

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071584.D
 Acq On : 26 Mar 2022 19:51
 Operator : JC\MD
 Sample : PB143590ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143590ZHE#12

Quant Time: Mar 28 02:20:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

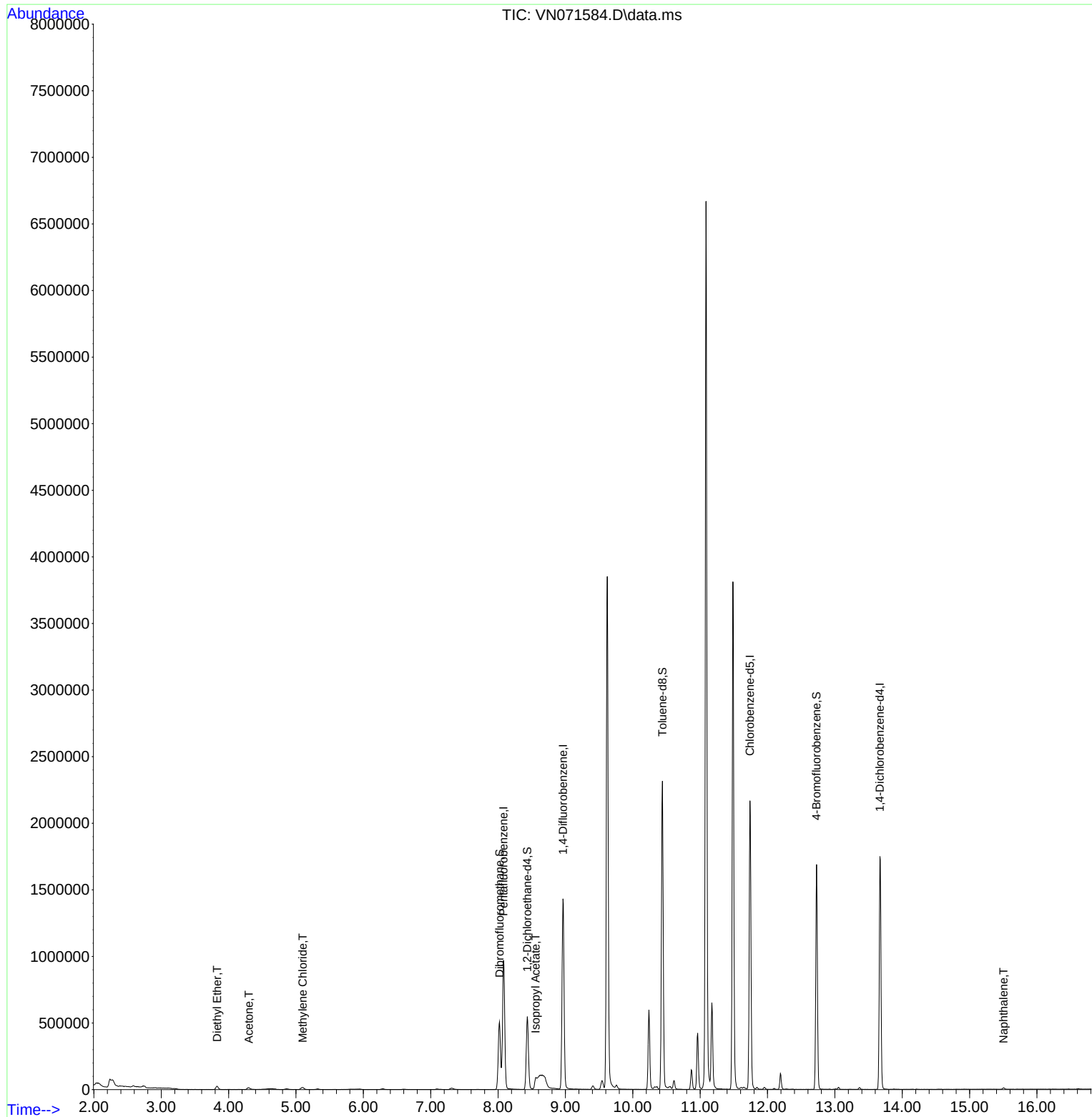
Internal Standards						
1) Pentafluorobenzene	8.081	168	788805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1335947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1337468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	514548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	456721	46.604	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.200%
35) Dibromofluoromethane	8.022	113	378412	45.070	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.140%
50) Toluene-d8	10.439	98	1670263	49.320	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.727	95	579226	52.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.400%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.828	74	15798	2.958	ug/l	97
16) Acetone	4.298	43	26349	6.559	ug/l	95
20) Methylene Chloride	5.098	84	13427	1.435	ug/l	98
43) Isopropyl Acetate	8.557	43	103432	4.533	ug/l #	80
95) Naphthalene	15.504	128	11986	3.643	ug/l	98

