

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075543.D
 Acq On : 02 Dec 2022 19:41
 Operator : JC\MD
 Sample : N5865-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7I

Quant Time: Dec 03 00:37:53 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)

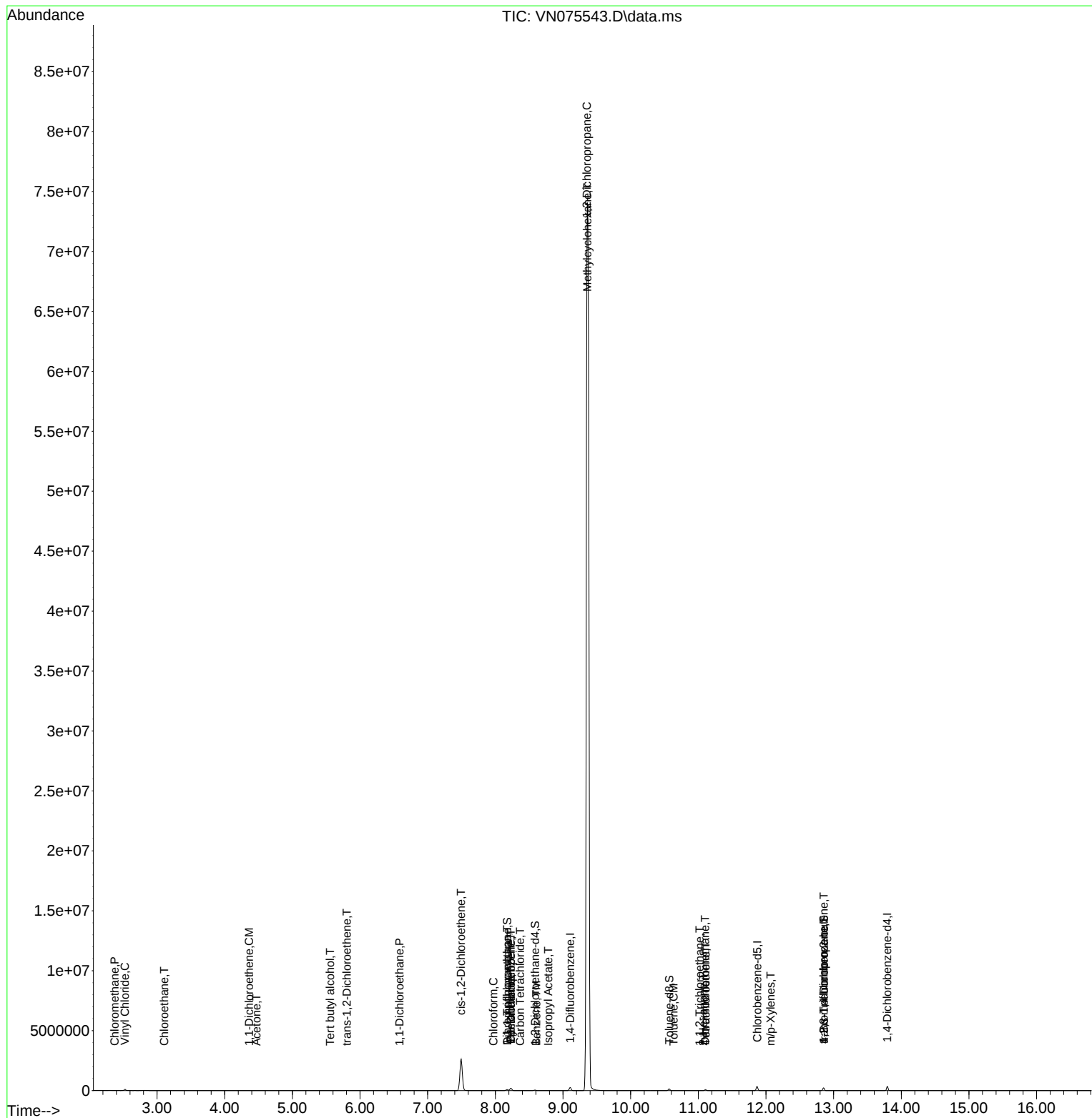
Internal Standards						
1) Pentafluorobenzene	8.230	168	154946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	220103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	40294	48.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.900%
35) Dibromofluoromethane	8.177	113	54239	55.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.840%
50) Toluene-d8	10.571	98	106572	48.349	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.853	95	81078	49.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.660%
Target Compounds						Qvalue
3) Chloromethane	2.371	50	486	0.330	ug/l #	42
4) Vinyl Chloride	2.524	62	96252	51.804	ug/l	97
6) Chloroethane	3.106	64	343	0.244	ug/l #	45
11) Tert butyl alcohol	5.559	59	128	0.367	ug/l #	72
12) 1,1-Dichloroethene	4.359	96	4139	2.885	ug/l	85
16) Acetone	4.471	43	642	0.828	ug/l #	43
18) Methyl Acetate	5.065	43	1074	Below Cal	#	47
21) trans-1,2-Dichloroethene	5.806	96	11007	6.731	ug/l	95
24) 1,1-Dichloroethane	6.583	63	1753	0.645	ug/l #	82
27) cis-1,2-Dichloroethene	7.494	96	1667787	901.962	ug/l	84
30) Chloroform	7.971	83	2816	0.902	ug/l	94
31) Cyclohexane	8.230	56	2524	0.955	ug/l #	33
32) 1,1,1-Trichloroethane	8.177	97	10214	3.603	ug/l #	50
36) 1,1-Dichloropropene	8.230	75	10428	4.886	ug/l #	52
38) Carbon Tetrachloride	8.365	117	1824	0.778	ug/l #	82
39) Methylcyclohexane	9.359	83	477235	178.667	ug/l #	1
40) Benzene	8.606	78	1789	0.274	ug/l	94
43) Isopropyl Acetate	8.783	43	1571	0.509	ug/l #	53
45) 1,2-Dichloropropane	9.353	63	117607	75.526	ug/l #	1
52) Toluene	10.635	92	2578	0.612	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	558	0.325	ug/l #	86
59) 2-Hexanone	11.071	43	832	0.564	ug/l #	44
60) Dibromochloromethane	11.100	129	19047	10.820	ug/l #	11
64) Tetrachloroethene	11.106	164	20241	12.042	ug/l	92
68) m/p-Xylenes	12.071	106	880	0.279	ug/l	93
76) 1,2,3-Trichloropropane	12.853	75	40123	21.084	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	40123	62.381	ug/l #	10

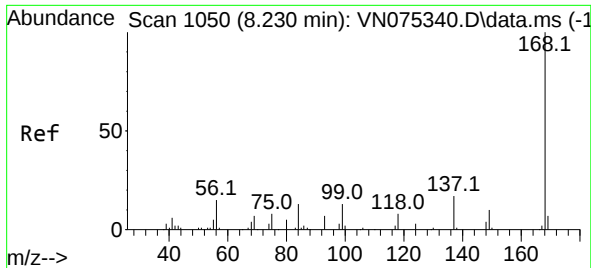
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
Data File : VN075543.D
Acq On : 02 Dec 2022 19:41
Operator : JC\MD
Sample : N5865-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

Quant Time: Dec 03 00:37:53 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

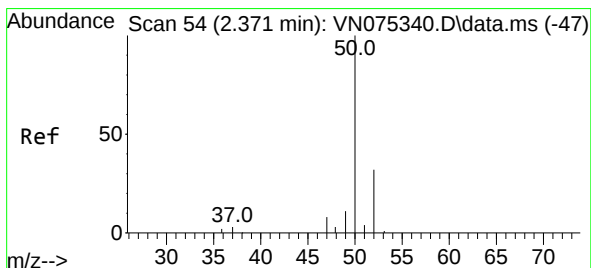
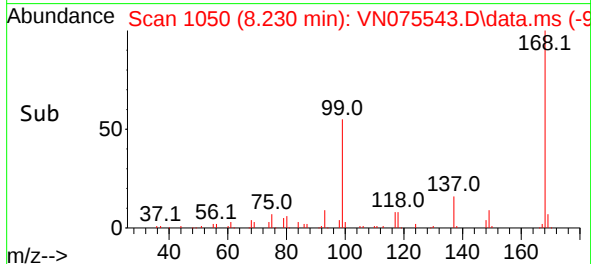
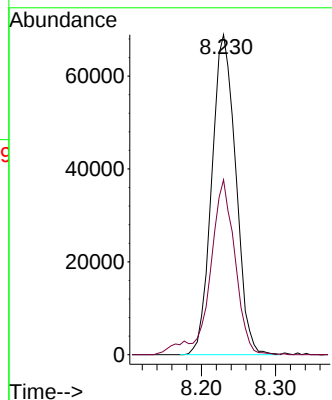
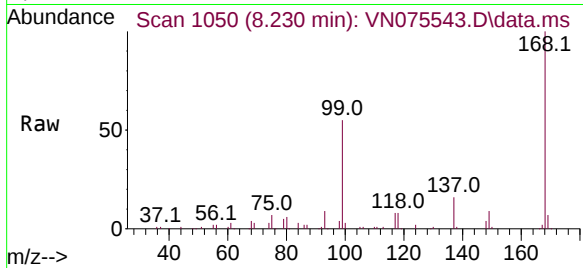




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

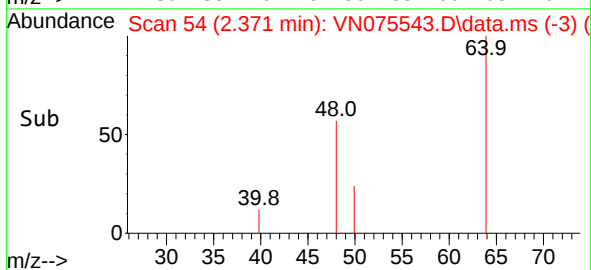
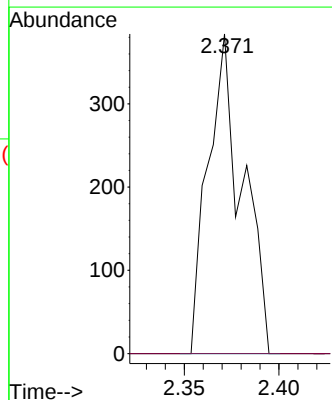
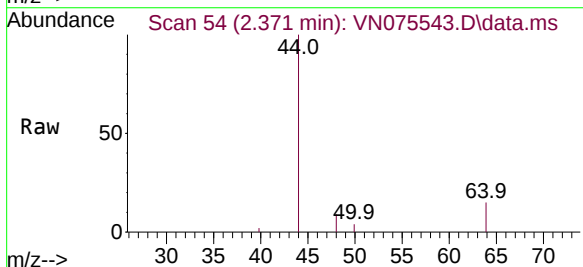
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

