

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083175.D
 Acq On : 09 Aug 2024 12:21
 Operator : JC\MD
 Sample : P3393-25
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 00:54:37 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)

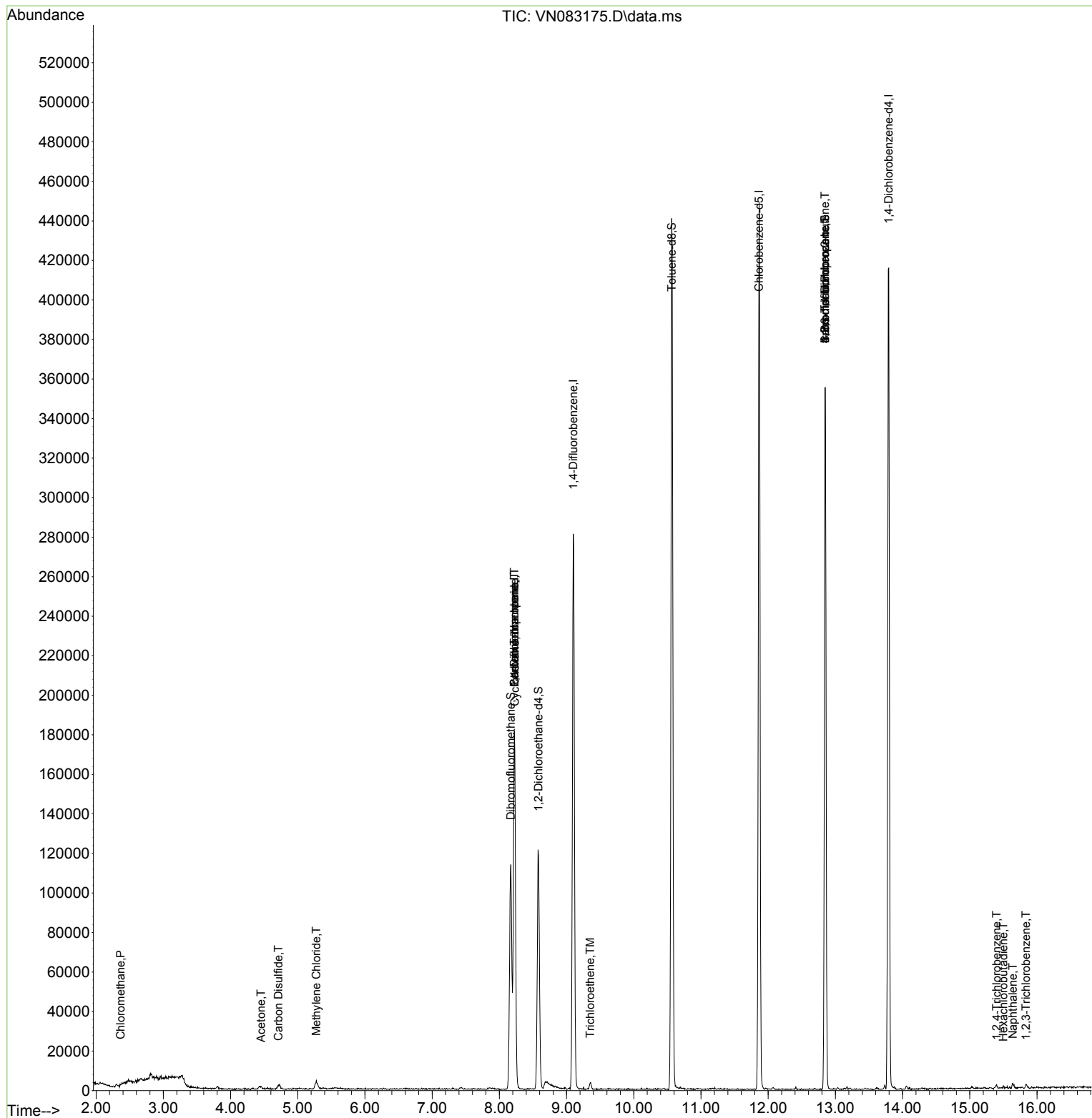
Internal Standards						
1) Pentafluorobenzene	8.224	168	125647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	236926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	103555	57.902	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.800%	
35) Dibromofluoromethane	8.171	113	81557	55.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.300%	
50) Toluene-d8	10.565	98	306290	55.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.040%	
62) 4-Bromofluorobenzene	12.847	95	128783	59.882	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 119.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	437	0.300	ug/l #	43
16) Acetone	4.453	43	3161	4.517	ug/l #	79
17) Carbon Disulfide	4.712	76	1692	0.415	ug/l #	75
20) Methylene Chloride	5.277	84	3058	1.899	ug/l	89
31) Cyclohexane	8.230	56	3174	1.198	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	11401	5.096	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14299	5.675	ug/l #	16
43) Isopropyl Acetate	8.683	43	3207	Below Cal	#	60
44) Trichloroethene	9.353	130	1477	0.931	ug/l	94
71) Bromoform	12.847	173	529	0.368	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71278	29.793	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71278	64.806	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.400	180	775	0.375	ug/l #	44
94) Hexachlorobutadiene	15.500	225	411	0.447	ug/l	71
95) Naphthalene	15.641	128	3189	0.436	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.835	180	790	0.386	ug/l	92

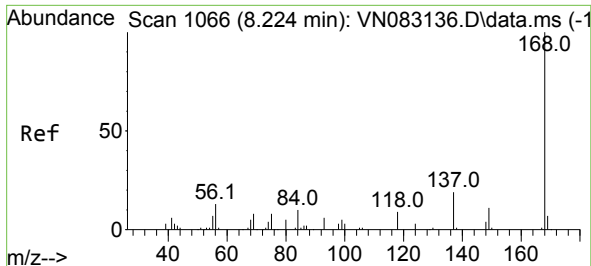
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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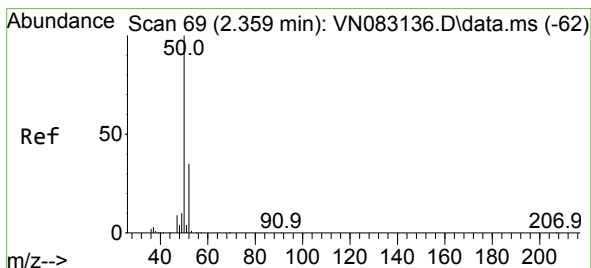
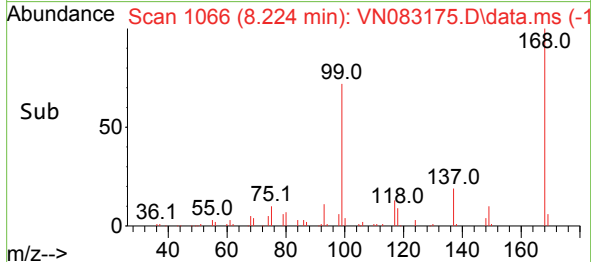
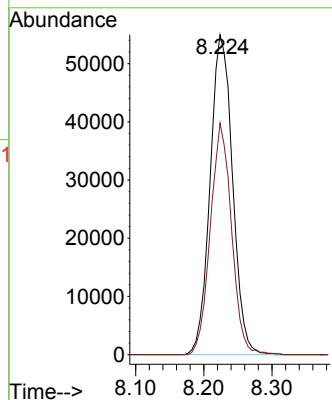
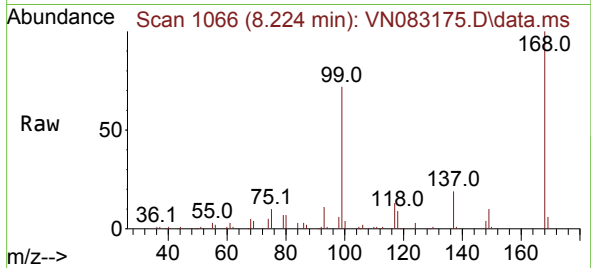




