

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083165.D
 Acq On : 08 Aug 2024 18:59
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 09 01:09:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

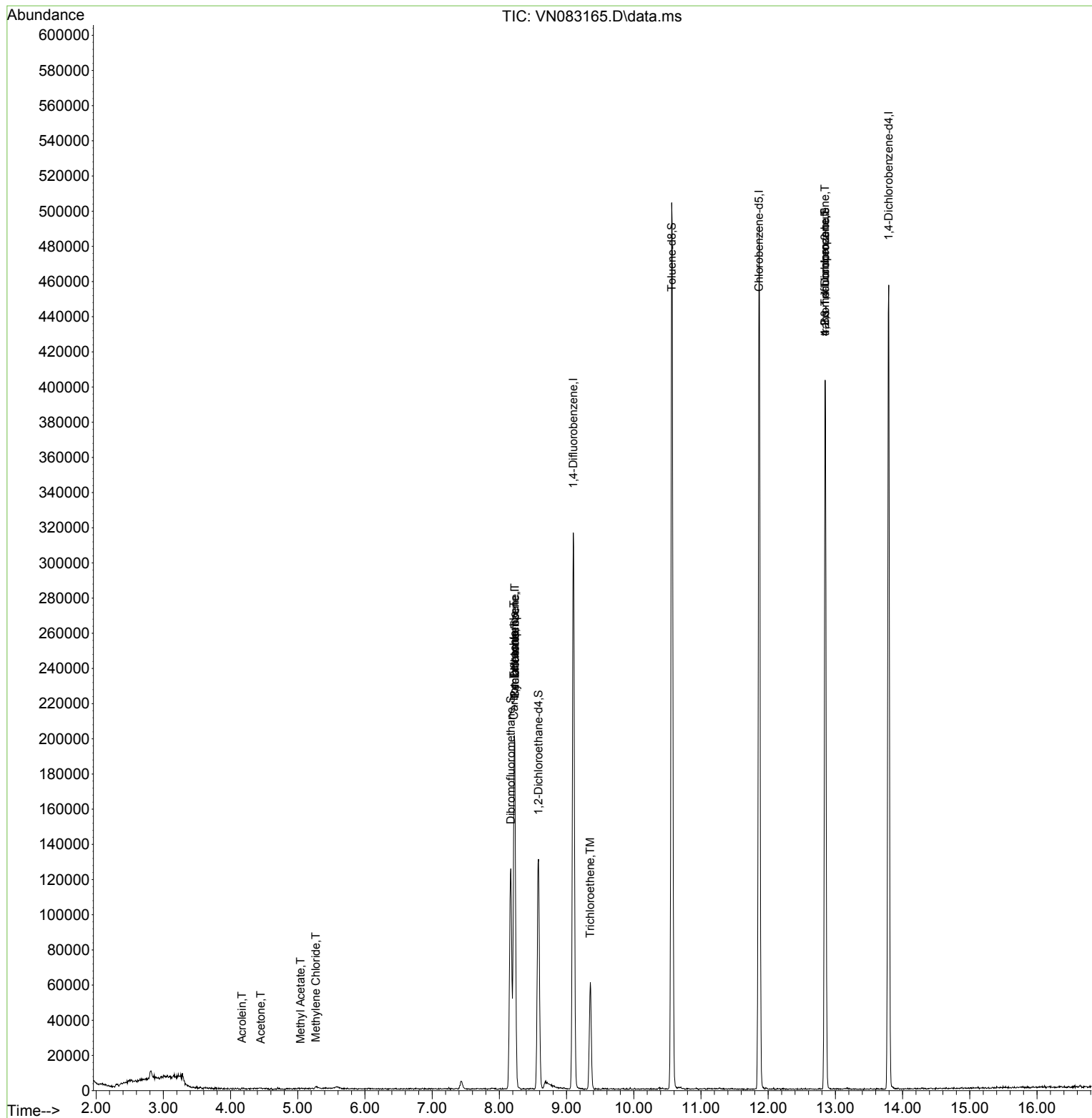
Internal Standards						
1) Pentafluorobenzene	8.229	168	142383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115185	56.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.660%	
35) Dibromofluoromethane	8.171	113	90669	53.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.660%	
50) Toluene-d8	10.565	98	349406	55.092	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.180%	
62) 4-Bromofluorobenzene	12.847	95	144951	58.623	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 117.240%	
Target Compounds						
					Qvalue	
13) Acrolein	4.171	56	58	0.211	ug/l #	1
16) Acetone	4.447	43	825	1.040	ug/l #	48
18) Methyl Acetate	5.041	43	501	0.212	ug/l #	56
20) Methylene Chloride	5.271	84	792	0.434	ug/l #	63
31) Cyclohexane	8.229	56	3548	1.181	ug/l #	15
36) 1,1-Dichloropropene	8.229	75	12784	4.970	ug/l #	53
38) Carbon Tetrachloride	8.218	117	15766	5.442	ug/l #	16
43) Isopropyl Acetate	8.682	43	2317	Below Cal	#	60
44) Trichloroethene	9.353	130	21465	11.770	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	77545	29.224	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77545	63.570	ug/l #	6