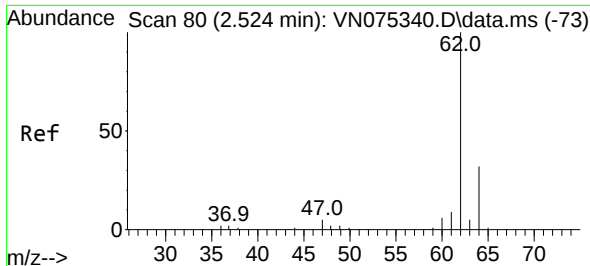
Tgt Ion:168 Resp: 154946
Ion Ratio Lower Upper
168 100
99 54.4 51.6 77.4



#3
Chloromethane
Concen: 0.330 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 50 Resp: 486
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

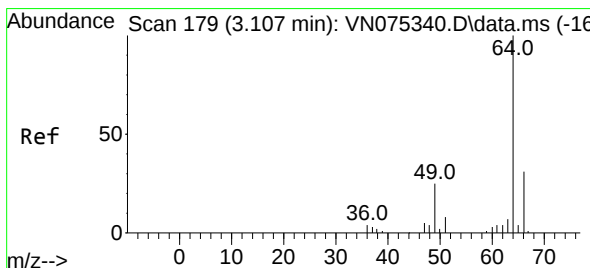
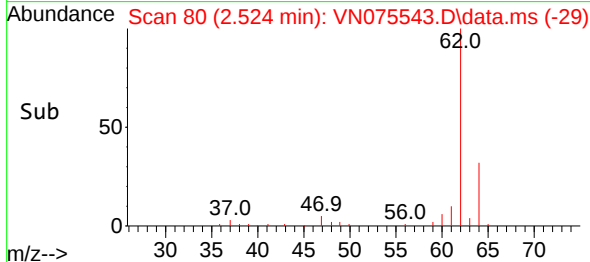
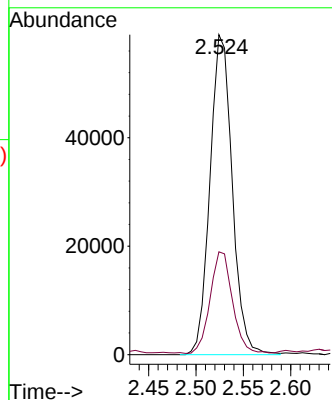
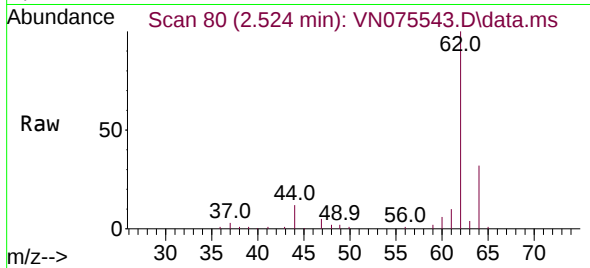




#4
 Vinyl Chloride
 Concen: 51.804 ug/l
 RT: 2.524 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VN075543.D
 Acq: 02 Dec 2022 19:41

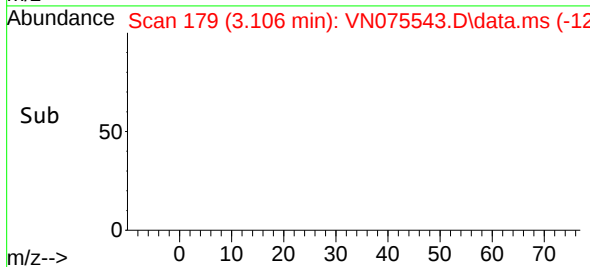
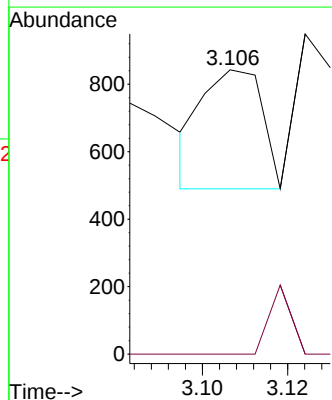
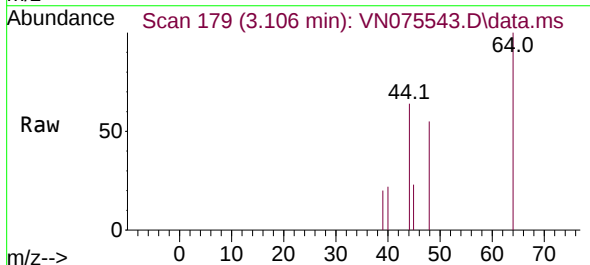
Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7I

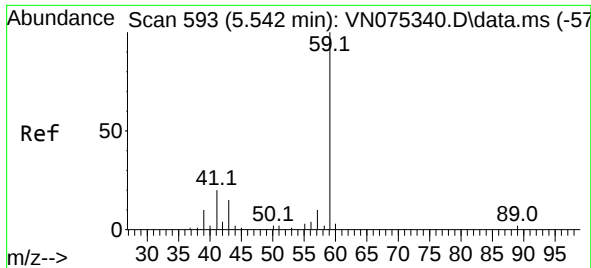
Tgt Ion: 62 Resp: 96252
 Ion Ratio Lower Upper
 62 100
 64 31.5 24.0 36.0



#6
 Chloroethane
 Concen: 0.244 ug/l
 RT: 3.106 min Scan# 179
 Delta R.T. -0.001 min
 Lab File: VN075543.D
 Acq: 02 Dec 2022 19:41

Tgt Ion: 64 Resp: 343
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.8 35.8#

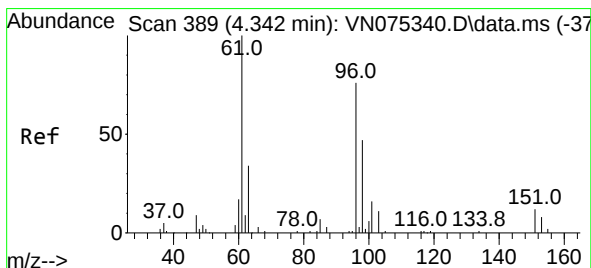
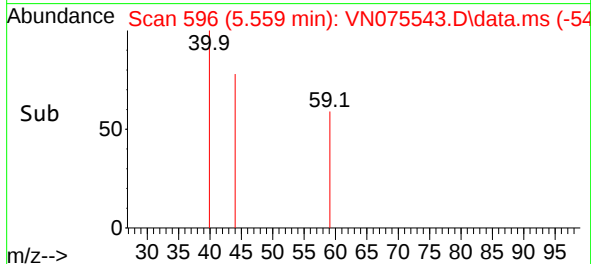
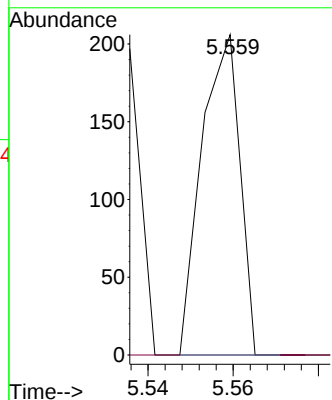
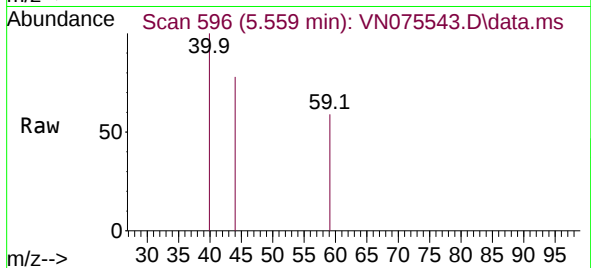




#11
Tert butyl alcohol
Concen: 0.367 ug/l
RT: 5.559 min Scan# 59
Delta R.T. 0.017 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

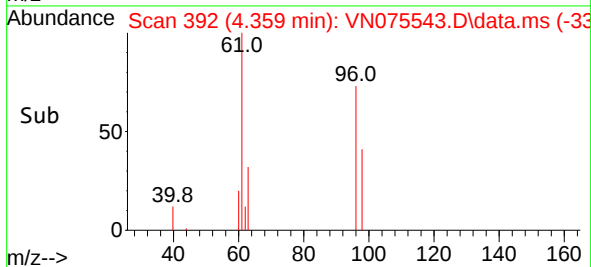
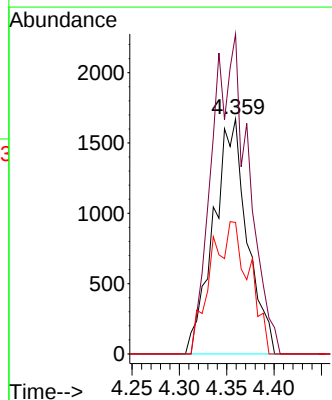
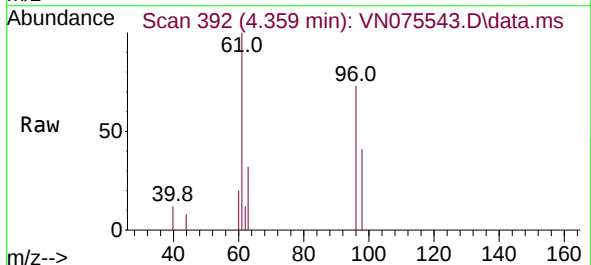
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

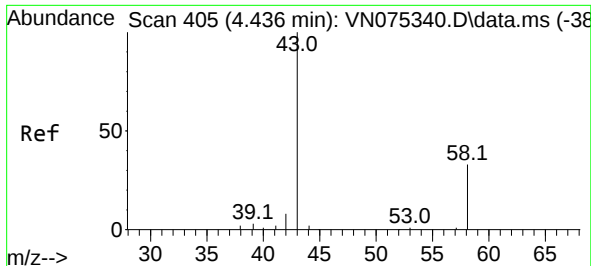
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 2.885 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 96 Resp: 4139
Ion Ratio Lower Upper
96 100
61 136.1 126.2 189.4
98 56.0 51.5 77.3

