

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073595.D
 Acq On : 25 Jul 2022 21:44
 Operator : JC\MD
 Sample : N3876-04 2000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-07-84

Quant Time: Jul 26 02:19:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

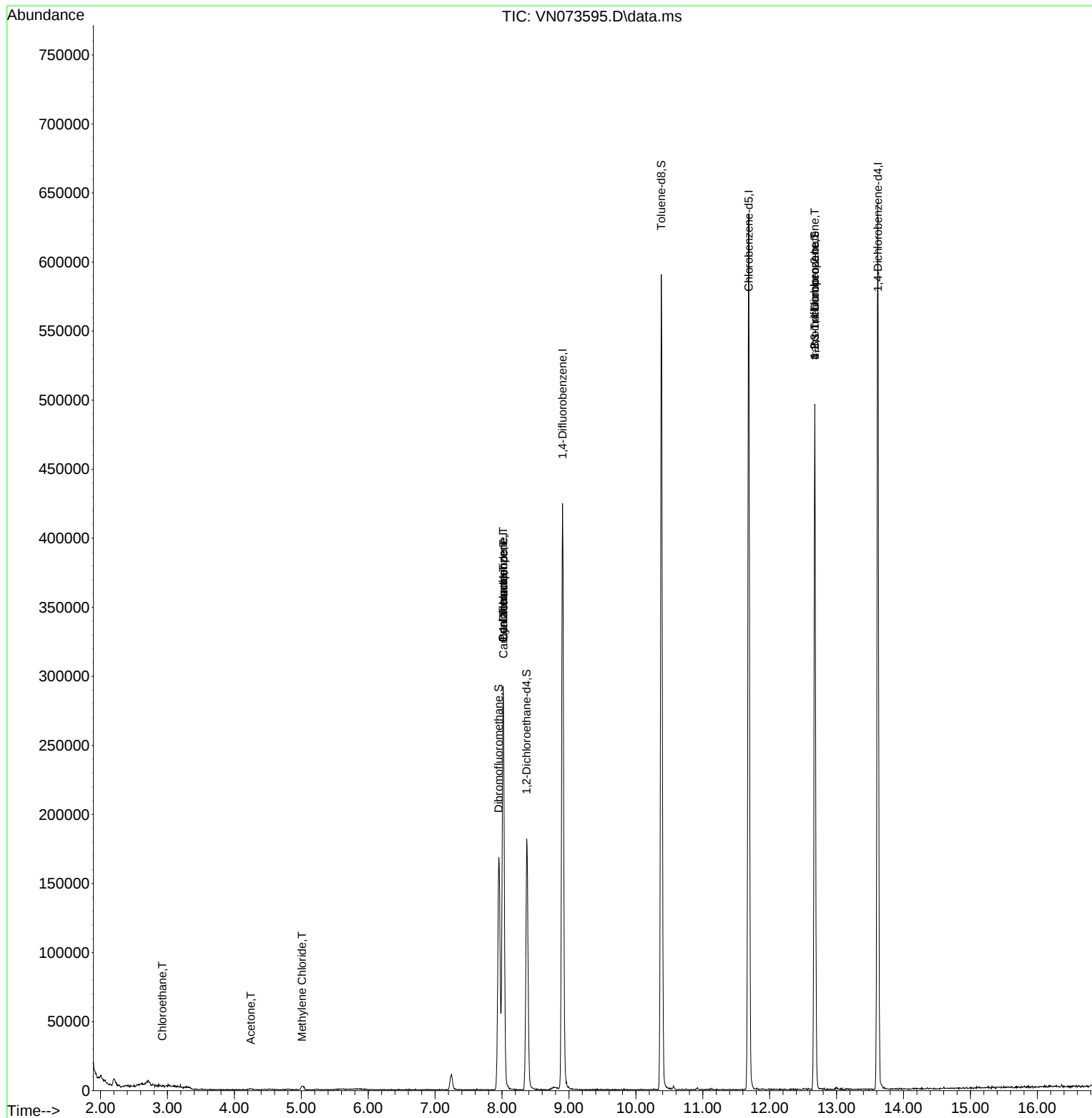
Internal Standards						
1) Pentafluorobenzene	8.016	168	218085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	369763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	347973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	164226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	147737	46.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.860%
35) Dibromofluoromethane	7.951	113	125485	51.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	10.381	98	396203	45.346	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.700%
62) 4-Bromofluorobenzene	12.674	95	159528	47.510	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%
Target Compounds						
					Qvalue	
6) Chloroethane	2.922	64	378	0.244	ug/l #	42
16) Acetone	4.246	43	1600	0.905	ug/l	94
20) Methylene Chloride	5.010	84	2142	0.690	ug/l #	76
31) Cyclohexane	8.016	56	5416	1.050	ug/l #	31
36) 1,1-Dichloropropene	8.016	75	19033	5.028	ug/l #	50
38) Carbon Tetrachloride	8.022	117	22972	5.868	ug/l #	19
76) 1,2,3-Trichloropropane	12.674	75	84992	19.792	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	84992	54.280	ug/l #	10

