

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075087.D
 Acq On : 31 Oct 2022 15:23
 Operator : JC\MD
 Sample : PB148673TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148673TB

Quant Time: Nov 01 06:18:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

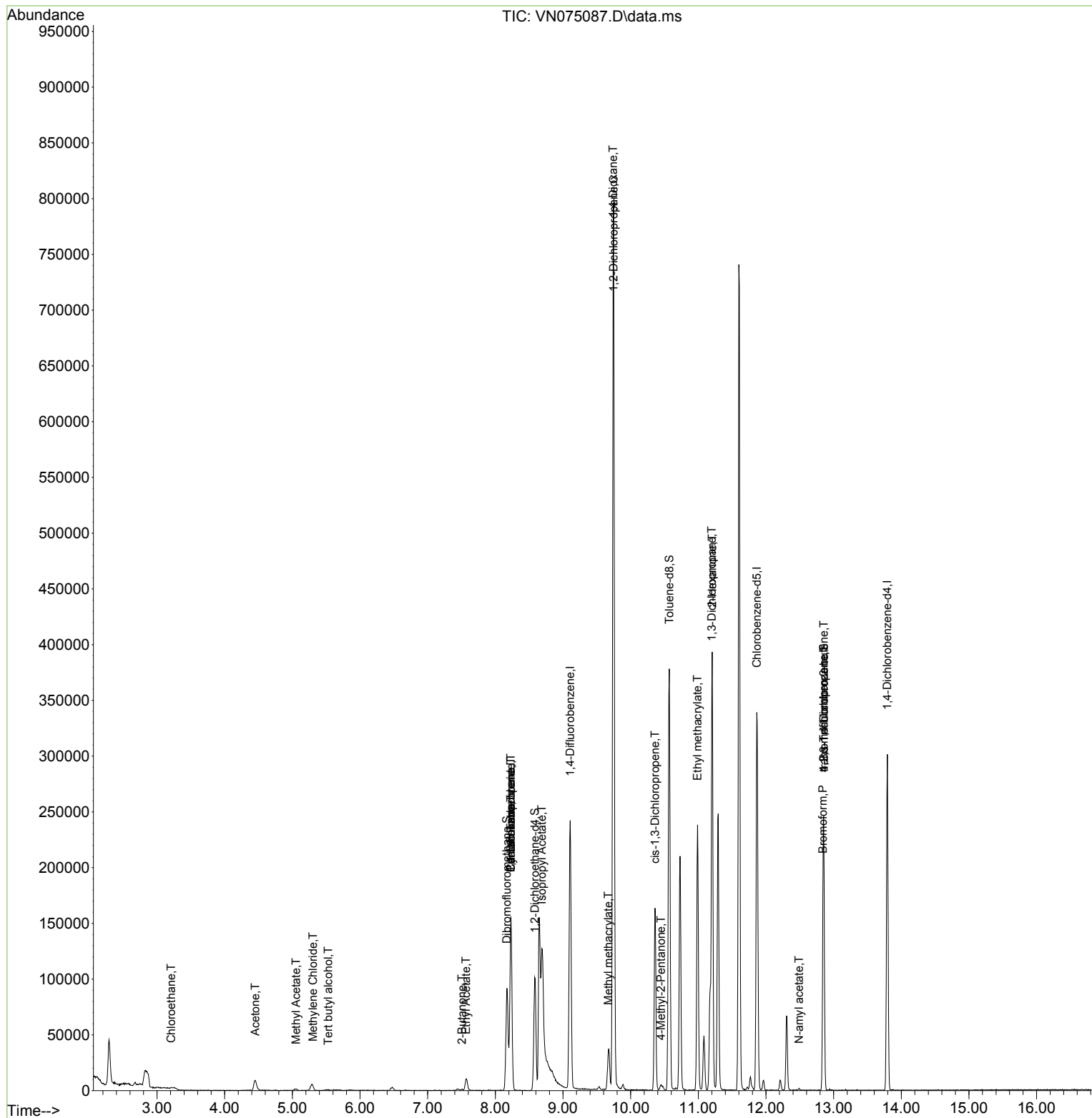
Internal Standards						
1) Pentafluorobenzene	8.230	168	105171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	209516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	197397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	83686	59.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.120%			
35) Dibromofluoromethane	8.171	113	64800	52.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.360%			
50) Toluene-d8	10.571	98	262547	55.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.040%			
62) 4-Bromofluorobenzene	12.853	95	85380	50.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.860%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.942	94	56	Below Cal	#	5
6) Chloroethane	3.206	64	537	0.361	ug/l #	45
11) Tert butyl alcohol	5.530	59	260	0.787	ug/l #	72
16) Acetone	4.453	43	17978	29.963	ug/l	99
18) Methyl Acetate	5.053	43	2751	1.404	ug/l	100
20) Methylene Chloride	5.306	84	4511	3.372	ug/l #	66
25) 2-Butanone	7.506	43	1585	1.679	ug/l	90
31) Cyclohexane	8.230	56	2715	1.288	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	9310	4.889	ug/l #	49
37) Ethyl Acetate	7.565	43	16115	7.717	ug/l	97
38) Carbon Tetrachloride	8.230	117	11983	5.721	ug/l #	16
43) Isopropyl Acetate	8.688	43	137766	42.530	ug/l #	77
45) 1,2-Dichloropropane	9.747	63	930	0.670	ug/l #	42
48) Methyl methacrylate	9.671	41	2377	1.600	ug/l #	36
49) 1,4-Dioxane	9.741	88	54	1.388	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	6764	3.236	ug/l #	62
54) cis-1,3-Dichloropropene	10.359	75	31150	13.292	ug/l #	65
56) Ethyl methacrylate	10.988	69	677	0.287	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4214	1.637	ug/l #	42
59) 2-Hexanone	11.206	43	50400	31.769	ug/l #	48
71) Bromoform	12.841	173	489	0.418	ug/l #	1
74) N-amyl acetate	12.488	43	831	0.368	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	46306	28.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	46306	73.606	ug/l #	10

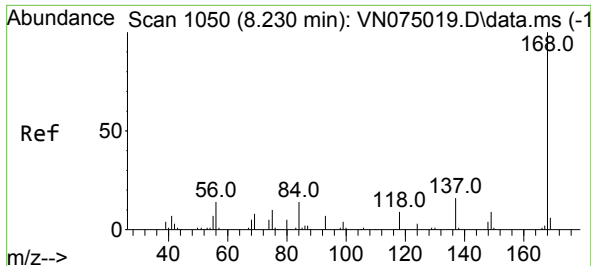
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
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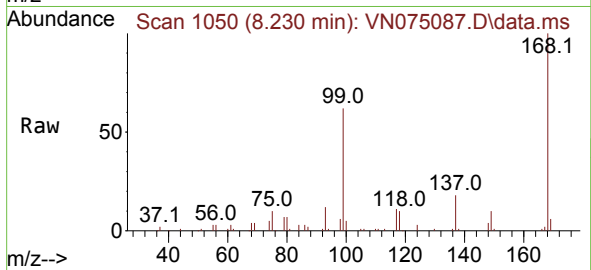
Quant Time: Nov 01 06:18:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration



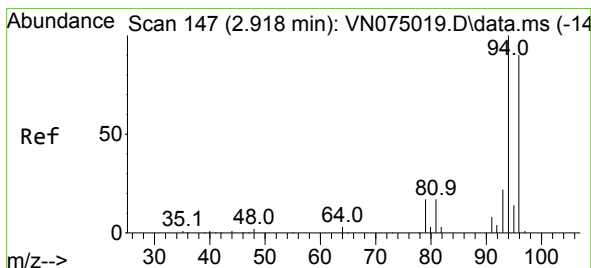
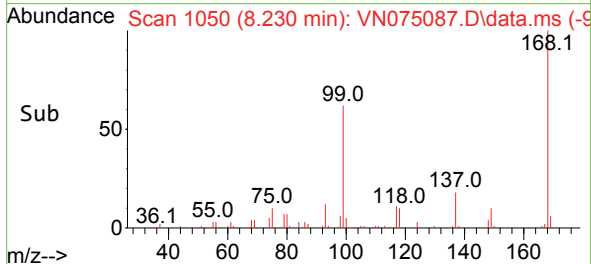
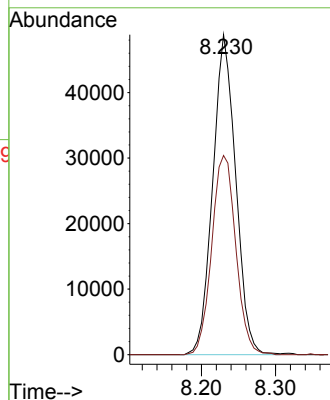


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

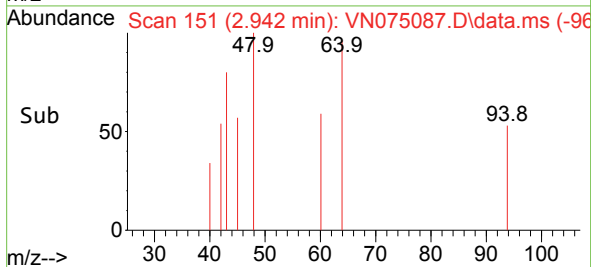
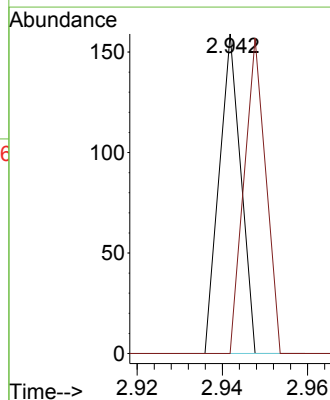
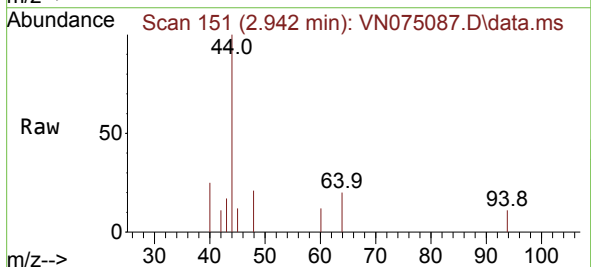