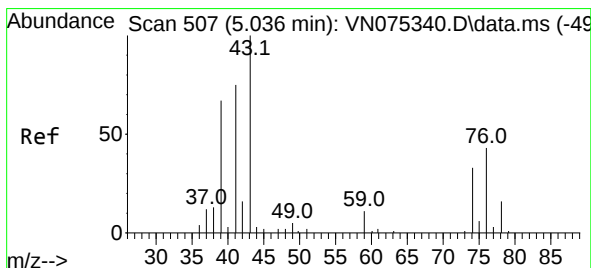
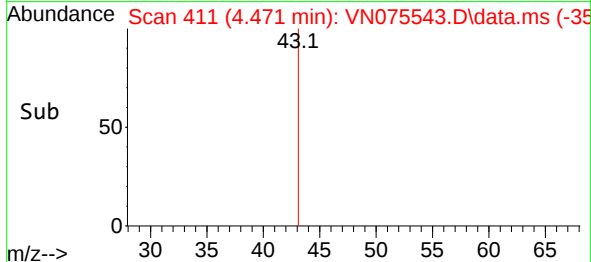
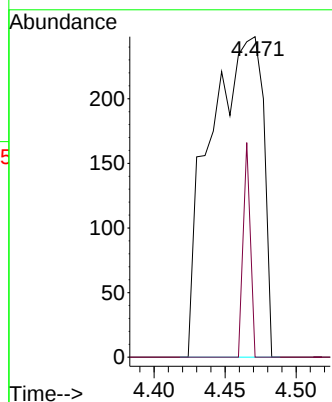
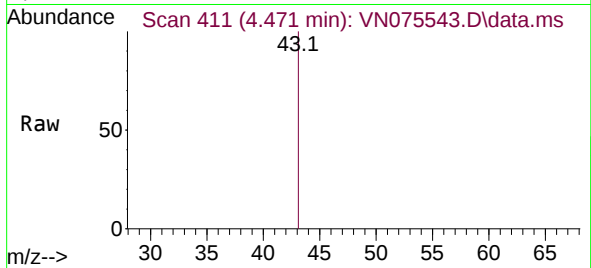




#16
Acetone
Concen: 0.828 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.035 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

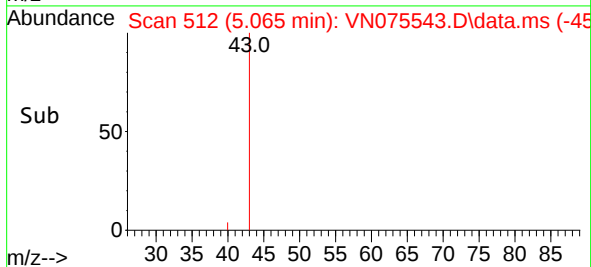
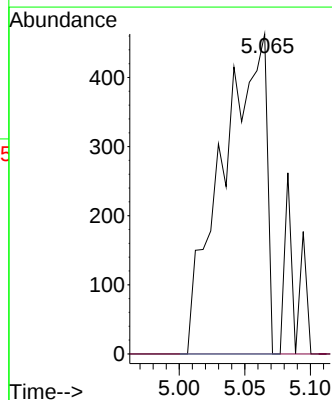
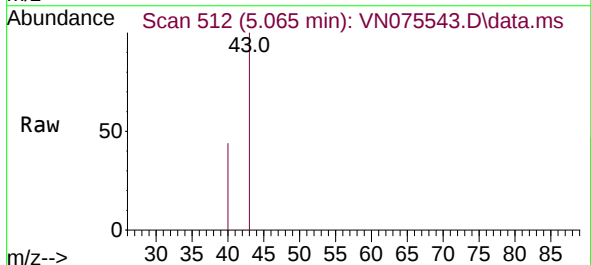
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

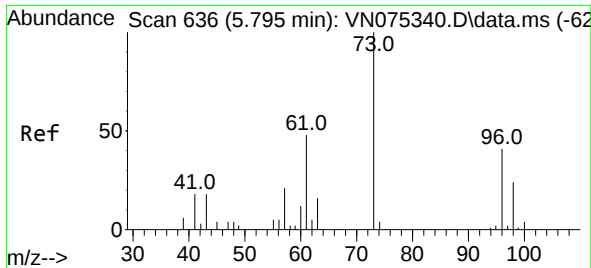
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.065 min Scan# 512
Delta R.T. 0.029 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#

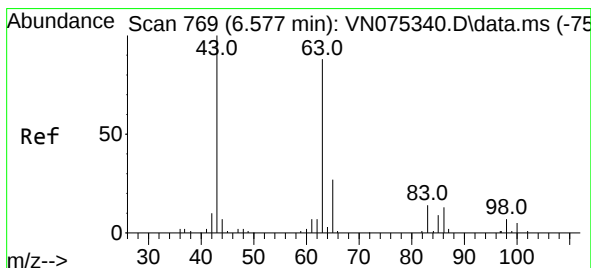
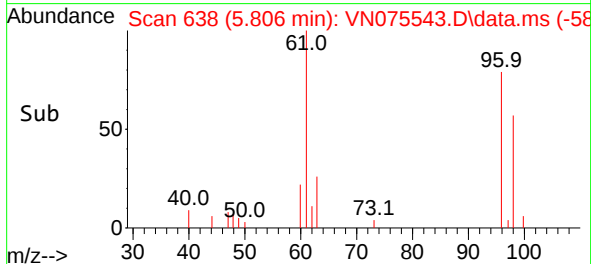
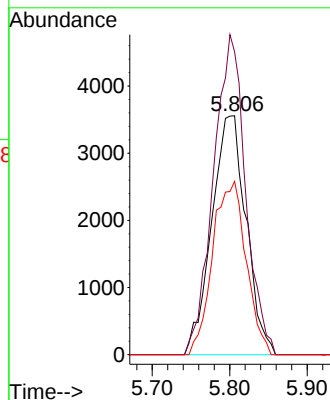
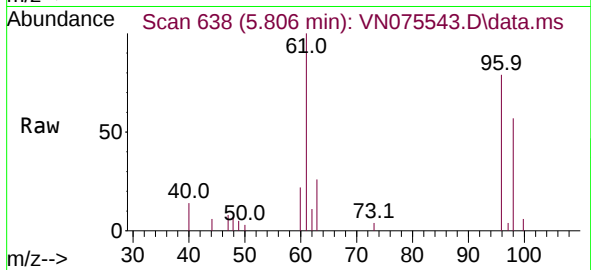




#21
trans-1,2-Dichloroethene
Concen: 6.731 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

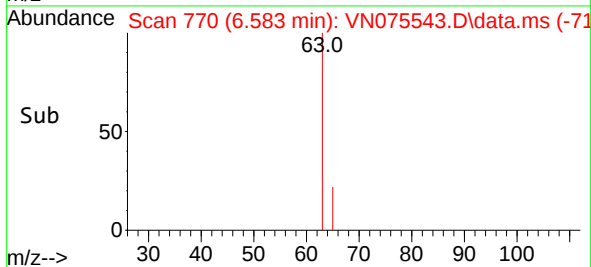
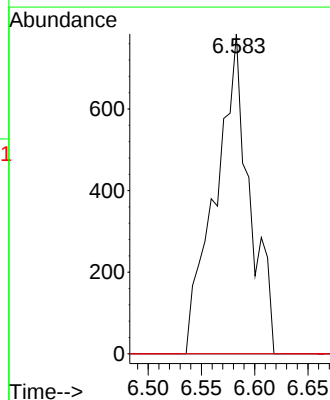
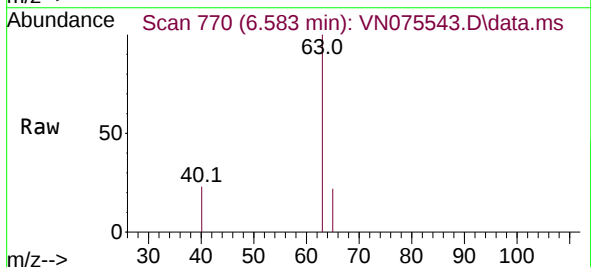
Instrument :
MSVOA_N
ClientSampleId :
LEA-71

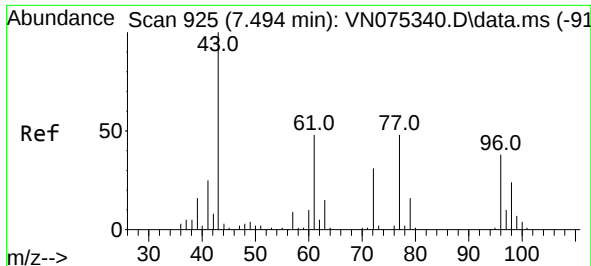
Tgt Ion: 96 Resp: 11007
Ion Ratio Lower Upper
96 100
61 126.8 99.9 149.9
98 72.5 51.5 77.3



#24
1,1-Dichloroethane
Concen: 0.645 ug/l
RT: 6.583 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 63 Resp: 1753
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.4 7.2#



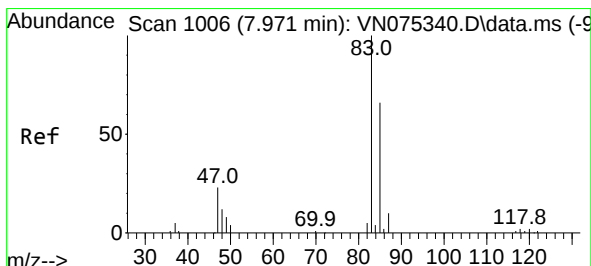
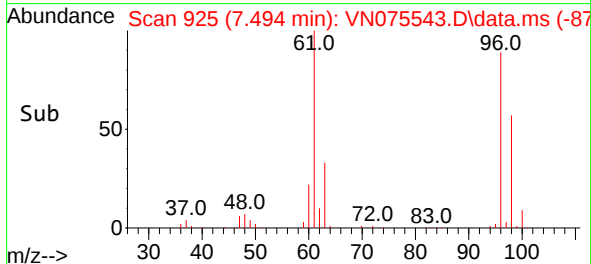
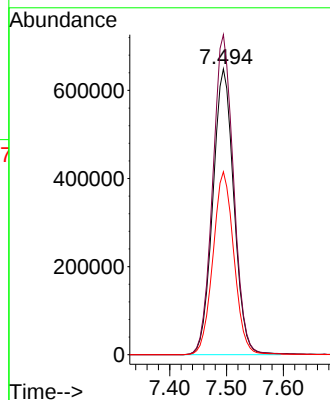
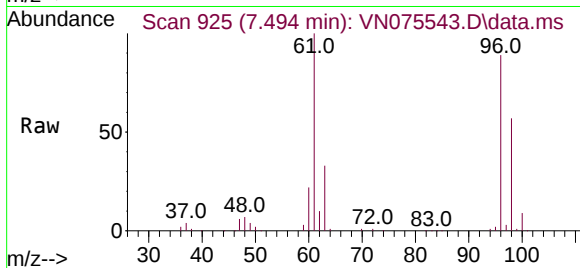


