

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083368.D
 Acq On : 19 Aug 2024 12:21
 Operator : JC\MD
 Sample : VN0819MBL01
 Misc : 5.00g/5mL/10uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:43:33 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)

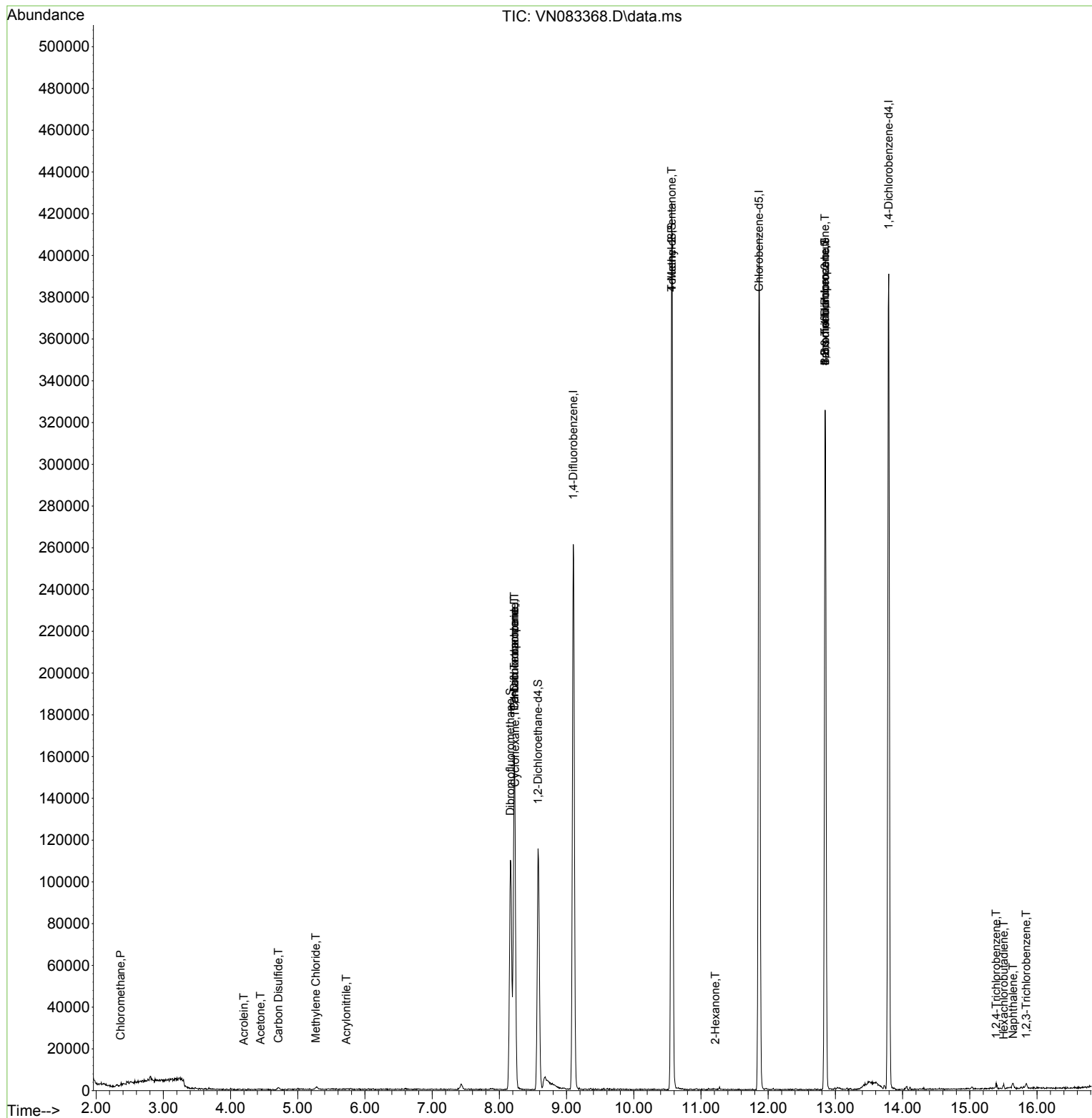
Internal Standards						
1) Pentafluorobenzene	8.224	168	111668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	220576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97792	61.525	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 123.040%		
35) Dibromofluoromethane	8.165	113	80454	58.436	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 116.880%		
50) Toluene-d8	10.565	98	290917	56.645	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 113.300%#		
62) 4-Bromofluorobenzene	12.847	95	117344	58.607	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 117.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	302	0.233	ug/l #	43
13) Acrolein	4.200	56	61	0.283	ug/l #	76
15) Acrylonitrile	5.724	53	336	0.495	ug/l #	36
16) Acetone	4.447	43	595	0.957	ug/l #	48
17) Carbon Disulfide	4.712	76	1744	0.482	ug/l #	75
20) Methylene Chloride	5.271	84	692	0.483	ug/l #	64
31) Cyclohexane	8.235	56	3031	1.287	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	10391	4.989	ug/l #	52
38) Carbon Tetrachloride	8.224	117	12221	5.210	ug/l #	19
43) Isopropyl Acetate	8.677	43	5542	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1421	0.644	ug/l #	1
59) 2-Hexanone	11.212	43	375	0.220	ug/l #	28
71) Bromoform	12.847	173	397	0.292	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	63408	27.798	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63408	60.467	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.394	180	901	0.457	ug/l #	89
94) Hexachlorobutadiene	15.506	225	535	0.611	ug/l #	74
95) Naphthalene	15.647	128	3386	0.485	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	1387	0.712	ug/l #	66

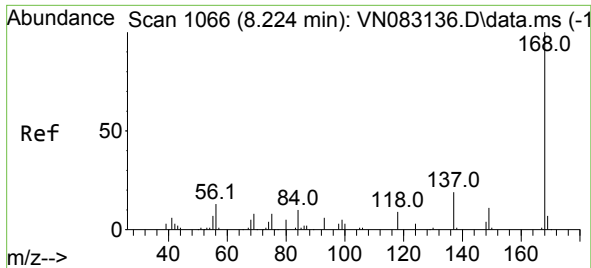
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN083368.D
Acq On : 19 Aug 2024 12:21
Operator : JC\MD
Sample : VN0819MBL01
Misc : 5.00g/5mL/10uL1/5.00mL/MSVOA_N/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

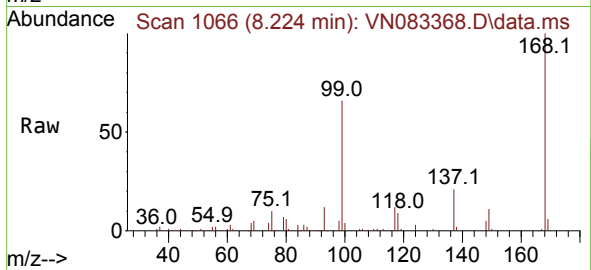
Quant Time: Aug 20 04:43:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



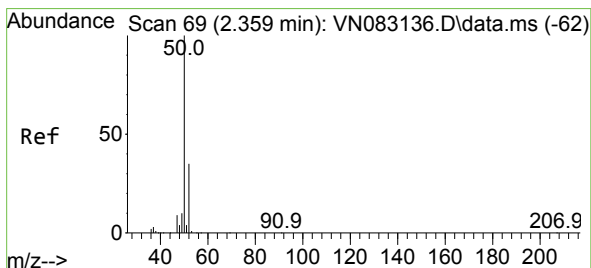
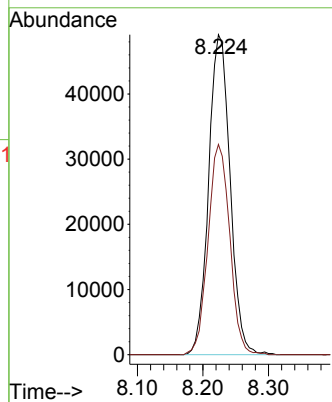
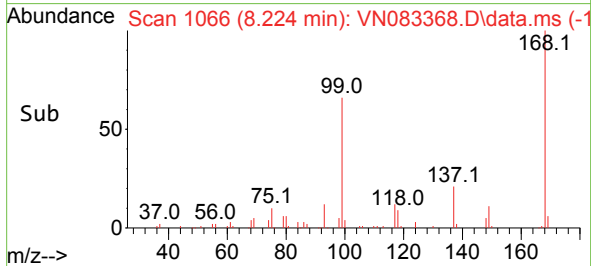


