

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075429.D
 Acq On : 25 Nov 2022 18:30
 Operator : JC\MD
 Sample : N5756-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D1-20221120

Quant Time: Nov 28 03:38:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

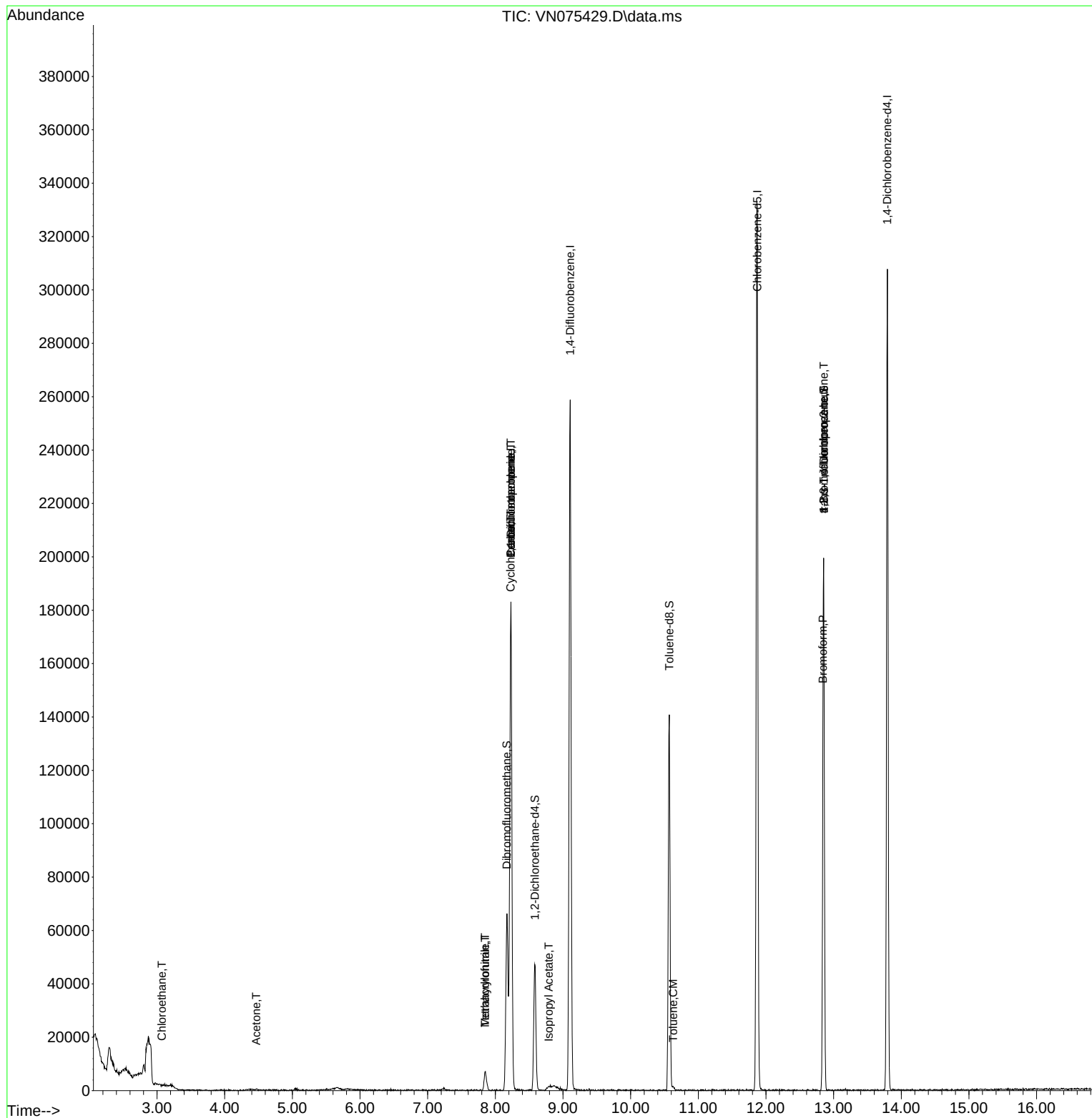
Internal Standards						
1) Pentafluorobenzene	8.229	168	138149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	241955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	209806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	38739	52.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.480%	
35) Dibromofluoromethane	8.171	113	47140	49.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.200%	
50) Toluene-d8	10.570	98	100547	46.968	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.940%	
62) 4-Bromofluorobenzene	12.853	95	69157	43.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.540%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.071	64	335	0.267	ug/l #	45
16) Acetone	4.465	43	323	0.467	ug/l #	43
18) Methyl Acetate	5.036	43	687	Below Cal	#	82
29) Tetrahydrofuran	7.847	42	5477	9.324	ug/l	96
31) Cyclohexane	8.224	56	2782	1.181	ug/l #	51
36) 1,1-Dichloropropene	8.229	75	10372	5.004	ug/l #	51
38) Carbon Tetrachloride	8.229	117	14079	6.183	ug/l #	15
41) Methacrylonitrile	7.847	41	3037	3.183	ug/l #	41
43) Isopropyl Acetate	8.788	43	1281	0.428	ug/l #	53
52) Toluene	10.629	92	851	0.208	ug/l	84
71) Bromoform	12.841	173	260	0.211	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	34537	21.578	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	34537	63.845	ug/l #	10

