

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085732.D
 Acq On : 10 Feb 2025 18:35
 Operator : JC\MD
 Sample : Q1331-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1R

Quant Time: Feb 11 03:27:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

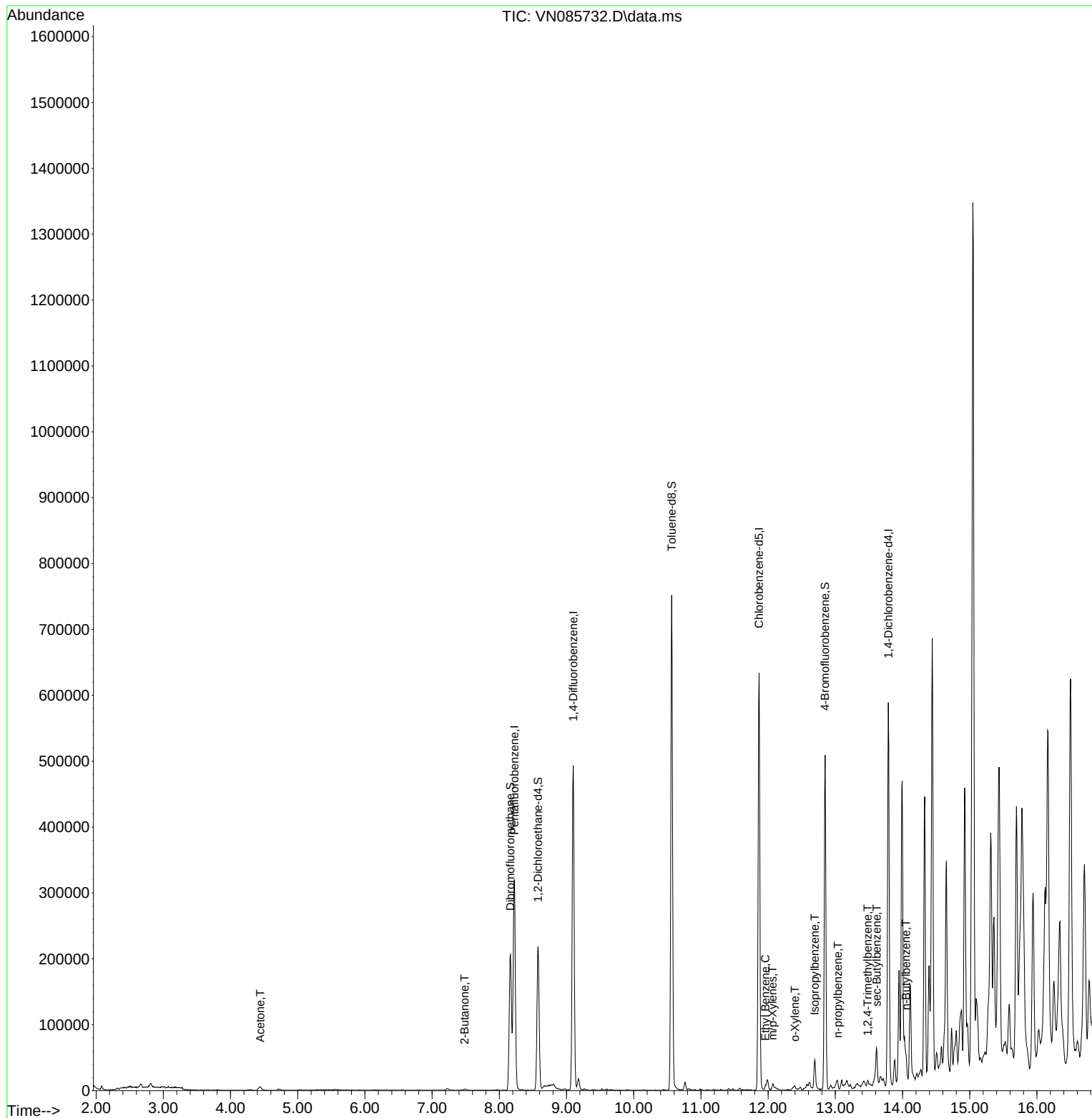
Internal Standards						
1) Pentafluorobenzene	8.224	168	227906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	425293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182445	49.593	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.180%
35) Dibromofluoromethane	8.165	113	151457	51.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.565	98	515376	49.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.847	95	172349	48.062	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.120%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	11280	9.490	ug/l #	89
25) 2-Butanone	7.483	43	2914	1.666	ug/l	94
67) Ethyl Benzene	11.959	91	3214	0.247	ug/l #	89
68) m/p-Xylenes	12.065	106	3060	0.637	ug/l	88
69) o-Xylene	12.400	106	1137	0.248	ug/l	56
73) Isopropylbenzene	12.694	105	25917	2.431	ug/l	95
78) n-propylbenzene	13.035	91	6883	0.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	6454	0.735	ug/l	93
85) sec-Butylbenzene	13.618	105	35491	3.462	ug/l	94
89) n-Butylbenzene	14.053	91	23716	3.225	ug/l #	78

