

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083369.D
 Acq On : 19 Aug 2024 13:37
 Operator : JC\MD
 Sample : VN0819WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:43:59 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)

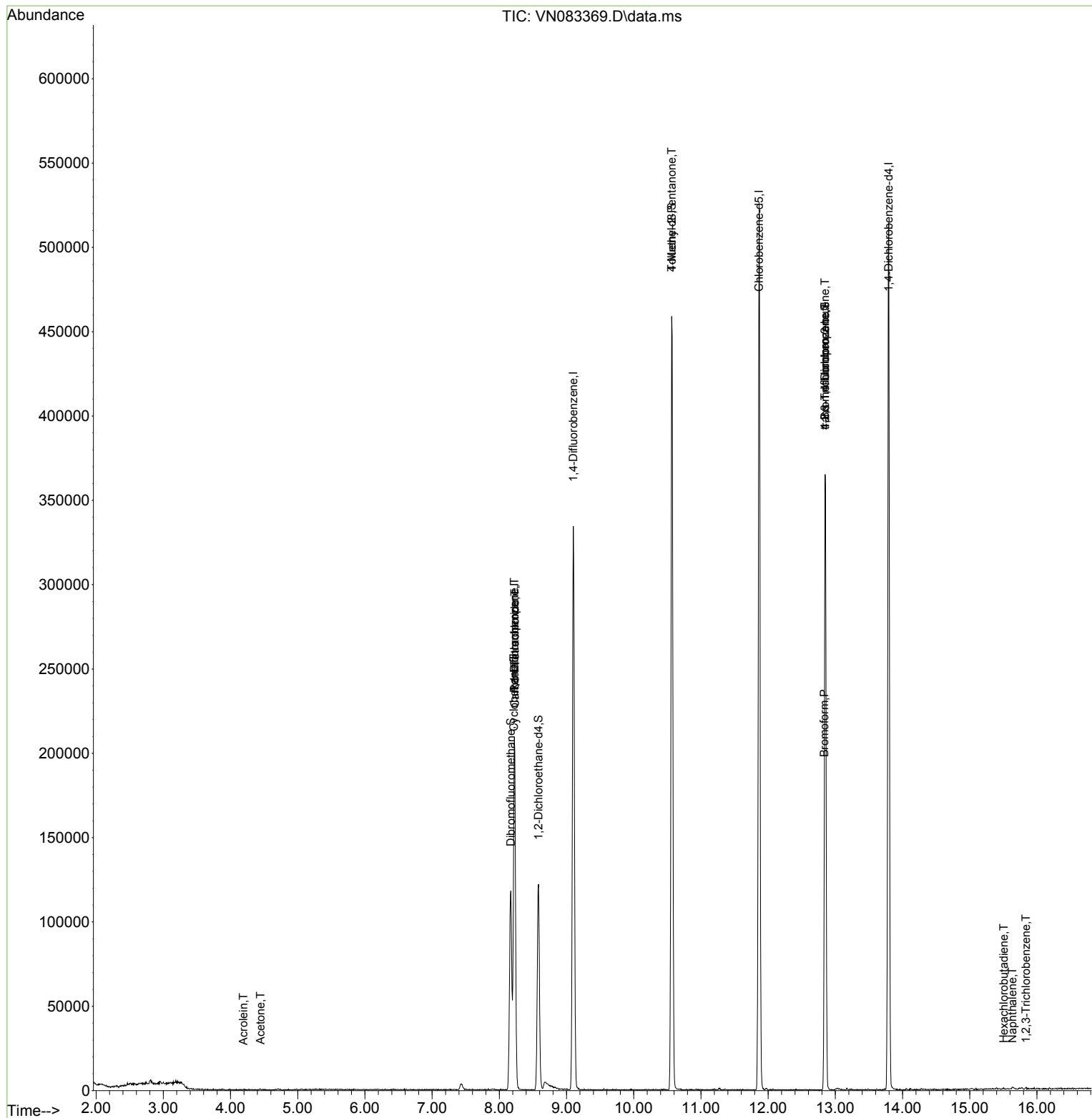
Internal Standards						
1) Pentafluorobenzene	8.224	168	144938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	105966	51.364	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.720%	
35) Dibromofluoromethane	8.171	113	85532	48.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.780%	
50) Toluene-d8	10.565	98	319405	48.443	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	12.847	95	132664	51.610	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.220%	
Target Compounds						
					Qvalue	
13) Acrolein	4.189	56	138	0.494	ug/l #	62
16) Acetone	4.448	43	410	0.508	ug/l #	48
31) Cyclohexane	8.218	56	3418	1.118	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	13165	4.924	ug/l #	50
38) Carbon Tetrachloride	8.230	117	16216	5.385	ug/l #	19
43) Isopropyl Acetate	8.695	43	2307	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1495	0.528	ug/l #	1
71) Bromoform	12.835	173	351	0.205	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	72134	24.521	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72134	53.340	ug/l #	6
94) Hexachlorobutadiene	15.506	225	346	0.306	ug/l #	39
95) Naphthalene	15.635	128	1838	0.204	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.835	180	575	0.229	ug/l #	69

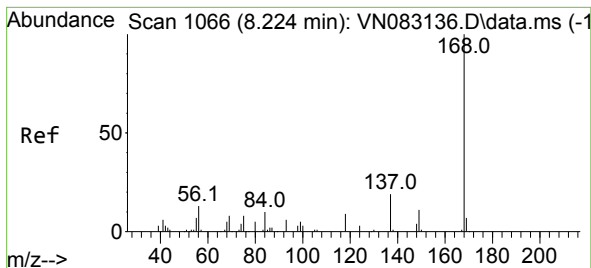
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083369.D

Acq: 19 Aug 2024 13:37

Instrument :