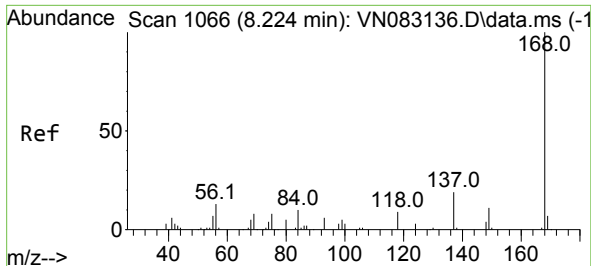
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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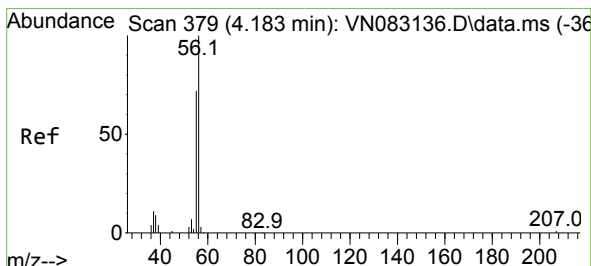
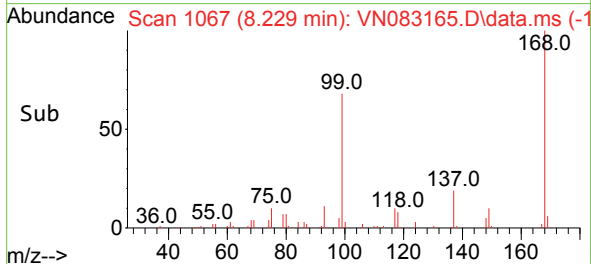
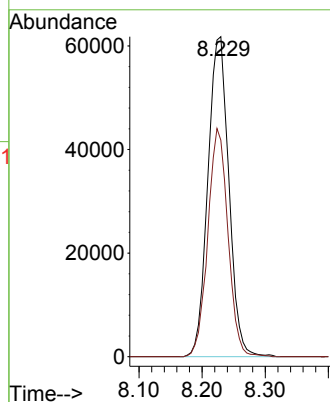
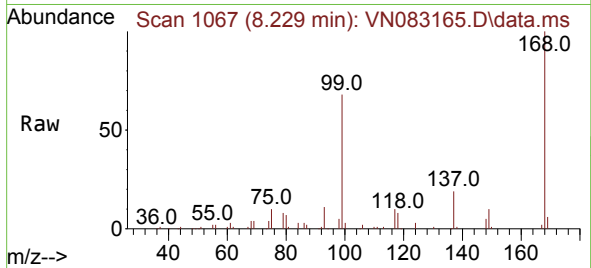




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

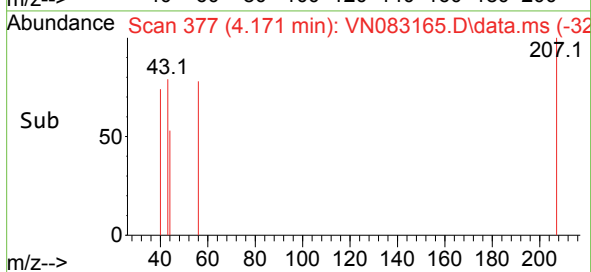
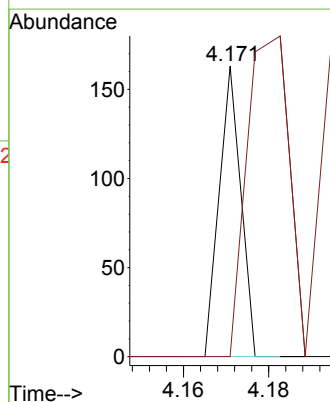
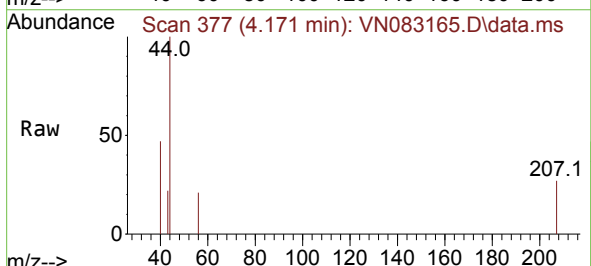
Instrument :
MSVOA_N
ClientSampleId :

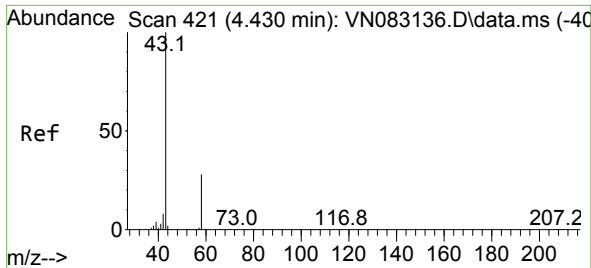
Tgt Ion:168 Resp: 142383
Ion Ratio Lower Upper
168 100
99 67.6 48.2 72.4



#13
Acrolein
Concen: 0.211 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 315.5 56.4 84.6#

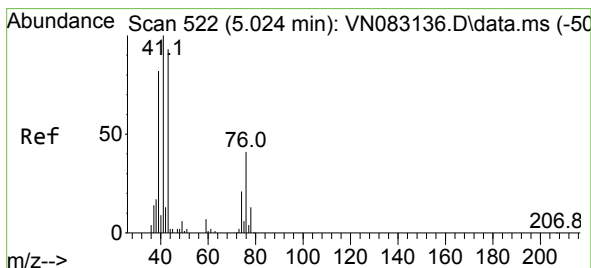
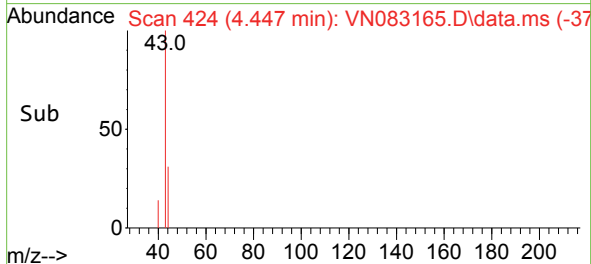
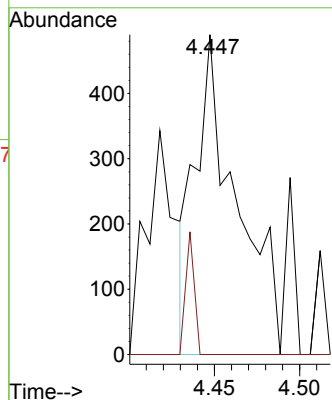
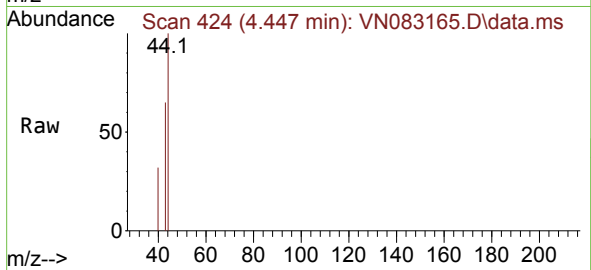