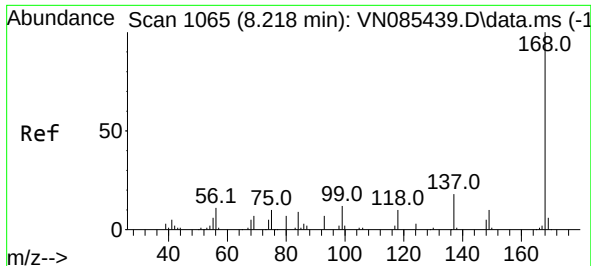
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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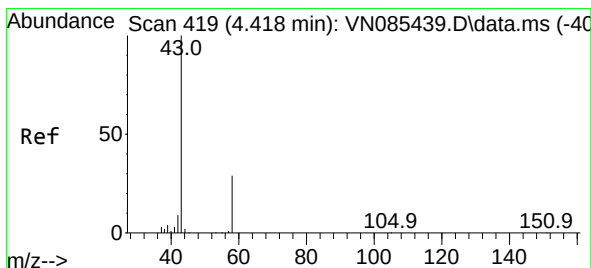
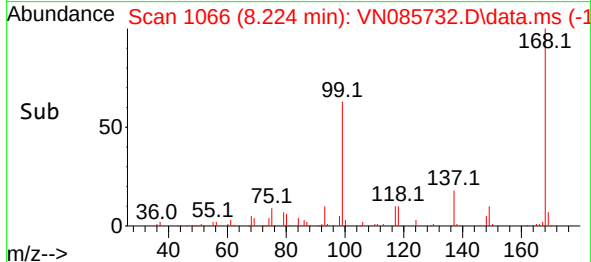
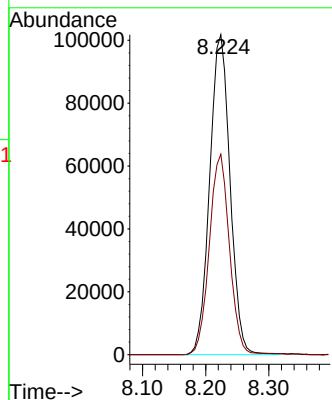
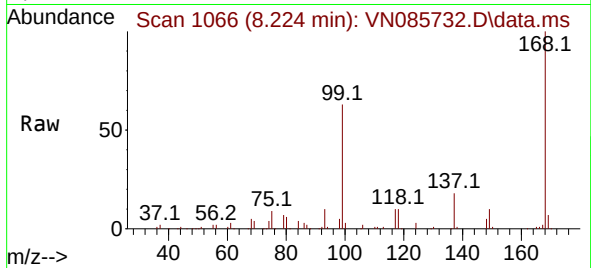




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

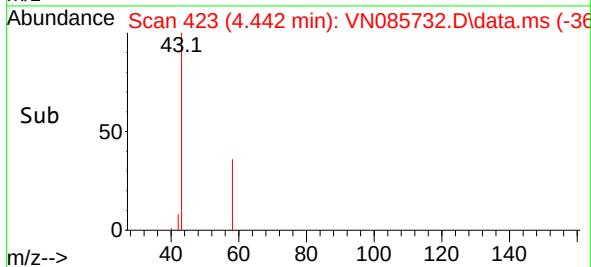
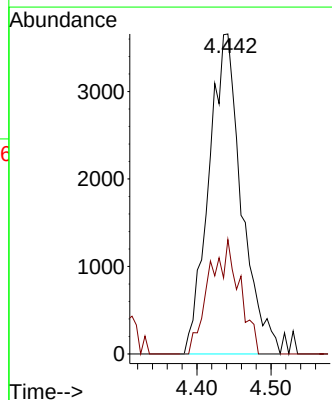
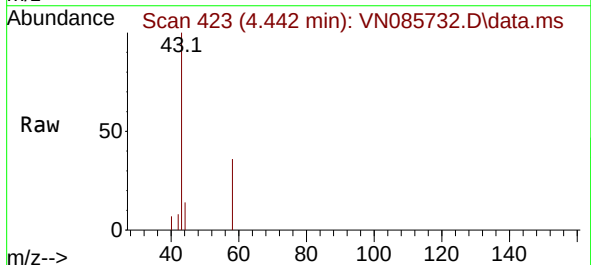
Instrument :
MSVOA_N
ClientSampleId :
MW1R

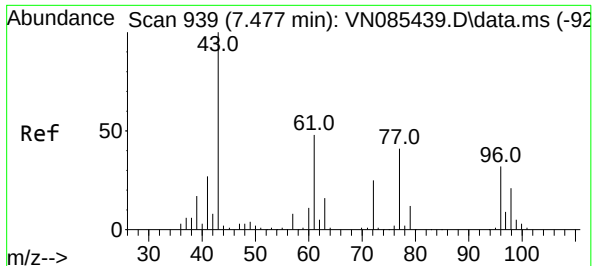
Tgt Ion:168 Resp: 227906
Ion Ratio Lower Upper
168 100
99 62.6 53.6 80.4



#16
Acetone
Concen: 9.490 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 43 Resp: 11280
Ion Ratio Lower Upper
43 100
58 35.7 23.8 35.6#