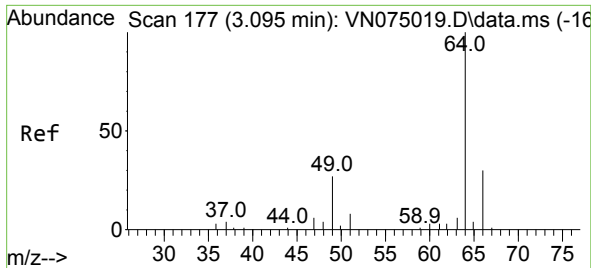
Tgt Ion:168 Resp: 105171
Ion Ratio Lower Upper
168 100
99 62.3 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 151
Delta R.T. 0.024 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

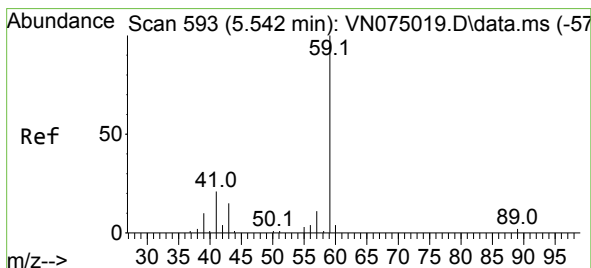
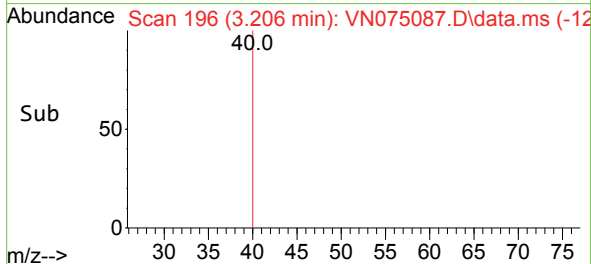
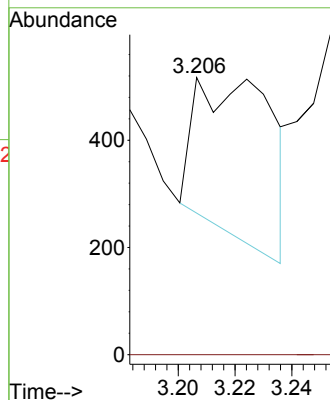
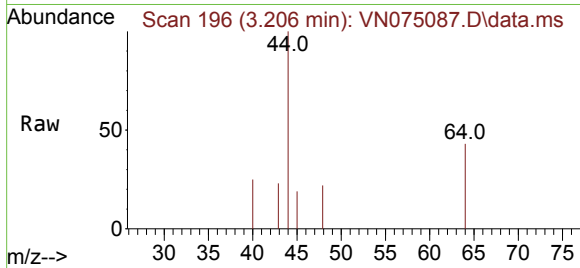




#6
Chloroethane
Concen: 0.361 ug/l
RT: 3.206 min Scan# 196
Delta R.T. 0.111 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

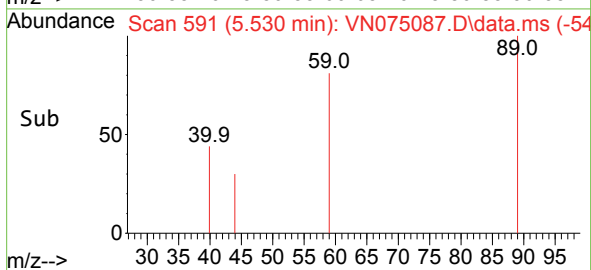
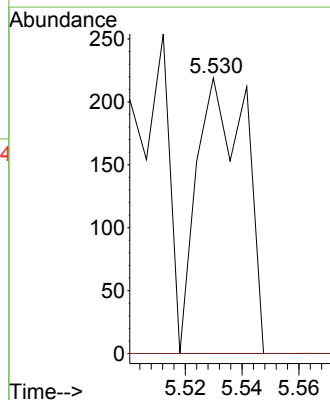
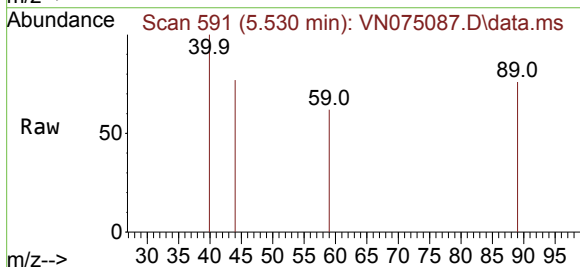
Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

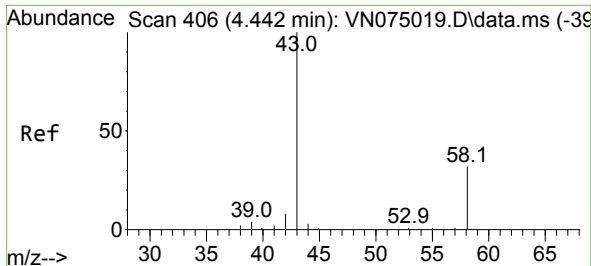
Tgt Ion: 64 Resp: 537
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.787 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

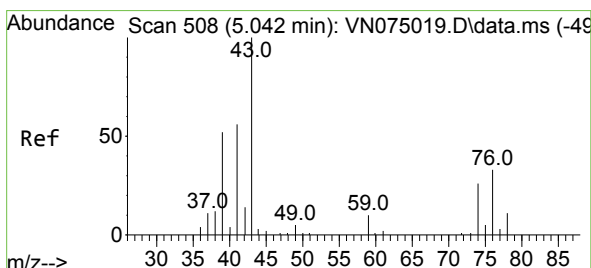
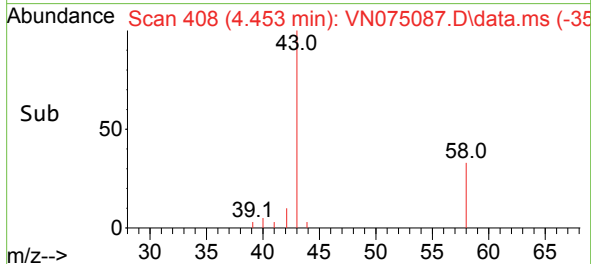
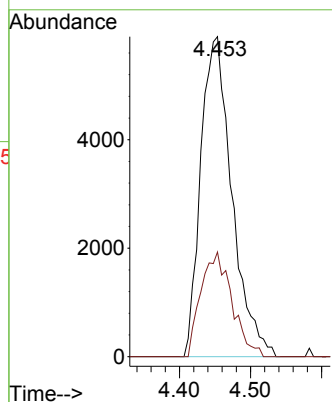
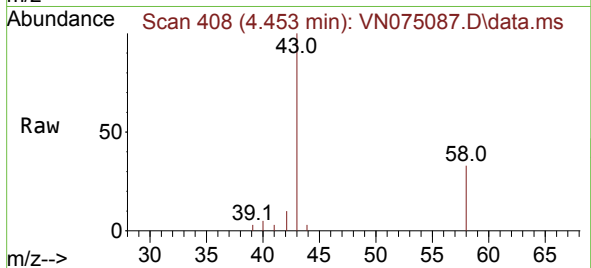




#16
Acetone
Concen: 29.963 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

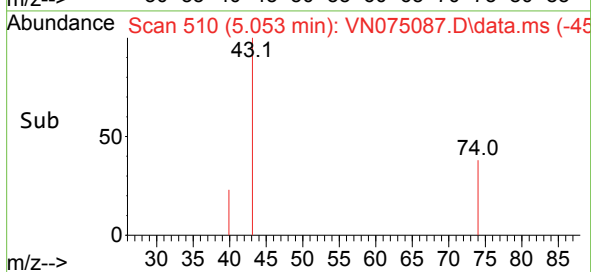
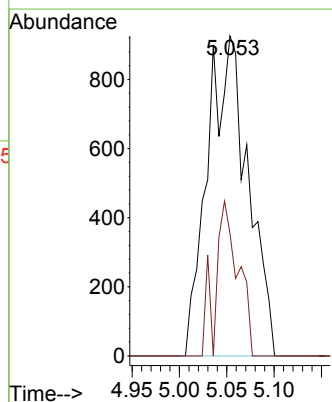
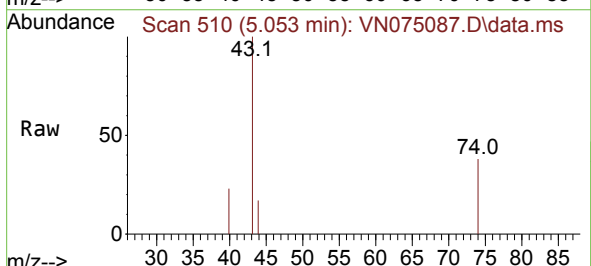
Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

