

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077875.D
 Acq On : 25 May 2023 02:35
 Operator : JC\MD
 Sample : 02852-03ME 10X
 Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-18-051823ME

Quant Time: May 25 05:01:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

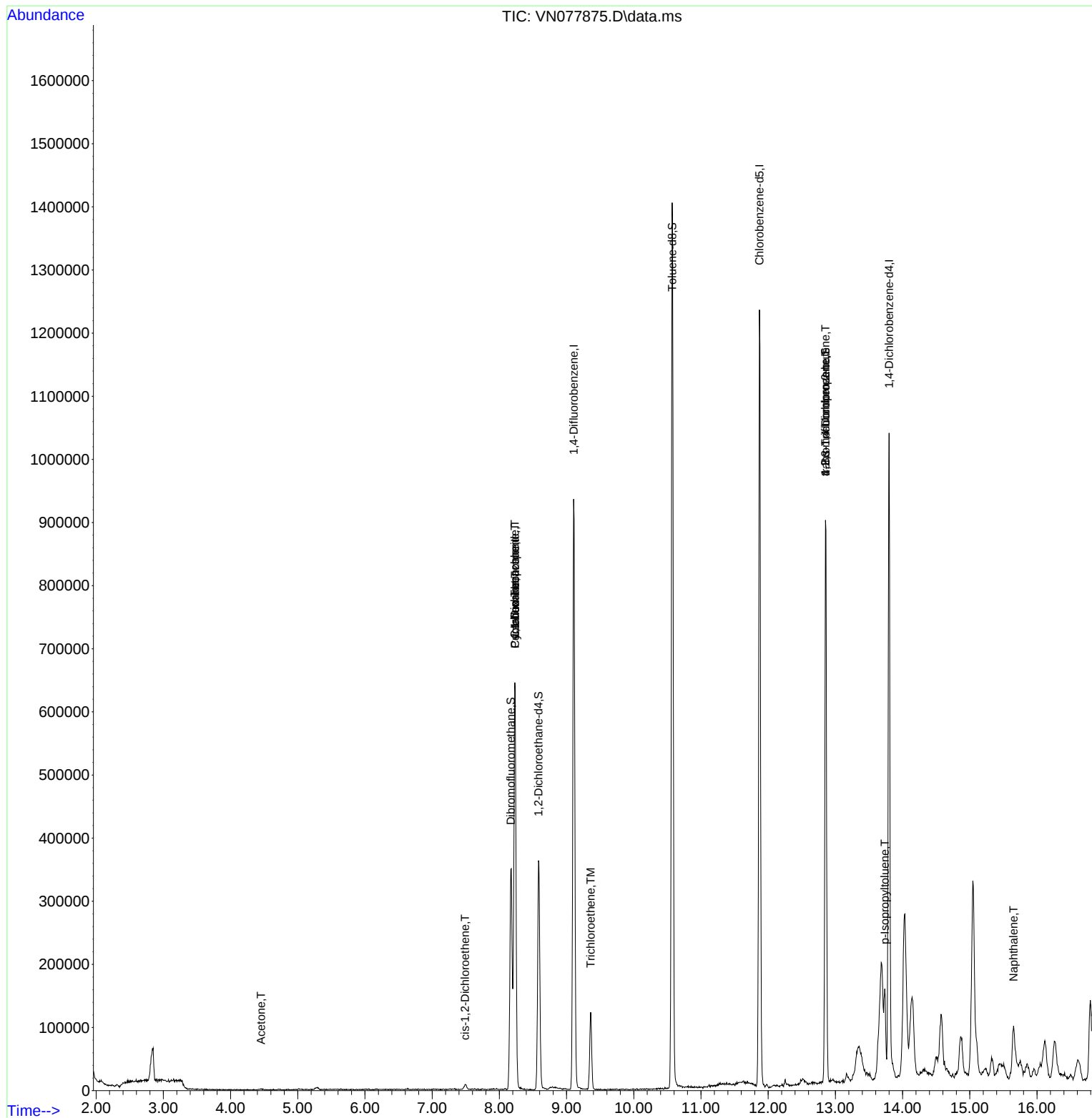
Internal Standards						
1) Pentafluorobenzene	8.235	168	477801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	848873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	745603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	277388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	299422	41.882	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.760%		
35) Dibromofluoromethane	8.171	113	260613	47.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	10.571	98	1032687	48.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.940%		
62) 4-Bromofluorobenzene	12.853	95	328451	43.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.300%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1225	Below Cal	#	86
13) Acrolein	4.200	56	118	Below Cal		98
16) Acetone	4.453	43	2371	1.054	ug/l #	66
20) Methylene Chloride	5.294	84	2394	Below Cal	#	65
27) cis-1,2-Dichloroethene	7.488	96	5358	0.792	ug/l	86
31) Cyclohexane	8.235	56	10192	1.049	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	38450	4.749	ug/l #	46
38) Carbon Tetrachloride	8.230	117	50600	6.189	ug/l #	15
44) Trichloroethene	9.359	130	43123	7.128	ug/l	98
76) 1,2,3-Trichloropropane	12.853	75	165564	23.833	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	165564	76.183	ug/l #	15
86) p-Isopropyltoluene	13.735	119	53206	2.677	ug/l	97
95) Naphthalene	15.653	128	37103	1.957	ug/l #	75

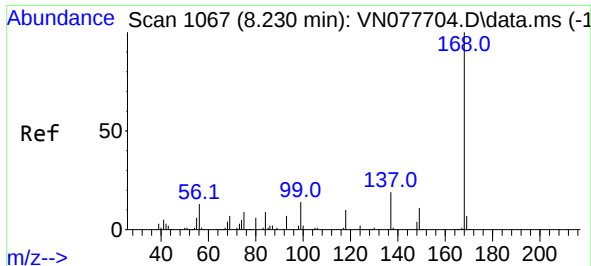
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077875.D
Acq On : 25 May 2023 02:35
Operator : JC\MD
Sample : 02852-03ME 10X
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME

Quant Time: May 25 05:01:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

Instrument :

MSVOA_N

ClientSampleId :

