

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072299.D
 Acq On : 02 May 2022 17:11
 Operator : JC\MD
 Sample : N2653-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30992

Quant Time: May 03 03:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	205882	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	335399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	298833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	105729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	162227	51.326	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.660%
35) Dibromofluoromethane	8.016	113	104263	48.568	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.140%
50) Toluene-d8	10.439	98	376034	44.578	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.160%
62) 4-Bromofluorobenzene	12.727	95	127950	45.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.400%

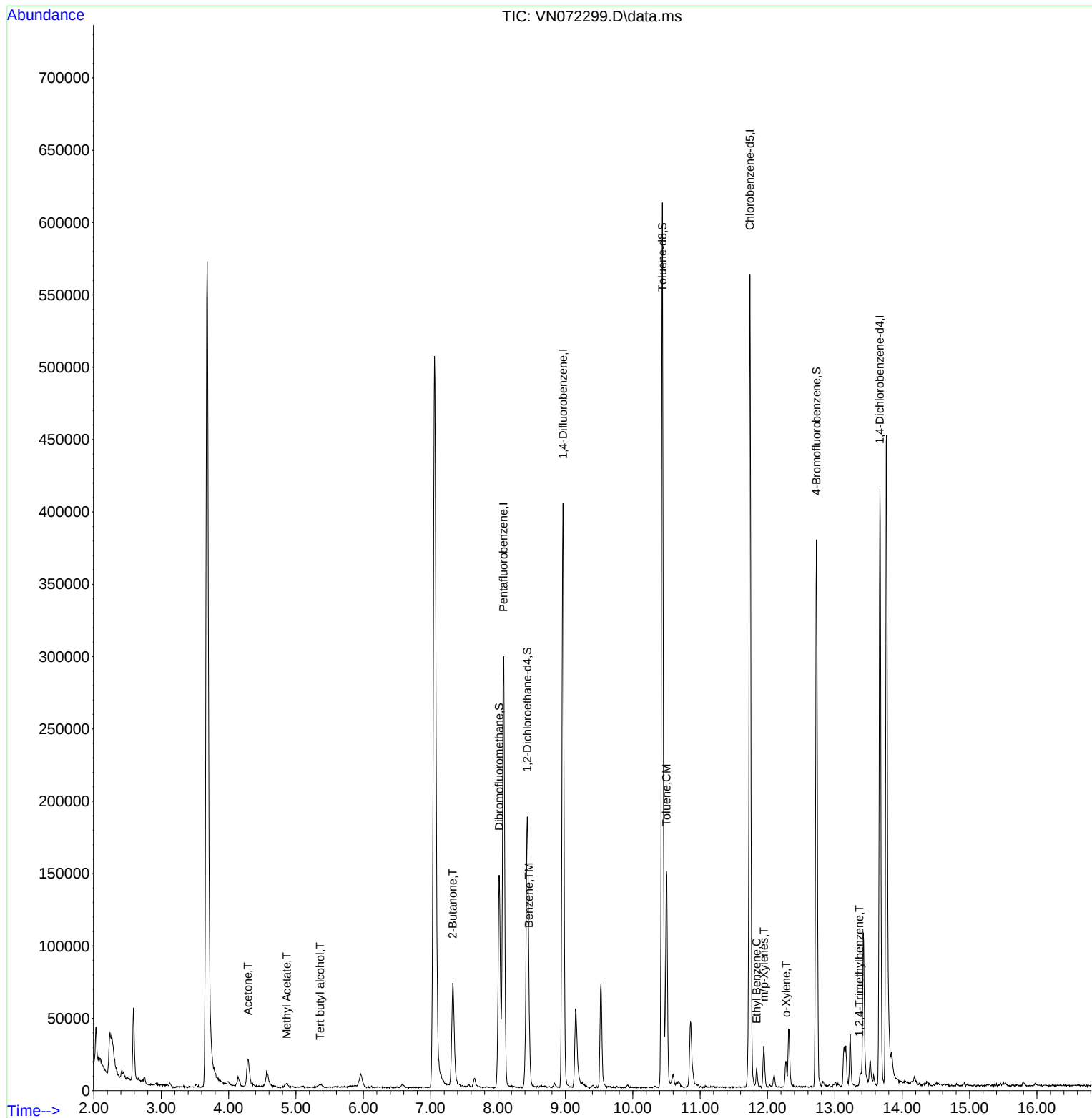
Target Compounds						Qvalue
11) Tert butyl alcohol	5.357	59	4841	9.320	ug/l	# 81
16) Acetone	4.287	43	37436	27.471	ug/l	# 86
18) Methyl Acetate	4.863	43	5988	1.533	ug/l	# 70
25) 2-Butanone	7.328	43	114414	52.720	ug/l	98
40) Benzene	8.457	78	27911	2.880	ug/l	95
52) Toluene	10.498	92	62961	10.866	ug/l	97
67) Ethyl Benzene	11.839	91	8236	0.782	ug/l	97
68) m/p-Xylenes	11.945	106	8041	2.056	ug/l	80
69) o-Xylene	12.275	106	2782	0.734	ug/l	71
84) 1,2,4-Trimethylbenzene	13.363	105	2545	0.338	ug/l	79

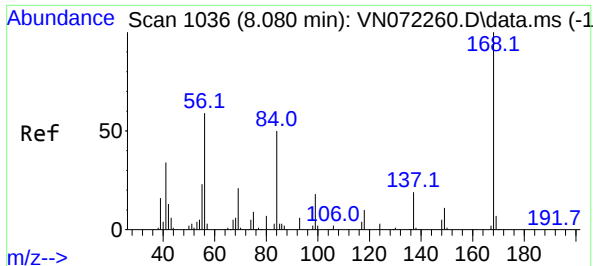
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

