

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080531.D
 Acq On : 19 Dec 2023 19:31
 Operator : JC\MD
 Sample : 05873-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 215-200

Quant Time: Dec 20 04:07:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

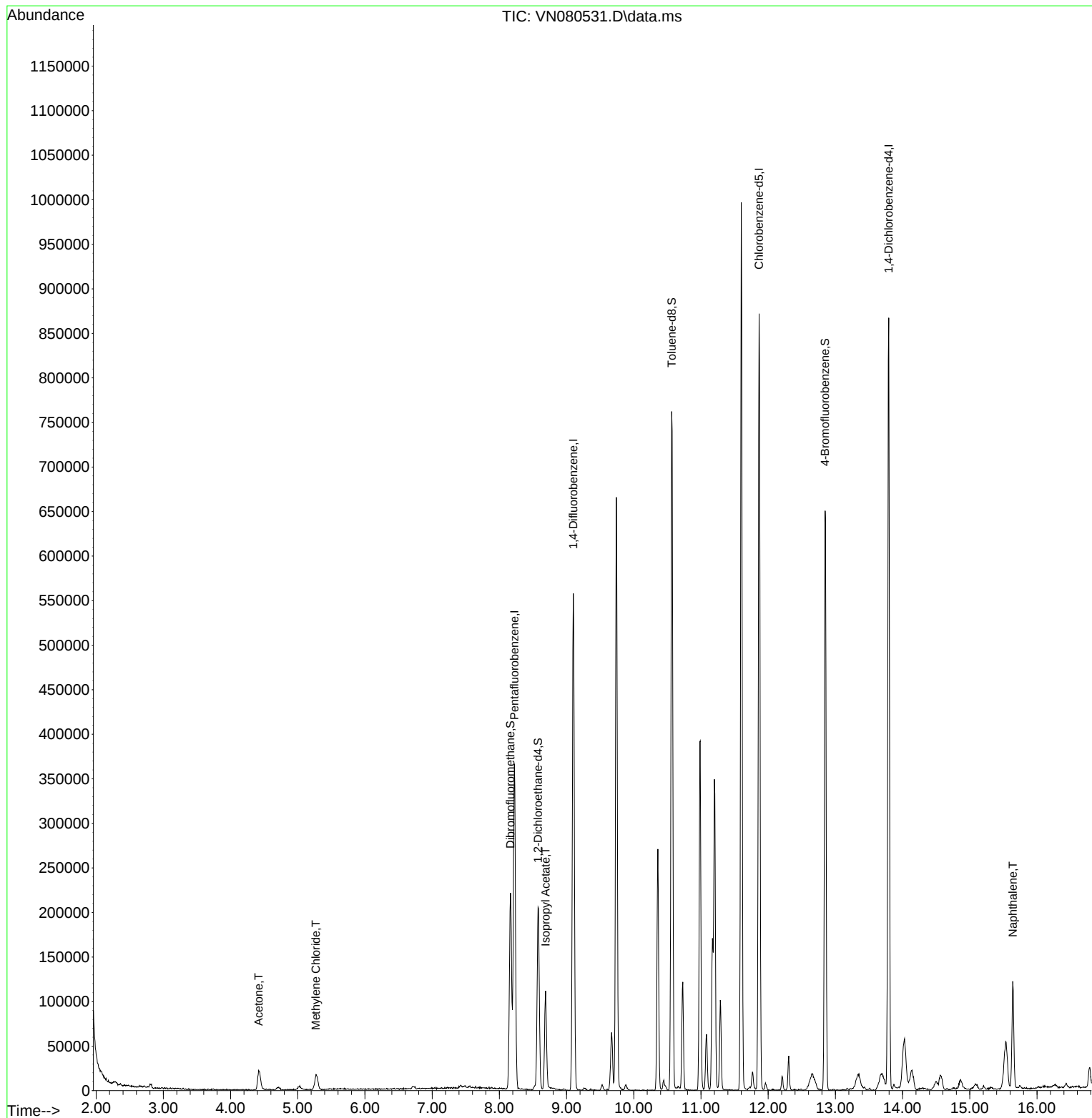
Internal Standards						
1) Pentafluorobenzene	8.224	168	258765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	485381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	504523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	185988	56.274	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.540%			
35) Dibromofluoromethane	8.165	113	153893	50.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	10.565	98	546376	47.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.200%			
62) 4-Bromofluorobenzene	12.847	95	236802	54.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.660%			
Target Compounds						
16) Acetone	4.418	43	41245	70.382	ug/l	97
20) Methylene Chloride	5.271	84	14462	4.611	ug/l	95
43) Isopropyl Acetate	8.688	43	116880	20.630	ug/l #	89
95) Naphthalene	15.641	128	111293	8.580	ug/l	99

