

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079463.D
 Acq On : 09 Oct 2023 11:25
 Operator : JC\MD
 Sample : VN1009WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 23:11:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	236908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	455862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	384014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214632	55.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.760%	
35) Dibromofluoromethane	8.171	113	168169	51.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	10.571	98	574471	48.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.920%	
62) 4-Bromofluorobenzene	12.853	95	137145	36.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 72.100%#	

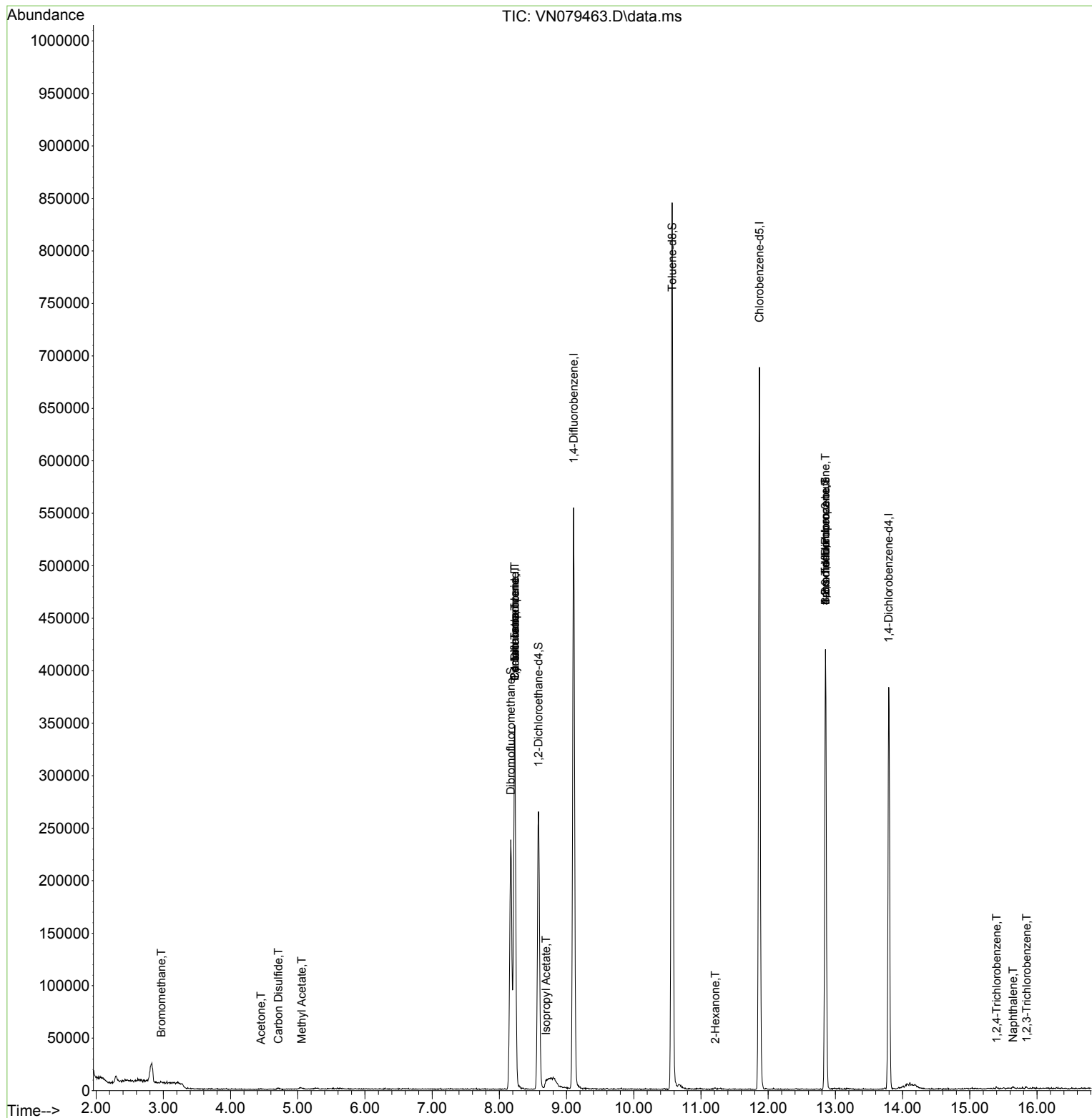
Target Compounds			Qvalue			
5) Bromomethane	2.971	94	1398	0.530	ug/l #	63
16) Acetone	4.453	43	708	0.465	ug/l	96
17) Carbon Disulfide	4.712	76	2061	0.236	ug/l #	75
18) Methyl Acetate	5.059	43	2604	0.349	ug/l #	42
20) Methylene Chloride	5.283	84	741	Below Cal	#	20
31) Cyclohexane	8.230	56	6457	1.185	ug/l #	52
36) 1,1-Dichloropropene	8.230	75	22835	4.644	ug/l #	47
38) Carbon Tetrachloride	8.230	117	26286	5.340	ug/l #	14
43) Isopropyl Acetate	8.694	43	3779	0.441	ug/l #	49
59) 2-Hexanone	11.212	43	1212	0.347	ug/l	68
71) Bromoform	12.853	173	1242	0.542	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.941	83	280	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	78928	26.935	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	78928	78.153	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.400	180	620	0.558	ug/l #	41
95) Naphthalene	15.647	128	1910	0.563	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.847	180	842	0.635	ug/l #	48

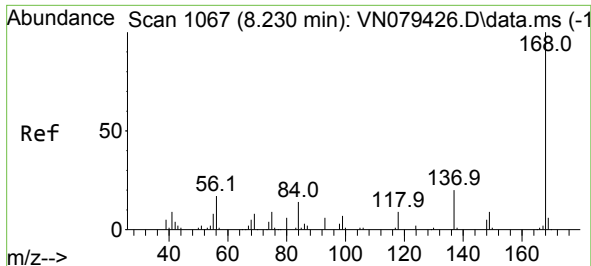
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN079463.D
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Sample : VN1009WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

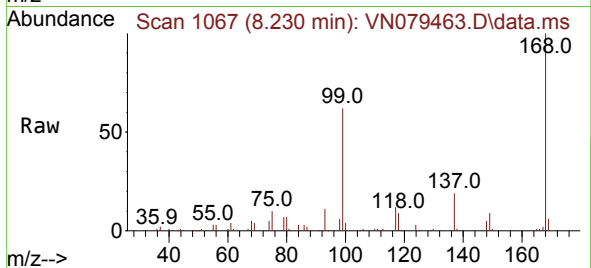
Quant Time: Oct 09 23:11:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



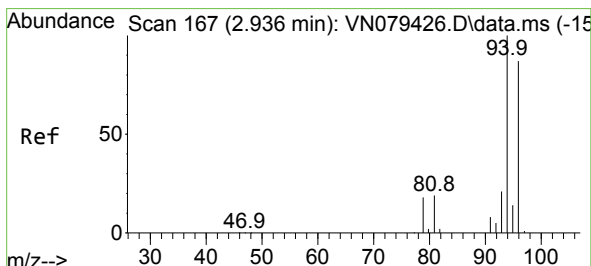
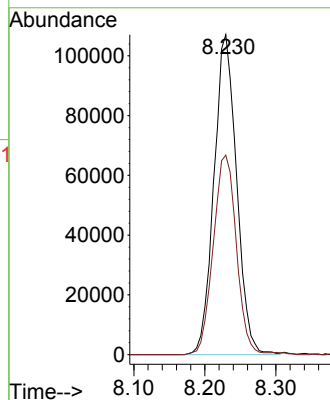
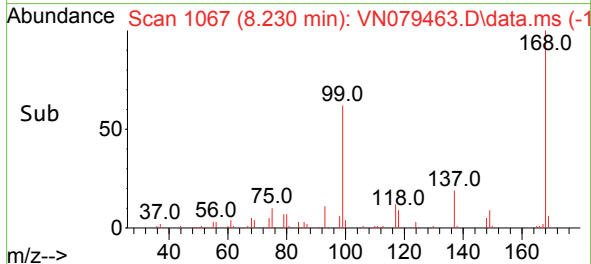