MSVOA_N

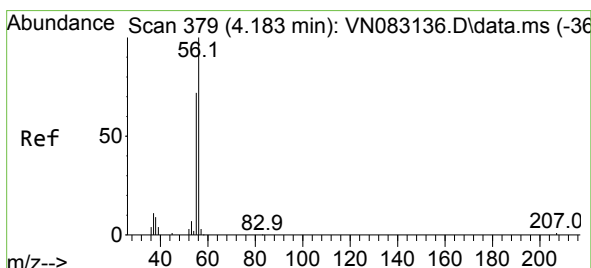
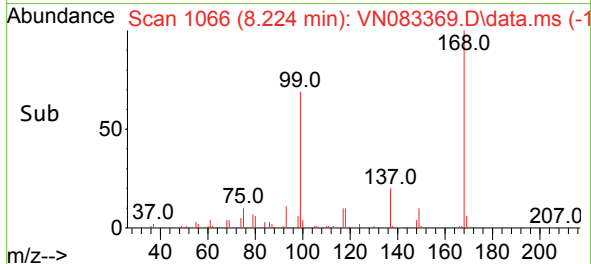
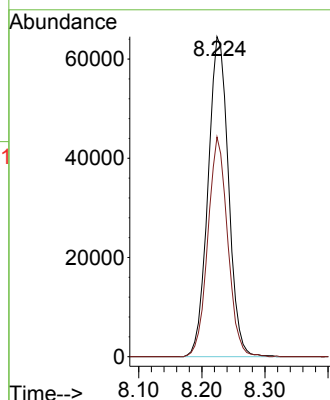
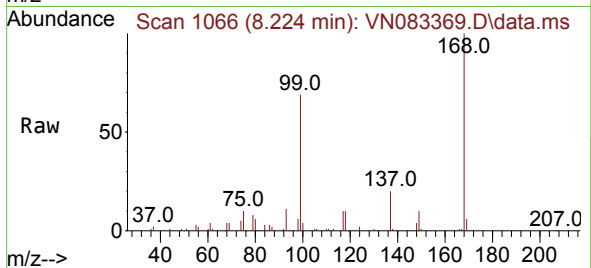
ClientSampleId :

Tgt Ion:168 Resp: 144938

Ion Ratio Lower Upper

168 100

99 68.6 48.2 72.4



#13

Acrolein

Concen: 0.494 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.006 min

Lab File: VN083369.D

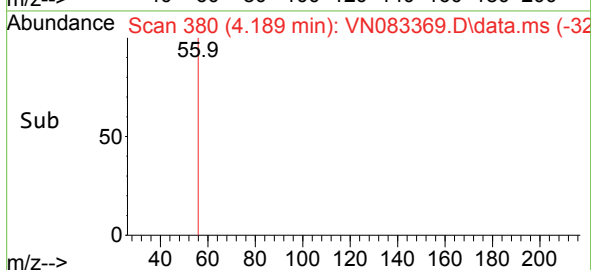
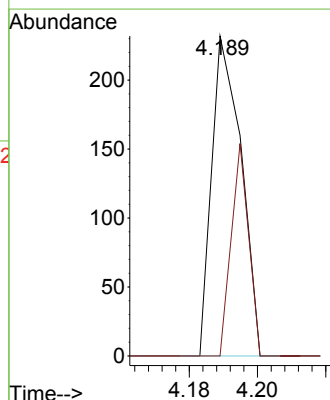
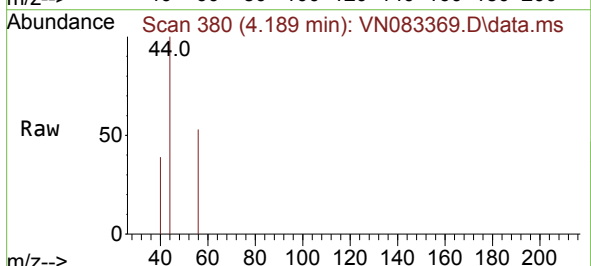
Acq: 19 Aug 2024 13:37

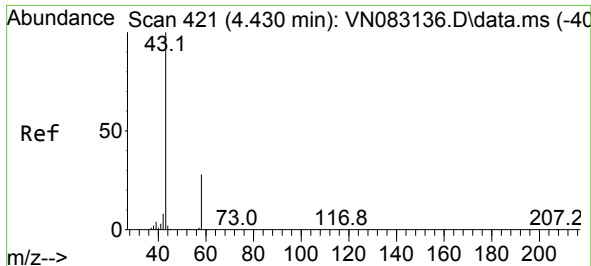
Tgt Ion: 56 Resp: 138

Ion Ratio Lower Upper

56 100

55 39.1 56.4 84.6#

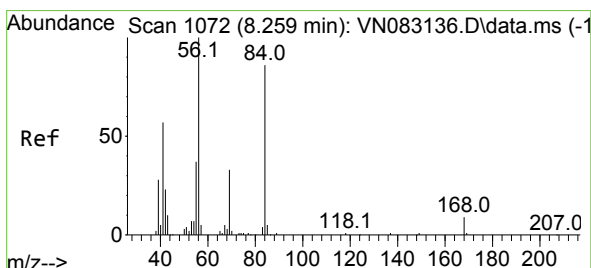
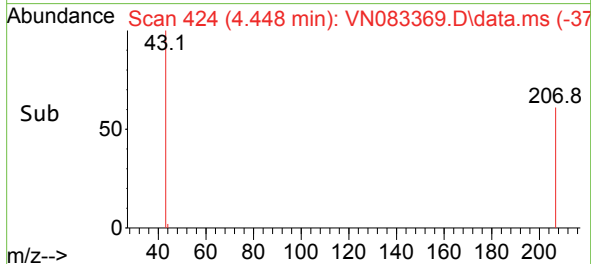
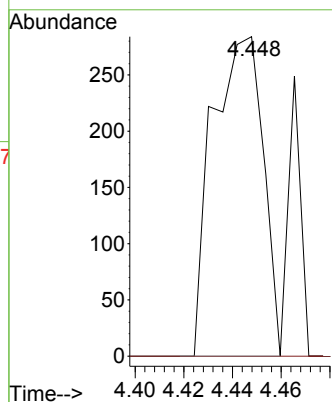
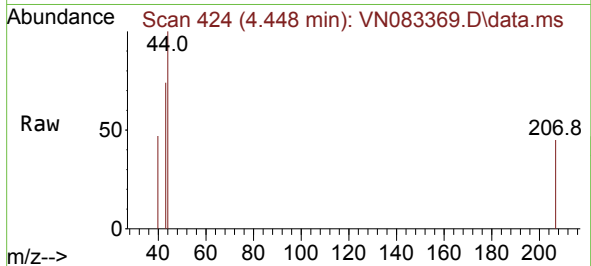




