

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072169.D
 Acq On : 22 Apr 2022 20:12
 Operator : JC\MD
 Sample : N2524-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 03:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

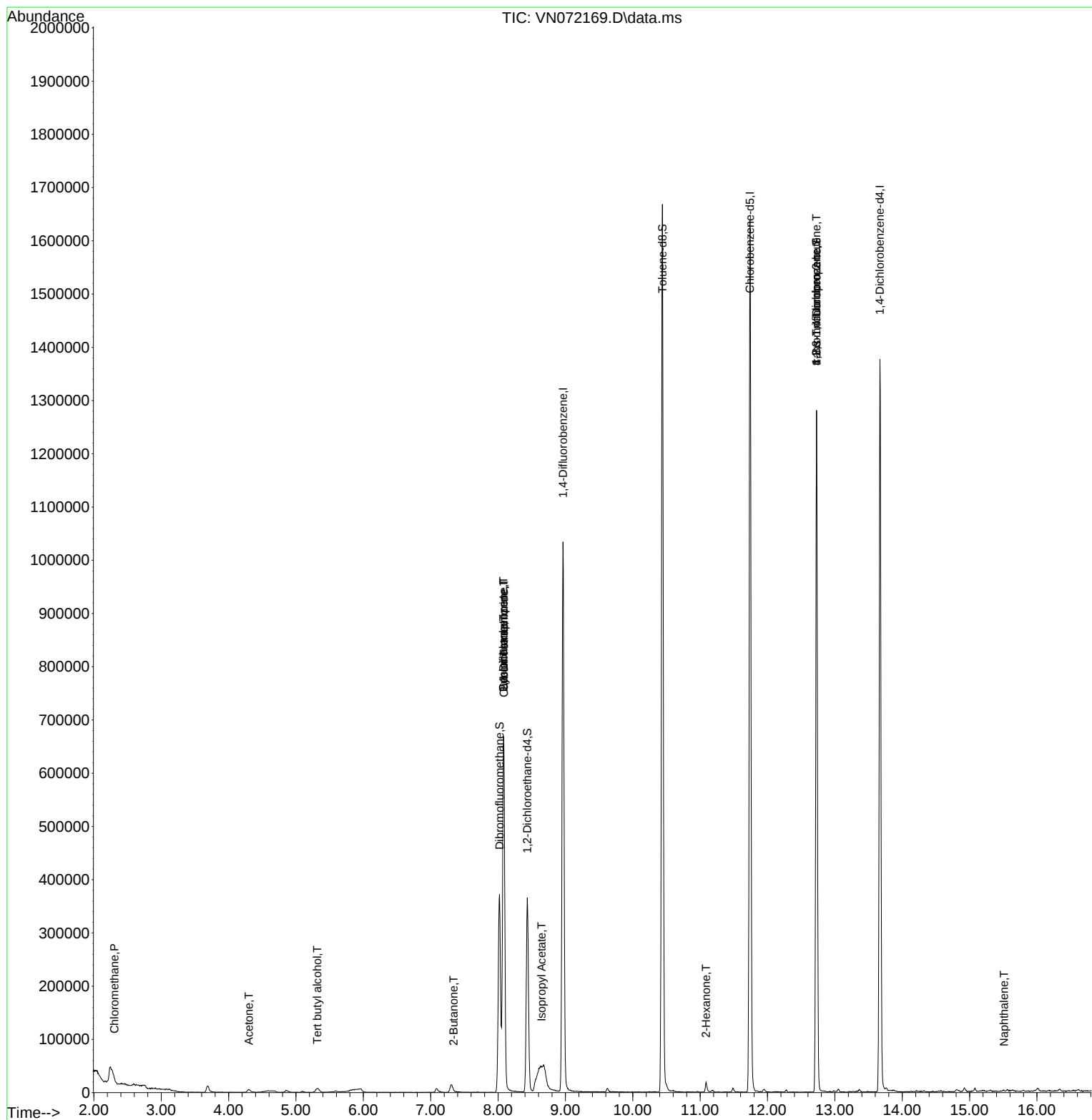
Internal Standards						
1) Pentafluorobenzene	8.080	168	577578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	992645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1060745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	423110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	300660	45.598	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.200%
35) Dibromofluoromethane	8.022	113	276470	47.331	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.660%
50) Toluene-d8	10.439	98	1232780	51.592	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.727	95	452501	58.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1592	0.274	ug/l #	81
11) Tert butyl alcohol	5.316	59	8061	7.533	ug/l #	72
16) Acetone	4.298	43	7237	2.568	ug/l #	82
18) Methyl Acetate	4.857	43	7577	Below Cal		92
25) 2-Butanone	7.339	43	1390	0.342	ug/l	92
31) Cyclohexane	8.080	56	8492	0.947	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	36890	4.523	ug/l #	48
38) Carbon Tetrachloride	8.086	117	49999	6.254	ug/l #	17
43) Isopropyl Acetate	8.645	43	92724	6.244	ug/l #	54
59) 2-Hexanone	11.086	43	3585	0.596	ug/l #	43
76) 1,2,3-Trichloropropane	12.727	75	213359	21.768	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	213359	67.457	ug/l #	10
95) Naphthalene	15.509	128	3020	3.948	ug/l #	84