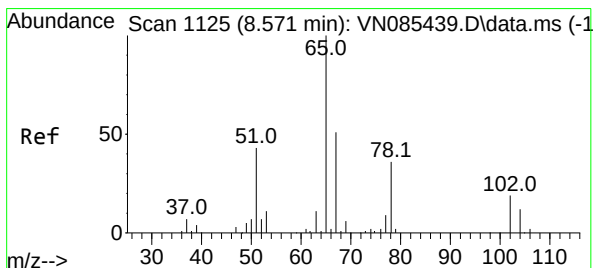
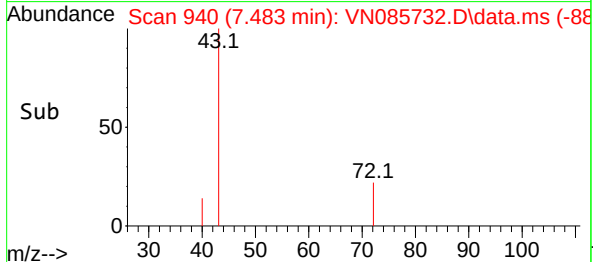
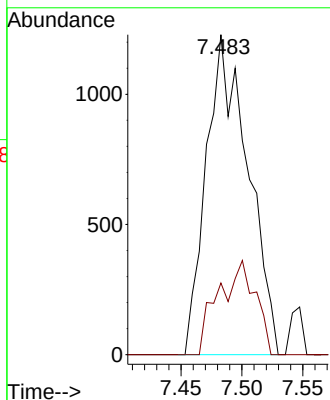
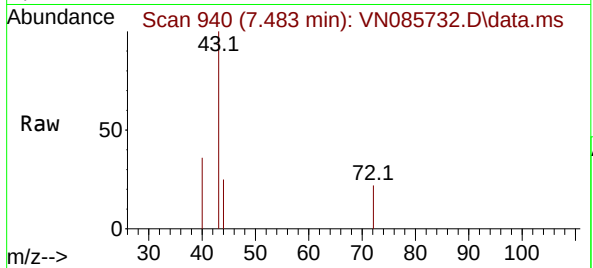




#25
2-Butanone
Concen: 1.666 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

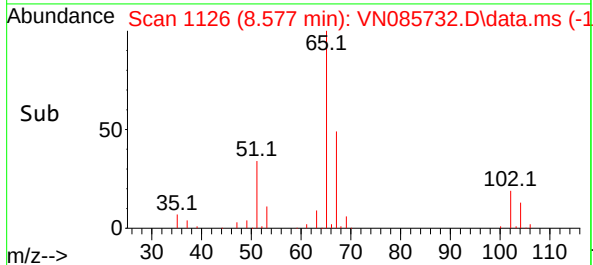
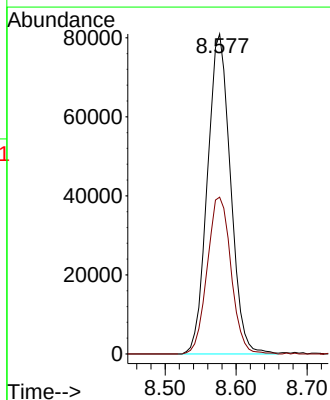
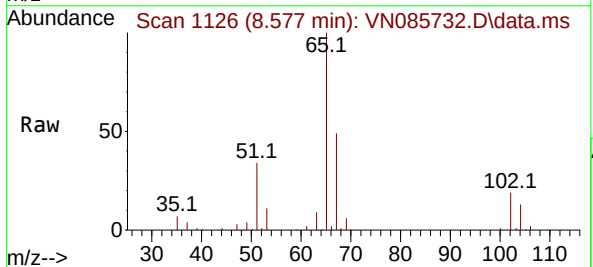
Instrument :
MSVOA_N
ClientSampleId :
MW1R

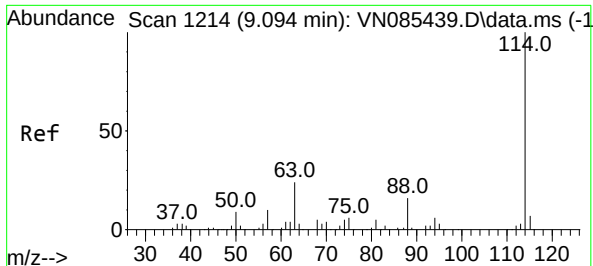
Tgt Ion: 43 Resp: 2914
Ion Ratio Lower Upper
43 100
72 22.4 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 49.593 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 65 Resp: 182445
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085732.D

Acq: 10 Feb 2025 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW1R

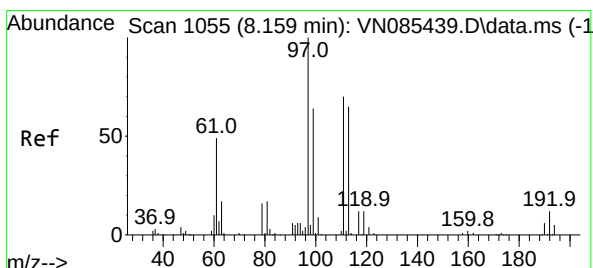
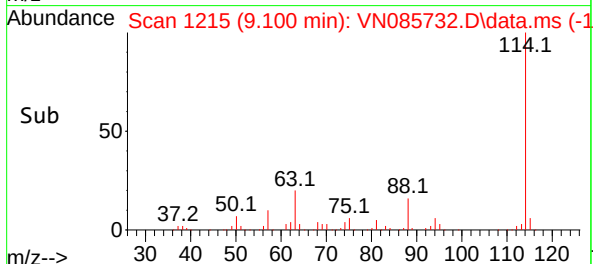
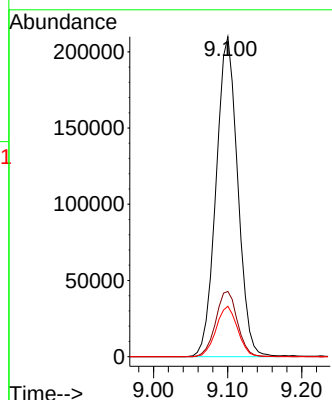
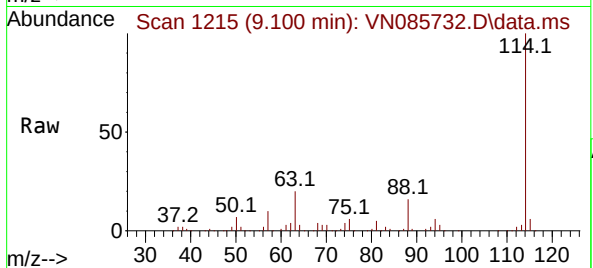
Tgt Ion:114 Resp: 425293