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

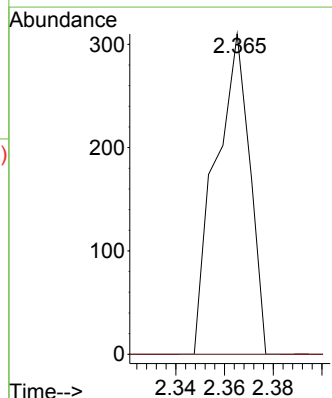
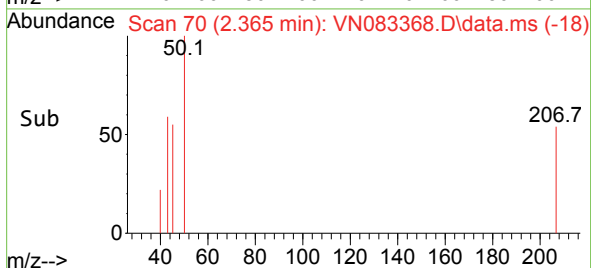
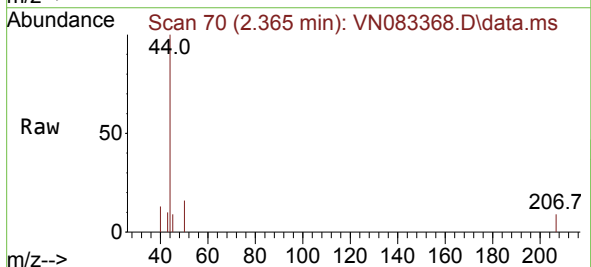


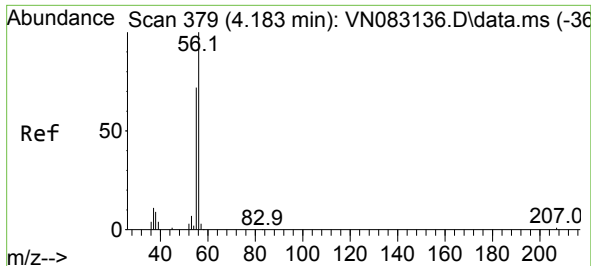
Tgt Ion:168 Resp: 111668
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4



#3
Chloromethane
Concen: 0.233 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

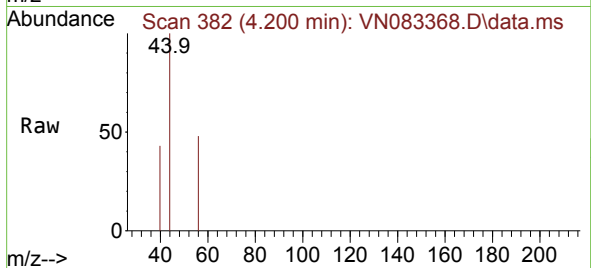
Tgt Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



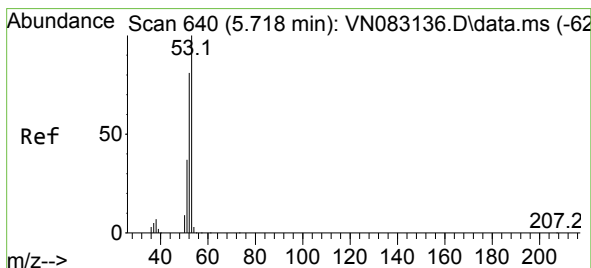
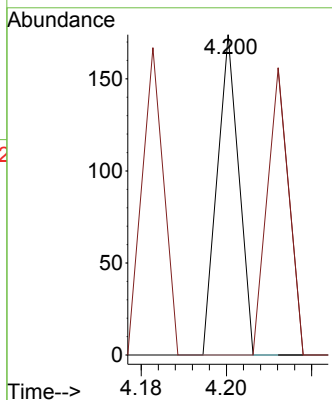


#13
Acrolein
Concen: 0.283 ug/l
RT: 4.200 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

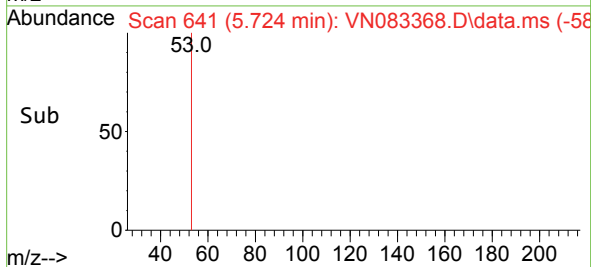
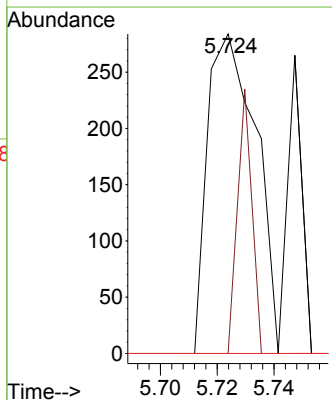
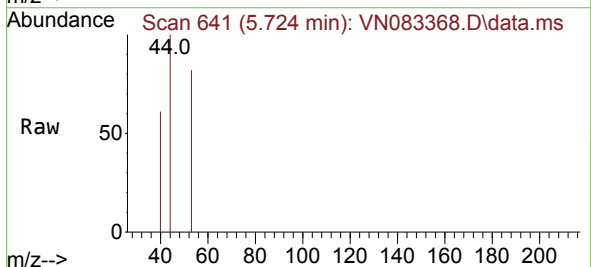


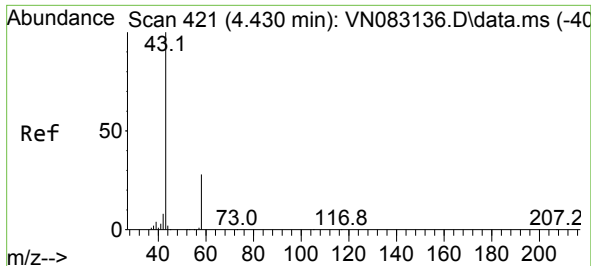
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 90.2 56.4 84.6#



#15
Acrylonitrile
Concen: 0.495 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

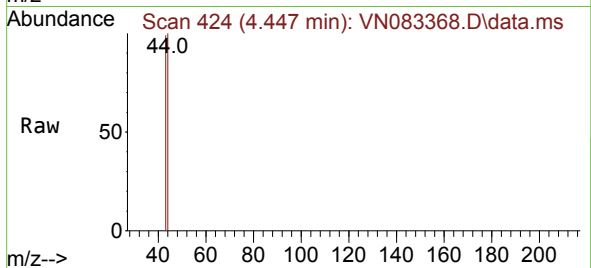
Tgt Ion: 53 Resp: 336
Ion Ratio Lower Upper
53 100
52 24.7 66.6 100.0#
51 0.0 30.1 45.1#



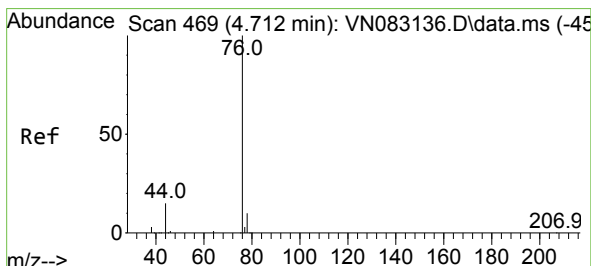
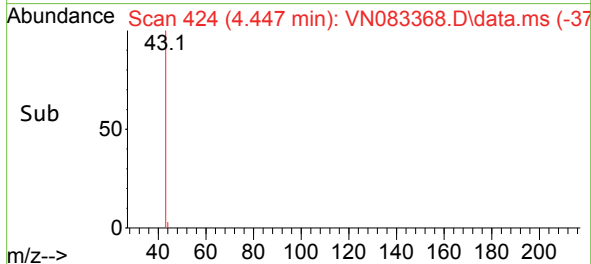
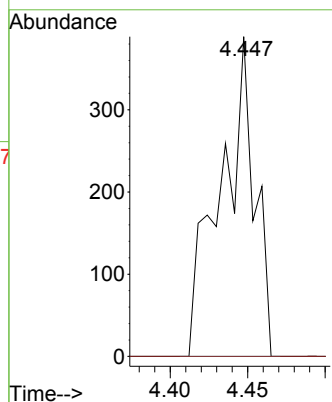