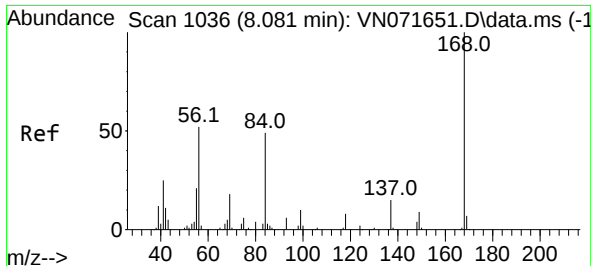
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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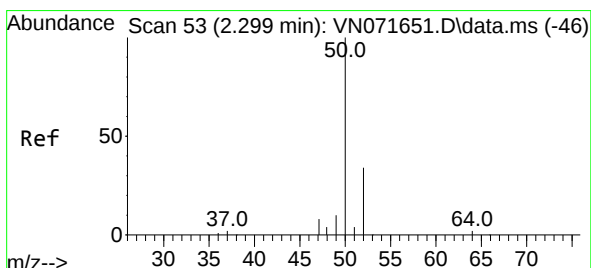
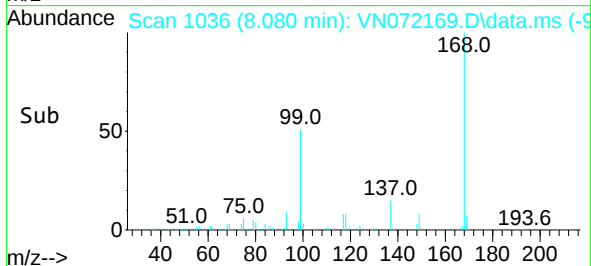
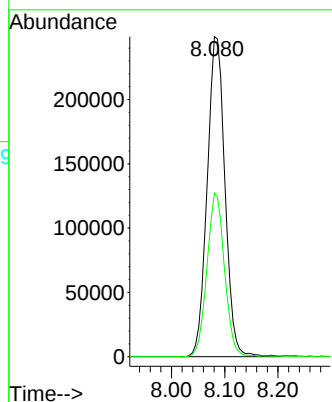
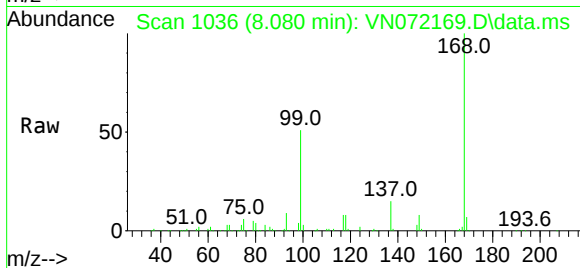




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

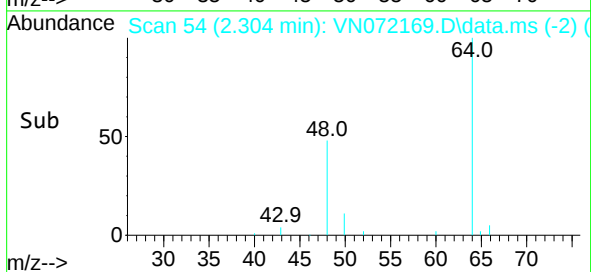
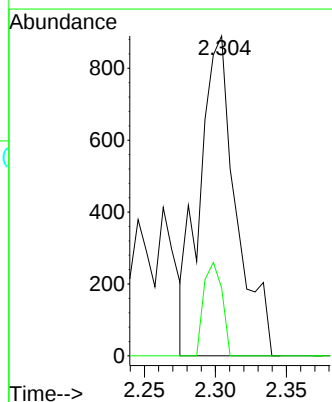
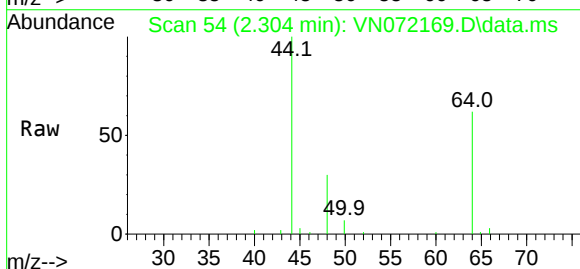
Instrument :
MSVOA_N
ClientSampleId :

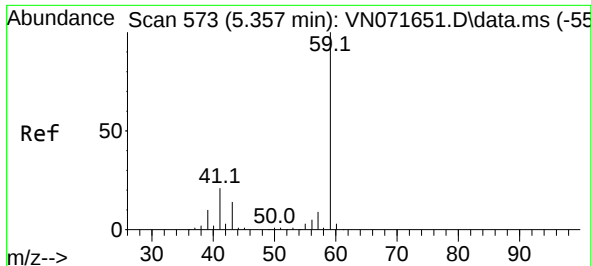
Tgt Ion:168 Resp: 577578
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

Tgt Ion: 50 Resp: 1592
Ion Ratio Lower Upper
50 100
52 21.2 25.7 38.5#

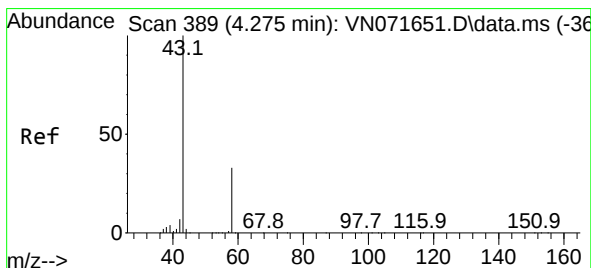
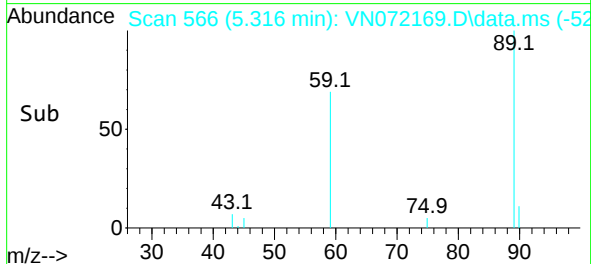
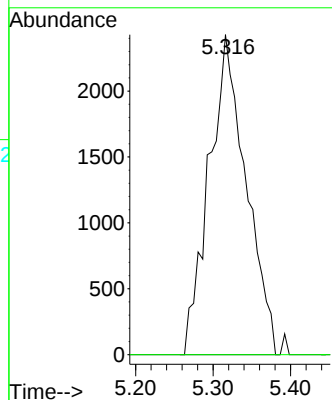
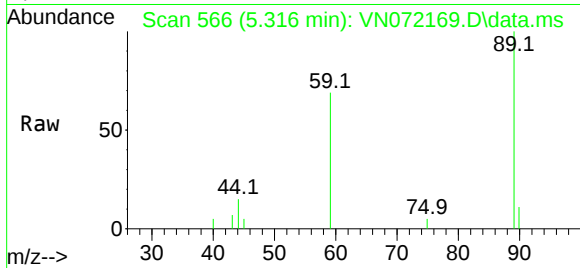




#11
Tert butyl alcohol
Concen: 7.533 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.041 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

