

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071408.D
 Acq On : 19 Mar 2022 19:20
 Operator : JC\MD
 Sample : N1962-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-16-15-16

Quant Time: Mar 21 05:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

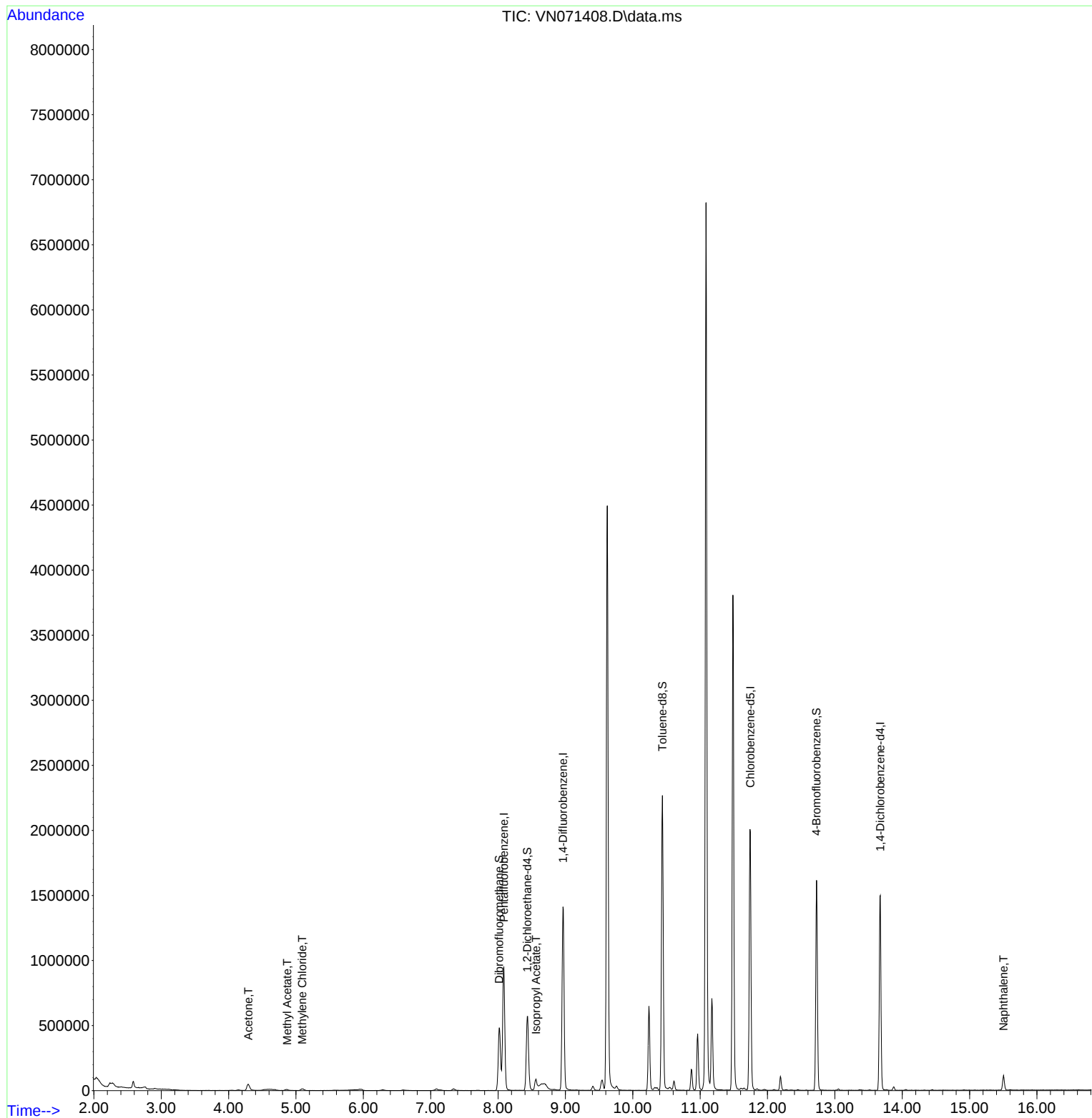
Internal Standards						
1) Pentafluorobenzene	8.086	168	719421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1220047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1179142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	411516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	473716	48.045	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.080%
35) Dibromofluoromethane	8.016	113	358769	46.600	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.200%
50) Toluene-d8	10.439	98	1554526	50.149	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.727	95	550822	52.476	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.960%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	90574	18.879	ug/l	99
18) Methyl Acetate	4.869	43	18707	1.908	ug/l	91
20) Methylene Chloride	5.092	84	9613	1.470	ug/l #	88
43) Isopropyl Acetate	8.563	43	110455	4.351	ug/l #	80
95) Naphthalene	15.504	128	99311	9.798	ug/l	99