#16
Acetone
Concen: 0.957 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

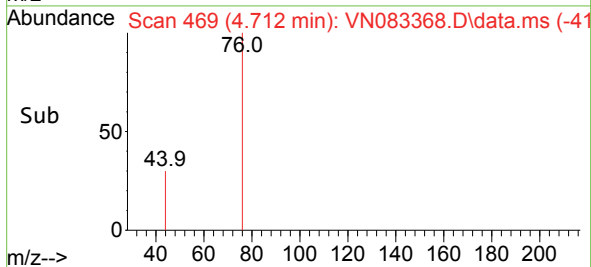
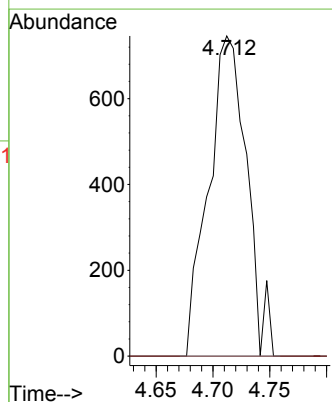
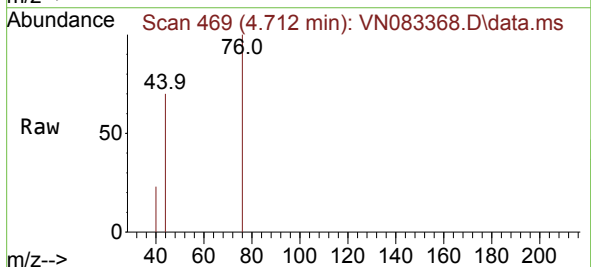


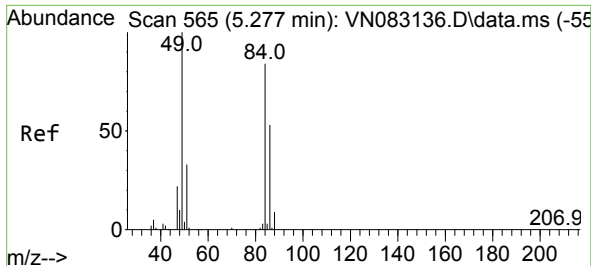
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.482 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

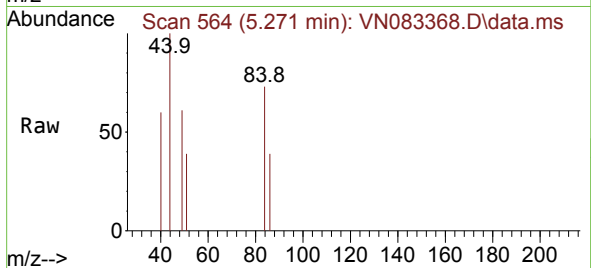
Tgt Ion: 76 Resp: 1744
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



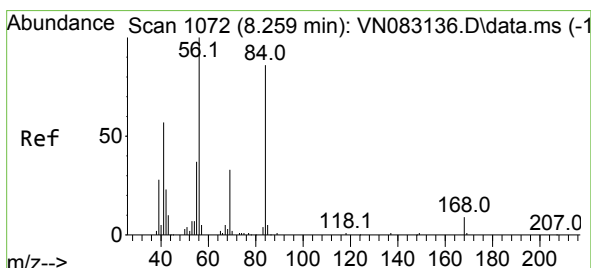
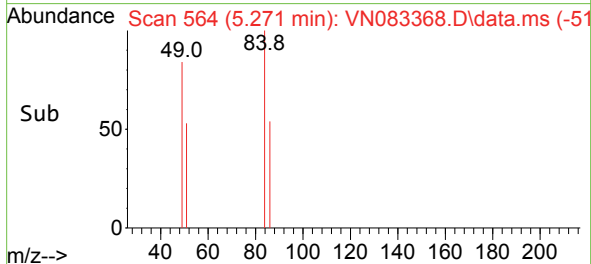
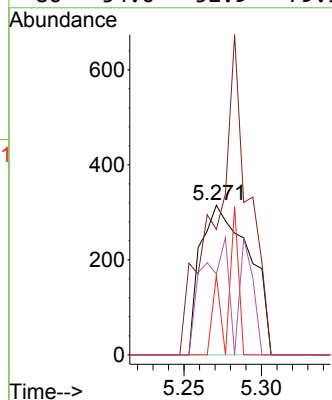


#20
Methylene Chloride
Concen: 0.483 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

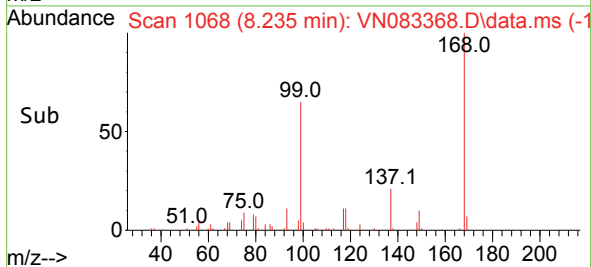
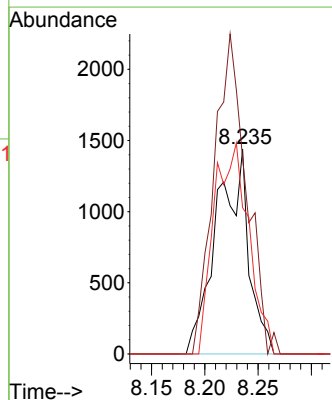
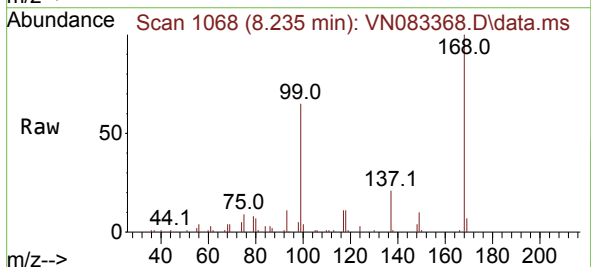


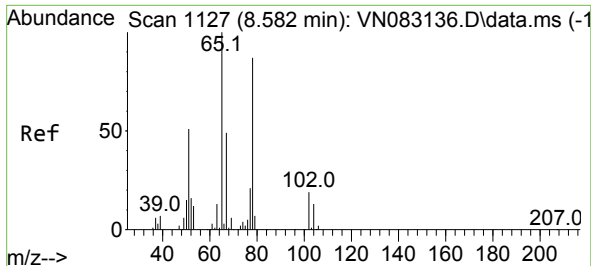
Tgt Ion:	84	Resp:	692
Ion	Ratio	Lower	Upper
84	100		
49	83.8	119.6	179.4#
51	53.0	34.8	52.2#
86	54.0	52.9	79.3



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Tgt Ion:	56	Resp:	3031
Ion	Ratio	Lower	Upper
56	100		
69	95.7	24.5	36.7#
84	71.4	66.0	99.0





