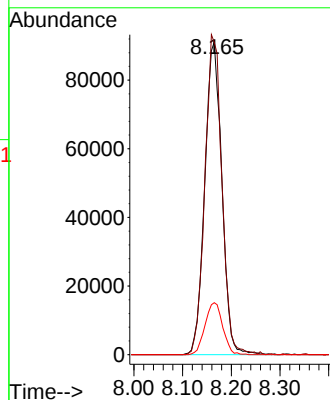
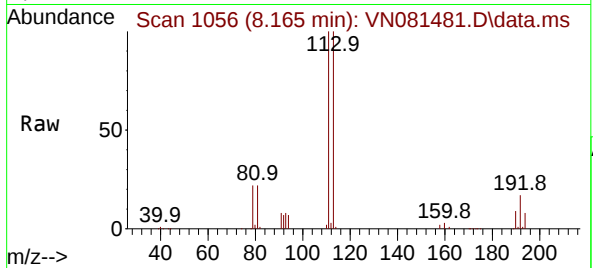




#35
Dibromofluoromethane
Concen: 47.418 ug/l
RT: 8.165 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

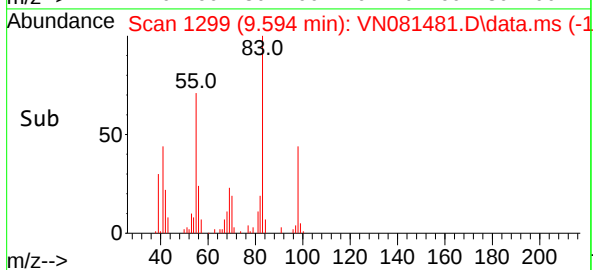
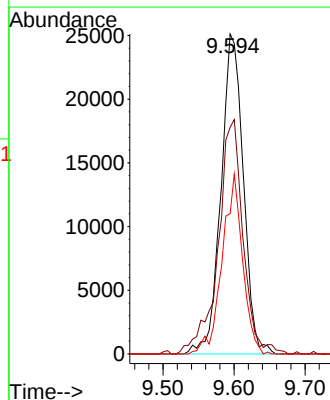
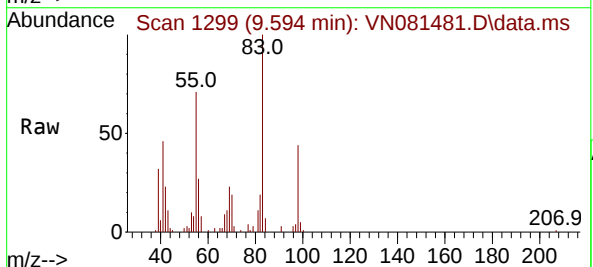
Instrument :
MSVOA_N
ClientSampleId :
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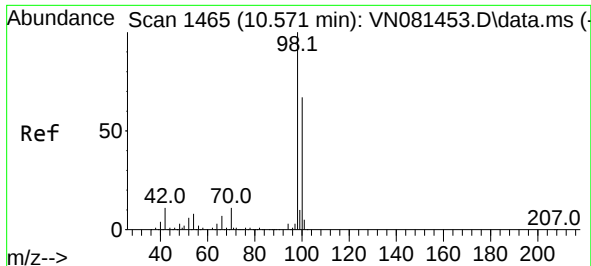
Tgt Ion:113 Resp: 221703
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.2 12.5 18.7



#39
Methylcyclohexane
Concen: 6.235 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

Tgt Ion: 83 Resp: 54786
Ion Ratio Lower Upper
83 100
55 70.1 65.7 98.5
98 43.8 33.8 50.6

