

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080166.D
 Acq On : 17 Nov 2023 16:29
 Operator : JC\MD
 Sample : 05462-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-28

Quant Time: Nov 18 02:32:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

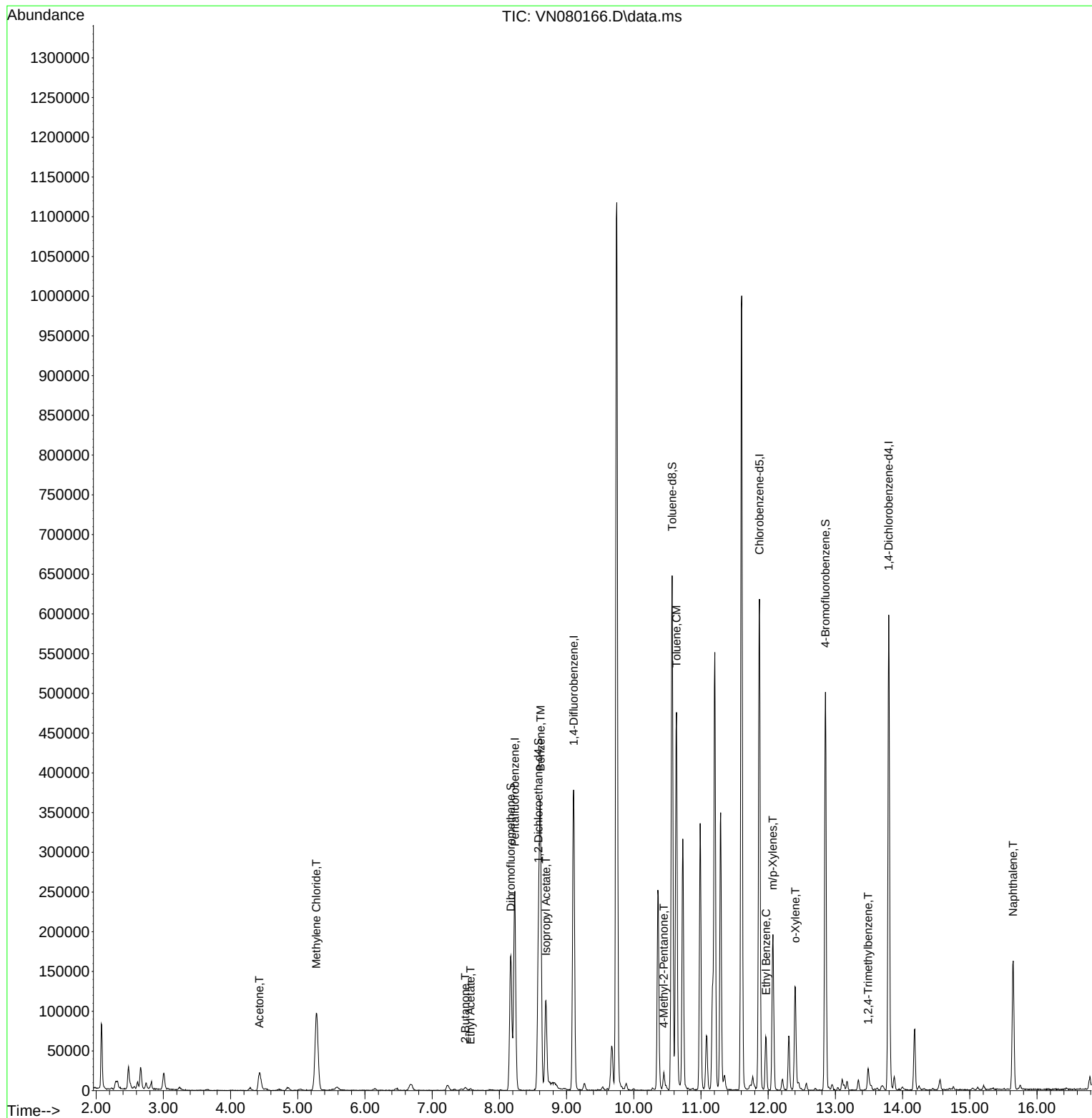
Internal Standards						
1) Pentafluorobenzene	8.230	168	167824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	349216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152202	54.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.860%	
35) Dibromofluoromethane	8.171	113	119485	49.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.700%	
50) Toluene-d8	10.571	98	442018	51.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.853	95	173043	53.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	43490	46.727	ug/l	92
20) Methylene Chloride	5.277	84	84604	43.407	ug/l	89
25) 2-Butanone	7.494	43	5876	5.314	ug/l	91
37) Ethyl Acetate	7.571	43	3037	1.262	ug/l #	73
40) Benzene	8.612	78	335824	34.048	ug/l	99
43) Isopropyl Acetate	8.694	43	131610	28.096	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	15801	6.515	ug/l #	80
52) Toluene	10.635	92	213629	34.609	ug/l	96
67) Ethyl Benzene	11.970	91	39642	2.815	ug/l	92
68) m/p-Xylenes	12.070	106	59199	11.531	ug/l	90
69) o-Xylene	12.406	106	33083	6.838	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	16730	1.619	ug/l	89
95) Naphthalene	15.647	128	150795	17.067	ug/l	99