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :

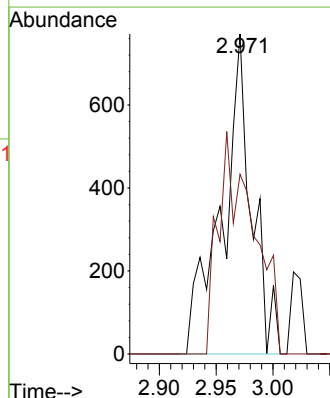
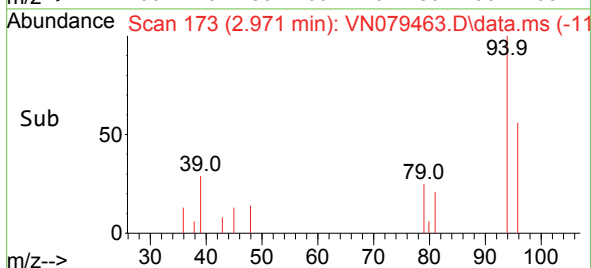
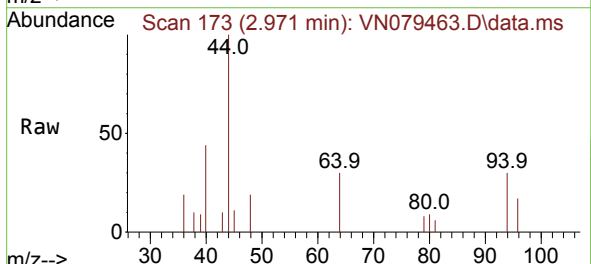


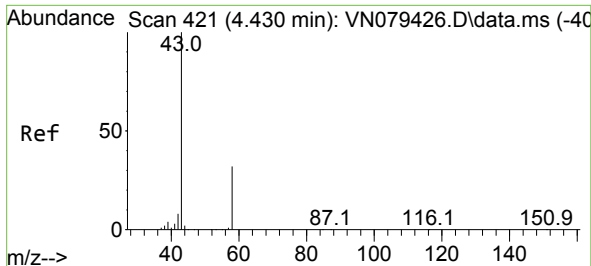
Tgt Ion:168 Resp: 236908
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#5
Bromomethane
Concen: 0.530 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.035 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

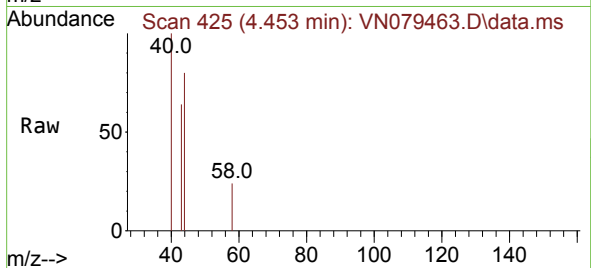
Tgt Ion: 94 Resp: 1398
Ion Ratio Lower Upper
94 100
96 56.2 73.1 109.7#



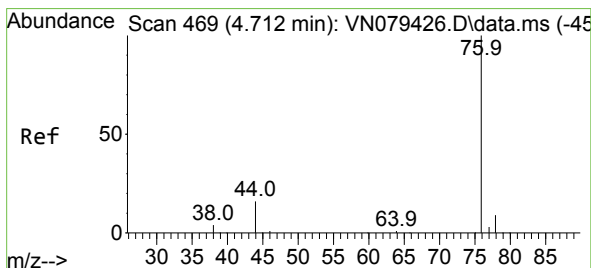
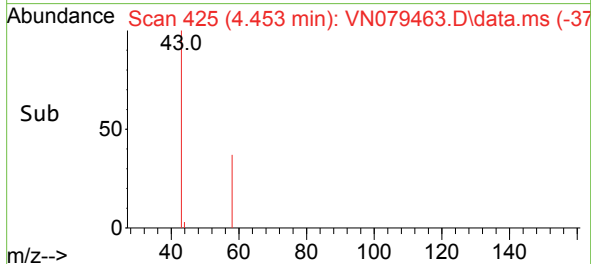
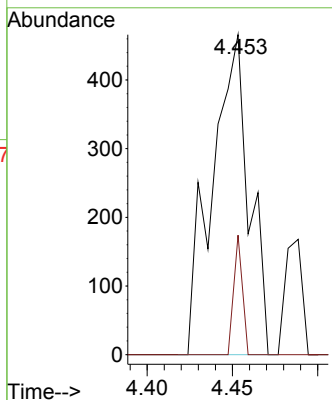


#16
Acetone
Concen: 0.465 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :

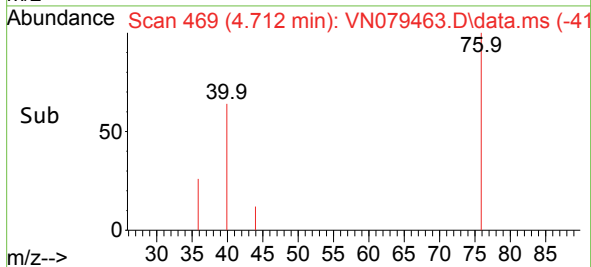
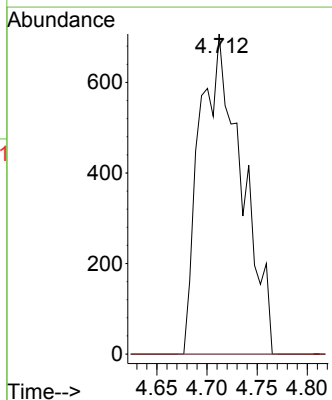
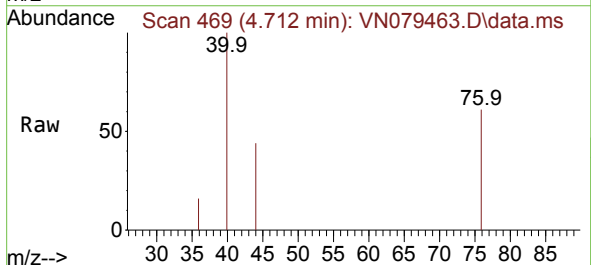


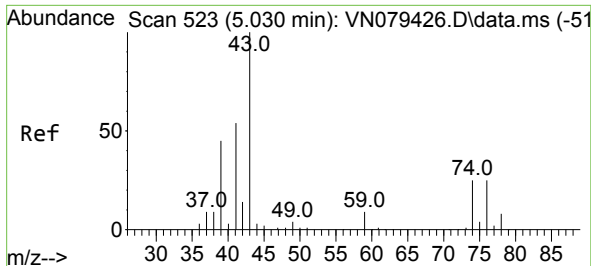
Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
58 37.3 28.0 42.0



#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Tgt Ion: 76 Resp: 2061
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