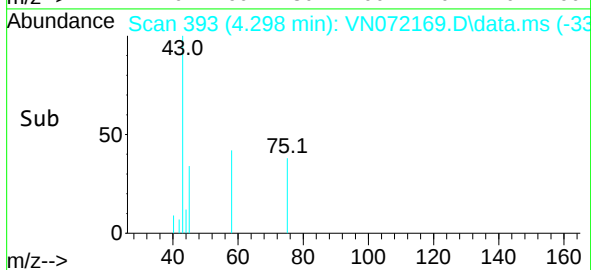
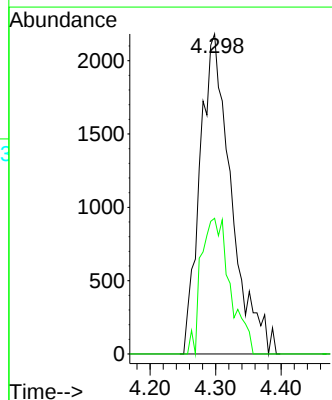
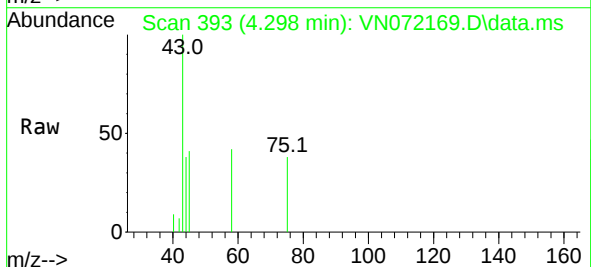
Instrument :
MSVOA_N
ClientSampleId :

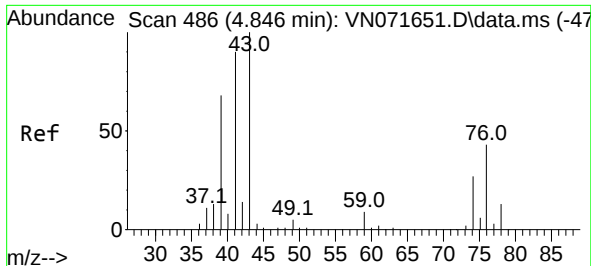
Tgt Ion: 59 Resp: 8061
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.568 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

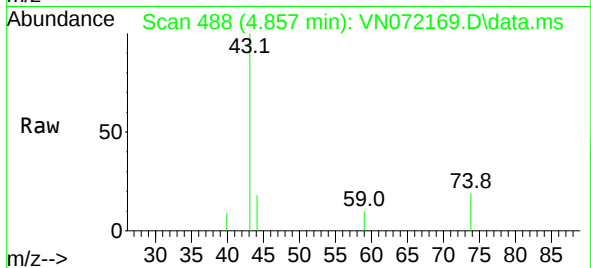
Tgt Ion: 43 Resp: 7237
Ion Ratio Lower Upper
43 100
58 42.4 26.0 39.0#



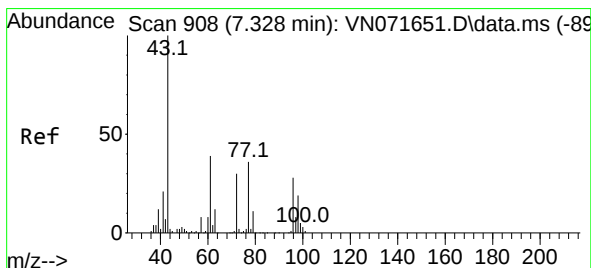
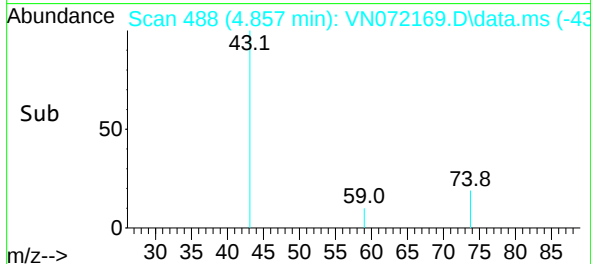
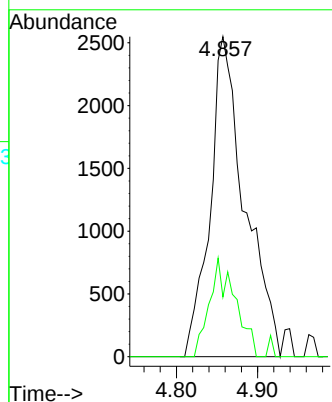


#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

Instrument :
MSVOA_N
ClientSampleId :

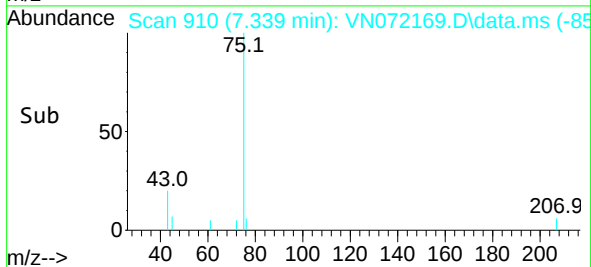
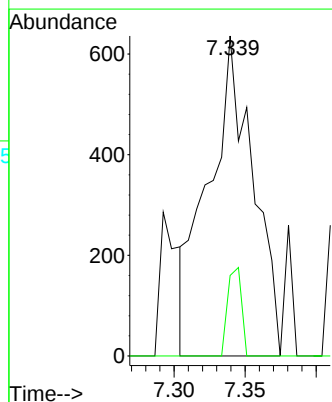
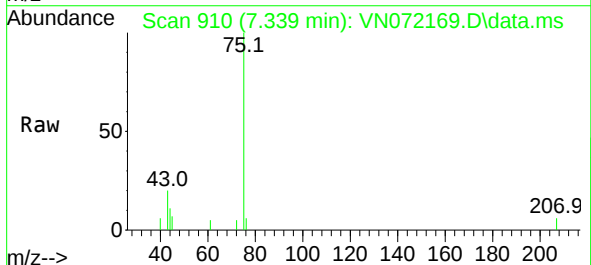


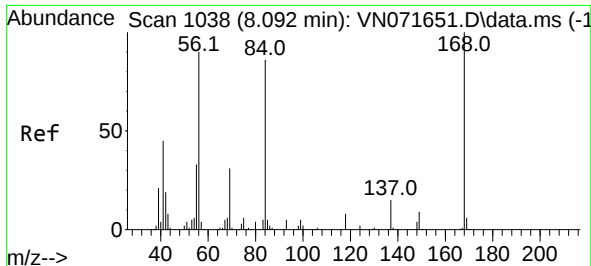
Tgt Ion: 43 Resp: 7577
Ion Ratio Lower Upper
43 100
74 22.9 21.6 32.4



#25
2-Butanone
Concen: 0.342 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

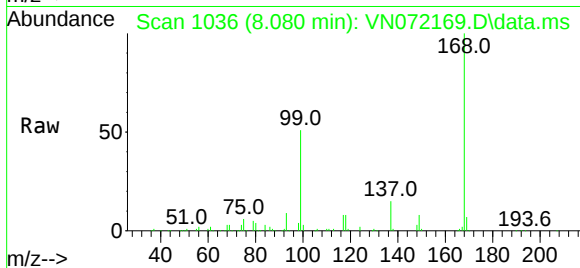
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
72 25.2 23.7 35.5



