

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078173.D
 Acq On : 12 Jun 2023 17:55
 Operator : JC\MD
 Sample : 03136-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ELI-SUB-LD-CONRE

Quant Time: Jun 13 01:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

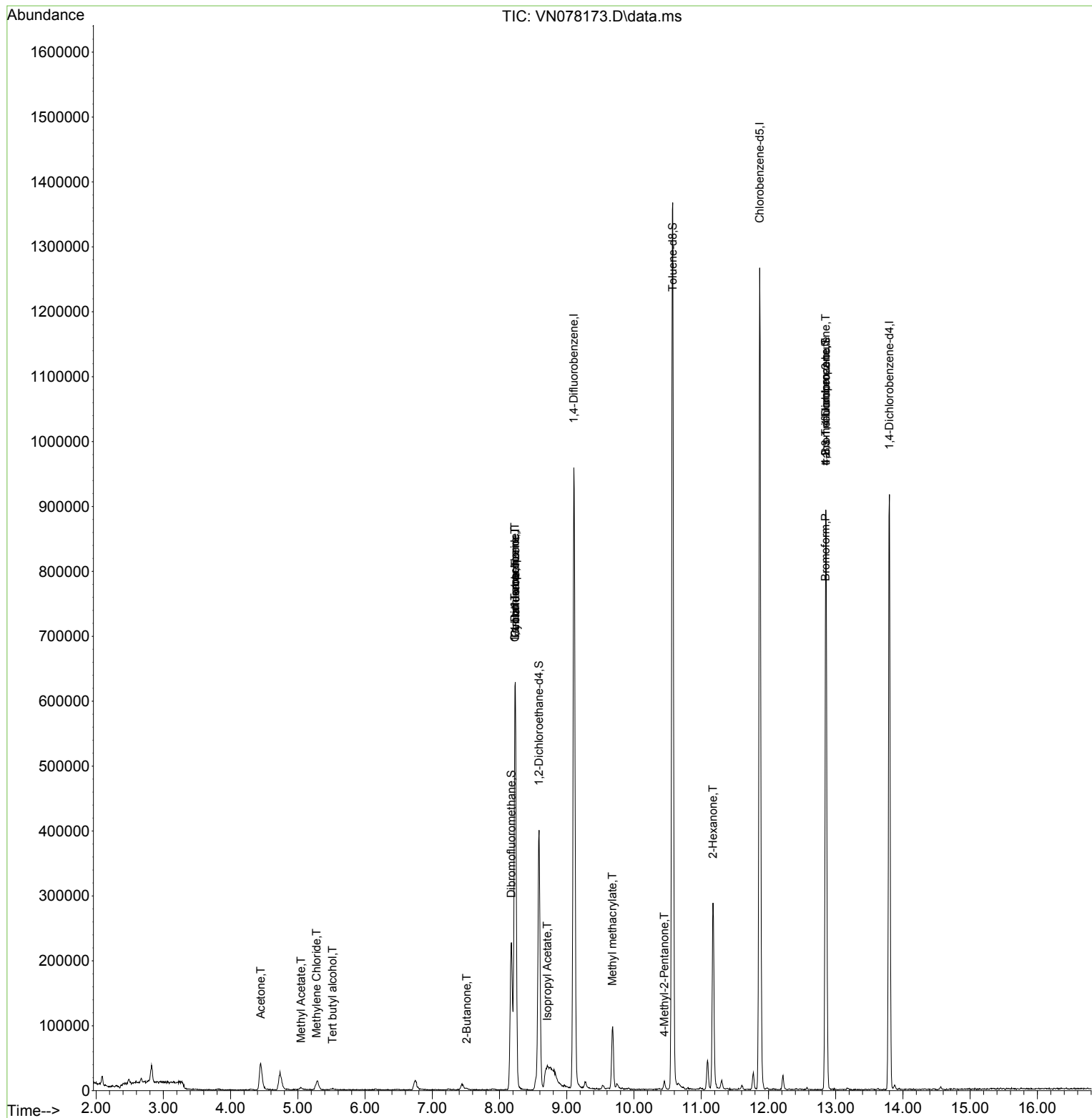
Internal Standards						
1) Pentafluorobenzene	8.236	168	448698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	853420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	746773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	253078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	323017	53.994	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.980%
35) Dibromofluoromethane	8.177	113	165411	30.654	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	61.300%#
50) Toluene-d8	10.577	98	1001384	48.138	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.853	95	312663	48.348	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	993	Below Cal	#	85
11) Tert butyl alcohol	5.518	59	606	0.734	ug/l #	72
16) Acetone	4.447	43	75994	44.132	ug/l	96
18) Methyl Acetate	5.047	43	6474	0.817	ug/l #	88
20) Methylene Chloride	5.277	84	11328	1.991	ug/l #	82
25) 2-Butanone	7.512	43	3783	1.429	ug/l #	75
31) Cyclohexane	8.236	56	10283	1.340	ug/l #	19
36) 1,1-Dichloropropene	8.230	75	40988	5.296	ug/l #	49
38) Carbon Tetrachloride	8.230	117	50255	6.149	ug/l #	15
43) Isopropyl Acetate	8.712	43	32632	2.822	ug/l #	50
48) Methyl methacrylate	9.677	41	6824	1.406	ug/l #	21
51) 4-Methyl-2-Pentanone	10.453	43	7714	1.267	ug/l	89
59) 2-Hexanone	11.176	43	223650	52.749	ug/l #	19
71) Bromoform	12.847	173	2324	0.612	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.976	83	72	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	171438	28.655	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	171438	88.037	ug/l #	15

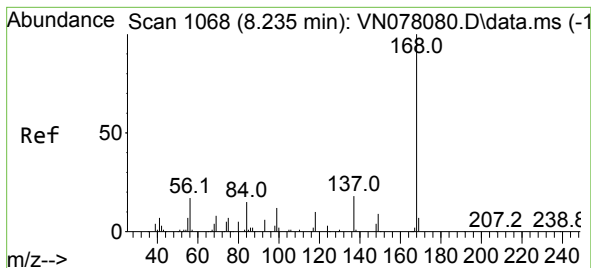
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
Data File : VN078173.D
Acq On : 12 Jun 2023 17:55
Operator : JC\MD
Sample : 03136-03RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ELI-SUB-LD-CONRE

Quant Time: Jun 13 01:36:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078173.D

Acq: 12 Jun 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

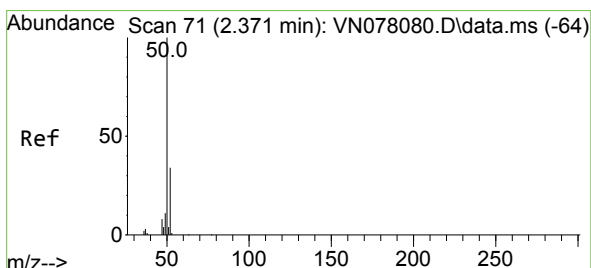
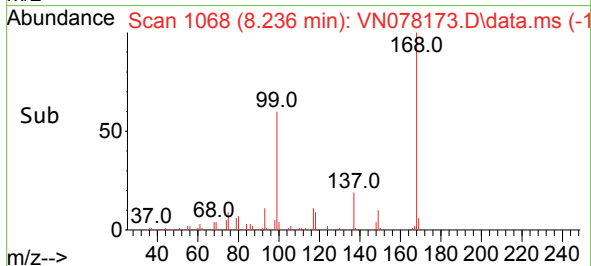
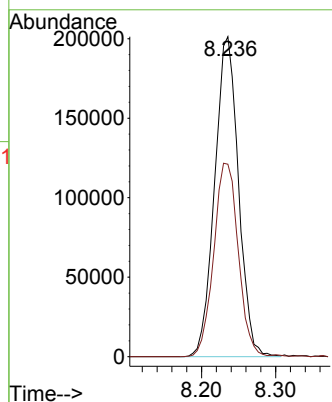
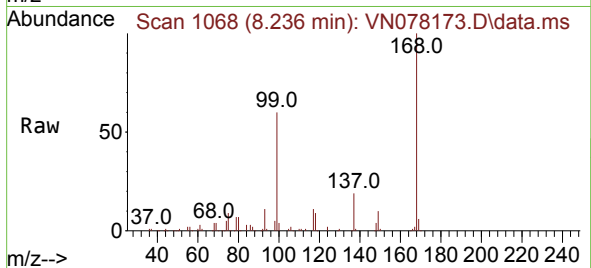
ELI-SUB-LD-CONRE