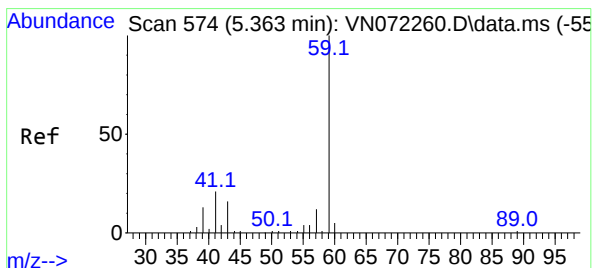
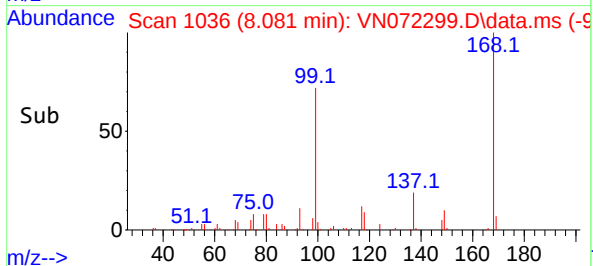
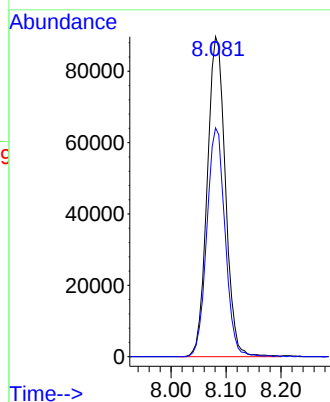
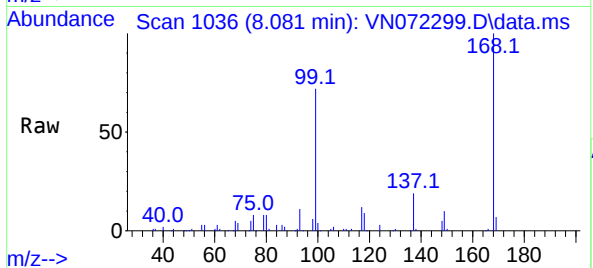




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

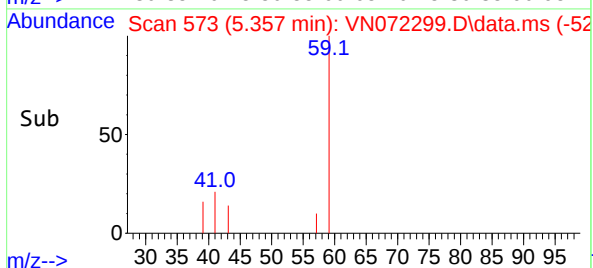
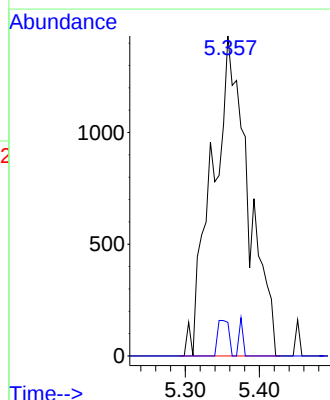
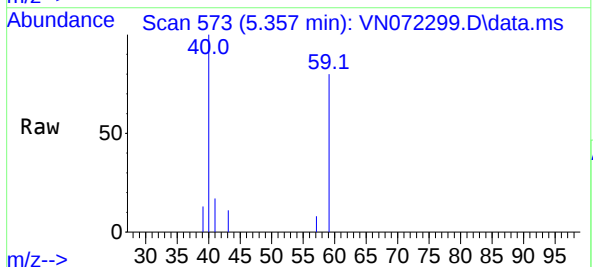
Instrument :
MSVOA_N
ClientSampleId :
30992

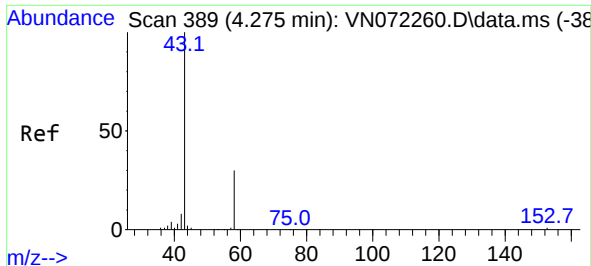
Tgt Ion:168 Resp: 205882
Ion Ratio Lower Upper
168 100
99 71.5 42.3 63.5#



#11
Tert butyl alcohol
Concen: 9.320 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.006 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Tgt Ion: 59 Resp: 4841
Ion Ratio Lower Upper
59 100
57 3.4 8.3 12.5#

