

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075656.D
 Acq On : 08 Dec 2022 18:56
 Operator : JC\MD
 Sample : N5865-01DL 1000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7IDL2

Quant Time: Dec 09 02:30:34 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)

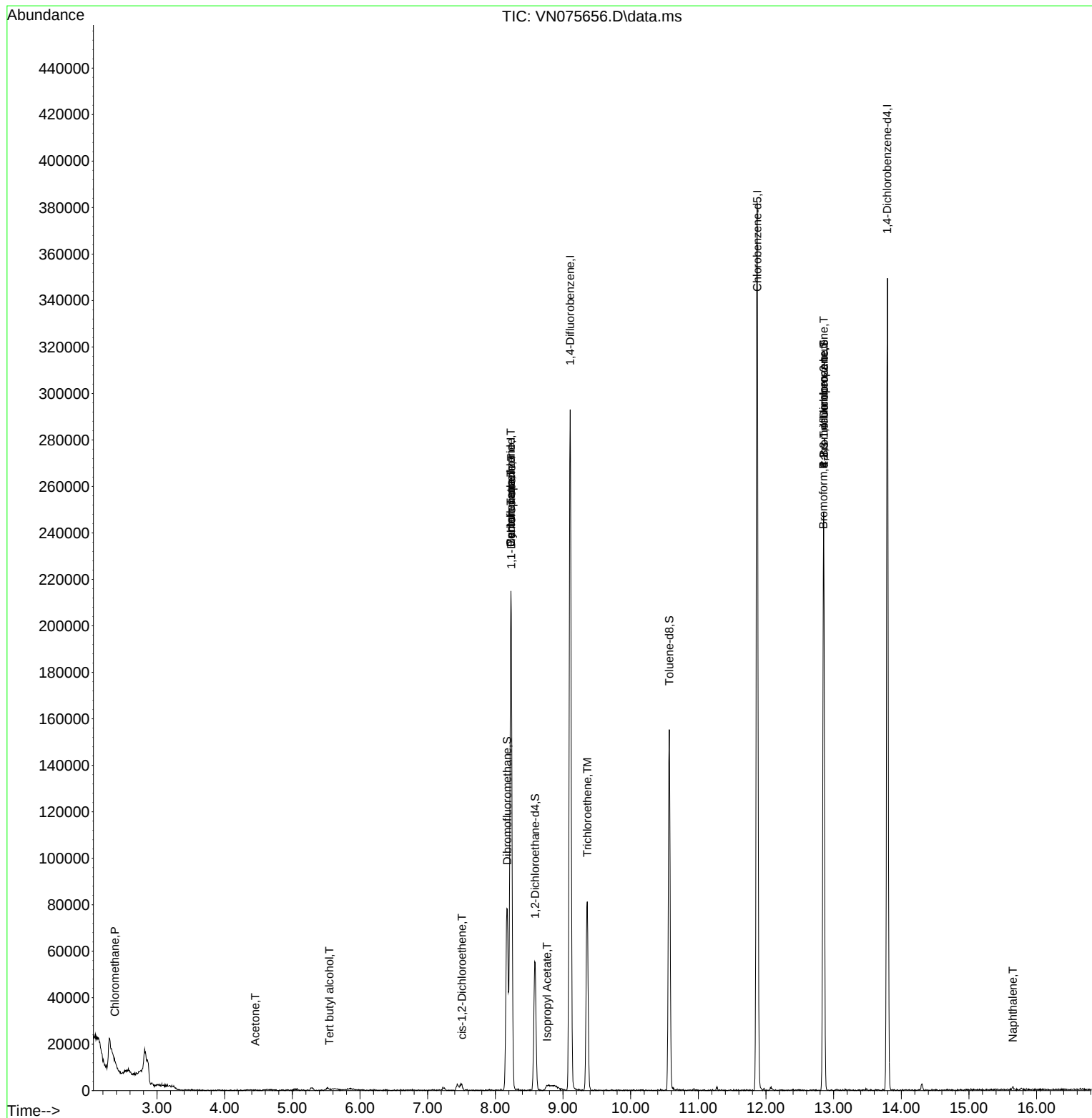
Internal Standards						
1) Pentafluorobenzene	8.229	168	168746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	239164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	45582	50.322	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.640%	
35) Dibromofluoromethane	8.177	113	58109	53.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.240%	
50) Toluene-d8	10.570	98	115467	47.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.600%	
62) 4-Bromofluorobenzene	12.853	95	82156	45.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.200%	
Target Compounds						Qvalue
3) Chloromethane	2.377	50	356	0.222	ug/l #	42
11) Tert butyl alcohol	5.547	59	148	0.389	ug/l #	72
16) Acetone	4.453	43	204	0.241	ug/l #	43
18) Methyl Acetate	5.053	43	1458	Below Cal	#	65
20) Methylene Chloride	5.277	84	406	Below Cal	#	62
27) cis-1,2-Dichloroethene	7.506	96	2034	1.010	ug/l	75
31) Cyclohexane	8.229	56	3152	1.095	ug/l #	18
36) 1,1-Dichloropropene	8.235	75	11837	5.008	ug/l #	51
38) Carbon Tetrachloride	8.229	117	15757	6.069	ug/l #	15
43) Isopropyl Acetate	8.765	43	1531	0.448	ug/l #	53
44) Trichloroethene	9.359	130	30917	15.615	ug/l	98
71) Bromoform	12.847	173	640	0.456	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	41854	21.907	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41854	64.819	ug/l #	10
95) Naphthalene	15.647	128	1904	0.351	ug/l #	79

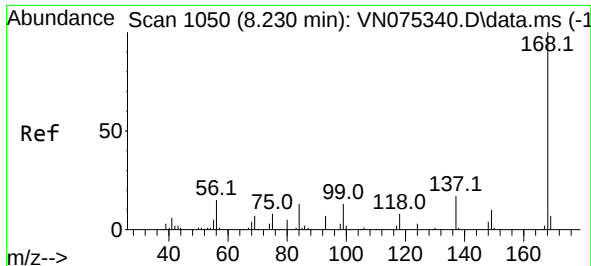
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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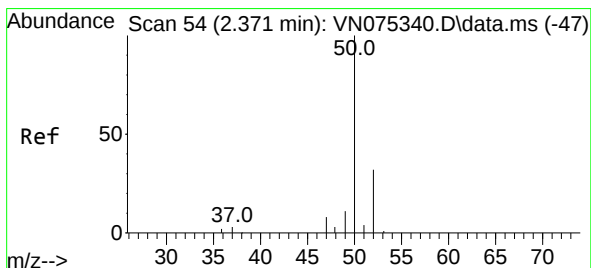
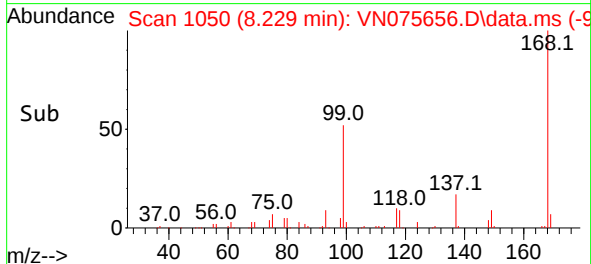
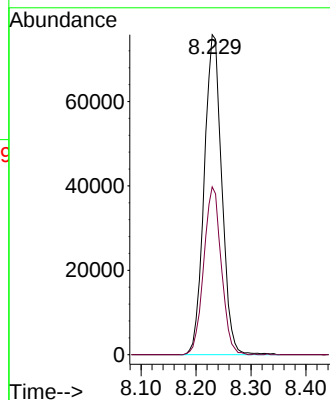
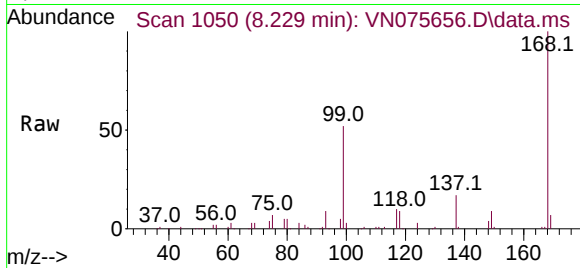