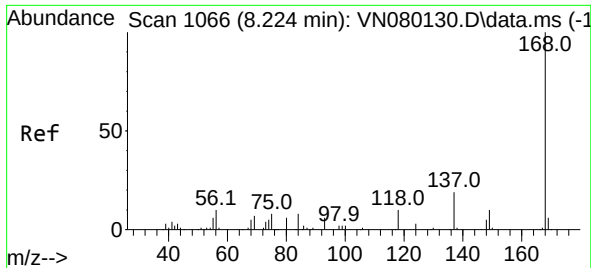
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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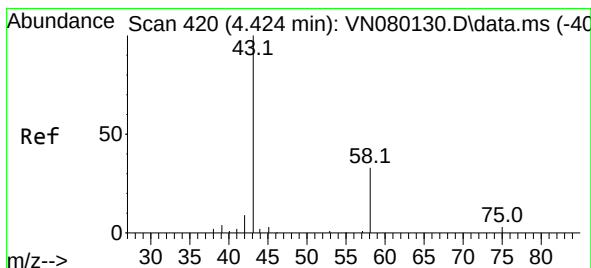
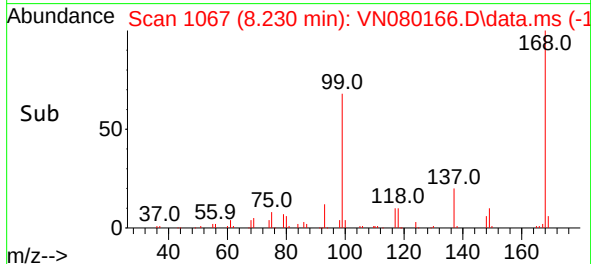
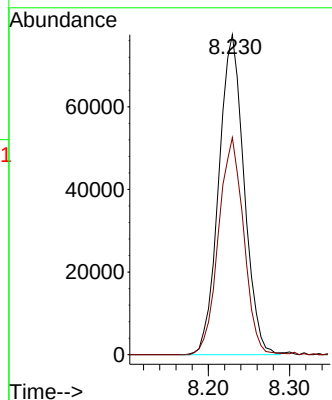
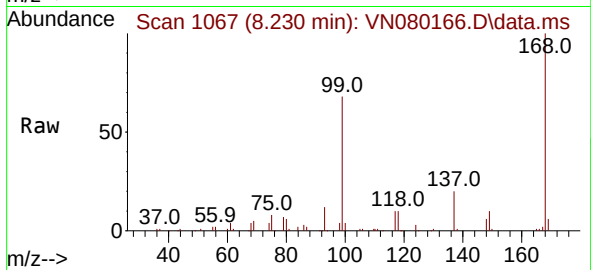




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

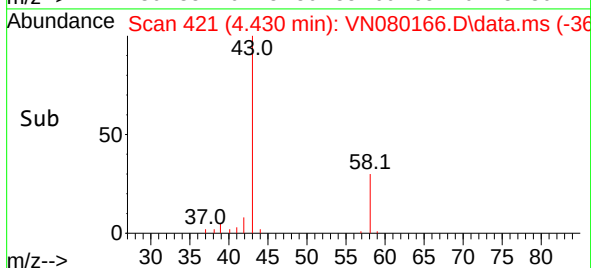
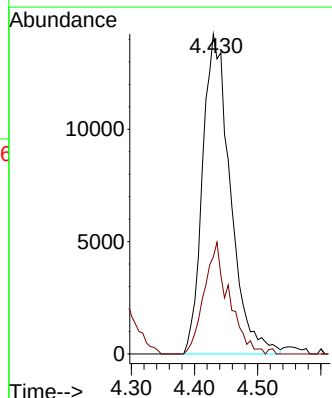
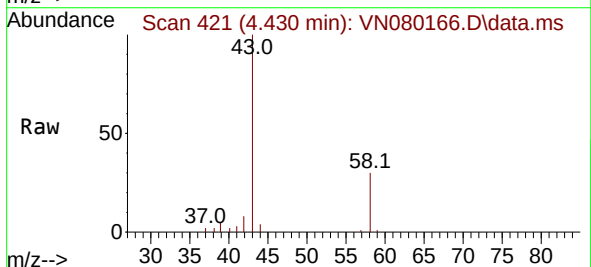
Instrument :
MSVOA_N
ClientSampleId :
S-28

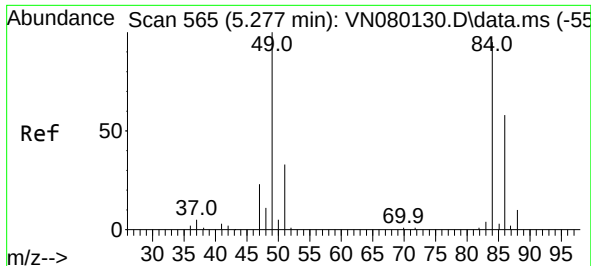
Tgt Ion:168 Resp: 167824
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6



#16
Acetone
Concen: 46.727 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 43 Resp: 43490
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0

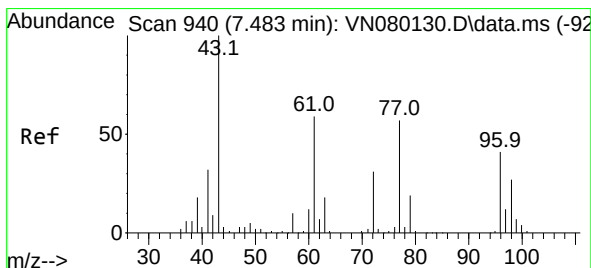
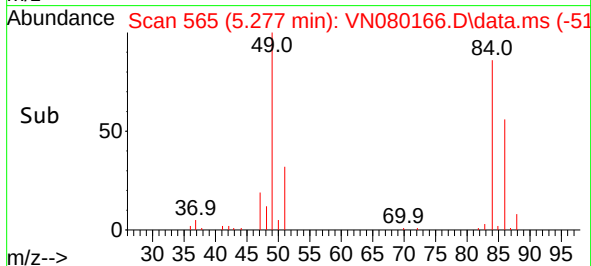
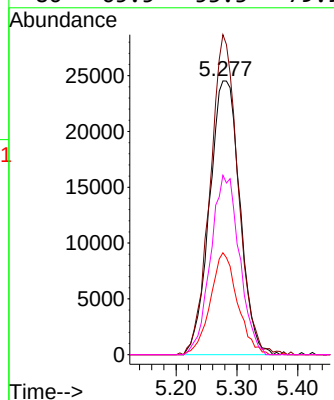
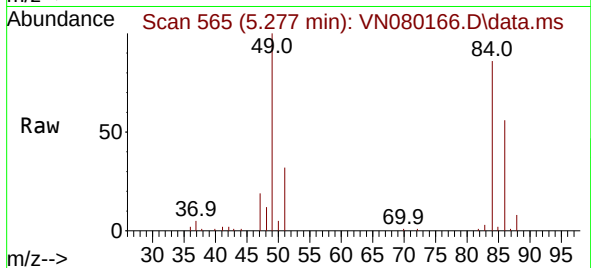




#20
Methylene Chloride
Concen: 43.407 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

