

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083171.D
 Acq On : 09 Aug 2024 10:25
 Operator : JC\MD
 Sample : VN0809MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 00:51:45 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	175137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149594	60.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.020%	
35) Dibromofluoromethane	8.171	113	106049	57.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.220%	
50) Toluene-d8	10.565	98	397423	57.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.760%#	
62) 4-Bromofluorobenzene	12.847	95	146175	54.602	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 109.200%	

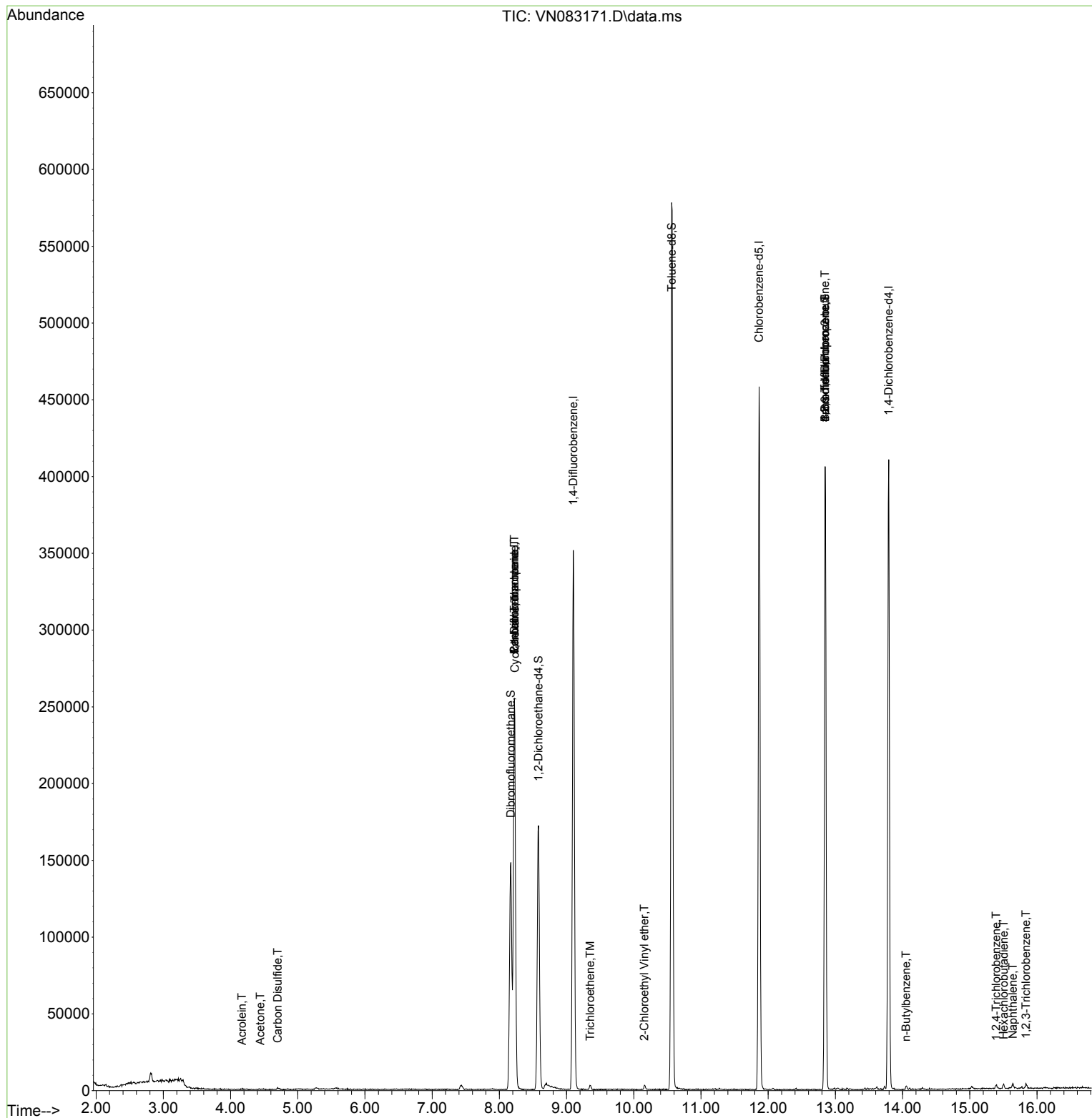
Target Compounds				Qvalue		
13) Acrolein	4.171	56	125	0.370	ug/l #	1
16) Acetone	4.442	43	528	0.541	ug/l #	48
17) Carbon Disulfide	4.700	76	2144	0.377	ug/l #	75
31) Cyclohexane	8.230	56	4173	1.130	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15526	5.575	ug/l #	52
38) Carbon Tetrachloride	8.224	117	19608	6.252	ug/l #	16
43) Isopropyl Acetate	8.700	43	3300	Below Cal	#	60
44) Trichloroethene	9.353	130	1149	0.582	ug/l	86
58) 2-Chloroethyl Vinyl ether	10.159	63	1478	0.987	ug/l #	76
71) Bromoform	12.847	173	701	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	78582	33.482	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78582	72.833	ug/l #	6
89) n-Butylbenzene	14.053	91	1748	0.270	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	1034	0.510	ug/l	88
94) Hexachlorobutadiene	15.506	225	799	0.886	ug/l	89
95) Naphthalene	15.641	128	3854	0.537	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.835	180	1463	0.729	ug/l	79

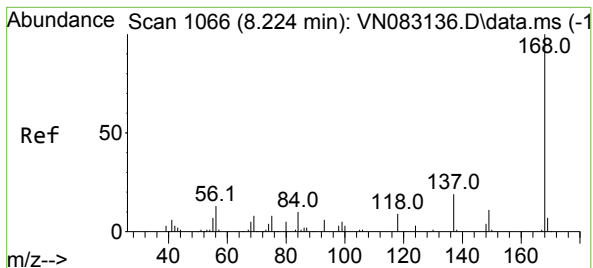
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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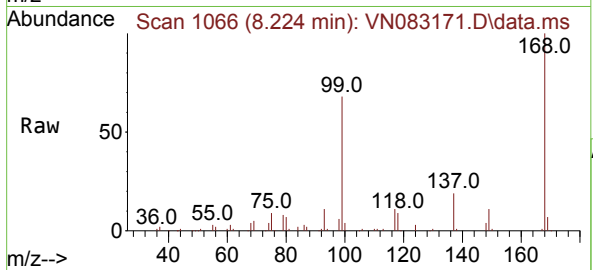
Quant Time: Aug 10 00:51:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



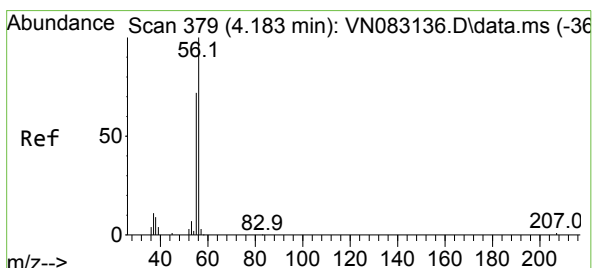
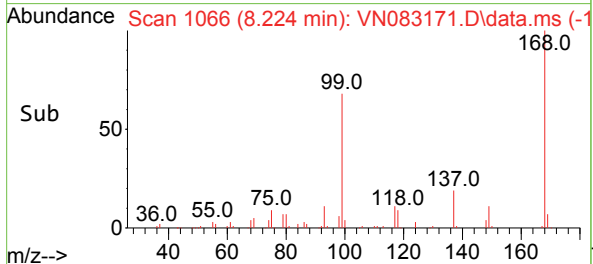
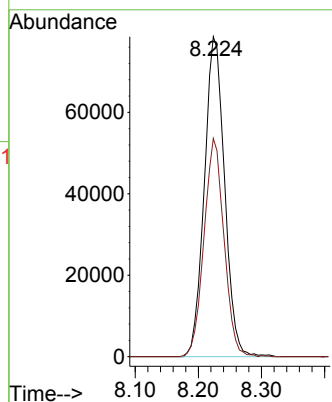


