

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075448.D
 Acq On : 28 Nov 2022 15:00
 Operator : JC\MD
 Sample : N5757-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20221121

Quant Time: Nov 29 05:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

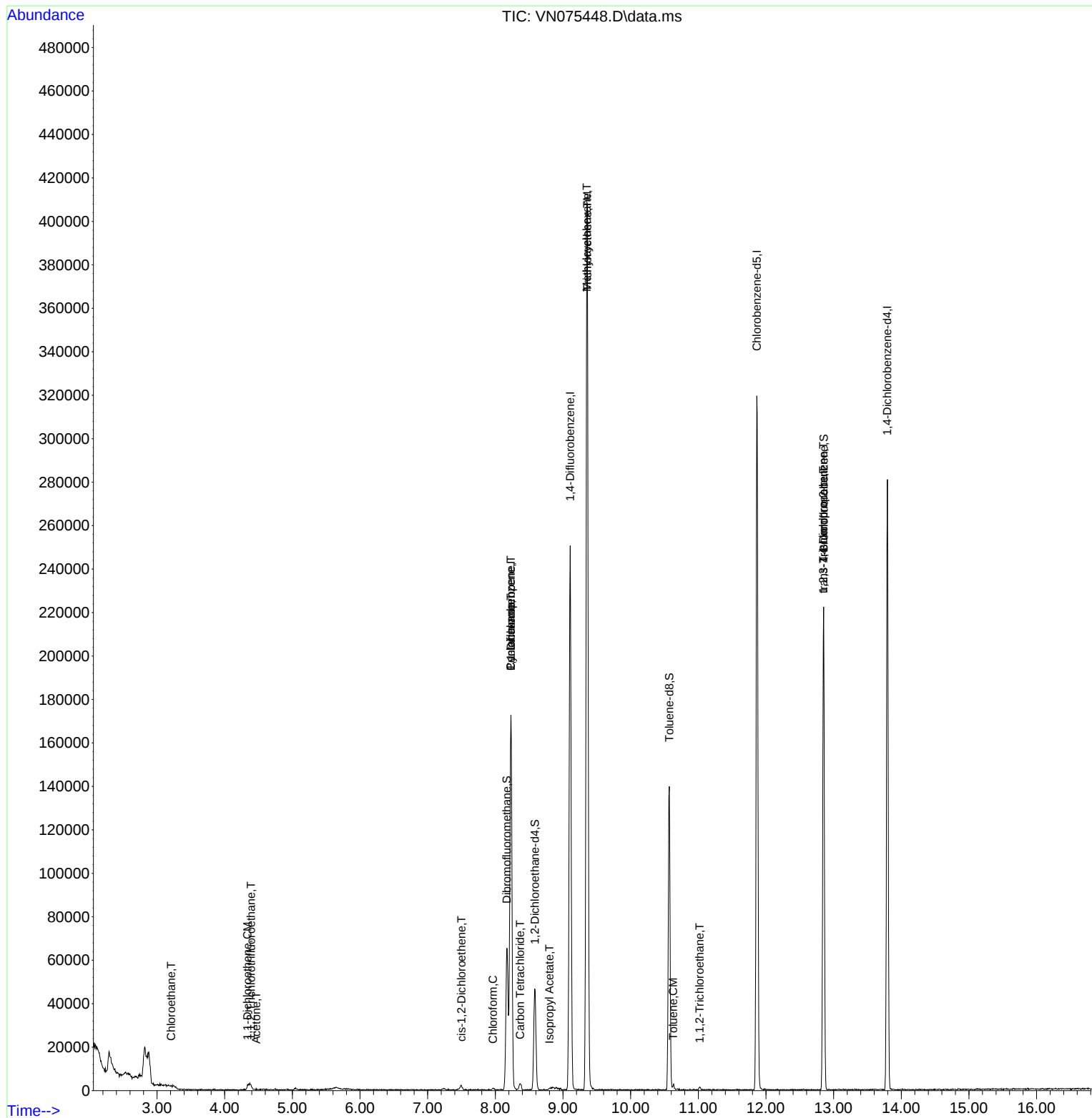
Internal Standards						
1) Pentafluorobenzene	8.229	168	130344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	229912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39726	56.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.560%	
35) Dibromofluoromethane	8.171	113	47941	53.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	10.571	98	100733	49.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.853	95	77720	51.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.520%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.206	64	274	0.231	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.389	101	1403	1.138	ug/l #	75
12) 1,1-Dichloroethene	4.336	96	1301	1.078	ug/l #	46
16) Acetone	4.465	43	254	0.389	ug/l #	43
18) Methyl Acetate	5.036	43	883	Below Cal		100
20) Methylene Chloride	5.300	84	58	Below Cal	#	7
27) cis-1,2-Dichloroethene	7.500	96	1742	1.120	ug/l	68
30) Chloroform	7.965	83	775	0.295	ug/l	93
31) Cyclohexane	8.229	56	2775	1.248	ug/l #	30
36) 1,1-Dichloropropene	8.229	75	9681	4.915	ug/l #	51
38) Carbon Tetrachloride	8.365	117	2397	1.108	ug/l #	79
39) Methylcyclohexane	9.353	83	1843	0.748	ug/l #	1
43) Isopropyl Acetate	8.800	43	591	0.208	ug/l #	53
44) Trichloroethene	9.359	130	154588	93.687	ug/l	92
52) Toluene	10.629	92	1314	0.338	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	573	0.362	ug/l #	82
76) 1,2,3-Trichloropropane	12.847	75	39026	26.141	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39026	77.346	ug/l #	10

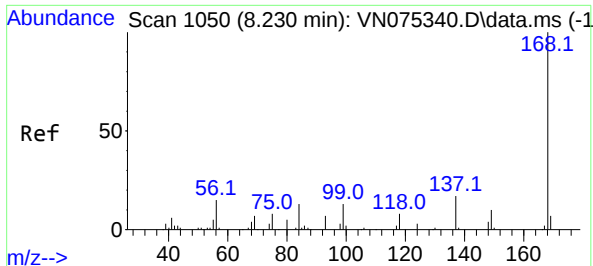
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
Data File : VN075448.D
Acq On : 28 Nov 2022 15:00
Operator : JC\MD
Sample : N5757-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

Quant Time: Nov 29 05:32:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

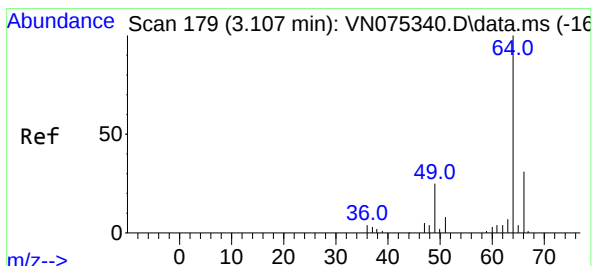
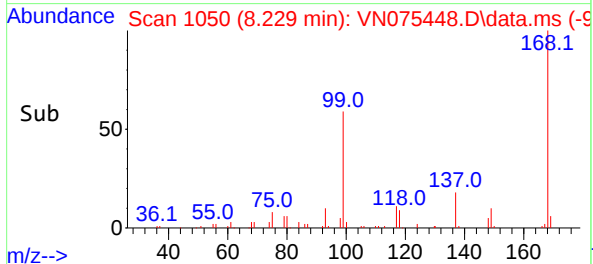
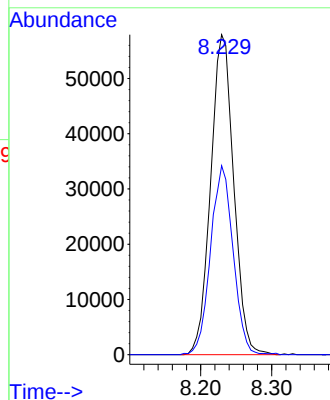
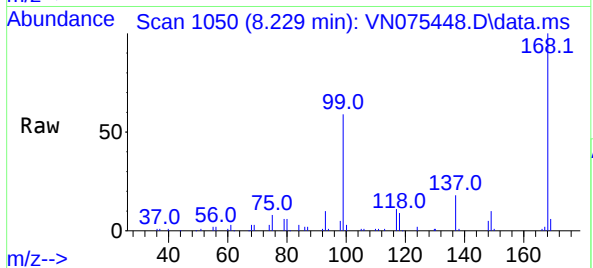