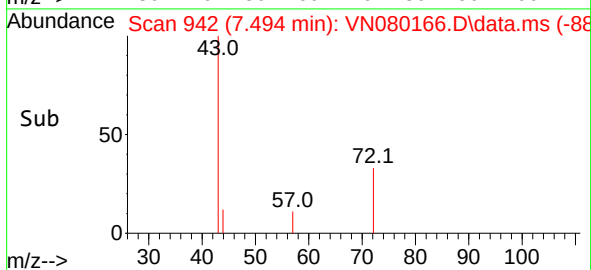
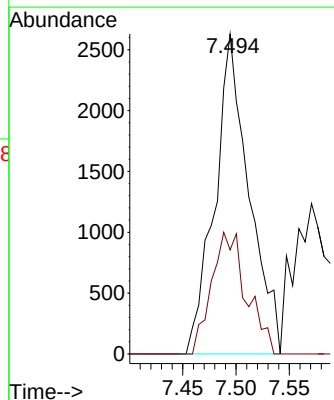
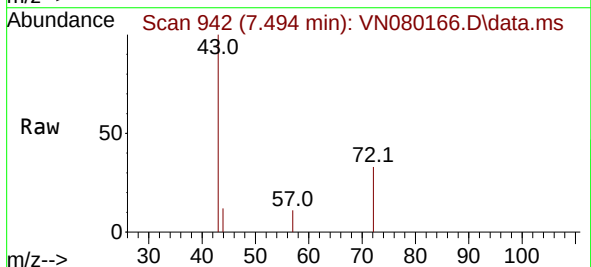
Instrument :
MSVOA_N
ClientSampleId :
S-28

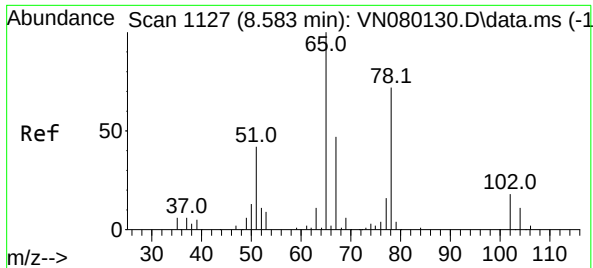
Tgt Ion:	84	Resp:	84604
Ion	Ratio	Lower	Upper
84	100		
49	116.3	79.7	119.5
51	37.2	25.2	37.8
86	65.5	53.3	79.9



#25
2-Butanone
Concen: 5.314 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

Tgt Ion:	43	Resp:	5876
Ion	Ratio	Lower	Upper
43	100		
72	32.5	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 54.926 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080166.D

Acq: 17 Nov 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

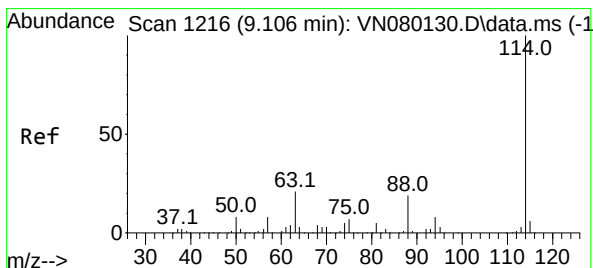
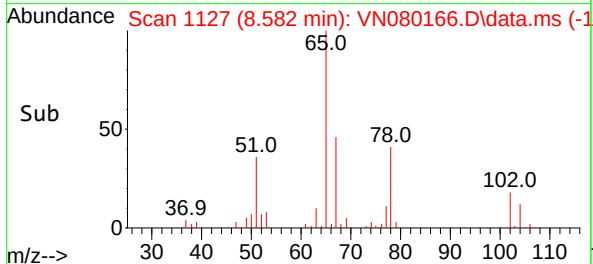
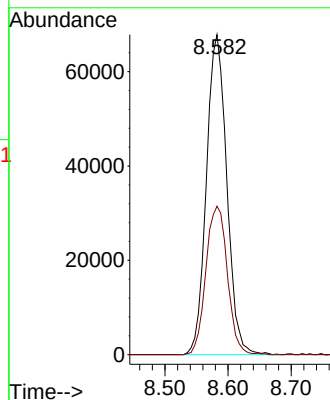
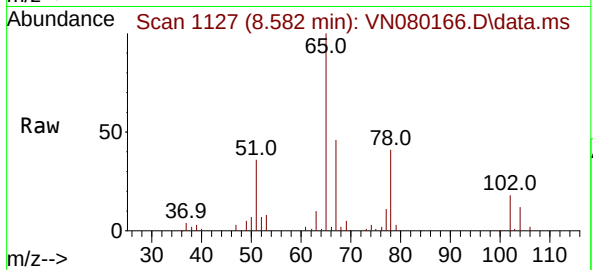
S-28

Tgt Ion: 65 Resp: 152202

Ion Ratio Lower Upper

65 100

67 48.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080166.D

Acq: 17 Nov 2023 16:29

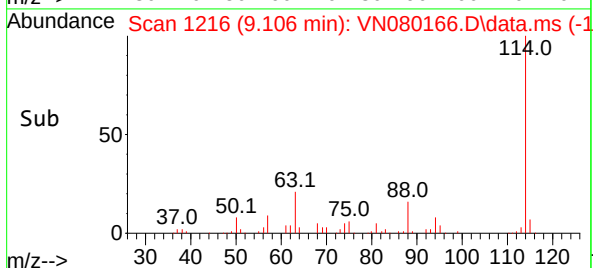
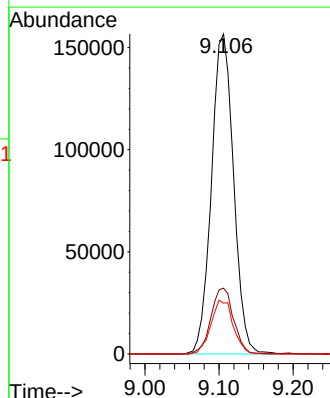
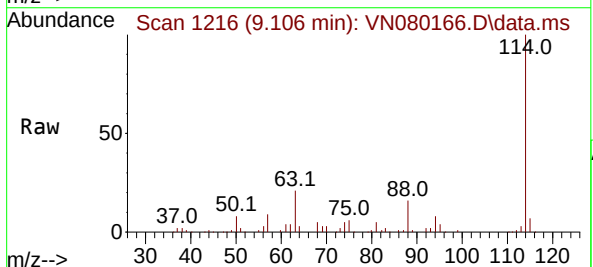
Tgt Ion: 114 Resp: 324857

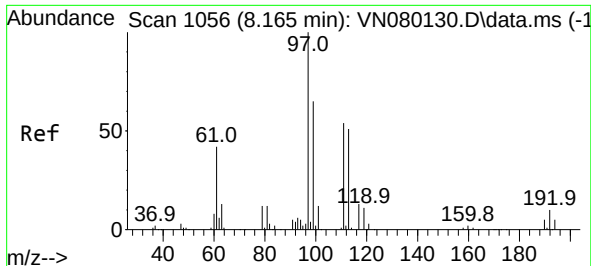
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.847 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN080166.D

