

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075531.D
 Acq On : 02 Dec 2022 14:53
 Operator : JC\MD
 Sample : N5793-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-40-SB01

Quant Time: Dec 03 00:32:55 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)

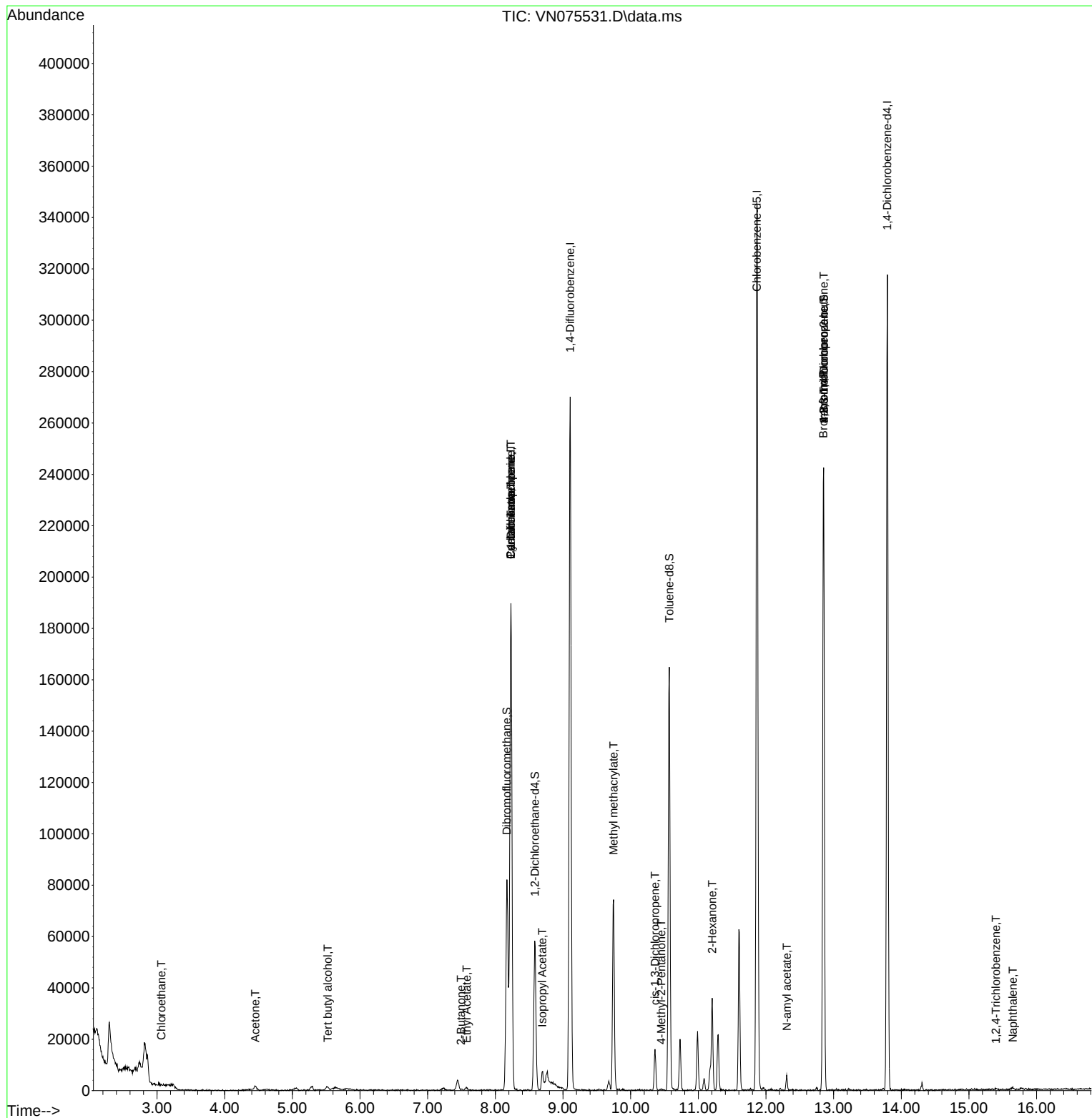
Internal Standards						
1) Pentafluorobenzene	8.229	168	147368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	248555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	46608	58.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.840%
35) Dibromofluoromethane	8.171	113	56701	58.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.140%
50) Toluene-d8	10.571	98	121815	55.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.780%
62) 4-Bromofluorobenzene	12.853	95	83718	51.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.160%
Target Compounds						
					Qvalue	
6) Chloroethane	3.065	64	611	0.456	ug/l #	45
11) Tert butyl alcohol	5.524	59	925	2.786	ug/l #	72
16) Acetone	4.453	43	2955	4.005	ug/l	94
18) Methyl Acetate	5.041	43	937	Below Cal	#	87
20) Methylene Chloride	5.289	84	1511	Below Cal	#	69
25) 2-Butanone	7.494	43	587	0.570	ug/l #	43
31) Cyclohexane	8.229	56	2674	1.064	ug/l #	15
36) 1,1-Dichloropropene	8.229	75	10687	5.019	ug/l #	51
37) Ethyl Acetate	7.577	43	1834	0.957	ug/l #	80
38) Carbon Tetrachloride	8.229	117	14300	6.113	ug/l #	17
43) Isopropyl Acetate	8.694	43	9394	3.052	ug/l #	85
48) Methyl methacrylate	9.747	41	6960	4.891	ug/l #	35
51) 4-Methyl-2-Pentanone	10.453	43	505	0.258	ug/l #	81
54) cis-1,3-Dichloropropene	10.359	75	3081	1.242	ug/l #	67
59) 2-Hexanone	11.206	43	4752	3.229	ug/l #	48
71) Bromoform	12.847	173	526	0.407	ug/l #	28
74) N-amyl acetate	12.306	43	1616	0.793	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	42163	24.581	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	42163	72.728	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.400	180	341	0.220	ug/l #	41
95) Naphthalene	15.647	128	1808	0.371	ug/l #	74

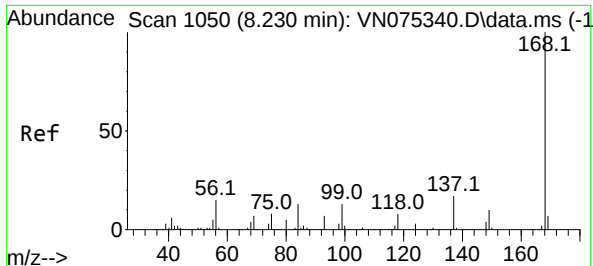
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

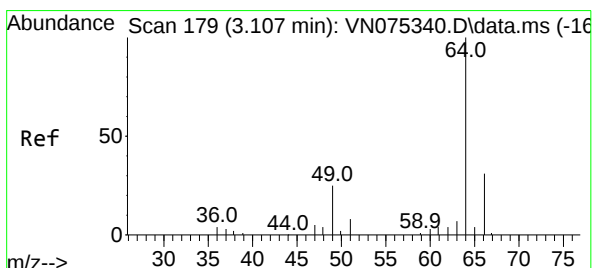
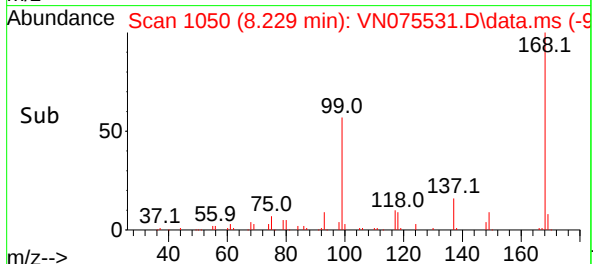
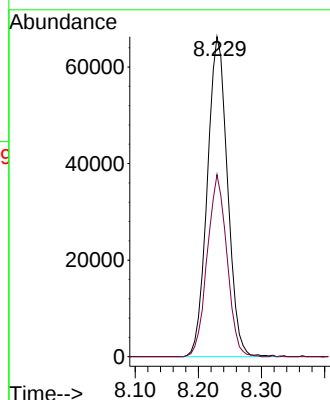
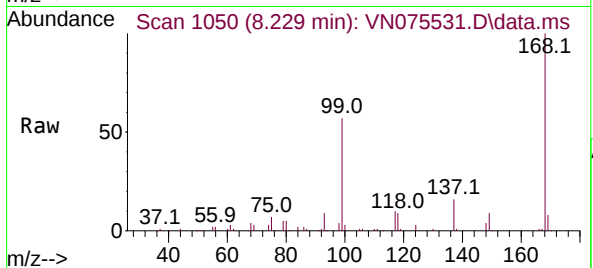