#16
Acetone
Concen: 1.040 ug/l
RT: 4.447 min Scan# 431
Delta R.T. 0.018 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

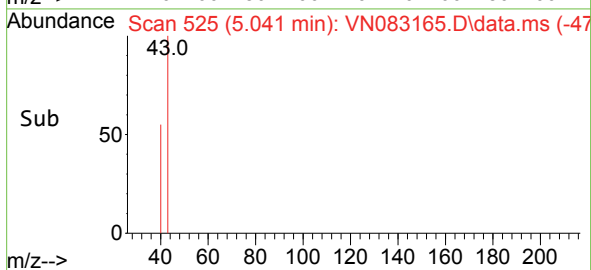
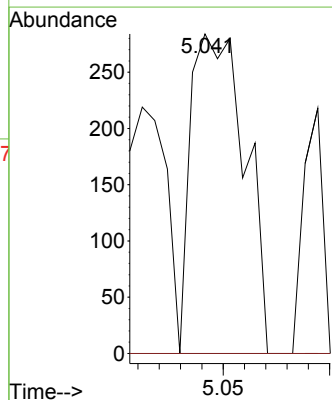
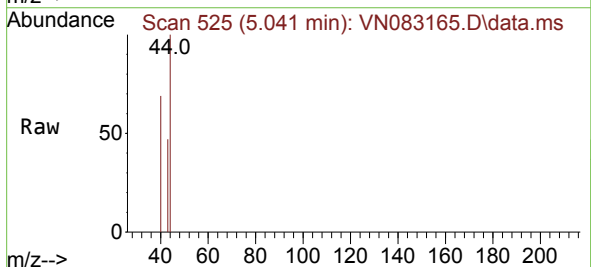
Instrument :
MSVOA_N
ClientSampleId :

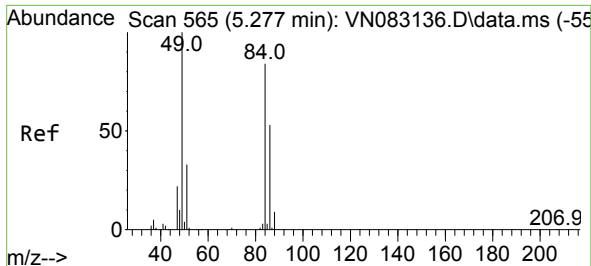
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

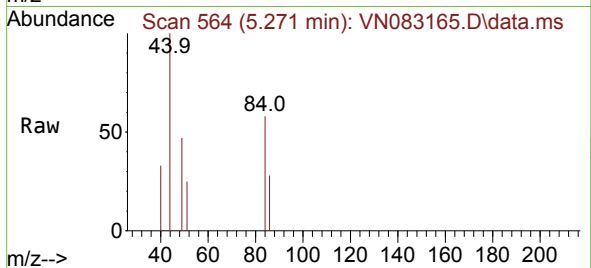
Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



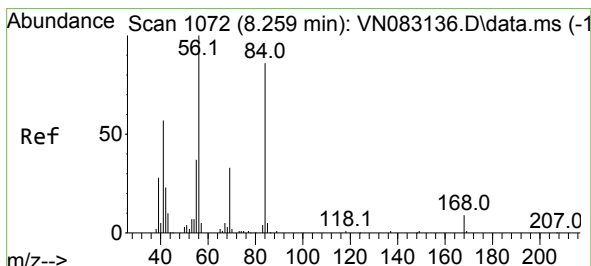
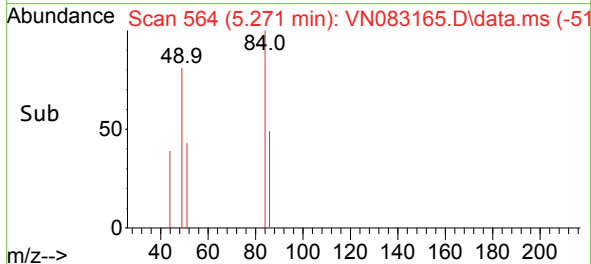
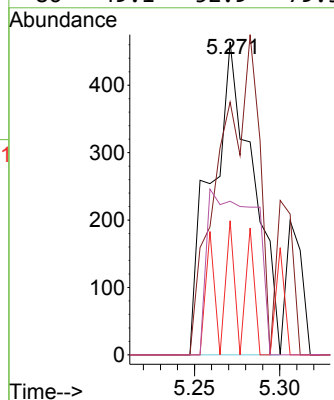


#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

Instrument :
MSVOA_N
ClientSampleId :

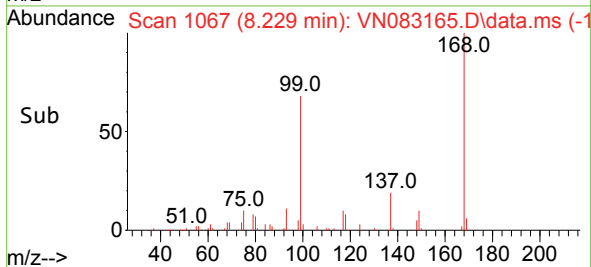
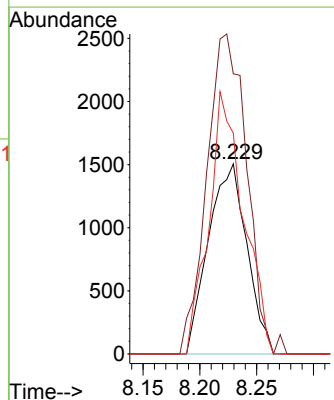
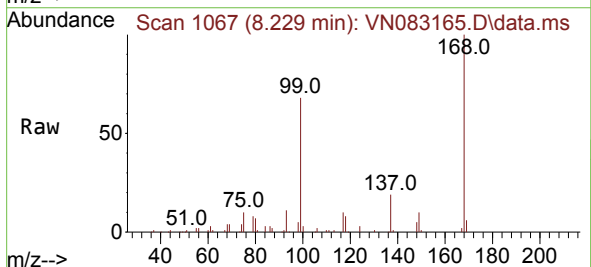