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

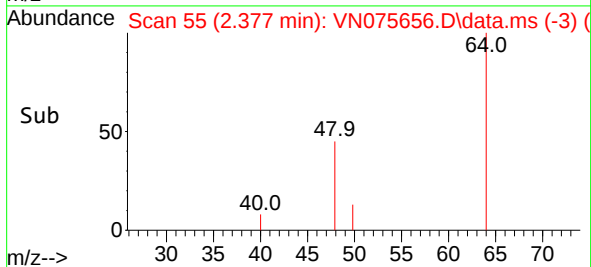
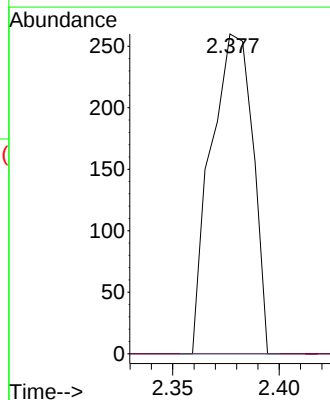
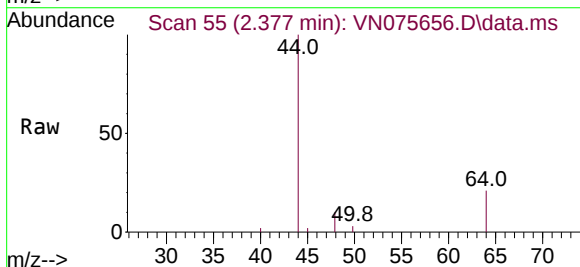
Instrument :
MSVOA_N
ClientSampleId :
LEA-7IDL2

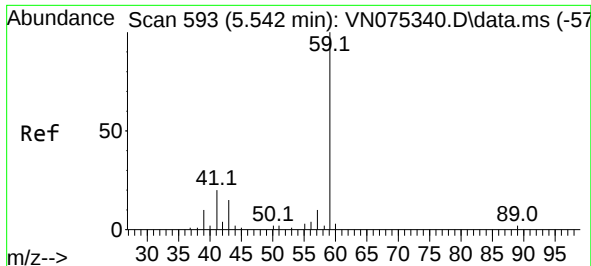
Tgt Ion:168 Resp: 168746
Ion Ratio Lower Upper
168 100
99 52.4 51.6 77.4



#3
Chloromethane
Concen: 0.222 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#





#11

Tert butyl alcohol

Concen: 0.389 ug/l

RT: 5.547 min Scan# 59

Delta R.T. 0.005 min

Lab File: VN075656.D

Acq: 08 Dec 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

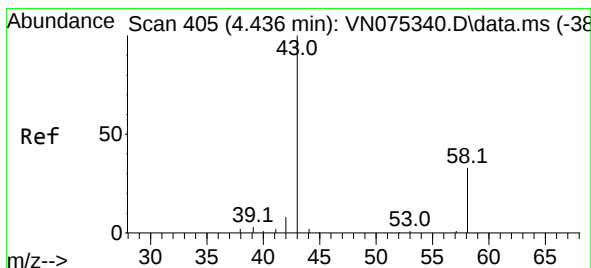
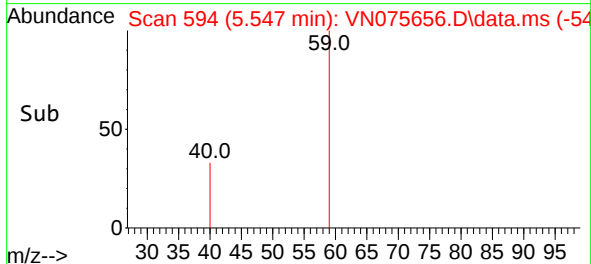
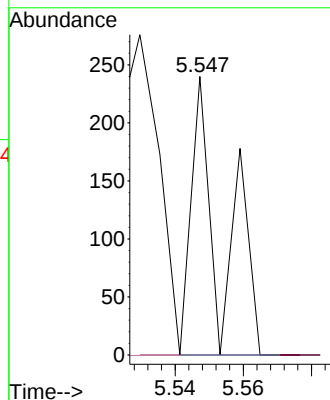
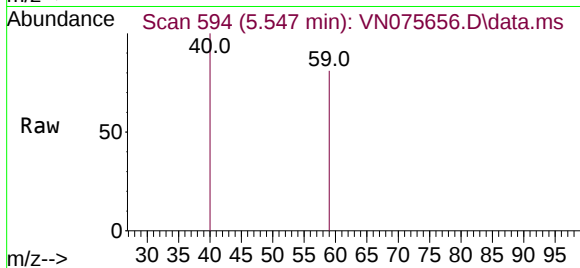
LEA-7IDL2

Tgt Ion: 59 Resp: 148

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 0.241 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.017 min

Lab File: VN075656.D

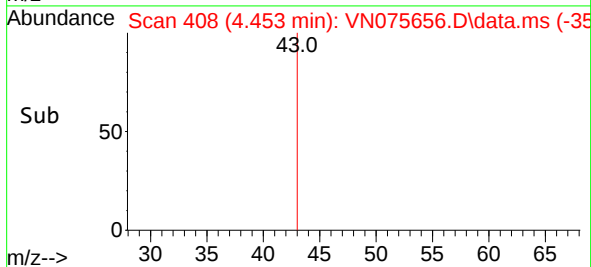
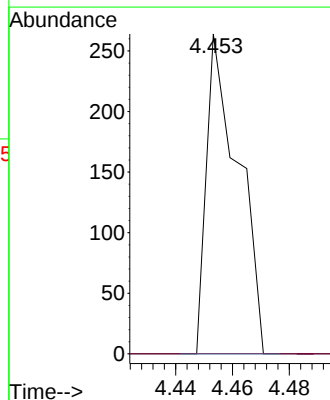
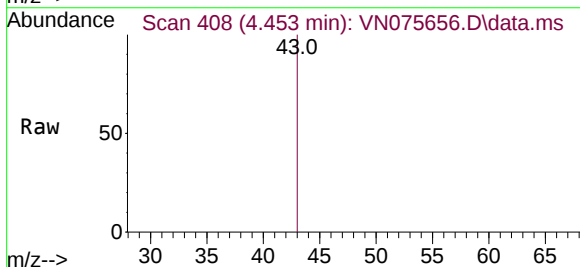
Acq: 08 Dec 2022 18:56