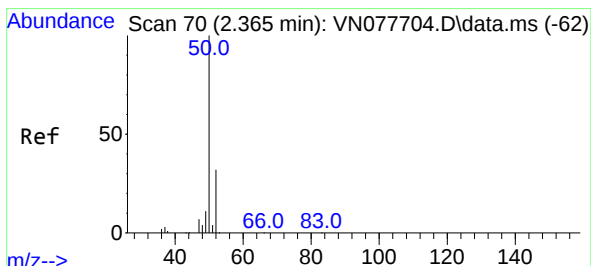
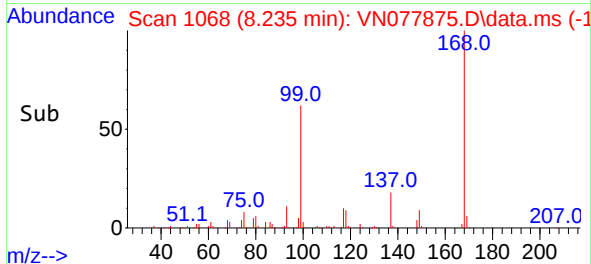
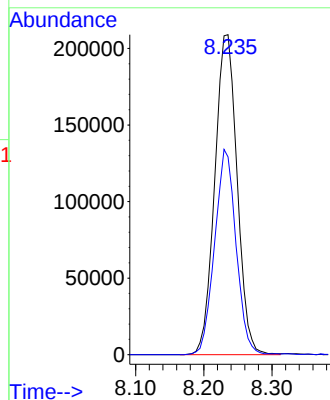
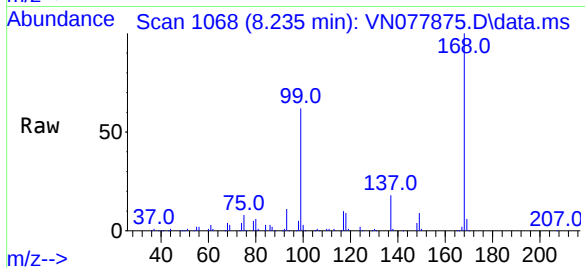
CB-32-G3-SO-18-051823ME

Tgt Ion:168 Resp: 477801

Ion Ratio Lower Upper

168 100

99 61.8 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN077875.D

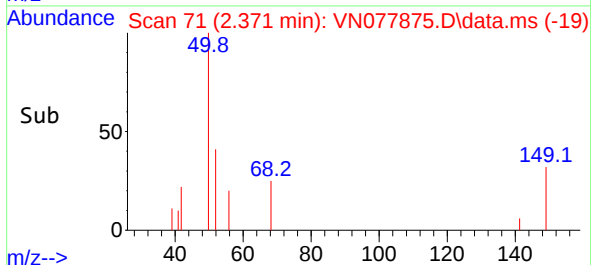
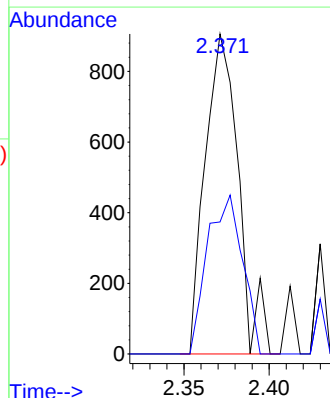
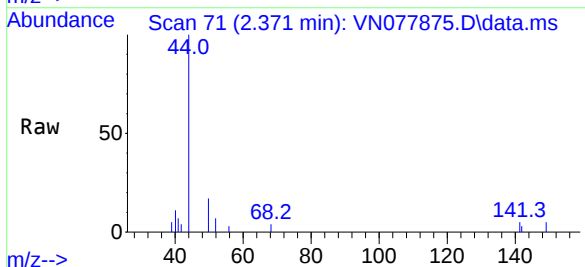
Acq: 25 May 2023 02:35

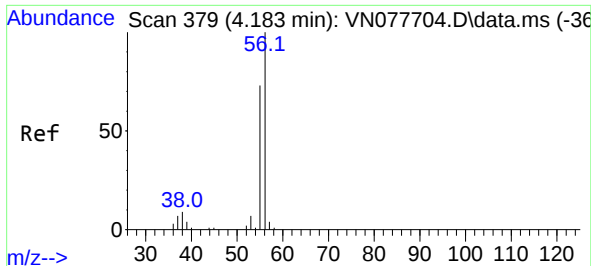
Tgt Ion: 50 Resp: 1225

Ion Ratio Lower Upper

50 100

52 41.3 26.5 39.7#

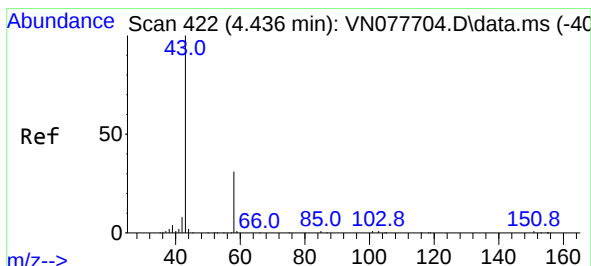
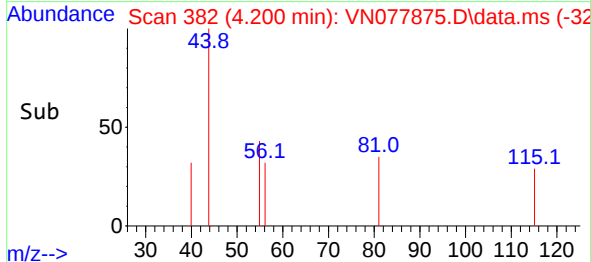
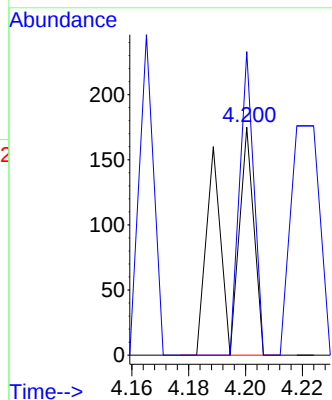
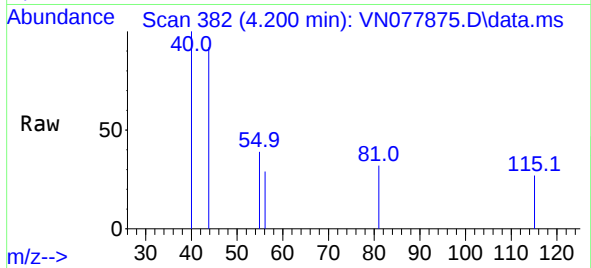




#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 311
Delta R.T. 0.011 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

