

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072605.D
 Acq On : 24 May 2022 22:55
 Operator : JC\MD
 Sample : N2968-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28

Quant Time: May 25 09:23:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	131279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	245409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	368399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	131225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	85150	57.021	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	114.040%
35) Dibromofluoromethane	8.016	113	72160	45.367	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.740%
50) Toluene-d8	10.439	98	313440	51.609	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.727	95	144468	73.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	146.280%#

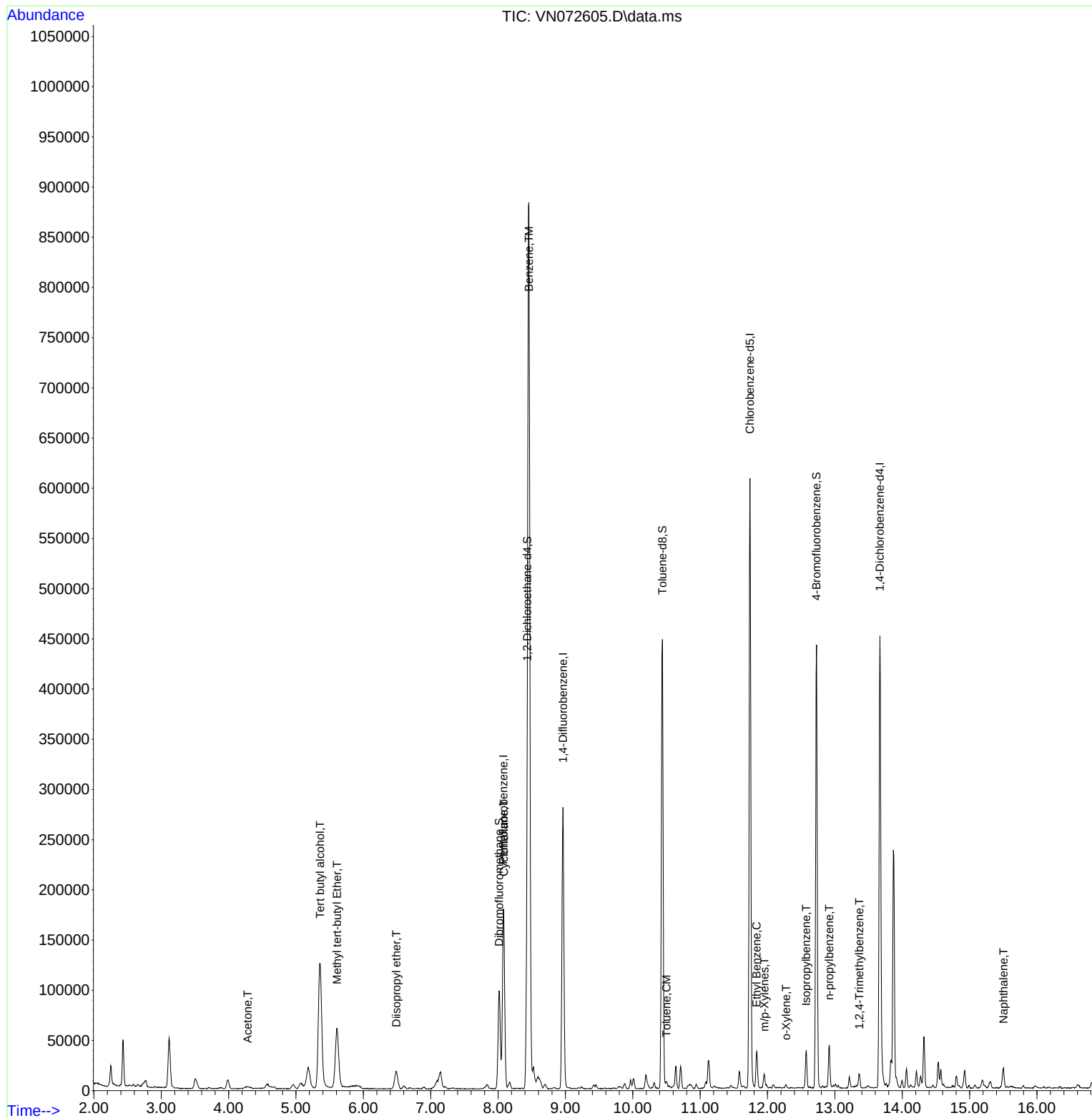
Target Compounds						Qvalue
11) Tert butyl alcohol	5.357	59	242005	860.615	ug/l	99
16) Acetone	4.281	43	3563	4.854	ug/l #	88
19) Methyl tert-butyl Ether	5.610	73	90638	22.148	ug/l #	87
22) Diisopropyl ether	6.492	45	21798	4.764	ug/l	89
31) Cyclohexane	8.086	56	10916	4.615	ug/l #	73
40) Benzene	8.457	78	894636	123.205	ug/l	99
52) Toluene	10.498	92	3023	0.657	ug/l	92
67) Ethyl Benzene	11.839	91	26759	1.907	ug/l	96
68) m/p-Xylenes	11.957	106	4477	0.837	ug/l	93
69) o-Xylene	12.274	106	1074	0.208	ug/l	84
73) Isopropylbenzene	12.574	105	24153	2.066	ug/l	99
78) n-propylbenzene	12.915	91	36086	2.784	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	7980	0.895	ug/l	97
95) Naphthalene	15.504	128	22206	2.719	ug/l	98

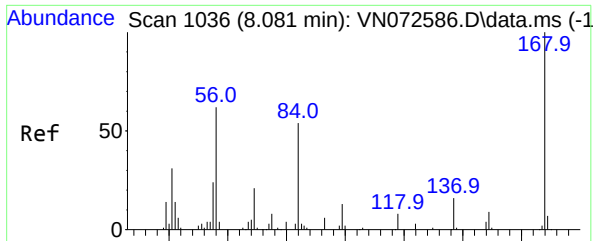
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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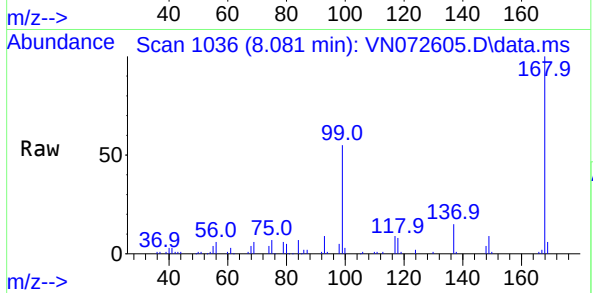
Quant Time: May 25 09:23:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration