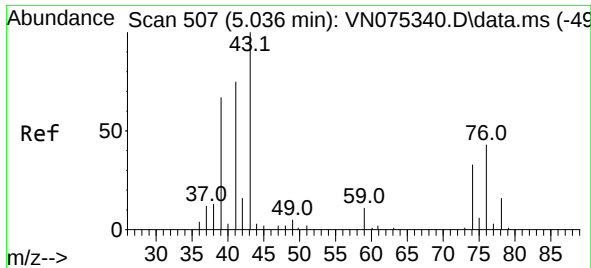
Tgt Ion: 43 Resp: 204

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#

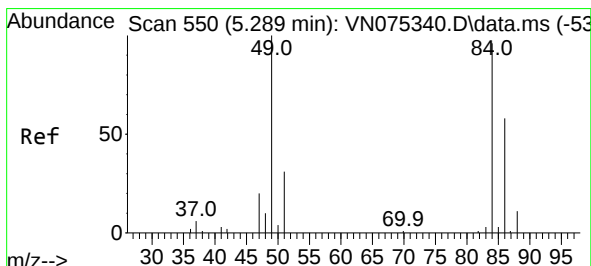
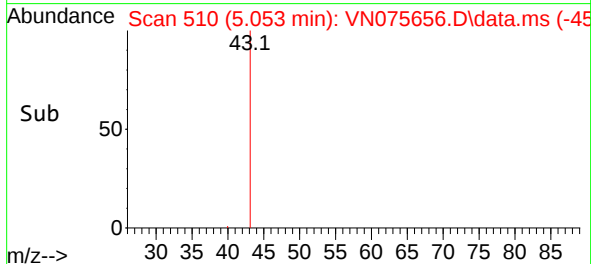
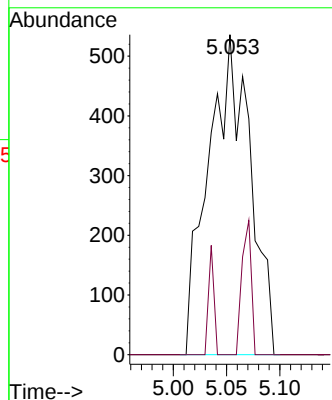
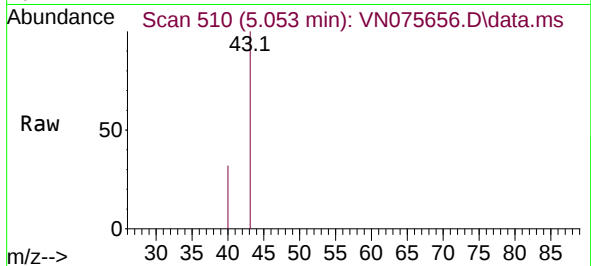




#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

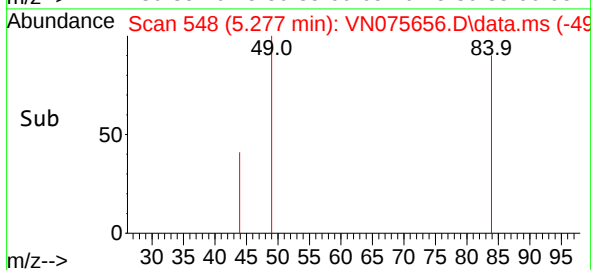
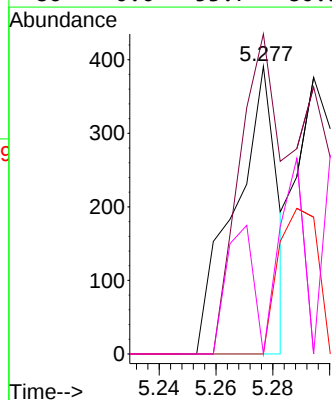
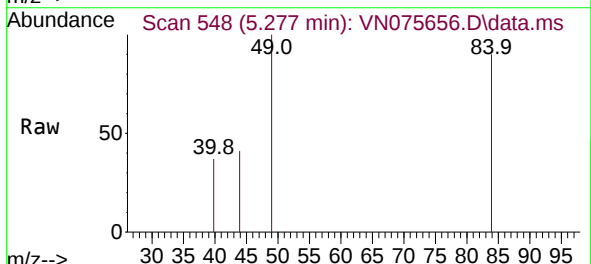
Instrument :
MSVOA_N
ClientSampleId :
LEA-7IDL2

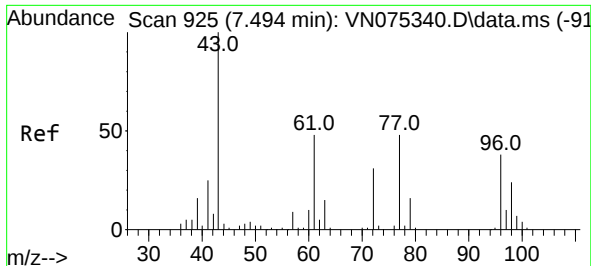
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
74 9.4 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

Tgt Ion: 84 Resp: 406
Ion Ratio Lower Upper
84 100
49 111.3 94.9 142.3
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#





#27

cis-1,2-Dichloroethene

Concen: 1.010 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN075656.D

Acq: 08 Dec 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

LEA-7IDL2

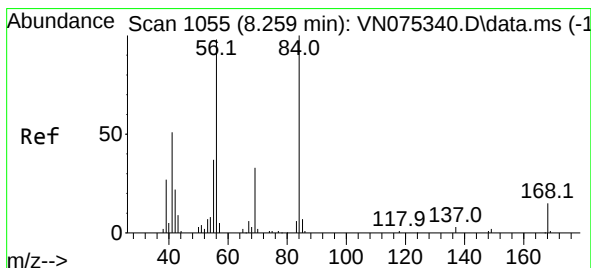
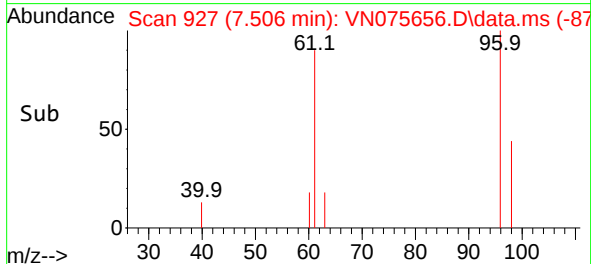
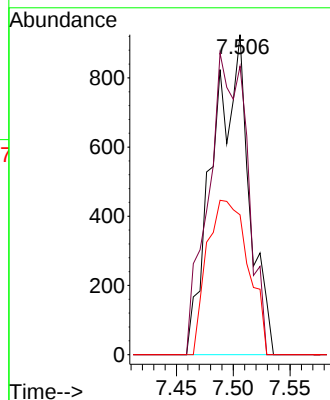
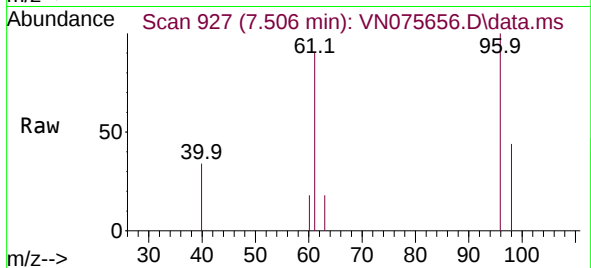
Tgt Ion: 96 Resp: 2034

