

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076118.D
 Acq On : 05 Jan 2023 18:04
 Operator : JC\MD
 Sample : 01046-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLE-API-3

Quant Time: Jan 05 23:51:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

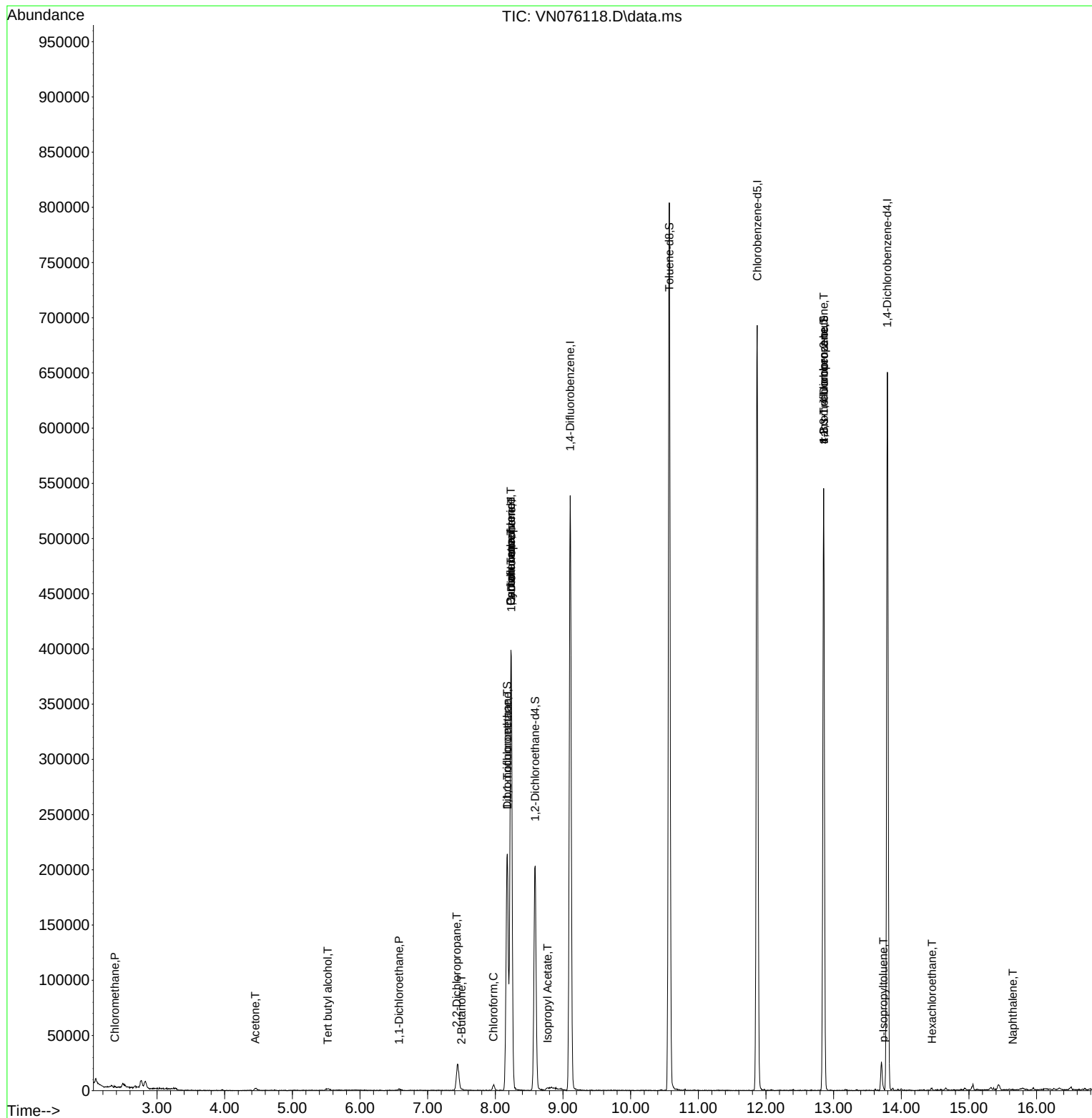
Internal Standards						
1) Pentafluorobenzene	8.229	168	309845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	496316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	428835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	164930	48.929	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	8.177	113	151640	49.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.570	98	566576	49.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.853	95	178040	46.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	605	0.221	ug/l #	40
11) Tert butyl alcohol	5.524	59	1057	2.216	ug/l #	72
16) Acetone	4.453	43	3972	3.418	ug/l	94
20) Methylene Chloride	5.288	84	70	Below Cal	#	12
24) 1,1-Dichloroethane	6.577	63	2202	0.423	ug/l #	81
25) 2-Butanone	7.500	43	379	0.233	ug/l #	40
26) 2,2-Dichloropropane	7.430	77	967	0.220	ug/l #	50
30) Chloroform	7.971	83	4952	0.846	ug/l	95
31) Cyclohexane	8.229	56	6598	1.367	ug/l #	22
32) 1,1,1-Trichloroethane	8.177	97	2202	0.424	ug/l #	50
36) 1,1-Dichloropropene	8.235	75	22352	5.474	ug/l #	50
38) Carbon Tetrachloride	8.229	117	31179	6.823	ug/l #	17
43) Isopropyl Acetate	8.771	43	1823	0.337	ug/l #	50
76) 1,2,3-Trichloropropane	12.853	75	91873	24.890	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	91873	89.592	ug/l #	12
86) p-Isopropyltoluene	13.735	119	2789	0.249	ug/l #	77
90) Hexachloroethane	14.453	117	1371	0.683	ug/l #	11
95) Naphthalene	15.647	128	722	2.247	ug/l #	69

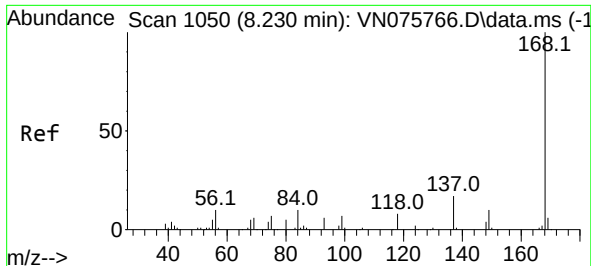
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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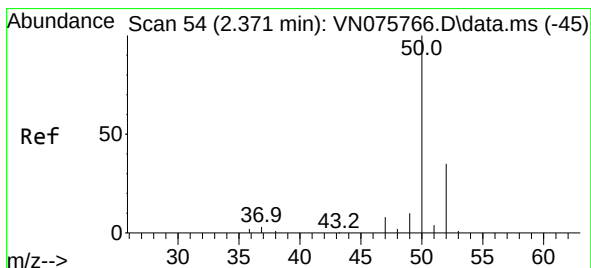
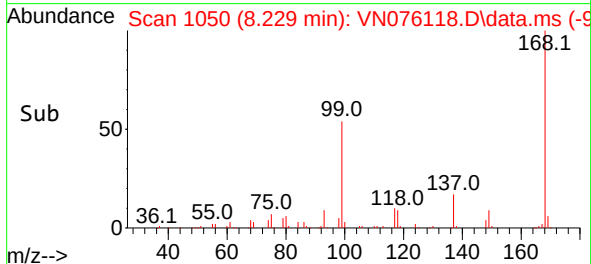
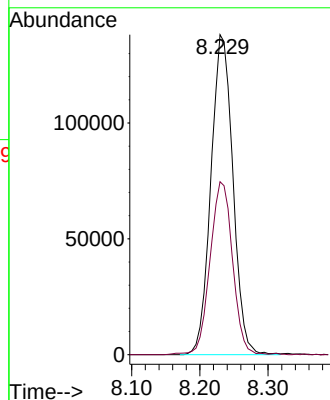
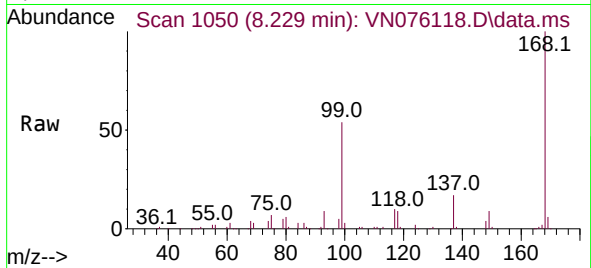