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

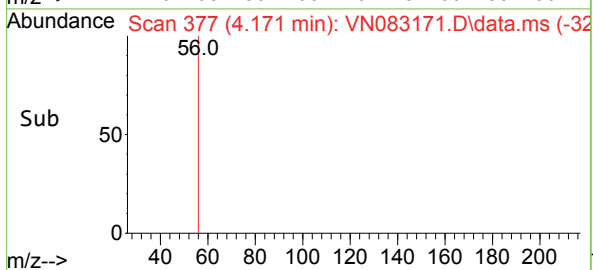
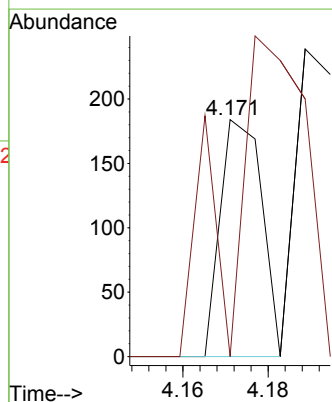
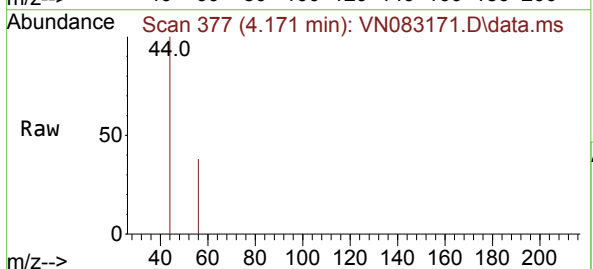


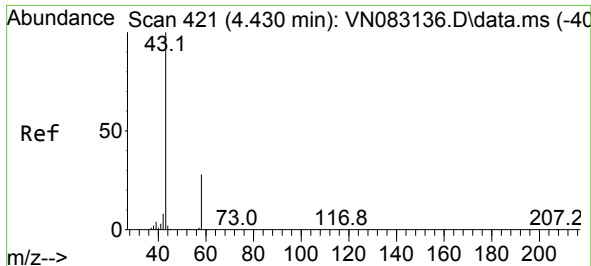
Tgt Ion:168 Resp: 175137
Ion Ratio Lower Upper
168 100
99 68.2 48.2 72.4



#13
Acrolein
Concen: 0.370 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

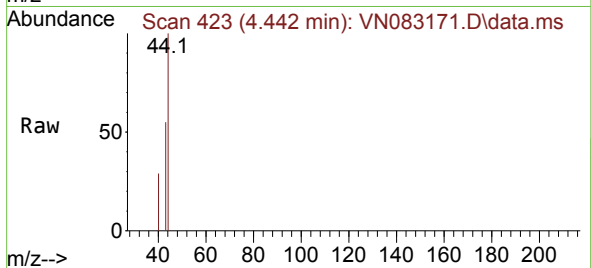
Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 244.8 56.4 84.6#



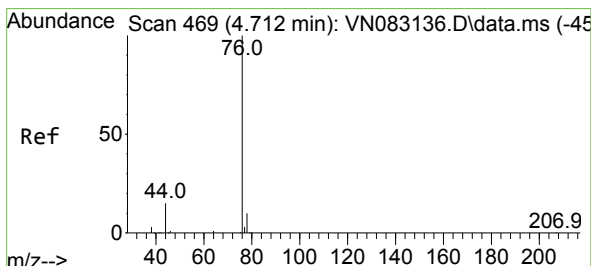
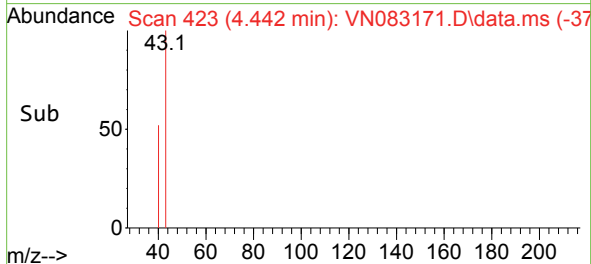
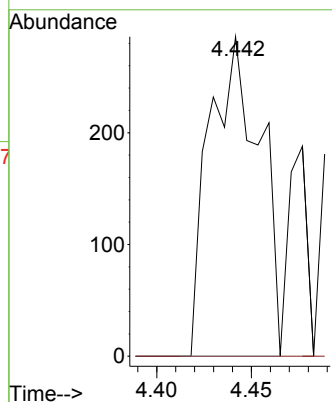


#16
Acetone
Concen: 0.541 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

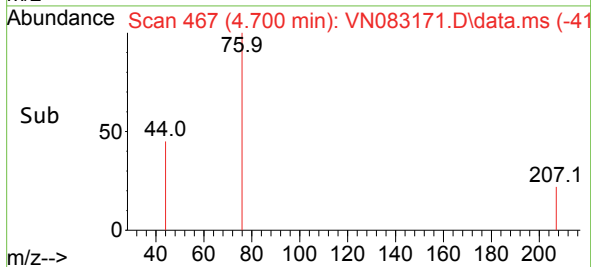
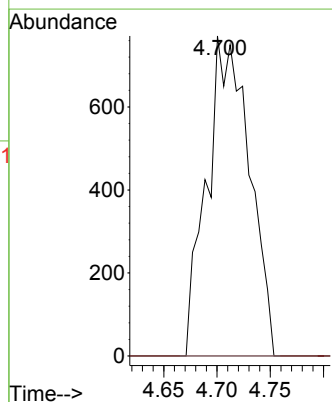
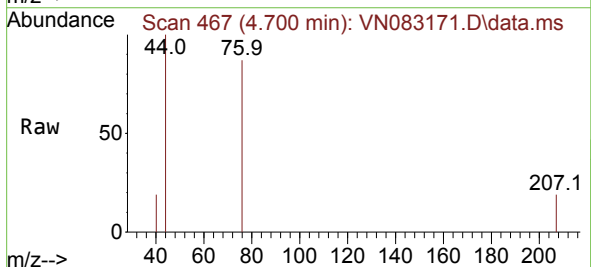


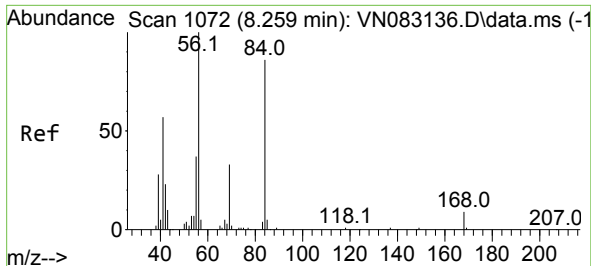
Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.377 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

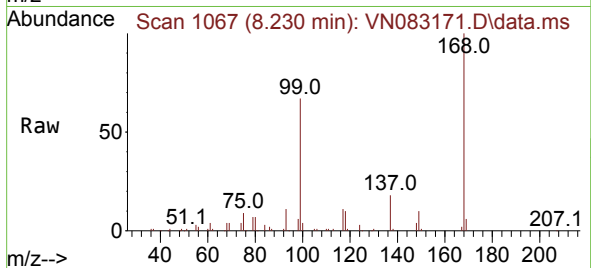
Tgt Ion: 76 Resp: 2144
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



