

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086300.D
 Acq On : 16 Apr 2025 16:27
 Operator : JC\MD
 Sample : Q1760-07MEDL 10X
 Misc : 5.85g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15-VOCMEDL

Quant Time: Apr 16 16:41:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	193859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	365426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136621	48.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.200%
35) Dibromofluoromethane	8.165	113	94404	55.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.320%
50) Toluene-d8	10.565	98	470892	51.951	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.847	95	184075	55.678	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.360%

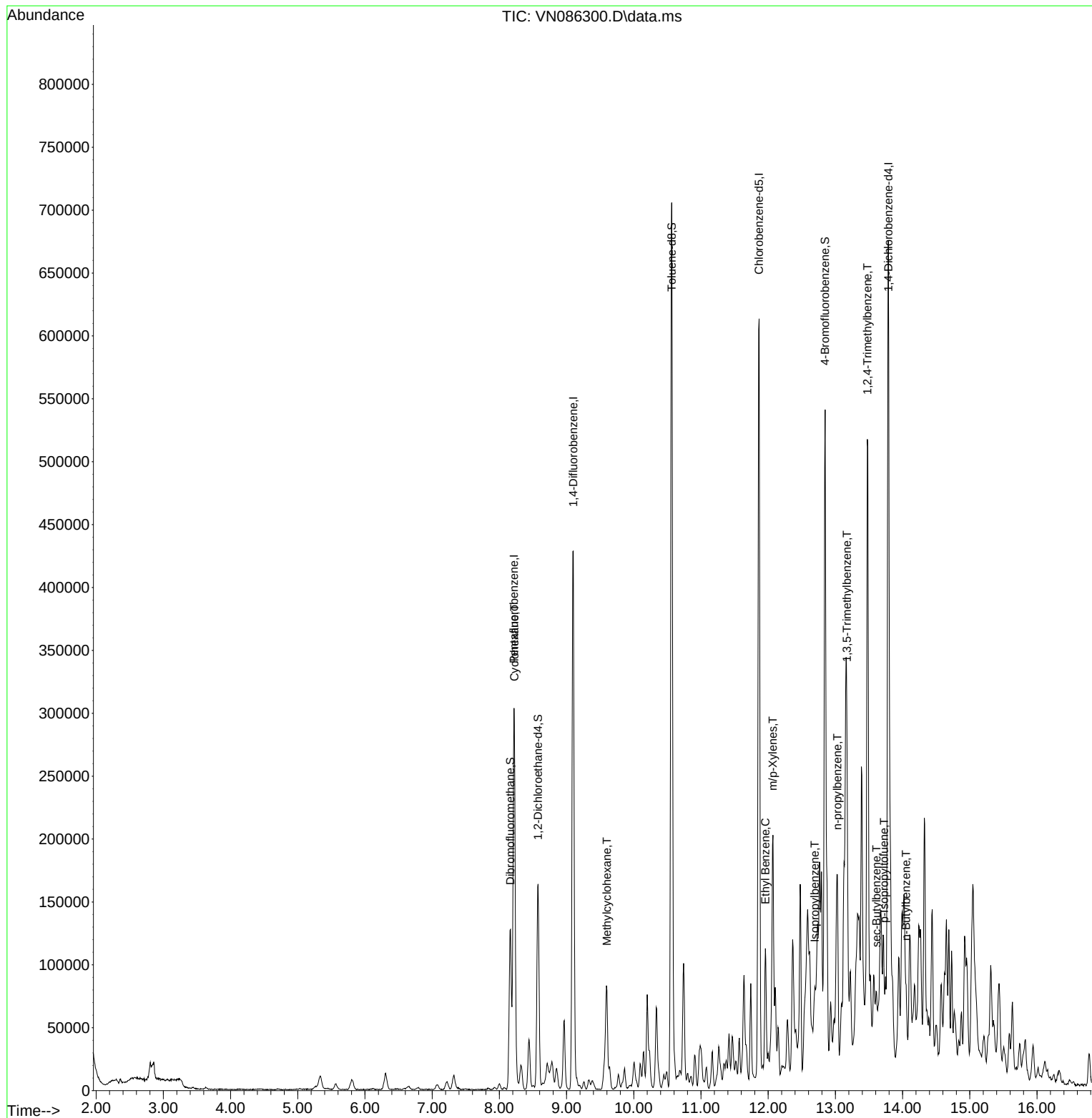
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	8.224	56	16118m	3.538	ug/l	
39) Methylcyclohexane	9.600	83	32877	8.165	ug/l	94
67) Ethyl Benzene	11.959	91	65484	4.704	ug/l	99
68) m/p-Xylenes	12.071	106	30654	5.877	ug/l	99
73) Isopropylbenzene	12.694	105	18120	1.352	ug/l	99
78) n-propylbenzene	13.029	91	85291	5.402	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	61719	5.628	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	282793	25.335	ug/l	100
85) sec-Butylbenzene	13.612	105	15901	1.207	ug/l #	69
86) p-Isopropyltoluene	13.723	119	7874	0.725	ug/l	98
89) n-Butylbenzene	14.053	91	45978	4.775	ug/l #	65

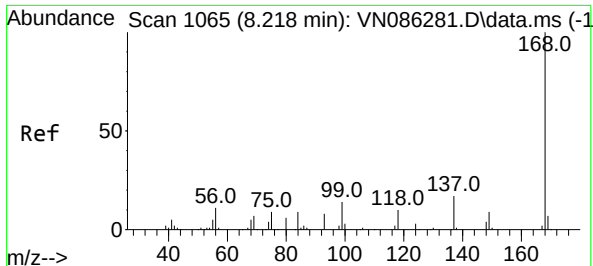
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
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Acq On : 16 Apr 2025 16:27
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Instrument :
MSVOA_N
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TP-15-VOCMEDL