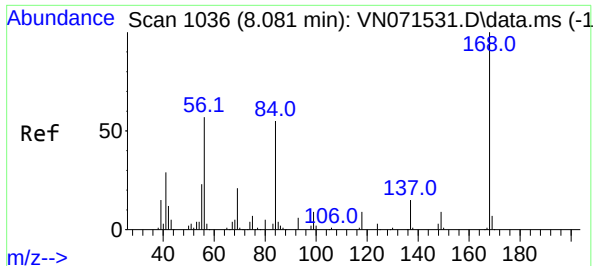
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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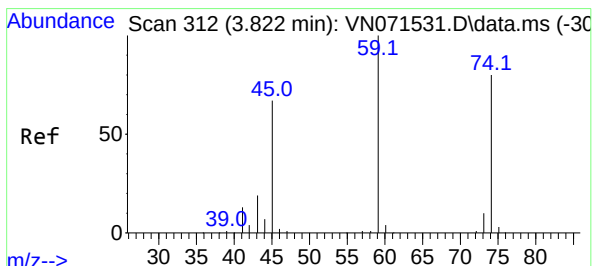
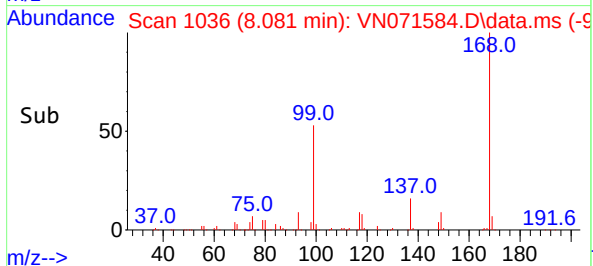
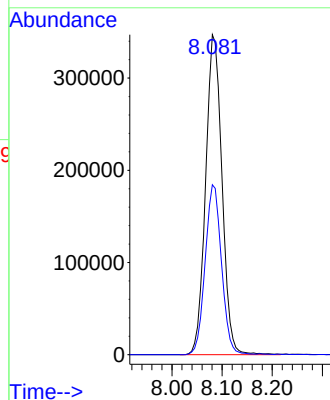
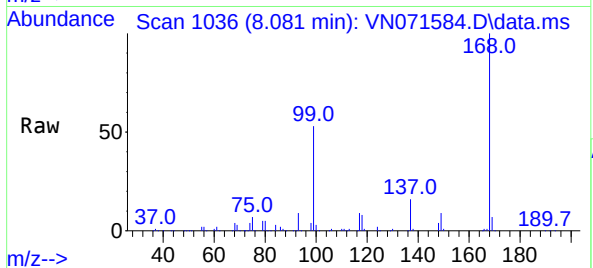




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

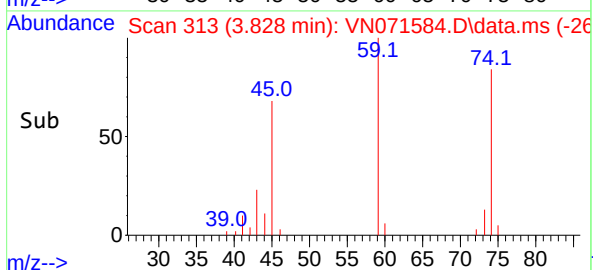
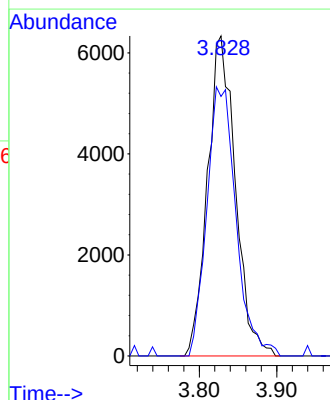
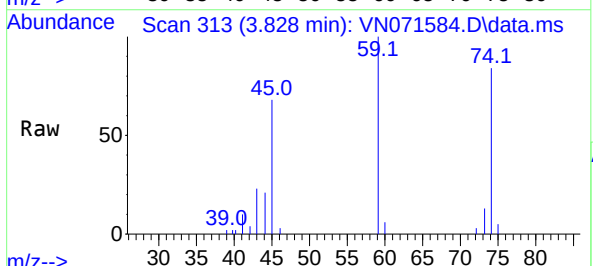
Instrument :
MSVOA_N
ClientSampleId :
PB143590ZHE#12