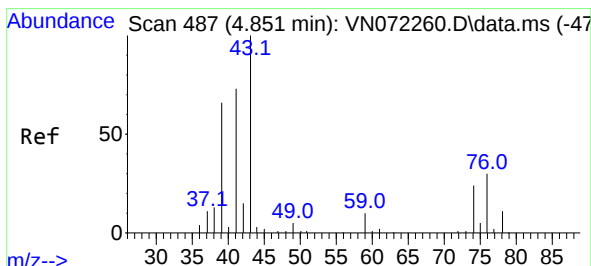
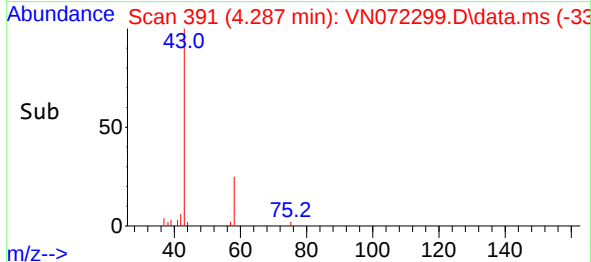
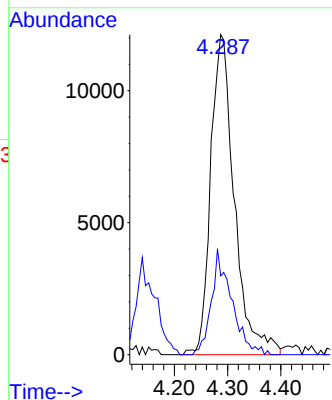
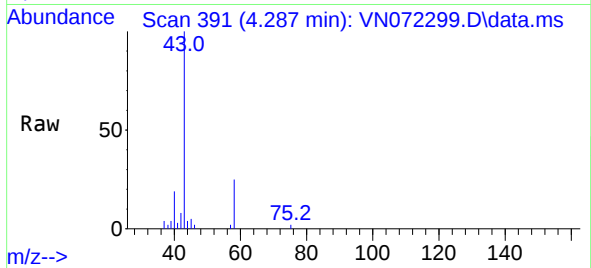




#16
Acetone
Concen: 27.471 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

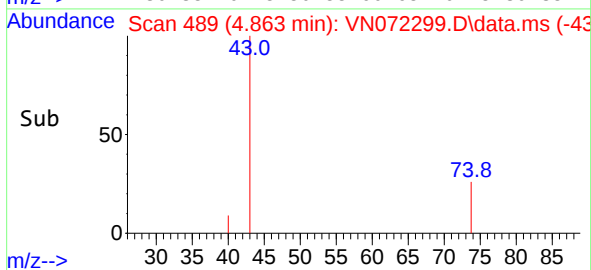
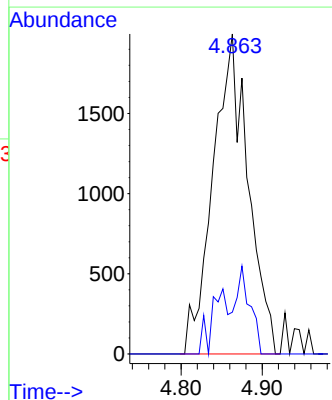
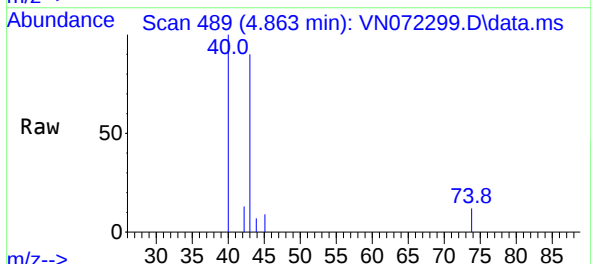
Instrument :
MSVOA_N
ClientSampleId :
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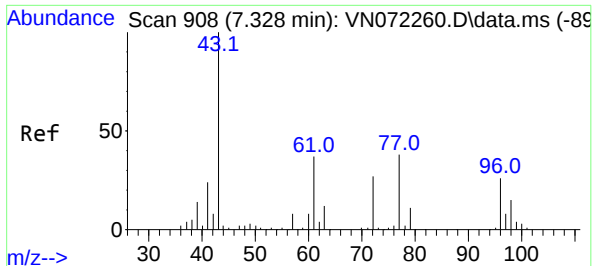
Tgt Ion: 43 Resp: 37436
Ion Ratio Lower Upper
43 100
58 24.7 26.0 39.0#



#18
Methyl Acetate
Concen: 1.533 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Tgt Ion: 43 Resp: 5988
Ion Ratio Lower Upper
43 100
74 11.7 21.6 32.4#





#25

2-Butanone

Concen: 52.720 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072299.D

Acq: 02 May 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

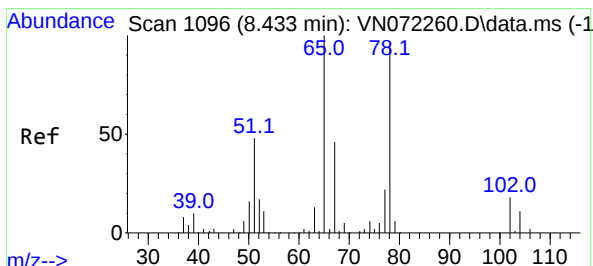
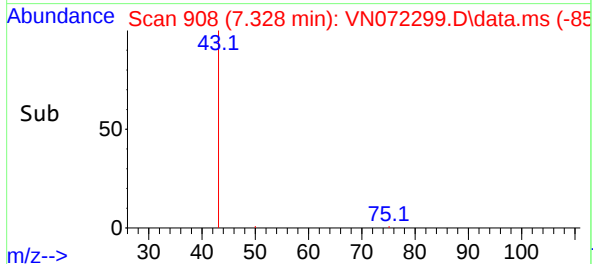
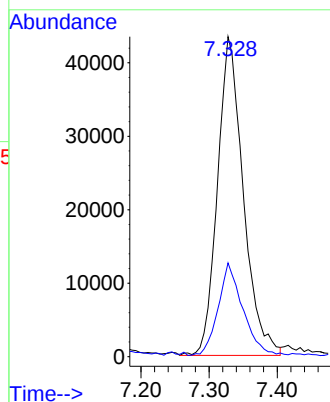
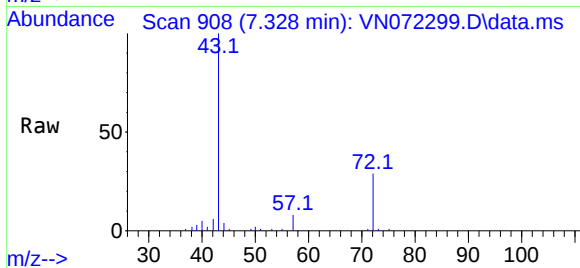
30992