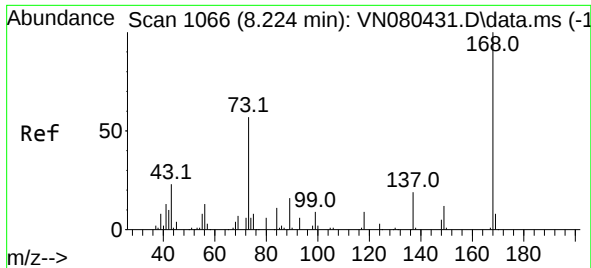
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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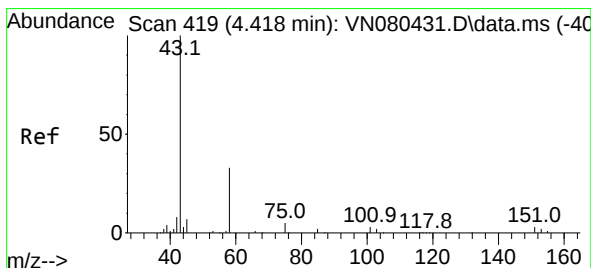
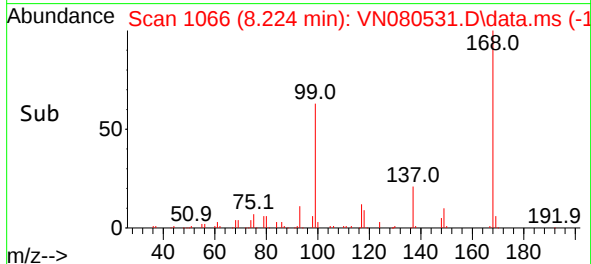
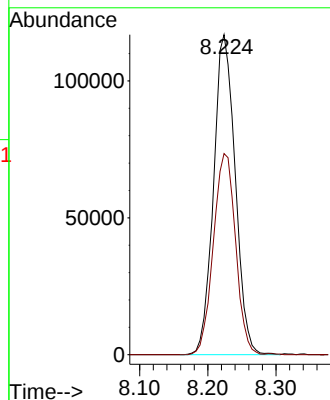
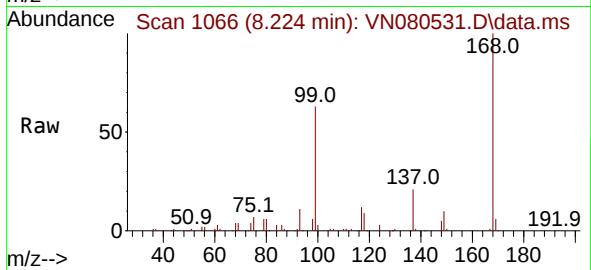




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

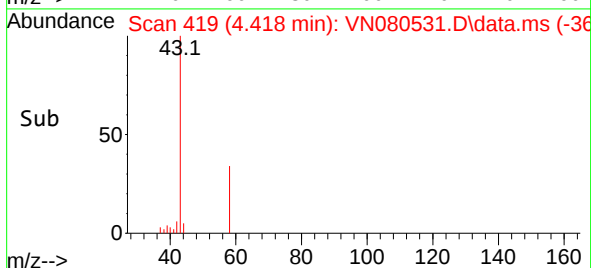
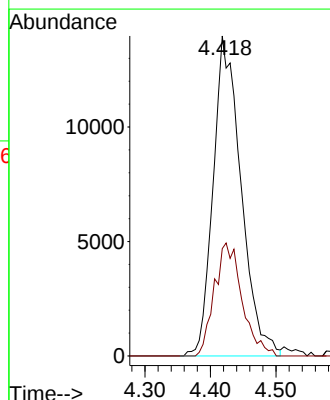
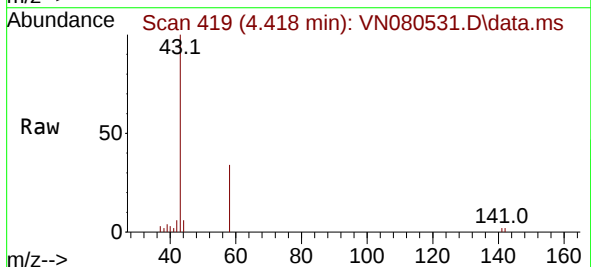
Instrument :
MSVOA_N
ClientSampleId :
215-200