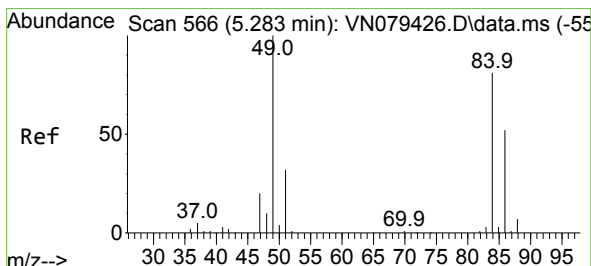
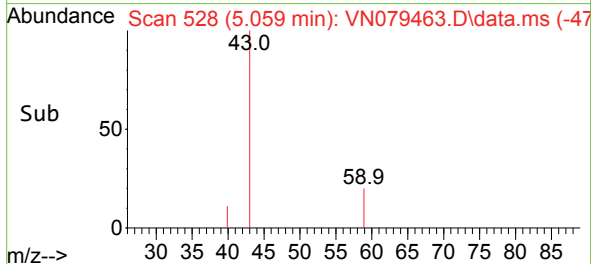
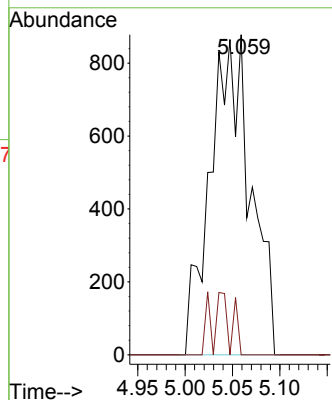
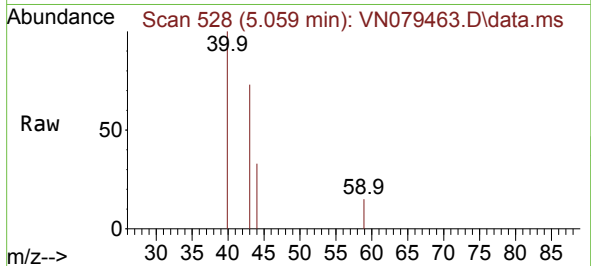




#18
Methyl Acetate
Concen: 0.349 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.029 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

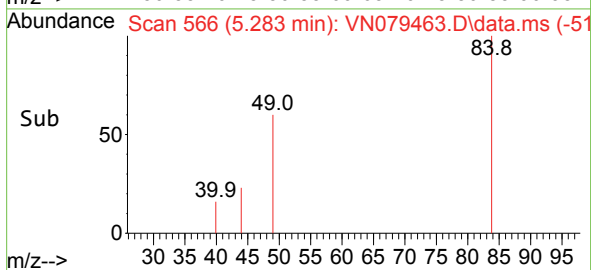
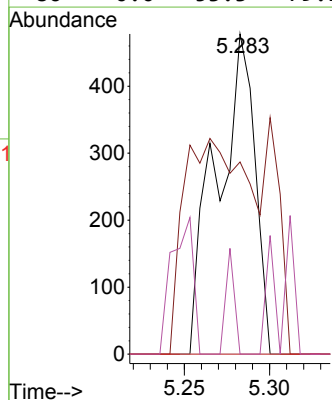
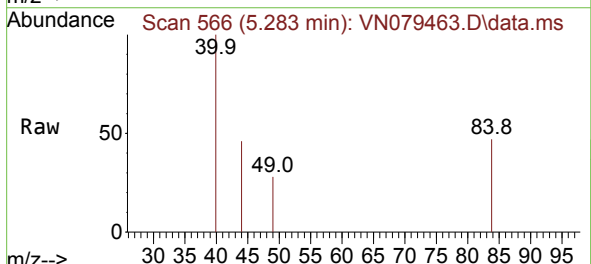
Instrument :
MSVOA_N
ClientSampleId :

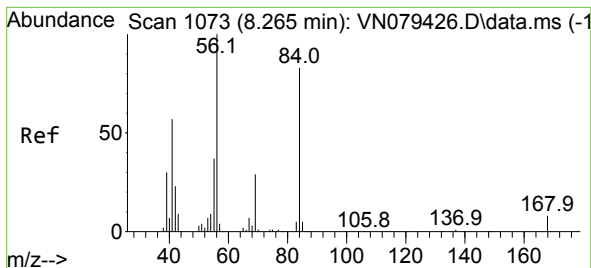
Tgt Ion: 43 Resp: 2604
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Tgt Ion: 84 Resp: 741
Ion Ratio Lower Upper
84 100
49 15.7 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#





#31

Cyclohexane

Concen: 1.185 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

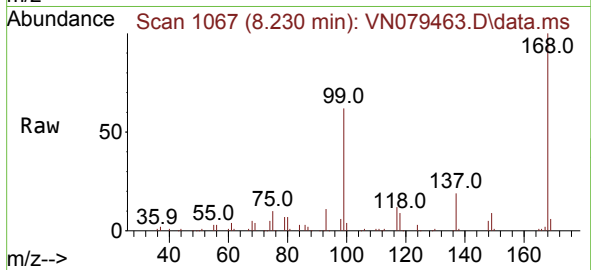
Lab File: VN079463.D

Acq: 09 Oct 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :



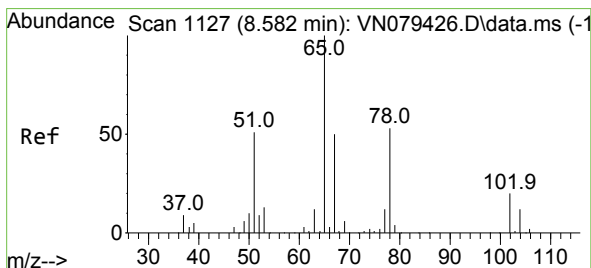
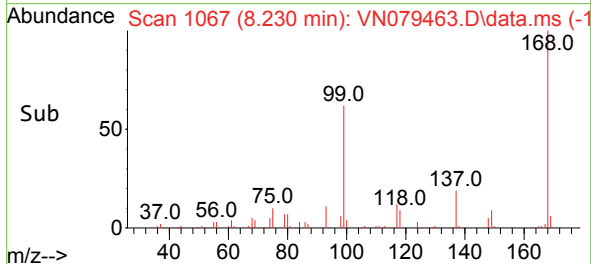
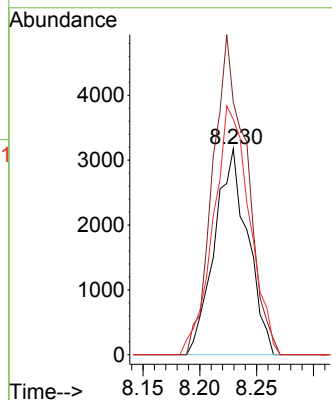
Tgt Ion: 56 Resp: 6457

Ion Ratio Lower Upper

56 100

69 122.5 26.8 40.2#

84 114.2 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 55.875 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079463.D

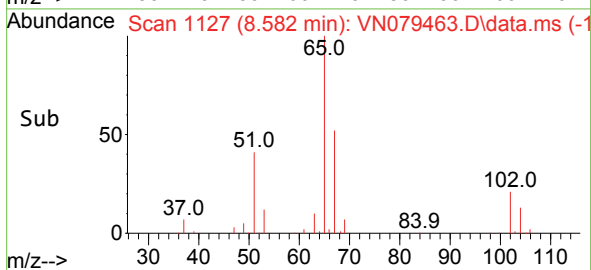
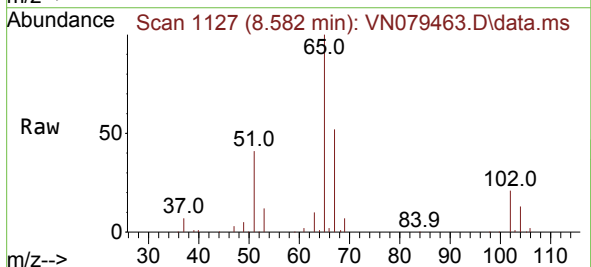
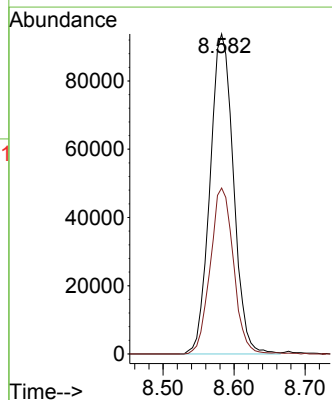
Acq: 09 Oct 2023 11:25