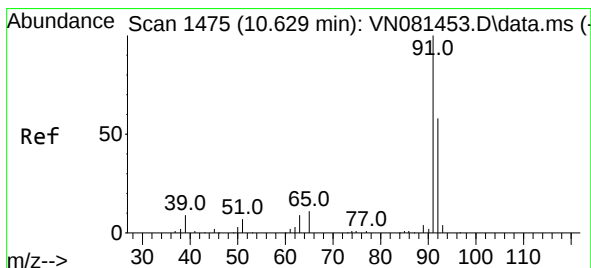
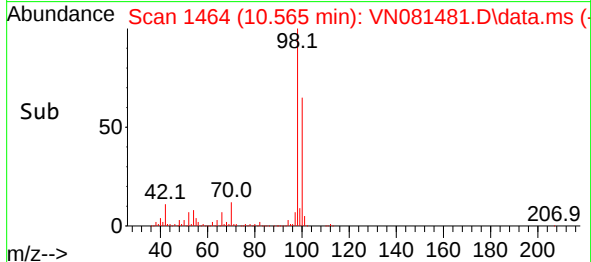
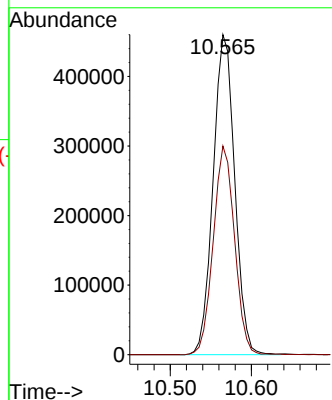
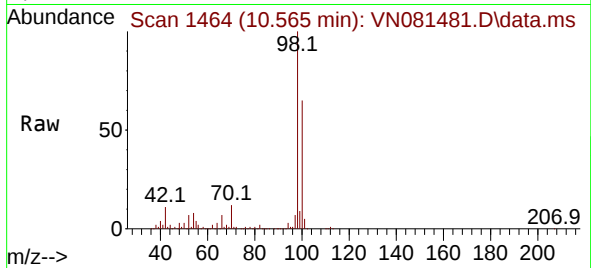




#50
Toluene-d8
Concen: 50.339 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

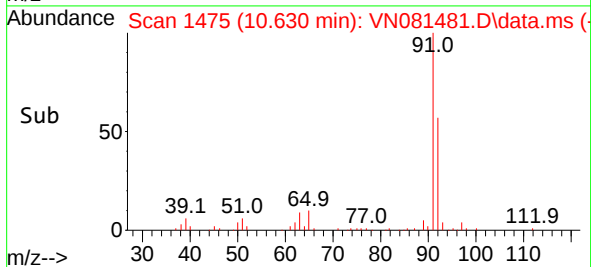
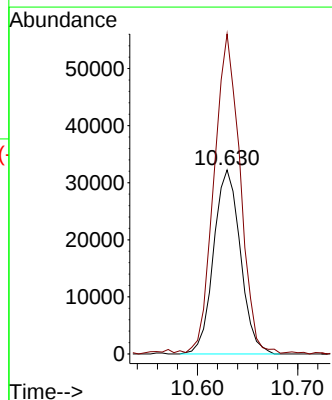
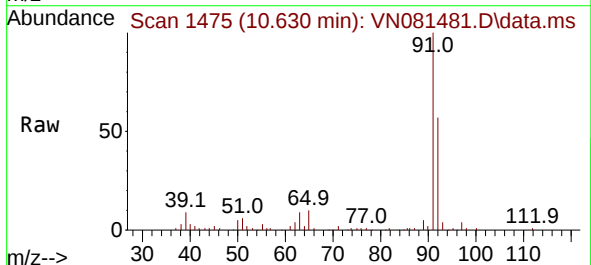
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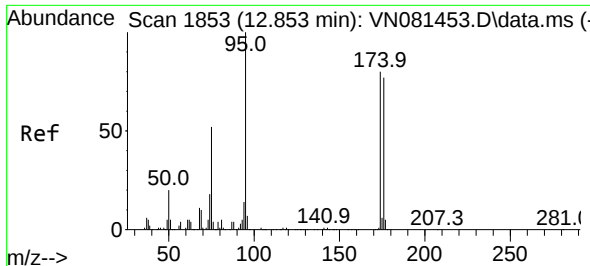
Tgt Ion: 98 Resp: 850798
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#52
Toluene
Concen: 4.090 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