Tgt Ion:168 Resp: 448698

Ion Ratio Lower Upper

168 100

99 60.1 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078173.D

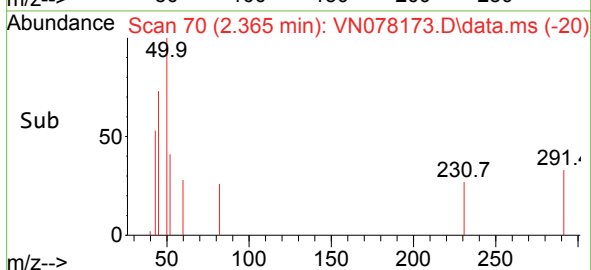
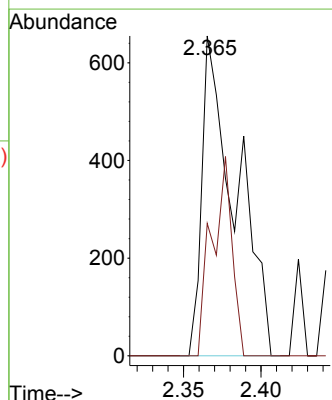
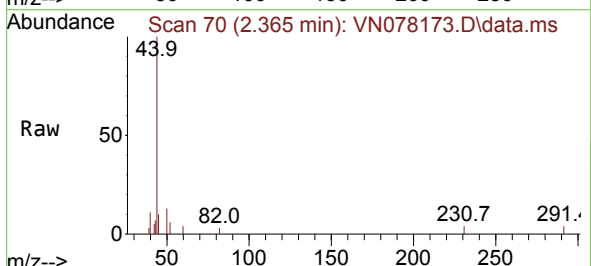
Acq: 12 Jun 2023 17:55

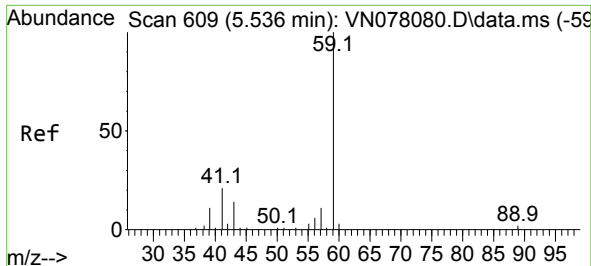
Tgt Ion: 50 Resp: 993

Ion Ratio Lower Upper

50 100

52 41.4 26.5 39.7#

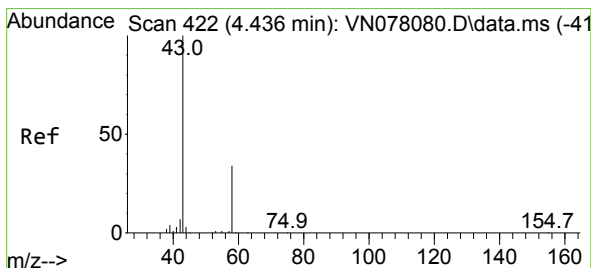
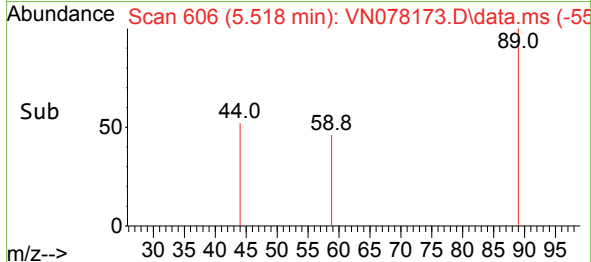
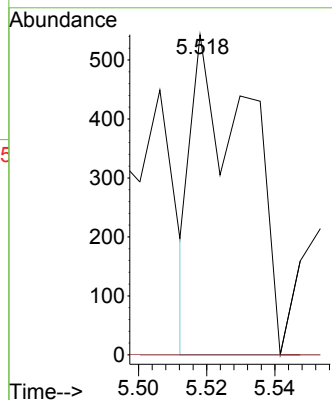
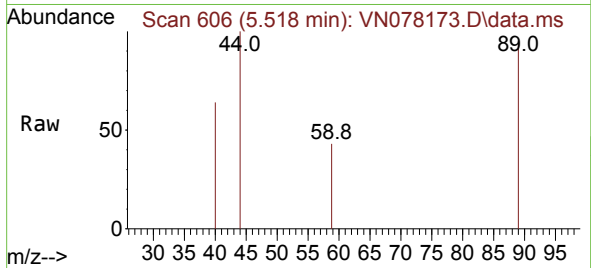




#11
Tert butyl alcohol
Concen: 0.734 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

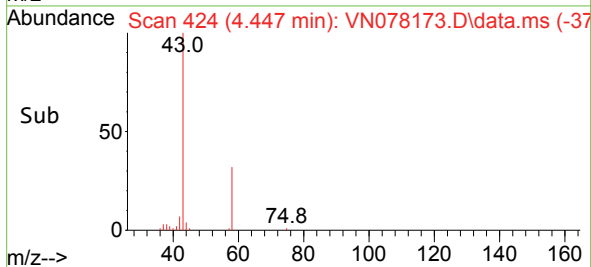
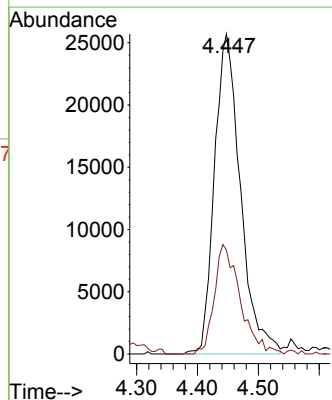
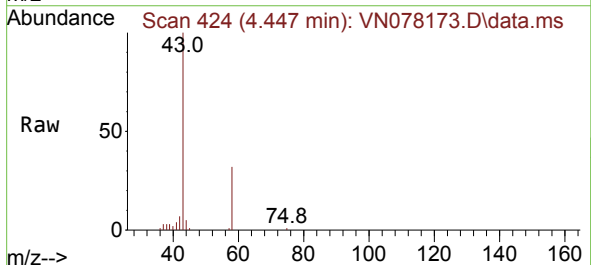
Instrument :
MSVOA_N
ClientSampleId :
ELI-SUB-LD-CONRE

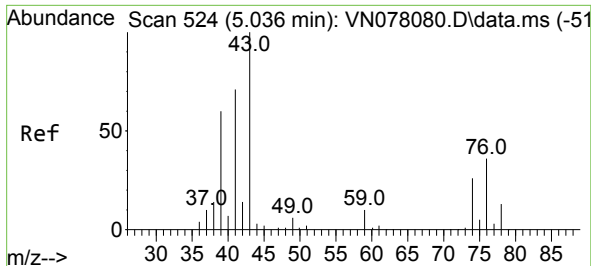
Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 44.132 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