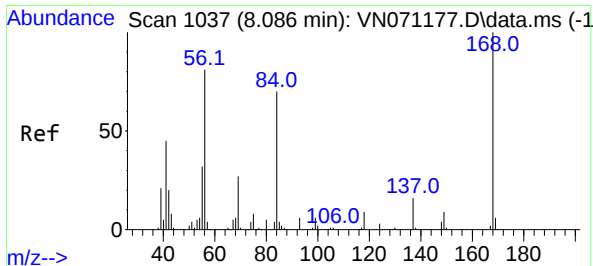
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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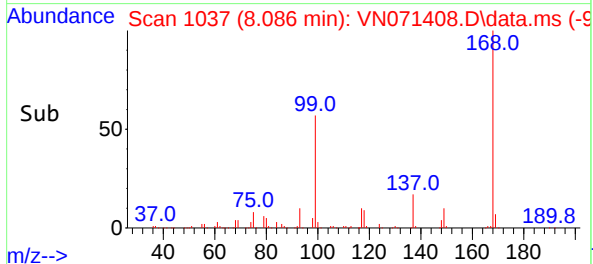
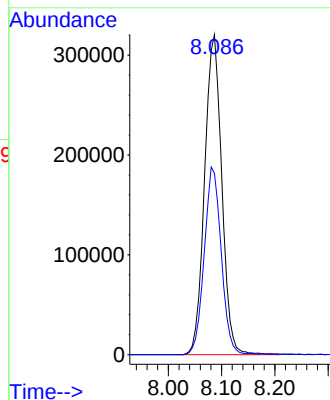
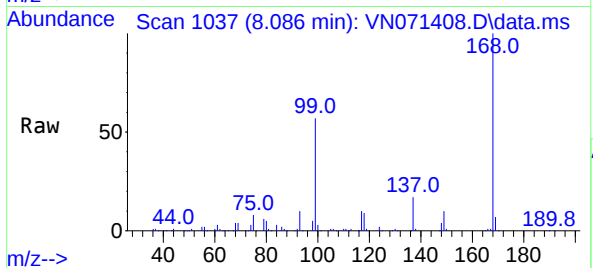




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

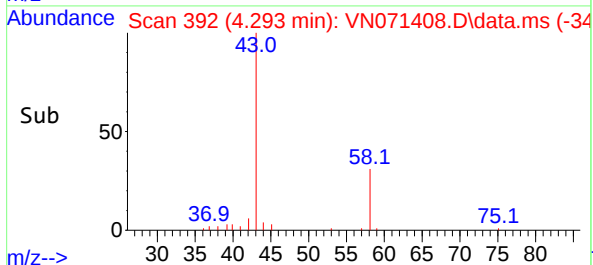
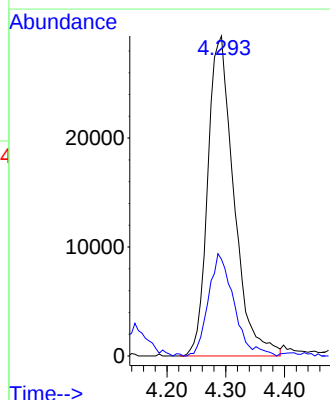
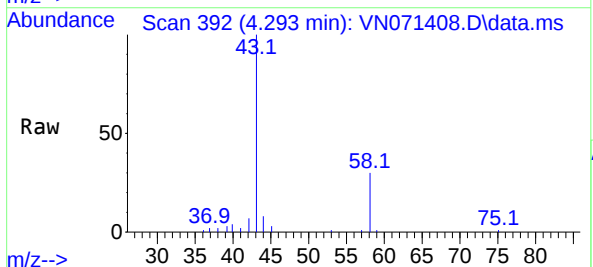
Instrument :
MSVOA_N
ClientSampleId :
C-16-15-16

