

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072560.D
 Acq On : 19 May 2022 17:15
 Operator : JC\MD
 Sample : N2965-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30985

Quant Time: May 20 06:54:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

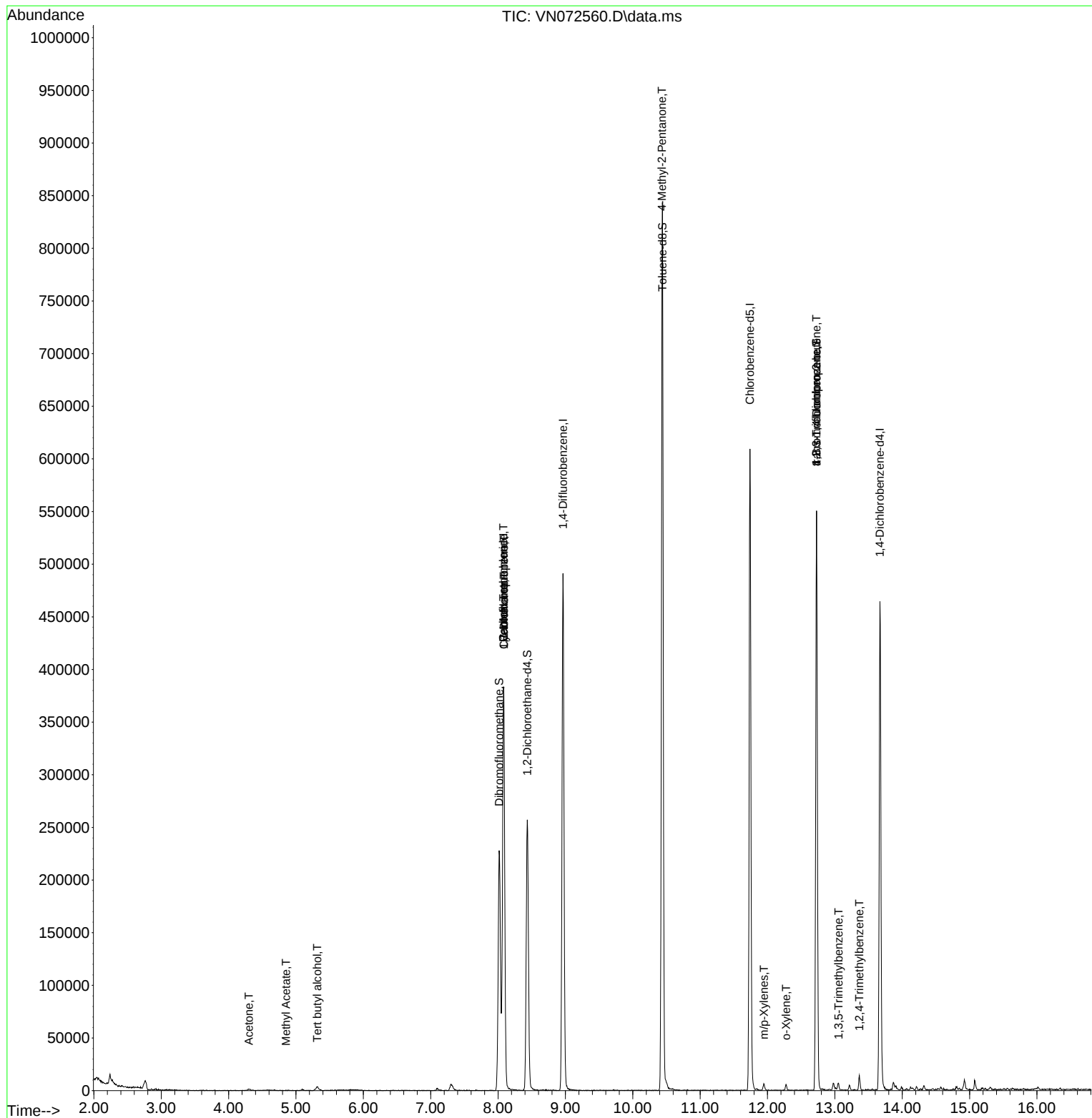
Internal Standards						
1) Pentafluorobenzene	8.080	168	277650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	410466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	347107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	126864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	243233	56.384	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.760%			
35) Dibromofluoromethane	8.016	113	162467	58.662	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 117.320%			
50) Toluene-d8	10.439	98	574199	54.772	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.540%			
62) 4-Bromofluorobenzene	12.727	95	183946	46.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.380%			
Target Compounds						Qvalue
6) Chloroethane	2.916	64	443	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	3274	8.297	ug/l #	72
16) Acetone	4.298	43	882	0.674	ug/l #	42
18) Methyl Acetate	4.851	43	156	0.322	ug/l #	48
31) Cyclohexane	8.086	56	5888	1.228	ug/l #	38
36) 1,1-Dichloropropene	8.086	75	22514	5.971	ug/l #	49
38) Carbon Tetrachloride	8.080	117	30761	6.592	ug/l #	15
51) 4-Methyl-2-Pentanone	10.433	43	2434	0.554	ug/l #	1
68) m/p-Xylenes	11.945	106	1765	0.372	ug/l	77
69) o-Xylene	12.274	106	1379	0.286	ug/l	79
76) 1,2,3-Trichloropropane	12.727	75	106436	27.773	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.057	105	3006	0.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	106436	115.781	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.362	105	7594	0.870	ug/l	99

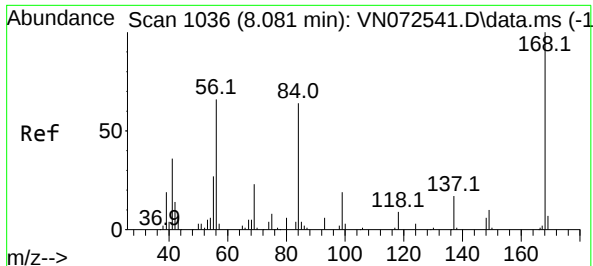
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
Data File : VN072560.D
Acq On : 19 May 2022 17:15
Operator : JC\MD
Sample : N2965-01 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30985