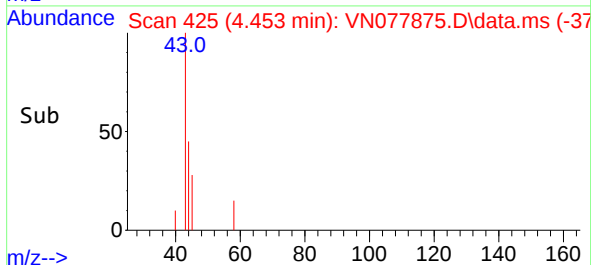
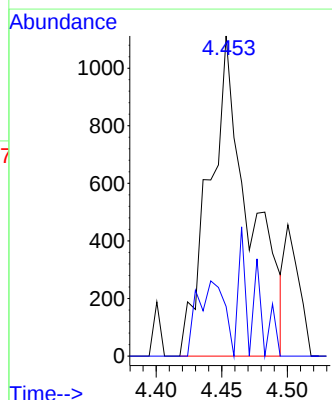
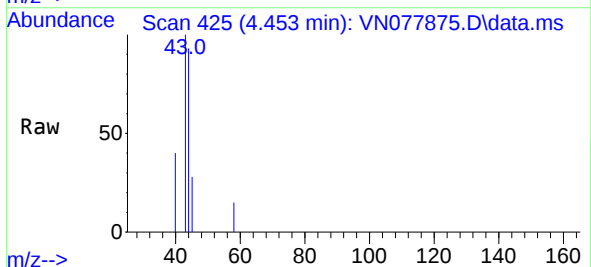
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME

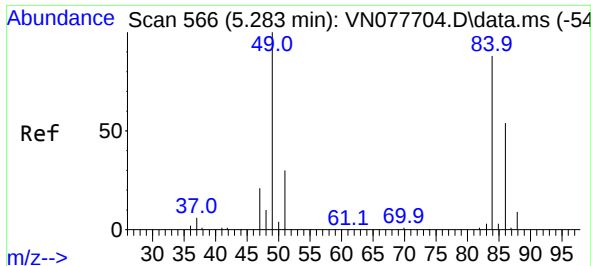
Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7



#16
Acetone
Concen: 1.054 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Tgt Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
58 15.5 28.0 42.0#

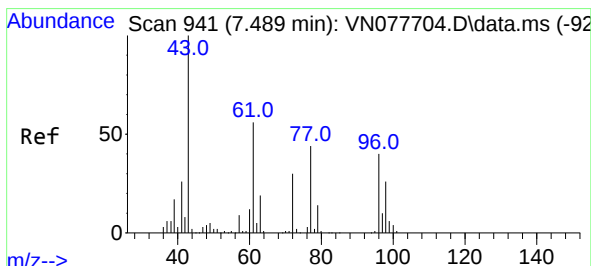
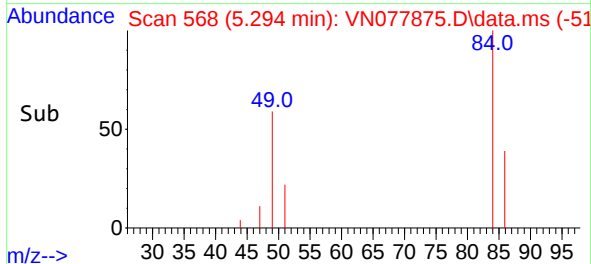
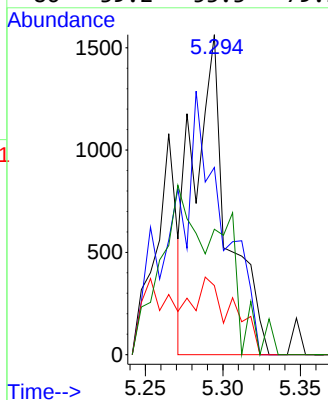
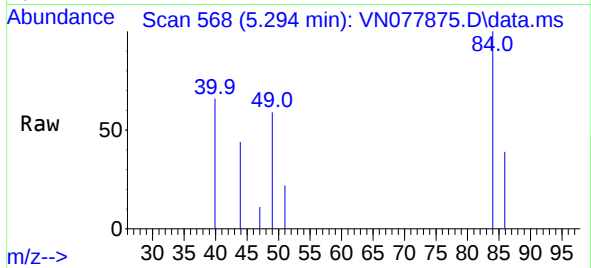




#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 50
Delta R.T. 0.011 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

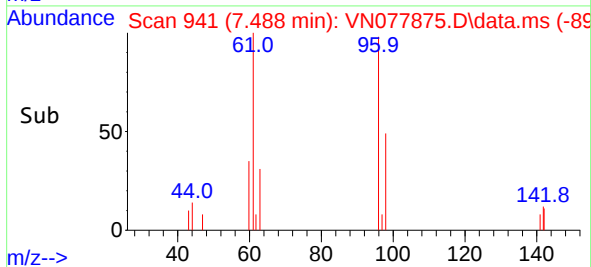
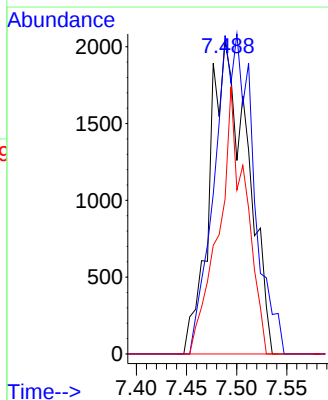
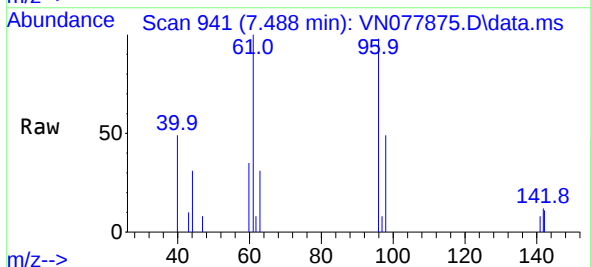
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME

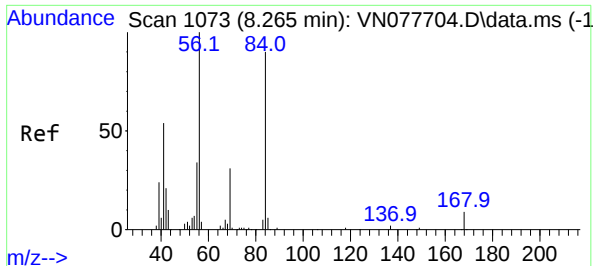
Tgt Ion: 84 Resp: 2394
Ion Ratio Lower Upper
84 100
49 58.5 79.7 119.5#
51 21.6 25.2 37.8#
86 39.2 53.3 79.9#