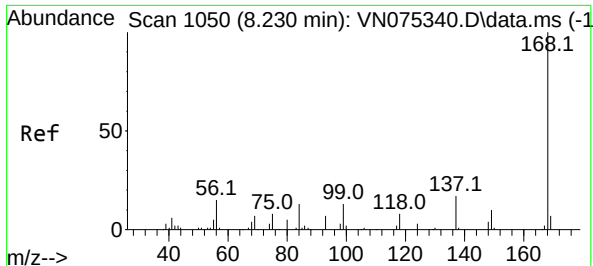
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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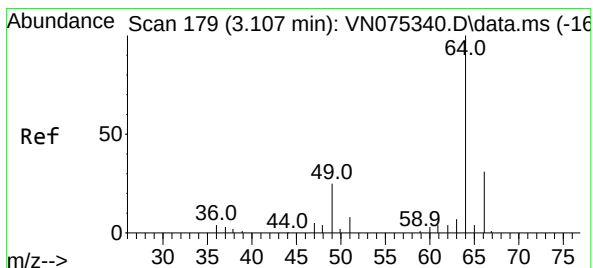
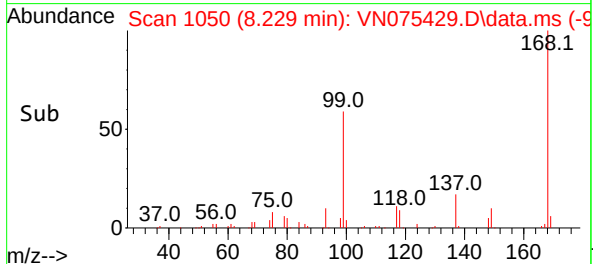
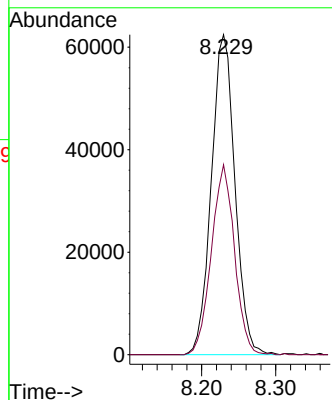
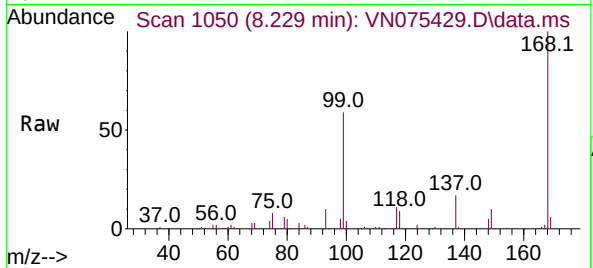




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

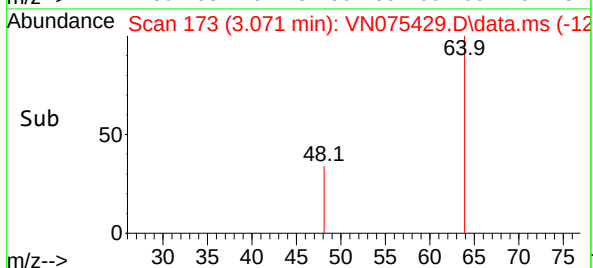
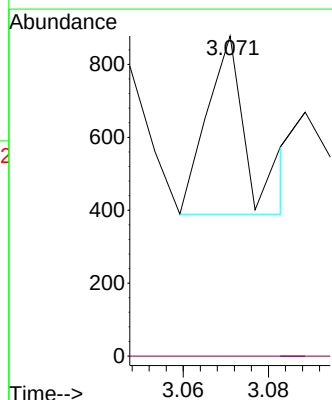
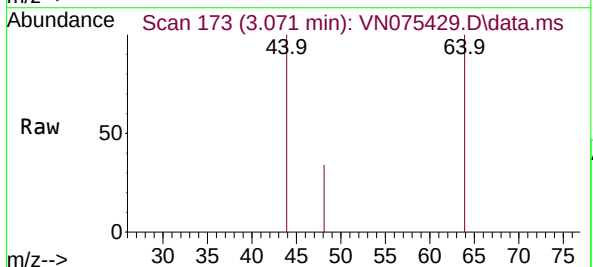
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20221120

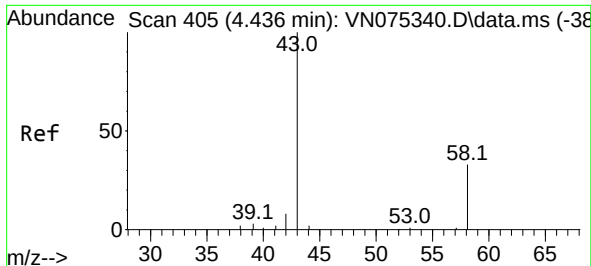
Tgt Ion:168 Resp: 138149
Ion Ratio Lower Upper
168 100
99 59.4 51.6 77.4



#6
Chloroethane
Concen: 0.267 ug/l
RT: 3.071 min Scan# 173
Delta R.T. -0.036 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#





#16

Acetone

Concen: 0.467 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.029 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

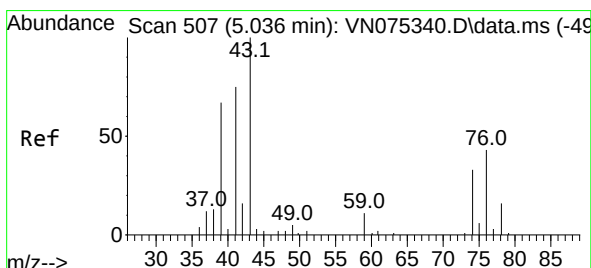
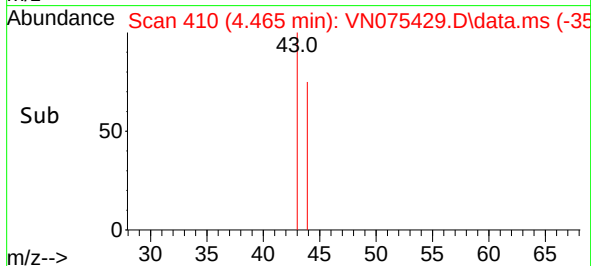
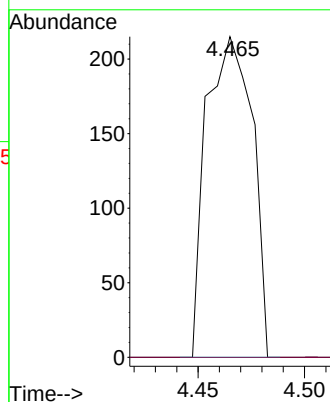
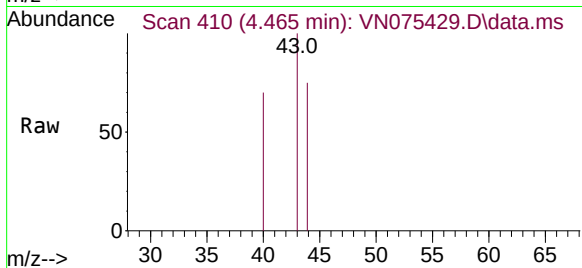
RW9-MW01D1-20221120