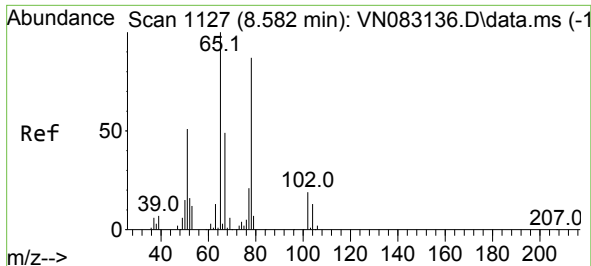
Tgt Ion:	84	Resp:	792
Ion	Ratio	Lower	Upper
84	100		
49	80.8	119.6	179.4#
51	42.9	34.8	52.2
86	49.1	52.9	79.3#



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

Tgt Ion:	56	Resp:	3548
Ion	Ratio	Lower	Upper
56	100		
69	147.4	24.5	36.7#
84	116.1	66.0	99.0#

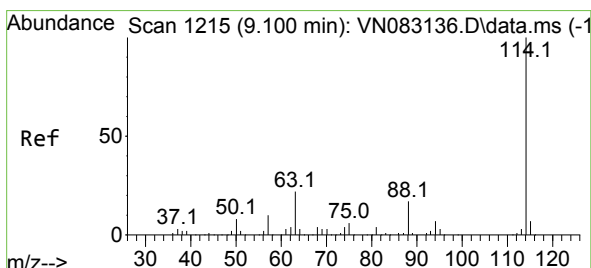
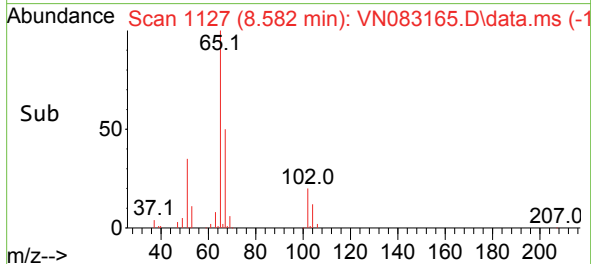
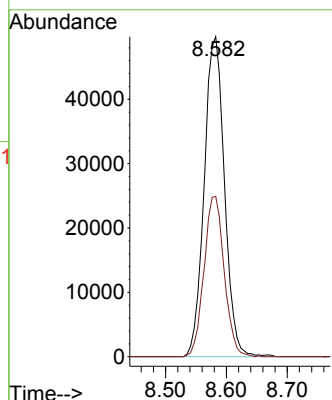
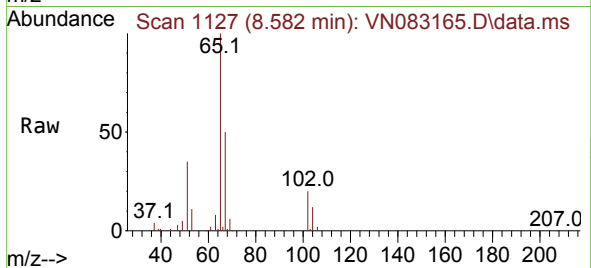




#33
 1,2-Dichloroethane-d4
 Concen: 56.835 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN083165.D
 Acq: 08 Aug 2024 18:59

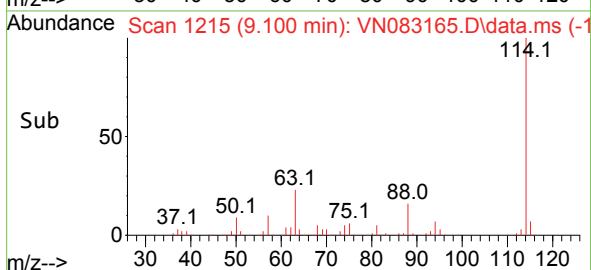
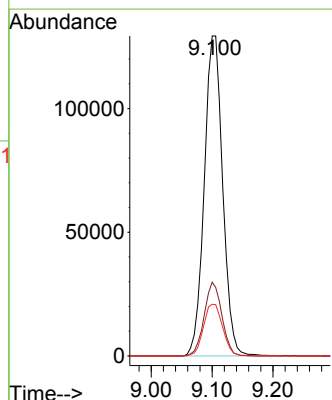
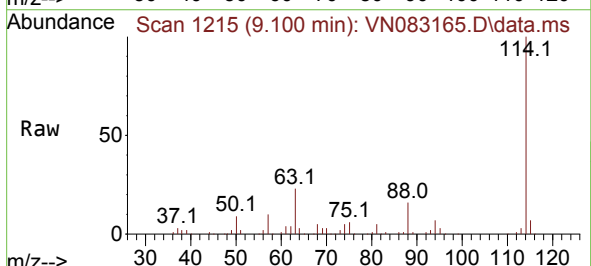
Instrument :
 MSVOA_N
 ClientSampleId :

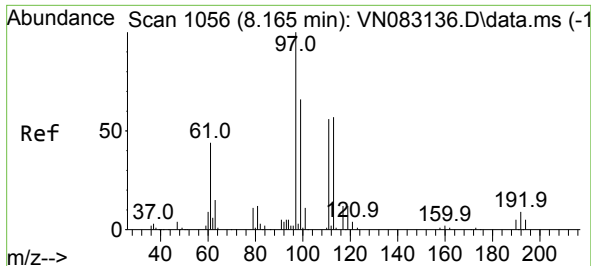
Tgt Ion: 65 Resp: 115185
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083165.D
 Acq: 08 Aug 2024 18:59