Acq: 17 Nov 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

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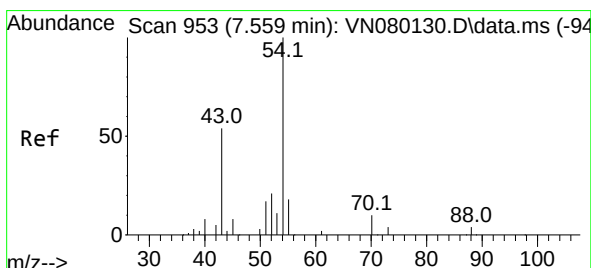
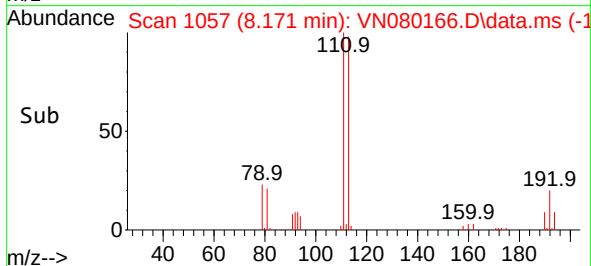
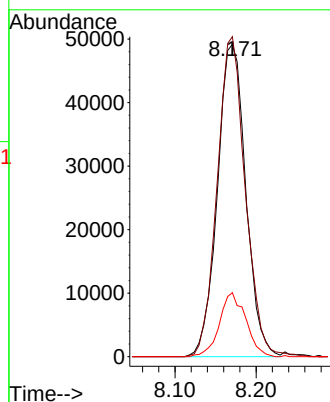
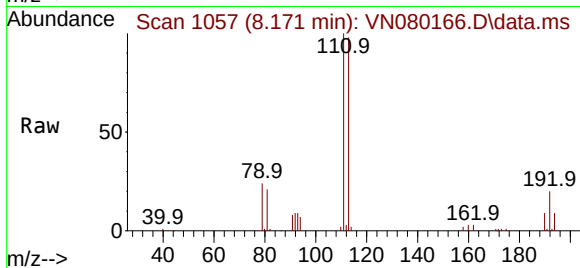
Tgt Ion:113 Resp: 119485

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 19.1 12.7 19.1



#37

Ethyl Acetate

Concen: 1.262 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN080166.D

Acq: 17 Nov 2023 16:29

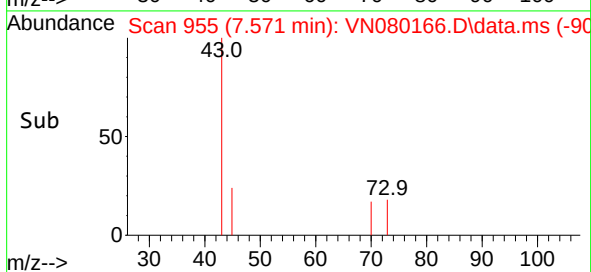
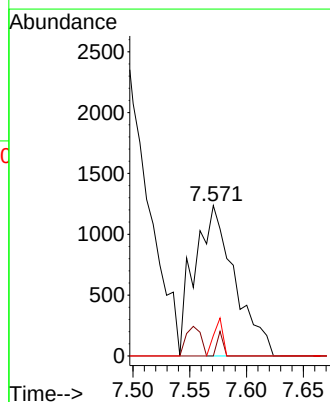
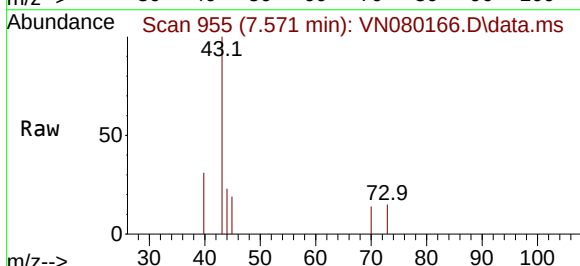
Tgt Ion: 43 Resp: 3037

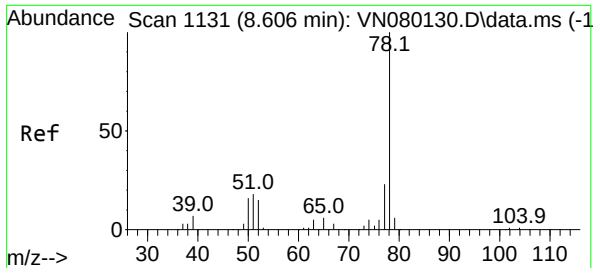
Ion Ratio Lower Upper

43 100

61 2.4 13.2 19.8#

70 5.6 11.3 16.9#

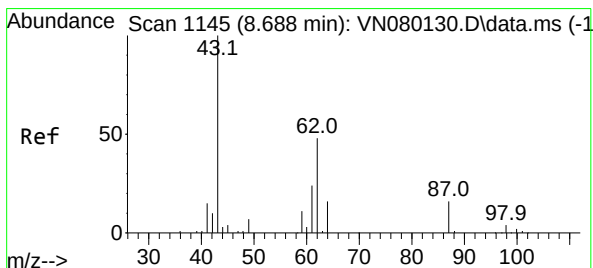
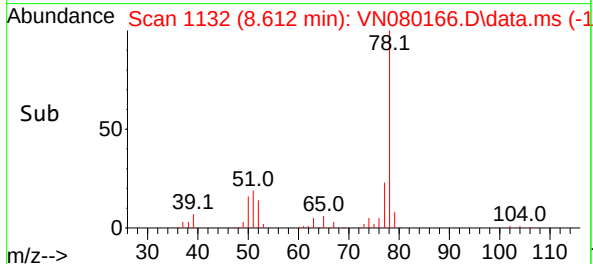
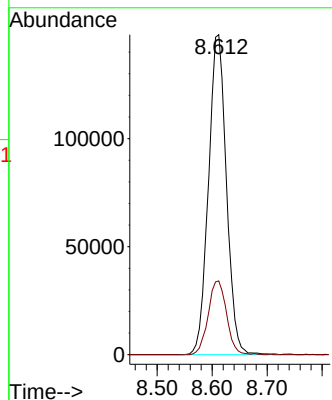
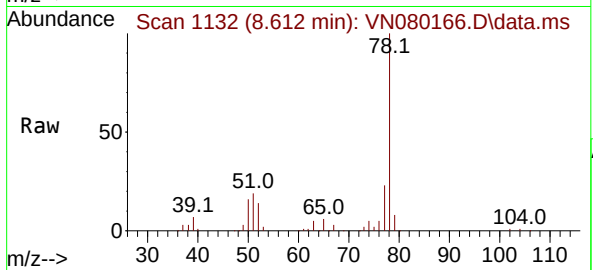