#16
Acetone
Concen: 0.508 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

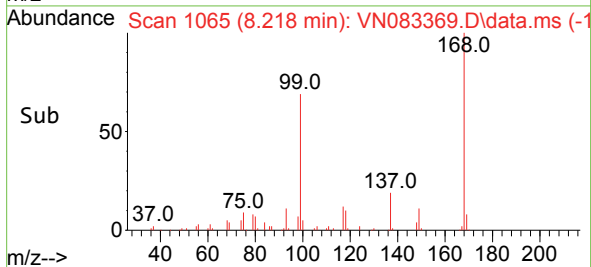
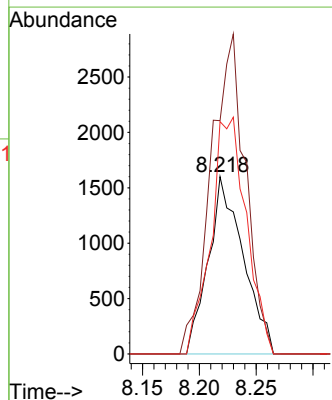
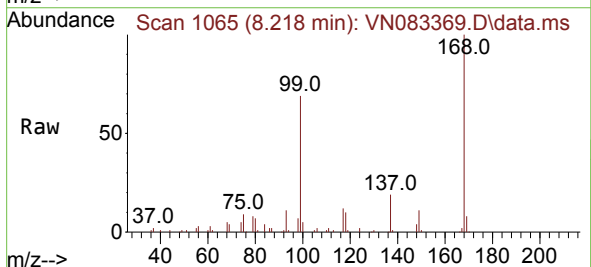
Instrument :
MSVOA_N
ClientSampleId :

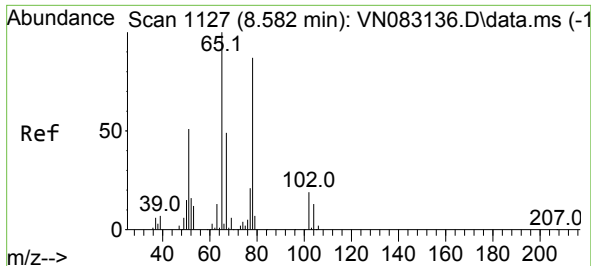
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 56 Resp: 3418
Ion Ratio Lower Upper
56 100
69 131.6 24.5 36.7#
84 131.1 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 51.364 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083369.D

Acq: 19 Aug 2024 13:37

Instrument :

MSVOA_N

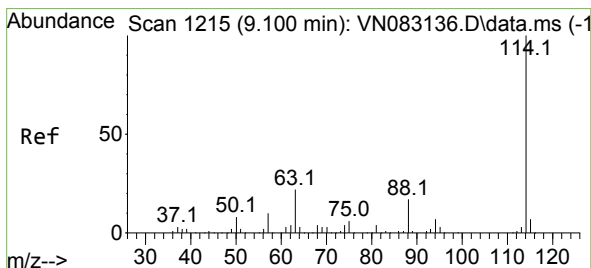
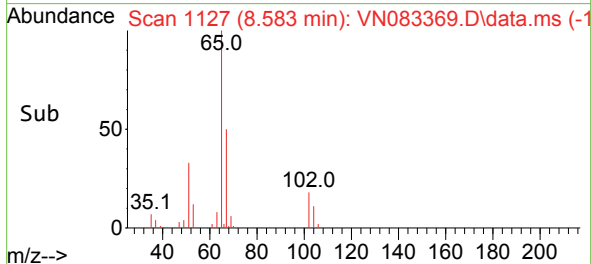
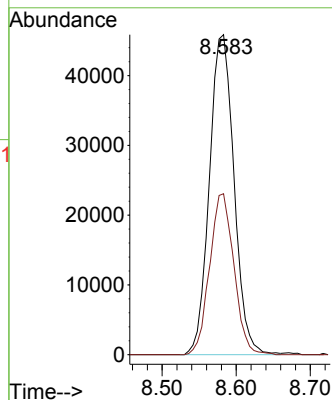
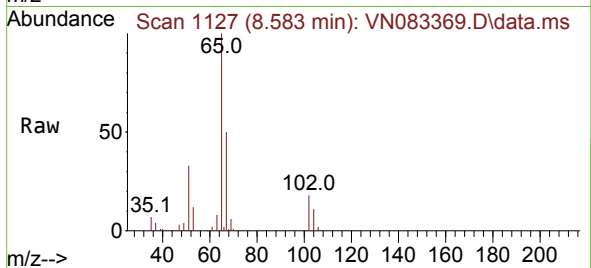
ClientSampleId :

Tgt Ion: 65 Resp: 105966

Ion Ratio Lower Upper

65 100

67 49.6 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: VN083369.D

Acq: 19 Aug 2024 13:37

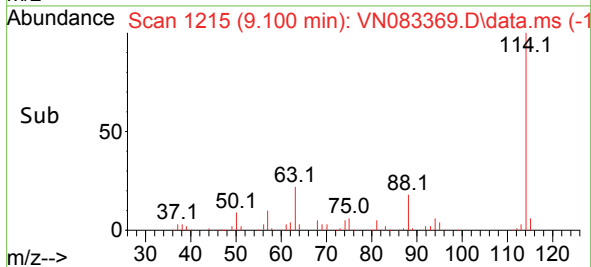
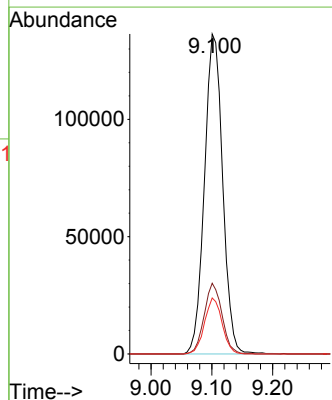
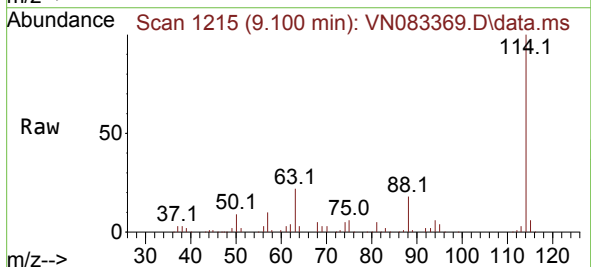
Tgt Ion: 114 Resp: 283183

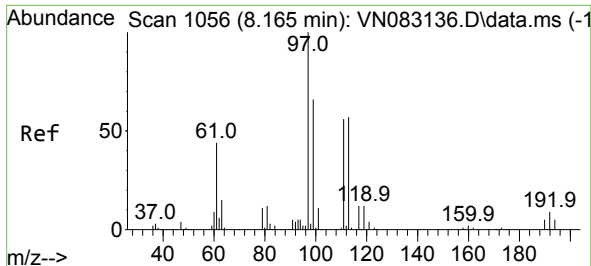
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