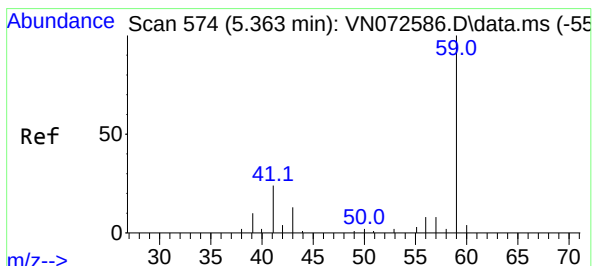
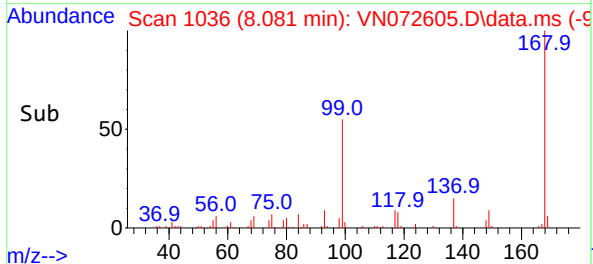
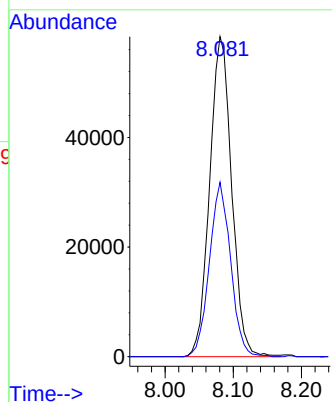


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Instrument :
MSVOA_N
ClientSampleId :
MW-28

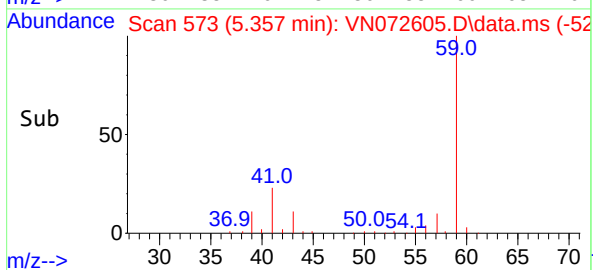
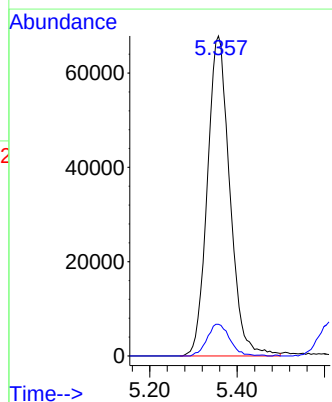
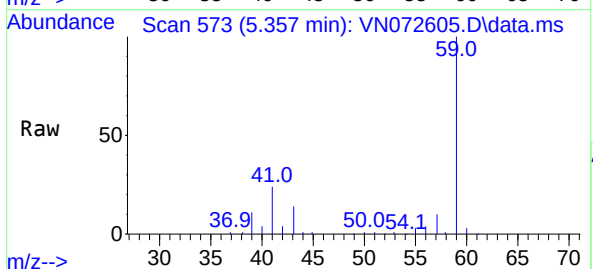


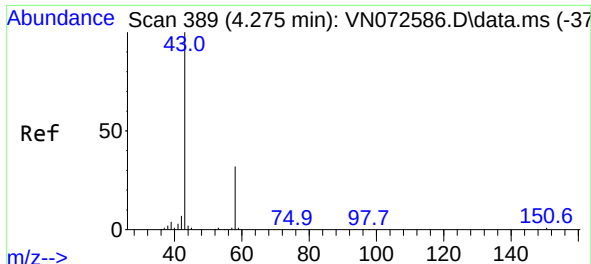
Tgt Ion:168 Resp: 131279
Ion Ratio Lower Upper
168 100
99 54.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 860.615 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.006 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion: 59 Resp: 242005
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

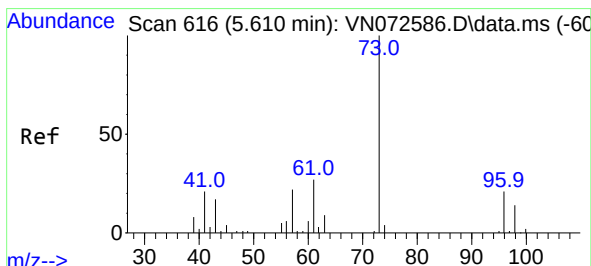
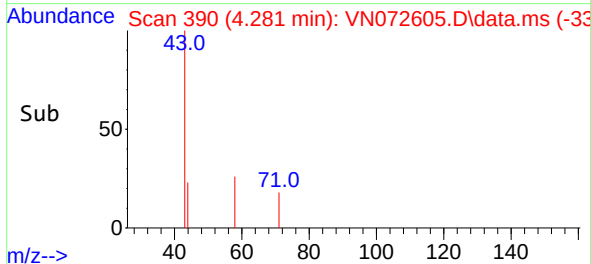
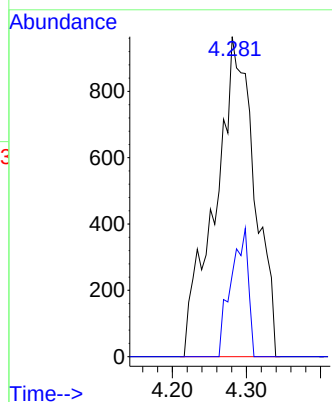
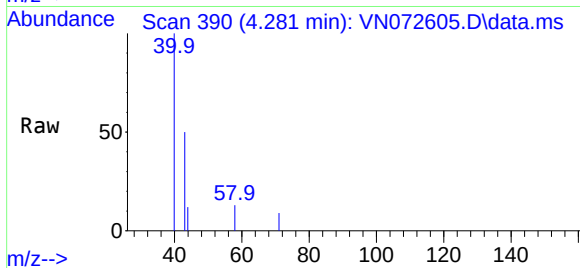