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

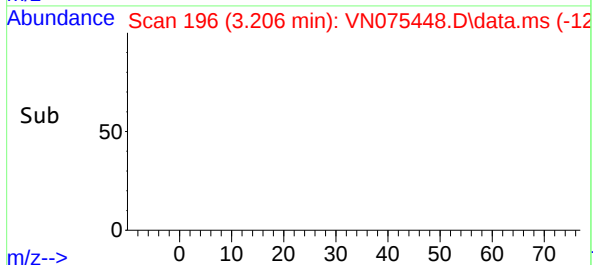
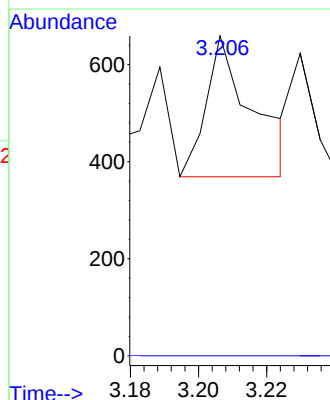
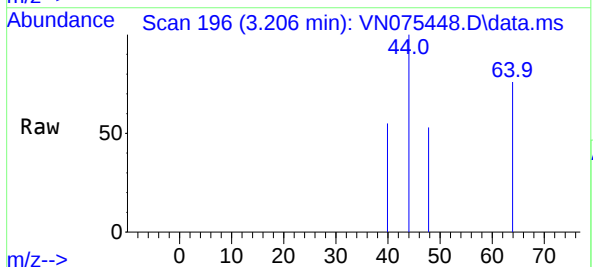
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

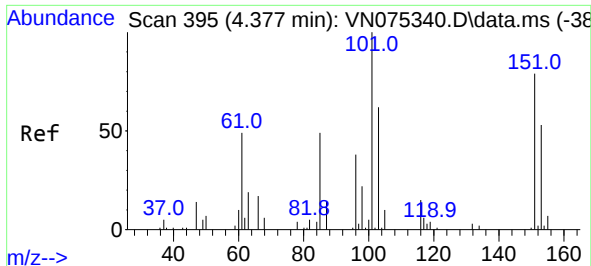
Tgt Ion:168 Resp: 130344
Ion Ratio Lower Upper
168 100
99 59.1 51.6 77.4



#6
Chloroethane
Concen: 0.231 ug/l
RT: 3.206 min Scan# 196
Delta R.T. 0.099 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

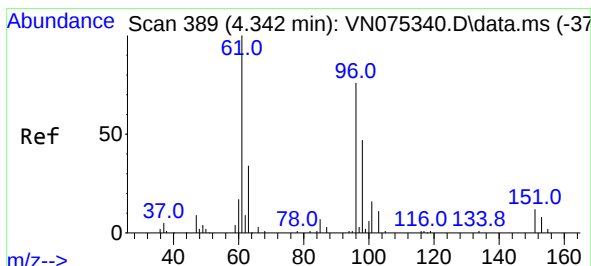
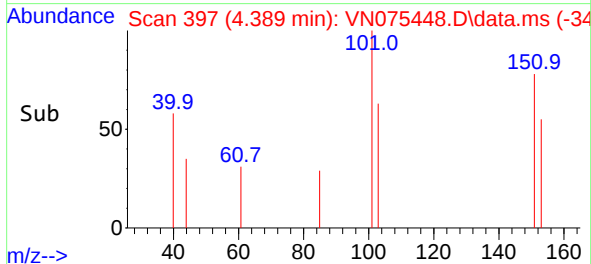
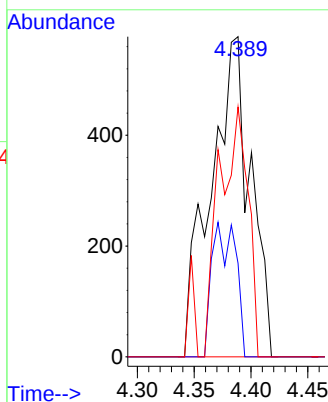
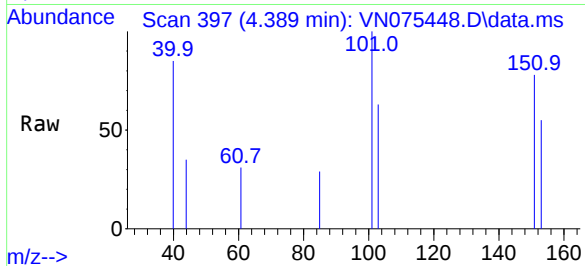




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.138 ug/l
RT: 4.389 min Scan# 395
Delta R.T. 0.012 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

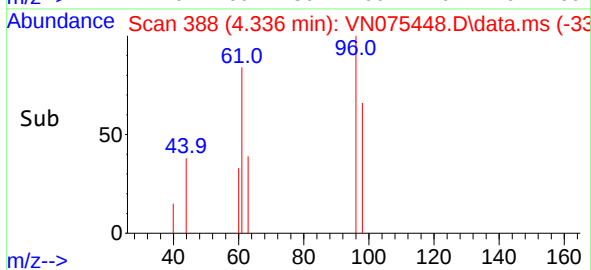
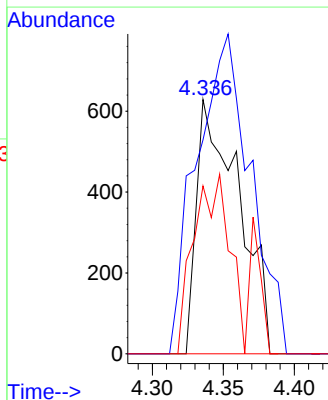
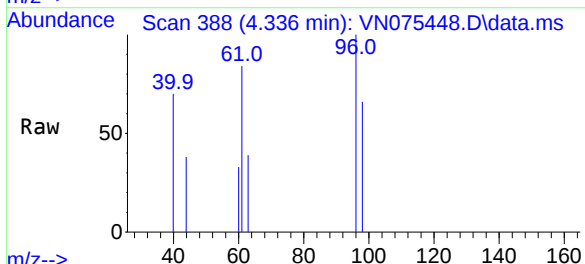
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

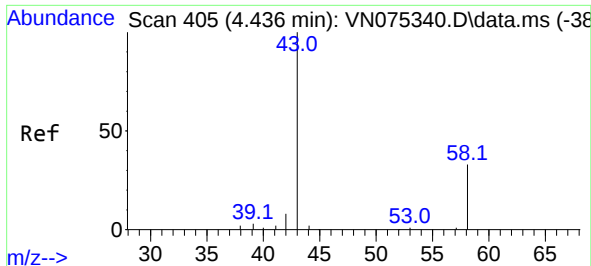
Tgt Ion:101 Resp: 1403
Ion Ratio Lower Upper
101 100
85 24.9 37.6 56.4#
151 56.4 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 1.078 ug/l
RT: 4.336 min Scan# 388
Delta R.T. -0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 96 Resp: 1301
Ion Ratio Lower Upper
96 100
61 59.5 126.2 189.4#
98 66.0 51.5 77.3

