

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081337.D
 Acq On : 08 Mar 2024 10:29
 Operator : JC\MD
 Sample : VN0308MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308MBL01

Quant Time: Mar 09 00:53:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

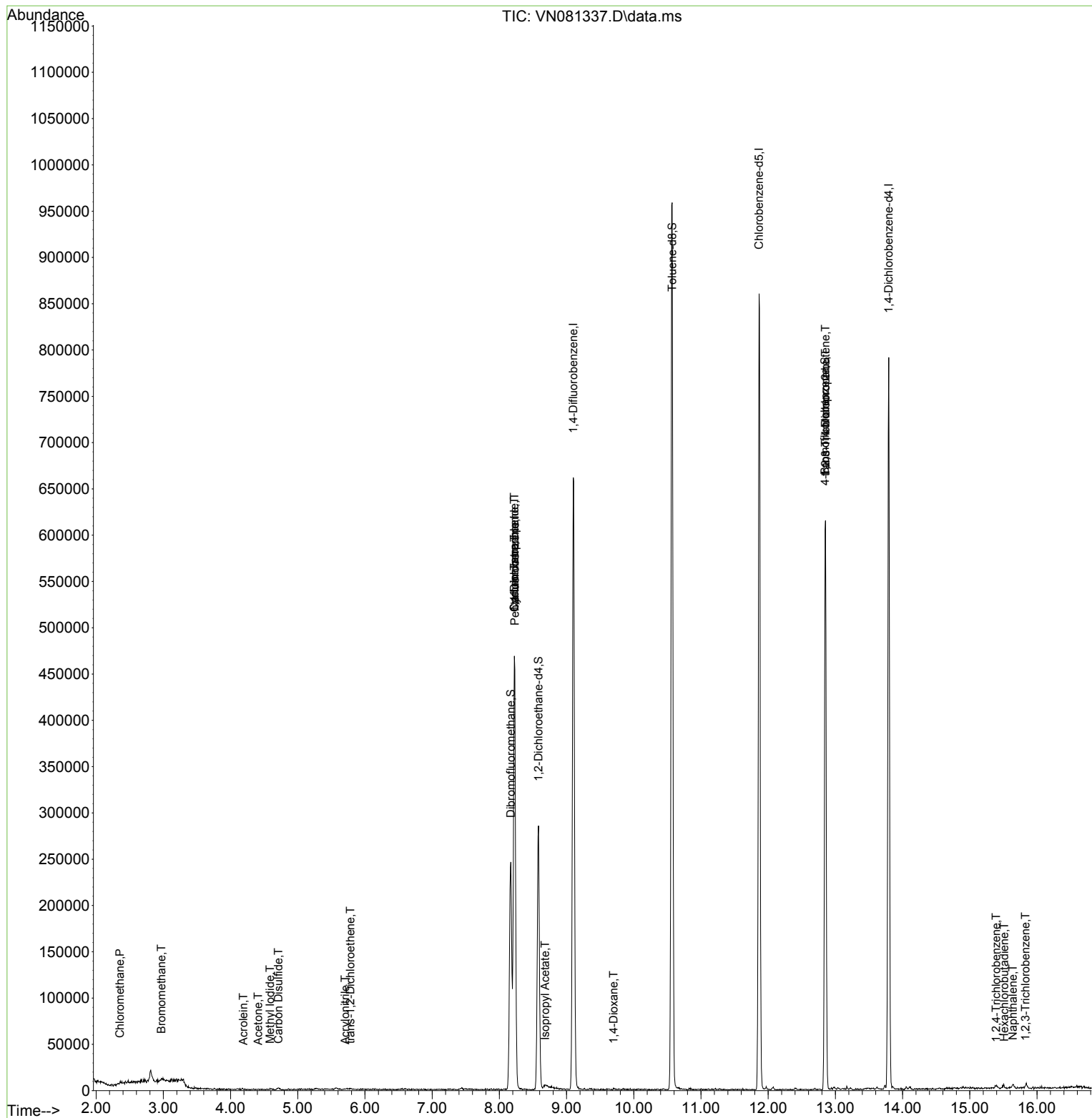
Internal Standards						
1) Pentafluorobenzene	8.229	168	315896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	566676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	490759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223878	49.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.040%
35) Dibromofluoromethane	8.171	113	176933	50.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%
50) Toluene-d8	10.570	98	671047	51.704	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.847	95	212943	46.422	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	1190	0.263	ug/l	93
5) Bromomethane	2.971	94	1967	0.624	ug/l	92
10) Methyl Iodide	4.589	142	1017	0.280	ug/l #	85
13) Acrolein	4.189	56	1005	1.063	ug/l #	54
15) Acrylonitrile	5.706	53	614	0.294	ug/l #	35
16) Acetone	4.412	43	469	0.290	ug/l #	44
17) Carbon Disulfide	4.712	76	4076	0.388	ug/l #	78
20) Methylene Chloride	5.288	84	231	Below Cal	#	32
21) trans-1,2-Dichloroethene	5.783	96	936	0.226	ug/l #	52
31) Cyclohexane	8.224	56	8982	1.299	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	28386	5.068	ug/l #	51
38) Carbon Tetrachloride	8.224	117	36394	6.456	ug/l #	16
43) Isopropyl Acetate	8.682	43	3553	0.371	ug/l #	57
49) 1,4-Dioxane	9.700	88	214	2.292	ug/l #	50
76) 1,2,3-Trichloropropane	12.853	75	119195	25.420	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	119195	70.942	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.394	180	789	0.214	ug/l #	14
94) Hexachlorobutadiene	15.511	225	638	0.419	ug/l	88
95) Naphthalene	15.641	128	5103	0.390	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.829	180	1010	0.271	ug/l #	58

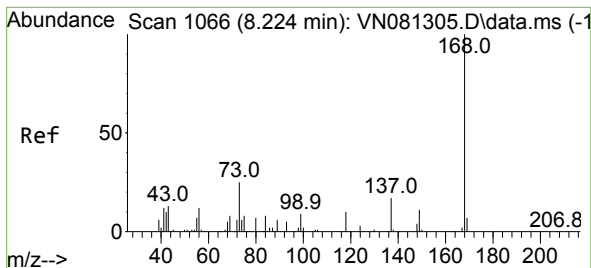
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN081337.D

Acq: 08 Mar 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

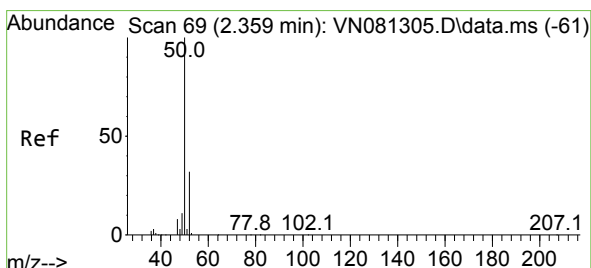
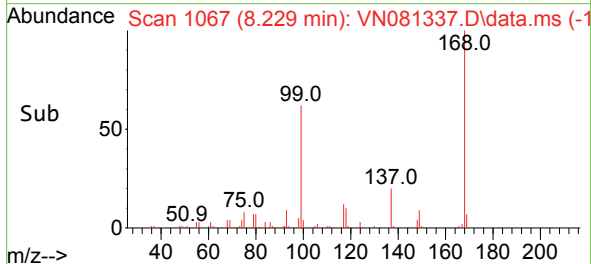
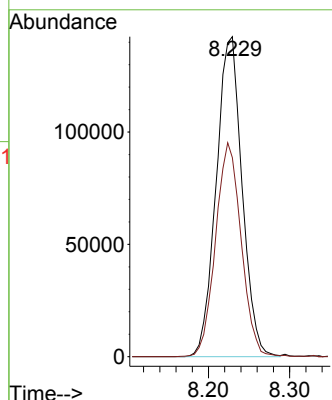
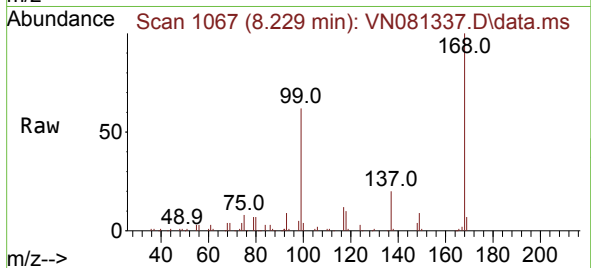
VN0308MBL01

