

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083945.D
 Acq On : 17 Sep 2024 15:05
 Operator : JC\MD
 Sample : P4030-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A-08-202409

Quant Time: Sep 18 01:49:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

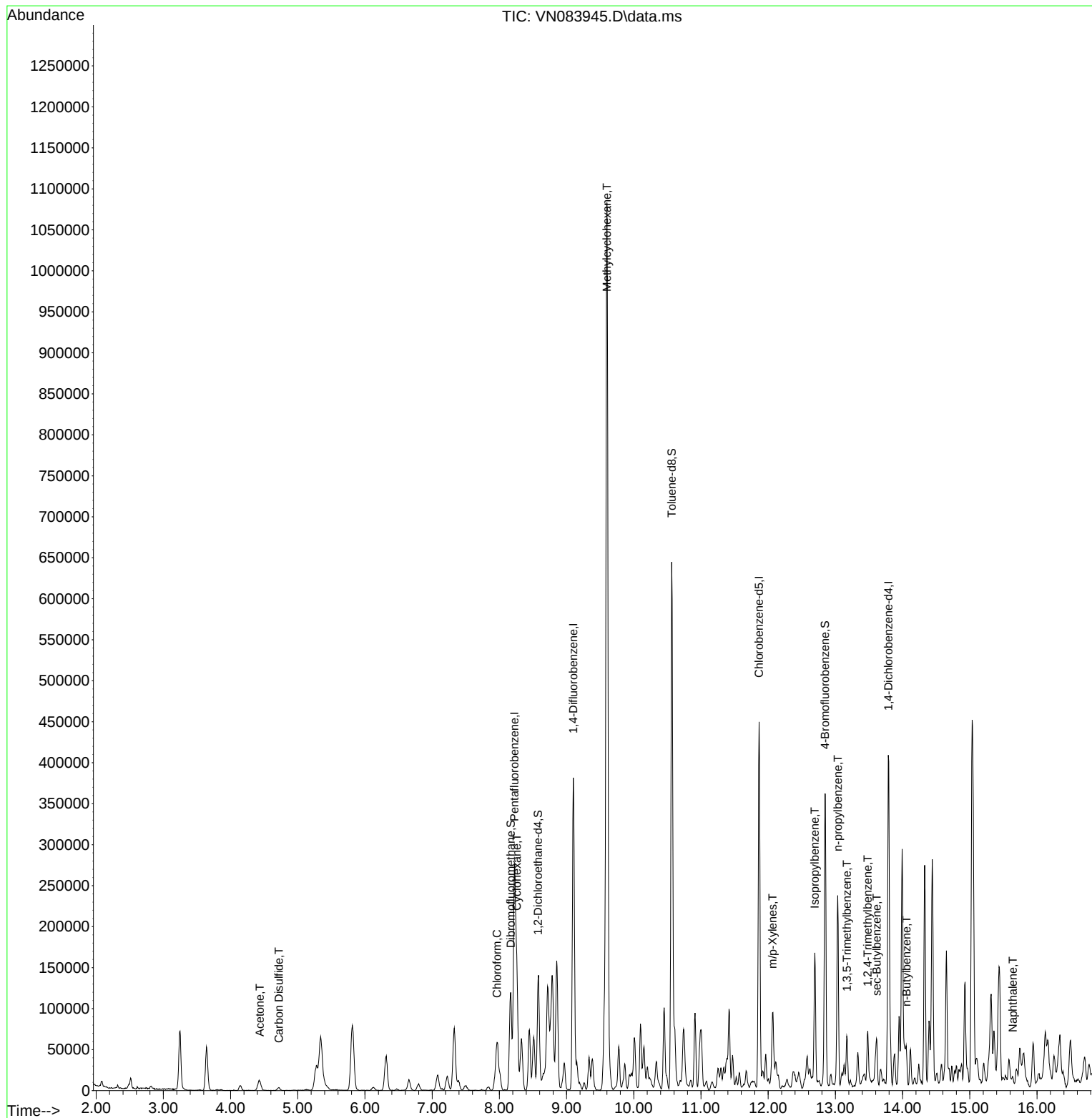
Internal Standards						
1) Pentafluorobenzene	8.224	168	154339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118915	51.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.200%			
35) Dibromofluoromethane	8.171	113	84182	50.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	10.565	98	330763	57.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.120%#			
62) 4-Bromofluorobenzene	12.847	95	123259	51.541	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.080%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	16090	17.247	ug/l #	78
17) Carbon Disulfide	4.718	76	6393	1.369	ug/l #	95
30) Chloroform	7.965	83	62402	16.662	ug/l	99
31) Cyclohexane	8.259	56	90056	26.775	ug/l #	96
39) Methylcyclohexane	9.600	83	459377	159.917	ug/l	98
68) m/p-Xylenes	12.064	106	27573	8.272	ug/l	98
73) Isopropylbenzene	12.694	105	100051	12.922	ug/l	98
78) n-propylbenzene	13.035	91	174353	19.354	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	26179	4.010	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	35769	5.455	ug/l	99
85) sec-Butylbenzene	13.617	105	34692	4.580	ug/l #	77
89) n-Butylbenzene	14.058	91	26928	4.724	ug/l #	78
95) Naphthalene	15.641	128	7770	1.402	ug/l #	89

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

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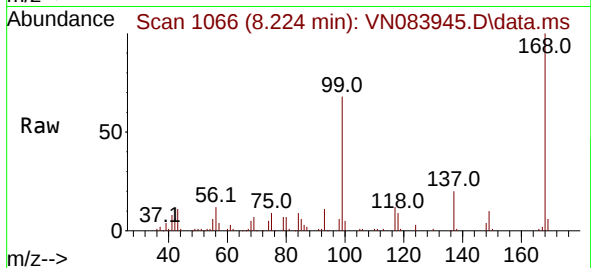
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