#27
cis-1,2-Dichloroethene
Concen: 0.792 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Tgt Ion: 96 Resp: 5358
Ion Ratio Lower Upper
96 100
61 105.0 0.0 255.2
98 61.1 0.0 128.8





#31

Cyclohexane

Concen: 1.049 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-18-051823ME

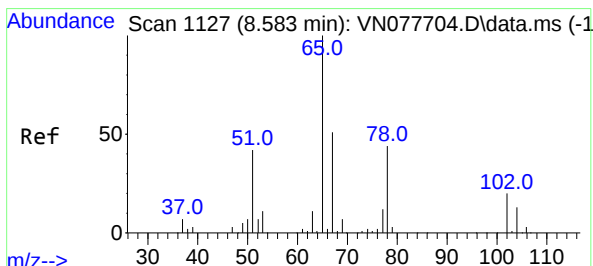
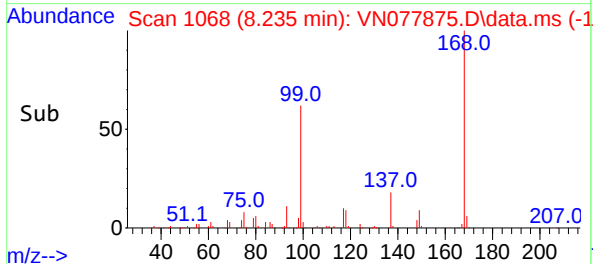
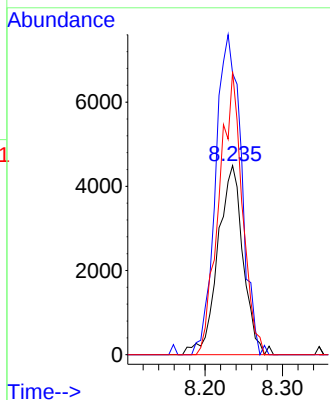
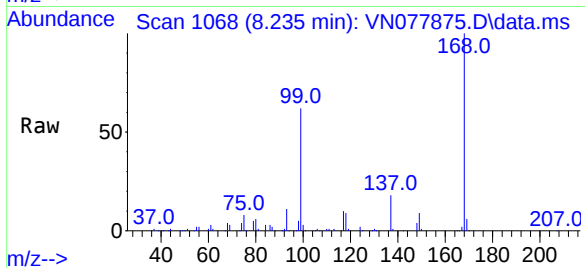
Tgt Ion: 56 Resp: 10192

Ion Ratio Lower Upper

56 100

69 148.8 26.8 40.2#

84 149.7 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 41.882 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077875.D

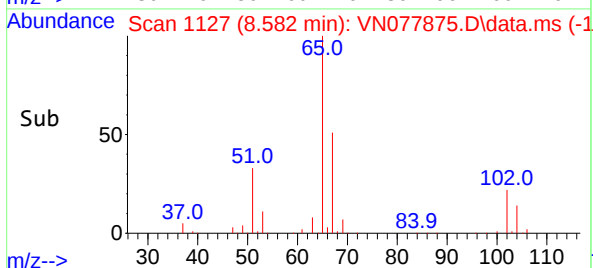
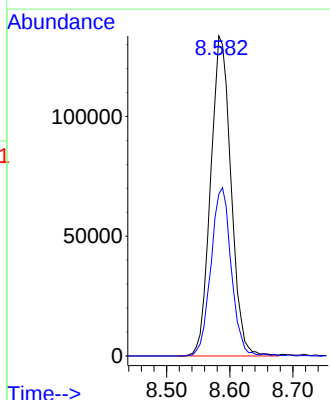
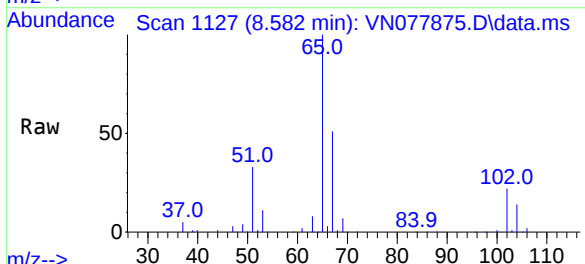
Acq: 25 May 2023 02:35

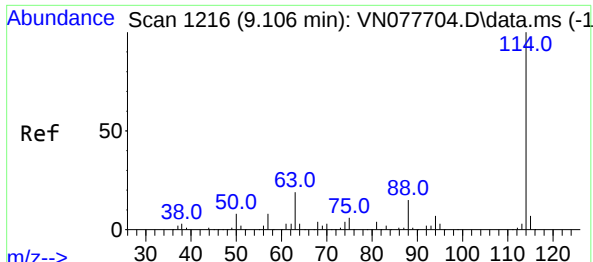
Tgt Ion: 65 Resp: 299422

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6

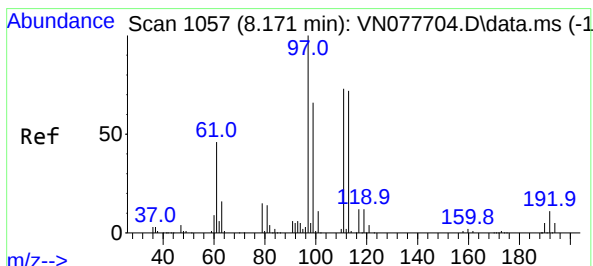
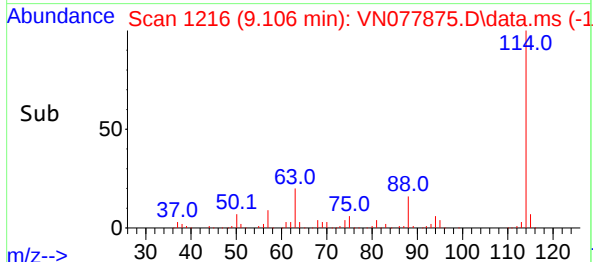
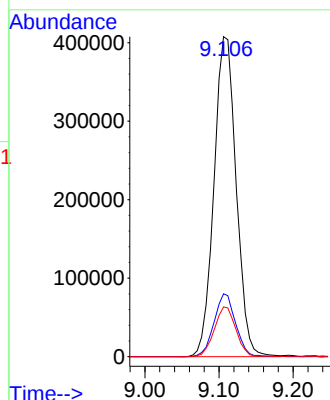
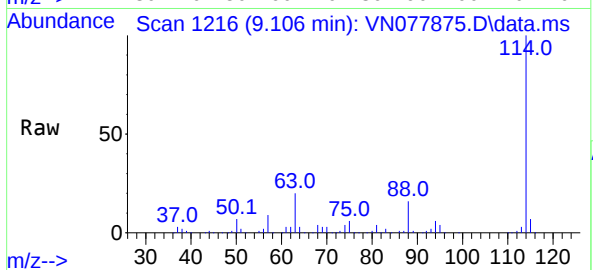