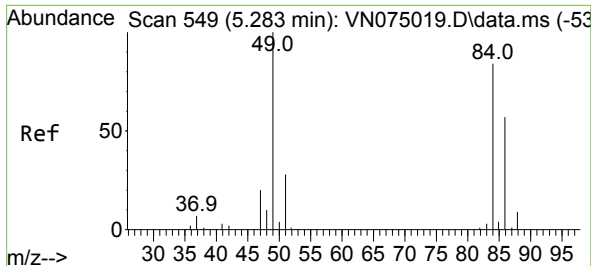
Tgt Ion: 43 Resp: 17978
Ion Ratio Lower Upper
43 100
58 32.7 25.5 38.3



#18
Methyl Acetate
Concen: 1.404 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.011 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 43 Resp: 2751
Ion Ratio Lower Upper
43 100
74 27.4 22.0 33.0

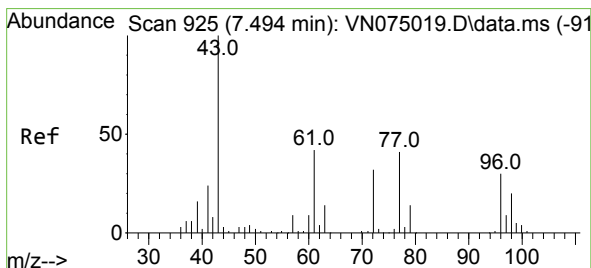
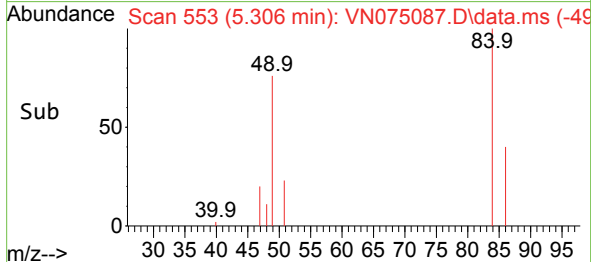
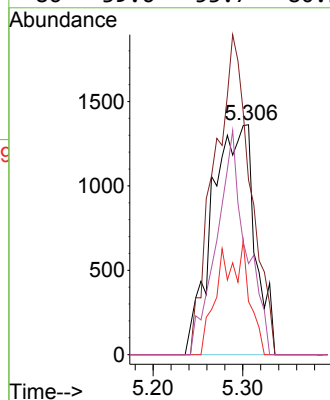
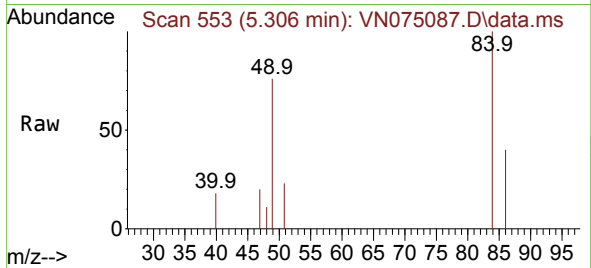




#20
Methylene Chloride
Concen: 3.372 ug/l
RT: 5.306 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

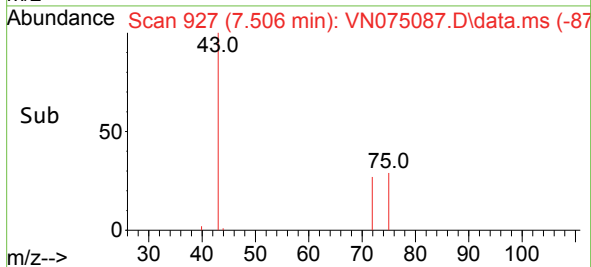
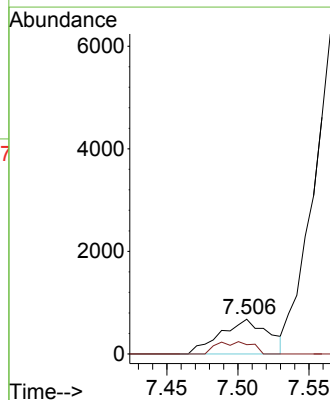
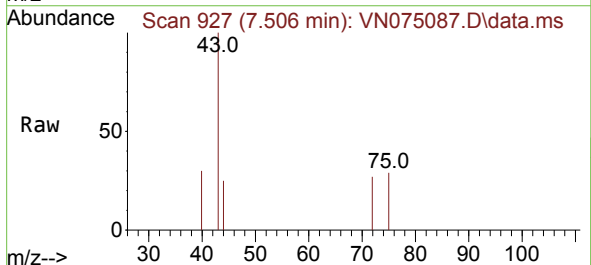
Instrument :
MSVOA_N
ClientSampleId :
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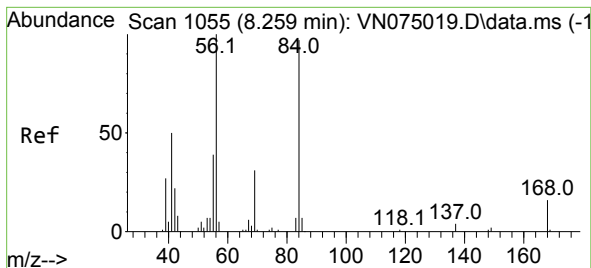
Tgt Ion: 84	Resp: 4511
Ion Ratio	Lower Upper
84 100	
49 76.0	94.9 142.3#
51 23.1	26.8 40.2#
86 39.6	53.7 80.5#



#25
2-Butanone
Concen: 1.679 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.012 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 43	Resp: 1585
Ion Ratio	Lower Upper
43 100	
72 26.5	25.5 38.3





#31

Cyclohexane

Concen: 1.288 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

Lab File: VN075087.D

Acq: 31 Oct 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB148673TB

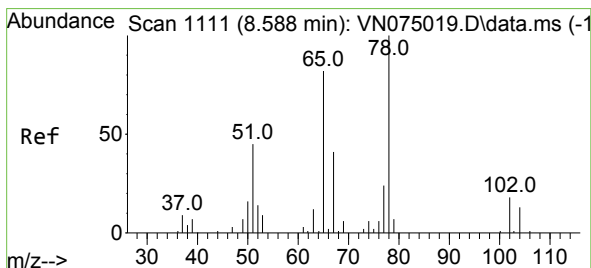
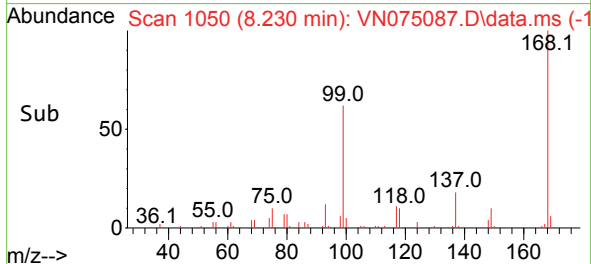
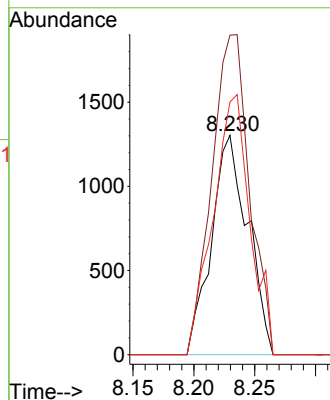
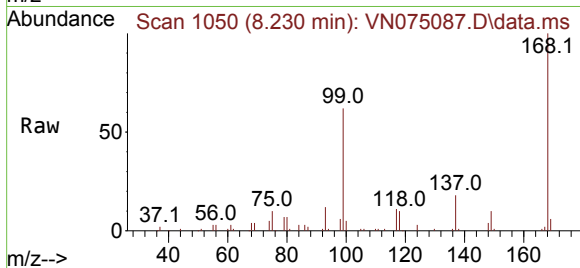
Tgt Ion: 56 Resp: 2715

Ion Ratio Lower Upper

56 100

69 145.7 25.2 37.8#

84 115.2 77.8 116.8



#33

1,2-Dichloroethane-d4

Concen: 59.056 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.005 min

Lab File: VN075087.D

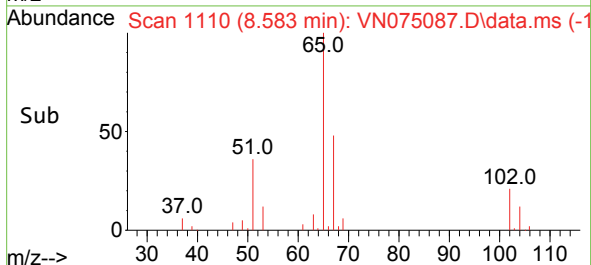
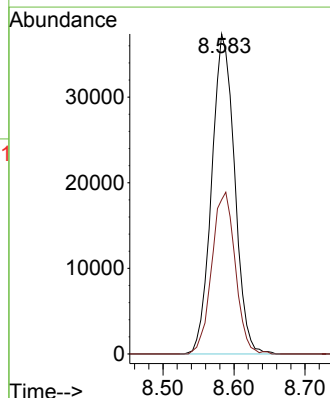
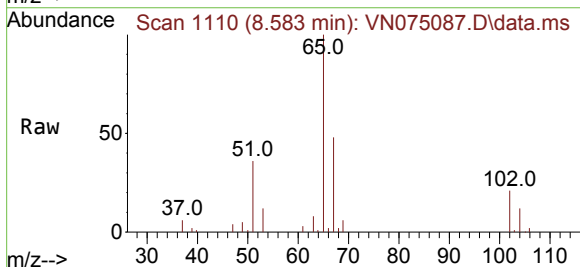
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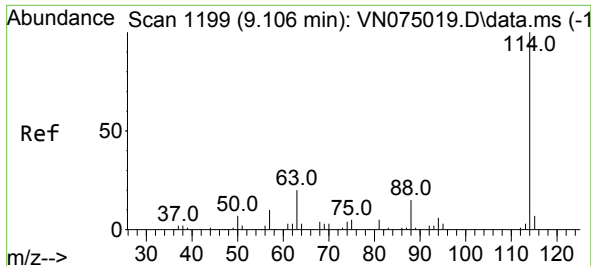
Tgt Ion: 65 Resp: 83686