#33

1,2-Dichloroethane-d4

Concen: 61.525 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

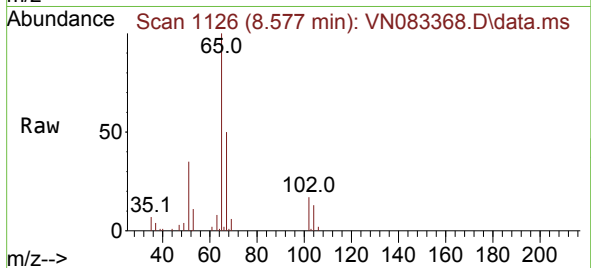
Lab File: VN083368.D

Acq: 19 Aug 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

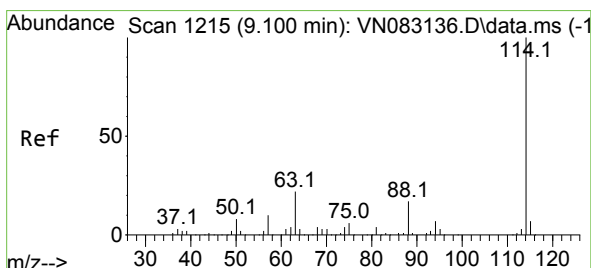
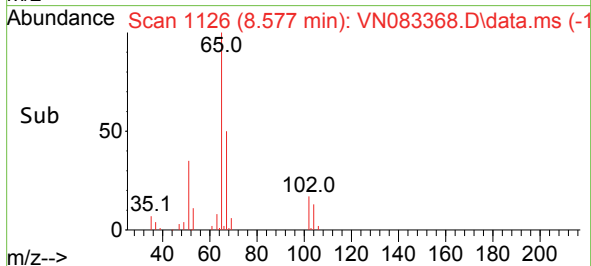
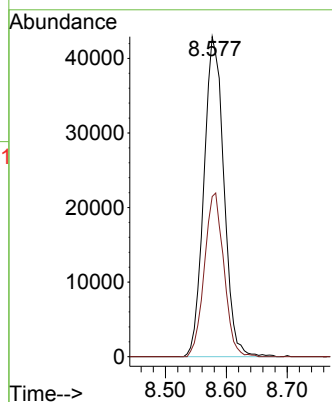


Tgt Ion: 65 Resp: 97792

Ion Ratio Lower Upper

65 100

67 49.9 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: VN083368.D

Acq: 19 Aug 2024 12:21

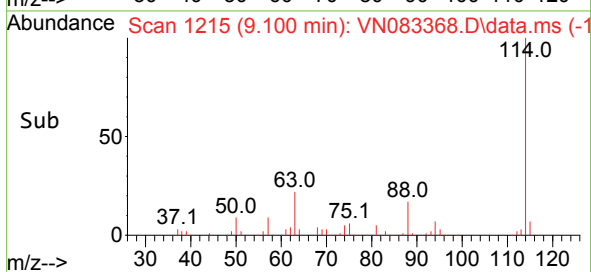
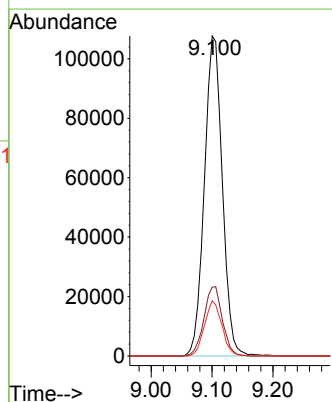
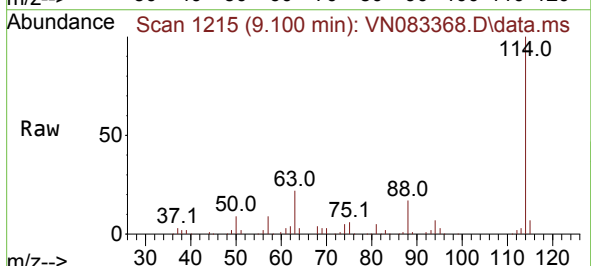
Tgt Ion: 114 Resp: 220576

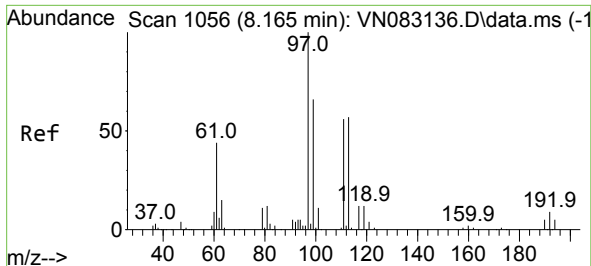
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

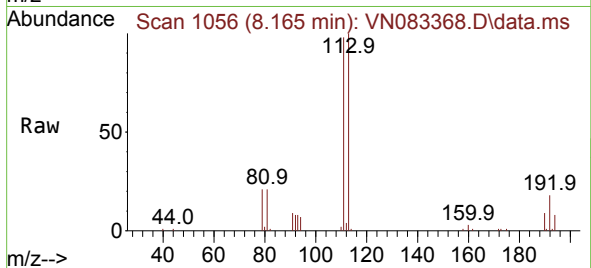
88 17.3 0.0 31.4



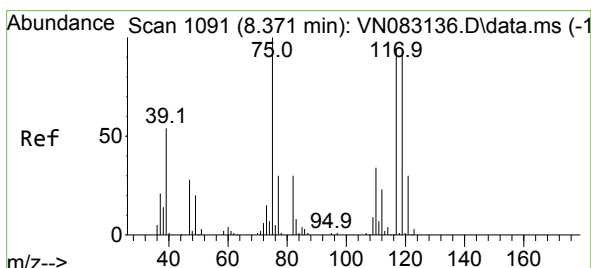
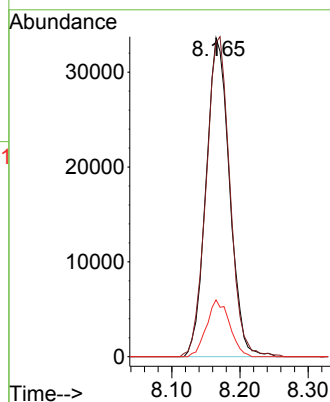
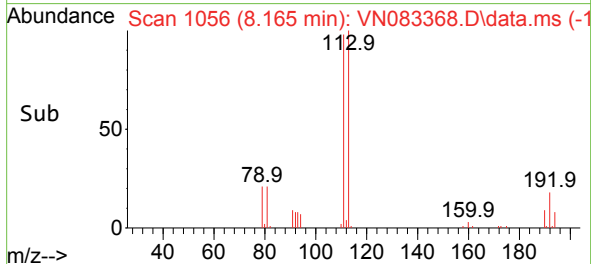


#35
Dibromofluoromethane
Concen: 58.436 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

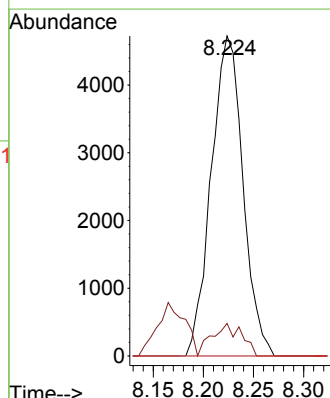
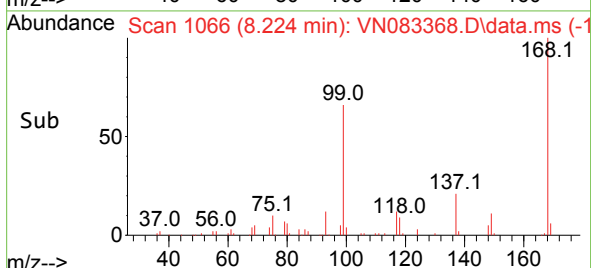
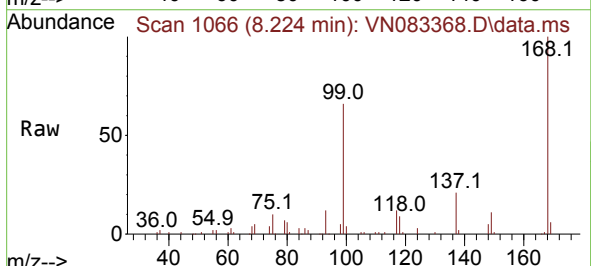


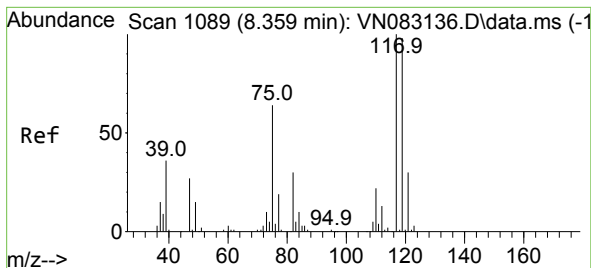
Tgt Ion:113 Resp: 80454
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 17.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Tgt Ion: 75 Resp: 10391
Ion Ratio Lower Upper
75 100
110 9.5 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.210 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