Tgt Ion: 43 Resp: 75994
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0

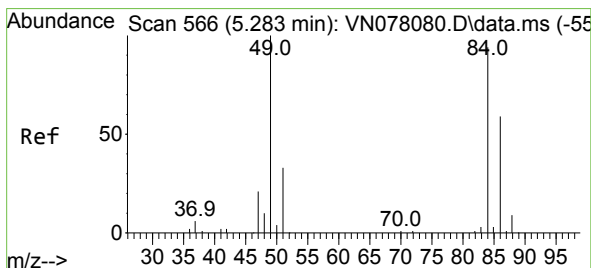
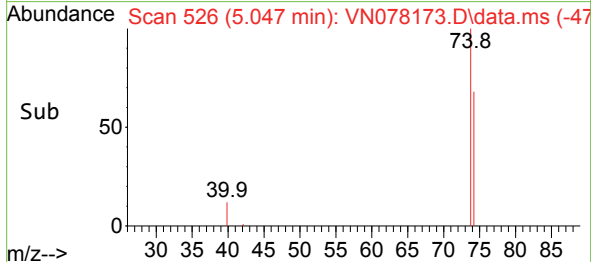
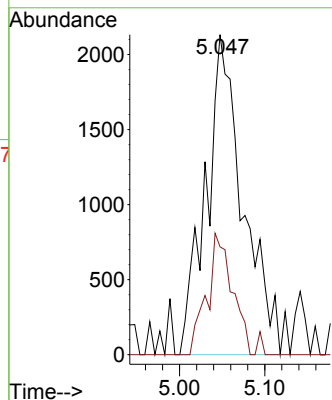
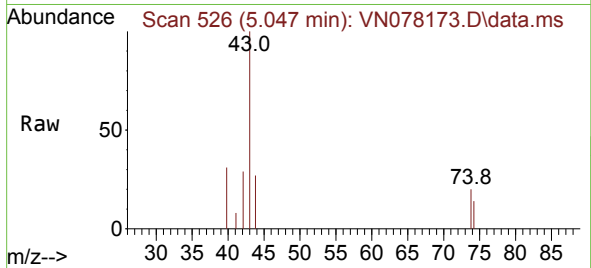




#18
Methyl Acetate
Concen: 0.817 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

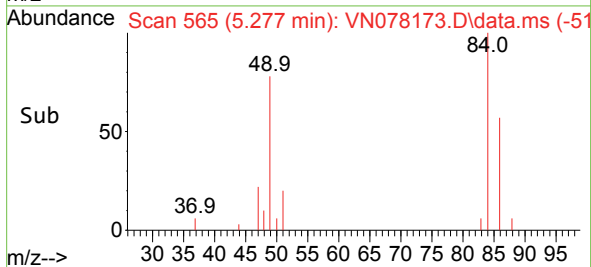
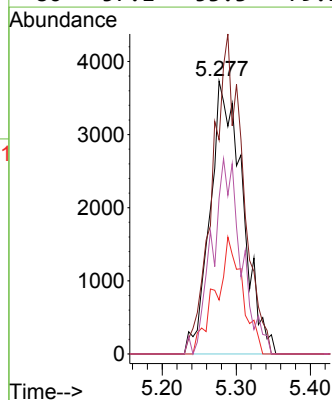
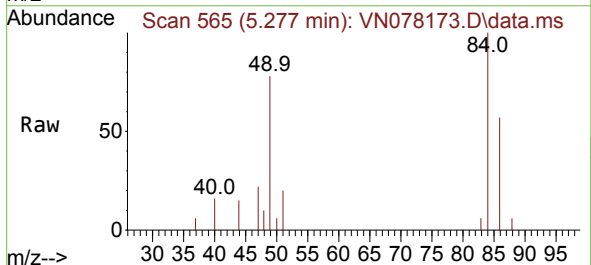
Instrument :
MSVOA_N
ClientSampleId :
ELI-SUB-LD-CONRE

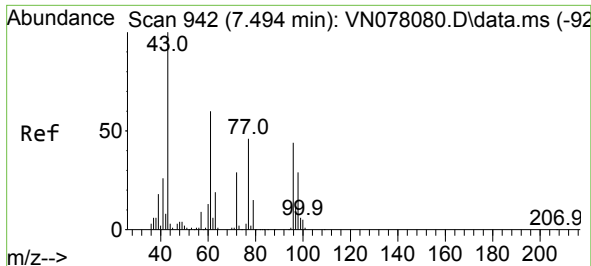
Tgt Ion: 43 Resp: 6474
Ion Ratio Lower Upper
43 100
74 25.9 26.2 39.4#



#20
Methylene Chloride
Concen: 1.991 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

Tgt Ion: 84 Resp: 11328
Ion Ratio Lower Upper
84 100
49 78.5 79.7 119.5#
51 19.8 25.2 37.8#
86 57.1 53.3 79.9

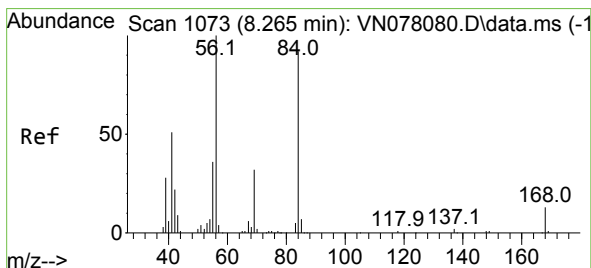
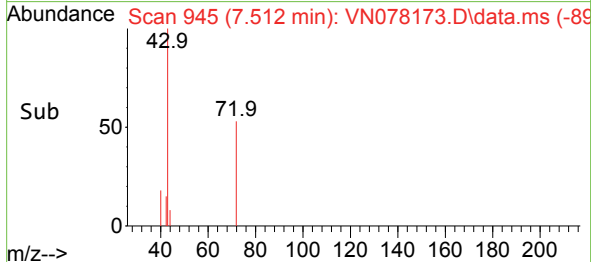
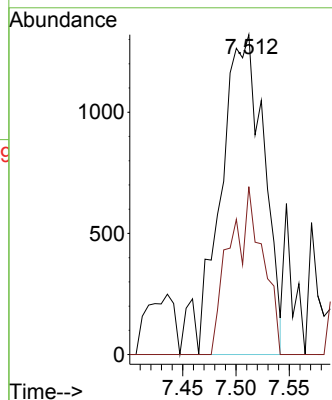
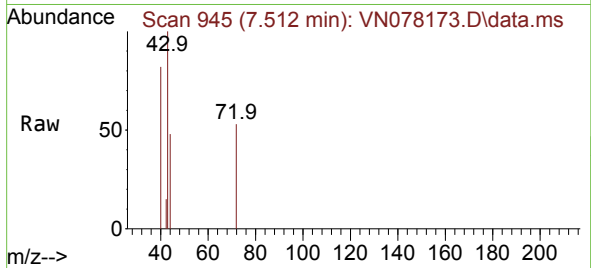




#25
2-Butanone
Concen: 1.429 ug/l
RT: 7.512 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

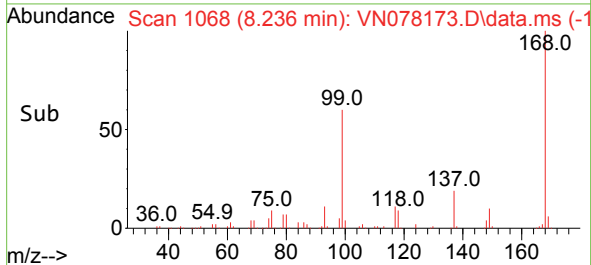
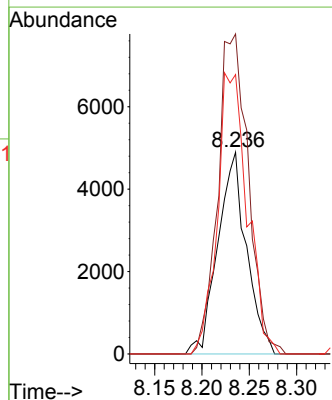
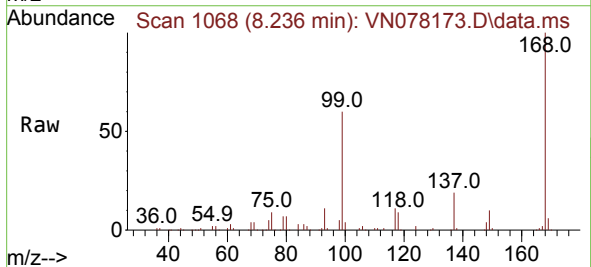
Instrument :
MSVOA_N
ClientSampleId :
ELI-SUB-LD-CONRE