Tgt Ion: 43 Resp: 114414

Ion Ratio Lower Upper

43 100

72 28.7 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 51.326 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072299.D

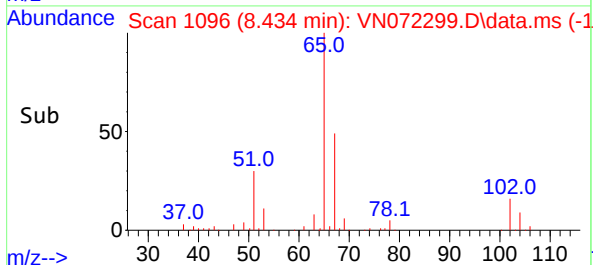
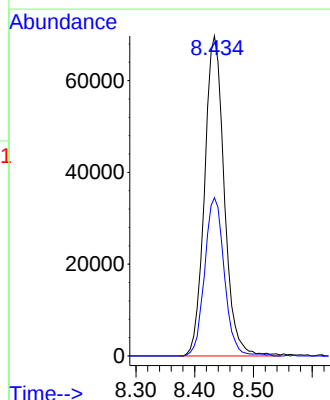
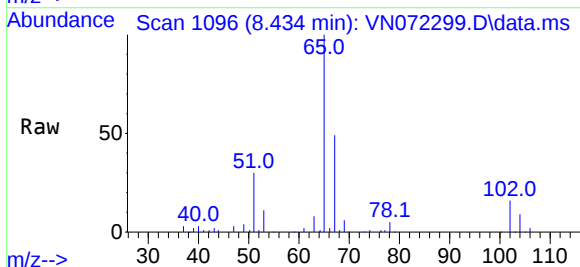
Acq: 02 May 2022 17:11

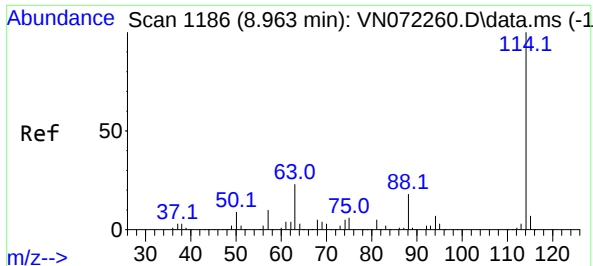
Tgt Ion: 65 Resp: 162227

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.8

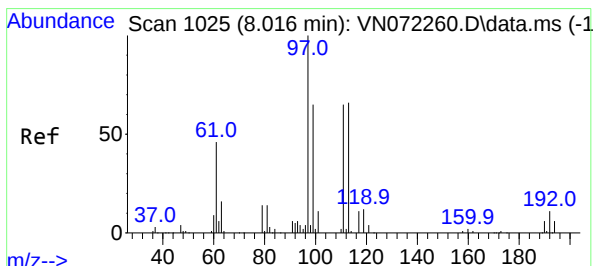
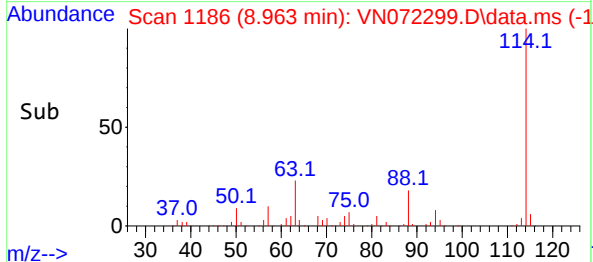
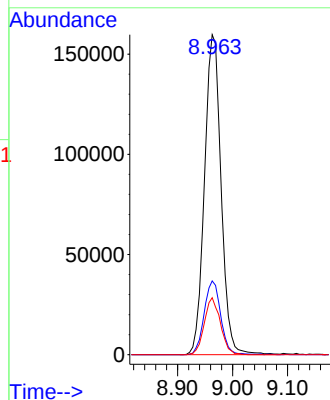
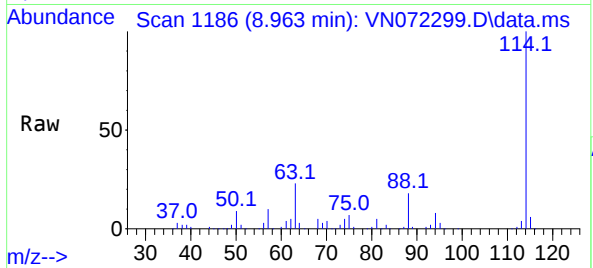