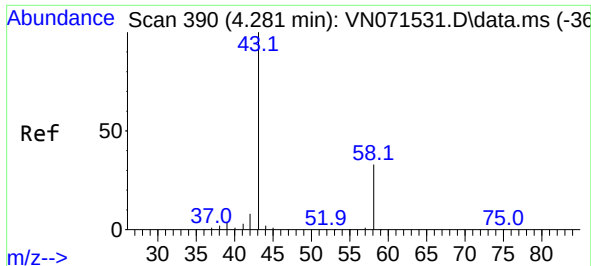
Tgt Ion:168 Resp: 788805
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5



#8
Diethyl Ether
Concen: 2.958 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

Tgt Ion: 74 Resp: 15798
Ion Ratio Lower Upper
74 100
45 88.2 42.9 128.5

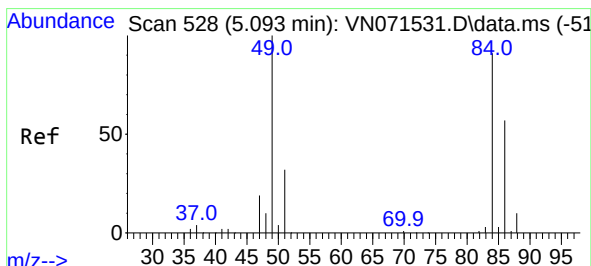
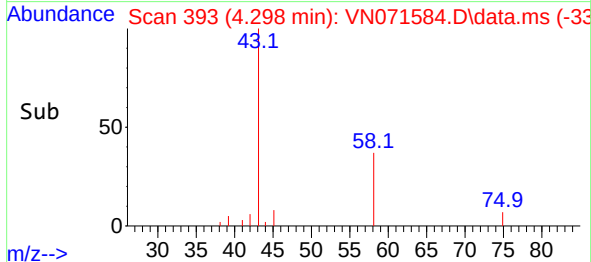
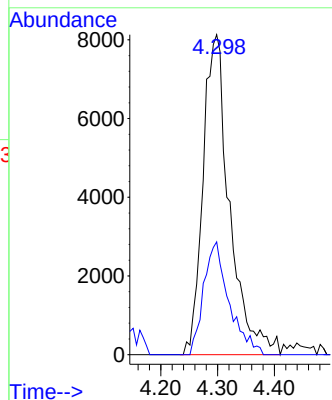
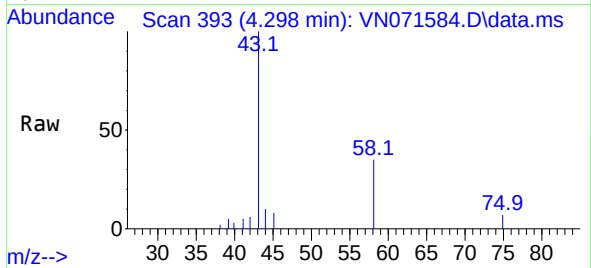




#16
Acetone
Concen: 6.559 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.017 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

