

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075474.D
 Acq On : 29 Nov 2022 14:27
 Operator : JC\MD
 Sample : PB149314TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314TB

Quant Time: Nov 30 02:27:40 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)

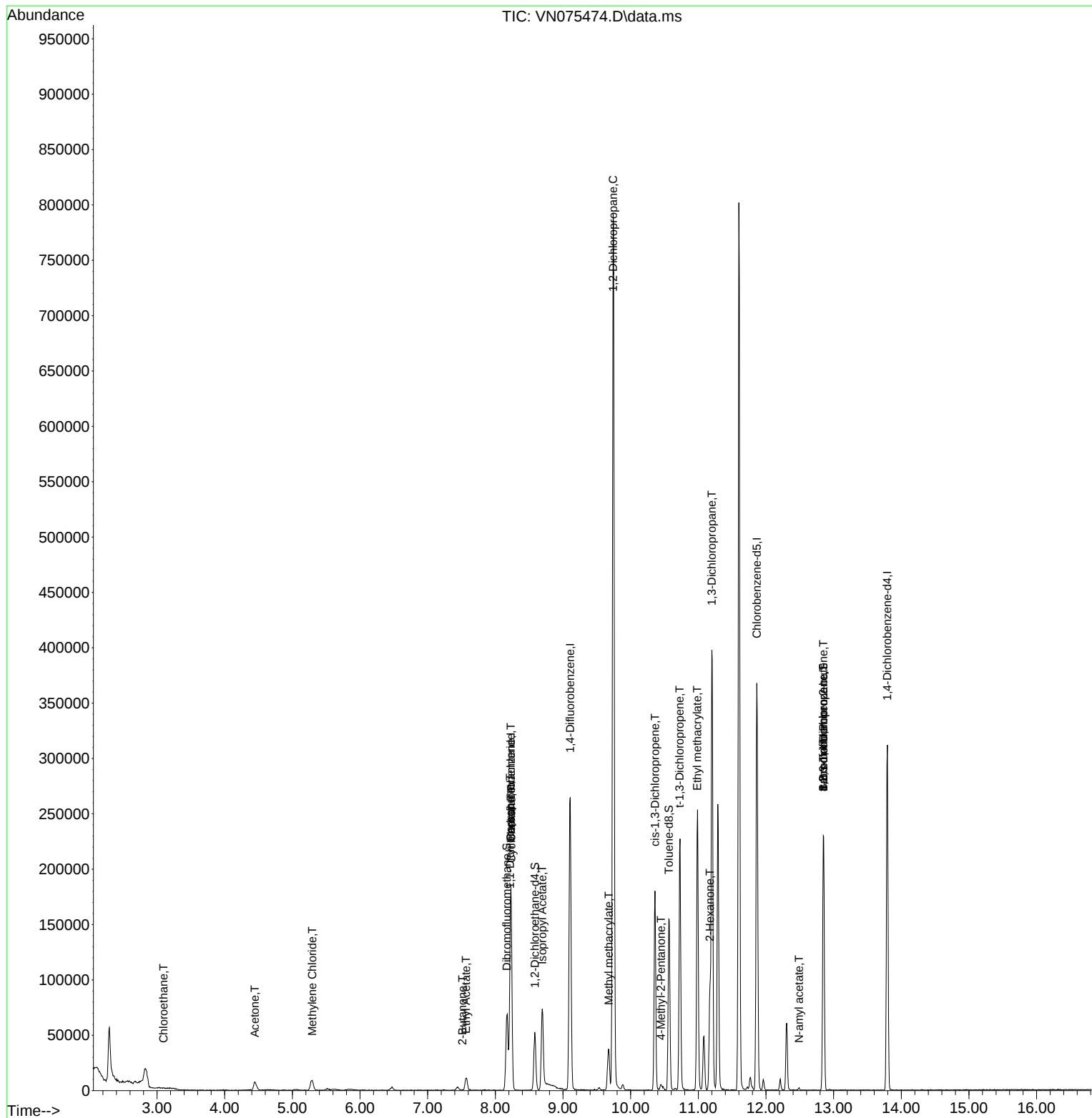
Internal Standards						
1) Pentafluorobenzene	8.230	168	139131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	40656	54.438	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.880%	
35) Dibromofluoromethane	8.171	113	50674	51.738	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.480%	
50) Toluene-d8	10.565	98	112973	51.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.847	95	81802	50.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.480%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.095	64	737	0.583	ug/l #	45
16) Acetone	4.448	43	15297	21.959	ug/l	92
18) Methyl Acetate	5.042	43	1793	Below Cal	#	47
20) Methylene Chloride	5.295	84	7718	4.295	ug/l #	87
25) 2-Butanone	7.512	43	1024	1.053	ug/l #	43
31) Cyclohexane	8.236	56	2449	1.032	ug/l #	33
36) 1,1-Dichloropropene	8.218	75	10740	5.028	ug/l #	50
37) Ethyl Acetate	7.565	43	17454	9.075	ug/l	100
38) Carbon Tetrachloride	8.230	117	14744	6.284	ug/l #	15
43) Isopropyl Acetate	8.694	43	84174	27.267	ug/l #	90
45) 1,2-Dichloropropane	9.741	63	891	0.572	ug/l #	42
48) Methyl methacrylate	9.677	41	2209	1.548	ug/l #	33
51) 4-Methyl-2-Pentanone	10.447	43	5774	2.937	ug/l #	75
53) t-1,3-Dichloropropene	10.724	75	614	0.268	ug/l #	75
54) cis-1,3-Dichloropropene	10.359	75	34619	13.909	ug/l #	62
56) Ethyl methacrylate	10.982	69	778	0.336	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4468	1.596	ug/l #	42
59) 2-Hexanone	11.171	43	69655	47.178	ug/l #	21
71) Bromoform	12.847	173	569	0.425	ug/l #	1
74) N-amyl acetate	12.488	43	728	0.364	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	40182	23.839	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40182	70.534	ug/l #	10

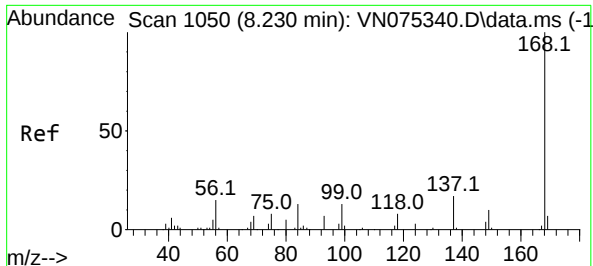
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
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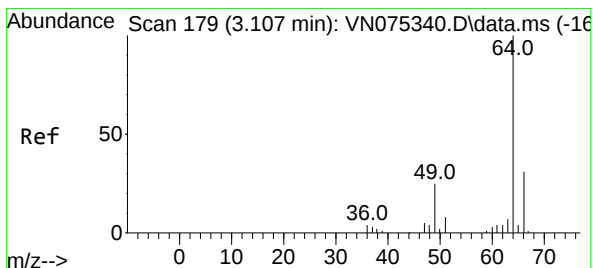
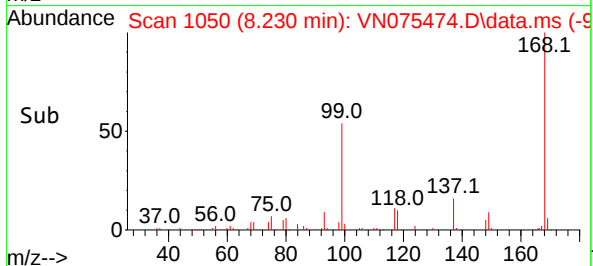
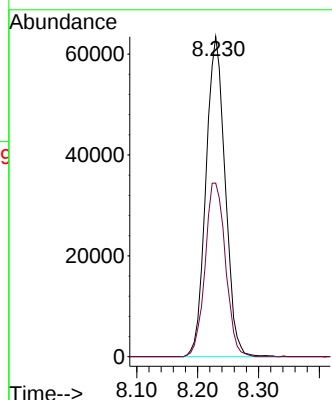
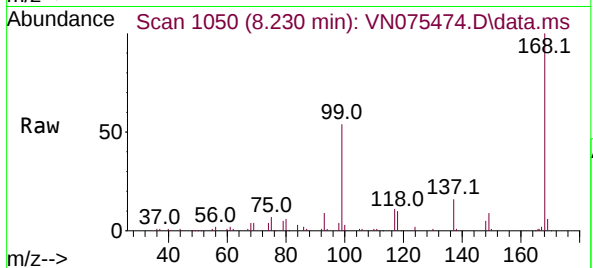