#40
Benzene
Concen: 34.048 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

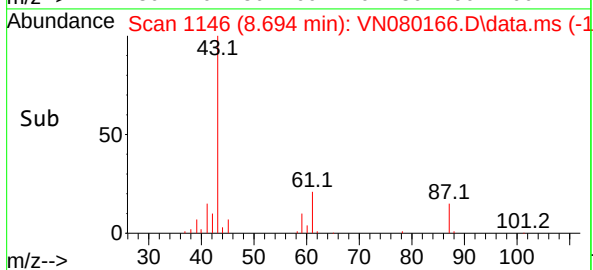
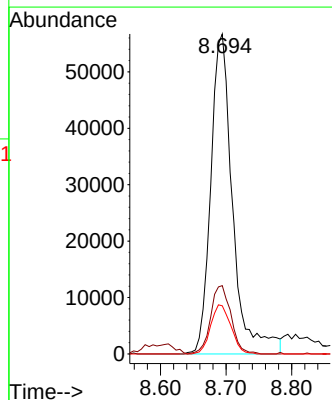
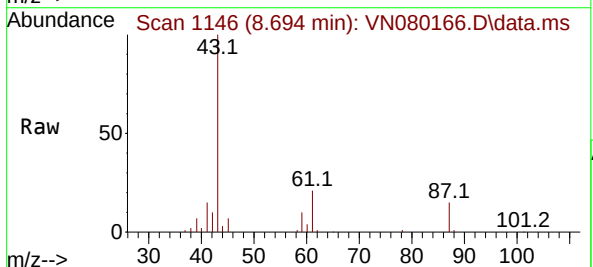
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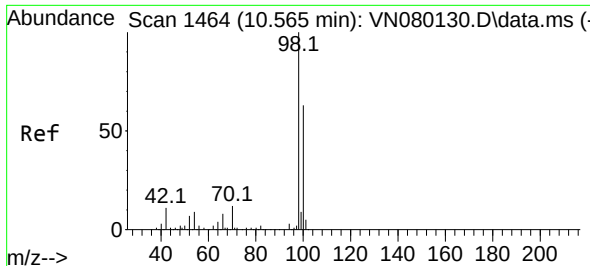
Tgt Ion: 78 Resp: 335824
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



#43
Isopropyl Acetate
Concen: 28.096 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 43 Resp: 131610
Ion Ratio Lower Upper
43 100
61 19.8 24.7 37.1#
87 14.2 14.6 21.8#

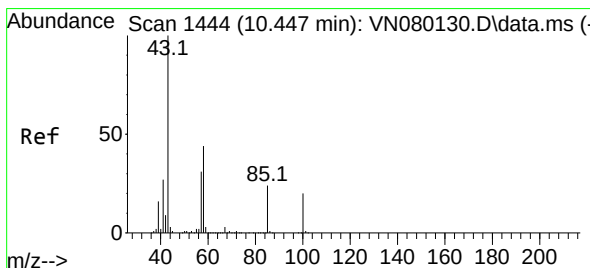
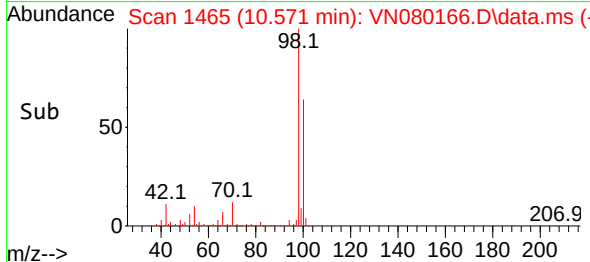
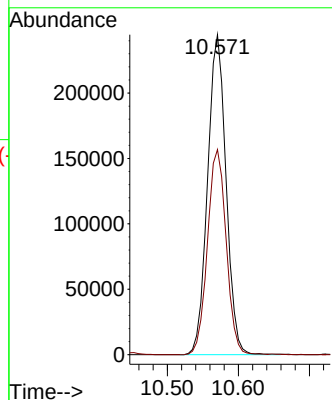
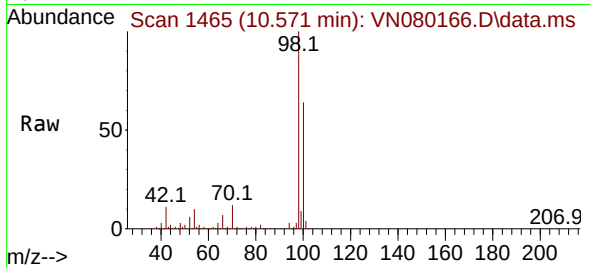




#50
Toluene-d8
Concen: 51.155 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

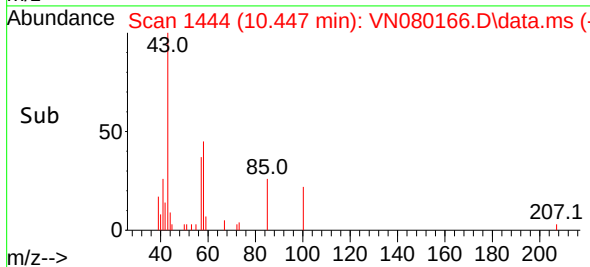
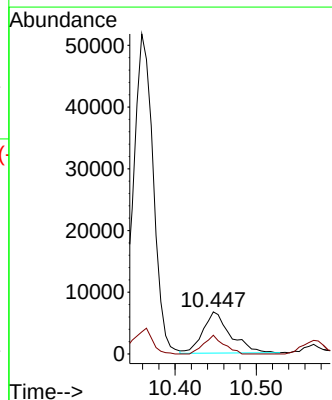
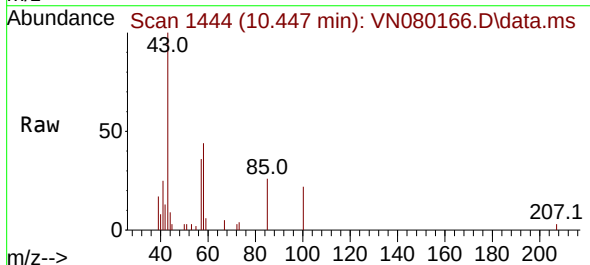
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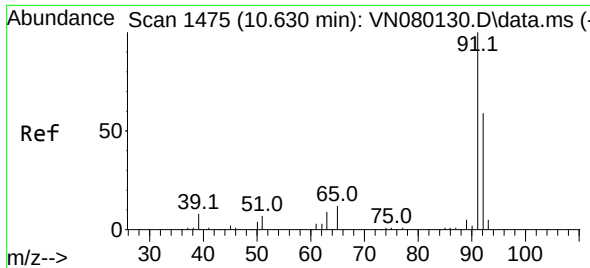
Tgt Ion: 98 Resp: 442018
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.515 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 43 Resp: 15801
Ion Ratio Lower Upper
43 100
58 32.7 36.6 54.8#