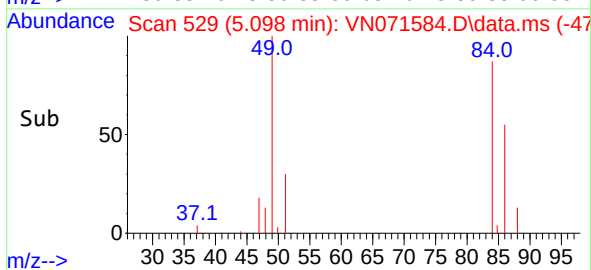
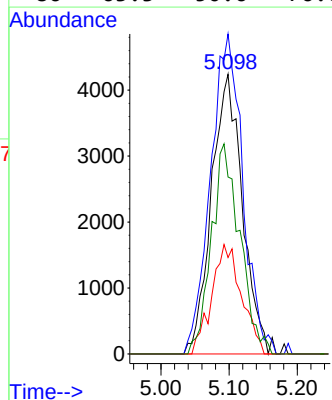
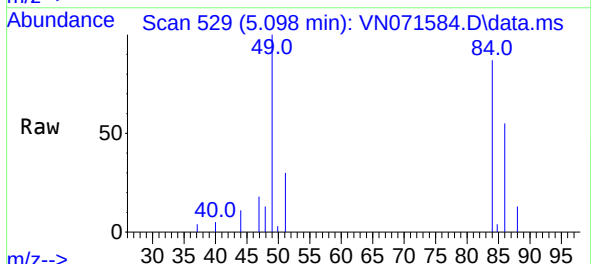
Instrument :
MSVOA_N
ClientSampleId :
PB143590ZHE#12

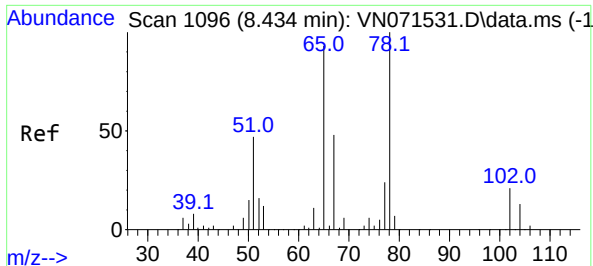
Tgt Ion: 43 Resp: 26349
Ion Ratio Lower Upper
43 100
58 35.2 26.0 39.0



#20
Methylene Chloride
Concen: 1.435 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

Tgt Ion: 84 Resp: 13427
Ion Ratio Lower Upper
84 100
49 114.4 88.3 132.5
51 34.5 28.2 42.2
86 63.3 50.6 76.0

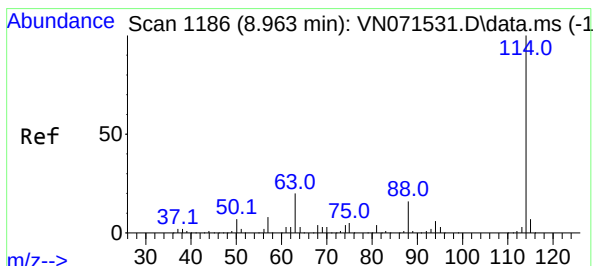
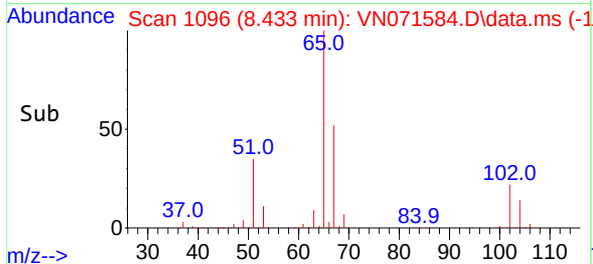
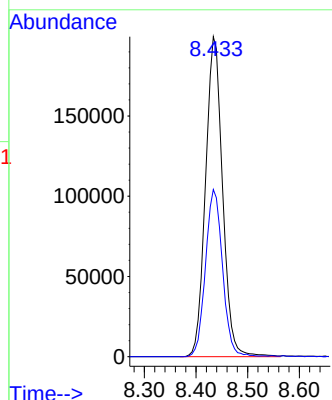
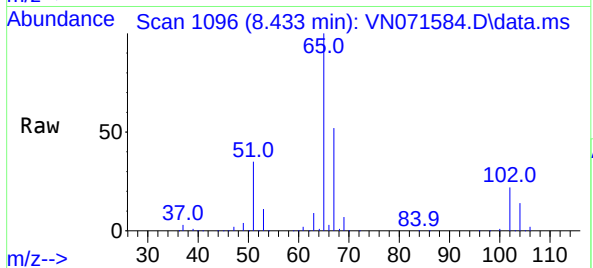