Tgt Ion:168 Resp: 315896

Ion Ratio Lower Upper

168 100

99 62.1 59.9 89.9



#3

Chloromethane

Concen: 0.263 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN081337.D

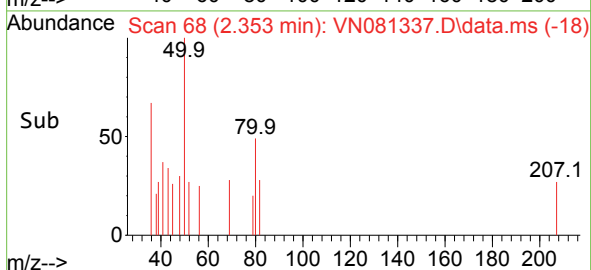
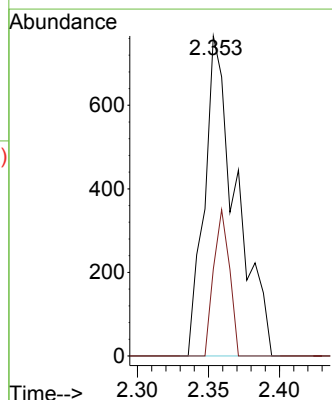
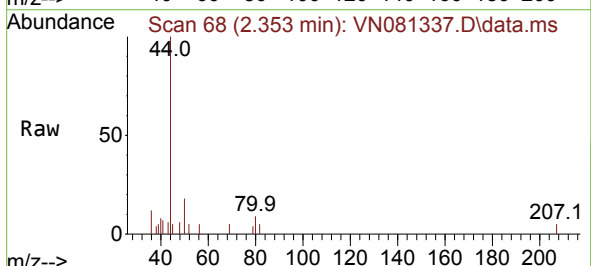
Acq: 08 Mar 2024 10:29

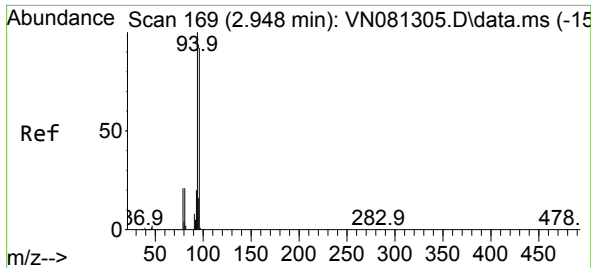
Tgt Ion: 50 Resp: 1190

Ion Ratio Lower Upper

50 100

52 27.2 25.0 37.4

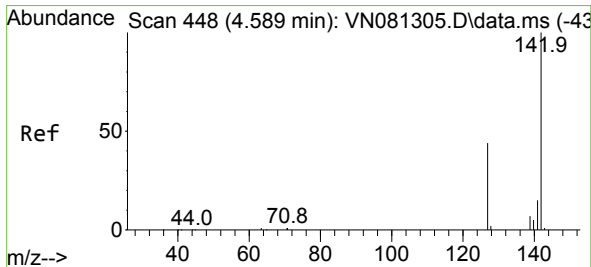
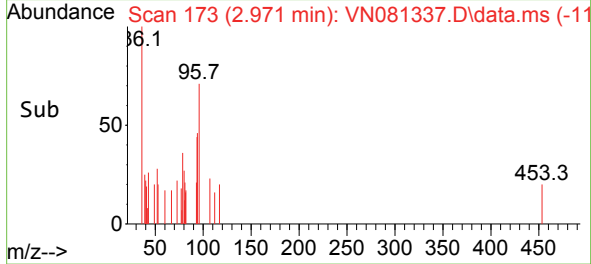
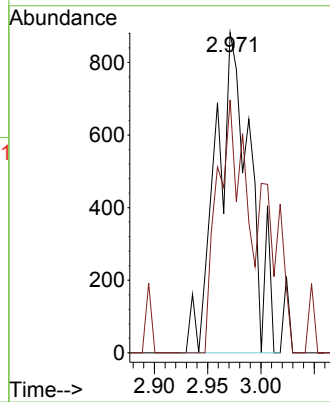
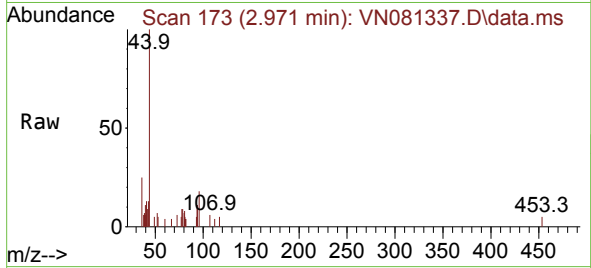




#5
Bromomethane
Concen: 0.624 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

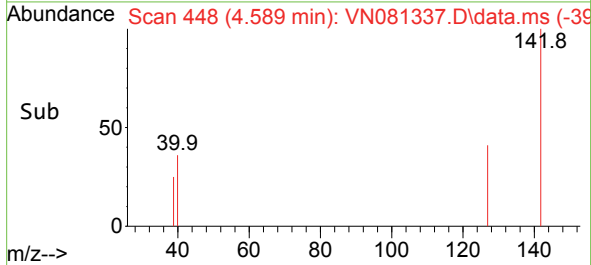
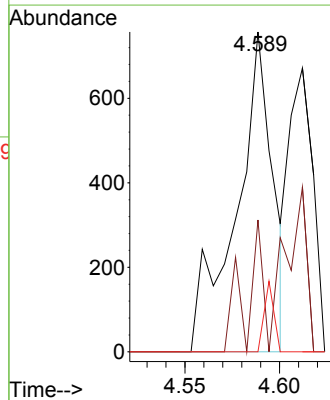
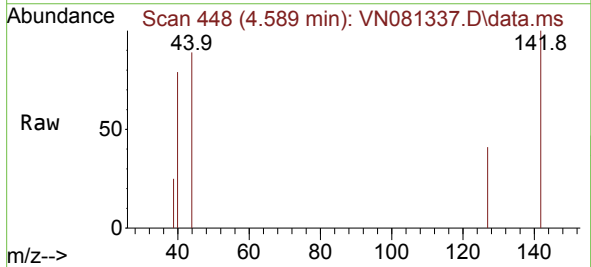
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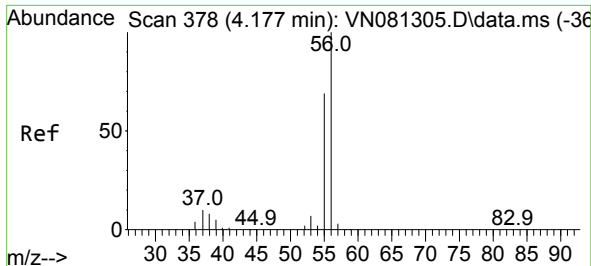
Tgt Ion: 94 Resp: 1967
Ion Ratio Lower Upper
94 100
96 79.0 69.2 103.8



#10
Methyl Iodide
Concen: 0.280 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion: 142 Resp: 1017
Ion Ratio Lower Upper
142 100
127 41.2 37.0 55.4
141 0.0 12.5 18.7#

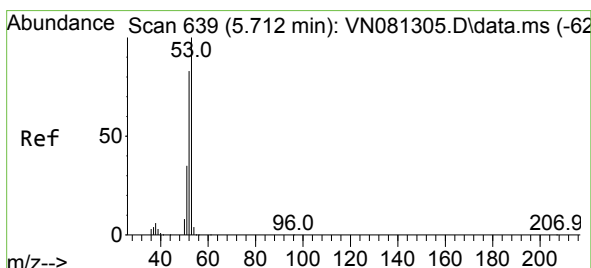
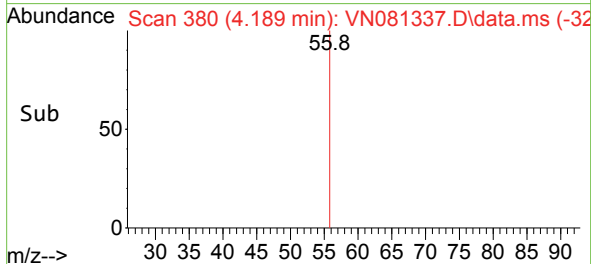
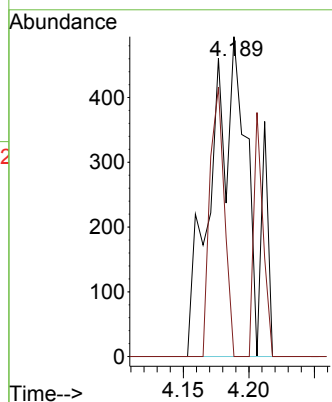
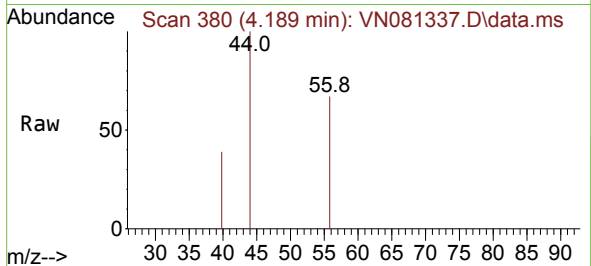