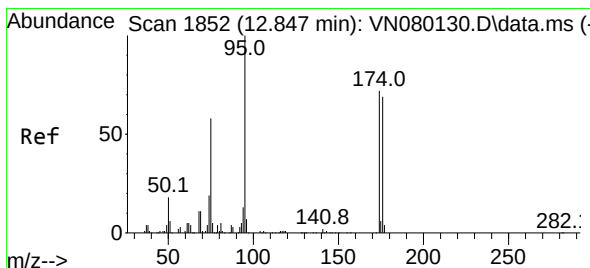
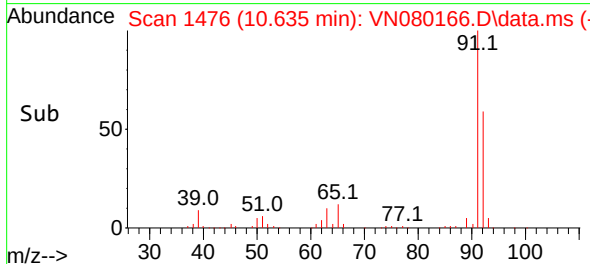
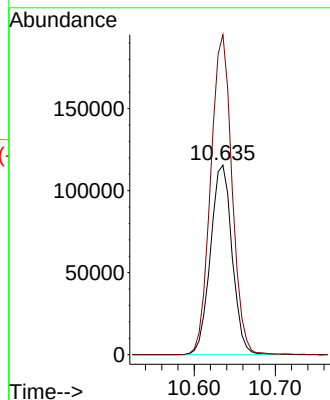
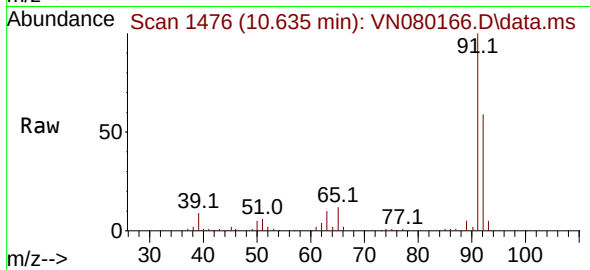




#52
Toluene
Concen: 34.609 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

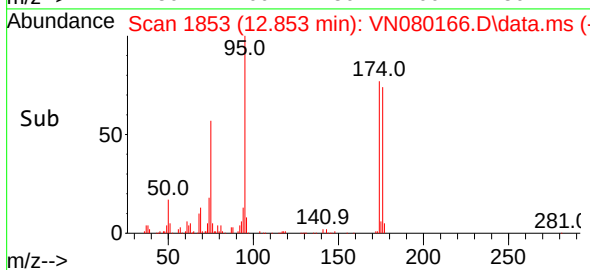
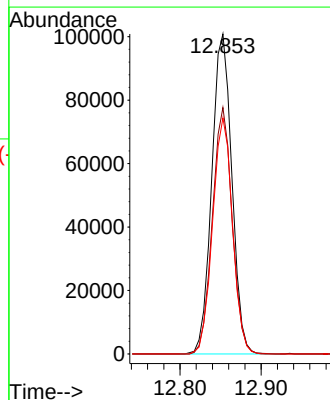
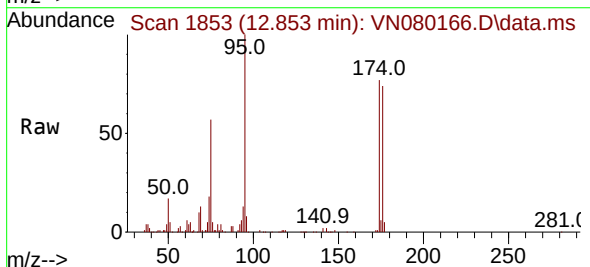
Instrument :
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ClientSampleId :
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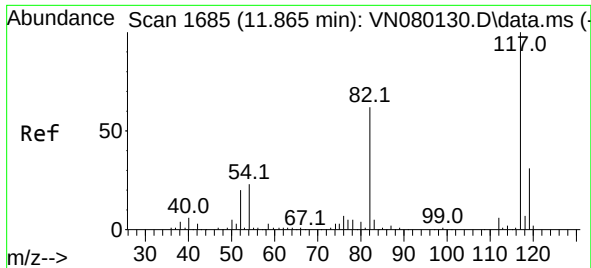
Tgt Ion: 92 Resp: 213629
Ion Ratio Lower Upper
92 100
91 166.7 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 53.020 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 95 Resp: 173043
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 73.2 0.0 135.8

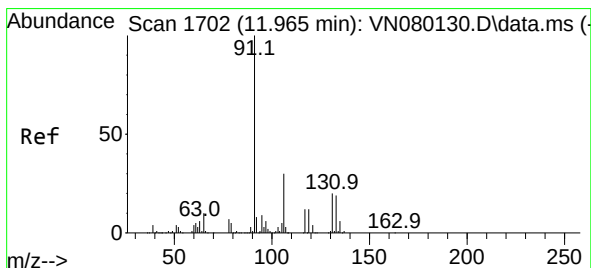
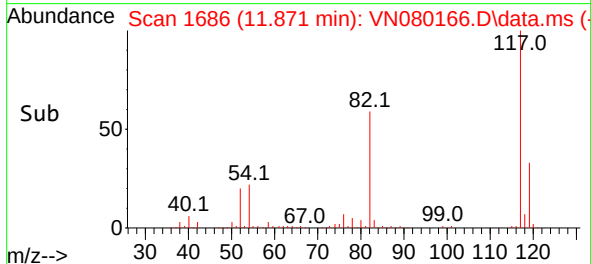
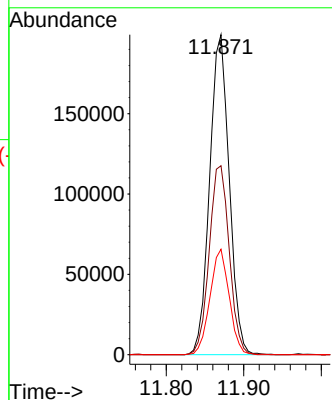
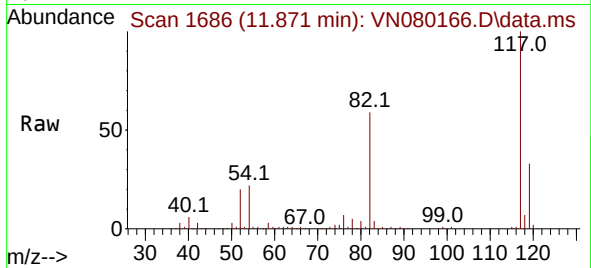