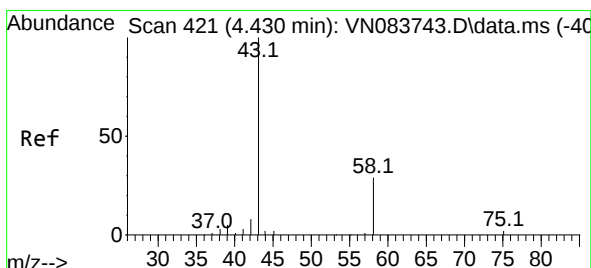
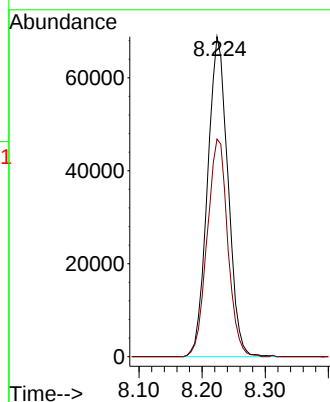
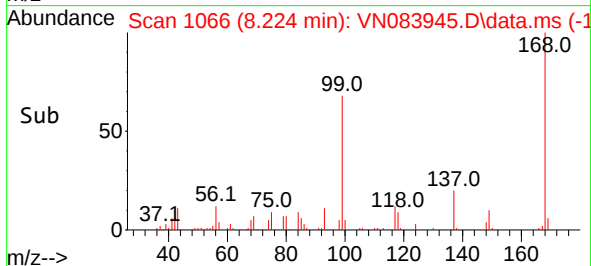


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

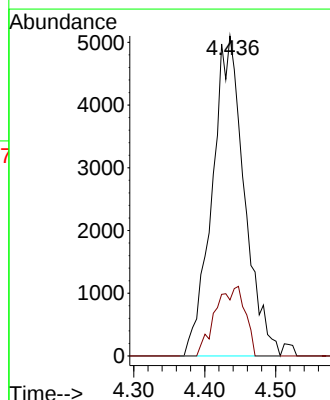
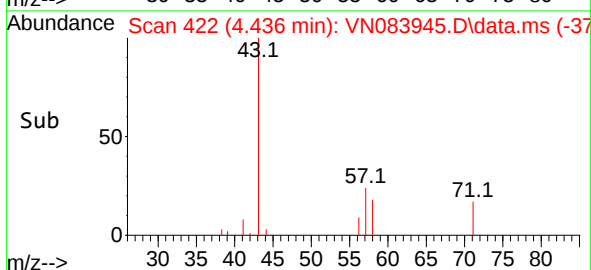
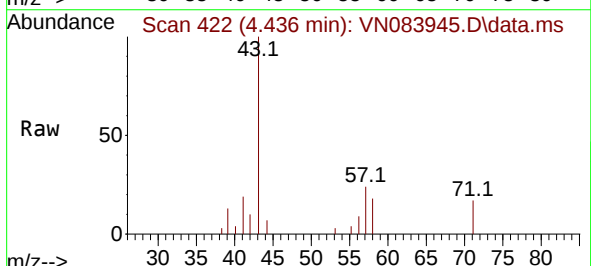


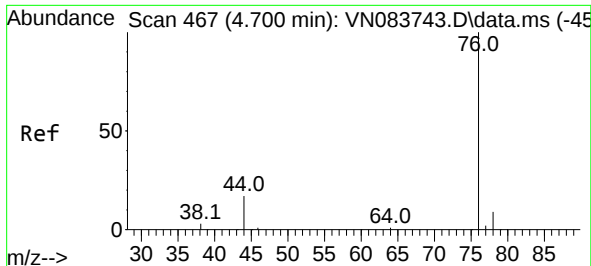
Tgt Ion:168 Resp: 154339
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2



#16
Acetone
Concen: 17.247 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

Tgt Ion: 43 Resp: 16090
Ion Ratio Lower Upper
43 100
58 17.5 23.7 35.5#

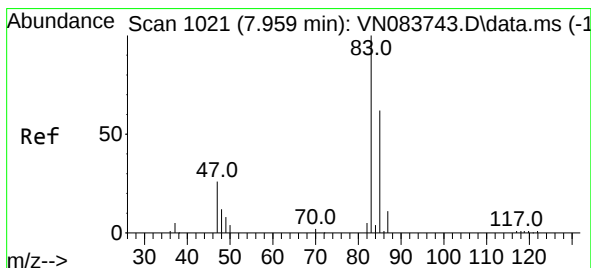
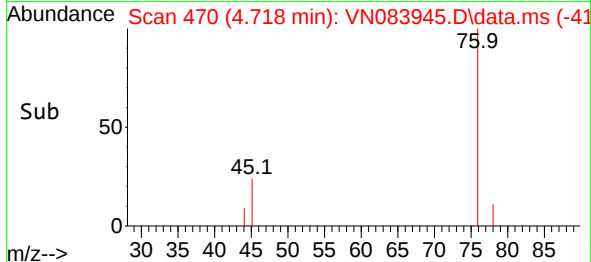
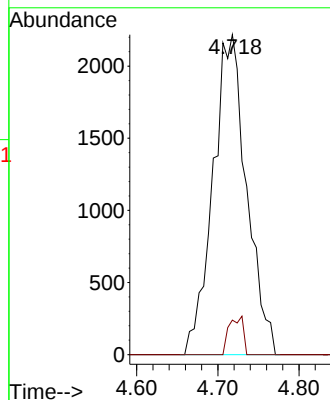
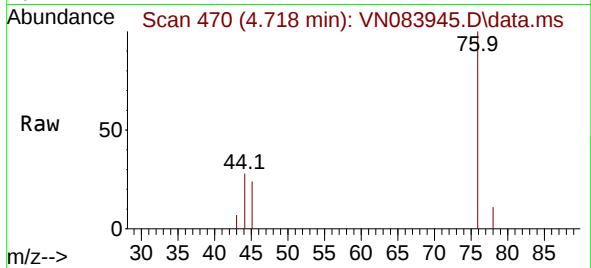




#17
Carbon Disulfide
Concen: 1.369 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

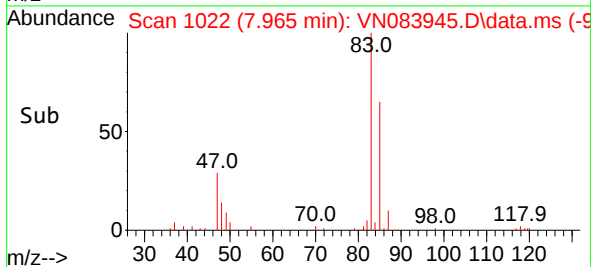
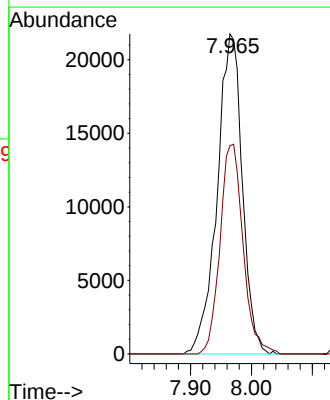
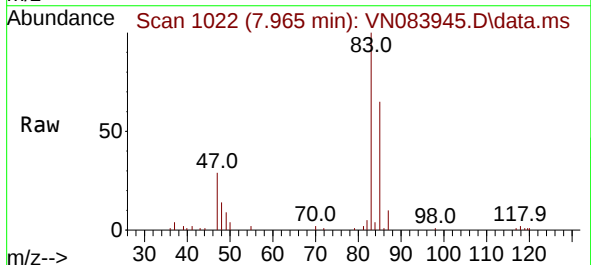
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