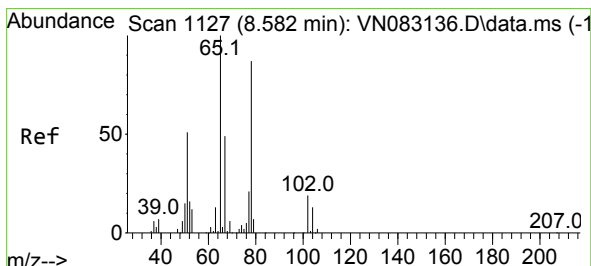
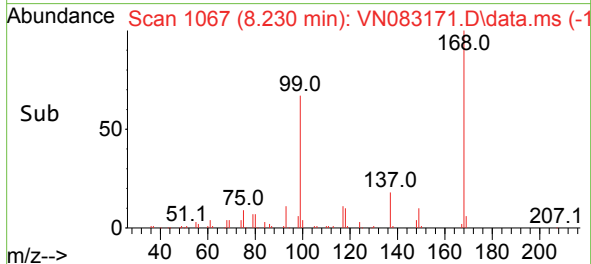
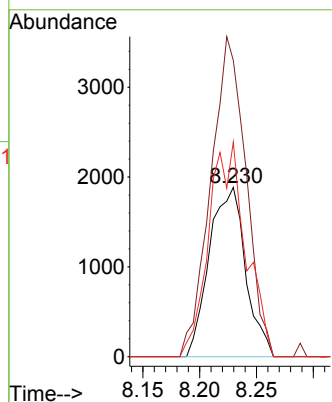


#31
Cyclohexane
Concen: 1.130 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

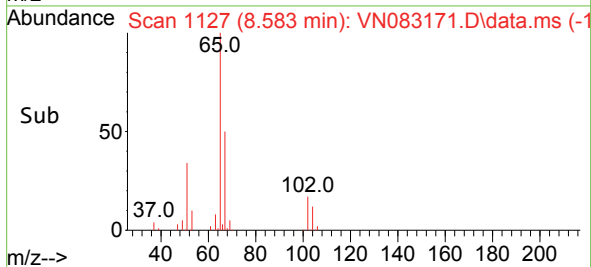
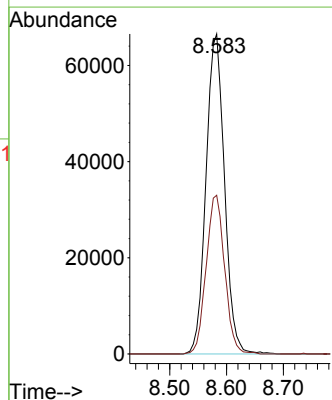
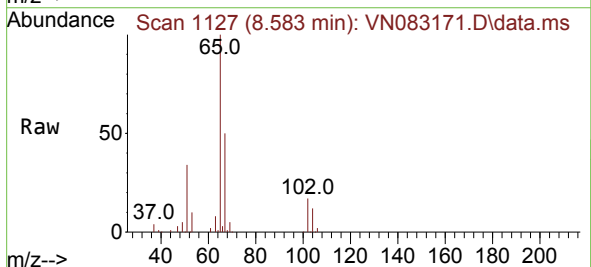


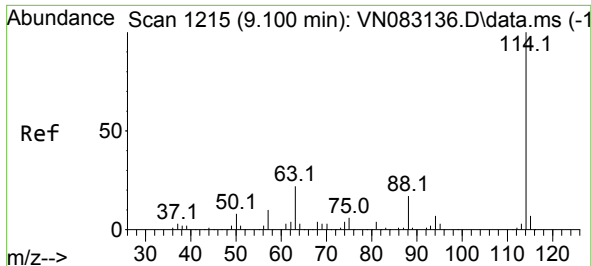
Tgt Ion: 56 Resp: 4173
Ion Ratio Lower Upper
56 100
69 175.0 24.5 36.7#
84 126.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 60.009 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

Tgt Ion: 65 Resp: 149594
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# 11

Delta R.T. 0.000 min

Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

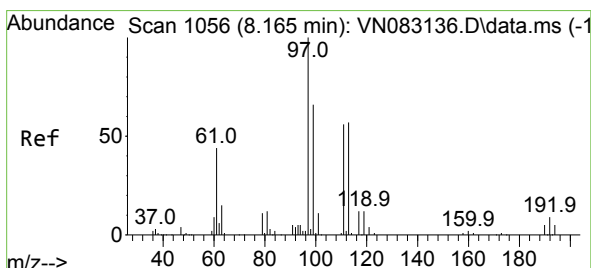
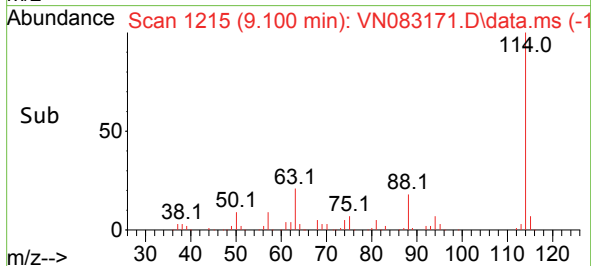
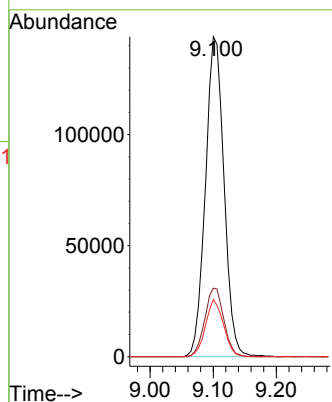
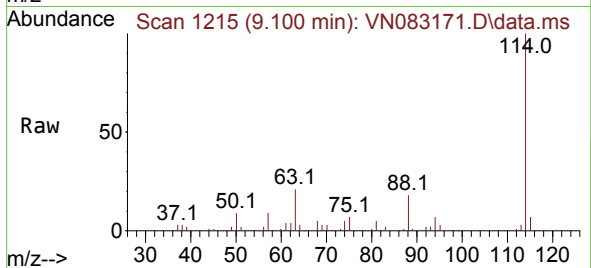
Tgt Ion:114 Resp: 294928

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 17.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 57.608 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

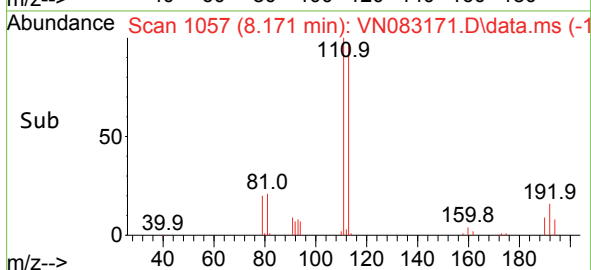
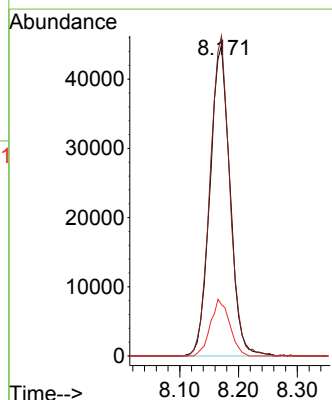
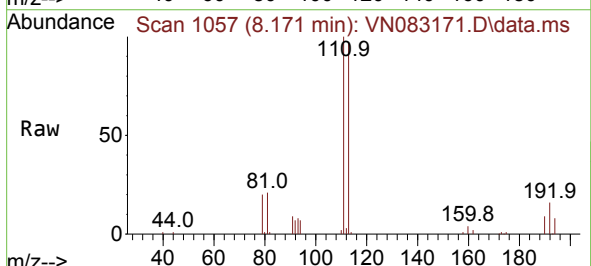
Tgt Ion:113 Resp: 106049