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

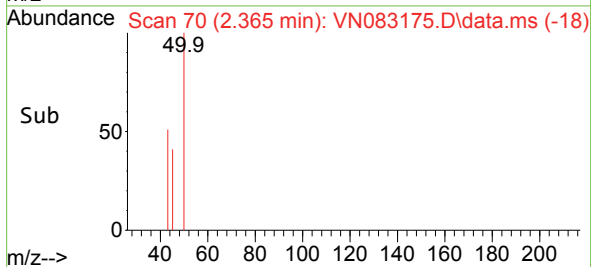
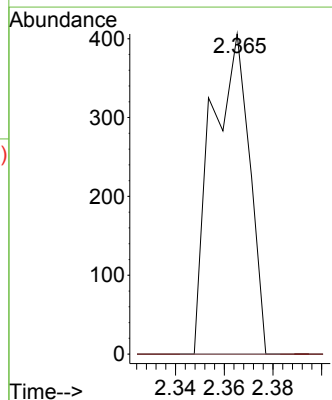
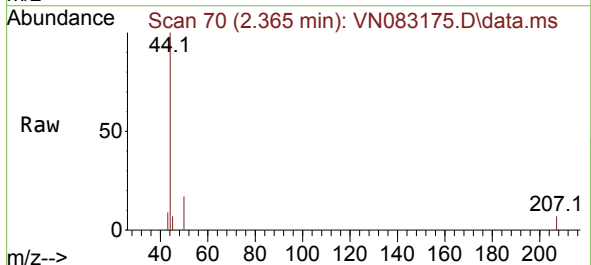
Instrument :
MSVOA_N
ClientSampleId :

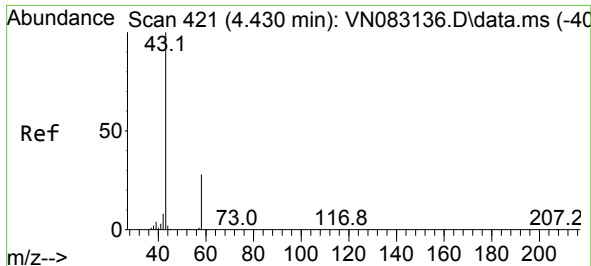
Tgt Ion:168 Resp: 125647
Ion Ratio Lower Upper
168 100
99 72.3 48.2 72.4



#3
Chloromethane
Concen: 0.300 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

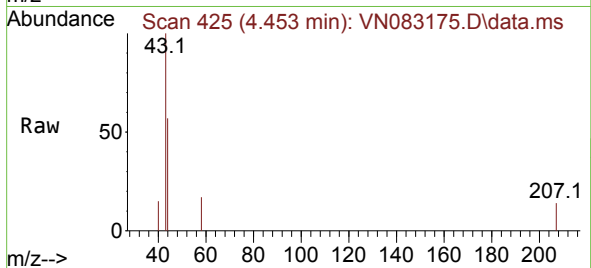
Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



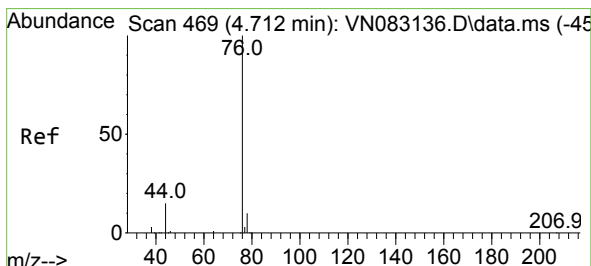
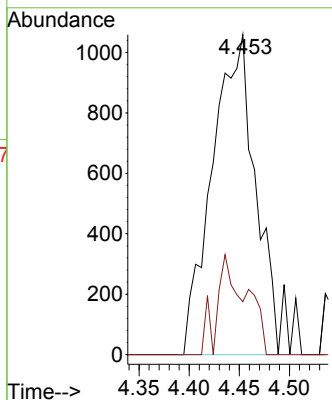
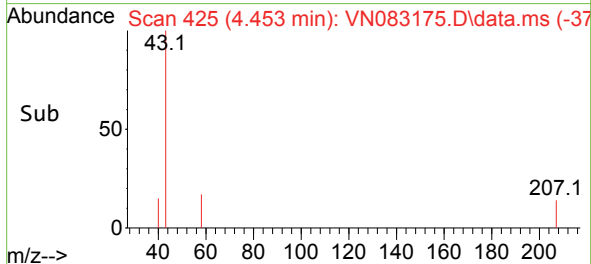


#16
Acetone
Concen: 4.517 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

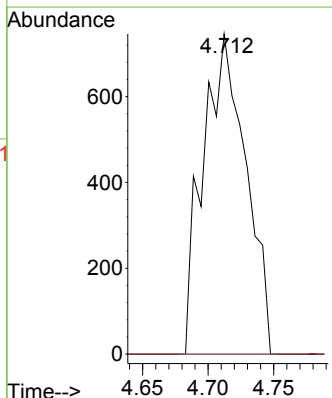
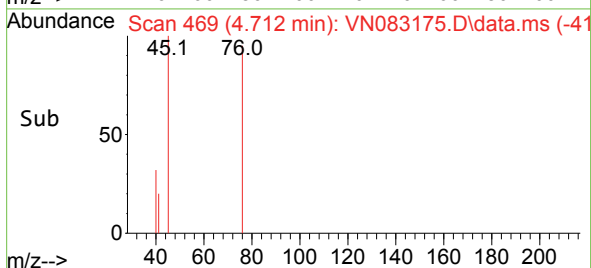
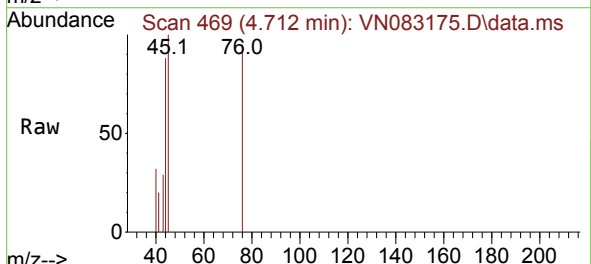


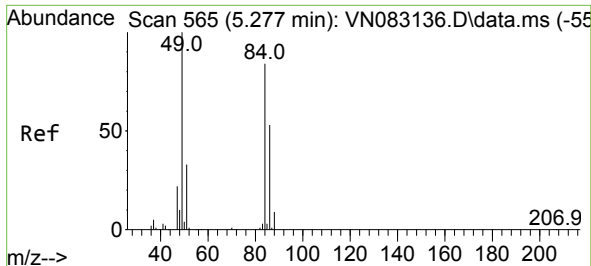
Tgt Ion: 43 Resp: 3161
Ion Ratio Lower Upper
43 100
58 16.5 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.415 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