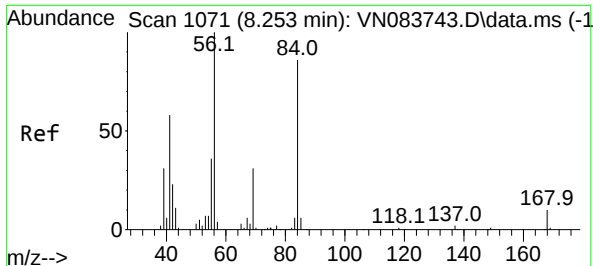
Tgt Ion: 76 Resp: 6393
Ion Ratio Lower Upper
76 100
78 10.8 7.1 10.7#



#30
Chloroform
Concen: 16.662 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

Tgt Ion: 83 Resp: 62402
Ion Ratio Lower Upper
83 100
85 65.1 52.8 79.2

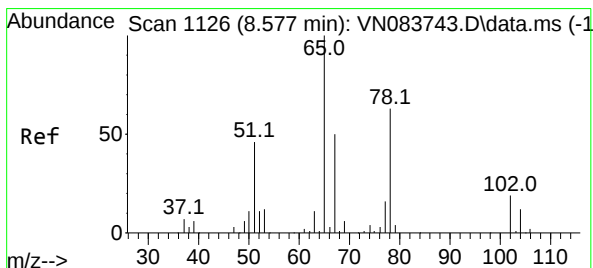
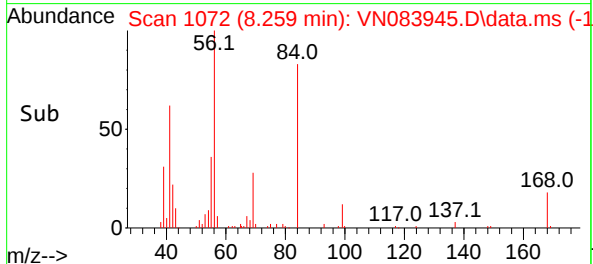
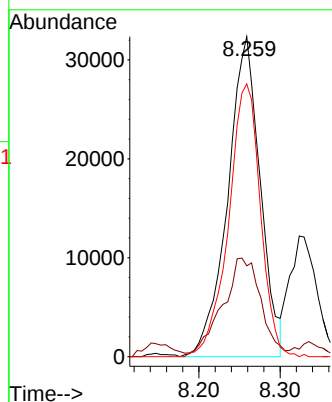
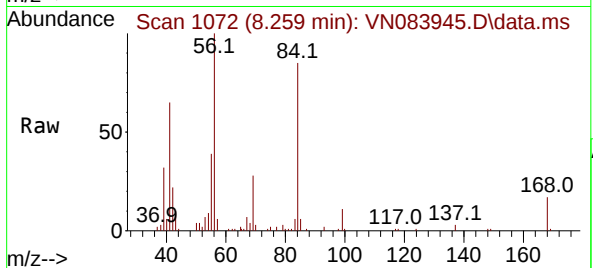




#31
Cyclohexane
Concen: 26.775 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

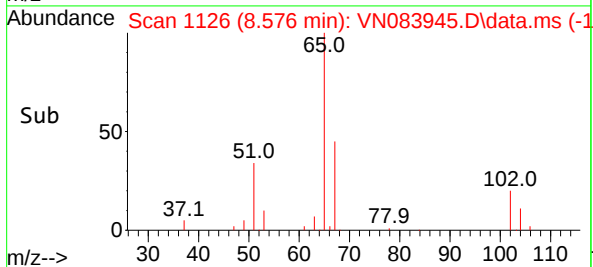
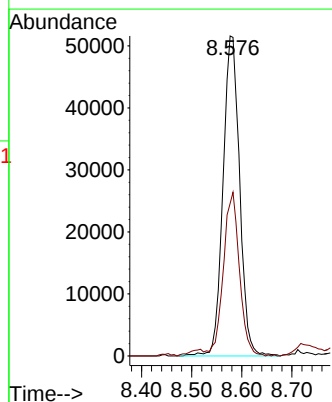
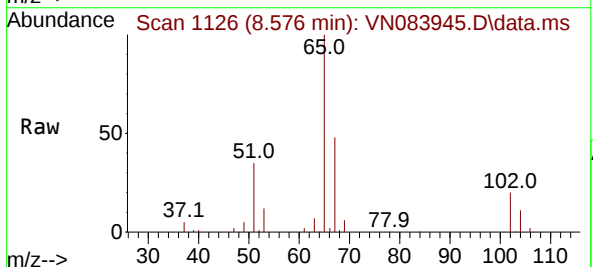
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

Tgt Ion: 56 Resp: 90056
Ion Ratio Lower Upper
56 100
69 26.8 26.9 40.3#
84 85.2 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 51.098 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

Tgt Ion: 65 Resp: 118915
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083945.D