#33
1,2-Dichloroethane-d4
Concen: 46.604 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

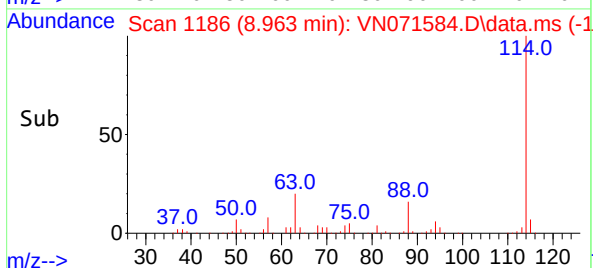
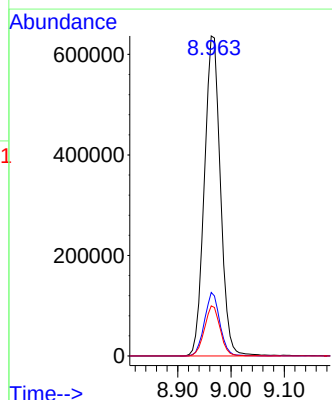
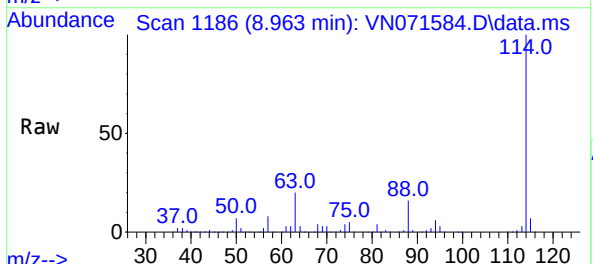
Instrument :
MSVOA_N
ClientSampleId :
PB143590ZHE#12

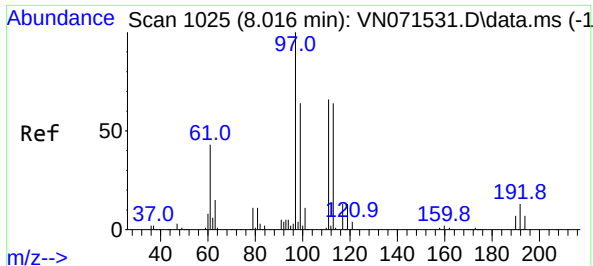
Tgt Ion: 65 Resp: 456721
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

Tgt Ion:114 Resp: 1335947
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.7 0.0 32.6

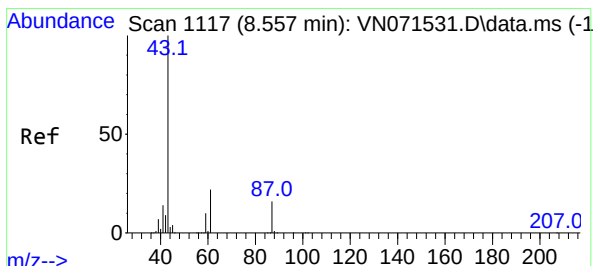
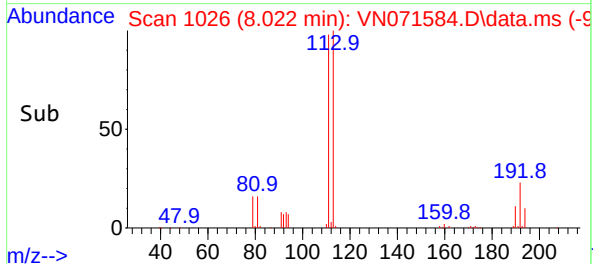
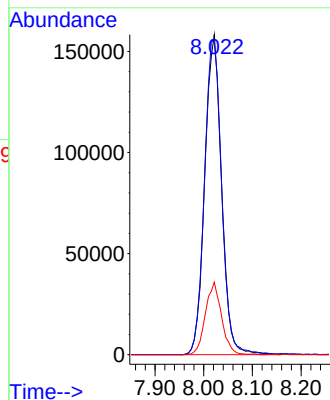
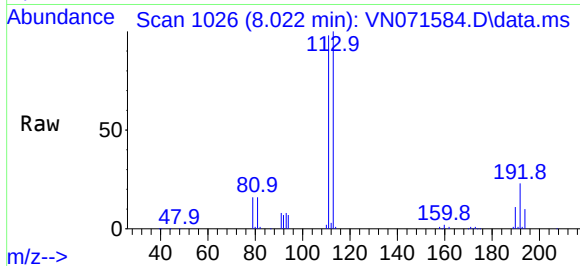