#16
Acetone
Concen: 4.854 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

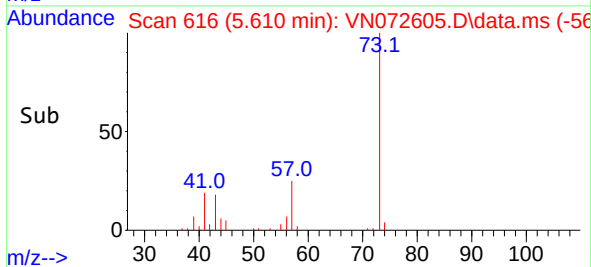
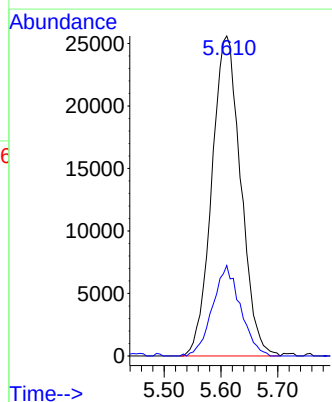
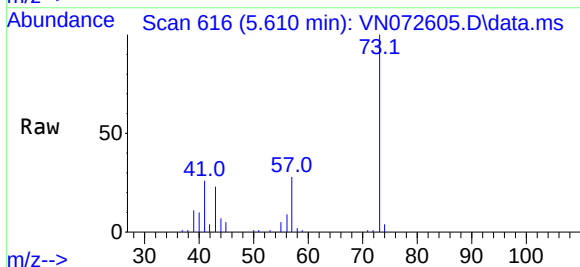
Instrument :
MSVOA_N
ClientSampleId :
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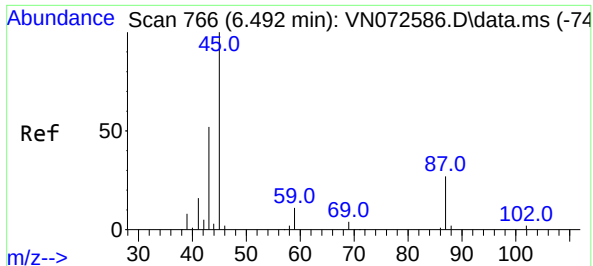
Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
58 25.6 26.0 39.0#



#19
Methyl tert-butyl Ether
Concen: 22.148 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion: 73 Resp: 90638
Ion Ratio Lower Upper
73 100
57 28.3 17.6 26.4#

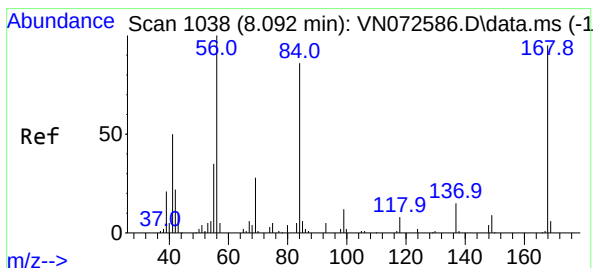
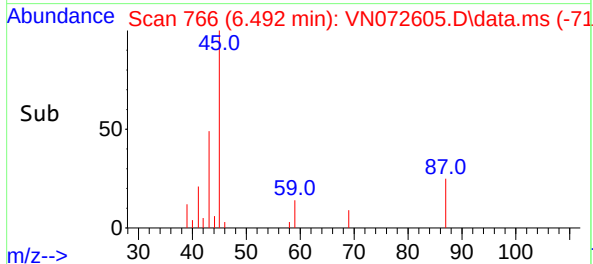
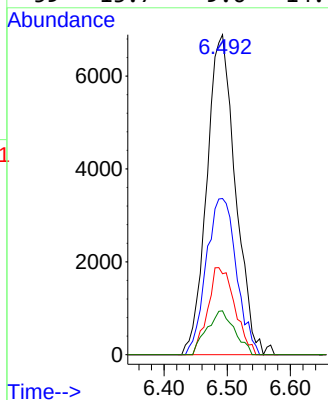
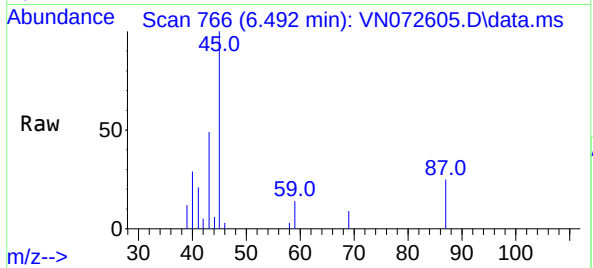




#22
Diisopropyl ether
Concen: 4.764 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

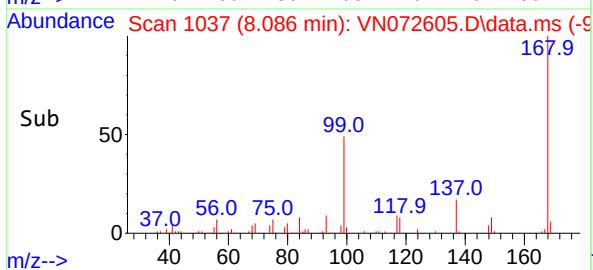
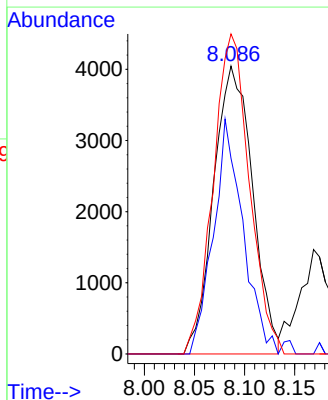
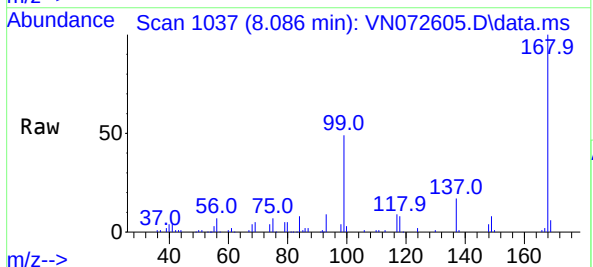
Instrument :
MSVOA_N
ClientSampleId :
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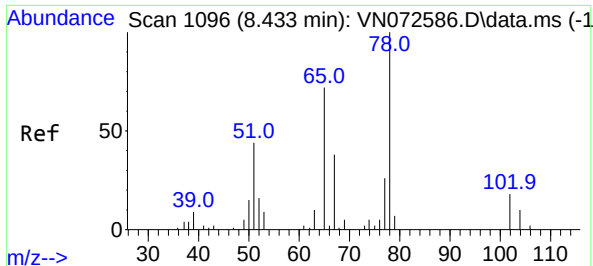
Tgt Ion:	45	Resp:	21798
Ion	Ratio	Lower	Upper
45	100		
43	48.8	46.6	70.0
87	25.3	24.3	36.5
59	13.7	9.6	14.4



#31
Cyclohexane
Concen: 4.615 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion:	56	Resp:	10916
Ion	Ratio	Lower	Upper
56	100		
69	68.0	27.8	41.8#
84	111.1	76.9	115.3