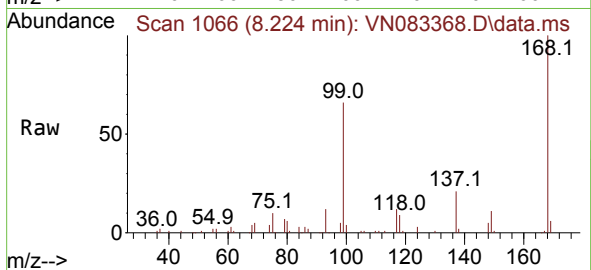
Lab File: VN083368.D

Acq: 19 Aug 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :



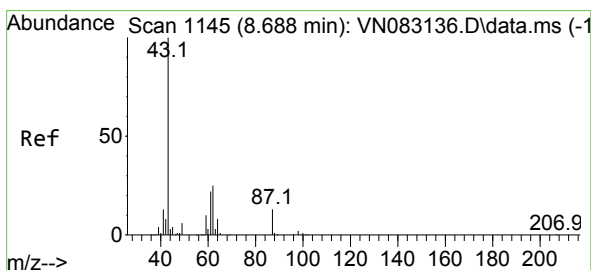
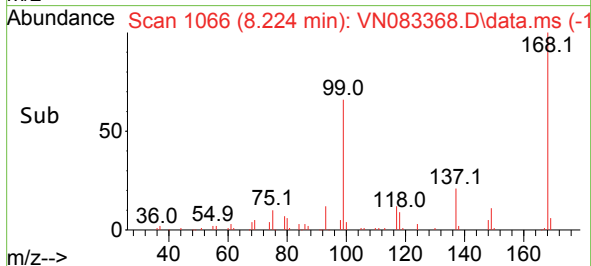
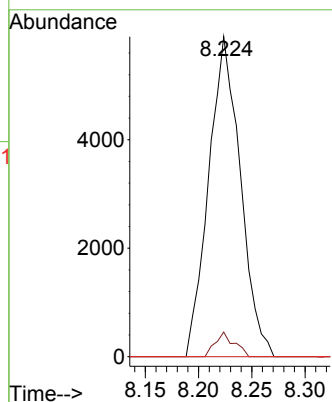
Tgt Ion:117 Resp: 12221

Ion Ratio Lower Upper

117 100

119 7.7 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

Lab File: VN083368.D

Acq: 19 Aug 2024 12:21

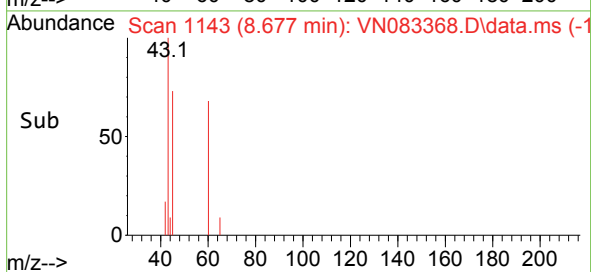
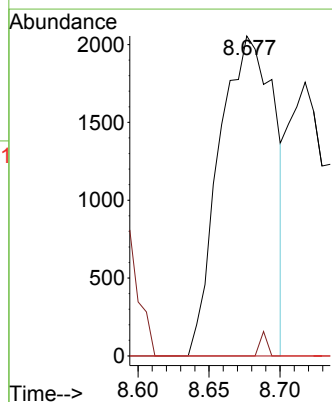
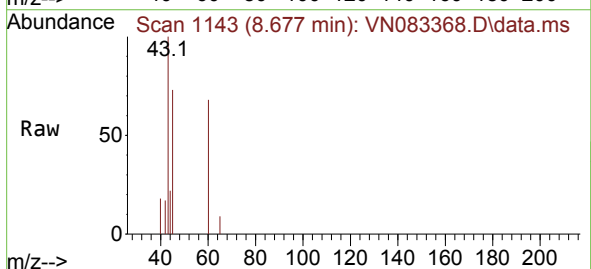
Tgt Ion: 43 Resp: 5542

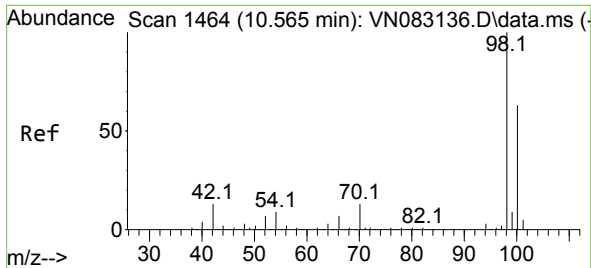
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

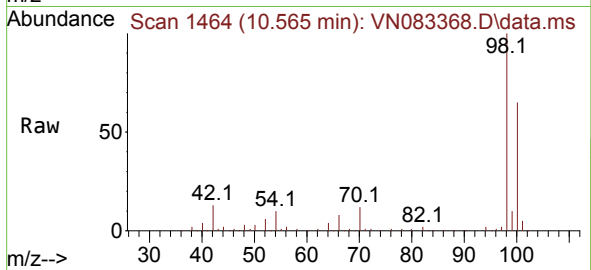
87 0.0 8.2 12.2#



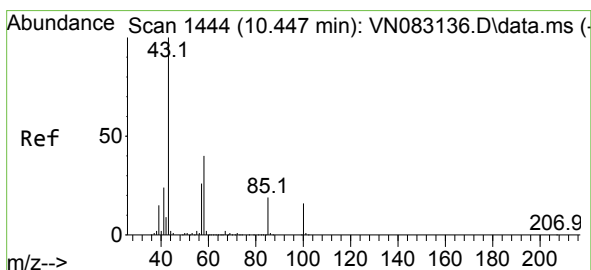
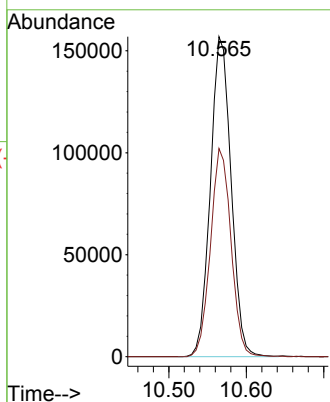
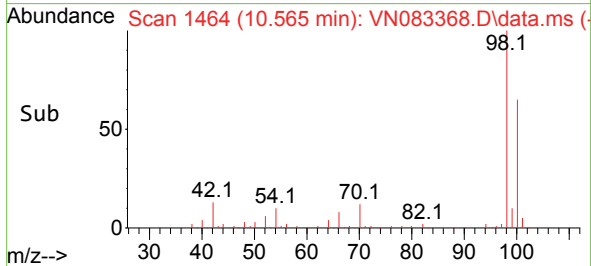


#50
Toluene-d8
Concen: 56.645 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

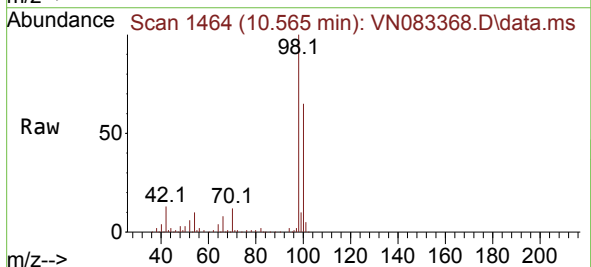
Instrument :
MSVOA_N
ClientSampleId :



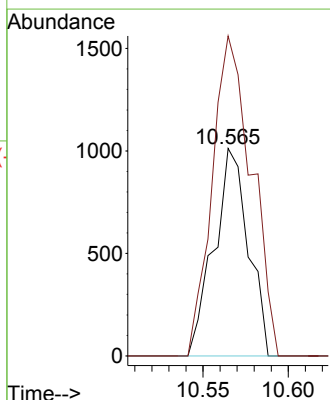
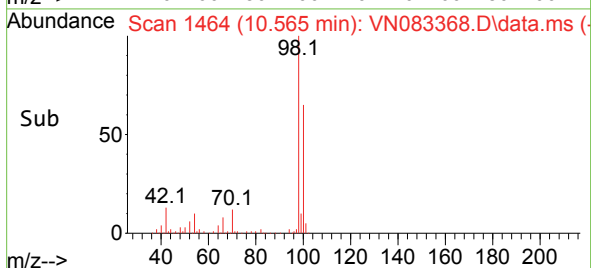
Tgt Ion: 98 Resp: 290917
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

