

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082825.D
 Acq On : 08 Jul 2024 16:34
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 08 17:44:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

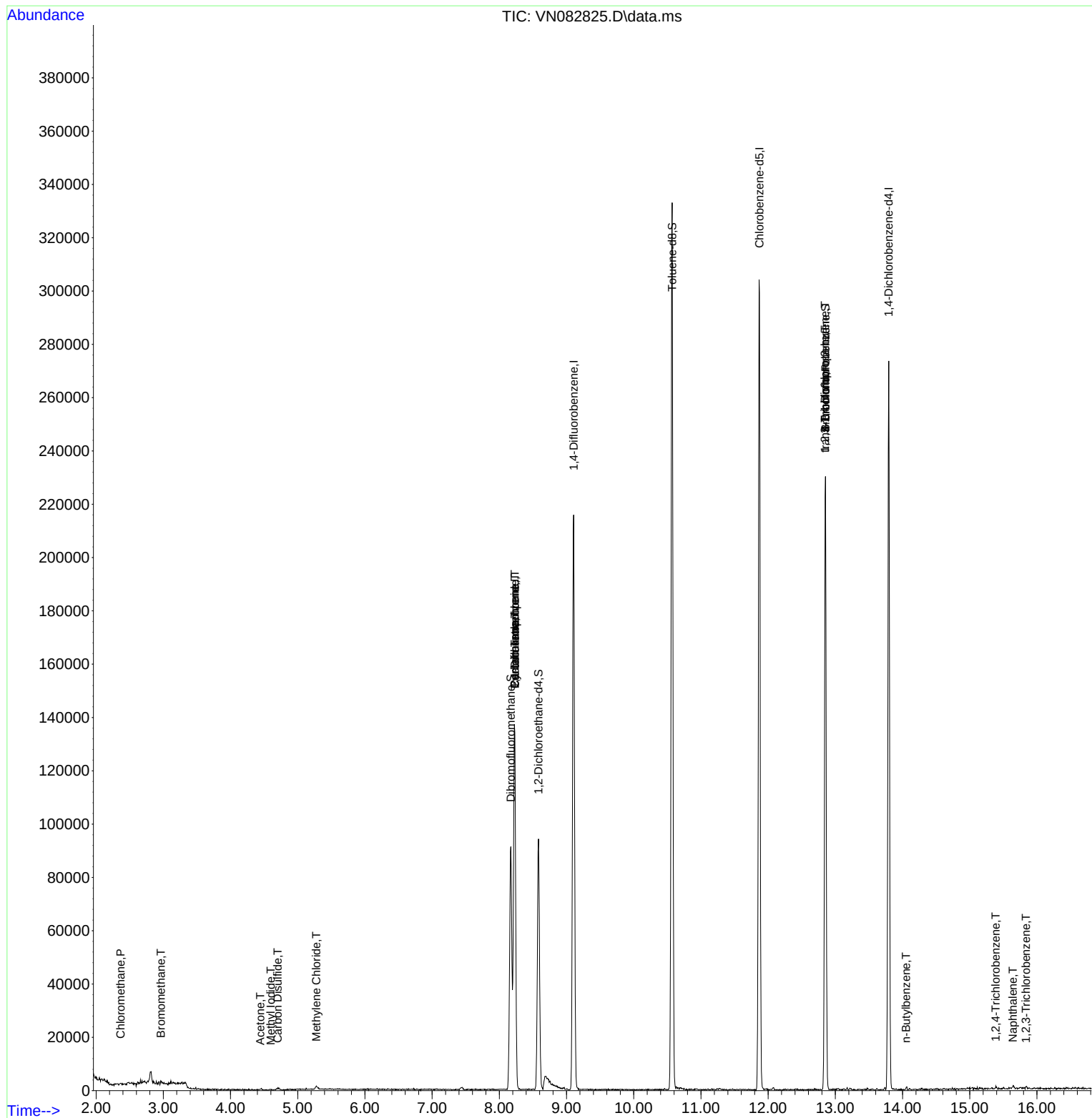
Internal Standards						
1) Pentafluorobenzene	8.230	168	98135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	170918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78442	57.022	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.040%
35) Dibromofluoromethane	8.171	113	63595	53.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.820%
50) Toluene-d8	10.571	98	227763	52.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.853	95	76464	48.859	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	287	0.238	ug/l #	43
5) Bromomethane	2.965	94	482	0.528	ug/l #	61
10) Methyl Iodide	4.601	142	382	0.362	ug/l #	38
16) Acetone	4.442	43	164	0.339	ug/l #	48
17) Carbon Disulfide	4.701	76	702	0.235	ug/l #	75
20) Methylene Chloride	5.277	84	516	0.441	ug/l #	82
31) Cyclohexane	8.230	56	2506	1.393	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	8624	5.303	ug/l #	51
38) Carbon Tetrachloride	8.230	117	10663	5.445	ug/l #	16
71) Bromoform	12.853	173	680	0.664	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	42553	34.936	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	42553	68.710	ug/l #	6
89) n-Butylbenzene	14.053	91	713	0.201	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.388	180	433	0.346	ug/l #	60
95) Naphthalene	15.641	128	1669	0.389	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.835	180	428	0.333	ug/l #	68

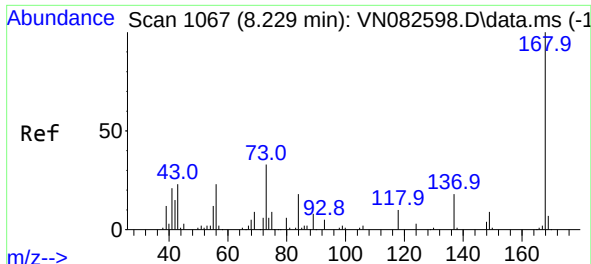
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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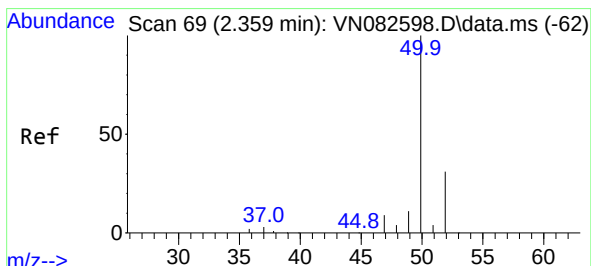
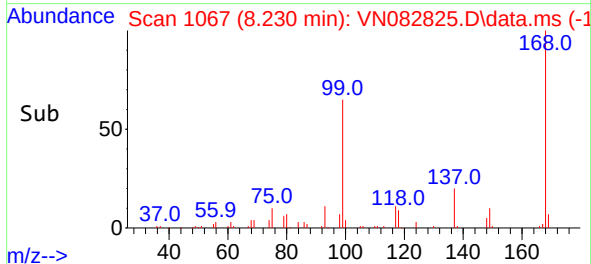
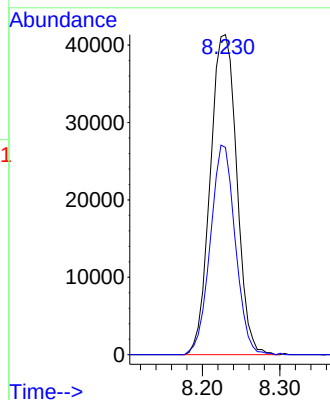
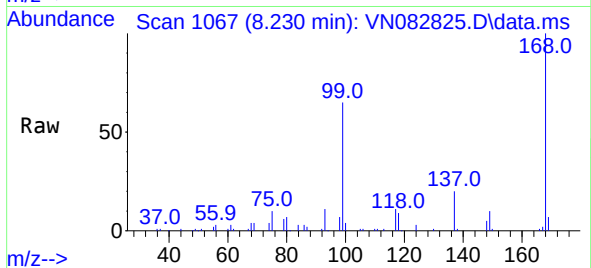