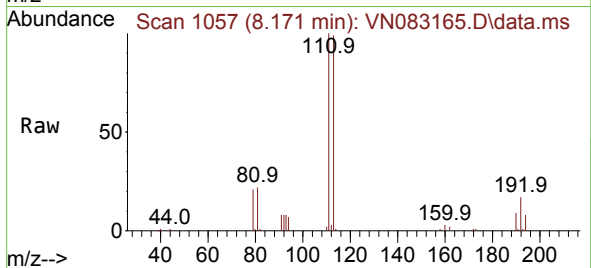
Tgt Ion: 114 Resp: 272395
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.6
 88 16.2 0.0 31.4



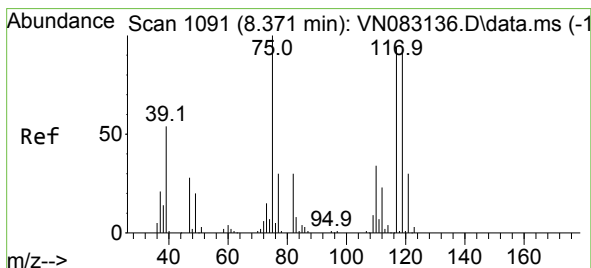
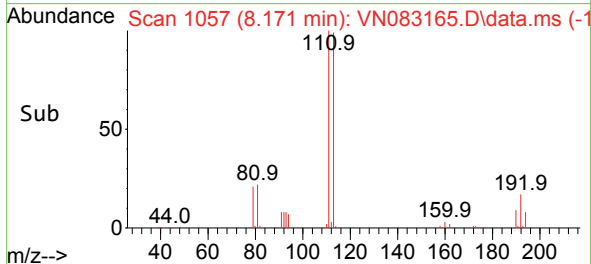
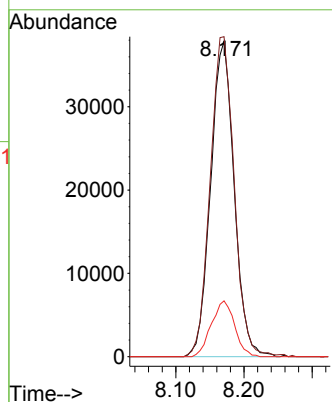


#35
Dibromofluoromethane
Concen: 53.327 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

Instrument :
MSVOA_N
ClientSampleId :

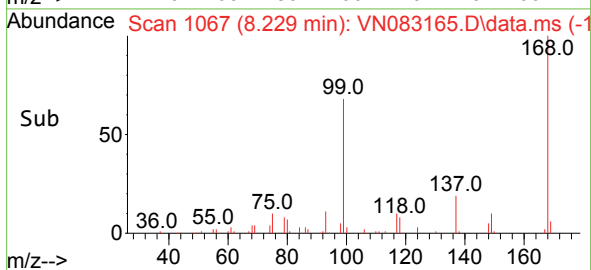
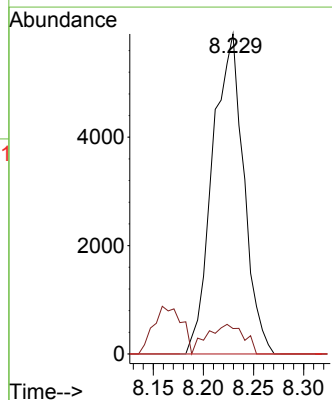
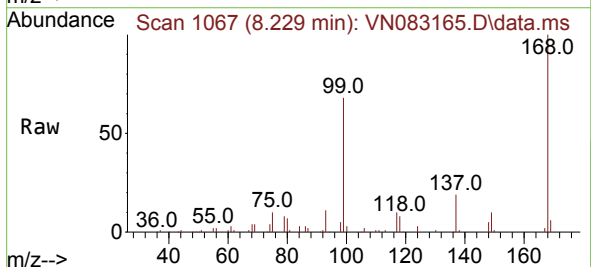


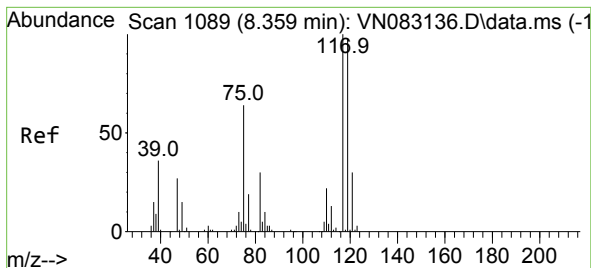
Tgt Ion:113 Resp: 90669
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.970 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

Tgt Ion: 75 Resp: 12784
Ion Ratio Lower Upper
75 100
110 10.8 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.442 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

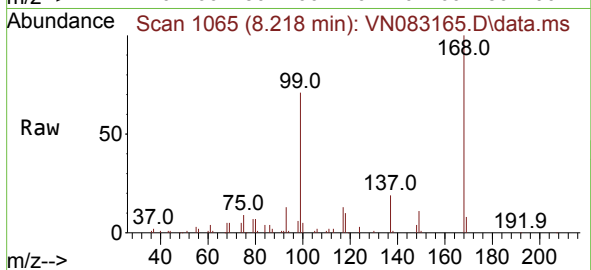
Lab File: VN083165.D

Acq: 08 Aug 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :



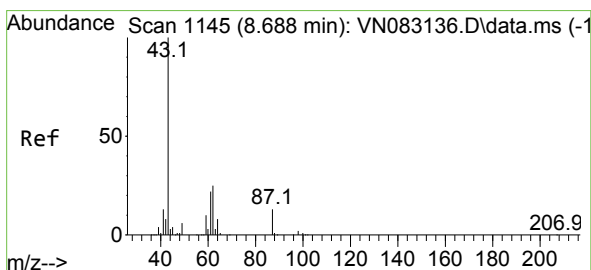
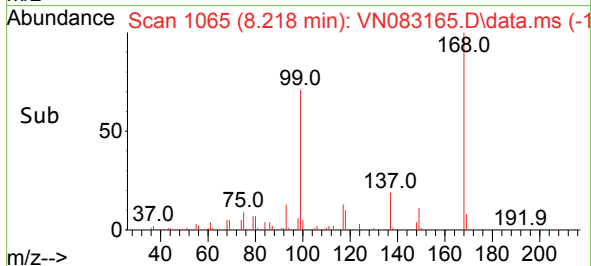
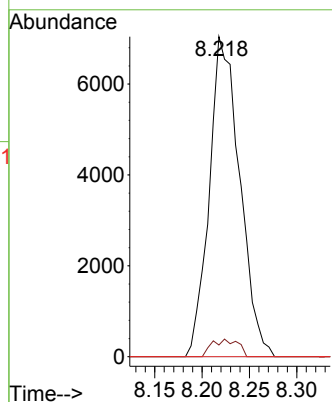
Tgt Ion:117 Resp: 15766

Ion Ratio Lower Upper

117 100

119 3.7 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN083165.D

Acq: 08 Aug 2024 18:59

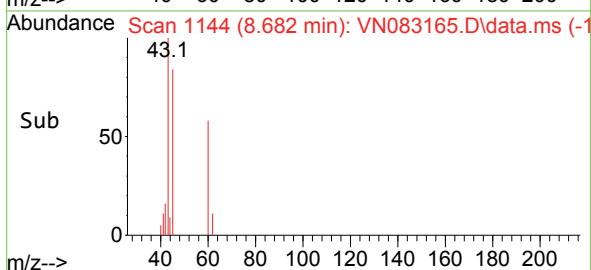
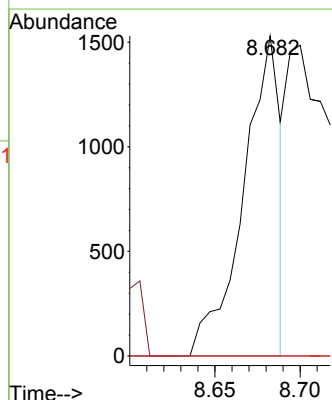
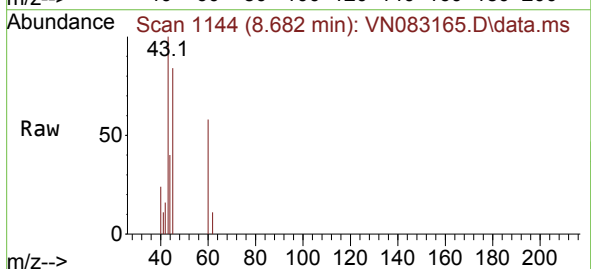
Tgt Ion: 43 Resp: 2317

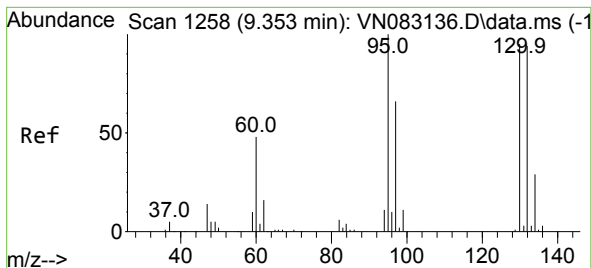
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#44

Trichloroethene

Concen: 11.770 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083165.D

Acq: 08 Aug 2024 18:59

Instrument :

MSVOA_N

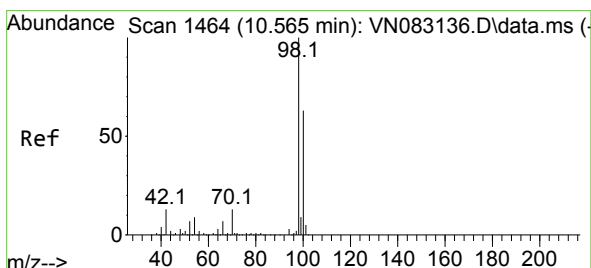
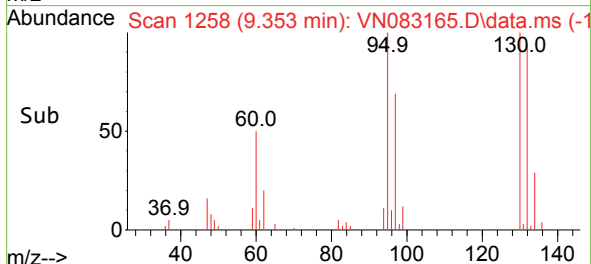
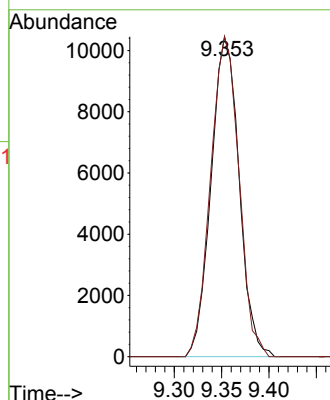
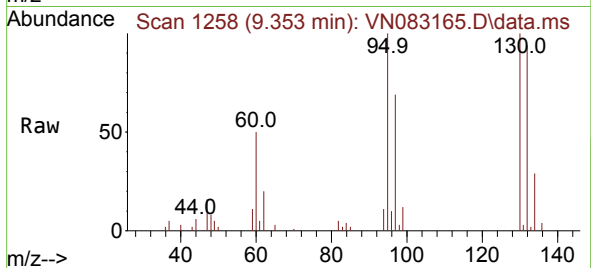
ClientSampleId :