Quant Time: May 20 06:54:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

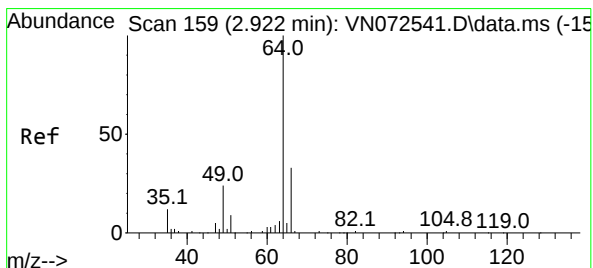
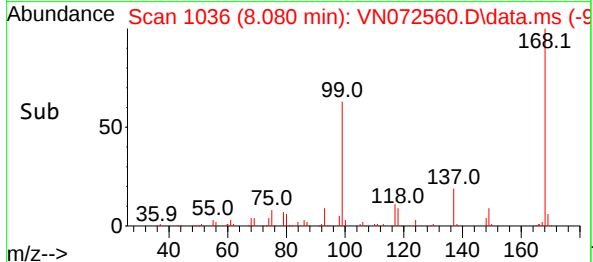
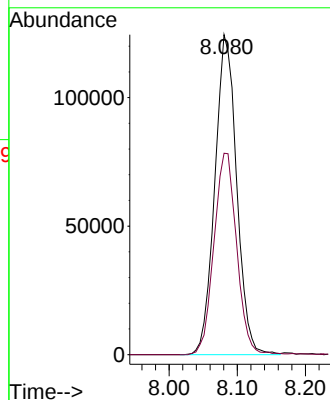
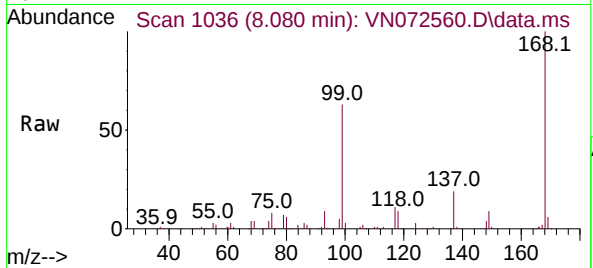




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

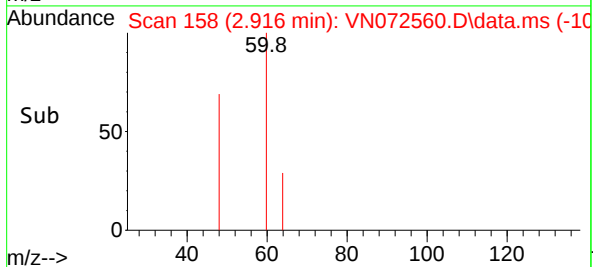
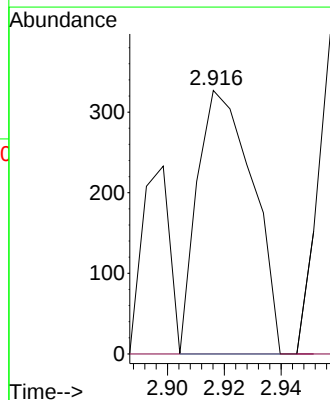
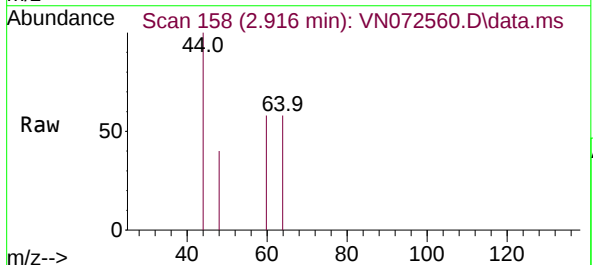
Instrument :
MSVOA_N
ClientSampleId :
30985

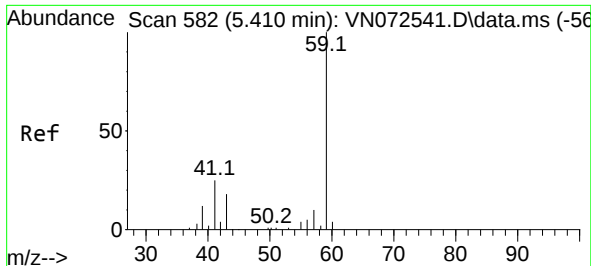
Tgt Ion:168 Resp: 277650
Ion Ratio Lower Upper
168 100
99 62.9 42.3 63.5



#6
Chloroethane
Concen: Below Cal
RT: 2.916 min Scan# 158
Delta R.T. -0.006 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion: 64 Resp: 443
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

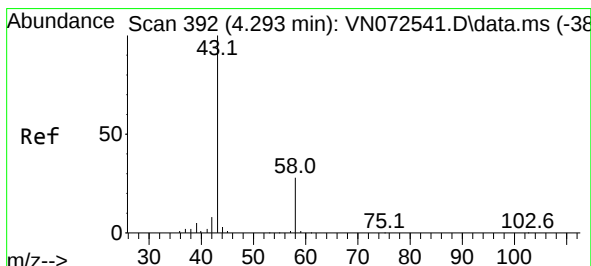
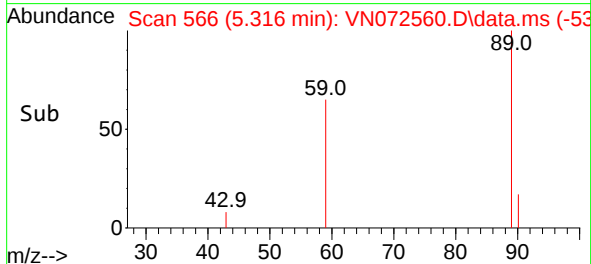
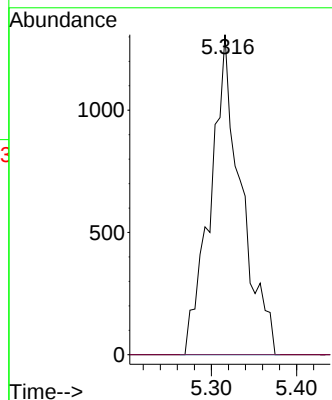
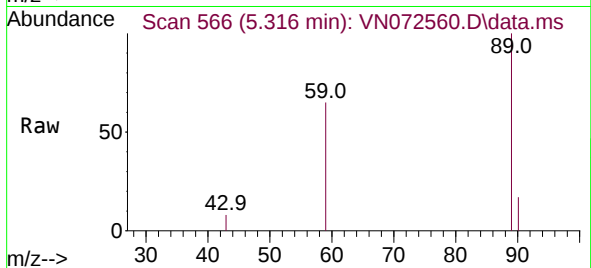




#11
Tert butyl alcohol
Concen: 8.297 ug/l
RT: 5.316 min Scan# 509
Delta R.T. -0.094 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

