

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085963.D
 Acq On : 12 Mar 2025 16:30
 Operator : JC\MD
 Sample : Q1528-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22425

Quant Time: Mar 13 01:39:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

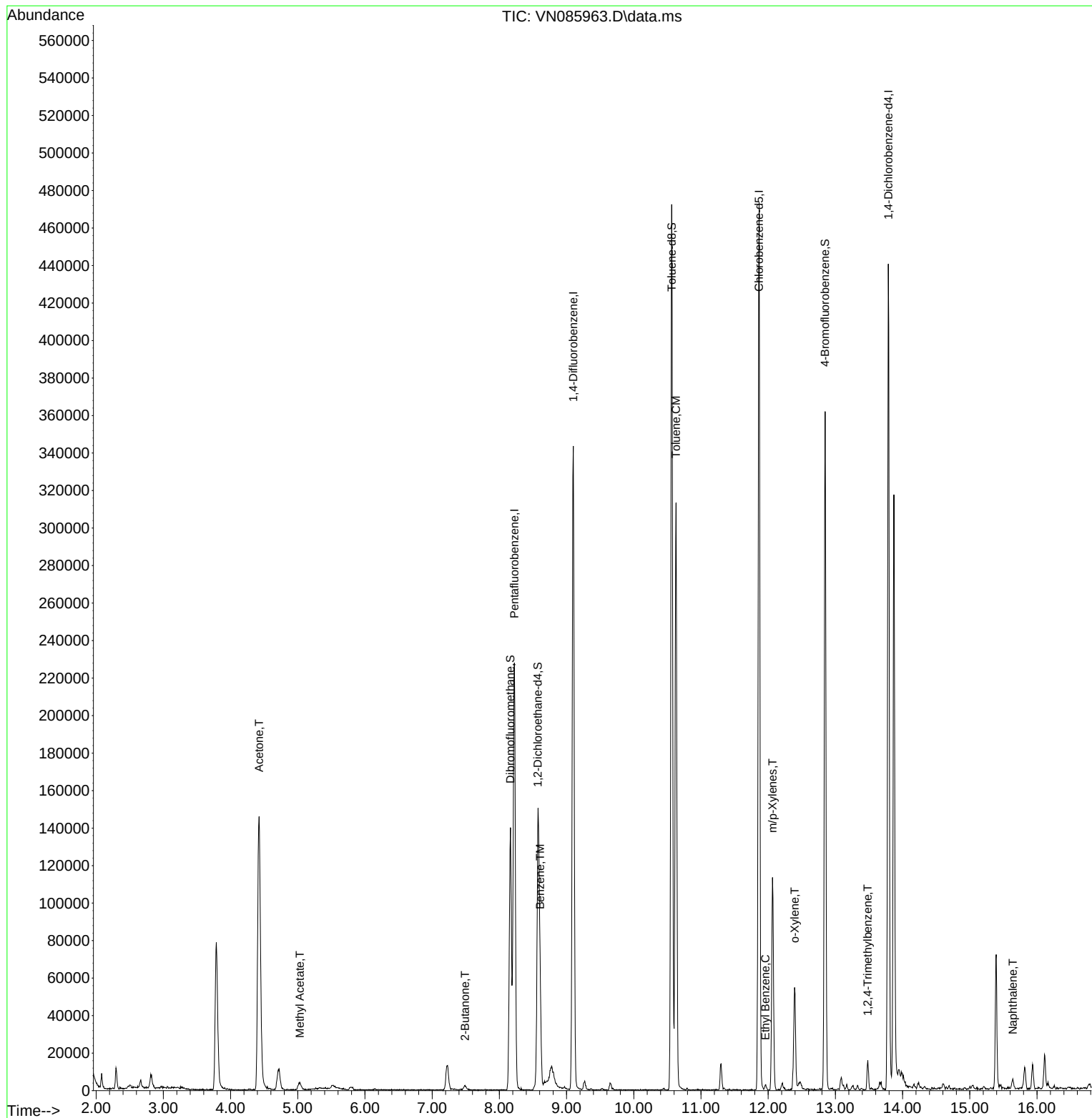
Internal Standards						
1) Pentafluorobenzene	8.224	168	165136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115807	54.092	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.180%	
35) Dibromofluoromethane	8.165	113	97857	49.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.540%	
50) Toluene-d8	10.565	98	335928	46.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.920%	
62) 4-Bromofluorobenzene	12.847	95	128796	54.647	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	271296	400.479	ug/l	97
18) Methyl Acetate	5.030	43	8552	3.670	ug/l	97
25) 2-Butanone	7.488	43	4271	4.285	ug/l	100
40) Benzene	8.606	78	57642	6.463	ug/l	95
52) Toluene	10.629	92	143582	27.465	ug/l	96
67) Ethyl Benzene	11.959	91	2815	0.284	ug/l	93
68) m/p-Xylenes	12.065	106	37888	10.053	ug/l	97
69) o-Xylene	12.394	106	15188	4.241	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	6964	1.038	ug/l	94
95) Naphthalene	15.641	128	5140	0.970	ug/l	96