Ion Ratio Lower Upper

96 100

61 101.7 0.0 278.8

98 55.4 0.0 128.4



#31

Cyclohexane

Concen: 1.095 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.030 min

Lab File: VN075656.D

Acq: 08 Dec 2022 18:56

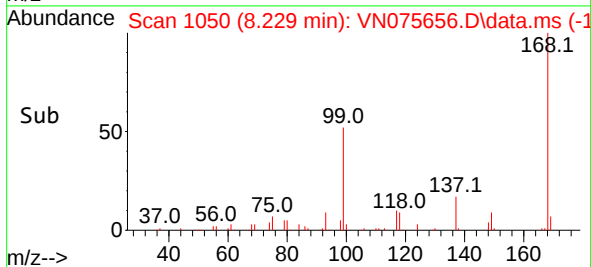
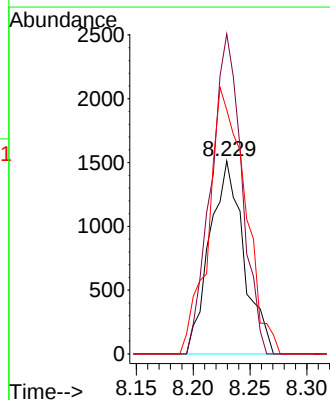
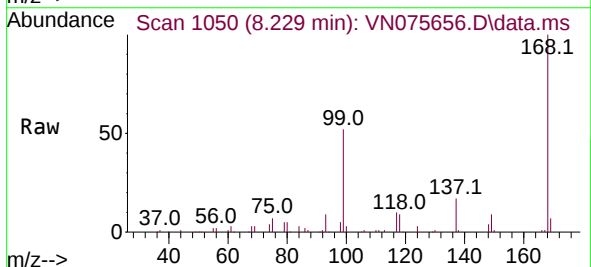
Tgt Ion: 56 Resp: 3152

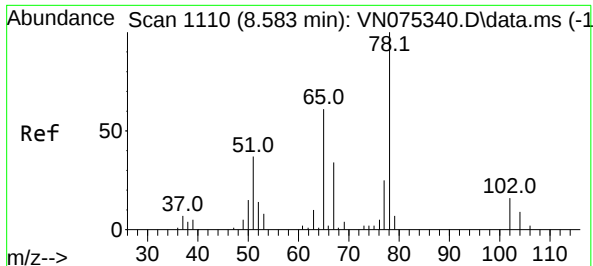
Ion Ratio Lower Upper

56 100

69 165.9 25.2 37.8#

84 126.5 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 50.322 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075656.D

Acq: 08 Dec 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

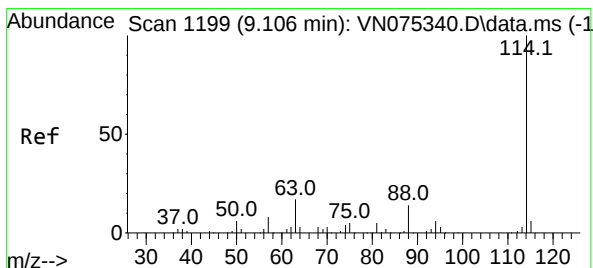
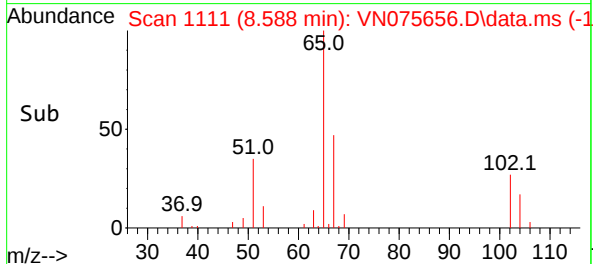
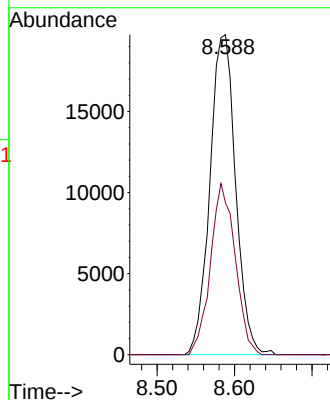
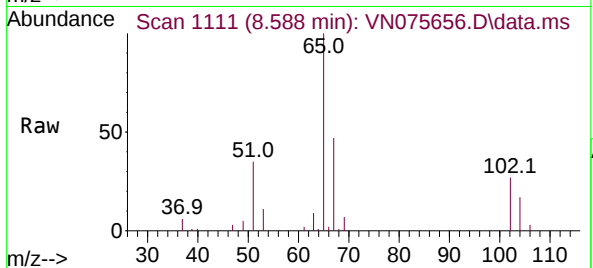
LEA-7IDL2

Tgt Ion: 65 Resp: 45582

Ion Ratio Lower Upper

65 100

67 51.3 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: VN075656.D

Acq: 08 Dec 2022 18:56

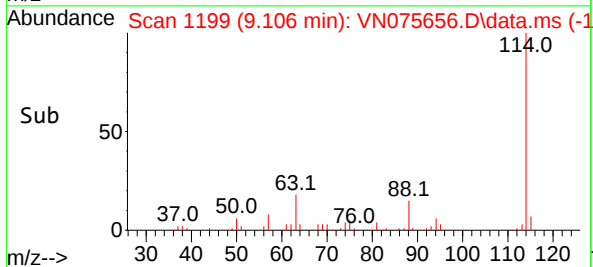
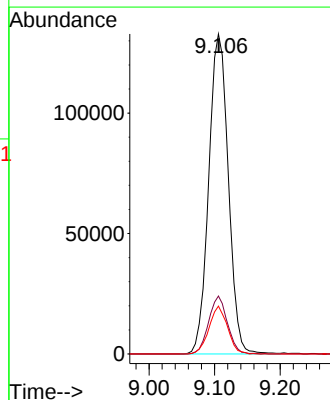
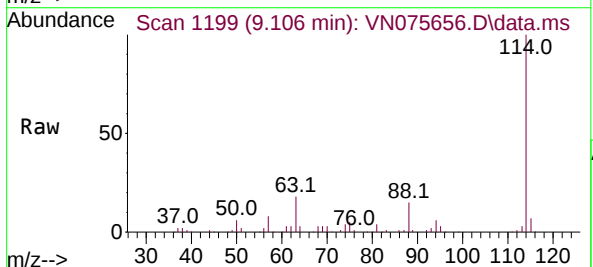
Tgt Ion:114 Resp: 275888

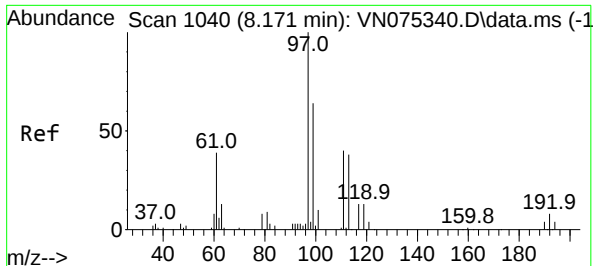
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.617 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075656.D