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

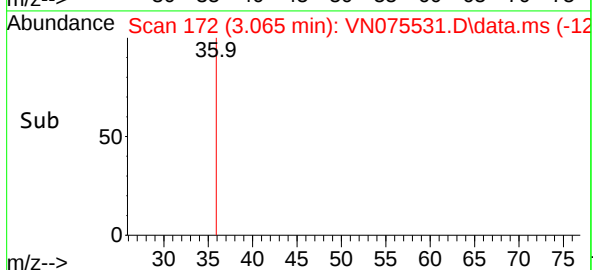
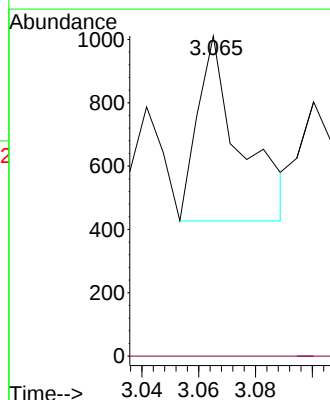
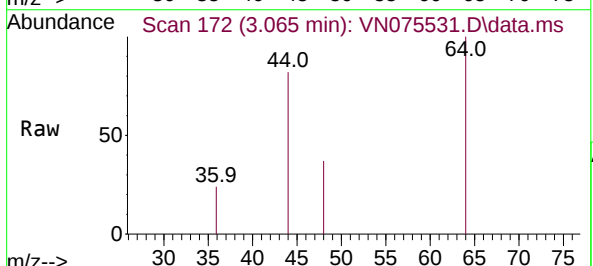
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

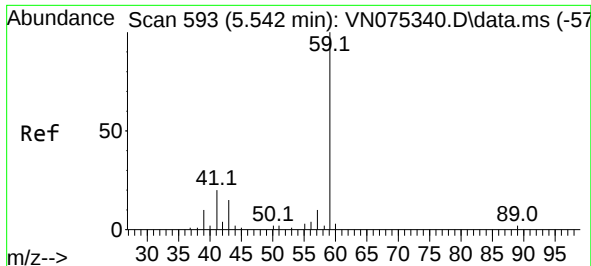
Tgt Ion:168 Resp: 147368
Ion Ratio Lower Upper
168 100
99 56.9 51.6 77.4



#6
Chloroethane
Concen: 0.456 ug/l
RT: 3.065 min Scan# 172
Delta R.T. -0.042 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 64 Resp: 611
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

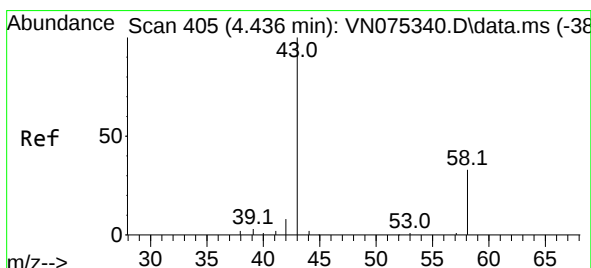
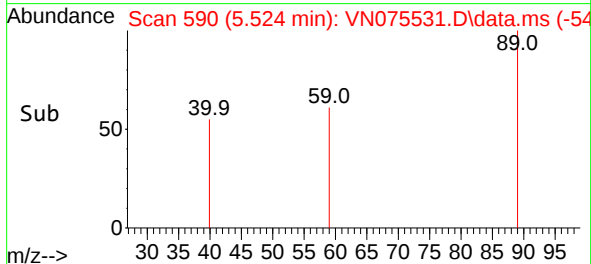
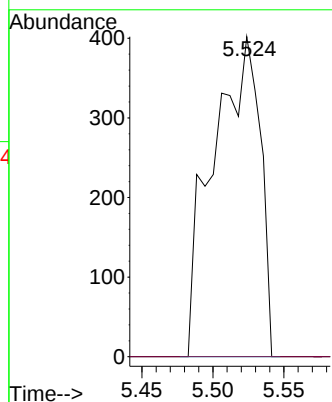
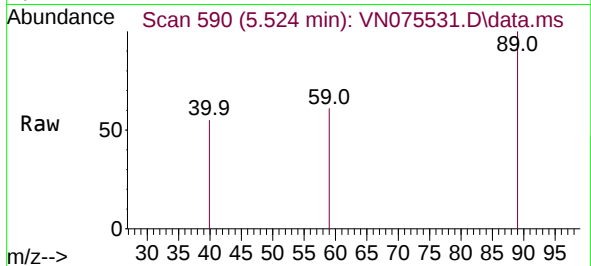




#11
Tert butyl alcohol
Concen: 2.786 ug/l
RT: 5.524 min Scan# 591
Delta R.T. -0.018 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

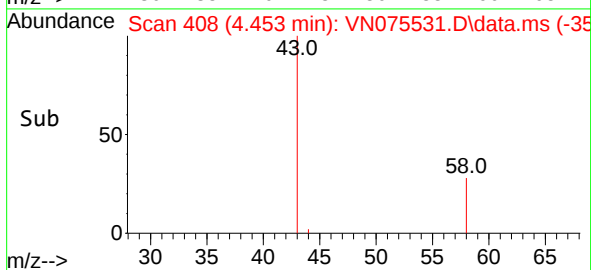
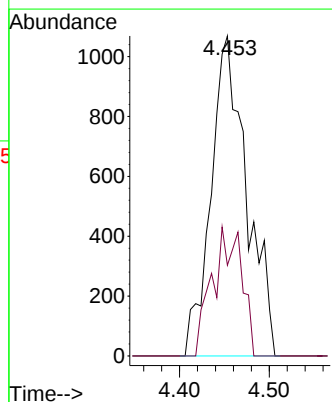
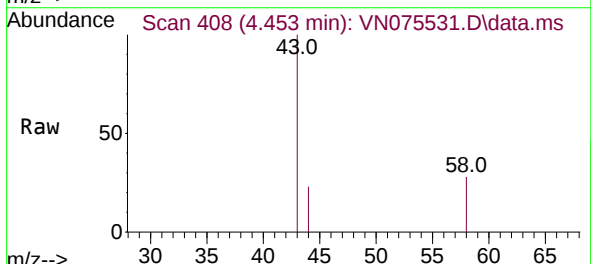
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

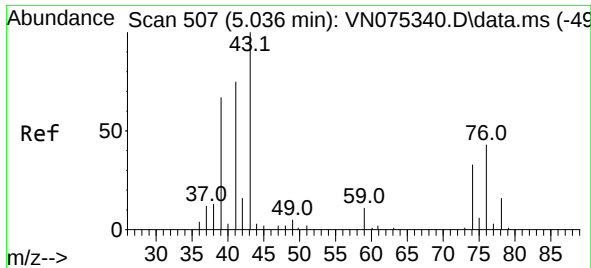
Tgt Ion: 59 Resp: 925
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 4.005 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 43 Resp: 2955
Ion Ratio Lower Upper
43 100
58 28.3 25.5 38.3

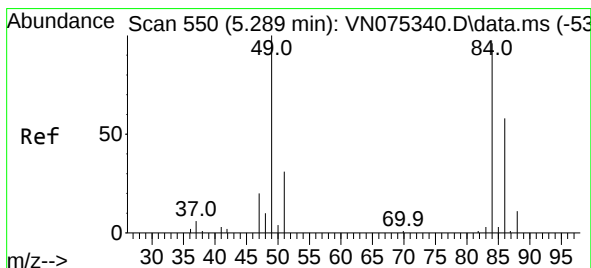
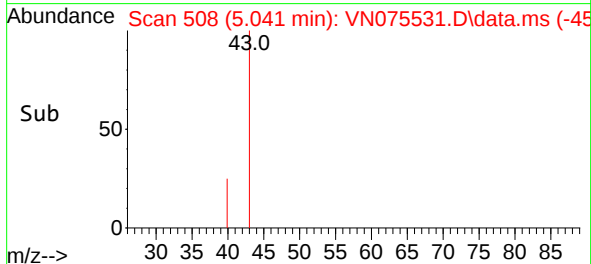
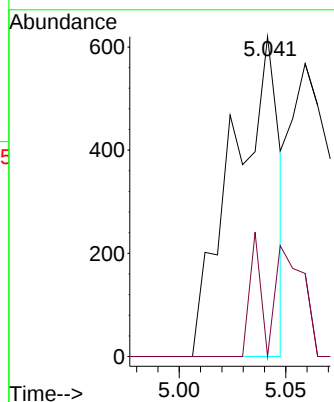
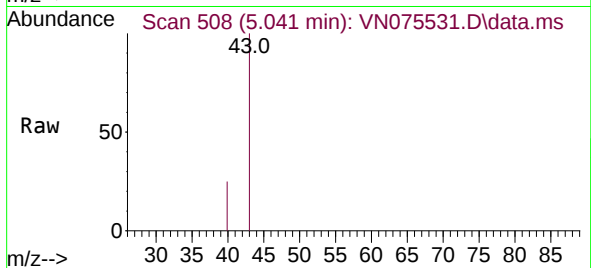




#18
Methyl Acetate
Concen: Below Cal
RT: 5.041 min Scan# 507
Delta R.T. 0.005 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