#27
 cis-1,2-Dichloroethene
 Concen: 901.962 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075543.D
 Acq: 02 Dec 2022 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7I

Tgt Ion: 96 Resp: 1667787

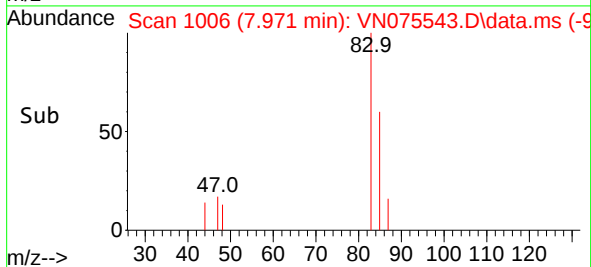
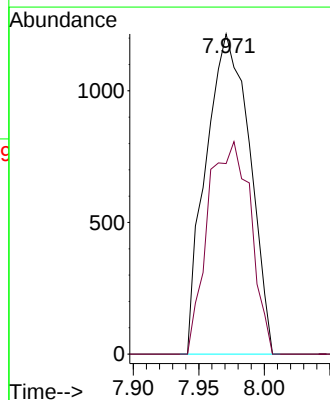
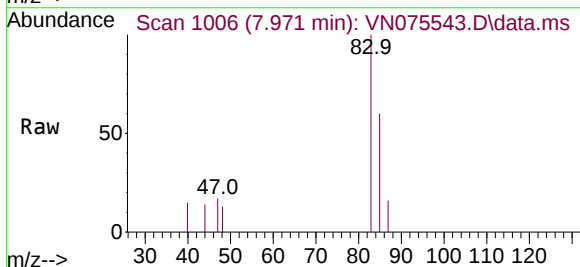
Ion	Ratio	Lower	Upper
96	100		
61	111.5	0.0	278.8
98	63.8	0.0	128.4

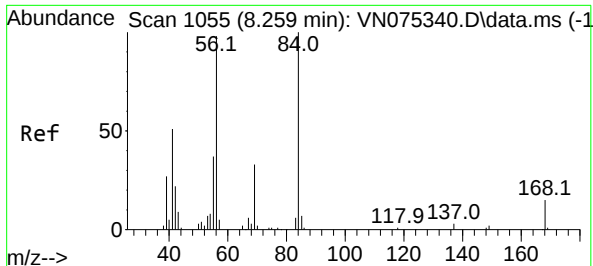


#30
 Chloroform
 Concen: 0.902 ug/l
 RT: 7.971 min Scan# 1006
 Delta R.T. -0.000 min
 Lab File: VN075543.D
 Acq: 02 Dec 2022 19:41

Tgt Ion: 83 Resp: 2816

Ion	Ratio	Lower	Upper
83	100		
85	59.5	51.4	77.0

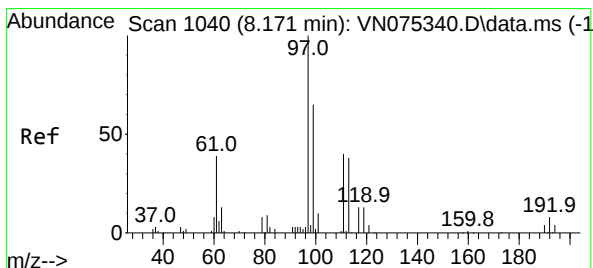
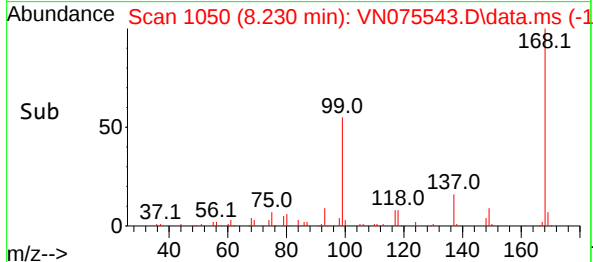
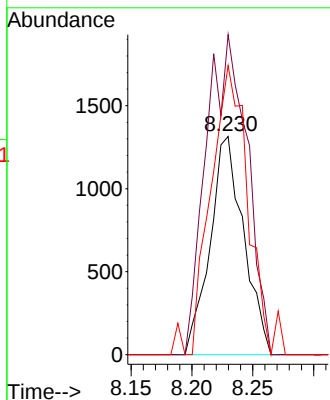
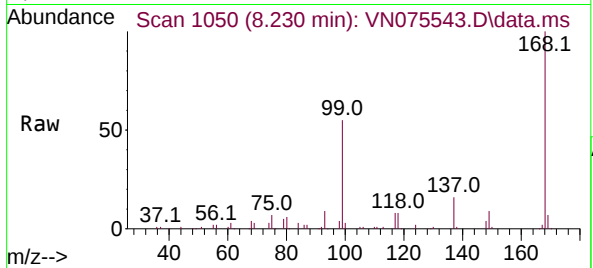




#31
Cyclohexane
Concen: 0.955 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

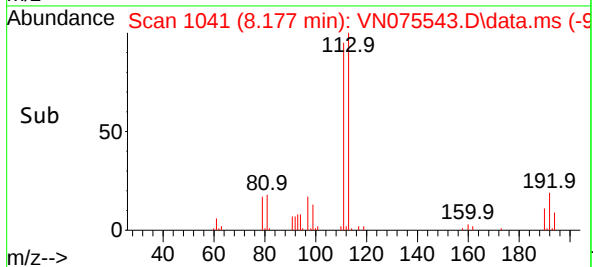
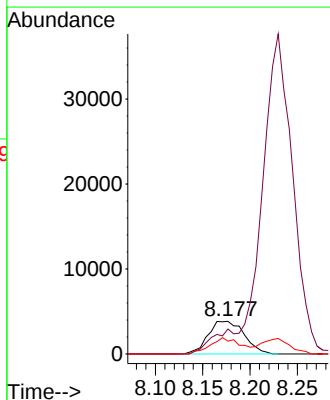
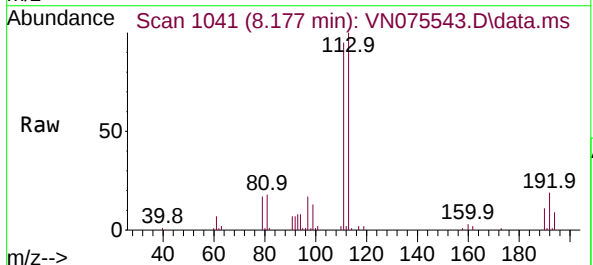
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

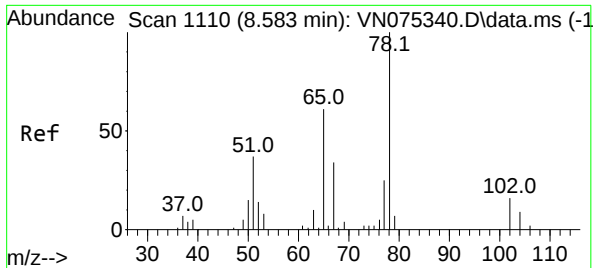
Tgt Ion: 56 Resp: 2524
Ion Ratio Lower Upper
56 100
69 146.6 25.2 37.8#
84 118.1 77.8 116.8#



#32
1,1,1-Trichloroethane
Concen: 3.603 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 97 Resp: 10214
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2#
61 41.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 48.446 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075543.D

Acq: 02 Dec 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

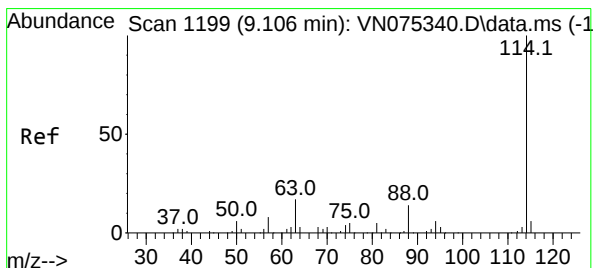
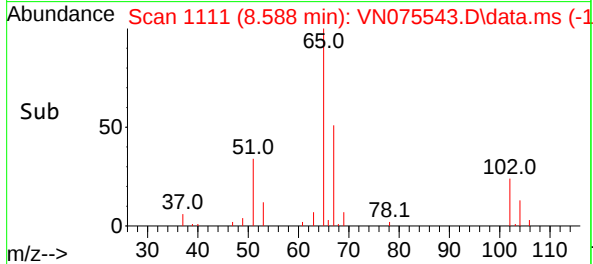
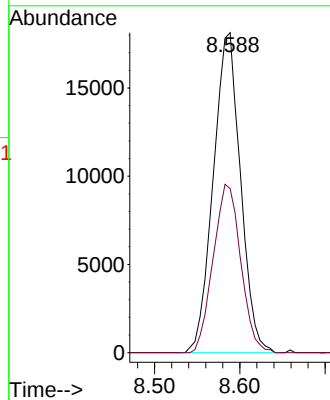
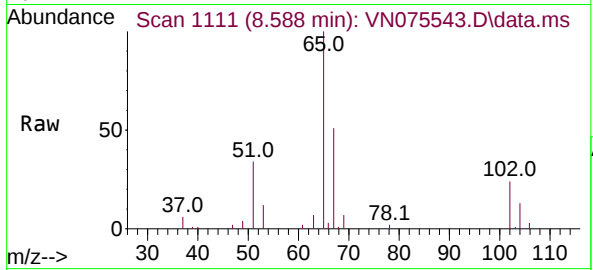
LEA-7I

Tgt Ion: 65 Resp: 40294

Ion Ratio Lower Upper

65 100

67 53.2 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: VN075543.D

Acq: 02 Dec 2022 19:41

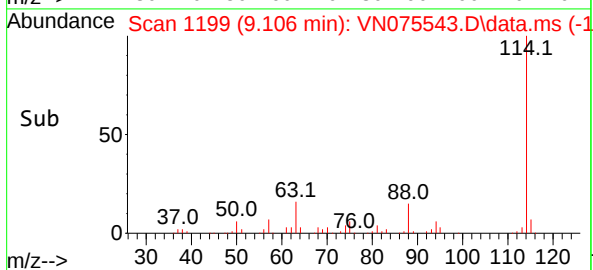
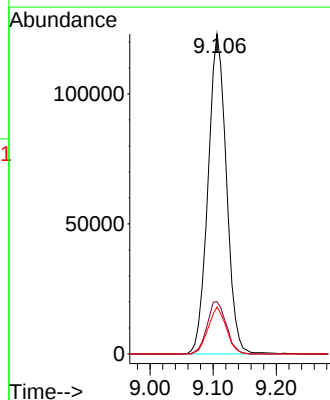
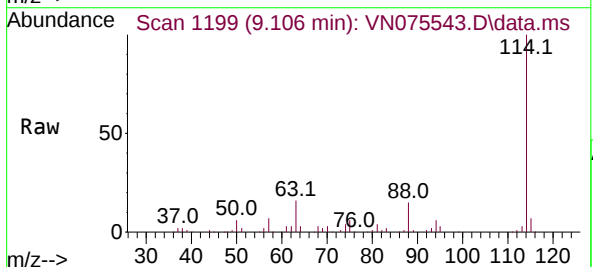
Tgt Ion: 114 Resp: 249129