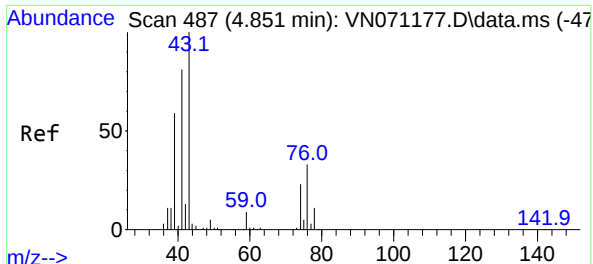
Tgt Ion:168 Resp: 719421
Ion Ratio Lower Upper
168 100
99 56.7 41.3 61.9



#16
Acetone
Concen: 18.879 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

Tgt Ion: 43 Resp: 90574
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7

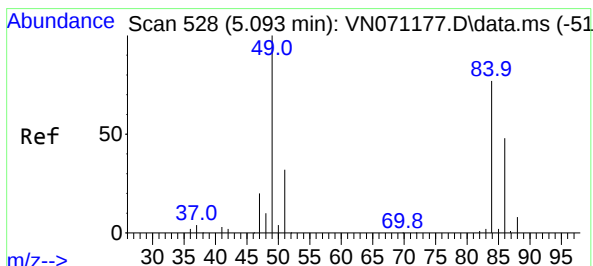
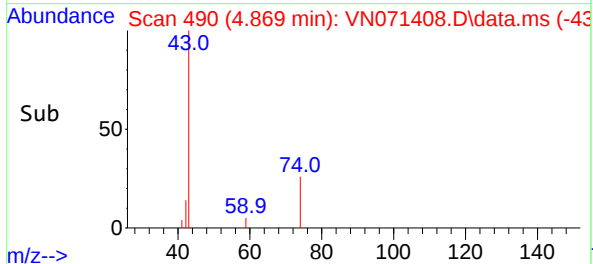
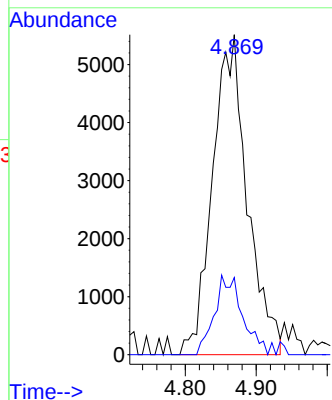
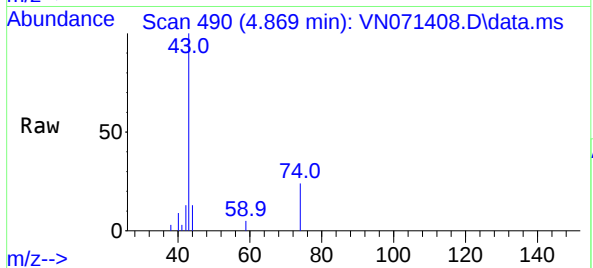




#18
Methyl Acetate
Concen: 1.908 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