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.0

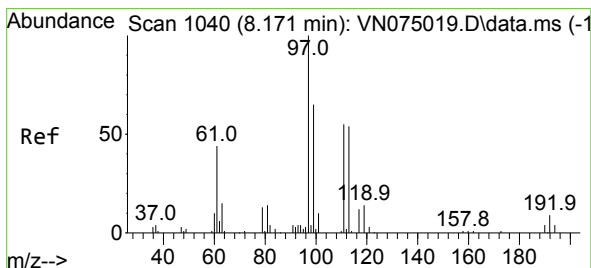
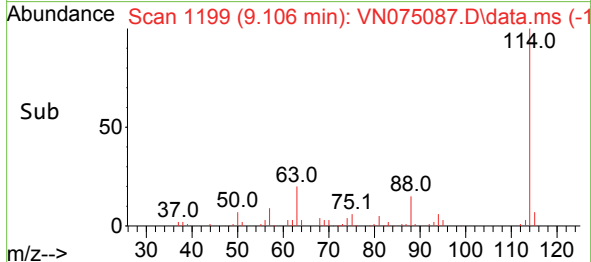
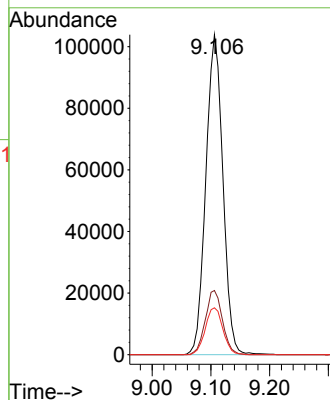
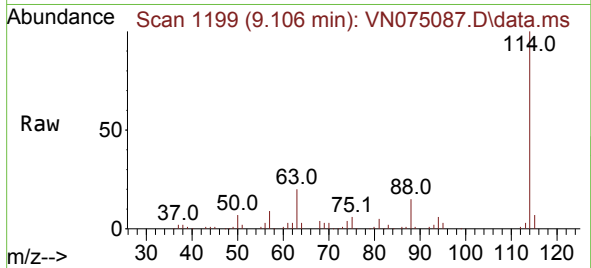




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

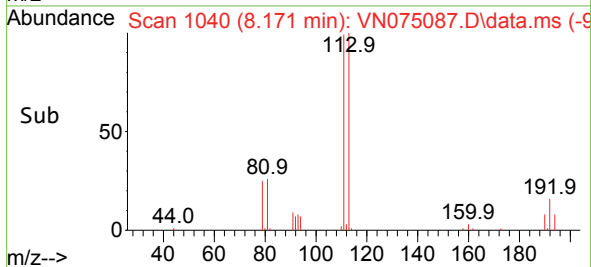
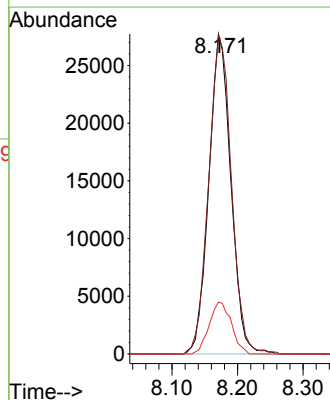
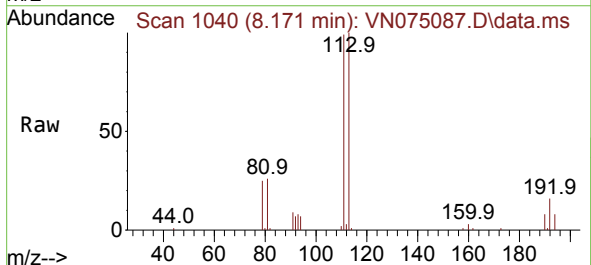
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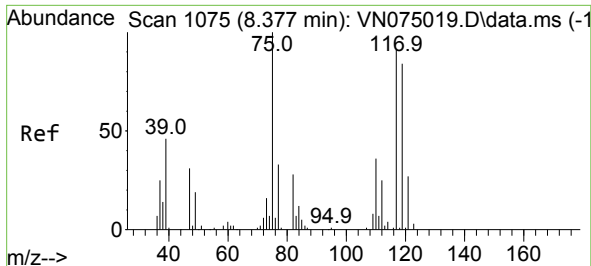
Tgt Ion:114 Resp: 209516
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.684 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion:113 Resp: 64800
Ion Ratio Lower Upper
113 100
111 102.4 80.5 120.7
192 16.3 13.2 19.8

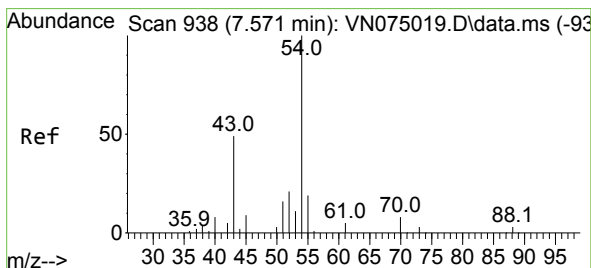
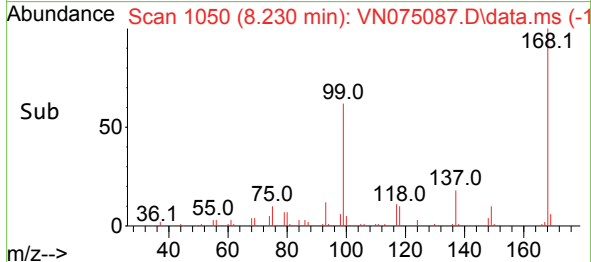
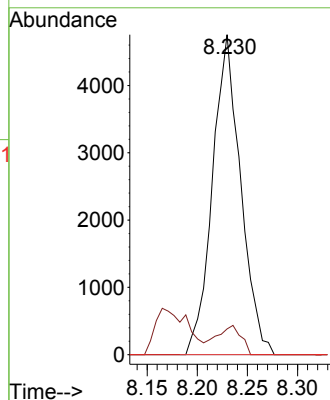
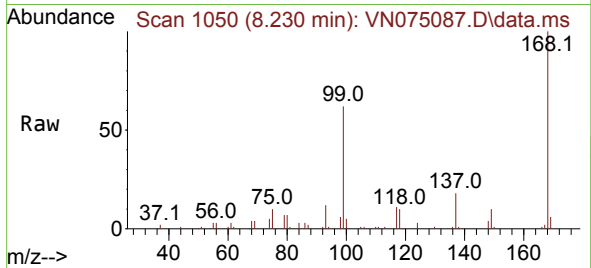




#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

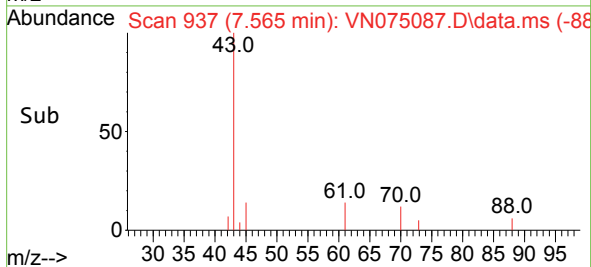
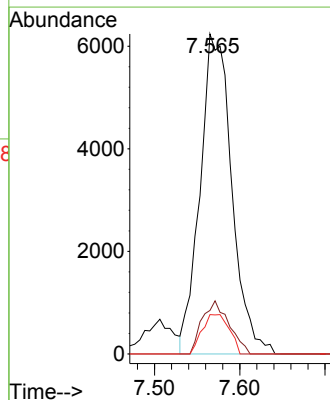
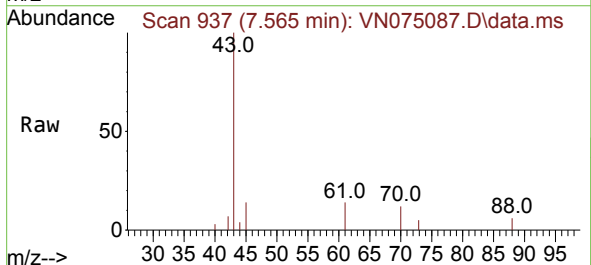
Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

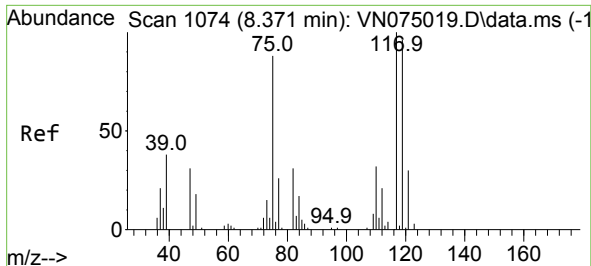
Tgt Ion: 75 Resp: 9310
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 7.717 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

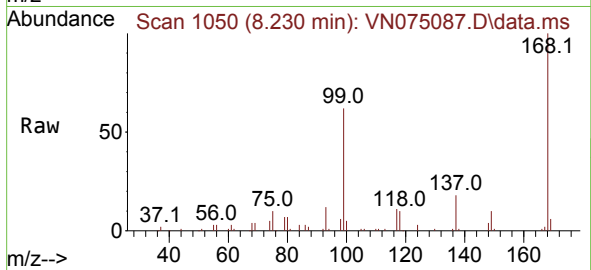
Tgt Ion: 43 Resp: 16115
Ion Ratio Lower Upper
43 100
61 14.1 12.2 18.4
70 10.5 9.4 14.2