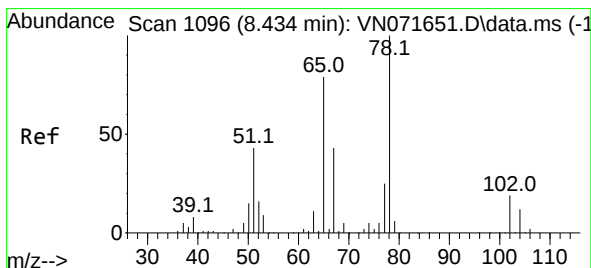
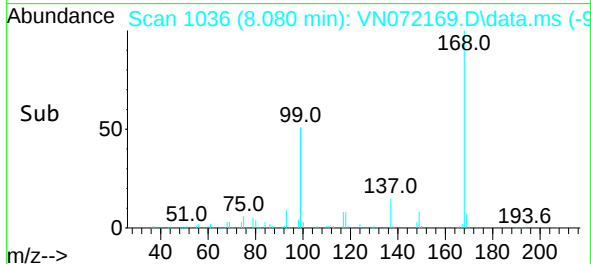
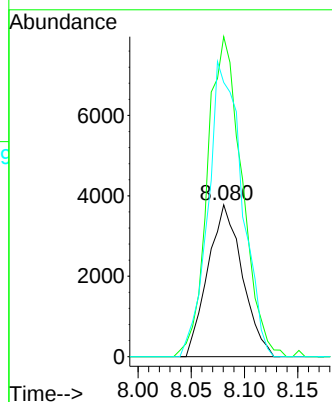


#31
Cyclohexane
Concen: 0.947 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

Instrument :
MSVOA_N
ClientSampleId :

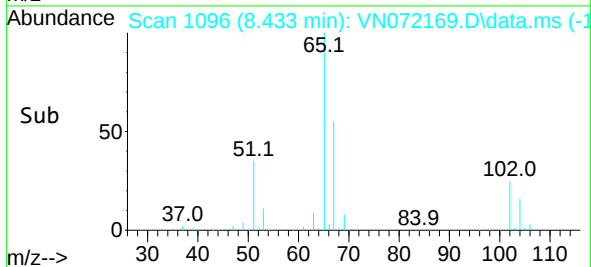
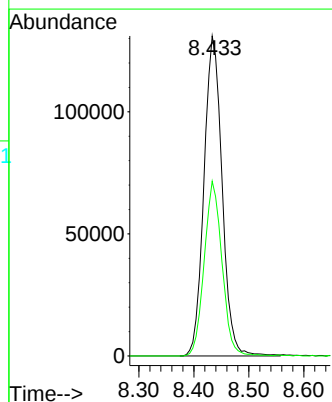
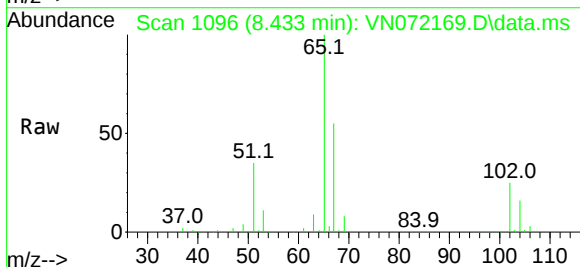


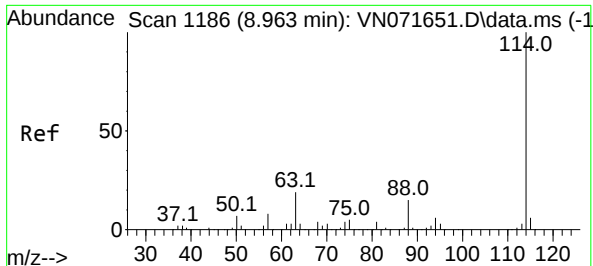
Tgt Ion: 56 Resp: 8492
Ion Ratio Lower Upper
56 100
69 206.6 27.8 41.8#
84 180.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 45.598 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

Tgt Ion: 65 Resp: 300660
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072169.D

Acq: 22 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

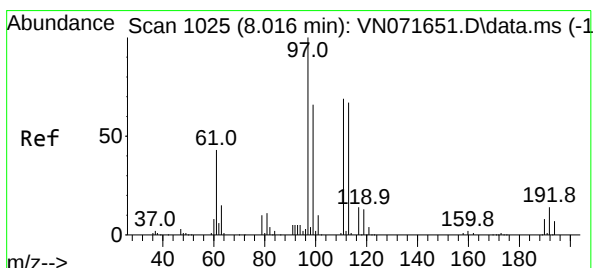
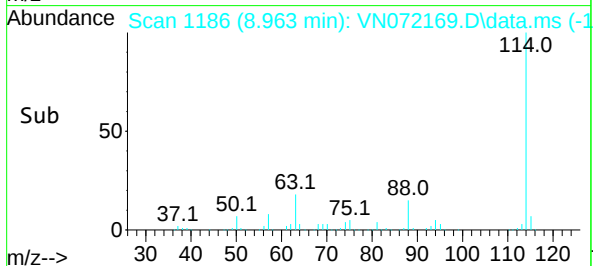
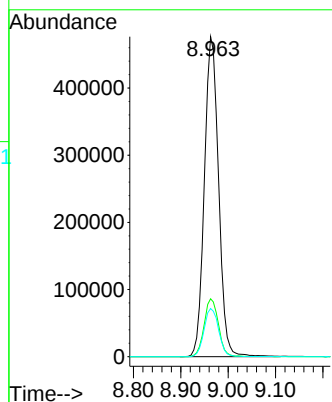
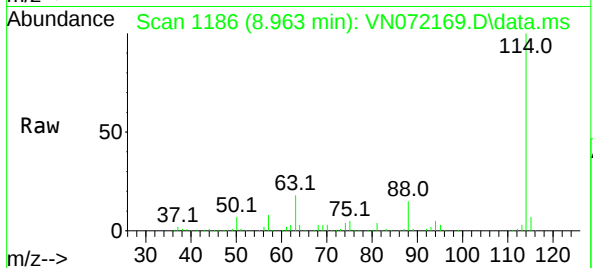
Tgt Ion:114 Resp: 992645

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.331 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072169.D