Tgt Ion: 92 Resp: 59804
Ion Ratio Lower Upper
92 100
91 167.4 139.4 209.0

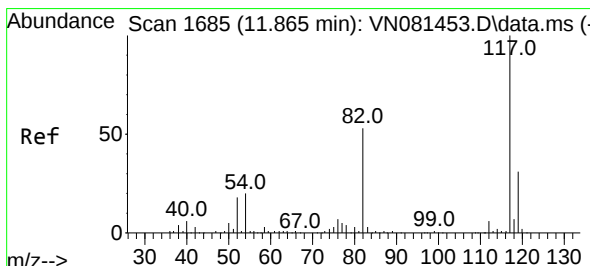
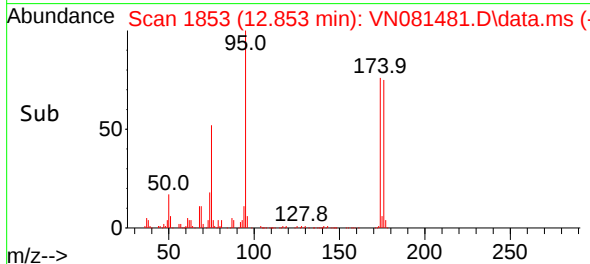
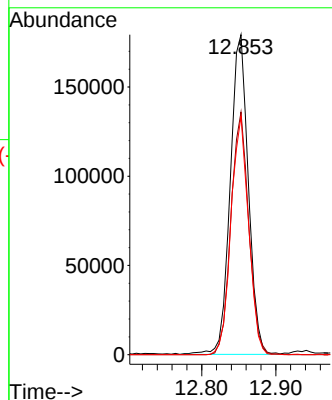
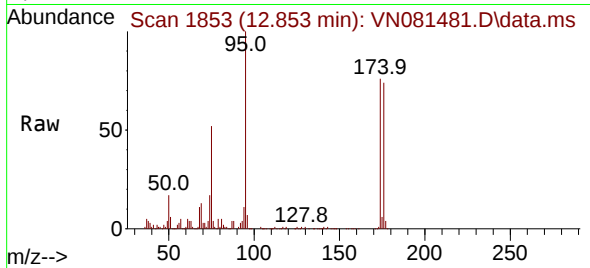




#62
4-Bromofluorobenzene
Concen: 50.794 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

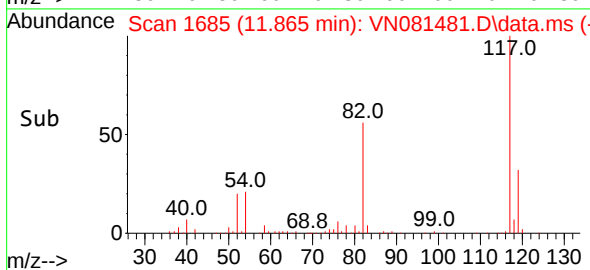
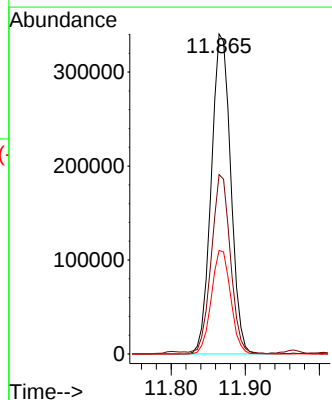
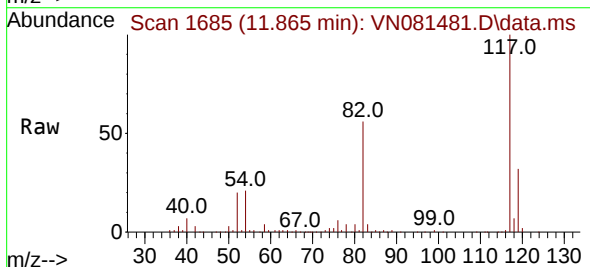
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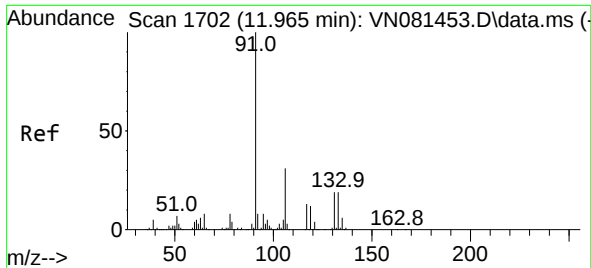
Tgt Ion: 95 Resp: 302496
Ion Ratio Lower Upper
95 100
174 75.0 0.0 120.4
176 72.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

Tgt Ion: 117 Resp: 620709
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 32.3 25.3 37.9