#35
Dibromofluoromethane
Concen: 45.070 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

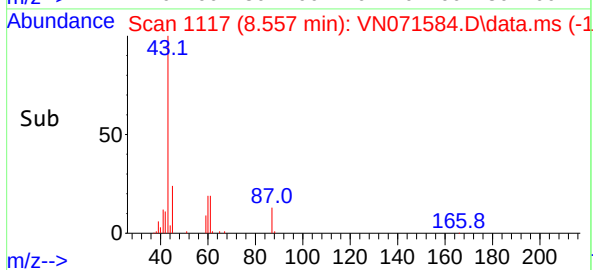
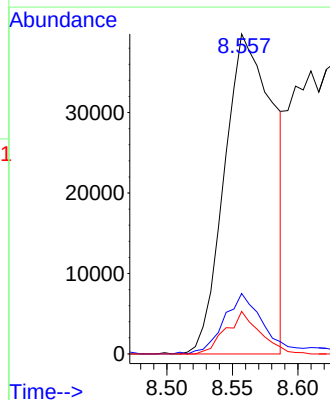
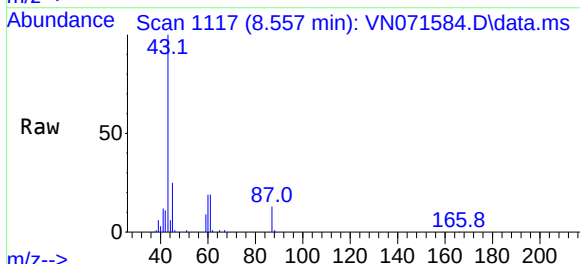
Instrument :
MSVOA_N
ClientSampleId :
PB143590ZHE#12

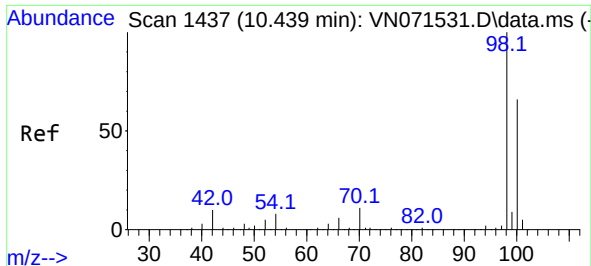
Tgt Ion:113 Resp: 378412
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 21.7 17.0 25.6



#43
Isopropyl Acetate
Concen: 4.533 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

Tgt Ion: 43 Resp: 103432
Ion Ratio Lower Upper
43 100
61 15.2 21.9 32.9#
87 9.3 12.0 18.0#

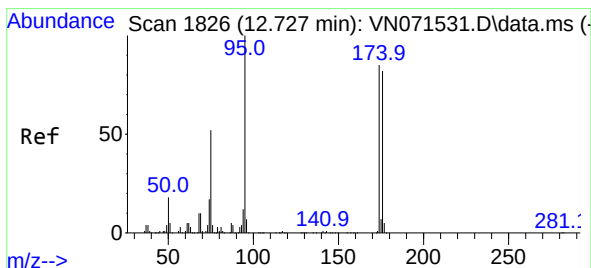
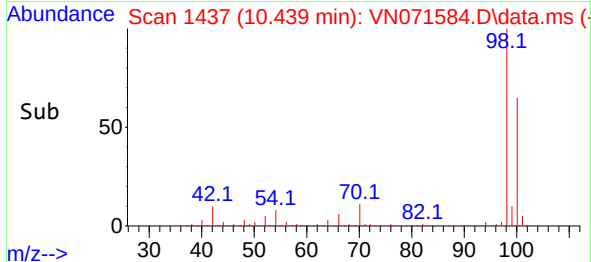
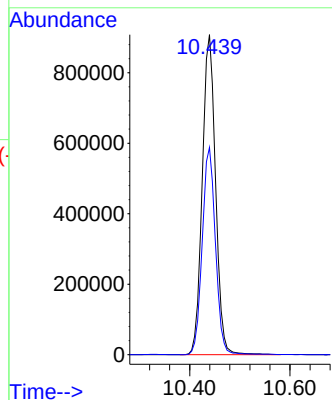
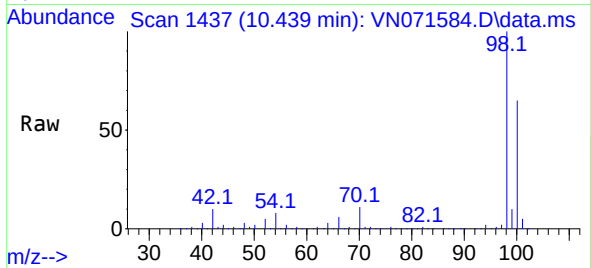




