

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075546.D
 Acq On : 02 Dec 2022 20:53
 Operator : JC\MD
 Sample : N5865-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-5D

Quant Time: Dec 03 00:38:51 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)

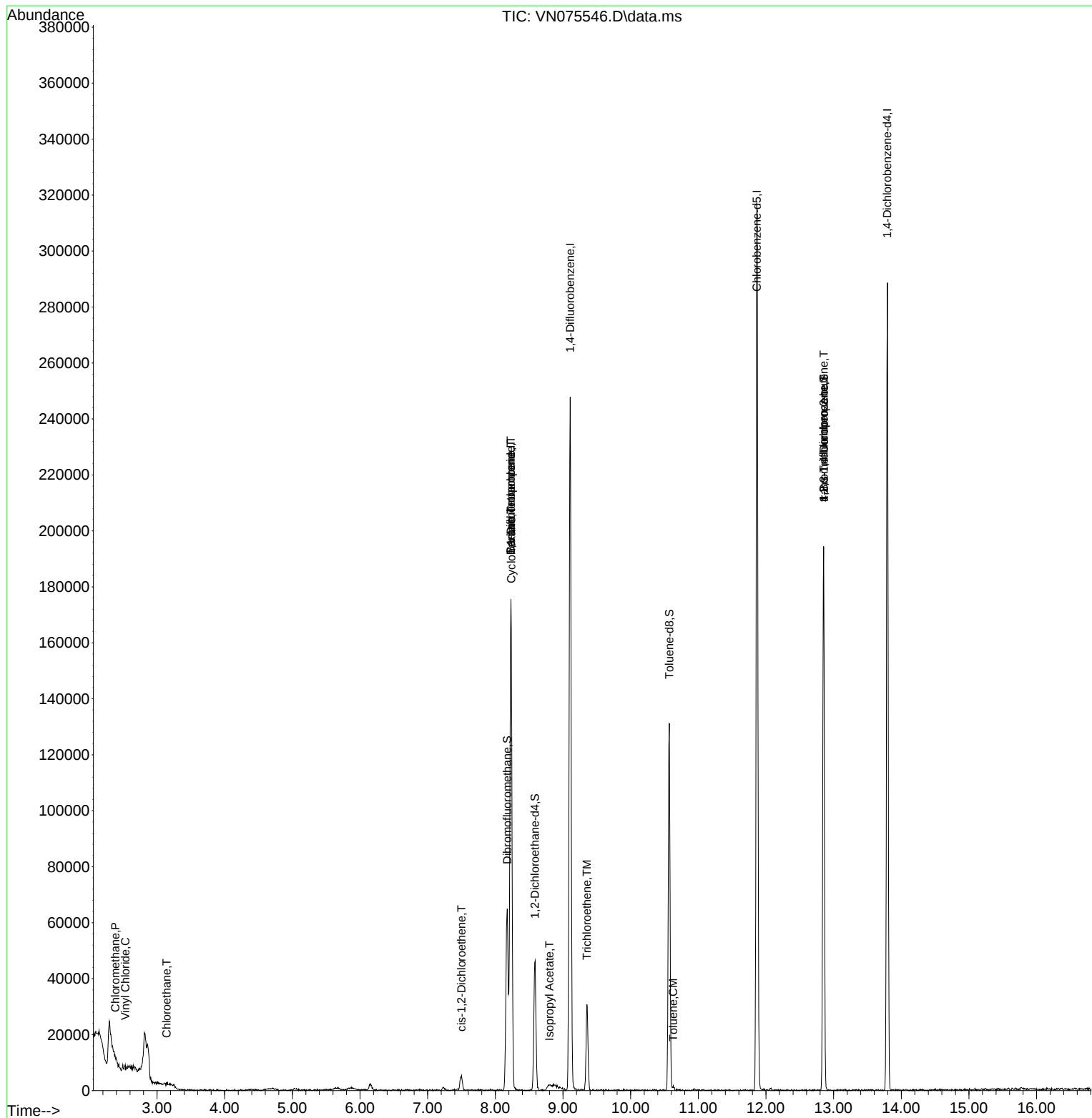
Internal Standards						
1) Pentafluorobenzene	8.230	168	137637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	228205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	197053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	36802	49.812	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.620%		
35) Dibromofluoromethane	8.177	113	46794	52.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.400%		
50) Toluene-d8	10.571	98	94347	46.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.460%		
62) 4-Bromofluorobenzene	12.853	95	66889	44.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.760%		
Target Compounds						Qvalue
3) Chloromethane	2.383	50	333	0.254	ug/l #	42
4) Vinyl Chloride	2.530	62	1287	0.780	ug/l	95
6) Chloroethane	3.142	64	486	0.389	ug/l #	79
18) Methyl Acetate	5.059	43	1374	Below Cal	#	47
27) cis-1,2-Dichloroethene	7.500	96	3560	2.167	ug/l	86
31) Cyclohexane	8.235	56	2185	0.931	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	9777	5.001	ug/l #	51
38) Carbon Tetrachloride	8.230	117	13316	6.200	ug/l #	16
43) Isopropyl Acetate	8.800	43	2150	0.761	ug/l #	53
44) Trichloroethene	9.353	130	11606	7.086	ug/l	92
52) Toluene	10.629	92	804	0.208	ug/l	77
76) 1,2,3-Trichloropropane	12.853	75	32987	20.827	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	32987	61.623	ug/l #	10