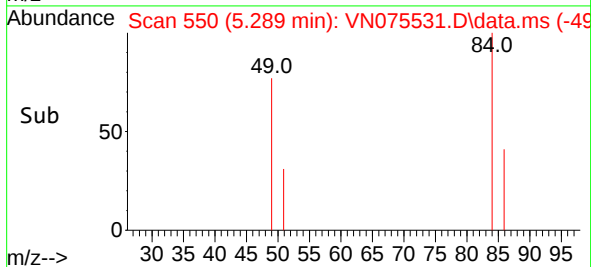
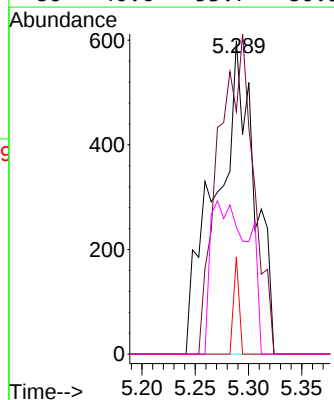
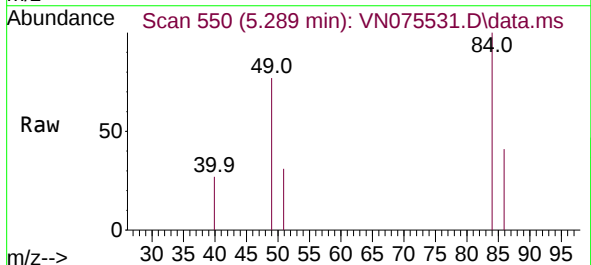
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

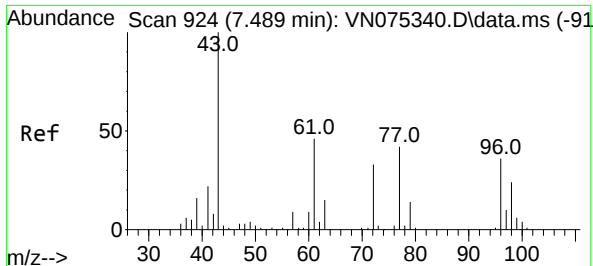
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
74 20.6 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 84 Resp: 1511
Ion Ratio Lower Upper
84 100
49 77.5 94.9 142.3#
51 31.1 26.8 40.2
86 40.6 53.7 80.5#





#25

2-Butanone

Concen: 0.570 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075531.D

Acq: 02 Dec 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

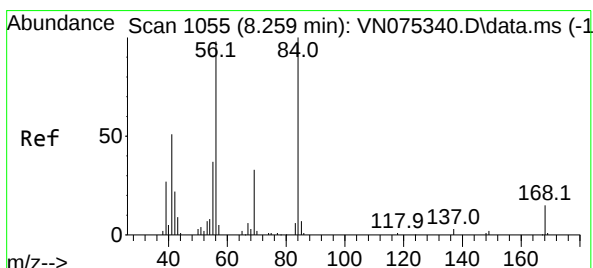
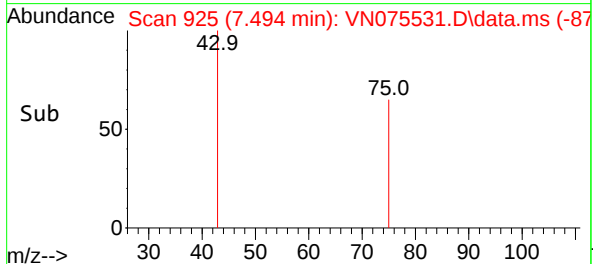
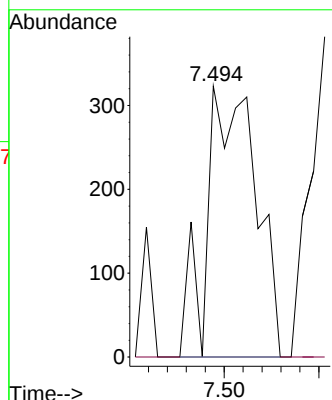
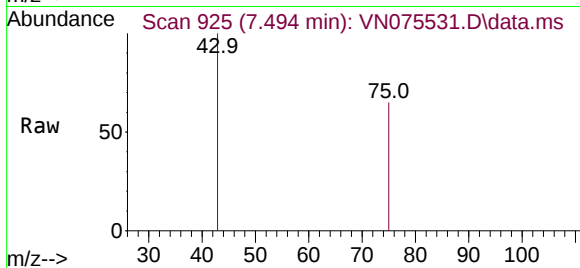
B-40-SB01

Tgt Ion: 43 Resp: 587

Ion Ratio Lower Upper

43 100

72 0.0 25.5 38.3#



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.030 min

Lab File: VN075531.D

Acq: 02 Dec 2022 14:53

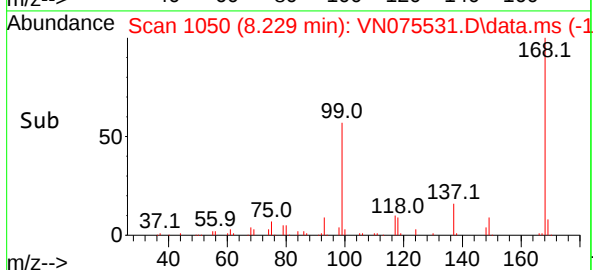
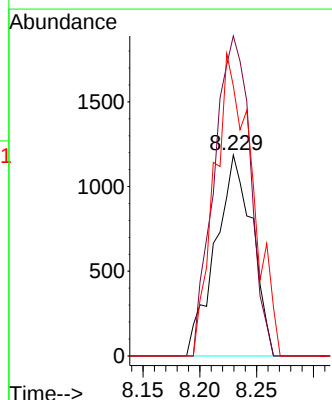
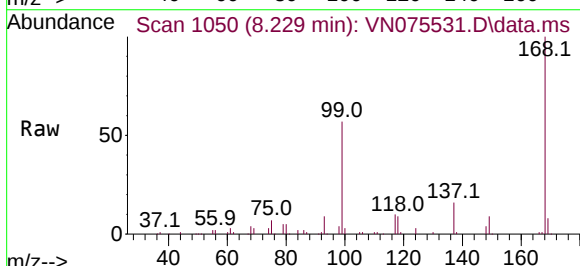
Tgt Ion: 56 Resp: 2674

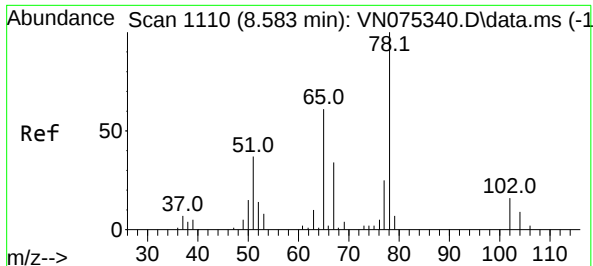
Ion Ratio Lower Upper

56 100

69 159.3 25.2 37.8#

84 134.4 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 58.919 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075531.D

Acq: 02 Dec 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

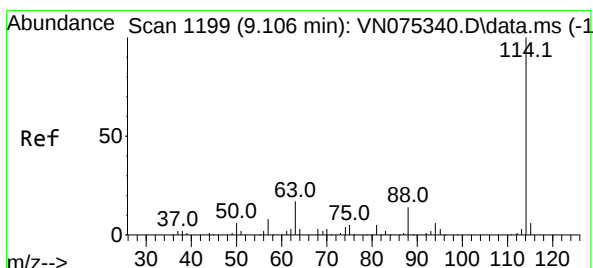
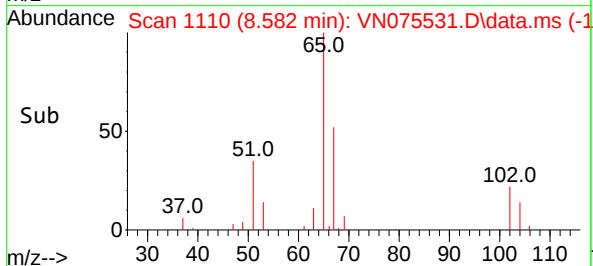
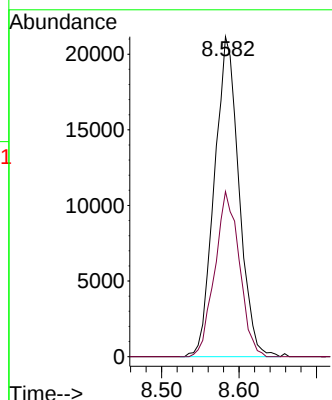
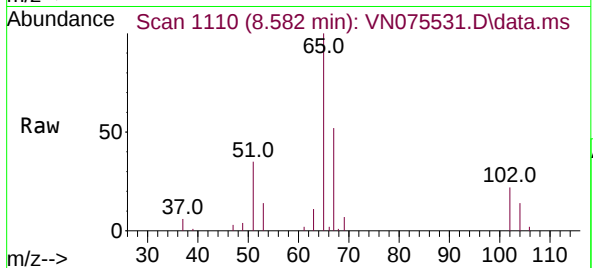
B-40-SB01