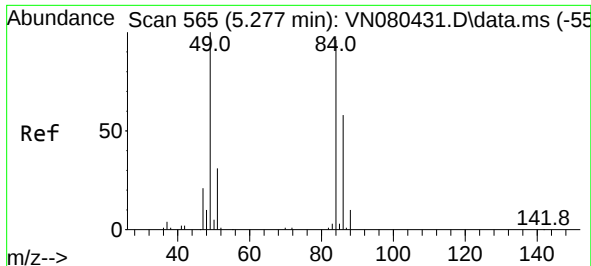
Tgt Ion:168 Resp: 258765
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#16
Acetone
Concen: 70.382 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

Tgt Ion: 43 Resp: 41245
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0

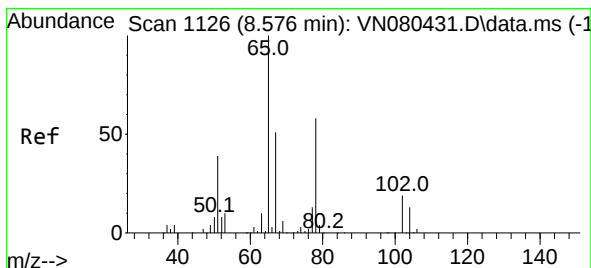
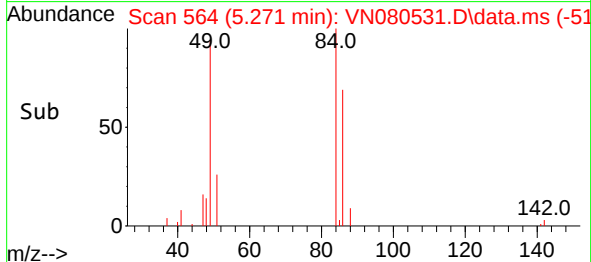
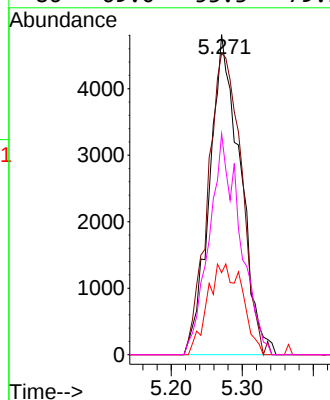
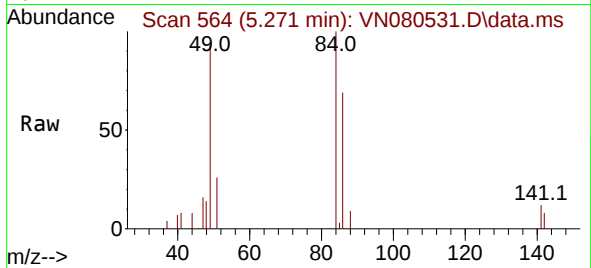




#20
Methylene Chloride
Concen: 4.611 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

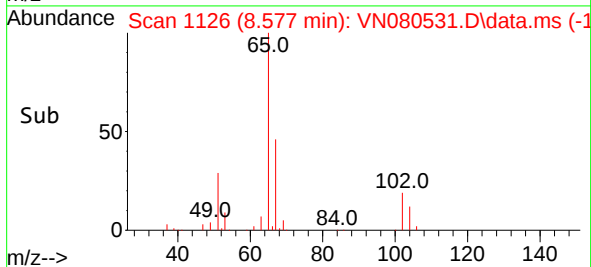
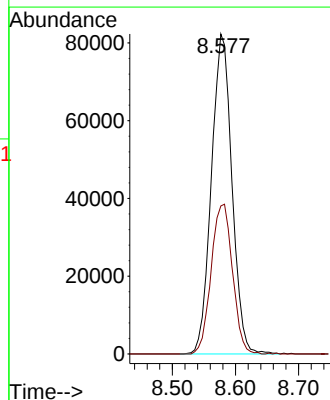
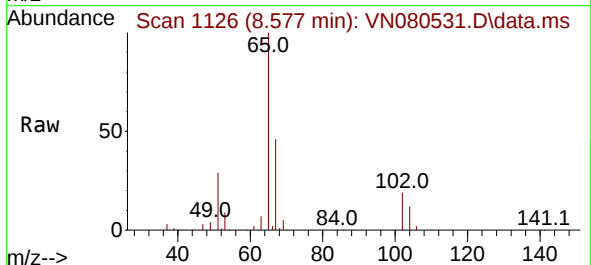
Instrument :
MSVOA_N
ClientSampleId :
215-200