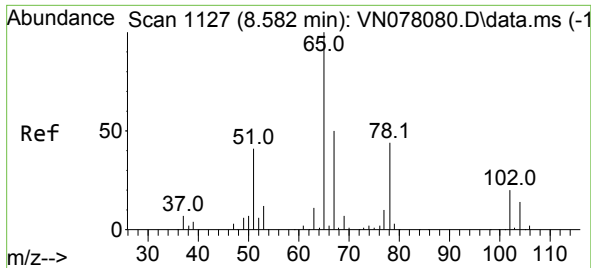
Tgt Ion: 43 Resp: 3783
Ion Ratio Lower Upper
43 100
72 52.5 30.2 45.2#



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

Tgt Ion: 56 Resp: 10283
Ion Ratio Lower Upper
56 100
69 158.5 26.8 40.2#
84 138.4 81.8 122.6#

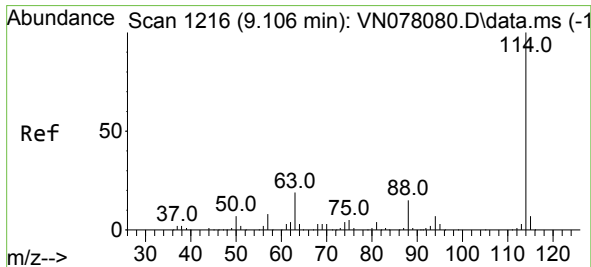
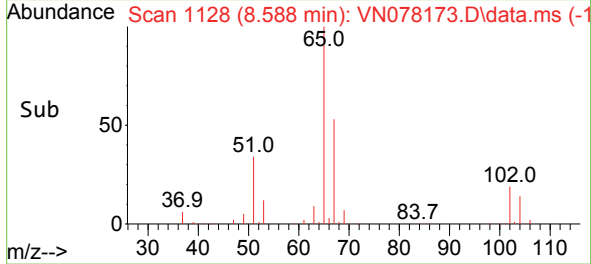
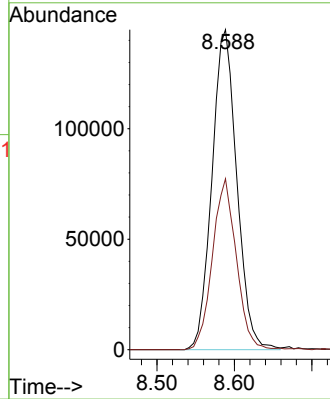
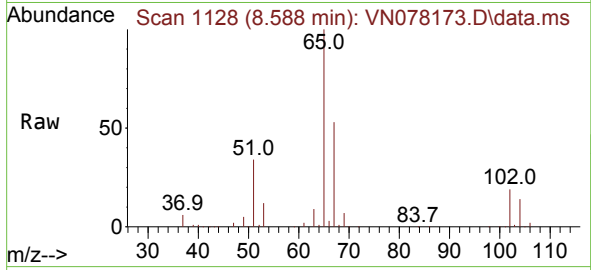




#33
 1,2-Dichloroethane-d4
 Concen: 53.994 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN078173.D
 Acq: 12 Jun 2023 17:55

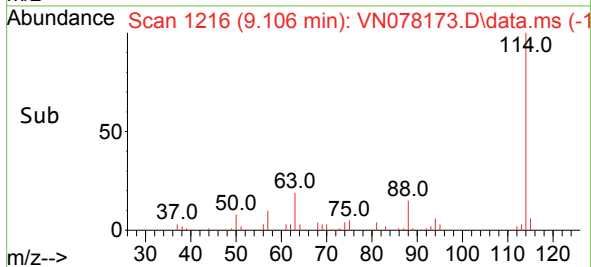
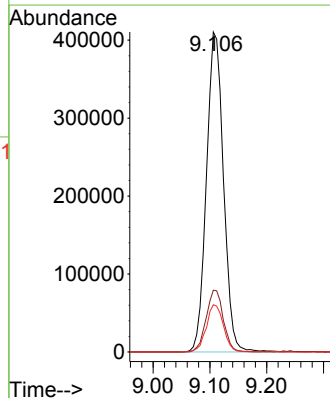
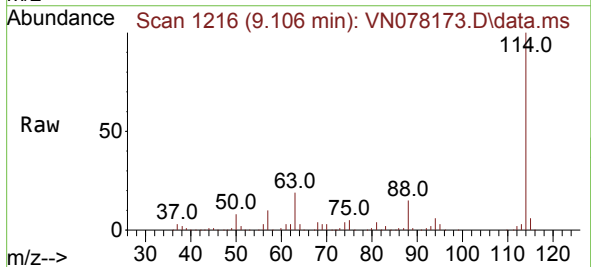
Instrument :
 MSVOA_N
 ClientSampleId :
 ELI-SUB-LD-CONRE

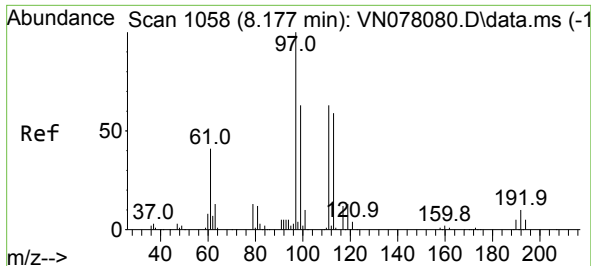
Tgt Ion: 65 Resp: 323017
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078173.D
 Acq: 12 Jun 2023 17:55

Tgt Ion: 114 Resp: 853420
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.4
 88 14.8 0.0 30.6

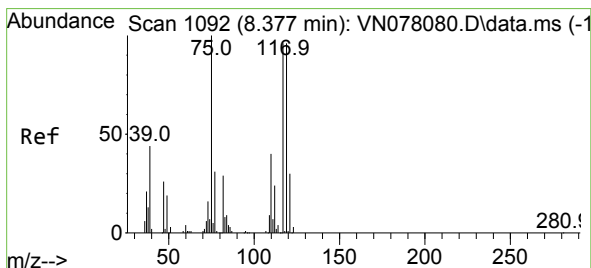
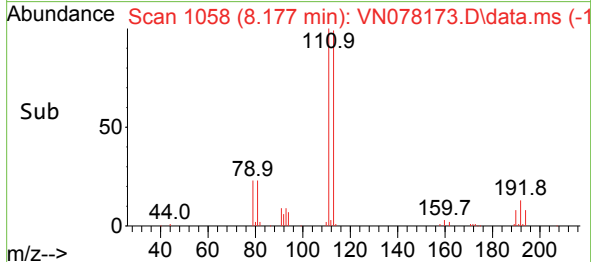
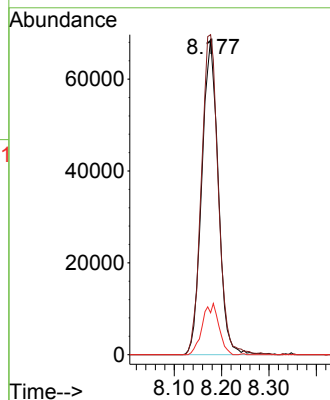
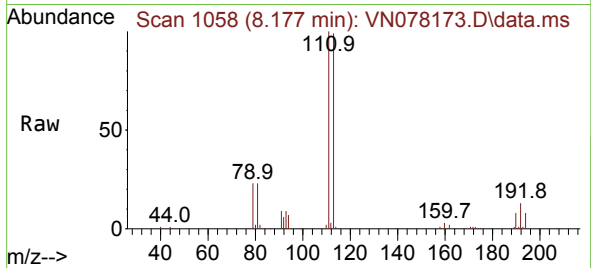