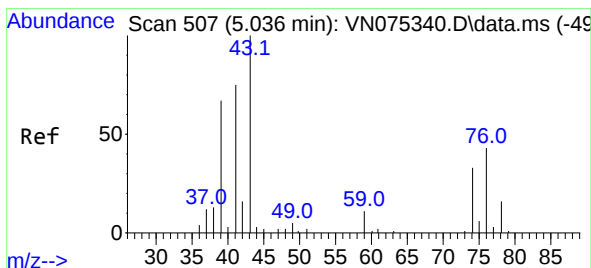
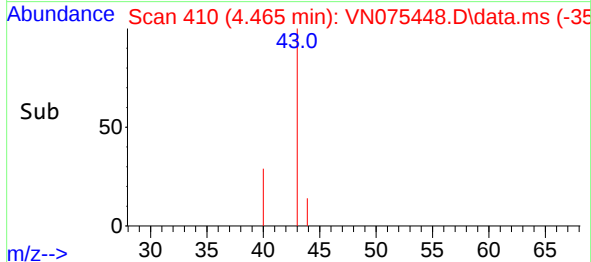
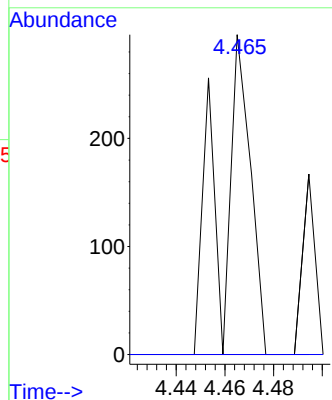
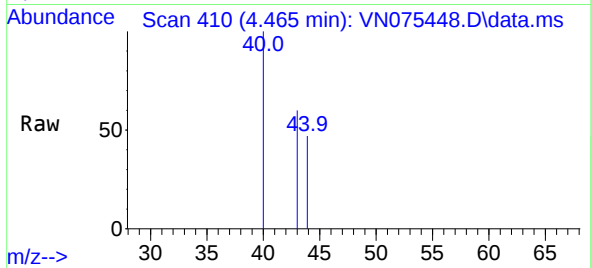




#16
Acetone
Concen: 0.389 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.029 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

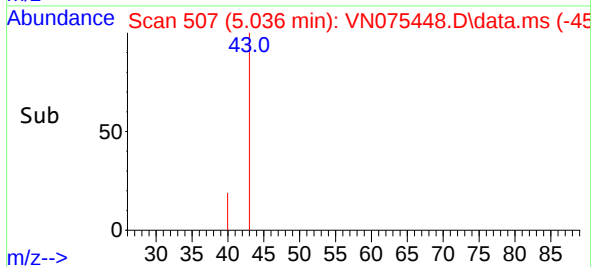
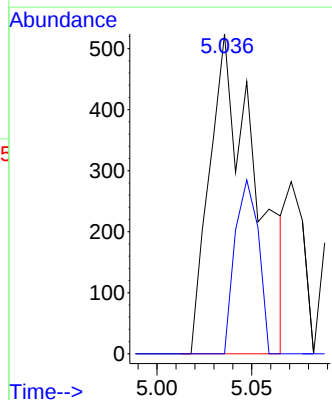
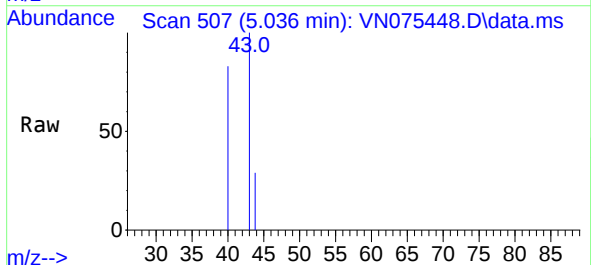
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

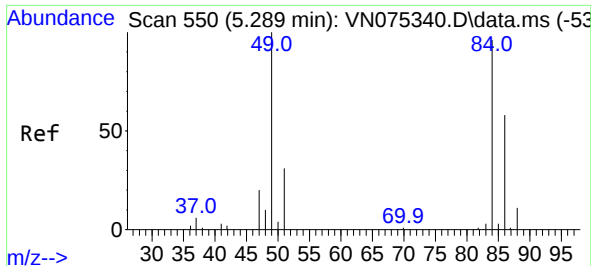
Tgt Ion: 43 Resp: 254
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
74 27.7 22.0 33.0

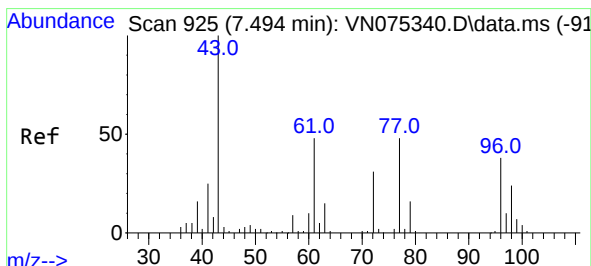
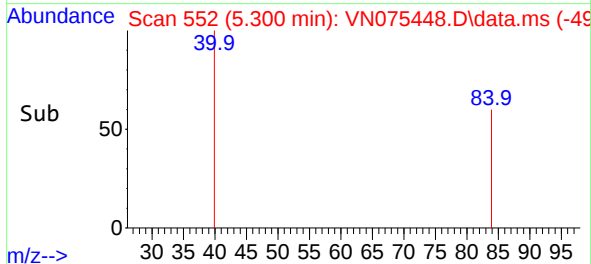
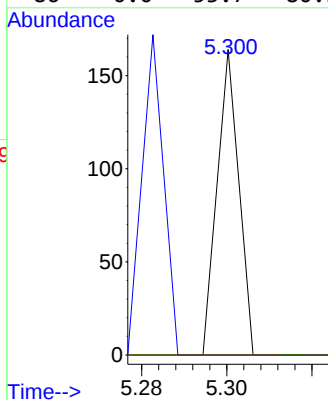
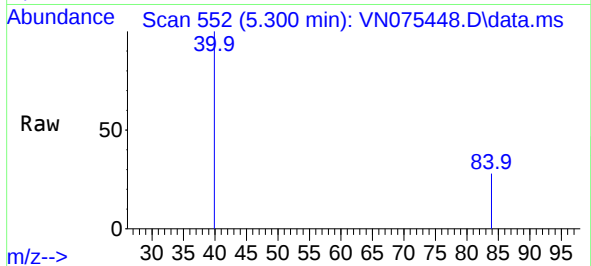




#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

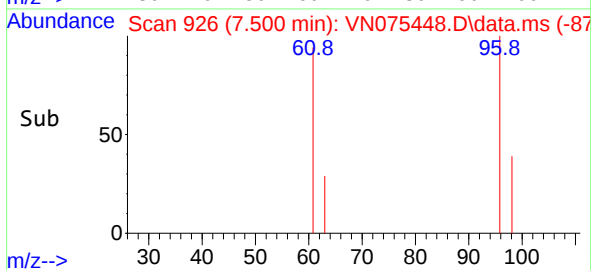
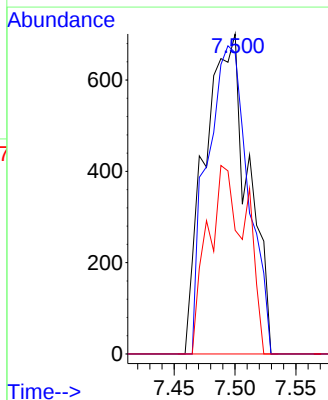
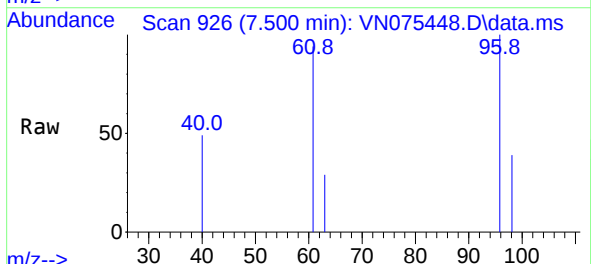
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