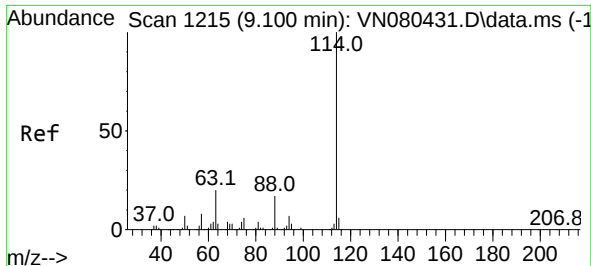
Tgt Ion:	84	Resp:	14462
Ion	Ratio	Lower	Upper
84	100		
49	94.2	79.7	119.5
51	25.7	25.2	37.8
86	69.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.274 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

Tgt Ion:	65	Resp:	185988
Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	106.6

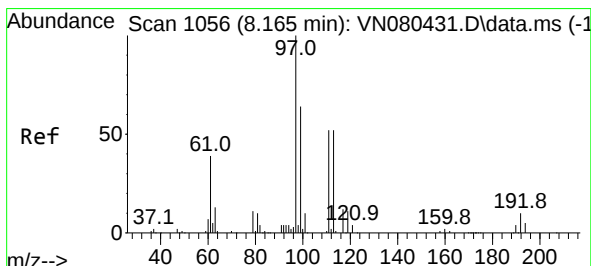
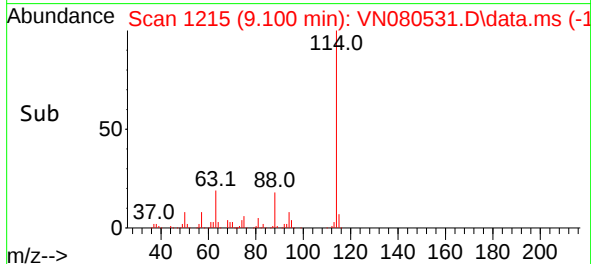
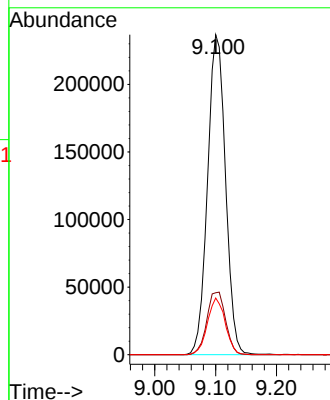
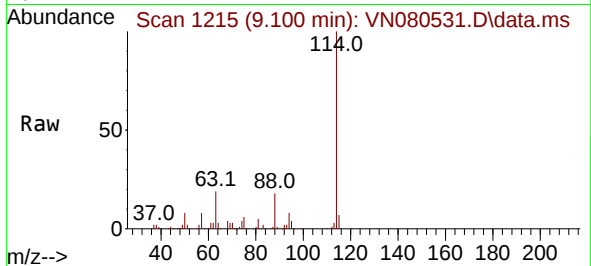




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

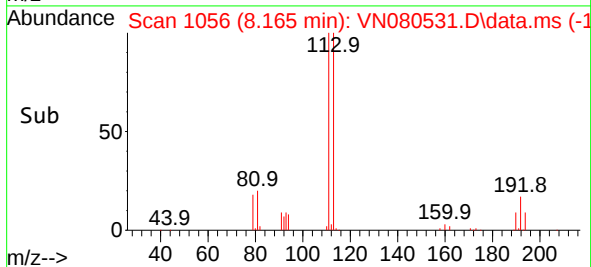
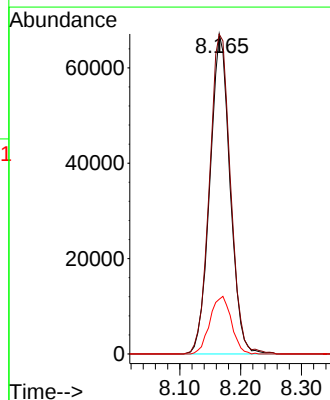
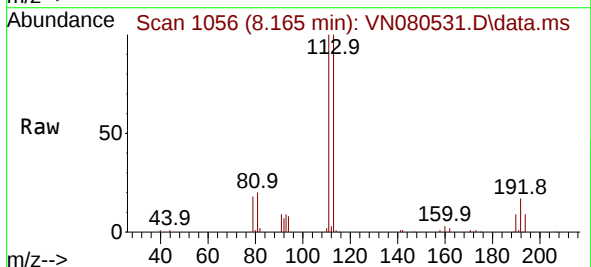
Instrument :
MSVOA_N
ClientSampleId :
215-200