#13
Acrolein
Concen: 1.063 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

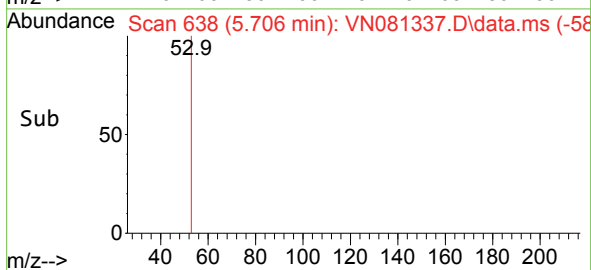
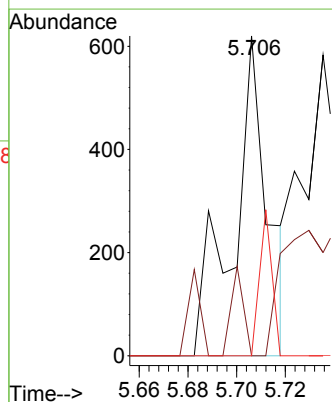
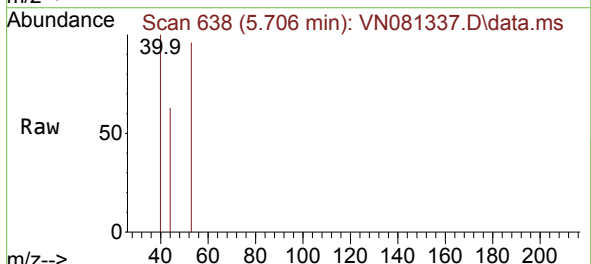
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBL01

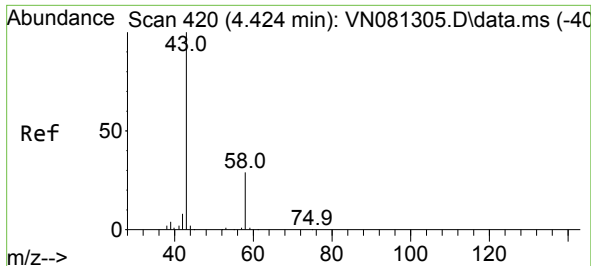
Tgt Ion: 56 Resp: 1005
Ion Ratio Lower Upper
56 100
55 31.9 55.3 82.9#



#15
Acrylonitrile
Concen: 0.294 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion: 53 Resp: 614
Ion Ratio Lower Upper
53 100
52 9.9 64.8 97.2#
51 16.3 26.9 40.3#

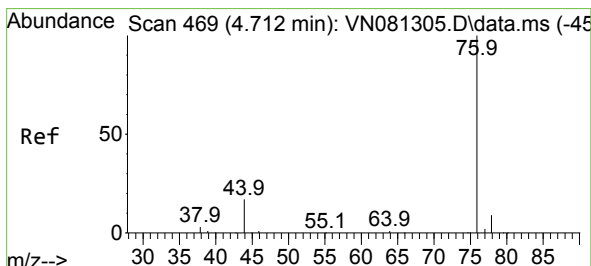
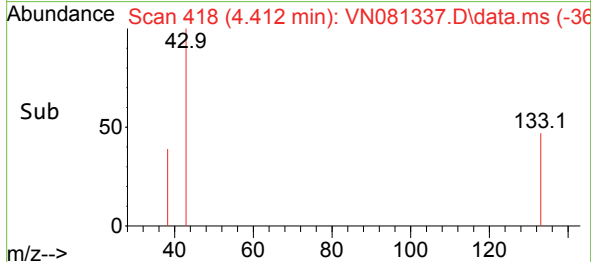
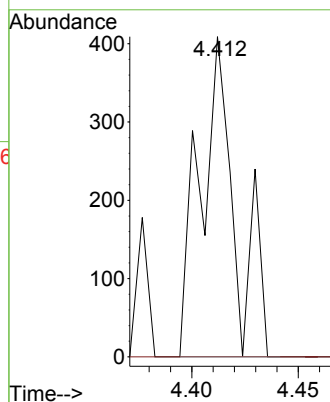
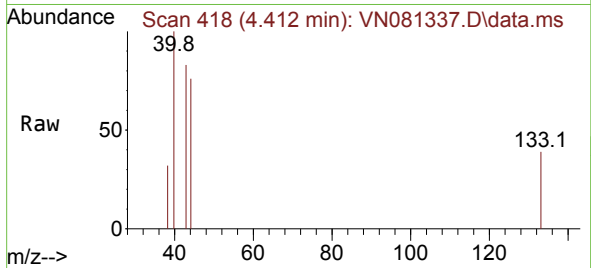




#16
Acetone
Concen: 0.290 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

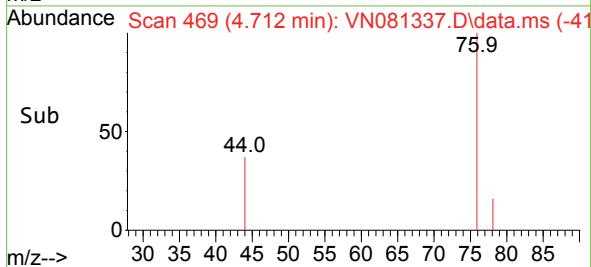
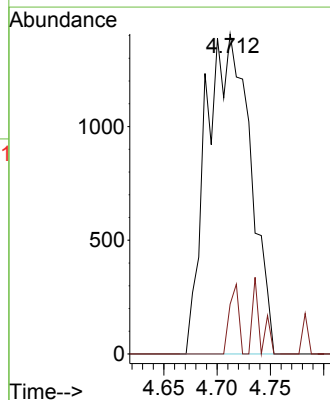
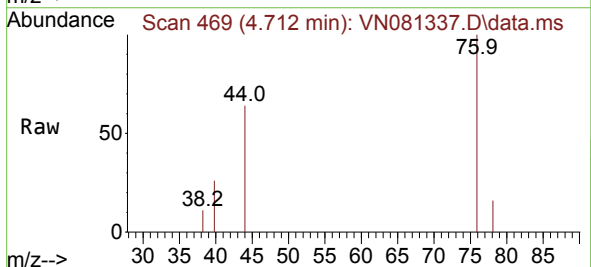
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBL01

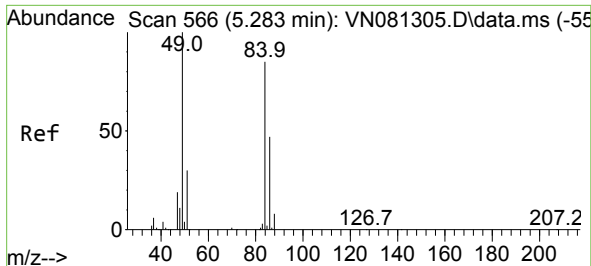
Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.388 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion: 76 Resp: 4076
Ion Ratio Lower Upper
76 100
78 15.6 6.3 9.5#

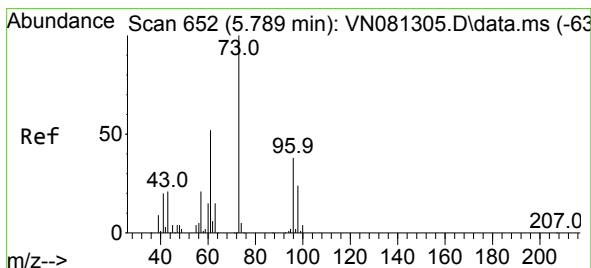
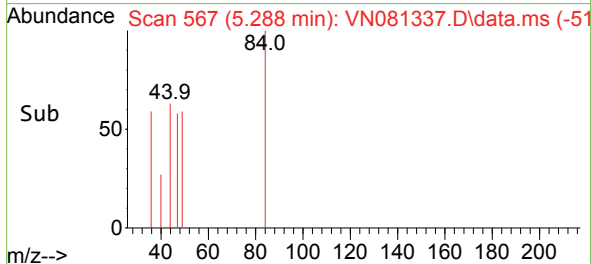
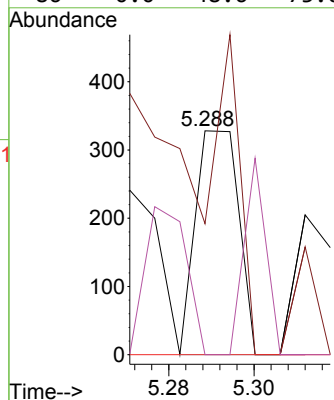
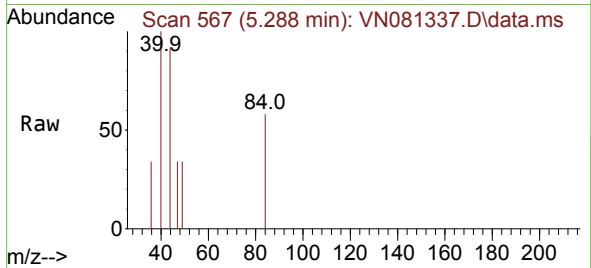