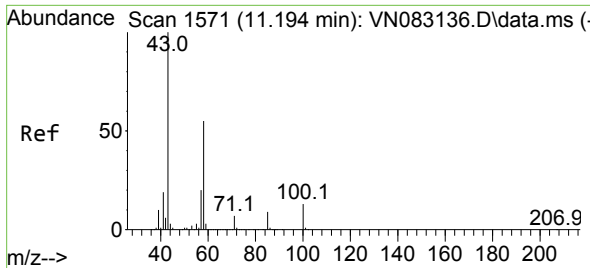


#51
4-Methyl-2-Pentanone
Concen: 0.644 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21



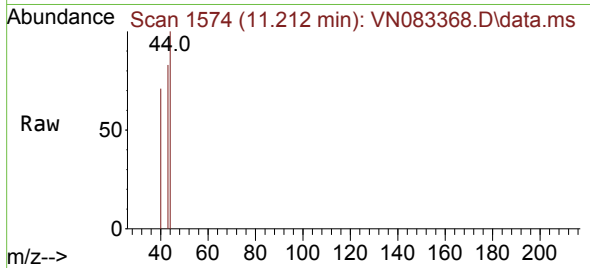
Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 177.1 28.2 42.4#



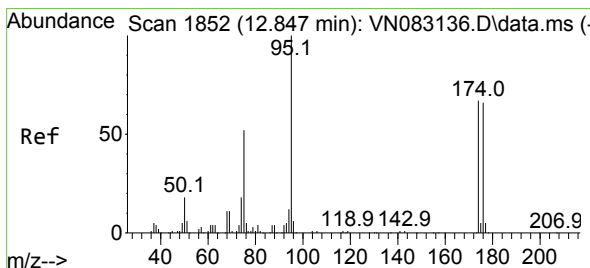
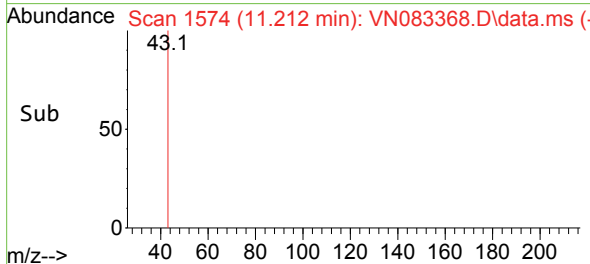
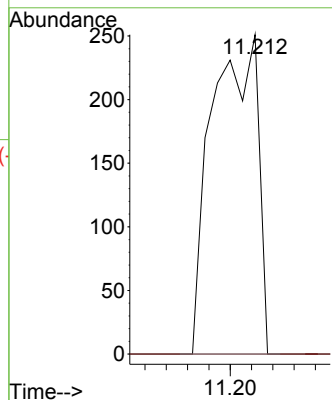


#59
2-Hexanone
Concen: 0.220 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

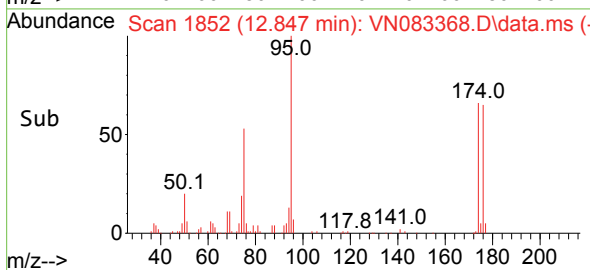
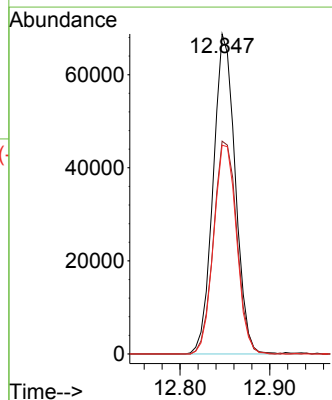
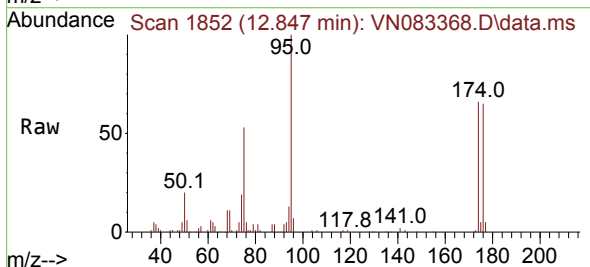


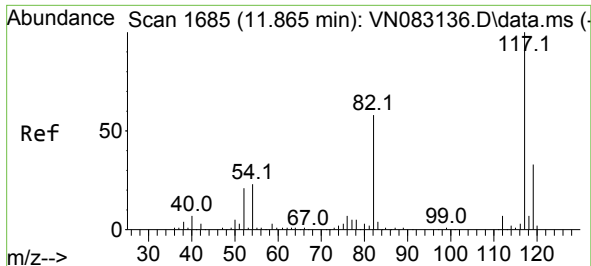
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 58.607 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

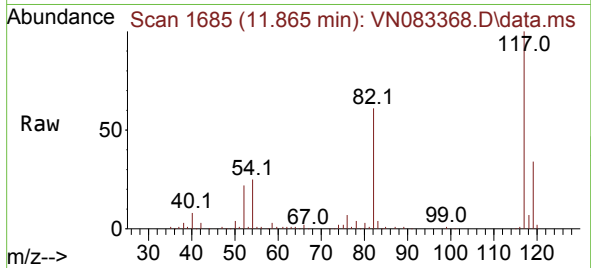
Tgt Ion: 95 Resp: 117344
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 67.9 0.0 147.6



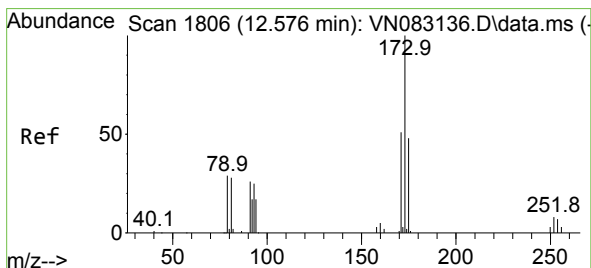
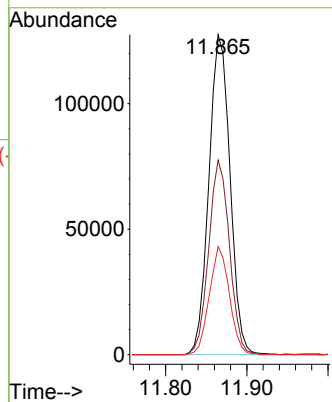
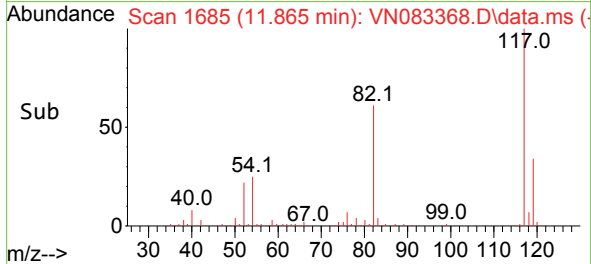


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :