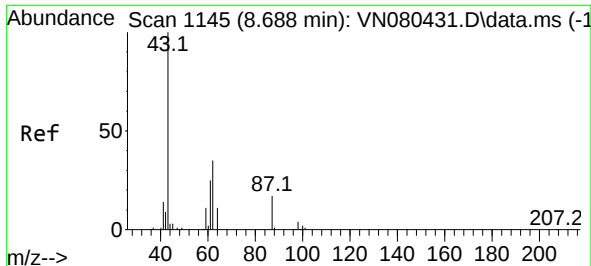
Tgt Ion:114 Resp: 485381
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 17.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

Tgt Ion:113 Resp: 153893
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 19.2 12.7 19.1#

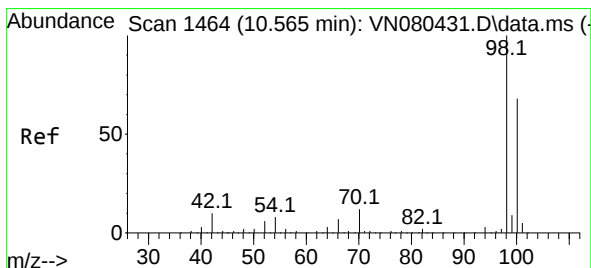
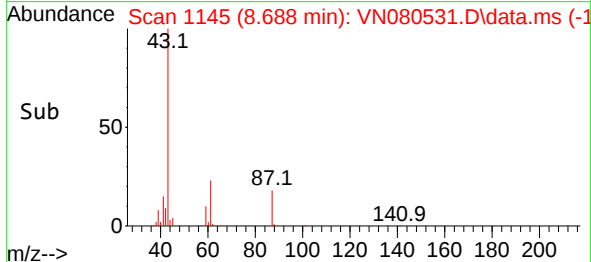
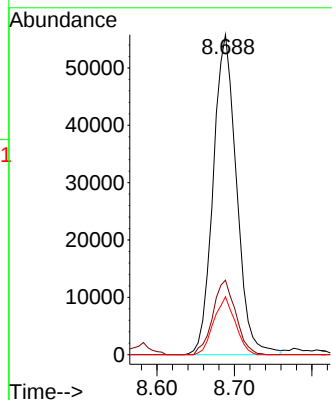
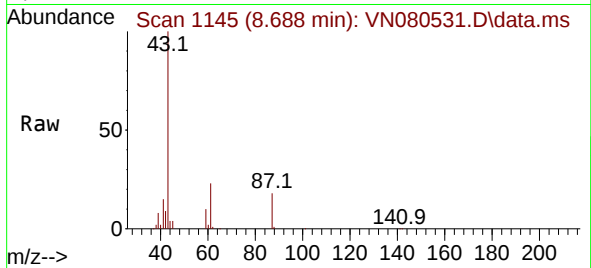




#43
Isopropyl Acetate
Concen: 20.630 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