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

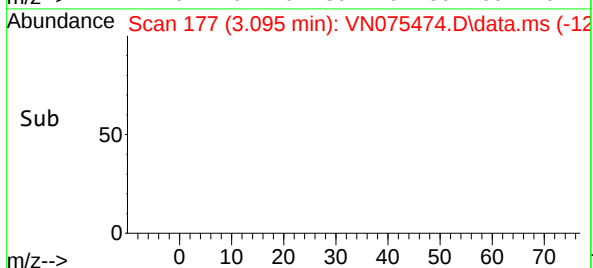
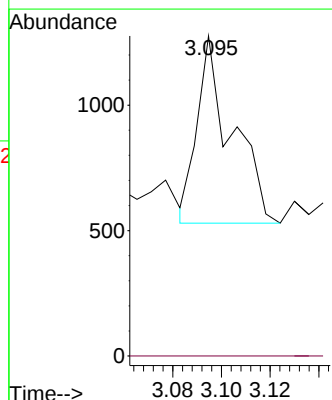
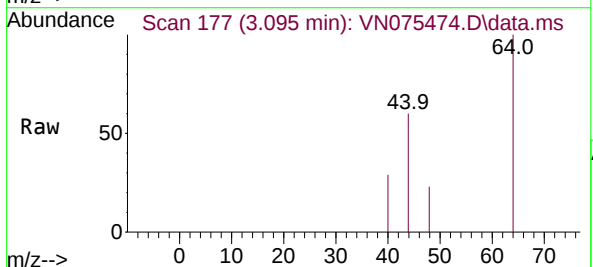
Instrument :
MSVOA_N
ClientSampleId :
PB149314TB

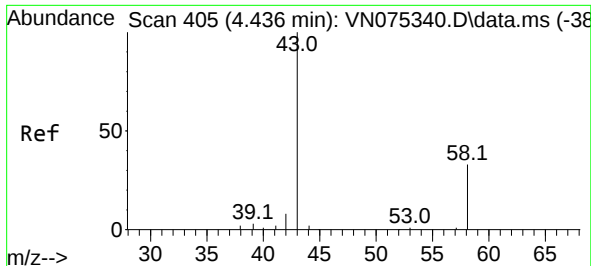
Tgt Ion:168 Resp: 139131
Ion Ratio Lower Upper
168 100
99 54.2 51.6 77.4



#6
Chloroethane
Concen: 0.583 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 64 Resp: 737
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

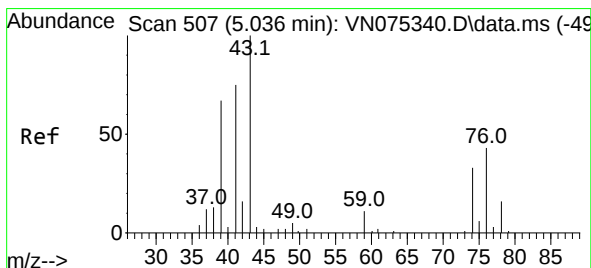
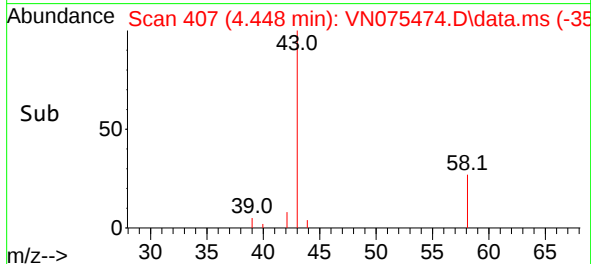
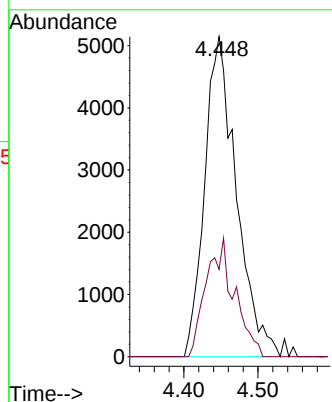
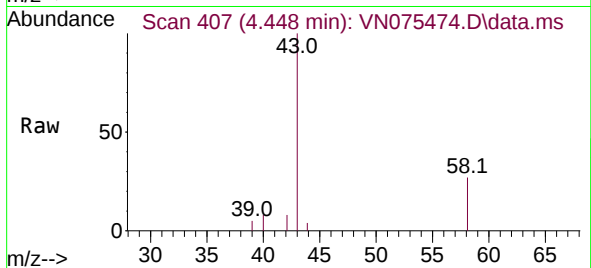




#16
Acetone
Concen: 21.959 ug/l
RT: 4.448 min Scan# 405
Delta R.T. 0.012 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

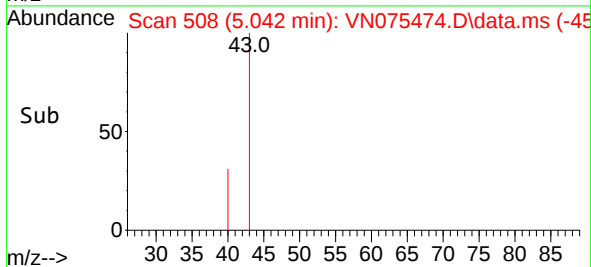
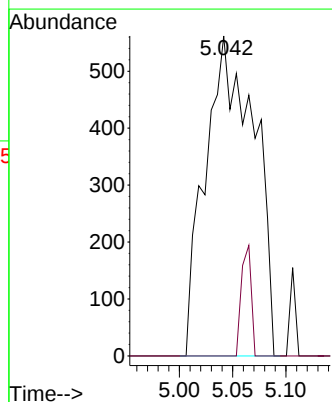
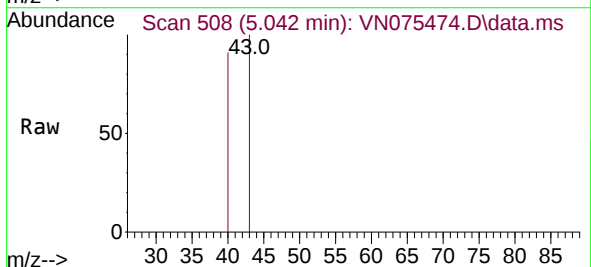
Instrument :
MSVOA_N
ClientSampleId :
PB149314TB

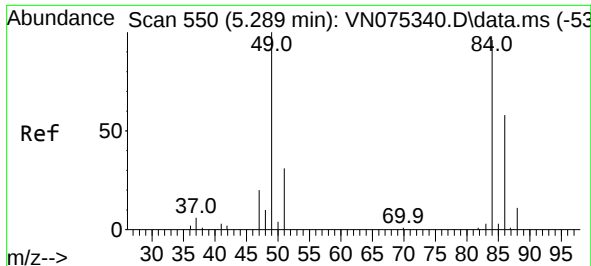
Tgt Ion: 43 Resp: 15297
Ion Ratio Lower Upper
43 100
58 27.3 25.5 38.3



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#

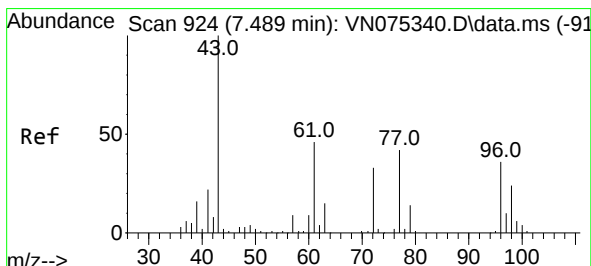
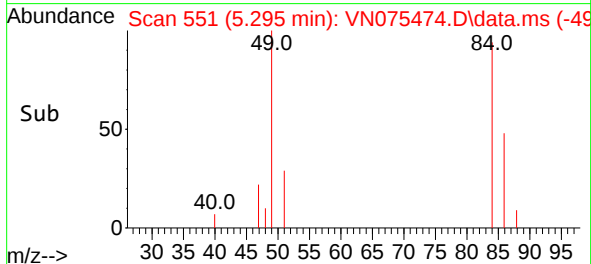
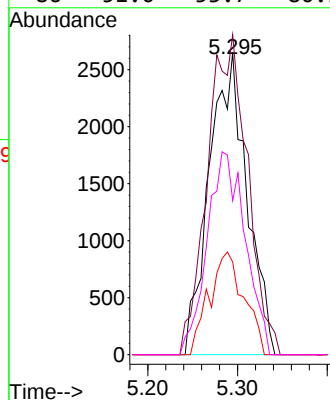
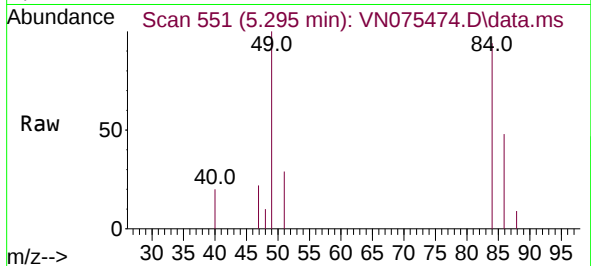




#20
Methylene Chloride
Concen: 4.295 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