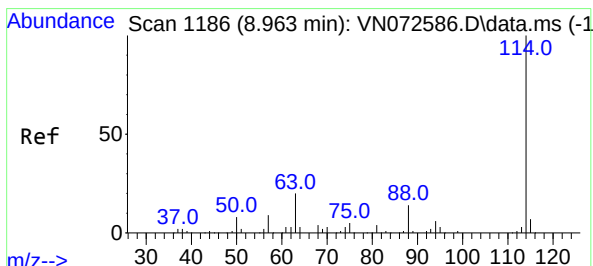
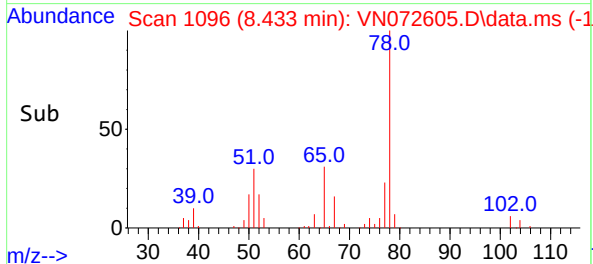
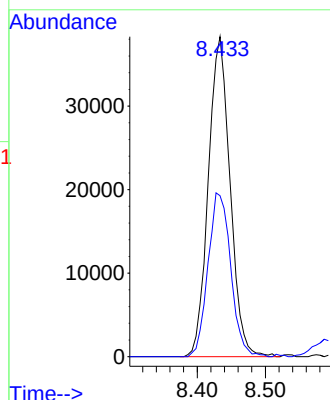
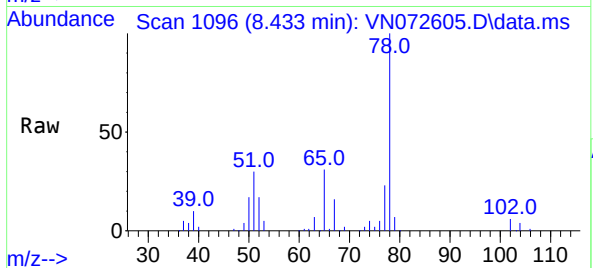




#33
1,2-Dichloroethane-d4
Concen: 57.021 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

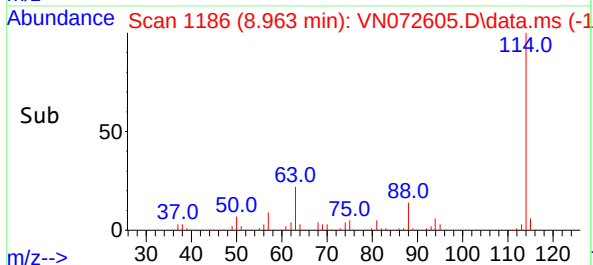
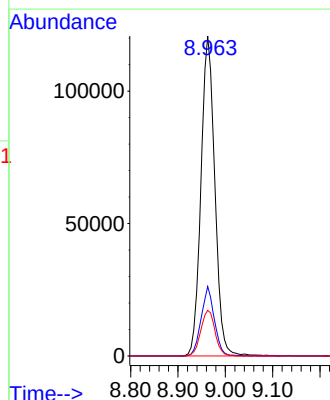
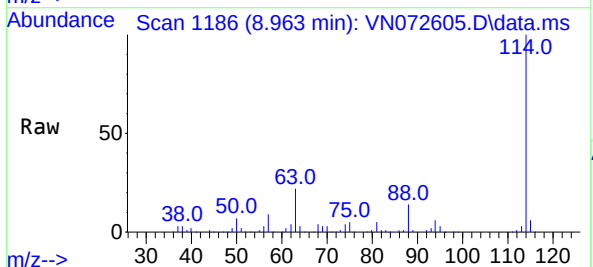
Instrument :
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ClientSampleId :
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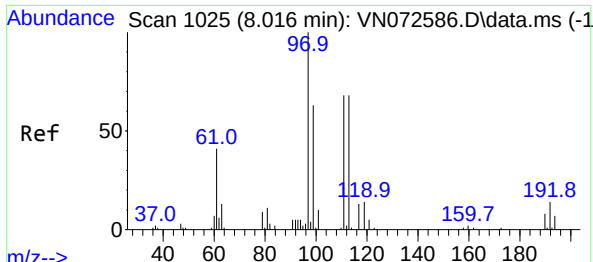
Tgt Ion: 65 Resp: 85150
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion:114 Resp: 245409
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.0
88 14.2 0.0 32.6

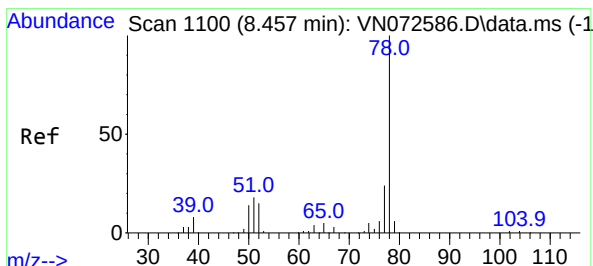
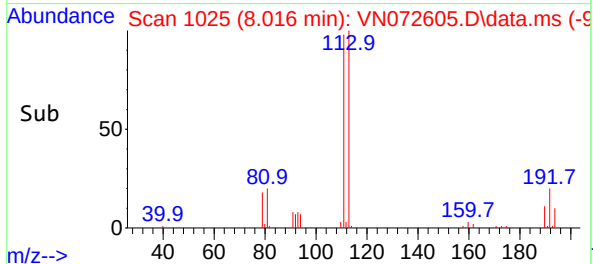
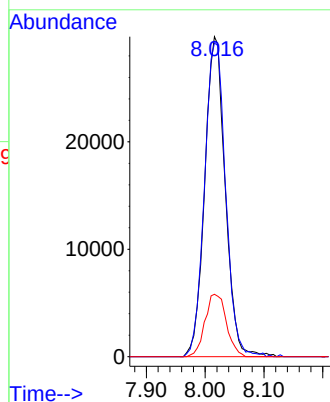
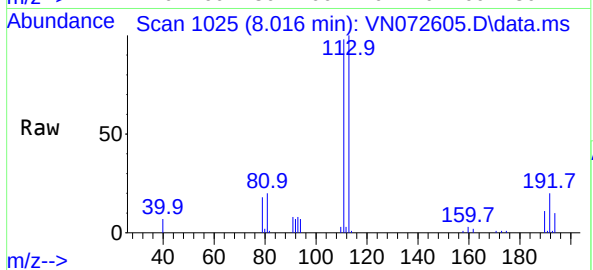




#35
Dibromofluoromethane
Concen: 45.367 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