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

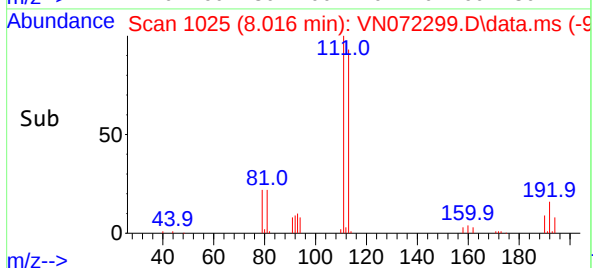
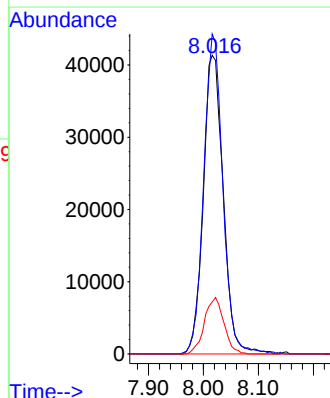
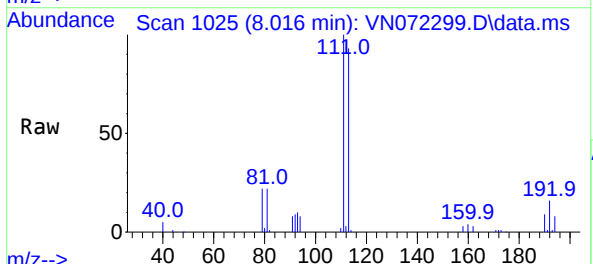
Instrument :
MSVOA_N
ClientSampleId :
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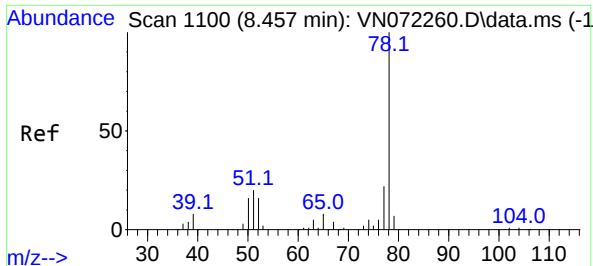
Tgt Ion:114 Resp: 335399
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.0
88 17.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.568 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Tgt Ion:113 Resp: 104263
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 18.5 17.0 25.6

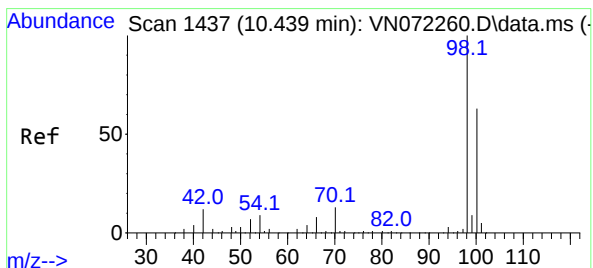
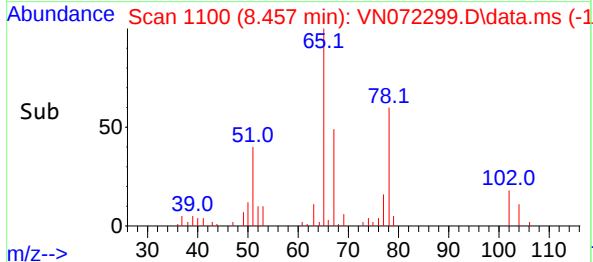
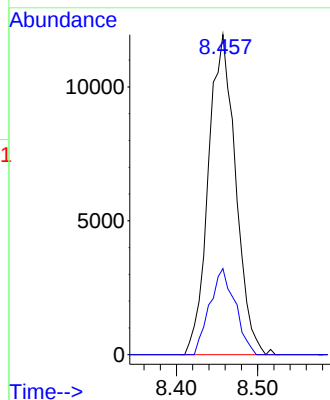
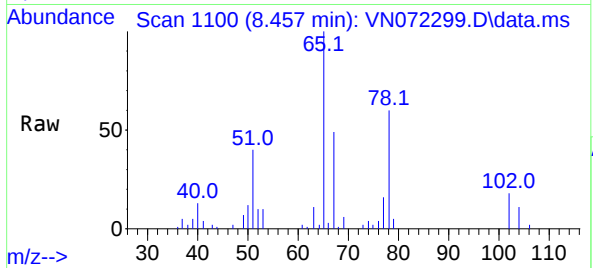




#40
Benzene
Concen: 2.880 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

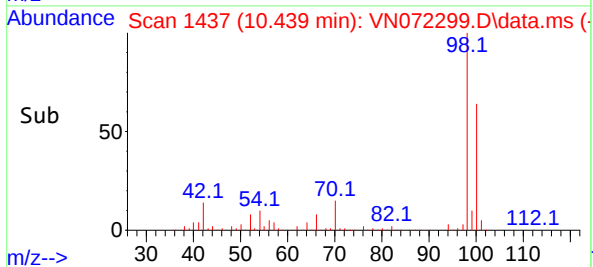
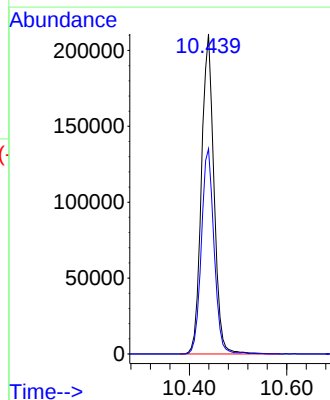
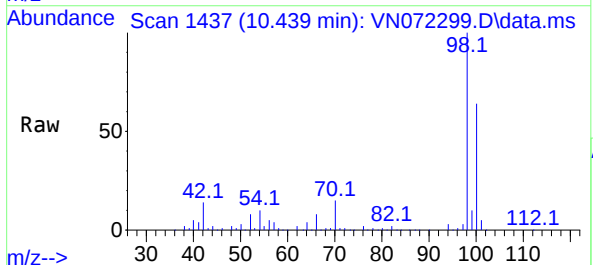
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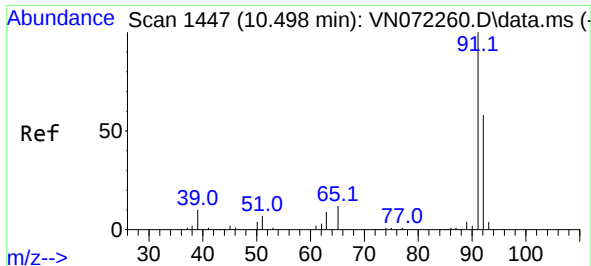
Tgt Ion: 78 Resp: 27911
Ion Ratio Lower Upper
78 100
77 26.9 19.4 29.0