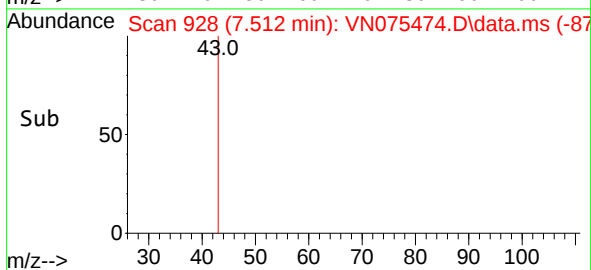
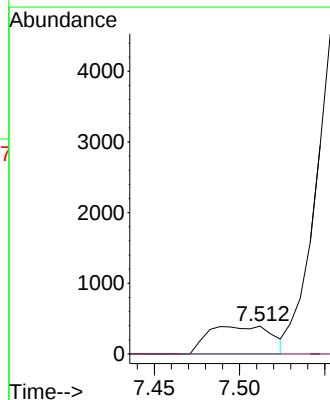
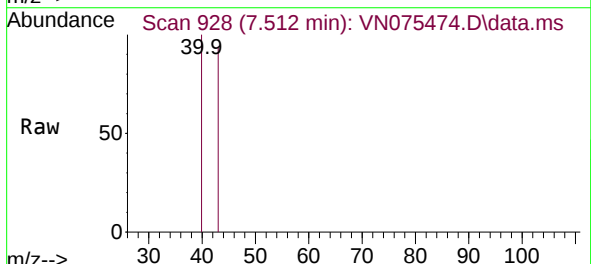
Instrument :
MSVOA_N
ClientSampleId :
PB149314TB

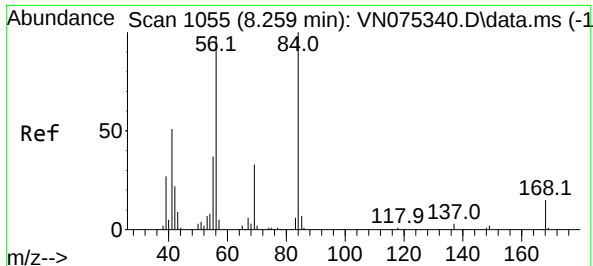
Tgt Ion: 84	Resp: 7718
Ion Ratio	Lower Upper
84 100	
49 105.9	94.9 142.3
51 30.7	26.8 40.2
86 51.0	53.7 80.5#



#25
2-Butanone
Concen: 1.053 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.023 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 43	Resp: 1024
Ion Ratio	Lower Upper
43 100	
72 0.0	25.5 38.3#





#31

Cyclohexane

Concen: 1.032 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.023 min

Lab File: VN075474.D

Acq: 29 Nov 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

PB149314TB

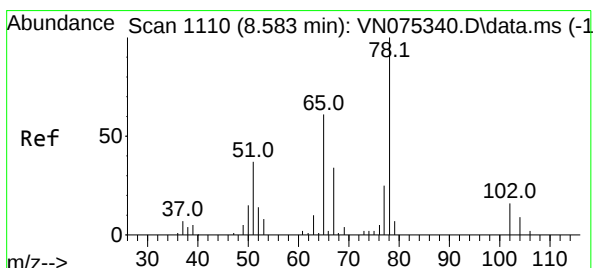
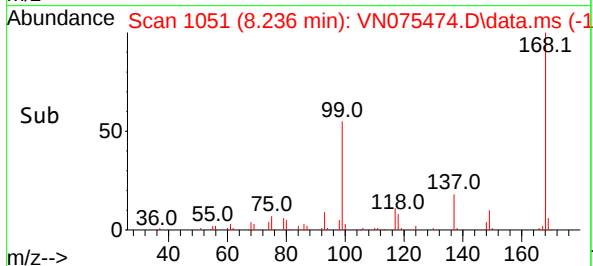
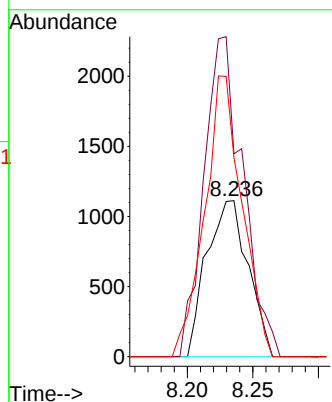
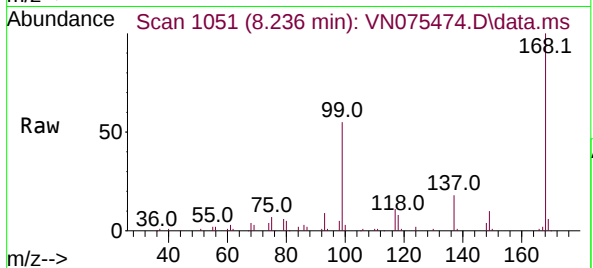
Tgt Ion: 56 Resp: 2449

Ion Ratio Lower Upper

56 100

69 130.0 25.2 37.8#

84 127.6 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 54.438 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075474.D

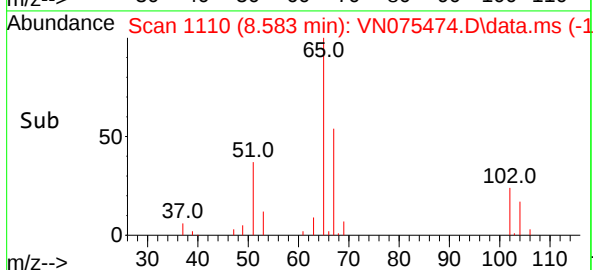
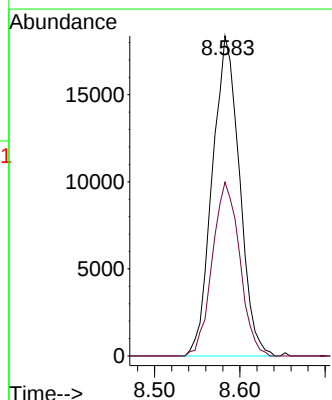
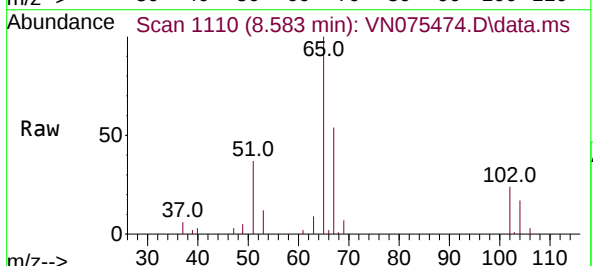
Acq: 29 Nov 2022 14:27

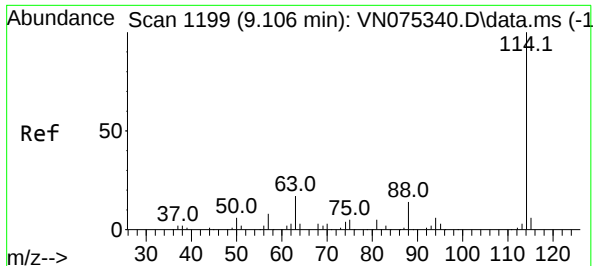
Tgt Ion: 65 Resp: 40656

Ion Ratio Lower Upper

65 100

67 54.7 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: VN075474.D

Acq: 29 Nov 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

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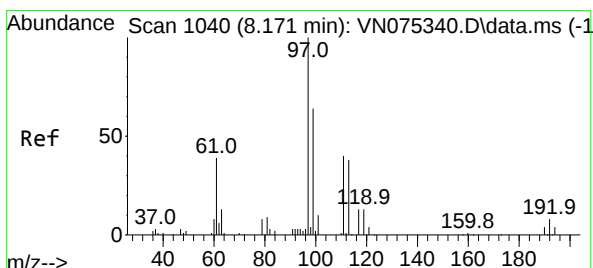
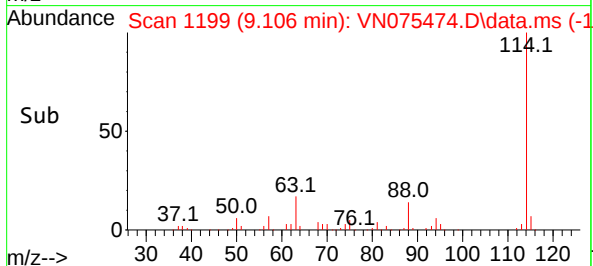
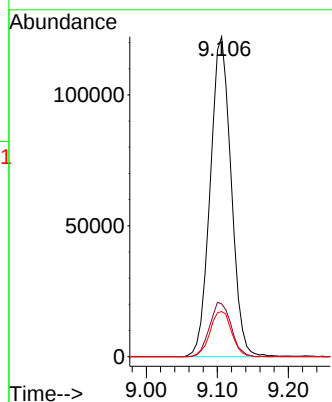
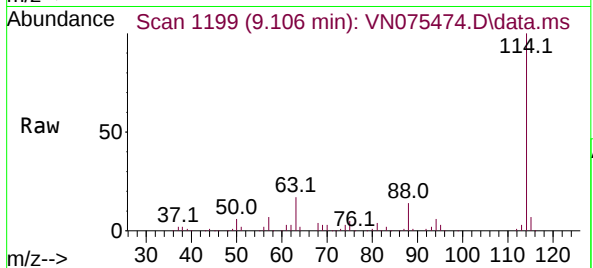
Tgt Ion:114 Resp: 249327

Ion Ratio Lower Upper

114 100

63 16.5 0.0 39.6

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.738 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075474.D