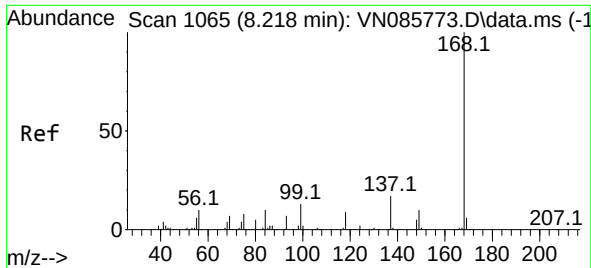
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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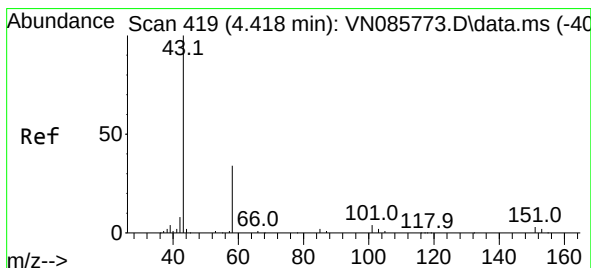
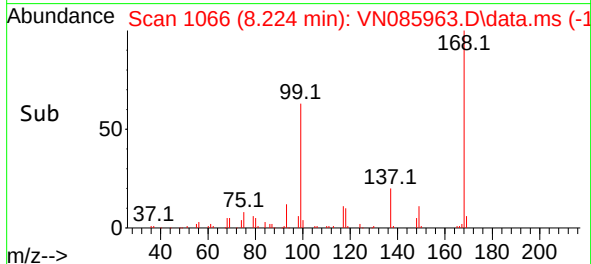
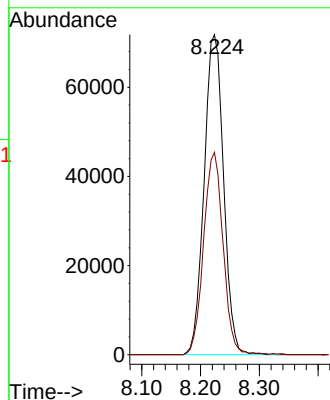
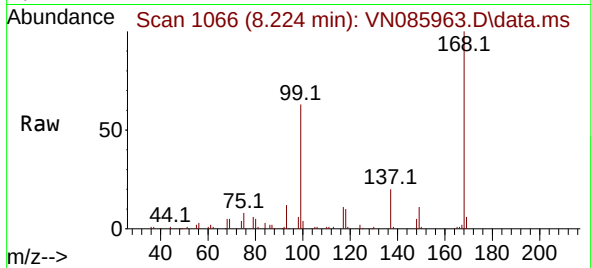




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

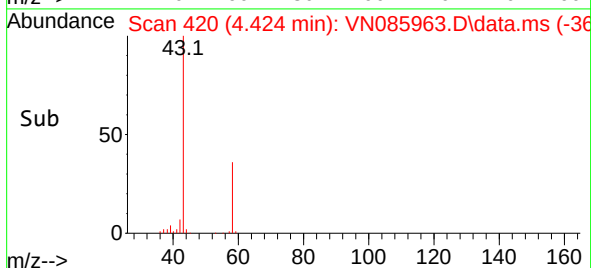
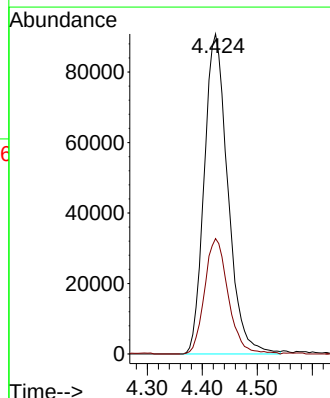
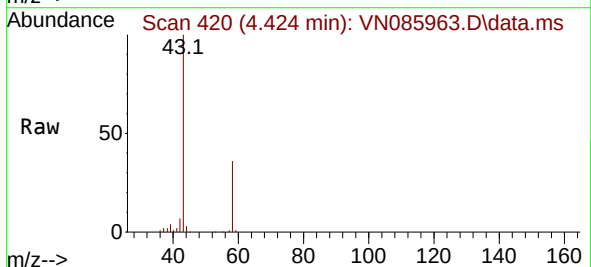
Instrument :
MSVOA_N
ClientSampleId :
22425

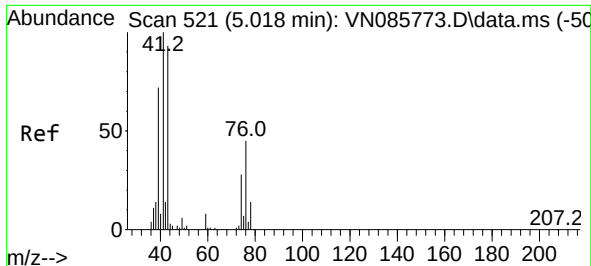
Tgt Ion:168 Resp: 165136
Ion Ratio Lower Upper
168 100
99 63.3 47.9 71.9



#16
Acetone
Concen: 400.479 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 43 Resp: 271296
Ion Ratio Lower Upper
43 100
58 36.1 27.5 41.3