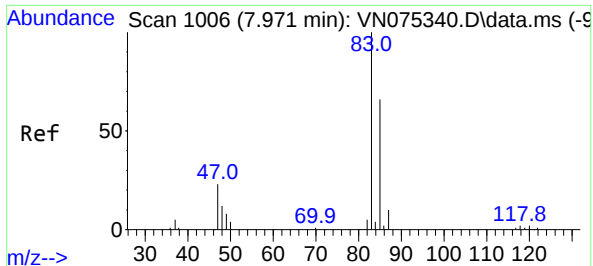
Tgt Ion: 84	Resp: 58
Ion Ratio	Lower Upper
84 100	
49 0.0	94.9 142.3#
51 0.0	26.8 40.2#
86 0.0	53.7 80.5#



#27
cis-1,2-Dichloroethene
Concen: 1.120 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 96	Resp: 1742
Ion Ratio	Lower Upper
96 100	
61 91.0	0.0 278.8
98 51.8	0.0 128.4





#30

Chloroform

Concen: 0.295 ug/l

RT: 7.965 min Scan# 1005

Delta R.T. -0.006 min

Lab File: VN075448.D

Acq: 28 Nov 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

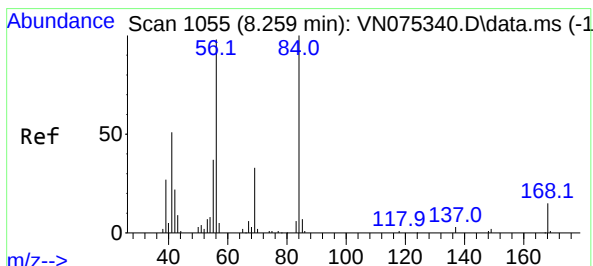
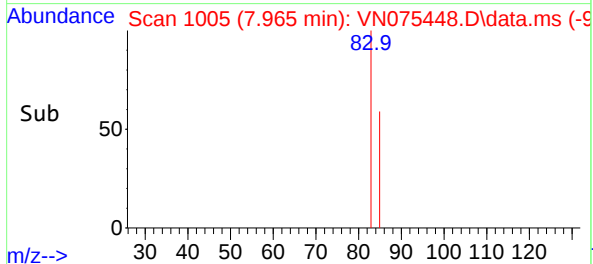
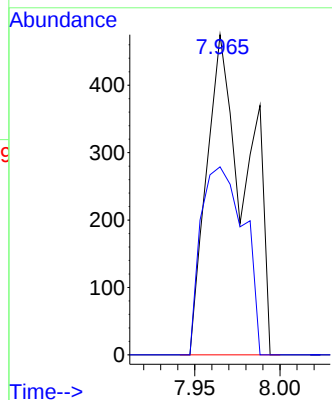
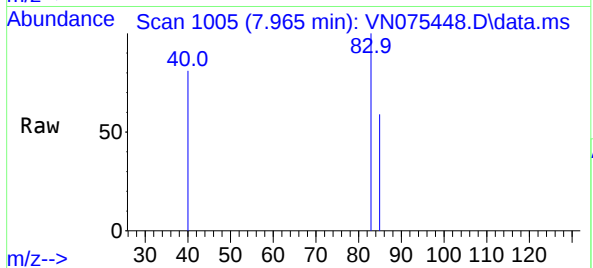
DUP03-20221121

Tgt Ion: 83 Resp: 775

Ion Ratio Lower Upper

83 100

85 58.7 51.4 77.0



#31

Cyclohexane

Concen: 1.248 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.030 min

Lab File: VN075448.D

Acq: 28 Nov 2022 15:00

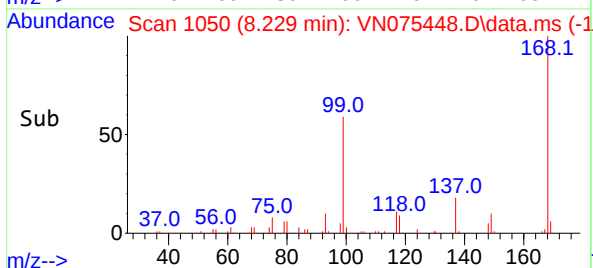
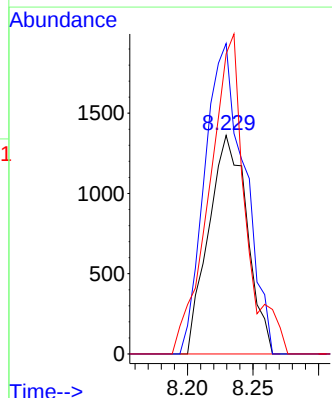
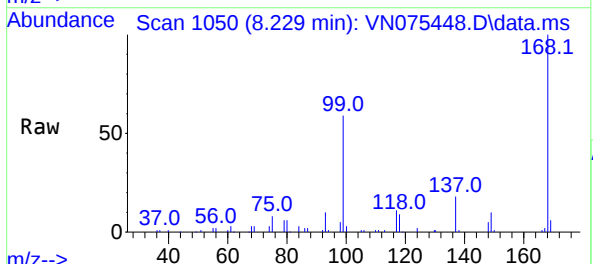
Tgt Ion: 56 Resp: 2775

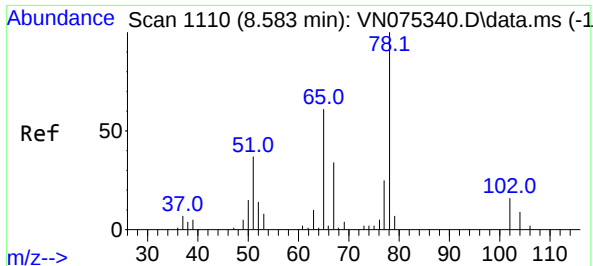
Ion Ratio Lower Upper

56 100

69 142.0 25.2 37.8#

84 125.3 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 56.778 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075448.D

Acq: 28 Nov 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

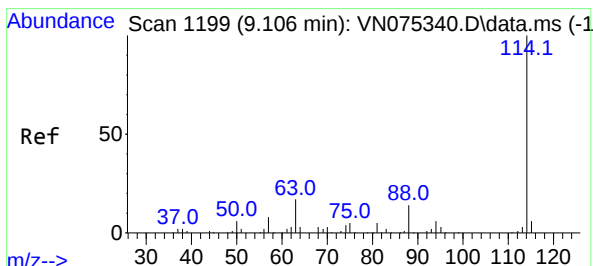
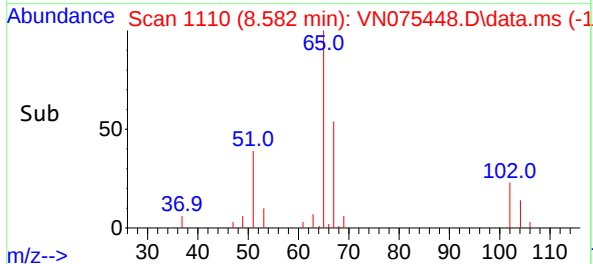
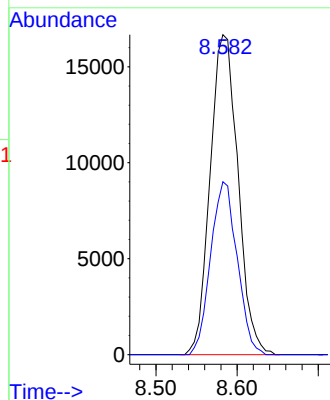
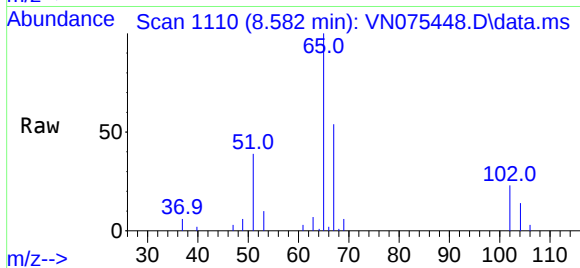
DUP03-20221121