Acq: 29 Nov 2022 14:27

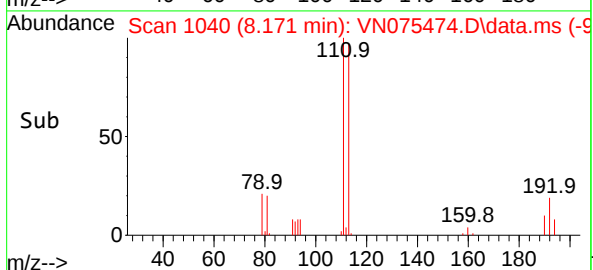
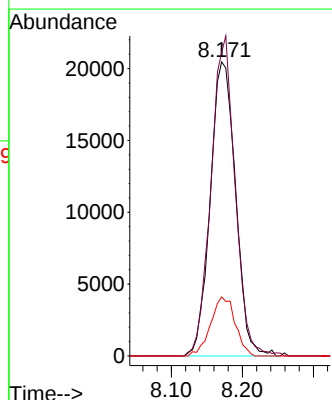
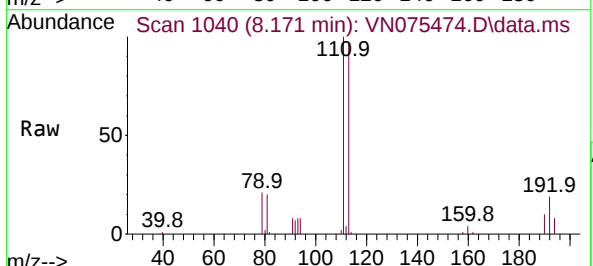
Tgt Ion:113 Resp: 50674

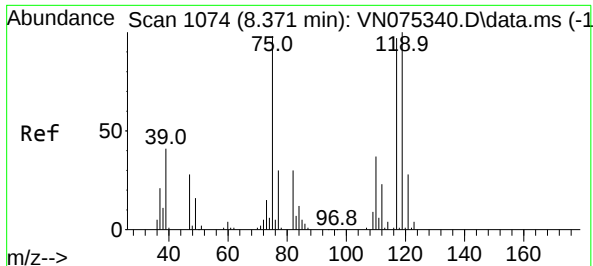
Ion Ratio Lower Upper

113 100

111 103.3 80.5 120.7

192 19.5 13.2 19.8

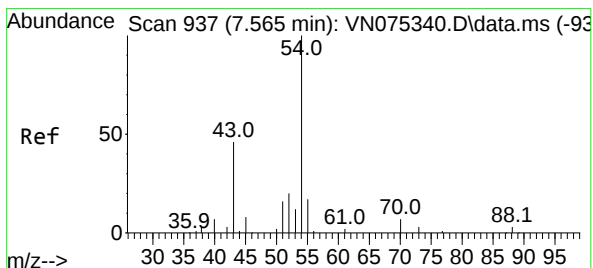
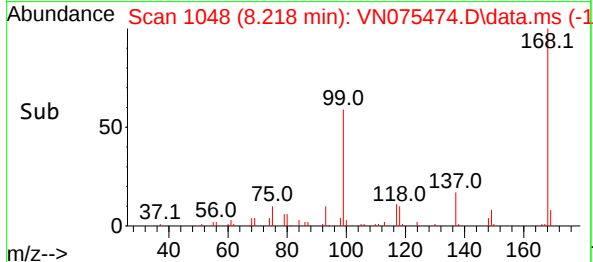
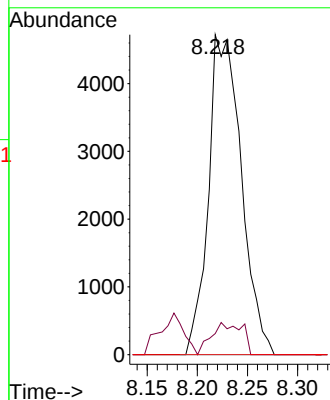
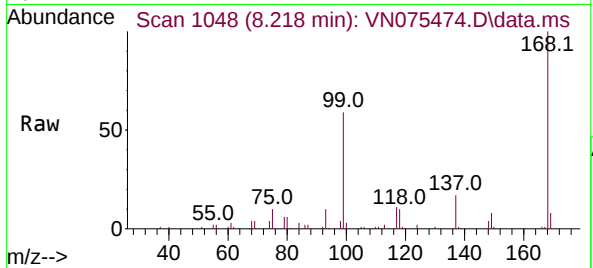




#36
1,1-Dichloropropene
Concen: 5.028 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.153 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

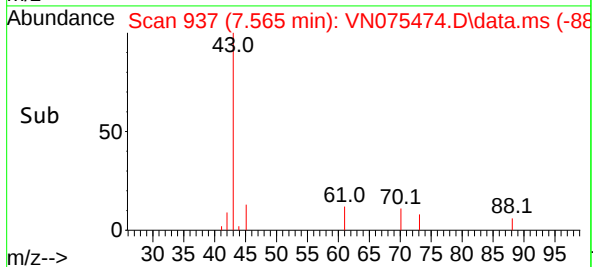
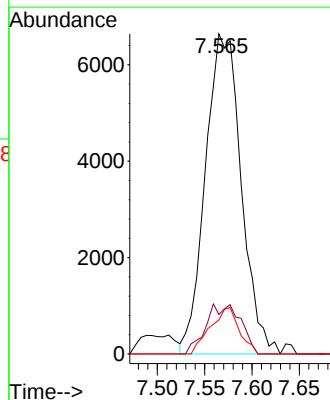
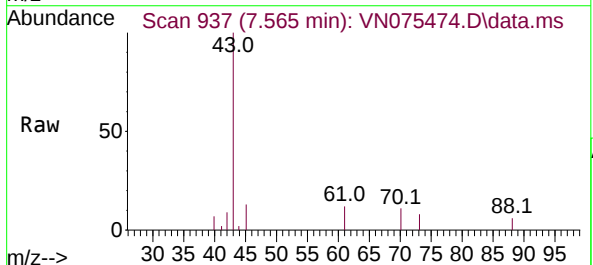
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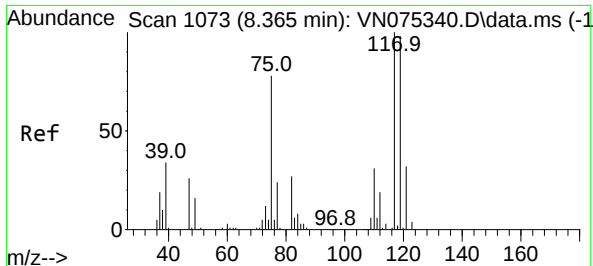
Tgt Ion: 75 Resp: 10740
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 9.075 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 43 Resp: 17454
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.4
70 11.7 9.4 14.2

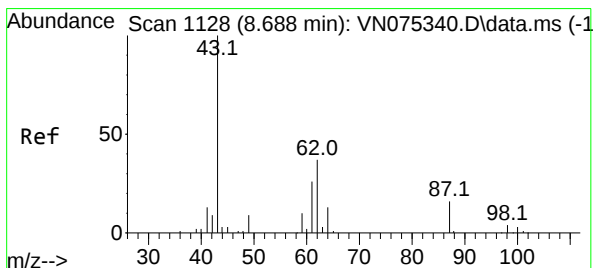
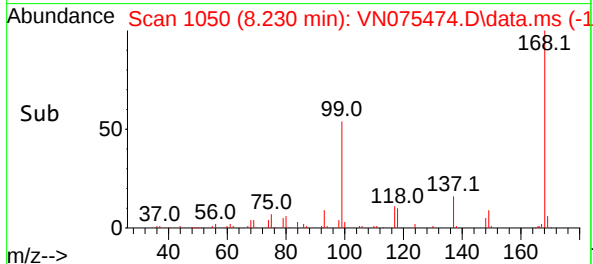
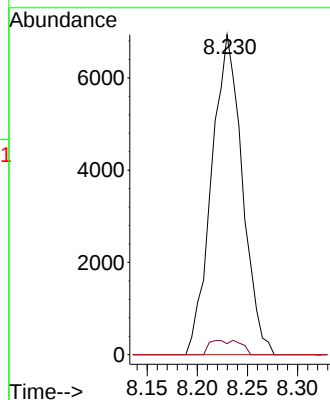
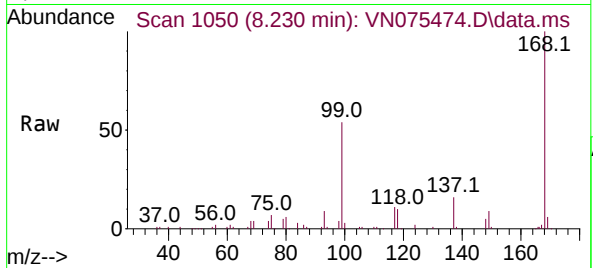