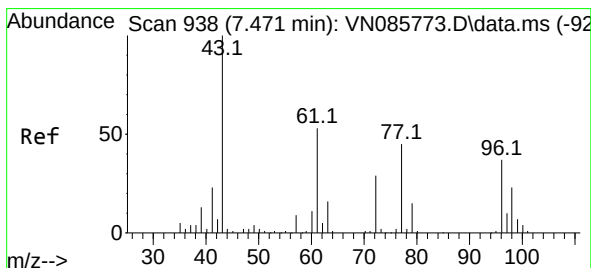
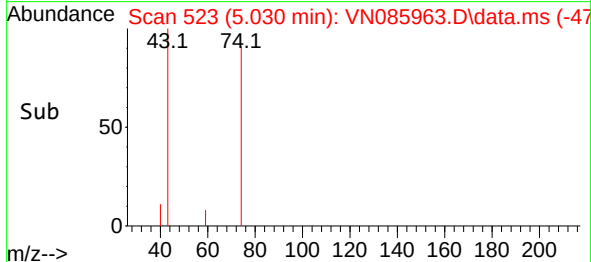
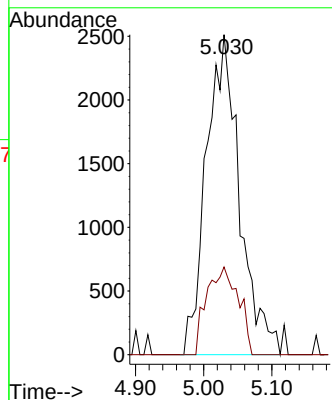
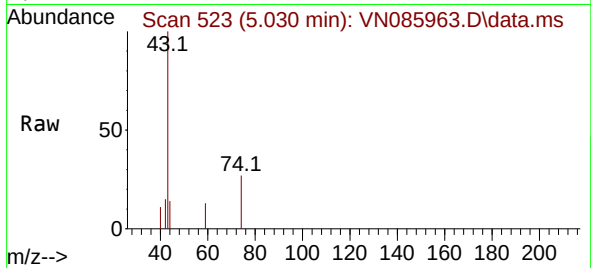




#18
Methyl Acetate
Concen: 3.670 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

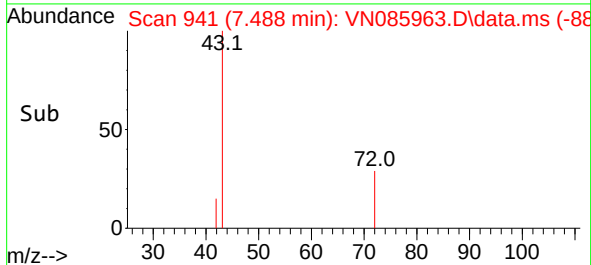
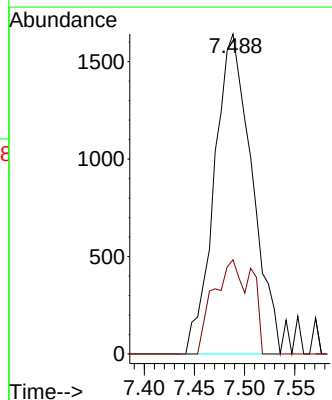
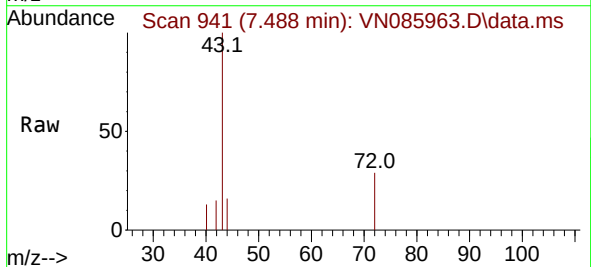
Instrument :
MSVOA_N
ClientSampleId :
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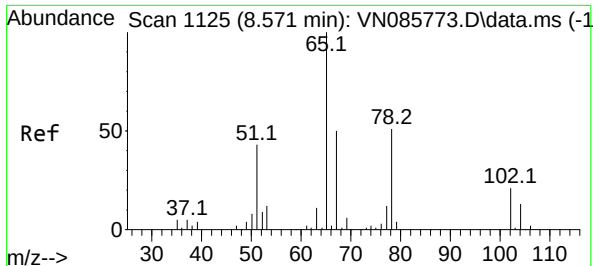
Tgt Ion: 43 Resp: 8552
Ion Ratio Lower Upper
43 100
74 26.0 22.2 33.4



#25
2-Butanone
Concen: 4.285 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 43 Resp: 4271
Ion Ratio Lower Upper
43 100
72 29.5 23.6 35.4

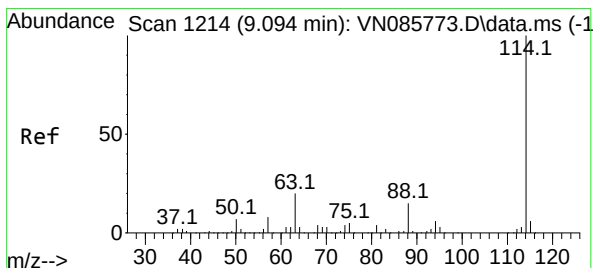
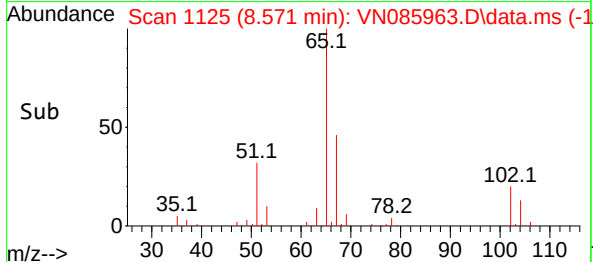
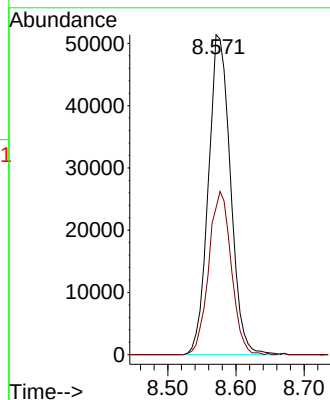
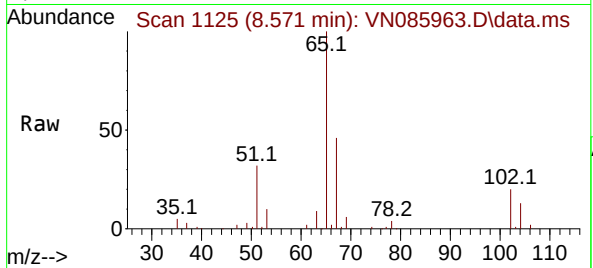