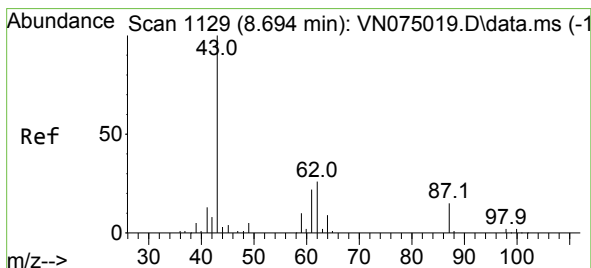
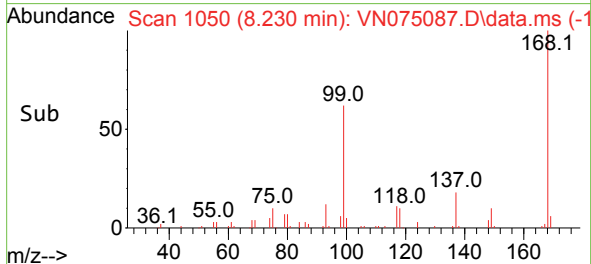
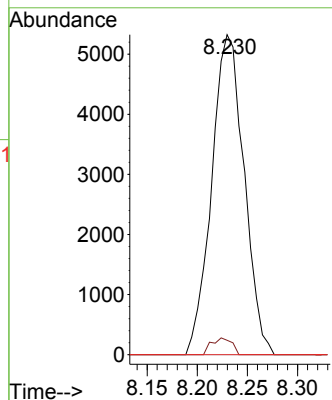


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 8.230 min Scan# 11983
Delta R.T. -0.141 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

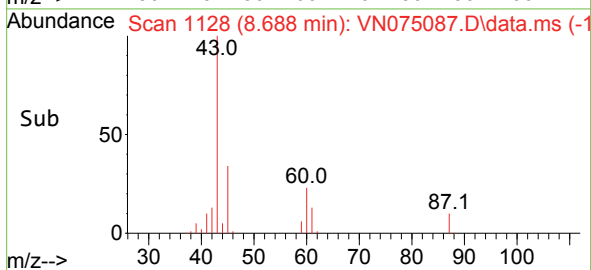
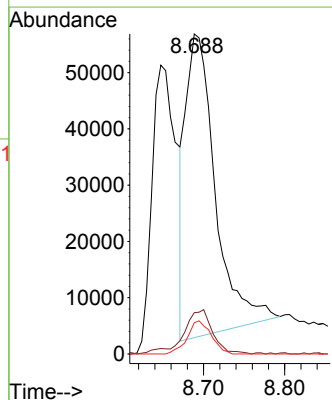
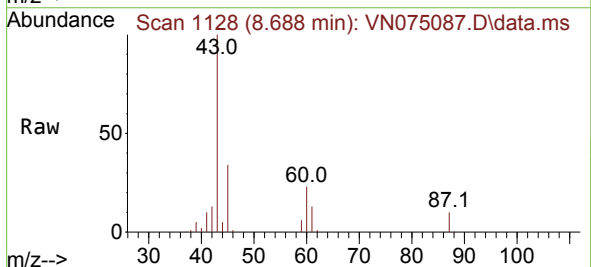


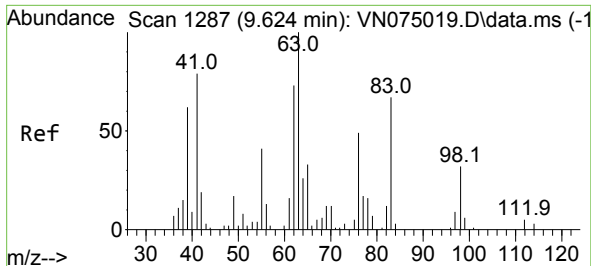
Tgt Ion:117 Resp: 11983
Ion Ratio Lower Upper
117 100
119 4.5 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 42.530 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 43 Resp: 137766
Ion Ratio Lower Upper
43 100
61 14.2 22.4 33.6#
87 8.8 12.5 18.7#





#45

1,2-Dichloropropane

Concen: 0.670 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN075087.D

Acq: 31 Oct 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

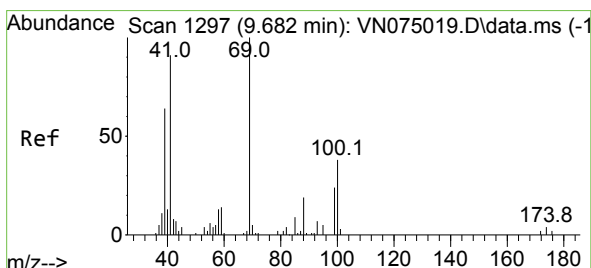
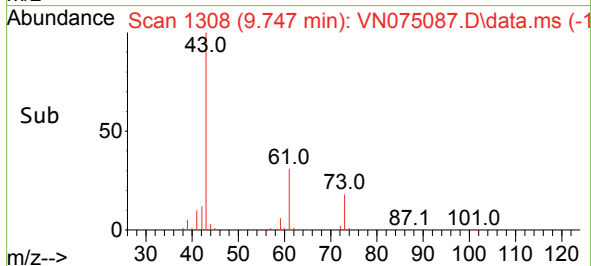
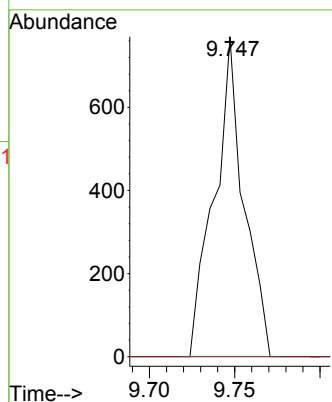
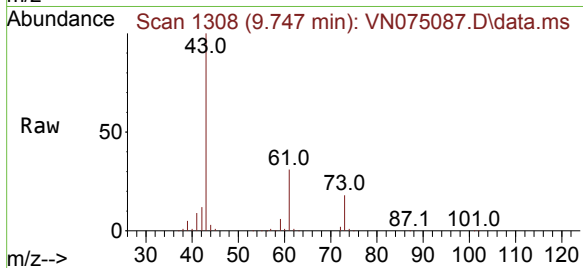
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Tgt Ion: 63 Resp: 930

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.600 ug/l

RT: 9.671 min Scan# 1295

Delta R.T. -0.011 min

Lab File: VN075087.D

Acq: 31 Oct 2022 15:23

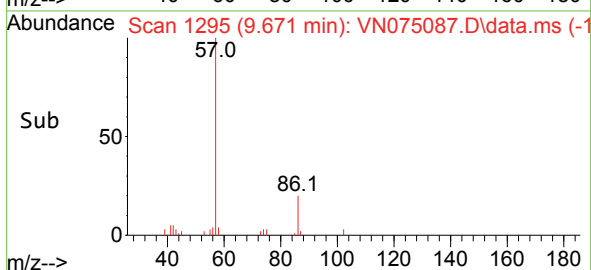
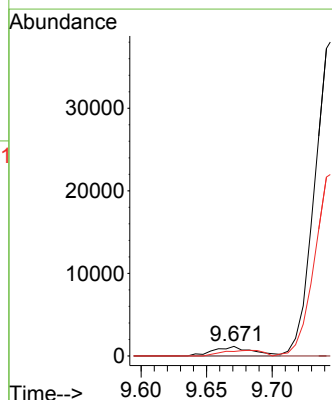
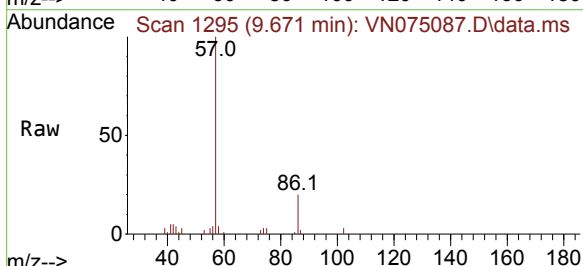
Tgt Ion: 41 Resp: 2377

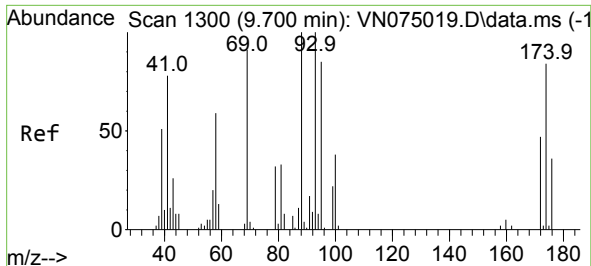
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 60.5 56.2 84.2