Tgt Ion: 65 Resp: 46608

Ion Ratio Lower Upper

65 100

67 51.6 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: VN075531.D

Acq: 02 Dec 2022 14:53

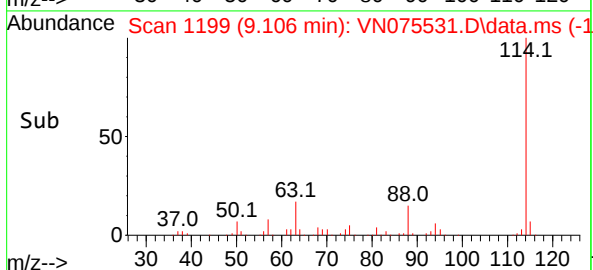
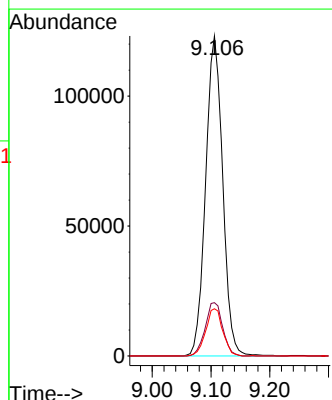
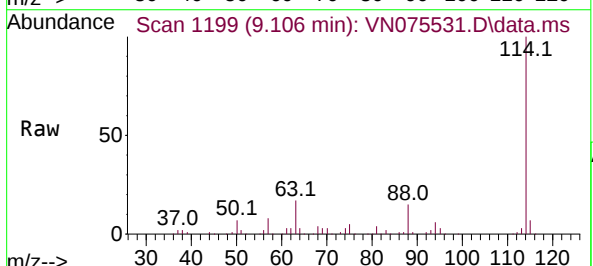
Tgt Ion: 114 Resp: 248555

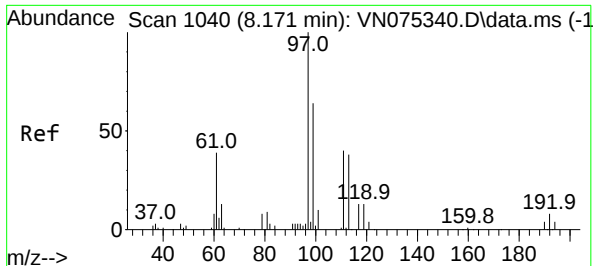
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 14.7 0.0 29.0

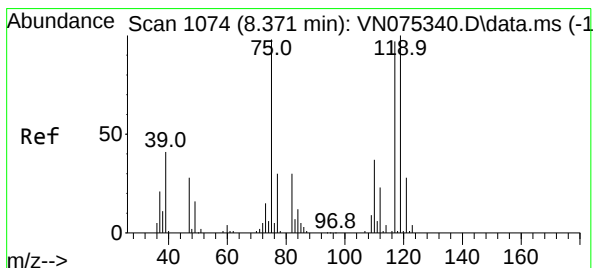
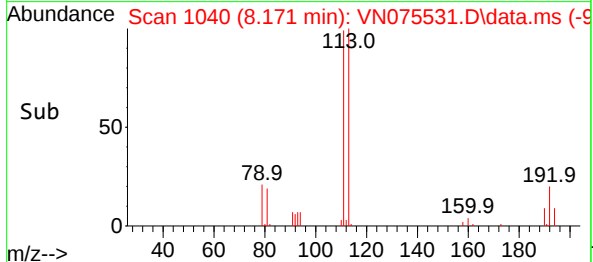
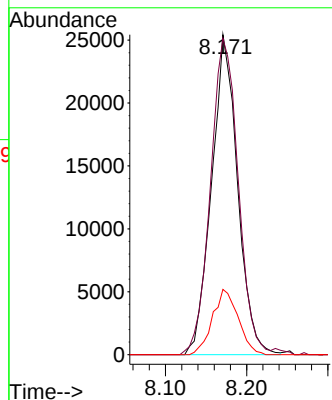
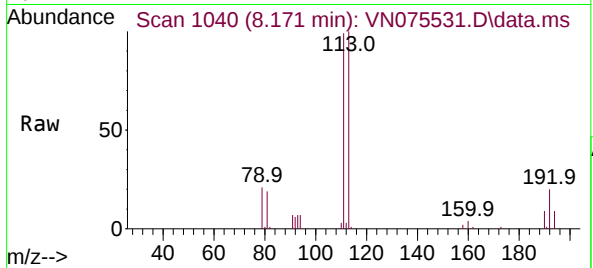




#35
Dibromofluoromethane
Concen: 58.071 ug/l
RT: 8.171 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

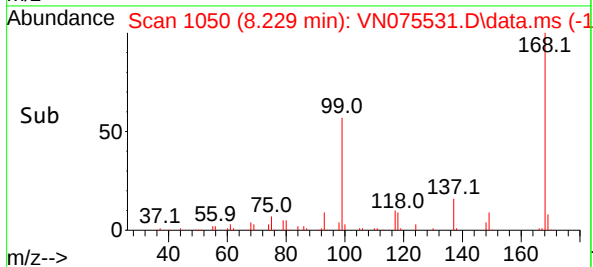
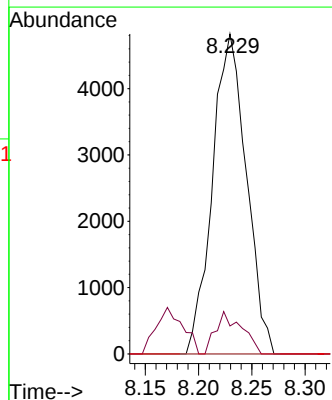
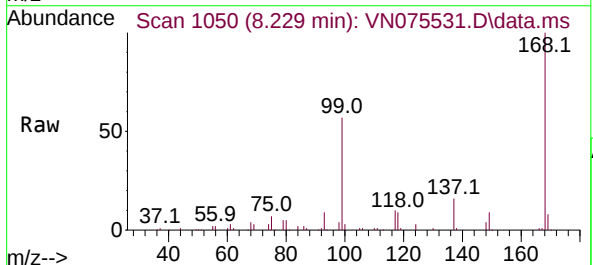
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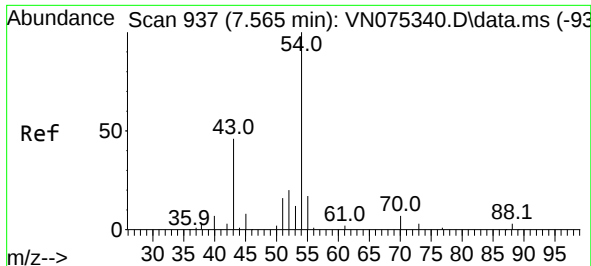
Tgt Ion:113 Resp: 56701
Ion Ratio Lower Upper
113 100
111 105.3 80.5 120.7
192 20.1 13.2 19.8#



#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 75 Resp: 10687
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.3#
77 0.0 24.6 37.0#

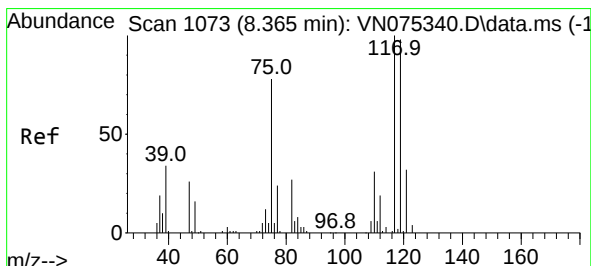
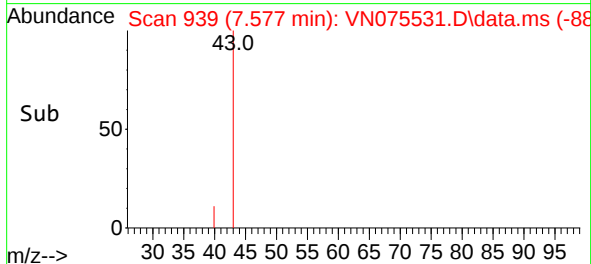
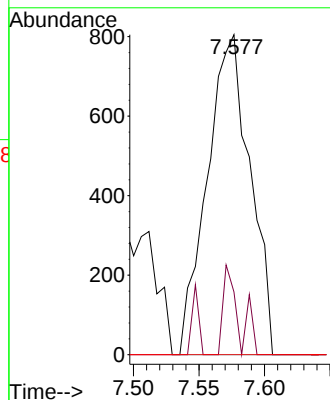
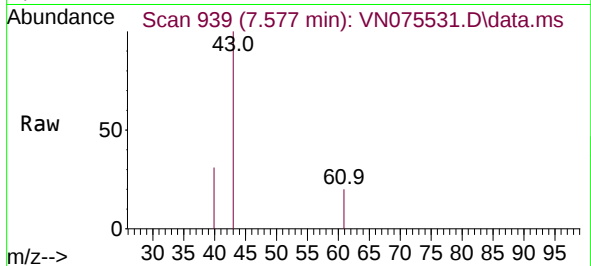