Acq: 08 Dec 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

LEA-7IDL2

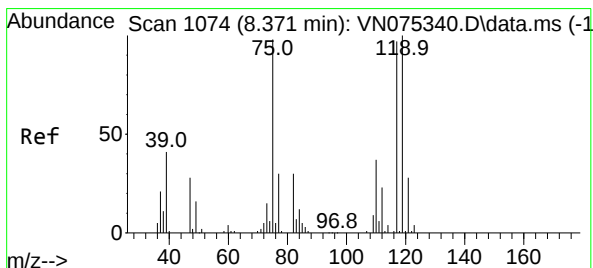
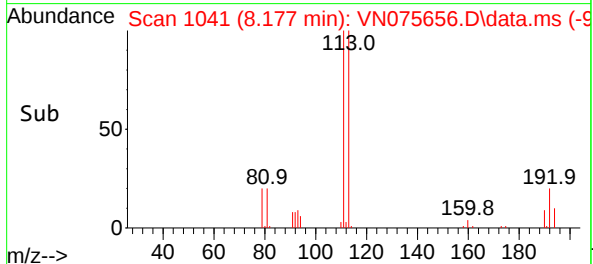
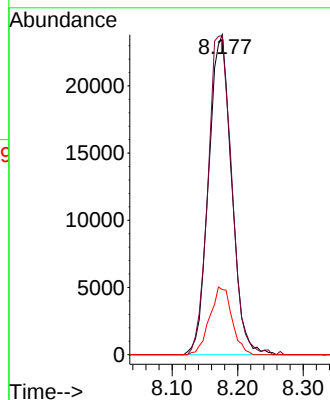
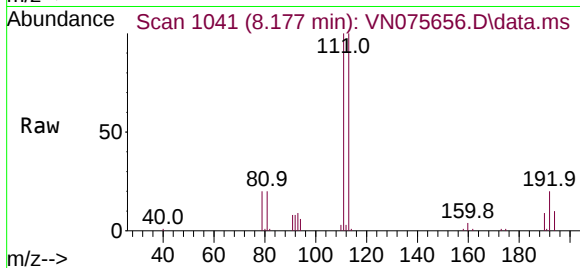
Tgt Ion:113 Resp: 58109

Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

192 20.4 13.2 19.8#



#36

1,1-Dichloropropene

Concen: 5.008 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.136 min

Lab File: VN075656.D

Acq: 08 Dec 2022 18:56

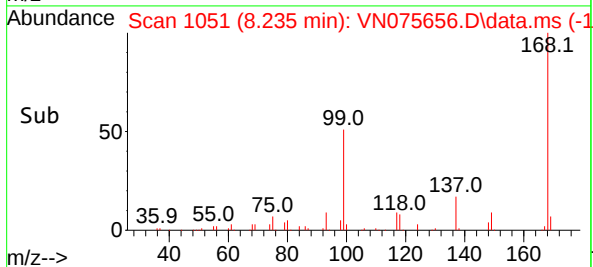
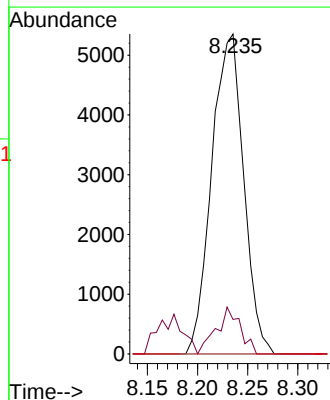
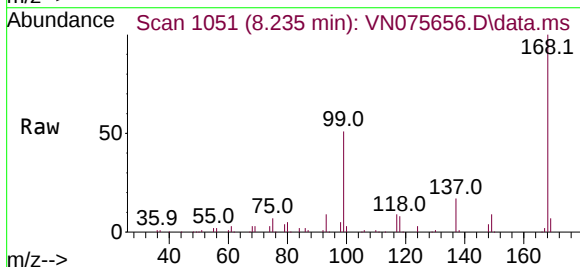
Tgt Ion: 75 Resp: 11837

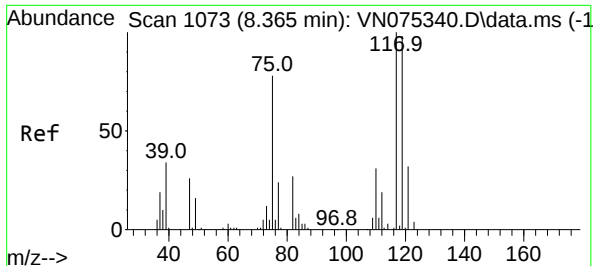
Ion Ratio Lower Upper

75 100

110 10.9 17.8 53.3#

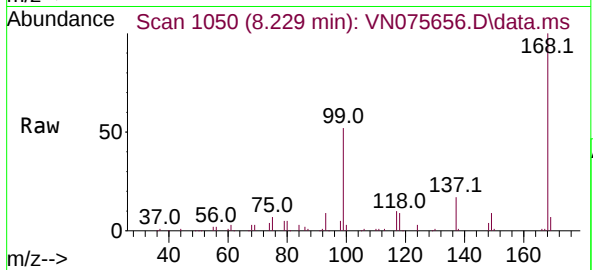
77 0.0 24.6 37.0#



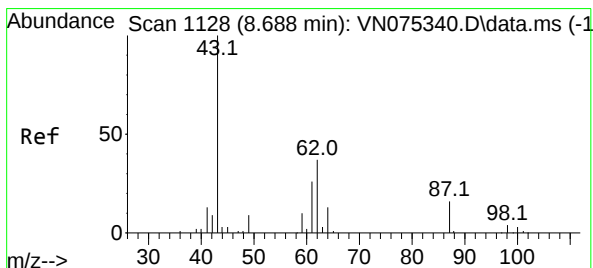
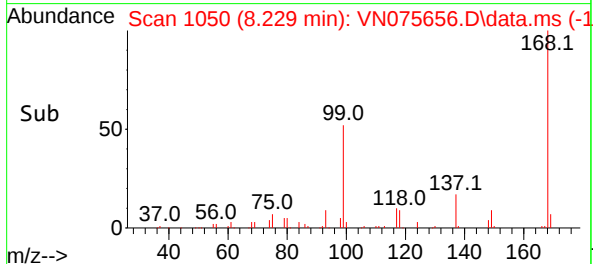
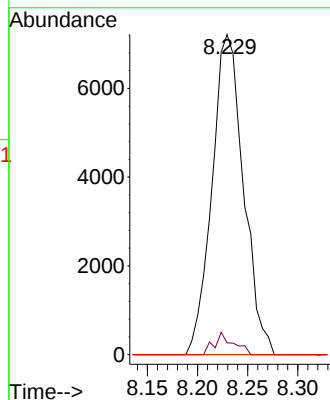


#38
Carbon Tetrachloride
Concen: 6.069 ug/l
RT: 8.229 min Scan# 1105
Delta R.T. -0.136 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
LEA-7IDL2