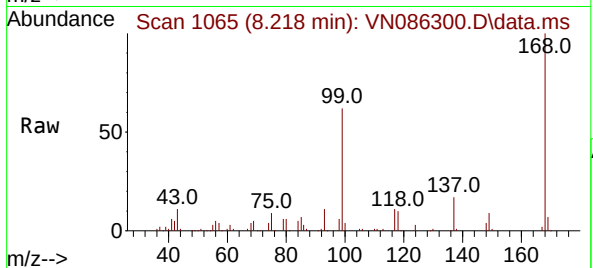
Quant Time: Apr 16 16:41:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



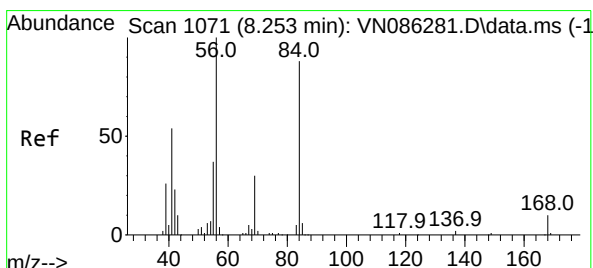
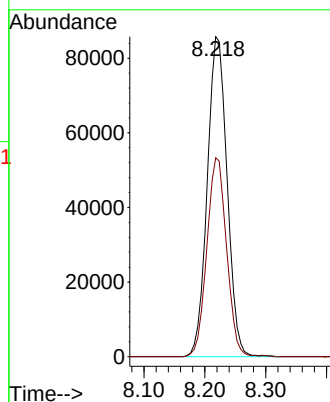
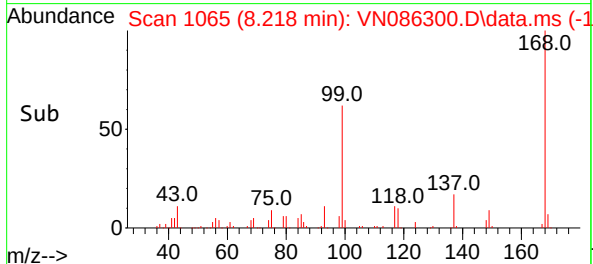


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

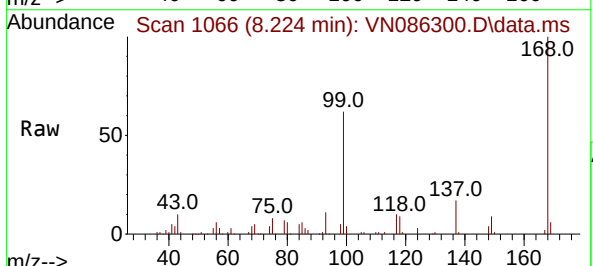
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCMEDL



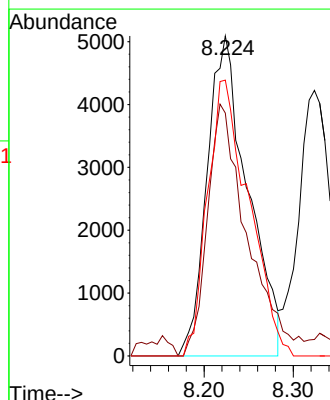
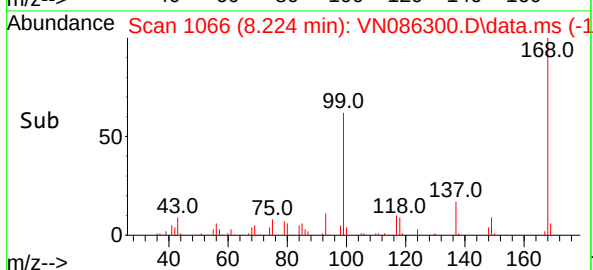
Tgt Ion:168 Resp: 193859
Ion Ratio Lower Upper
168 100
99 62.2 52.5 78.7

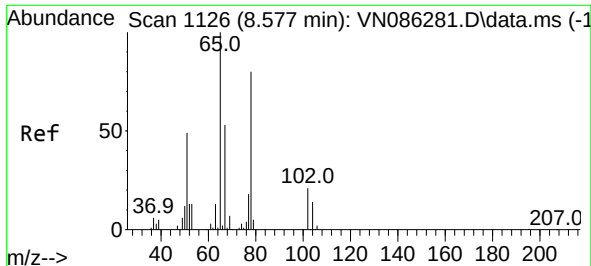


#31
Cyclohexane
Concen: 3.538 ug/l m
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27



Tgt Ion: 56 Resp: 16118
Ion Ratio Lower Upper
56 100
69 75.9 24.2 36.2#
84 86.2 70.3 105.5





#33

1,2-Dichloroethane-d4

Concen: 48.600 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086300.D

Acq: 16 Apr 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

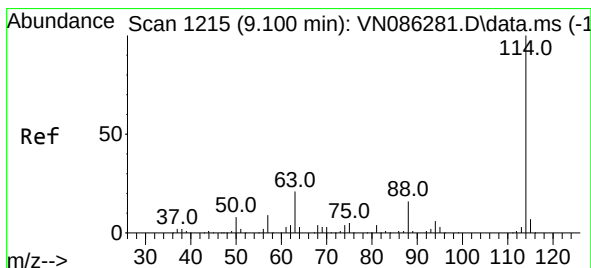
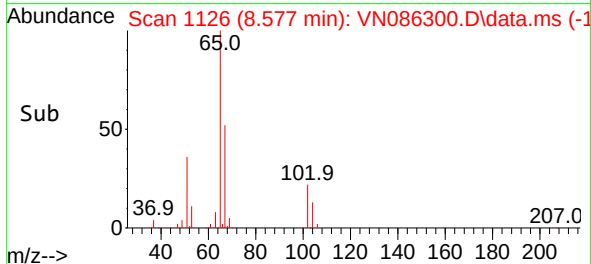
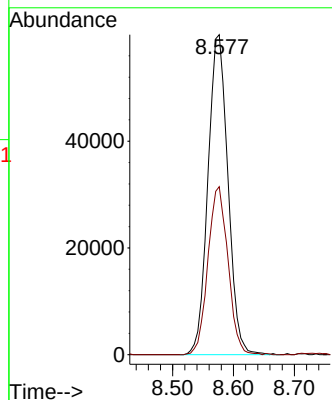
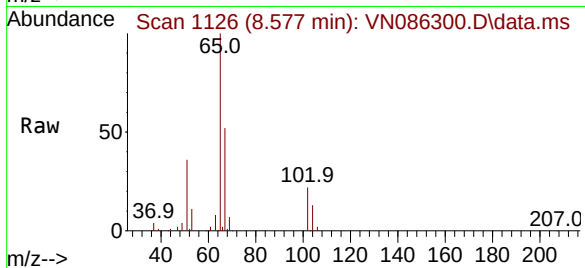
TP-15-VOCMEDL