#35
 Dibromofluoromethane
 Concen: 30.654 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078173.D
 Acq: 12 Jun 2023 17:55

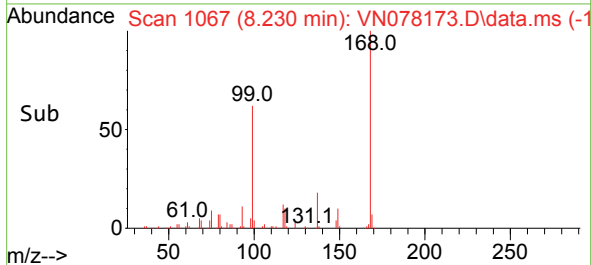
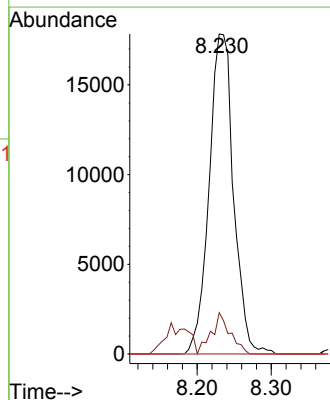
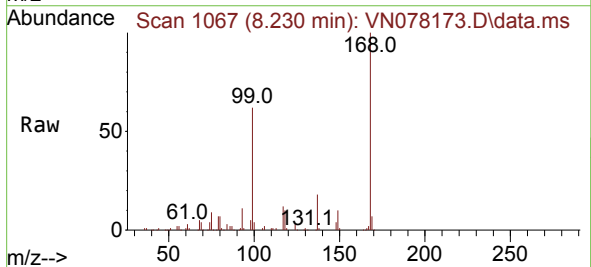
Instrument :
 MSVOA_N
 ClientSampleId :
 ELI-SUB-LD-CONRE

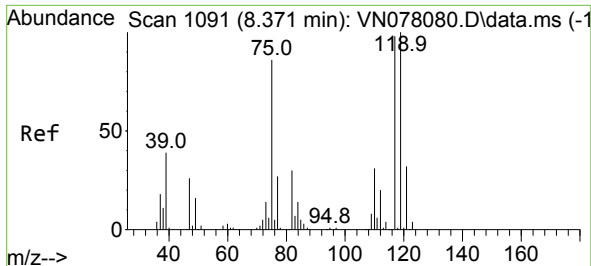
Tgt Ion:113 Resp: 165411
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.6 123.8
 192 16.3 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 5.296 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN078173.D
 Acq: 12 Jun 2023 17:55

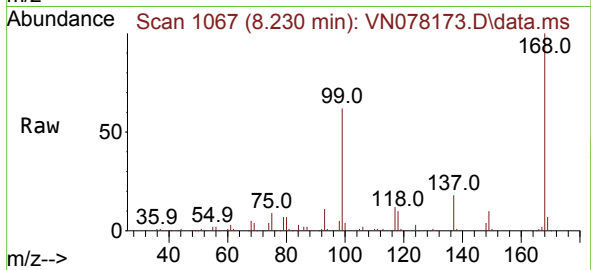
Tgt Ion: 75 Resp: 40988
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.3#
 77 0.0 25.0 37.4#



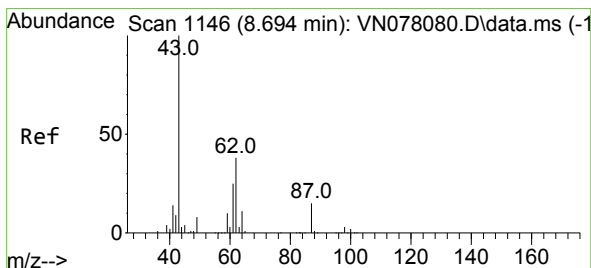
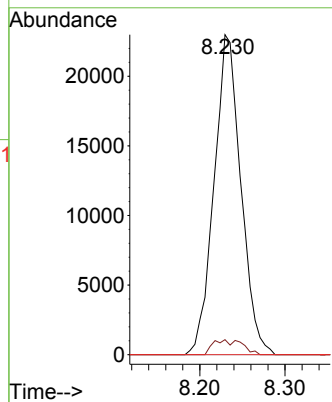
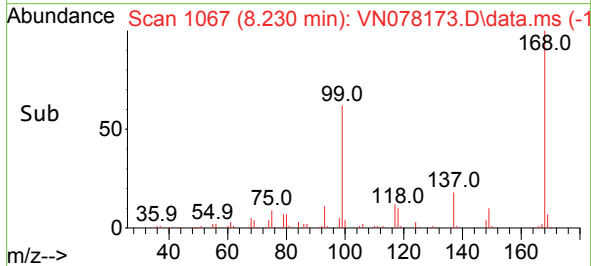


#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
ELI-SUB-LD-CONRE

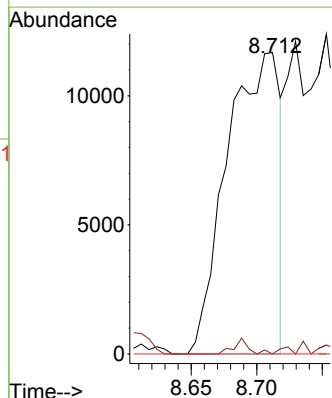
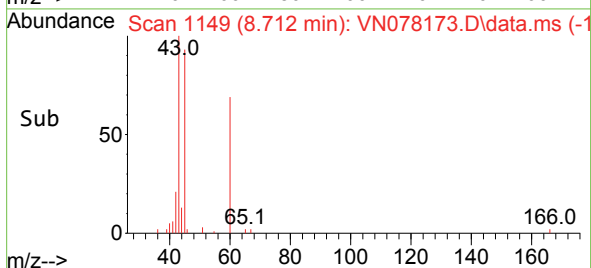
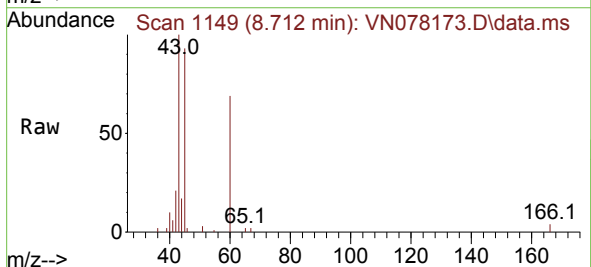


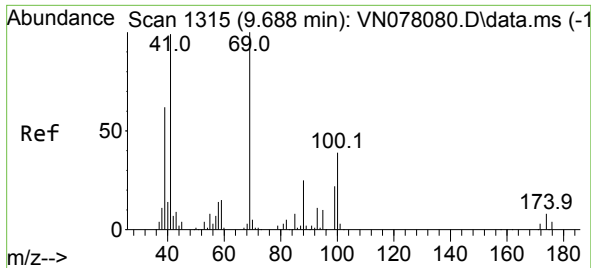
Tgt Ion:117 Resp: 50255
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 2.822 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

Tgt Ion: 43 Resp: 32632
Ion Ratio Lower Upper
43 100
61 0.7 24.7 37.1#
87 0.0 14.6 21.8#