#50
Toluene-d8
Concen: 44.578 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Tgt Ion: 98 Resp: 376034
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

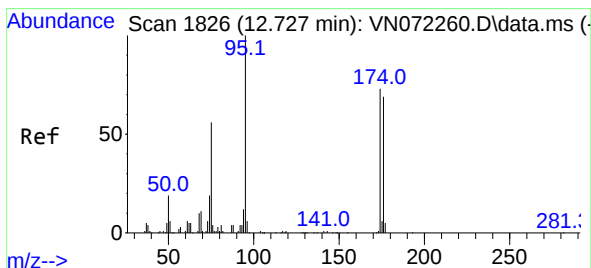
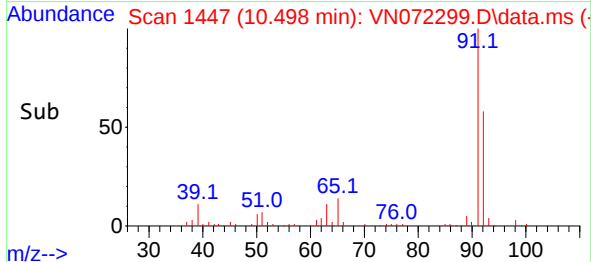
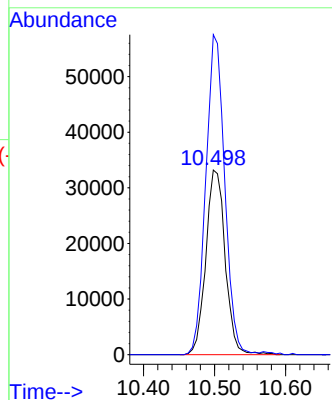
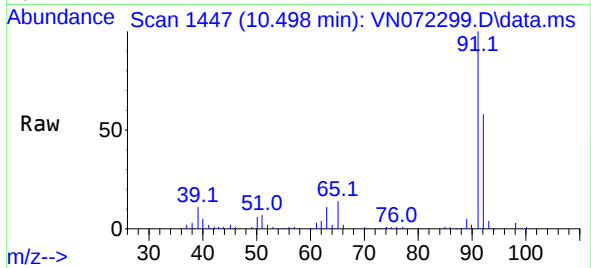




#52
Toluene
Concen: 10.866 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

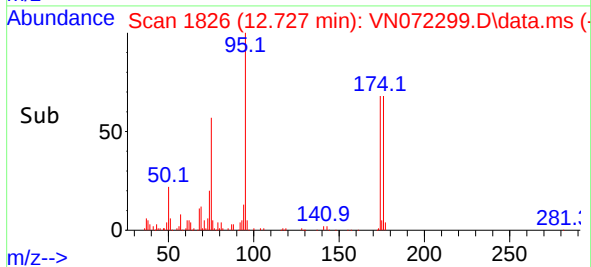
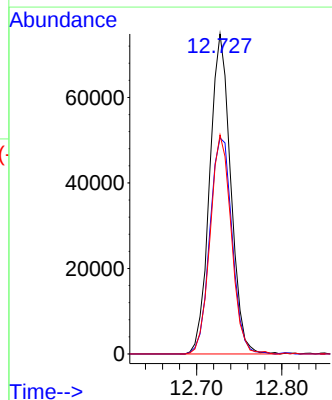
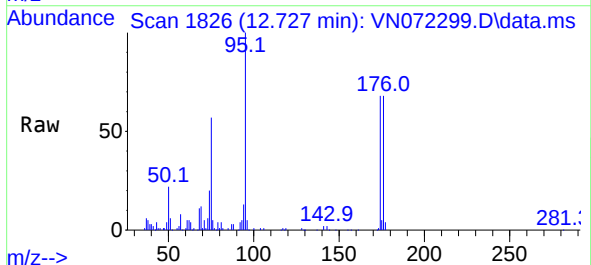
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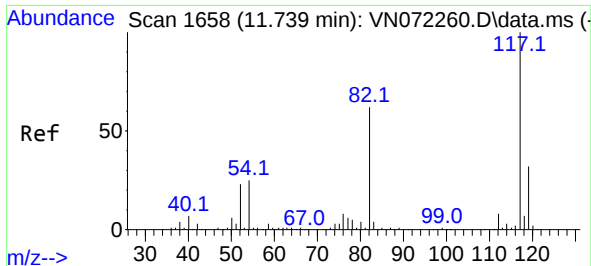
Tgt Ion: 92 Resp: 62961
Ion Ratio Lower Upper
92 100
91 169.4 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 45.698 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Tgt Ion: 95 Resp: 127950
Ion Ratio Lower Upper
95 100
174 71.7 0.0 167.6
176 69.0 0.0 163.4