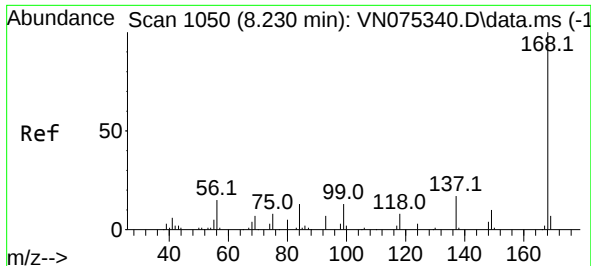
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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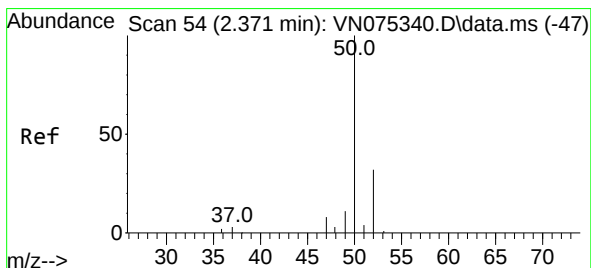
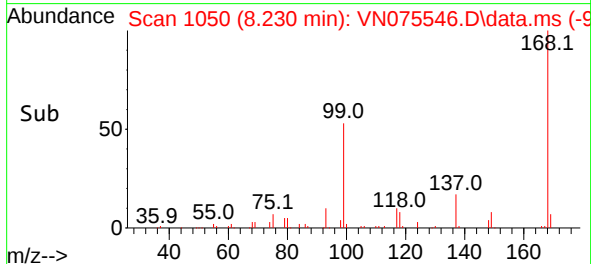
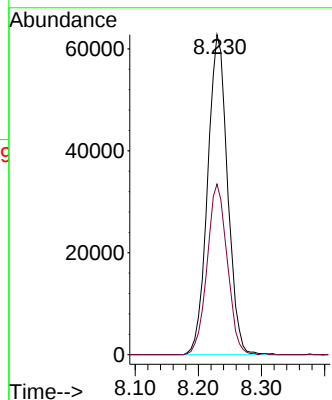
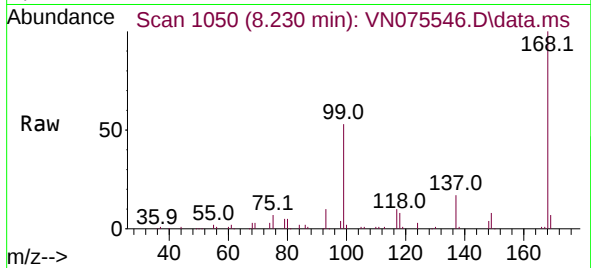




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075546.D
Acq: 02 Dec 2022 20:53

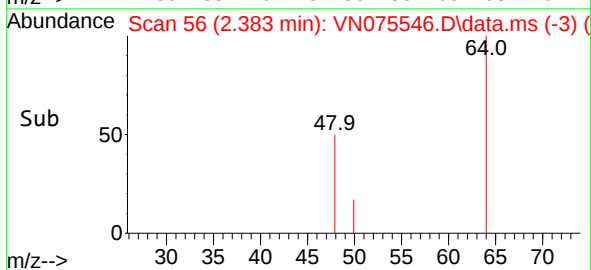
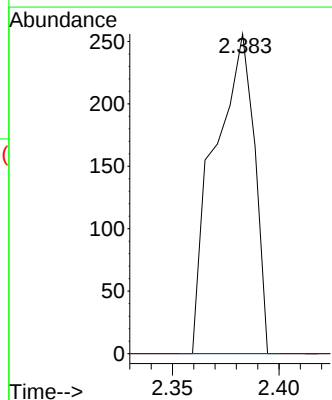
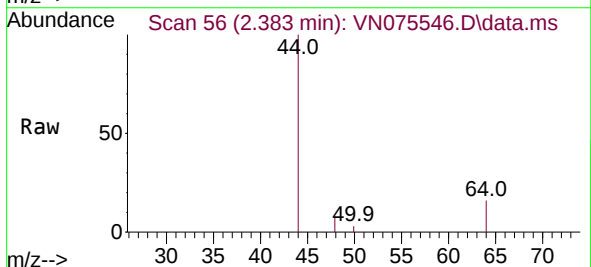
Instrument :
MSVOA_N
ClientSampleId :
LEA-5D

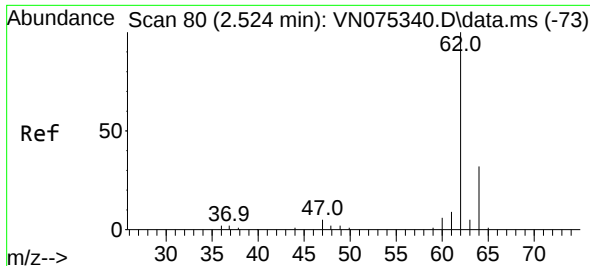
Tgt Ion:168 Resp: 137637
Ion Ratio Lower Upper
168 100
99 53.3 51.6 77.4



#3
Chloromethane
Concen: 0.254 ug/l
RT: 2.383 min Scan# 56
Delta R.T. 0.012 min
Lab File: VN075546.D
Acq: 02 Dec 2022 20:53

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

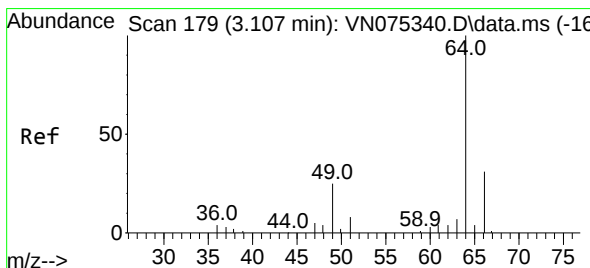
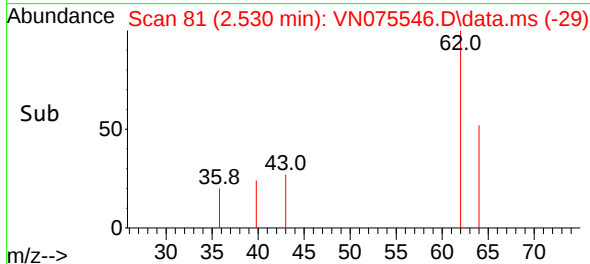
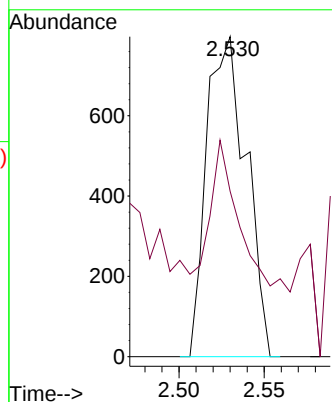
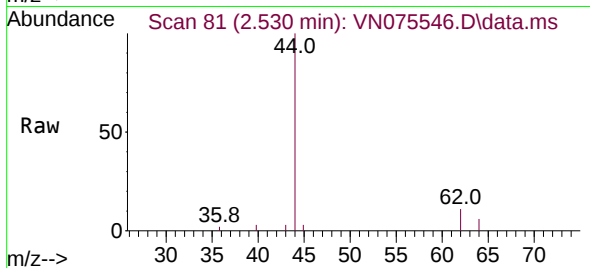




#4
 Vinyl Chloride
 Concen: 0.780 ug/l
 RT: 2.530 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VN075546.D
 Acq: 02 Dec 2022 20:53