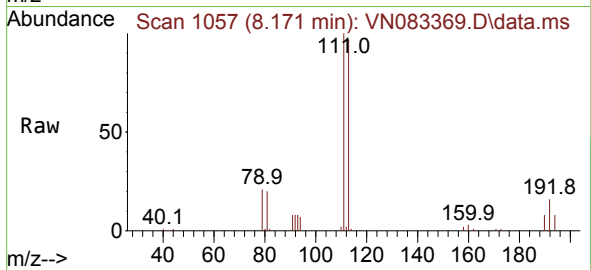
88 17.5 0.0 31.4



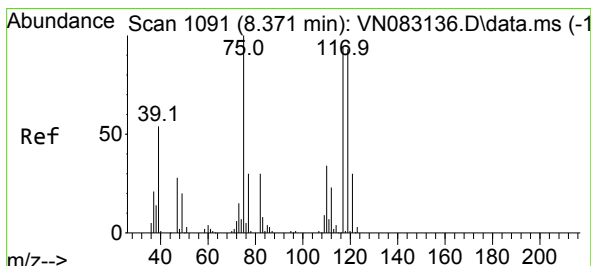
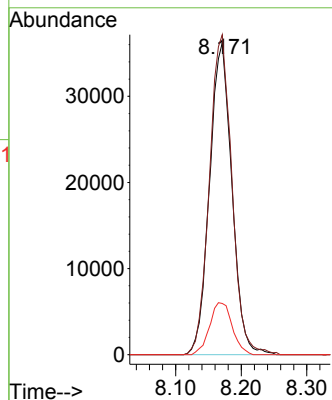
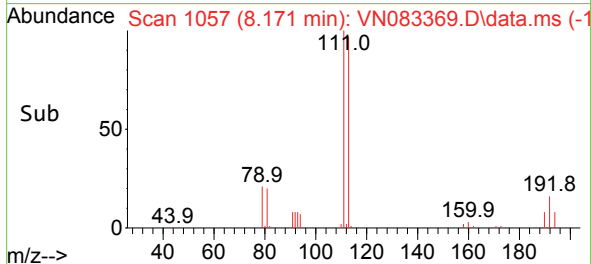


#35
Dibromofluoromethane
Concen: 48.390 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :

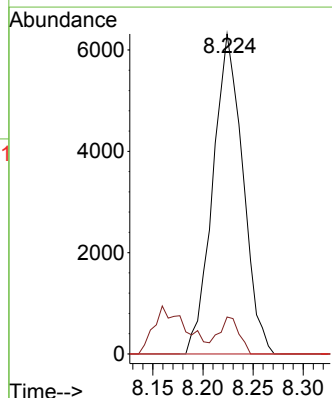
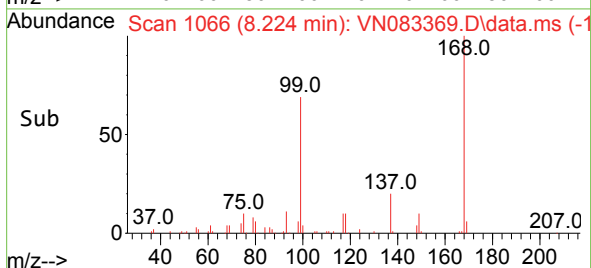
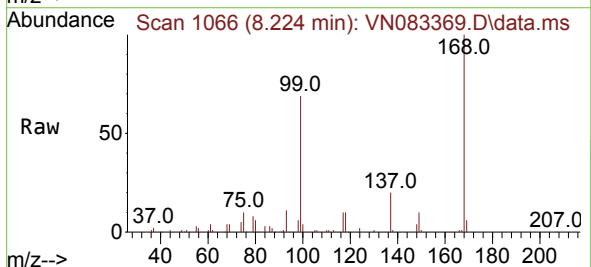


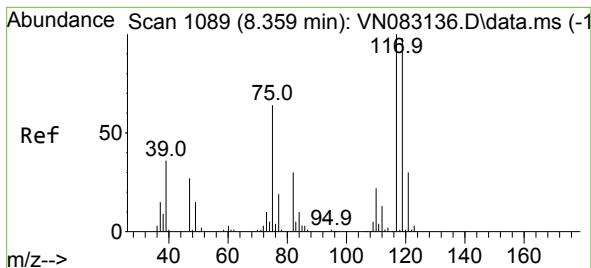
Tgt Ion:113 Resp: 85532
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 16.9 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 75 Resp: 13165
Ion Ratio Lower Upper
75 100
110 7.6 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.385 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

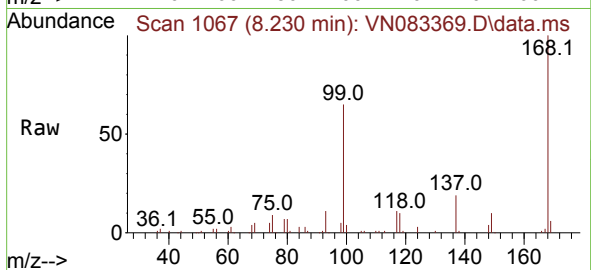
Lab File: VN083369.D

Acq: 19 Aug 2024 13:37

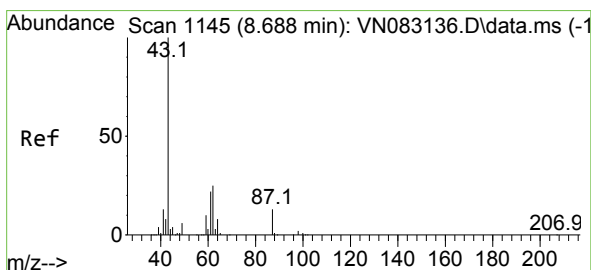
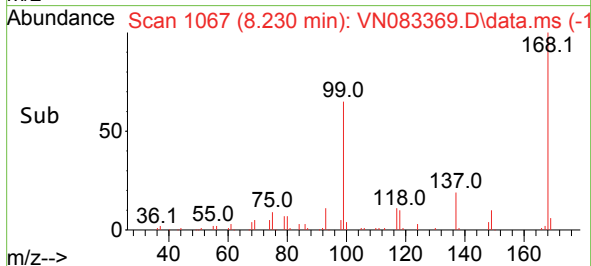
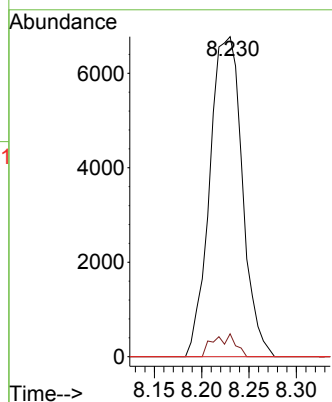
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	16216
Ion	Ratio	Lower	Upper
117	100		
119	7.1	74.9	112.3#
121	0.0	24.3	36.5#