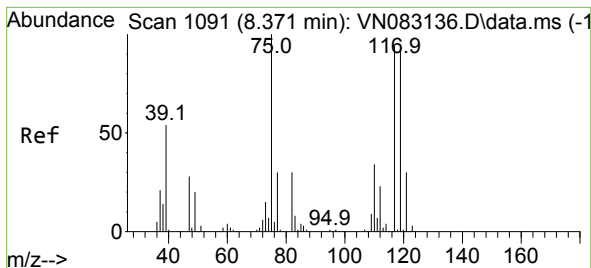
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 17.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.575 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

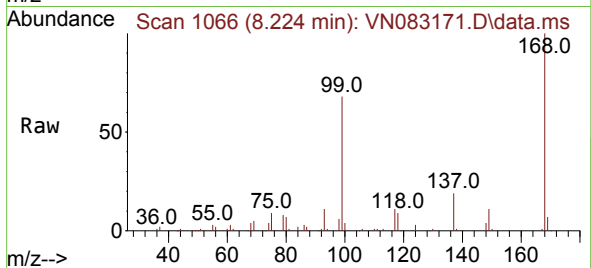
Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :



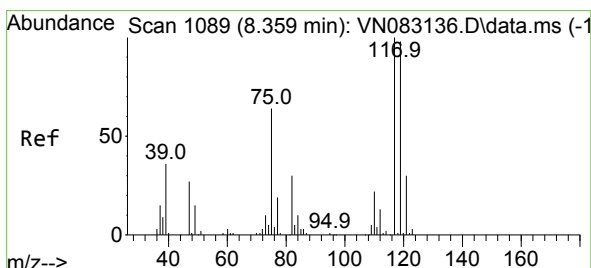
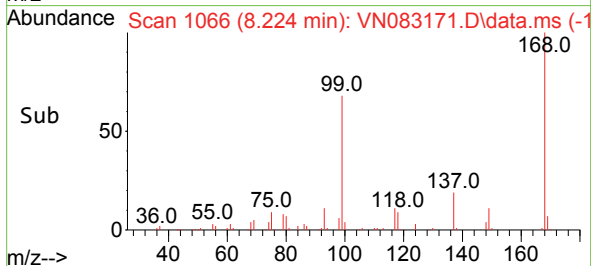
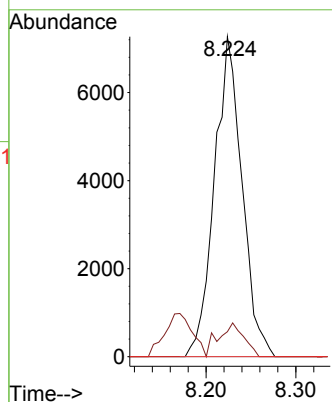
Tgt Ion: 75 Resp: 15526

Ion Ratio Lower Upper

75 100

110 9.6 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.252 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

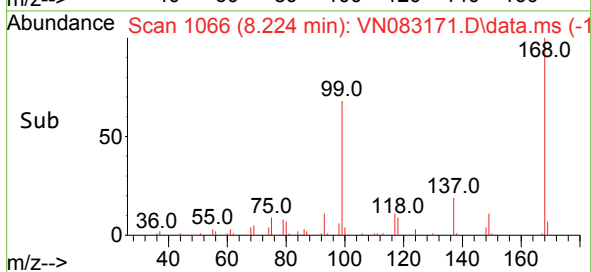
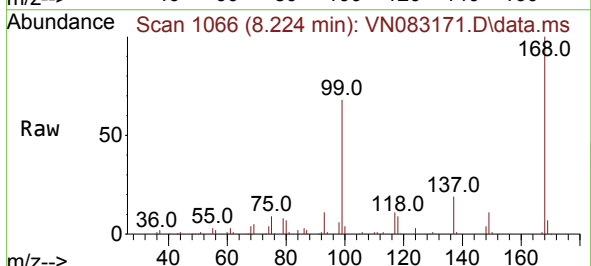
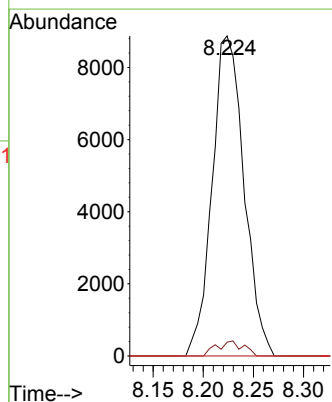
Tgt Ion: 117 Resp: 19608

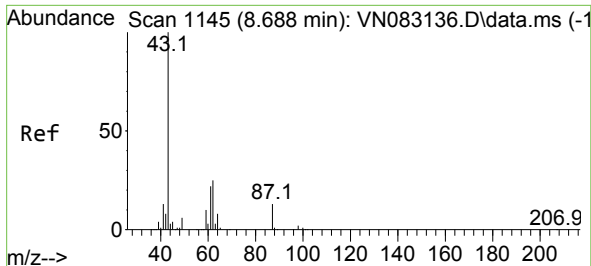
Ion Ratio Lower Upper

117 100

119 4.3 74.9 112.3#

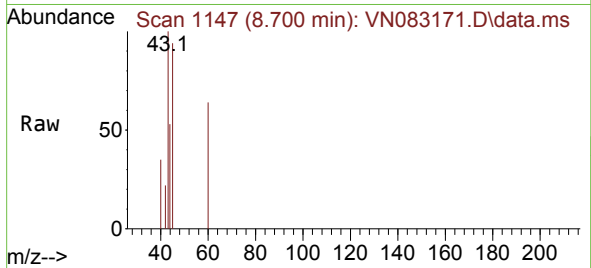
121 0.0 24.3 36.5#



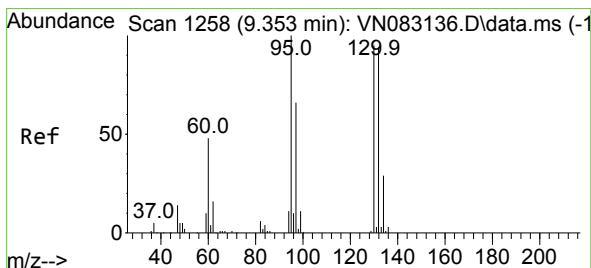
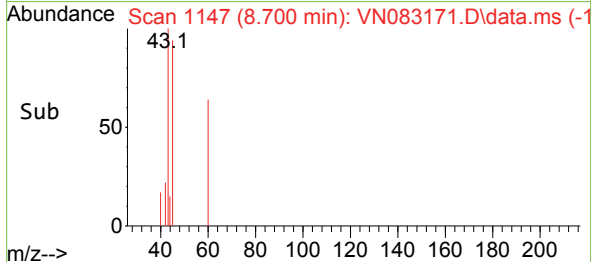
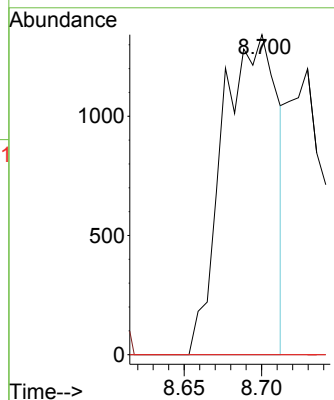