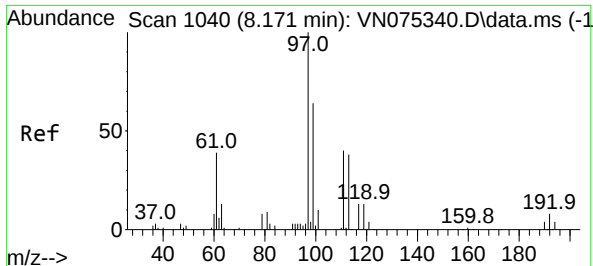
Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.422 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075543.D

Acq: 02 Dec 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

LEA-7I

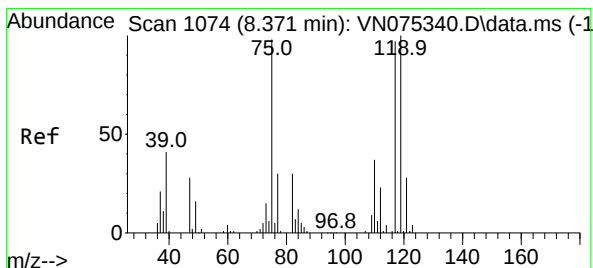
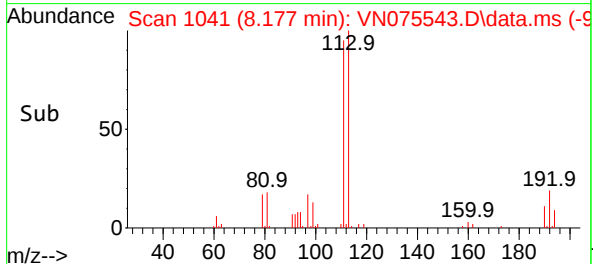
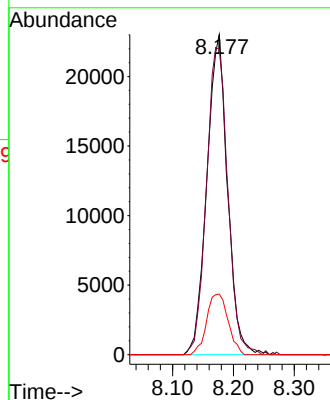
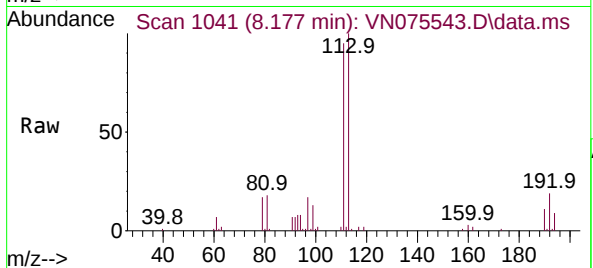
Tgt Ion:113 Resp: 54239

Ion Ratio Lower Upper

113 100

111 99.4 80.5 120.7

192 19.6 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075543.D

Acq: 02 Dec 2022 19:41

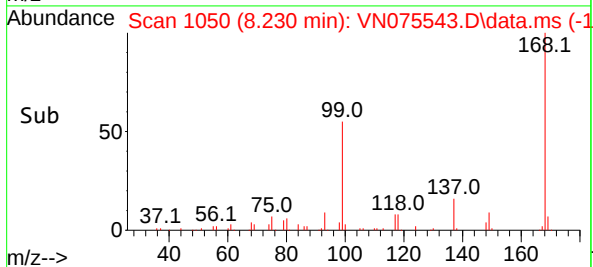
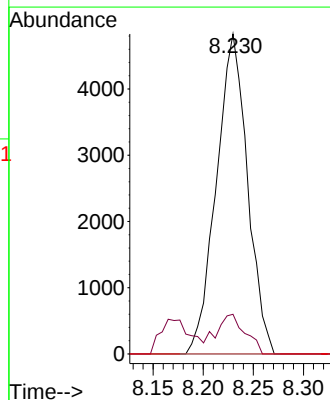
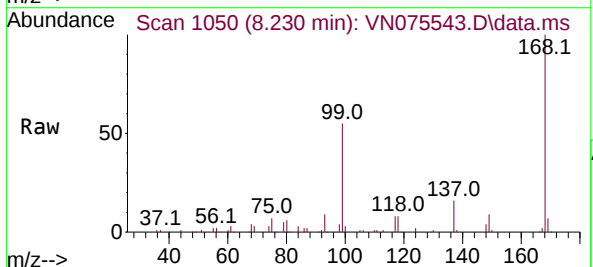
Tgt Ion: 75 Resp: 10428

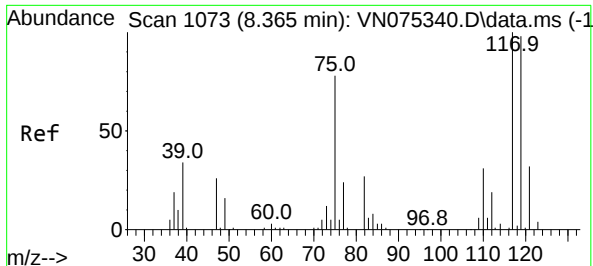
Ion Ratio Lower Upper

75 100

110 11.4 17.8 53.3#

77 0.0 24.6 37.0#

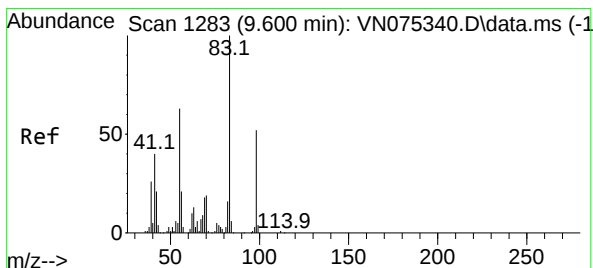
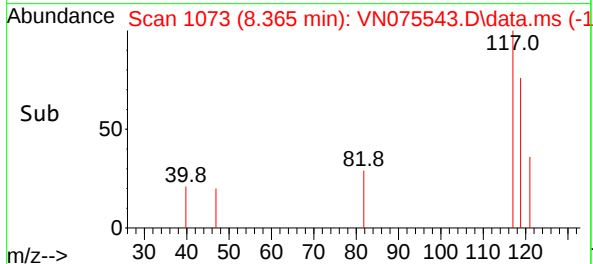
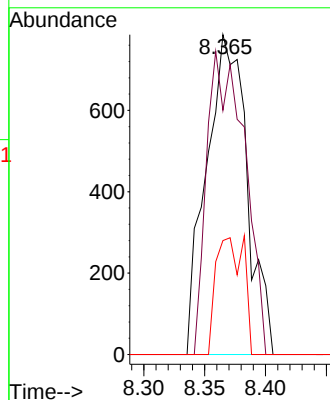
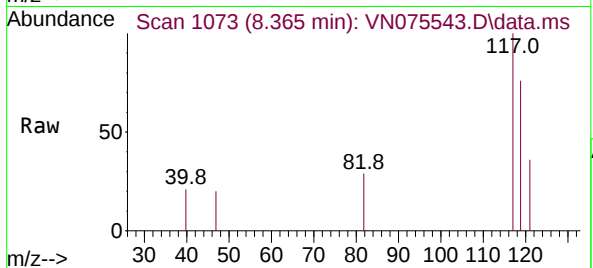




#38
Carbon Tetrachloride
Concen: 0.778 ug/l
RT: 8.365 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

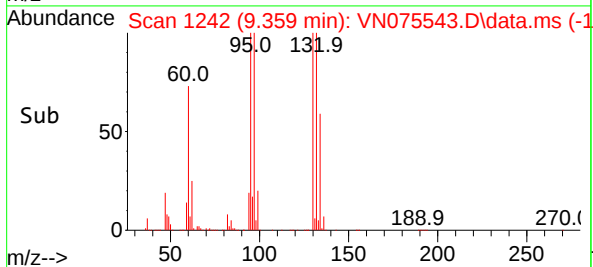
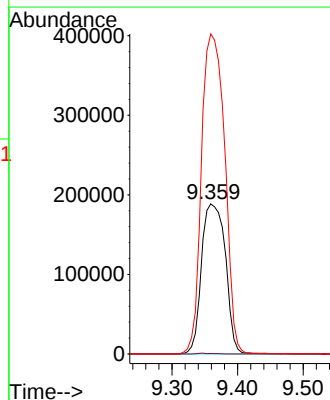
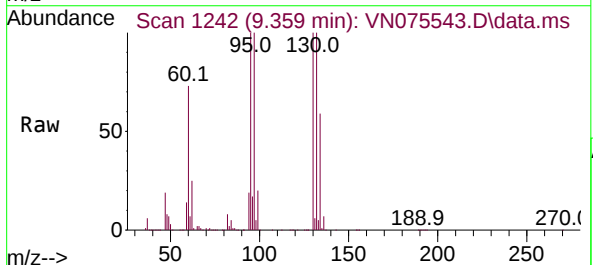
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

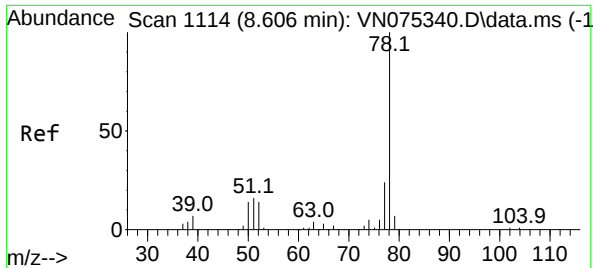
Tgt Ion:117 Resp: 1824
Ion Ratio Lower Upper
117 100
119 76.3 76.7 115.1#
121 35.6 23.9 35.9



#39
Methylcyclohexane
Concen: 178.667 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.241 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 83 Resp: 477235
Ion Ratio Lower Upper
83 100
55 0.3 53.6 80.4#
98 212.9 41.1 61.7#