Acq: 22 Apr 2022 20:12

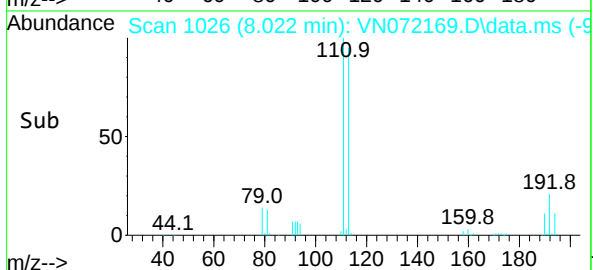
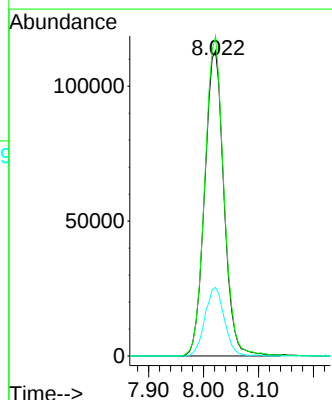
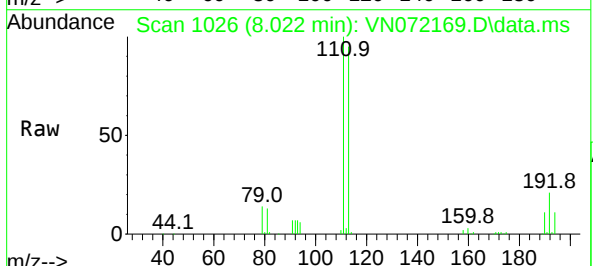
Tgt Ion:113 Resp: 276470

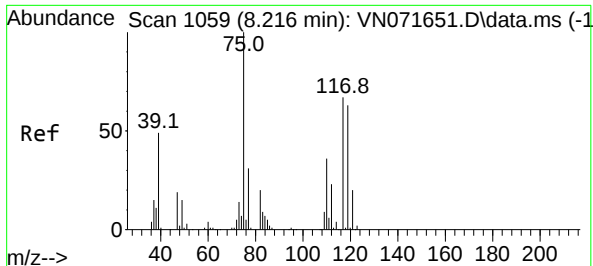
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 22.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.523 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

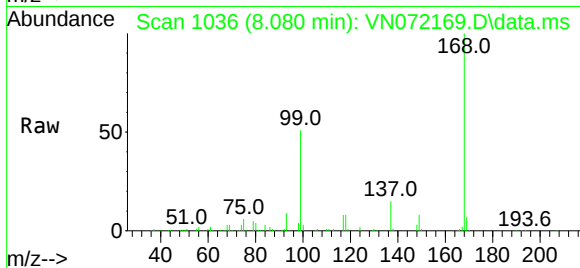
Lab File: VN072169.D

Acq: 22 Apr 2022 20:12

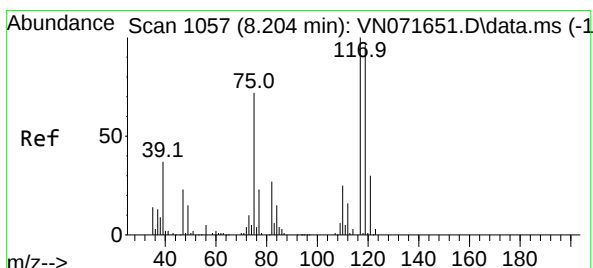
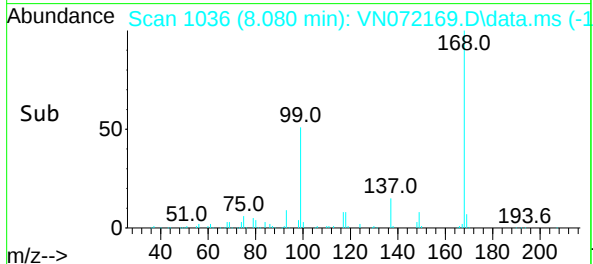
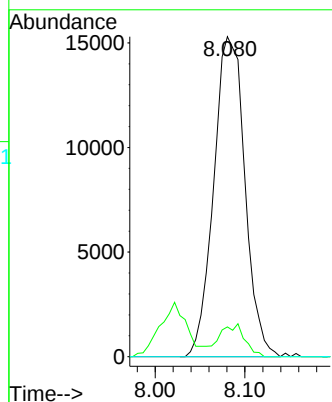
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 36890
Ion Ratio	Lower Upper
75	100
110	8.3 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.254 ug/l

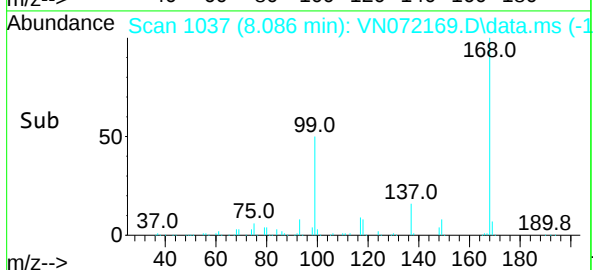
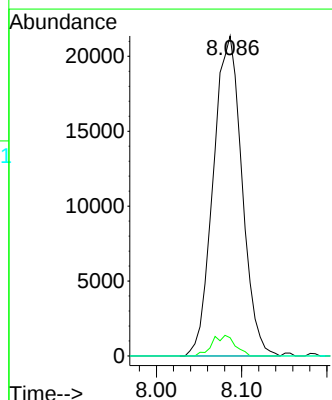
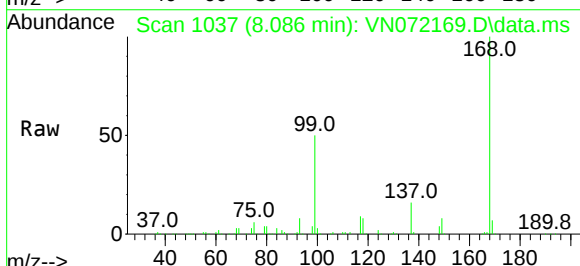
RT: 8.086 min Scan# 1037

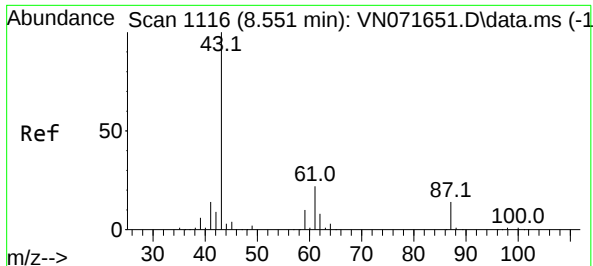
Delta R.T. -0.118 min

Lab File: VN072169.D

Acq: 22 Apr 2022 20:12

Tgt Ion: 117	Resp: 49999
Ion Ratio	Lower Upper
117	100
119	5.7 75.8 113.8#
121	0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 6.244 ug/l