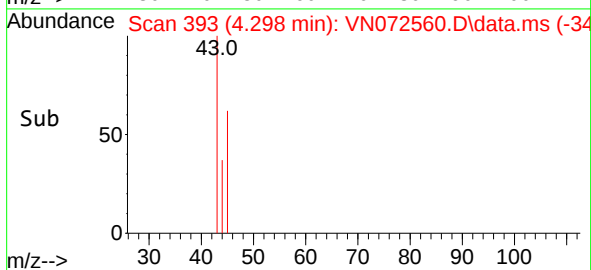
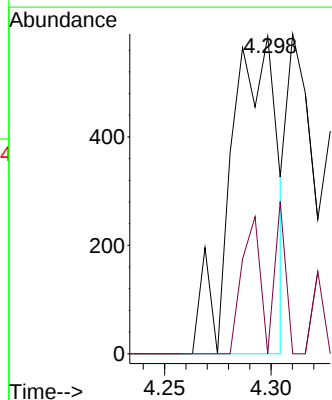
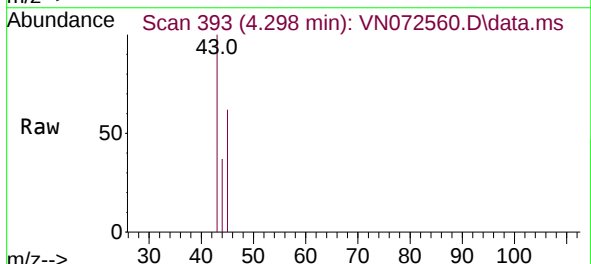
Instrument :
MSVOA_N
ClientSampleId :
30985

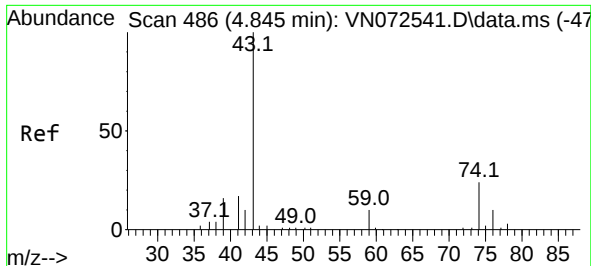
Tgt Ion: 59 Resp: 3274
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.674 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.005 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#18

Methyl Acetate

Concen: 0.322 ug/l

RT: 4.851 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072560.D

Acq: 19 May 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

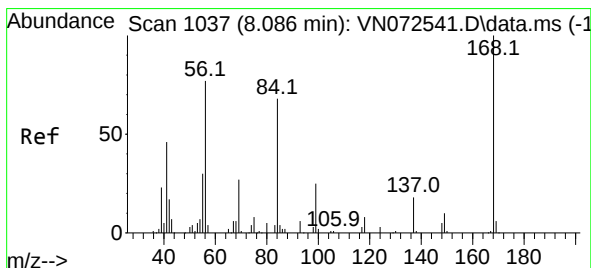
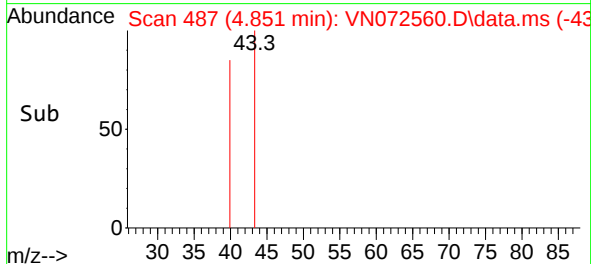
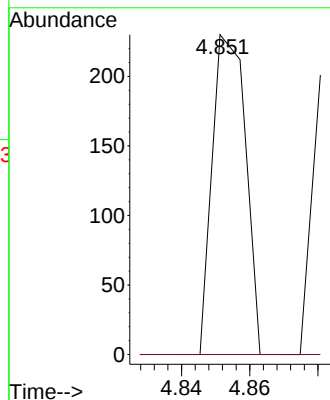
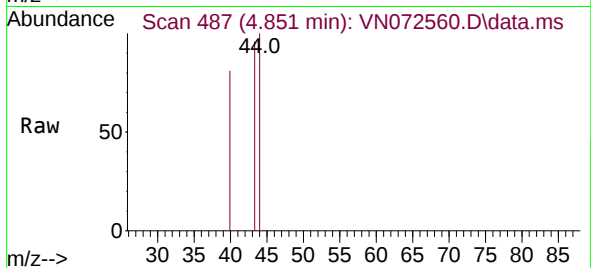
30985

Tgt Ion: 43 Resp: 156

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#31

Cyclohexane

Concen: 1.228 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VN072560.D

Acq: 19 May 2022 17:15

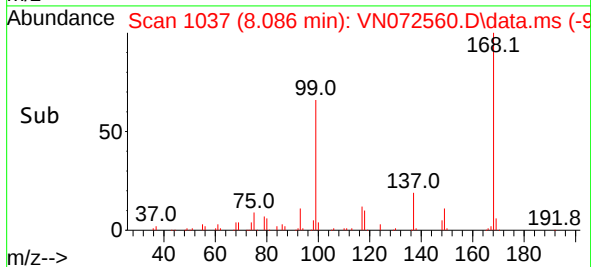
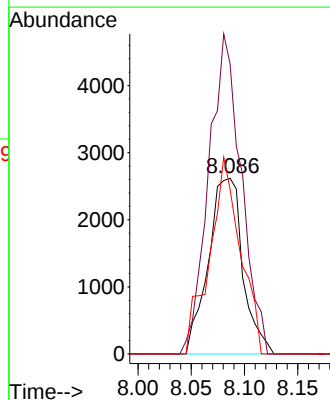
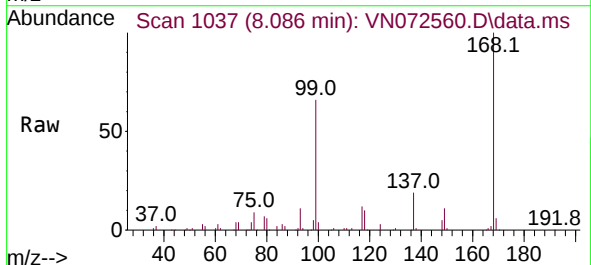
Tgt Ion: 56 Resp: 5888

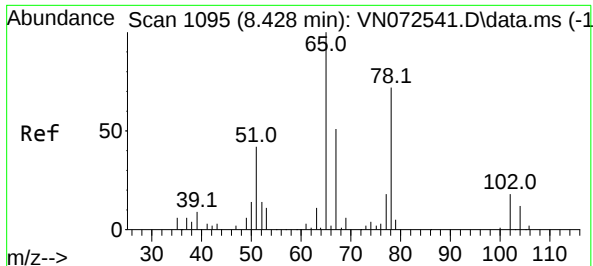
Ion Ratio Lower Upper

56 100

69 165.0 27.8 41.8#

84 93.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 56.384 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. 0.005 min