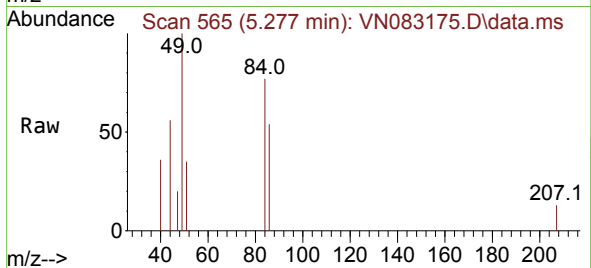
Tgt Ion: 76 Resp: 1692
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



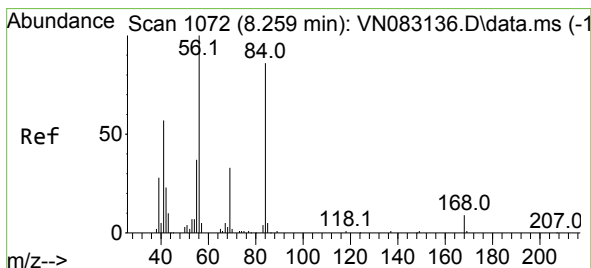
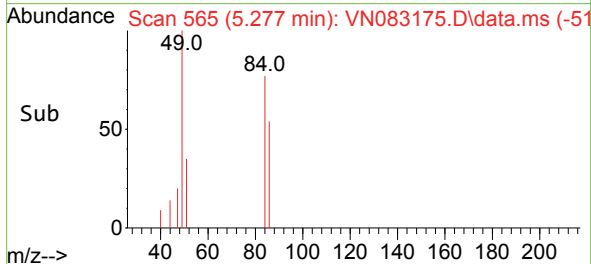
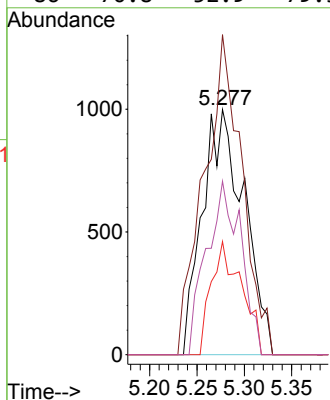


#20
Methylene Chloride
Concen: 1.899 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

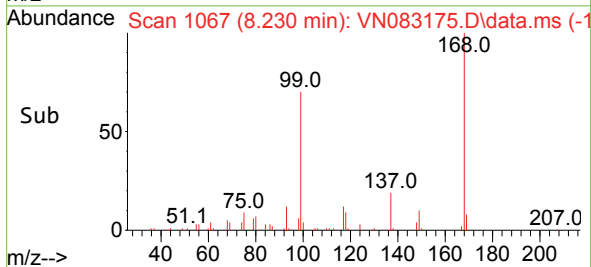
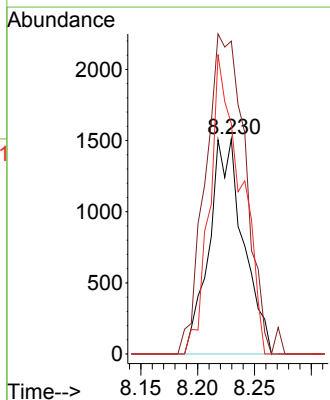
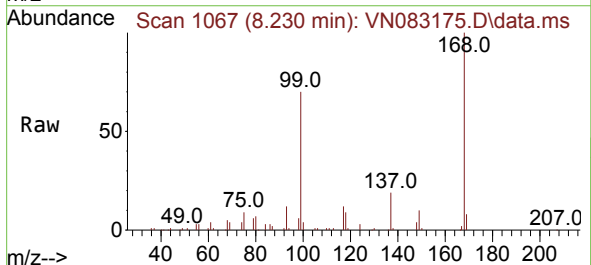


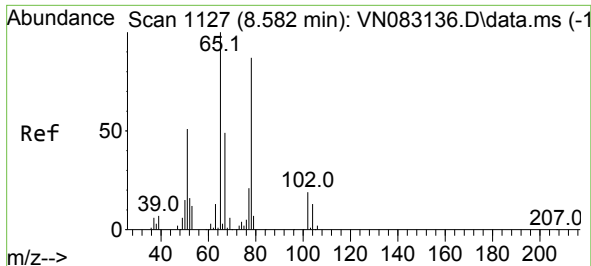
Tgt Ion:	84	Resp:	3058
Ion	Ratio	Lower	Upper
84	100		
49	130.5	119.6	179.4
51	46.1	34.8	52.2
86	70.8	52.9	79.3



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

Tgt Ion:	56	Resp:	3174
Ion	Ratio	Lower	Upper
56	100		
69	145.4	24.5	36.7#
84	107.0	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.902 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

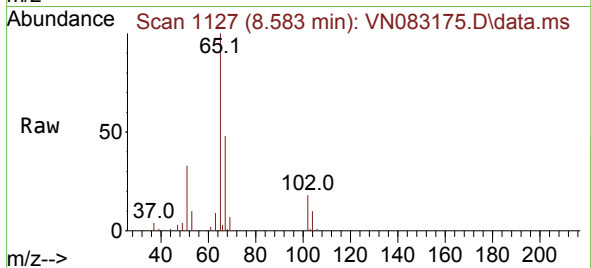
Lab File: VN083175.D

Acq: 09 Aug 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

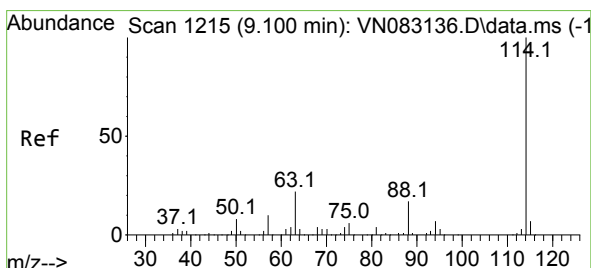
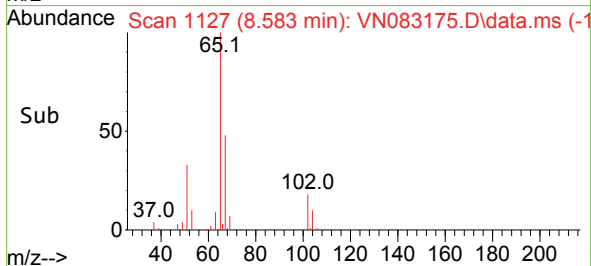
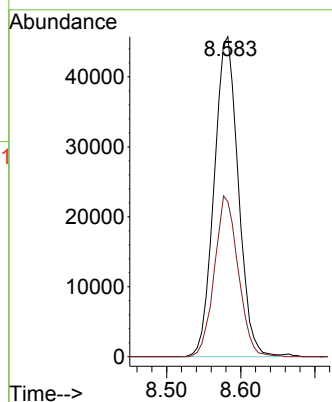