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

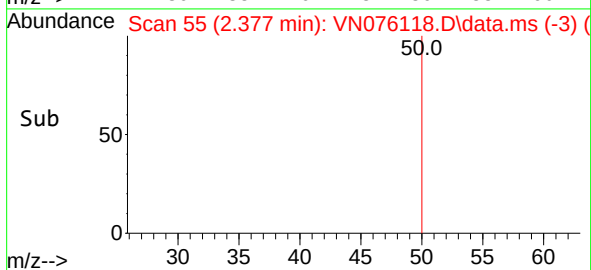
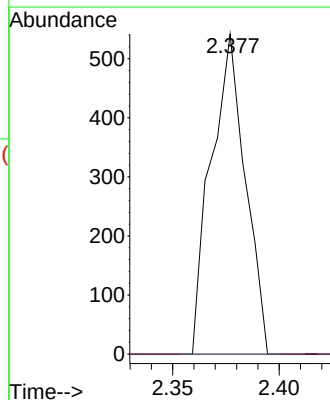
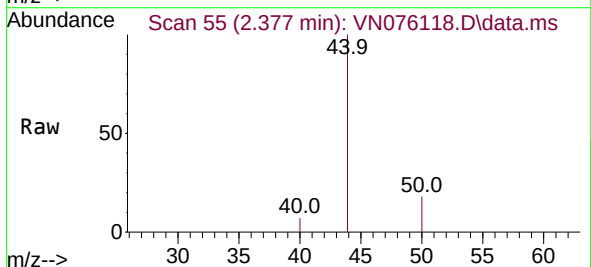
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

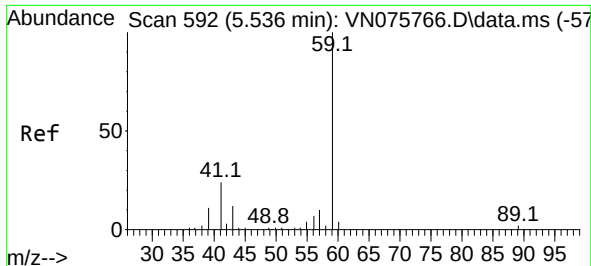
Tgt Ion:168 Resp: 309845
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#3
Chloromethane
Concen: 0.221 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion: 50 Resp: 605
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#

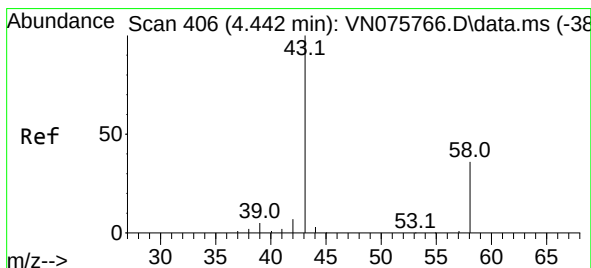
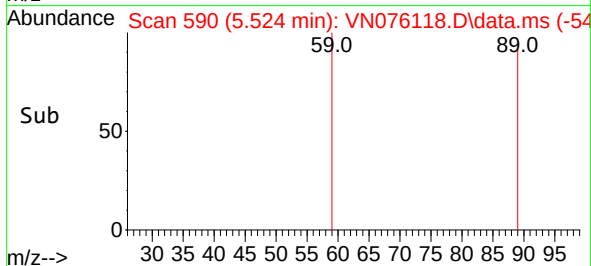
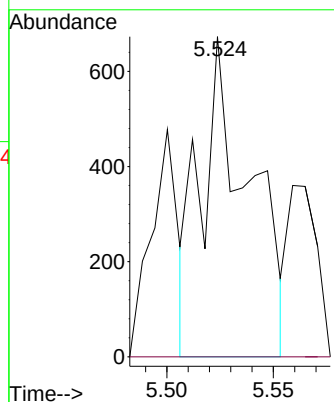
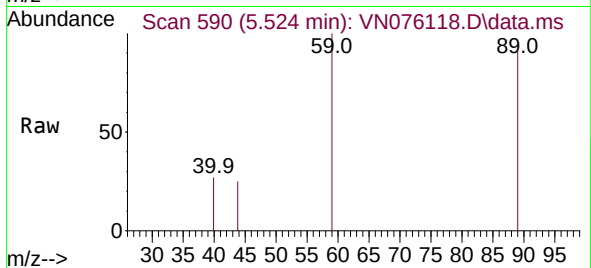




#11
Tert butyl alcohol
Concen: 2.216 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.012 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

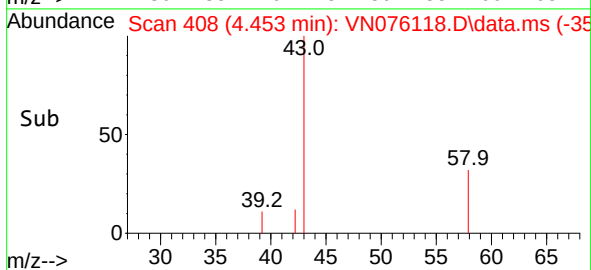
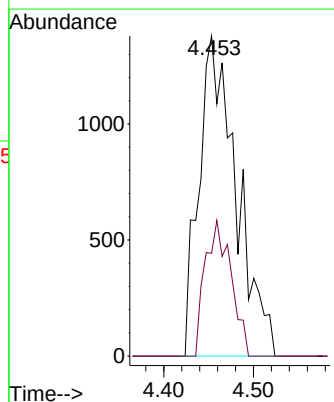
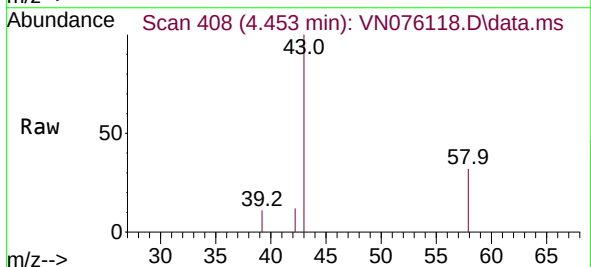
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

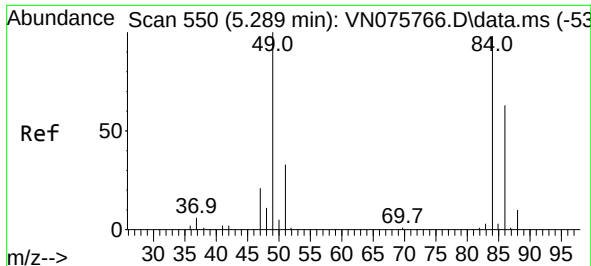
Tgt Ion: 59 Resp: 1057
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 3.418 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

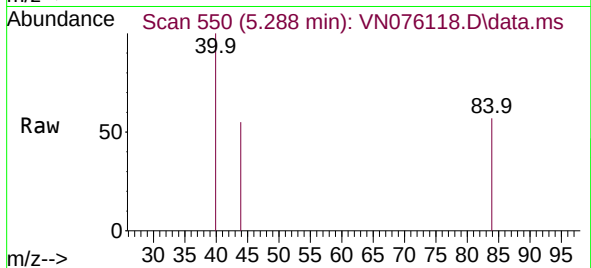
Tgt Ion: 43 Resp: 3972
Ion Ratio Lower Upper
43 100
58 32.1 28.6 43.0