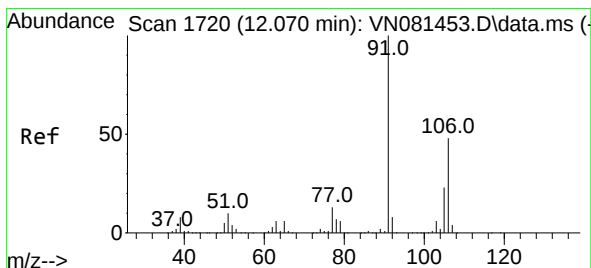
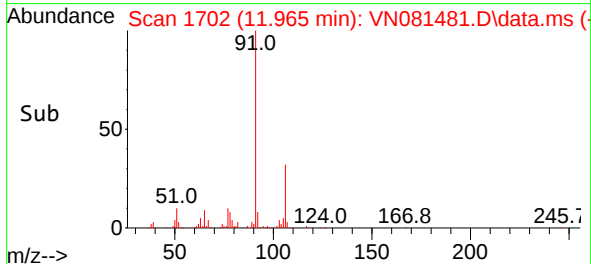
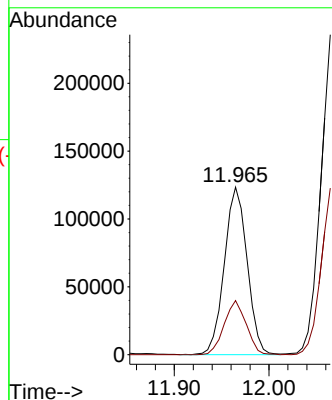
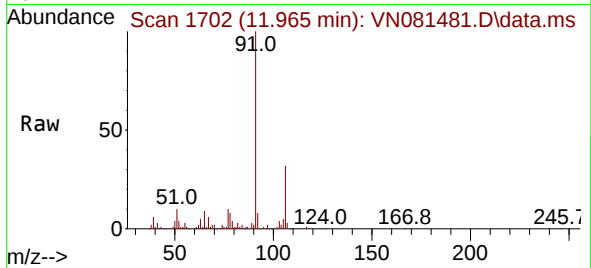




#67
Ethyl Benzene
Concen: 8.111 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

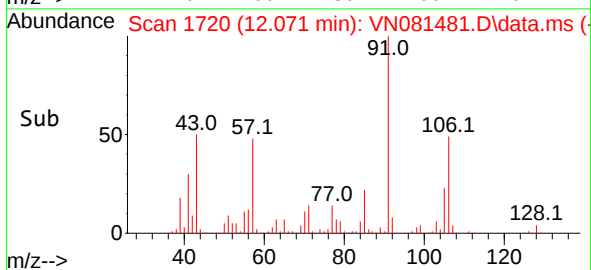
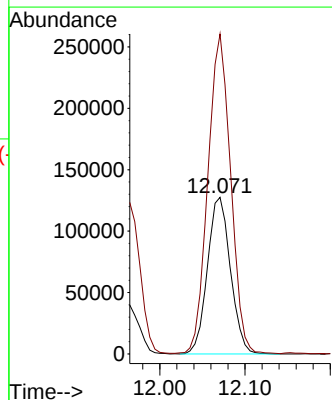
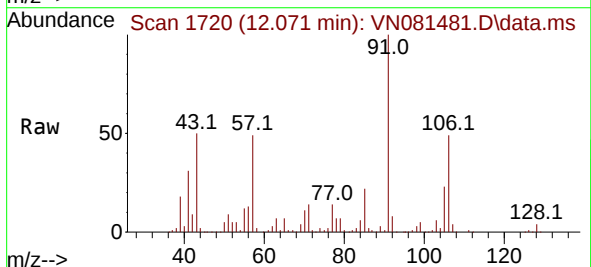
Instrument :
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1276

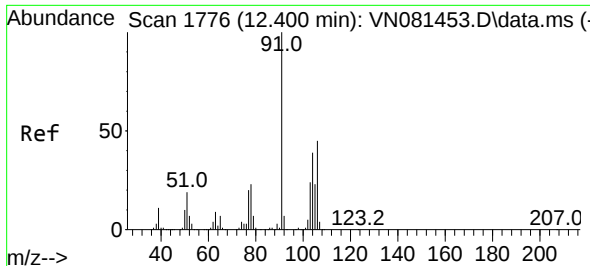
Tgt Ion: 91 Resp: 206744
Ion Ratio Lower Upper
91 100
106 32.3 23.8 35.6



#68
m/p-Xylenes
Concen: 25.061 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