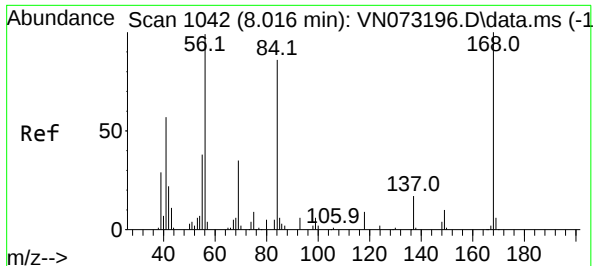
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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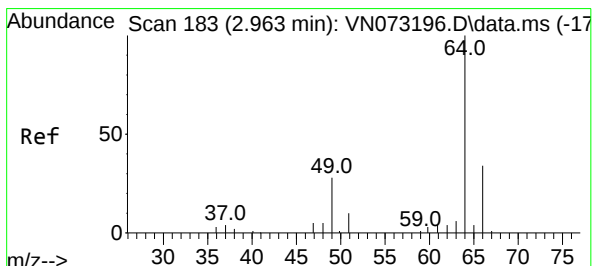
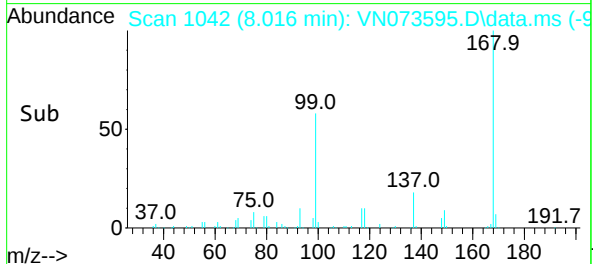
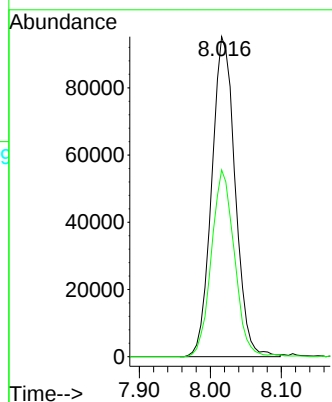
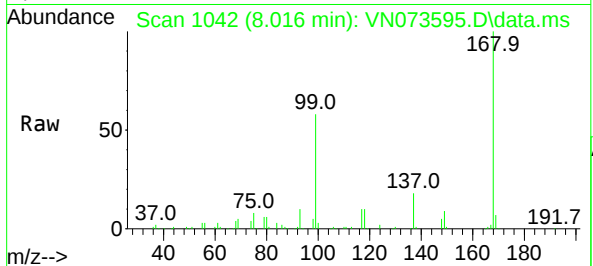




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

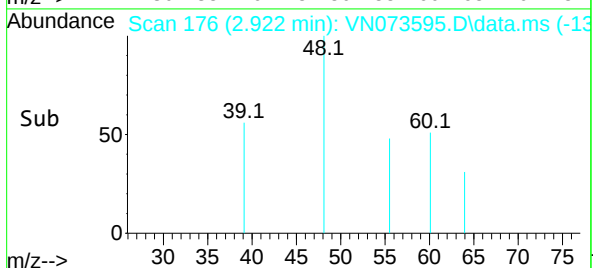
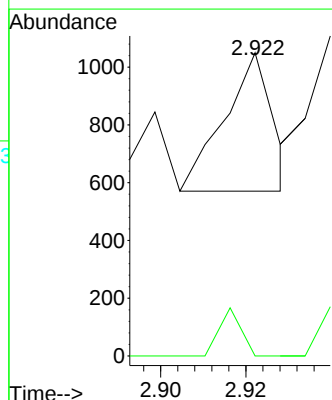
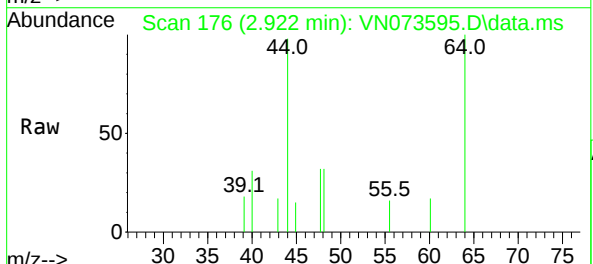
Instrument :
MSVOA_N
ClientSampleId :
SPC-07-84

Tgt Ion:168 Resp: 218085
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#6
Chloroethane
Concen: 0.244 ug/l
RT: 2.922 min Scan# 176
Delta R.T. -0.041 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