#49

1,4-Dioxane

Concen: 1.388 ug/l

RT: 9.741 min Scan# 1307

Delta R.T. 0.041 min

Lab File: VN075087.D

Acq: 31 Oct 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB148673TB

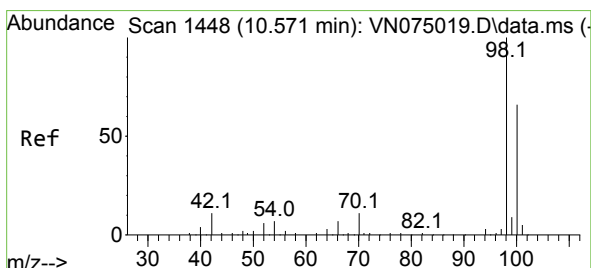
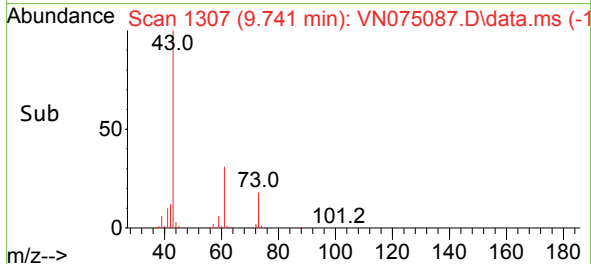
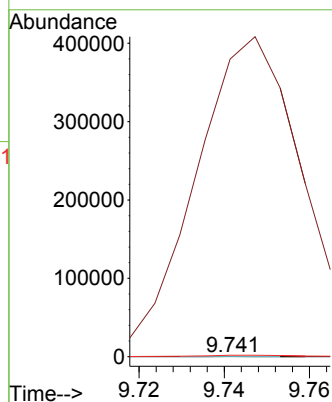
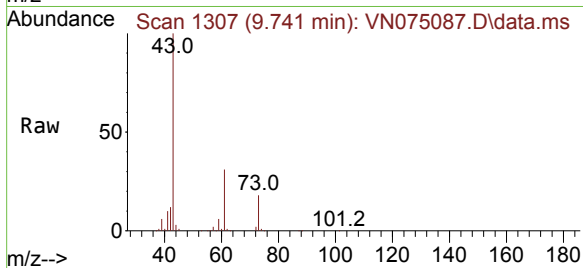
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

43 1355763.0 17.5 26.3#

58 5738.9 49.8 74.8#



#50

Toluene-d8

Concen: 55.019 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075087.D

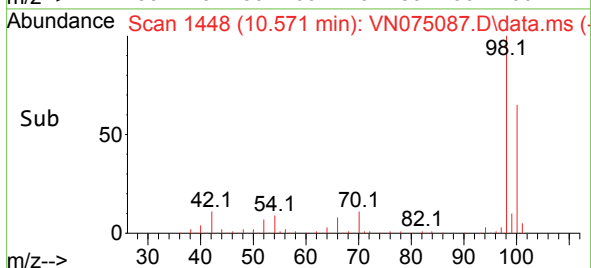
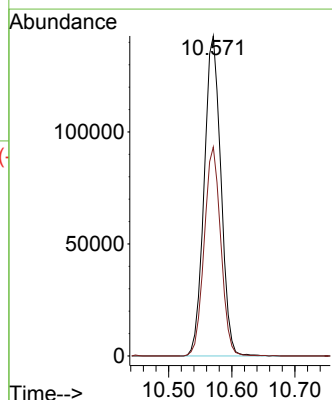
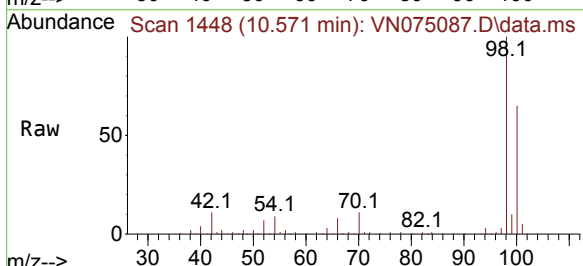
Acq: 31 Oct 2022 15:23

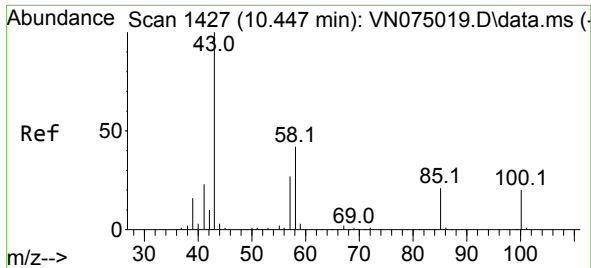
Tgt Ion: 98 Resp: 262547

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.6

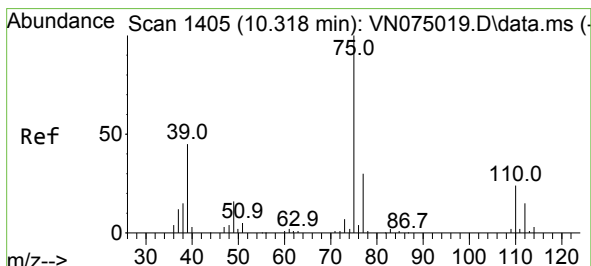
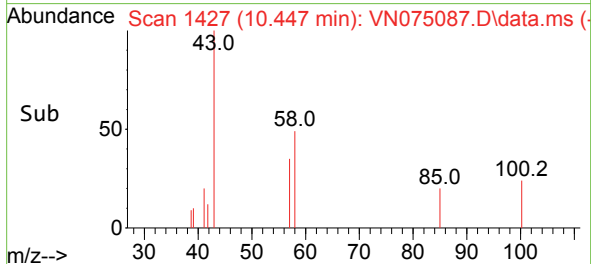
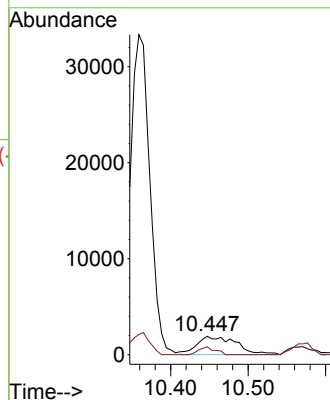
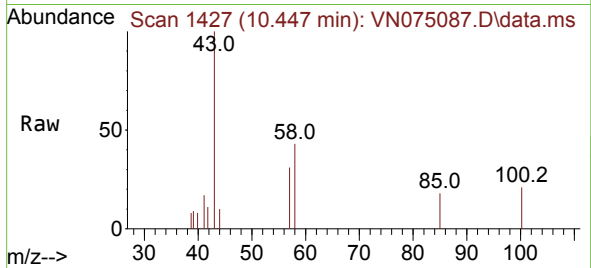




#51
4-Methyl-2-Pentanone
Concen: 3.236 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

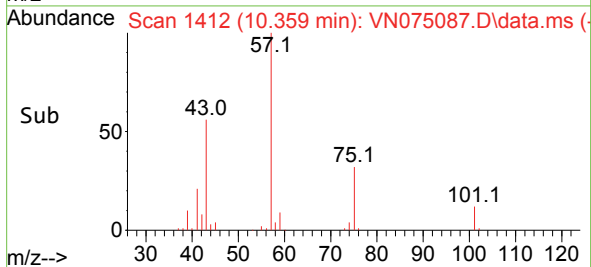
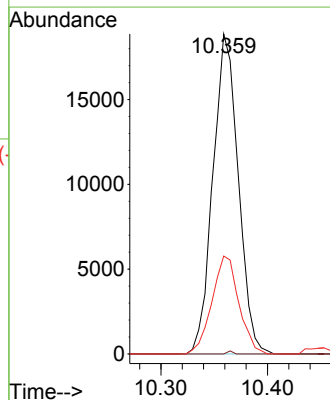
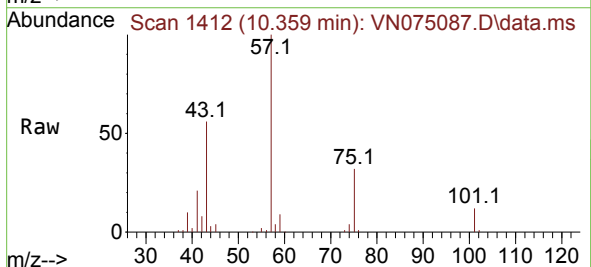
Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

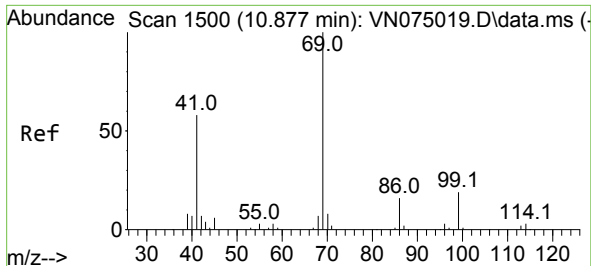
Tgt Ion: 43 Resp: 6764
Ion Ratio Lower Upper
43 100
58 17.9 33.6 50.4#



#54
cis-1,3-Dichloropropene
Concen: 13.292 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. 0.041 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 75 Resp: 31150
Ion Ratio Lower Upper
75 100
77 0.0 23.7 35.5#
39 30.6 35.8 53.6#

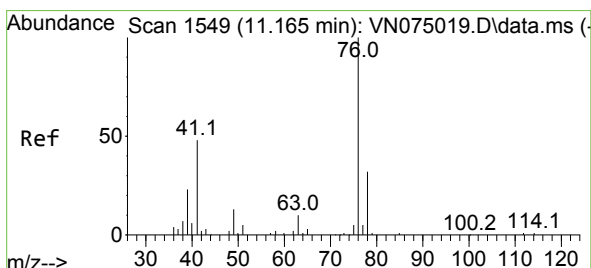
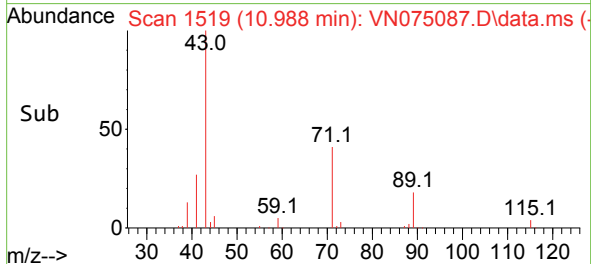
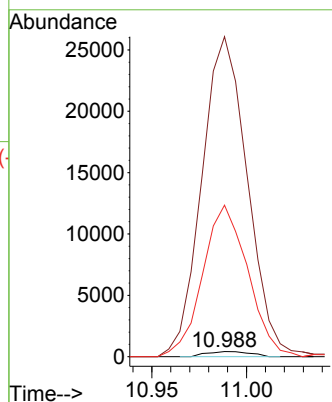
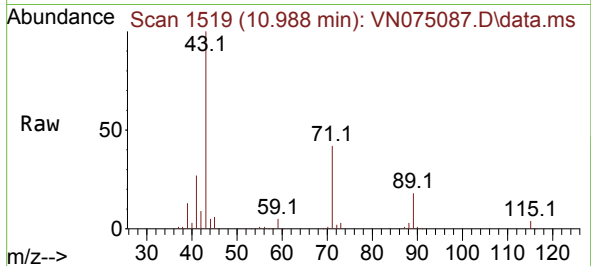