#43

Isopropyl Acetate

Concen: Below Cal

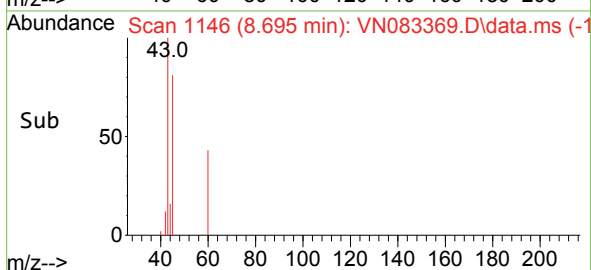
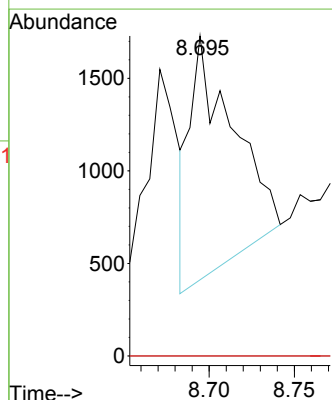
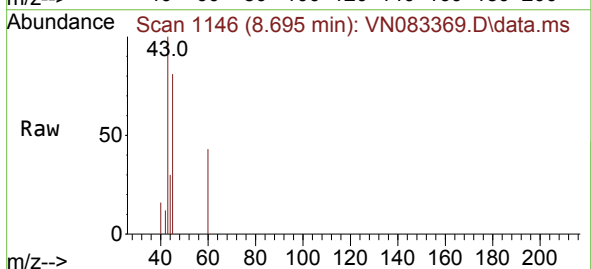
RT: 8.695 min Scan# 1146

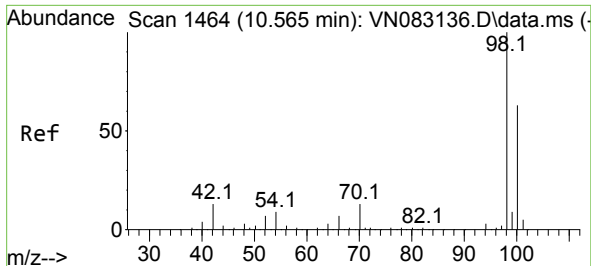
Delta R.T. 0.007 min

Lab File: VN083369.D

Acq: 19 Aug 2024 13:37

Tgt Ion:	43	Resp:	2307
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#

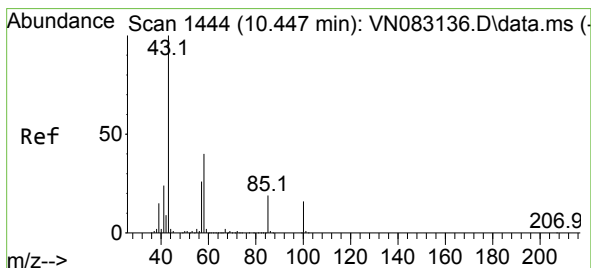
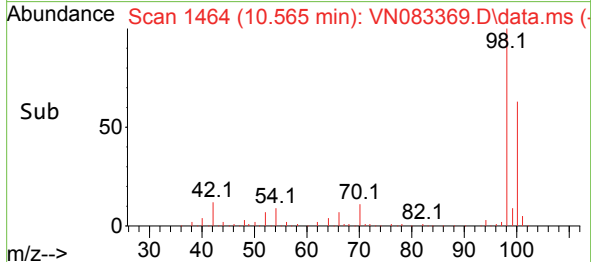
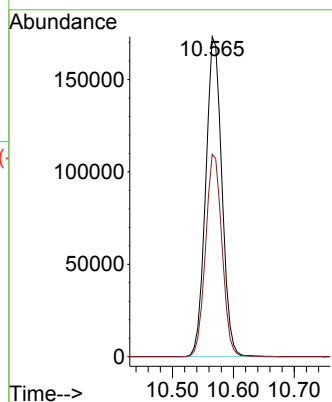
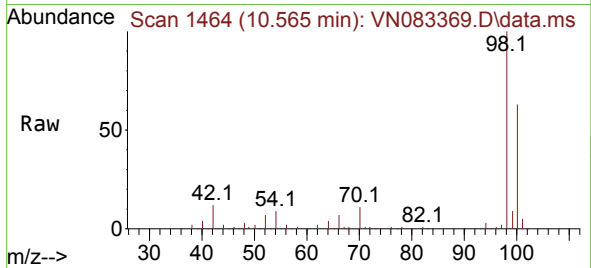




#50
Toluene-d8
Concen: 48.443 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

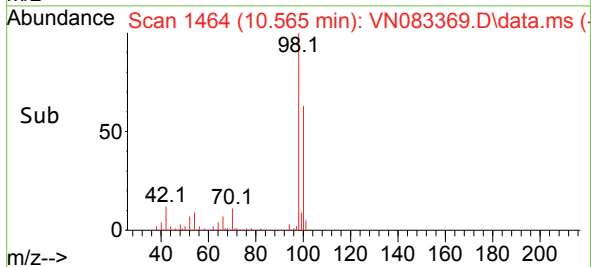
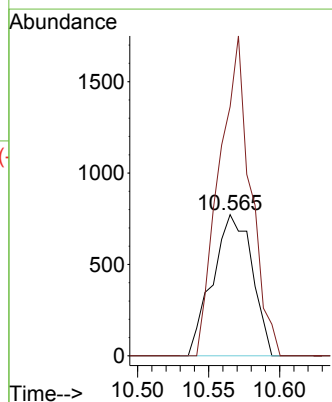
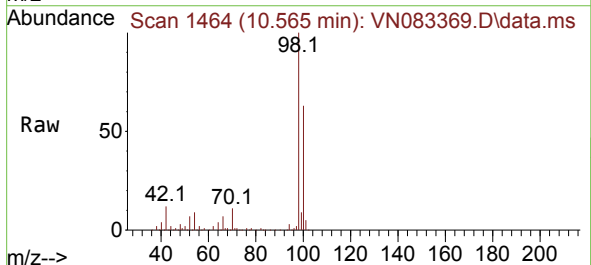
Instrument :
MSVOA_N
ClientSampleId :