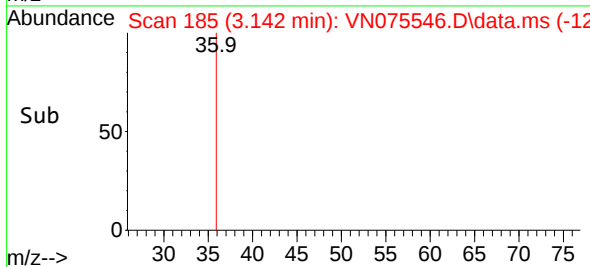
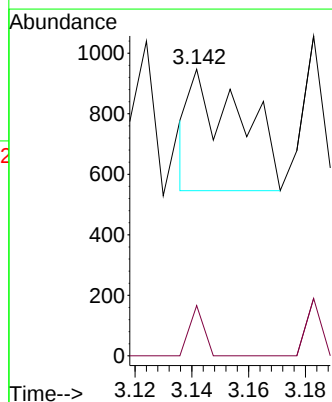
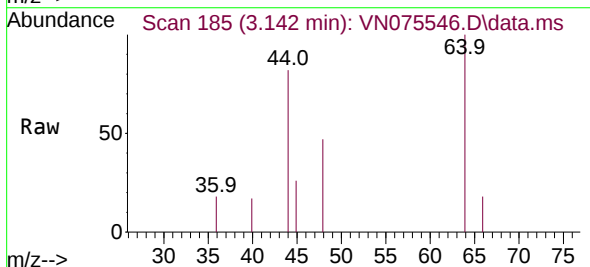
Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-5D

Tgt Ion: 62 Resp: 1287
 Ion Ratio Lower Upper
 62 100
 64 27.4 24.0 36.0



#6
 Chloroethane
 Concen: 0.389 ug/l
 RT: 3.142 min Scan# 185
 Delta R.T. 0.035 min
 Lab File: VN075546.D
 Acq: 02 Dec 2022 20:53

Tgt Ion: 64 Resp: 486
 Ion Ratio Lower Upper
 64 100
 66 41.4 23.8 35.8#

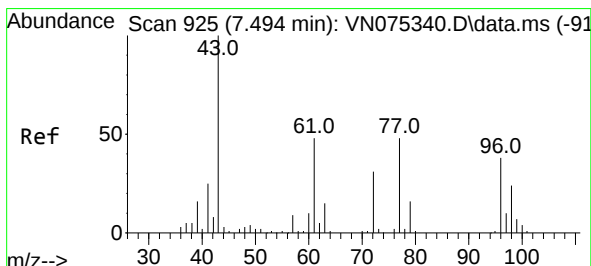
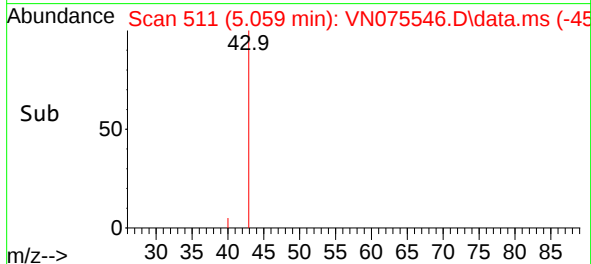
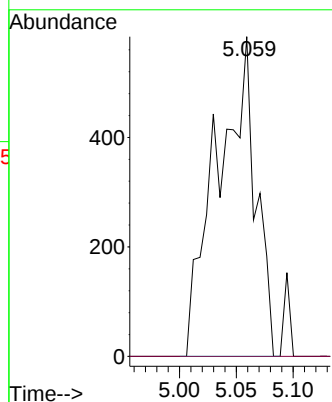
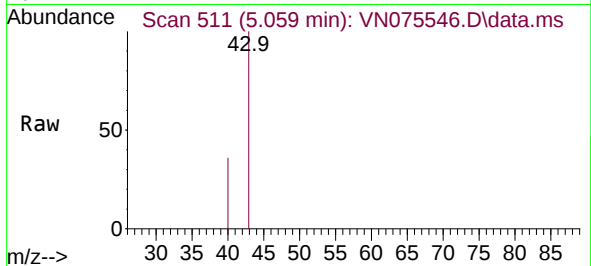




#18
Methyl Acetate
Concen: Below Cal
RT: 5.059 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN075546.D
Acq: 02 Dec 2022 20:53

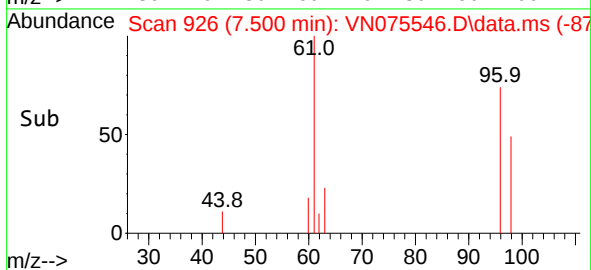
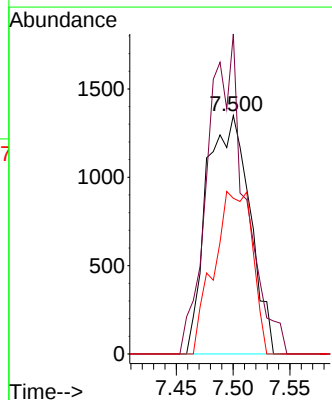
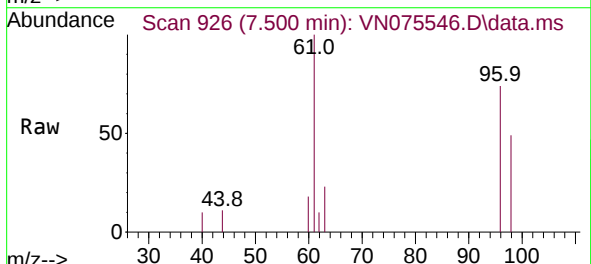
Instrument :
MSVOA_N
ClientSampleId :
LEA-5D

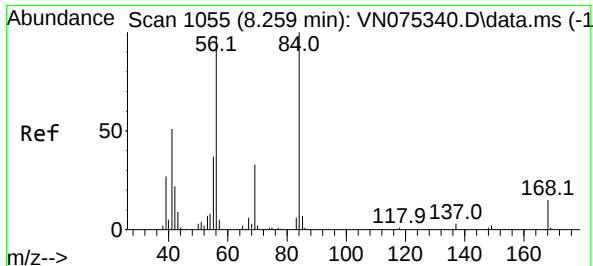
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#27
cis-1,2-Dichloroethene
Concen: 2.167 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075546.D
Acq: 02 Dec 2022 20:53

Tgt Ion: 96 Resp: 3560
Ion Ratio Lower Upper
96 100
61 116.9 0.0 278.8
98 61.1 0.0 128.4