Lab File: VN072560.D

Acq: 19 May 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

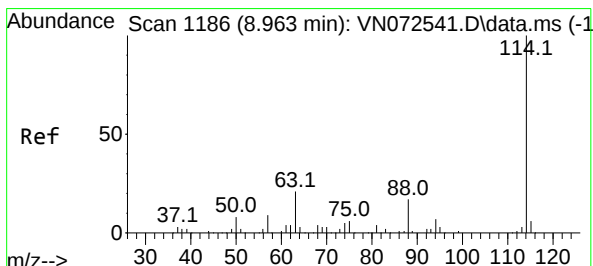
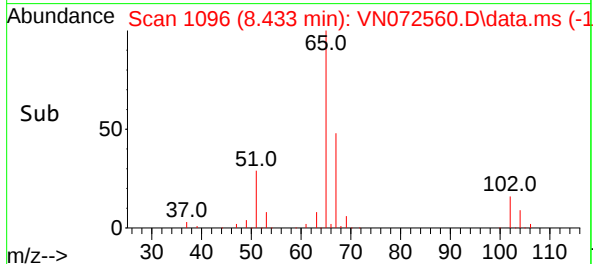
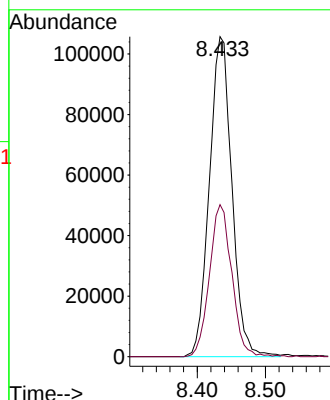
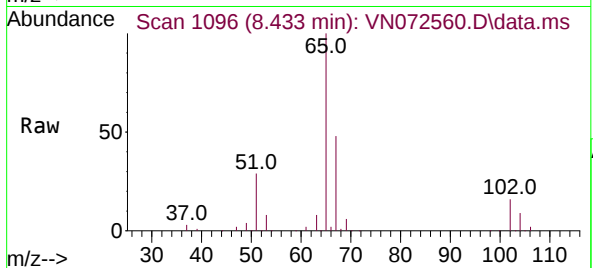
30985

Tgt Ion: 65 Resp: 243233

Ion Ratio Lower Upper

65 100

67 47.1 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: VN072560.D

Acq: 19 May 2022 17:15

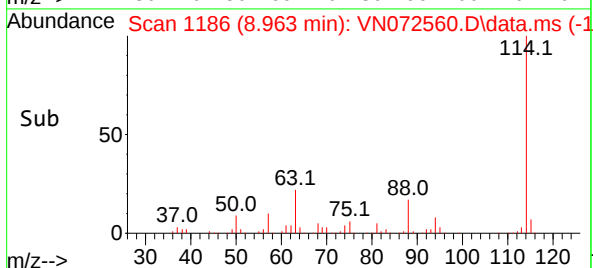
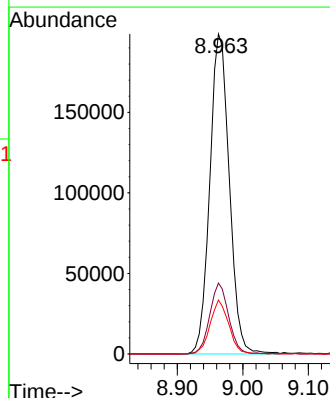
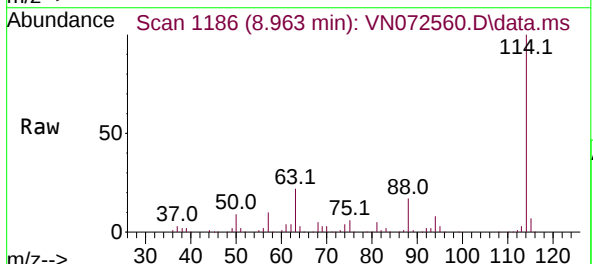
Tgt Ion: 114 Resp: 410466

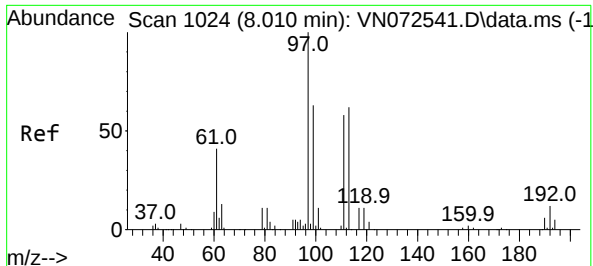
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.662 ug/l

RT: 8.016 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN072560.D

Acq: 19 May 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

30985

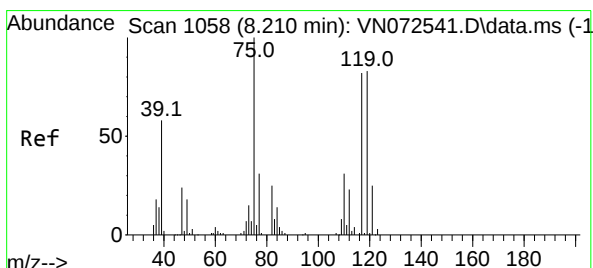
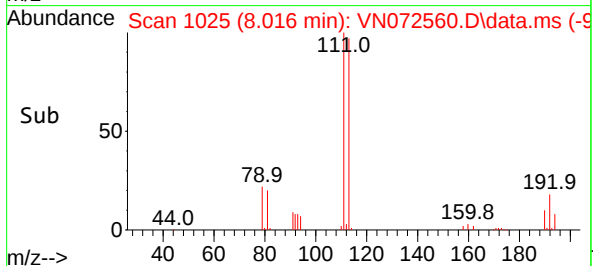
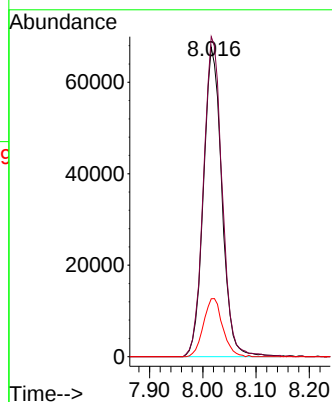
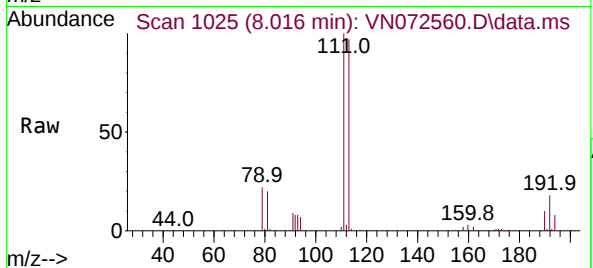
Tgt Ion:113 Resp: 162467

Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 19.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.971 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.124 min