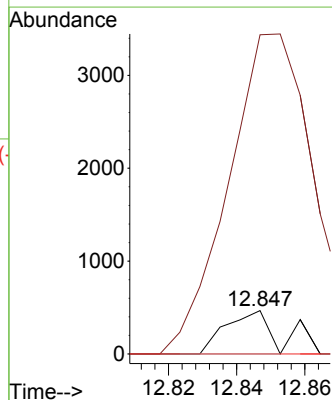
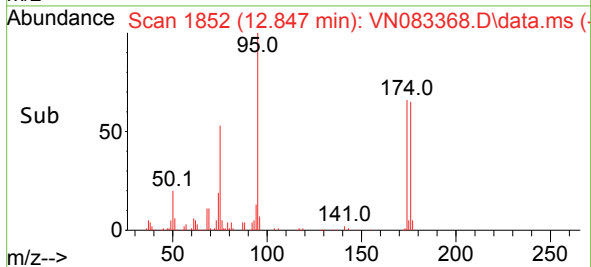
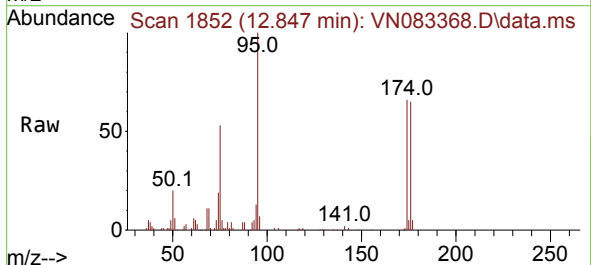


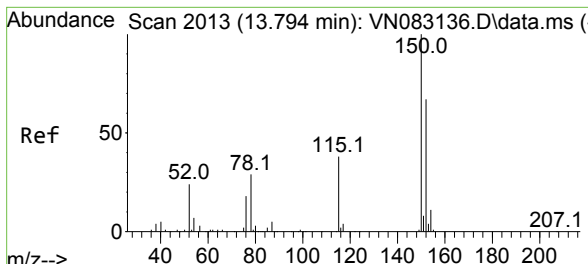
Tgt Ion:117 Resp: 230647
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 33.8 25.6 38.4



#71
Bromoform
Concen: 0.292 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083368.D
Acq: 19 Aug 2024 12:21

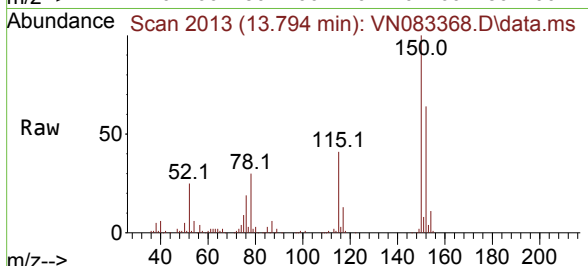
Tgt Ion:173 Resp: 397
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



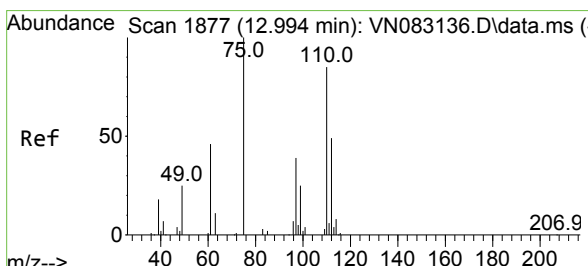
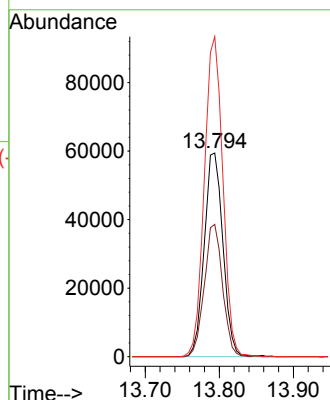
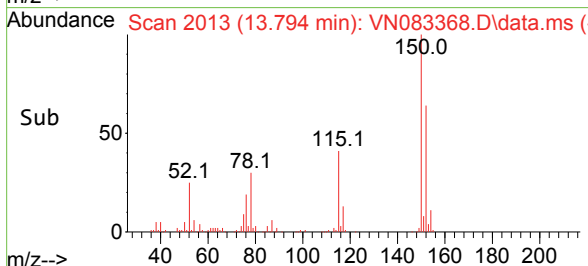


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083368.D
 Acq: 19 Aug 2024 12:21

Instrument :
 MSVOA_N
 ClientSampleId :

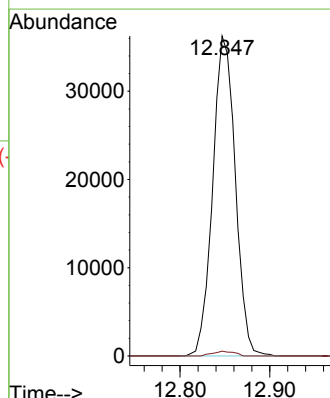
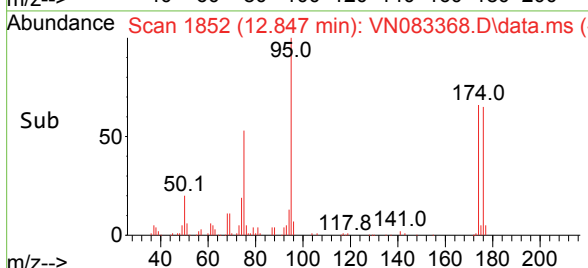
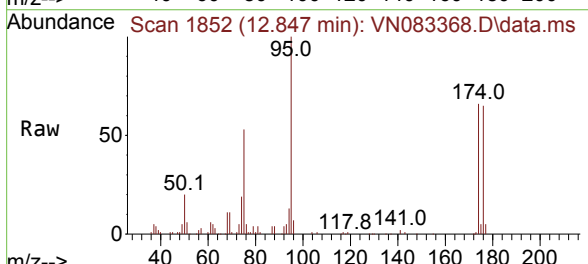


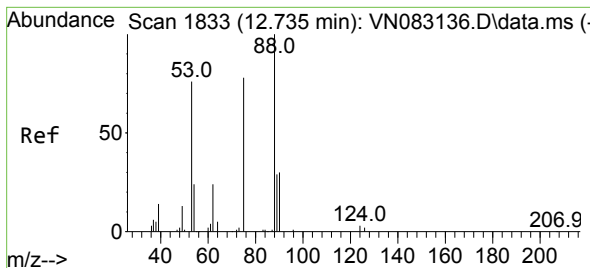
Tgt Ion:152 Resp: 103931
 Ion Ratio Lower Upper
 152 100
 115 63.4 30.6 91.6
 150 155.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.798 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083368.D
 Acq: 19 Aug 2024 12:21

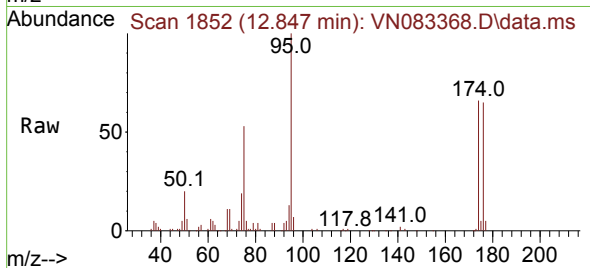
Tgt Ion: 75 Resp: 63408
 Ion Ratio Lower Upper
 75 100
 77 1.4 110.9 332.6#



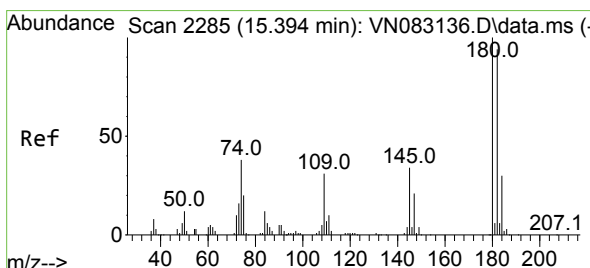
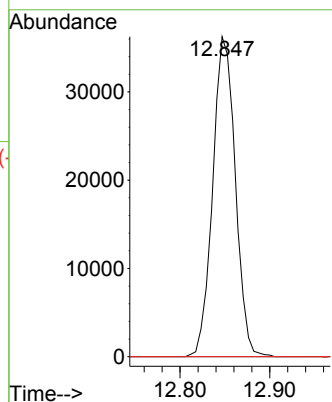
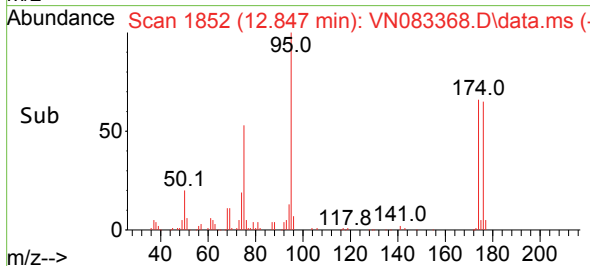