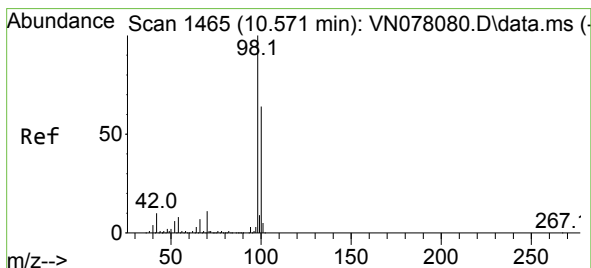
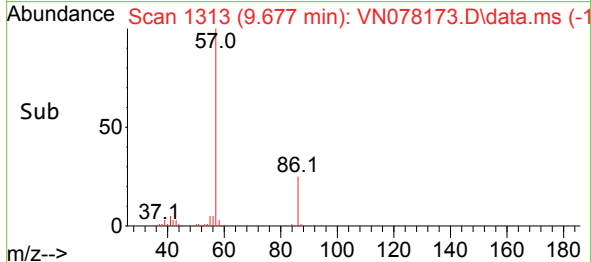
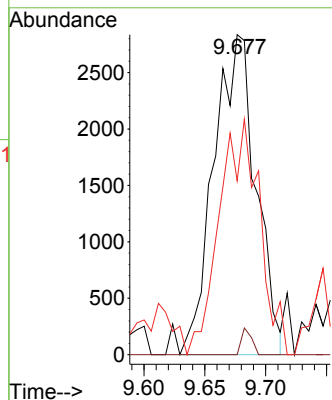
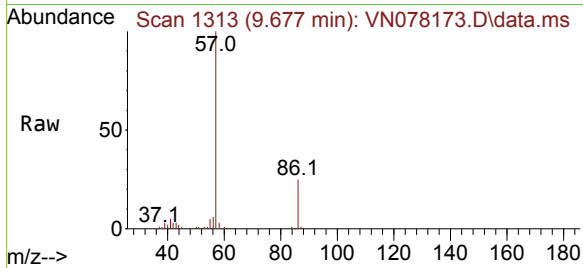




#48
Methyl methacrylate
Concen: 1.406 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

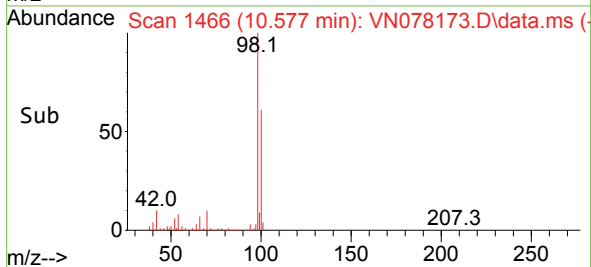
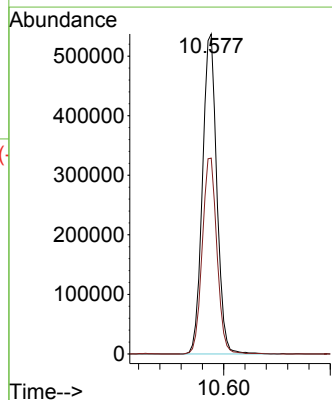
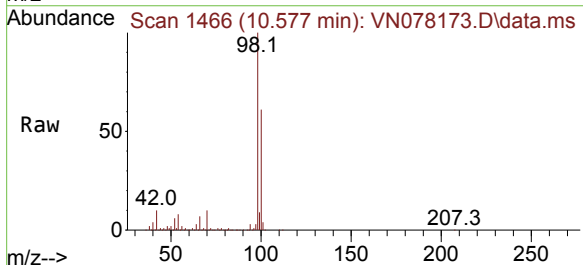
Instrument :
MSVOA_N
ClientSampleId :
ELI-SUB-LD-CONRE

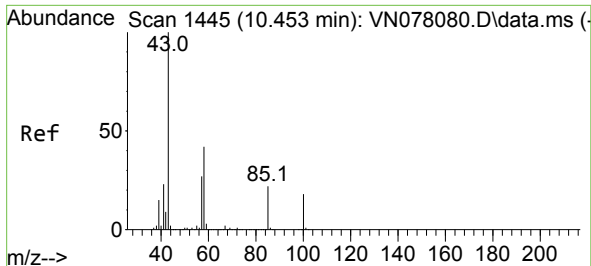
Tgt Ion: 41 Resp: 6824
Ion Ratio Lower Upper
41 100
69 2.0 90.4 135.6#
39 36.1 54.6 81.8#



#50
Toluene-d8
Concen: 48.138 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

Tgt Ion: 98 Resp: 1001384
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.267 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN078173.D

Acq: 12 Jun 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

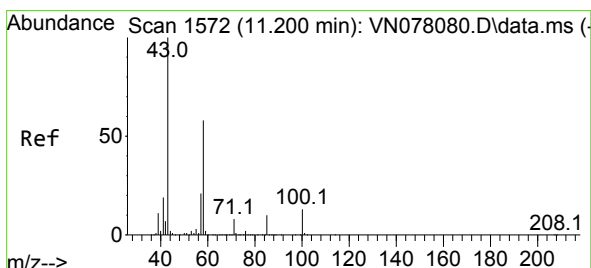
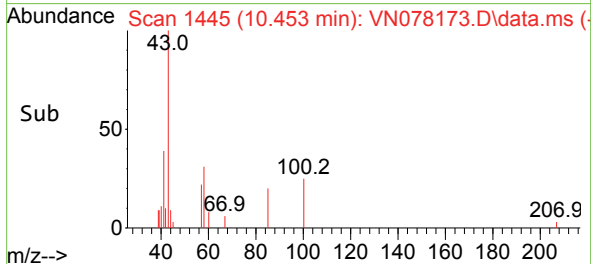
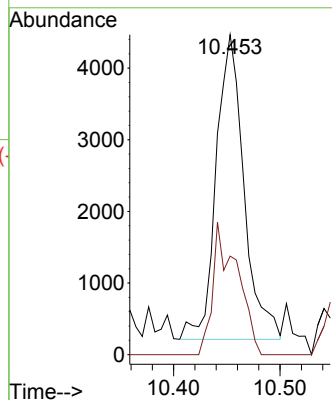
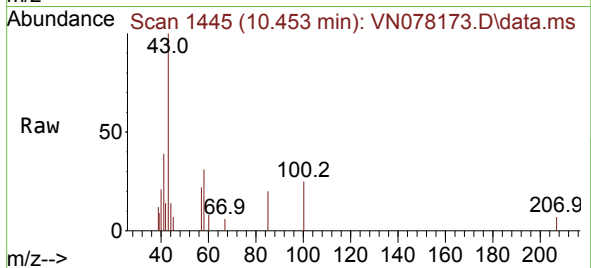
ELI-SUB-LD-CONRE

Tgt Ion: 43 Resp: 7714

Ion Ratio Lower Upper

43 100

58 38.3 36.6 54.8



#59

2-Hexanone

Concen: 52.749 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.023 min

Lab File: VN078173.D

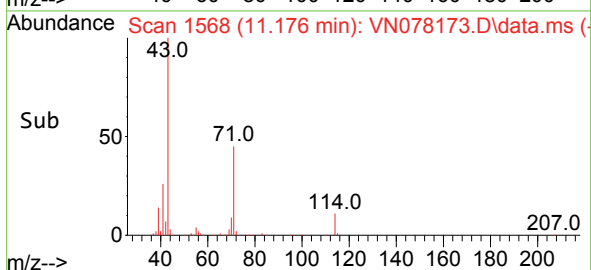
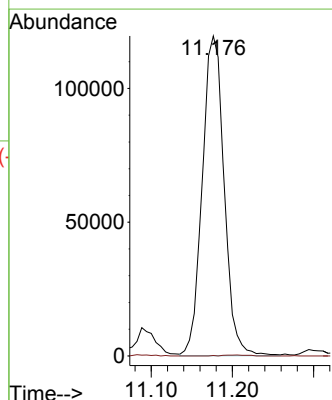
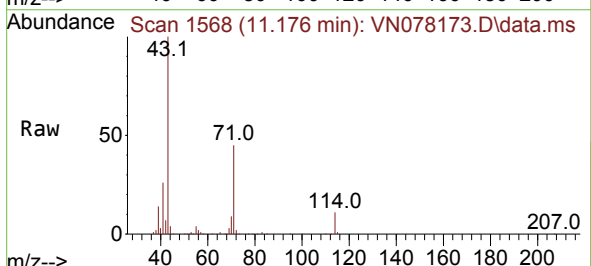
Acq: 12 Jun 2023 17:55