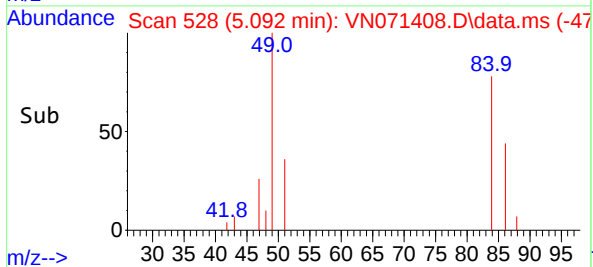
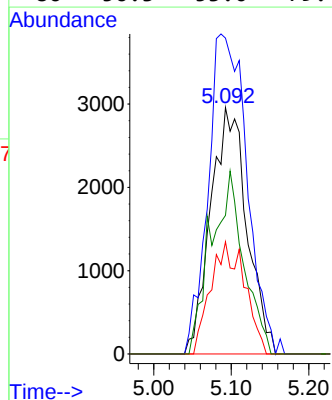
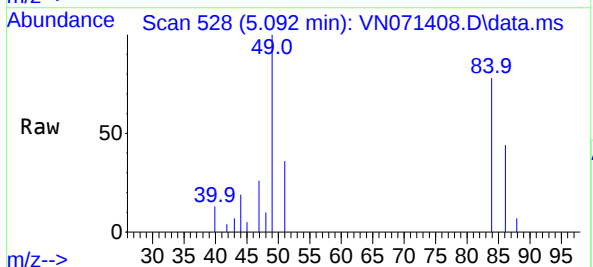
Instrument :
MSVOA_N
ClientSampleId :
C-16-15-16

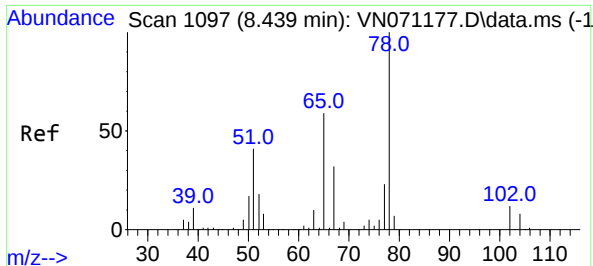
Tgt Ion: 43 Resp: 18707
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2



#20
Methylene Chloride
Concen: 1.470 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

Tgt Ion: 84 Resp: 9613
Ion Ratio Lower Upper
84 100
49 128.2 93.5 140.3
51 45.5 29.4 44.2#
86 56.3 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 48.045 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071408.D

Acq: 19 Mar 2022 19:20

Instrument :

MSVOA_N

ClientSampleId :

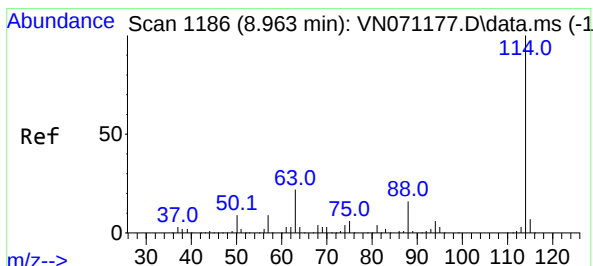
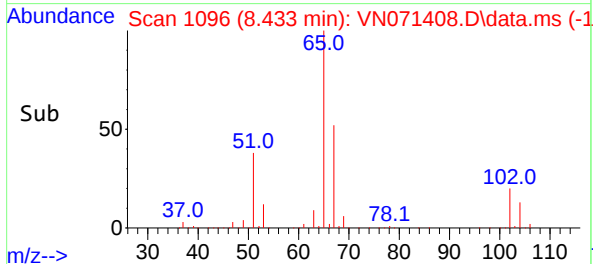
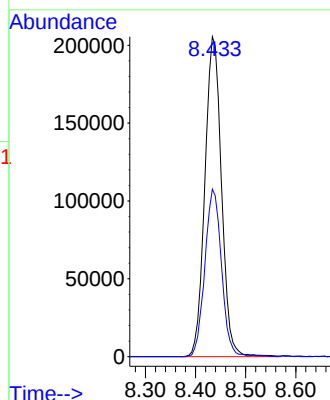
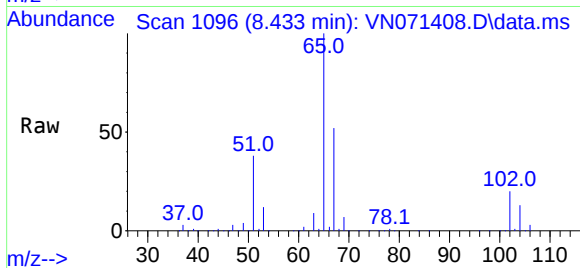
C-16-15-16