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

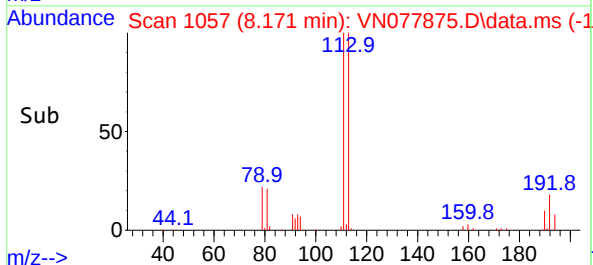
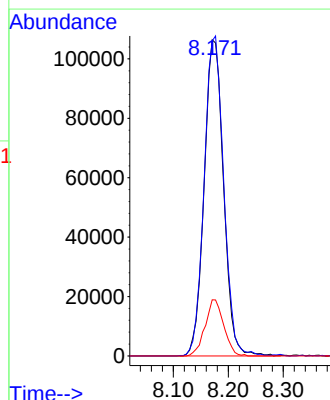
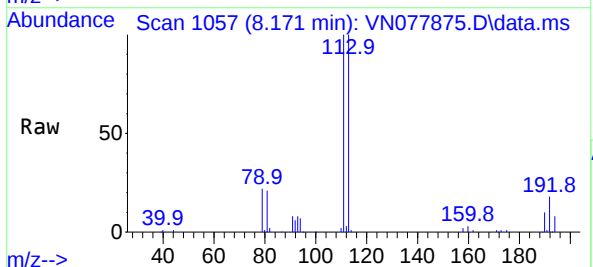
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME

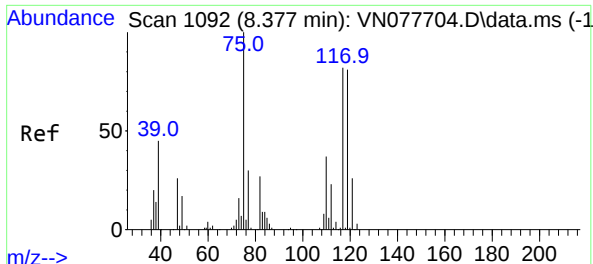
Tgt Ion:114 Resp: 848873
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.081 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Tgt Ion:113 Resp: 260613
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 17.2 12.7 19.1

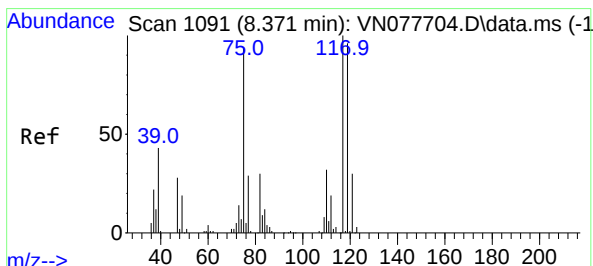
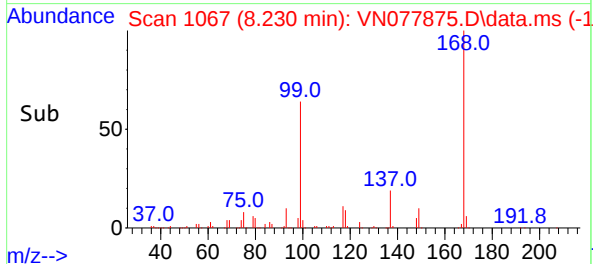
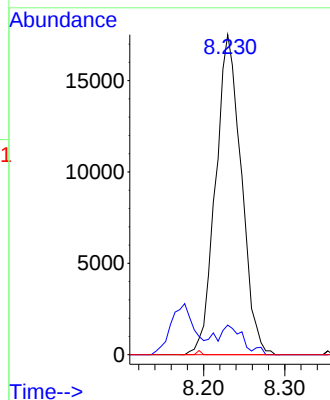
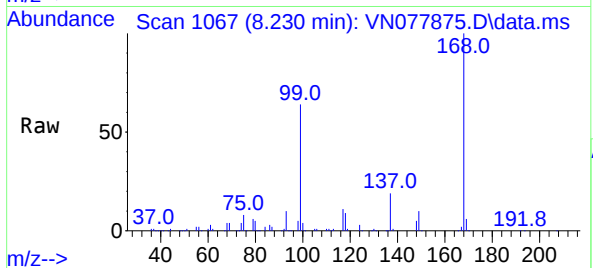




#36
1,1-Dichloropropene
Concen: 4.749 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

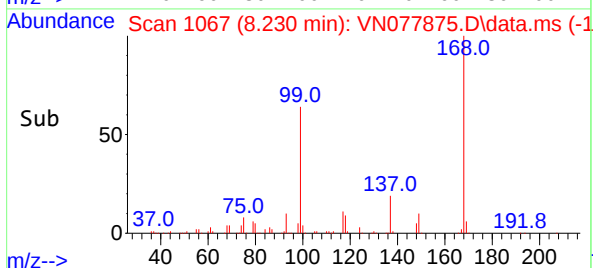
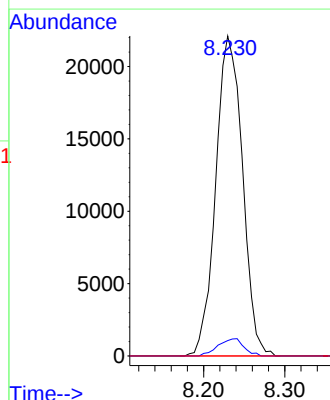
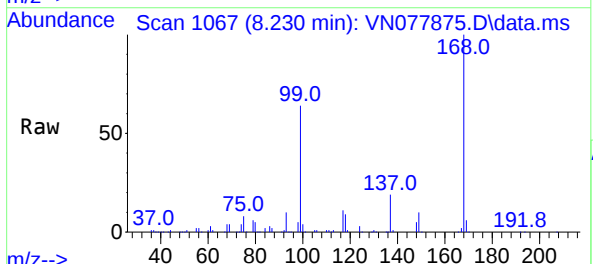
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-18-051823ME