#33
 1,2-Dichloroethane-d4
 Concen: 54.092 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085963.D
 Acq: 12 Mar 2025 16:30

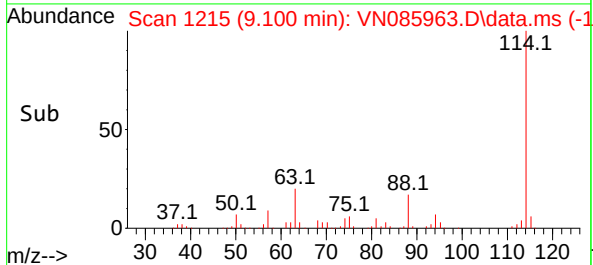
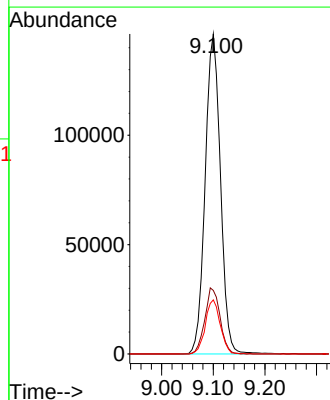
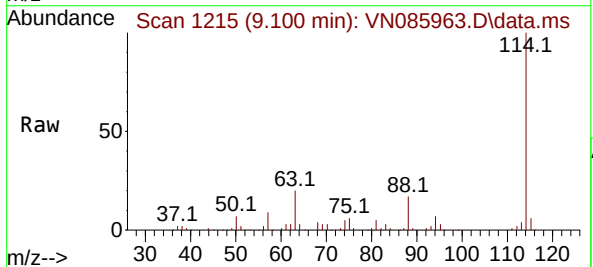
Instrument :
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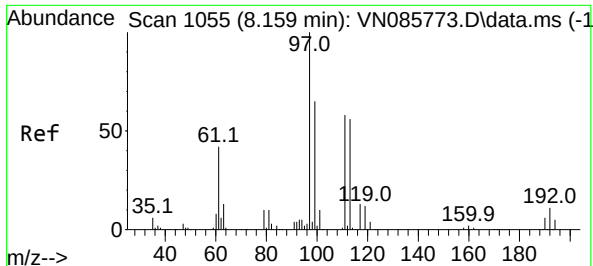
Tgt Ion: 65 Resp: 115807
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085963.D
 Acq: 12 Mar 2025 16:30

Tgt Ion: 114 Resp: 300470
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 16.9 0.0 30.0

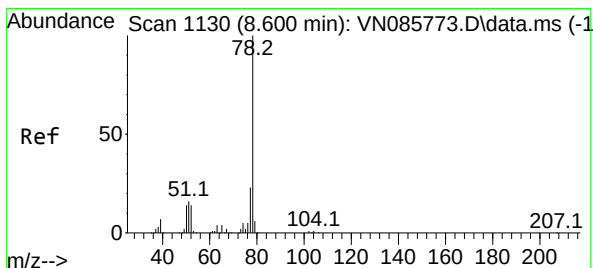
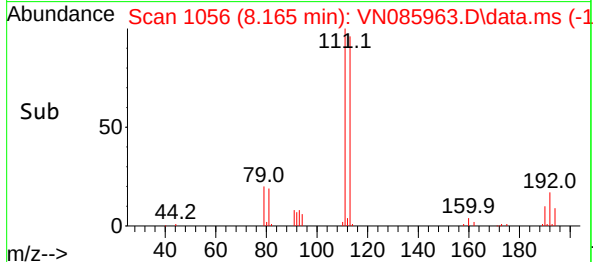
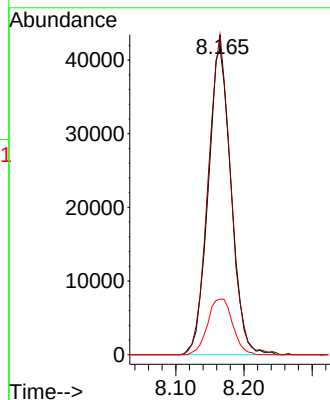
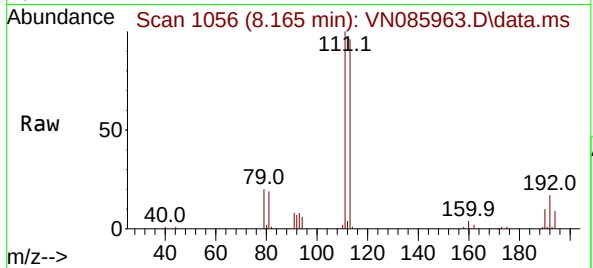




#35
Dibromofluoromethane
Concen: 49.771 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