Tgt Ion:106 Resp: 239472
Ion Ratio Lower Upper
106 100
91 202.3 169.0 253.6

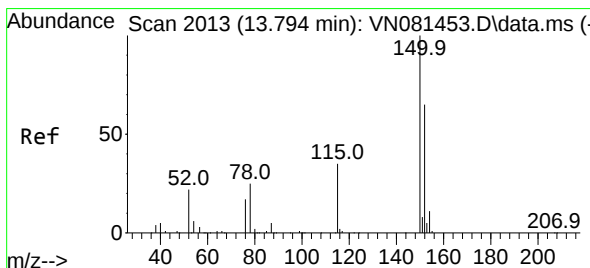
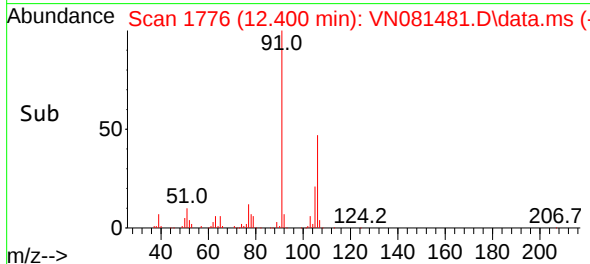
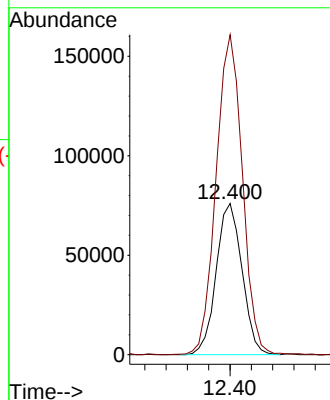
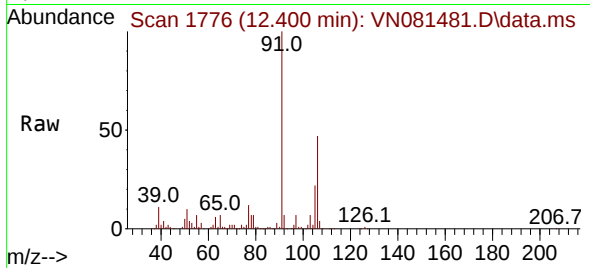




#69
o-Xylene
Concen: 13.622 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

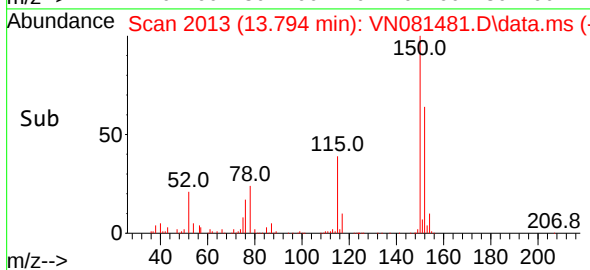
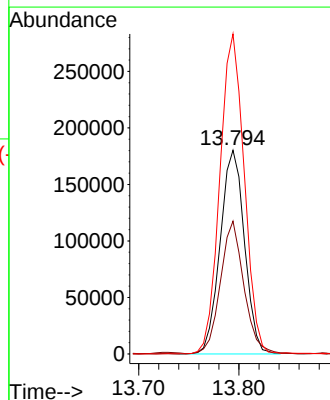
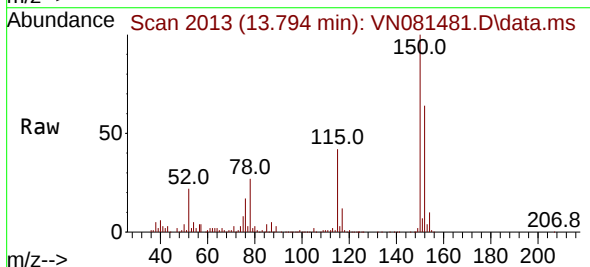
Instrument :
MSVOA_N
ClientSampleId :
1276

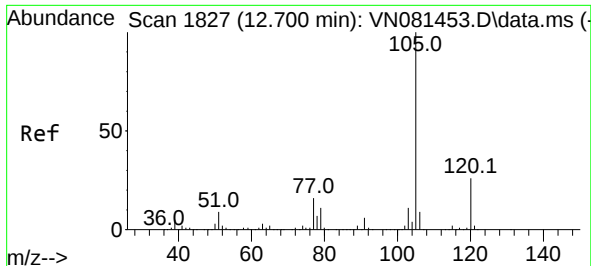
Tgt Ion:106 Resp: 127783
Ion Ratio Lower Upper
106 100
91 216.3 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

Tgt Ion:152 Resp: 303190
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 158.0 0.0 339.8