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

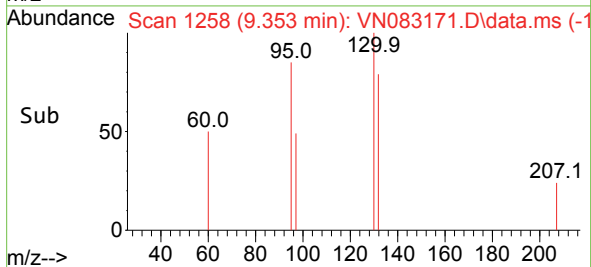
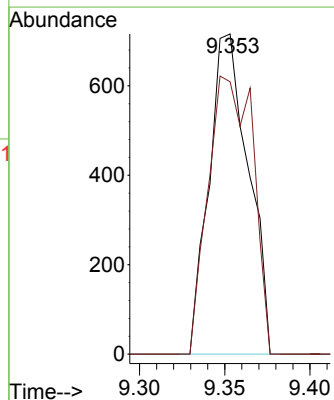
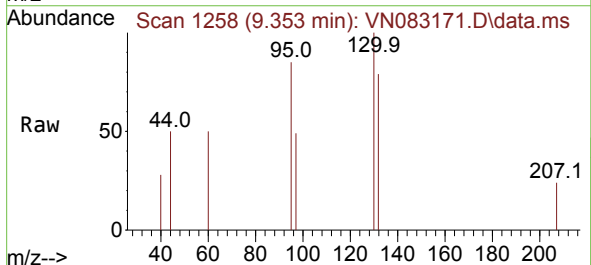


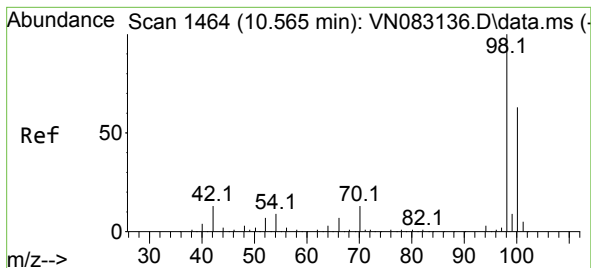
Tgt Ion: 43 Resp: 3300
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 0.582 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

Tgt Ion:130 Resp: 1149
Ion Ratio Lower Upper
130 100
95 85.1 0.0 197.8





#50

Toluene-d8

Concen: 57.875 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

Instrument :

MSVOA_N

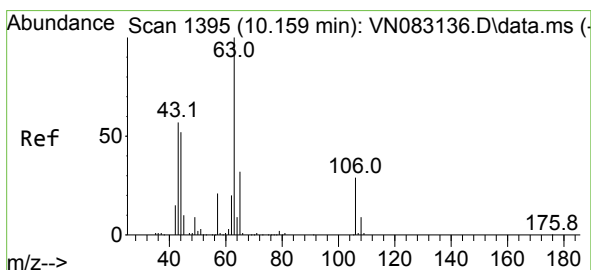
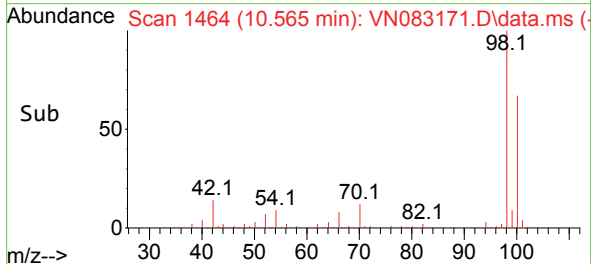
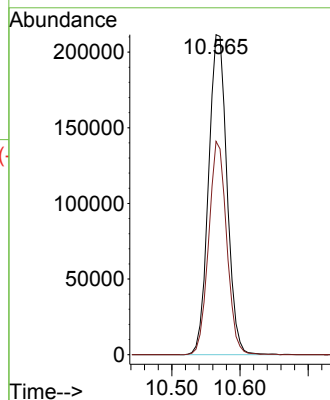
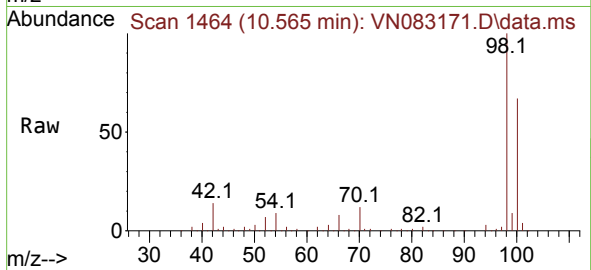
ClientSampleId :

Tgt Ion: 98 Resp: 397423

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3



#58

2-Chloroethyl Vinyl ether

Concen: 0.987 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083171.D

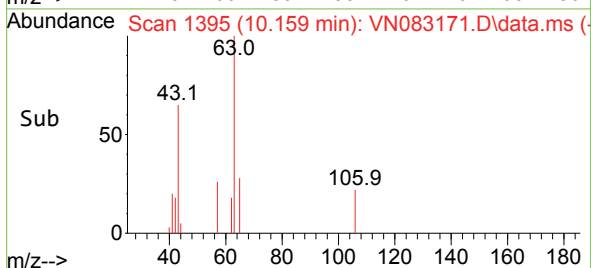
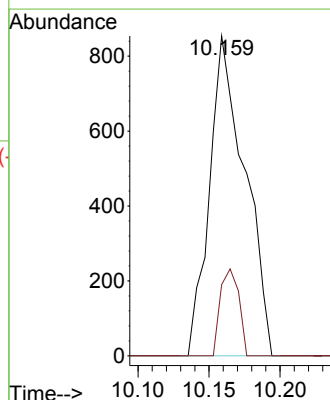
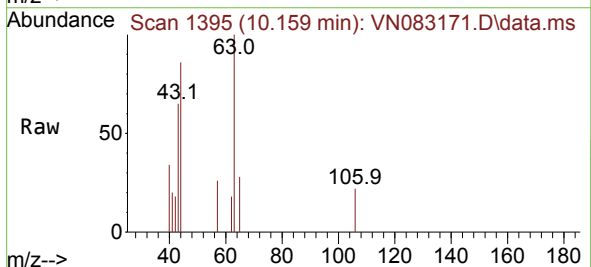
Acq: 09 Aug 2024 10:25