Ion Ratio Lower Upper

114 100

63 20.4 0.0 47.6

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.333 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085732.D

Acq: 10 Feb 2025 18:35

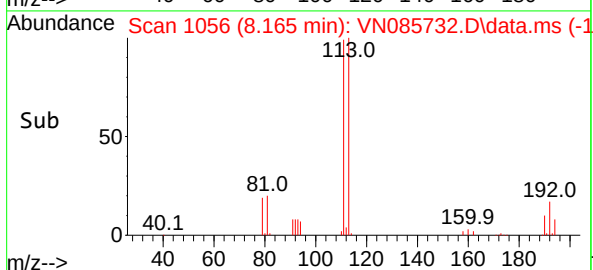
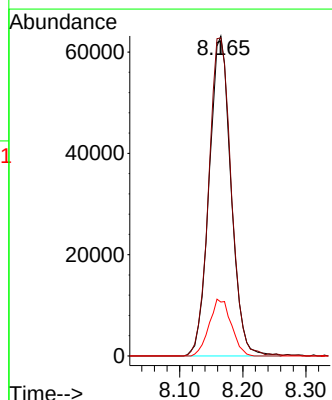
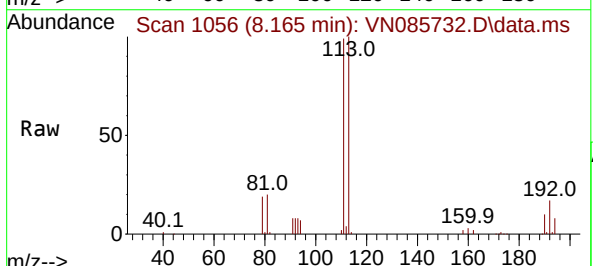
Tgt Ion:113 Resp: 151457

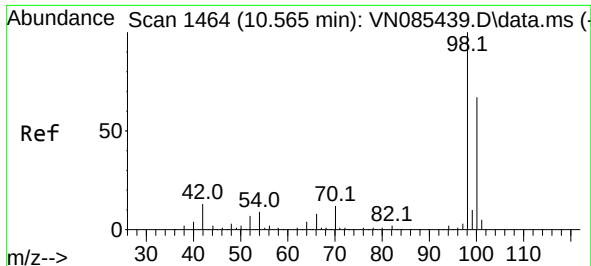
Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 17.9 14.3 21.5

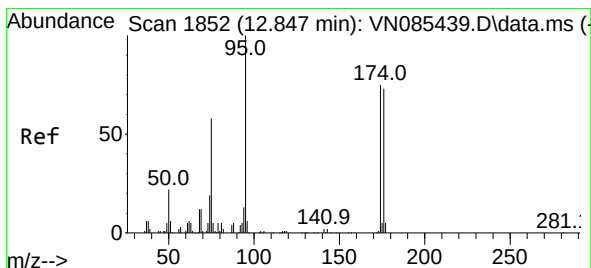
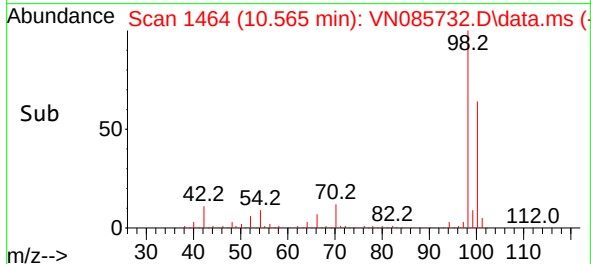
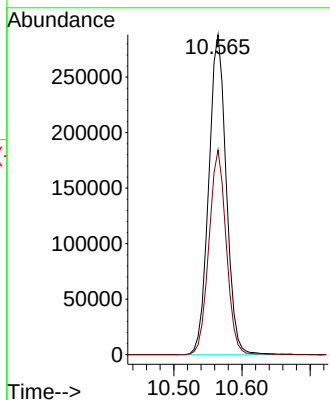
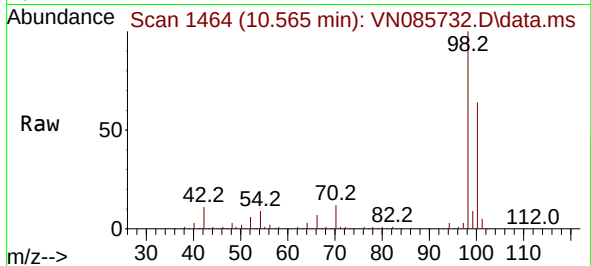




#50
Toluene-d8
Concen: 49.163 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

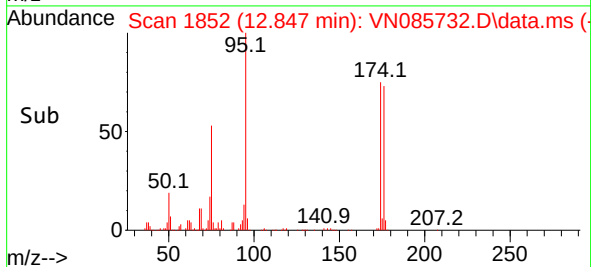
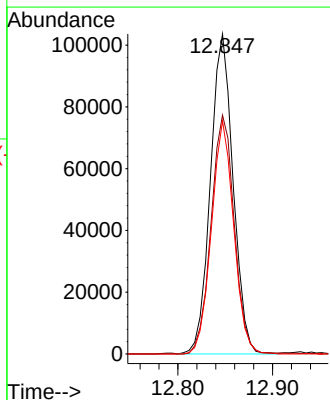
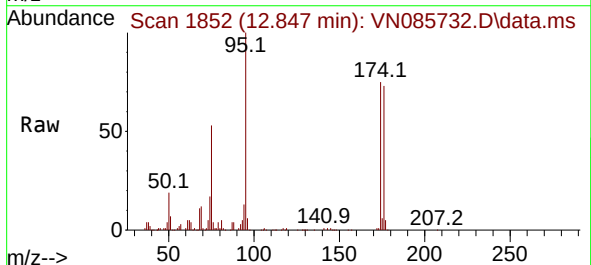
Instrument :
MSVOA_N
ClientSampleId :
MW1R