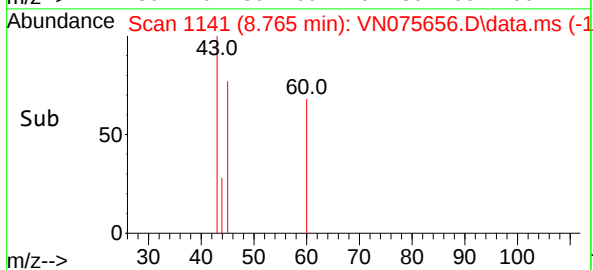
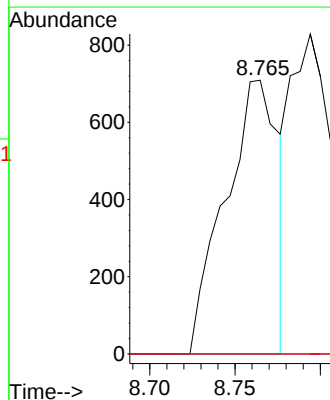
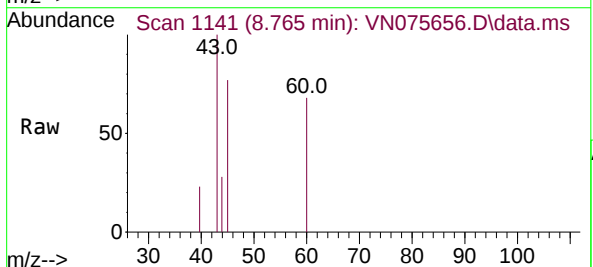


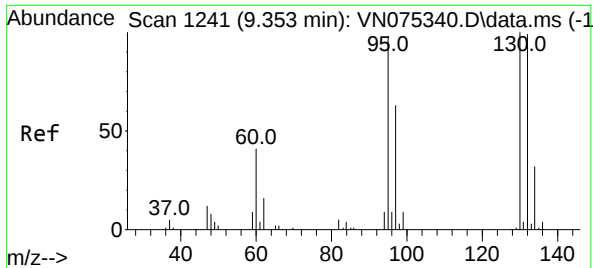
Tgt Ion:117 Resp: 15757
Ion Ratio Lower Upper
117 100
119 3.7 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.448 ug/l
RT: 8.765 min Scan# 1141
Delta R.T. 0.077 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

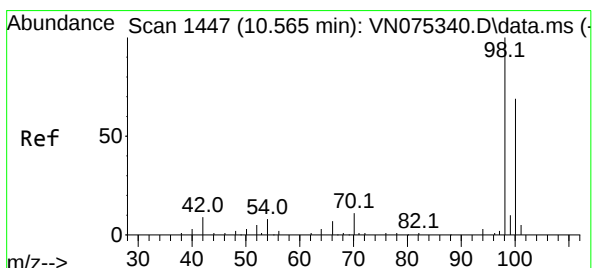
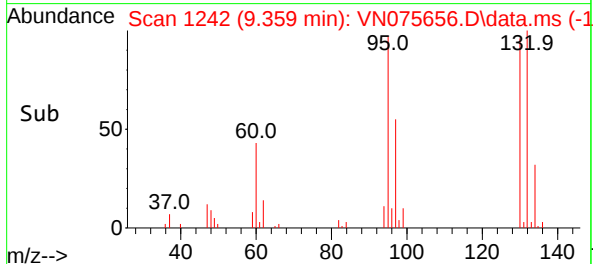
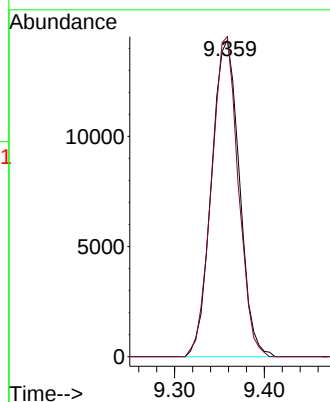
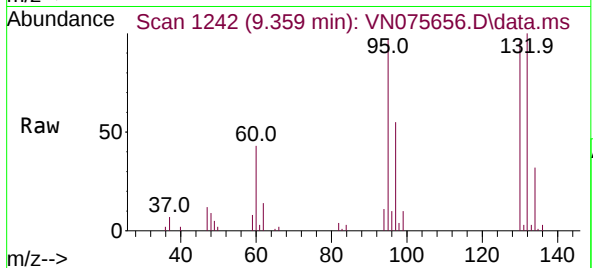




#44
Trichloroethene
Concen: 15.615 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

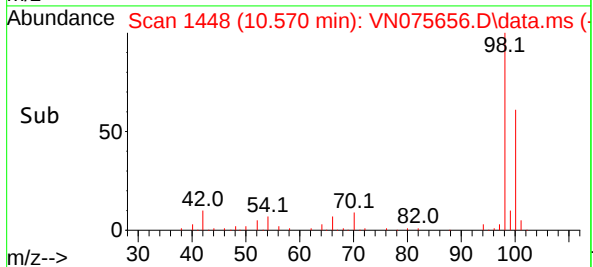
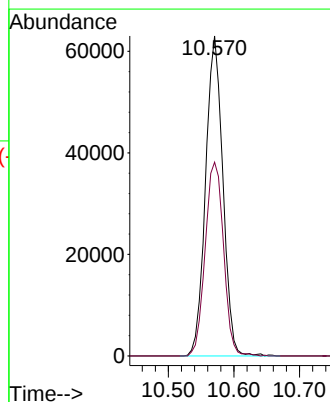
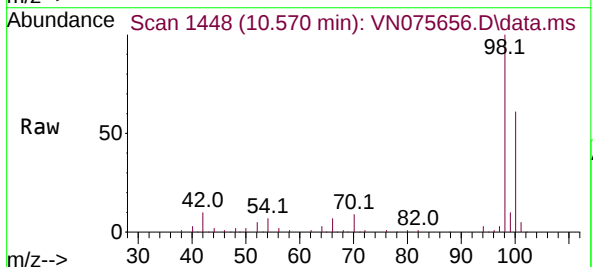
Instrument :
MSVOA_N
ClientSampleId :
LEA-7IDL2

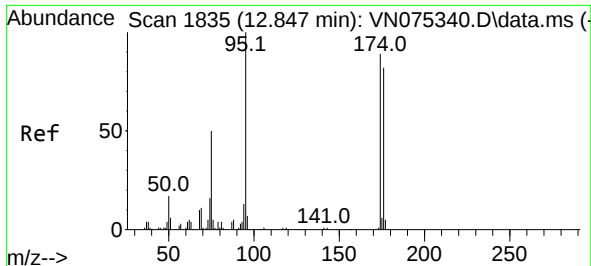
Tgt Ion:130 Resp: 30917
Ion Ratio Lower Upper
130 100
95 101.0 0.0 198.4



#50
Toluene-d8
Concen: 47.304 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