#20
Methylene Chloride
Concen: Below Cal
RT: 5.288 min Scan# 501
Delta R.T. 0.005 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

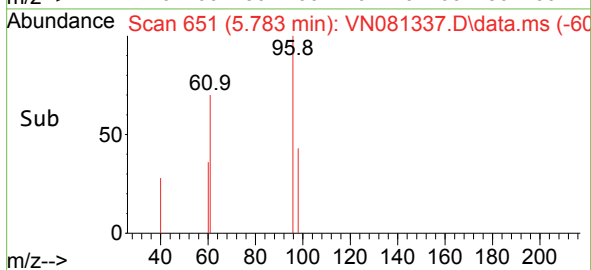
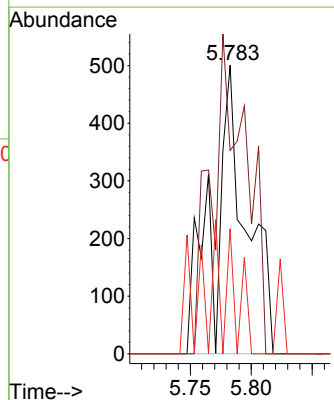
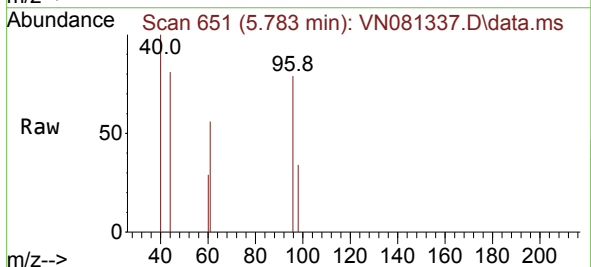
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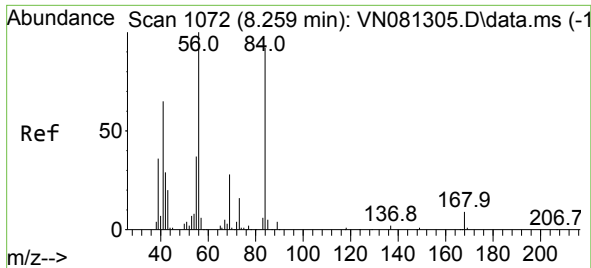
Tgt Ion:	84	Resp:	231
Ion	Ratio	Lower	Upper
84	100		
49	58.5	108.1	162.1#
51	0.0	32.9	49.3#
86	0.0	48.6	73.0#



#21
trans-1,2-Dichloroethene
Concen: 0.226 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion:	96	Resp:	936
Ion	Ratio	Lower	Upper
96	100		
61	70.5	112.8	169.2#
98	43.3	51.0	76.4#

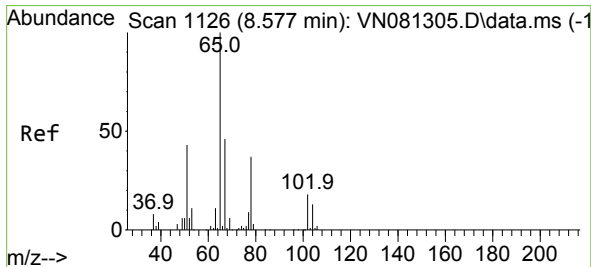
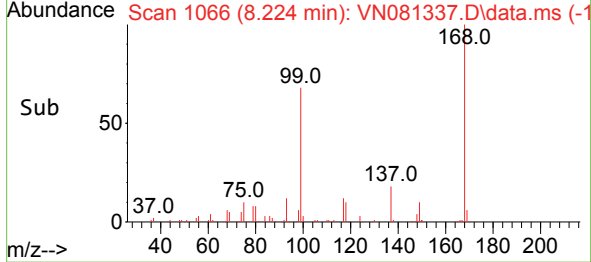
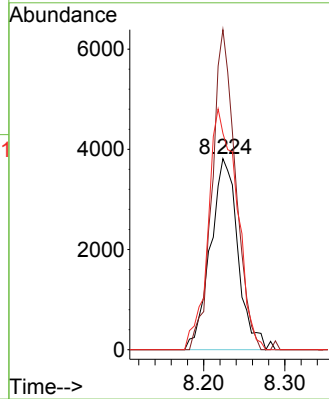
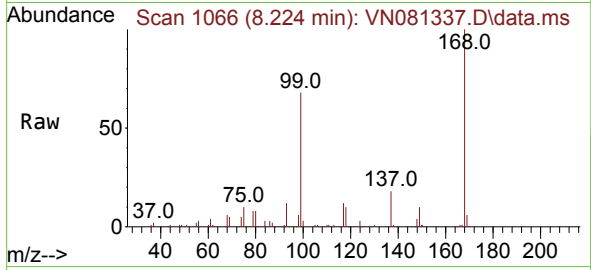




#31
Cyclohexane
Concen: 1.299 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

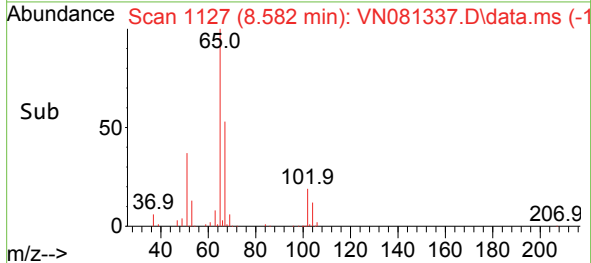
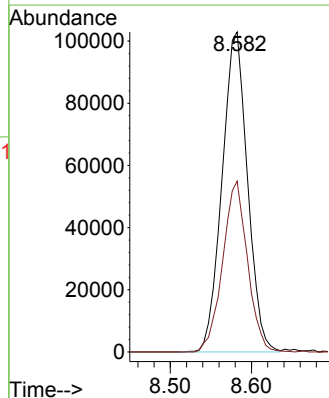
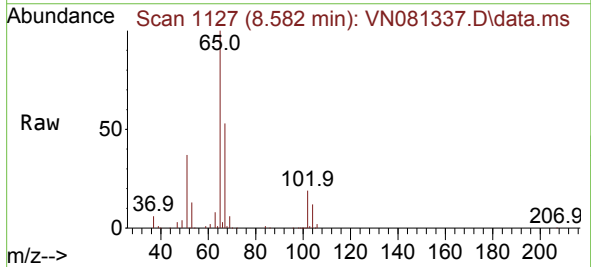
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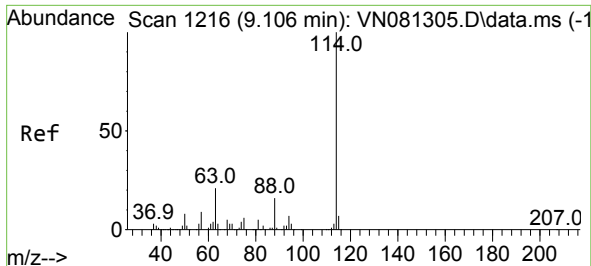
Tgt Ion: 56 Resp: 8982
Ion Ratio Lower Upper
56 100
69 167.5 20.1 30.1#
84 113.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.015 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion: 65 Resp: 223878
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