Tgt Ion: 43 Resp: 323

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN075429.D

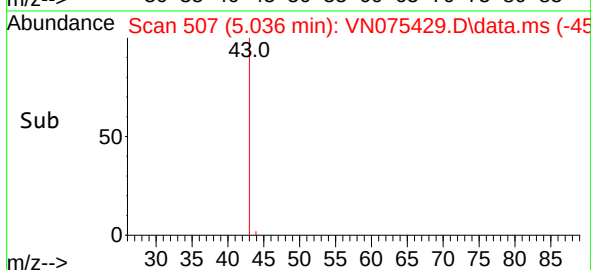
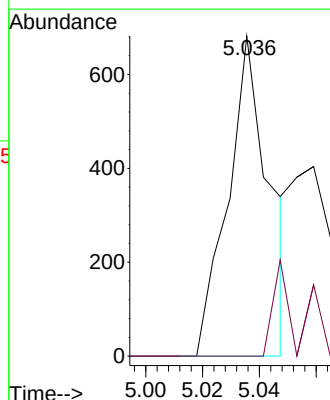
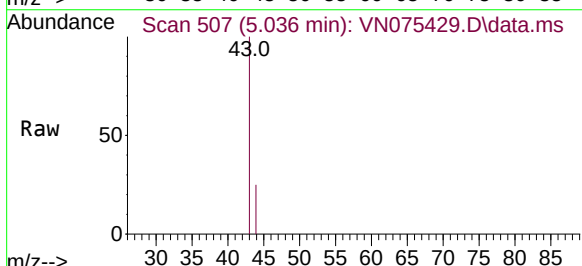
Acq: 25 Nov 2022 18:30

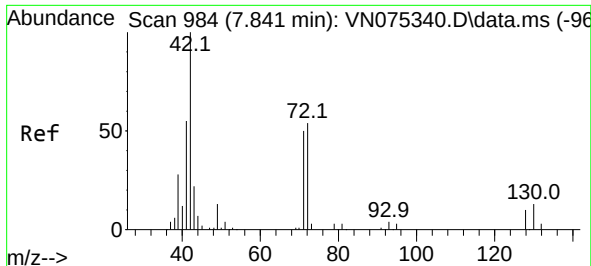
Tgt Ion: 43 Resp: 687

Ion Ratio Lower Upper

43 100

74 18.3 22.0 33.0#





#29

Tetrahydrofuran

Concen: 9.324 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075429.D

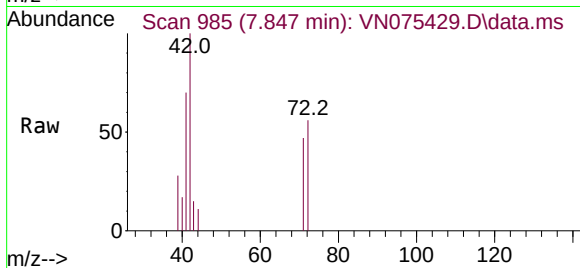
Acq: 25 Nov 2022 18:30

Instrument :

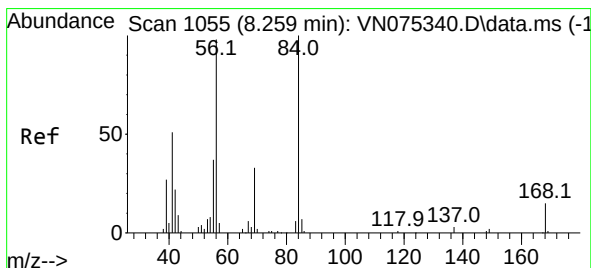
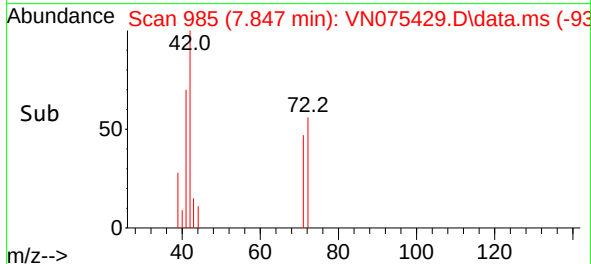
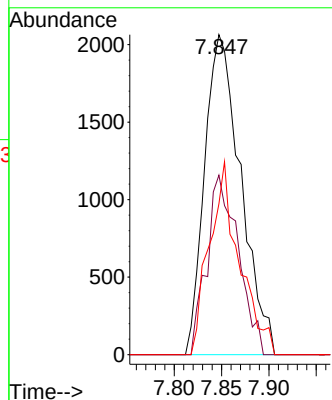
MSVOA_N

ClientSampleId :

RW9-MW01D1-20221120



Tgt Ion:	42	Resp:	5477
Ion	Ratio	Lower	Upper
42	100		
72	48.8	43.0	64.6
71	50.2	39.9	59.9



#31

Cyclohexane

Concen: 1.181 ug/l

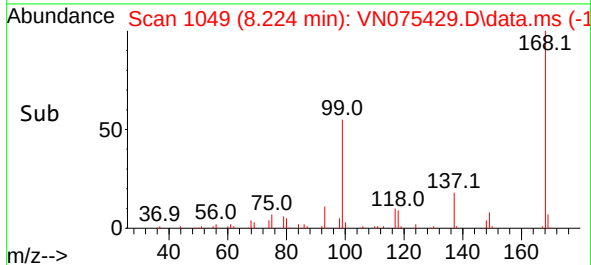
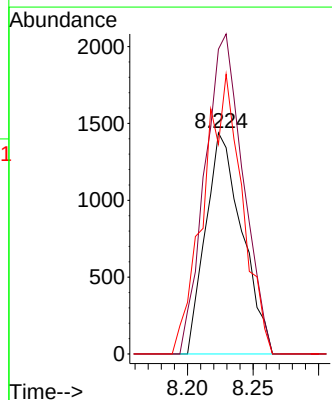
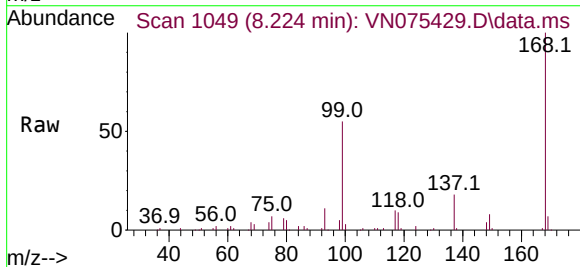
RT: 8.224 min Scan# 1049

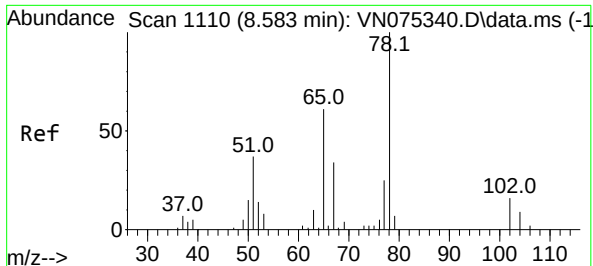
Delta R.T. -0.035 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

Tgt Ion:	56	Resp:	2782
Ion	Ratio	Lower	Upper
56	100		
69	137.8	25.2	37.8
84	94.9	77.8	116.8