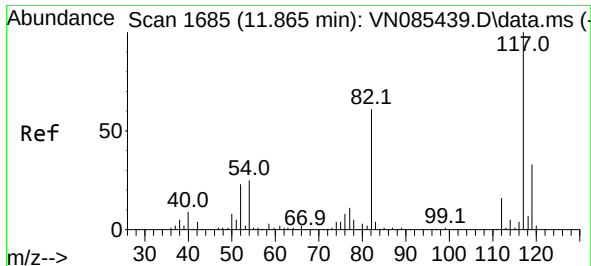
Tgt Ion: 98 Resp: 515376
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.062 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 95 Resp: 172349
Ion Ratio Lower Upper
95 100
174 76.2 0.0 145.0
176 71.6 0.0 142.4

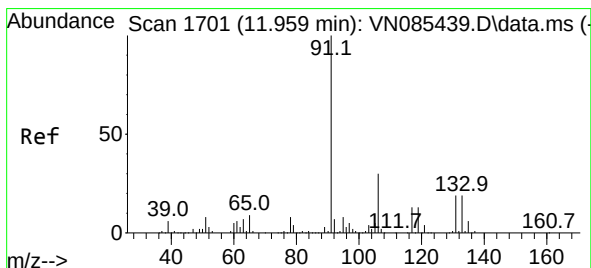
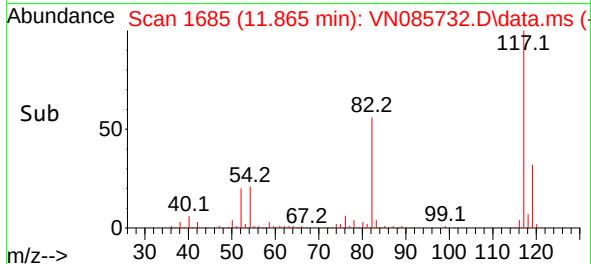
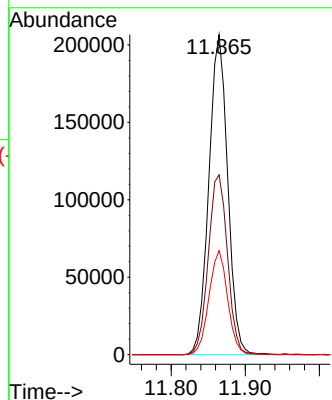
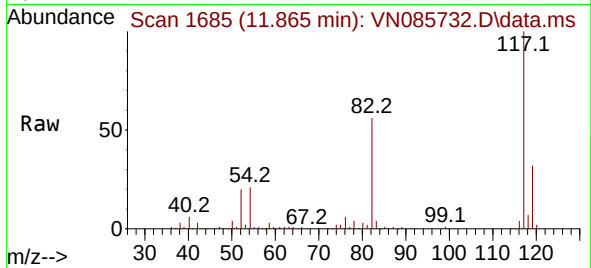




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

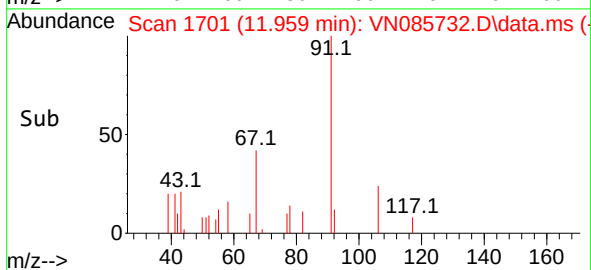
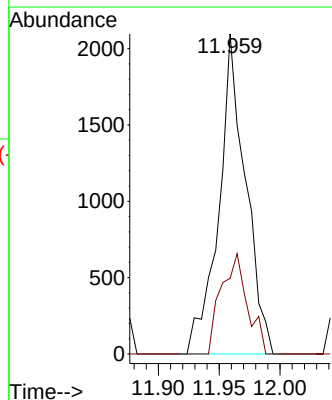
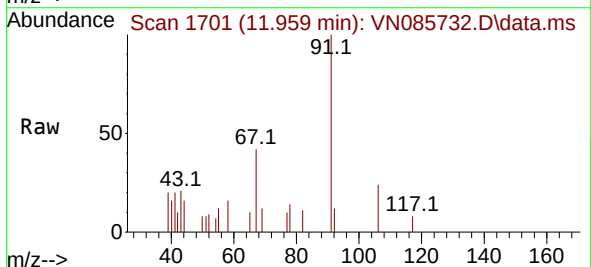
Instrument :
MSVOA_N
ClientSampleId :
MW1R