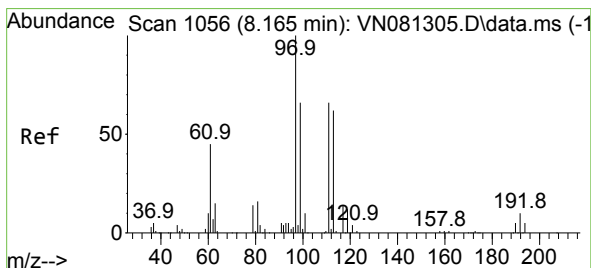
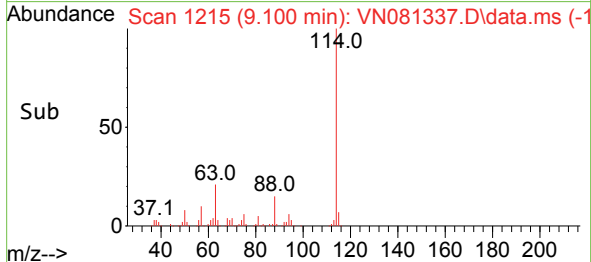
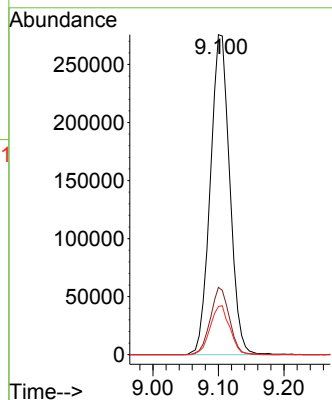
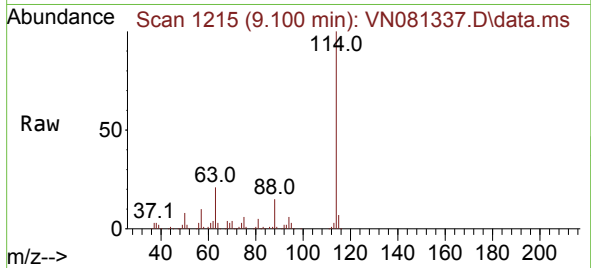




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

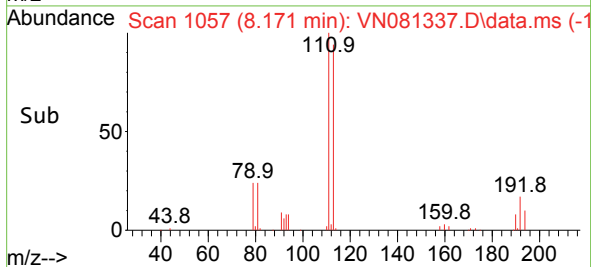
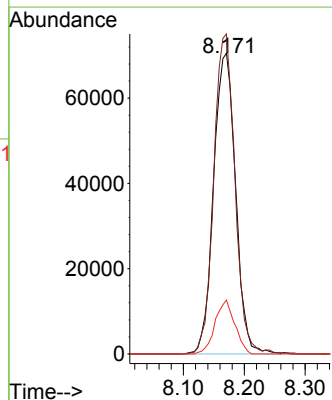
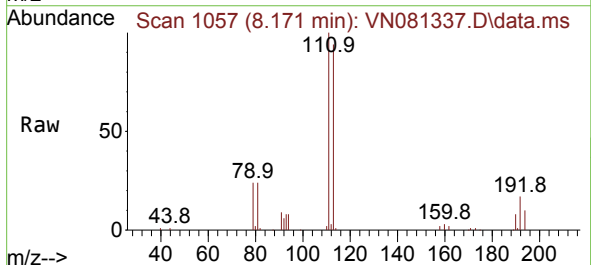
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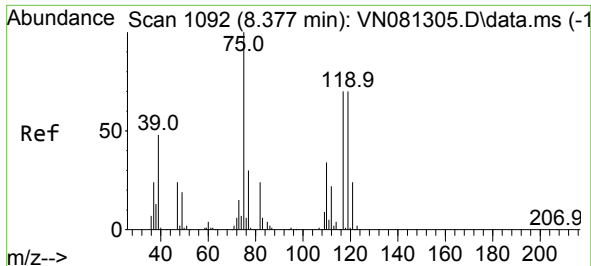
Tgt Ion:114 Resp: 566676
Ion Ratio Lower Upper
114 100
63 21.1 0.0 48.0
88 15.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion:113 Resp: 176933
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.1 12.5 18.7

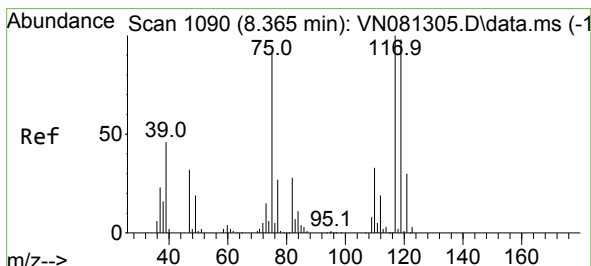
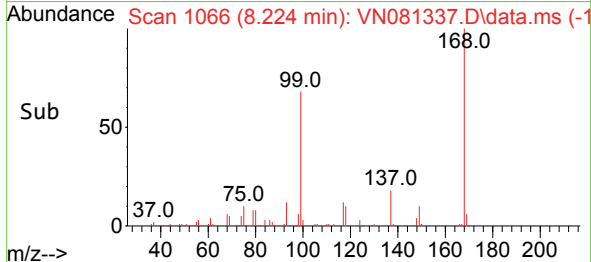
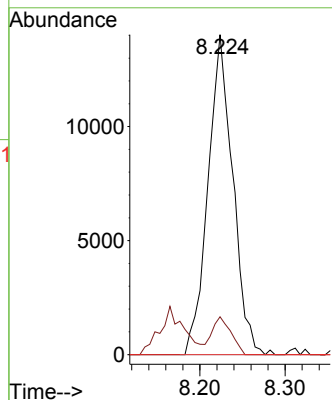
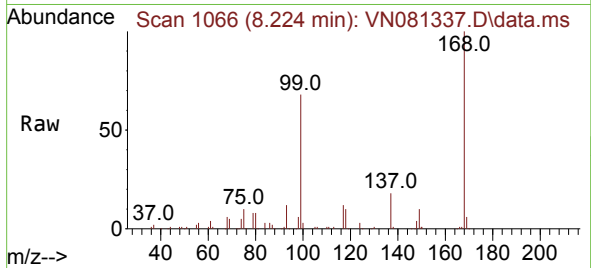




#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

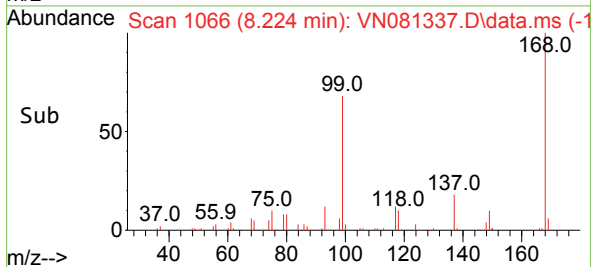
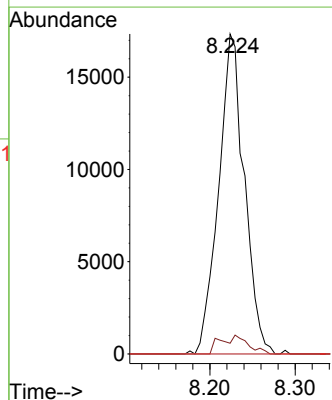
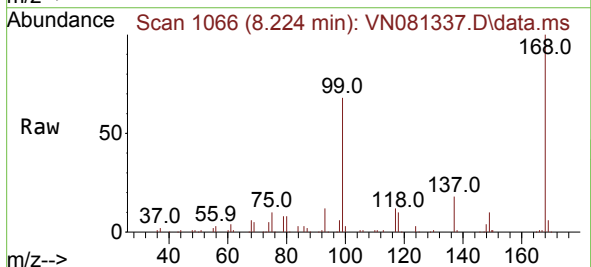
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBL01

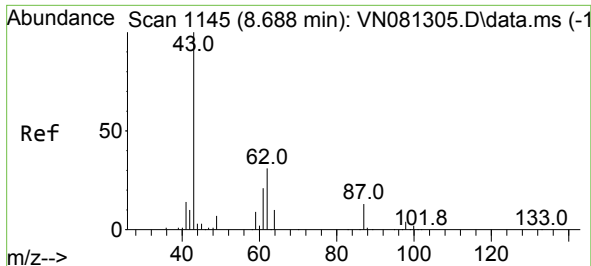
Tgt Ion: 75 Resp: 28386
Ion Ratio Lower Upper
75 100
110 8.9 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.456 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion: 117 Resp: 36394
Ion Ratio Lower Upper
117 100
119 3.3 73.4 110.2#
121 0.0 24.4 36.6#