Tgt Ion: 65 Resp: 103555

Ion Ratio Lower Upper

65 100

67 49.4 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: VN083175.D

Acq: 09 Aug 2024 12:21

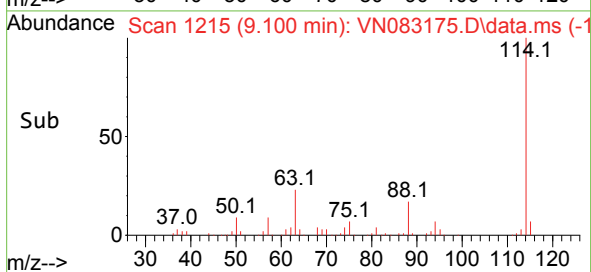
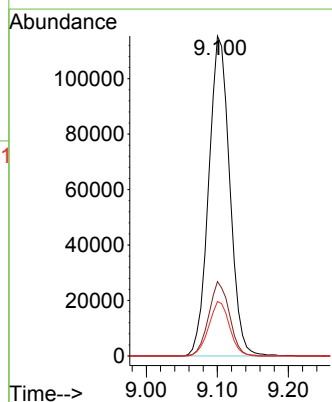
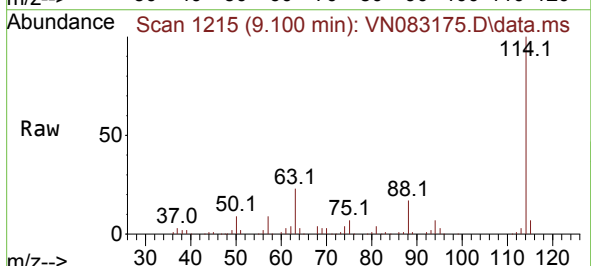
Tgt Ion: 114 Resp: 236926

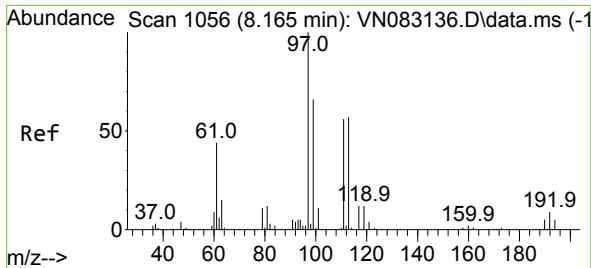
Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.6

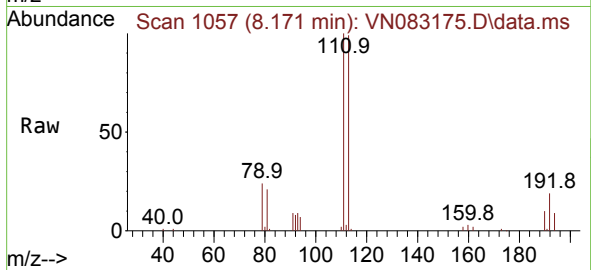
88 17.0 0.0 31.4



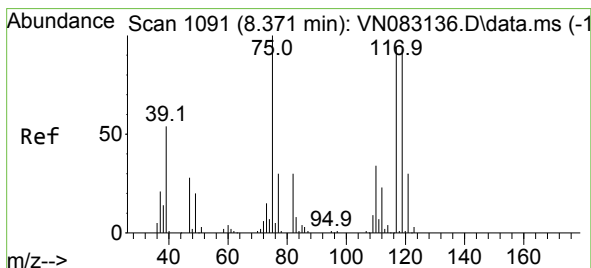
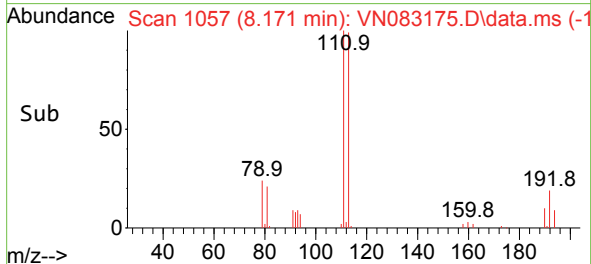
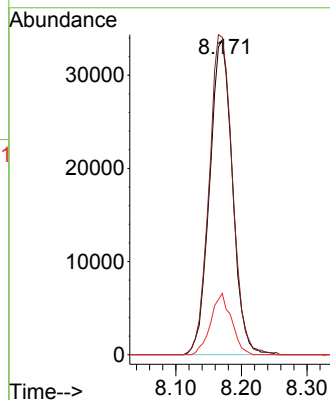


#35
 Dibromofluoromethane
 Concen: 55.149 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN083175.D
 Acq: 09 Aug 2024 12:21

Instrument :
 MSVOA_N
 ClientSampleId :

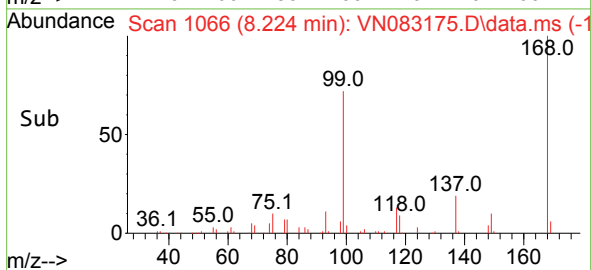
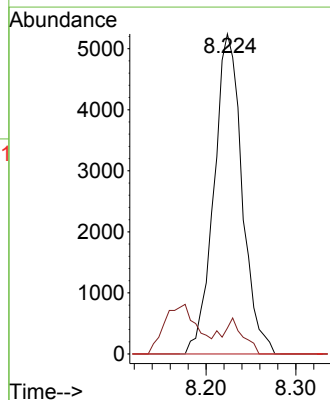
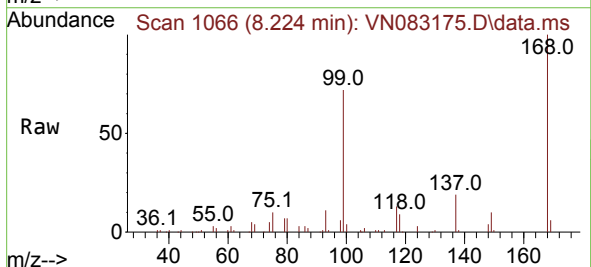


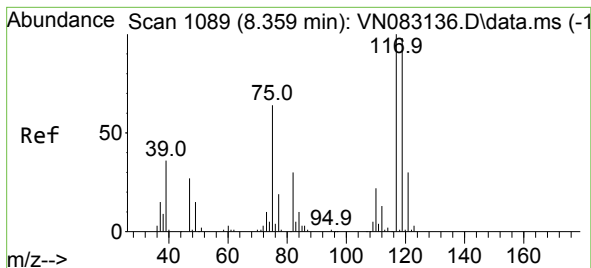
Tgt	Ion:113	Resp:	81557
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	17.7	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 5.096 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083175.D
 Acq: 09 Aug 2024 12:21

Tgt Ion: 75	Resp:	11401	
Ion Ratio	Lower	Upper	
75 100			
110	8.4	16.3	48.9#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.675 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