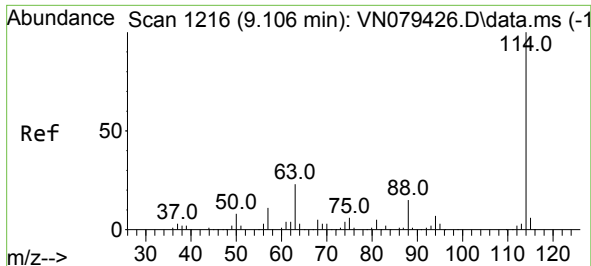
Tgt Ion: 65 Resp: 214632

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079463.D

Acq: 09 Oct 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

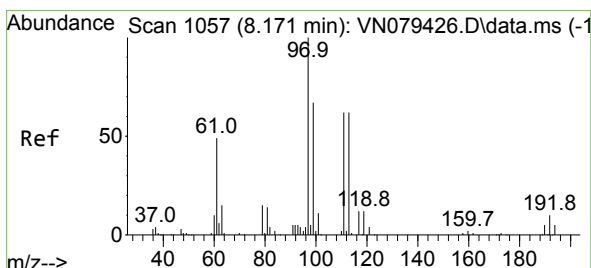
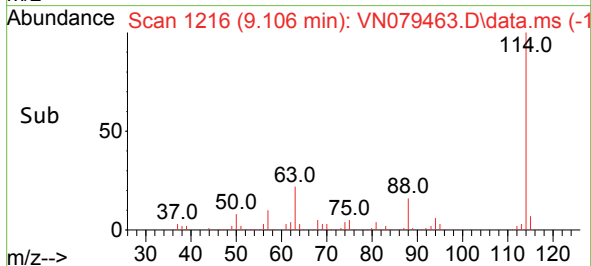
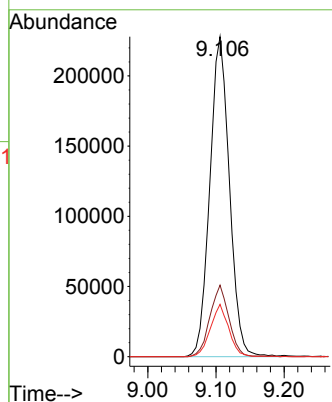
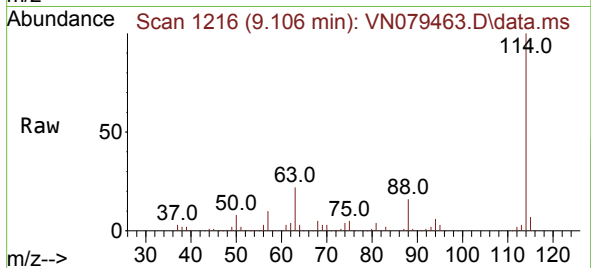
Tgt Ion:114 Resp: 455862

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.334 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079463.D

Acq: 09 Oct 2023 11:25

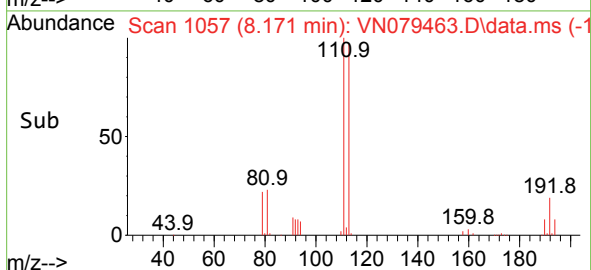
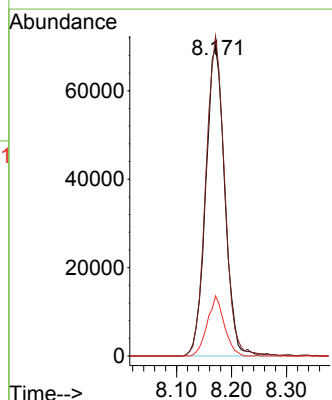
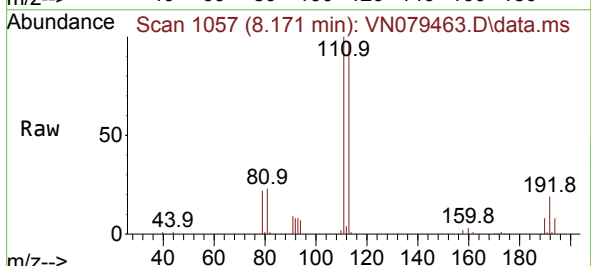
Tgt Ion:113 Resp: 168169

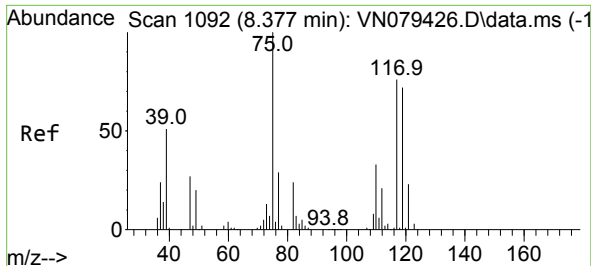
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

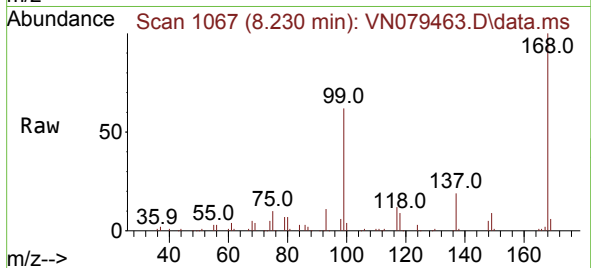
192 17.3 12.7 19.1



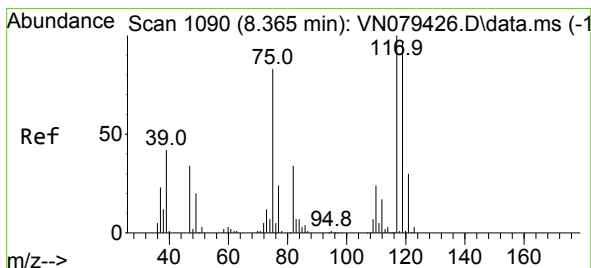
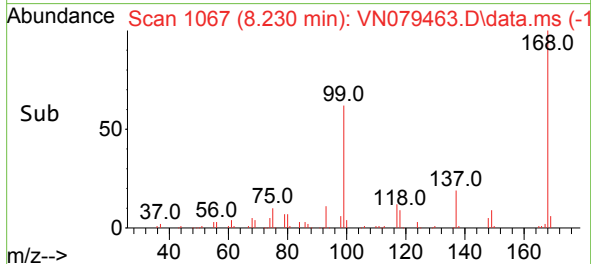
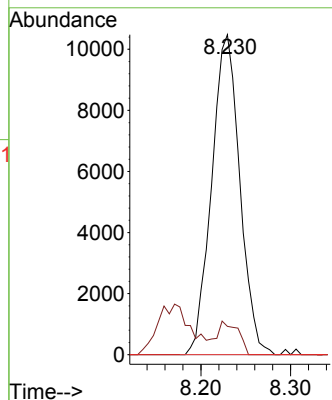