Tgt Ion: 64 Resp: 378
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

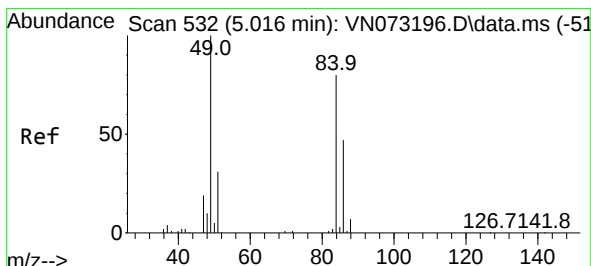
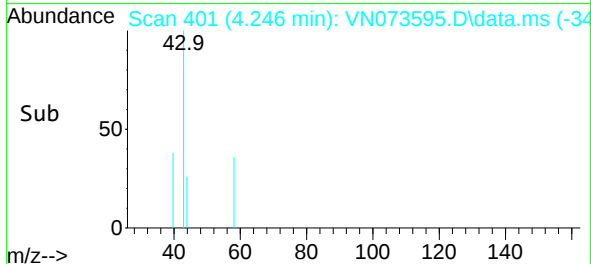
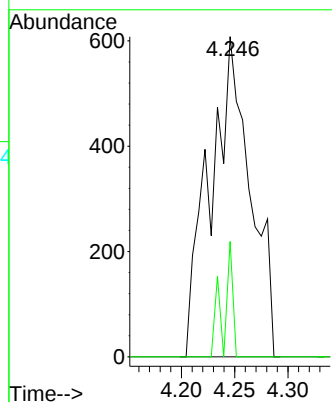
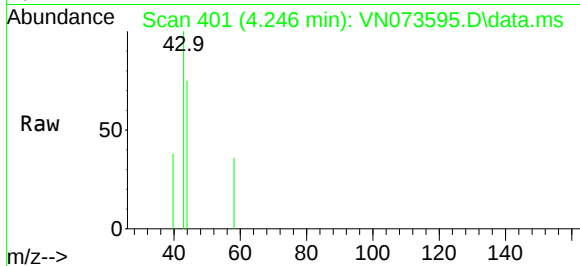




#16
Acetone
Concen: 0.905 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

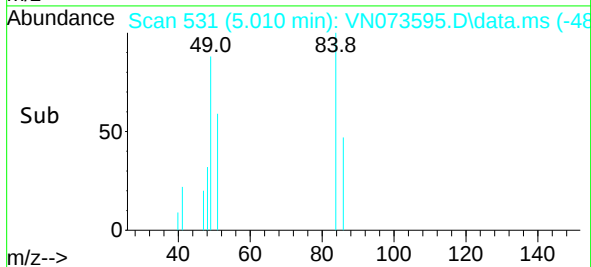
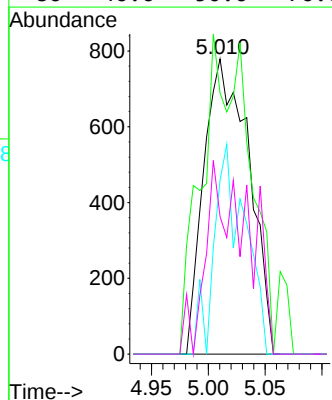
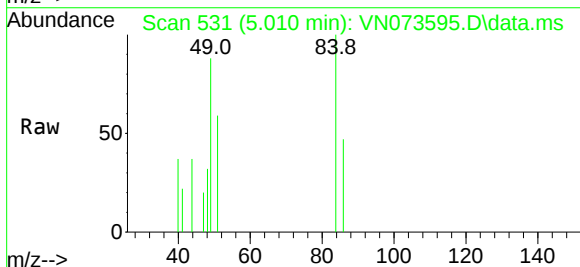
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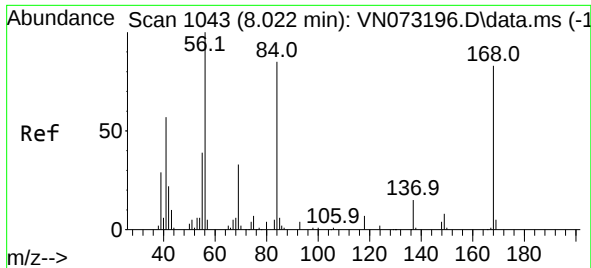
Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
58 36.0 26.0 39.0



#20
Methylene Chloride
Concen: 0.690 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

Tgt Ion: 84 Resp: 2142
Ion Ratio Lower Upper
84 100
49 88.4 88.3 132.5
51 58.8 28.2 42.2#
86 46.6 50.6 76.0#