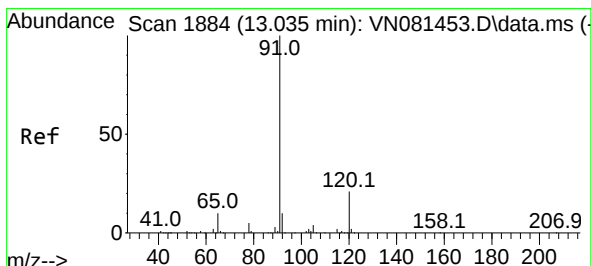
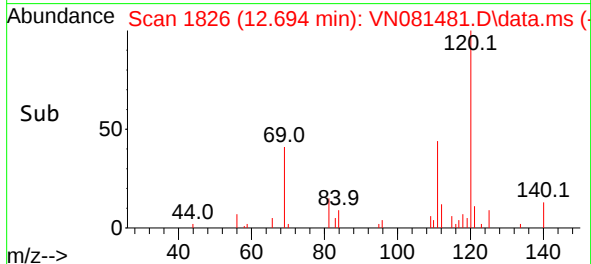
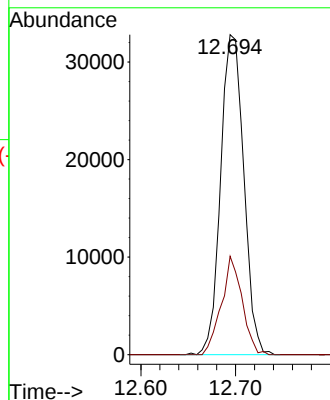
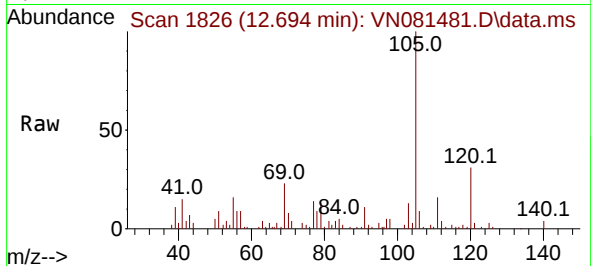




#73
Isopropylbenzene
Concen: 2.157 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

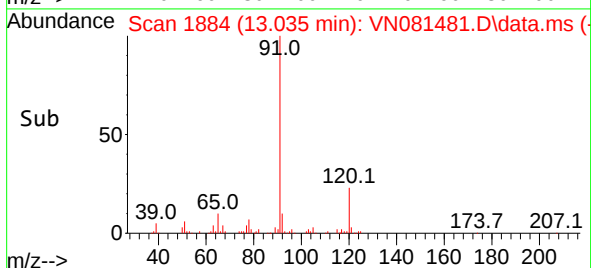
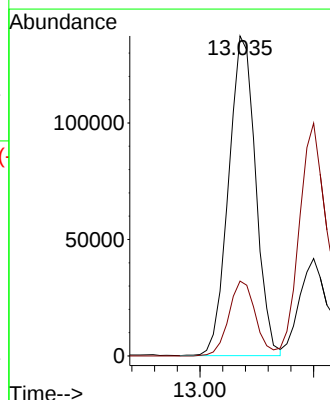
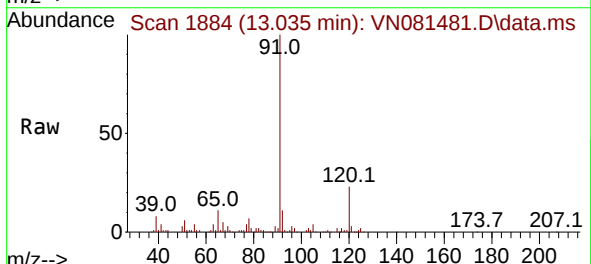
Instrument :
MSVOA_N
ClientSampleId :
1276

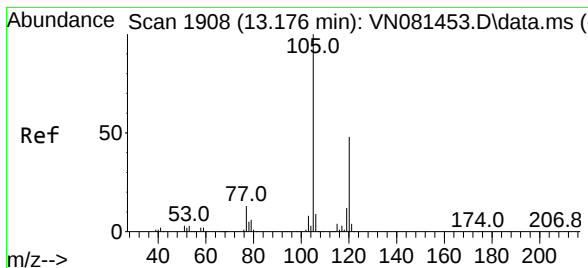
Tgt Ion:105 Resp: 55742
Ion Ratio Lower Upper
105 100
120 27.5 12.6 37.6



#78
n-propylbenzene
Concen: 7.426 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