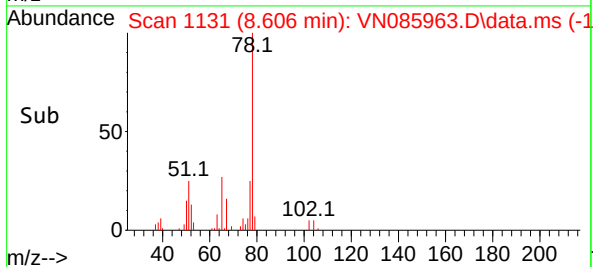
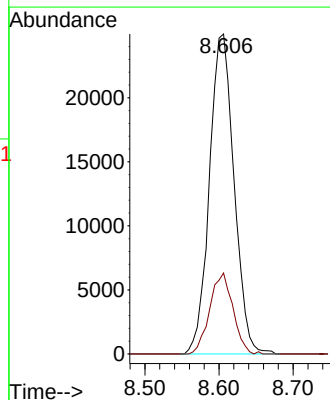
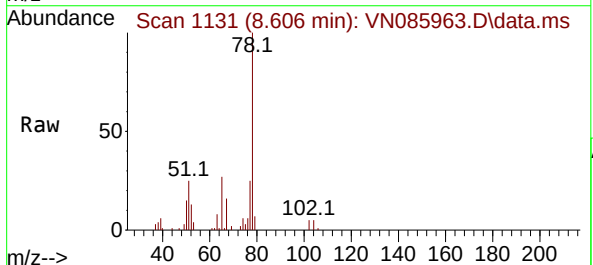
Instrument :
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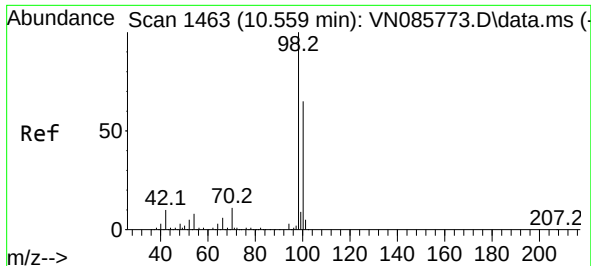
Tgt Ion:113 Resp: 97857
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.7 14.7 22.1



#40
Benzene
Concen: 6.463 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 78 Resp: 57642
Ion Ratio Lower Upper
78 100
77 25.3 18.3 27.5

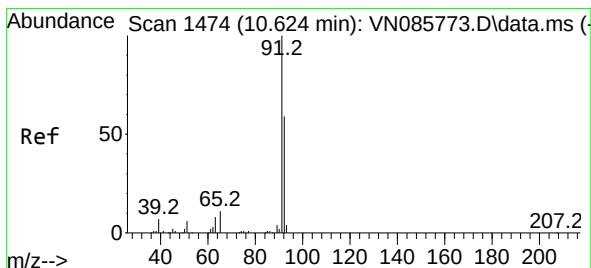
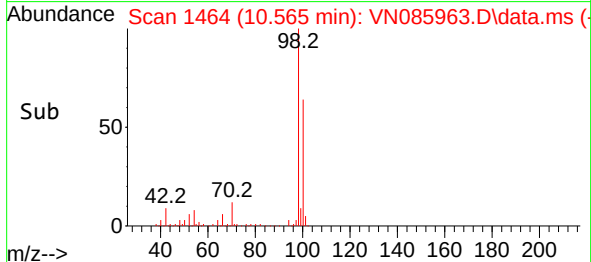
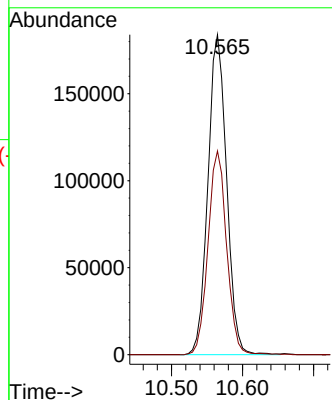
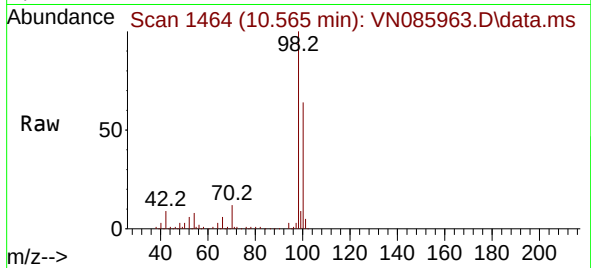




#50
Toluene-d8
Concen: 46.961 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

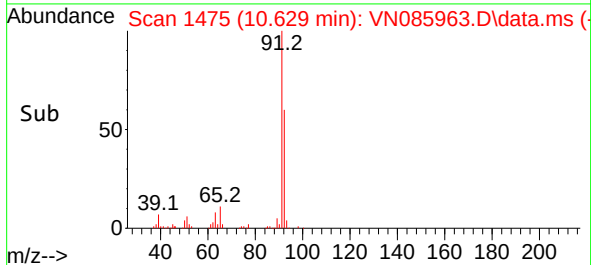
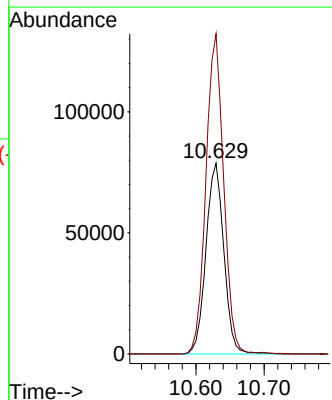
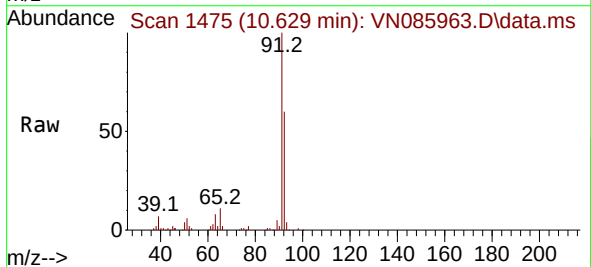
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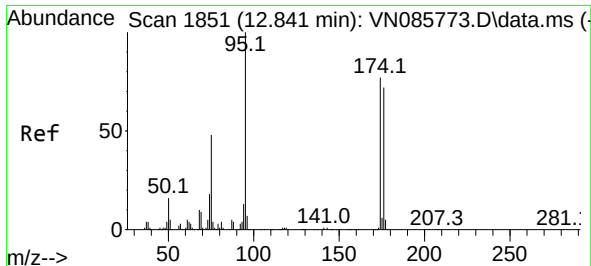
Tgt Ion: 98 Resp: 335928
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#52
Toluene
Concen: 27.465 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 92 Resp: 143582
Ion Ratio Lower Upper
92 100
91 165.8 136.9 205.3