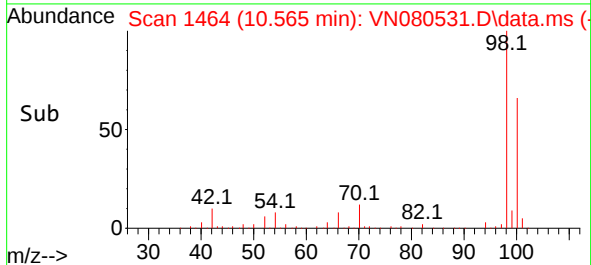
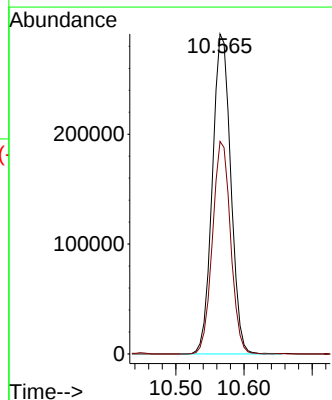
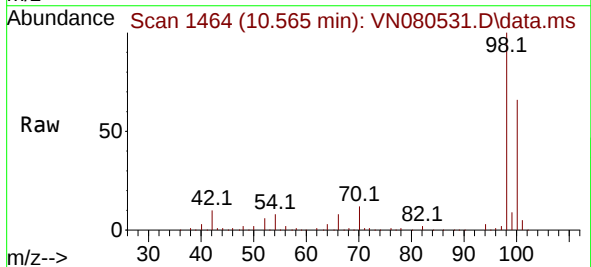
Instrument :
MSVOA_N
ClientSampleId :
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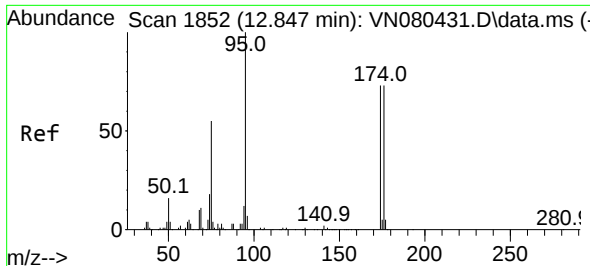
Tgt Ion: 43 Resp: 116880
Ion Ratio Lower Upper
43 100
61 22.9 24.7 37.1#
87 16.6 14.6 21.8



#50
Toluene-d8
Concen: 47.604 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

Tgt Ion: 98 Resp: 546376
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

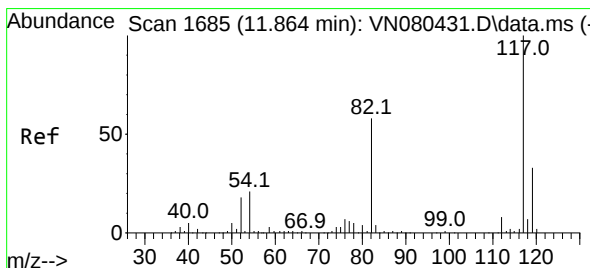
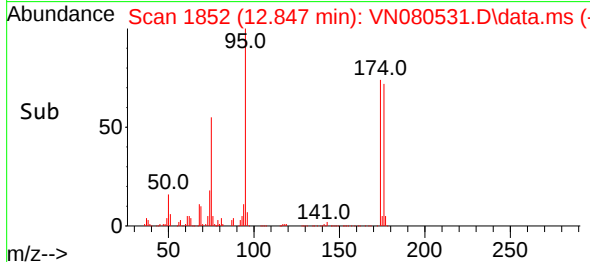
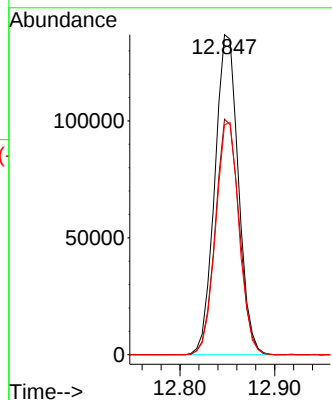
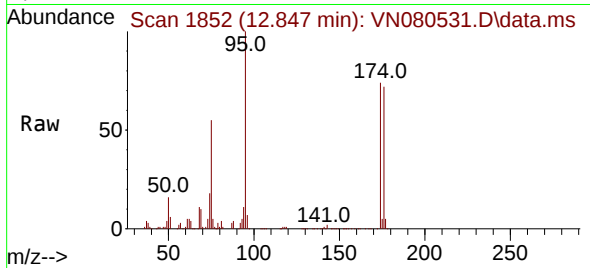




#62
4-Bromofluorobenzene
Concen: 54.333 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