Tgt Ion:130 Resp: 21465

Ion Ratio Lower Upper

130 100

95 100.0 0.0 197.8



#50

Toluene-d8

Concen: 55.092 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083165.D

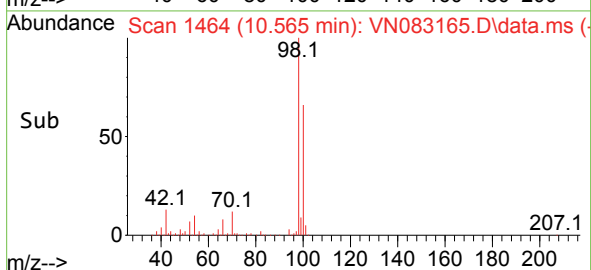
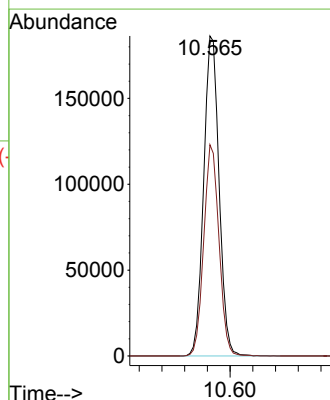
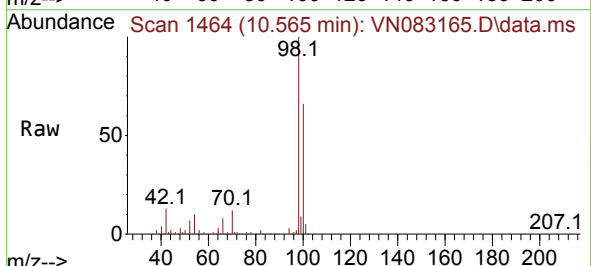
Acq: 08 Aug 2024 18:59

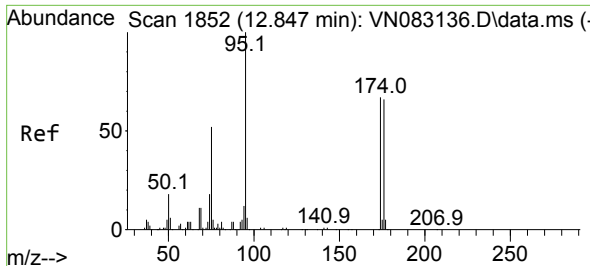
Tgt Ion: 98 Resp: 349406

Ion Ratio Lower Upper

98 100

100 65.3 51.5 77.3

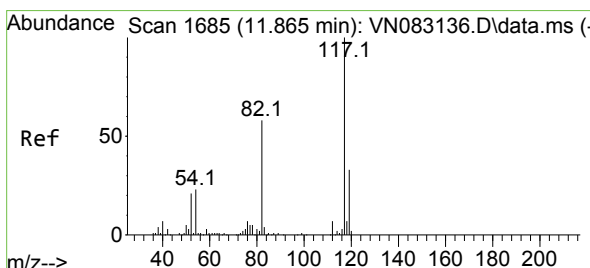
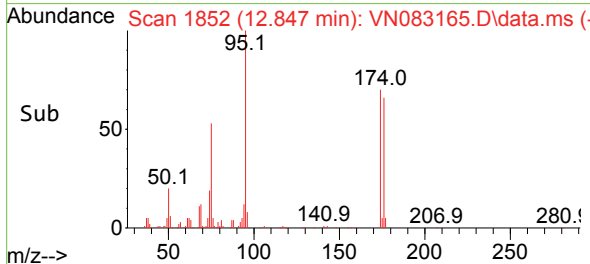
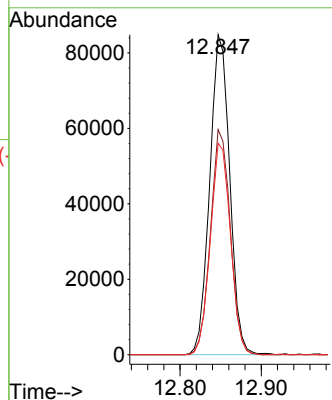
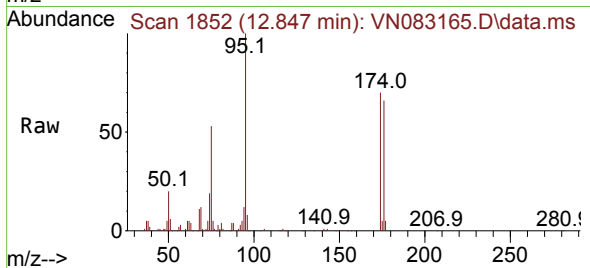




#62
4-Bromofluorobenzene
Concen: 58.623 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

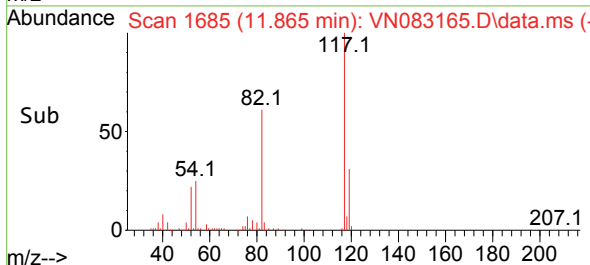
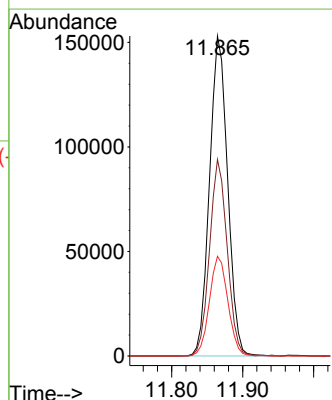
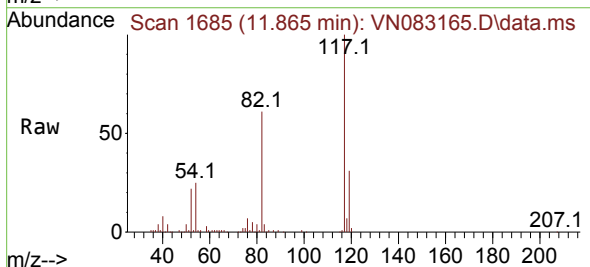
Instrument :
MSVOA_N
ClientSampleId :