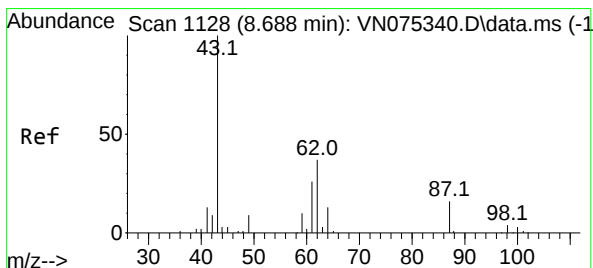
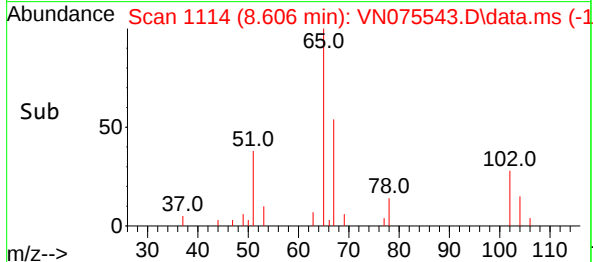
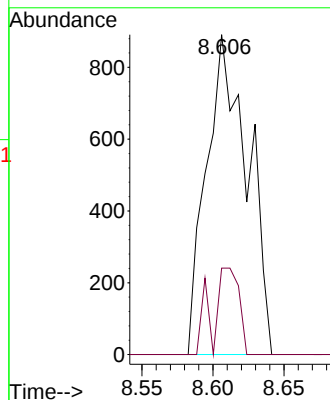
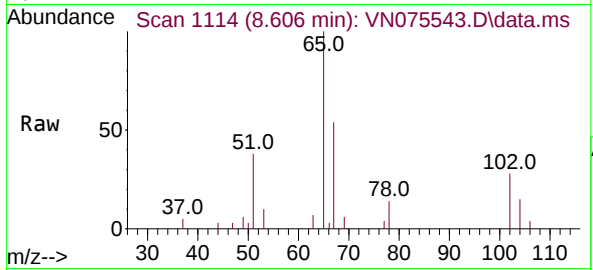




#40
Benzene
Concen: 0.274 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

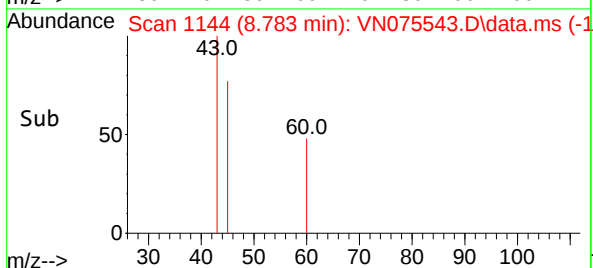
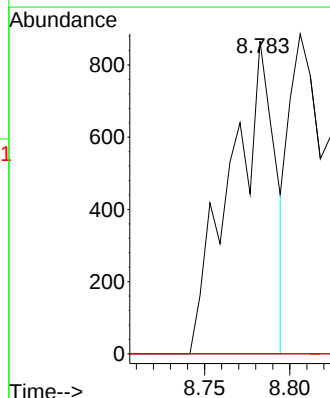
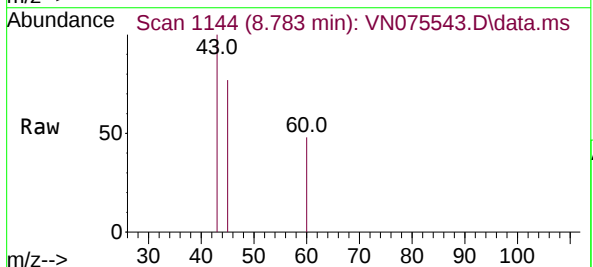
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

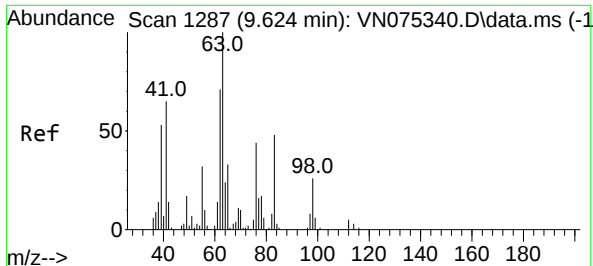
Tgt Ion: 78 Resp: 1789
Ion Ratio Lower Upper
78 100
77 27.0 19.4 29.0



#43
Isopropyl Acetate
Concen: 0.509 ug/l
RT: 8.783 min Scan# 1144
Delta R.T. 0.095 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

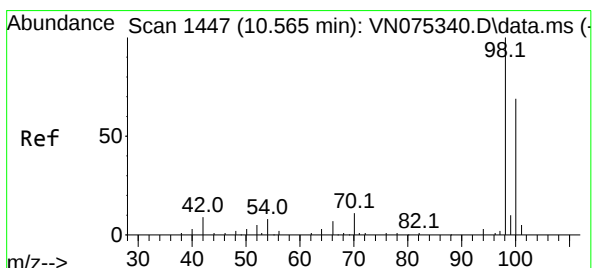
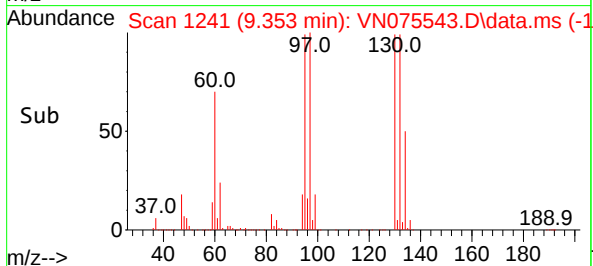
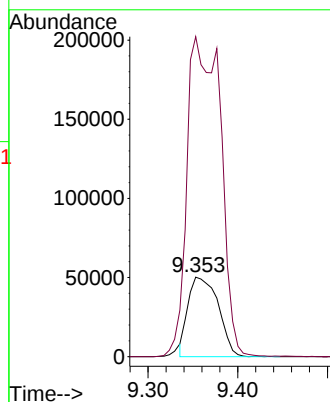
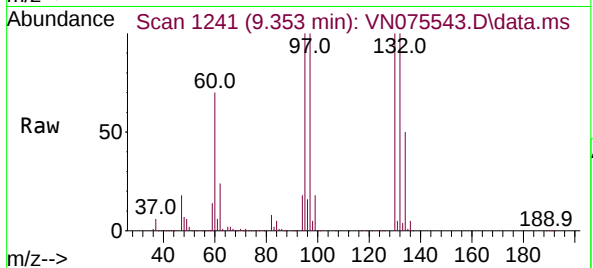




#45
1,2-Dichloropropane
Concen: 75.526 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.271 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

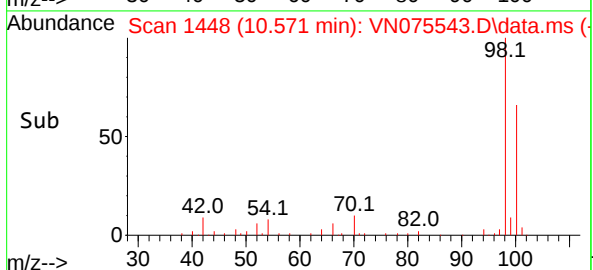
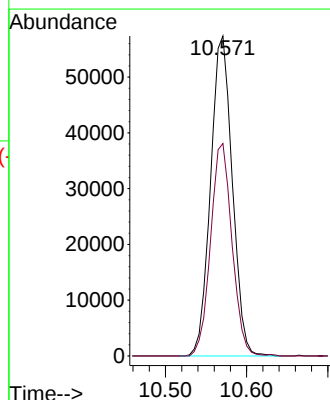
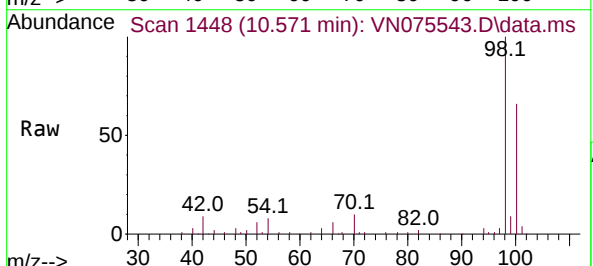
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

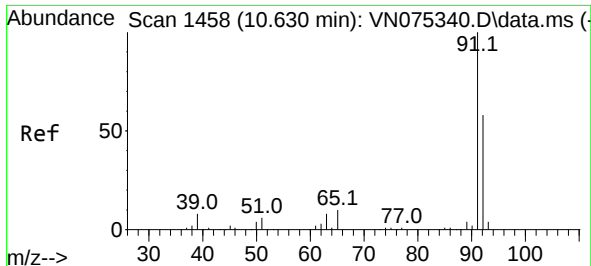
Tgt Ion: 63 Resp: 117607
Ion Ratio Lower Upper
63 100
65 401.6 26.1 39.1#



#50
Toluene-d8
Concen: 48.349 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 98 Resp: 106572
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6

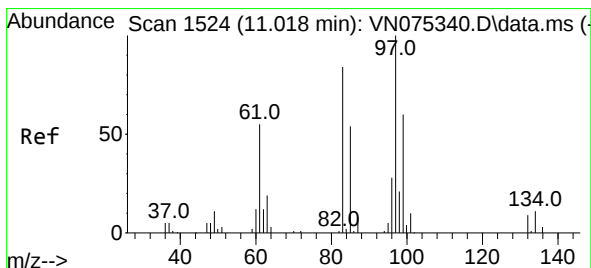
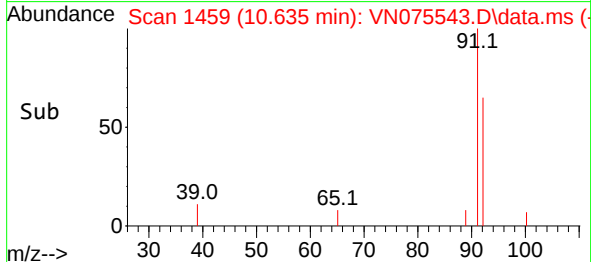
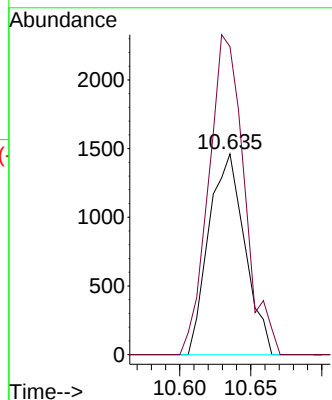
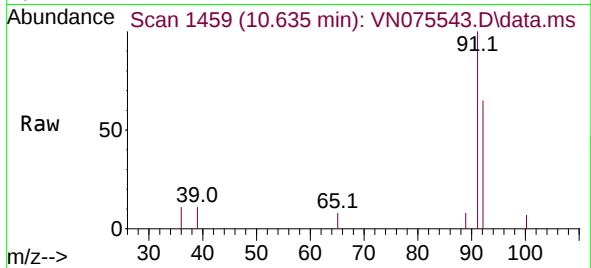