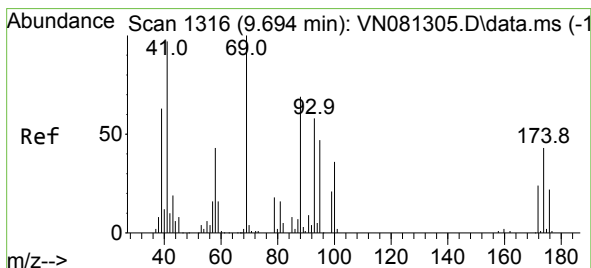
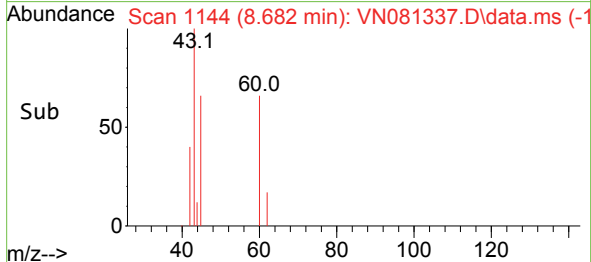
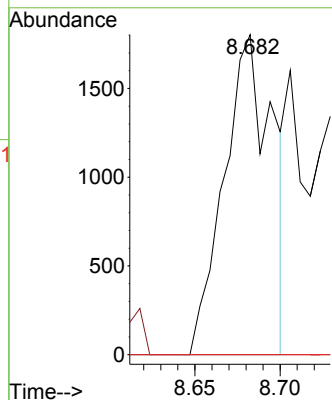
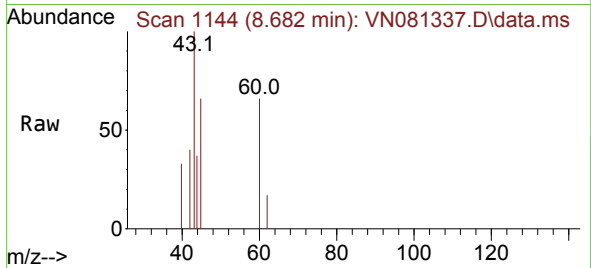




#43
Isopropyl Acetate
Concen: 0.371 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

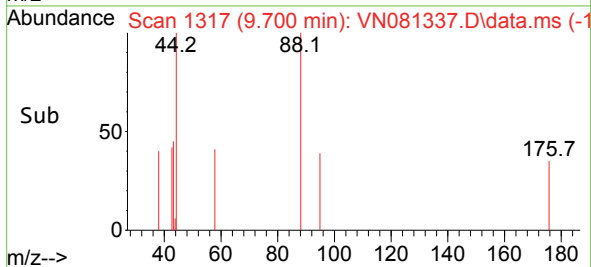
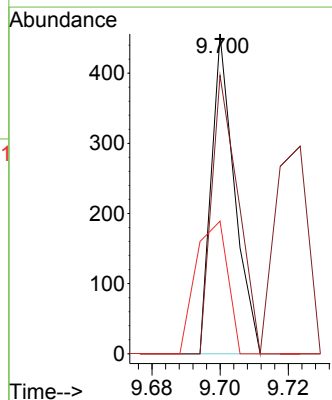
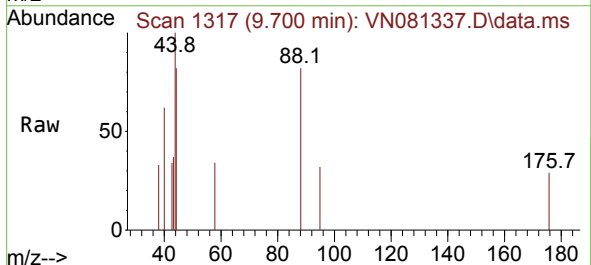
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBL01

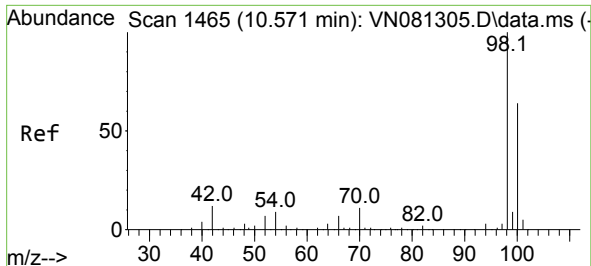
Tgt Ion: 43 Resp: 3553
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#49
1,4-Dioxane
Concen: 2.292 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion: 88 Resp: 214
Ion Ratio Lower Upper
88 100
43 99.5 30.1 45.1#
58 57.5 63.9 95.9#

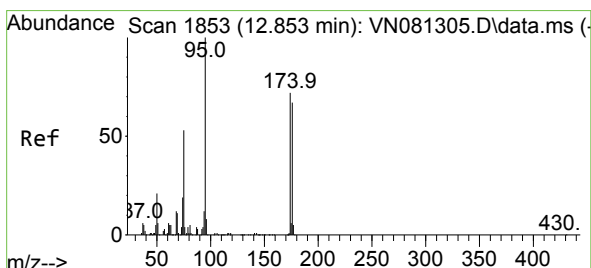
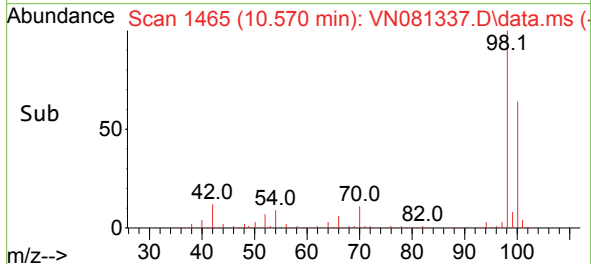
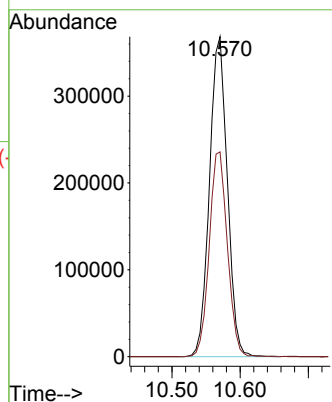
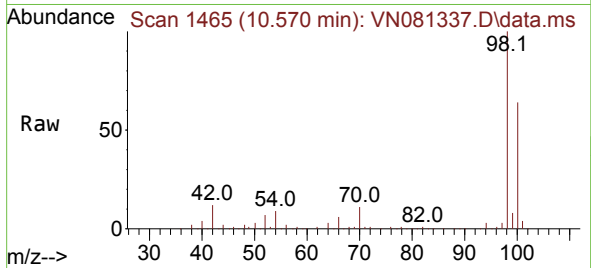




#50
Toluene-d8
Concen: 51.704 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

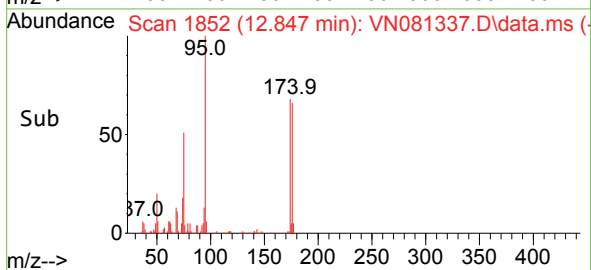
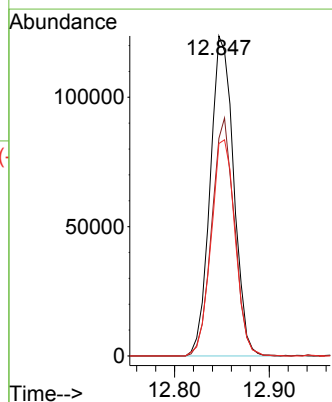
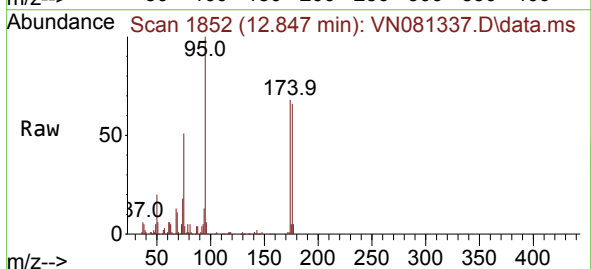
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBL01