#33

1,2-Dichloroethane-d4

Concen: 52.240 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

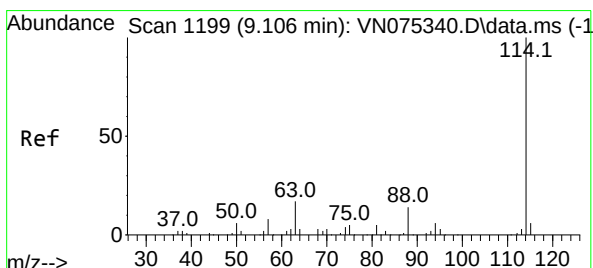
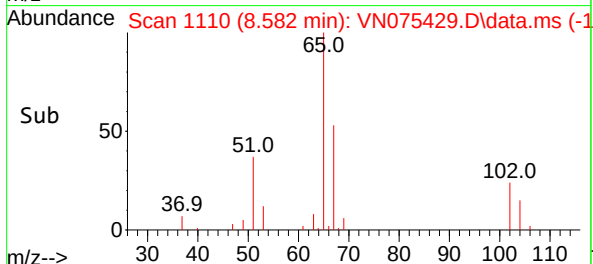
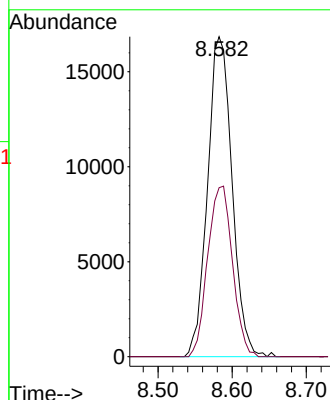
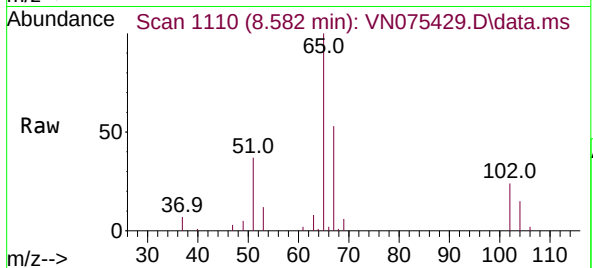
RW9-MW01D1-20221120

Tgt Ion: 65 Resp: 38739

Ion Ratio Lower Upper

65 100

67 53.8 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

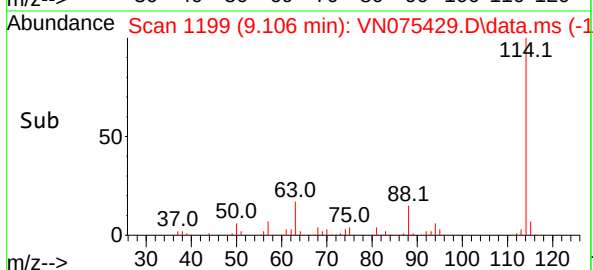
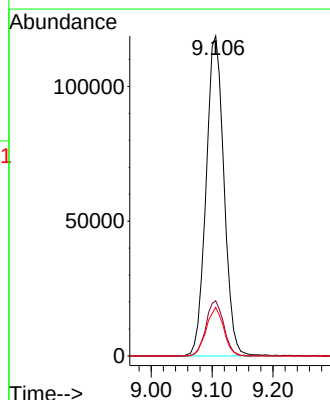
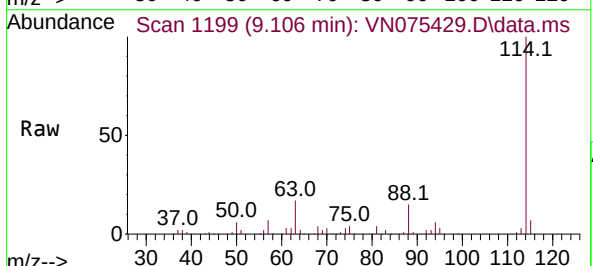
Tgt Ion: 114 Resp: 241955

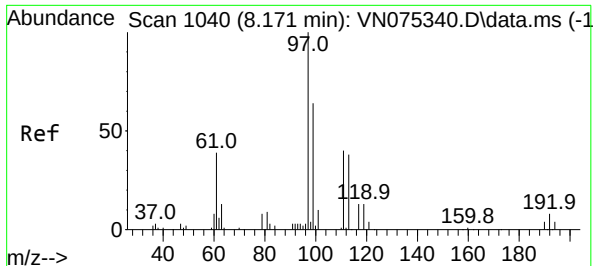
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.596 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D1-20221120

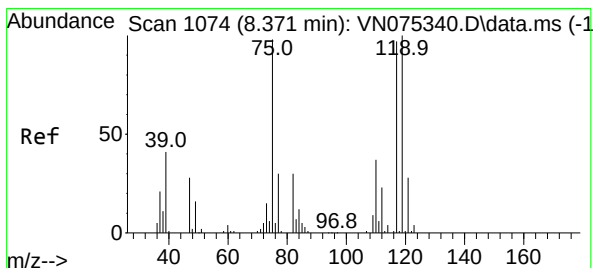
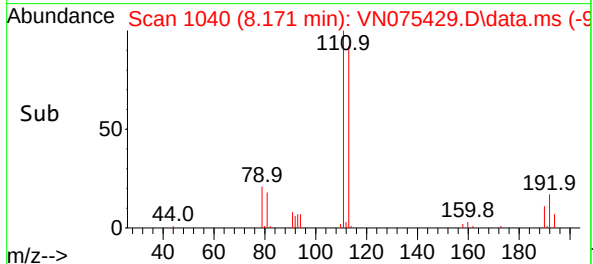
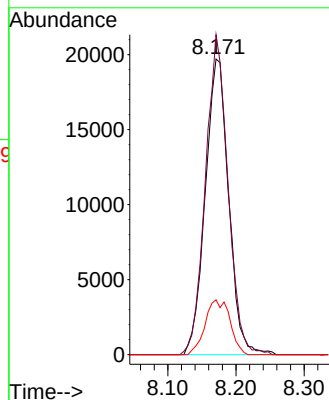
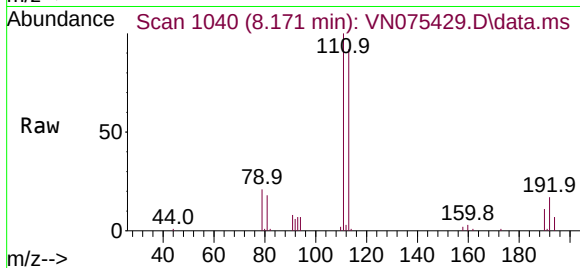
Tgt Ion:113 Resp: 47140