#56
Ethyl methacrylate
Concen: 0.287 ug/l
RT: 10.988 min Scan# 11
Delta R.T. 0.111 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

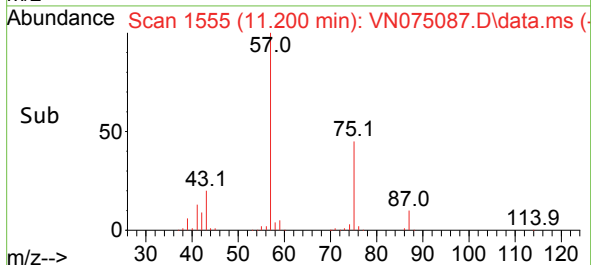
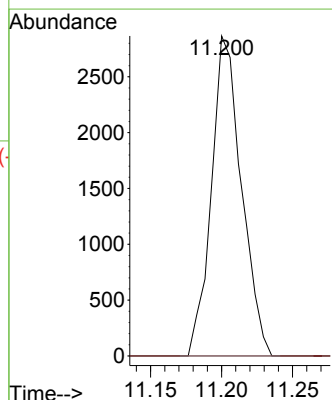
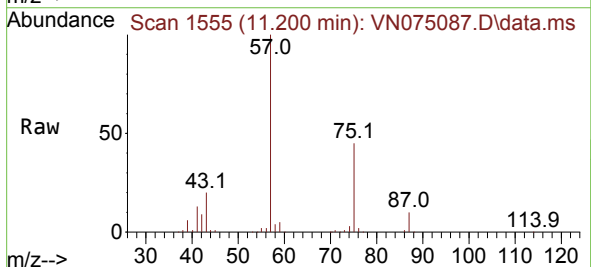
Instrument :
MSVOA_N
ClientSampleId :
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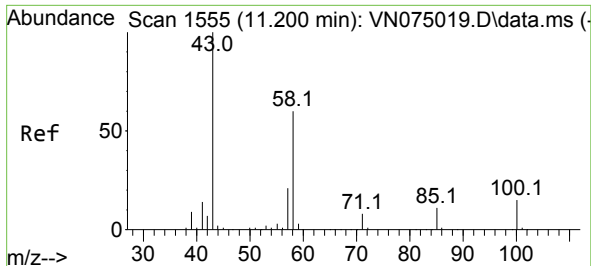
Tgt Ion: 69 Resp: 677
Ion Ratio Lower Upper
69 100
41 6482.7 45.6 68.4#
39 3040.0 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 1.637 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.035 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 76 Resp: 4214
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

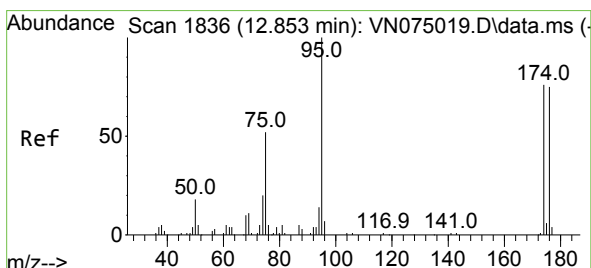
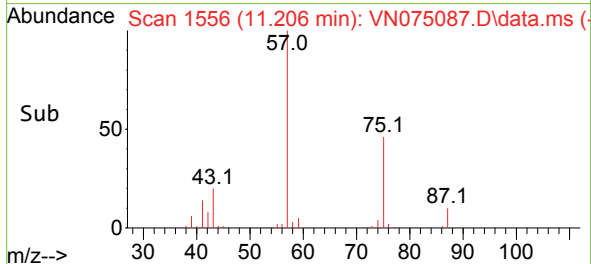
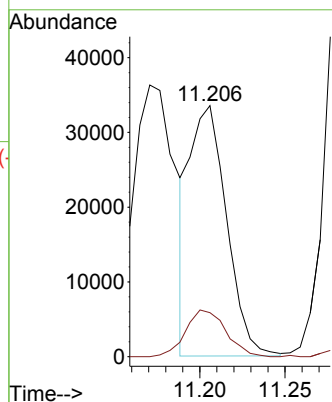
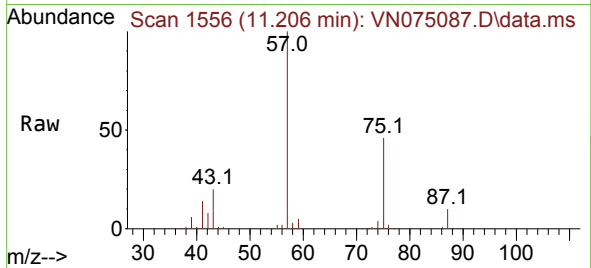




#59
2-Hexanone
Concen: 31.769 ug/l
RT: 11.206 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

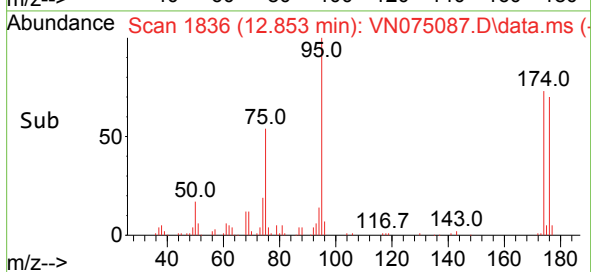
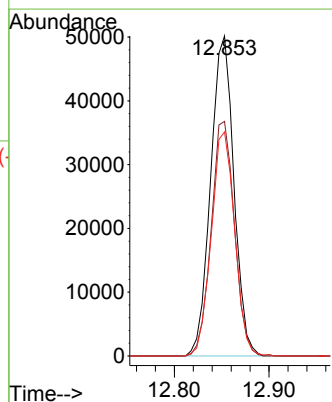
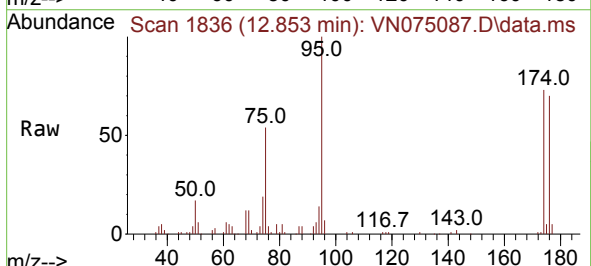
Instrument :
MSVOA_N
ClientSampleId :
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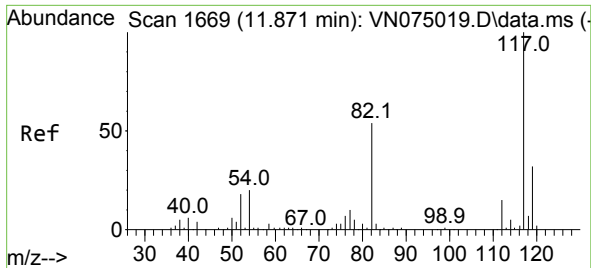
Tgt Ion: 43 Resp: 50400
Ion Ratio Lower Upper
43 100
58 20.3 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 50.934 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 95 Resp: 85380
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.4
176 70.5 0.0 142.2

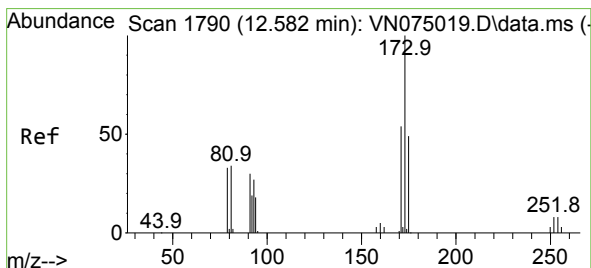
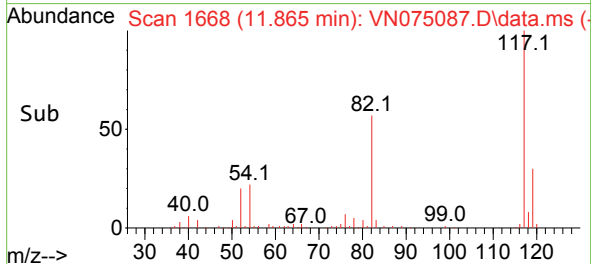
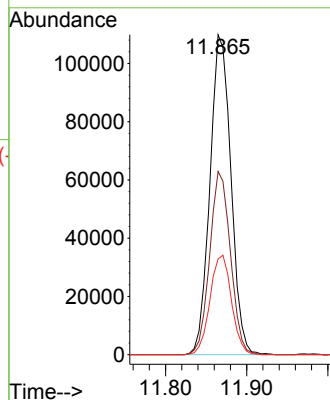
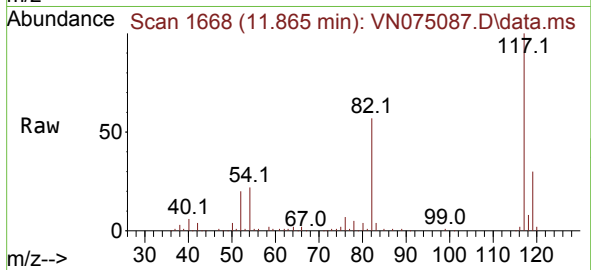