RT: 8.645 min Scan# 1116

Delta R.T. 0.094 min

Lab File: VN072169.D

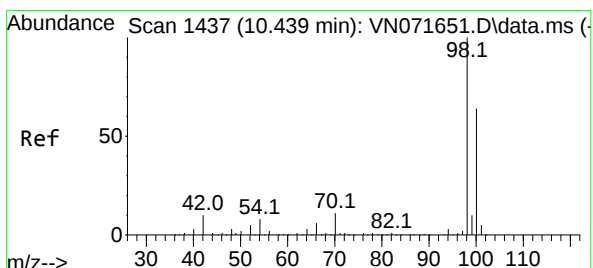
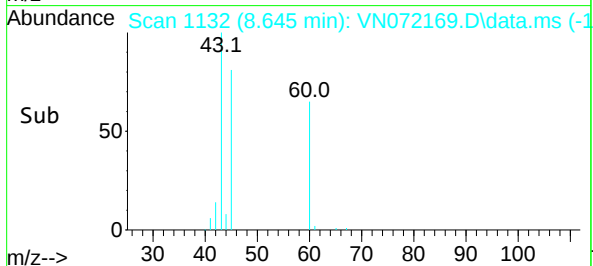
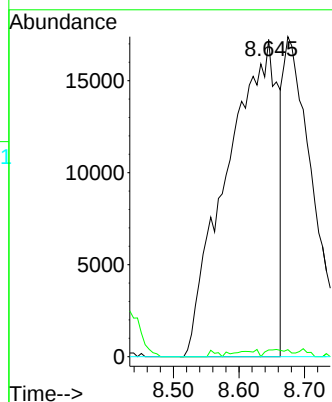
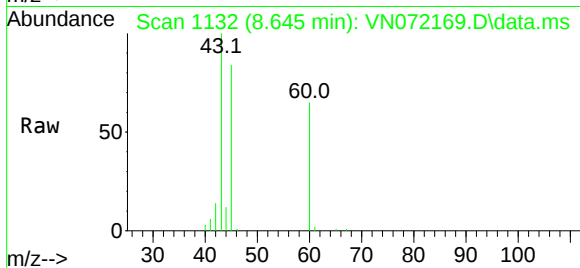
Acq: 22 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 92724
Ion Ratio	Lower Upper
43	100
61	1.0 21.9 32.9#
87	0.0 12.0 18.0#



#50

Toluene-d8

Concen: 51.592 ug/l

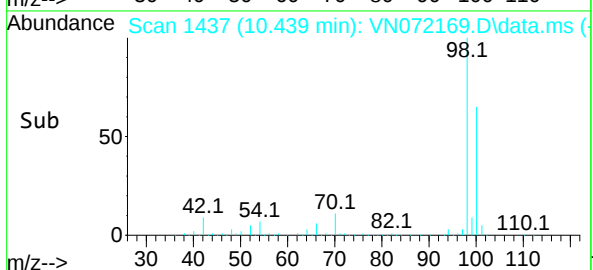
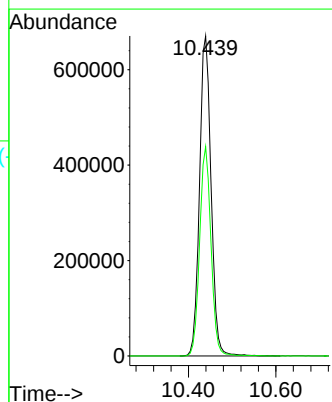
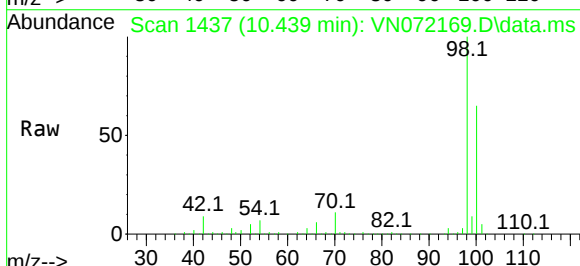
RT: 10.439 min Scan# 1437

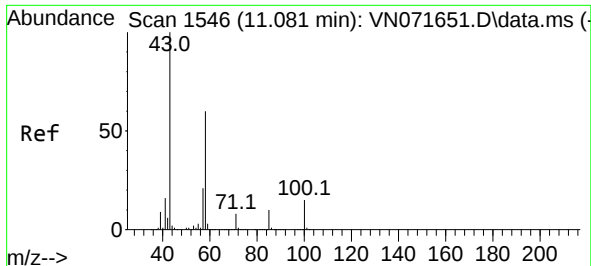
Delta R.T. 0.000 min

Lab File: VN072169.D

Acq: 22 Apr 2022 20:12

Tgt Ion: 98	Resp: 1232780
Ion Ratio	Lower Upper
98	100
100	64.5 52.6 78.8

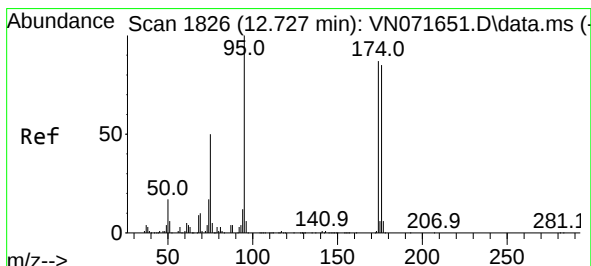
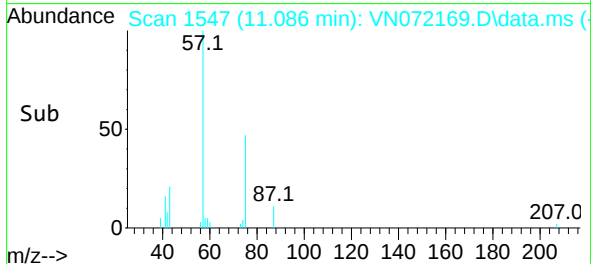
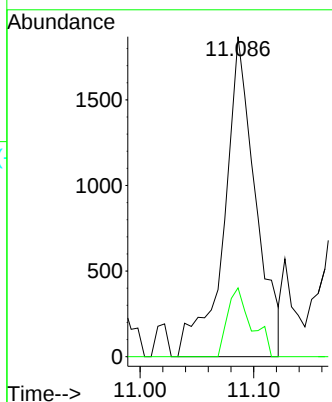
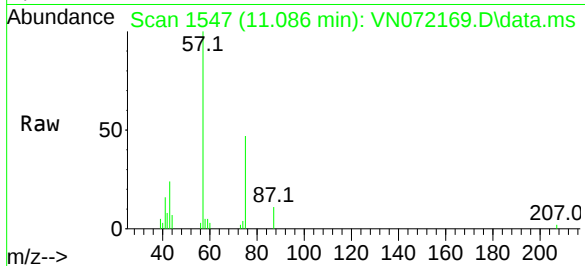