#37
Ethyl Acetate
Concen: 0.957 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

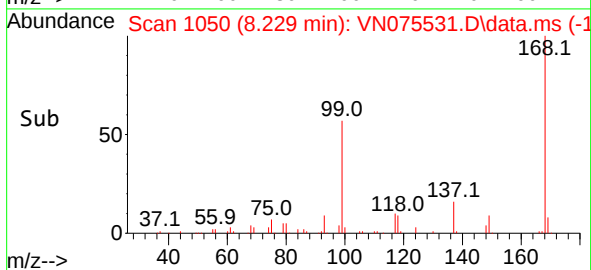
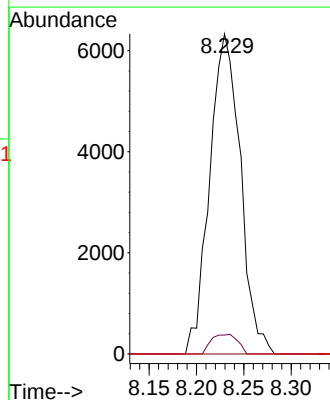
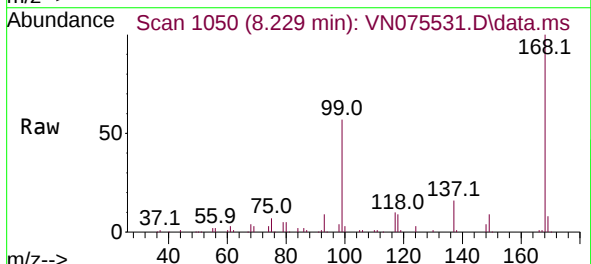
Instrument :
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B-40-SB01

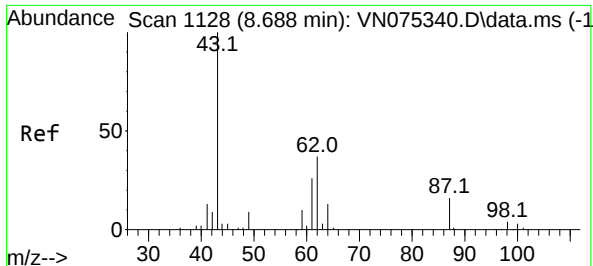
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
61 10.3 12.2 18.4#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 117 Resp: 14300
Ion Ratio Lower Upper
117 100
119 5.9 76.7 115.1#
121 0.0 23.9 35.9#

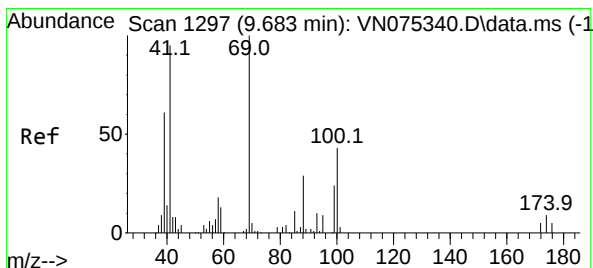
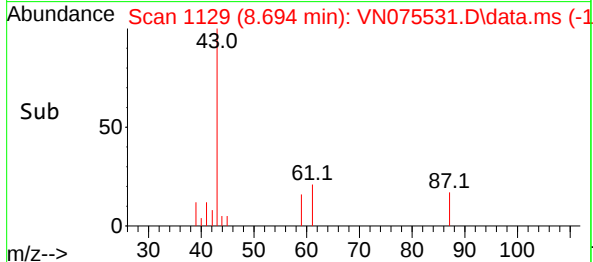
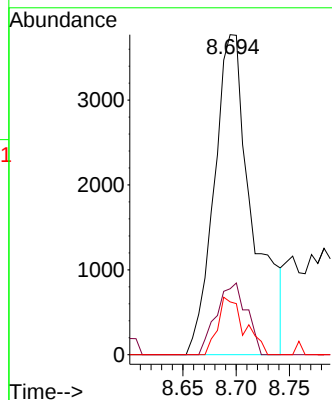
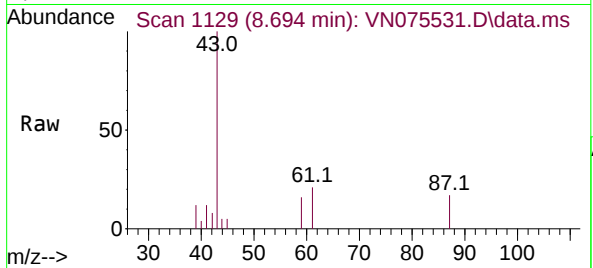




#43
Isopropyl Acetate
Concen: 3.052 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

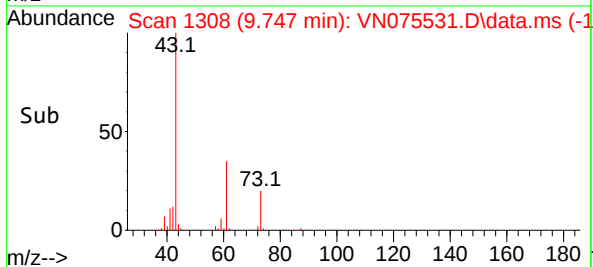
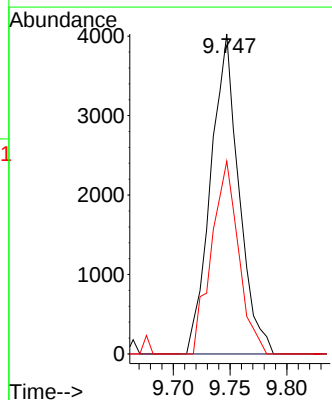
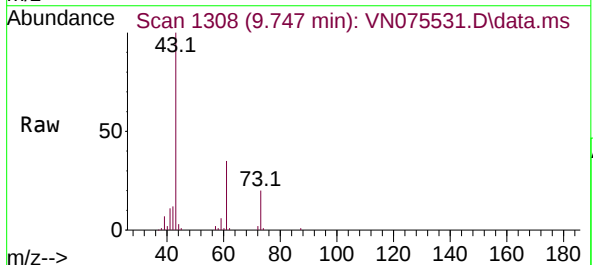
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

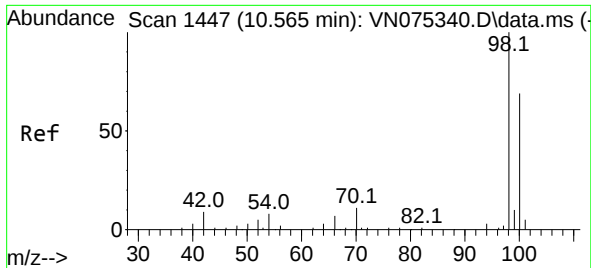
Tgt Ion: 43 Resp: 9394
Ion Ratio Lower Upper
43 100
61 17.7 22.4 33.6#
87 12.5 12.5 18.7



#48
Methyl methacrylate
Concen: 4.891 ug/l
RT: 9.747 min Scan# 1308
Delta R.T. 0.064 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 41 Resp: 6960
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 57.8 56.2 84.2

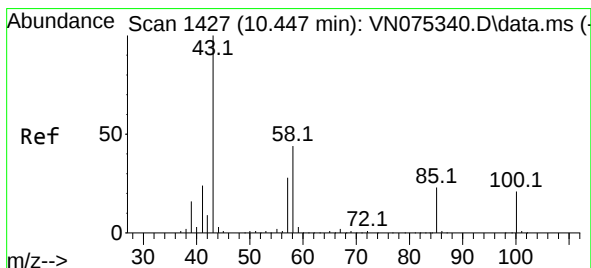
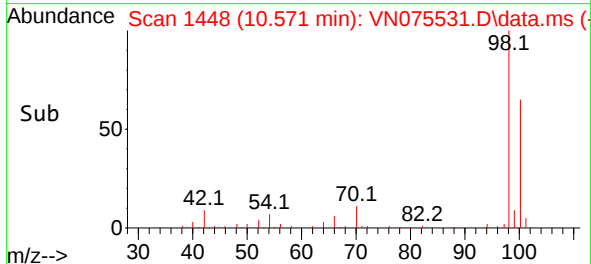
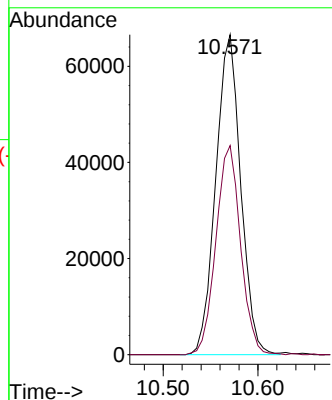
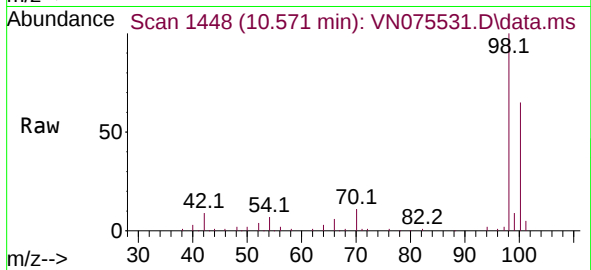