Tgt Ion: 65 Resp: 136621

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086300.D

Acq: 16 Apr 2025 16:27

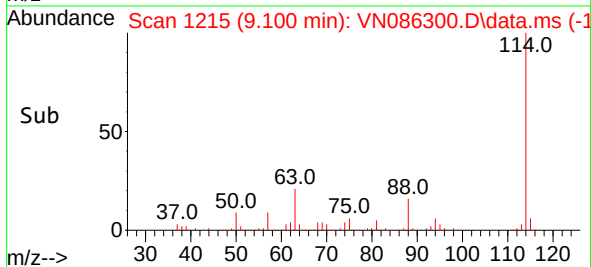
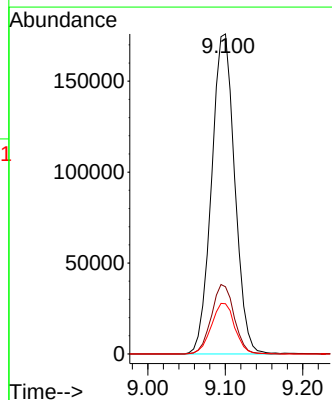
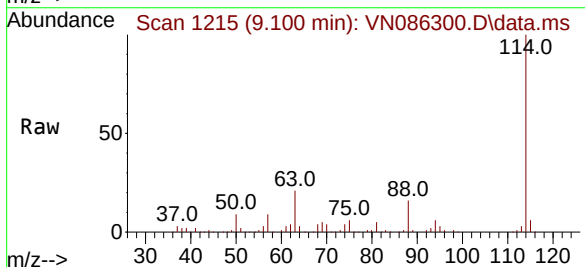
Tgt Ion: 114 Resp: 365426

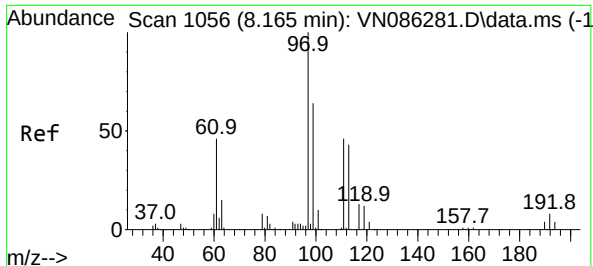
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.7 0.0 31.8

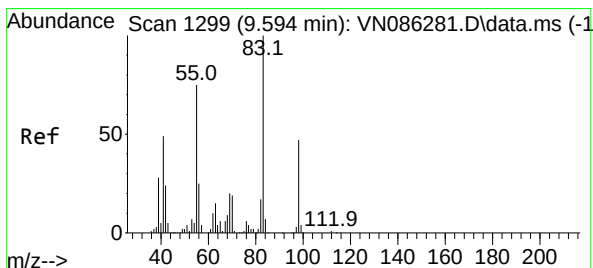
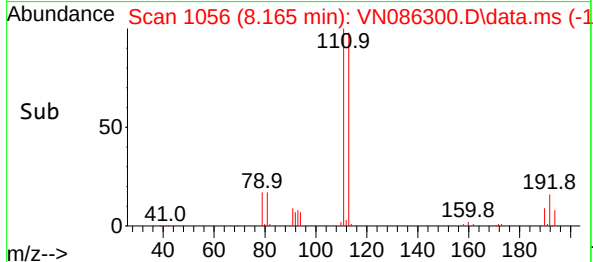
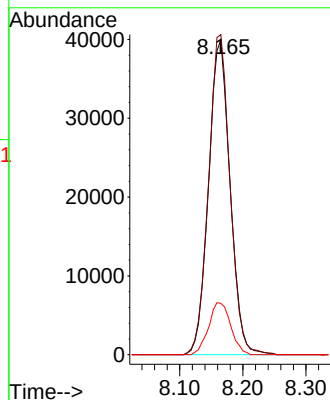
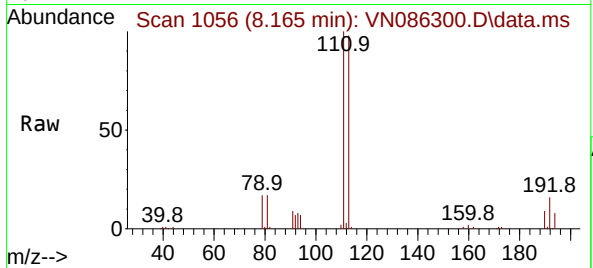




#35
Dibromofluoromethane
Concen: 55.663 ug/l
RT: 8.165 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