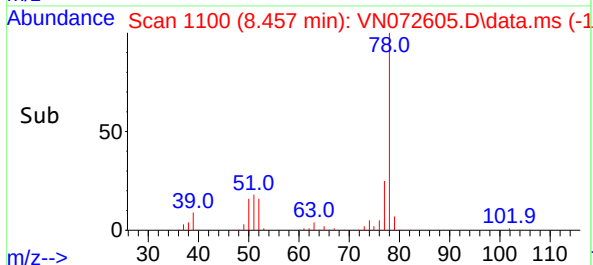
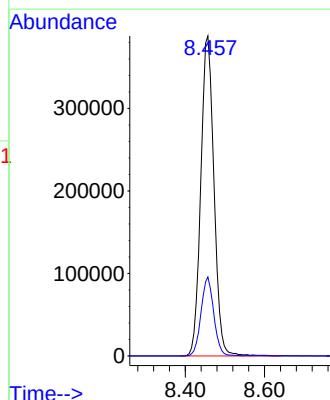
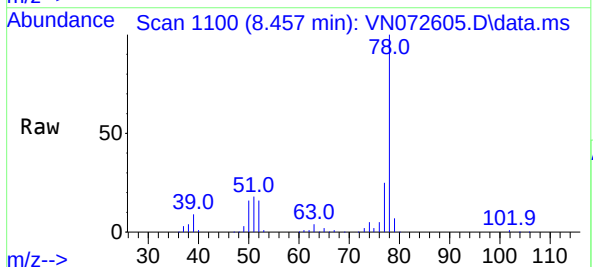
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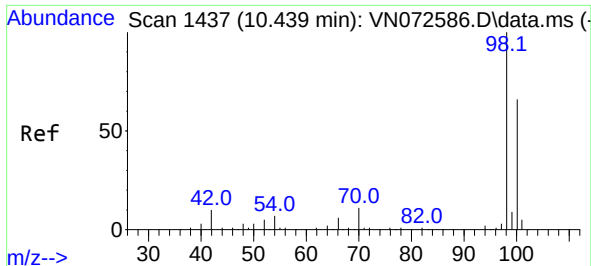
Tgt Ion:113 Resp: 72160
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 20.3 17.0 25.6



#40
Benzene
Concen: 123.205 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion: 78 Resp: 894636
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0

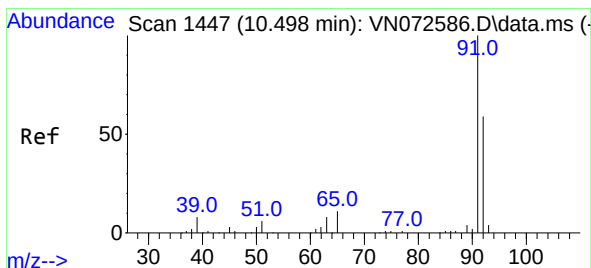
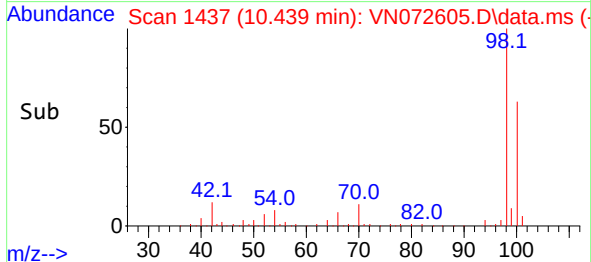
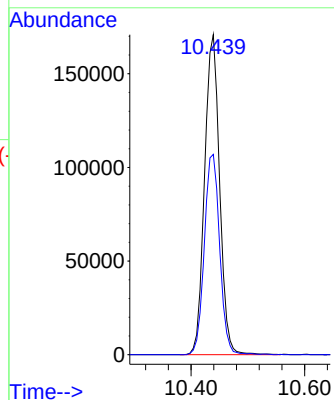
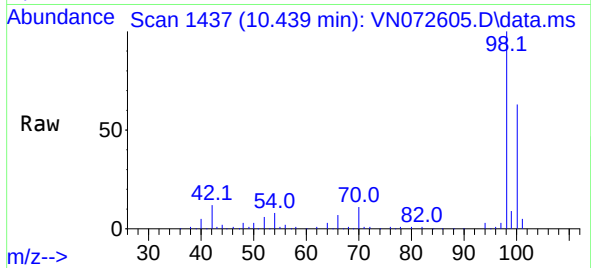




#50
Toluene-d8
Concen: 51.609 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

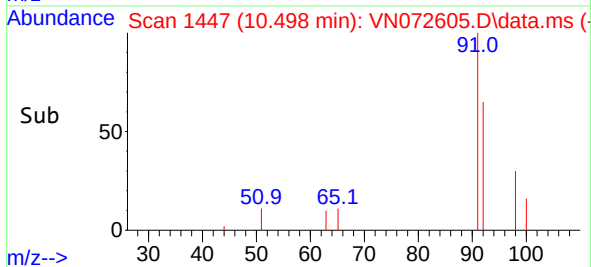
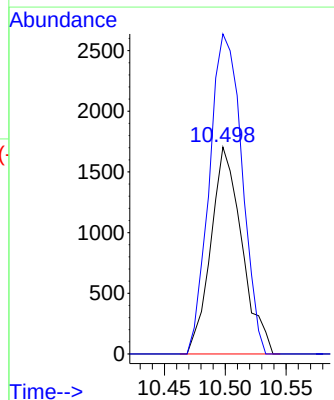
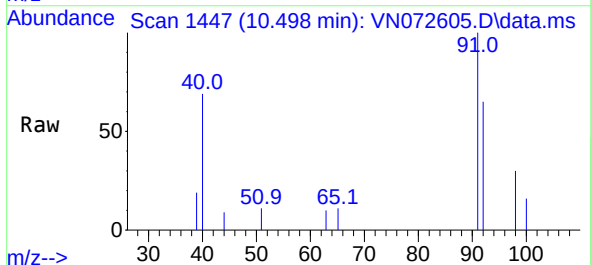
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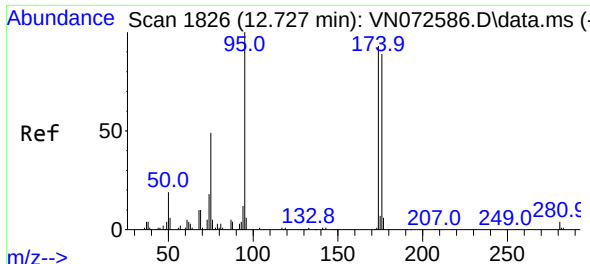
Tgt Ion: 98 Resp: 313440
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#52
Toluene
Concen: 0.657 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion: 92 Resp: 3023
Ion Ratio Lower Upper
92 100
91 162.3 138.6 207.8