Tgt Ion: 91 Resp: 226633
Ion Ratio Lower Upper
91 100
120 23.1 10.3 30.9

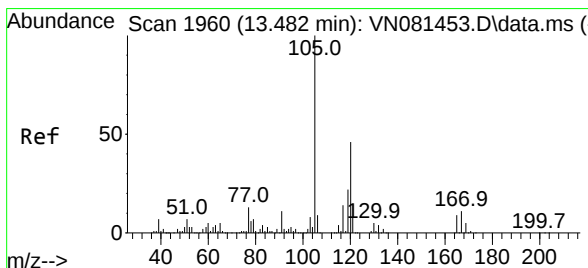
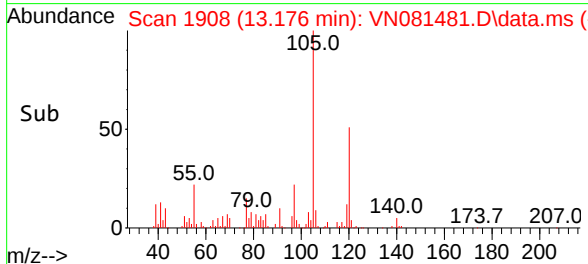
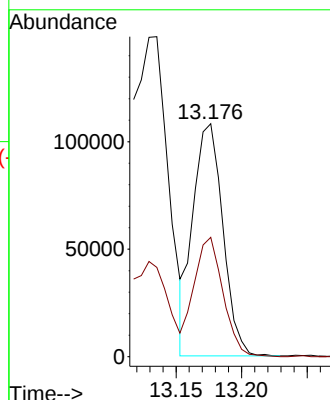
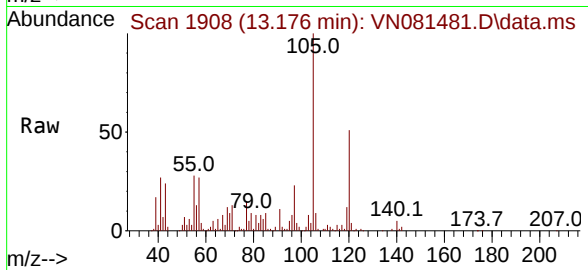




#80
1,3,5-Trimethylbenzene
Concen: 8.048 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

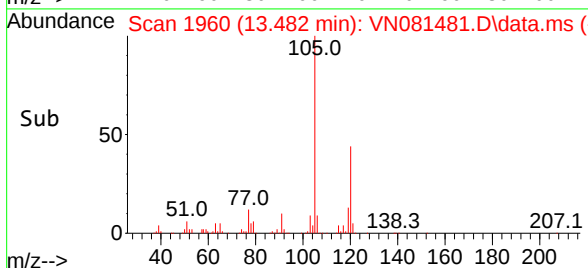
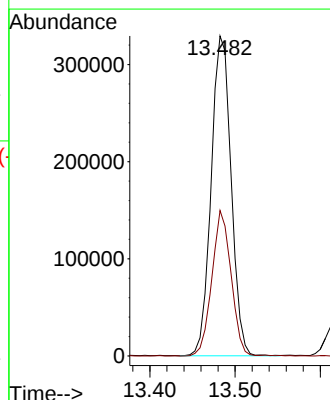
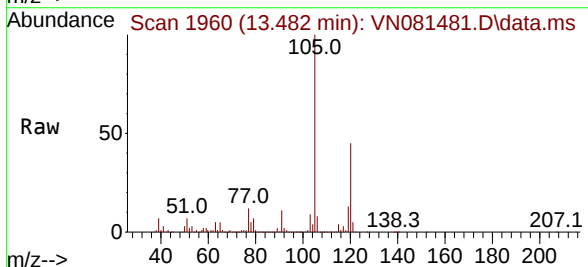
Instrument :
MSVOA_N
ClientSampleId :
1276

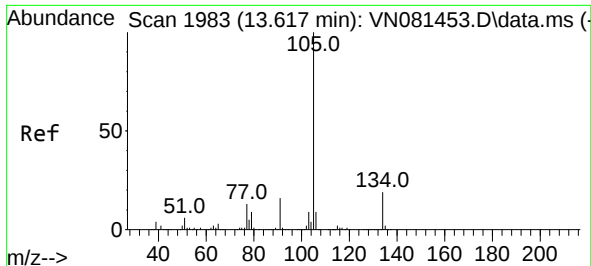
Tgt Ion:105 Resp: 171784
Ion Ratio Lower Upper
105 100
120 50.2 23.0 69.0



#84
1,2,4-Trimethylbenzene
Concen: 24.977 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081481.D
Acq: 19 Mar 2024 19:20