Tgt Ion: 98 Resp: 115467
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.6

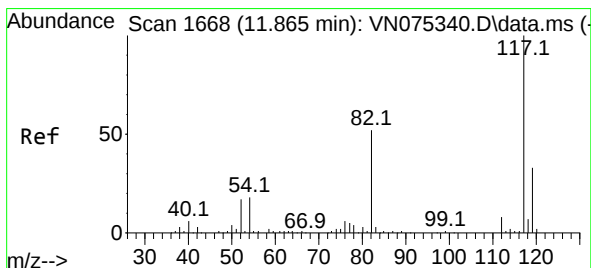
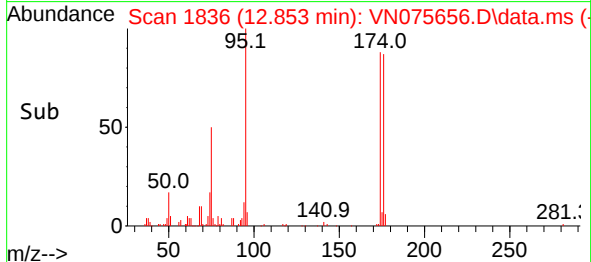
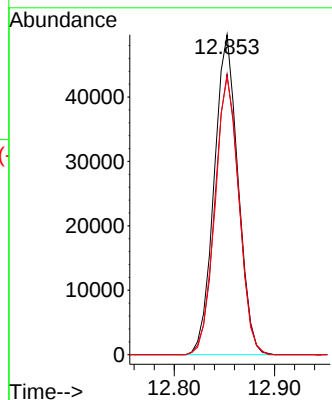
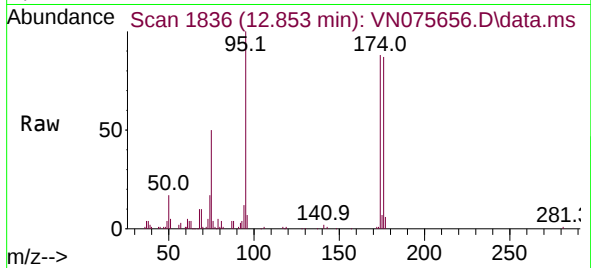




#62
4-Bromofluorobenzene
Concen: 45.599 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

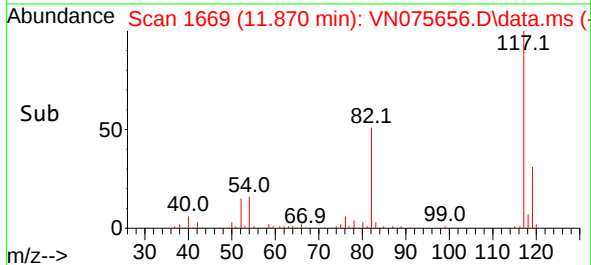
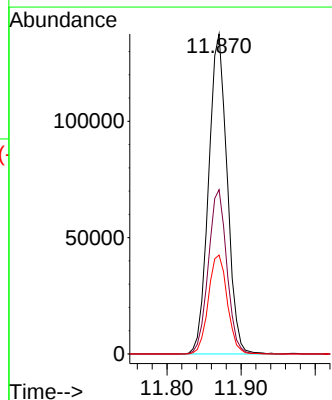
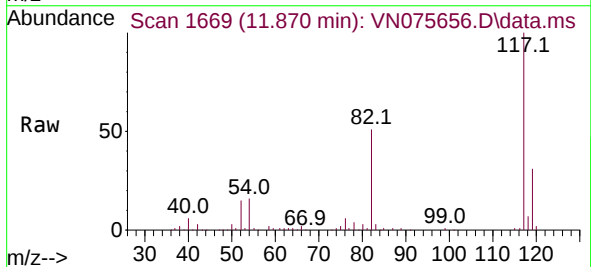
Instrument :
MSVOA_N
ClientSampleId :
LEA-7IDL2

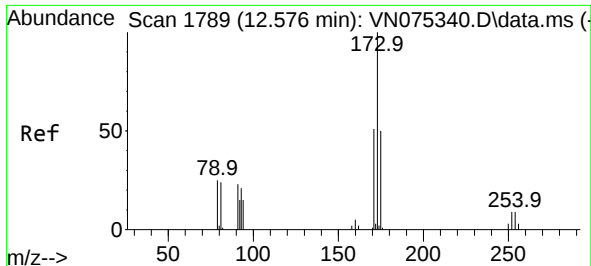
Tgt Ion: 95 Resp: 82156
Ion Ratio Lower Upper
95 100
174 87.5 0.0 147.4
176 87.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

Tgt Ion: 117 Resp: 239164
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 30.9 25.5 38.3

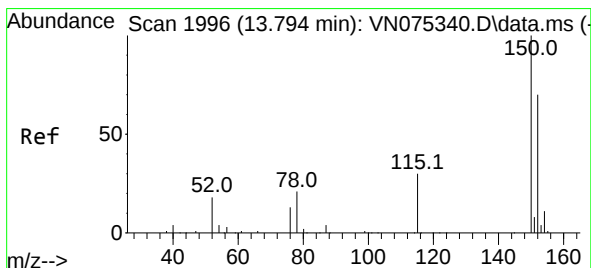
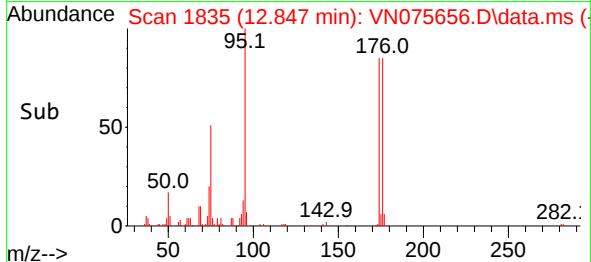
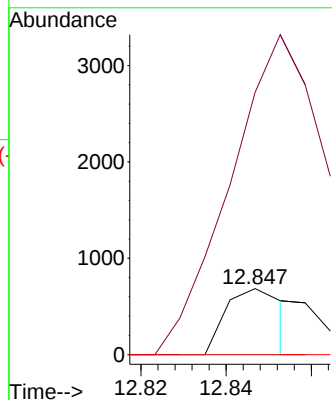
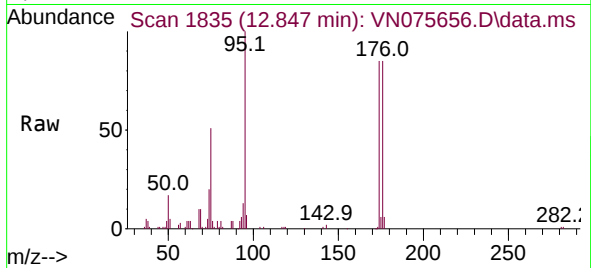




#71
Bromoform
Concen: 0.456 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