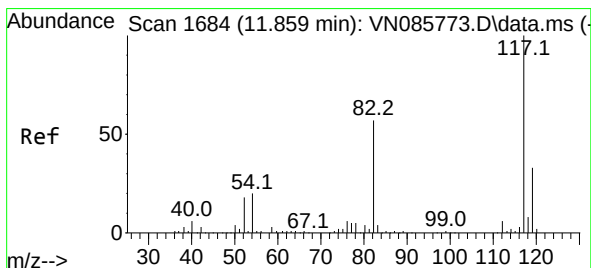
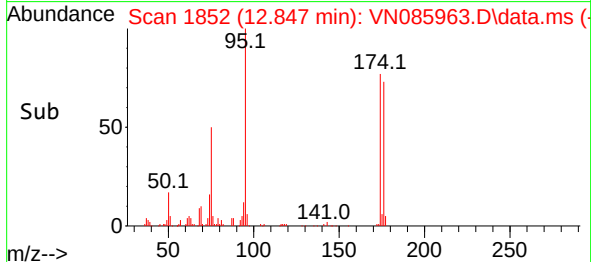
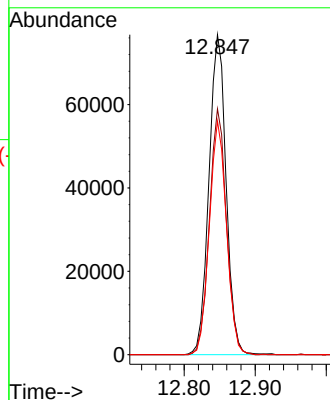
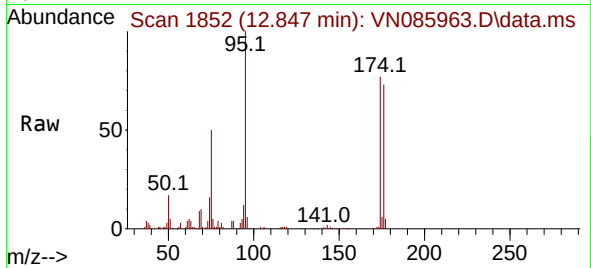




#62
4-Bromofluorobenzene
Concen: 54.647 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

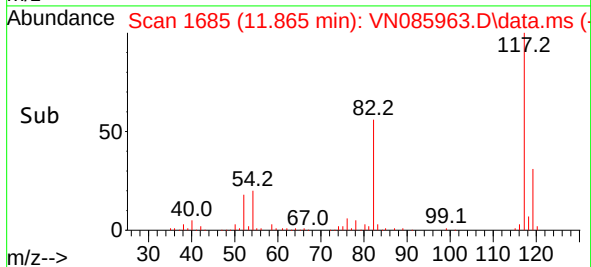
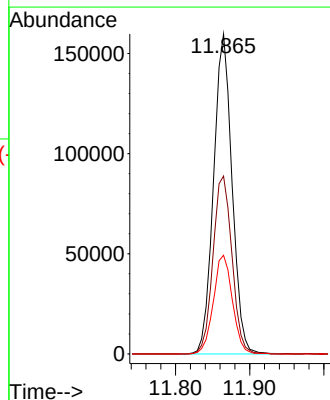
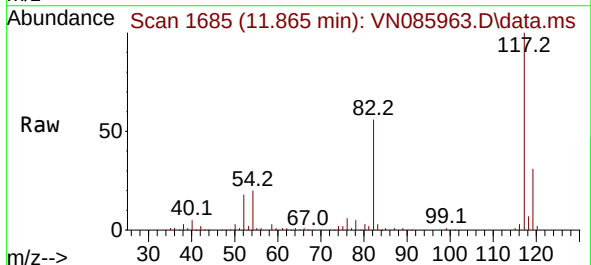
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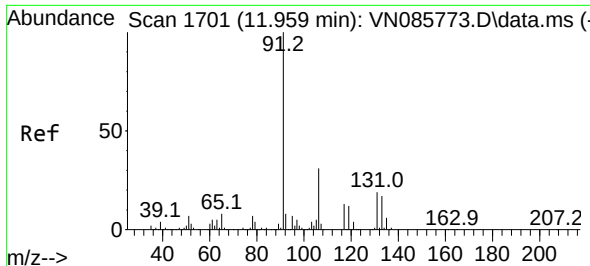
Tgt Ion: 95 Resp: 128796
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.4
176 73.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 117 Resp: 276502
Ion Ratio Lower Upper
117 100
82 55.6 45.7 68.5
119 30.8 26.2 39.2