Tgt Ion: 65 Resp: 39726

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075448.D

Acq: 28 Nov 2022 15:00

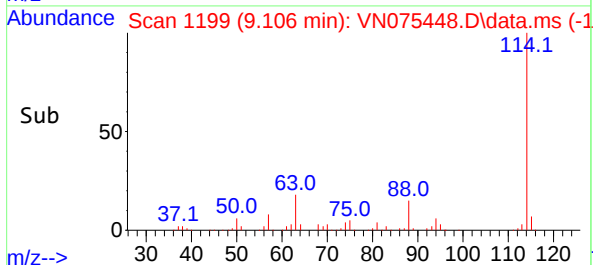
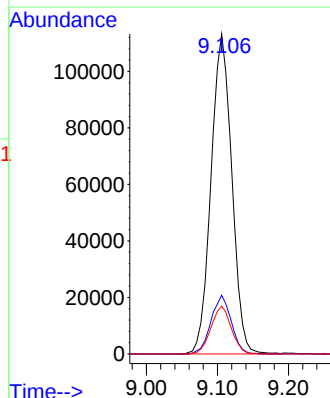
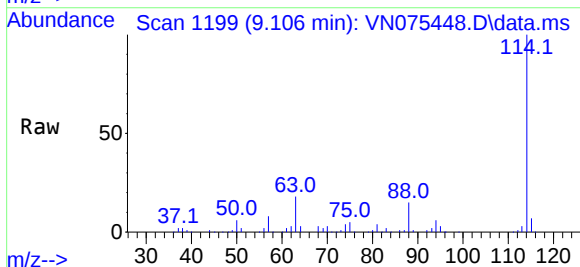
Tgt Ion: 114 Resp: 229912

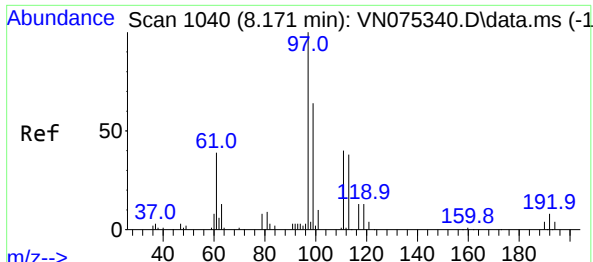
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.0 0.0 29.0



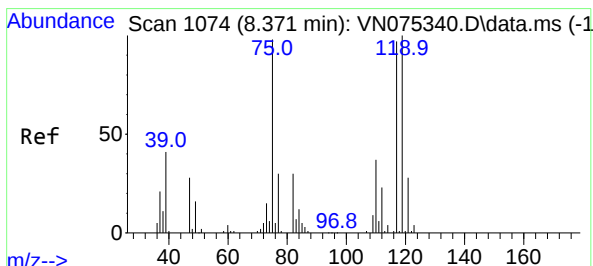
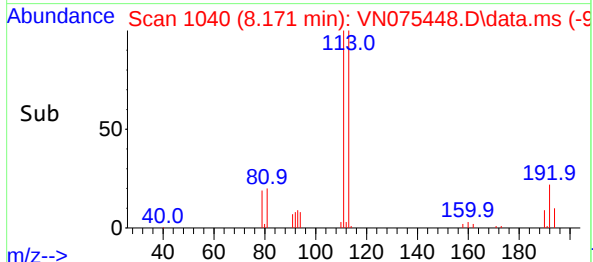
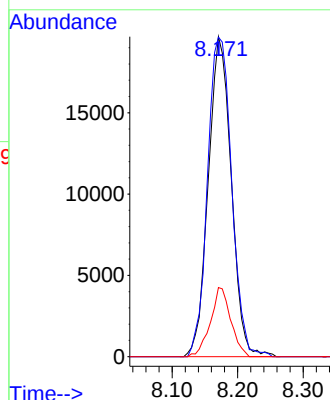
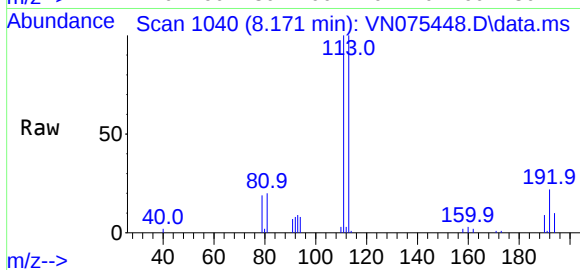


#35
Dibromofluoromethane
Concen: 53.081 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

Tgt Ion:113 Resp: 47941

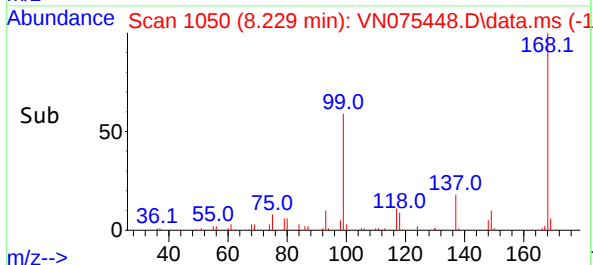
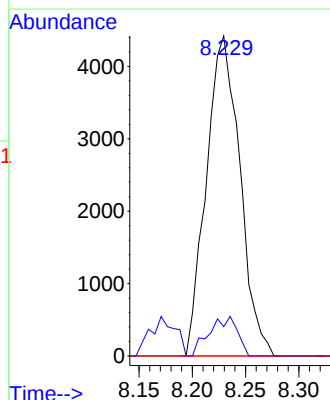
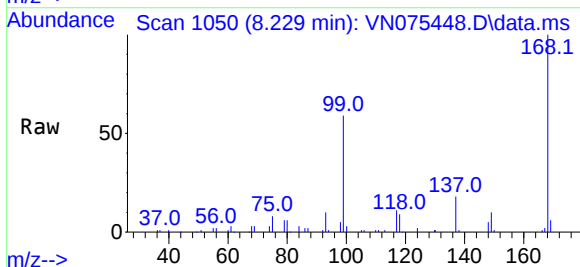
Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.5	120.7
192	19.1	13.2	19.8

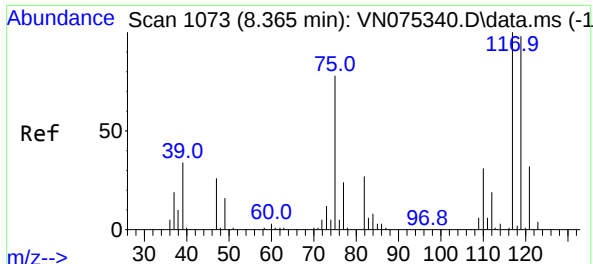


#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 75 Resp: 9681

Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.8	53.3#
77	0.0	24.6	37.0#

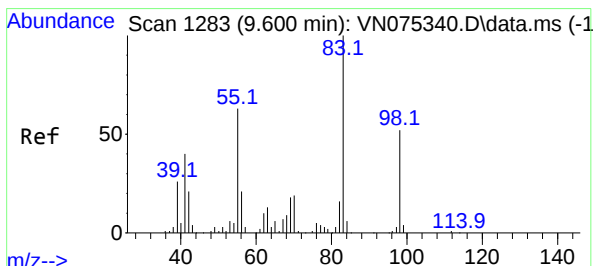
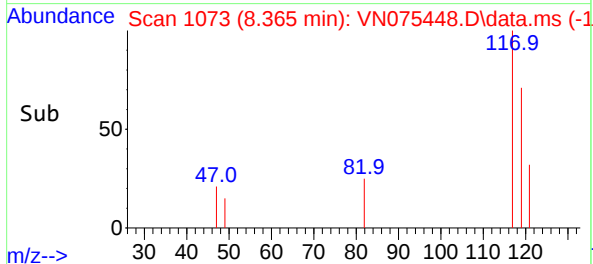
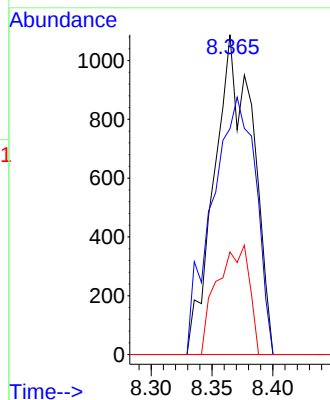
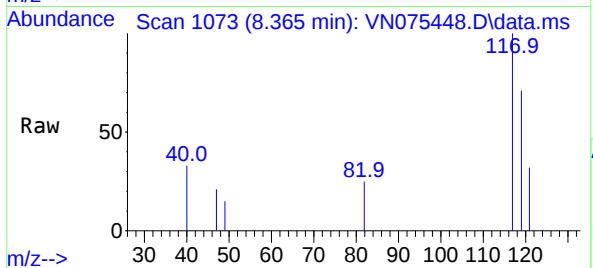