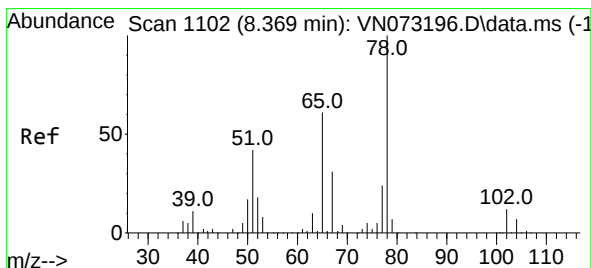
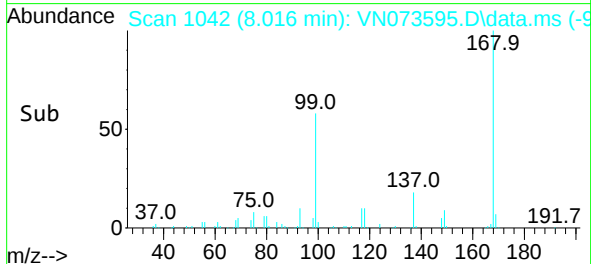
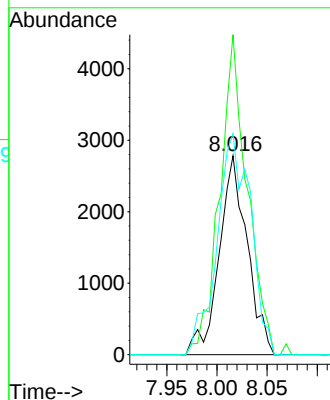
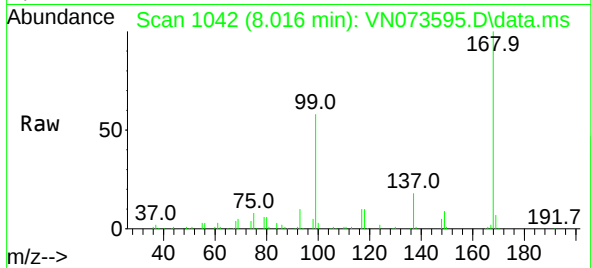




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

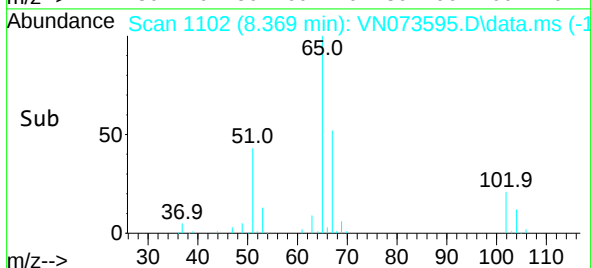
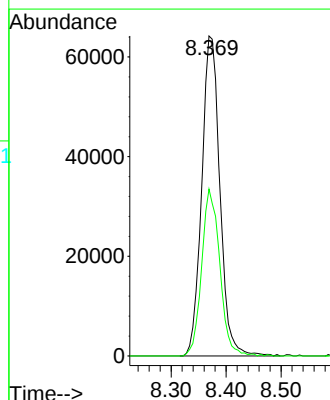
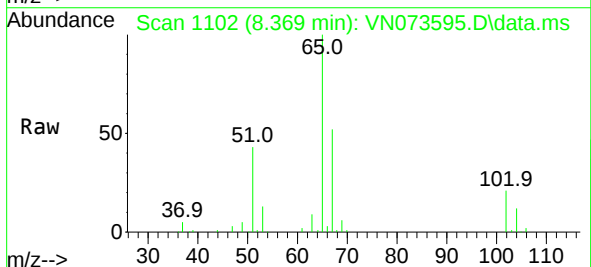
Instrument :
MSVOA_N
ClientSampleId :
SPC-07-84

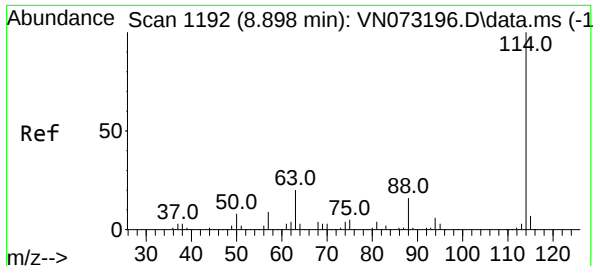
Tgt Ion: 56 Resp: 5416
Ion Ratio Lower Upper
56 100
69 160.9 27.8 41.8#
84 111.1 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.926 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