#59
2-Hexanone
Concen: 0.596 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

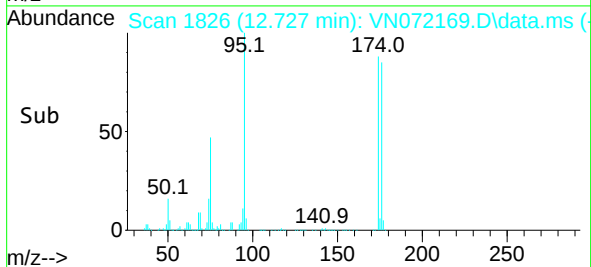
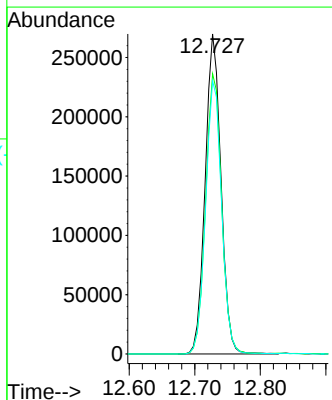
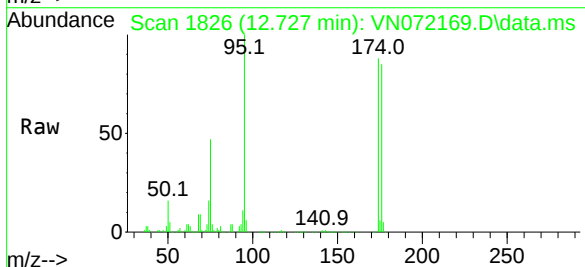
Instrument :
MSVOA_N
ClientSampleId :

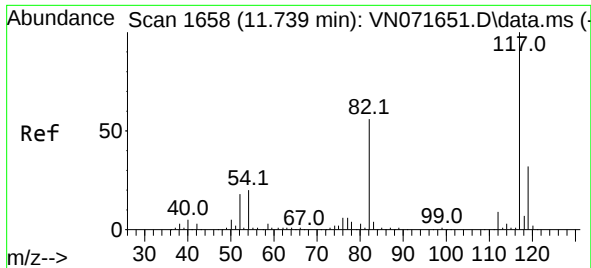
Tgt Ion: 43 Resp: 3585
Ion Ratio Lower Upper
43 100
58 16.4 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 58.554 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

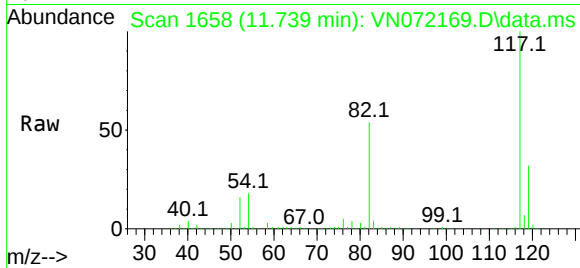
Tgt Ion: 95 Resp: 452501
Ion Ratio Lower Upper
95 100
174 88.7 0.0 167.6
176 86.5 0.0 163.4



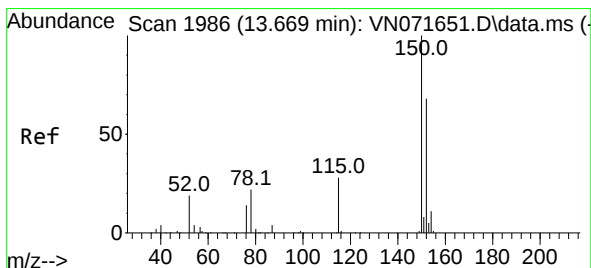
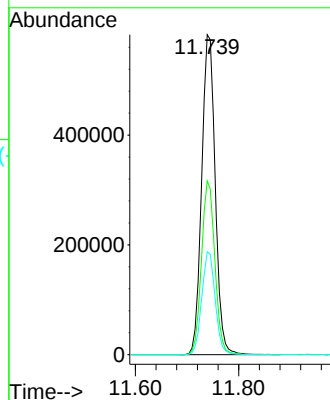
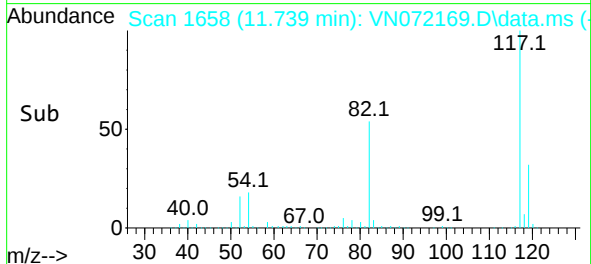


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

Instrument :
MSVOA_N
ClientSampleId :

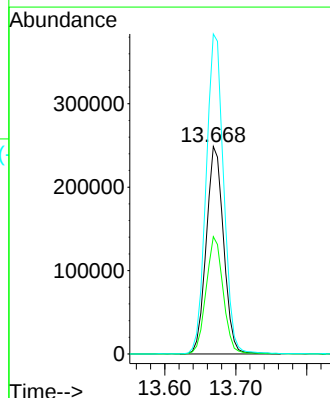
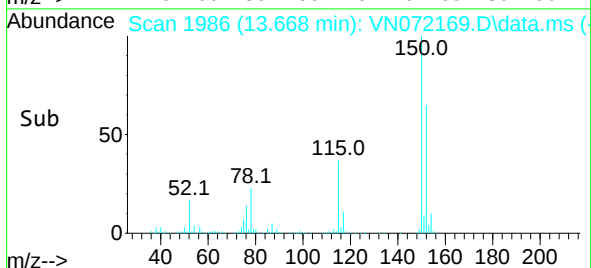
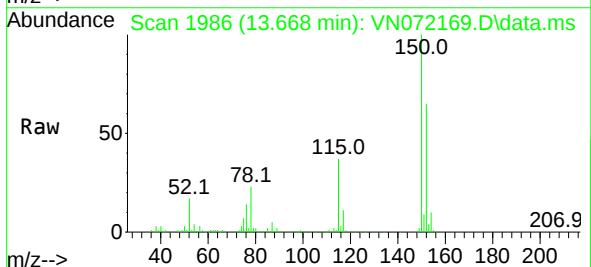