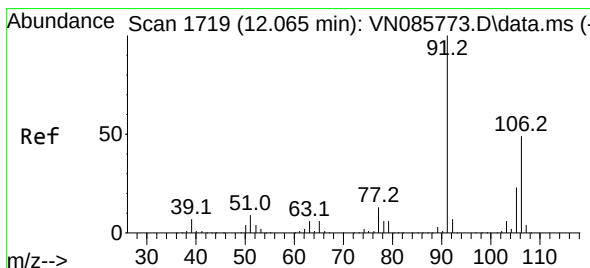
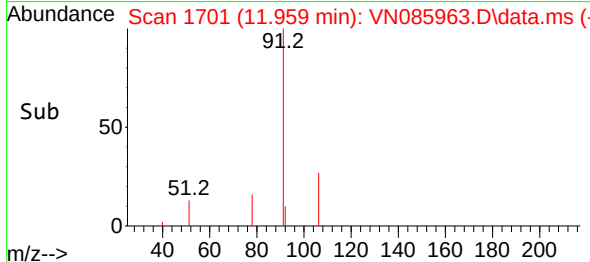
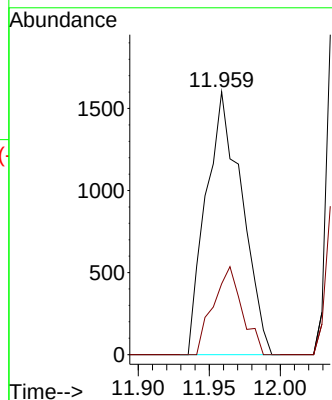
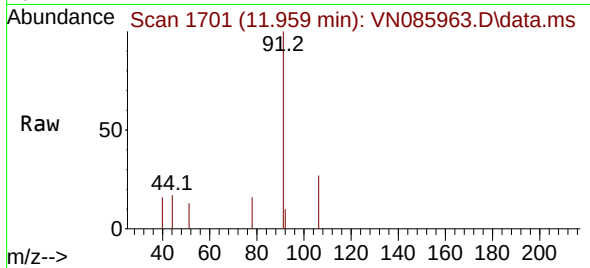




#67
Ethyl Benzene
Concen: 0.284 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

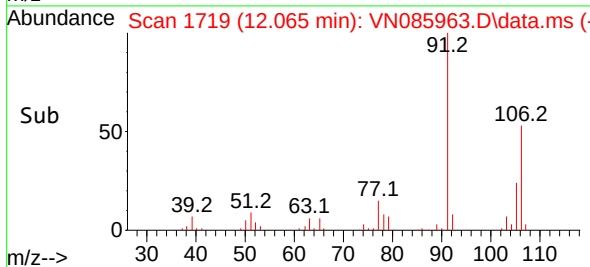
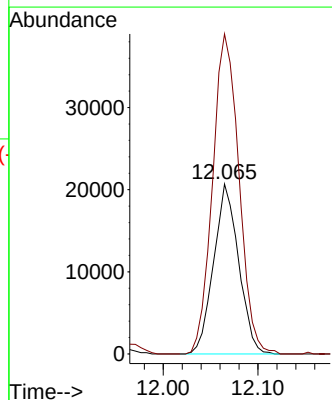
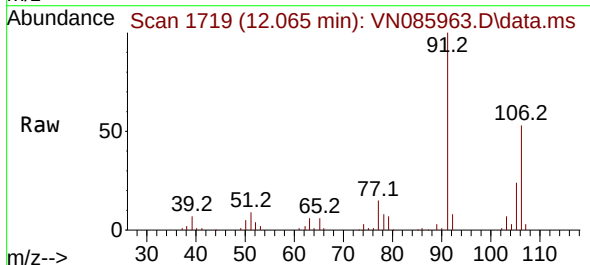
Instrument :
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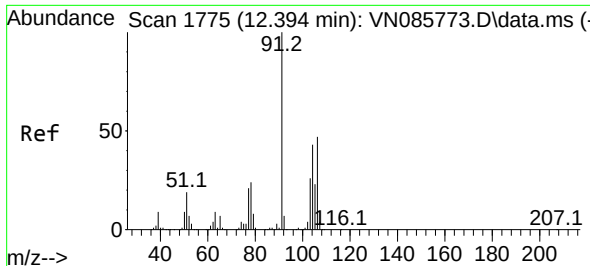
Tgt Ion: 91 Resp: 2815
Ion Ratio Lower Upper
91 100
106 27.0 24.7 37.1



#68
m/p-Xylenes
Concen: 10.053 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 106 Resp: 37888
Ion Ratio Lower Upper
106 100
91 198.9 163.3 244.9

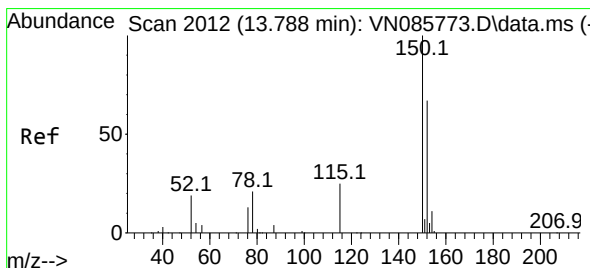
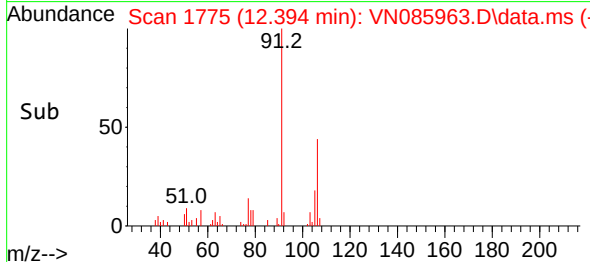
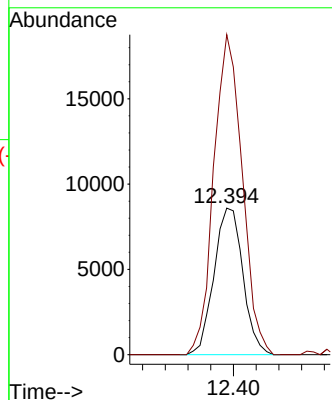
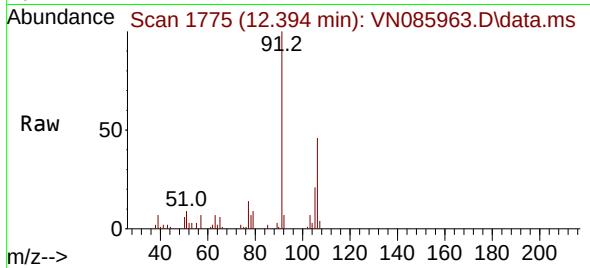