Tgt Ion: 65 Resp: 147737
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

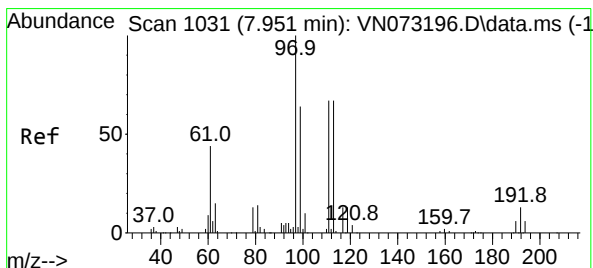
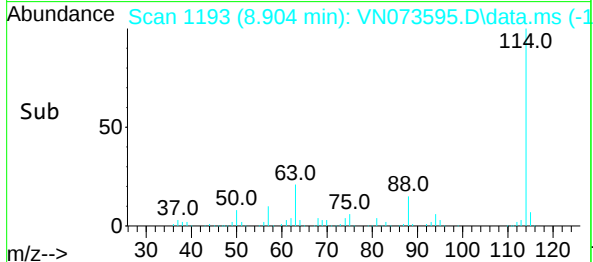
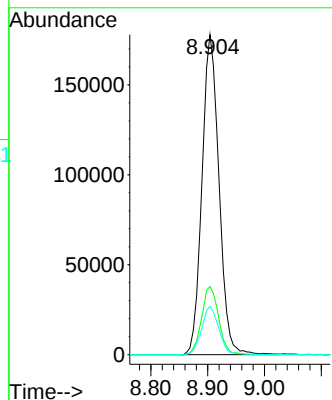
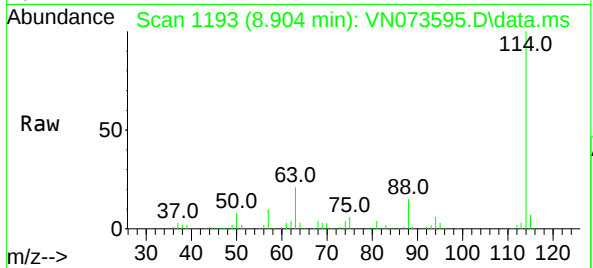




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

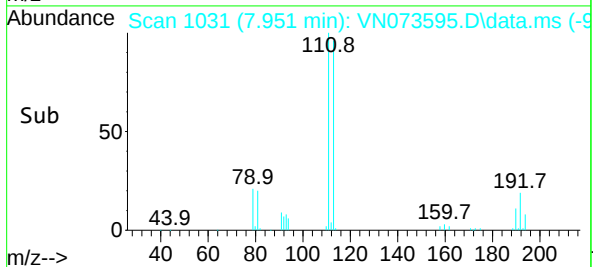
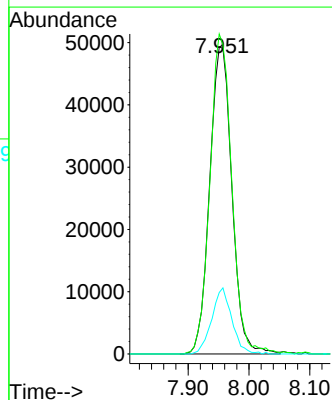
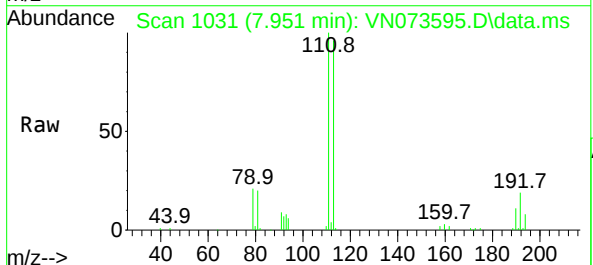
Instrument :
MSVOA_N
ClientSampleId :
SPC-07-84

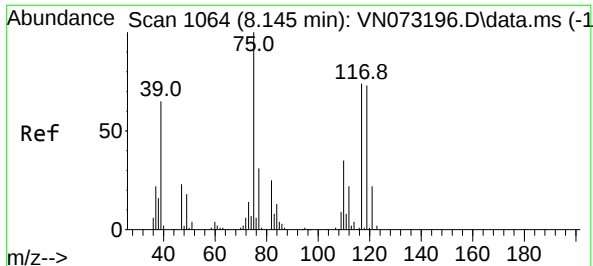
Tgt Ion:114 Resp: 369763
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.008 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

Tgt Ion:113 Resp: 125485
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.028 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073595.D

Acq: 25 Jul 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

SPC-07-84

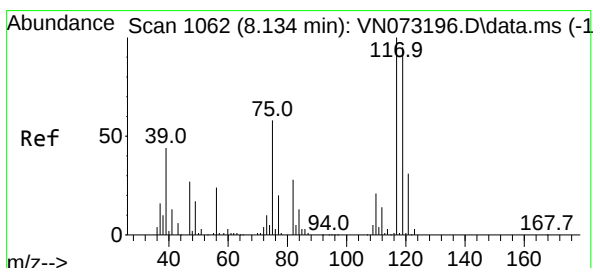
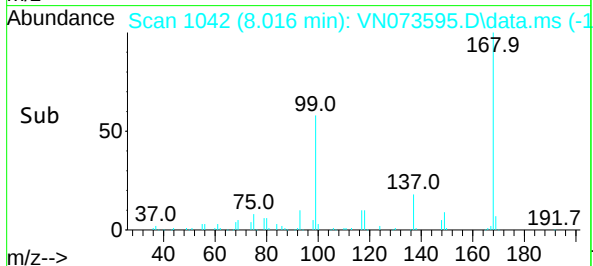
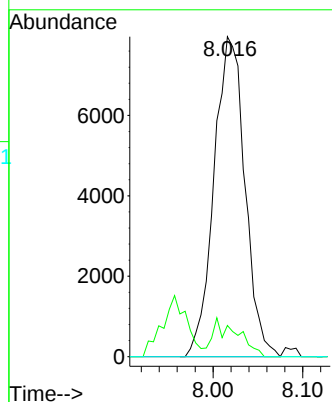
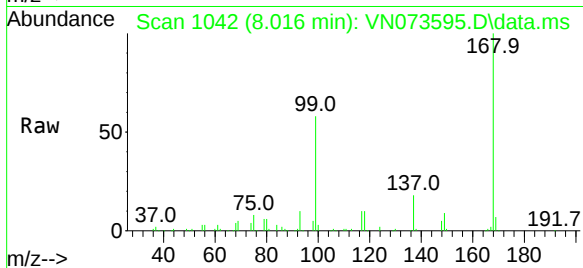
Tgt Ion: 75 Resp: 19033

Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.868 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073595.D

Acq: 25 Jul 2022 21:44

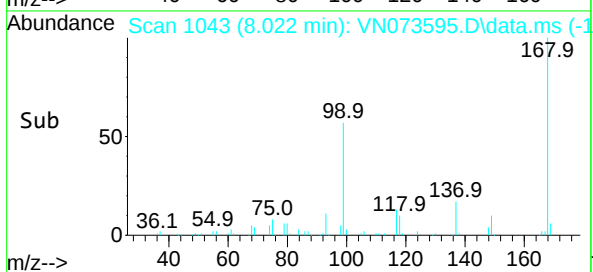
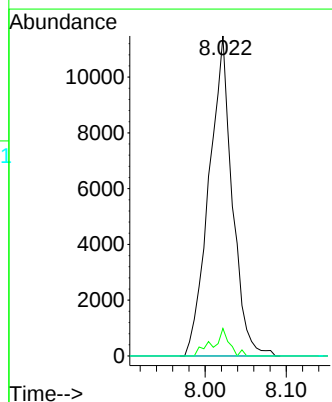
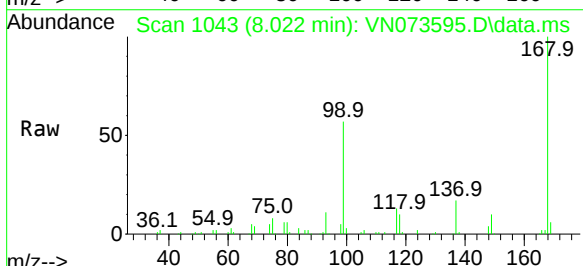
Tgt Ion: 117 Resp: 22972

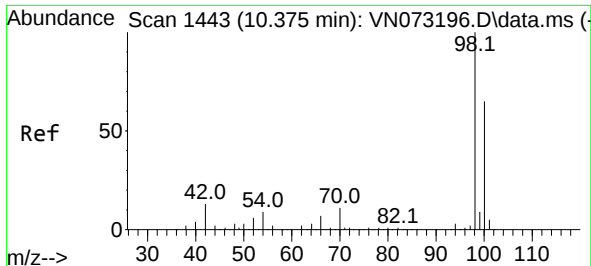
Ion Ratio Lower Upper

117 100

119 8.6 75.8 113.8#

121 0.0 24.6 37.0#

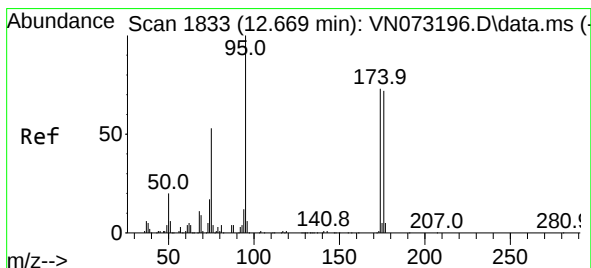
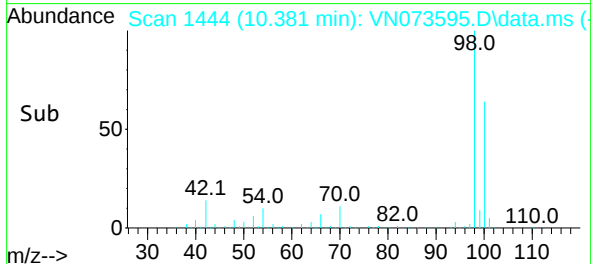
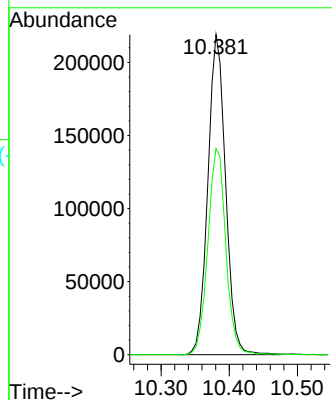
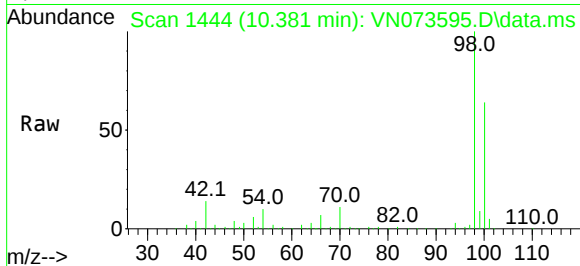