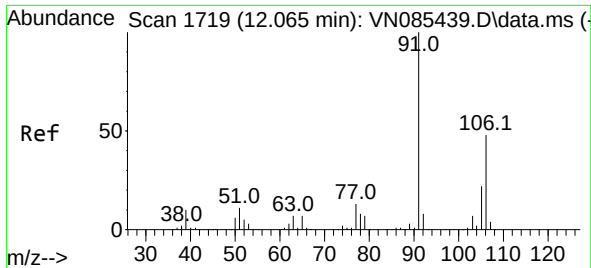
Tgt Ion:117 Resp: 364425
Ion Ratio Lower Upper
117 100
82 56.2 48.6 72.8
119 32.5 26.6 39.8



#67
Ethyl Benzene
Concen: 0.247 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 91 Resp: 3214
Ion Ratio Lower Upper
91 100
106 23.7 23.8 35.8#

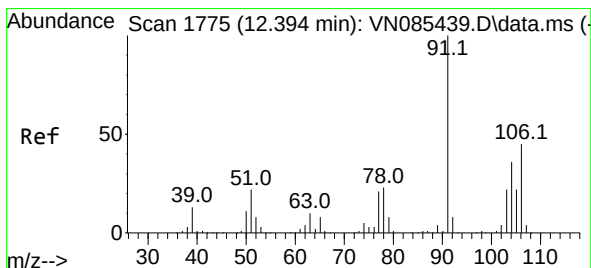
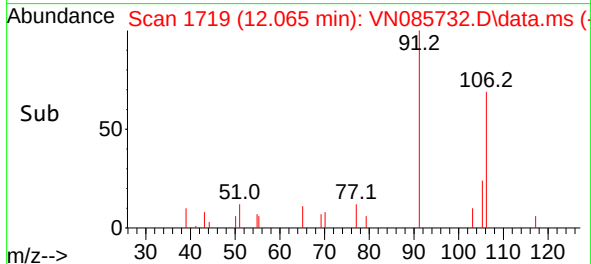
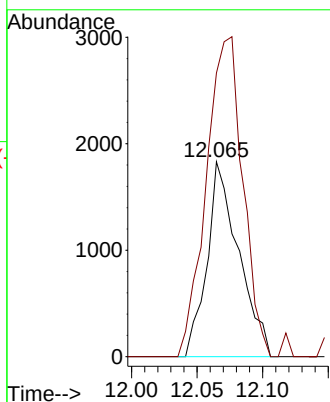
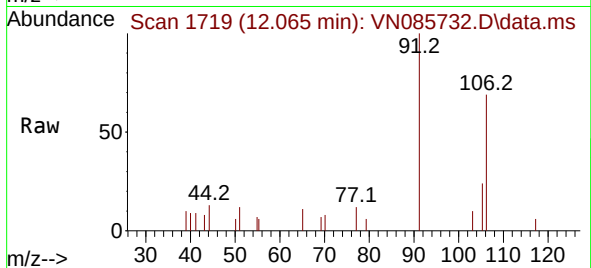




#68
m/p-Xylenes
Concen: 0.637 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

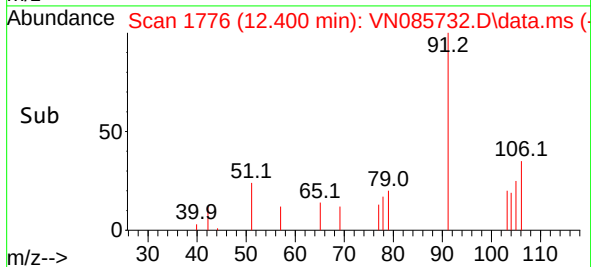
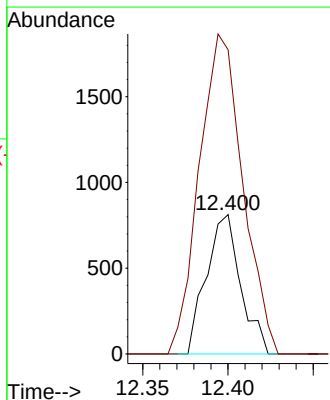
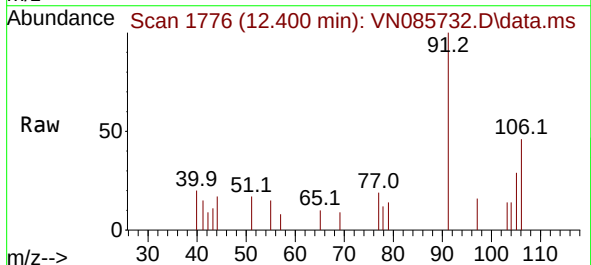
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ClientSampleId :
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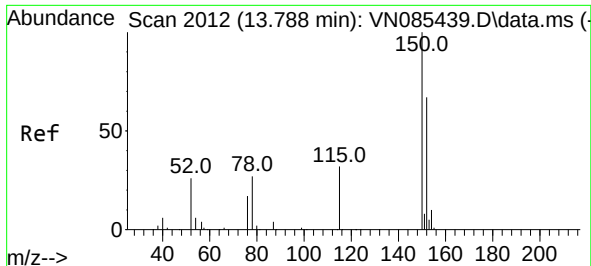
Tgt Ion:106 Resp: 3060
Ion Ratio Lower Upper
106 100
91 190.2 167.7 251.5



#69
o-Xylene
Concen: 0.248 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion:106 Resp: 1137
Ion Ratio Lower Upper
106 100
91 291.3 110.4 331.2