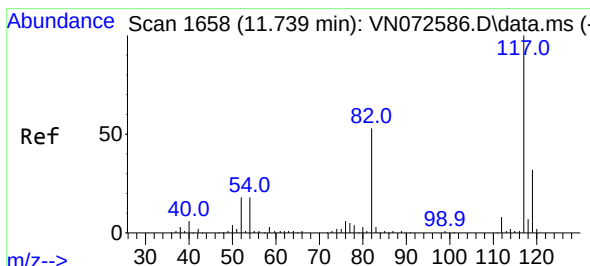
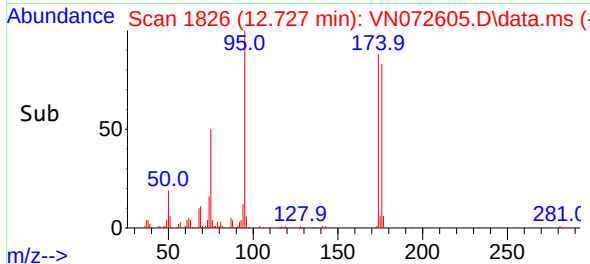
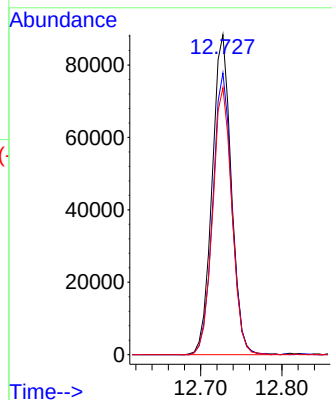
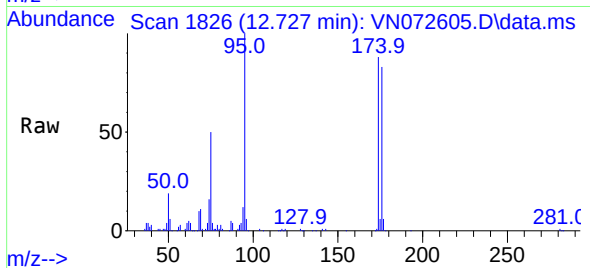




#62
4-Bromofluorobenzene
Concen: 73.138 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

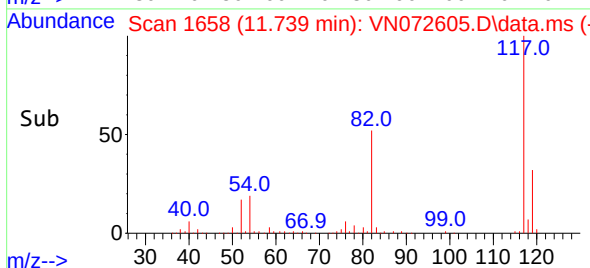
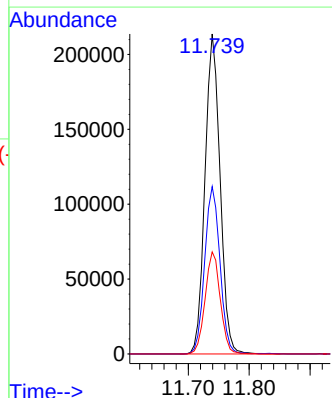
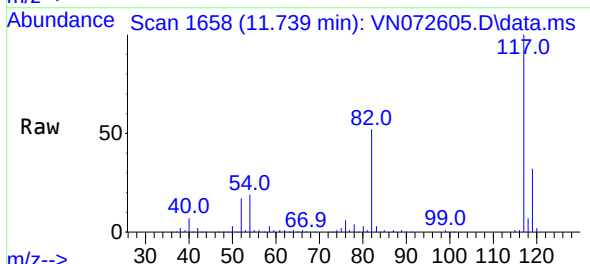
Instrument :
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ClientSampleId :
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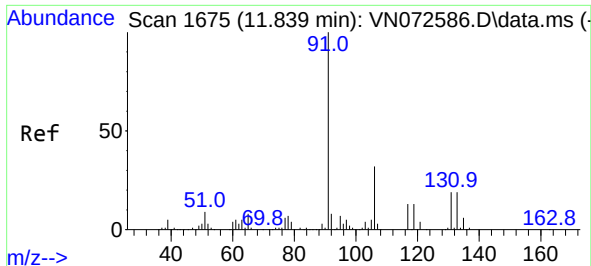
Tgt Ion: 95 Resp: 144468
Ion Ratio Lower Upper
95 100
174 87.5 0.0 167.6
176 83.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion: 117 Resp: 368399
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 31.9 25.4 38.0

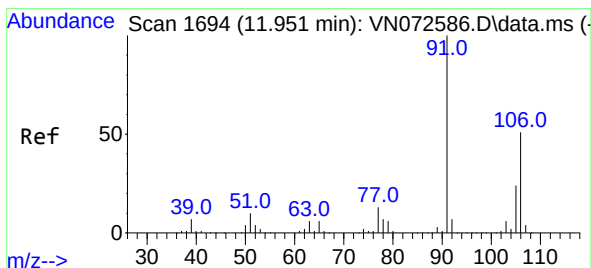
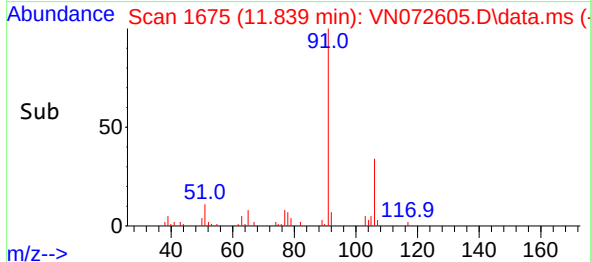
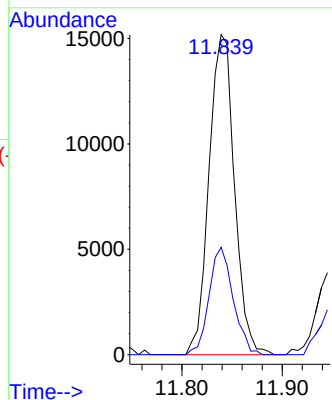
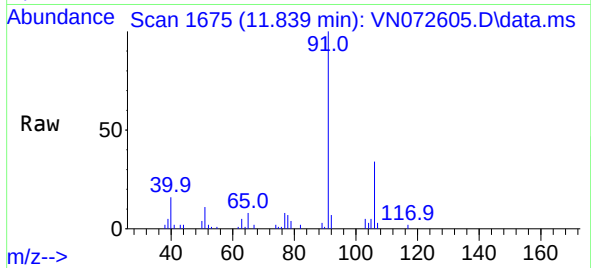




#67
Ethyl Benzene
Concen: 1.907 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