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

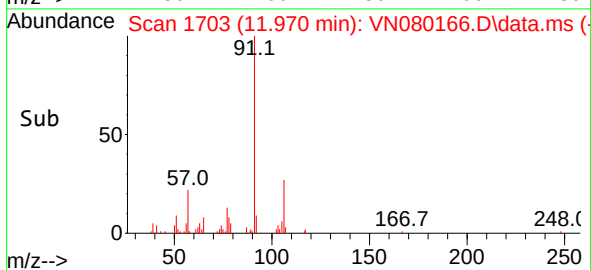
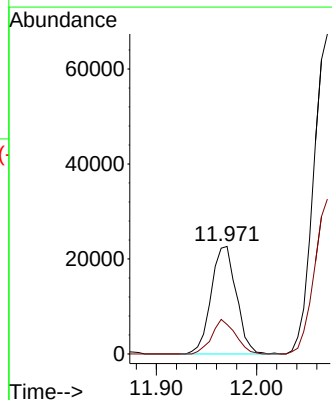
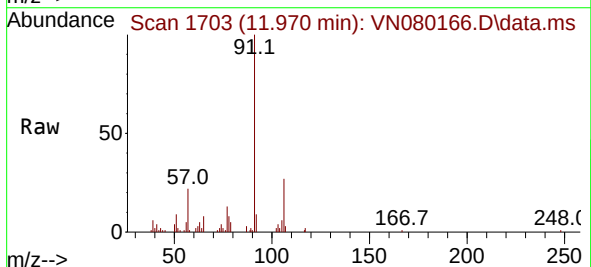
Instrument :
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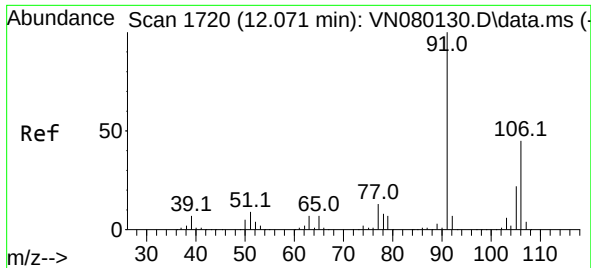
Tgt Ion:117 Resp: 349216
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 32.9 25.6 38.4



#67
Ethyl Benzene
Concen: 2.815 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 91 Resp: 39642
Ion Ratio Lower Upper
91 100
106 27.3 25.6 38.4

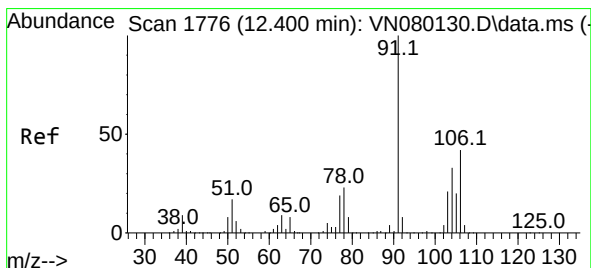
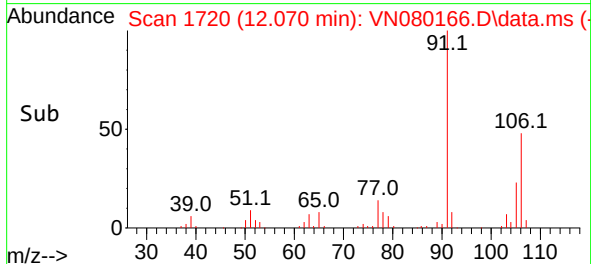
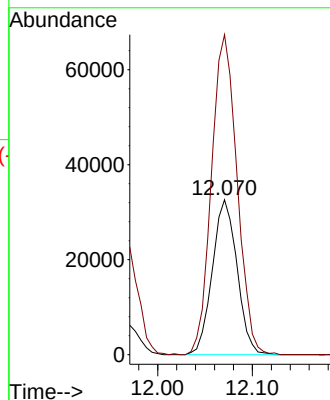
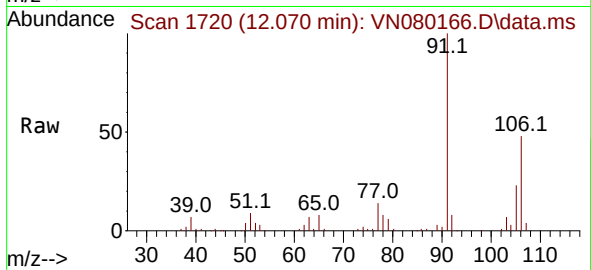




#68
m/p-Xylenes
Concen: 11.531 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

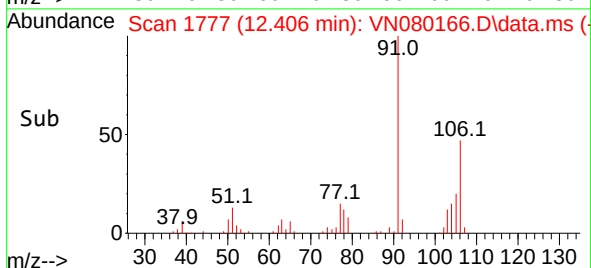
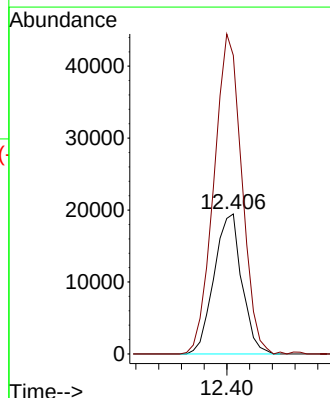
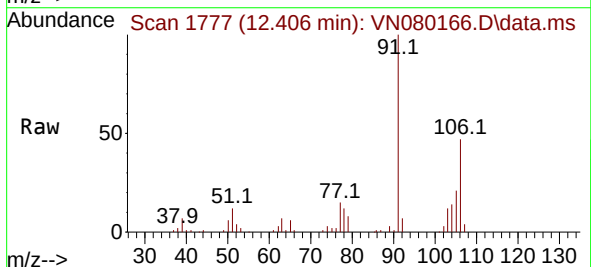
Instrument :
MSVOA_N
ClientSampleId :
S-28