#50
Toluene-d8
Concen: 45.346 ug/l
RT: 10.381 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

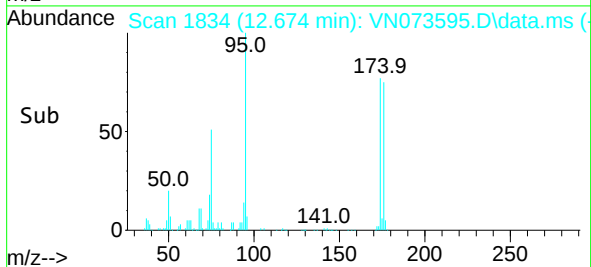
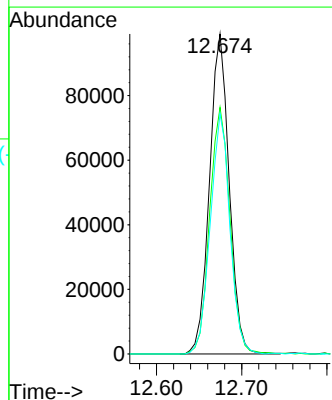
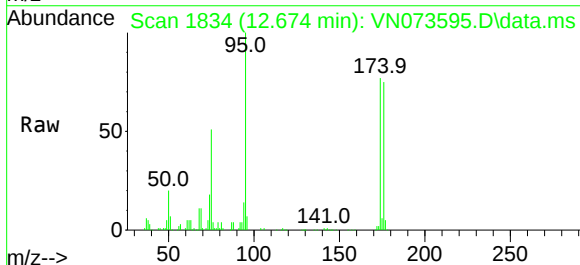
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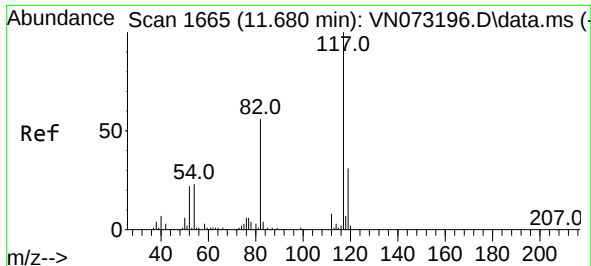
Tgt Ion: 98 Resp: 396203
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.510 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

Tgt Ion: 95 Resp: 159528
Ion Ratio Lower Upper
95 100
174 79.4 0.0 167.6
176 74.7 0.0 163.4

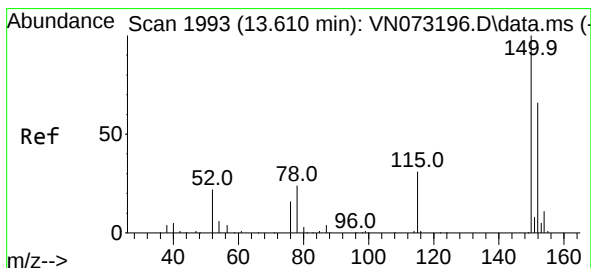
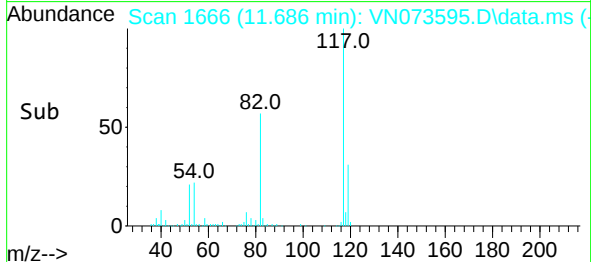
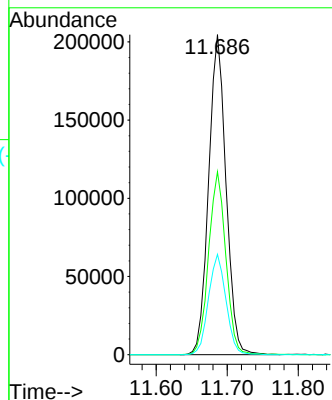
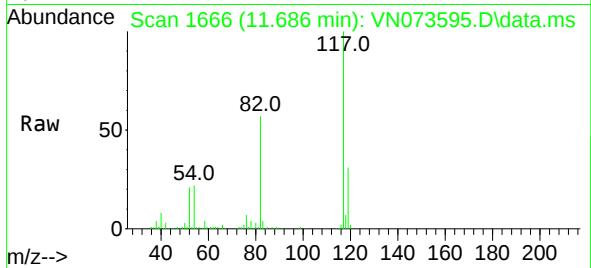