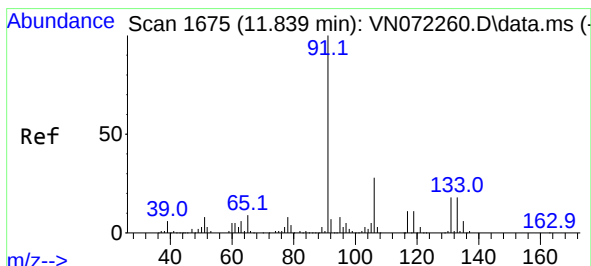
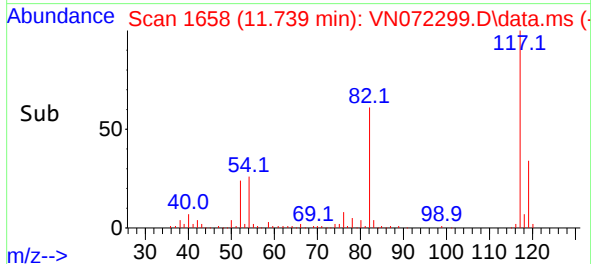
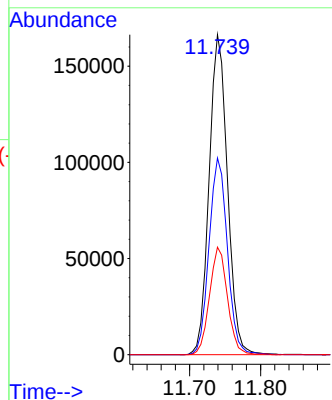
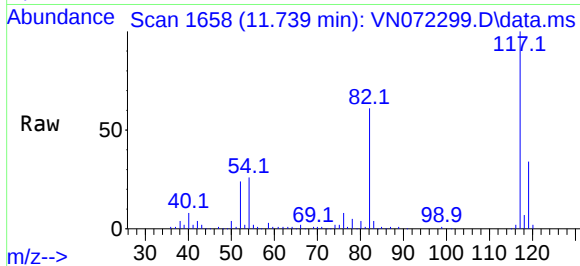




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

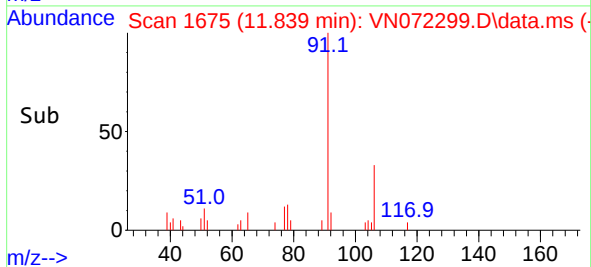
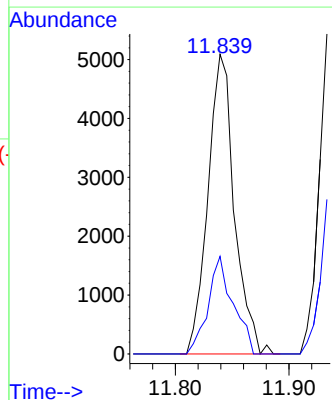
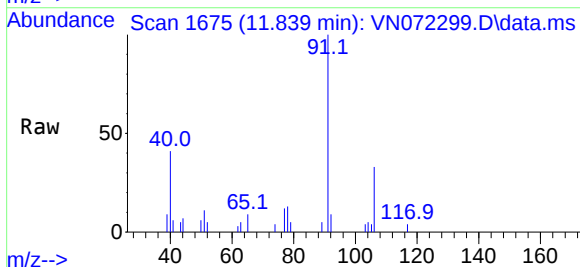
Instrument :
MSVOA_N
ClientSampleId :
30992

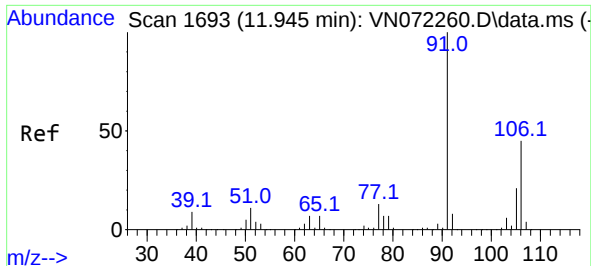
Tgt Ion:117 Resp: 298833
Ion Ratio Lower Upper
117 100
82 61.5 44.2 66.2
119 33.6 25.4 38.0



#67
Ethyl Benzene
Concen: 0.782 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Tgt Ion: 91 Resp: 8236
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

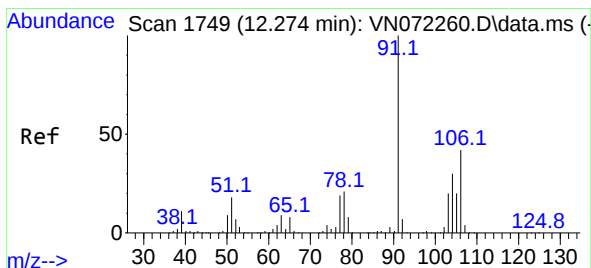
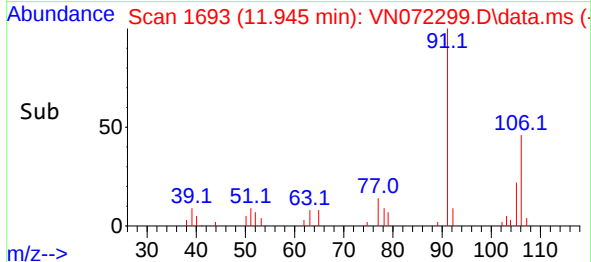
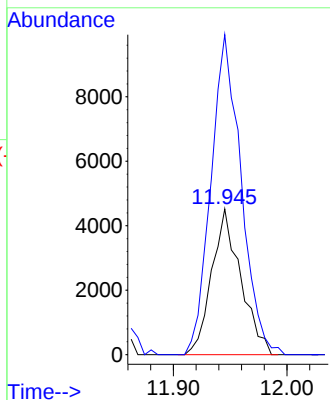
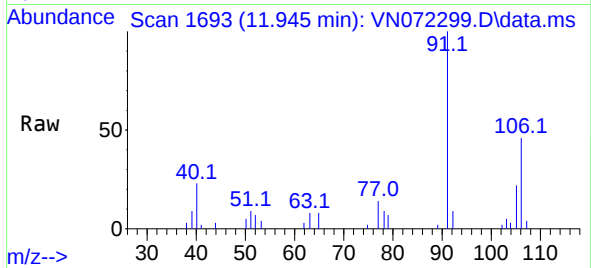