Tgt Ion: 65 Resp: 473716

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071408.D

Acq: 19 Mar 2022 19:20

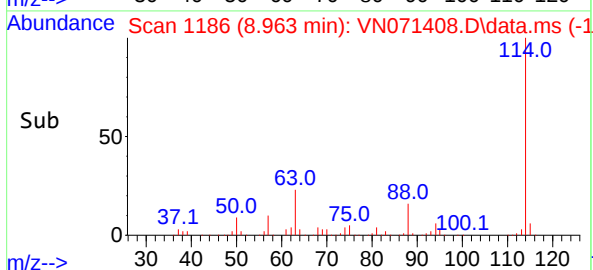
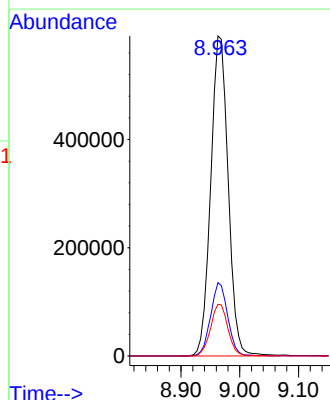
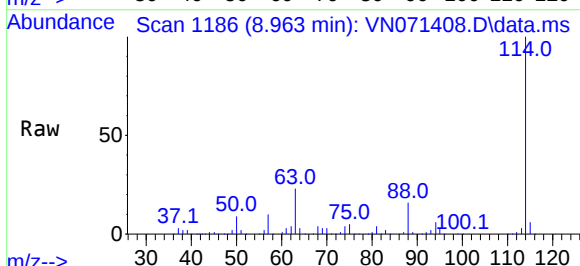
Tgt Ion: 114 Resp: 1220047

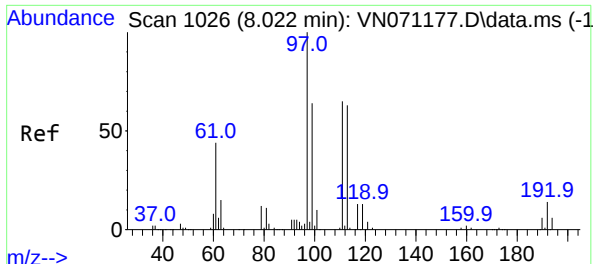
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.2 0.0 27.4

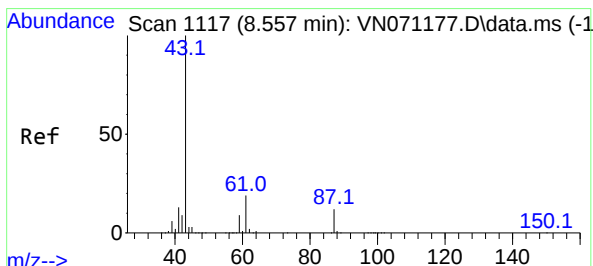
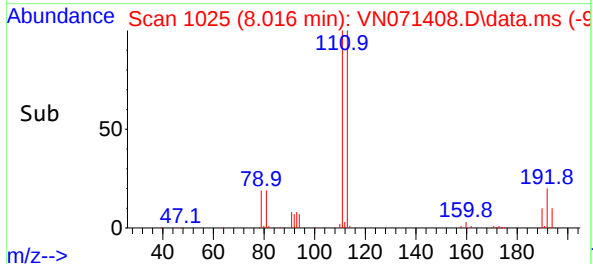
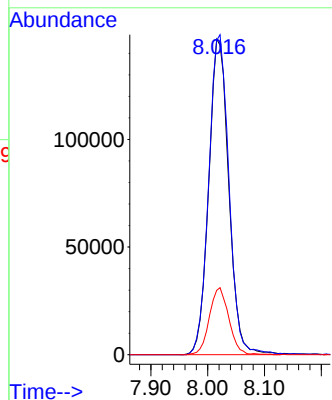
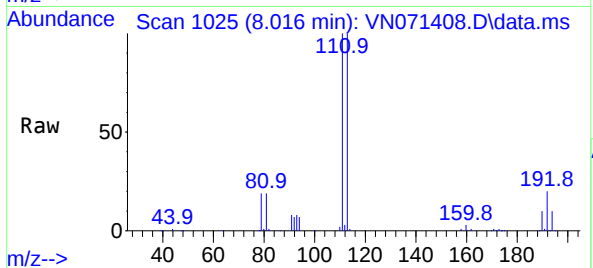