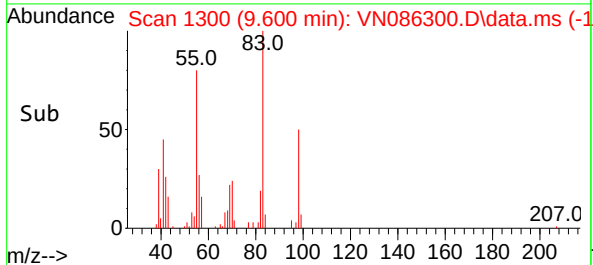
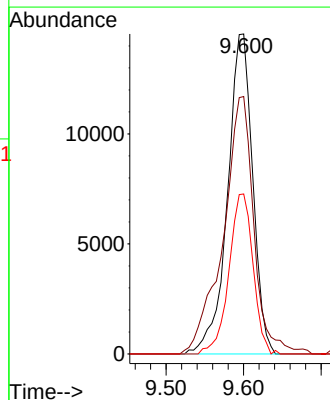
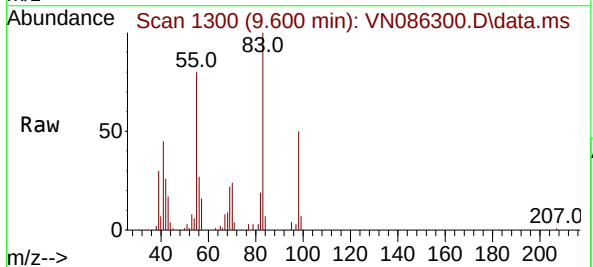
Instrument :
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TP-15-VOCMEDL

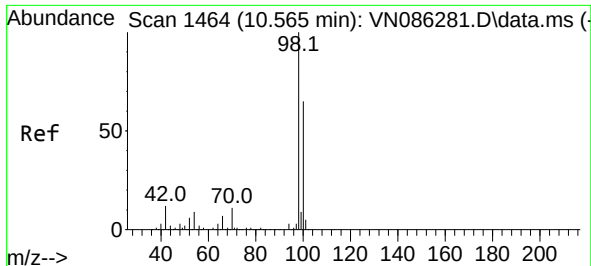
Tgt Ion:113 Resp: 94404
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.0
192 17.0 13.7 20.5



#39
Methylcyclohexane
Concen: 8.165 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

Tgt Ion: 83 Resp: 32877
Ion Ratio Lower Upper
83 100
55 80.5 59.8 89.8
98 50.0 37.9 56.9

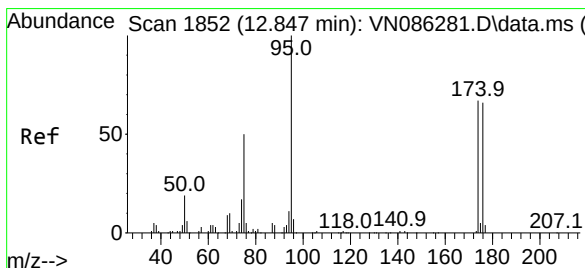
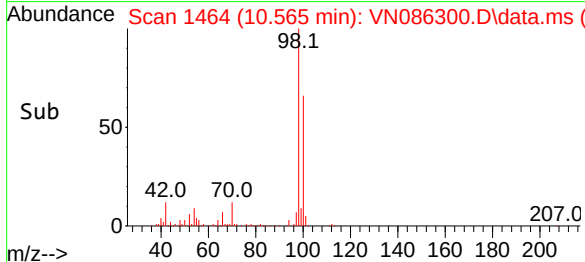
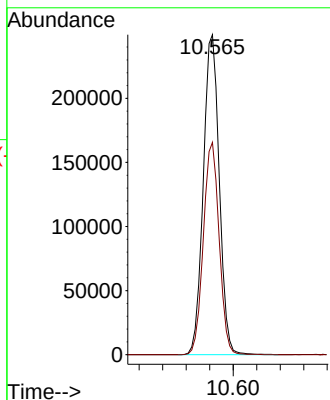
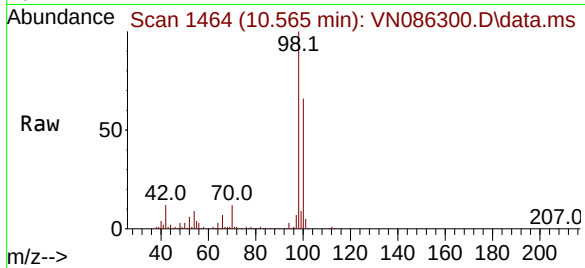




#50
Toluene-d8
Concen: 51.951 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

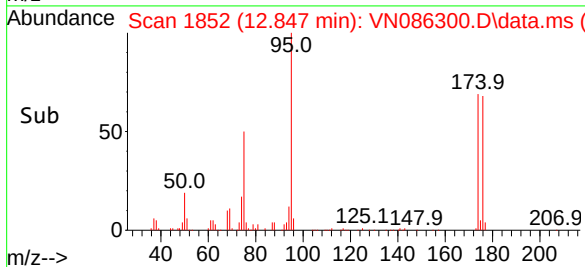
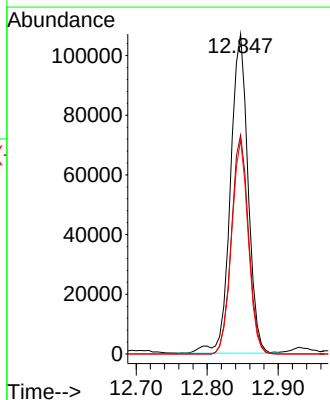
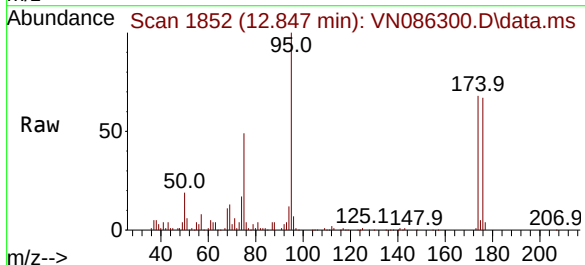
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCMEDL

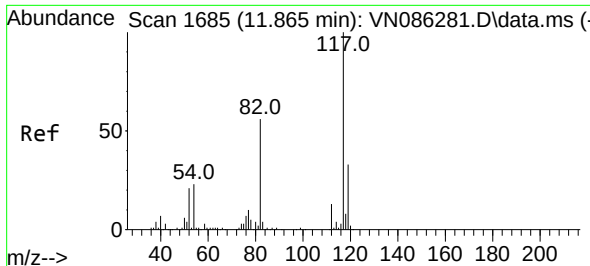
Tgt Ion: 98 Resp: 470892
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 55.678 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