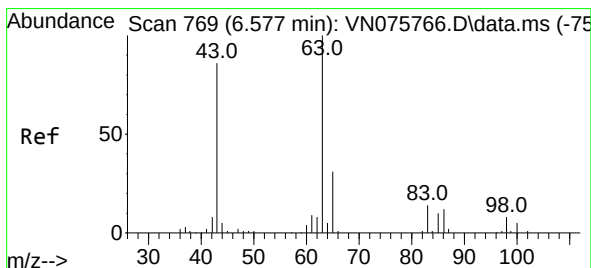
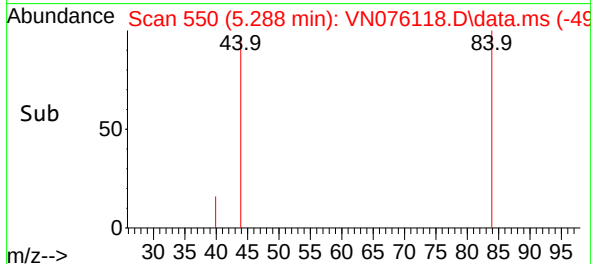
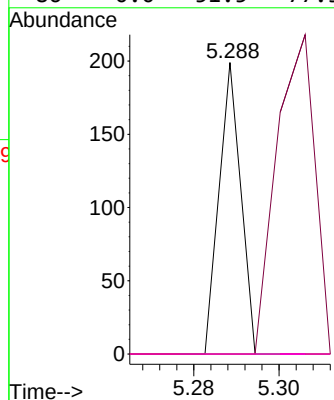


#20
Methylene Chloride
Concen: Below Cal
RT: 5.288 min Scan# 511
Delta R.T. -0.001 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

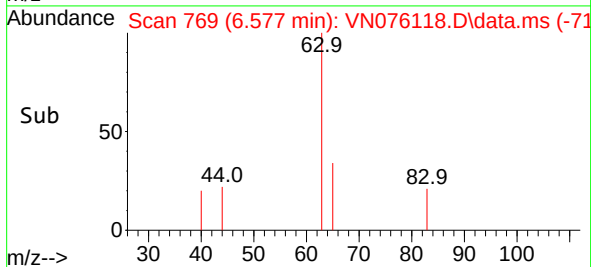
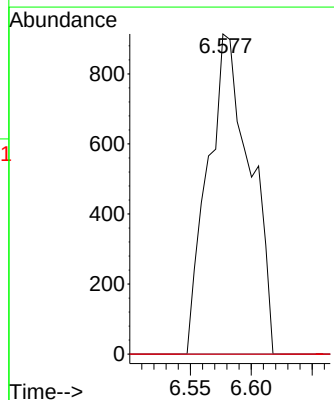
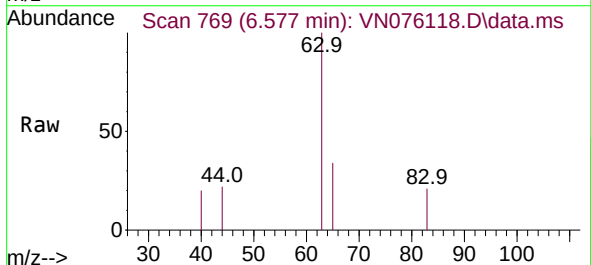


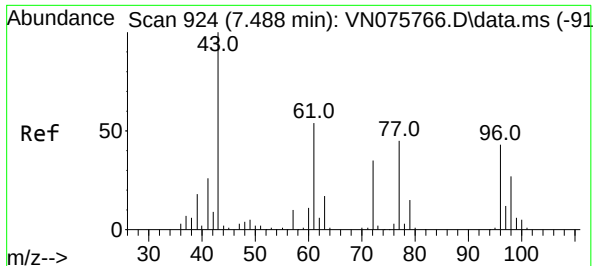
Tgt Ion:	84	Resp:	70
Ion	Ratio	Lower	Upper
84	100		
49	0.0	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#24
1,1-Dichloroethane
Concen: 0.423 ug/l
RT: 6.577 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion:	63	Resp:	2202
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.5#
100	0.0	2.5	7.6#





#25

2-Butanone

Concen: 0.233 ug/l

RT: 7.500 min Scan# 914

Delta R.T. 0.012 min

Lab File: VN076118.D

Acq: 05 Jan 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

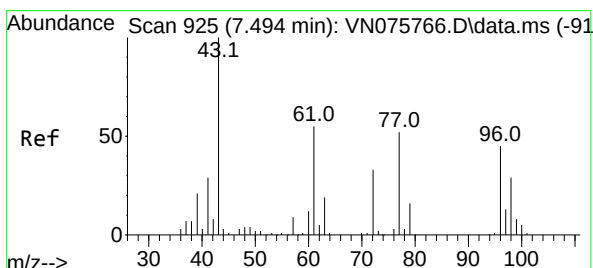
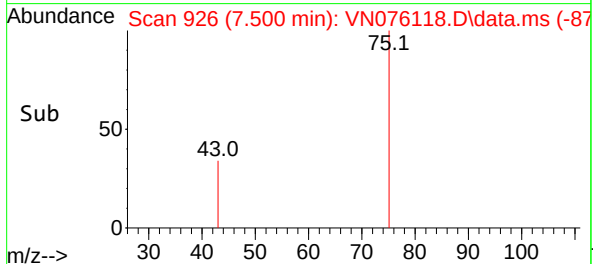
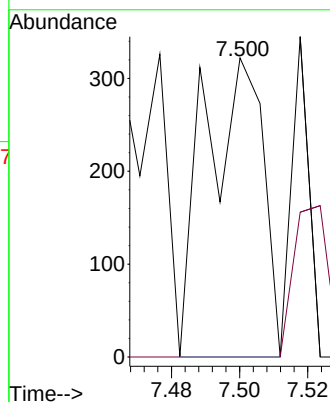
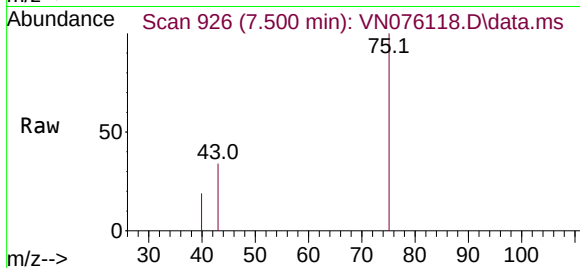
COMP-SAMPLE-API-3

Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

43 100

72 0.0 28.0 42.0#



#26

2,2-Dichloropropane

Concen: 0.220 ug/l

RT: 7.430 min Scan# 914

Delta R.T. -0.065 min

Lab File: VN076118.D

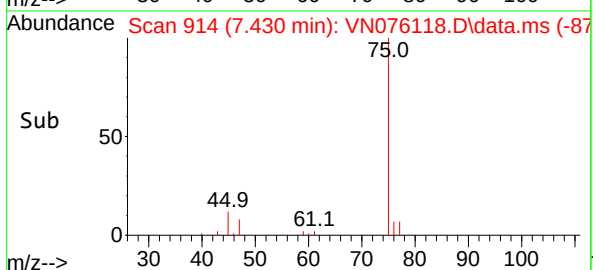
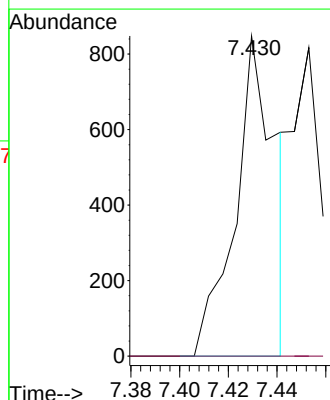
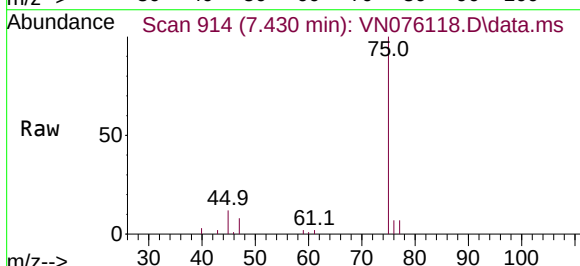
Acq: 05 Jan 2023 18:04