#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

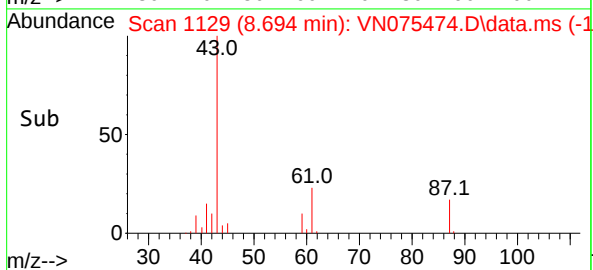
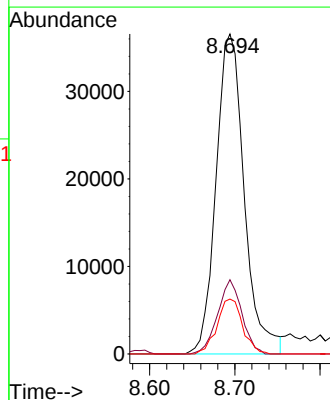
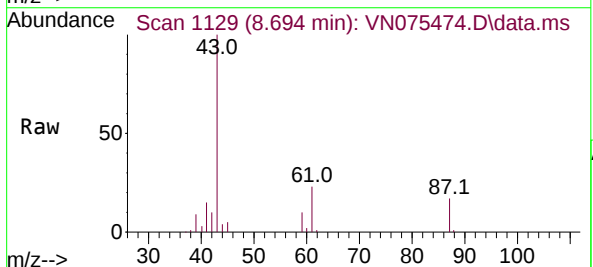
Instrument :
MSVOA_N
ClientSampleId :
PB149314TB

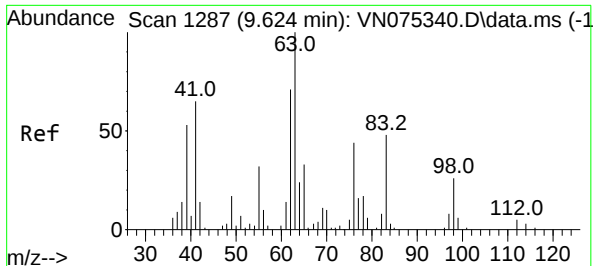
Tgt Ion:117 Resp: 14744
Ion Ratio Lower Upper
117 100
119 3.5 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 27.267 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 43 Resp: 84174
Ion Ratio Lower Upper
43 100
61 19.9 22.4 33.6#
87 15.5 12.5 18.7





#45

1,2-Dichloropropane

Concen: 0.572 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.117 min

Lab File: VN075474.D

Acq: 29 Nov 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

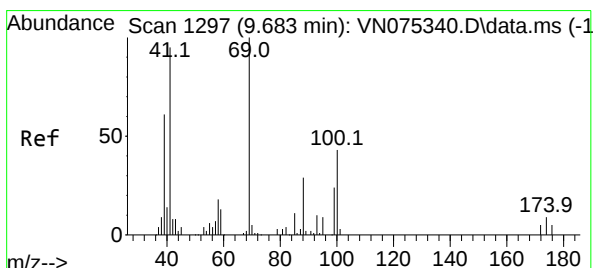
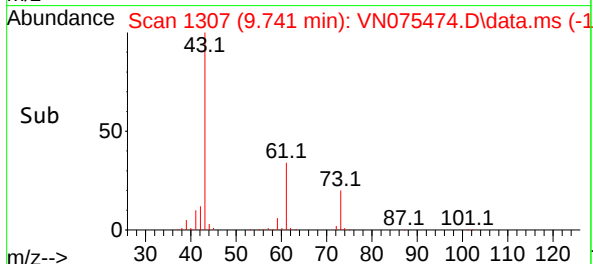
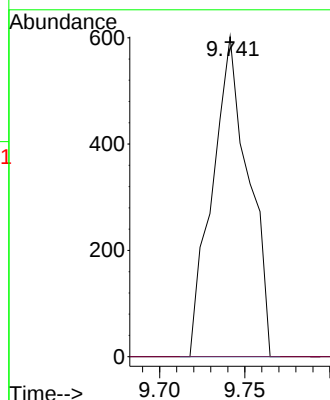
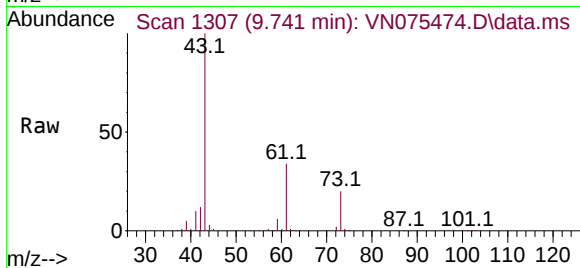
PB149314TB

Tgt Ion: 63 Resp: 891

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.548 ug/l

RT: 9.677 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN075474.D

Acq: 29 Nov 2022 14:27

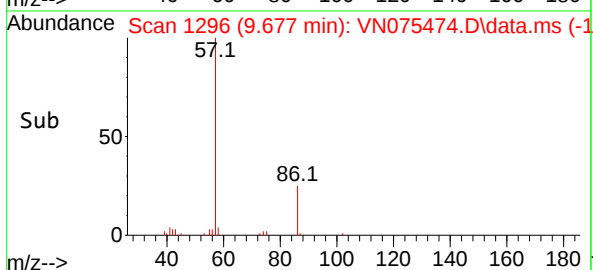
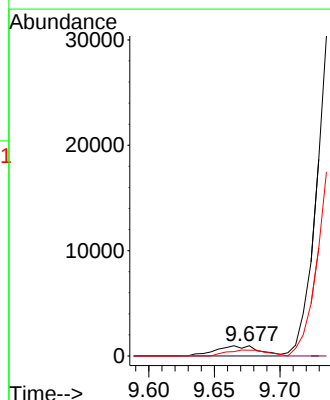
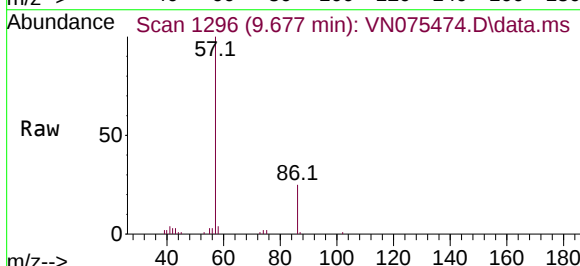
Tgt Ion: 41 Resp: 2209

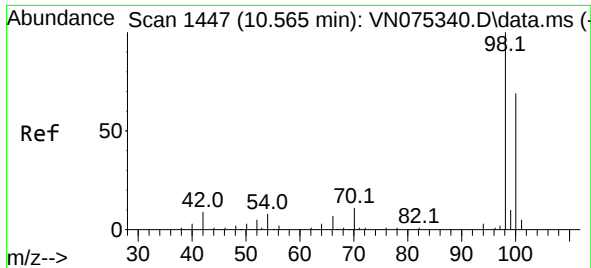
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 54.4 56.2 84.2#

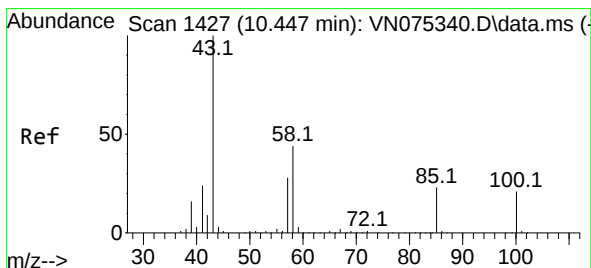
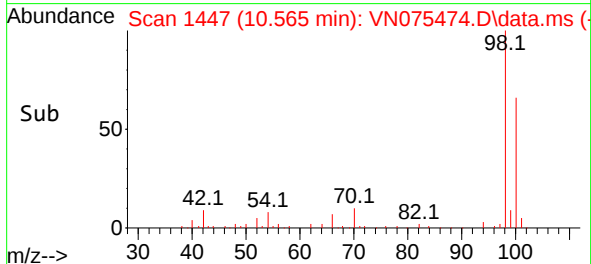
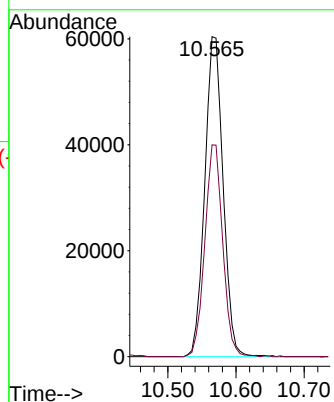
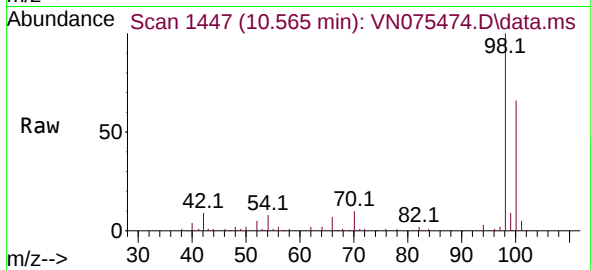




#50
Toluene-d8
Concen: 51.212 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