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

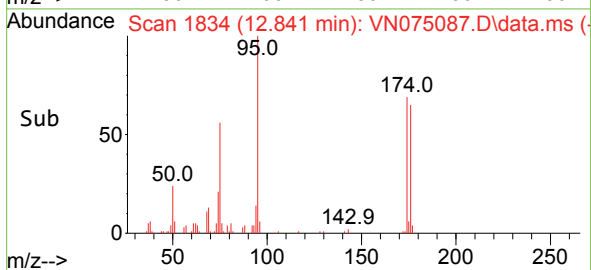
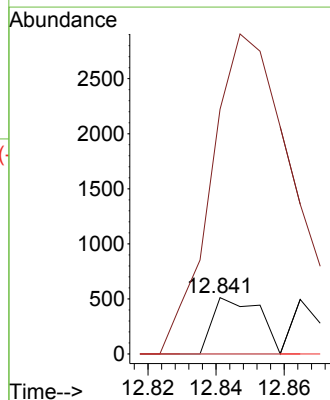
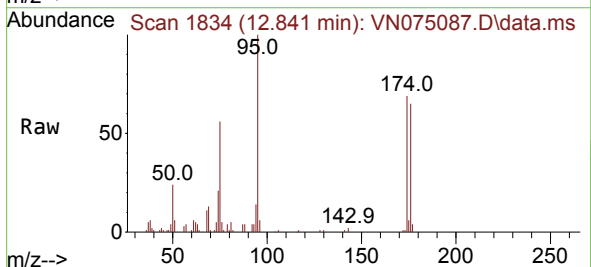
Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

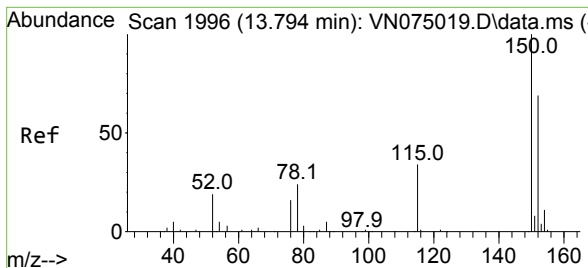
Tgt Ion:117 Resp: 197397
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 29.9 25.5 38.3



#71
Bromoform
Concen: 0.418 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.259 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion:173 Resp: 489
Ion Ratio Lower Upper
173 100
175 810.0 24.6 74.0#
254 0.0 0.0 0.0

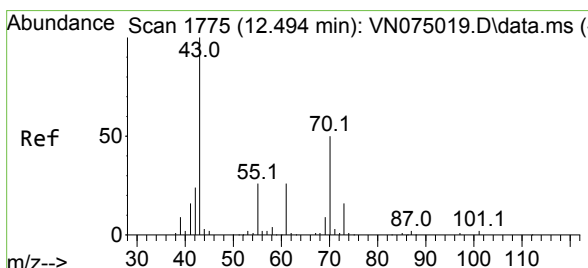
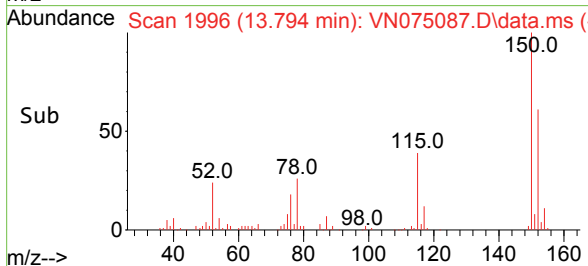
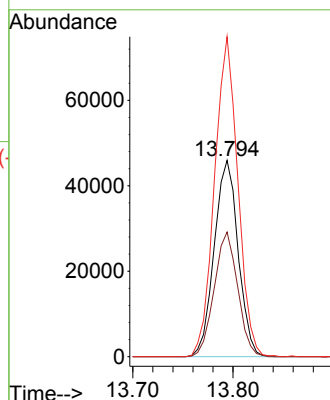
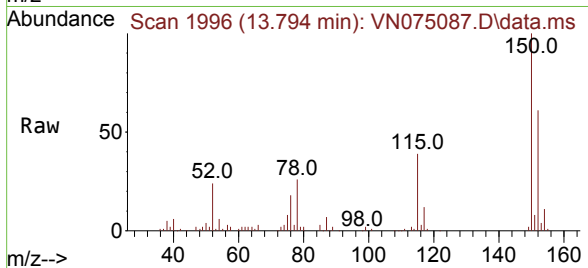




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

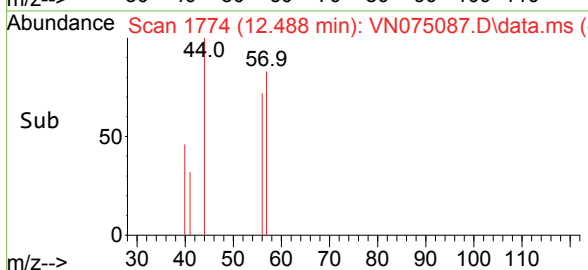
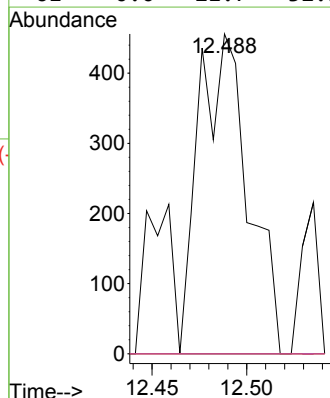
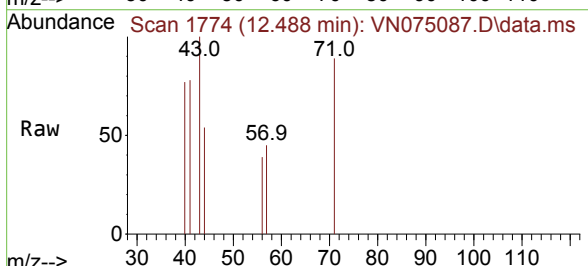
Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

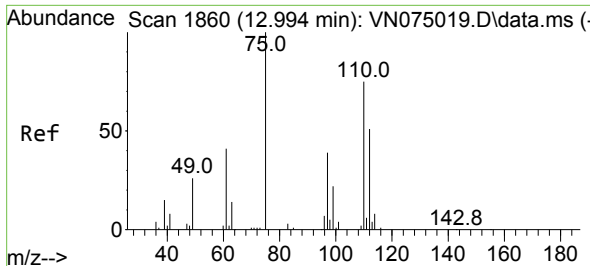
Tgt Ion:152 Resp: 76058
Ion Ratio Lower Upper
152 100
115 62.4 30.2 90.6
150 158.6 0.0 348.4



#74
N-ethyl acetate
Concen: 0.368 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 43 Resp: 831
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#

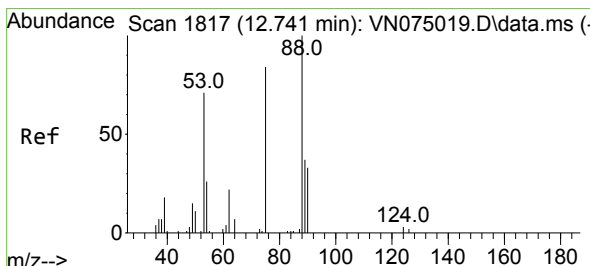
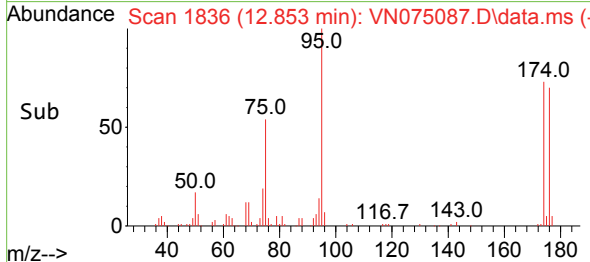
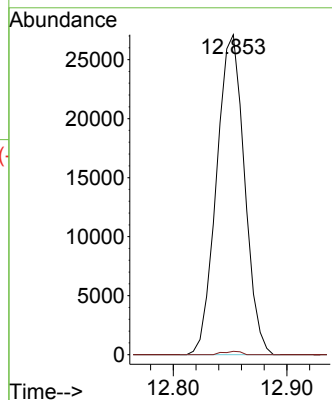
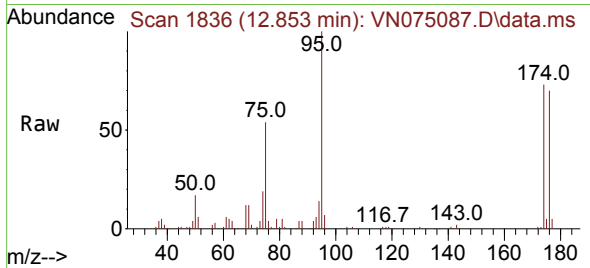




#76
1,2,3-Trichloropropane
Concen: 28.674 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Instrument :
MSVOA_N
ClientSampleId :
PB148673TB

Tgt Ion: 75 Resp: 46306
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.606 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075087.D
Acq: 31 Oct 2022 15:23

Tgt Ion: 75 Resp: 46306
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