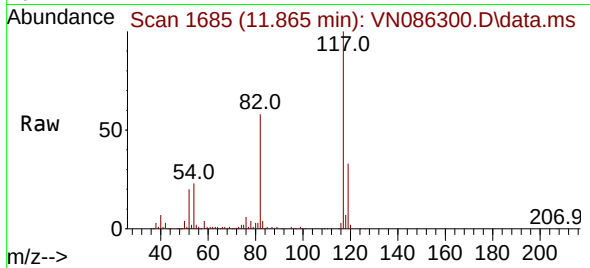
Tgt Ion: 95 Resp: 184075
Ion Ratio Lower Upper
95 100
174 66.6 0.0 133.4
176 63.6 0.0 129.2



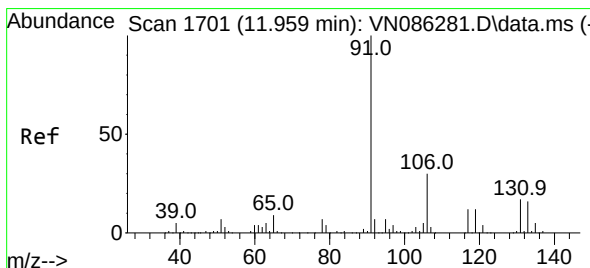
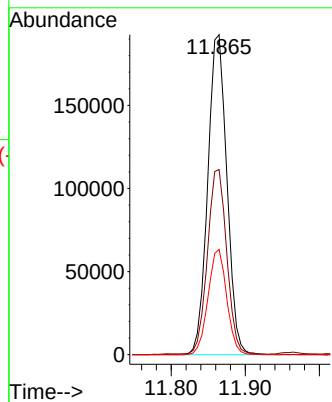
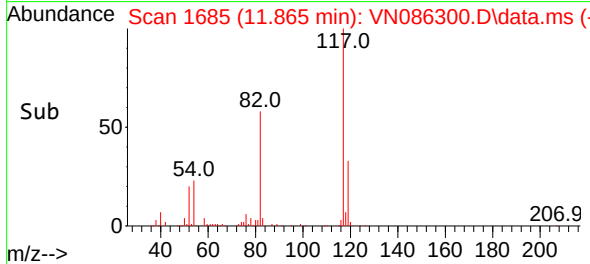


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCMEDL

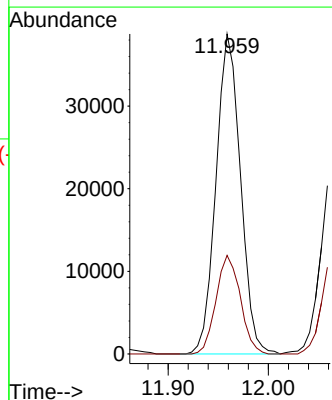
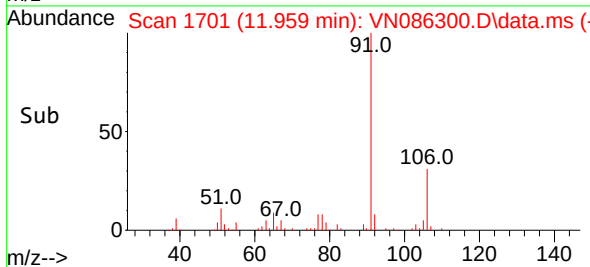
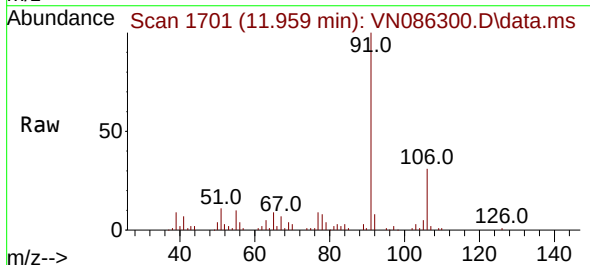


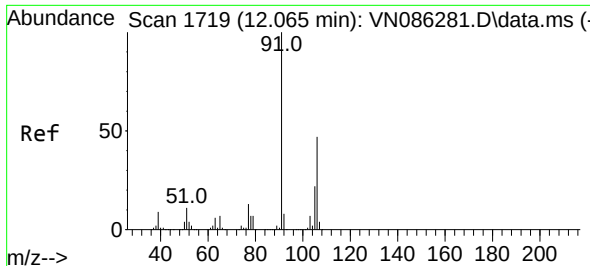
Tgt Ion:117 Resp: 345679
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 32.9 26.4 39.6



#67
Ethyl Benzene
Concen: 4.704 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

Tgt Ion: 91 Resp: 65484
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5

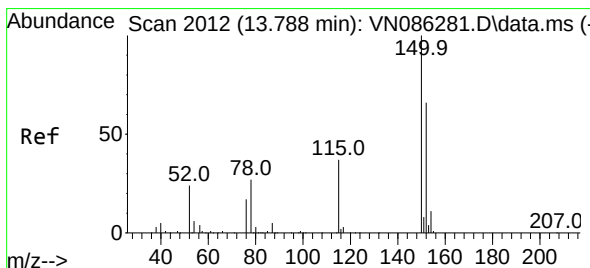
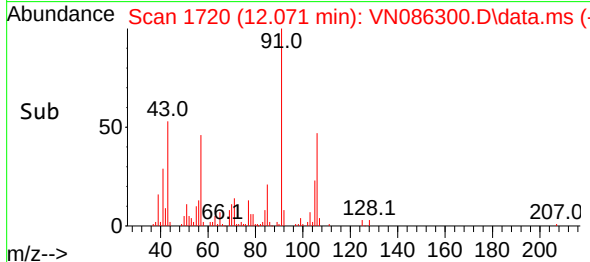
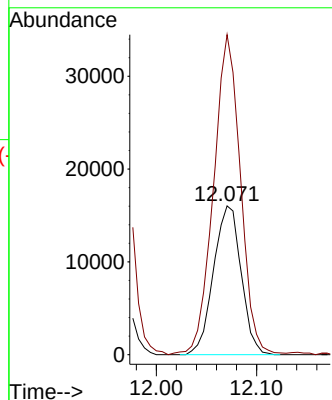
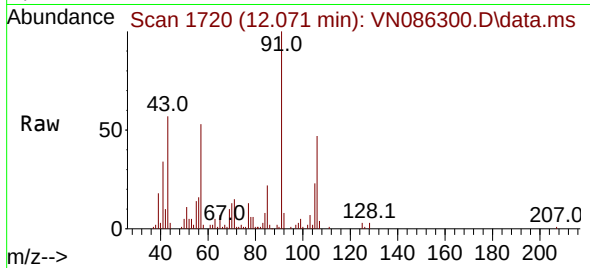