#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.467 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN083368.D
 Acq: 19 Aug 2024 12:21

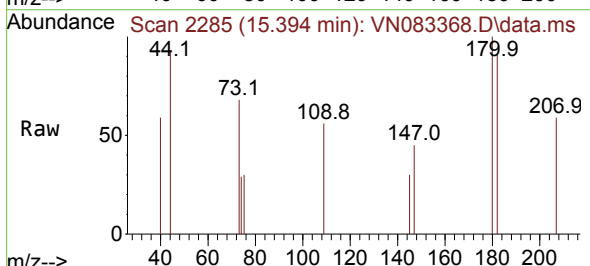
Instrument :
 MSVOA_N
 ClientSampleId :



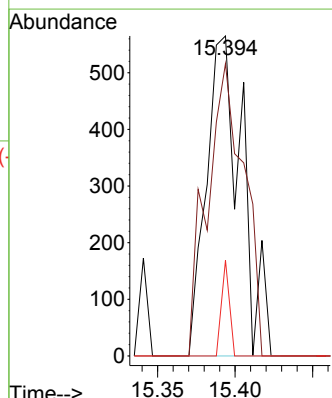
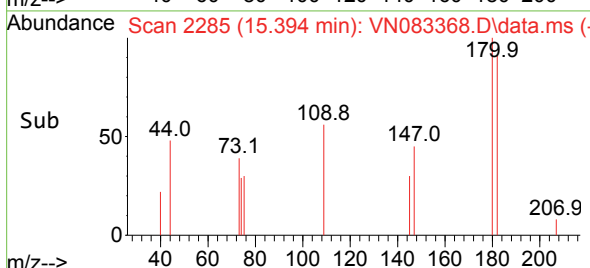
Tgt Ion: 75 Resp: 63408
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

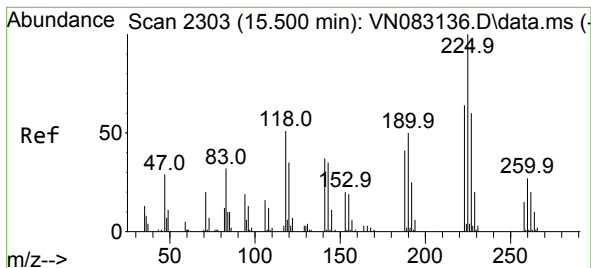


#93
 1,2,4-Trichlorobenzene
 Concen: 0.457 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN083368.D
 Acq: 19 Aug 2024 12:21



Tgt Ion: 180 Resp: 901
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.8
 145 6.7 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 0.611 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083368.D

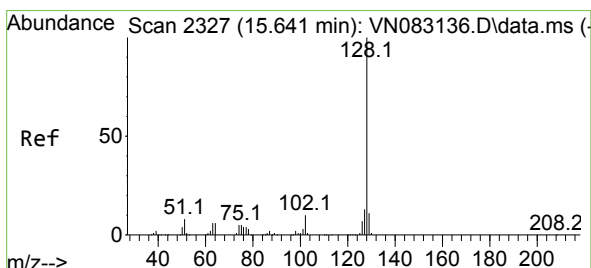
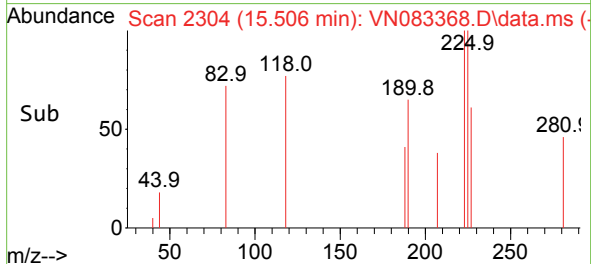
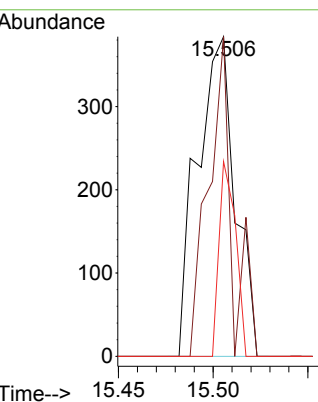
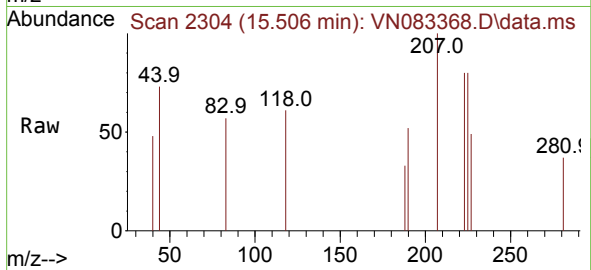
Acq: 19 Aug 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	225	Resp:	535
Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.9	95.7
227	26.5	32.5	97.5#



#95

Naphthalene

Concen: 0.485 ug/l

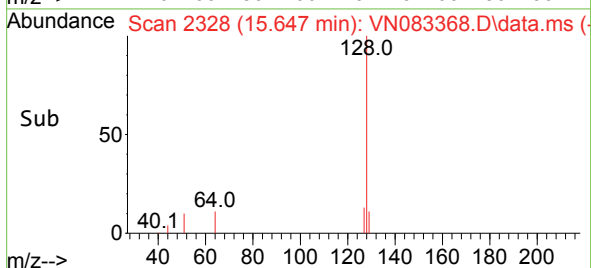
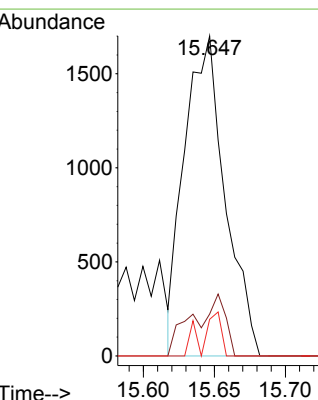
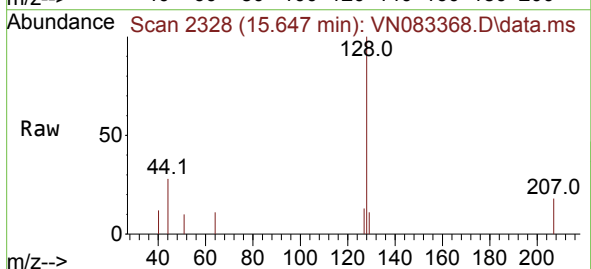
RT: 15.647 min Scan# 2328

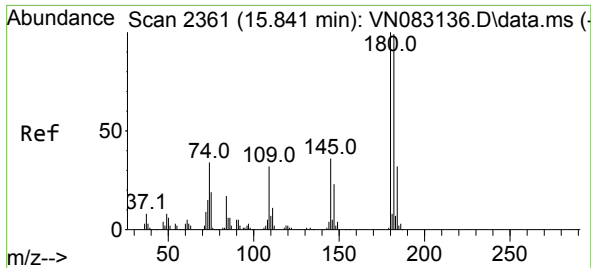
Delta R.T. 0.006 min

Lab File: VN083368.D

Acq: 19 Aug 2024 12:21

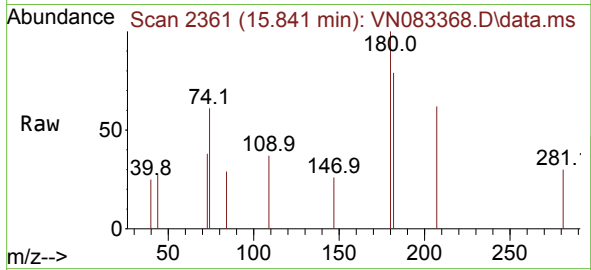
Tgt Ion:	128	Resp:	3386
Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.6	16.0
129	6.4	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.712 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083368.D
 Acq: 19 Aug 2024 12:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1387
 Ion Ratio Lower Upper
 180 100
 182 66.8 48.9 146.8
 145 9.3 16.8 50.4#