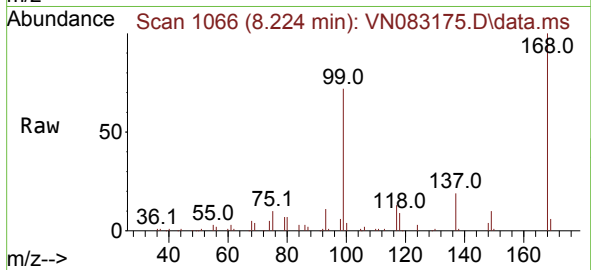
Lab File: VN083175.D

Acq: 09 Aug 2024 12:21

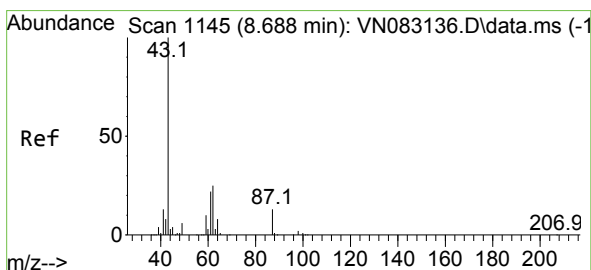
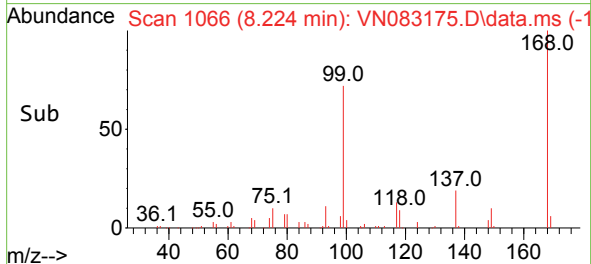
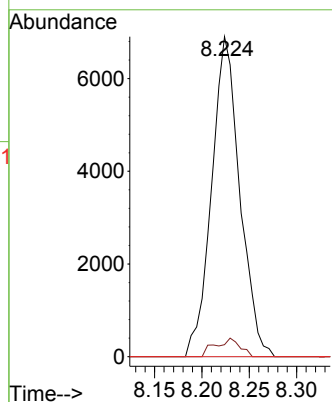
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	14299
Ion	Ratio	Lower	Upper
117	100		
119	3.8	74.9	112.3#
121	0.0	24.3	36.5#



#43

Isopropyl Acetate

Concen: Below Cal

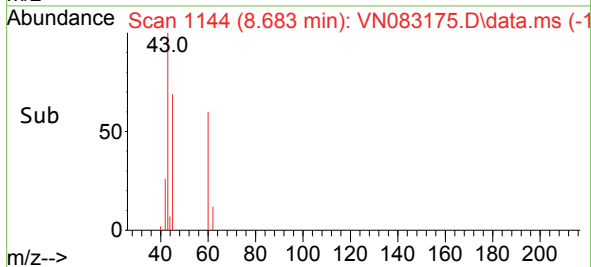
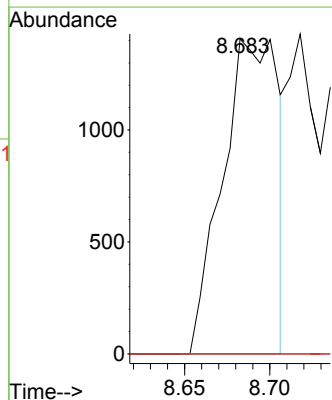
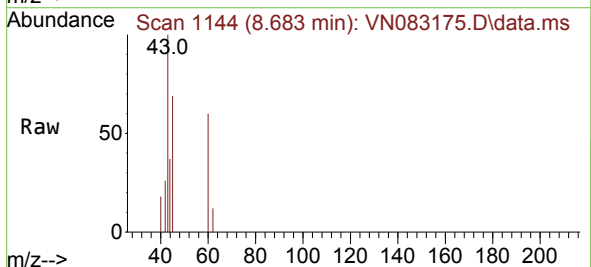
RT: 8.683 min Scan# 1144

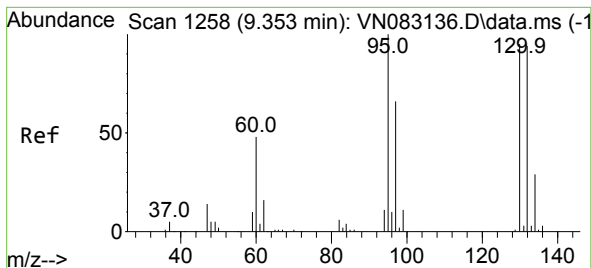
Delta R.T. -0.005 min

Lab File: VN083175.D

Acq: 09 Aug 2024 12:21

Tgt Ion:	43	Resp:	3207
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#





#44

Trichloroethene

Concen: 0.931 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083175.D

Acq: 09 Aug 2024 12:21

Instrument :

MSVOA_N

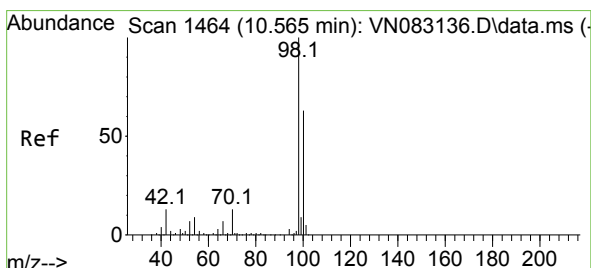
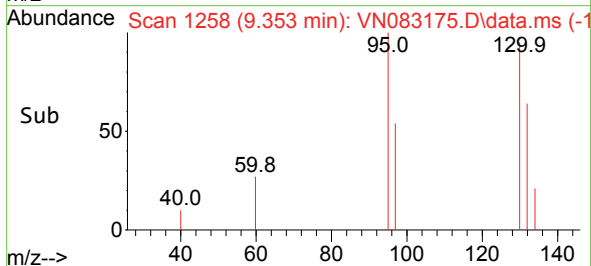
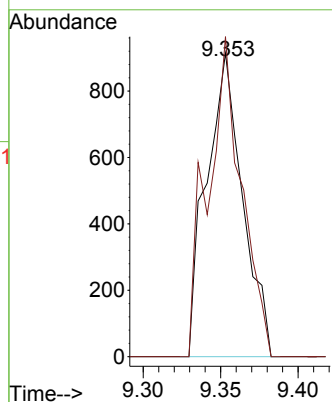
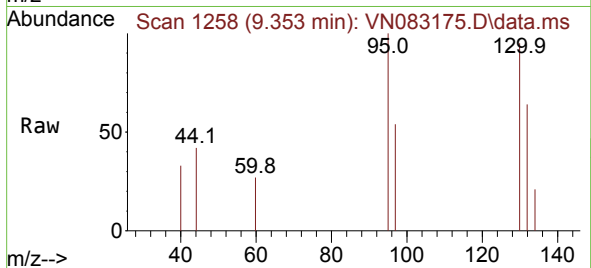
ClientSampleId :

Tgt Ion:130 Resp: 1477

Ion Ratio Lower Upper

130 100

95 105.4 0.0 197.8



#50

Toluene-d8

Concen: 55.523 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083175.D

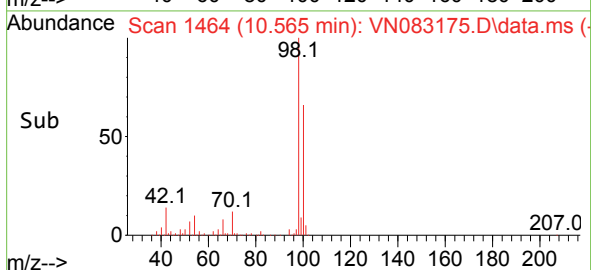
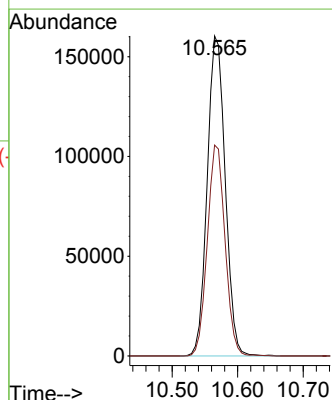
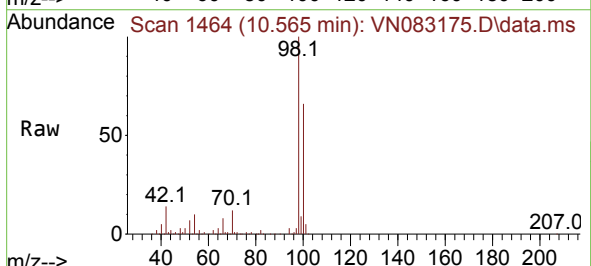
Acq: 09 Aug 2024 12:21