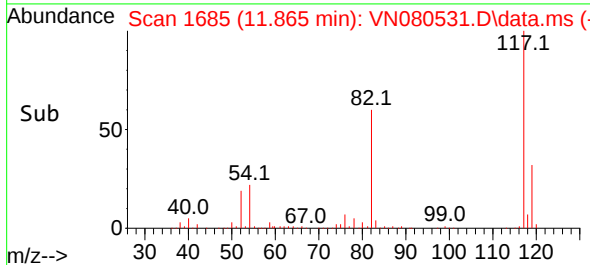
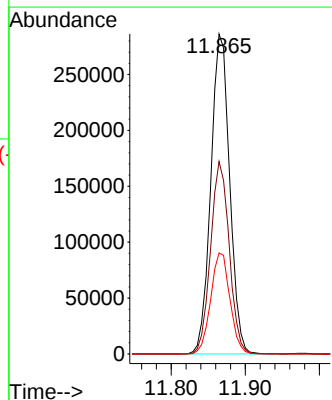
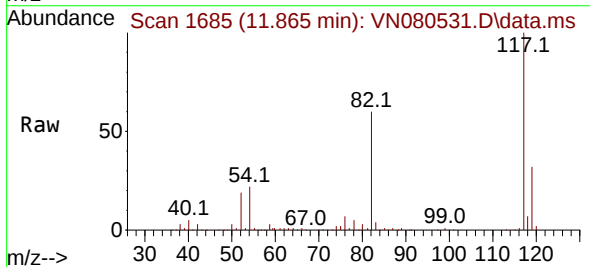
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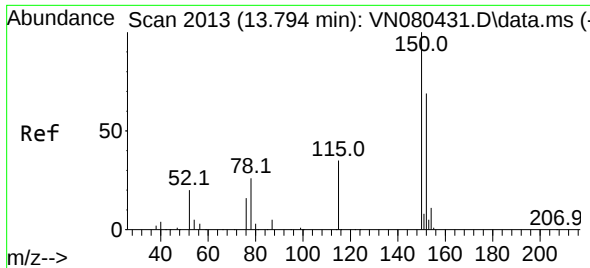
Tgt Ion: 95 Resp: 236802
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

Tgt Ion: 117 Resp: 504523
Ion Ratio Lower Upper
117 100
82 60.2 44.0 66.0
119 31.5 25.6 38.4

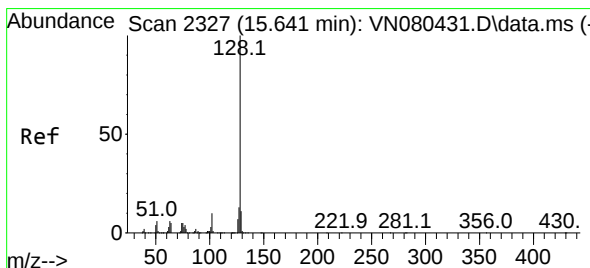
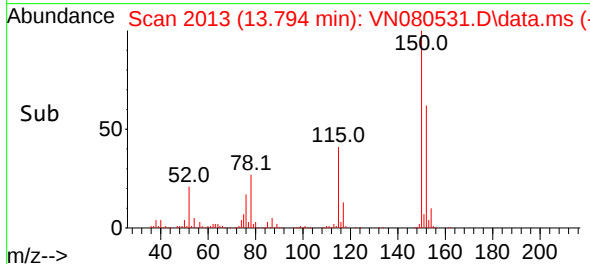
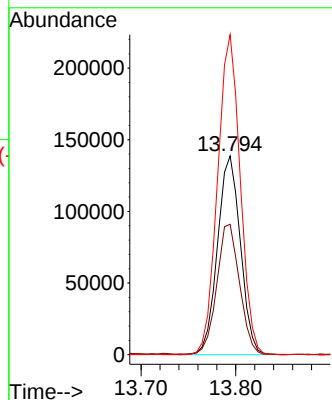
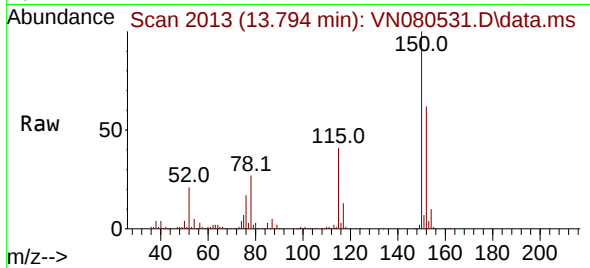




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

Instrument :
MSVOA_N
ClientSampleId :
215-200

Tgt Ion:152 Resp: 232706
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 158.9 0.0 355.8



#95
Naphthalene
Concen: 8.580 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080531.D
Acq: 19 Dec 2023 19:31

Tgt Ion:128 Resp: 111293
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.9 8.7 13.1