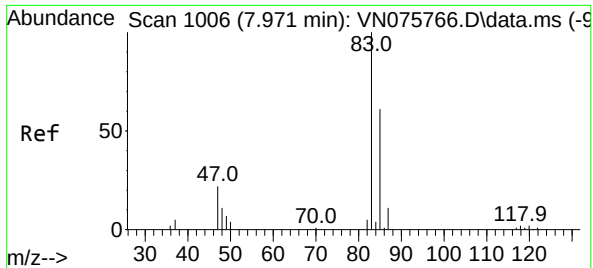
Tgt Ion: 77 Resp: 967

Ion Ratio Lower Upper

77 100

97 0.0 12.7 38.0#

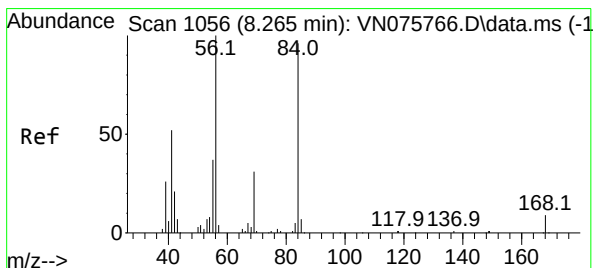
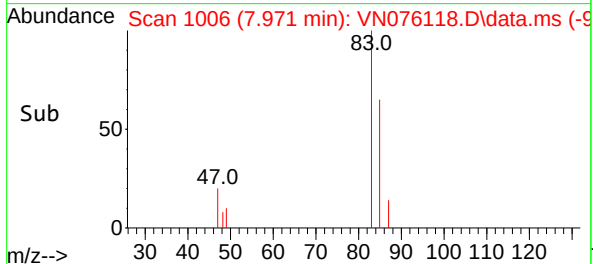
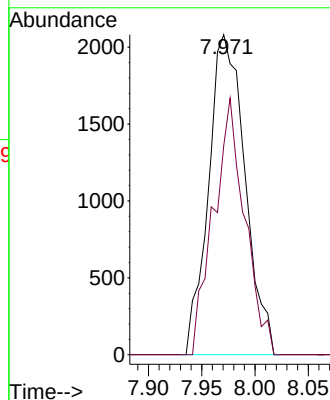
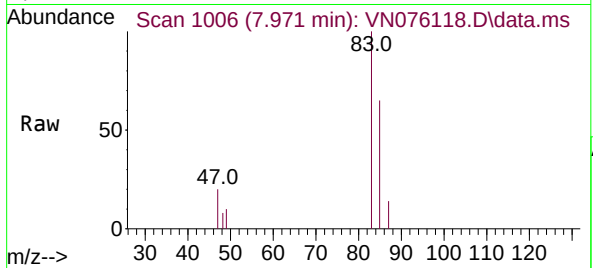




#30
Chloroform
Concen: 0.846 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

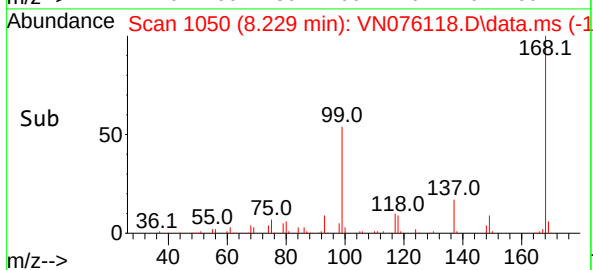
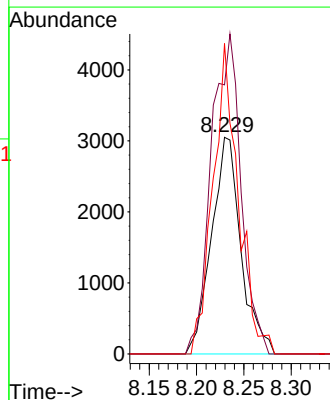
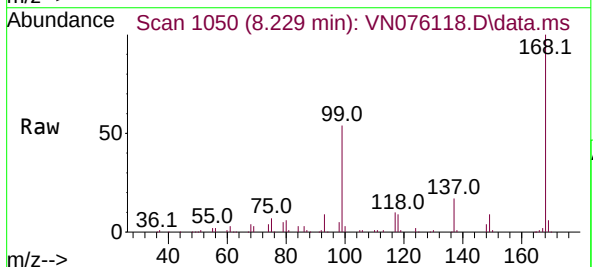
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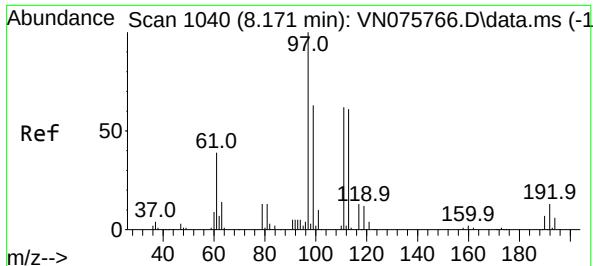
Tgt Ion: 83 Resp: 4952
Ion Ratio Lower Upper
83 100
85 65.3 49.1 73.7



#31
Cyclohexane
Concen: 1.367 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion: 56 Resp: 6598
Ion Ratio Lower Upper
56 100
69 124.2 24.7 37.1#
84 143.2 76.5 114.7#





#32

1,1,1-Trichloroethane

Concen: 0.424 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076118.D

Acq: 05 Jan 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-API-3

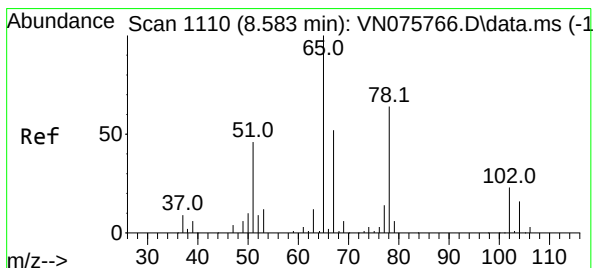
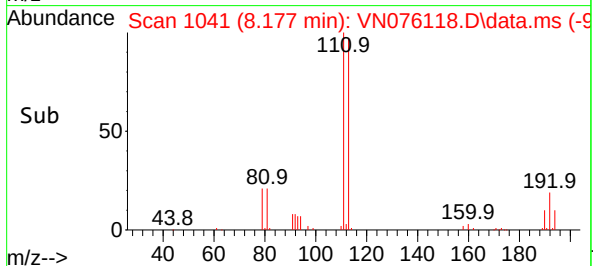
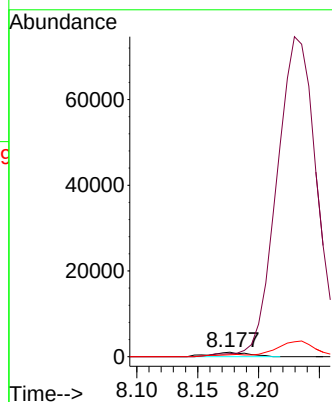
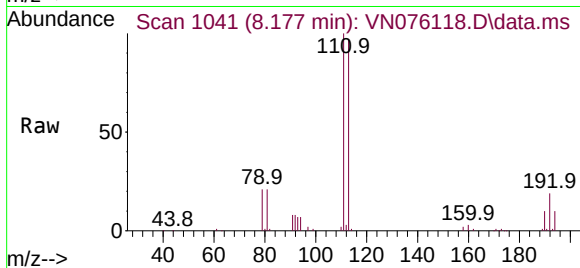
Tgt Ion: 97 Resp: 2202