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

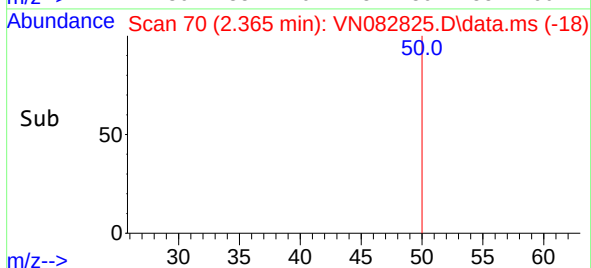
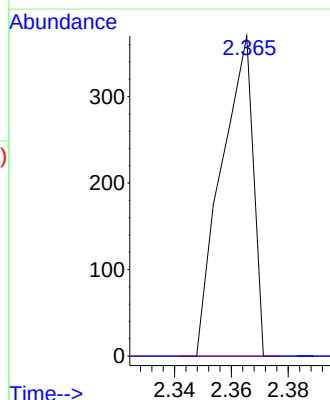
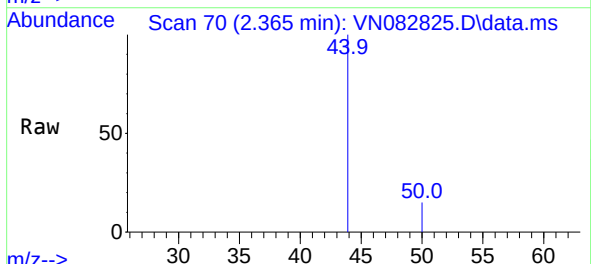
Instrument :
MSVOA_N
ClientSampleId :

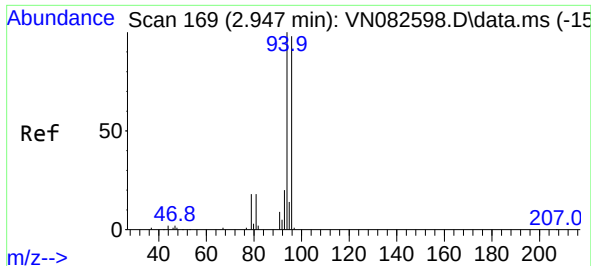
Tgt Ion:168 Resp: 98135
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion: 50 Resp: 287
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

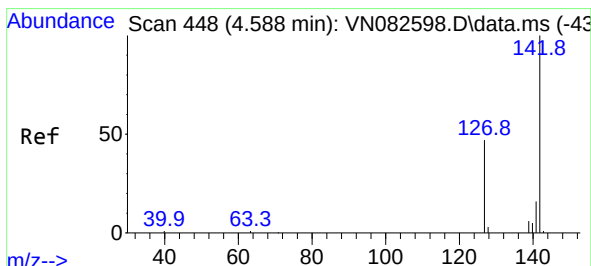
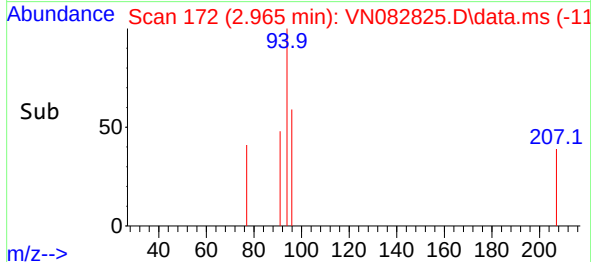
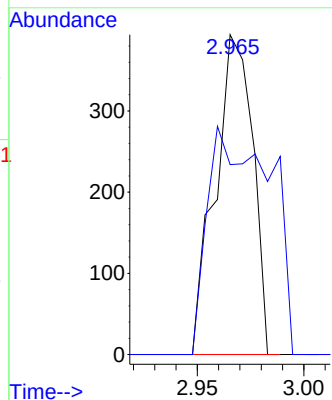
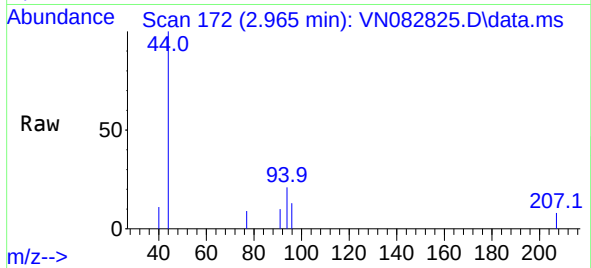




#5
Bromomethane
Concen: 0.528 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

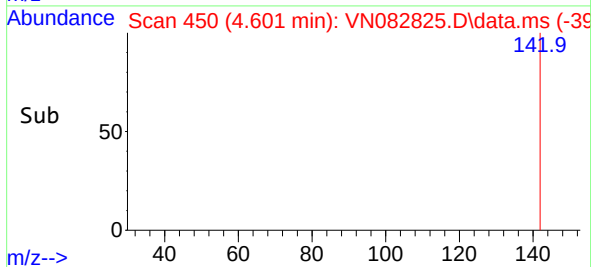
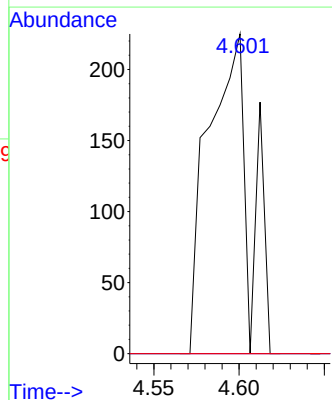
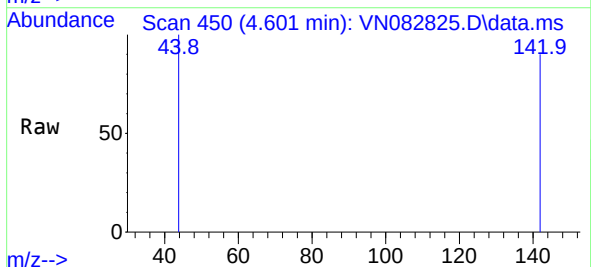
Instrument :
MSVOA_N
ClientSampleId :

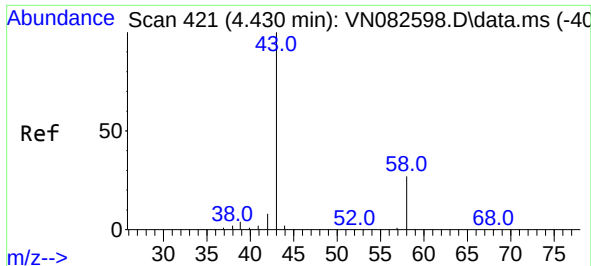
Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 59.4 78.0 117.0#