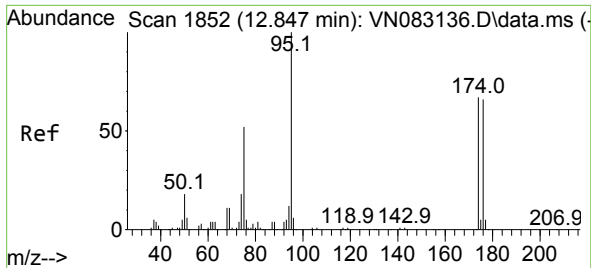
Tgt Ion: 98 Resp: 306290

Ion Ratio Lower Upper

98 100

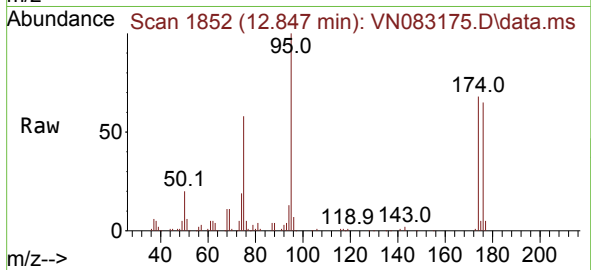
100 64.9 51.5 77.3



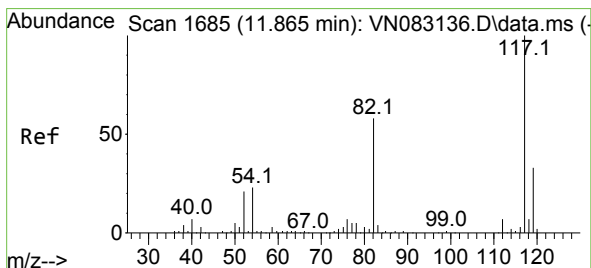
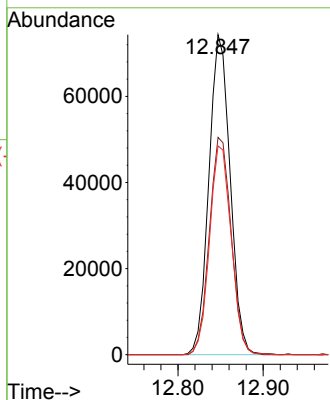
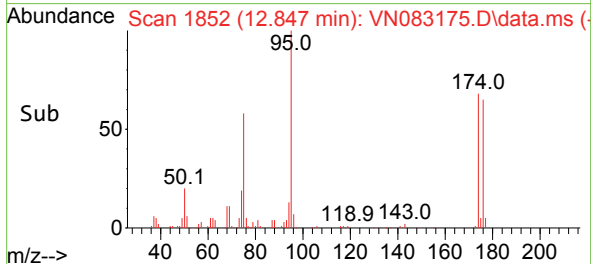


#62
4-Bromofluorobenzene
Concen: 59.882 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

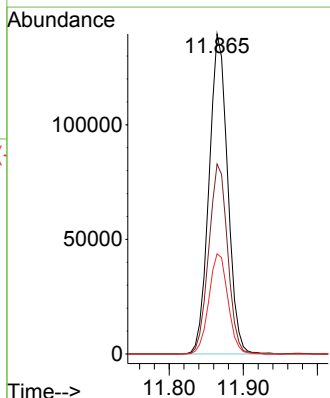
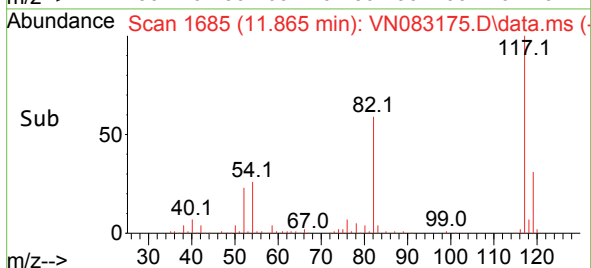
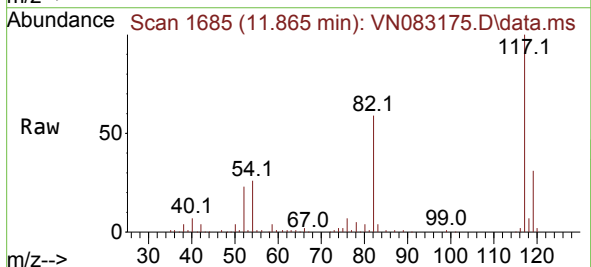


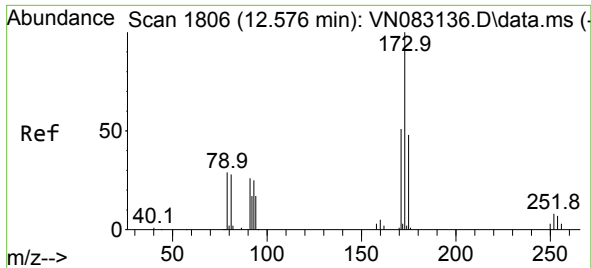
Tgt Ion: 95 Resp: 128783
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 66.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

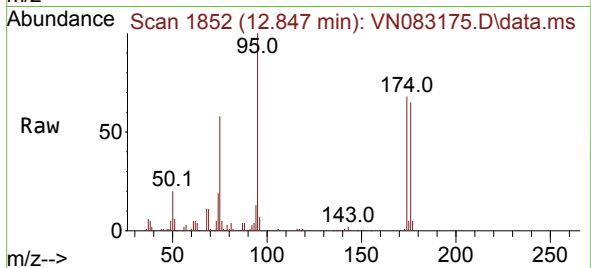
Tgt Ion: 117 Resp: 243388
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 31.3 25.6 38.4



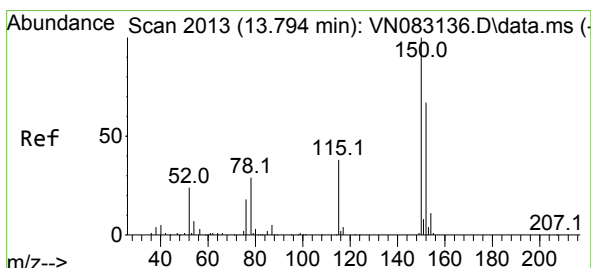
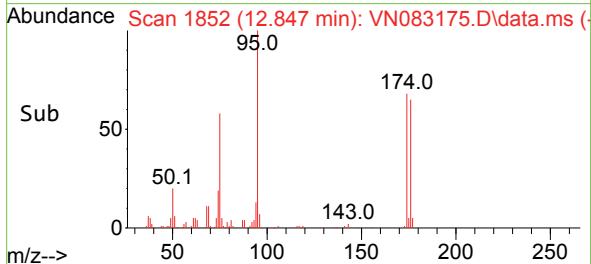
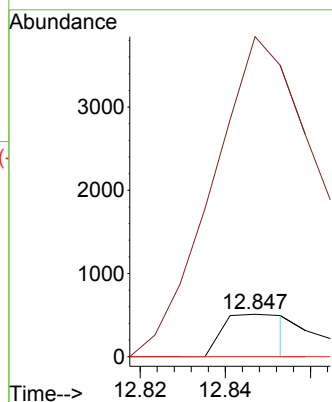