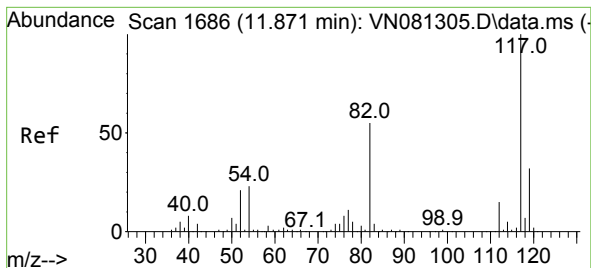
Tgt Ion: 98 Resp: 671047
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.422 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion: 95 Resp: 212943
Ion Ratio Lower Upper
95 100
174 71.8 0.0 120.4
176 69.2 0.0 121.0

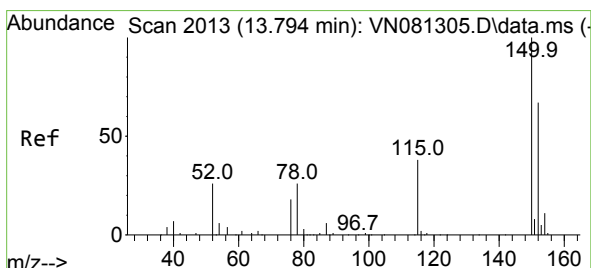
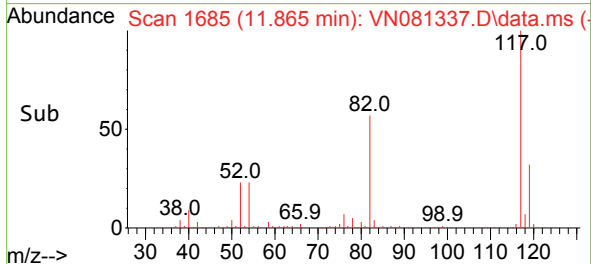
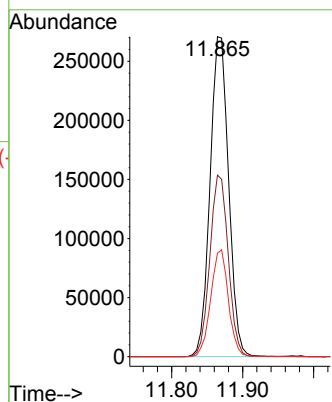
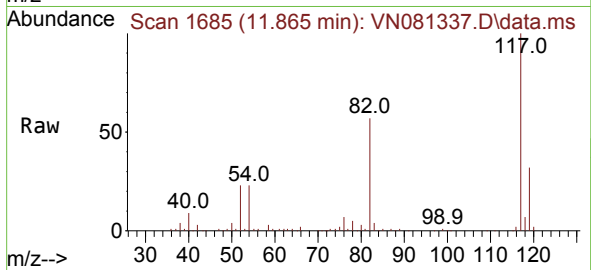




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

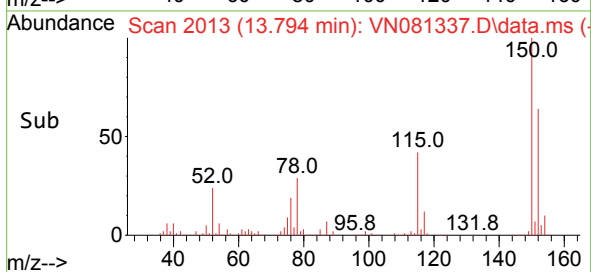
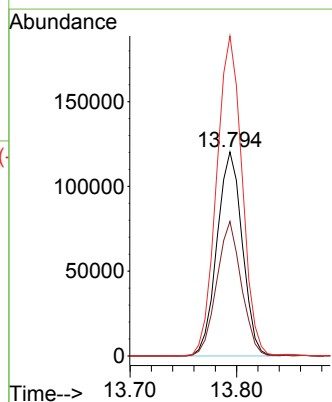
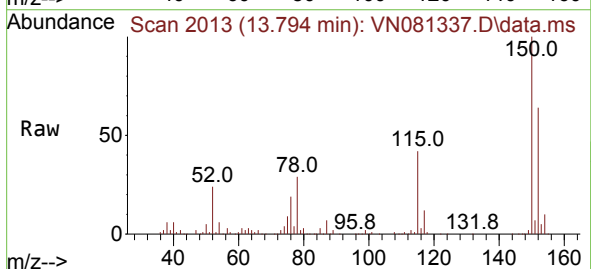
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBL01

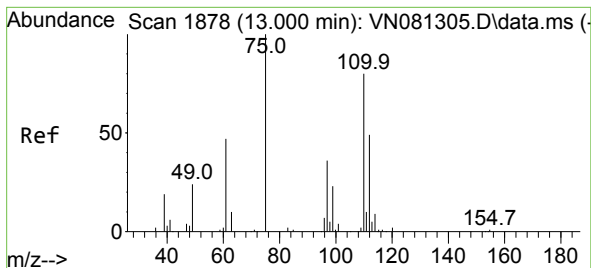
Tgt Ion:117 Resp: 490759
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 32.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081337.D
Acq: 08 Mar 2024 10:29

Tgt Ion:152 Resp: 198525
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 158.2 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 25.420 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081337.D

Acq: 08 Mar 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

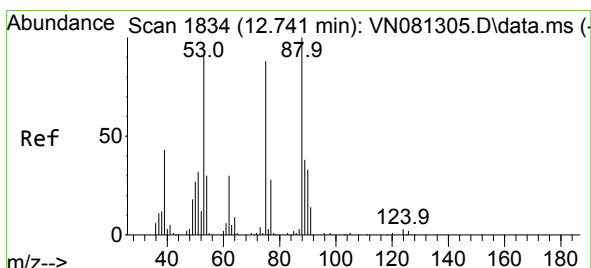
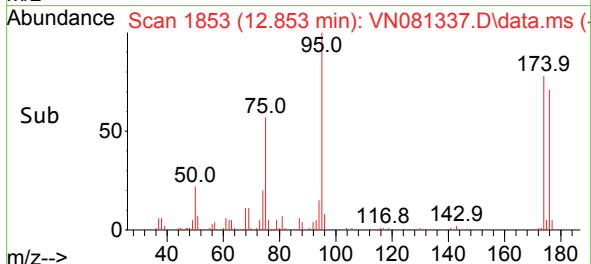
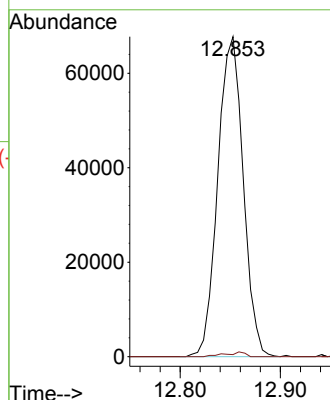
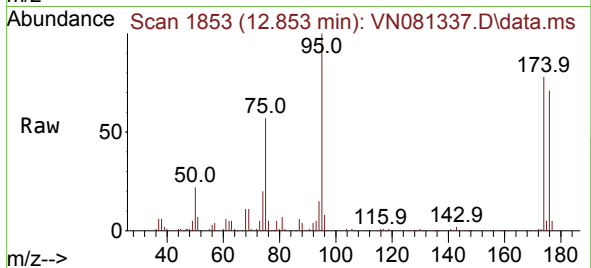
VN0308MBL01

Tgt Ion: 75 Resp: 119195

Ion Ratio Lower Upper

75 100

77 1.2 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.942 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081337.D

Acq: 08 Mar 2024 10:29

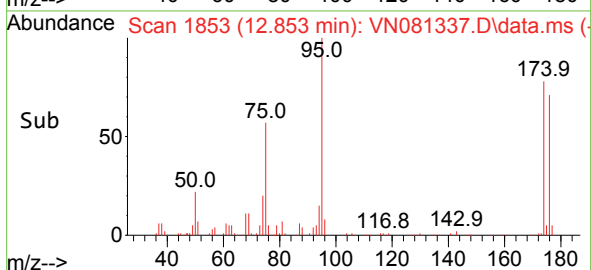
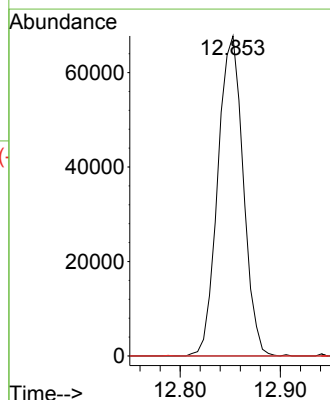
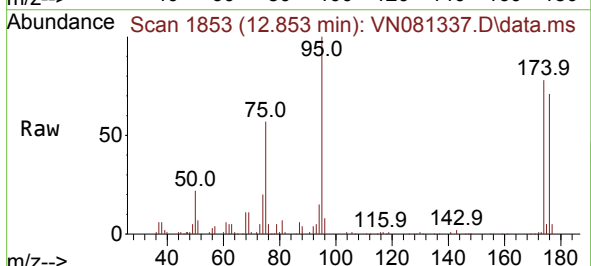
Tgt Ion: 75 Resp: 119195