Acq: 17 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

WC-A-08-202409

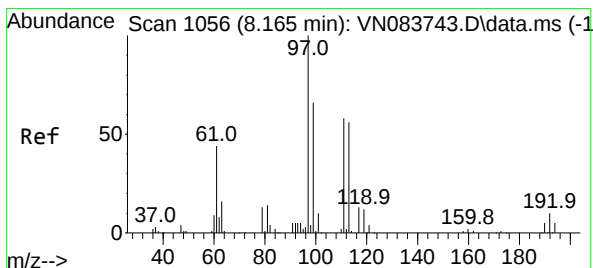
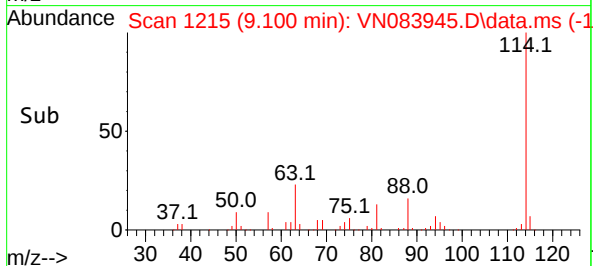
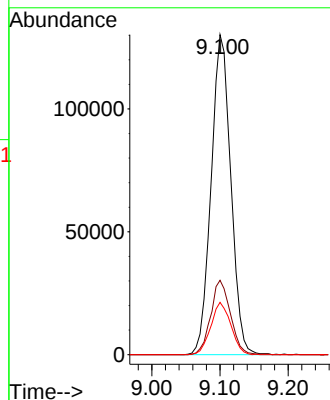
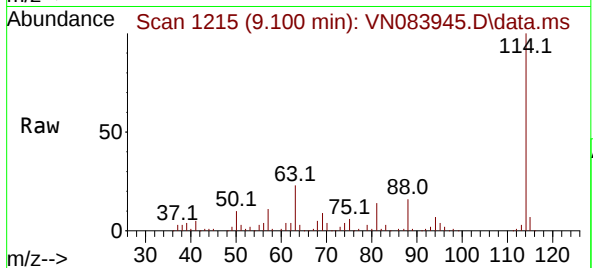
Tgt Ion:114 Resp: 261910

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.207 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083945.D

Acq: 17 Sep 2024 15:05

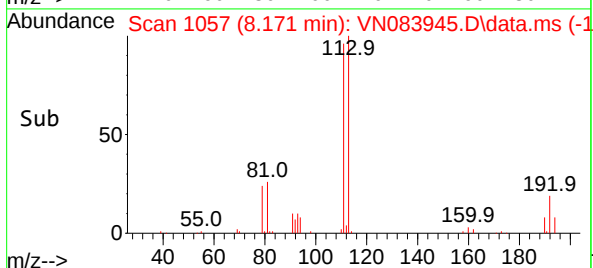
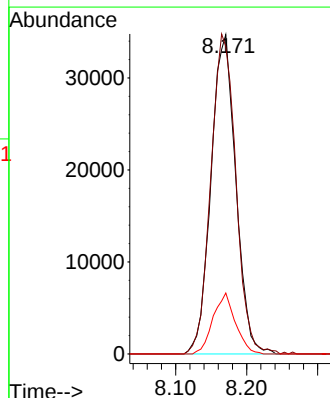
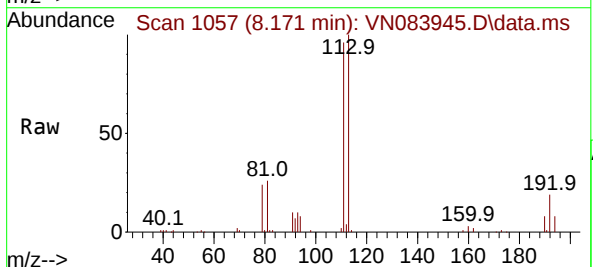
Tgt Ion:113 Resp: 84182

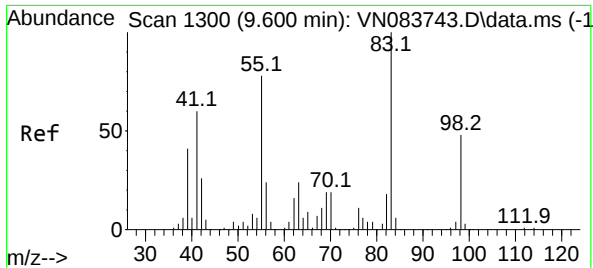
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 17.2 14.3 21.5

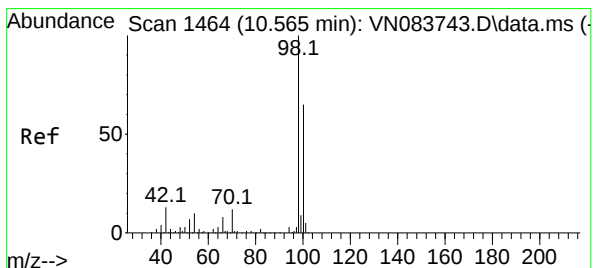
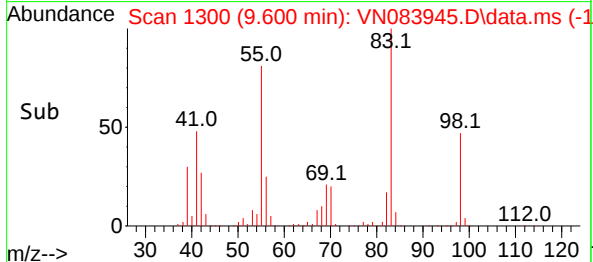
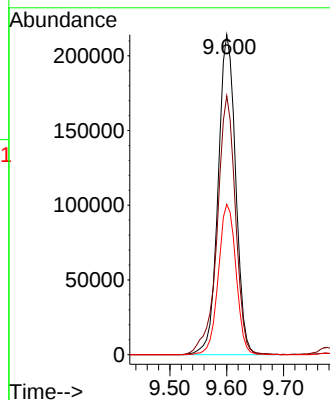
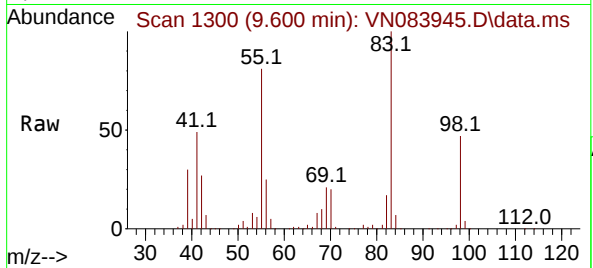




#39
Methylcyclohexane
Concen: 159.917 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