#52
Toluene
Concen: 0.612 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

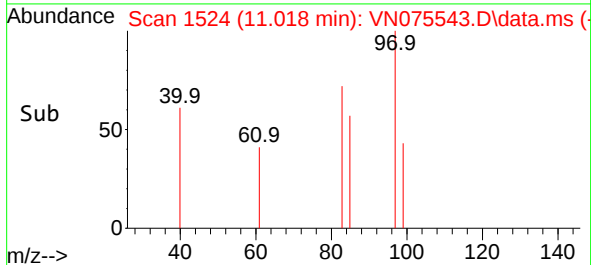
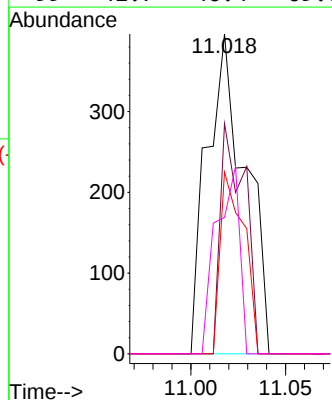
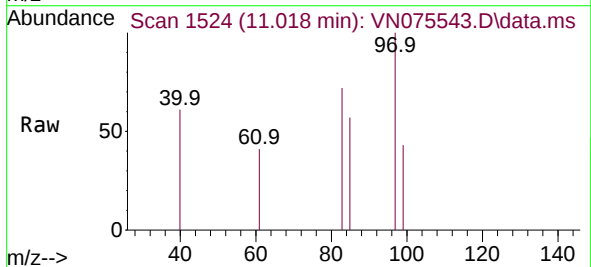
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

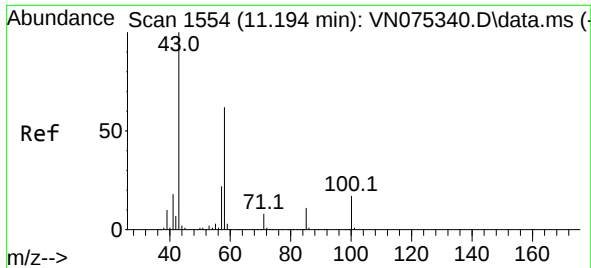
Tgt Ion: 92 Resp: 2578
Ion Ratio Lower Upper
92 100
91 157.4 135.4 203.2



#55
1,1,2-Trichloroethane
Concen: 0.325 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 97 Resp: 558
Ion Ratio Lower Upper
97 100
83 72.0 65.9 98.9
85 56.8 40.4 60.6
99 42.7 46.4 69.6#

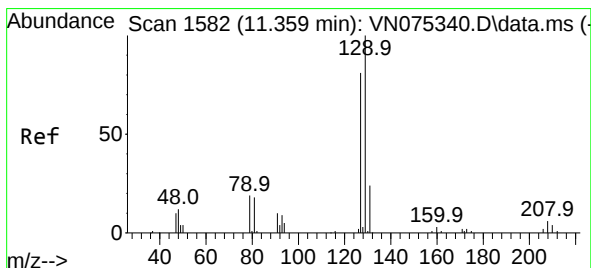
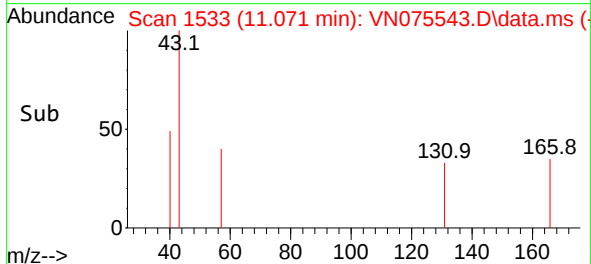
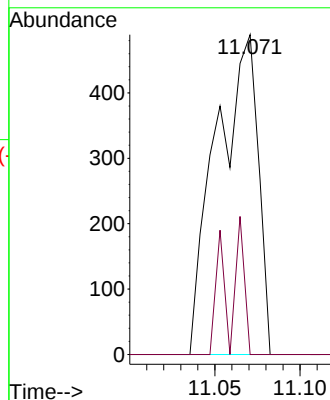
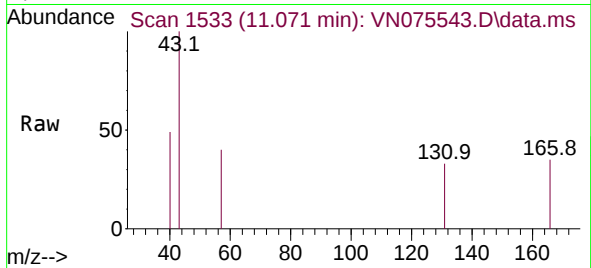




#59
2-Hexanone
Concen: 0.564 ug/l
RT: 11.071 min Scan# 1533
Delta R.T. -0.123 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

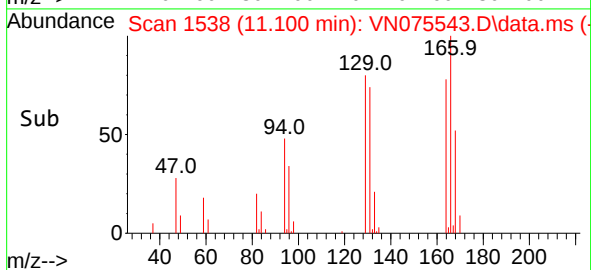
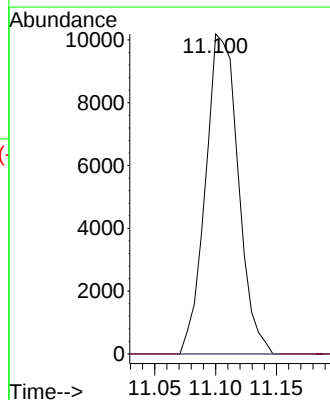
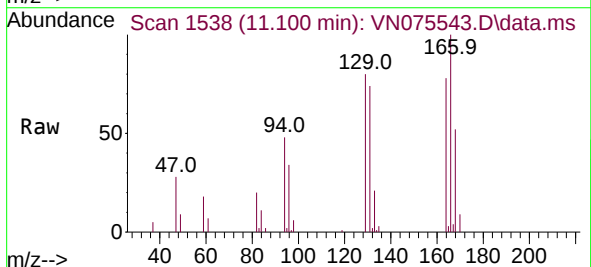
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

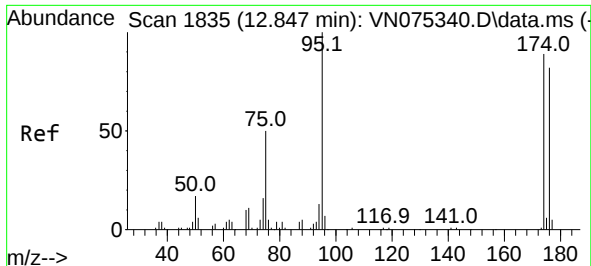
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 16.9 29.6 88.8#



#60
Dibromochloromethane
Concen: 10.820 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.259 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 129 Resp: 19047
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

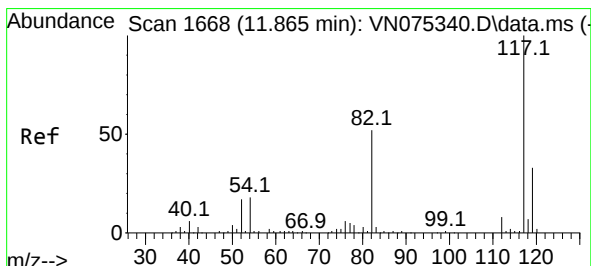
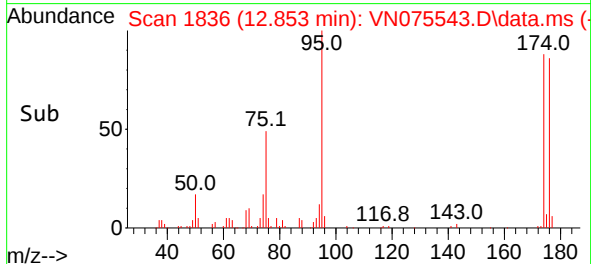
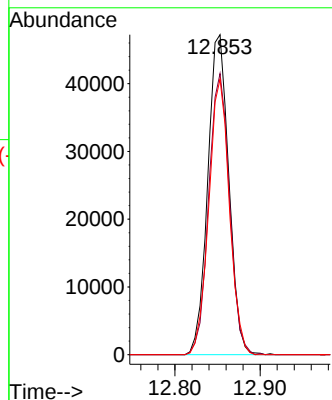
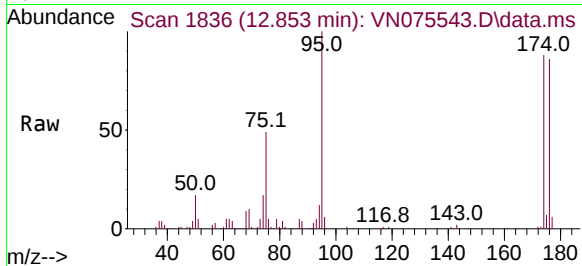




#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

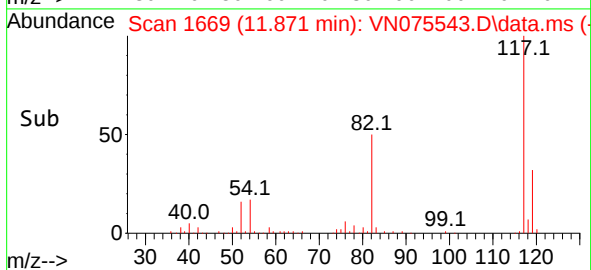
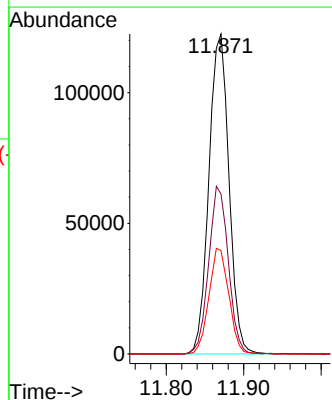
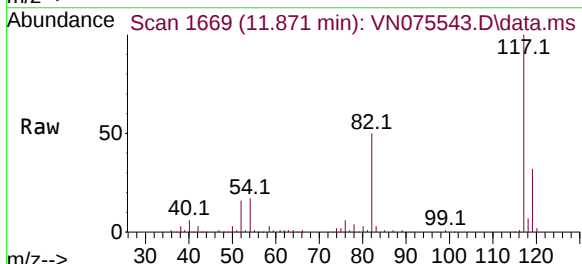
Instrument :
MSVOA_N
ClientSampleId :
LEA-71