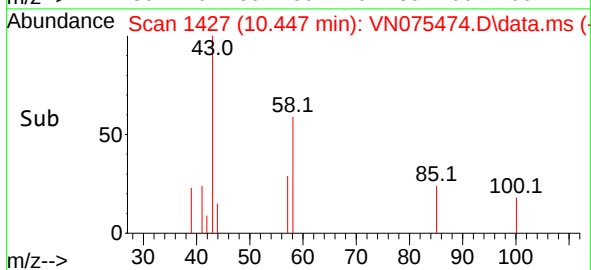
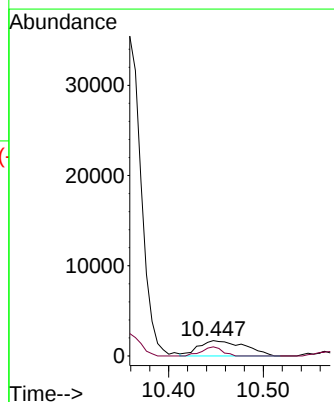
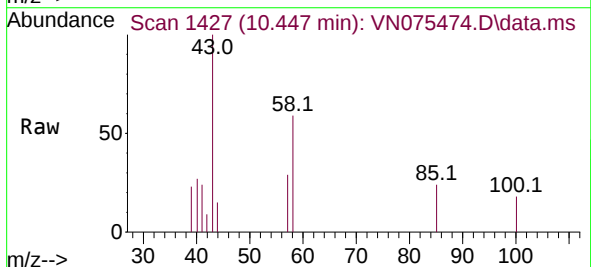
Instrument :
MSVOA_N
ClientSampleId :
PB149314TB

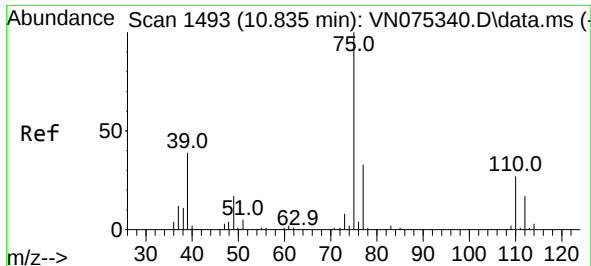
Tgt Ion: 98 Resp: 112973
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 2.937 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 43 Resp: 5774
Ion Ratio Lower Upper
43 100
58 26.3 33.6 50.4#

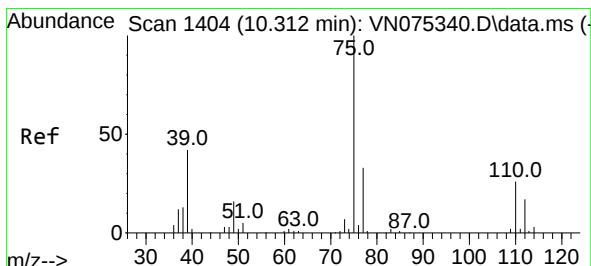
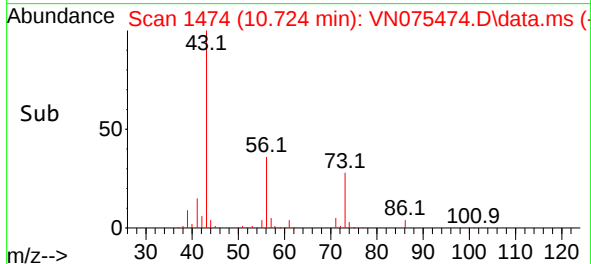
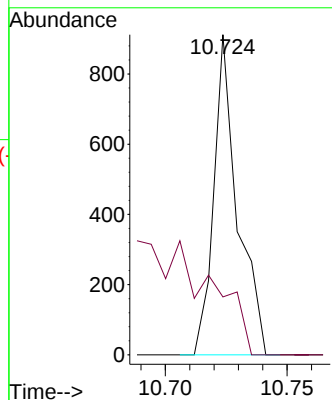
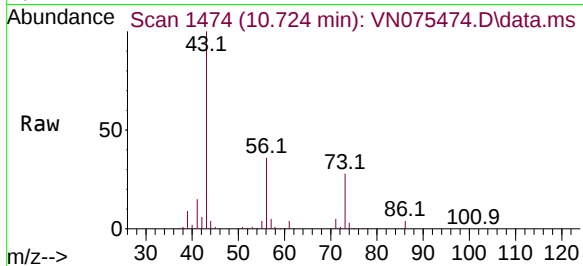




#53
 t-1,3-Dichloropropene
 Concen: 0.268 ug/l
 RT: 10.724 min Scan# 1412
 Delta R.T. -0.111 min
 Lab File: VN075474.D
 Acq: 29 Nov 2022 14:27

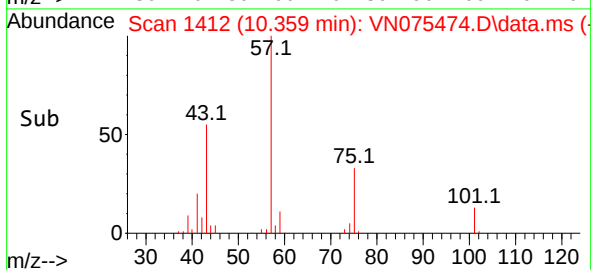
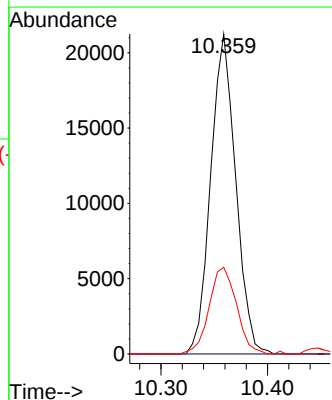
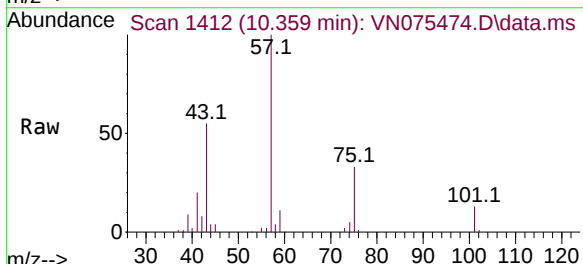
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314TB

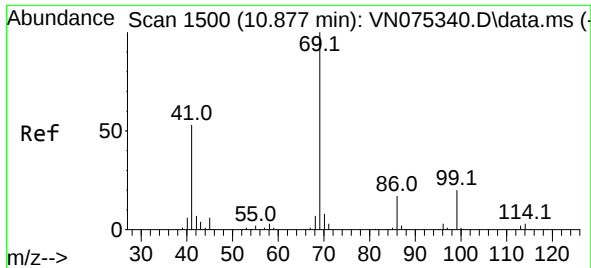
Tgt Ion: 75 Resp: 614
 Ion Ratio Lower Upper
 75 100
 77 18.1 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 13.909 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.047 min
 Lab File: VN075474.D
 Acq: 29 Nov 2022 14:27

Tgt Ion: 75 Resp: 34619
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 27.1 35.8 53.6#

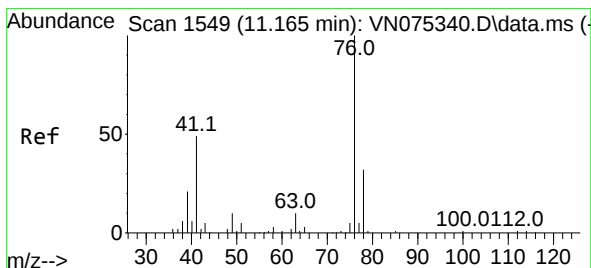
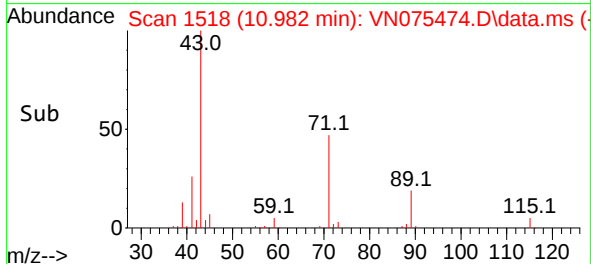
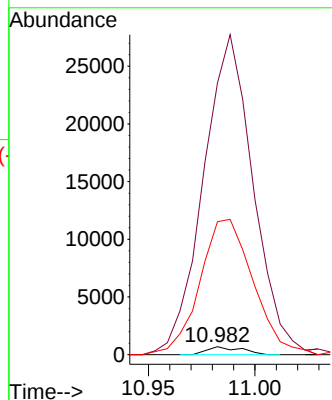
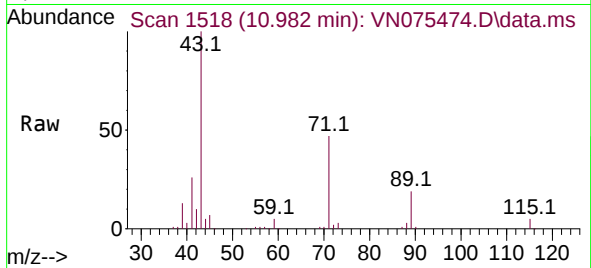




#56
Ethyl methacrylate
Concen: 0.336 ug/l
RT: 10.982 min Scan# 11
Delta R.T. 0.105 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