#68
m/p-Xylenes
Concen: 5.877 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

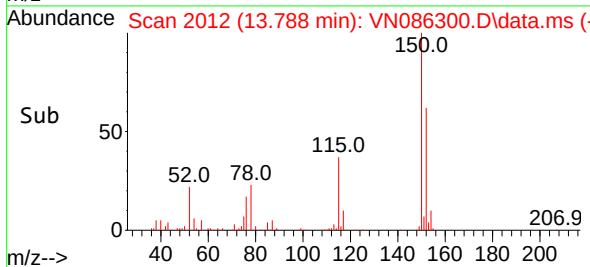
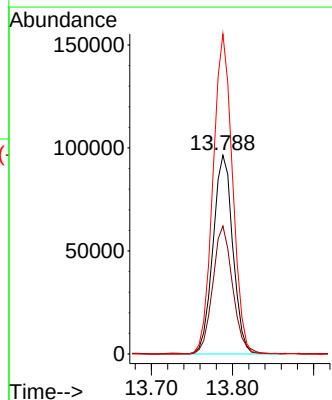
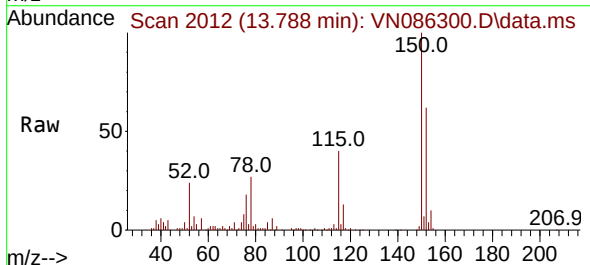
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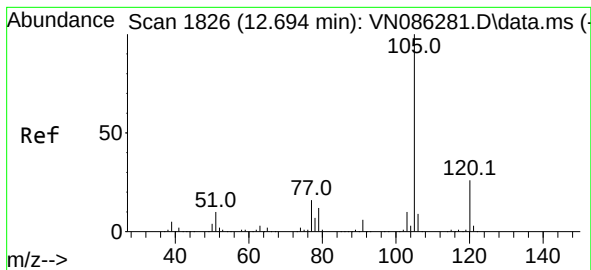
Tgt Ion:106 Resp: 30654
Ion Ratio Lower Upper
106 100
91 210.1 166.5 249.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN086300.D
Acq: 16 Apr 2025 16:27

Tgt Ion:152 Resp: 163782
Ion Ratio Lower Upper
152 100
115 64.8 31.9 95.9
150 158.2 0.0 352.0





#73

Isopropylbenzene

Concen: 1.352 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086300.D

Acq: 16 Apr 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

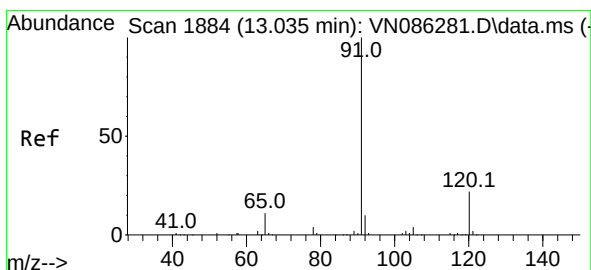
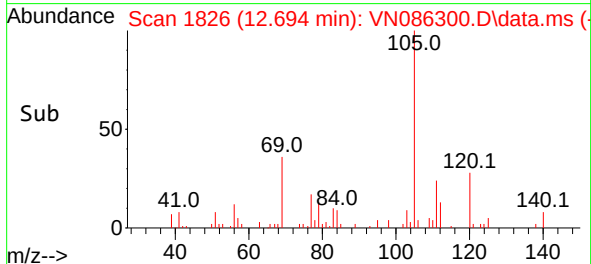
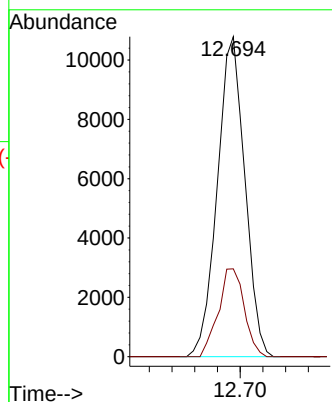
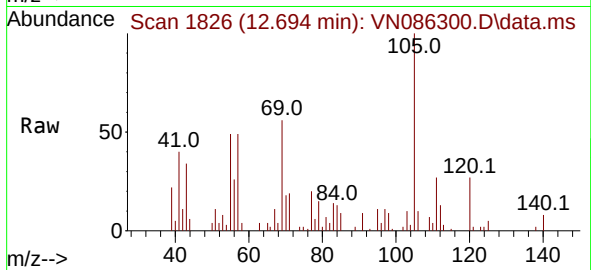
TP-15-VOCMEDL