#10
Methyl Iodide
Concen: 0.362 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.013 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

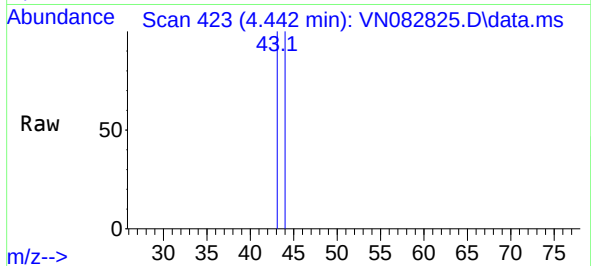
Tgt Ion:142 Resp: 382
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#



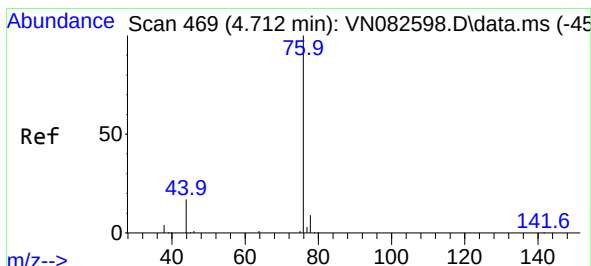
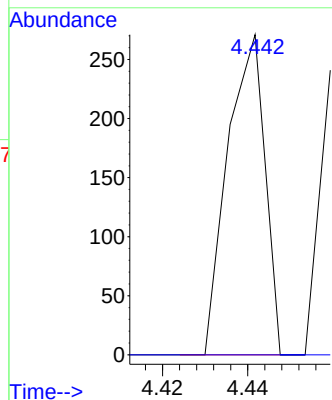


#16
Acetone
Concen: 0.339 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

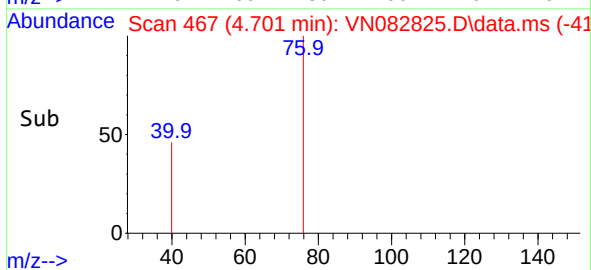
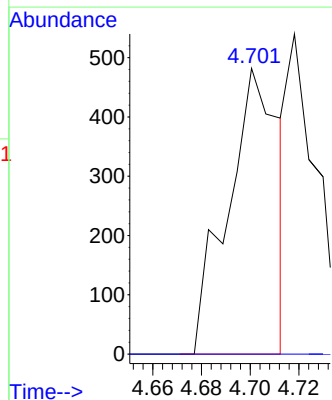
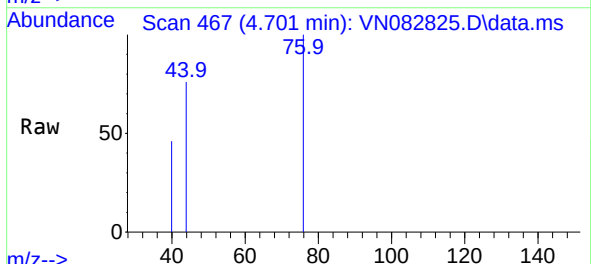


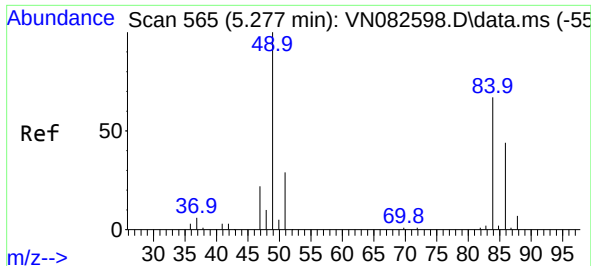
Tgt Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.011 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

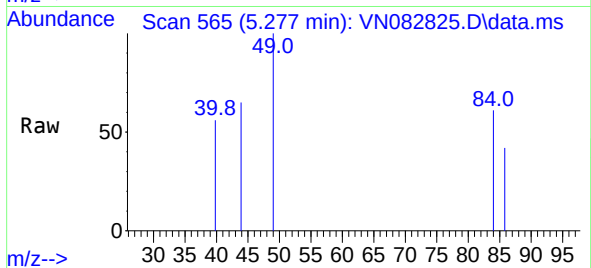
Tgt Ion: 76 Resp: 702
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





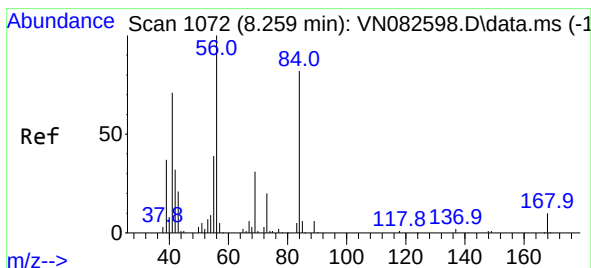
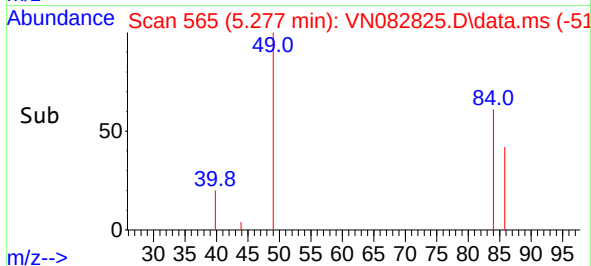
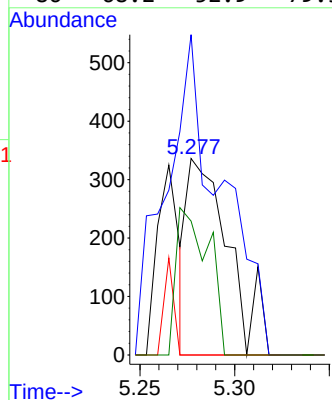
#20
Methylene Chloride
Concen: 0.441 ug/l
RT: 5.277 min Scan# 516
Delta R.T. -0.000 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 516