#31

Cyclohexane

Concen: 0.931 ug/l

RT: 8.235 min Scan# 1105

Delta R.T. -0.024 min

Lab File: VN075546.D

Acq: 02 Dec 2022 20:53

Instrument :

MSVOA_N

ClientSampleId :

LEA-5D

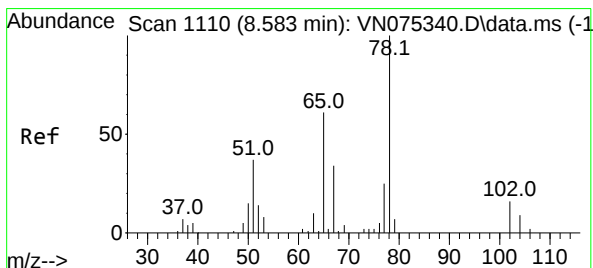
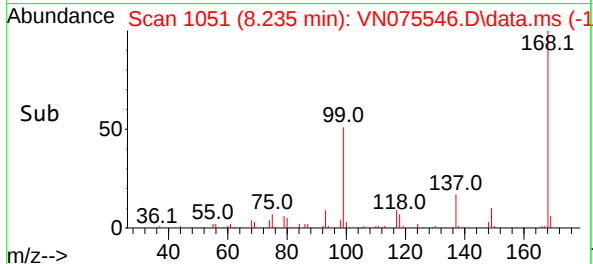
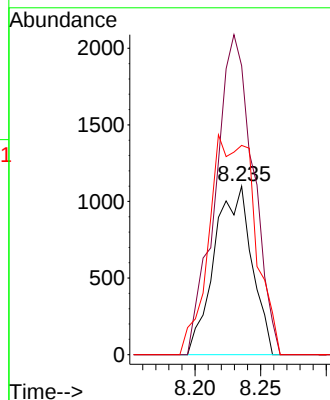
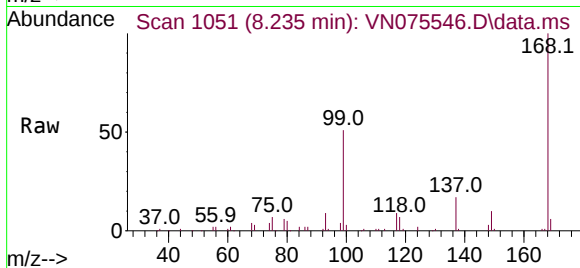
Tgt Ion: 56 Resp: 2185

Ion Ratio Lower Upper

56 100

69 171.5 25.2 37.8#

84 124.2 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 49.812 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075546.D

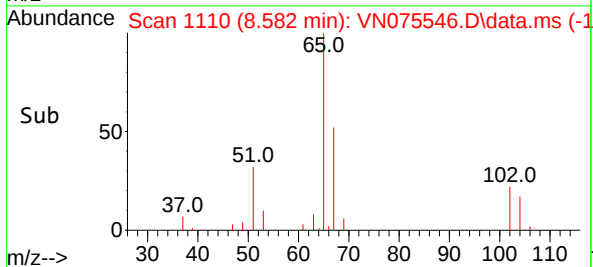
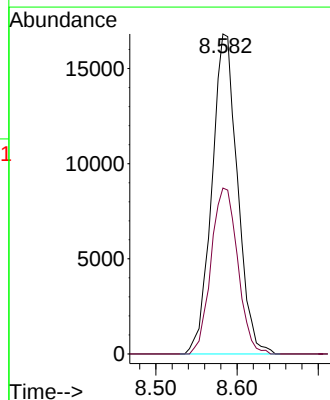
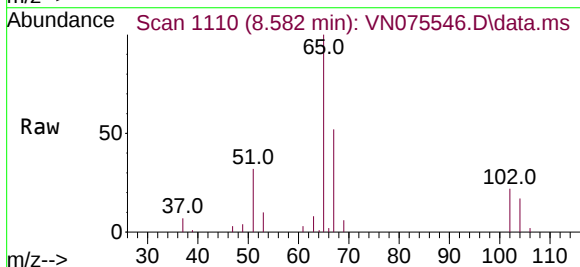
Acq: 02 Dec 2022 20:53

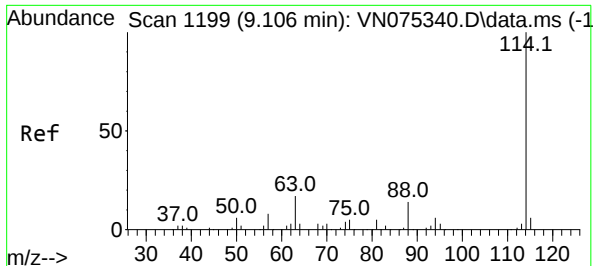
Tgt Ion: 65 Resp: 36802

Ion Ratio Lower Upper

65 100

67 53.9 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: VN075546.D

Acq: 02 Dec 2022 20:53

Instrument :

MSVOA_N

ClientSampleId :

LEA-5D

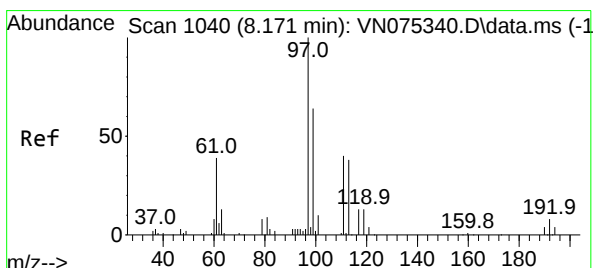
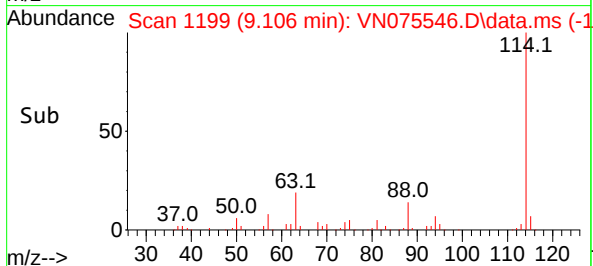
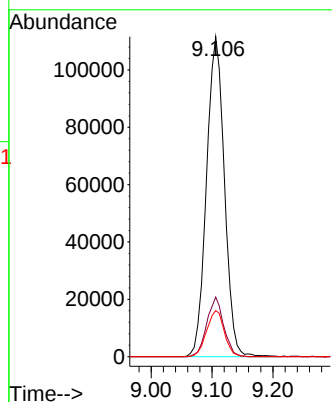
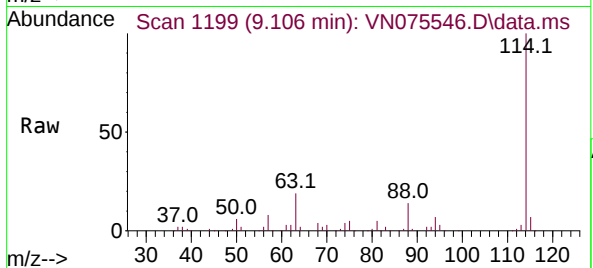
Tgt Ion:114 Resp: 228205