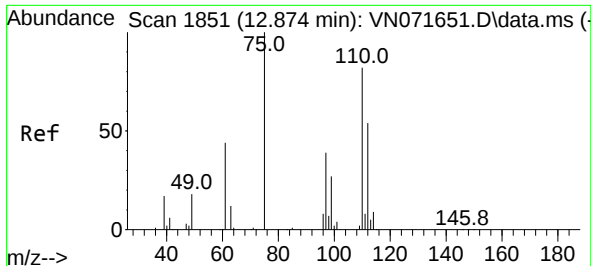
Tgt Ion:117 Resp: 1060745
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

Tgt Ion:152 Resp: 423110
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 155.6 0.0 356.2

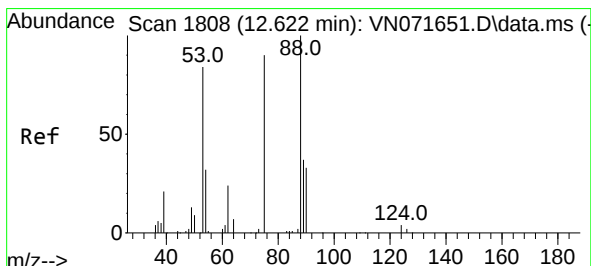
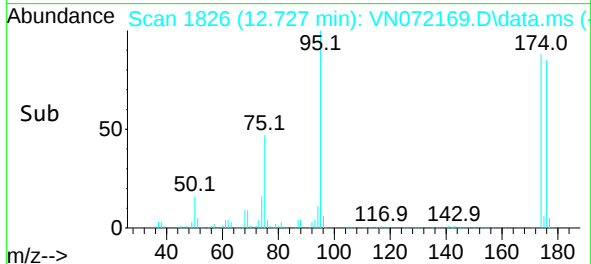
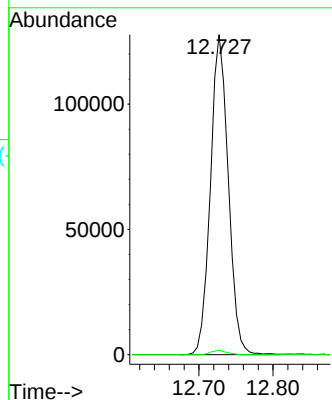
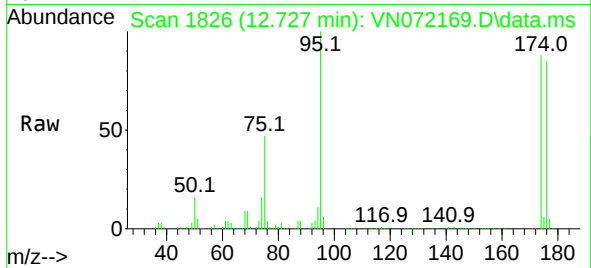




#76
1,2,3-Trichloropropane
Concen: 21.768 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

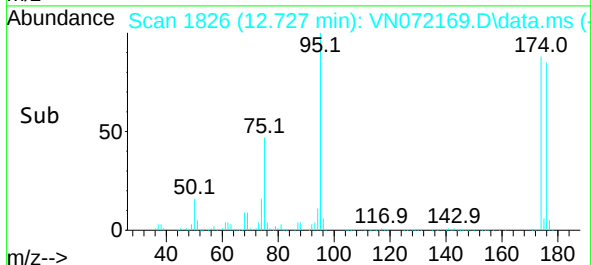
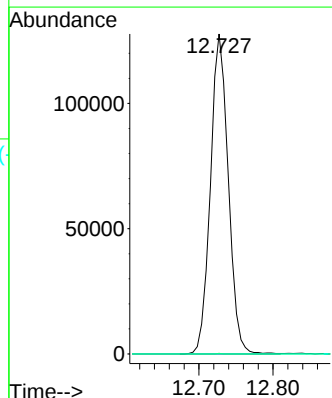
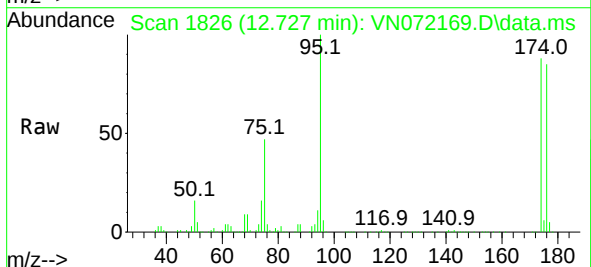
Instrument :
MSVOA_N
ClientSampleId :

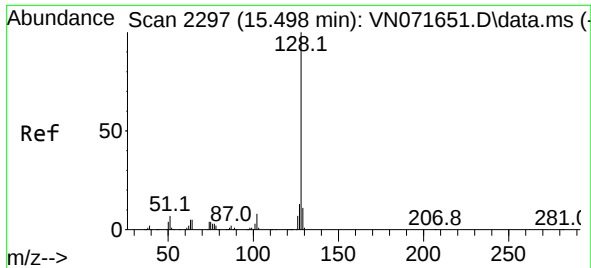
Tgt Ion: 75 Resp: 213359
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.457 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072169.D
Acq: 22 Apr 2022 20:12

Tgt Ion: 75 Resp: 213359
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 3.948 ug/l

RT: 15.509 min Scan# 21

Delta R.T. 0.011 min

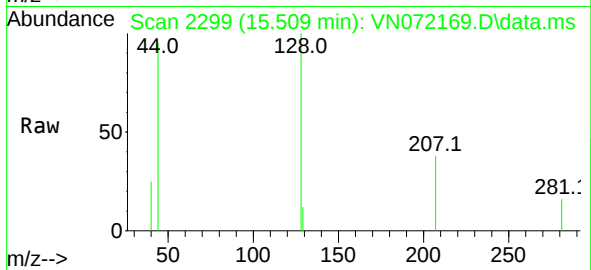
Lab File: VN072169.D

Acq: 22 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 3020

Ion Ratio Lower Upper

128 100

127 1.9 10.3 15.5#

129 11.2 8.6 13.0