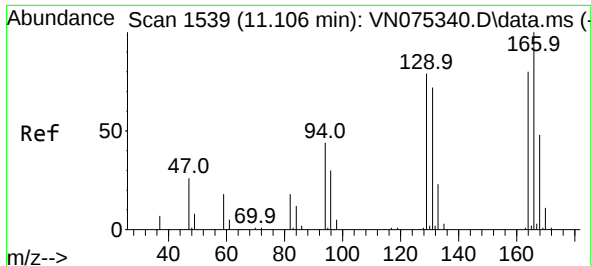
Tgt Ion: 95 Resp: 81078
Ion Ratio Lower Upper
95 100
174 86.7 0.0 147.4
176 84.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

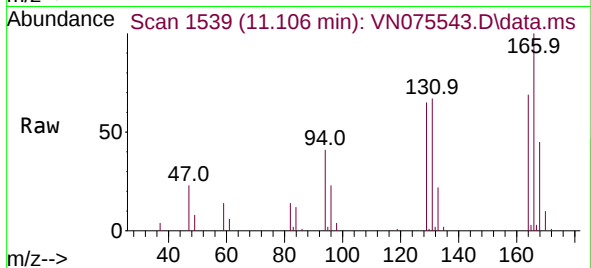
Tgt Ion: 117 Resp: 220103
Ion Ratio Lower Upper
117 100
82 50.0 43.1 64.7
119 32.3 25.5 38.3



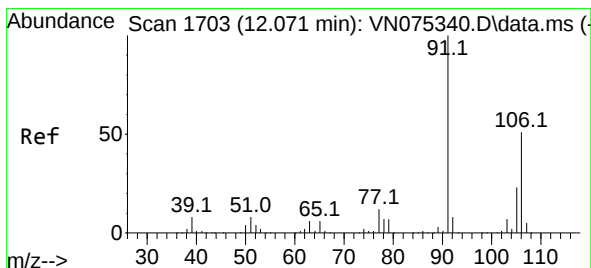
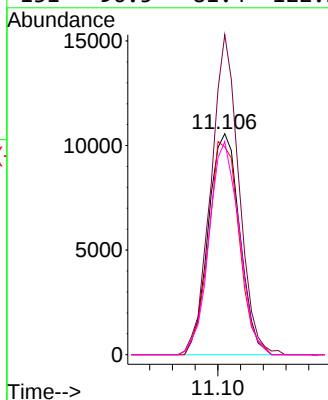
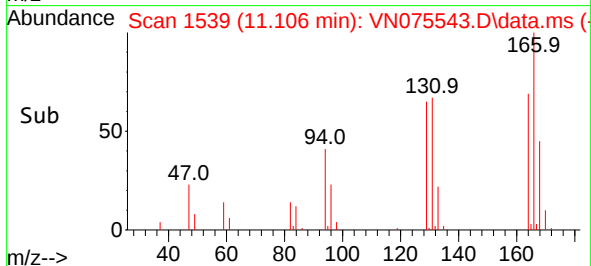


#64
Tetrachloroethene
Concen: 12.042 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

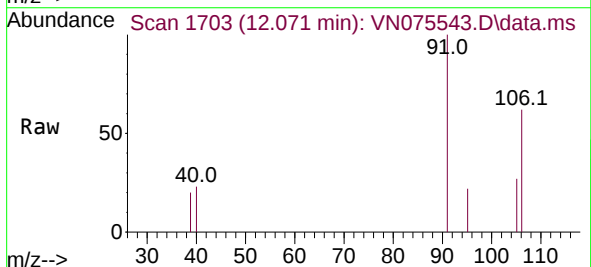
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I



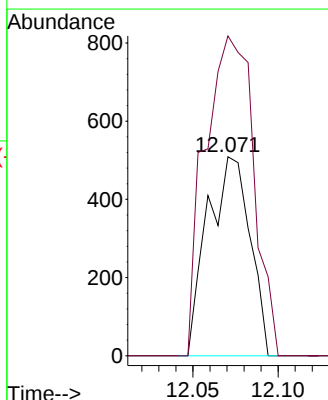
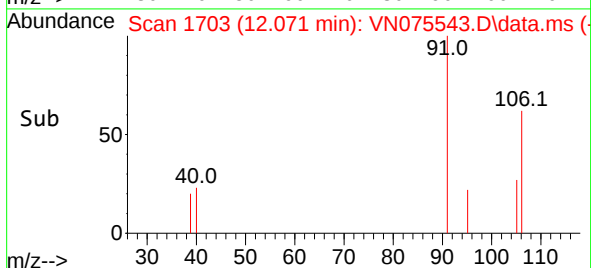
Tgt Ion:164 Resp: 20241
Ion Ratio Lower Upper
164 100
166 144.8 106.5 159.7
129 94.0 81.9 122.9
131 96.5 81.4 122.2

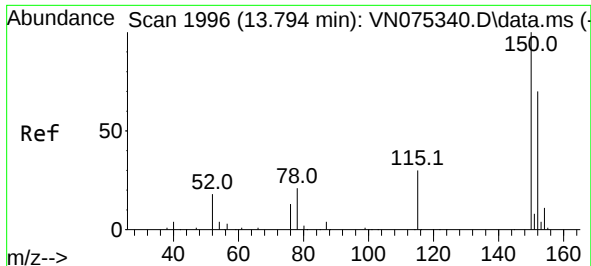


#68
m/p-Xylenes
Concen: 0.279 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41



Tgt Ion:106 Resp: 880
Ion Ratio Lower Upper
106 100
91 184.4 156.0 234.0

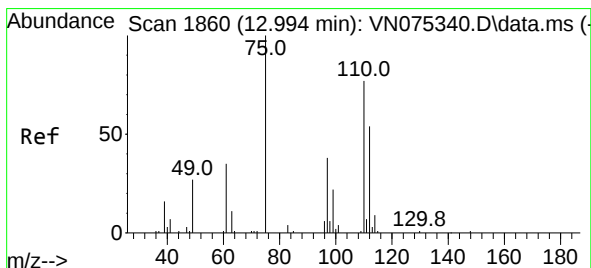
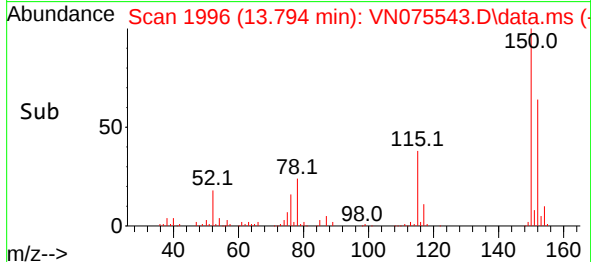
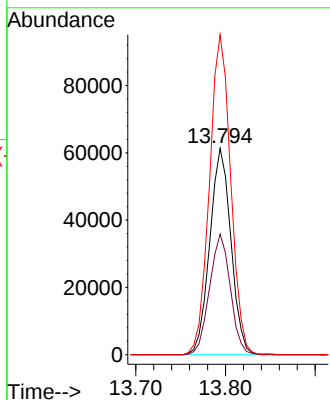
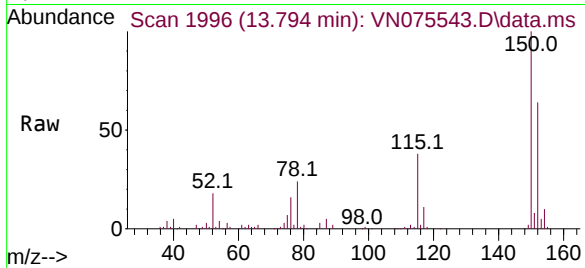




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075543.D
 Acq: 02 Dec 2022 19:41

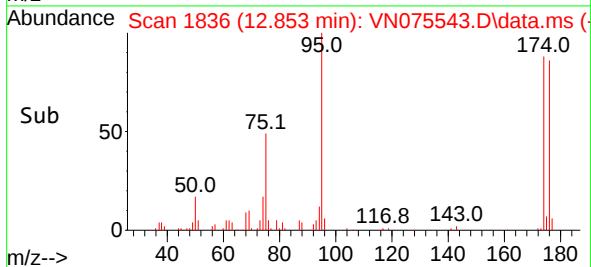
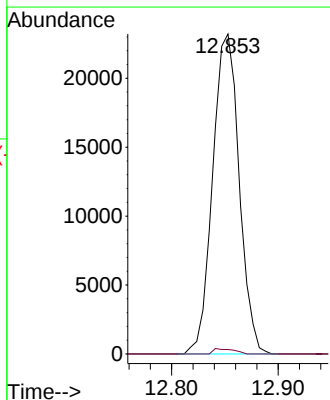
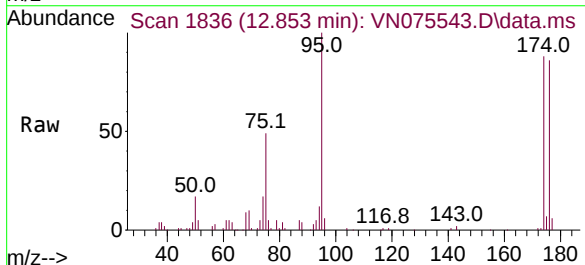
Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7I

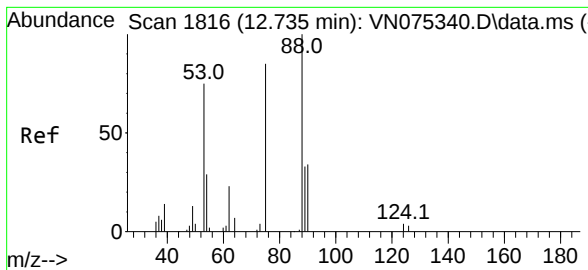
Tgt Ion:152 Resp: 100651
 Ion Ratio Lower Upper
 152 100
 115 57.1 30.2 90.6
 150 155.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 21.084 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075543.D
 Acq: 02 Dec 2022 19:41

Tgt Ion: 75 Resp: 40123
 Ion Ratio Lower Upper
 75 100
 77 1.3 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.381 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075543.D
 Acq: 02 Dec 2022 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7I

Tgt Ion: 75 Resp: 40123
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