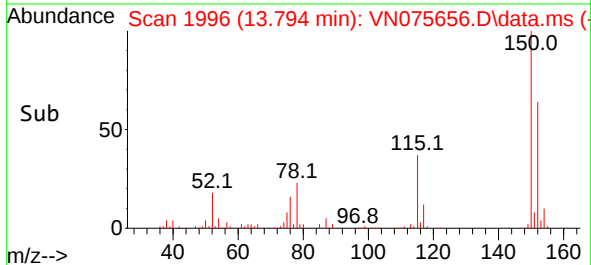
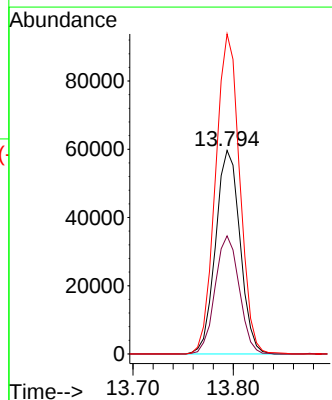
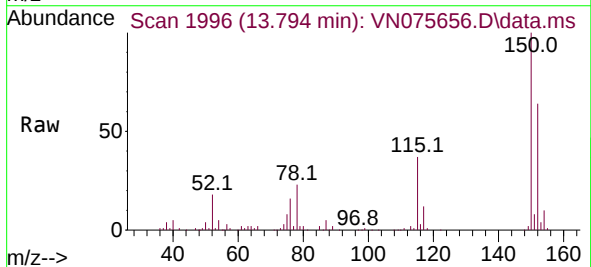
Instrument :
MSVOA_N
ClientSampleId :
LEA-7IDL2

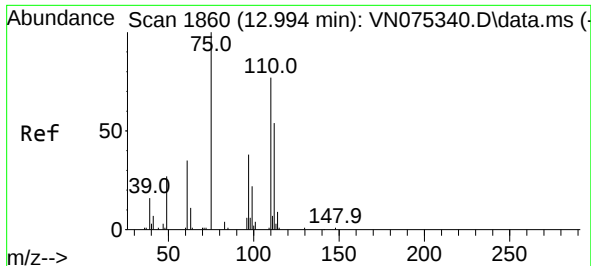
Tgt Ion:173 Resp: 640
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

Tgt Ion:152 Resp: 101045
Ion Ratio Lower Upper
152 100
115 57.1 30.2 90.6
150 155.8 0.0 348.4

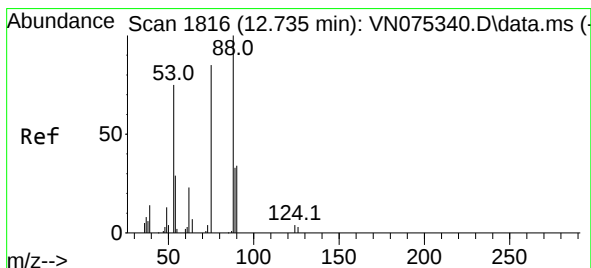
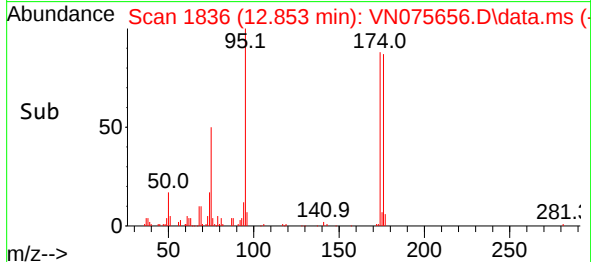
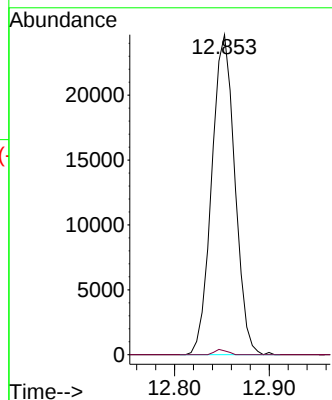
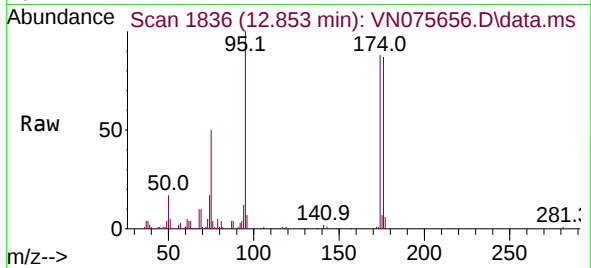




#76
1,2,3-Trichloropropane
Concen: 21.907 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

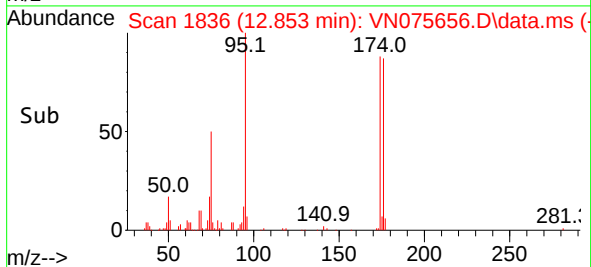
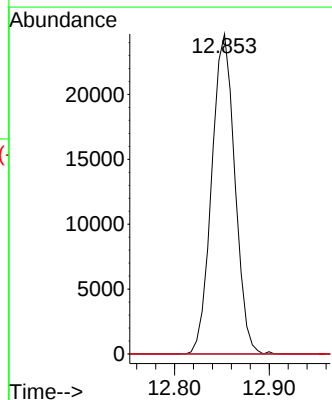
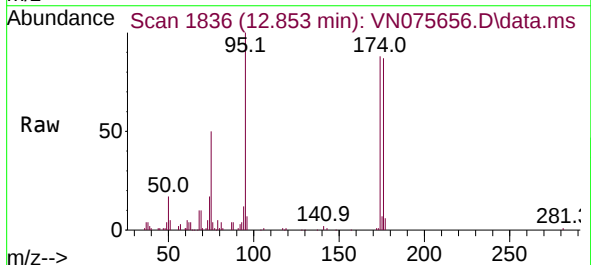
Instrument :
MSVOA_N
ClientSampleId :
LEA-7IDL2

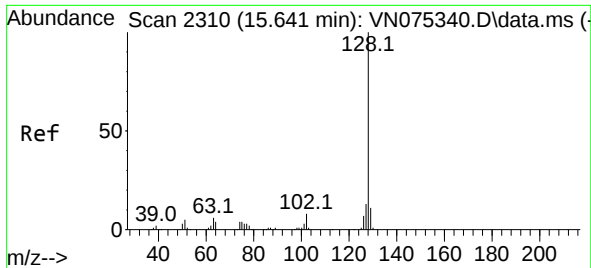
Tgt Ion: 75 Resp: 41854
Ion Ratio Lower Upper
75 100
77 0.9 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.819 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

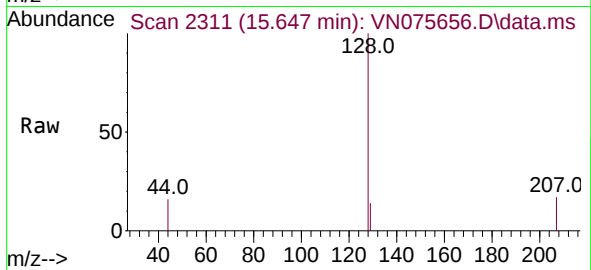
Tgt Ion: 75 Resp: 41854
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95
Naphthalene
Concen: 0.351 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075656.D
Acq: 08 Dec 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
LEA-7IDL2



Tgt Ion:	128	Resp:	1904
Ion	Ratio	Lower	Upper
128	100		
127	4.4	10.4	15.6#
129	2.9	8.6	12.8#