Ion Ratio Lower Upper

97 100

99 0.0 50.2 75.2#

61 40.4 34.5 51.7



#33

1,2-Dichloroethane-d4

Concen: 48.929 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076118.D

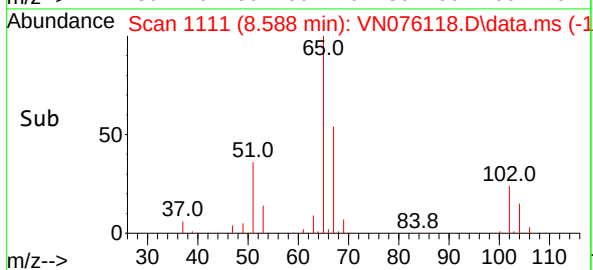
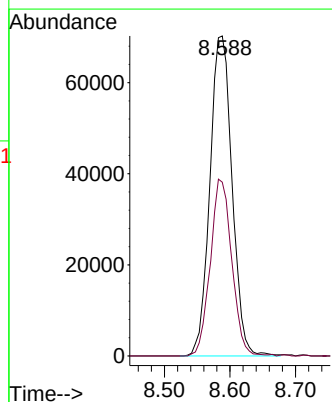
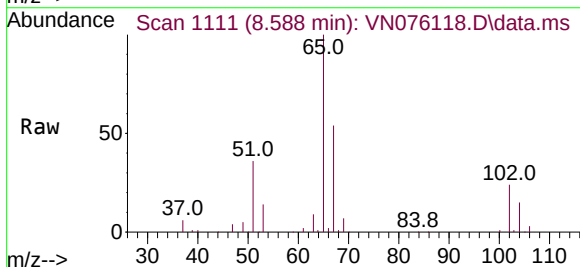
Acq: 05 Jan 2023 18:04

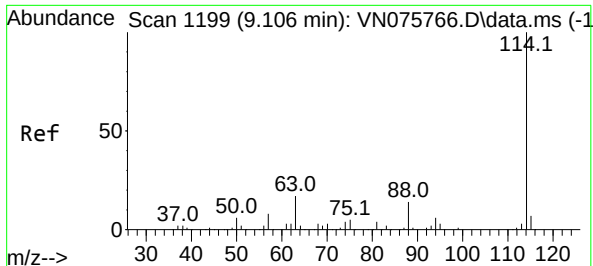
Tgt Ion: 65 Resp: 164930

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076118.D

Acq: 05 Jan 2023 18:04

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COMP-SAMPLE-API-3

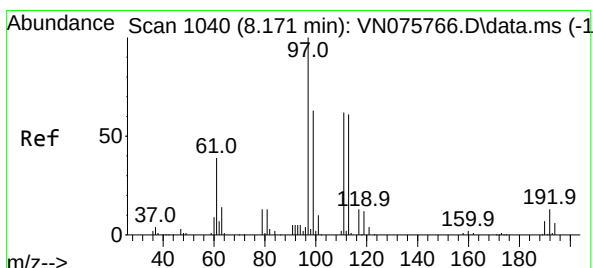
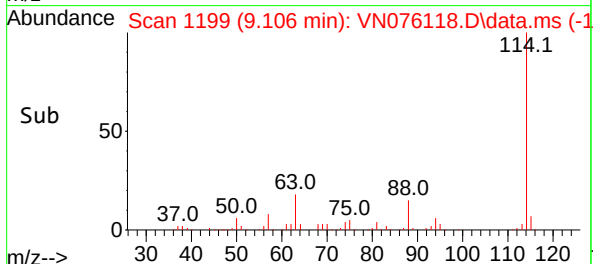
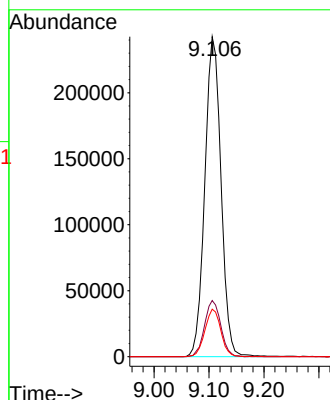
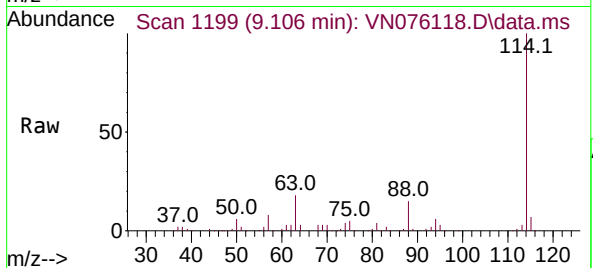
Tgt Ion:114 Resp: 496316

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076118.D

Acq: 05 Jan 2023 18:04

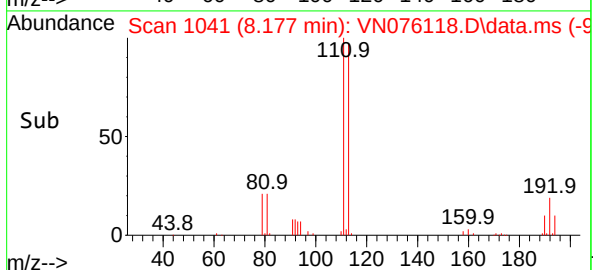
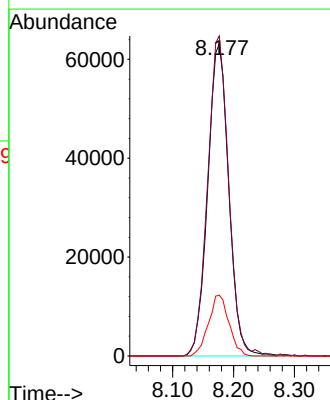
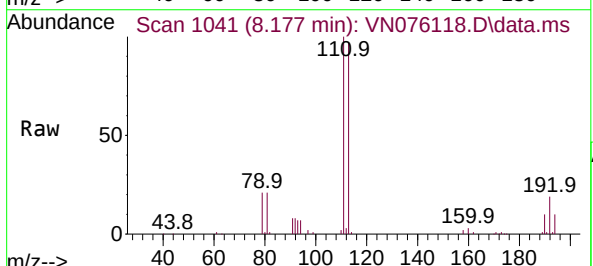
Tgt Ion:113 Resp: 151640

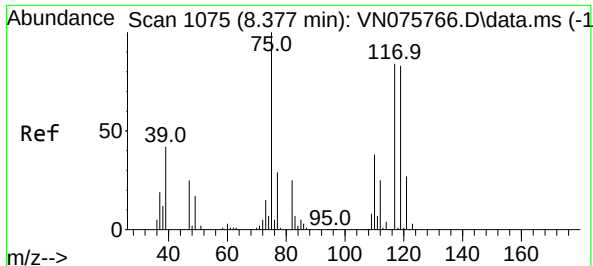
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 19.0 16.1 24.1

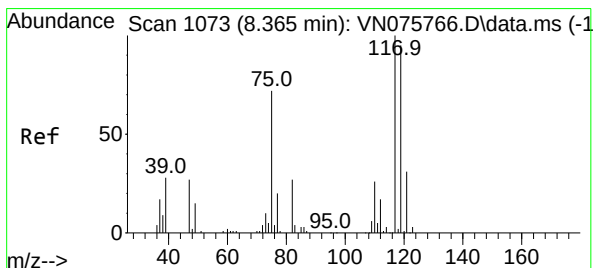
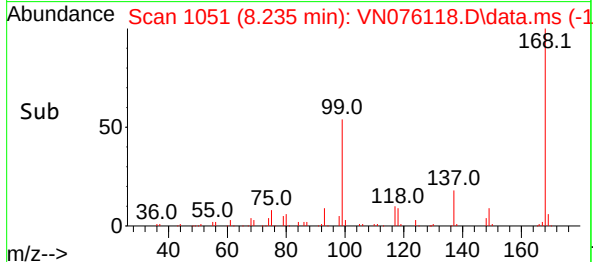
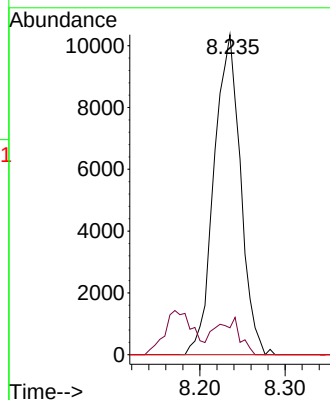
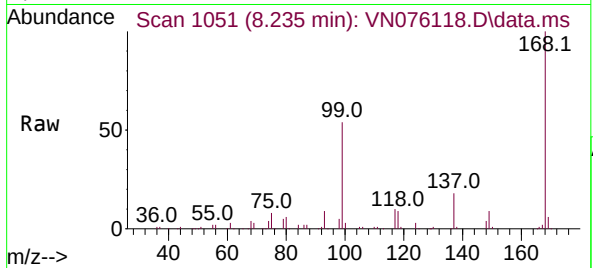