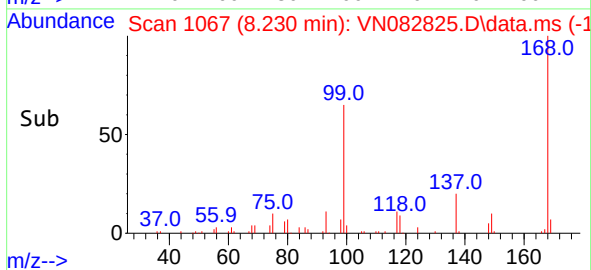
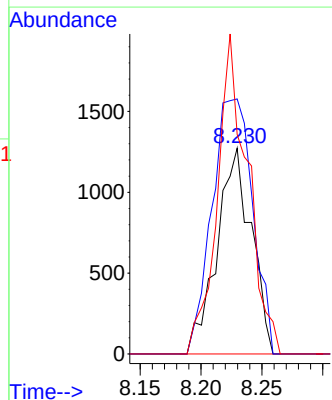
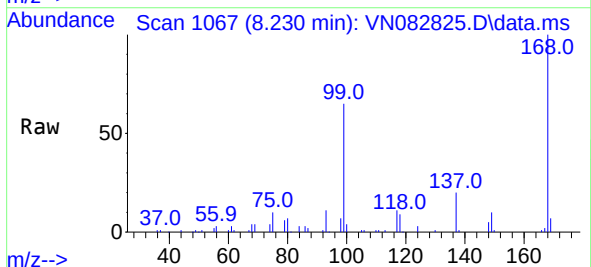
Ion	Ratio	Lower	Upper
84	100		
49	163.1	119.6	179.4
51	0.0	34.8	52.2#
86	68.2	52.9	79.3

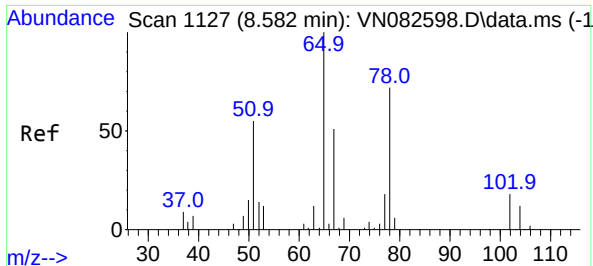


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion: 56 Resp: 2506

Ion	Ratio	Lower	Upper
56	100		
69	123.9	24.5	36.7#
84	106.7	66.0	99.0#

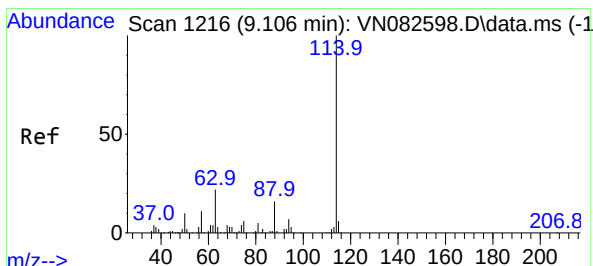
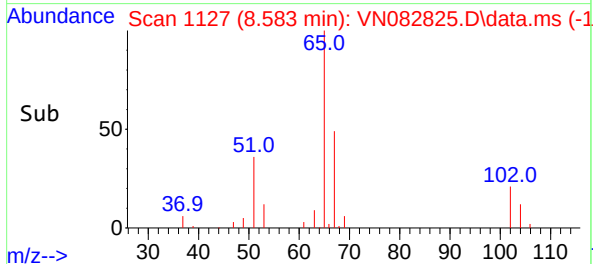
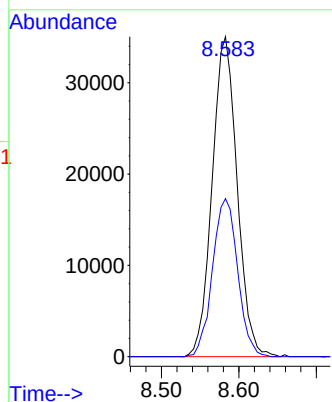
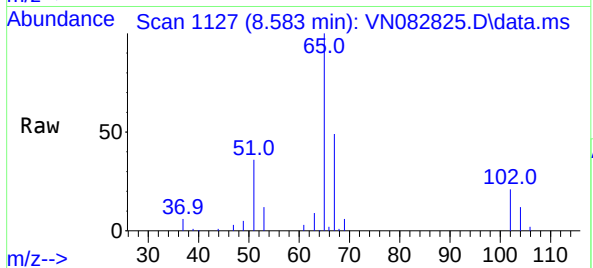




#33
1,2-Dichloroethane-d4
Concen: 57.022 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

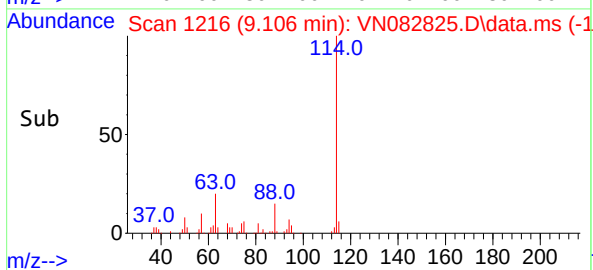
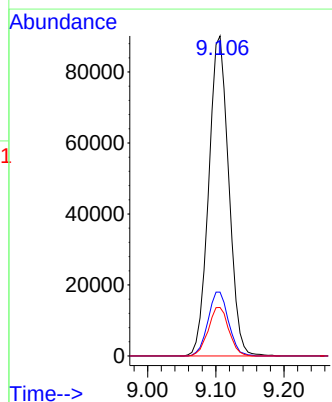
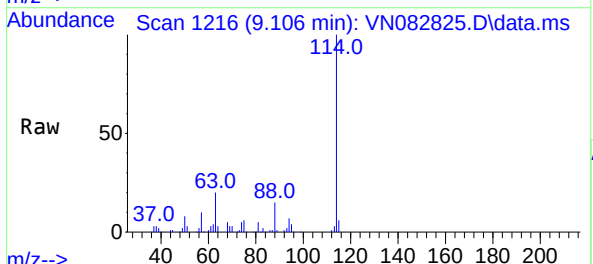
Instrument :
MSVOA_N
ClientSampleId :

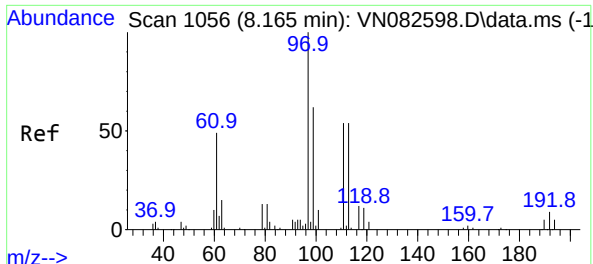
Tgt Ion: 65 Resp: 78442
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

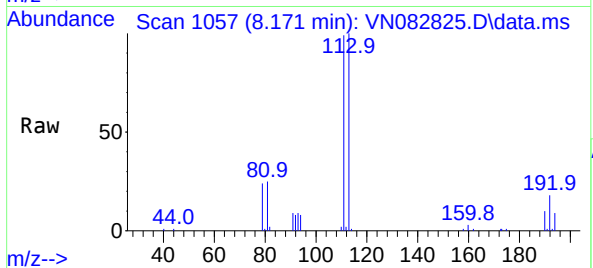
Tgt Ion: 114 Resp: 183828
Ion Ratio Lower Upper
114 100
63 20.0 0.0 44.6
88 15.2 0.0 31.4