#71
Bromoform
Concen: 0.368 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

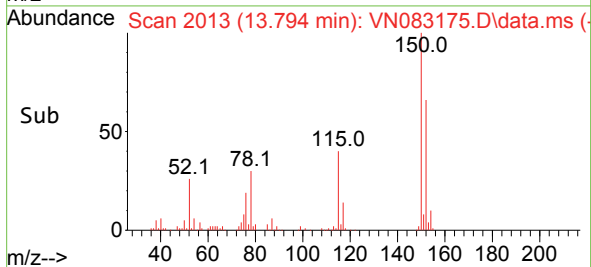
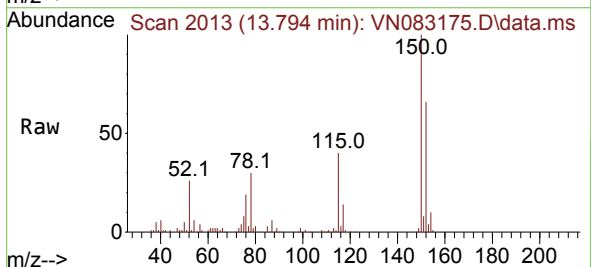
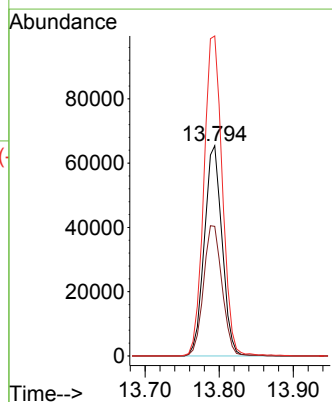


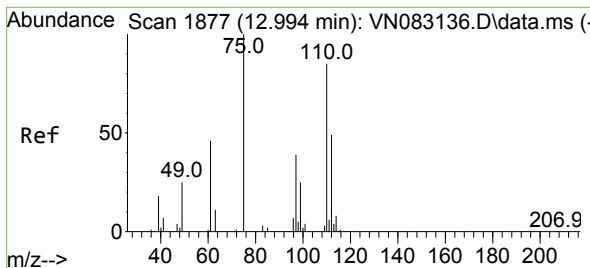
Tgt Ion:173 Resp: 529
Ion Ratio Lower Upper
173 100
175 874.3 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

Tgt Ion:152 Resp: 109009
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 158.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 29.793 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

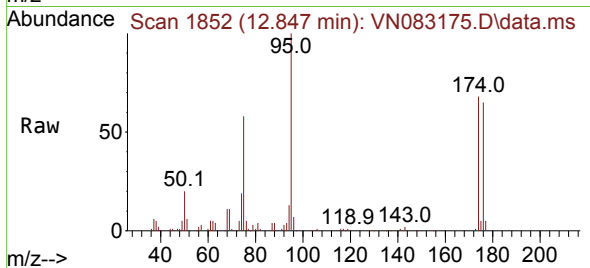
Lab File: VN083175.D

Acq: 09 Aug 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

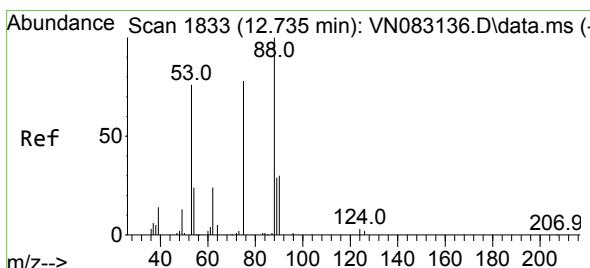
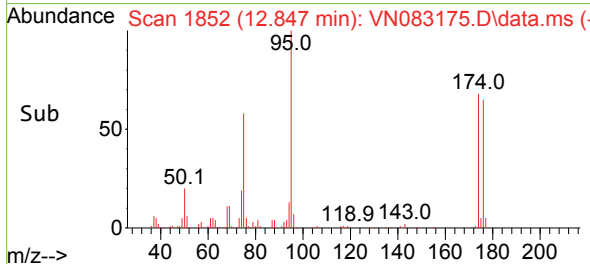
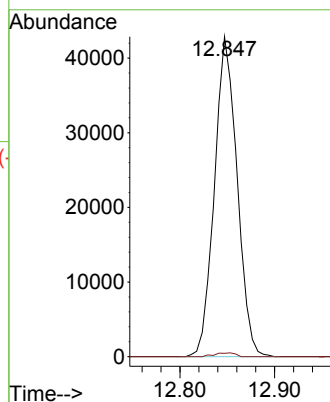


Tgt Ion: 75 Resp: 71278

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.806 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083175.D

Acq: 09 Aug 2024 12:21

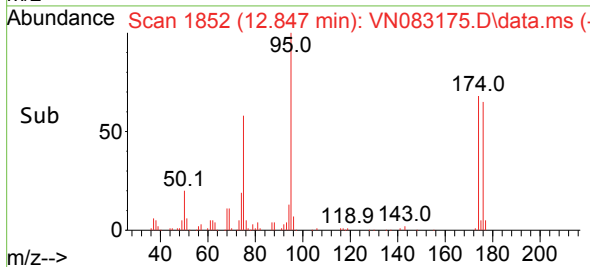
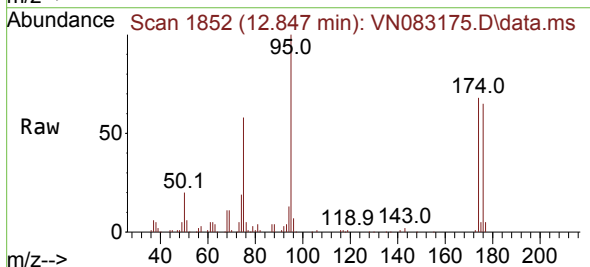
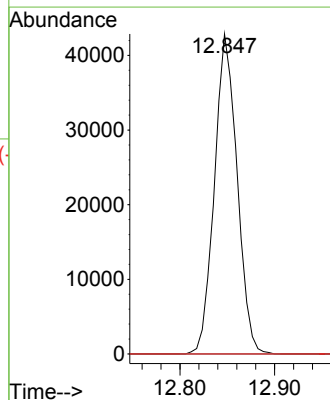
Tgt Ion: 75 Resp: 71278

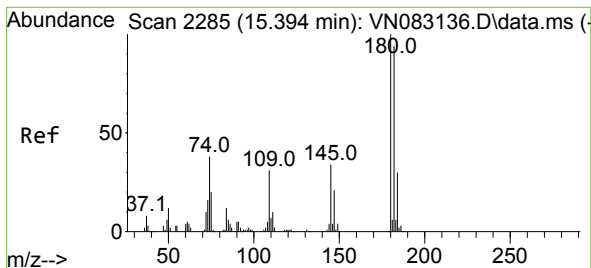
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.375 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083175.D