Ion Ratio Lower Upper

113 100

111 104.1 80.5 120.7

192 19.7 13.2 19.8



#36

1,1-Dichloropropene

Concen: 5.004 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.142 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

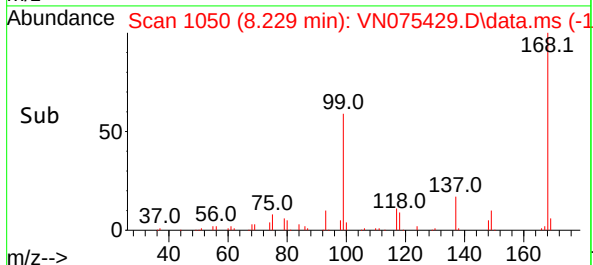
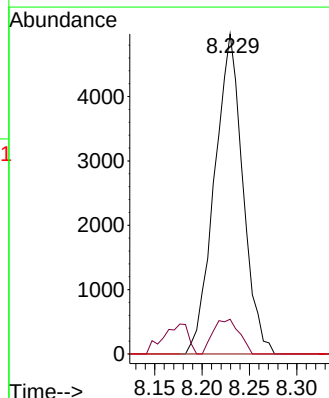
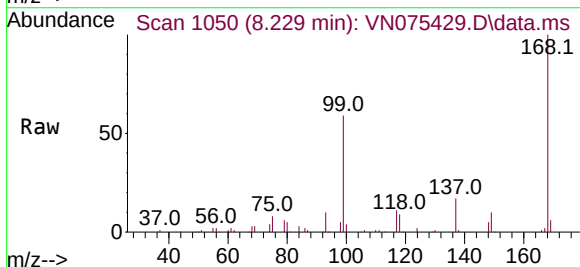
Tgt Ion: 75 Resp: 10372

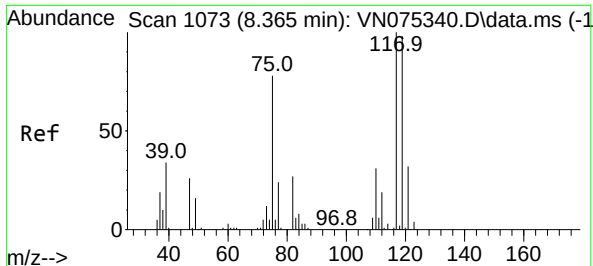
Ion Ratio Lower Upper

75 100

110 10.0 17.8 53.3#

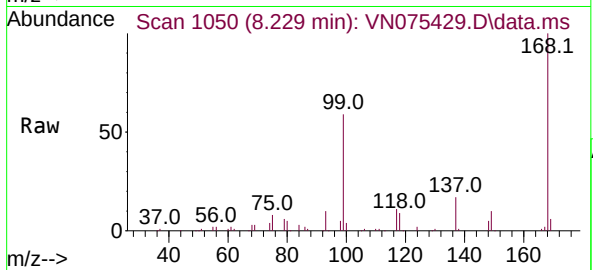
77 0.0 24.6 37.0#



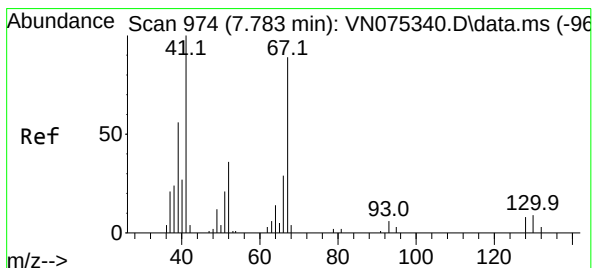
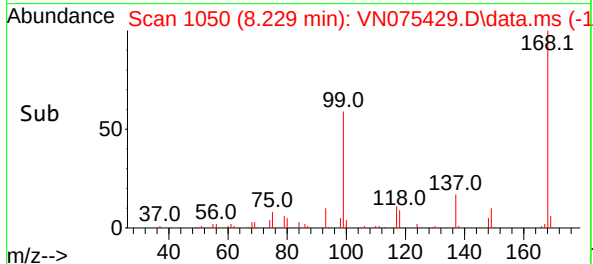
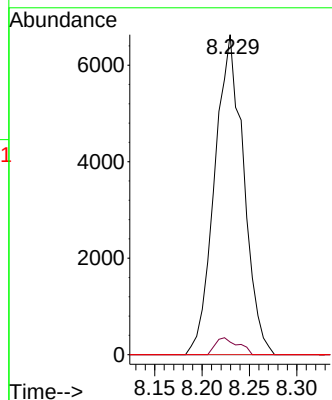


#38
Carbon Tetrachloride
Concen: 6.183 ug/l
RT: 8.229 min Scan# 1073
Delta R.T. -0.136 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20221120

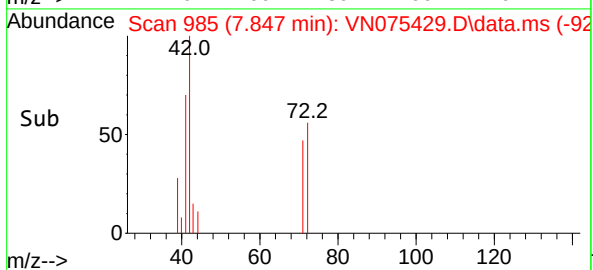
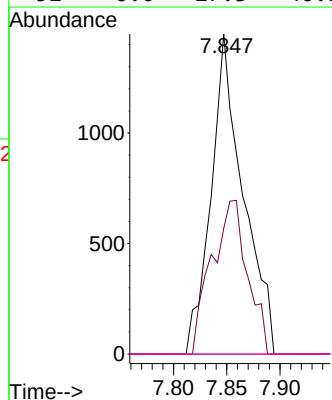
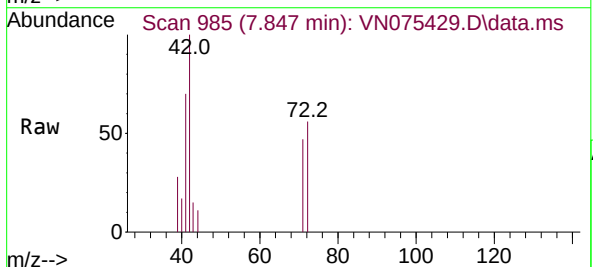