#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :

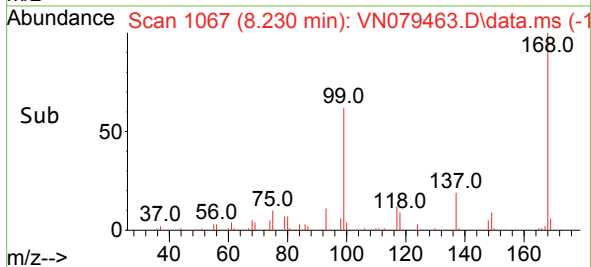
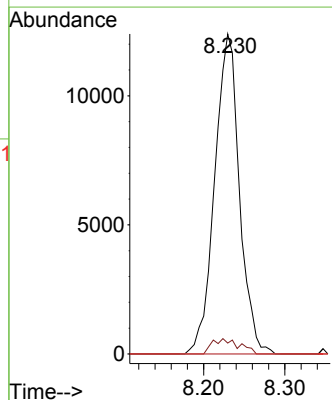
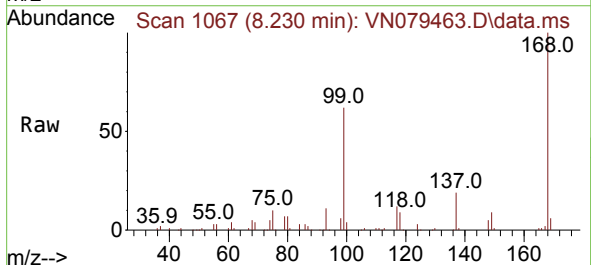


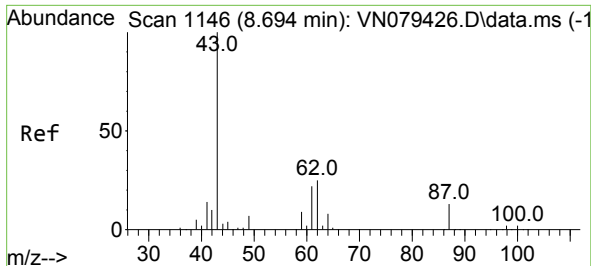
Tgt Ion: 75 Resp: 22835
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Tgt Ion: 117 Resp: 26286
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 23.3 34.9#

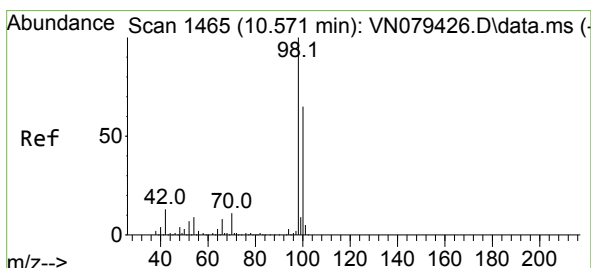
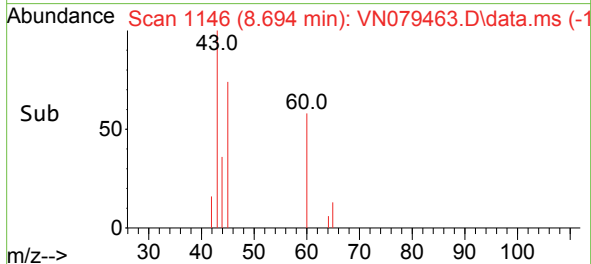
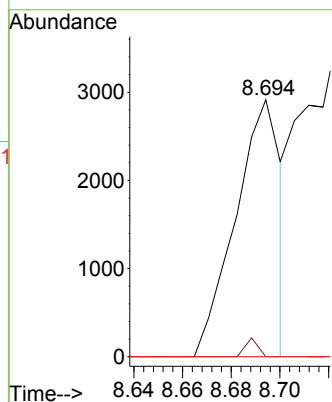
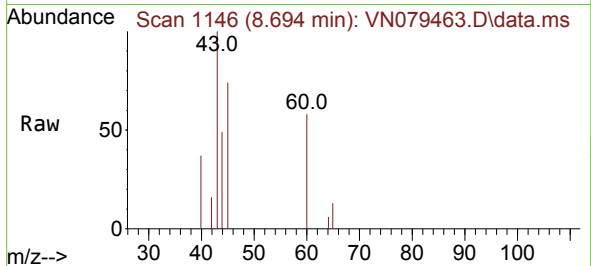




#43
Isopropyl Acetate
Concen: 0.441 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

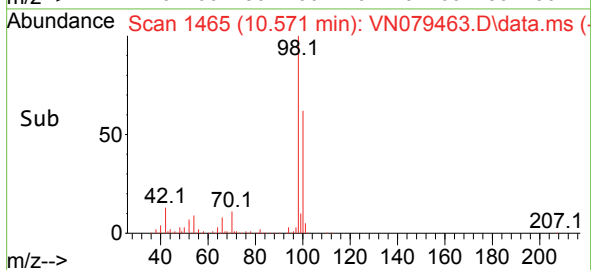
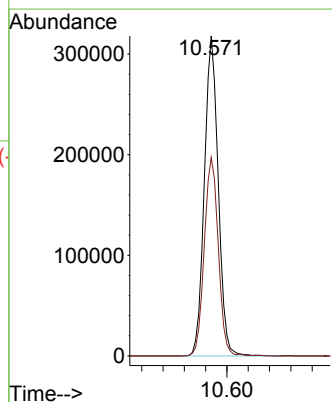
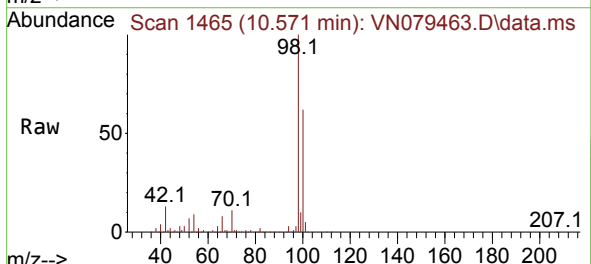
Instrument :
MSVOA_N
ClientSampleId :

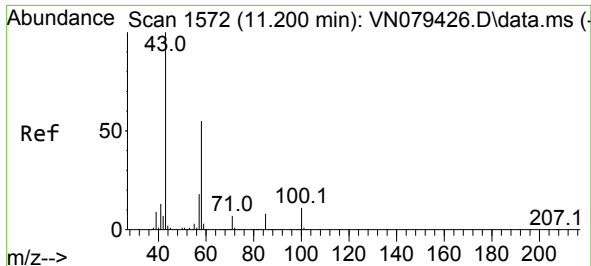
Tgt Ion: 43 Resp: 3779
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 48.464 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Tgt Ion: 98 Resp: 574471
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