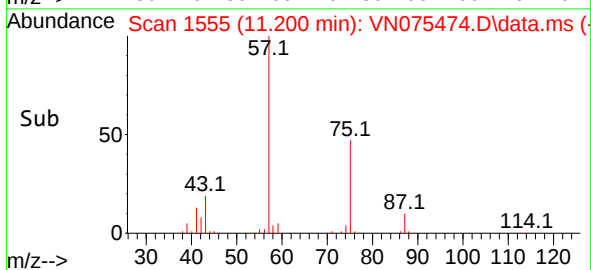
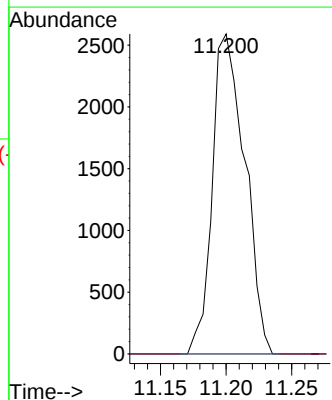
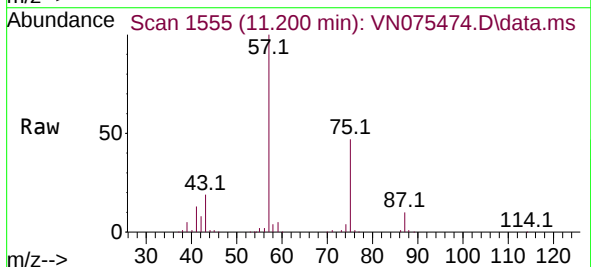
Instrument :
MSVOA_N
ClientSampleId :
PB149314TB

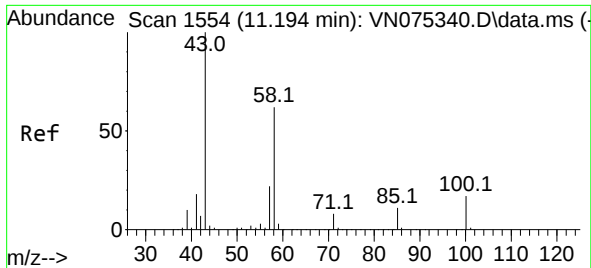
Tgt Ion: 69 Resp: 778
Ion Ratio Lower Upper
69 100
41 5875.8 45.6 68.4#
39 2648.8 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 1.596 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.035 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 76 Resp: 4468
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

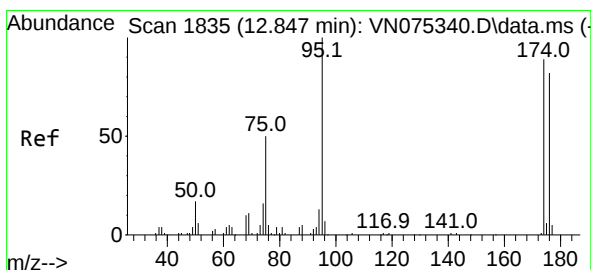
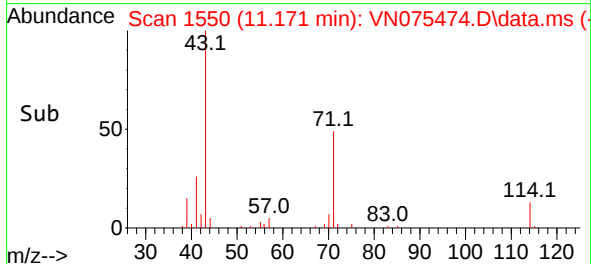
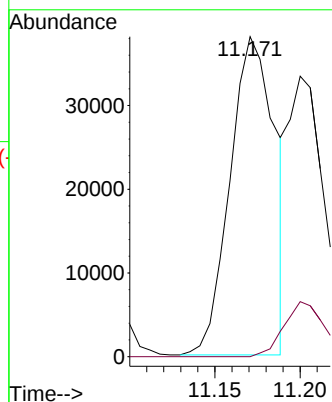
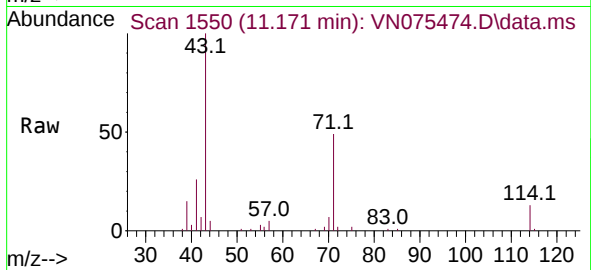




#59
2-Hexanone
Concen: 47.178 ug/l
RT: 11.171 min Scan# 1550
Delta R.T. -0.023 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

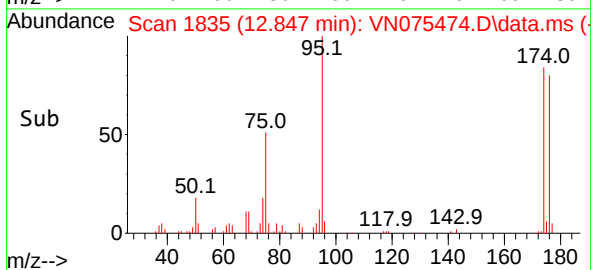
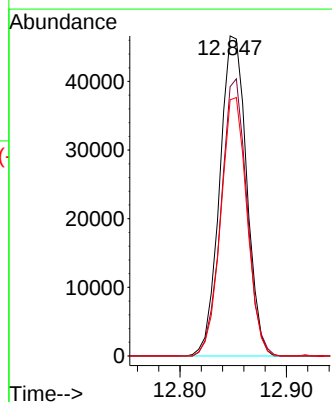
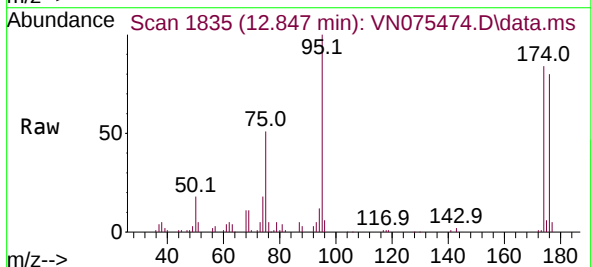
Instrument :
MSVOA_N
ClientSampleId :
PB149314TB

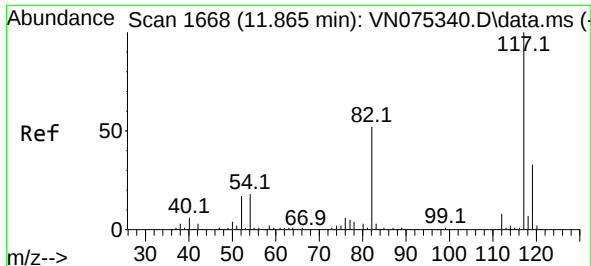
Tgt Ion: 43 Resp: 69655
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 50.239 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 95 Resp: 81802
Ion Ratio Lower Upper
95 100
174 83.0 0.0 147.4
176 78.7 0.0 142.2

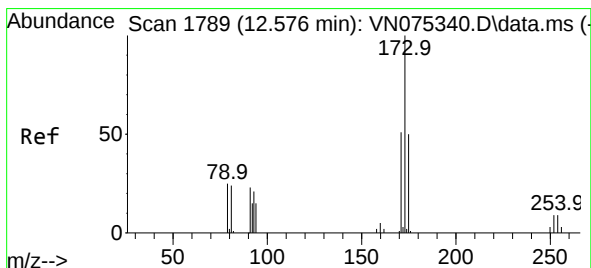
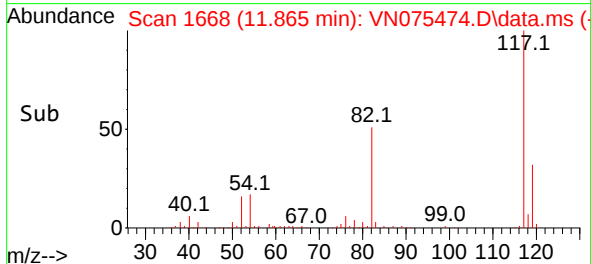
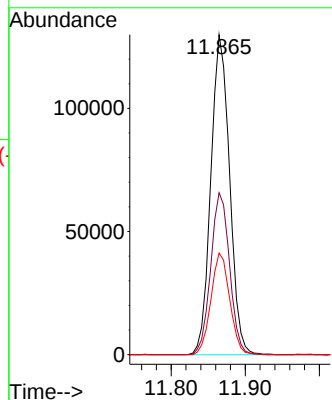
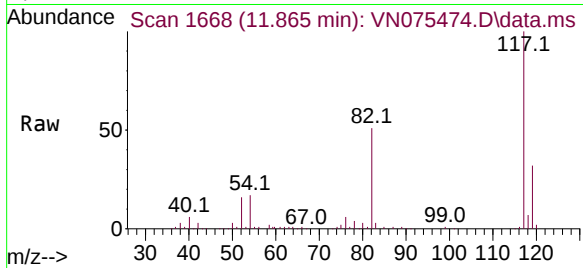