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.198 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075546.D

Acq: 02 Dec 2022 20:53

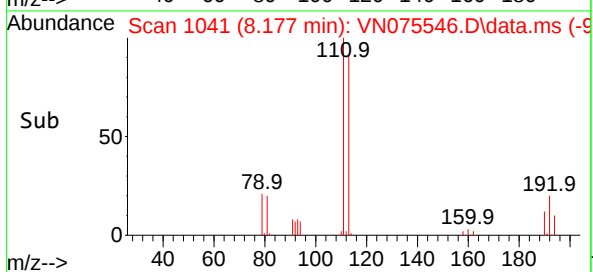
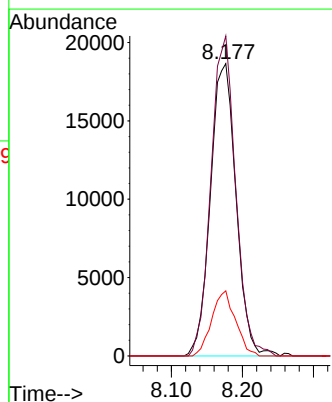
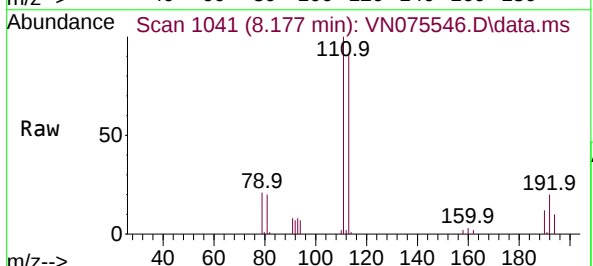
Tgt Ion:113 Resp: 46794

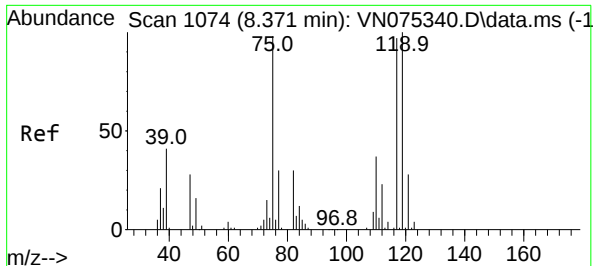
Ion Ratio Lower Upper

113 100

111 105.2 80.5 120.7

192 20.6 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 5.001 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075546.D

Acq: 02 Dec 2022 20:53

Instrument :

MSVOA_N

ClientSampleId :

LEA-5D

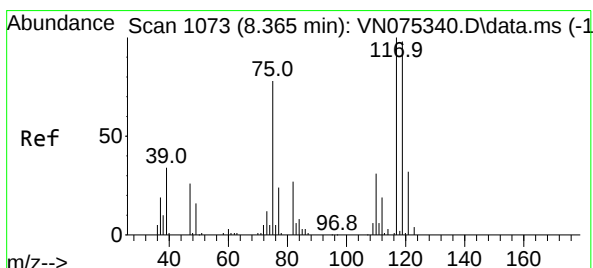
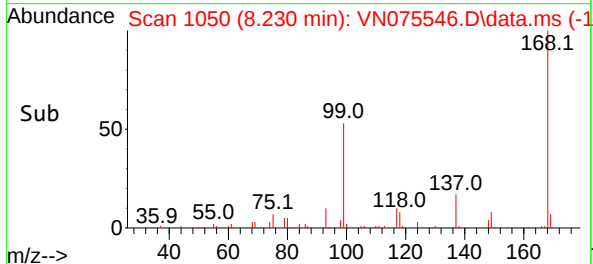
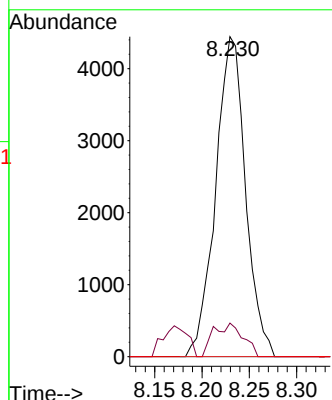
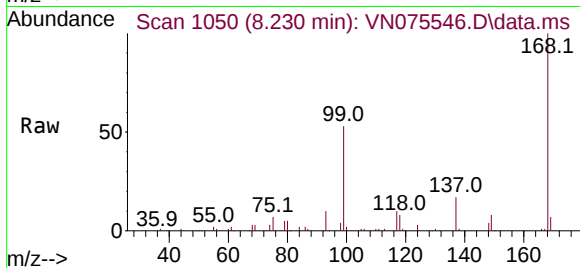
Tgt Ion: 75 Resp: 9777

Ion Ratio Lower Upper

75 100

110 10.4 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.200 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075546.D

Acq: 02 Dec 2022 20:53

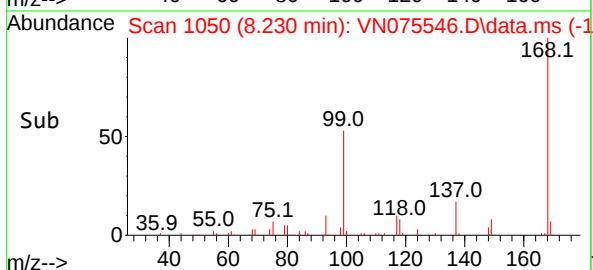
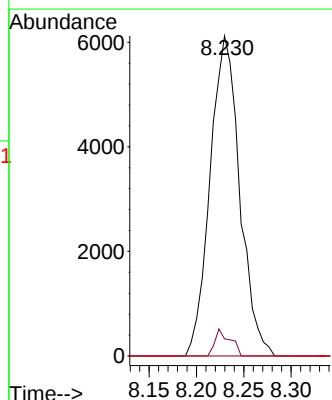
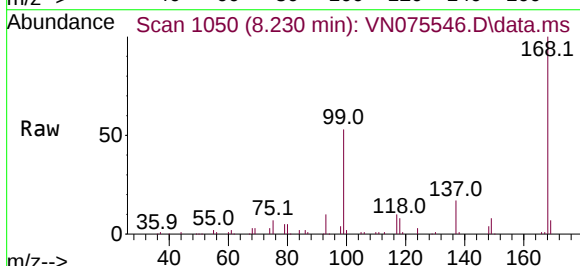
Tgt Ion: 117 Resp: 13316