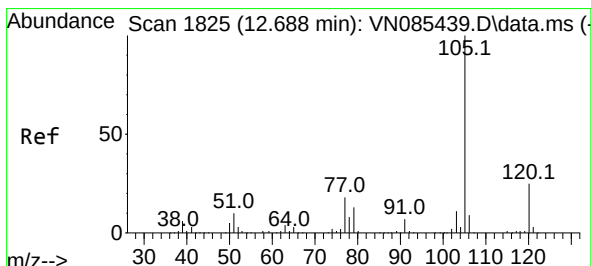
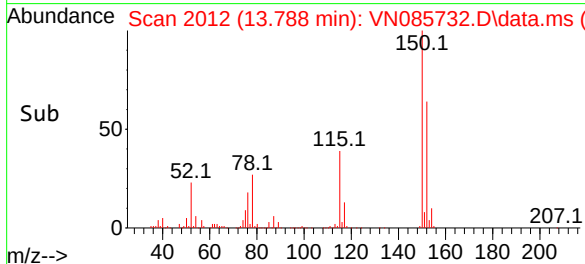
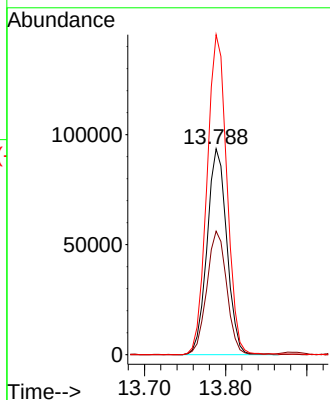
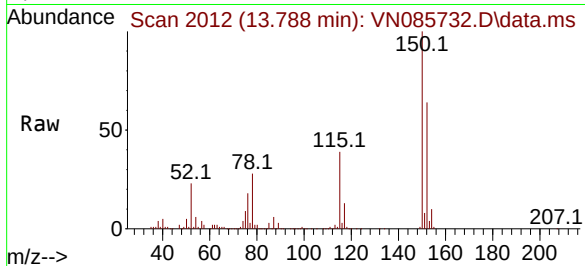




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

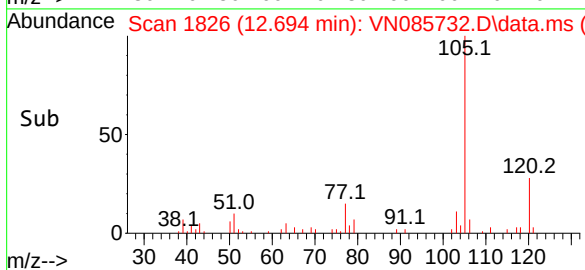
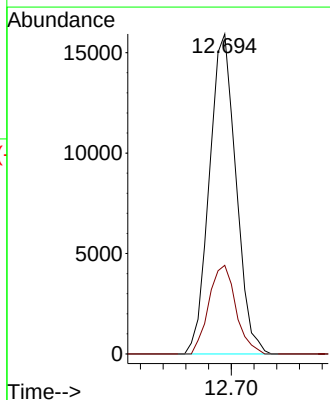
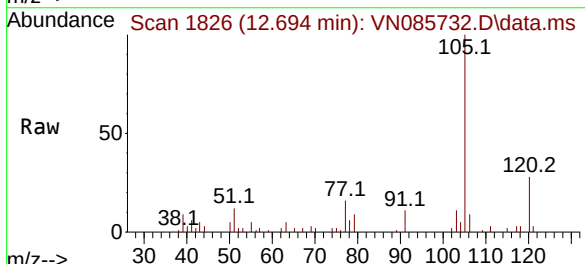
Instrument :
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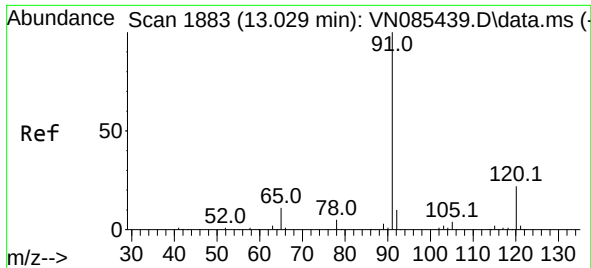
Tgt Ion:152 Resp: 157983
Ion Ratio Lower Upper
152 100
115 60.6 31.1 93.3
150 156.0 0.0 343.6



#73
Isopropylbenzene
Concen: 2.431 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion:105 Resp: 25917
Ion Ratio Lower Upper
105 100
120 28.1 12.8 38.3

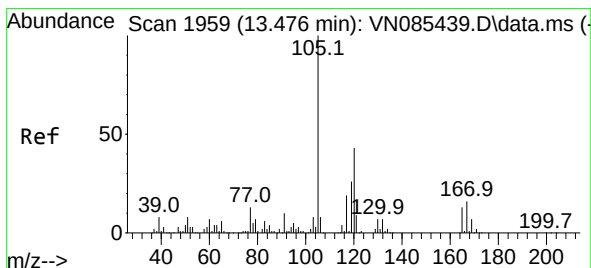
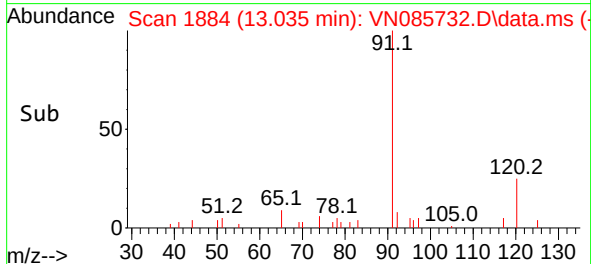
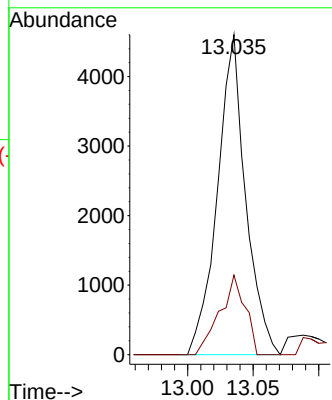
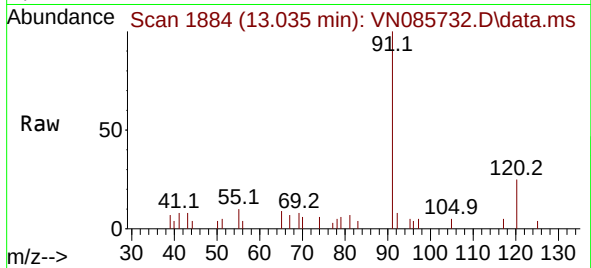