#69
o-Xylene
Concen: 4.241 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

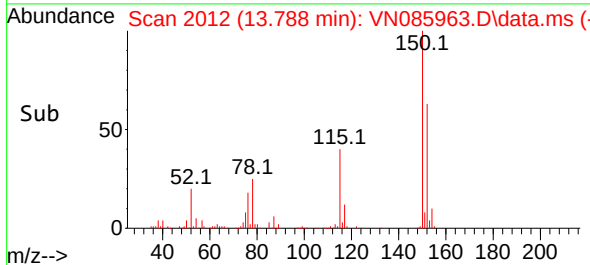
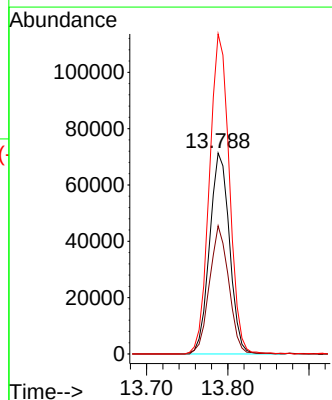
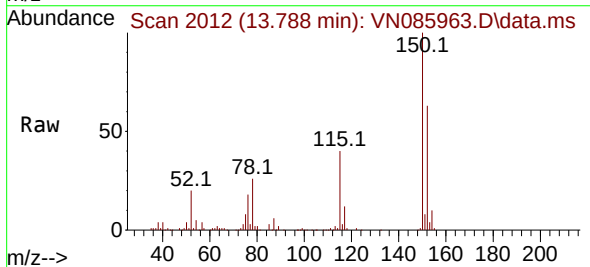
Instrument :
MSVOA_N
ClientSampleId :
22425

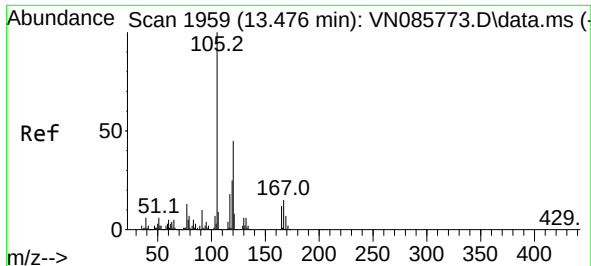
Tgt Ion:106 Resp: 15188
Ion Ratio Lower Upper
106 100
91 214.7 107.1 321.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion:152 Resp: 121528
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 159.1 0.0 345.4

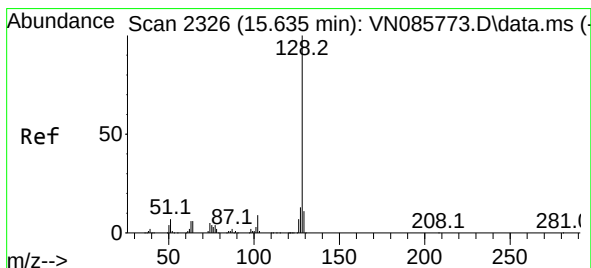
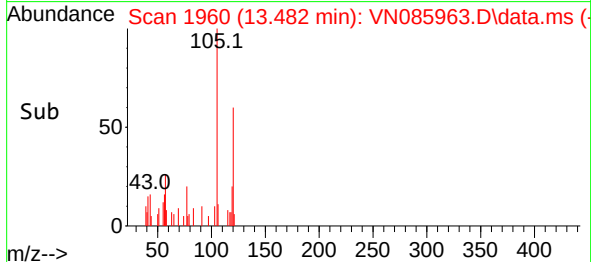
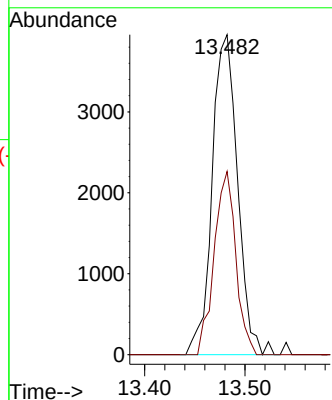
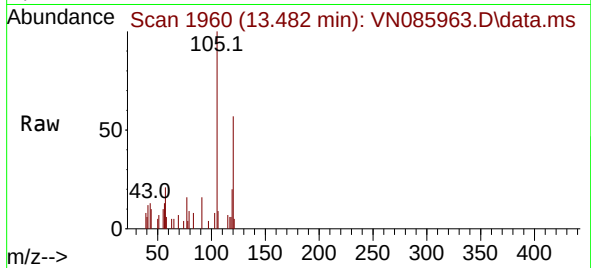




#84
1,2,4-Trimethylbenzene
Concen: 1.038 ug/l
RT: 13.482 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:105 Resp: 6964
Ion Ratio Lower Upper
105 100
120 48.5 22.4 67.3



#95
Naphthalene
Concen: 0.970 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion:128 Resp: 5140
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.2
129 12.7 8.7 13.1