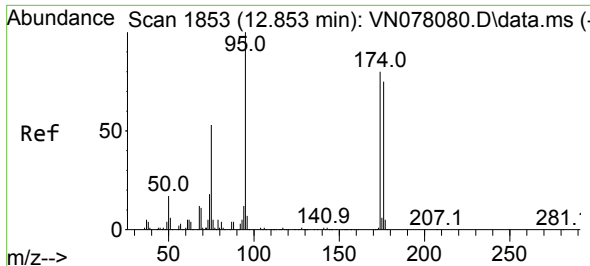
Tgt Ion: 43 Resp: 223650

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

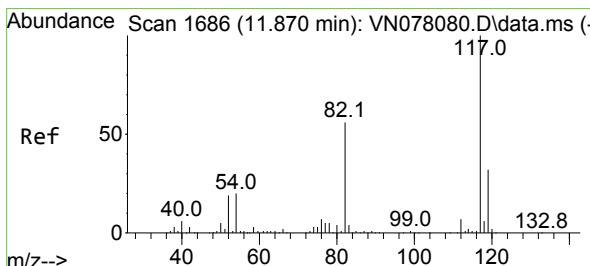
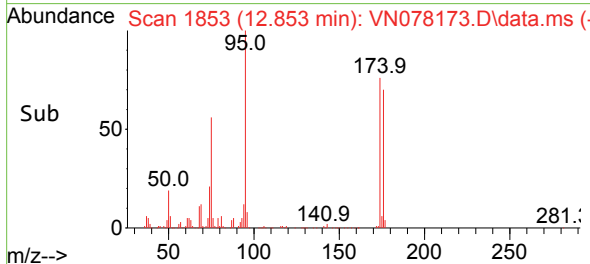
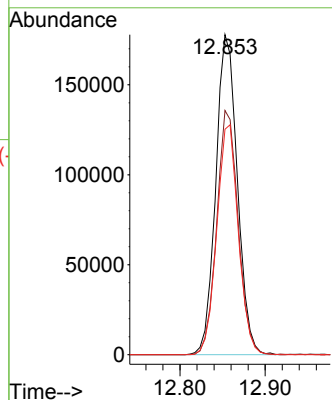
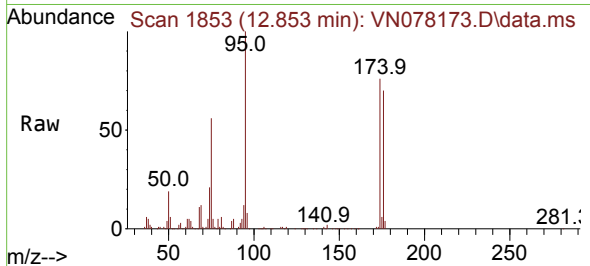




#62
4-Bromofluorobenzene
Concen: 48.348 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

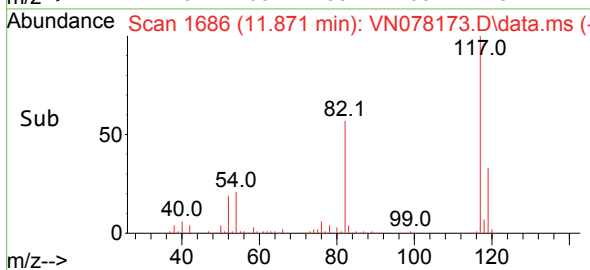
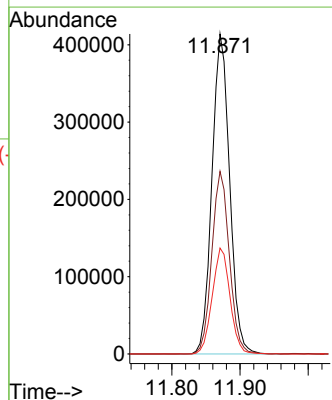
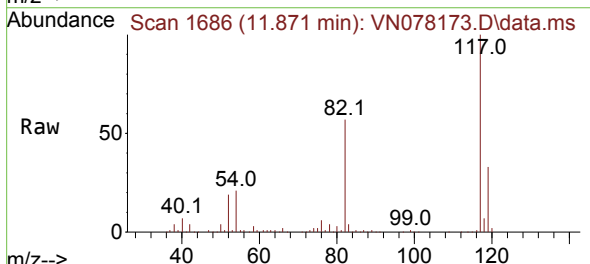
Instrument :
MSVOA_N
ClientSampleId :
ELI-SUB-LD-CONRE

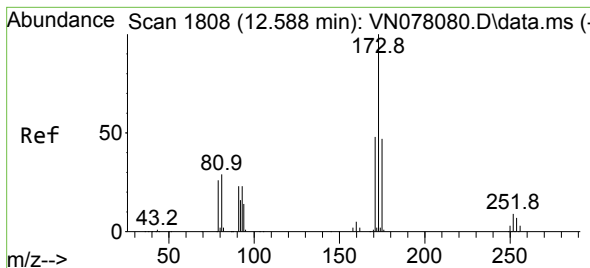
Tgt Ion: 95 Resp: 312663
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078173.D
Acq: 12 Jun 2023 17:55

Tgt Ion: 117 Resp: 746773
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 33.1 25.6 38.4





#71

Bromoform

Concen: 0.612 ug/l

RT: 12.847 min Scan# 1808

Delta R.T. 0.259 min

Lab File: VN078173.D

Acq: 12 Jun 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

ELI-SUB-LD-CONRE

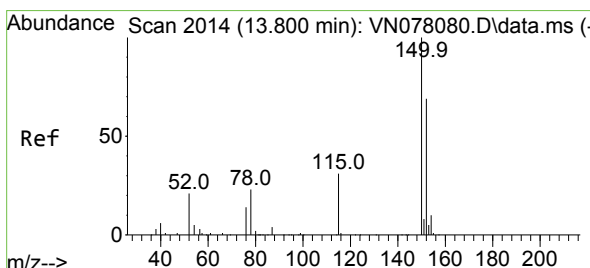
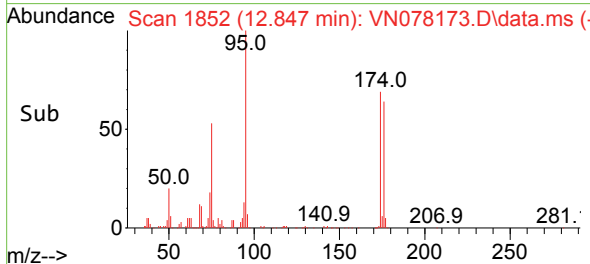
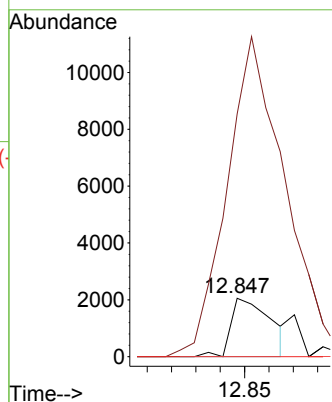
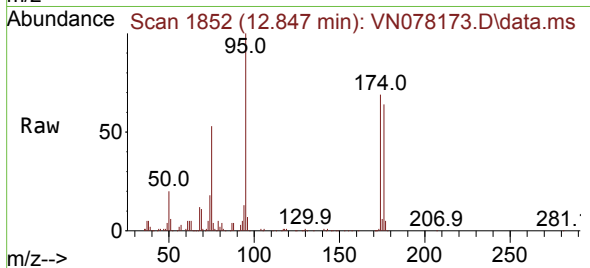
Tgt Ion:173 Resp: 2324