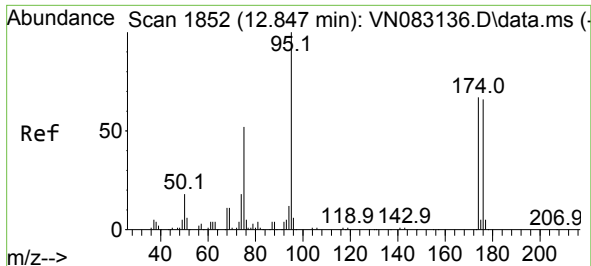
Tgt Ion: 63 Resp: 1478

Ion Ratio Lower Upper

63 100

106 14.2 21.4 32.0#

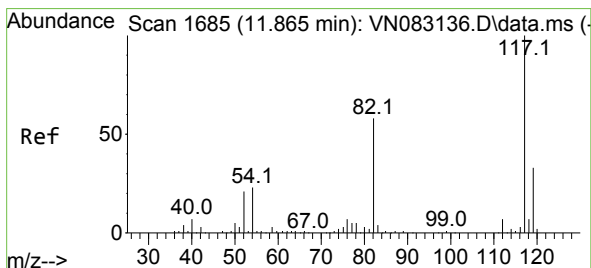
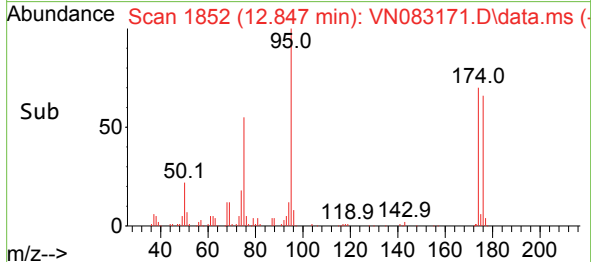
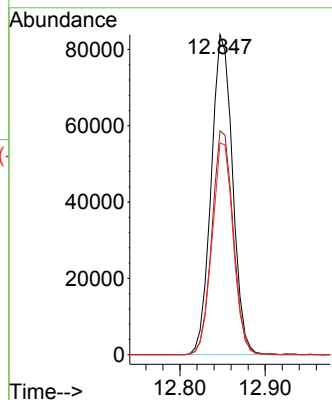
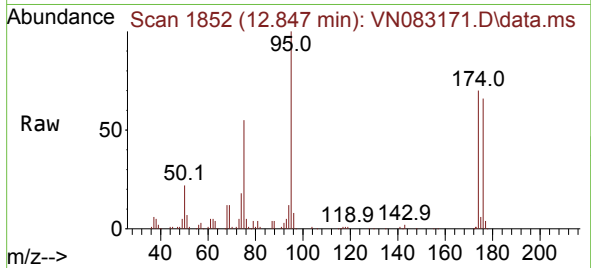




#62
4-Bromofluorobenzene
Concen: 54.602 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

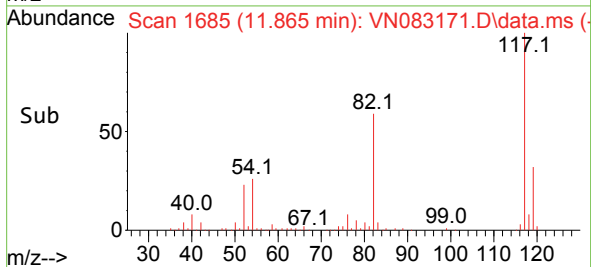
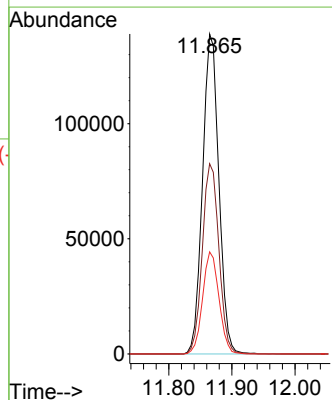
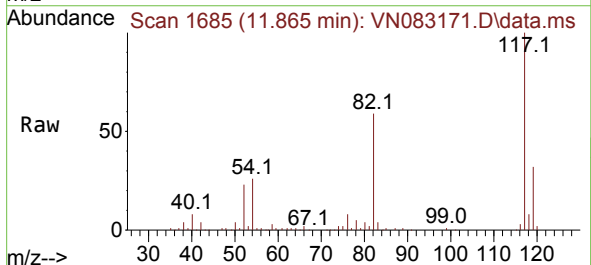
Instrument :
MSVOA_N
ClientSampleId :

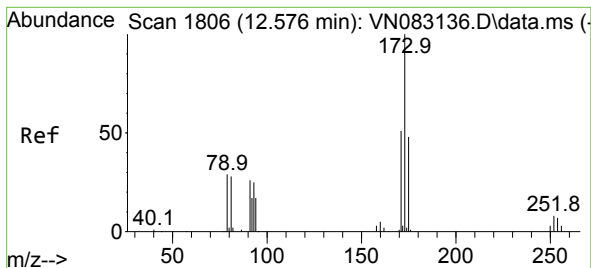
Tgt Ion: 95 Resp: 146175
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 65.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

Tgt Ion: 117 Resp: 248703
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 31.9 25.6 38.4





#71

Bromoform

Concen: 0.477 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

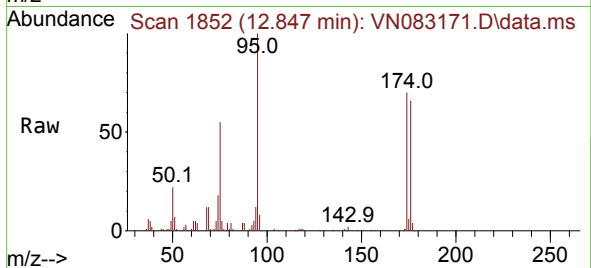
Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

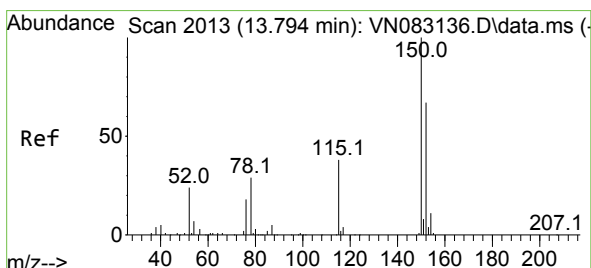
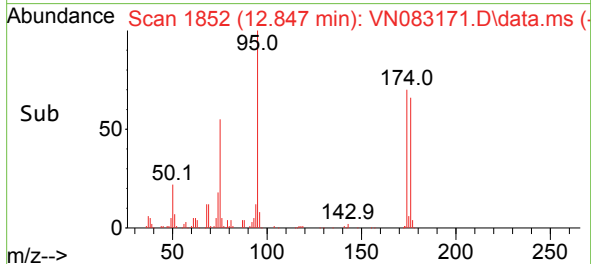
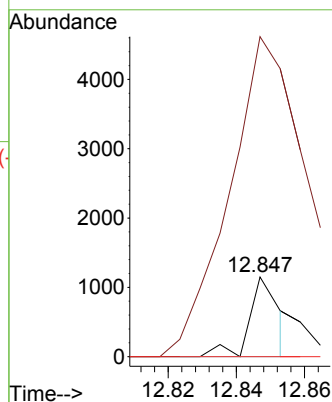
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:173	Resp:	701
Ion	Ratio	Lower Upper
173	100	
175	745.9	24.0 72.0#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

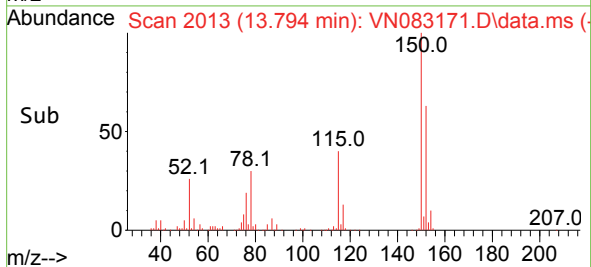
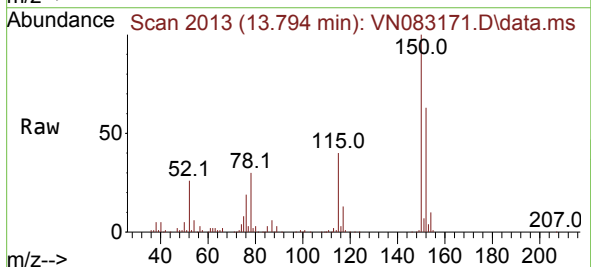
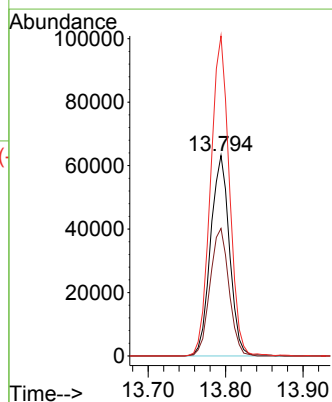
RT: 13.794 min Scan# 2013