#50
Toluene-d8
Concen: 55.392 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

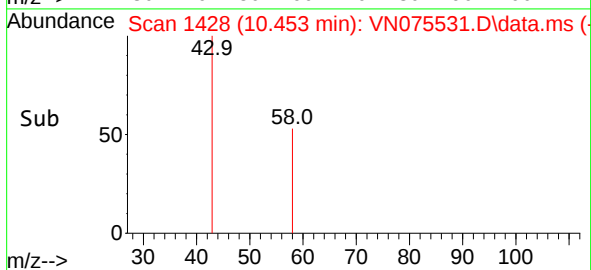
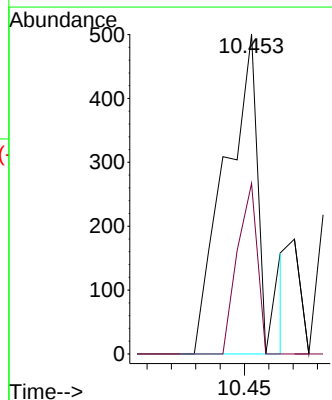
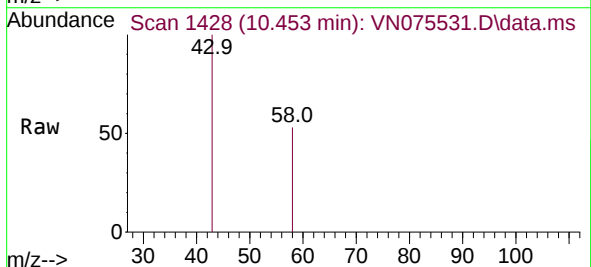
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

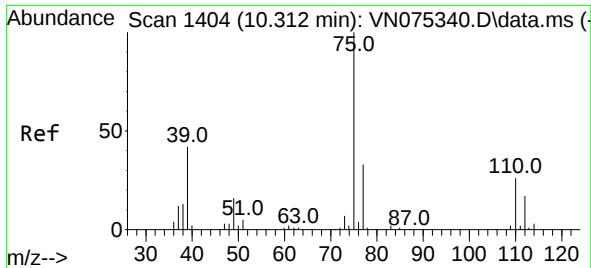
Tgt Ion: 98 Resp: 121815
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.258 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
58 29.9 33.6 50.4#

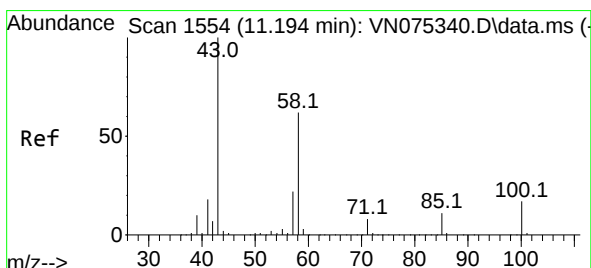
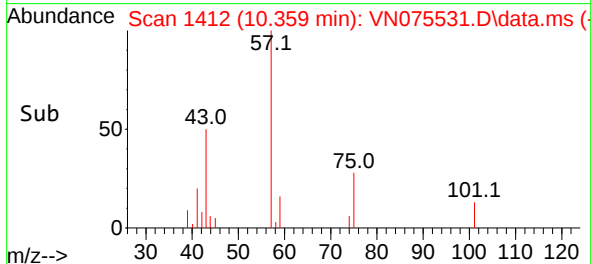
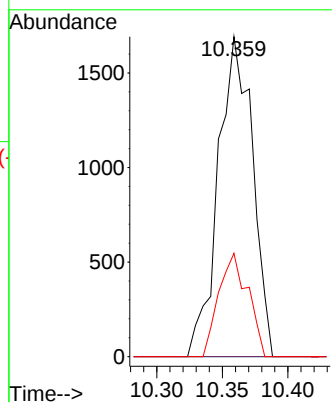
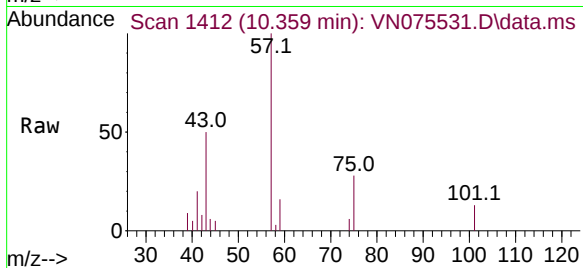




#54
 cis-1,3-Dichloropropene
 Concen: 1.242 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.047 min
 Lab File: VN075531.D
 Acq: 02 Dec 2022 14:53

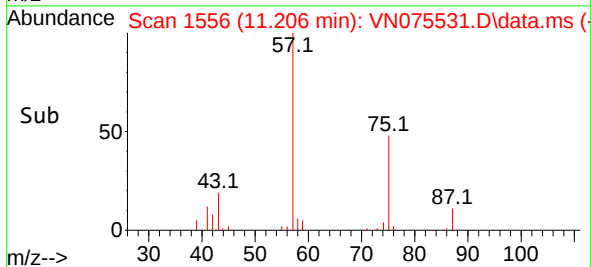
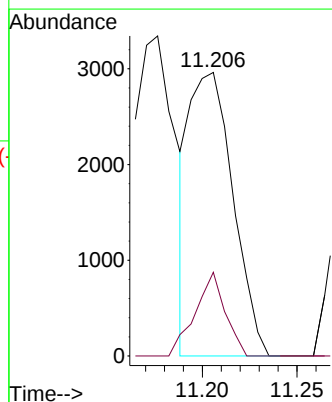
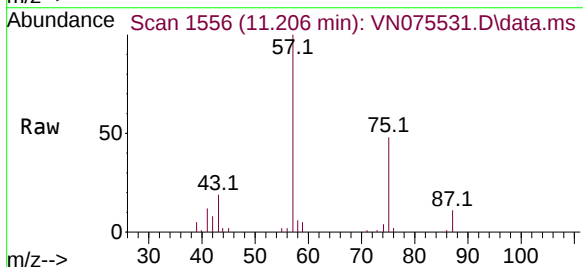
Instrument :
 MSVOA_N
 ClientSampleId :
 B-40-SB01

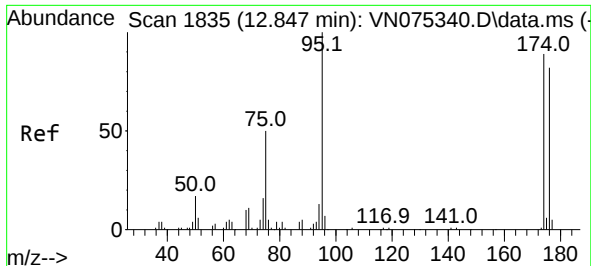
Tgt Ion: 75 Resp: 3081
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 32.3 35.8 53.6#



#59
 2-Hexanone
 Concen: 3.229 ug/l
 RT: 11.206 min Scan# 1556
 Delta R.T. 0.012 min
 Lab File: VN075531.D
 Acq: 02 Dec 2022 14:53

Tgt Ion: 43 Resp: 4752
 Ion Ratio Lower Upper
 43 100
 58 20.3 29.6 88.8#

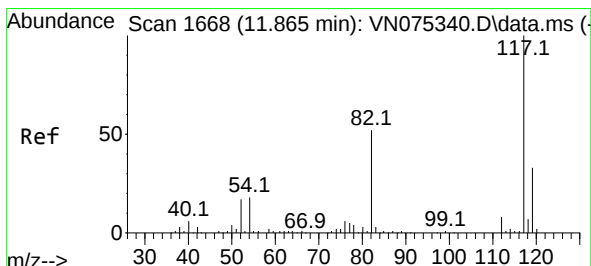
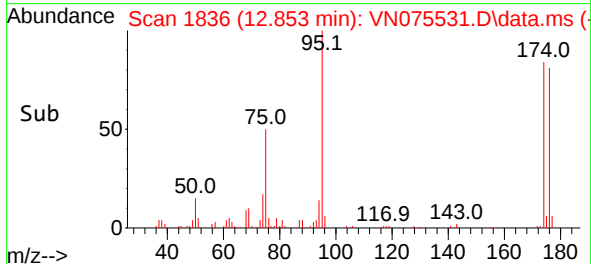
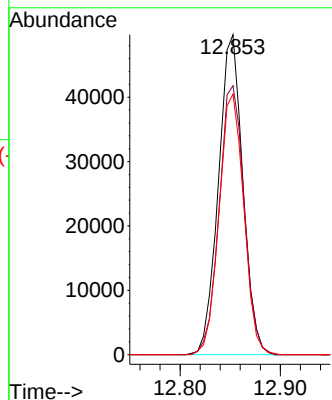
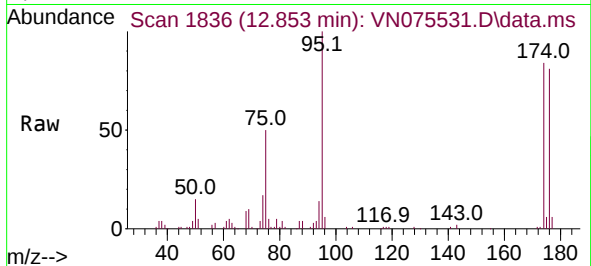