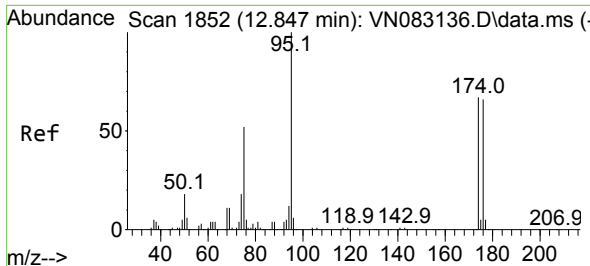
Tgt Ion: 98 Resp: 319405
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 180.7 28.2 42.4#

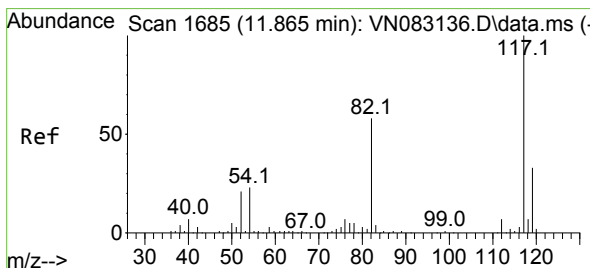
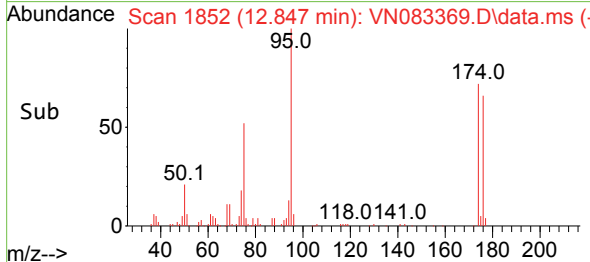
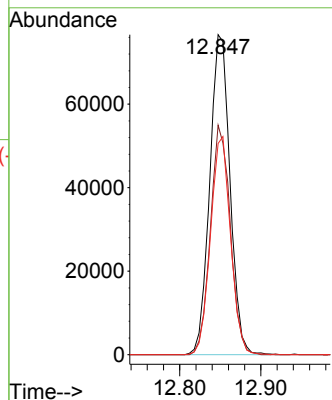
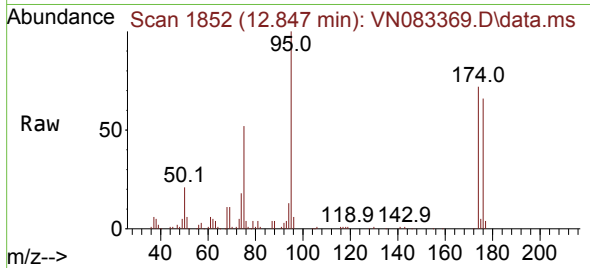




#62
4-Bromofluorobenzene
Concen: 51.610 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

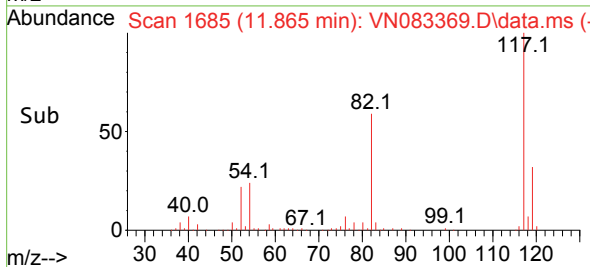
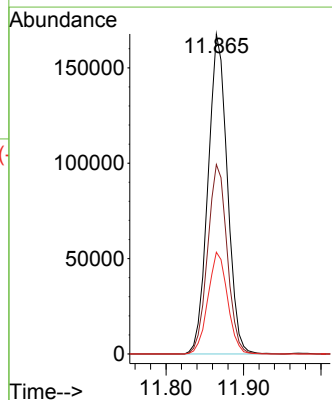
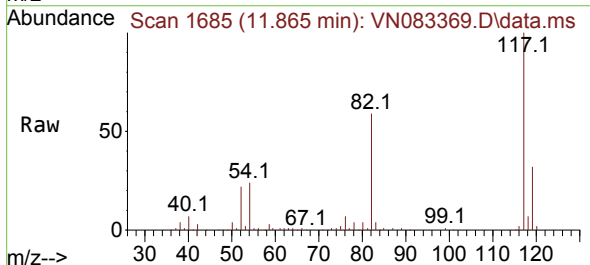
Instrument :
MSVOA_N
ClientSampleId :

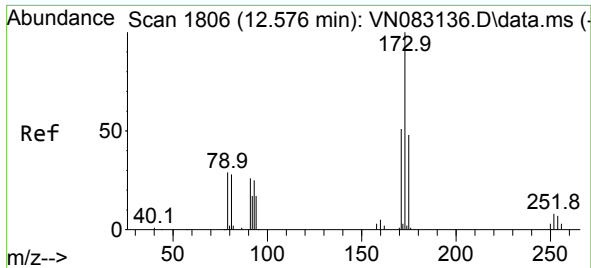
Tgt Ion: 95 Resp: 132664
Ion Ratio Lower Upper
95 100
174 70.4 0.0 159.2
176 67.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

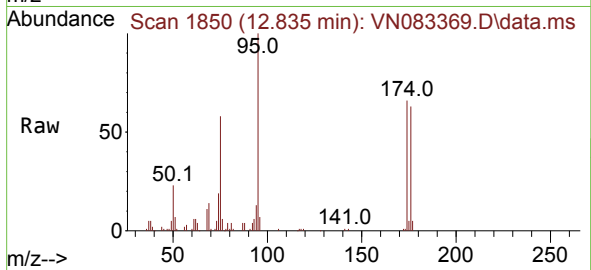
Tgt Ion: 117 Resp: 290527
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 31.8 25.6 38.4



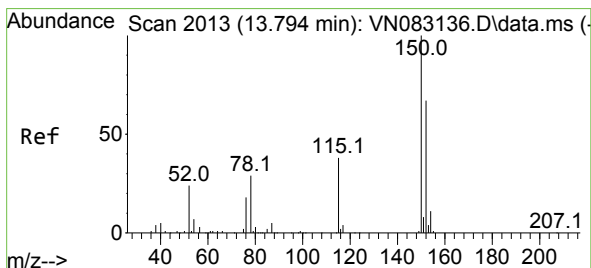
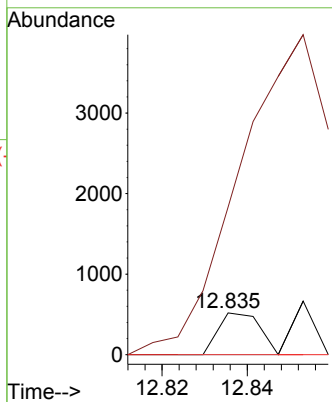
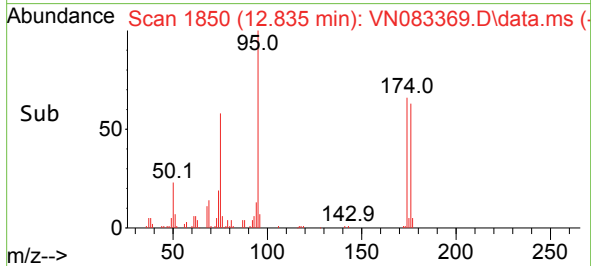