Tgt Ion:105 Resp: 18120

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



#78

n-propylbenzene

Concen: 5.402 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086300.D

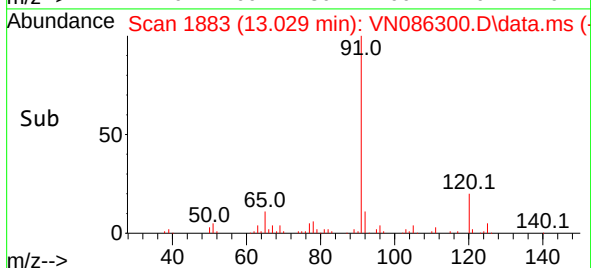
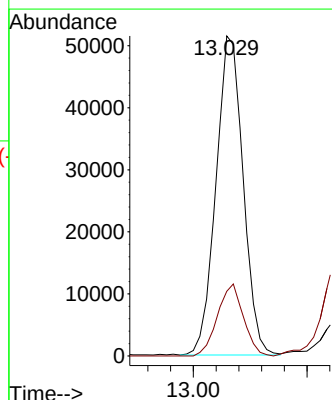
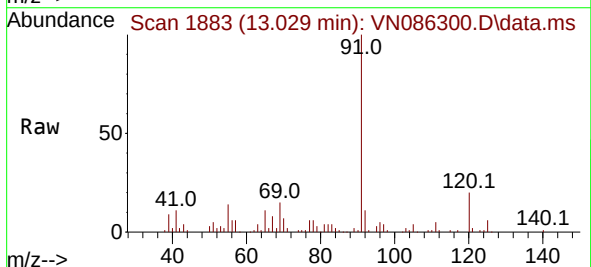
Acq: 16 Apr 2025 16:27

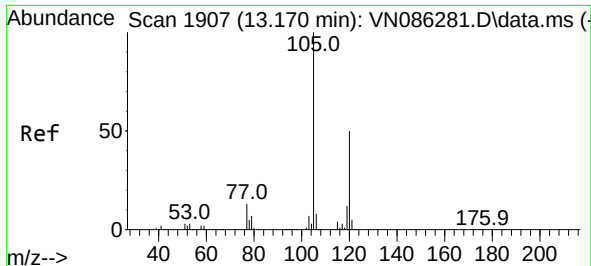
Tgt Ion: 91 Resp: 85291

Ion Ratio Lower Upper

91 100

120 21.5 11.1 33.3

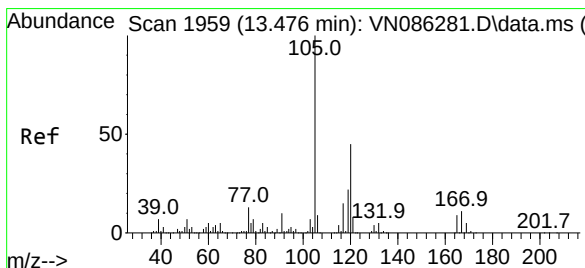
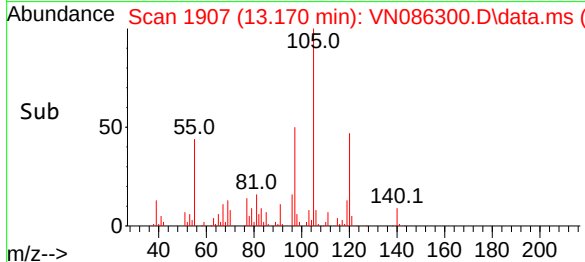
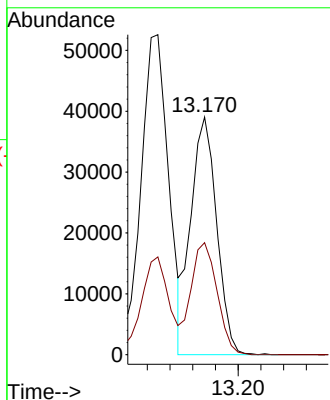
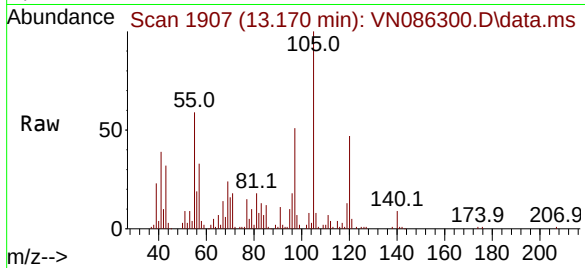




#80
 1,3,5-Trimethylbenzene
 Concen: 5.628 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN086300.D
 Acq: 16 Apr 2025 16:27

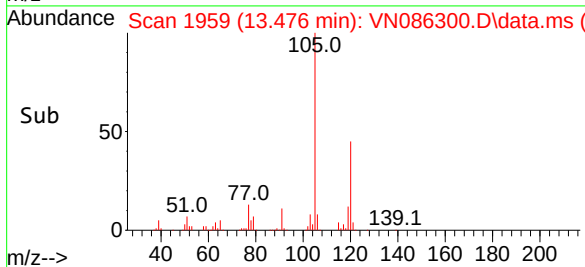
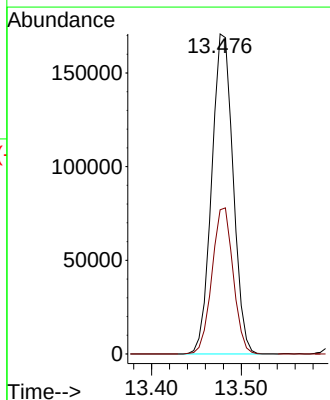
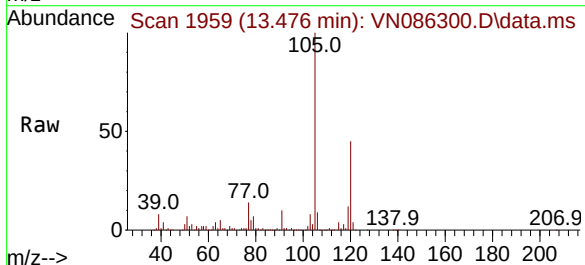
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15-VOCMEDL