#50
Toluene-d8
Concen: 49.320 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

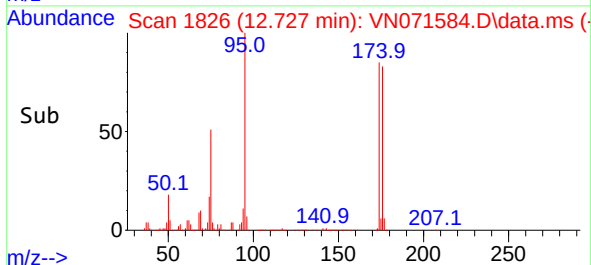
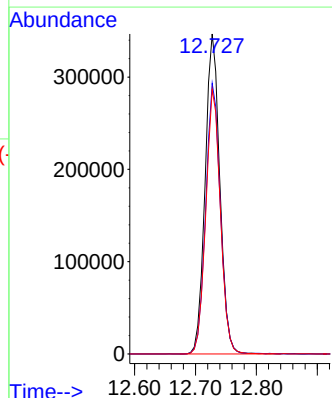
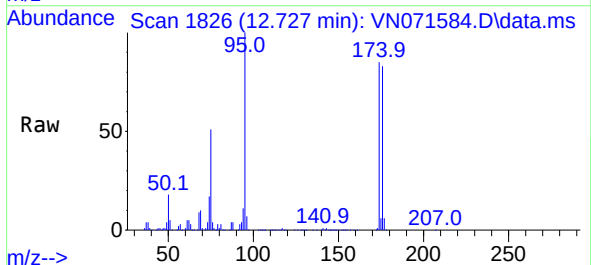
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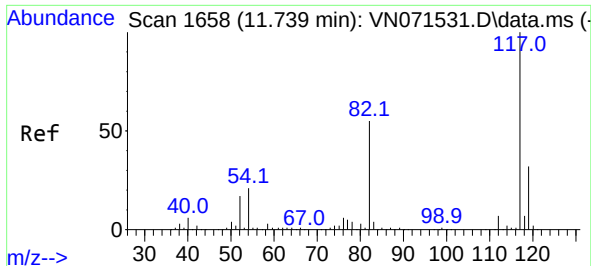
Tgt Ion: 98 Resp: 1670263
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.199 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

Tgt Ion: 95 Resp: 579226
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 82.3 0.0 163.4