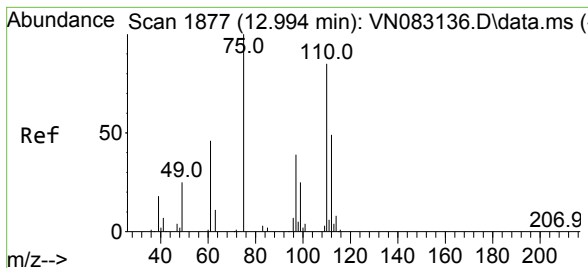
Delta R.T. 0.000 min

Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

Tgt Ion:152	Resp:	106935
Ion	Ratio	Lower Upper
152	100	
115	63.7	30.6 91.6
150	158.3	0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 33.482 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

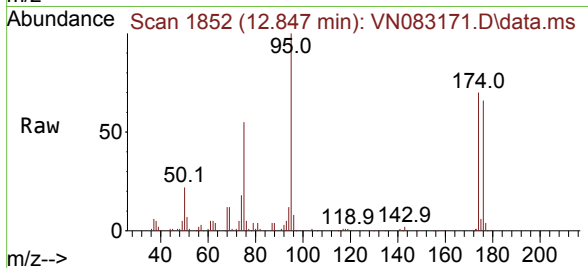
Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

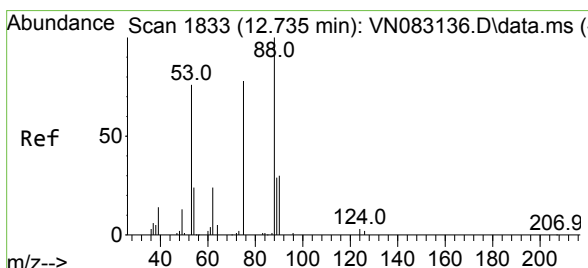
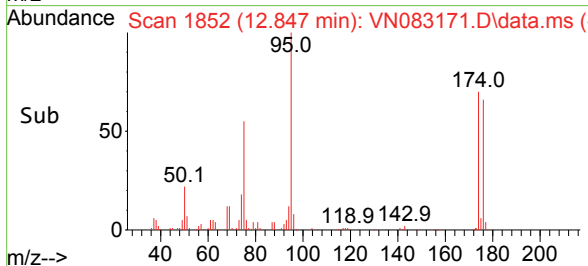
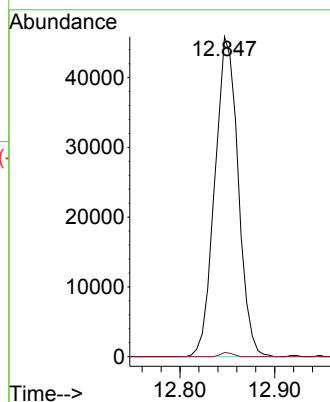


Tgt Ion: 75 Resp: 78582

Ion Ratio Lower Upper

75 100

77 0.7 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.833 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

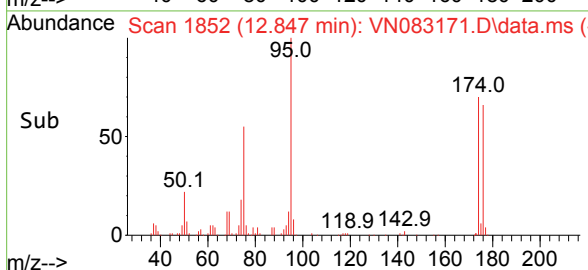
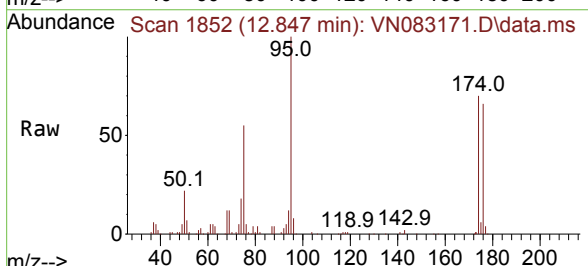
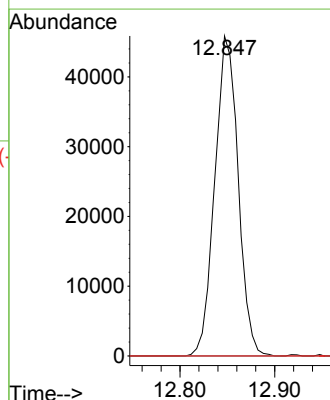
Tgt Ion: 75 Resp: 78582

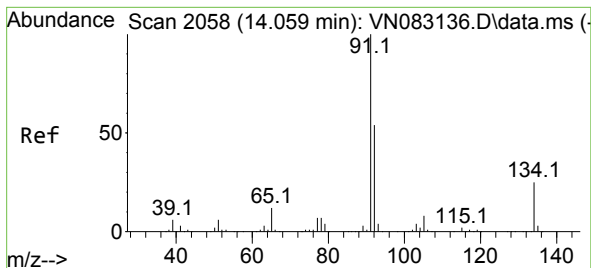
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#





#89

n-Butylbenzene

Concen: 0.270 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN083171.D

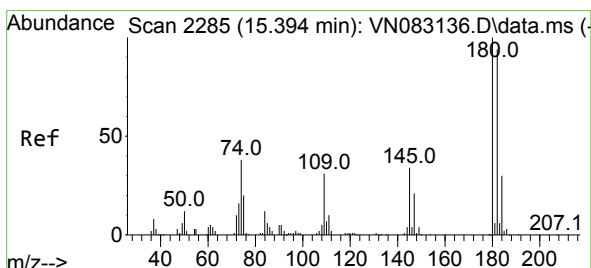
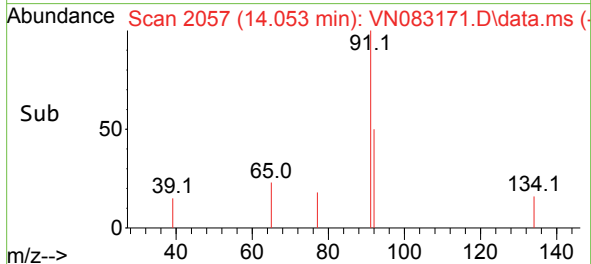
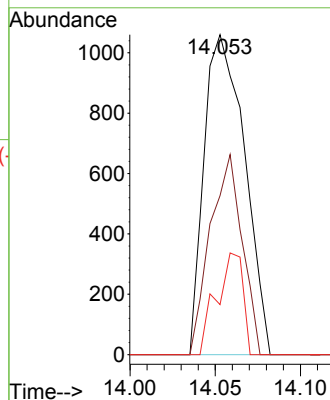
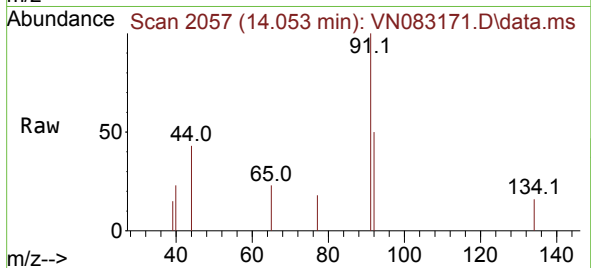
Acq: 09 Aug 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	1748
Ion	Ratio	Lower	Upper
91	100		
92	49.4	26.1	78.3
134	20.7	12.1	36.3