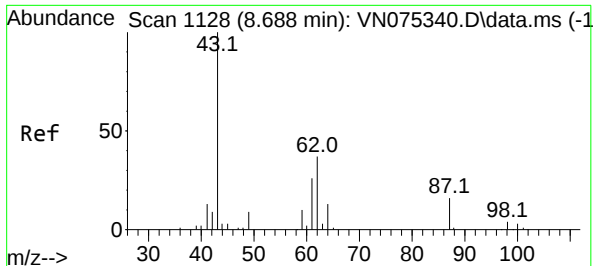
Ion Ratio Lower Upper

117 100

119 5.3 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.761 ug/l

RT: 8.800 min Scan# 1128

Delta R.T. 0.112 min

Lab File: VN075546.D

Acq: 02 Dec 2022 20:53

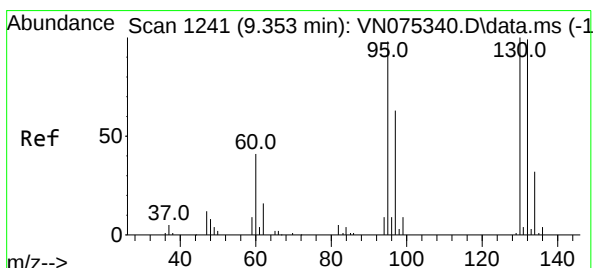
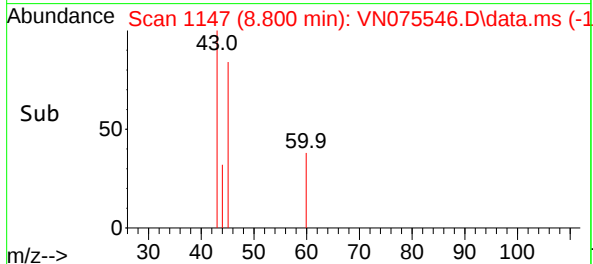
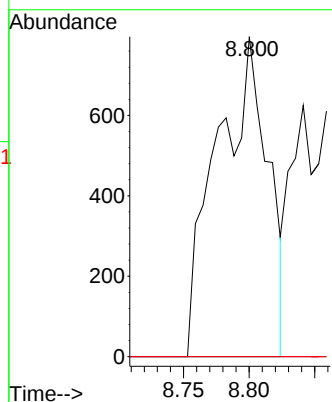
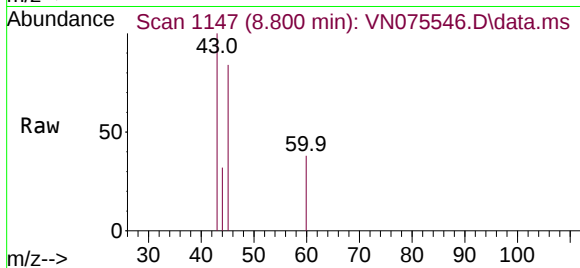
Instrument :

MSVOA_N

ClientSampleId :

LEA-5D

Tgt Ion: 43	Resp: 2150
Ion Ratio	Lower Upper
43	100
61	0.0 22.4 33.6#
87	0.0 12.5 18.7#



#44

Trichloroethene

Concen: 7.086 ug/l

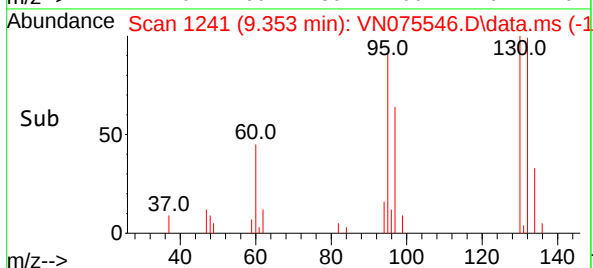
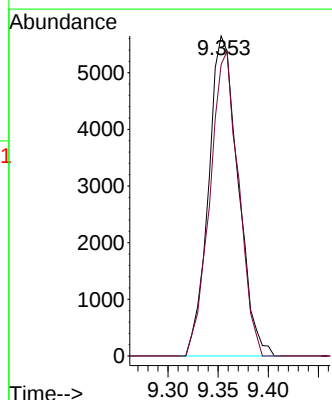
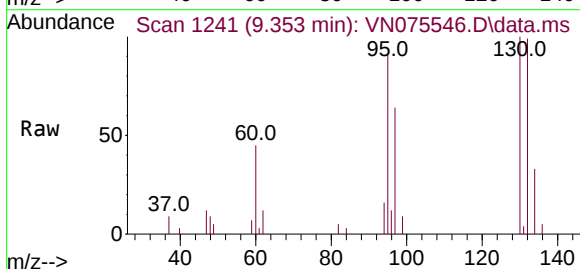
RT: 9.353 min Scan# 1241