#78
n-propylbenzene
Concen: 0.545 ug/l
RT: 13.035 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

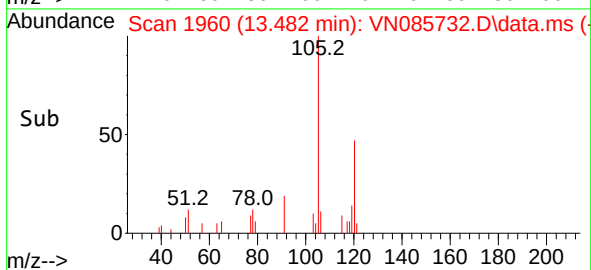
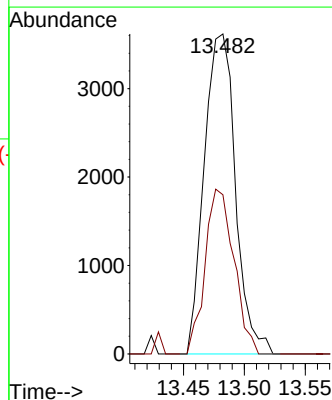
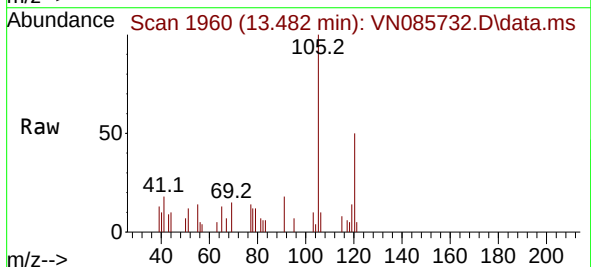
Instrument :
MSVOA_N
ClientSampleId :
MW1R

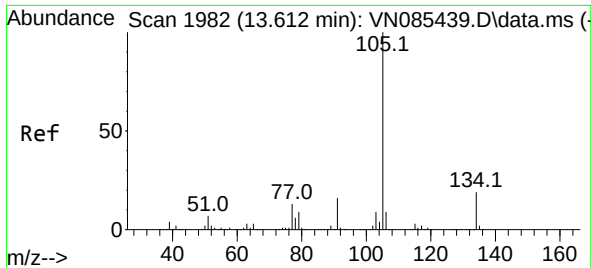
Tgt Ion: 91 Resp: 6883
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.6



#84
1,2,4-Trimethylbenzene
Concen: 0.735 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 105 Resp: 6454
Ion Ratio Lower Upper
105 100
120 47.5 21.6 65.0

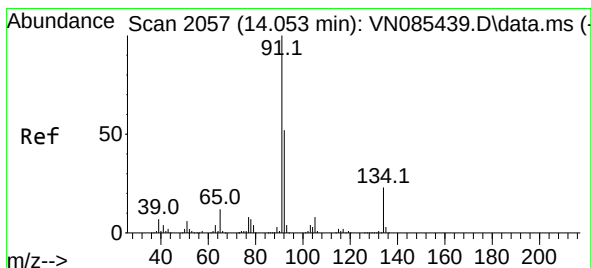
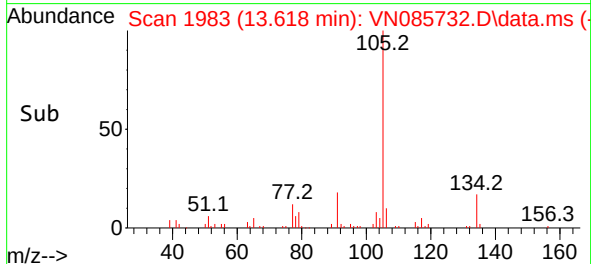
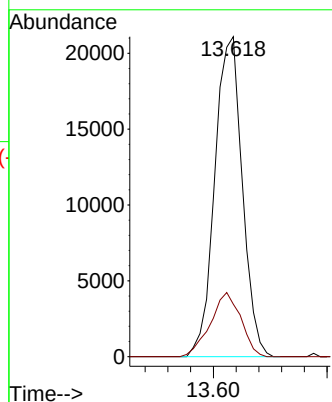
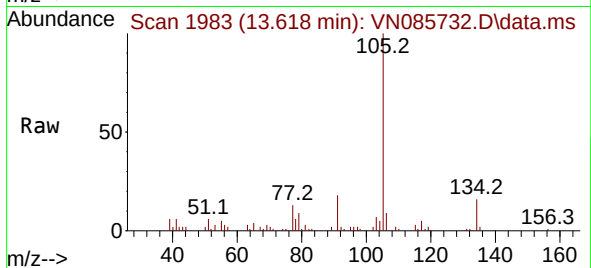




#85
sec-Butylbenzene
Concen: 3.462 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion:105 Resp: 35491
Ion Ratio Lower Upper
105 100
134 22.2 9.7 28.9



#89
n-Butylbenzene
Concen: 3.225 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 91 Resp: 23716
Ion Ratio Lower Upper
91 100
92 44.6 25.8 77.3
134 0.0 11.7 35.1#