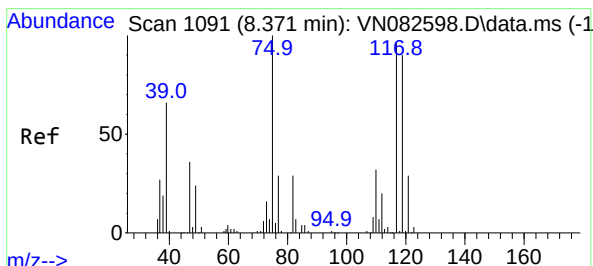
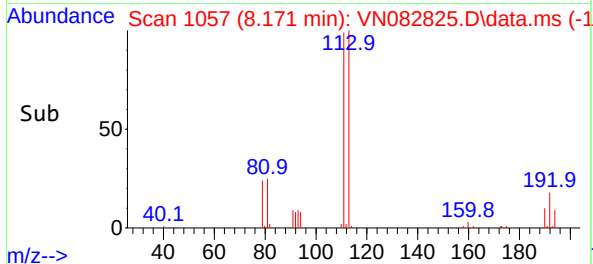
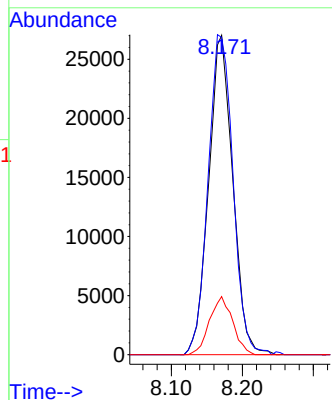


#35
Dibromofluoromethane
Concen: 53.913 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

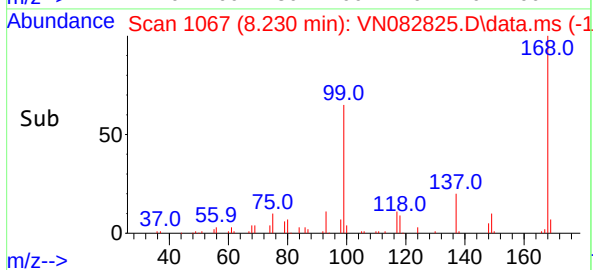
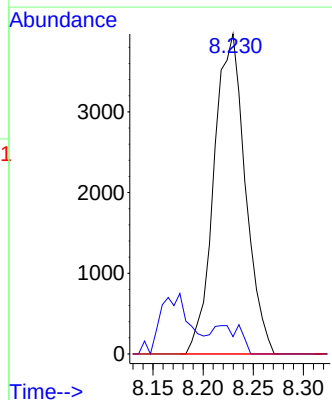
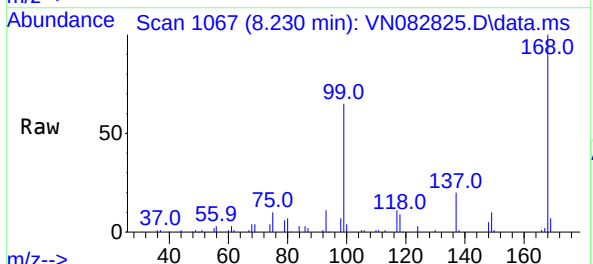


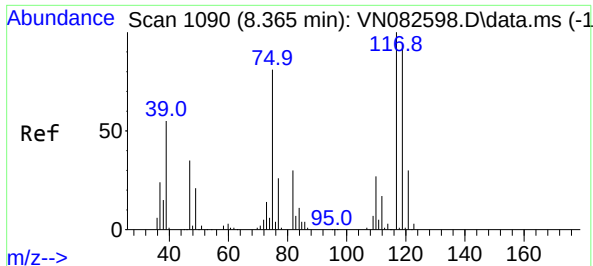
Tgt Ion:113 Resp: 63595
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.303 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

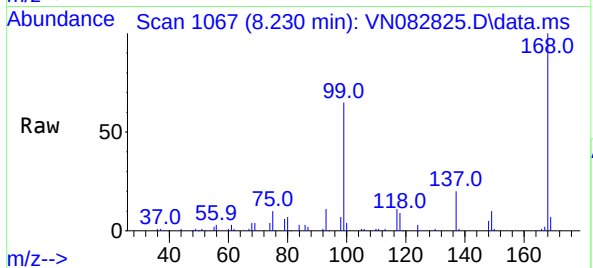
Tgt Ion: 75 Resp: 8624
Ion Ratio Lower Upper
75 100
110 8.4 16.3 48.9#
77 0.0 24.6 37.0#



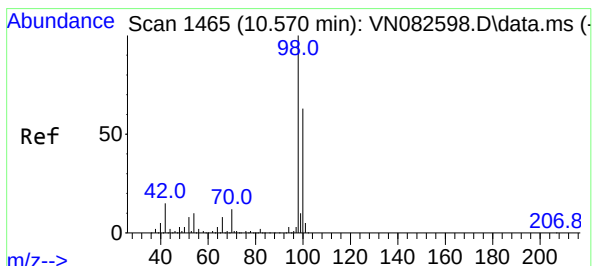
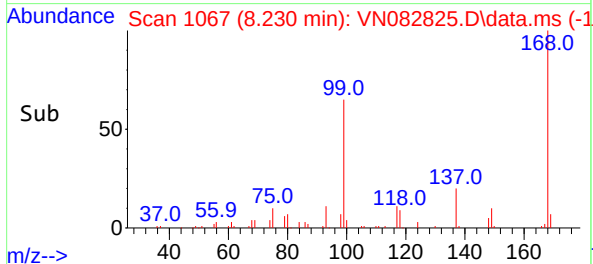
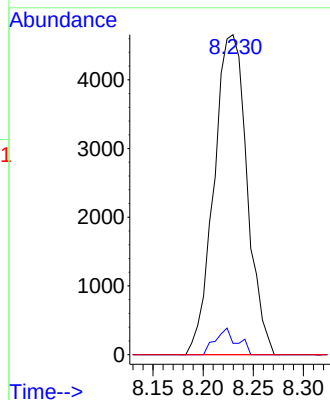


#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

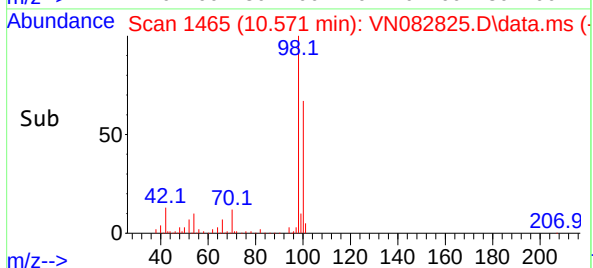
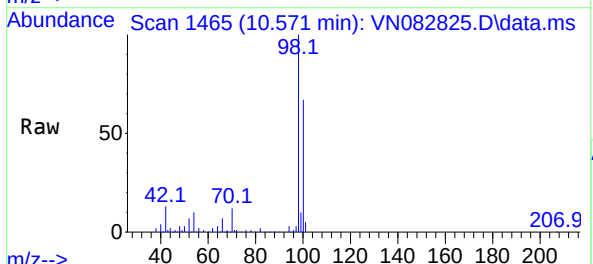
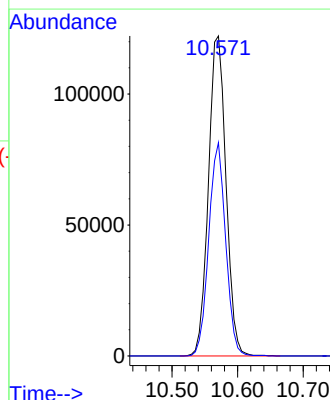