#68
m/p-Xylenes
Concen: 2.056 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

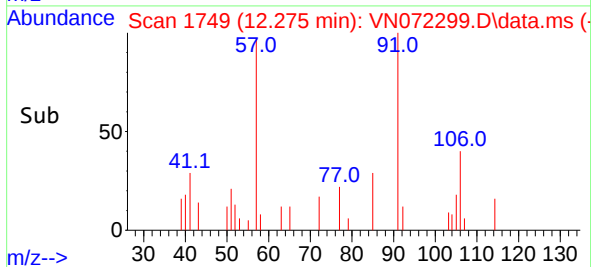
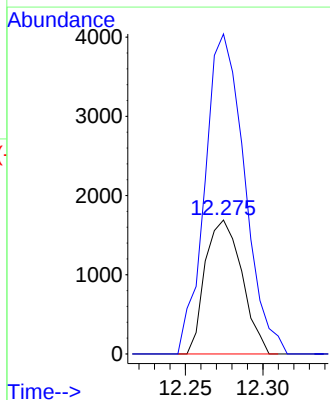
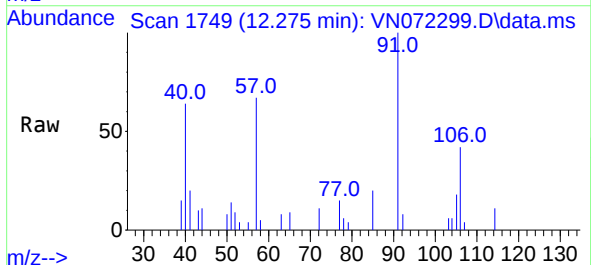
Instrument :
MSVOA_N
ClientSampleId :
30992

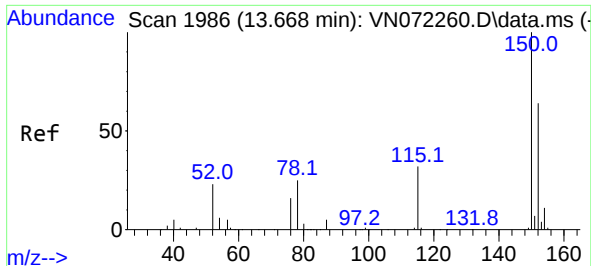
Tgt Ion:106 Resp: 8041
Ion Ratio Lower Upper
106 100
91 228.3 158.9 238.3



#69
o-Xylene
Concen: 0.734 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Tgt Ion:106 Resp: 2782
Ion Ratio Lower Upper
106 100
91 257.7 106.0 318.0

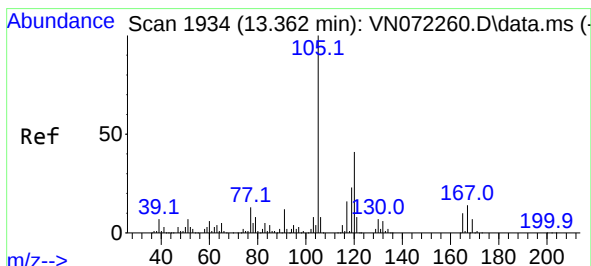
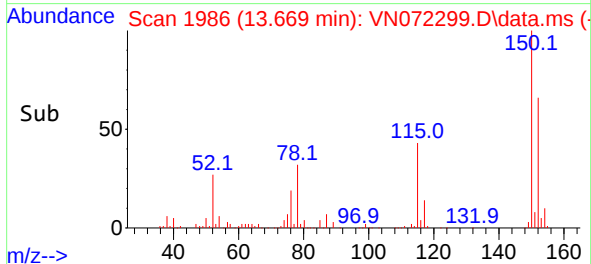
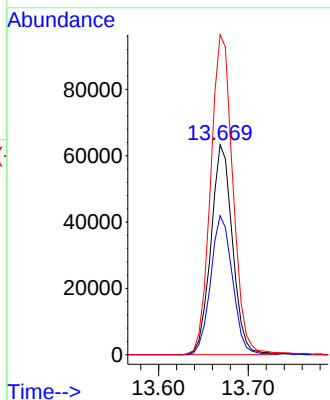
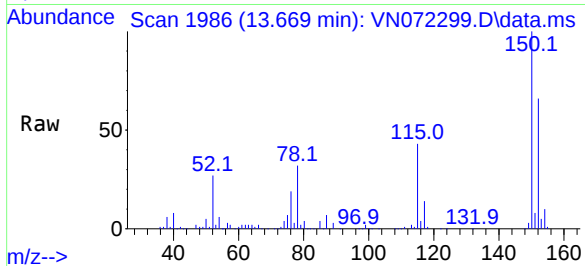




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
30992

Tgt Ion:152 Resp: 105729
Ion Ratio Lower Upper
152 100
115 67.2 28.9 86.7
150 158.1 0.0 356.2



#84
1,2,4-Trimethylbenzene
Concen: 0.338 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072299.D
Acq: 02 May 2022 17:11

Tgt Ion:105 Resp: 2545
Ion Ratio Lower Upper
105 100
120 32.3 23.3 69.8