#93

1,2,4-Trichlorobenzene

Concen: 0.510 ug/l

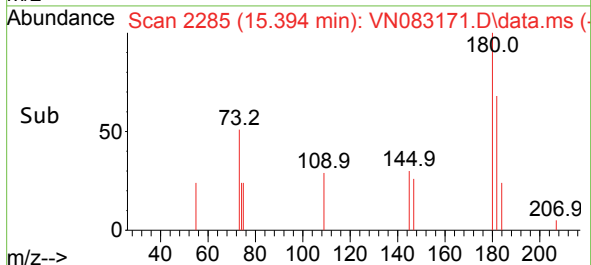
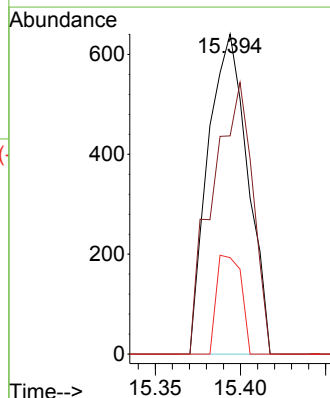
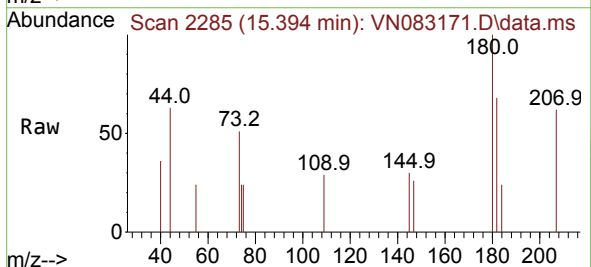
RT: 15.394 min Scan# 2285

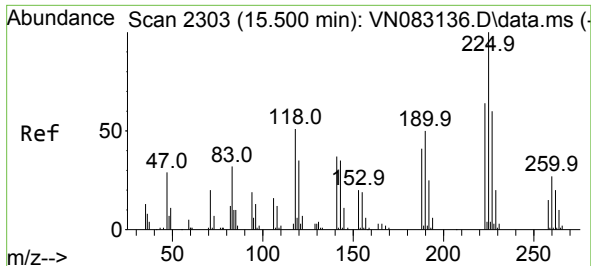
Delta R.T. 0.000 min

Lab File: VN083171.D

Acq: 09 Aug 2024 10:25

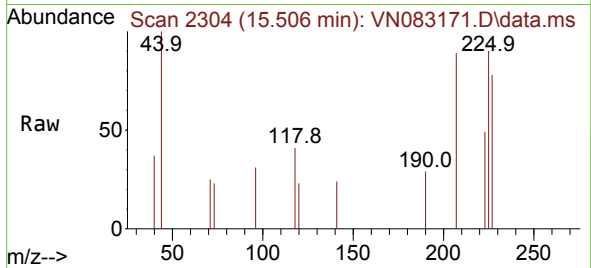
Tgt Ion:	180	Resp:	1034
Ion	Ratio	Lower	Upper
180	100		
182	86.3	47.3	141.8
145	19.1	15.7	47.1



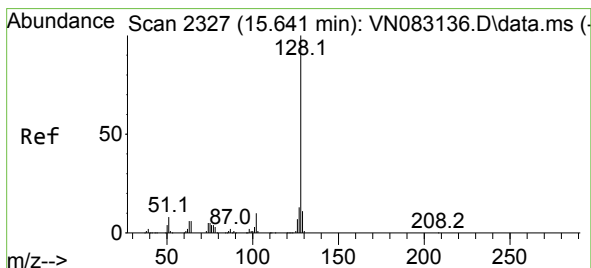
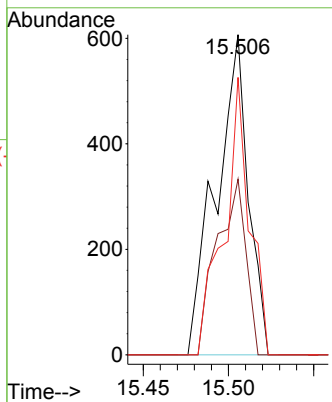
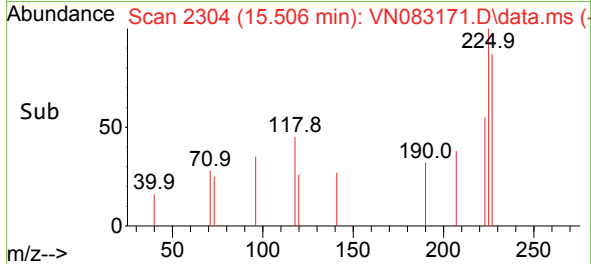


#94
Hexachlorobutadiene
Concen: 0.886 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

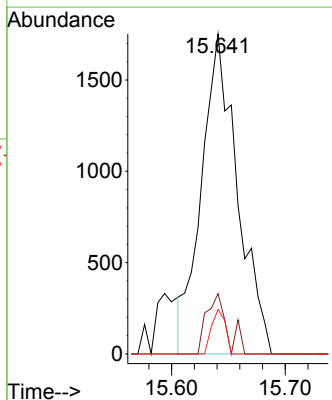
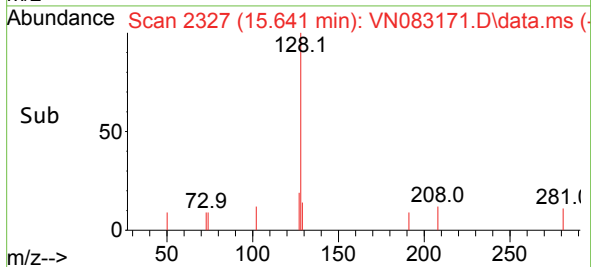
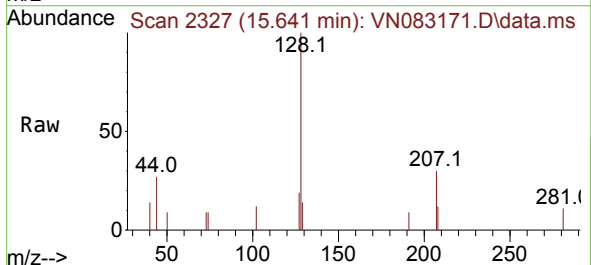


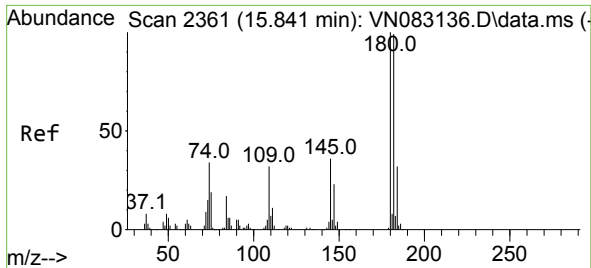
Tgt Ion:225 Resp: 799
Ion Ratio Lower Upper
225 100
223 49.4 31.9 95.7
227 68.5 32.5 97.5



#95
Naphthalene
Concen: 0.537 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083171.D
Acq: 09 Aug 2024 10:25

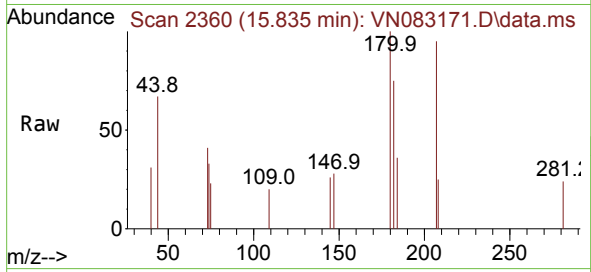
Tgt Ion:128 Resp: 3854
Ion Ratio Lower Upper
128 100
127 10.8 10.6 16.0
129 5.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.729 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083171.D
 Acq: 09 Aug 2024 10:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1463
Ion	Ratio	Lower	Upper
180	100		
182	80.0	48.9	146.8
145	17.8	16.8	50.4