#71
Bromoform
Concen: 0.205 ug/l
RT: 12.835 min Scan# 1806
Delta R.T. 0.259 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :

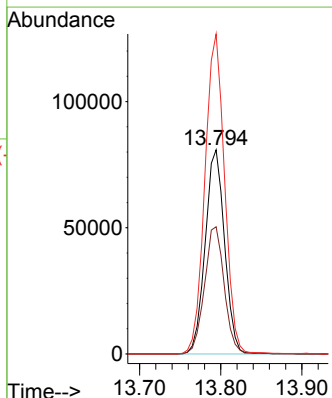
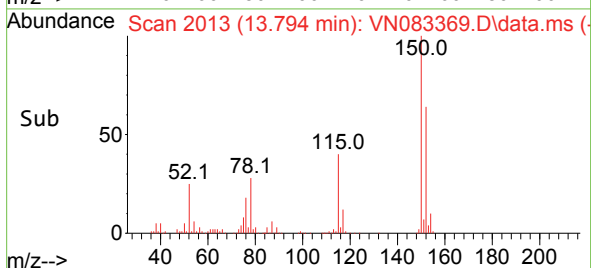
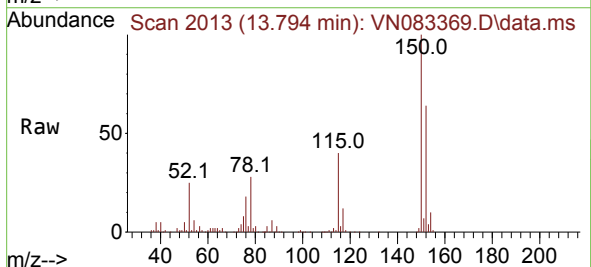


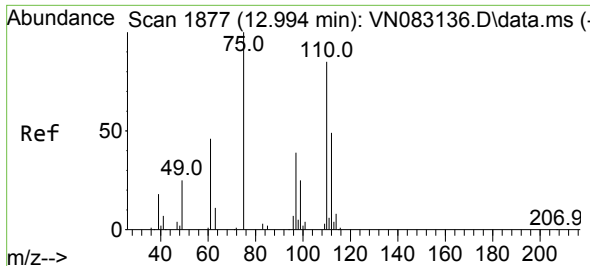
Tgt Ion:173 Resp: 351
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

Tgt Ion:152 Resp: 134032
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 159.0 0.0 348.6

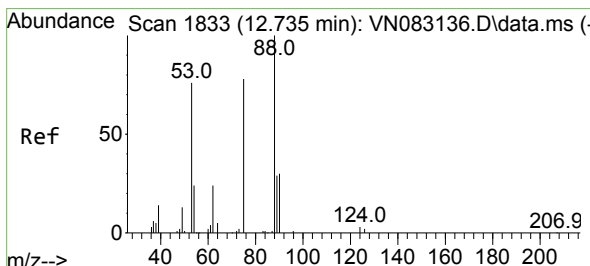
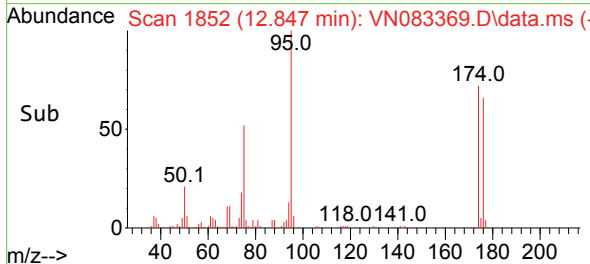
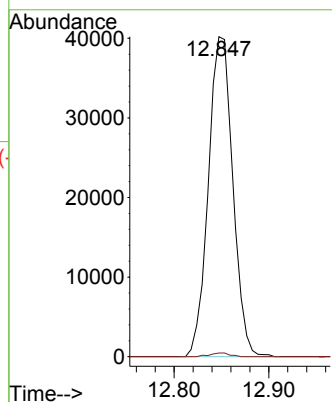
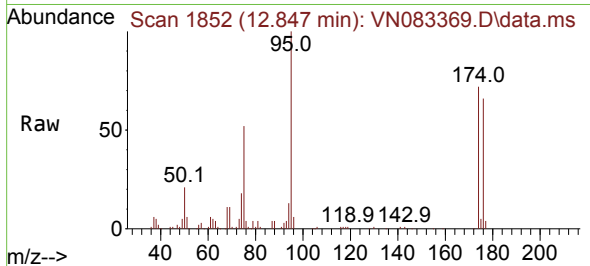




#76
1,2,3-Trichloropropane
Concen: 24.521 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

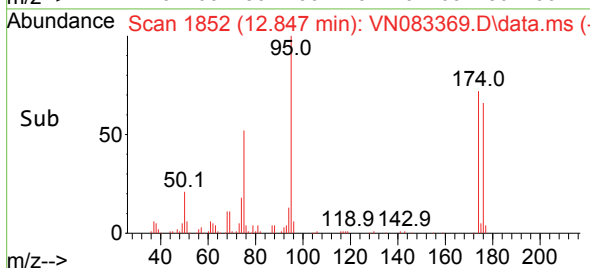
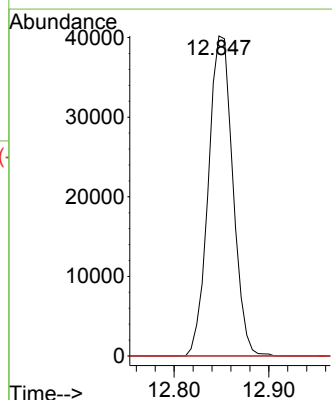
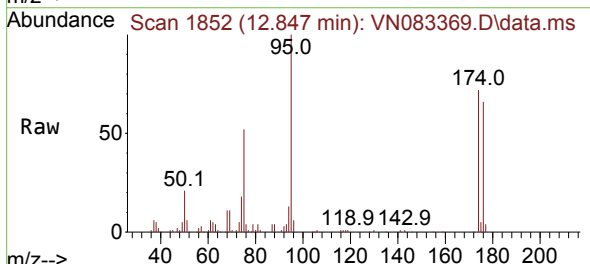
Instrument :
MSVOA_N
ClientSampleId :