Ion Ratio Lower Upper

173 100

175 667.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078173.D

Acq: 12 Jun 2023 17:55

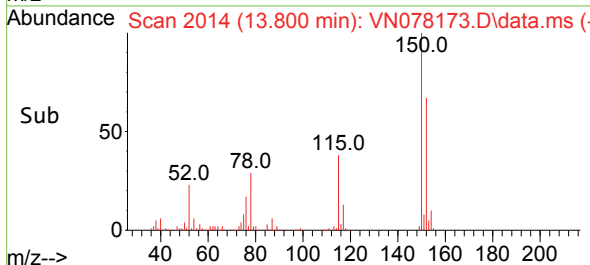
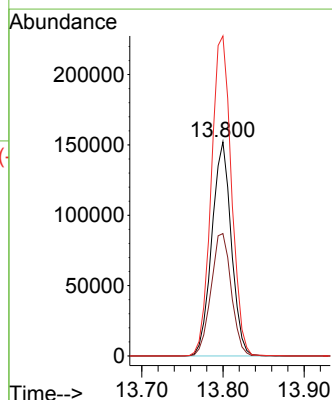
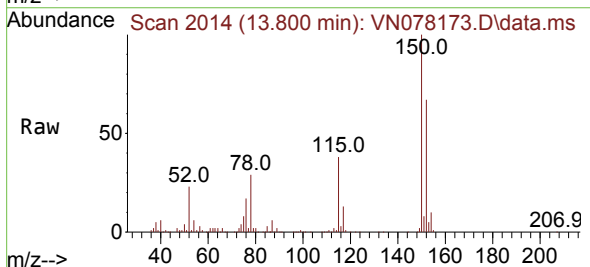
Tgt Ion:152 Resp: 253078

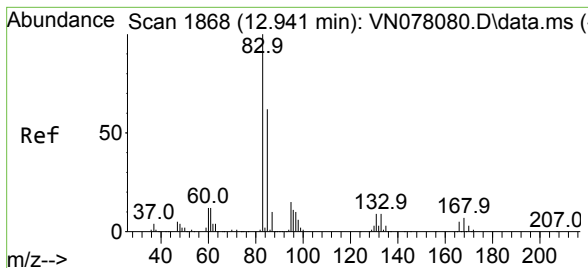
Ion Ratio Lower Upper

152 100

115 59.6 32.3 96.8

150 154.8 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.976 min Scan# 1874

Delta R.T. 0.035 min

Lab File: VN078173.D

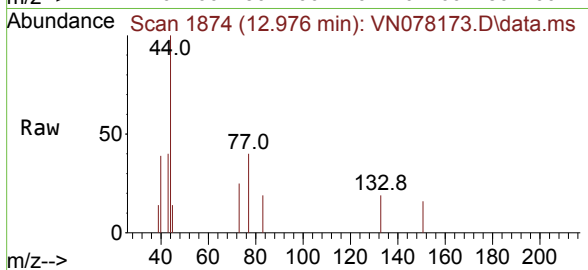
Acq: 12 Jun 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

ELI-SUB-LD-CONRE



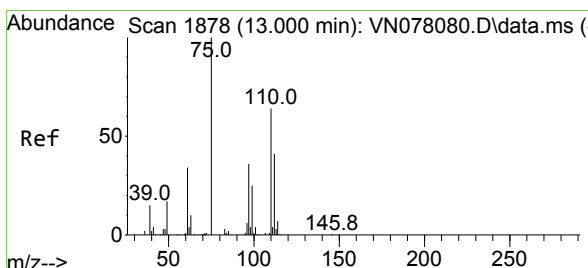
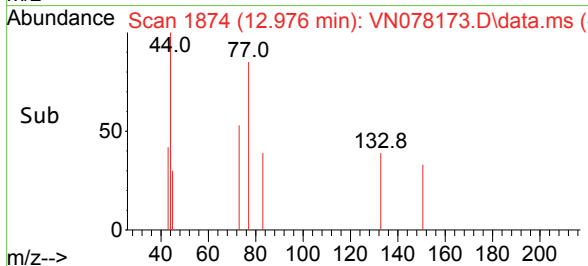
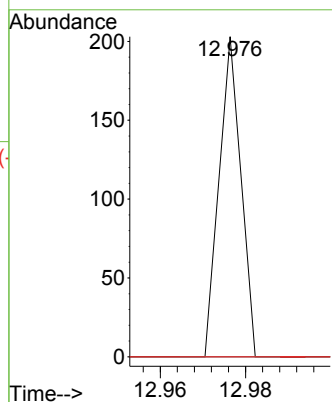
Tgt Ion: 83 Resp: 72

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: 28.655 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078173.D

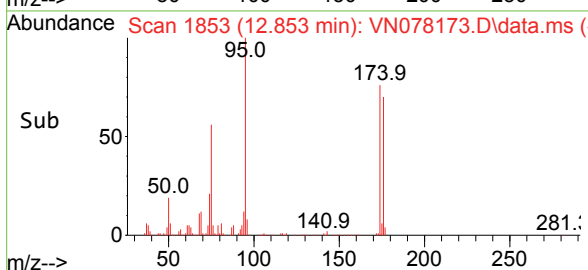
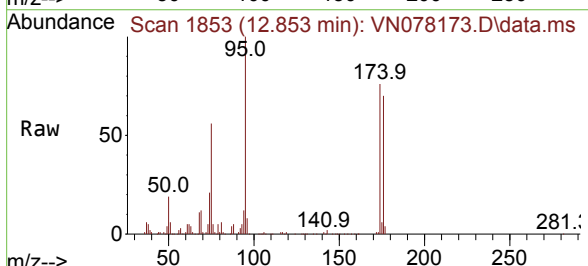
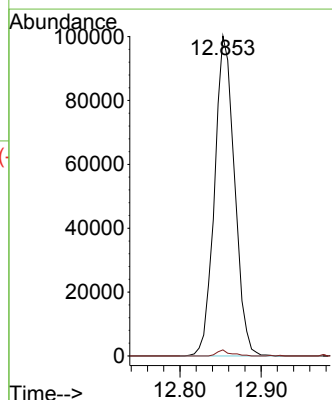
Acq: 12 Jun 2023 17:55

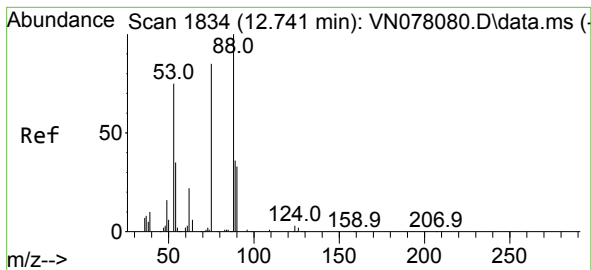
Tgt Ion: 75 Resp: 171438

Ion Ratio Lower Upper

75 100

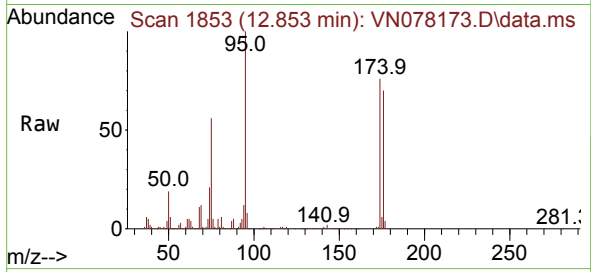
77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.037 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN078173.D
 Acq: 12 Jun 2023 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 ELI-SUB-LD-CONRE



Tgt Ion: 75 Resp: 171438
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