#38
Carbon Tetrachloride
Concen: 1.108 ug/l
RT: 8.365 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

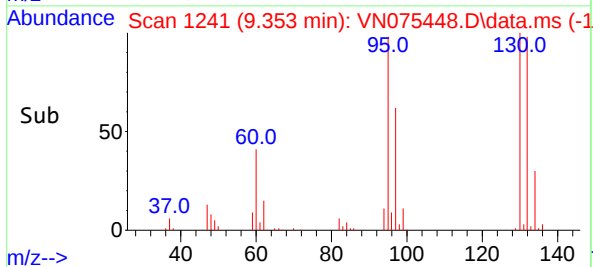
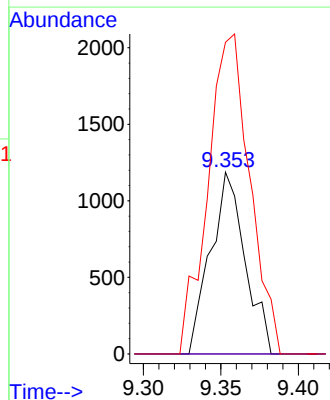
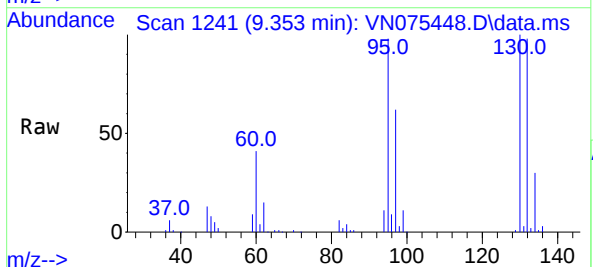
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

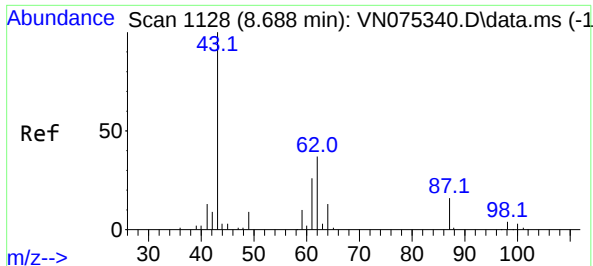
Tgt Ion:117 Resp: 2397
Ion Ratio Lower Upper
117 100
119 70.6 76.7 115.1#
121 32.1 23.9 35.9



#39
Methylcyclohexane
Concen: 0.748 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.247 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 83 Resp: 1843
Ion Ratio Lower Upper
83 100
55 0.0 53.6 80.4#
98 171.5 41.1 61.7#

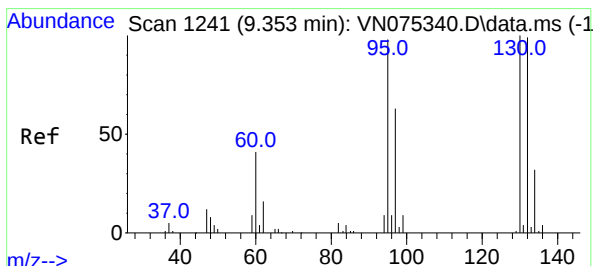
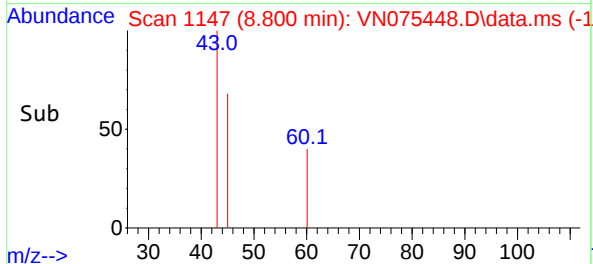
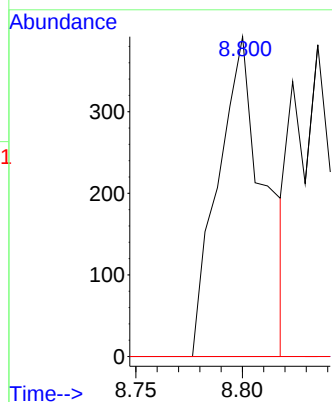
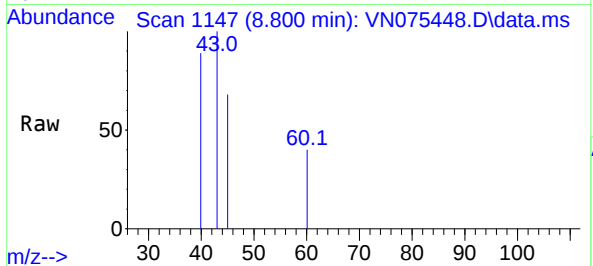




#43
Isopropyl Acetate
Concen: 0.208 ug/l
RT: 8.800 min Scan# 1128
Delta R.T. 0.112 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

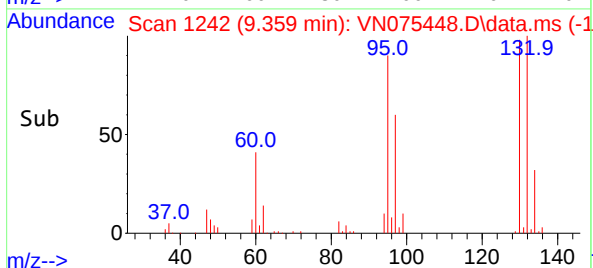
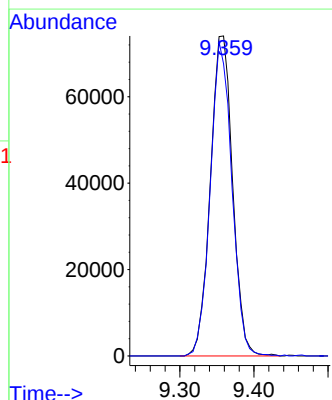
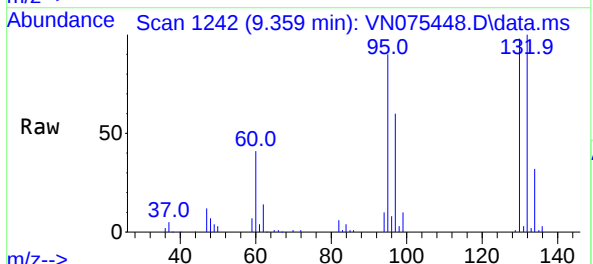
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

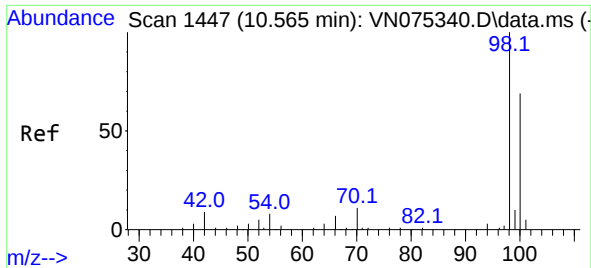
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#44
Trichloroethene
Concen: 93.687 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 130 Resp: 154588
Ion Ratio Lower Upper
130 100
95 91.3 0.0 198.4