Lab File: VN072560.D

Acq: 19 May 2022 17:15

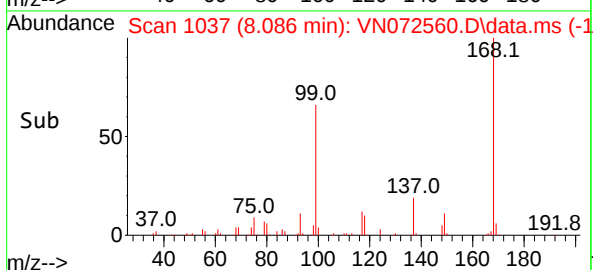
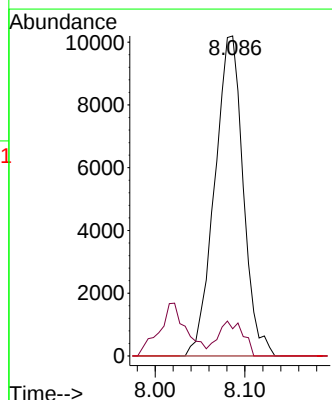
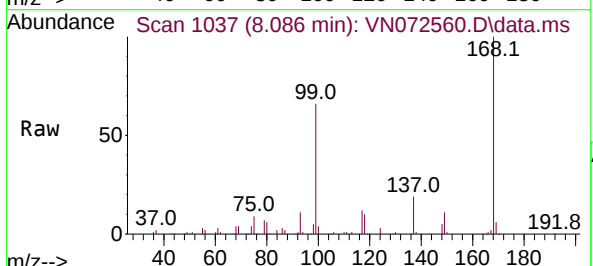
Tgt Ion: 75 Resp: 22514

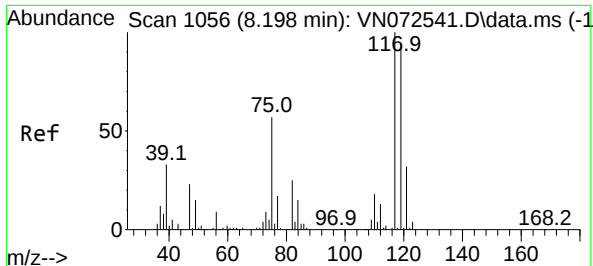
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.592 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN072560.D

Acq: 19 May 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

30985

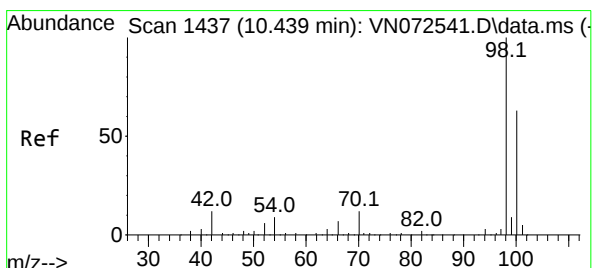
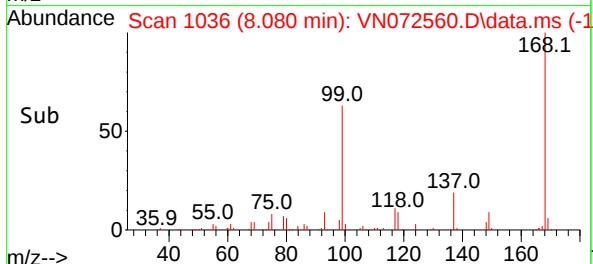
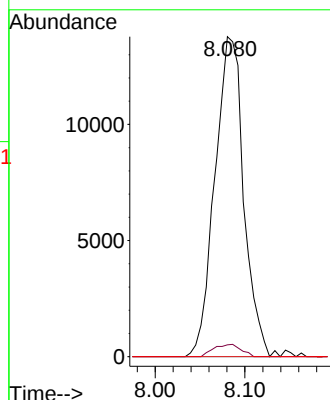
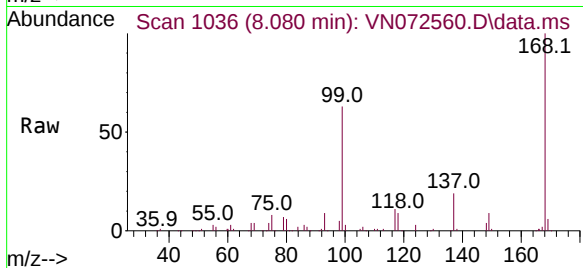
Tgt Ion:117 Resp: 30761

Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 54.772 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072560.D

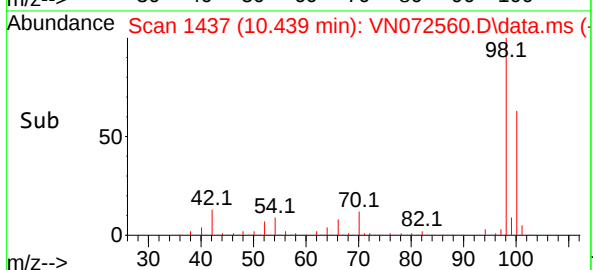
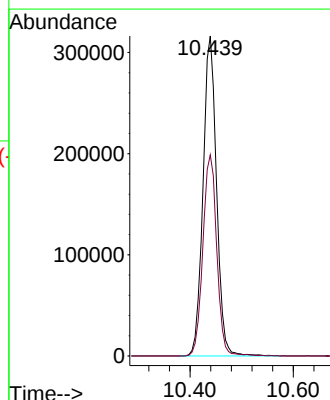
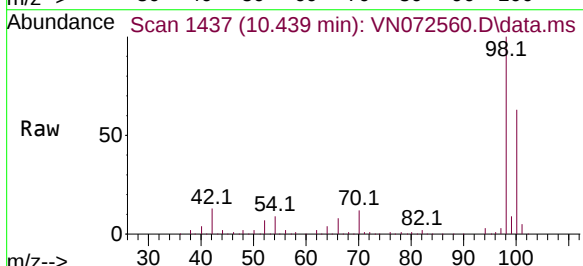
Acq: 19 May 2022 17:15