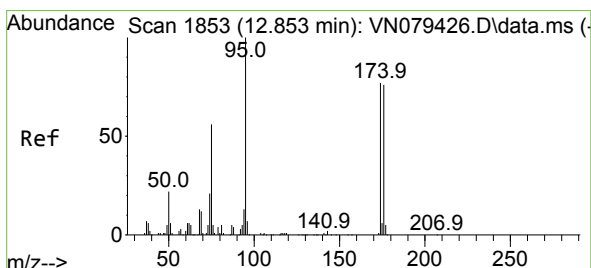
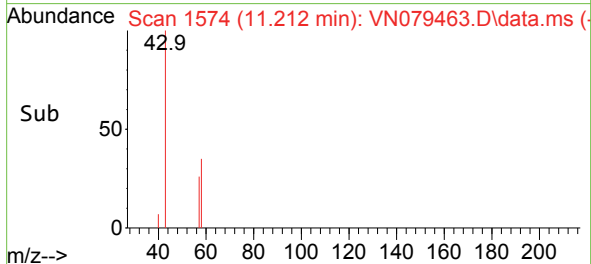
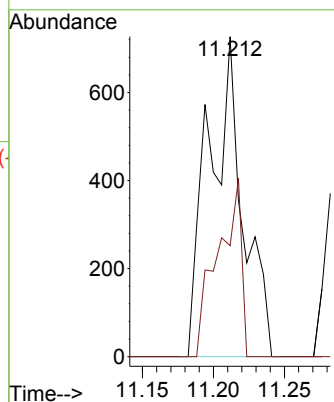
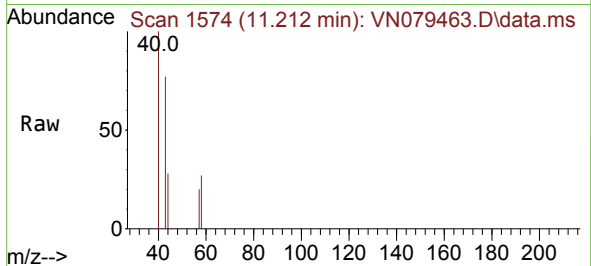




#59
2-Hexanone
Concen: 0.347 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

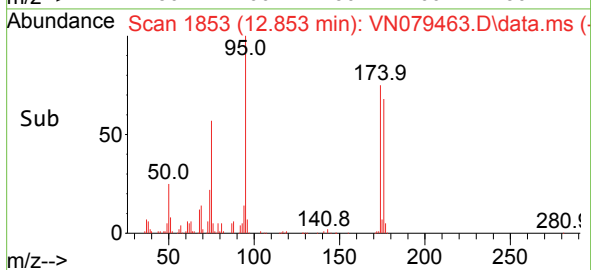
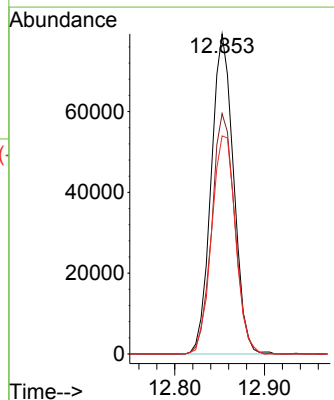
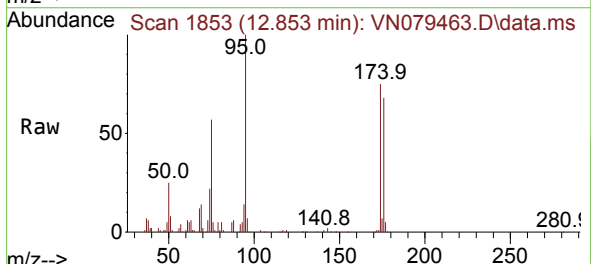
Instrument :
MSVOA_N
ClientSampleId :

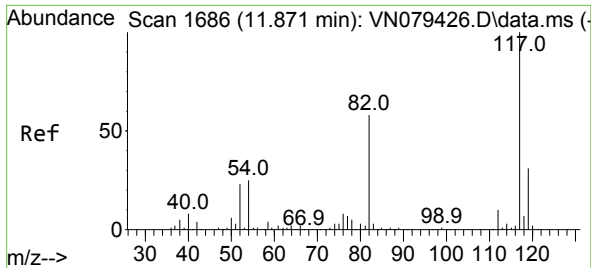
Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 38.4 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 36.053 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Tgt Ion: 95 Resp: 137145
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 72.8 0.0 135.8

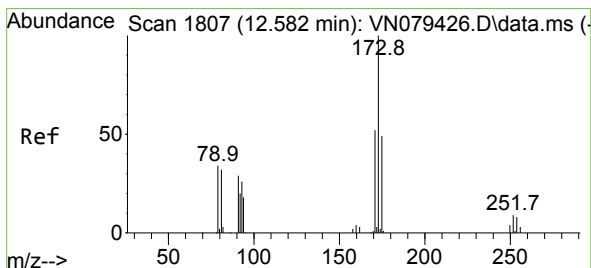
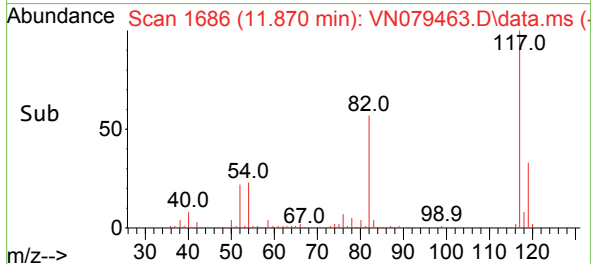
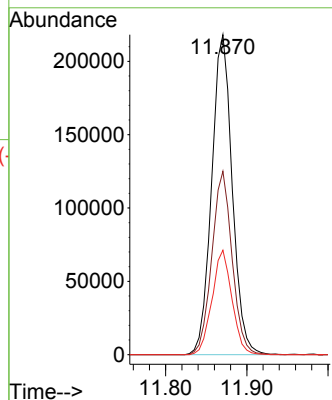
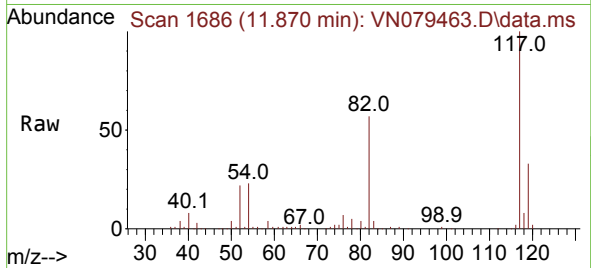




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

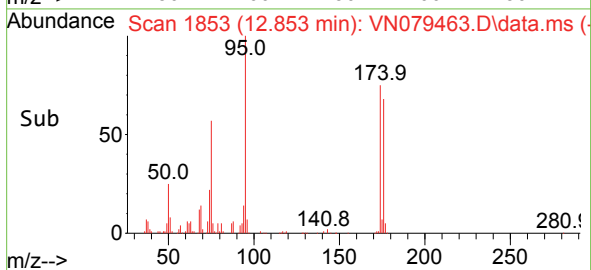
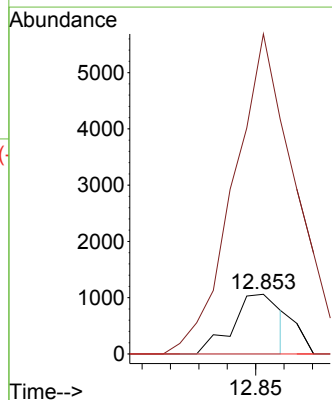
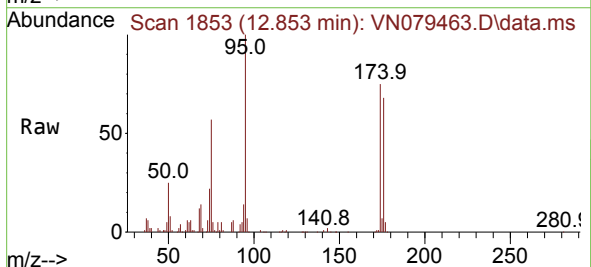
Instrument :
MSVOA_N
ClientSampleId :

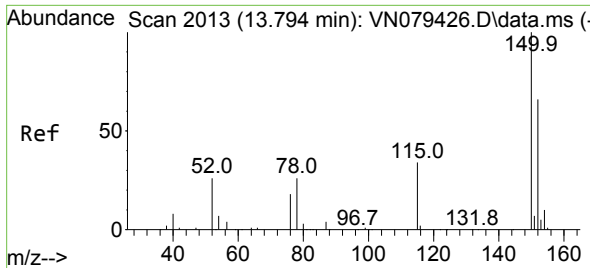
Tgt Ion:117 Resp: 384014
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.7 25.6 38.4