#36
1,1-Dichloropropene
Concen: 5.474 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

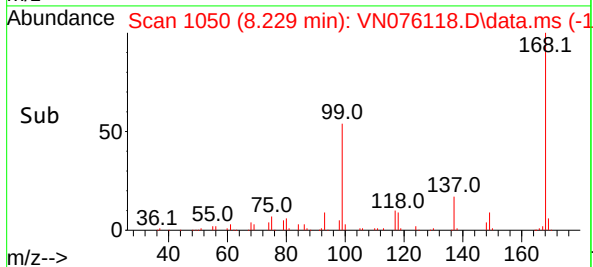
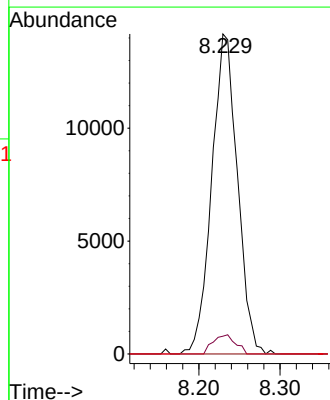
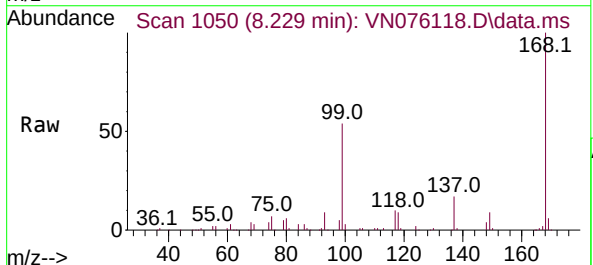
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

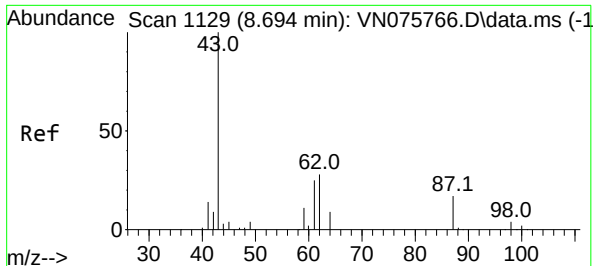
Tgt Ion: 75 Resp: 22352
Ion Ratio Lower Upper
75 100
110 10.6 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.823 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion: 117 Resp: 31179
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.5 36.7#

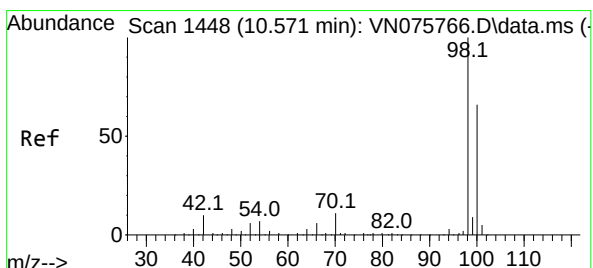
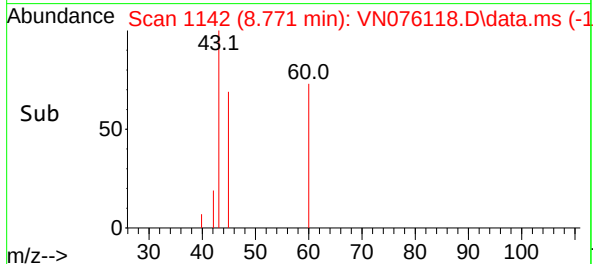
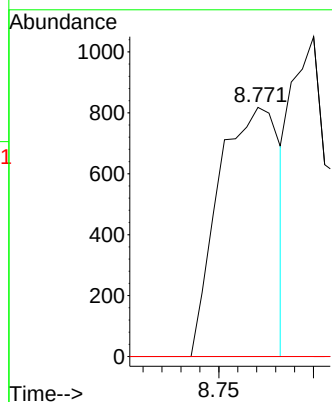
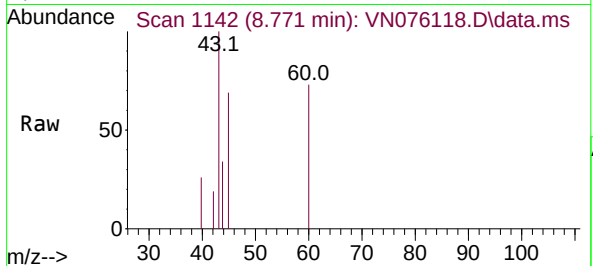




#43
Isopropyl Acetate
Concen: 0.337 ug/l
RT: 8.771 min Scan# 1142
Delta R.T. 0.076 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

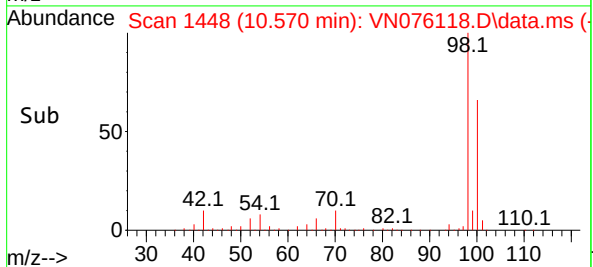
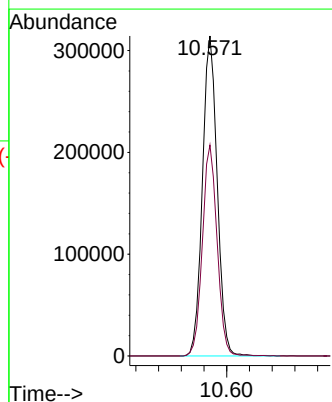
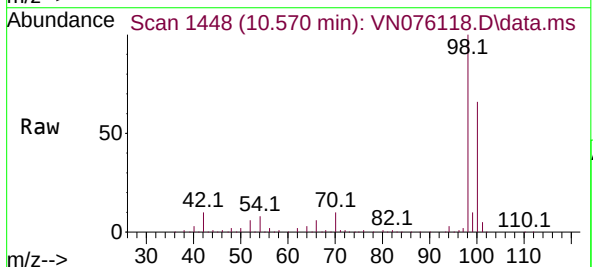
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

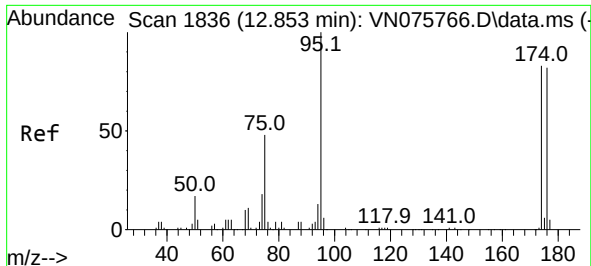
Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#



#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion: 98 Resp: 566576
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