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

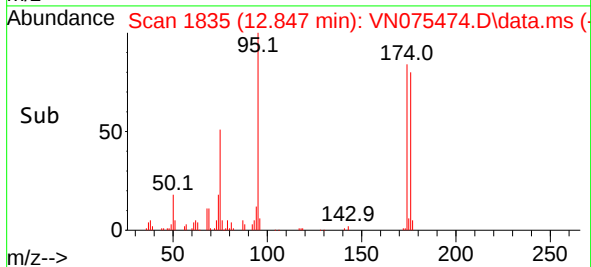
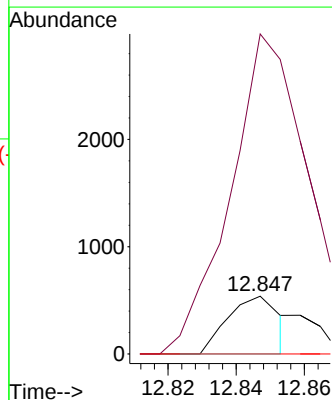
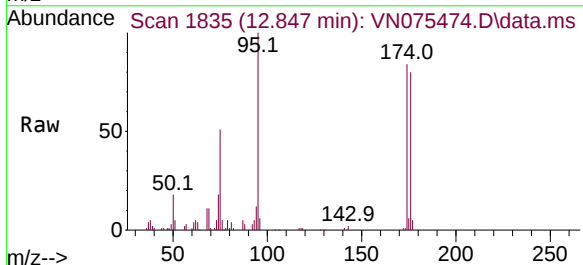
Instrument :
MSVOA_N
ClientSampleId :
PB149314TB

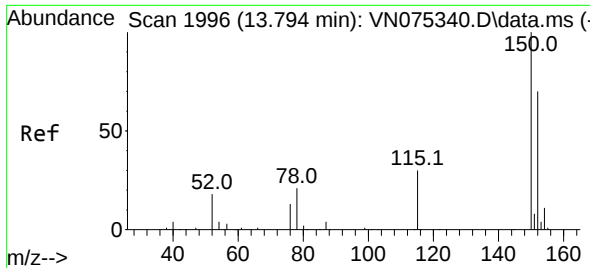
Tgt Ion:117 Resp: 228232
Ion Ratio Lower Upper
117 100
82 50.6 43.1 64.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.425 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion:173 Resp: 569
Ion Ratio Lower Upper
173 100
175 587.5 24.6 74.0#
254 0.0 0.0 0.0

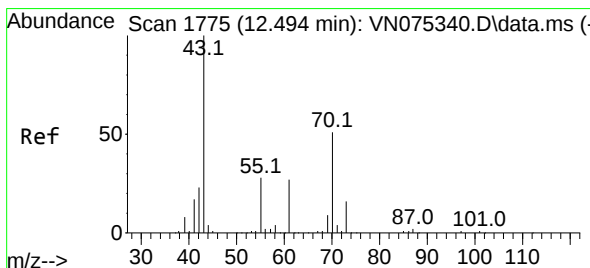
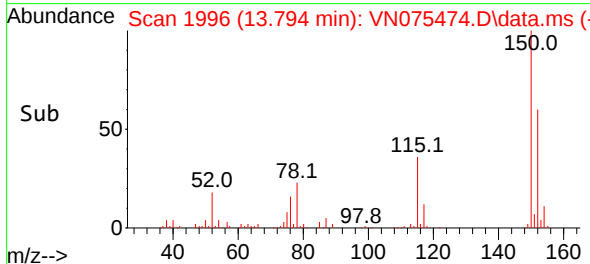
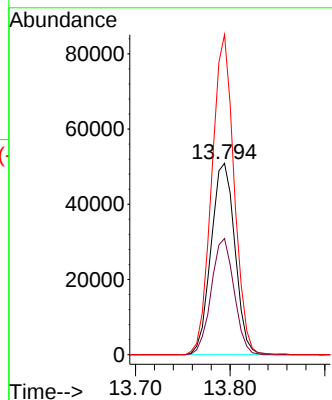
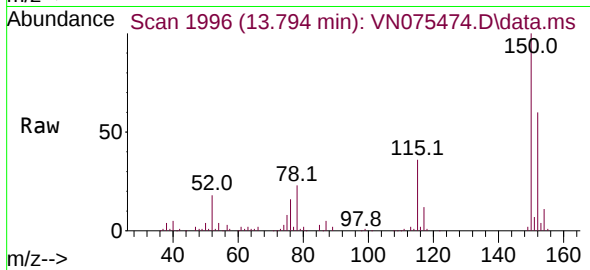




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

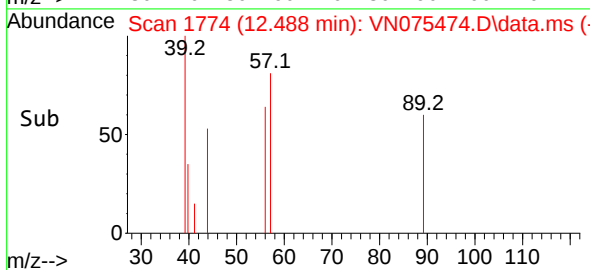
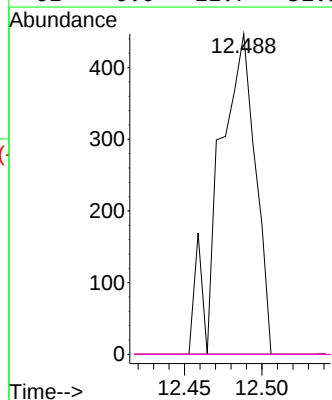
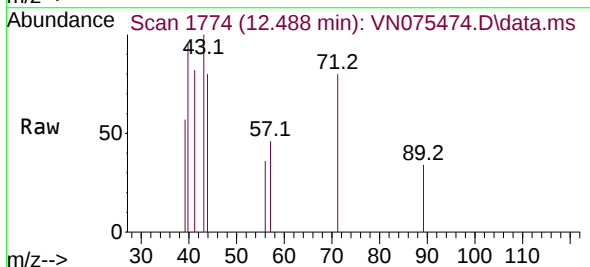
Instrument :
MSVOA_N
ClientSampleId :
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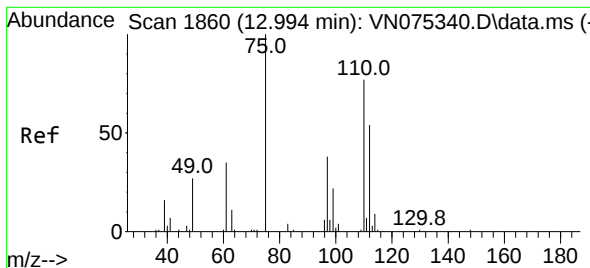
Tgt Ion:152 Resp: 89149
Ion Ratio Lower Upper
152 100
115 58.0 30.2 90.6
150 156.4 0.0 348.4



#74
N-ethyl acetate
Concen: 0.364 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN075474.D
Acq: 29 Nov 2022 14:27

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#





#76

1,2,3-Trichloropropane

Concen: 23.839 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

Lab File: VN075474.D

Acq: 29 Nov 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

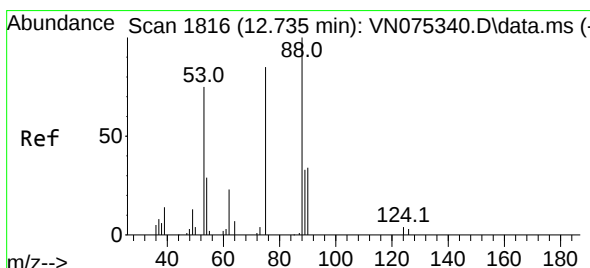
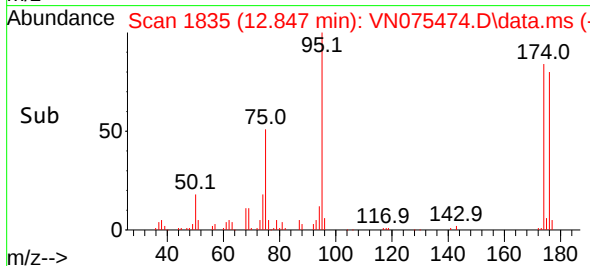
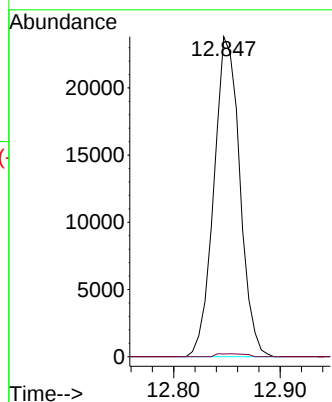
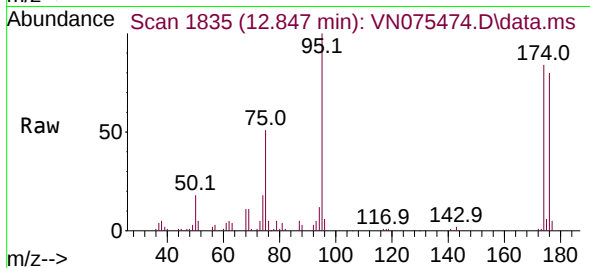
PB149314TB

Tgt Ion: 75 Resp: 40182

Ion Ratio Lower Upper

75 100

77 1.0 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.534 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.112 min

Lab File: VN075474.D

Acq: 29 Nov 2022 14:27

Tgt Ion: 75 Resp: 40182

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#