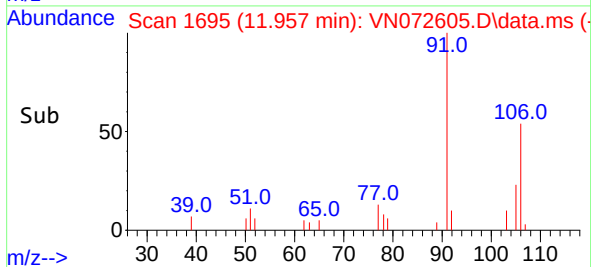
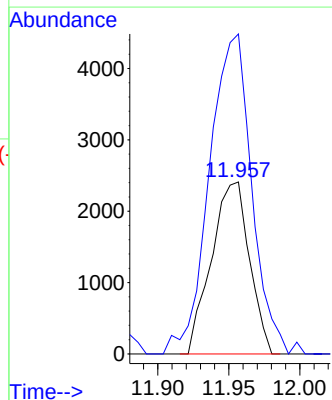
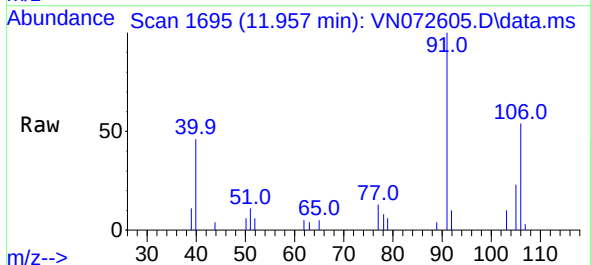
Instrument :
MSVOA_N
ClientSampleId :
MW-28

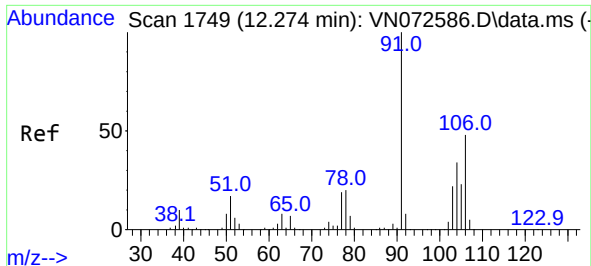
Tgt Ion: 91 Resp: 26759
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3



#68
m/p-Xylenes
Concen: 0.837 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion:106 Resp: 4477
Ion Ratio Lower Upper
106 100
91 208.7 158.9 238.3

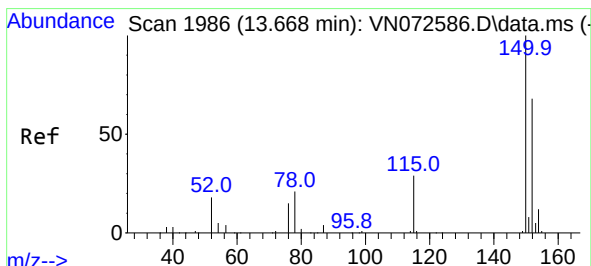
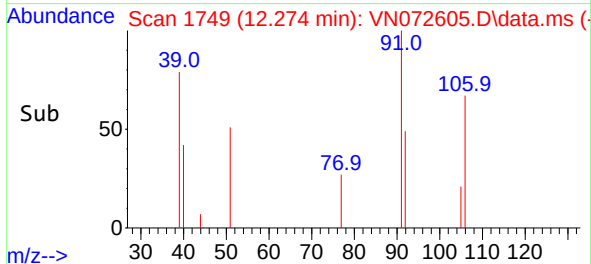
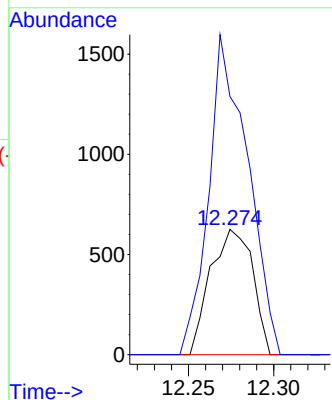
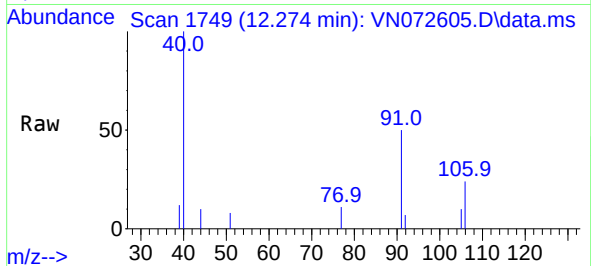




#69
o-Xylene
Concen: 0.208 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

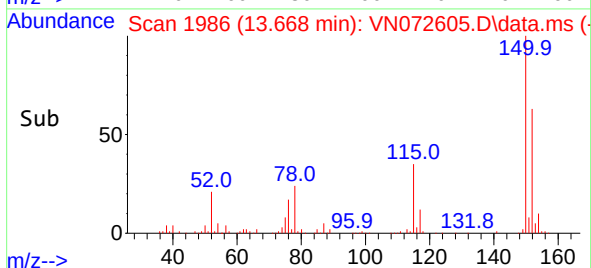
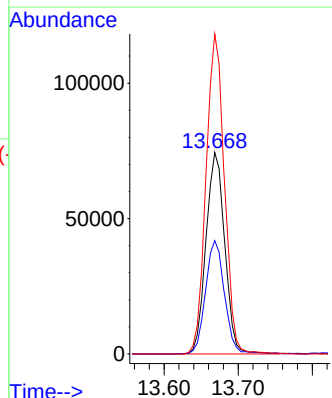
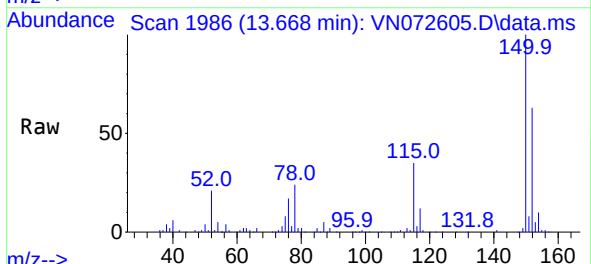
Instrument :
MSVOA_N
ClientSampleId :
MW-28

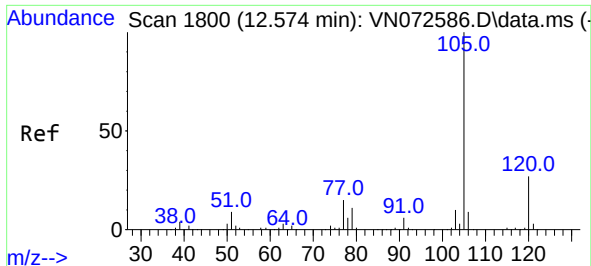
Tgt Ion:106 Resp: 1074
Ion Ratio Lower Upper
106 100
91 236.6 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion:152 Resp: 131225
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 155.4 0.0 356.2