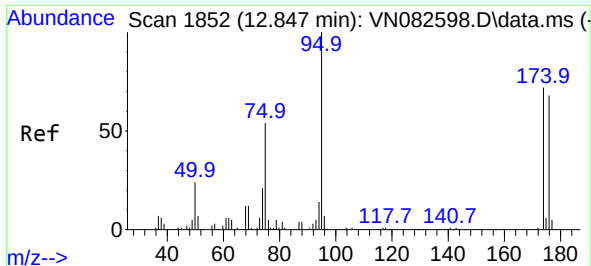
Tgt Ion:117 Resp: 10663
Ion Ratio Lower Upper
117 100
119 3.6 74.9 112.3#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 52.278 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion: 98 Resp: 227763
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

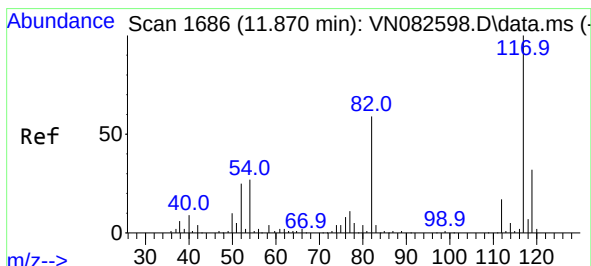
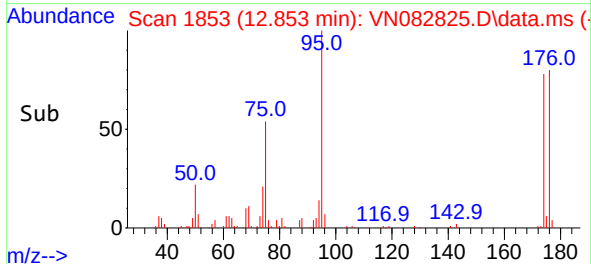
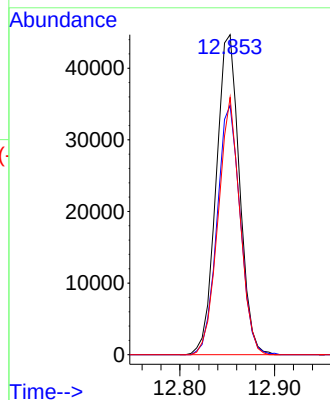
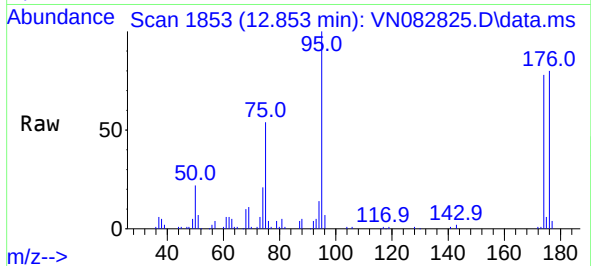




#62
4-Bromofluorobenzene
Concen: 48.859 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

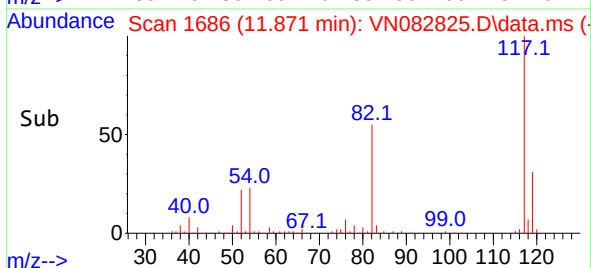
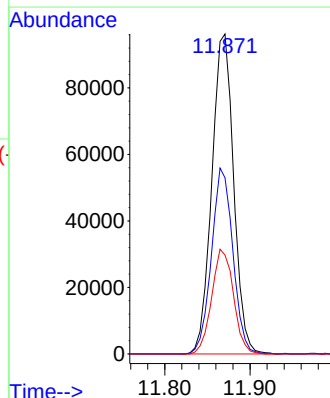
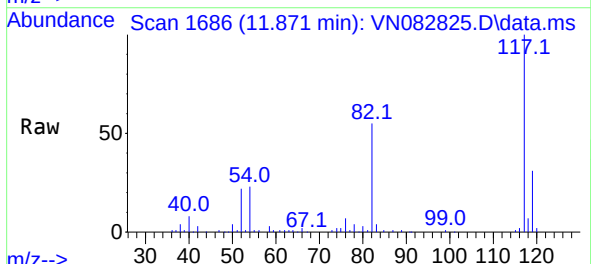
Instrument :
MSVOA_N
ClientSampleId :

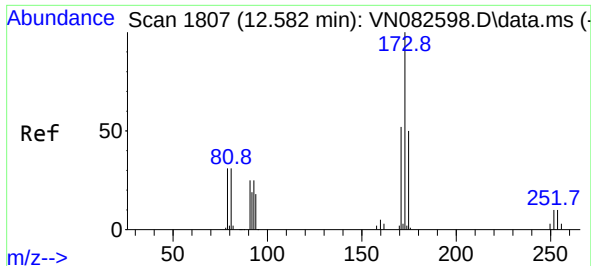
Tgt Ion: 95 Resp: 76464
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 75.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

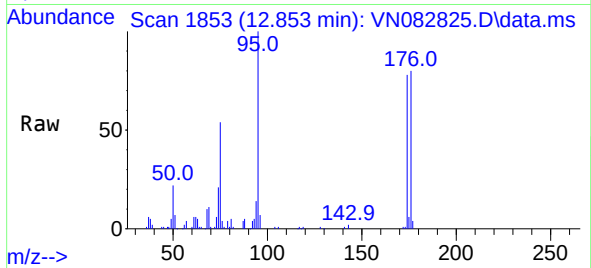
Tgt Ion: 117 Resp: 170918
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 30.9 25.6 38.4



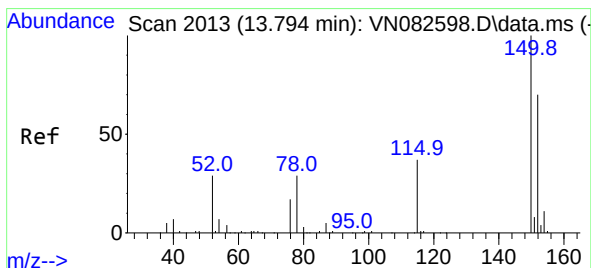
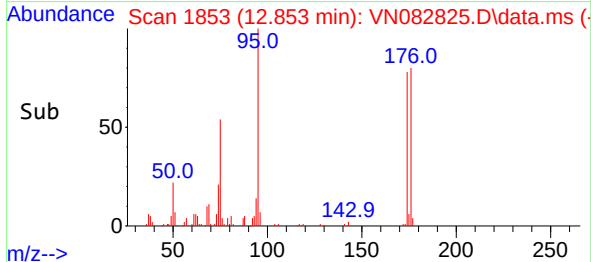
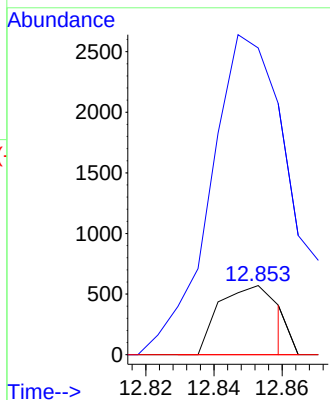