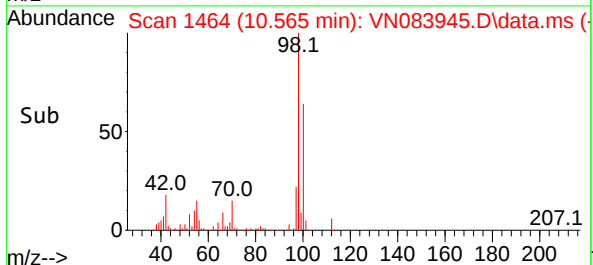
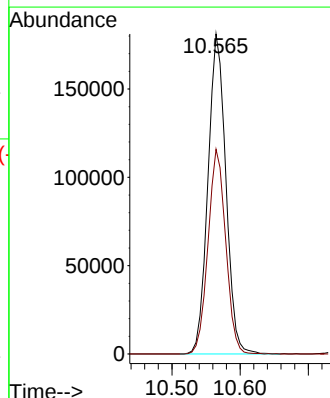
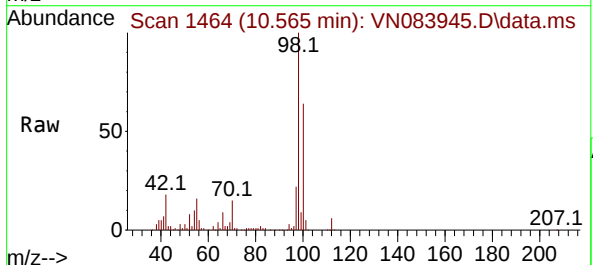
Instrument :
MSVOA_N
ClientSampleId :
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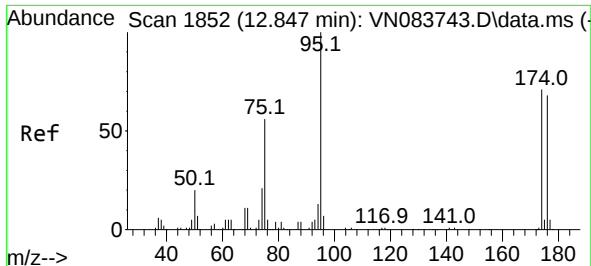
Tgt Ion: 83 Resp: 459377
Ion Ratio Lower Upper
83 100
55 80.9 62.2 93.4
98 47.0 37.6 56.4



#50
Toluene-d8
Concen: 57.063 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

Tgt Ion: 98 Resp: 330763
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

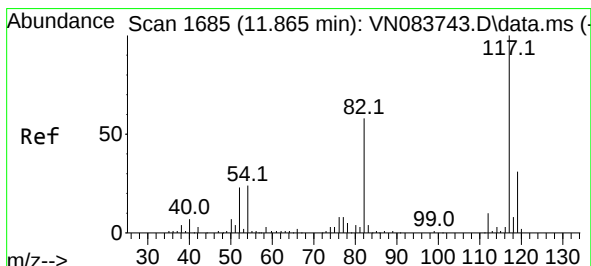
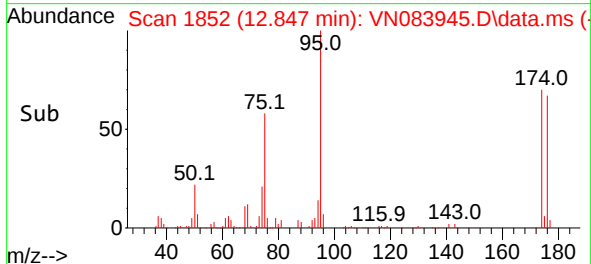
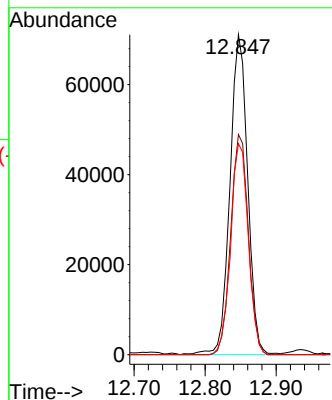
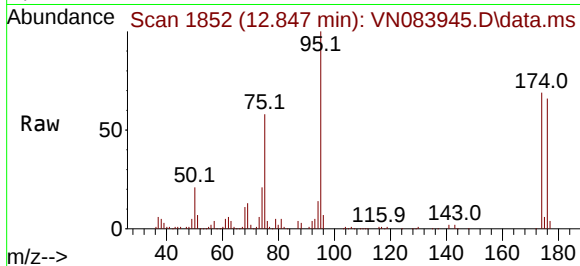




#62
4-Bromofluorobenzene
Concen: 51.541 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

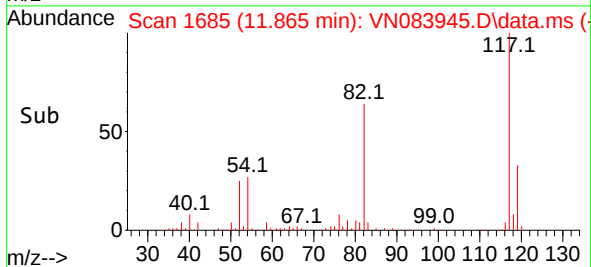
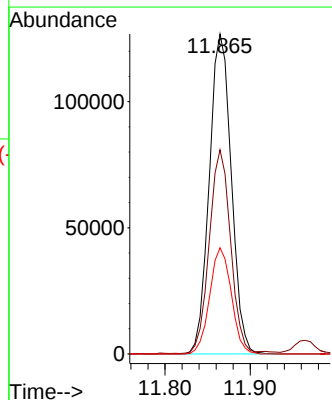
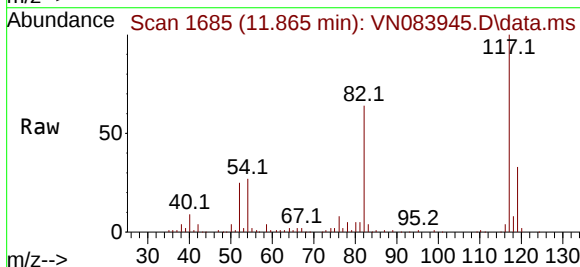
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

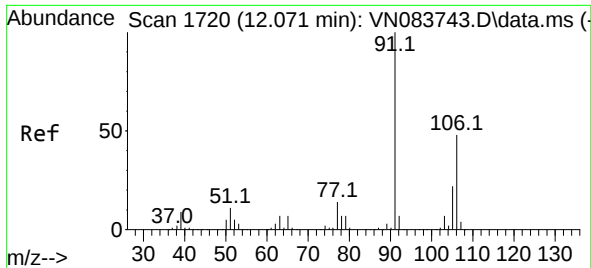
Tgt Ion: 95 Resp: 123259
Ion Ratio Lower Upper
95 100
174 68.3 0.0 139.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

Tgt Ion: 117 Resp: 227413
Ion Ratio Lower Upper
117 100
82 63.6 47.4 71.0
119 33.2 26.3 39.5