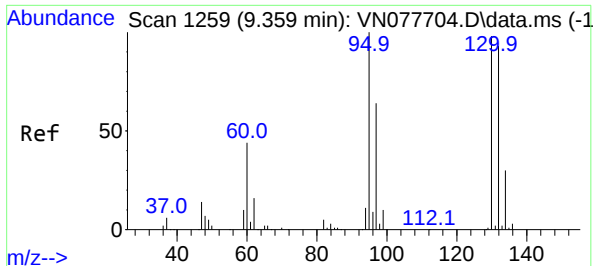
Tgt Ion: 75 Resp: 38450
Ion Ratio Lower Upper
75 100
110 7.2 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Tgt Ion: 117 Resp: 50600
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 23.3 34.9#

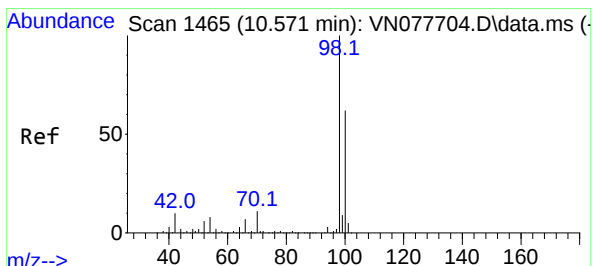
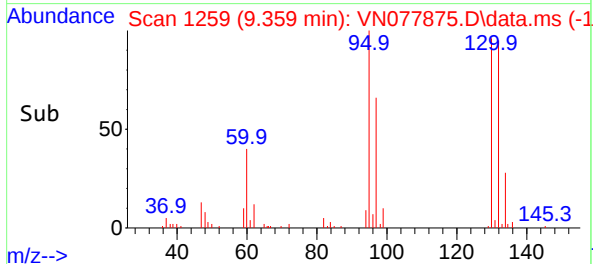
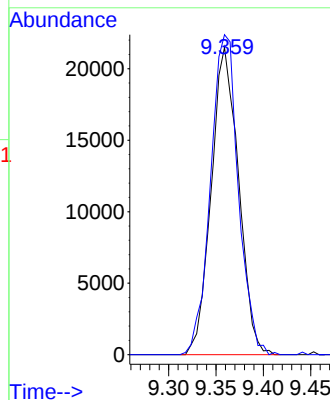
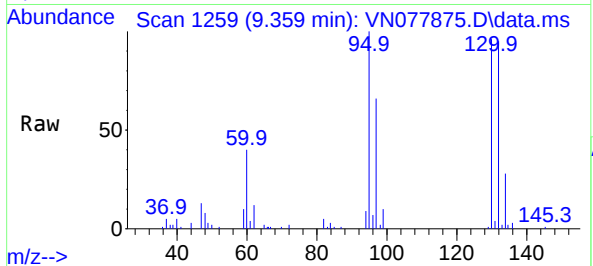




#44
 Trichloroethene
 Concen: 7.128 ug/l
 RT: 9.359 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN077875.D
 Acq: 25 May 2023 02:35

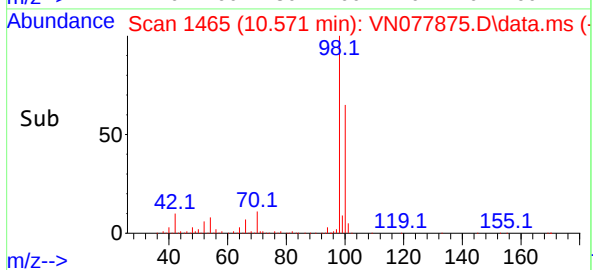
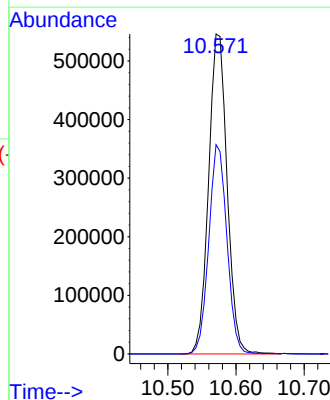
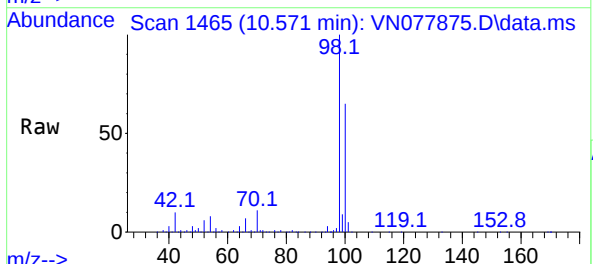
Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-18-051823ME

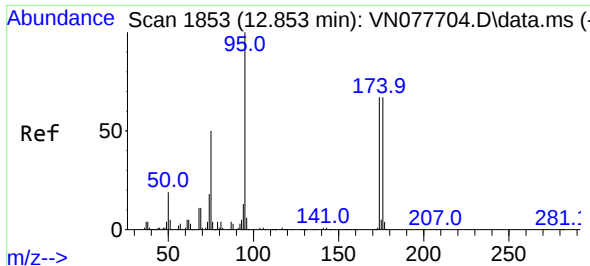
Tgt Ion:130 Resp: 43123
 Ion Ratio Lower Upper
 130 100
 95 104.1 0.0 204.6



#50
 Toluene-d8
 Concen: 48.469 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN077875.D
 Acq: 25 May 2023 02:35

Tgt Ion: 98 Resp: 1032687
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.0 78.0

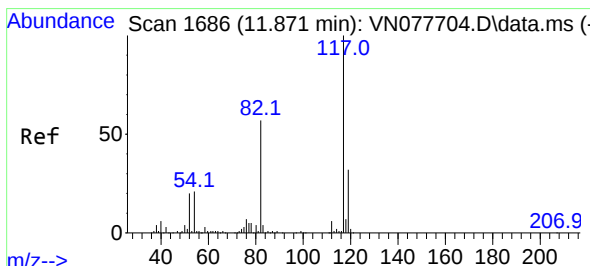
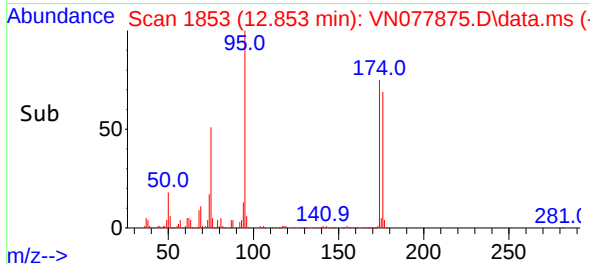
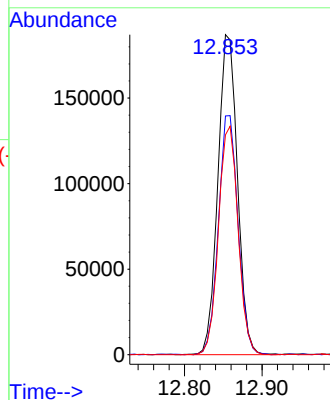
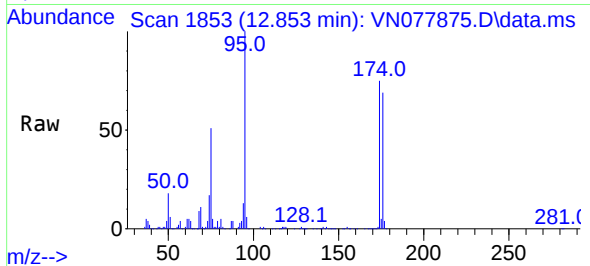