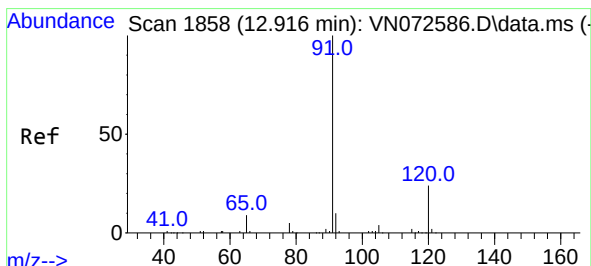
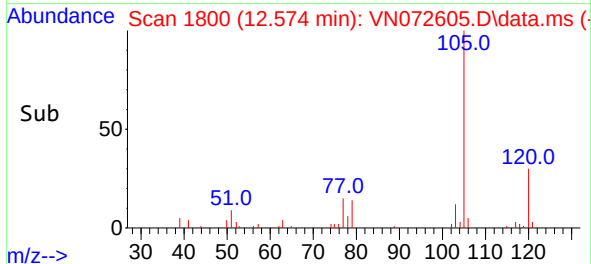
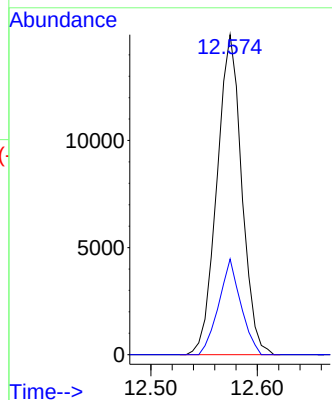
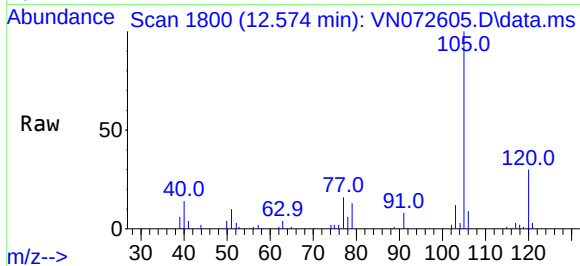




#73
Isopropylbenzene
Concen: 2.066 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

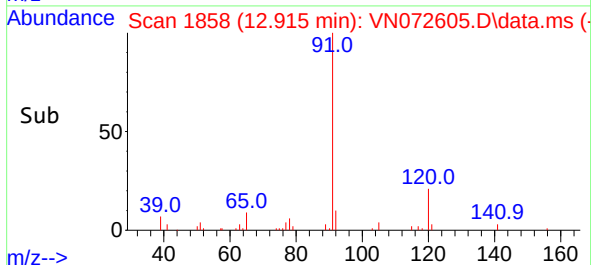
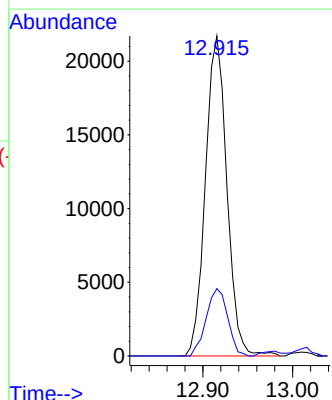
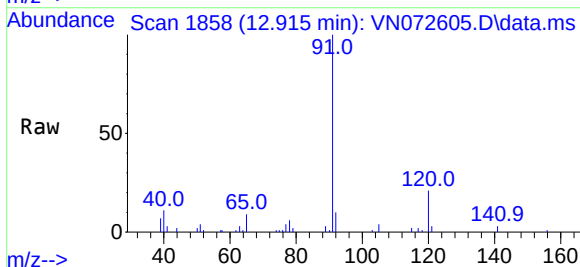
Instrument :
MSVOA_N
ClientSampleId :
MW-28

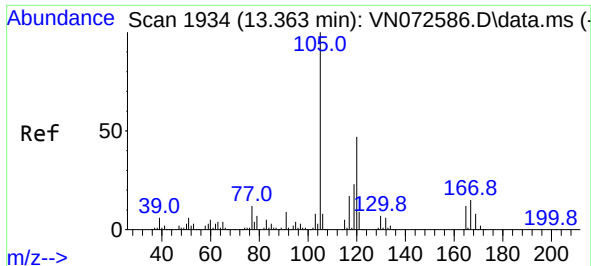
Tgt Ion:105 Resp: 24153
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#78
n-propylbenzene
Concen: 2.784 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion: 91 Resp: 36086
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5

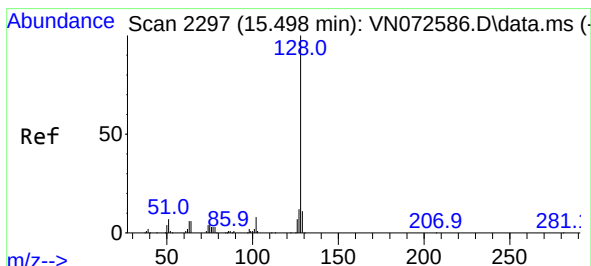
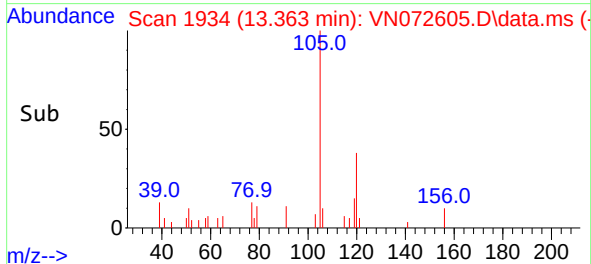
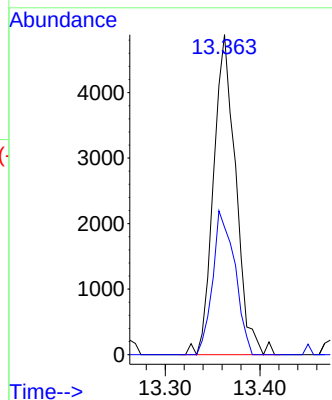
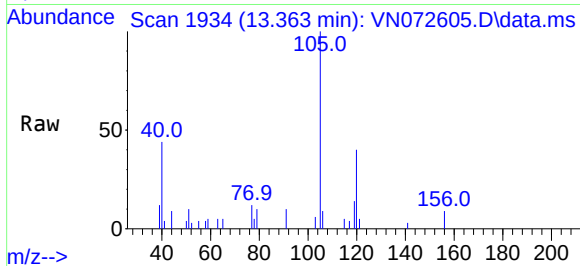




#84
1,2,4-Trimethylbenzene
Concen: 0.895 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Instrument :
MSVOA_N
ClientSampleId :
MW-28

Tgt Ion:105 Resp: 7980
Ion Ratio Lower Upper
105 100
120 44.6 23.3 69.8



#95
Naphthalene
Concen: 2.719 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072605.D
Acq: 24 May 2022 22:55

Tgt Ion:128 Resp: 22206
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 10.3 8.6 13.0