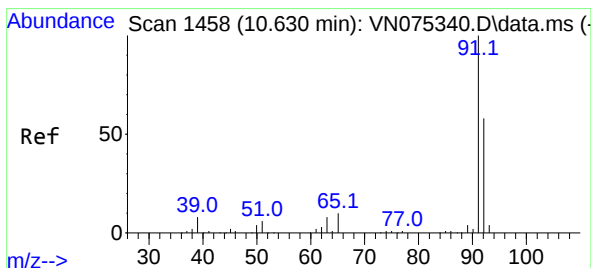
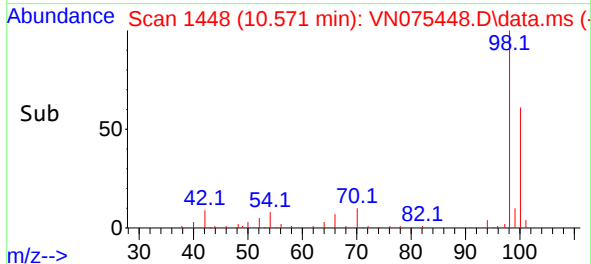
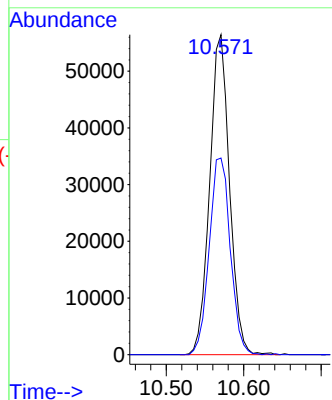
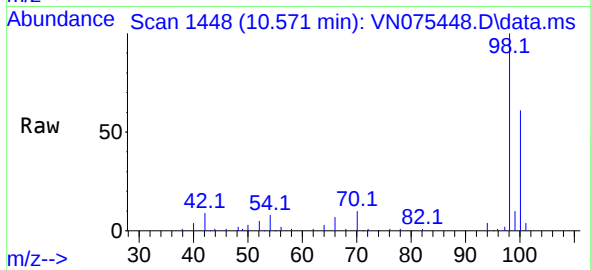




#50
Toluene-d8
Concen: 49.520 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

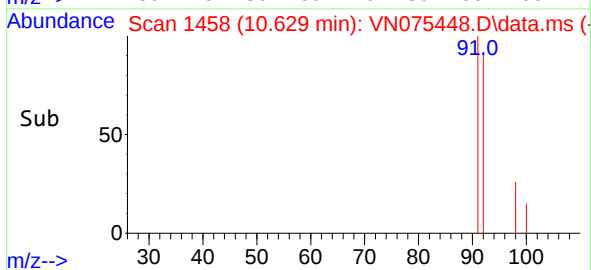
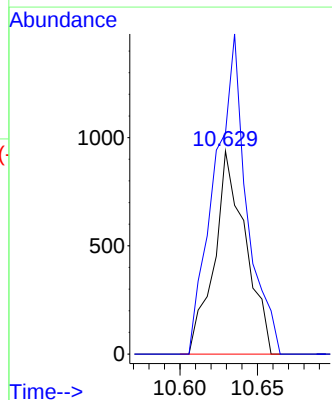
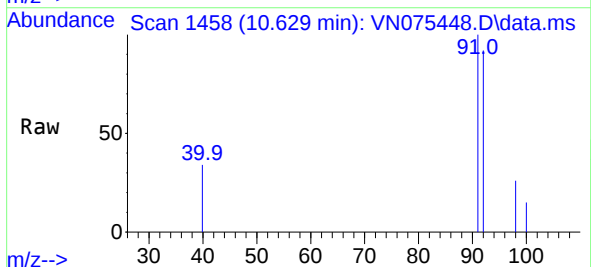
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

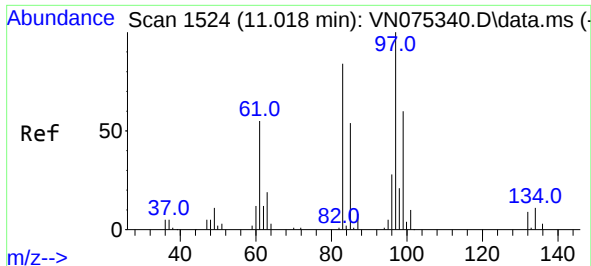
Tgt Ion: 98 Resp: 100733
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#52
Toluene
Concen: 0.338 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 92 Resp: 1314
Ion Ratio Lower Upper
92 100
91 161.8 135.4 203.2

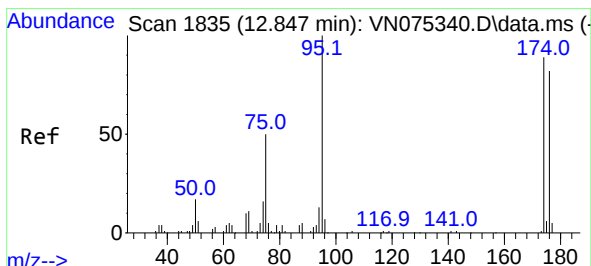
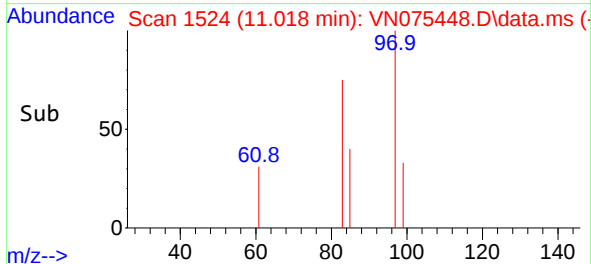
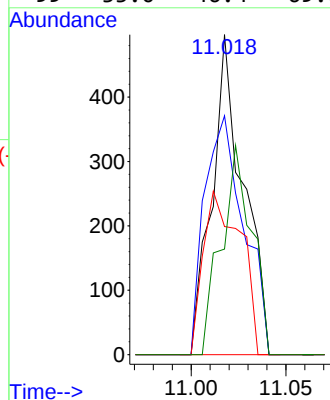
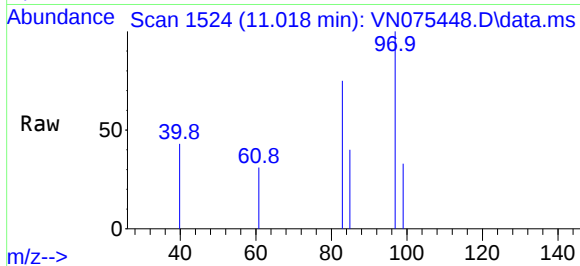




#55
1,1,2-Trichloroethane
Concen: 0.362 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

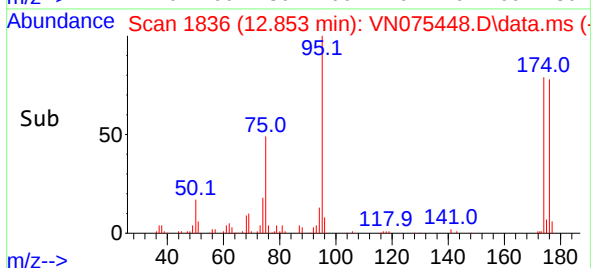
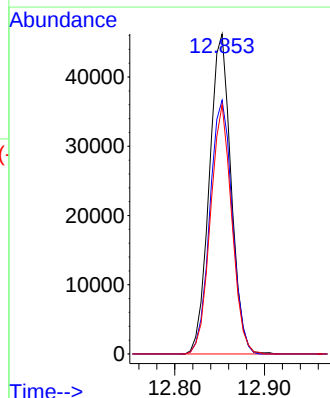
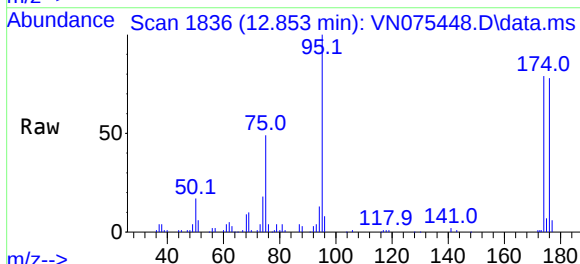
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