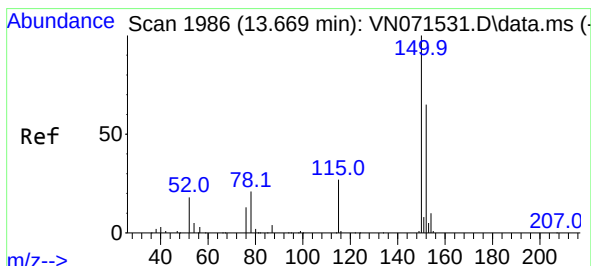
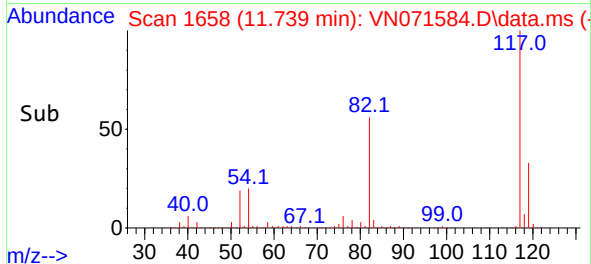
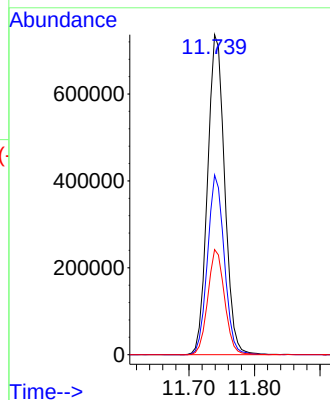
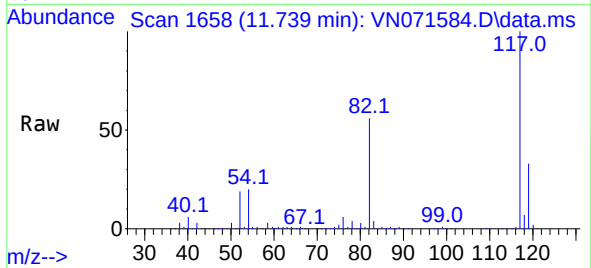




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

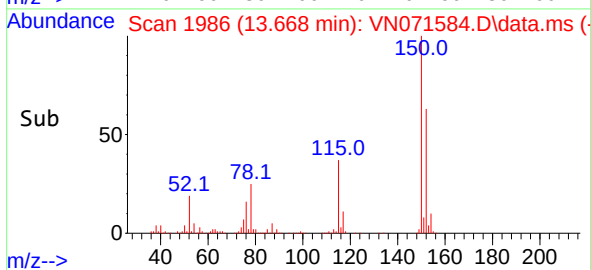
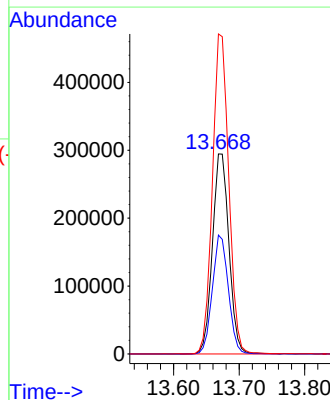
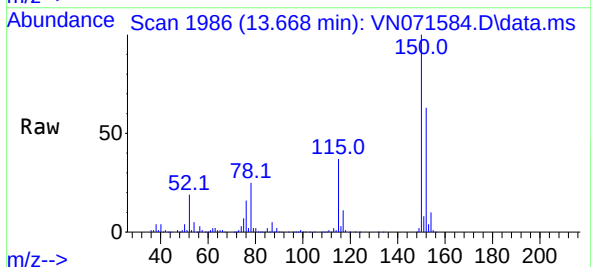
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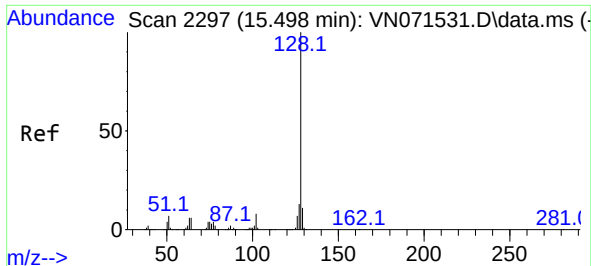
Tgt Ion:117 Resp: 1337468
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071584.D
Acq: 26 Mar 2022 19:51

Tgt Ion:152 Resp: 514548
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 158.0 0.0 356.2





#95

Naphthalene

Concen: 3.643 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071584.D

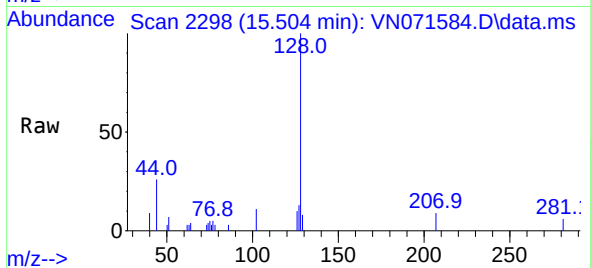
Acq: 26 Mar 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

PB143590ZHE#12



Tgt Ion:128 Resp: 11986

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 9.7 8.6 13.0