#71
Bromoform
Concen: 0.542 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079463.D
Acq: 09 Oct 2023 11:25

Tgt Ion:173 Resp: 1242
Ion Ratio Lower Upper
173 100
175 530.5 24.3 73.0#
254 0.0 0.0 0.0

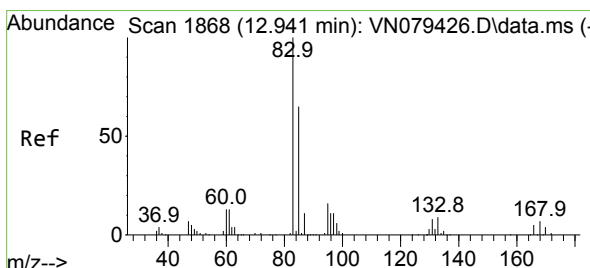
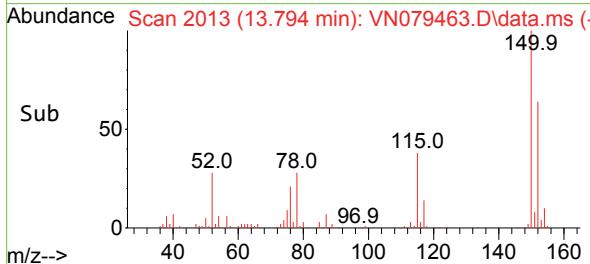
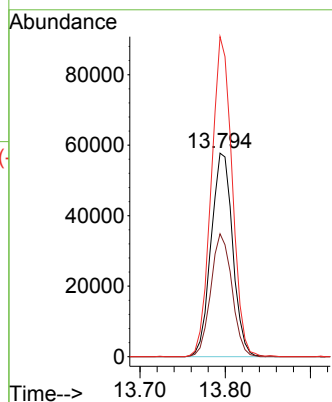
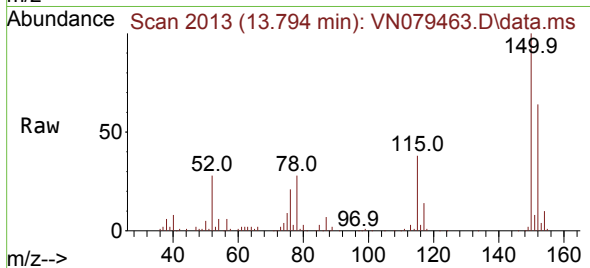




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079463.D
 Acq: 09 Oct 2023 11:25

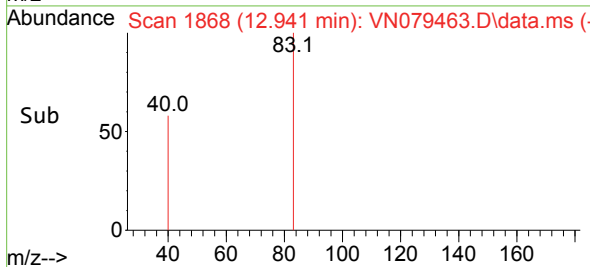
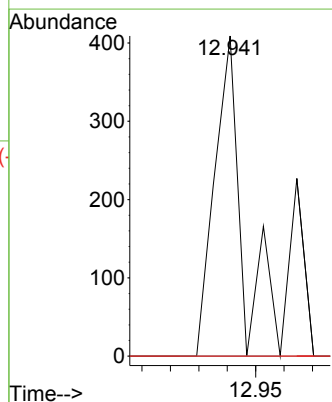
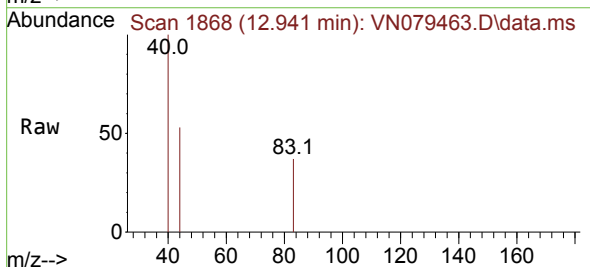
Instrument :
 MSVOA_N
 ClientSampleId :

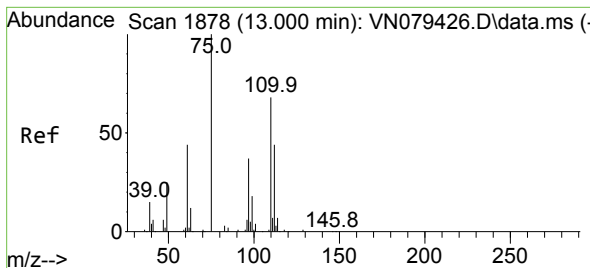
Tgt Ion:152 Resp: 101631
 Ion Ratio Lower Upper
 152 100
 115 59.0 32.3 96.8
 150 152.0 0.0 355.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN079463.D
 Acq: 09 Oct 2023 11:25

Tgt Ion: 83 Resp: 280
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 26.935 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079463.D

Acq: 09 Oct 2023 11:25

Instrument :

MSVOA_N

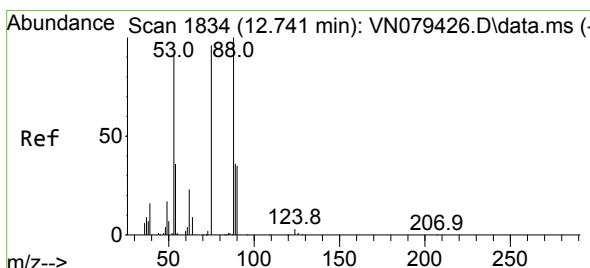
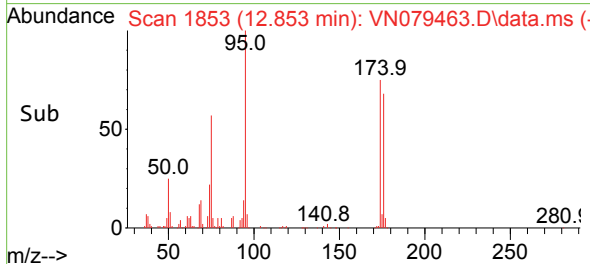
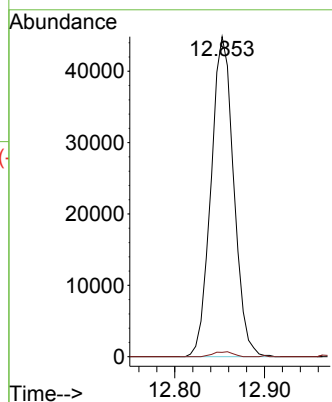
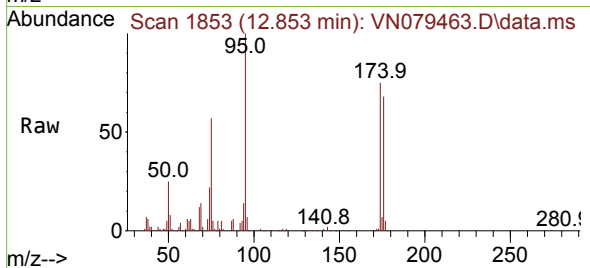
ClientSampleId :

Tgt Ion: 75 Resp: 78928

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.153 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079463.D