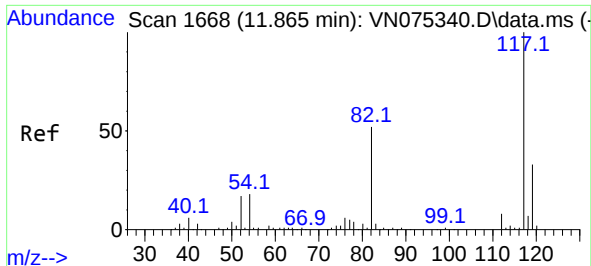
Tgt Ion: 97	Resp: 573
Ion Ratio	Lower Upper
97 100	
83 74.6	65.9 98.9
85 40.0	40.4 60.6#
99 33.0	46.4 69.6#



#62
4-Bromofluorobenzene
Concen: 51.763 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 95	Resp:	77720	
Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	147.4
176	76.1	0.0	142.2

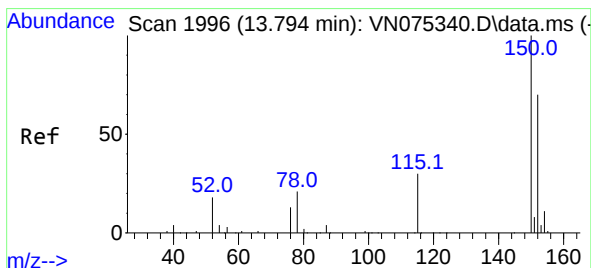
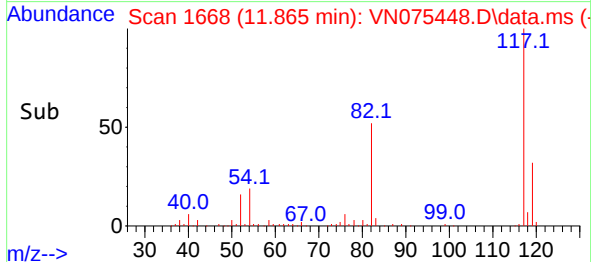
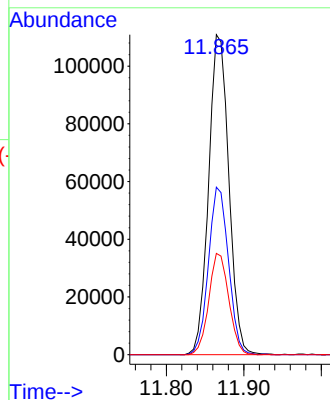
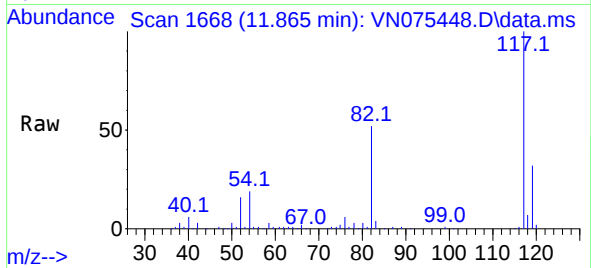




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

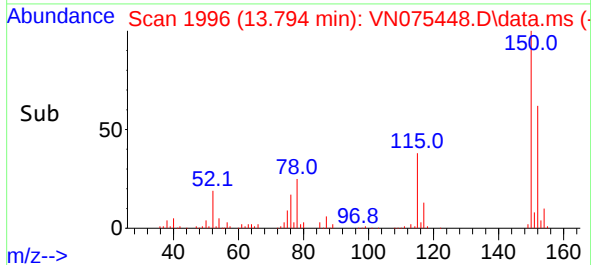
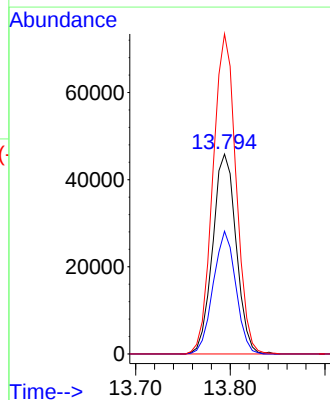
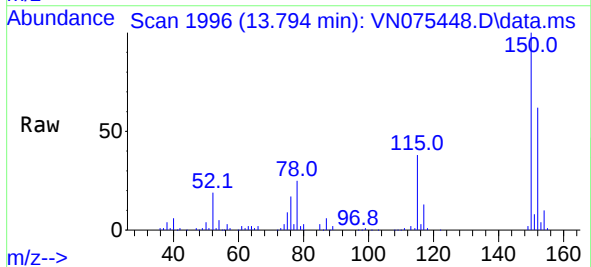
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

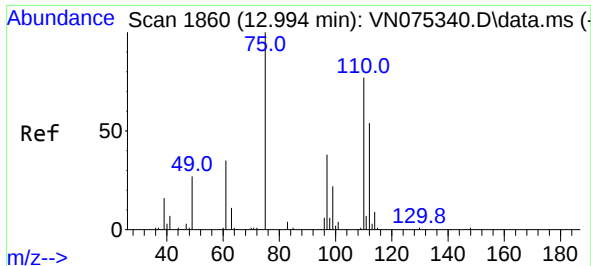
Tgt Ion:117 Resp: 200693
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion:152 Resp: 78958
Ion Ratio Lower Upper
152 100
115 59.2 30.2 90.6
150 158.0 0.0 348.4

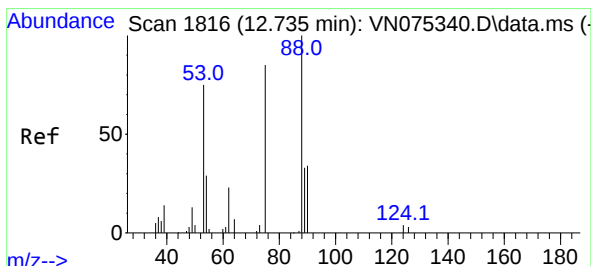
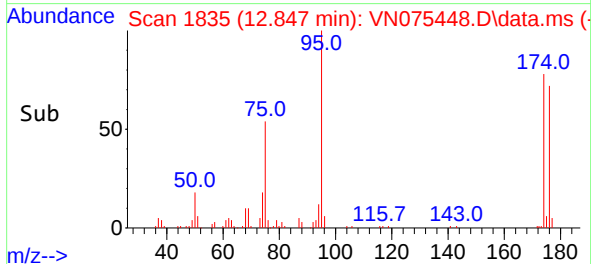
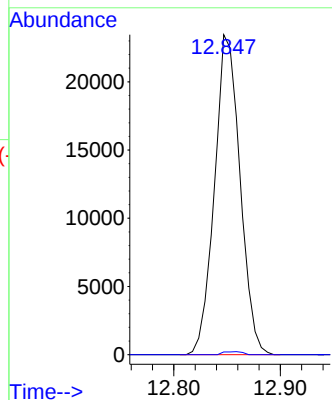
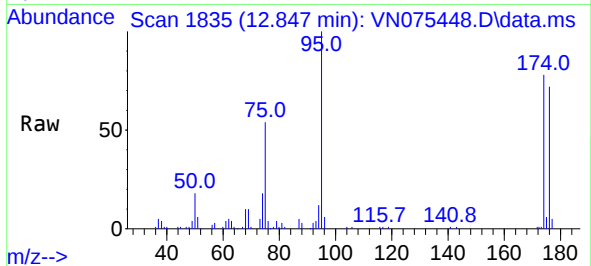




#76
1,2,3-Trichloropropane
Concen: 26.141 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

Tgt Ion: 75 Resp: 39026
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.346 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 75 Resp: 39026
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