#35
Dibromofluoromethane
Concen: 46.600 ug/l
RT: 8.016 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

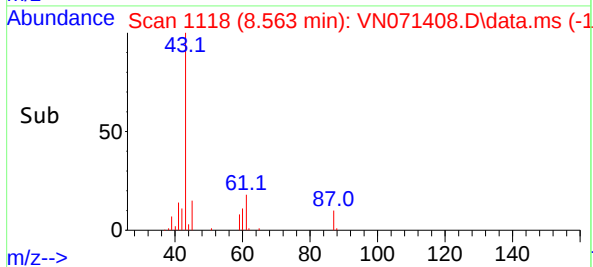
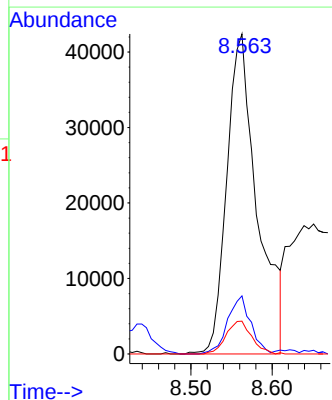
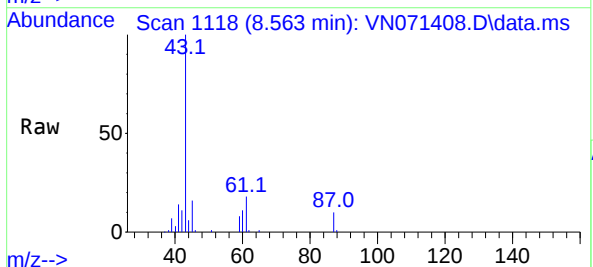
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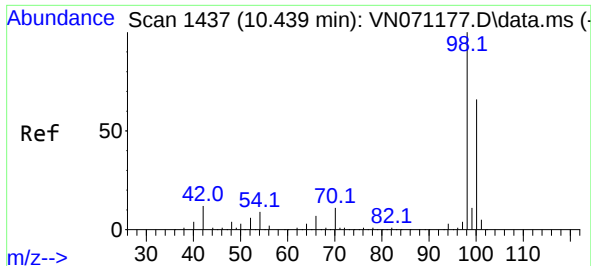
Tgt Ion:113 Resp: 358769
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.7 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.351 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

Tgt Ion: 43 Resp: 110455
Ion Ratio Lower Upper
43 100
61 13.8 20.4 30.6#
87 8.7 11.2 16.8#

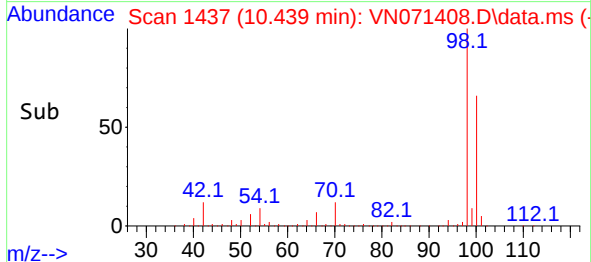
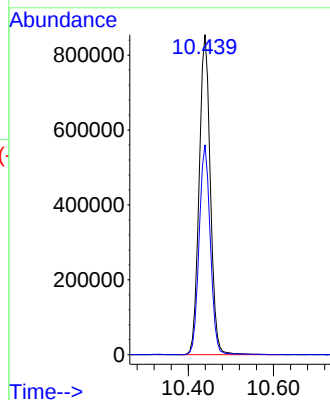
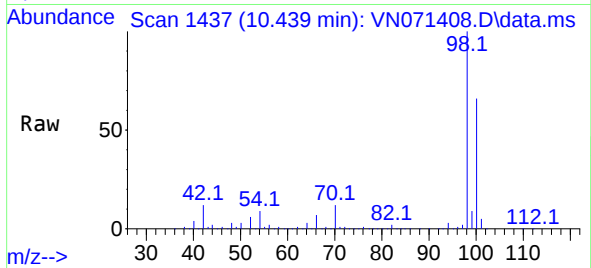