#62
4-Bromofluorobenzene
Concen: 51.576 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

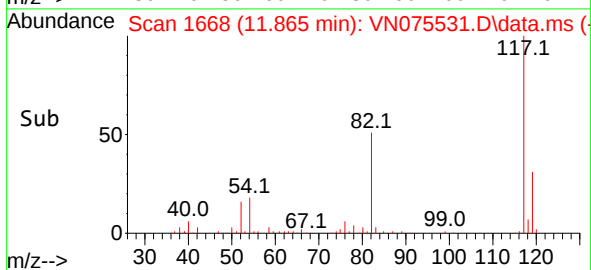
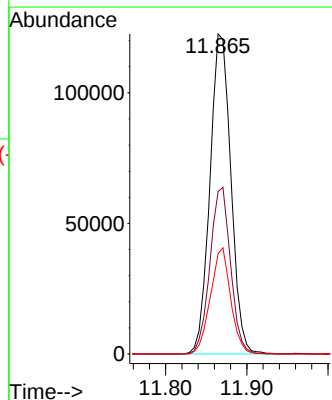
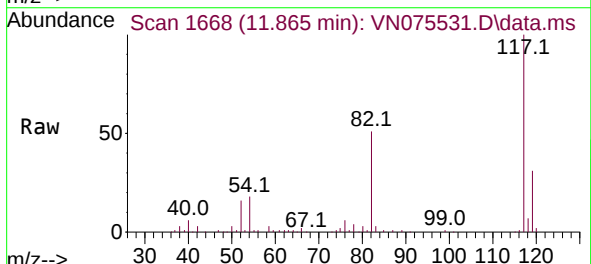
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

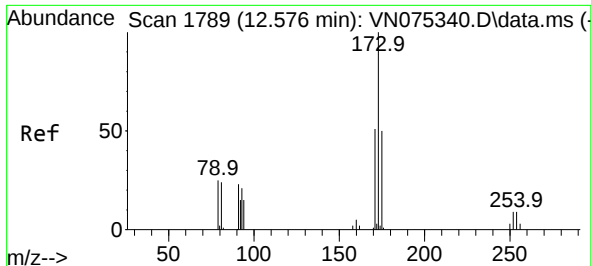
Tgt Ion: 95 Resp: 83718
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 82.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 117 Resp: 220174
Ion Ratio Lower Upper
117 100
82 50.8 43.1 64.7
119 31.3 25.5 38.3

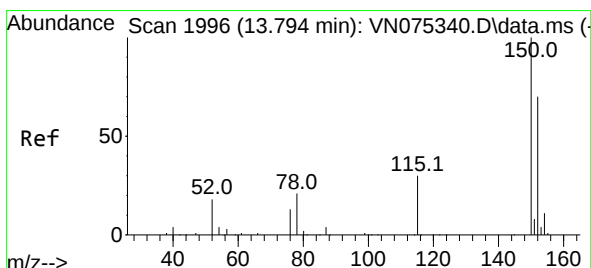
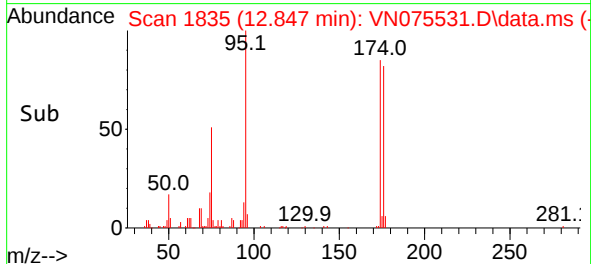
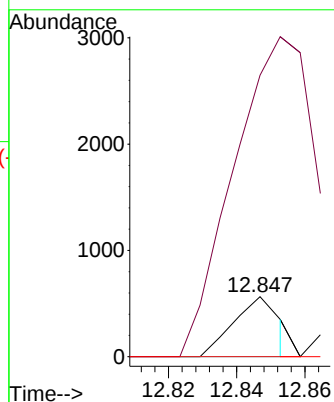
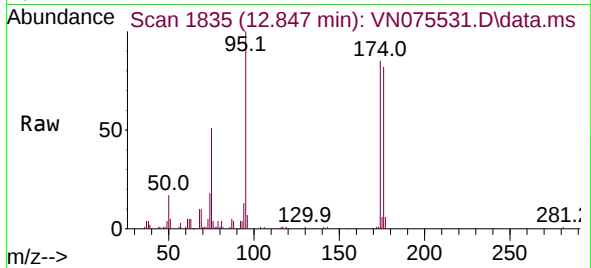




#71
Bromoform
Concen: 0.407 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

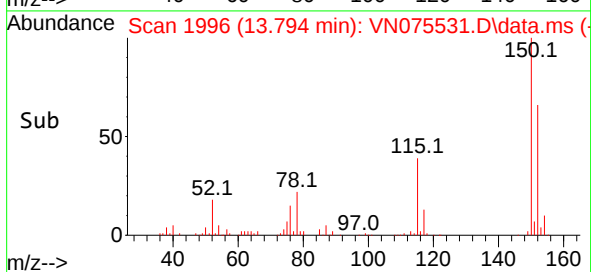
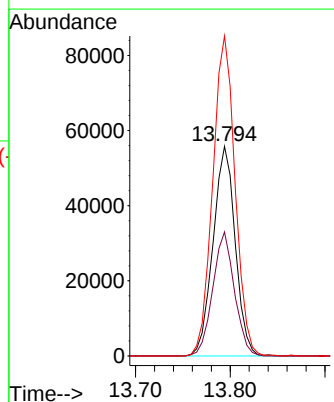
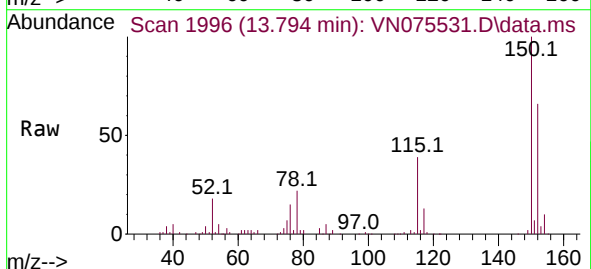
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

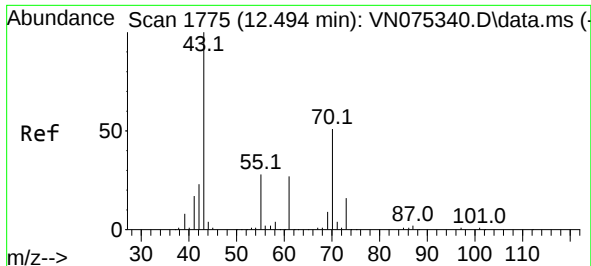
Tgt Ion:173 Resp: 526
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion:152 Resp: 90721
Ion Ratio Lower Upper
152 100
115 57.7 30.2 90.6
150 153.6 0.0 348.4

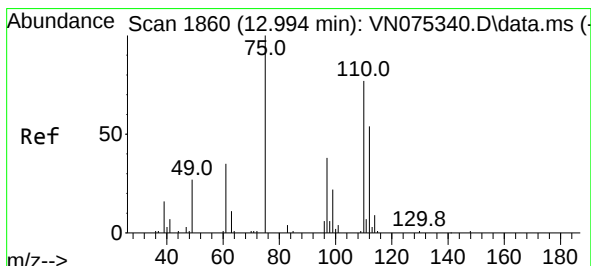
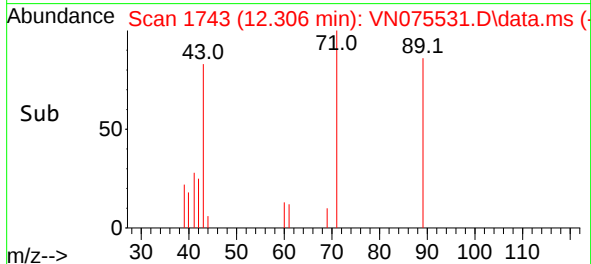
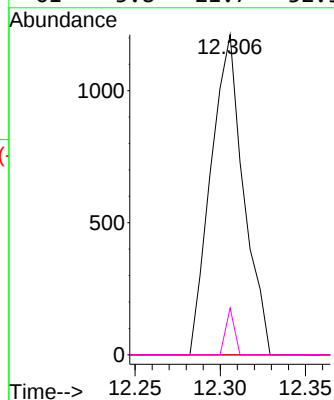
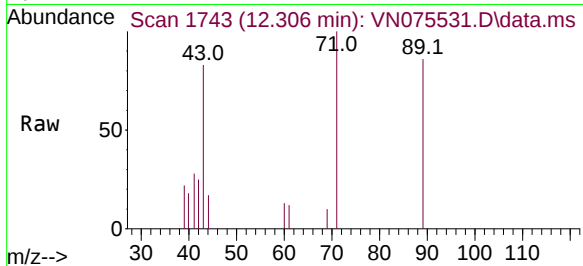