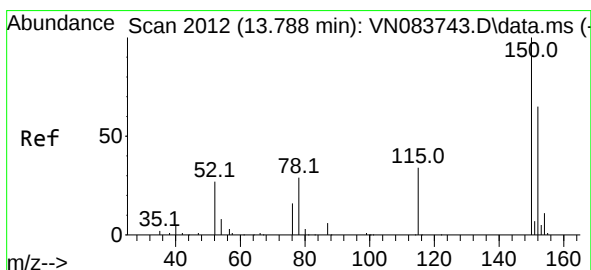
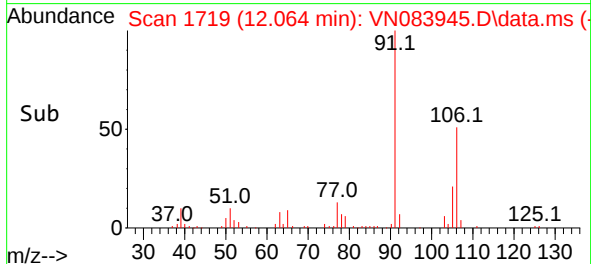
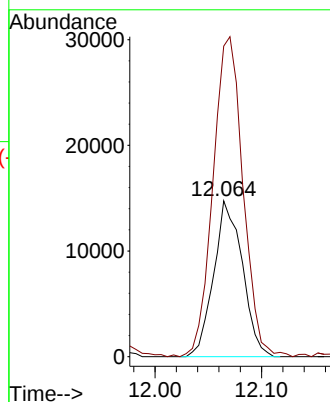
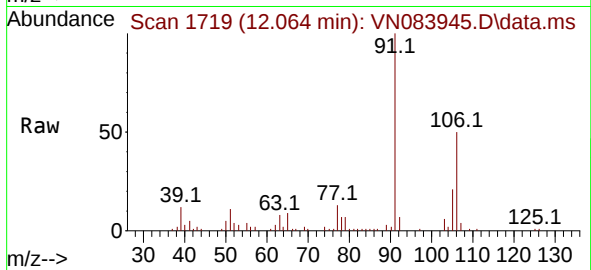




#68
m/p-Xylenes
Concen: 8.272 ug/l
RT: 12.064 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

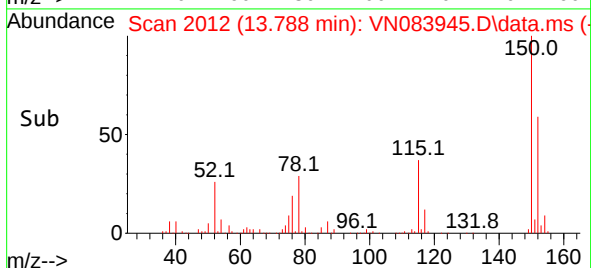
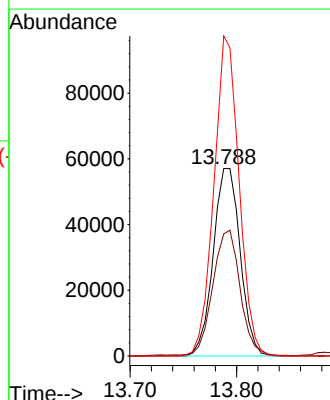
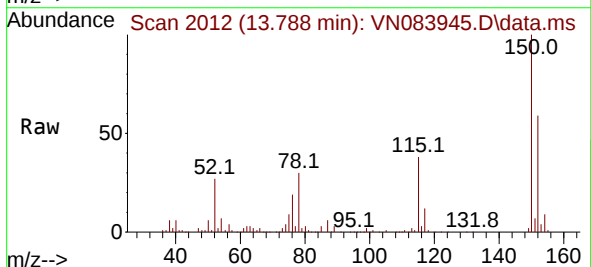
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

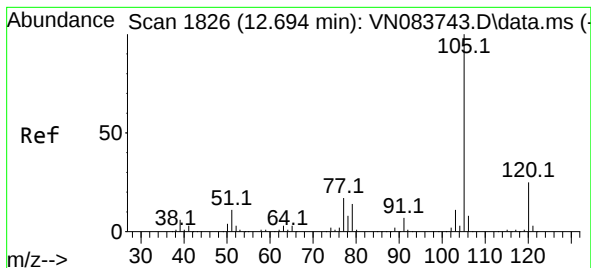
Tgt Ion:106 Resp: 27573
Ion Ratio Lower Upper
106 100
91 214.9 169.2 253.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

Tgt Ion:152 Resp: 100076
Ion Ratio Lower Upper
152 100
115 68.4 32.2 96.6
150 159.2 0.0 348.6





#73

Isopropylbenzene

Concen: 12.922 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083945.D

Acq: 17 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

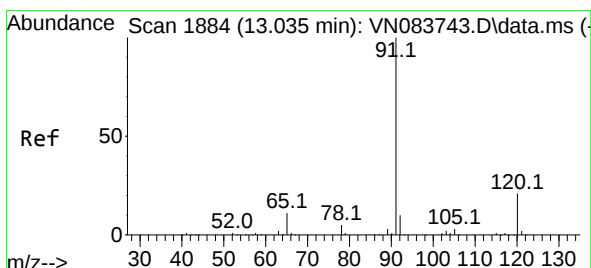
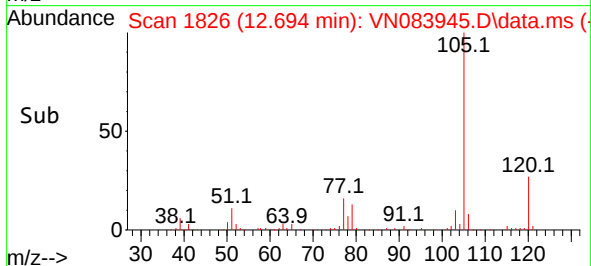
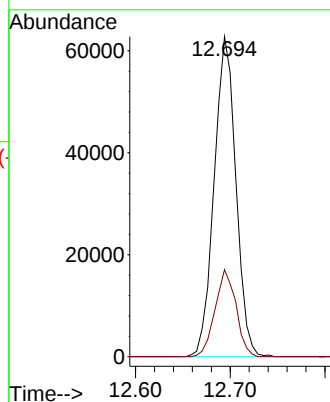
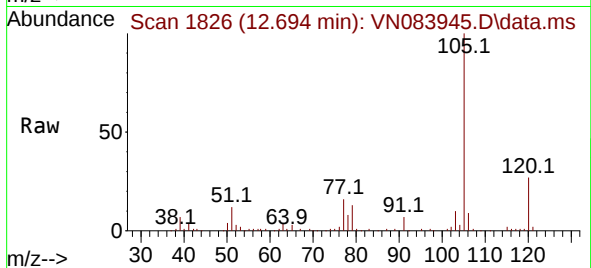
WC-A-08-202409