Acq: 09 Oct 2023 11:25

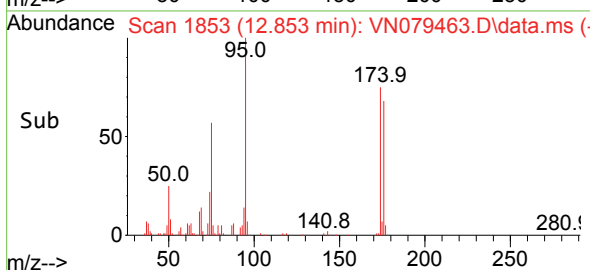
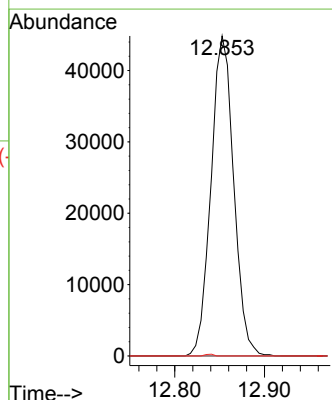
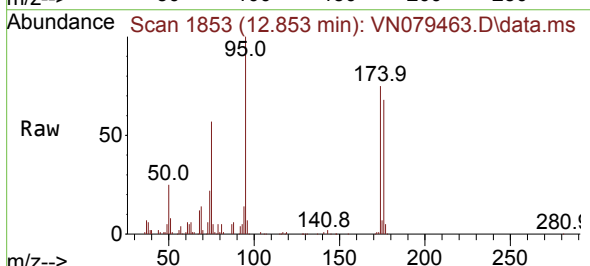
Tgt Ion: 75 Resp: 78928

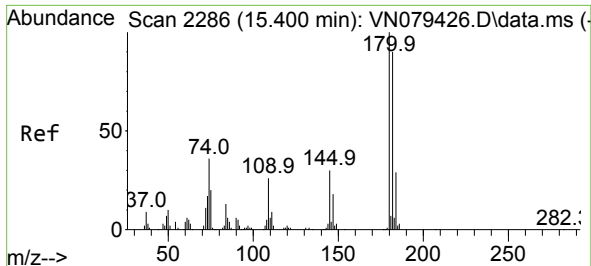
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.2 38.8 58.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.558 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min MSVOA_N

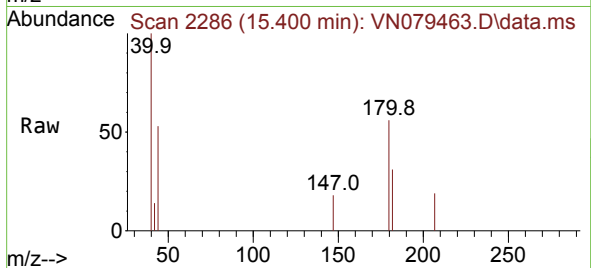
Lab File: VN079463.D

Acq: 09 Oct 2023 11:25

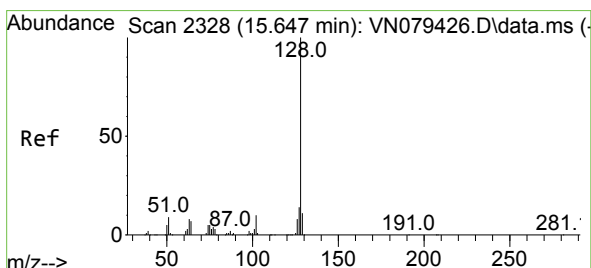
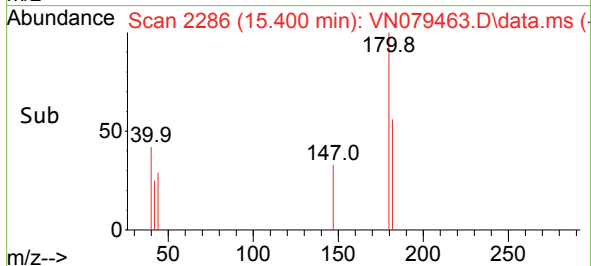
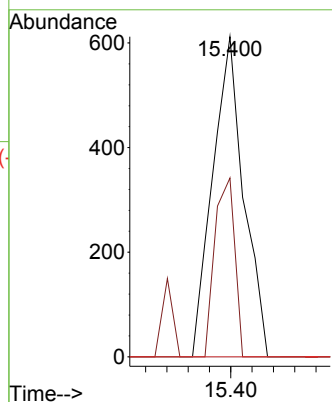
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	180	Resp:	620
Ion Ratio	Lower	Upper	
180	100		
182	35.8	46.1	138.2#
145	0.0	16.6	49.8#



#95

Naphthalene

Concen: 0.563 ug/l

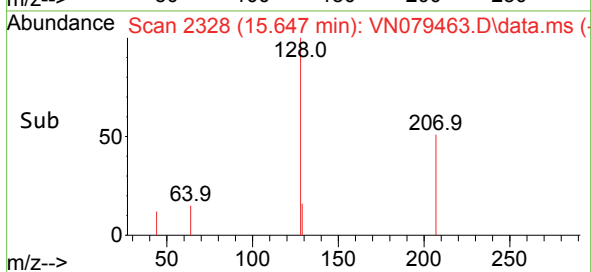
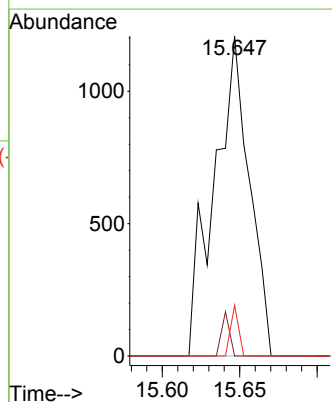
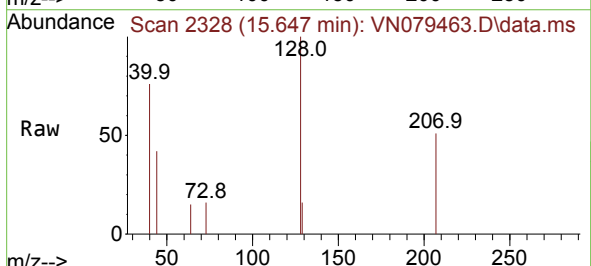
RT: 15.647 min Scan# 2328

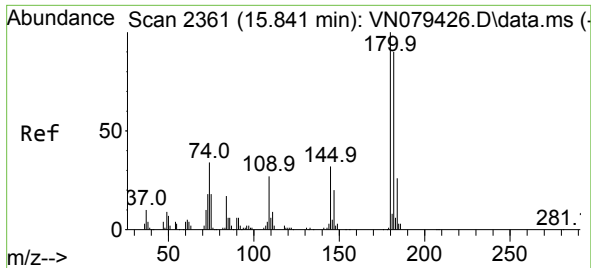
Delta R.T. -0.000 min

Lab File: VN079463.D

Acq: 09 Oct 2023 11:25

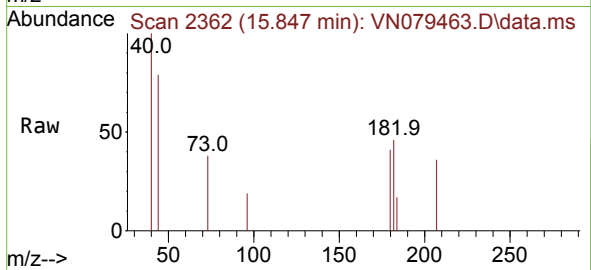
Tgt Ion:	128	Resp:	1910
Ion Ratio	Lower	Upper	
128	100		
127	3.1	10.0	15.0#
129	3.6	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.635 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079463.D
 Acq: 09 Oct 2023 11:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	45.6	46.2	138.6#
145	0.0	17.5	52.6#