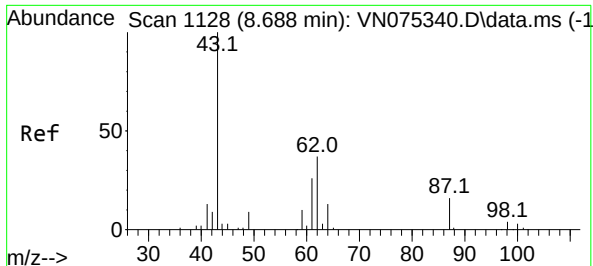
Tgt Ion:117 Resp: 14079
Ion Ratio Lower Upper
117 100
119 4.0 76.7 115.1#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 3.183 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.064 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

Tgt Ion: 41 Resp: 3037
Ion Ratio Lower Upper
41 100
39 53.6 44.4 66.6
67 0.0 69.8 104.6#
52 0.0 27.3 40.9#





#43

Isopropyl Acetate

Concen: 0.428 ug/l

RT: 8.788 min Scan# 1128

Delta R.T. 0.100 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D1-20221120

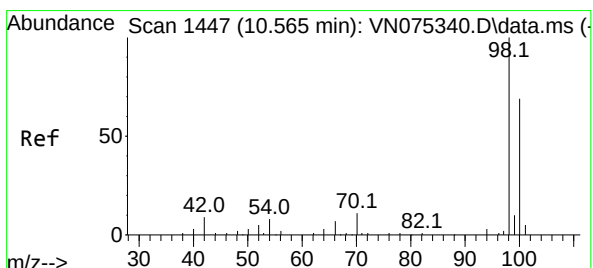
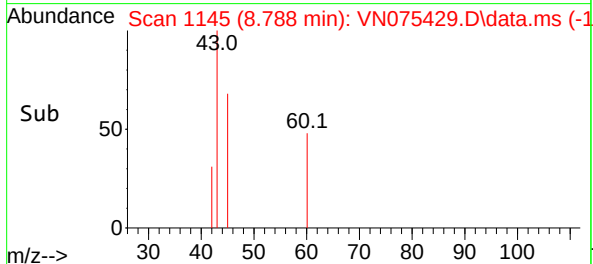
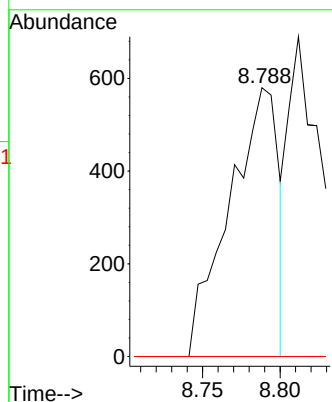
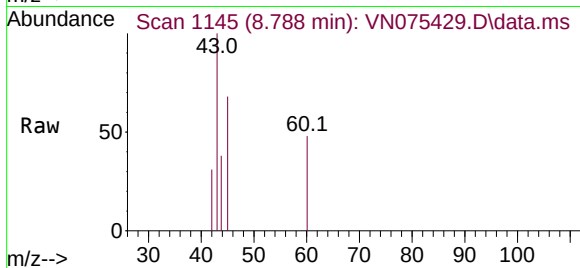
Tgt Ion: 43 Resp: 1281

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 46.968 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.005 min

Lab File: VN075429.D

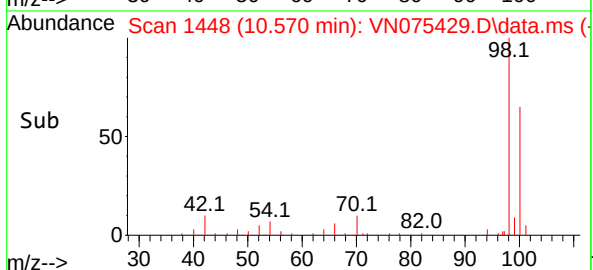
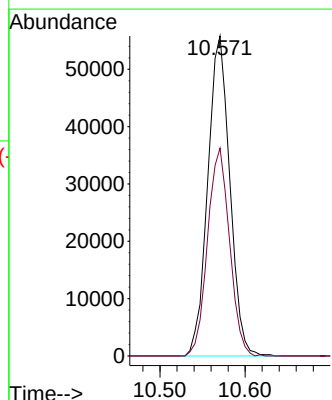
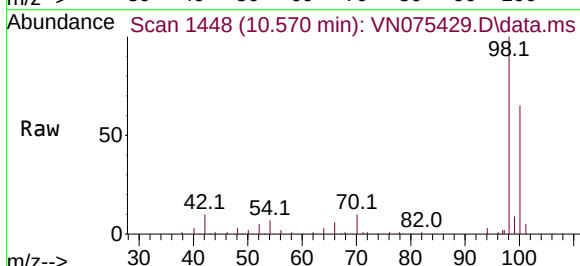
Acq: 25 Nov 2022 18:30

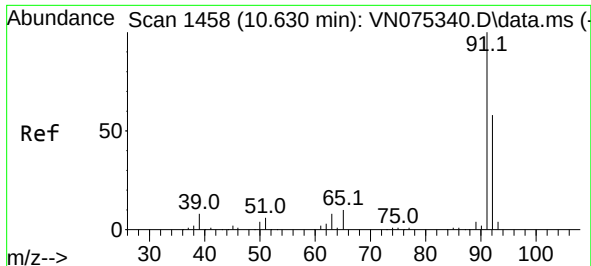
Tgt Ion: 98 Resp: 100547

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.6

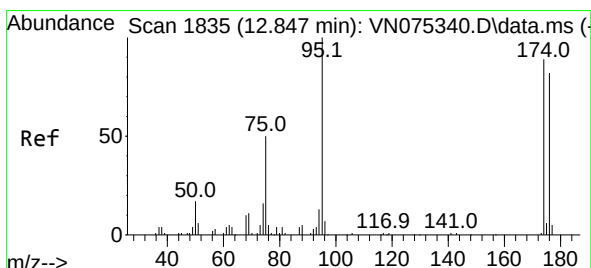
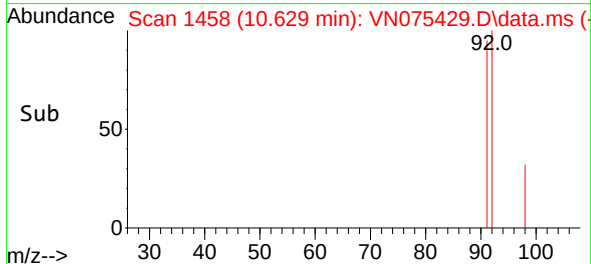
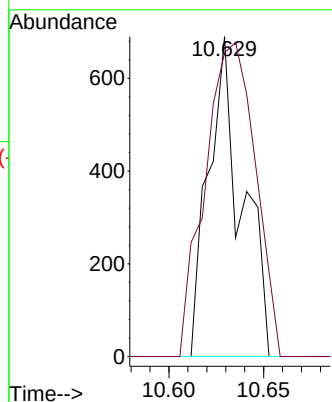
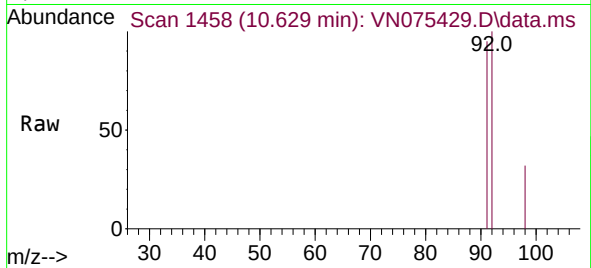