Acq: 09 Aug 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

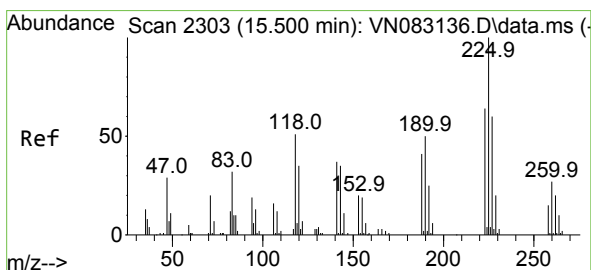
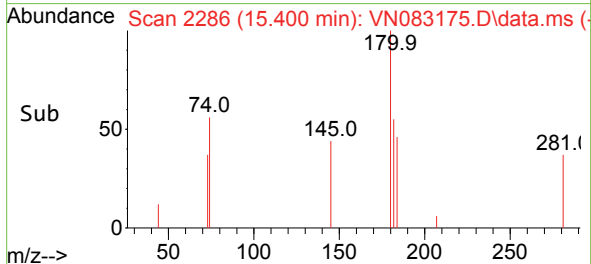
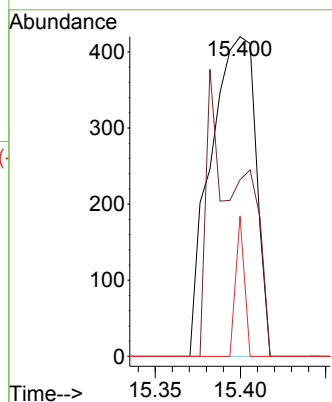
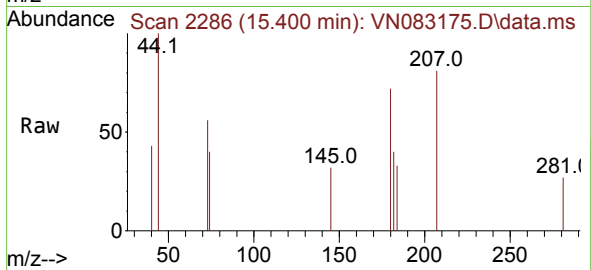
Tgt Ion:180 Resp: 775

Ion Ratio Lower Upper

180 100

182 35.7 47.3 141.8#

145 8.4 15.7 47.1#



#94

Hexachlorobutadiene

Concen: 0.447 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083175.D

Acq: 09 Aug 2024 12:21

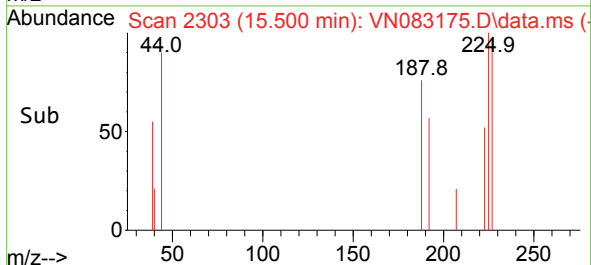
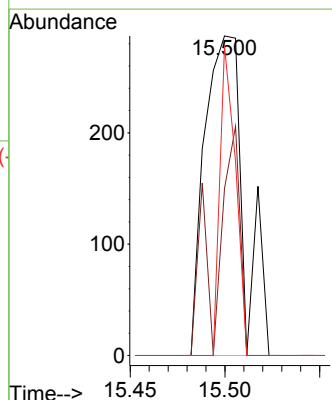
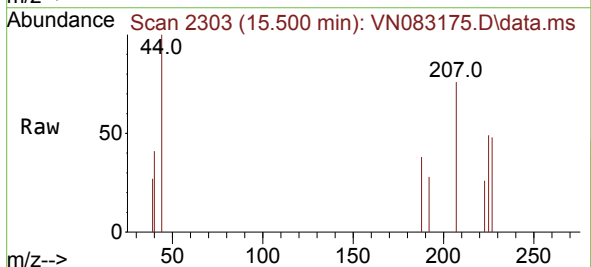
Tgt Ion:225 Resp: 411

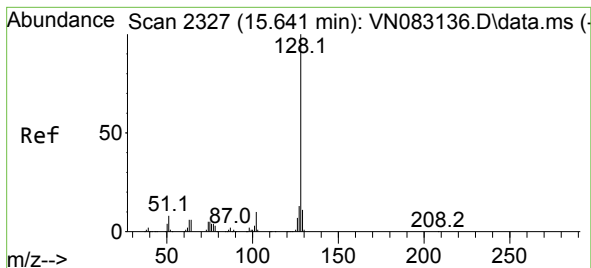
Ion Ratio Lower Upper

225 100

223 43.8 31.9 95.7

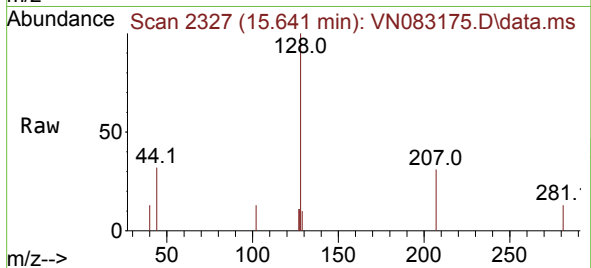
227 38.9 32.5 97.5



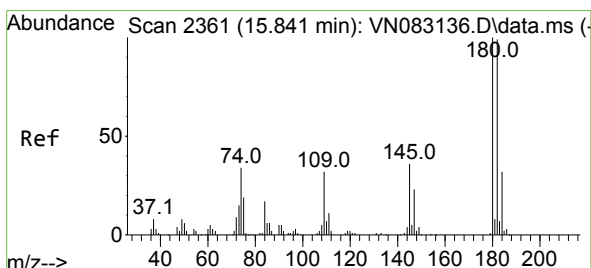
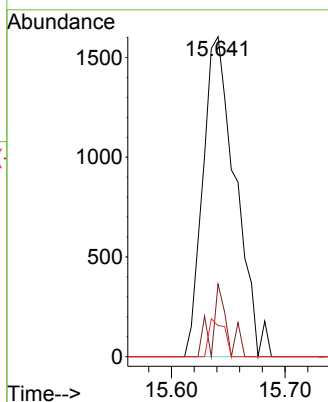
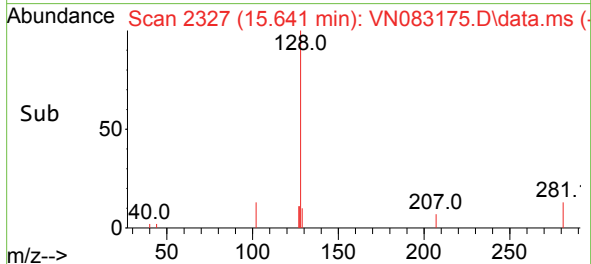


#95
Naphthalene
Concen: 0.436 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21

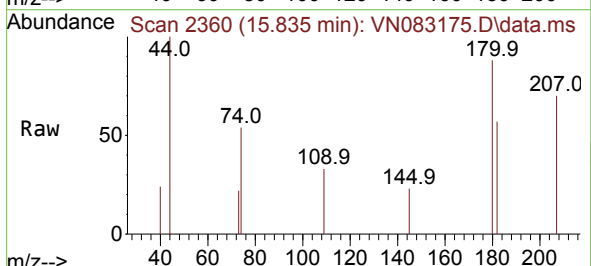
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 3189
Ion Ratio Lower Upper
128 100
127 10.6 10.6 16.0#
129 5.5 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.386 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083175.D
Acq: 09 Aug 2024 12:21



Tgt Ion:180 Resp: 790
Ion Ratio Lower Upper
180 100
182 98.0 48.9 146.8
145 16.8 16.8 50.4