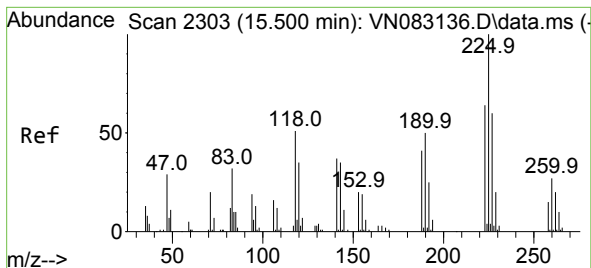
Tgt Ion: 75 Resp: 72134
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.340 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083369.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 75 Resp: 72134
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#94

Hexachlorobutadiene

Concen: 0.306 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.006 min

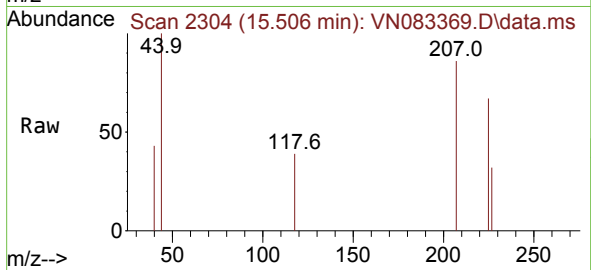
Lab File: VN083369.D

Acq: 19 Aug 2024 13:37

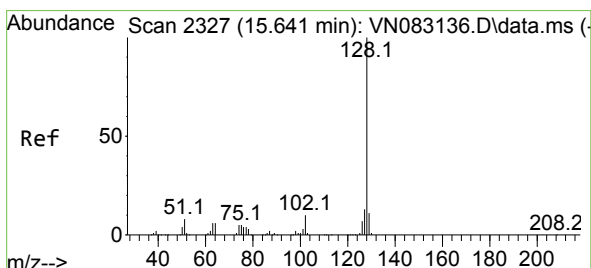
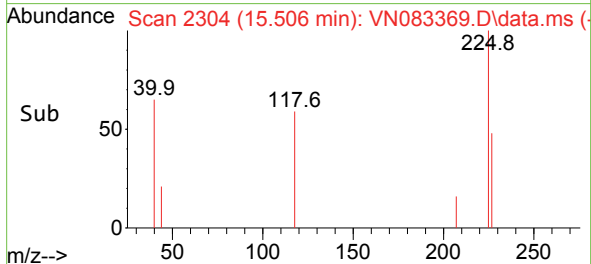
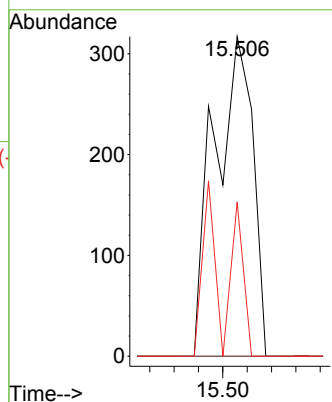
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	225	Resp:	346
Ion Ratio	Lower	Upper	
225	100		
223	0.0	31.9	95.7#
227	33.2	32.5	97.5



#95

Naphthalene

Concen: 0.204 ug/l

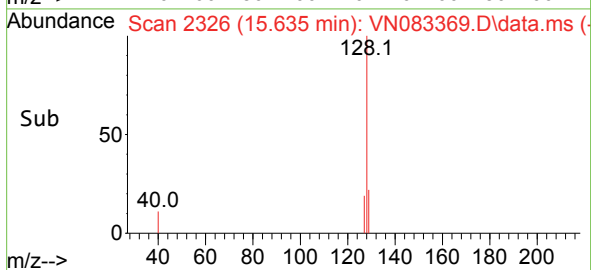
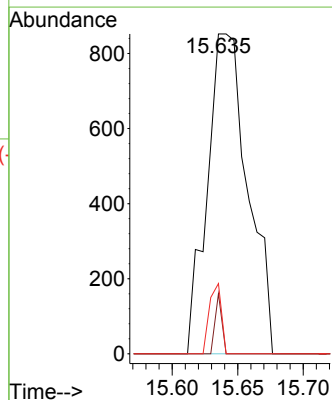
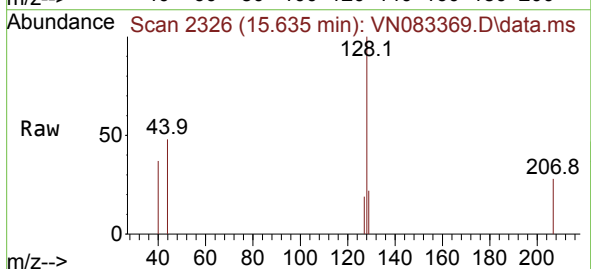
RT: 15.635 min Scan# 2326

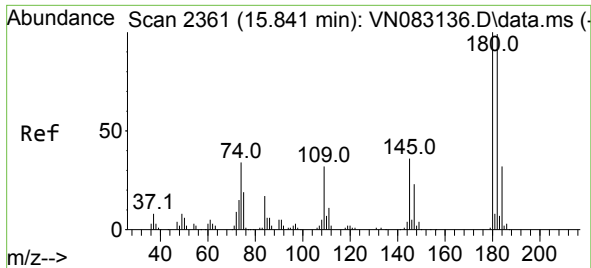
Delta R.T. -0.006 min

Lab File: VN083369.D

Acq: 19 Aug 2024 13:37

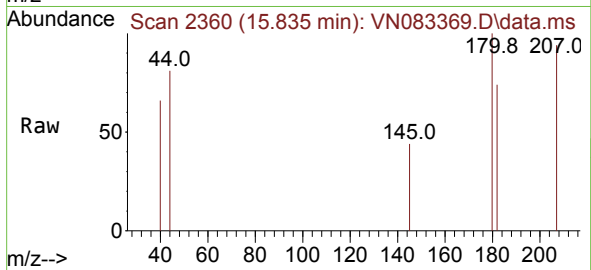
Tgt Ion:	128	Resp:	1838
Ion Ratio	Lower	Upper	
128	100		
127	3.0	10.6	16.0#
129	6.5	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.229 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083369.D
 Acq: 19 Aug 2024 13:37

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	71.0	48.9	146.8
145	10.6	16.8	50.4