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

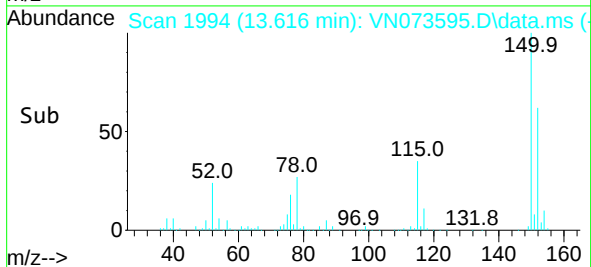
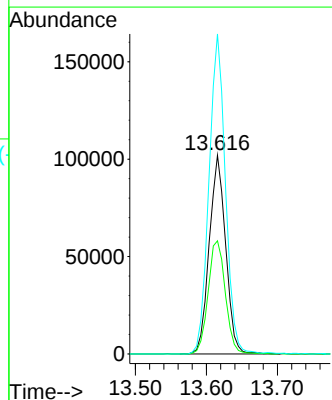
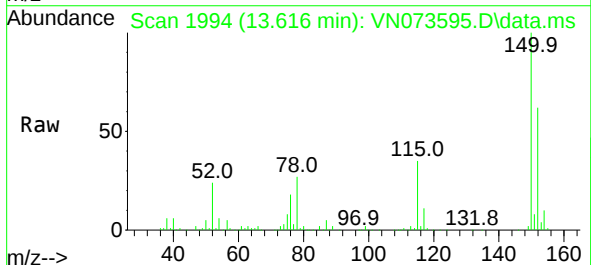
Instrument :
MSVOA_N
ClientSampleId :
SPC-07-84

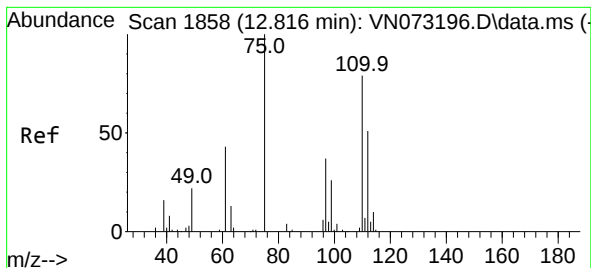
Tgt Ion:117 Resp: 347973
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073595.D
Acq: 25 Jul 2022 21:44

Tgt Ion:152 Resp: 164226
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 160.6 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 19.792 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073595.D

Acq: 25 Jul 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

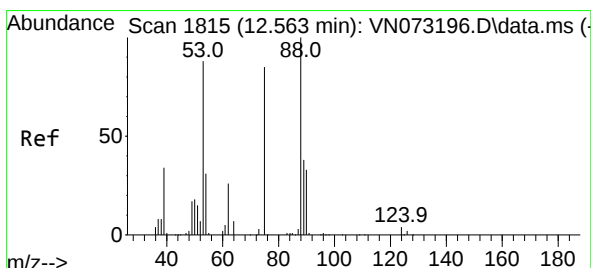
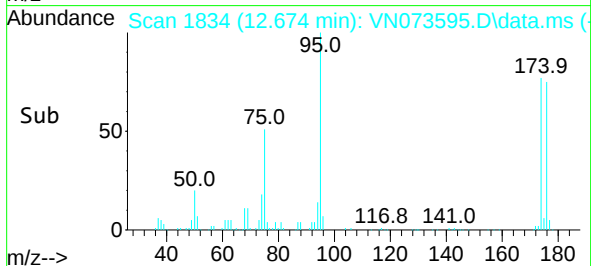
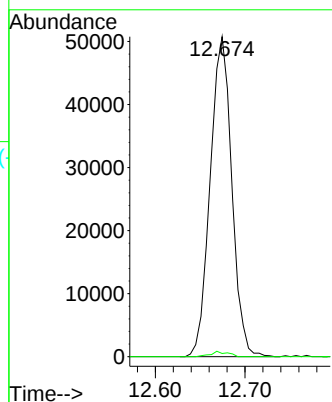
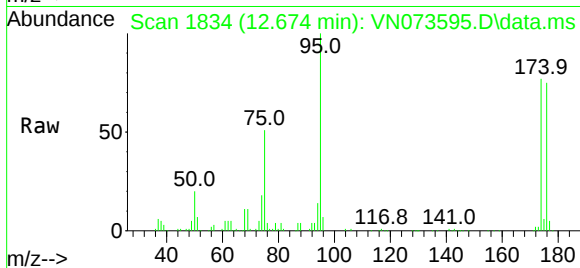
SPC-07-84

Tgt Ion: 75 Resp: 84992

Ion Ratio Lower Upper

75 100

77 1.3 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.280 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.111 min

Lab File: VN073595.D

Acq: 25 Jul 2022 21:44

Tgt Ion: 75 Resp: 84992

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