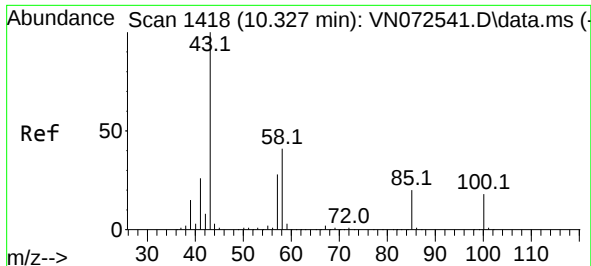
Tgt Ion: 98 Resp: 574199

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8

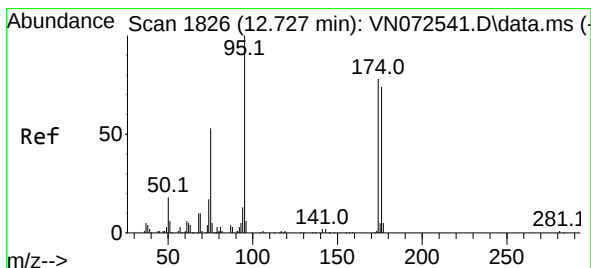
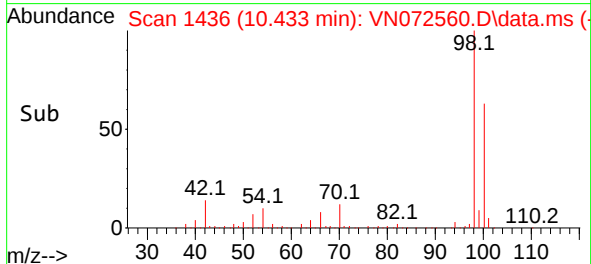
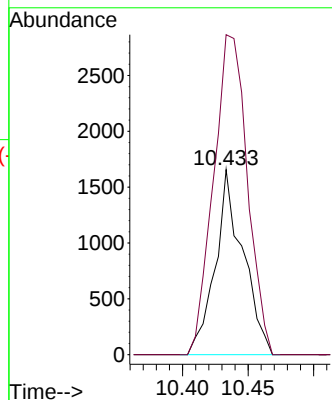
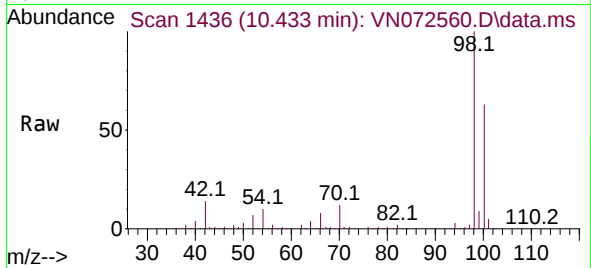




#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 10.433 min Scan# 1418
Delta R.T. 0.106 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

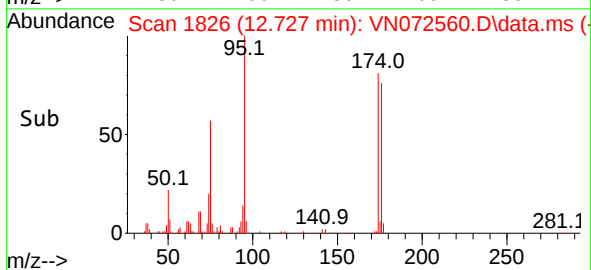
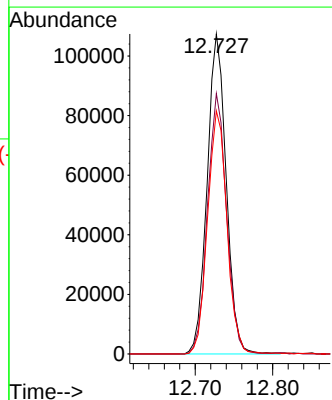
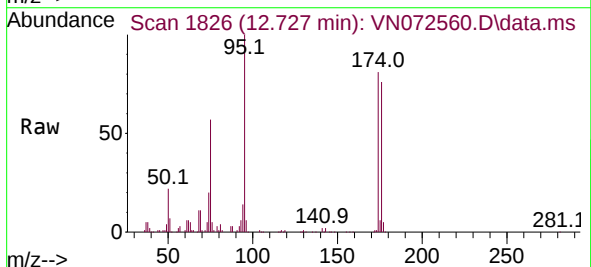
Instrument :
MSVOA_N
ClientSampleId :
30985

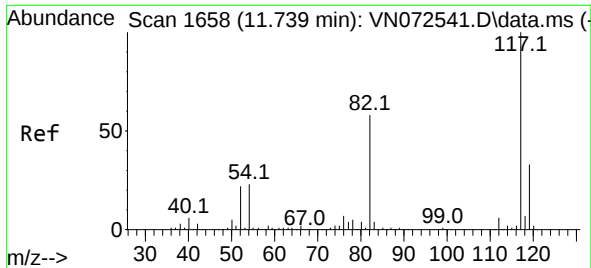
Tgt Ion: 43 Resp: 2434
Ion Ratio Lower Upper
43 100
58 211.3 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 46.192 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion: 95 Resp: 183946
Ion Ratio Lower Upper
95 100
174 81.2 0.0 167.6
176 77.1 0.0 163.4

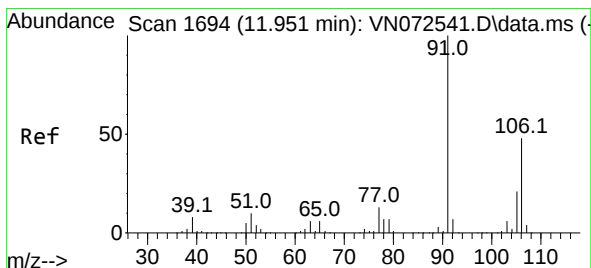
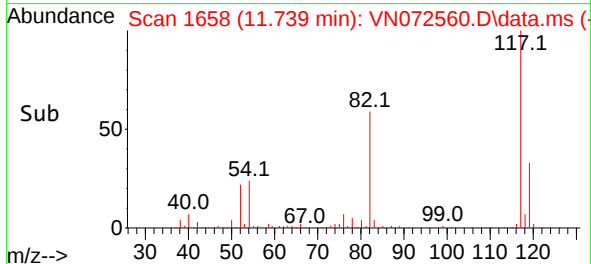
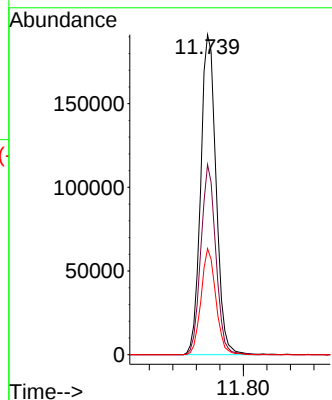
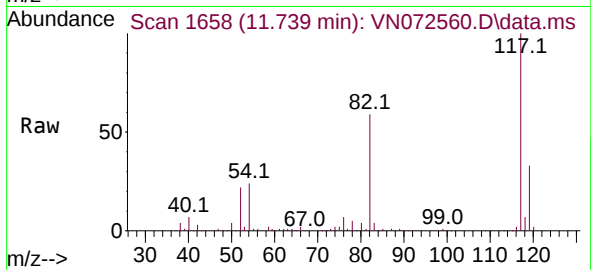