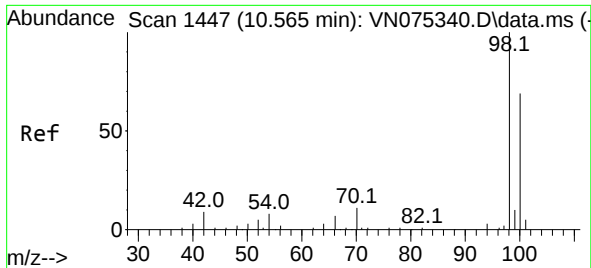
Delta R.T. 0.000 min

Lab File: VN075546.D

Acq: 02 Dec 2022 20:53

Tgt Ion: 130	Resp: 11606
Ion Ratio	Lower Upper
130	100
95	91.1 0.0 198.4

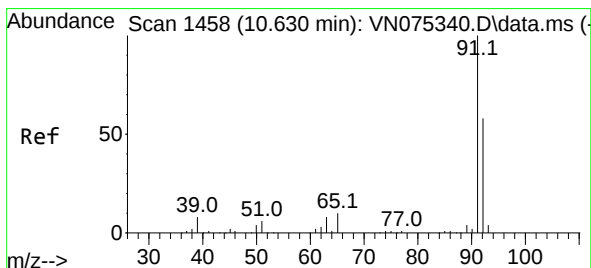
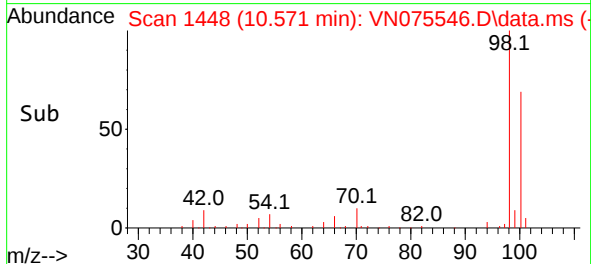
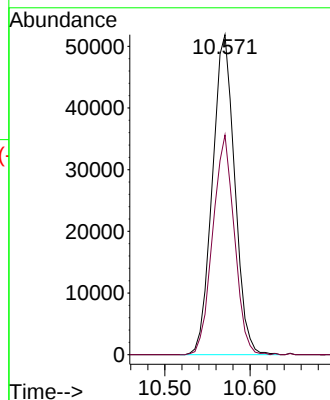
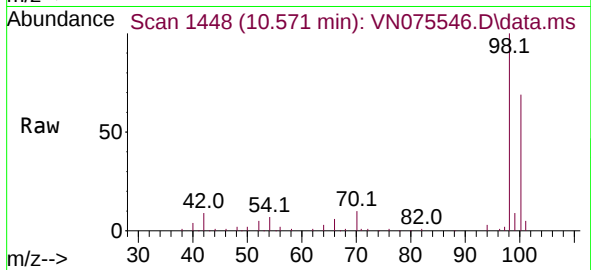




#50
Toluene-d8
Concen: 46.728 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075546.D
Acq: 02 Dec 2022 20:53

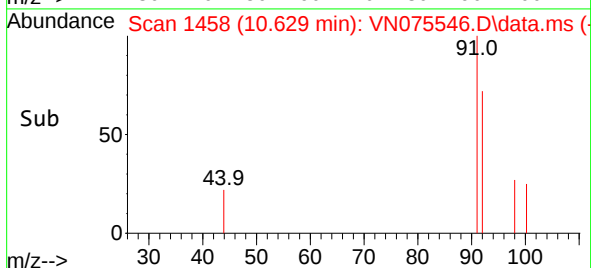
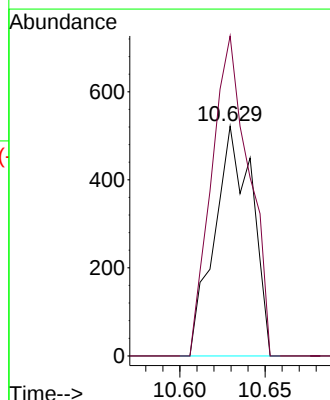
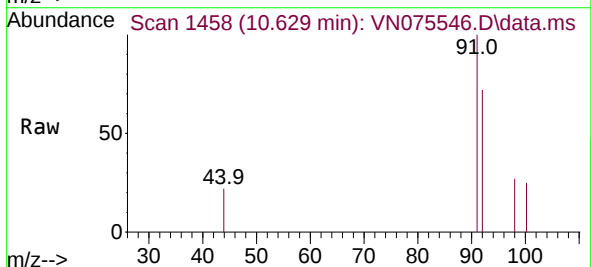
Instrument :
MSVOA_N
ClientSampleId :
LEA-5D

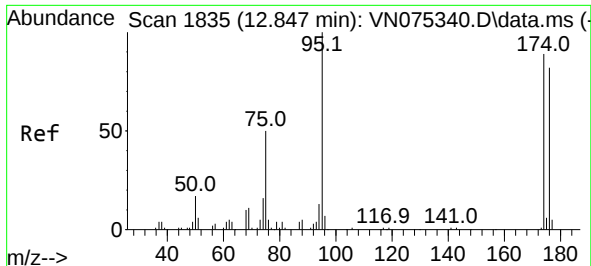
Tgt Ion: 98 Resp: 94347
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#52
Toluene
Concen: 0.208 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075546.D
Acq: 02 Dec 2022 20:53

Tgt Ion: 92 Resp: 804
Ion Ratio Lower Upper
92 100
91 138.3 135.4 203.2

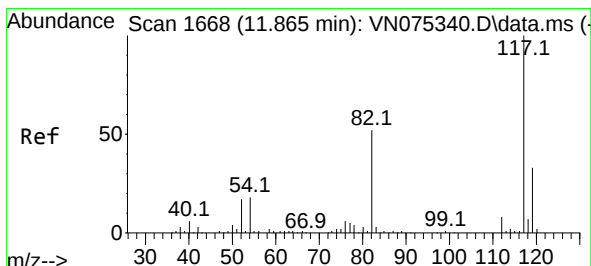
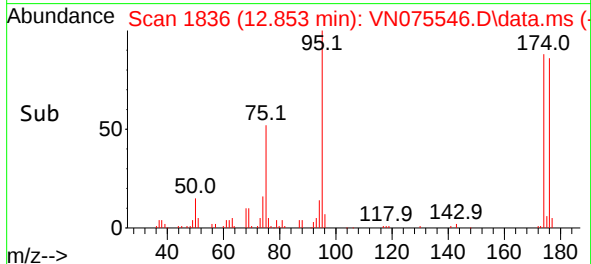
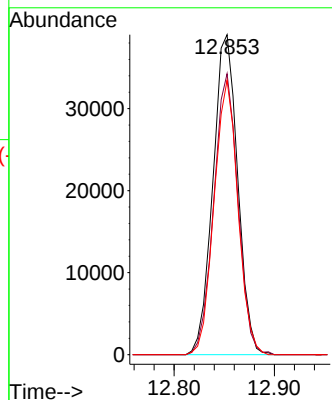
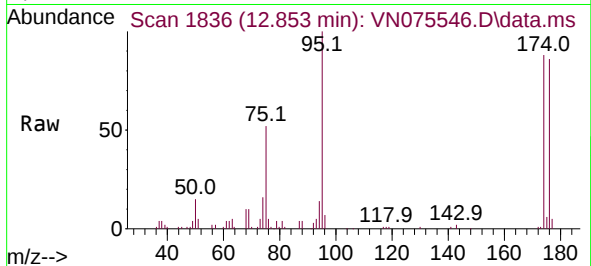




#62
4-Bromofluorobenzene
Concen: 44.883 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075546.D
Acq: 02 Dec 2022 20:53