Tgt Ion:105 Resp: 535862
Ion Ratio Lower Upper
105 100
120 43.6 20.9 62.7

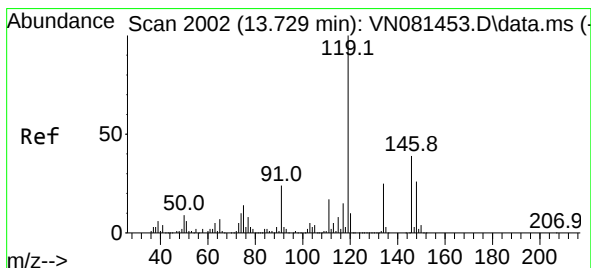
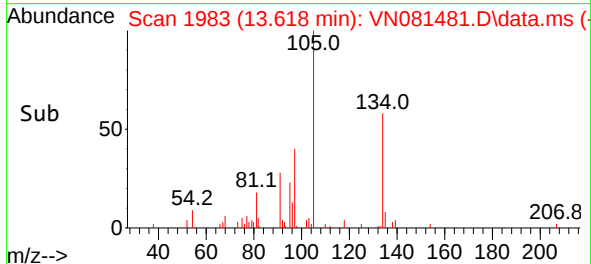
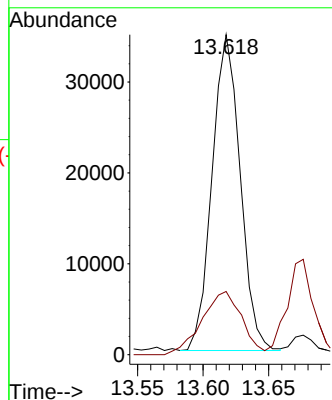
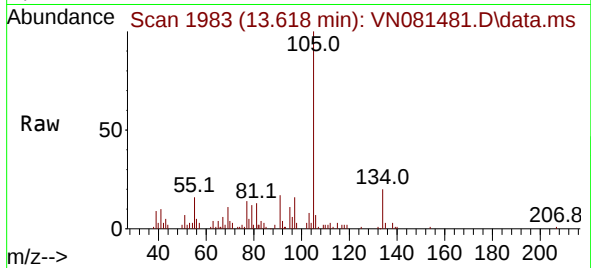




#85
 sec-Butylbenzene
 Concen: 1.967 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081481.D
 Acq: 19 Mar 2024 19:20

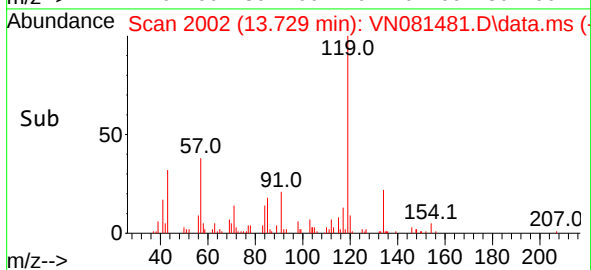
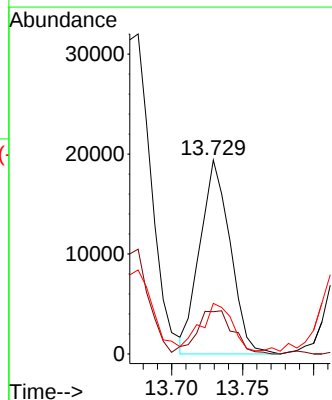
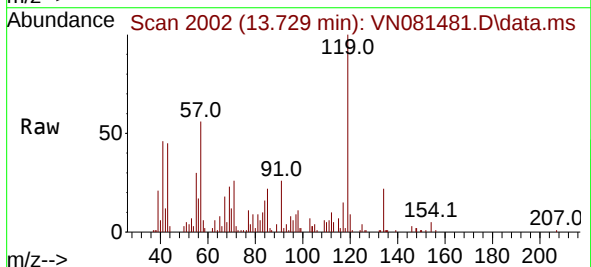
Instrument :
 MSVOA_N
 ClientSampleId :
 1276

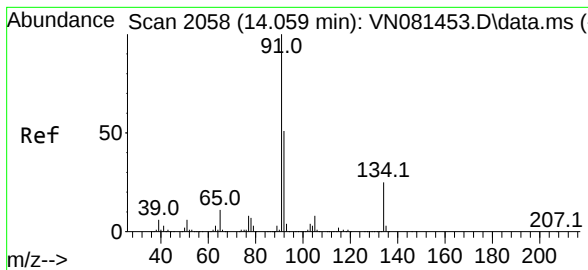
Tgt Ion:105 Resp: 51760
 Ion Ratio Lower Upper
 105 100
 134 28.4 8.6 25.8#



#86
 p-Isopropyltoluene
 Concen: 1.343 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081481.D
 Acq: 19 Mar 2024 19:20

Tgt Ion:119 Resp: 28878
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.4 37.2
 91 24.8 13.5 40.4





#89
 n-Butylbenzene
 Concen: 4.786 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN081481.D
 Acq: 19 Mar 2024 19:20

Instrument :
 MSVOA_N
 ClientSampleId :
 1276

Tgt Ion:	91	Resp:	91291
Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.7	80.1
134	0.0	10.8	32.4