Tgt Ion:105 Resp: 100051

Ion Ratio Lower Upper

105 100

120 26.2 12.6 37.8



#78

n-propylbenzene

Concen: 19.354 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083945.D

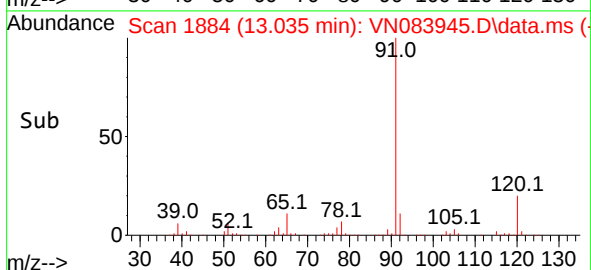
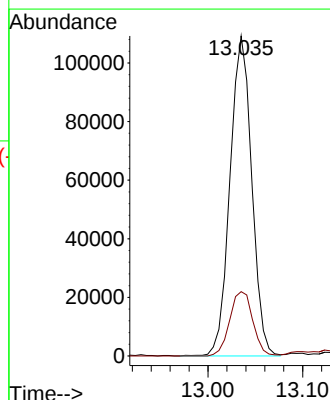
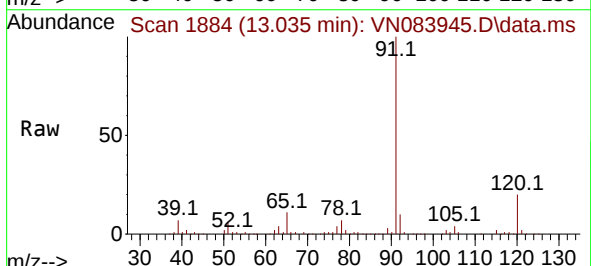
Acq: 17 Sep 2024 15:05

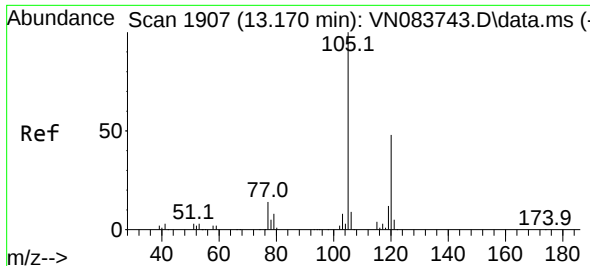
Tgt Ion: 91 Resp: 174353

Ion Ratio Lower Upper

91 100

120 21.3 11.0 33.0

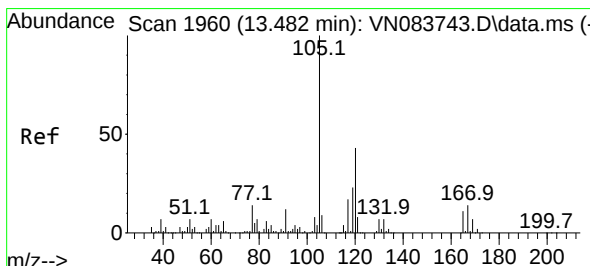
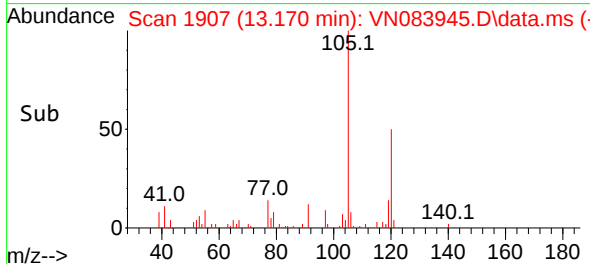
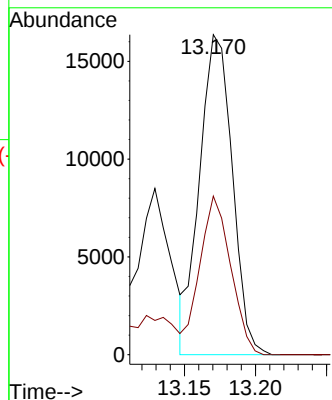
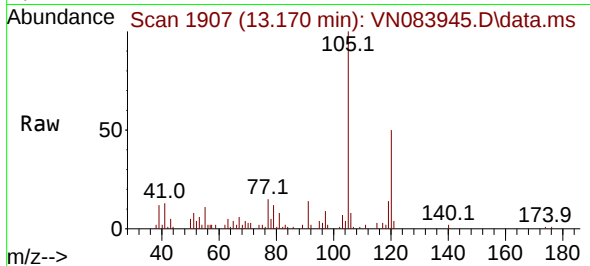




#80
 1,3,5-Trimethylbenzene
 Concen: 4.010 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN083945.D
 Acq: 17 Sep 2024 15:05

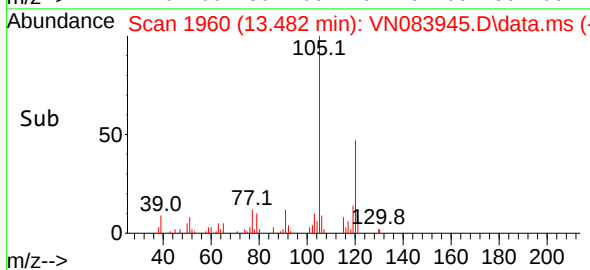
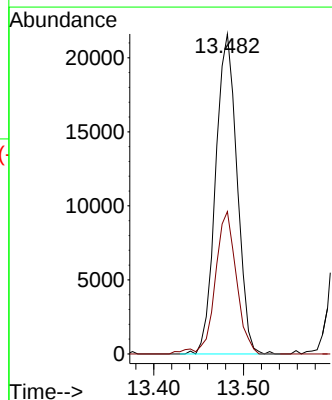
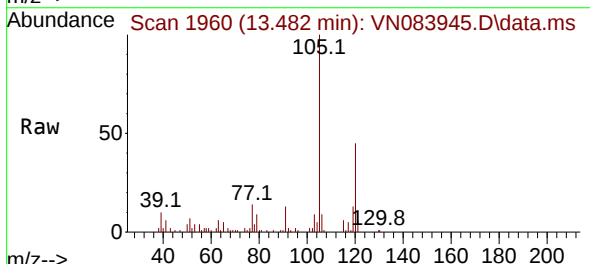
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A-08-202409