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

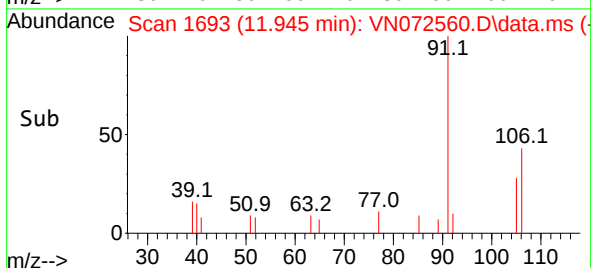
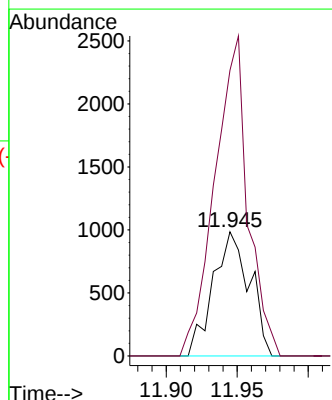
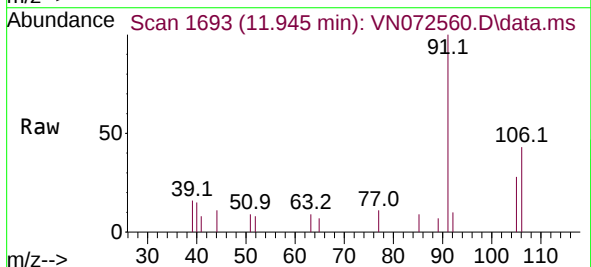
Instrument :
MSVOA_N
ClientSampleId :
30985

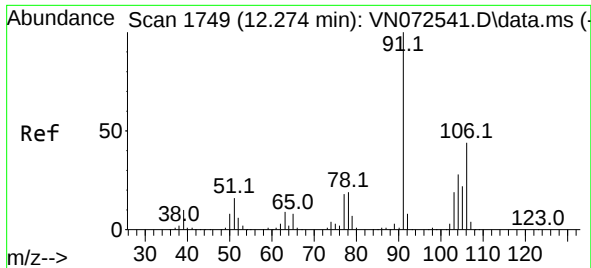
Tgt Ion:117 Resp: 347107
Ion Ratio Lower Upper
117 100
82 59.4 44.2 66.2
119 33.2 25.4 38.0



#68
m/p-Xylenes
Concen: 0.372 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion:106 Resp: 1765
Ion Ratio Lower Upper
106 100
91 233.5 158.9 238.3

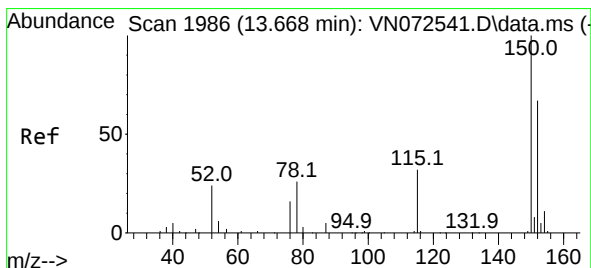
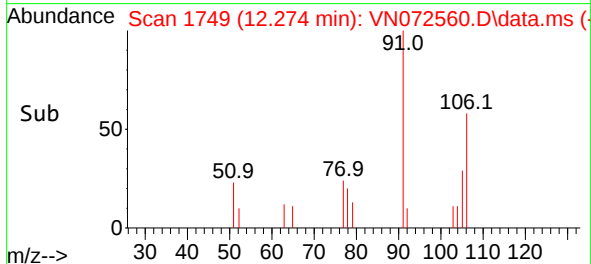
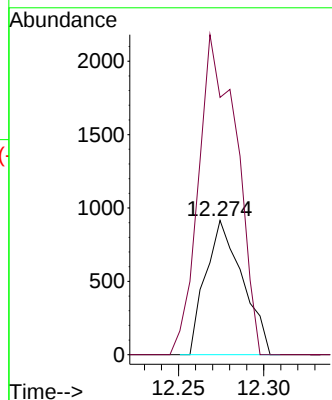
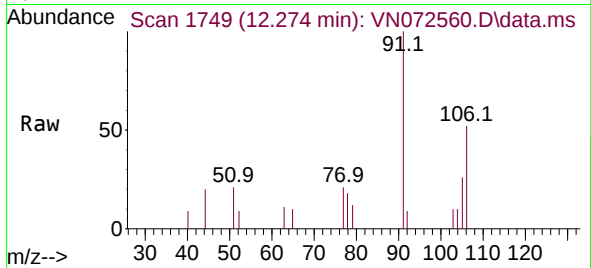




#69
o-Xylene
Concen: 0.286 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

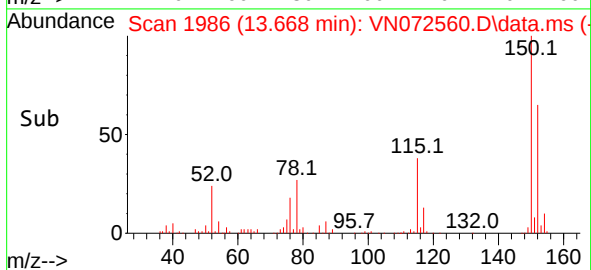
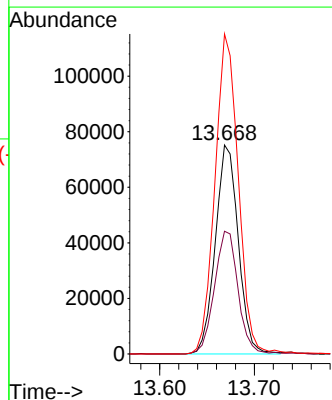
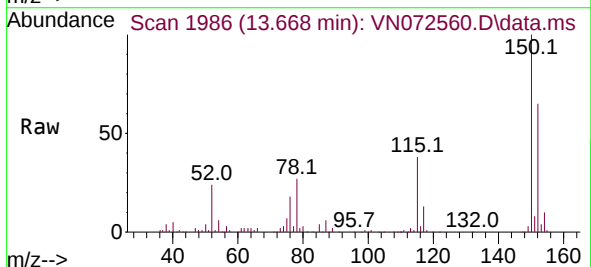
Instrument :
MSVOA_N
ClientSampleId :
30985

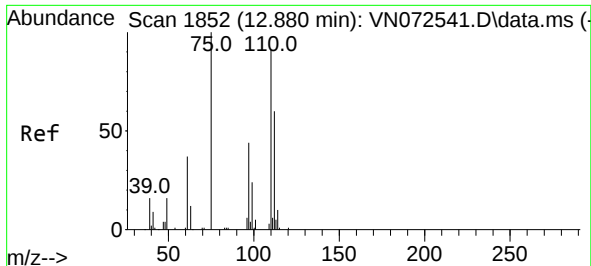
Tgt Ion:106 Resp: 1379
Ion Ratio Lower Upper
106 100
91 245.4 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion:152 Resp: 126864
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 155.7 0.0 356.2