#71
Bromoform
Concen: 0.664 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

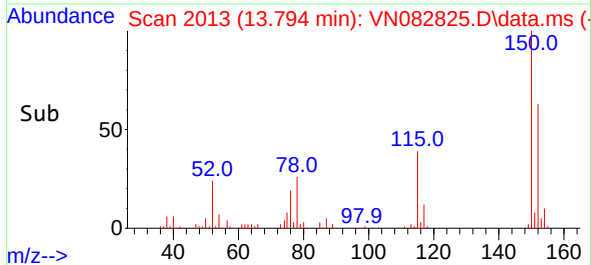
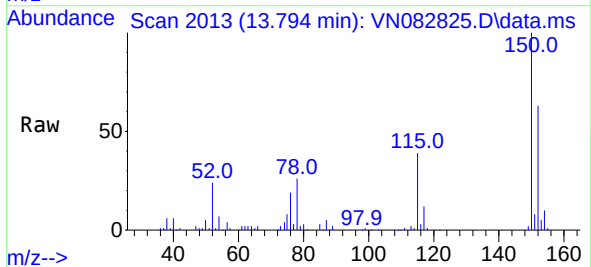
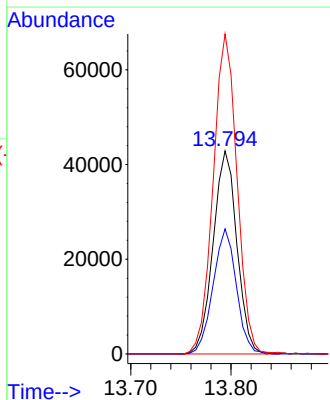


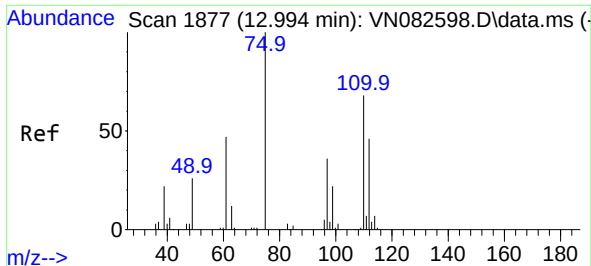
Tgt Ion:173 Resp: 680
Ion Ratio Lower Upper
173 100
175 536.6 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion:152 Resp: 70648
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 158.1 0.0 348.6

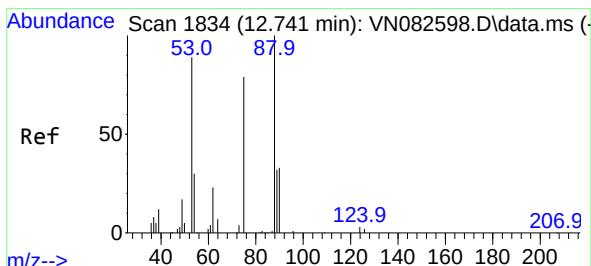
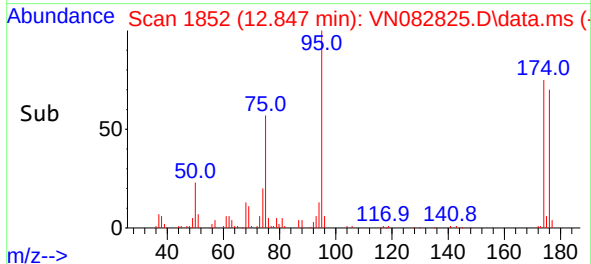
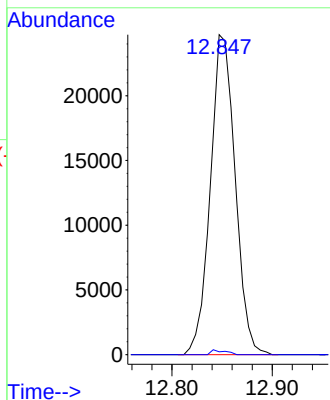
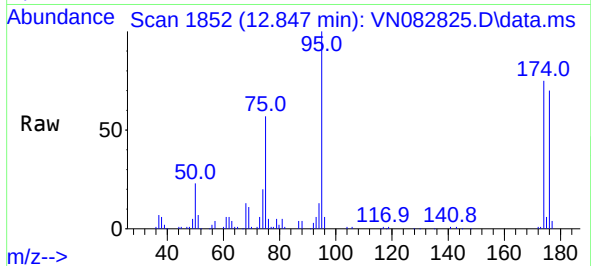




#76
1,2,3-Trichloropropane
Concen: 34.936 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

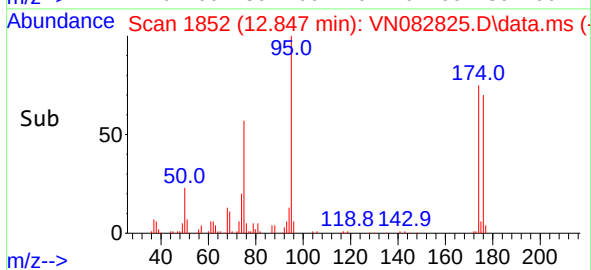
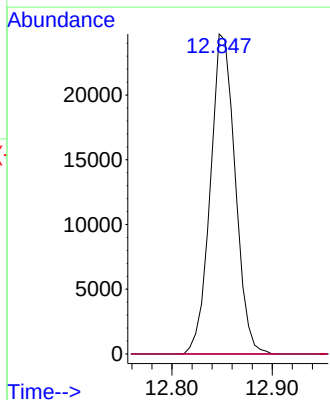
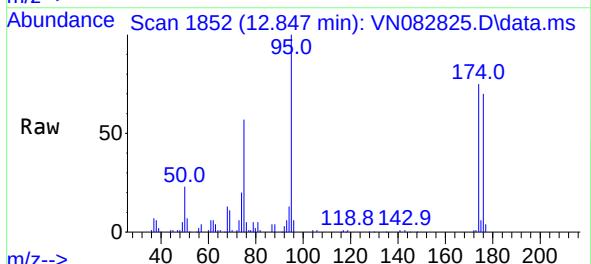
Instrument :
MSVOA_N
ClientSampleId :

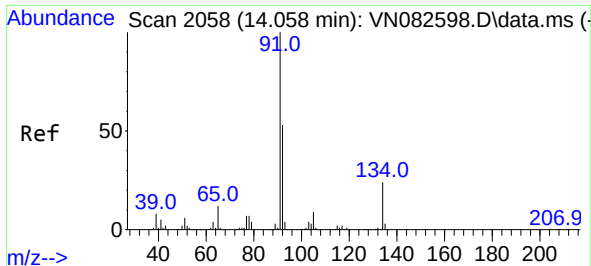
Tgt Ion: 75 Resp: 42553
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.710 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