#50
Toluene-d8
Concen: 50.149 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

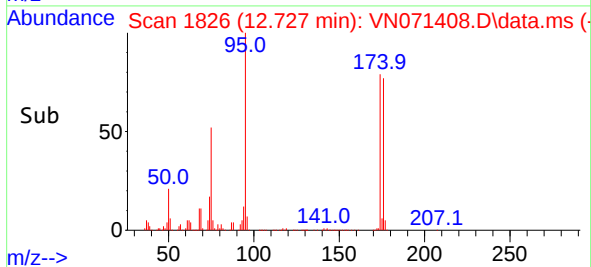
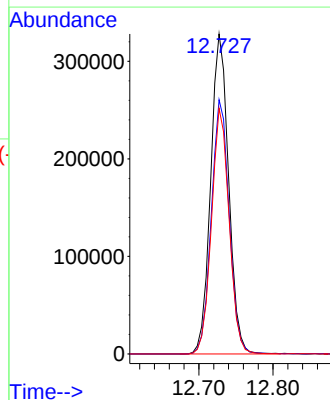
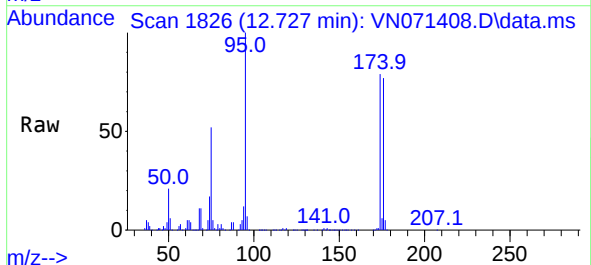
Instrument :
MSVOA_N
ClientSampleId :
C-16-15-16

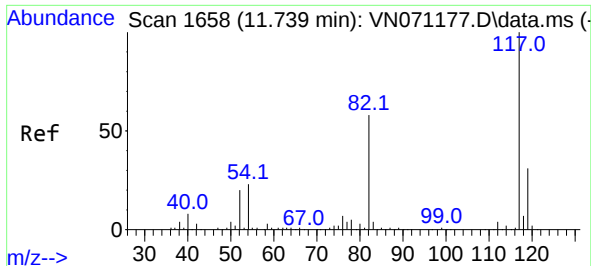
Tgt Ion: 98 Resp: 1554526
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.476 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

Tgt Ion: 95 Resp: 550822
Ion Ratio Lower Upper
95 100
174 79.5 0.0 187.2
176 75.4 0.0 181.4

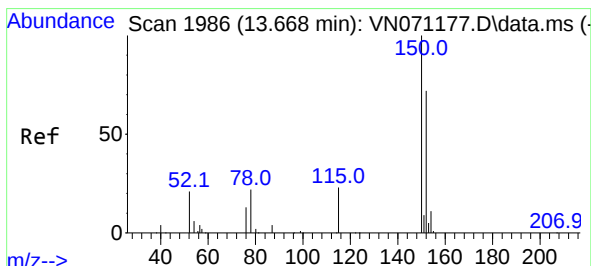
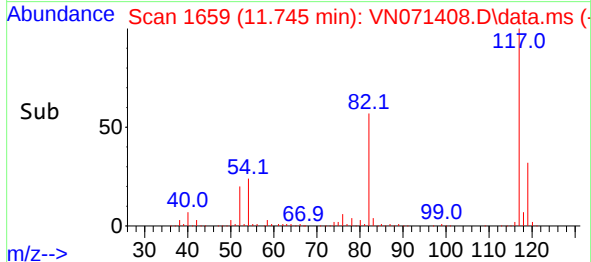
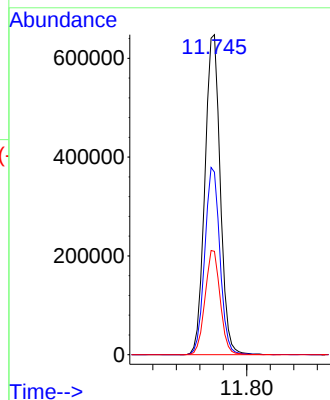
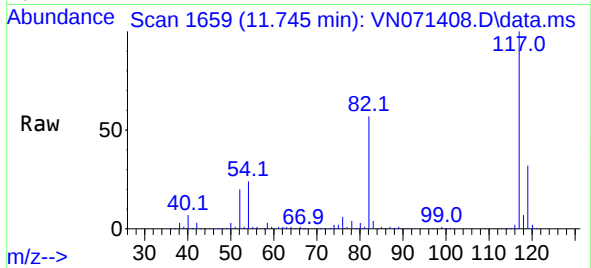