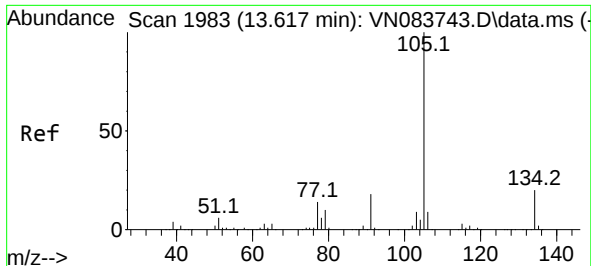
Tgt Ion:105 Resp: 26179
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.3



#84
 1,2,4-Trimethylbenzene
 Concen: 5.455 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN083945.D
 Acq: 17 Sep 2024 15:05

Tgt Ion:105 Resp: 35769
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.8 65.4

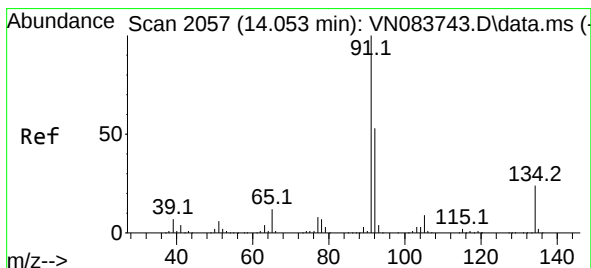
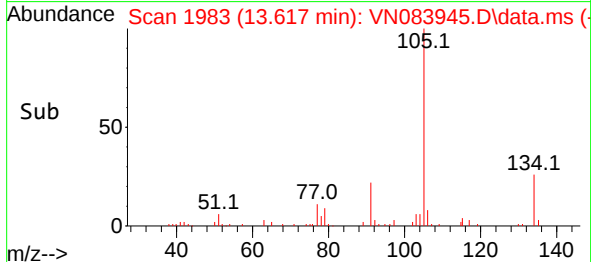
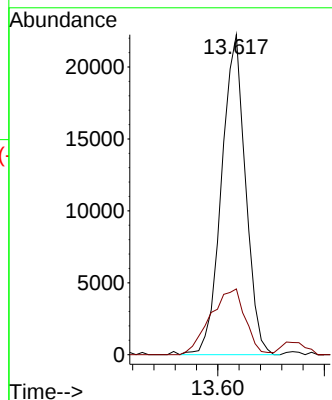
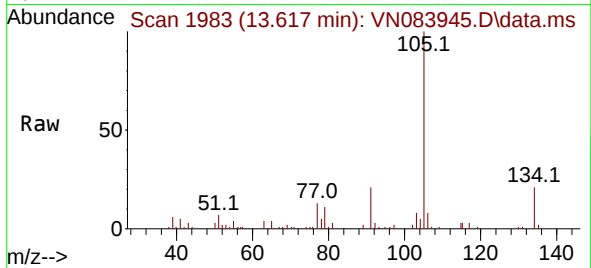




#85
 sec-Butylbenzene
 Concen: 4.580 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083945.D
 Acq: 17 Sep 2024 15:05

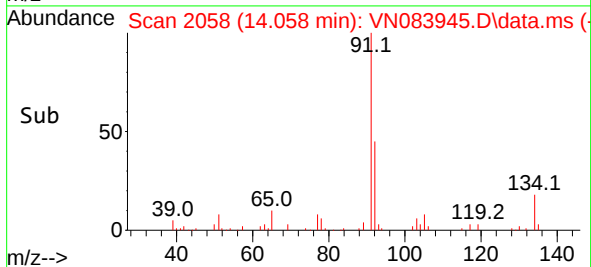
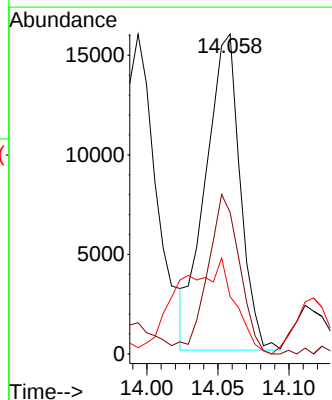
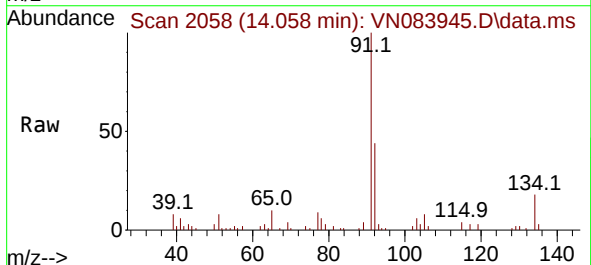
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A-08-202409

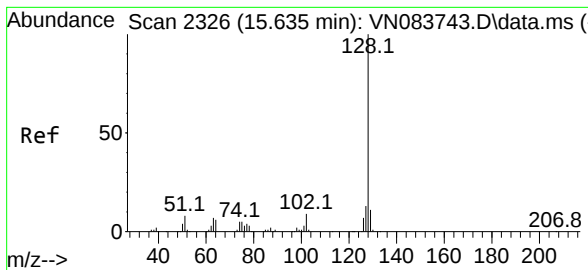
Tgt Ion:105 Resp: 34692
 Ion Ratio Lower Upper
 105 100
 134 30.0 9.7 29.1#



#89
 n-Butylbenzene
 Concen: 4.724 ug/l
 RT: 14.058 min Scan# 2058
 Delta R.T. 0.006 min
 Lab File: VN083945.D
 Acq: 17 Sep 2024 15:05

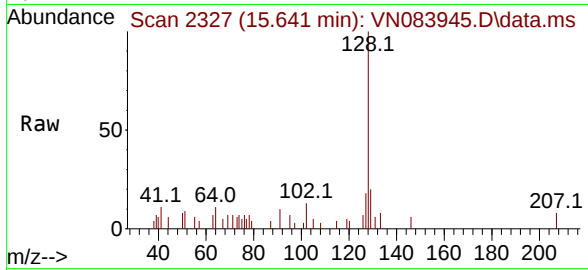
Tgt Ion: 91 Resp: 26928
 Ion Ratio Lower Upper
 91 100
 92 46.8 26.7 80.1
 134 0.0 12.2 36.4#





#95
Naphthalene
Concen: 1.402 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083945.D
Acq: 17 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409



Tgt Ion:128 Resp: 7770
Ion Ratio Lower Upper
128 100
127 18.9 10.2 15.2#
129 9.0 8.7 13.1