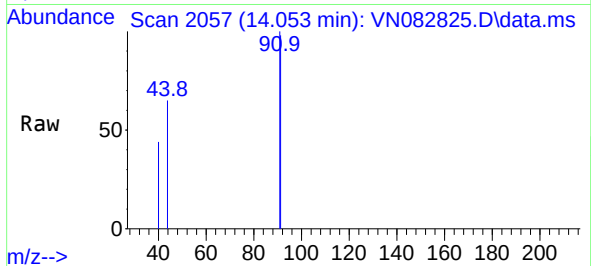
Tgt Ion: 75 Resp: 42553
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



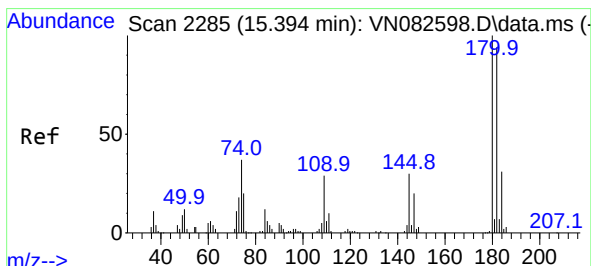
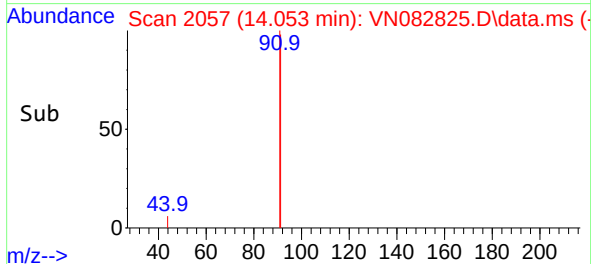
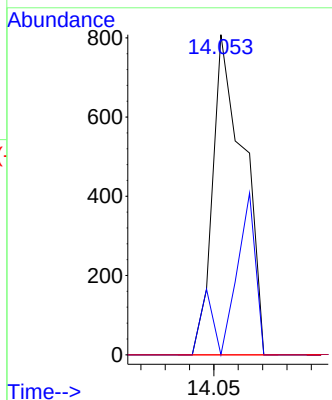


#89
n-Butylbenzene
Concen: 0.201 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.005 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

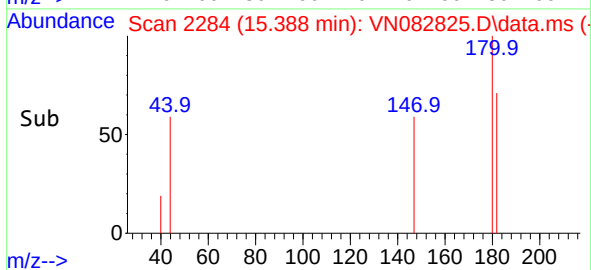
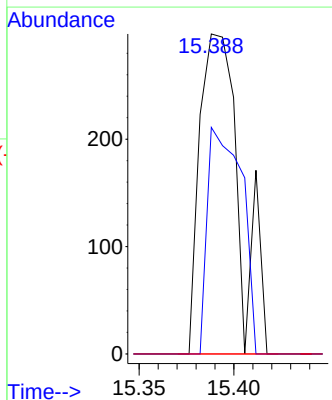
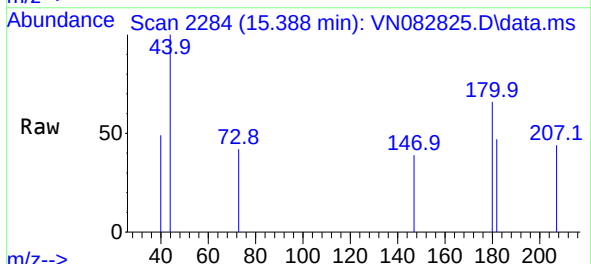


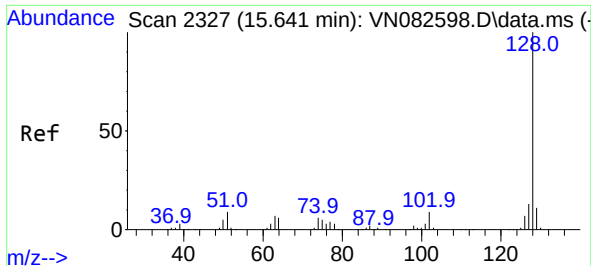
Tgt Ion: 91 Resp: 713
Ion Ratio Lower Upper
91 100
92 37.4 26.1 78.3
134 0.0 12.1 36.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.346 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

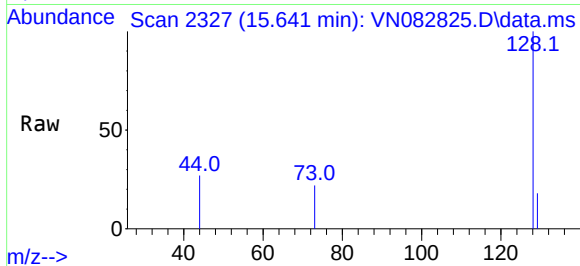
Tgt Ion: 180 Resp: 433
Ion Ratio Lower Upper
180 100
182 61.4 47.3 141.8
145 0.0 15.7 47.1#



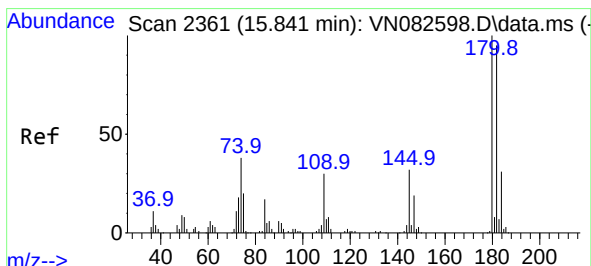
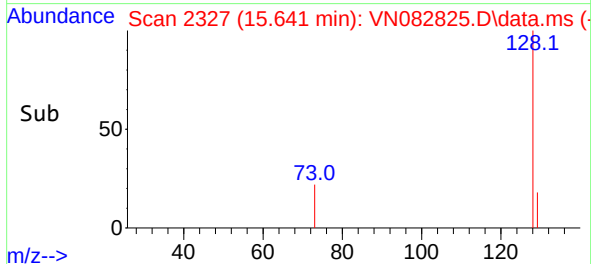
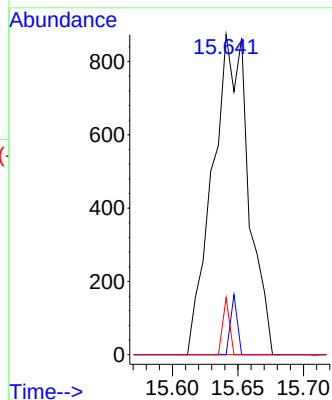


#95
Naphthalene
Concen: 0.389 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1669
Ion Ratio Lower Upper
128 100
127 3.5 10.6 16.0#
129 3.3 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.333 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN082825.D
Acq: 08 Jul 2024 16:34

Tgt Ion:180 Resp: 428
Ion Ratio Lower Upper
180 100
182 75.2 48.9 146.8
145 0.0 16.8 50.4#