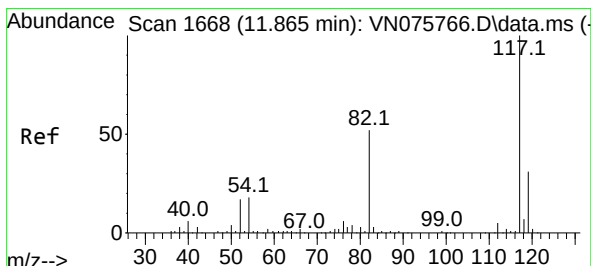
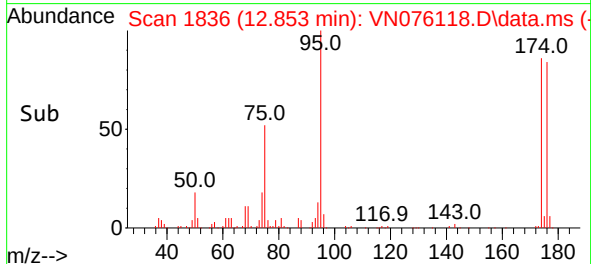
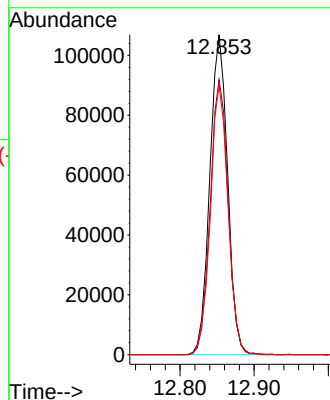
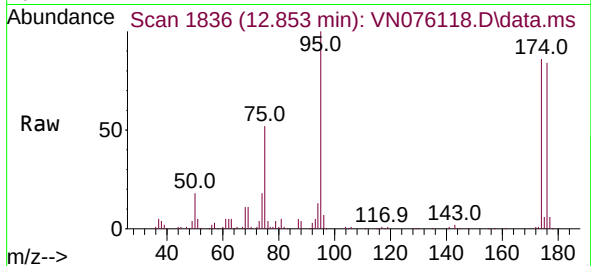




#62
4-Bromofluorobenzene
Concen: 46.776 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

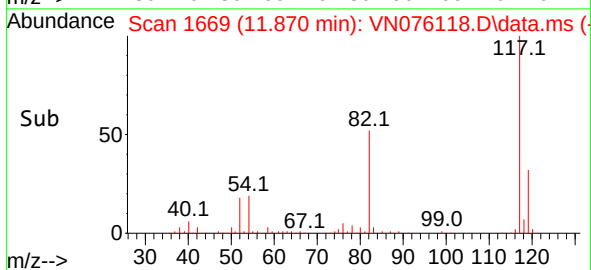
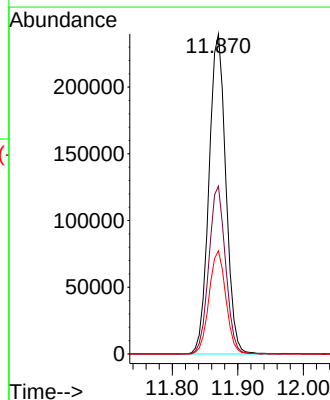
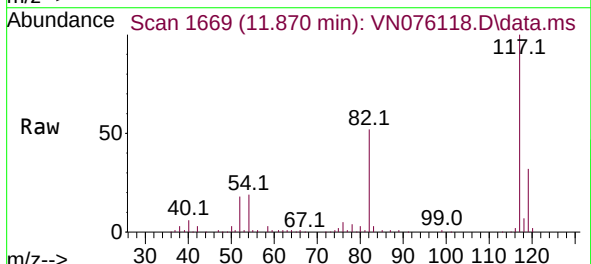
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

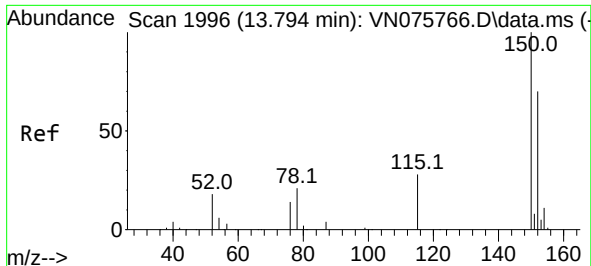
Tgt Ion: 95 Resp: 178040
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion: 117 Resp: 428835
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.3 24.6 37.0

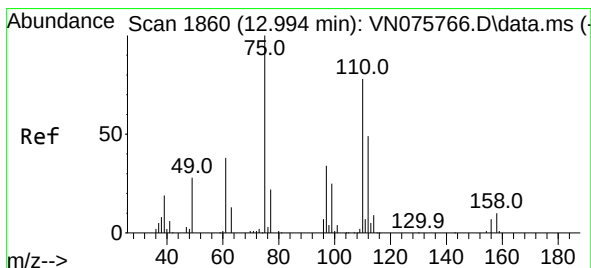
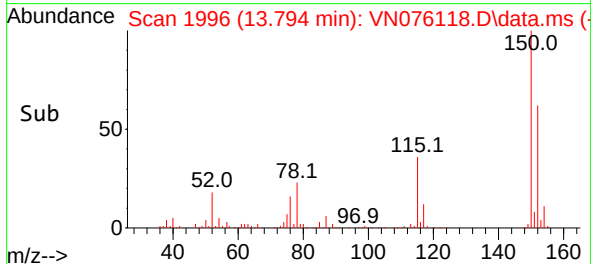
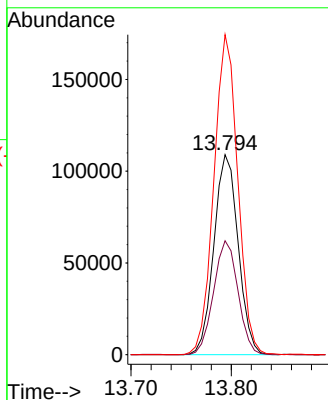
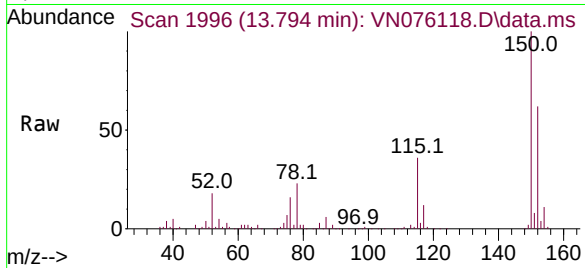




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076118.D
 Acq: 05 Jan 2023 18:04

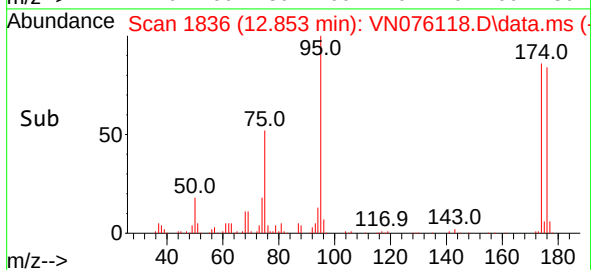
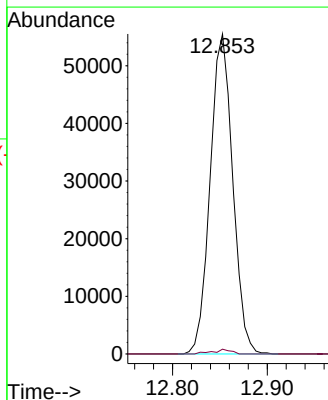
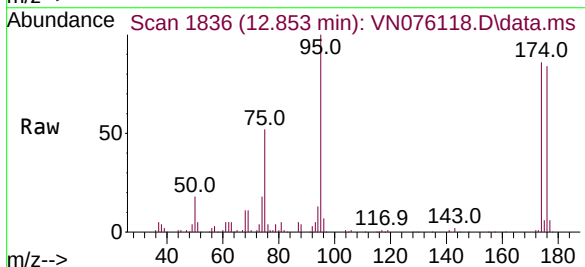
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLE-API-3