#74
N-amy1 acetate
Concen: 0.793 ug/l
RT: 12.306 min Scan# 11
Delta R.T. -0.188 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

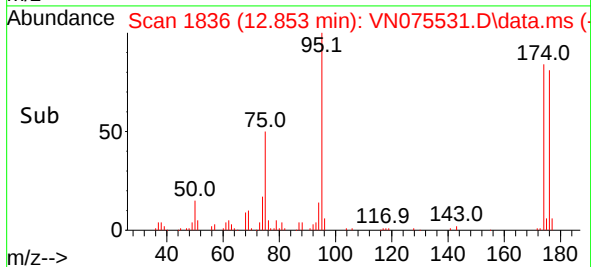
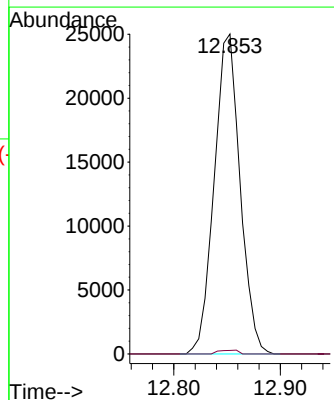
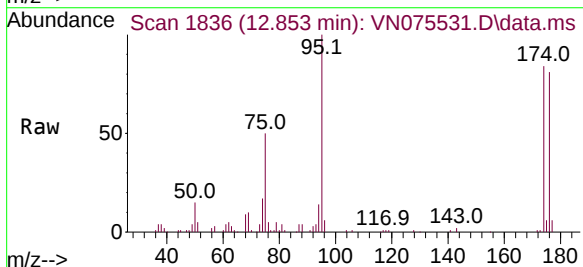
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

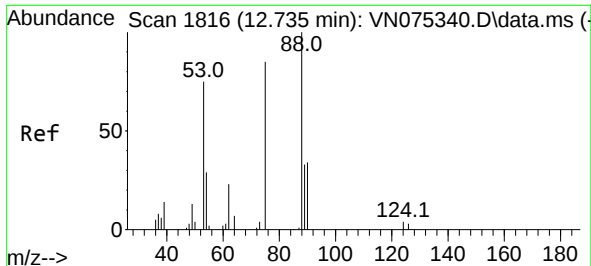
Tgt Ion: 43	Resp:	1616
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.8 59.8#
55	0.0	19.9 29.9#
61	3.8	21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 24.581 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion: 75	Resp:	42163
Ion	Ratio	Lower Upper
75	100	
77	0.9	75.6 226.8#

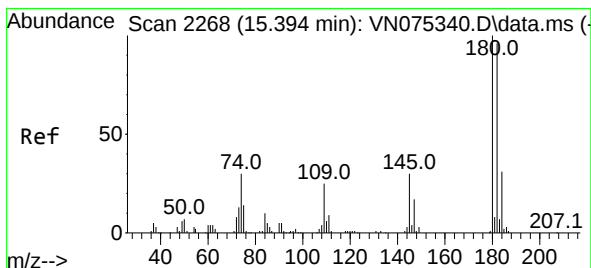
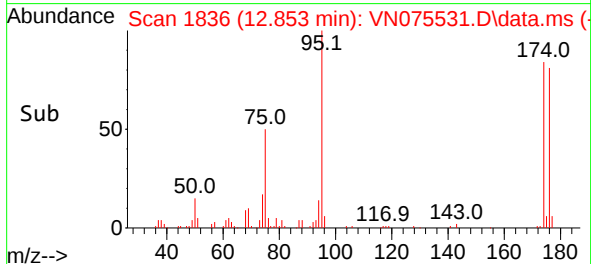
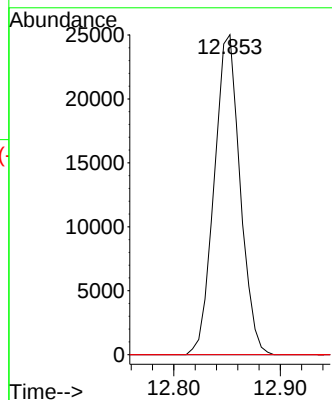
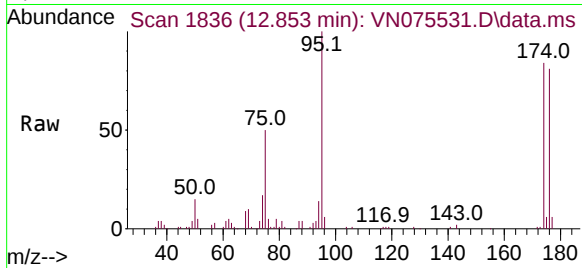




#81
trans-1,4-Dichloro-2-butene
Concen: 72.728 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

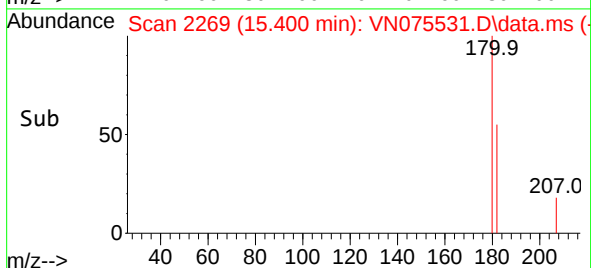
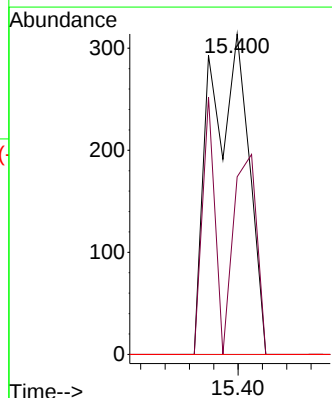
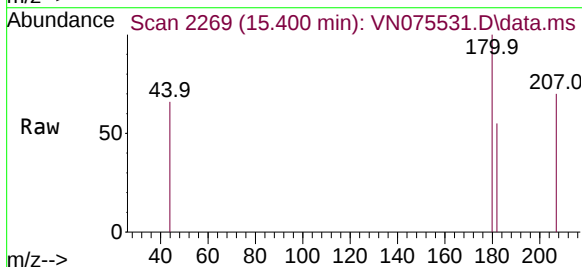
Instrument :
MSVOA_N
ClientSampleId :
B-40-SB01

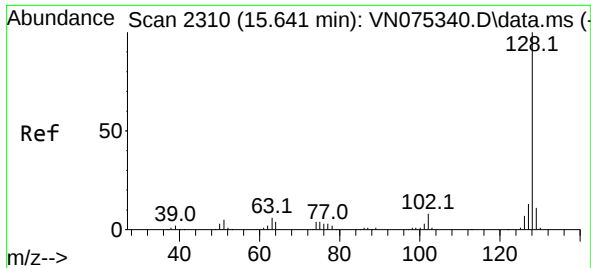
Tgt Ion: 75 Resp: 42163
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN075531.D
Acq: 02 Dec 2022 14:53

Tgt Ion:180 Resp: 341
Ion Ratio Lower Upper
180 100
182 38.4 47.8 143.4#
145 0.0 16.8 50.3#





#95

Naphthalene

Concen: 0.371 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075531.D

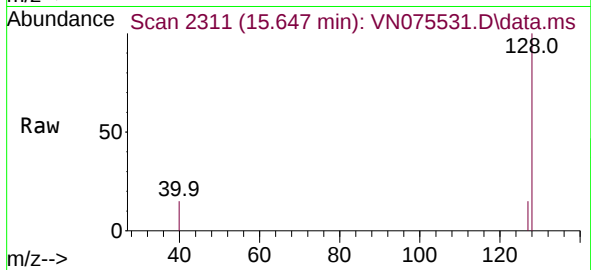
Acq: 02 Dec 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:128 Resp: 1808

Ion Ratio Lower Upper

128 100

127 3.4 10.4 15.6#

129 0.0 8.6 12.8#