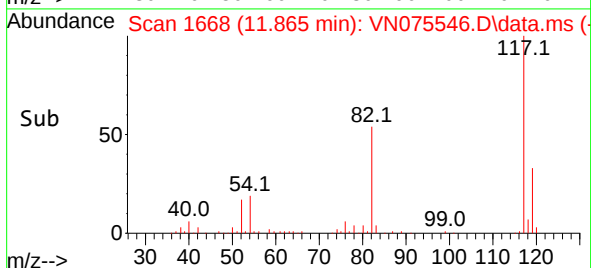
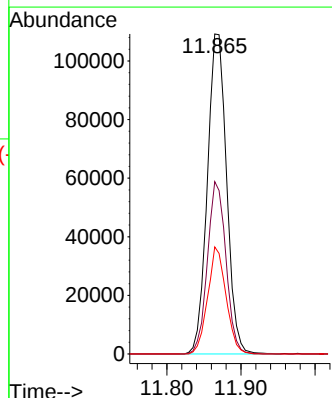
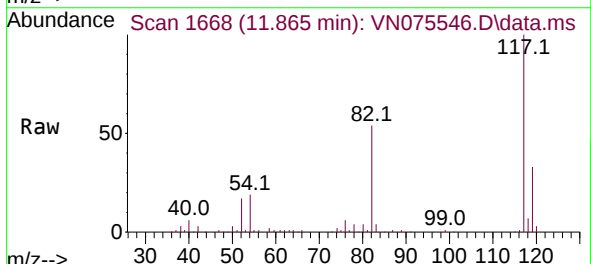
Instrument :
MSVOA_N
ClientSampleId :
LEA-5D

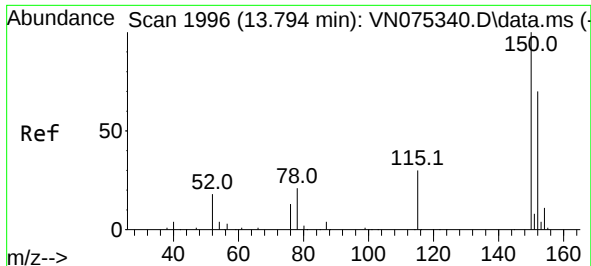
Tgt Ion: 95 Resp: 66889
Ion Ratio Lower Upper
95 100
174 85.6 0.0 147.4
176 82.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075546.D
Acq: 02 Dec 2022 20:53

Tgt Ion: 117 Resp: 197053
Ion Ratio Lower Upper
117 100
82 53.8 43.1 64.7
119 33.4 25.5 38.3

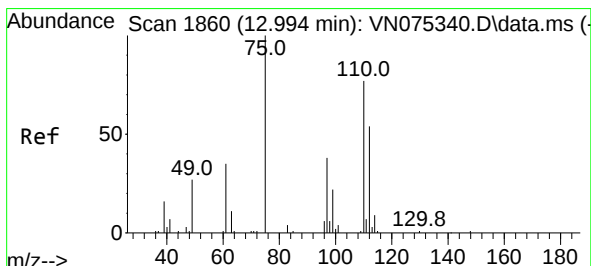
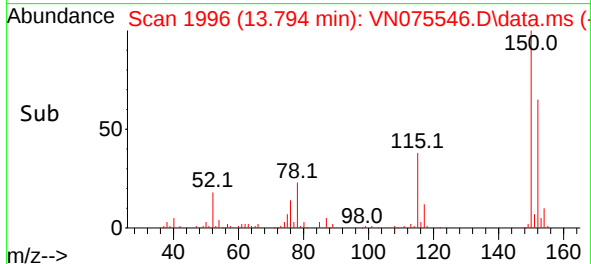
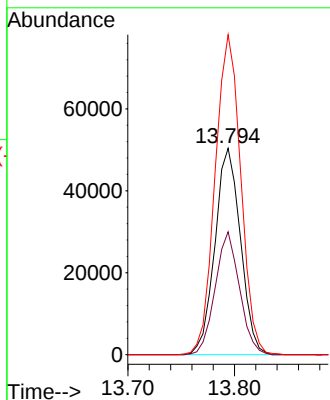
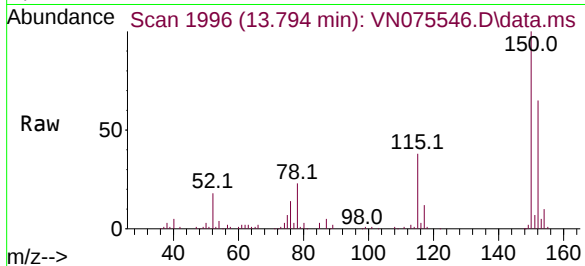




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075546.D
 Acq: 02 Dec 2022 20:53

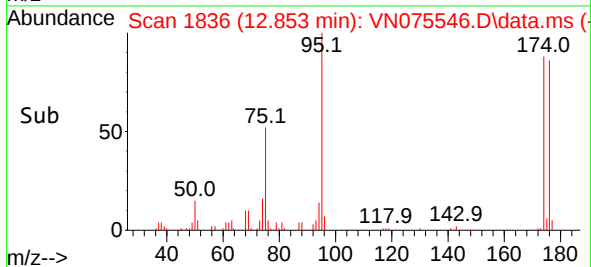
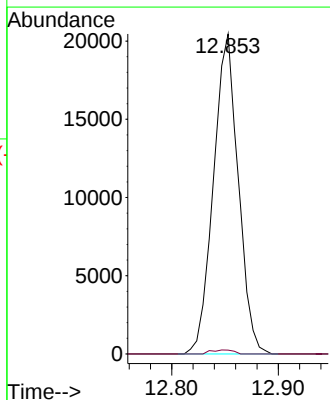
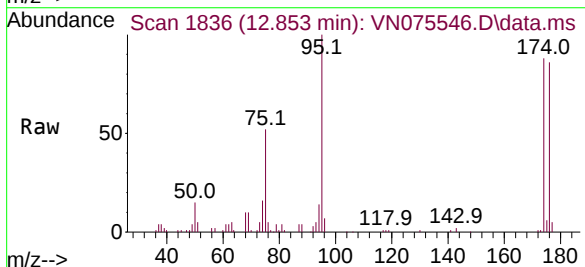
Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-5D

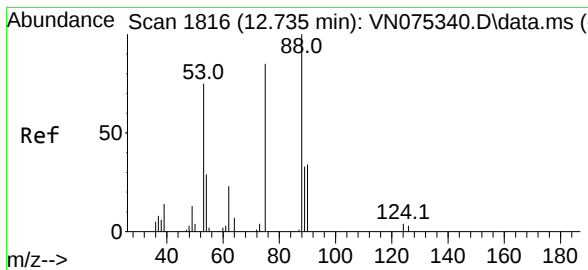
Tgt Ion:152 Resp: 83769
 Ion Ratio Lower Upper
 152 100
 115 56.6 30.2 90.6
 150 155.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 20.827 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075546.D
 Acq: 02 Dec 2022 20:53

Tgt Ion: 75 Resp: 32987
 Ion Ratio Lower Upper
 75 100
 77 1.1 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.623 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075546.D
 Acq: 02 Dec 2022 20:53

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-5D

Tgt Ion: 75 Resp: 32987
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