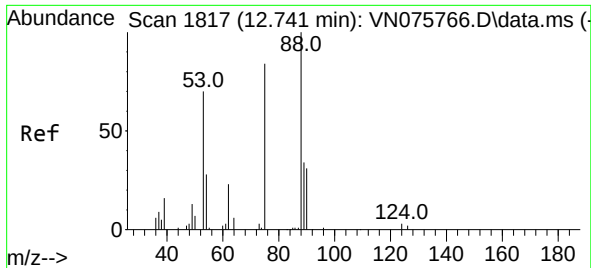
Tgt Ion:152 Resp: 183114
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.1 87.4
 150 157.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 24.890 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076118.D
 Acq: 05 Jan 2023 18:04

Tgt Ion: 75 Resp: 91873
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

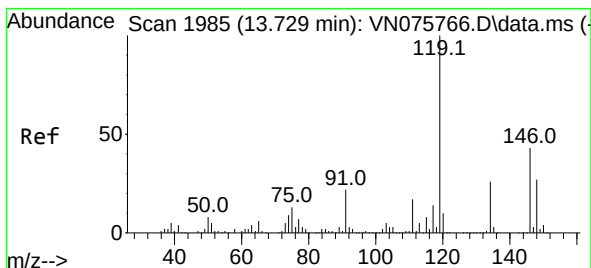
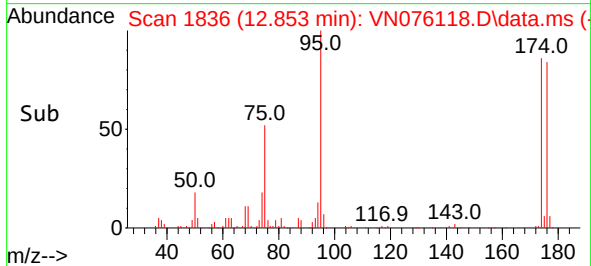
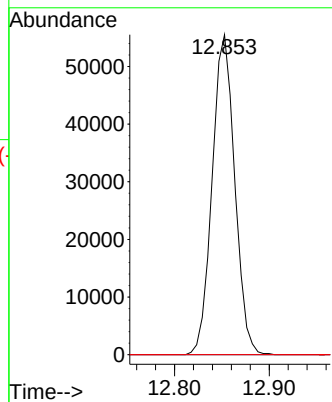
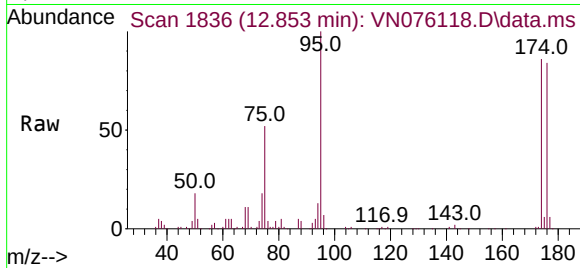




#81
trans-1,4-Dichloro-2-butene
Concen: 89.592 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

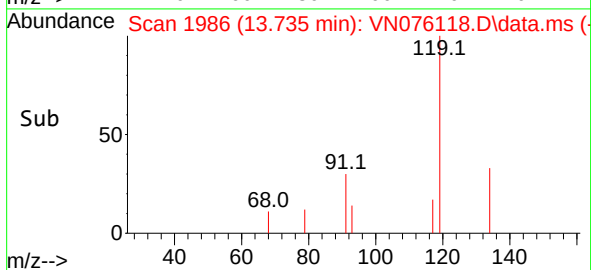
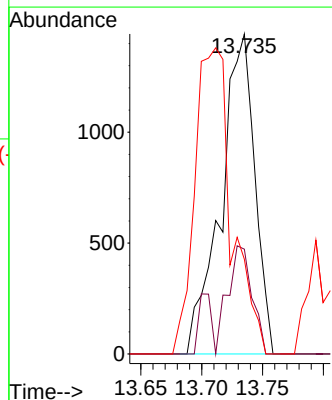
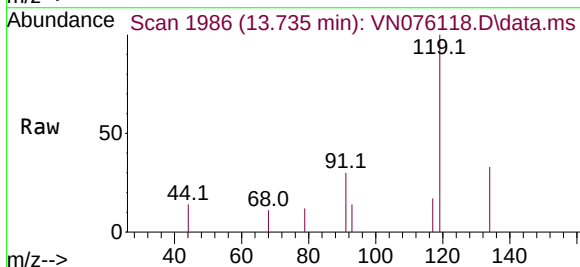
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

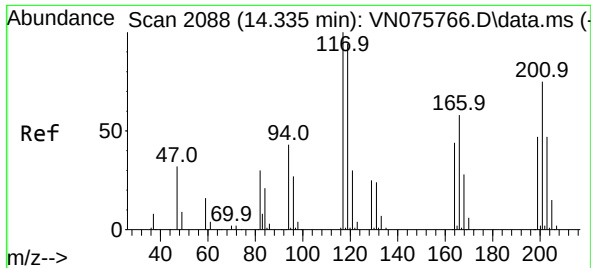
Tgt Ion: 75 Resp: 91873
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#86
p-Isopropyltoluene
Concen: 0.249 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion: 119 Resp: 2789
Ion Ratio Lower Upper
119 100
134 24.4 13.0 39.0
91 0.0 11.2 33.6#

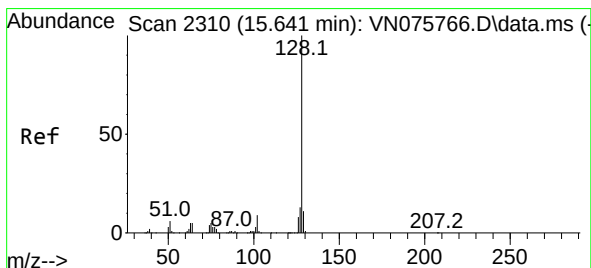
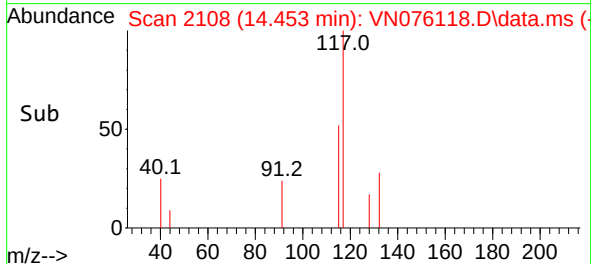
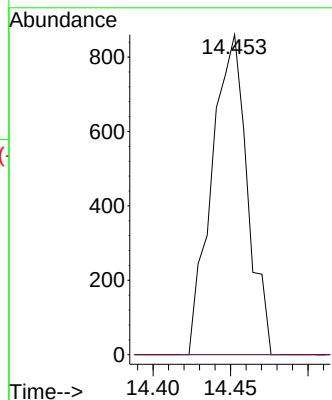
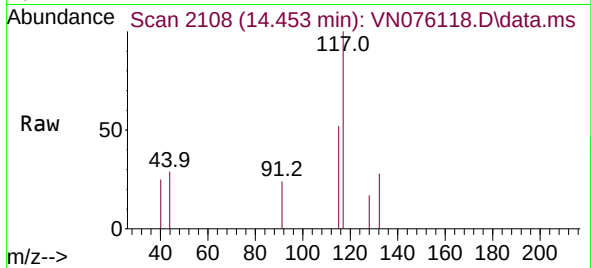




#90
Hexachloroethane
Concen: 0.683 ug/l
RT: 14.453 min Scan# 2108
Delta R.T. 0.118 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

Tgt Ion:117 Resp: 1371
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.1#



#95
Naphthalene
Concen: 2.247 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion:128 Resp: 722
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