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

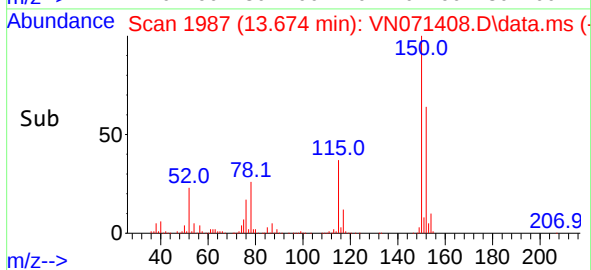
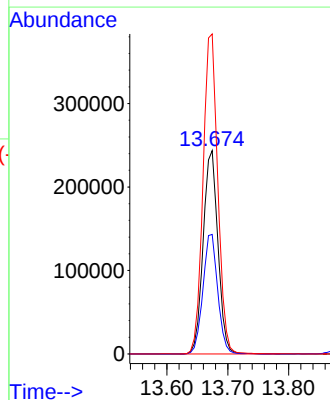
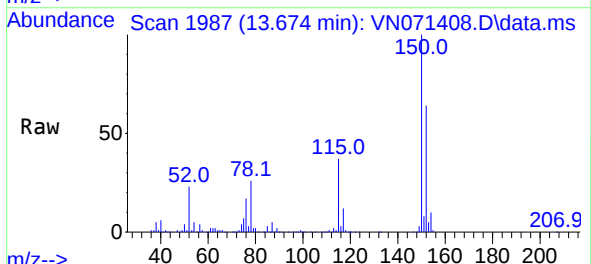
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C-16-15-16

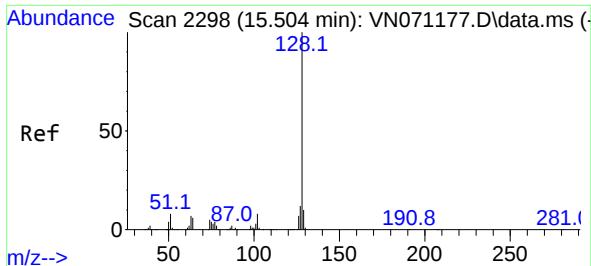
Tgt Ion:117 Resp: 1179142
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071408.D
Acq: 19 Mar 2022 19:20

Tgt Ion:152 Resp: 411516
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 157.3 0.0 344.4





#95

Naphthalene

Concen: 9.798 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071408.D

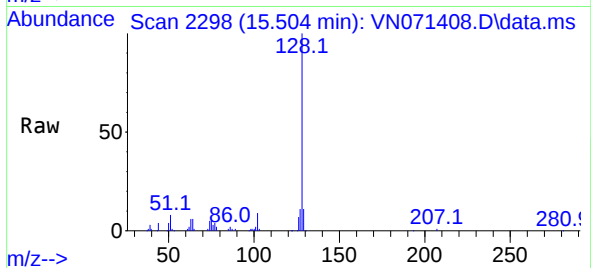
Acq: 19 Mar 2022 19:20

Instrument :

MSVOA_N

ClientSampleId :

C-16-15-16



Tgt Ion:128 Resp: 99311

Ion	Ratio	Lower	Upper
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128	100		
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127	12.9	10.5	15.7
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129	11.2	8.7	13.1
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