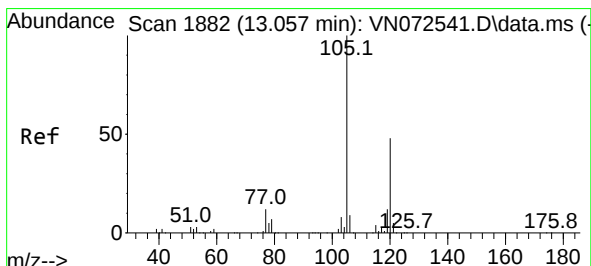
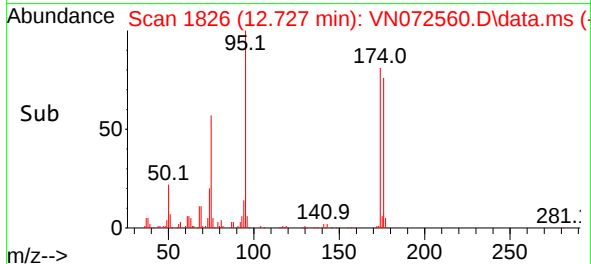
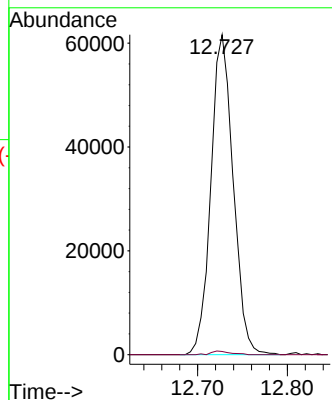
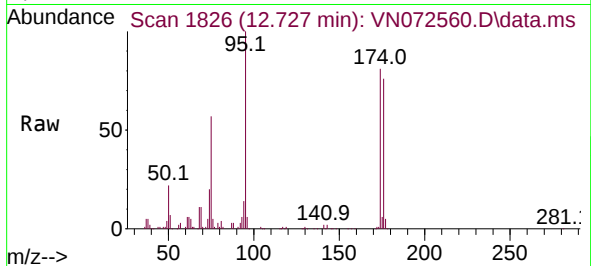




#76
1,2,3-Trichloropropane
Concen: 27.773 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

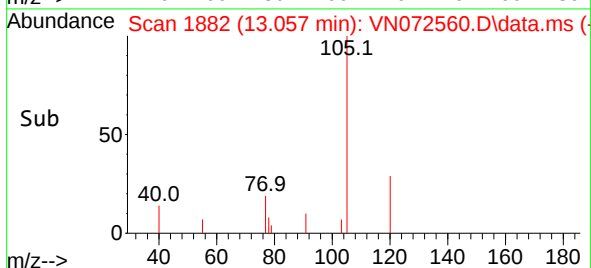
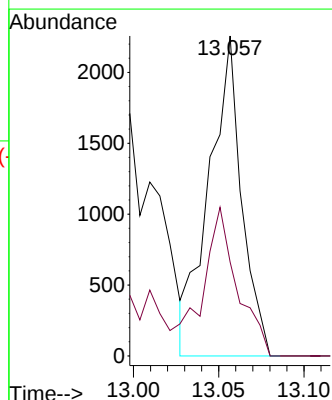
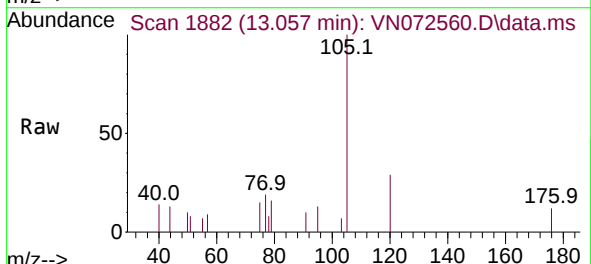
Instrument :
MSVOA_N
ClientSampleId :
30985

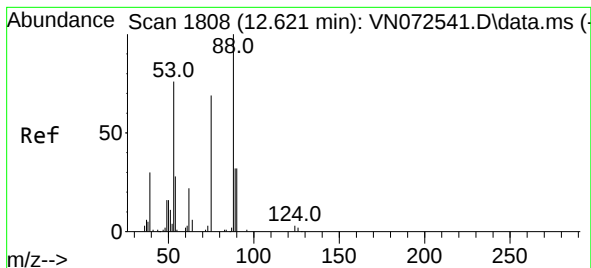
Tgt Ion: 75 Resp: 106436
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.330 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion: 105 Resp: 3006
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7

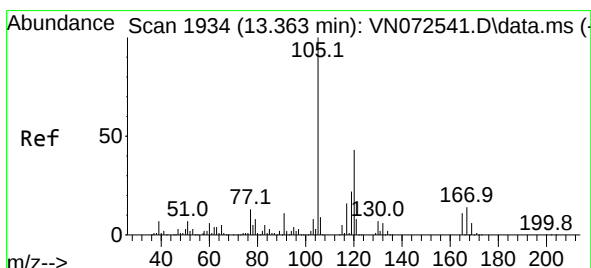
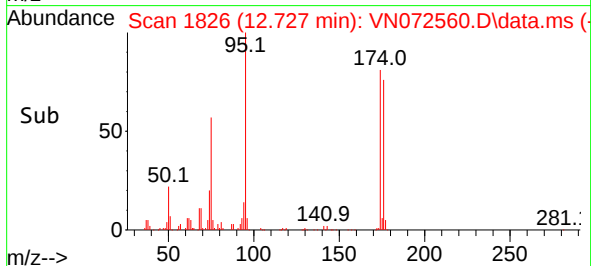
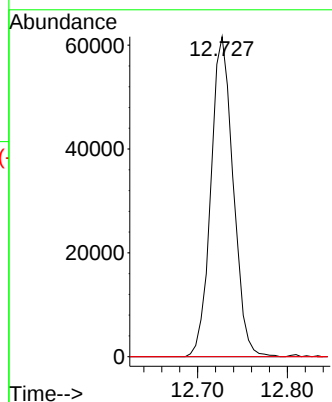
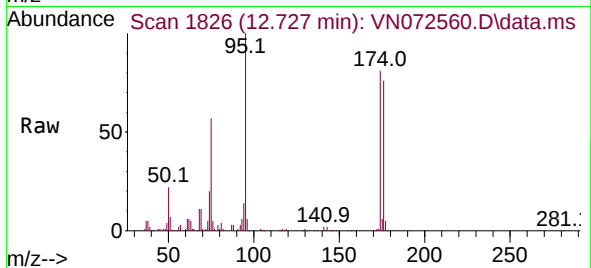




#81
trans-1,4-Dichloro-2-butene
Concen: 115.781 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
30985

Tgt Ion: 75 Resp: 106436
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.870 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion: 105 Resp: 7594
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8