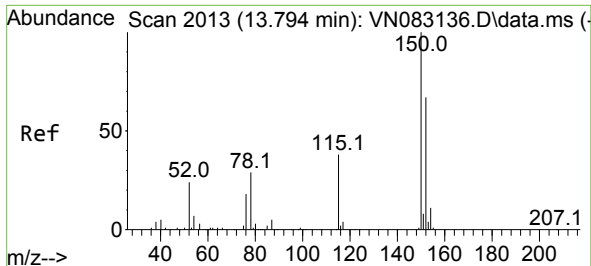
Tgt Ion: 95 Resp: 144951
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 66.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

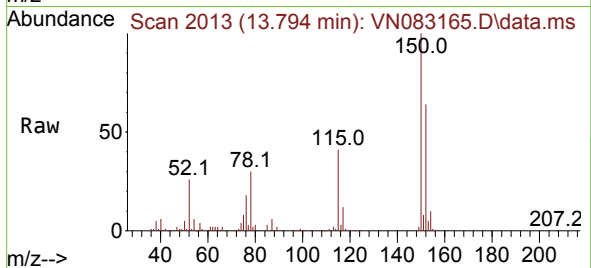
Tgt Ion: 117 Resp: 270585
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 31.1 25.6 38.4



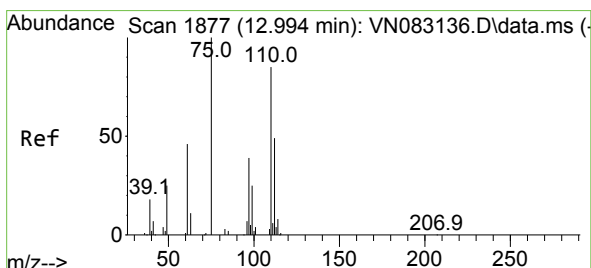
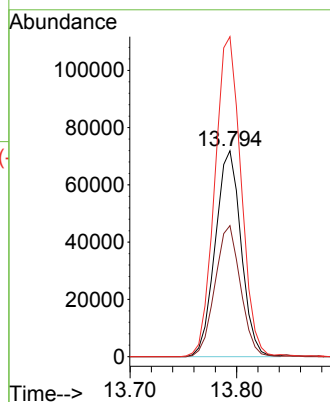
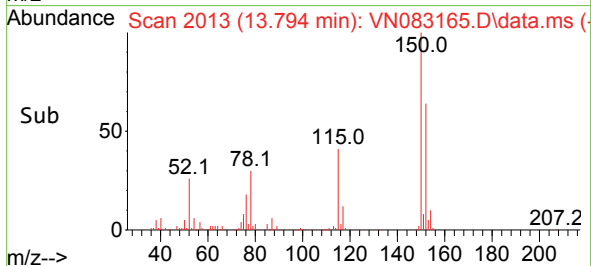


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083165.D
 Acq: 08 Aug 2024 18:59

Instrument :
 MSVOA_N
 ClientSampleId :

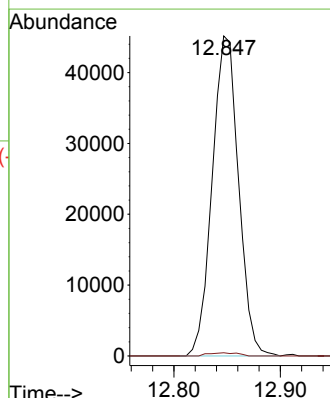
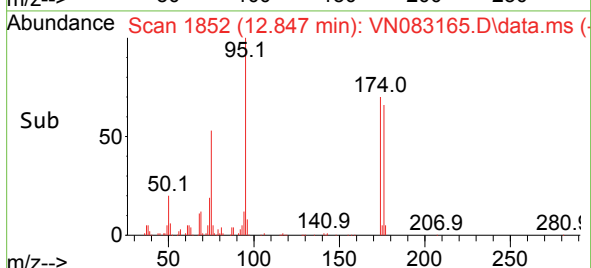
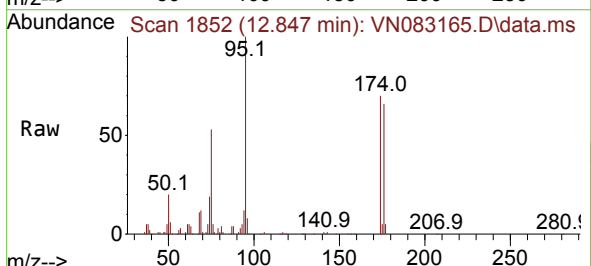


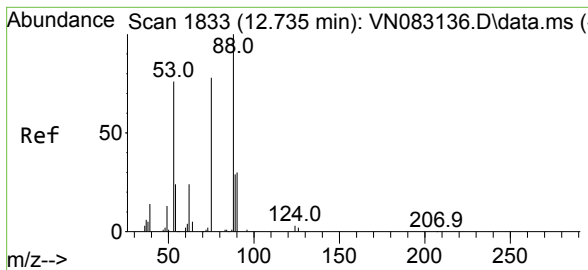
Tgt Ion:152 Resp: 120900
 Ion Ratio Lower Upper
 152 100
 115 63.0 30.6 91.6
 150 158.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.224 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083165.D
 Acq: 08 Aug 2024 18:59

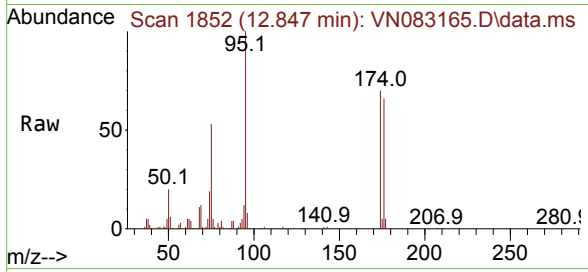
Tgt Ion: 75 Resp: 77545
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.570 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083165.D
Acq: 08 Aug 2024 18:59

Instrument :
MSVOA_N
ClientSampleId :



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