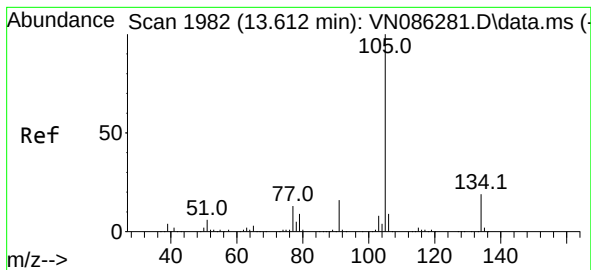
Tgt Ion:105 Resp: 61719
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.5 73.5



#84
 1,2,4-Trimethylbenzene
 Concen: 25.335 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086300.D
 Acq: 16 Apr 2025 16:27

Tgt Ion:105 Resp: 282793
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 1.207 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086300.D

Acq: 16 Apr 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

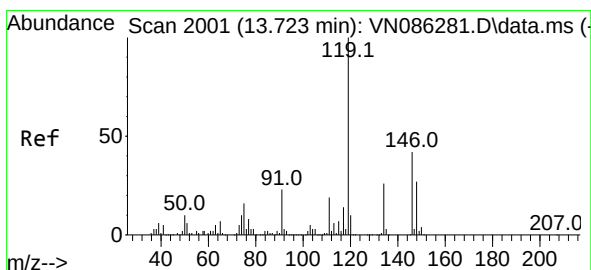
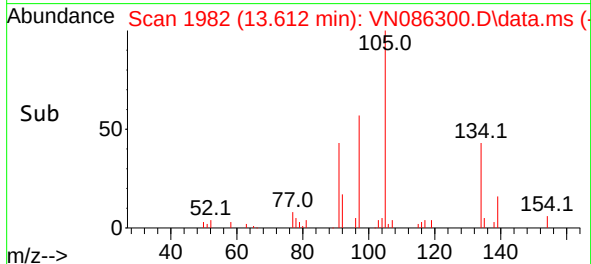
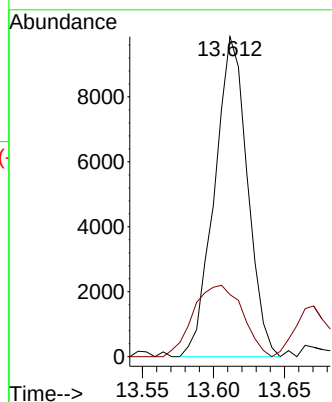
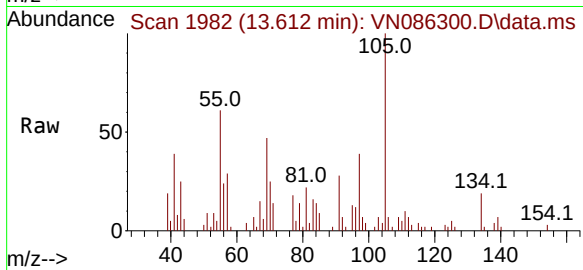
TP-15-VOCMEDL

Tgt Ion:105 Resp: 15901

Ion Ratio Lower Upper

105 100

134 33.3 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 0.725 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086300.D

Acq: 16 Apr 2025 16:27

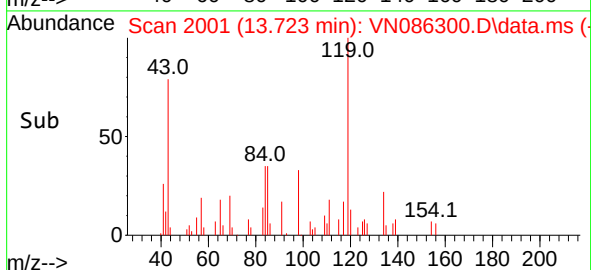
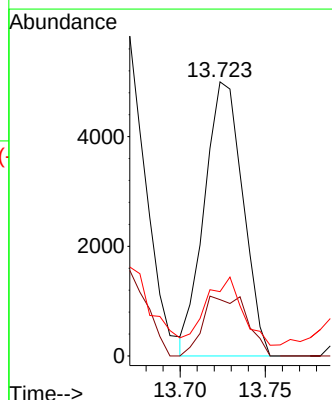
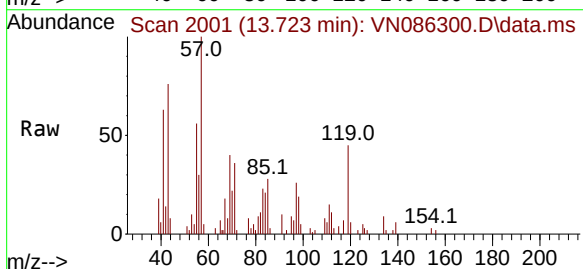
Tgt Ion:119 Resp: 7874

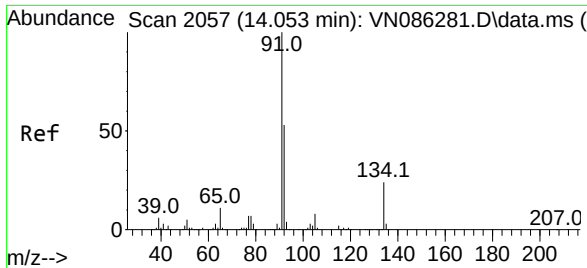
Ion Ratio Lower Upper

119 100

134 24.9 13.1 39.1

91 23.0 11.9 35.9





#89

n-Butylbenzene

Concen: 4.775 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086300.D

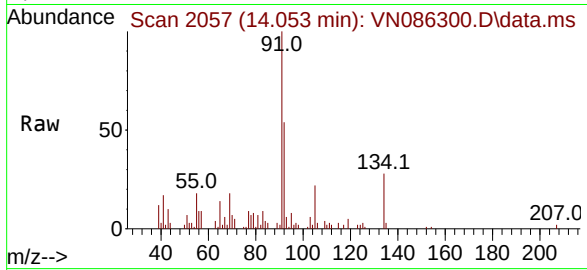
Acq: 16 Apr 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

TP-15-VOCMEDL



Tgt Ion:	91	Resp:	45978
Ion Ratio	Lower	Upper	
91	100		
92	33.6	26.8	80.4
134	0.0	12.2	36.6