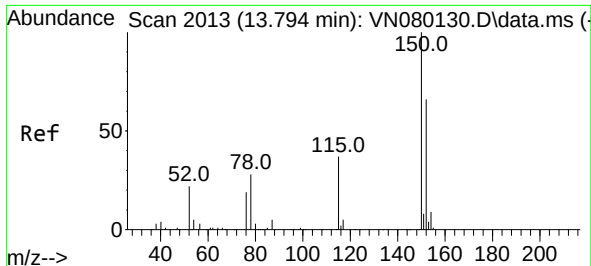
Tgt Ion:106 Resp: 59199
Ion Ratio Lower Upper
106 100
91 214.0 159.6 239.4



#69
o-Xylene
Concen: 6.838 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

Tgt Ion:106 Resp: 33083
Ion Ratio Lower Upper
106 100
91 230.0 105.2 315.5

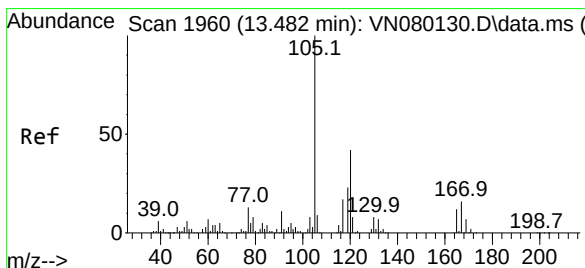
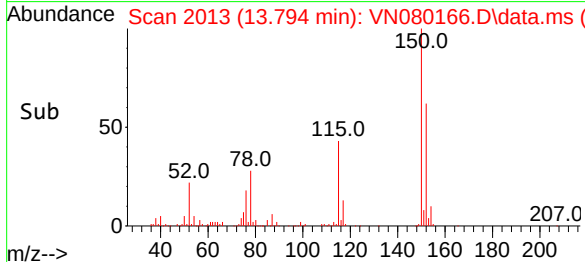
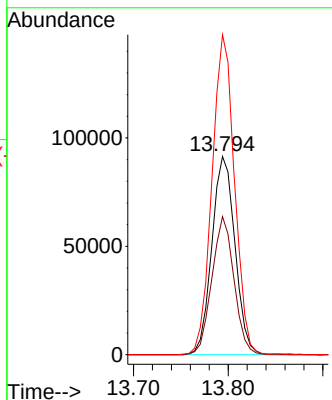
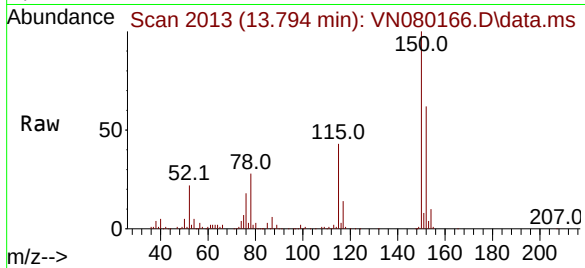




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080166.D
 Acq: 17 Nov 2023 16:29

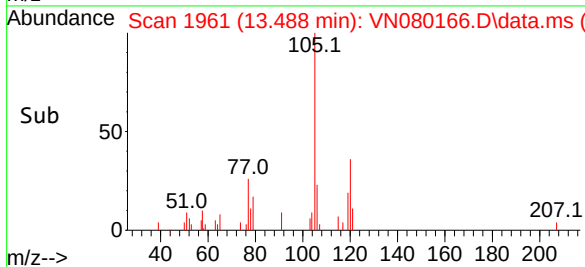
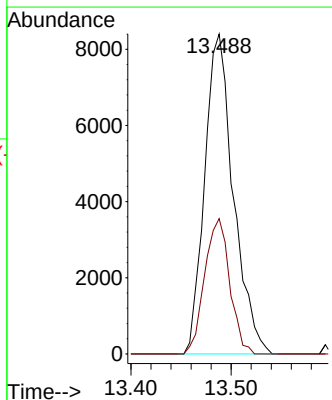
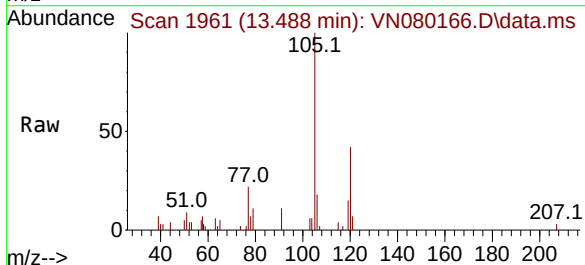
Instrument :
 MSVOA_N
 ClientSampleId :
 S-28

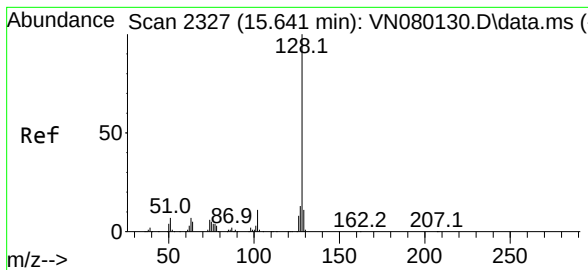
Tgt Ion:152 Resp: 155094
 Ion Ratio Lower Upper
 152 100
 115 66.7 32.3 96.8
 150 157.2 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.619 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080166.D
 Acq: 17 Nov 2023 16:29

Tgt Ion:105 Resp: 16730
 Ion Ratio Lower Upper
 105 100
 120 36.9 22.0 66.0





#95
Naphthalene
Concen: 17.067 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080166.D
Acq: 17 Nov 2023 16:29

Instrument :
MSVOA_N
ClientSampleId :
S-28

Tgt Ion:	128	Resp:	150795
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	11.1	8.7	13.1