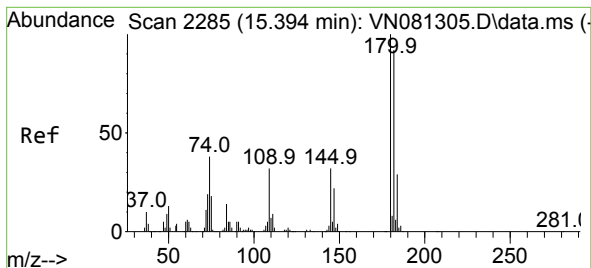
Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.214 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081337.D

Acq: 08 Mar 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBL01

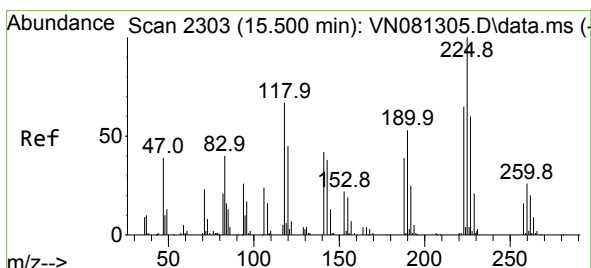
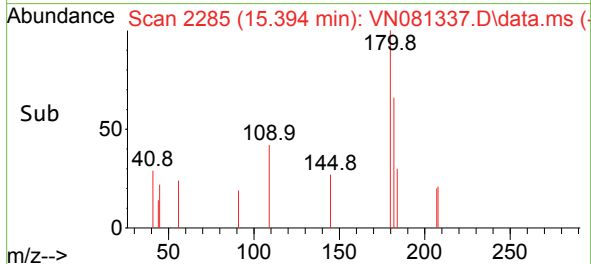
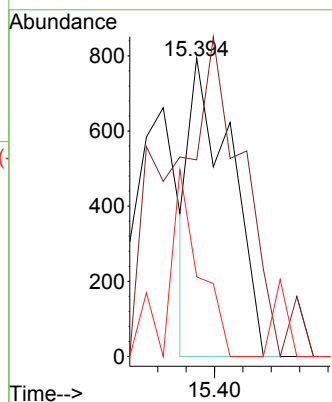
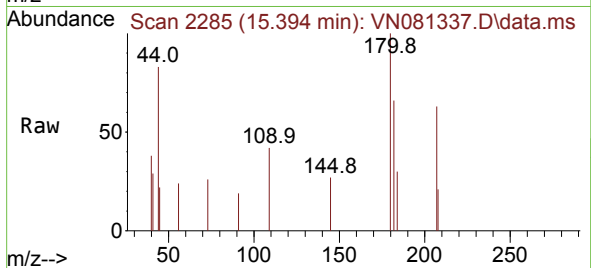
Tgt Ion:180 Resp: 789

Ion Ratio Lower Upper

180 100

182 196.6 46.6 139.7#

145 48.0 16.8 50.3



#94

Hexachlorobutadiene

Concen: 0.419 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.012 min

Lab File: VN081337.D

Acq: 08 Mar 2024 10:29

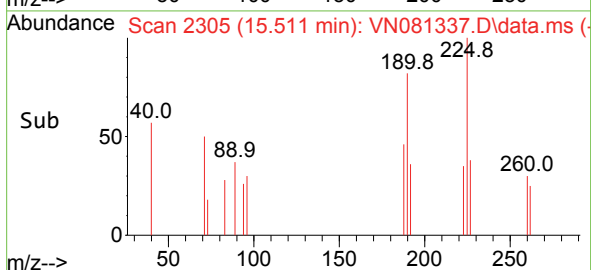
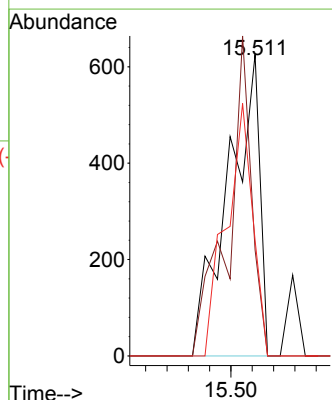
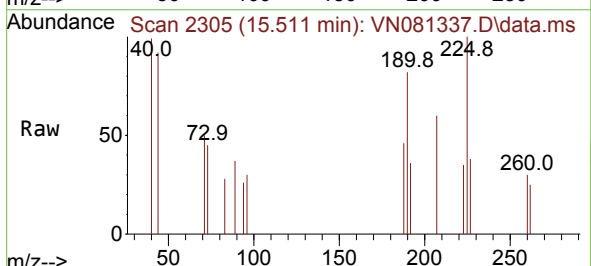
Tgt Ion:225 Resp: 638

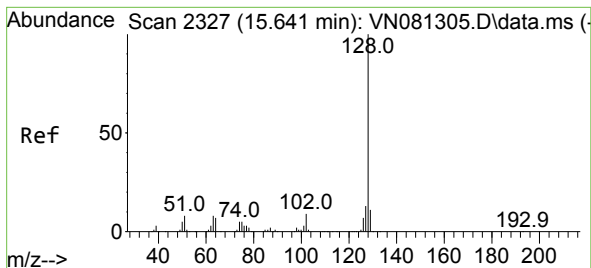
Ion Ratio Lower Upper

225 100

223 80.1 33.3 99.8

227 71.0 33.1 99.2





#95

Naphthalene

Concen: 0.390 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081337.D

Acq: 08 Mar 2024 10:29

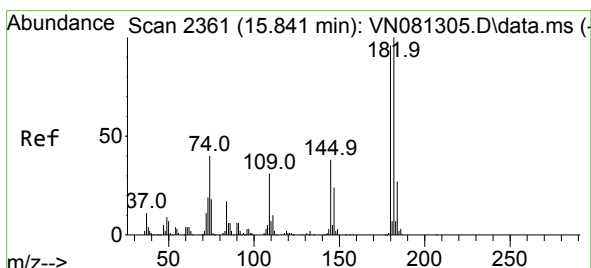
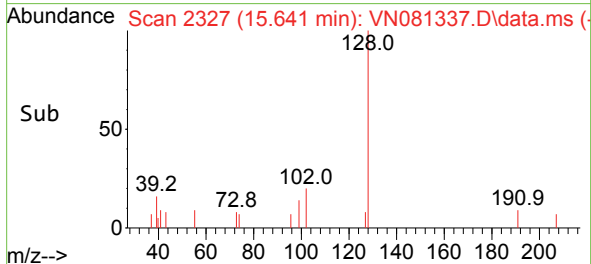
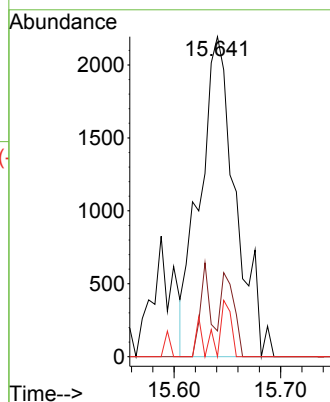
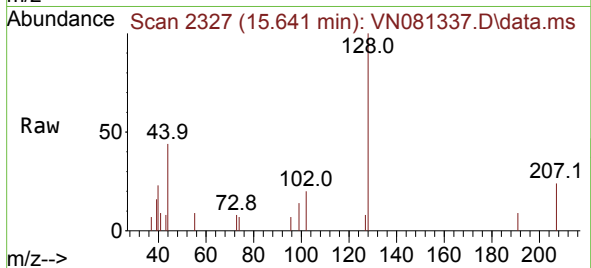
Instrument :

MSVOA_N

ClientSampleId :

VN0308MBL01

Tgt Ion:128	Resp:	5103
Ion	Ratio	Lower Upper
128	100	
127	9.4	10.0 15.0#
129	6.1	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.271 ug/l

RT: 15.829 min Scan# 2359

Delta R.T. -0.012 min

Lab File: VN081337.D

Acq: 08 Mar 2024 10:29

Tgt Ion:180	Resp:	1010
Ion	Ratio	Lower Upper
180	100	
182	59.0	46.5 139.3
145	0.0	17.8 53.4#