#52
Toluene
Concen: 0.208 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

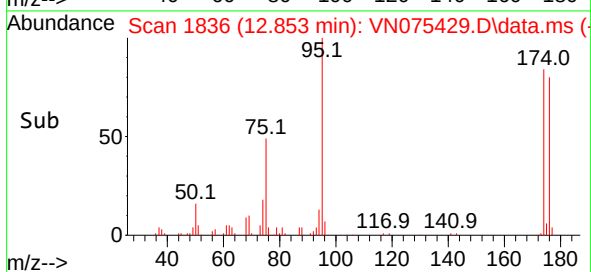
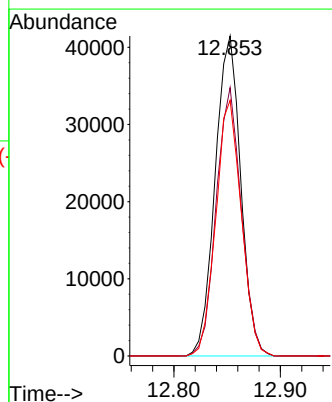
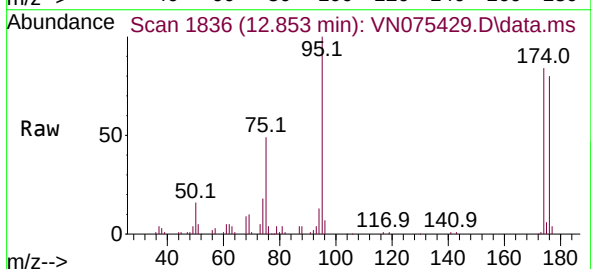
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20221120

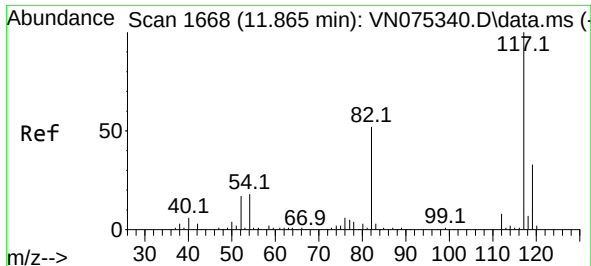
Tgt Ion: 92 Resp: 851
Ion Ratio Lower Upper
92 100
91 147.0 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 43.767 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

Tgt Ion: 95 Resp: 69157
Ion Ratio Lower Upper
95 100
174 82.2 0.0 147.4
176 79.7 0.0 142.2

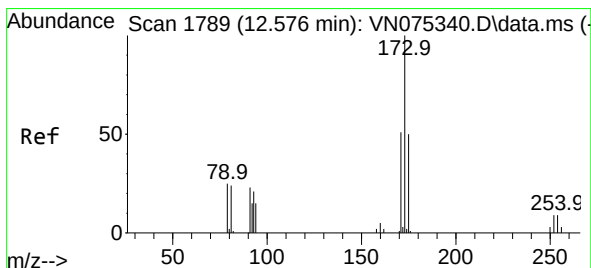
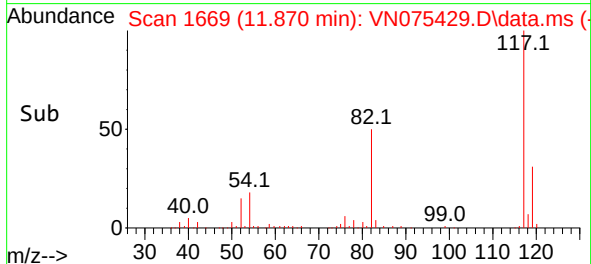
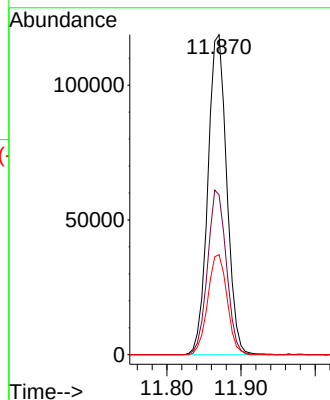
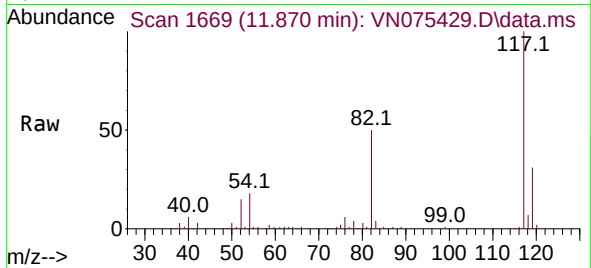




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1177
Delta R.T. 0.005 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

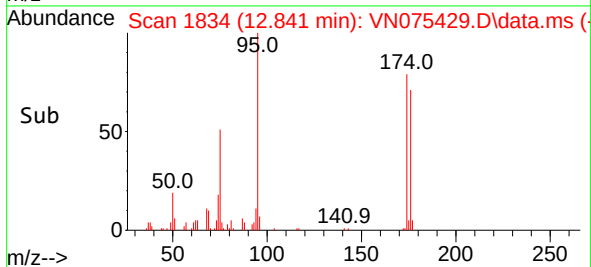
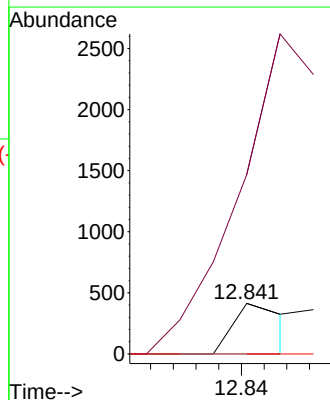
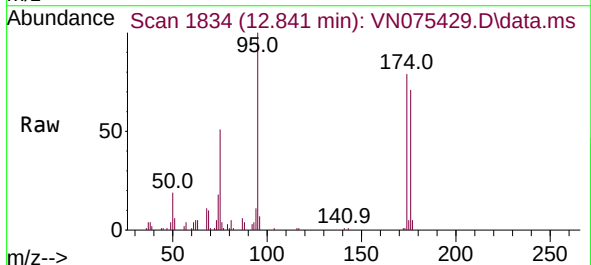
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20221120