#62
4-Bromofluorobenzene
Concen: 43.648 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

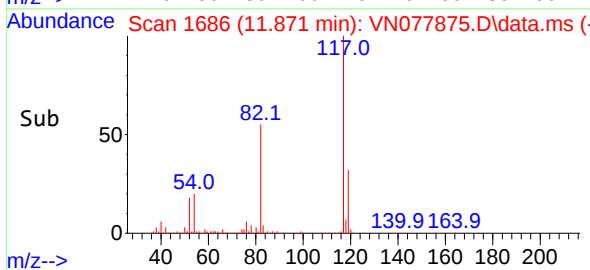
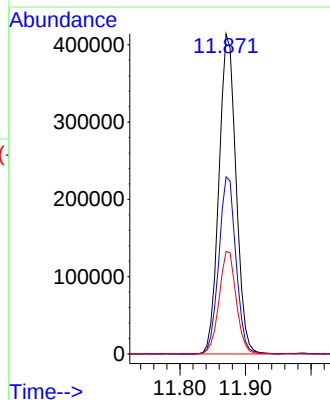
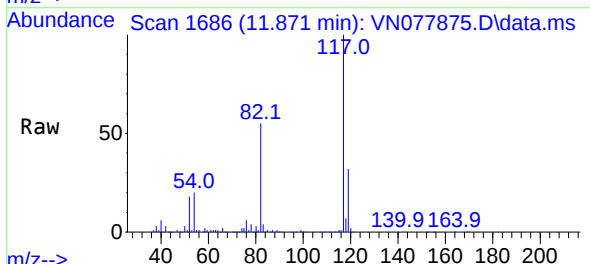
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME

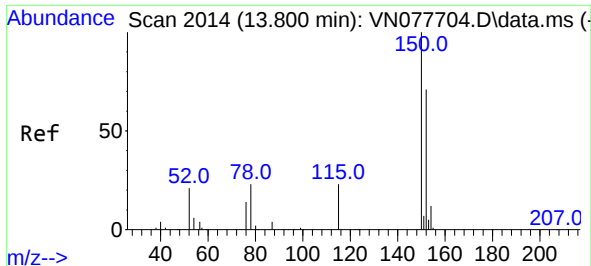
Tgt Ion: 95 Resp: 328451
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Tgt Ion: 117 Resp: 745603
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 32.0 25.6 38.4

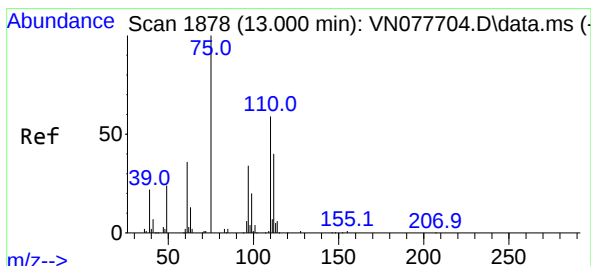
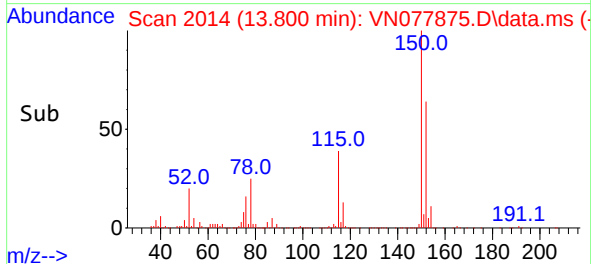
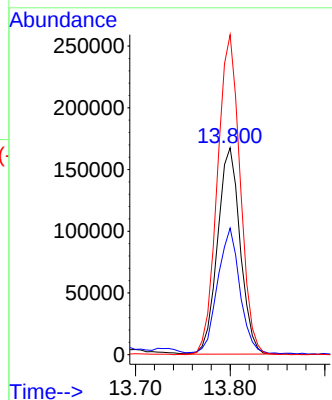
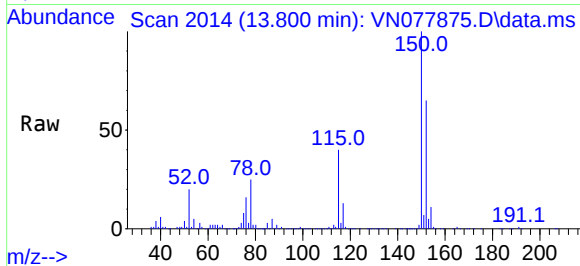




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

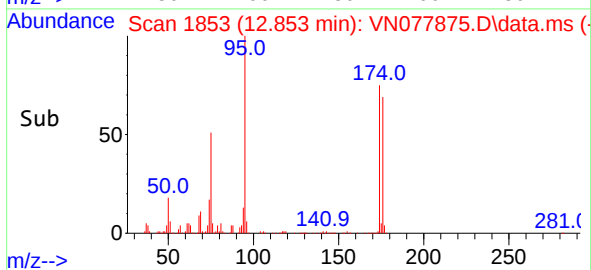
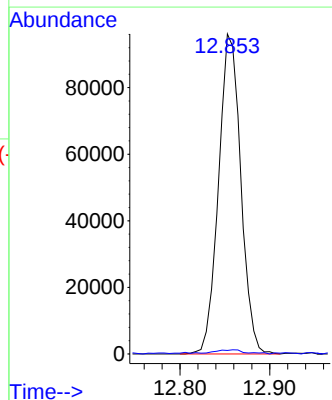
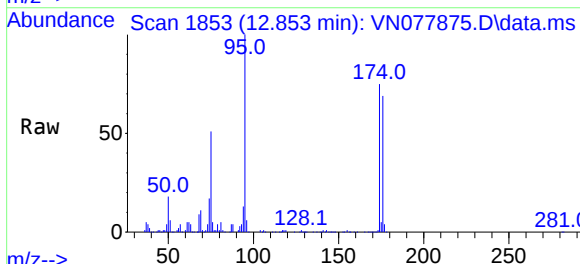
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME

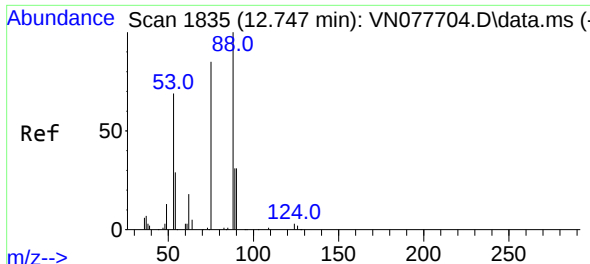
Tgt Ion:152 Resp: 277388
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 156.1 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 23.833 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Tgt Ion: 75 Resp: 165564
Ion Ratio Lower Upper
75 100
77 1.7 84.5 253.5#

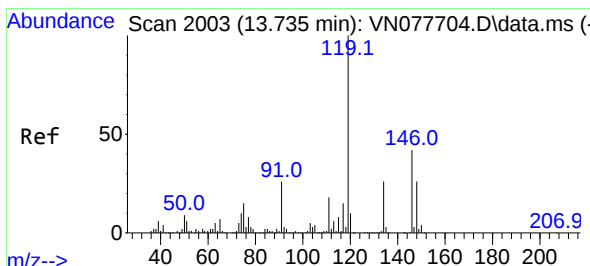
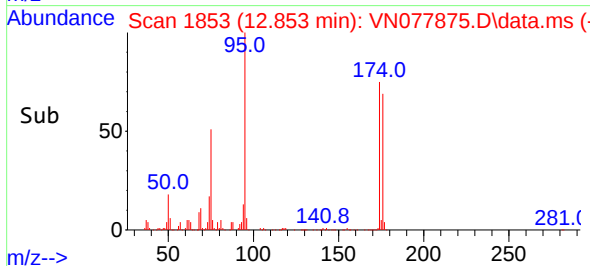
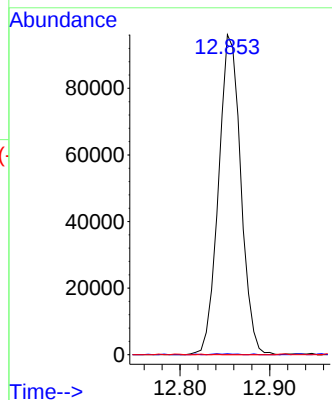
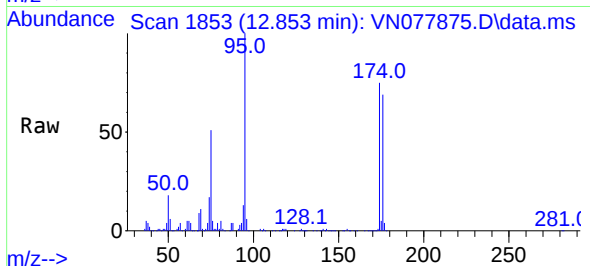




#81
trans-1,4-Dichloro-2-butene
Concen: 76.183 ug/l
RT: 12.853 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

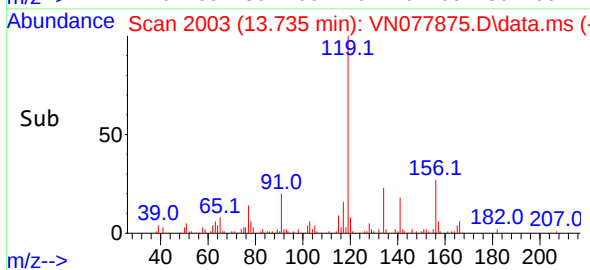
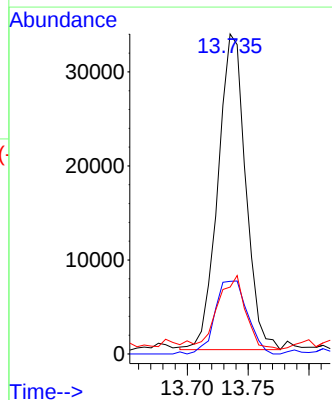
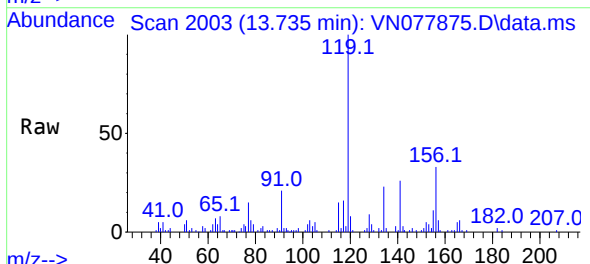
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-18-051823ME

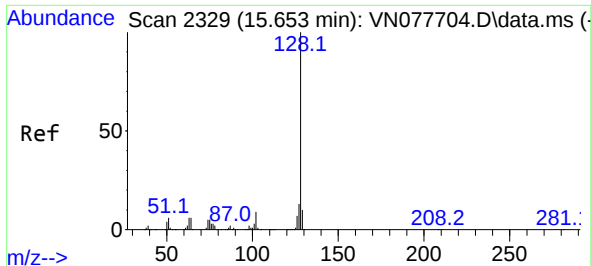
Tgt Ion: 75 Resp: 165564
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#86
p-Isopropyltoluene
Concen: 2.677 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

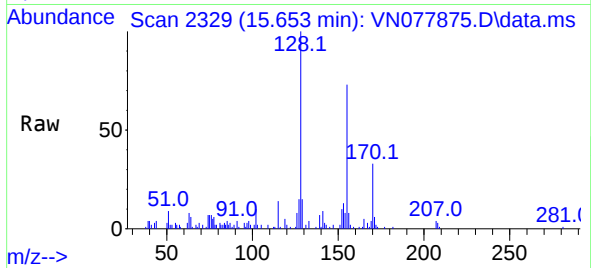
Tgt Ion: 119 Resp: 53206
Ion Ratio Lower Upper
119 100
134 27.1 12.6 37.8
91 23.2 12.4 37.2





#95
Naphthalene
Concen: 1.957 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME



Tgt Ion:128 Resp: 37103
Ion Ratio Lower Upper
128 100
127 21.9 10.0 15.0#
129 20.7 8.7 13.1#