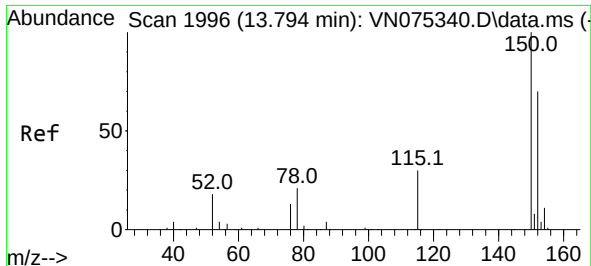
Tgt Ion:117 Resp: 209806
Ion Ratio Lower Upper
117 100
82 50.0 43.1 64.7
119 31.2 25.5 38.3



#71
Bromoform
Concen: 0.211 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.265 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

Tgt Ion:173 Resp: 260
Ion Ratio Lower Upper
173 100
175 1005.8 24.6 74.0#
254 0.0 0.0 0.0

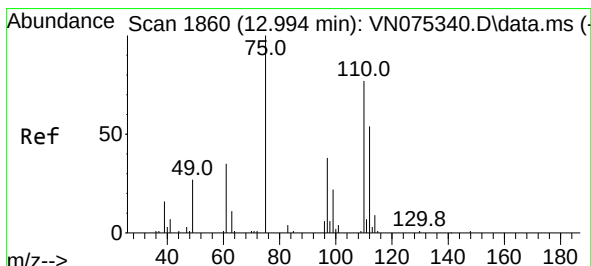
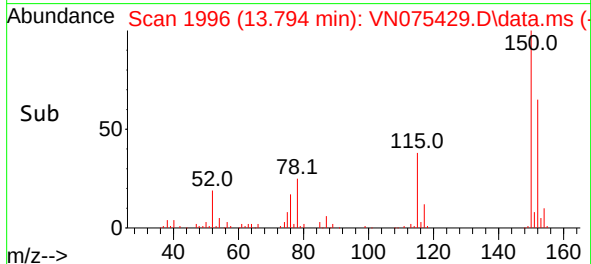
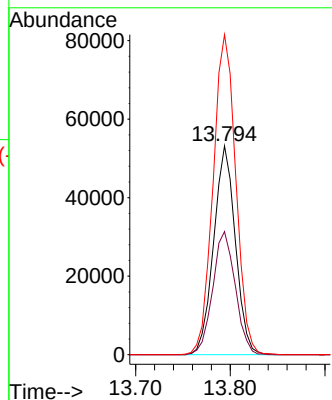
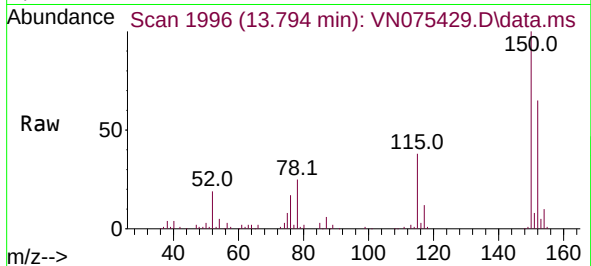




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

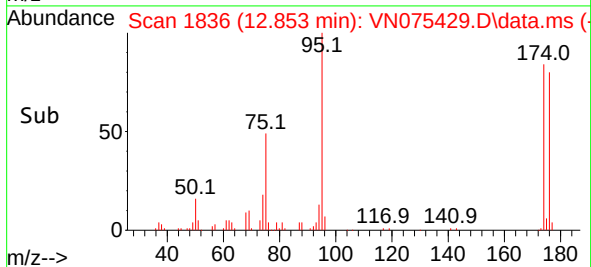
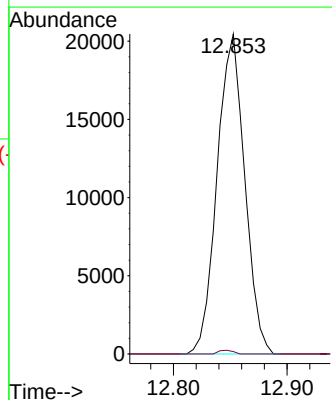
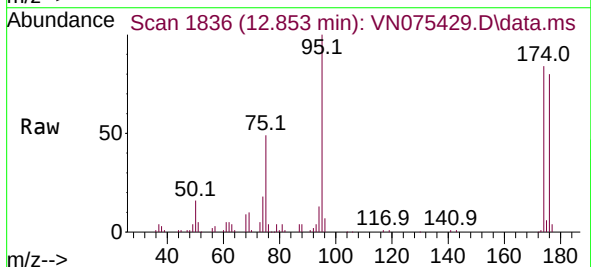
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20221120

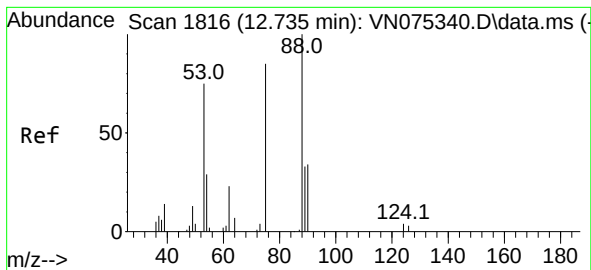
Tgt Ion:	152	Resp:	84652
Ion Ratio	Lower	Upper	
152	100		
115	61.2	30.2	90.6
150	160.2	0.0	348.4



#76
1,2,3-Trichloropropane
Concen: 21.578 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

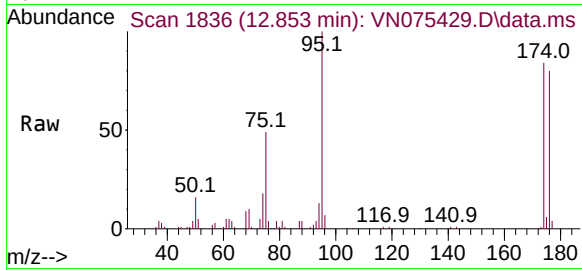
Tgt Ion:	75	Resp:	34537
Ion Ratio	Lower	Upper	
75	100		
77	0.6	75.6	226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.845 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075429.D
 Acq: 25 Nov 2022 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D1-20221120



Tgt Ion: 75 Resp: 34537
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

