

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075430.D
 Acq On : 25 Nov 2022 18:54
 Operator : JC\MD
 Sample : N5756-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 03:38:36 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)

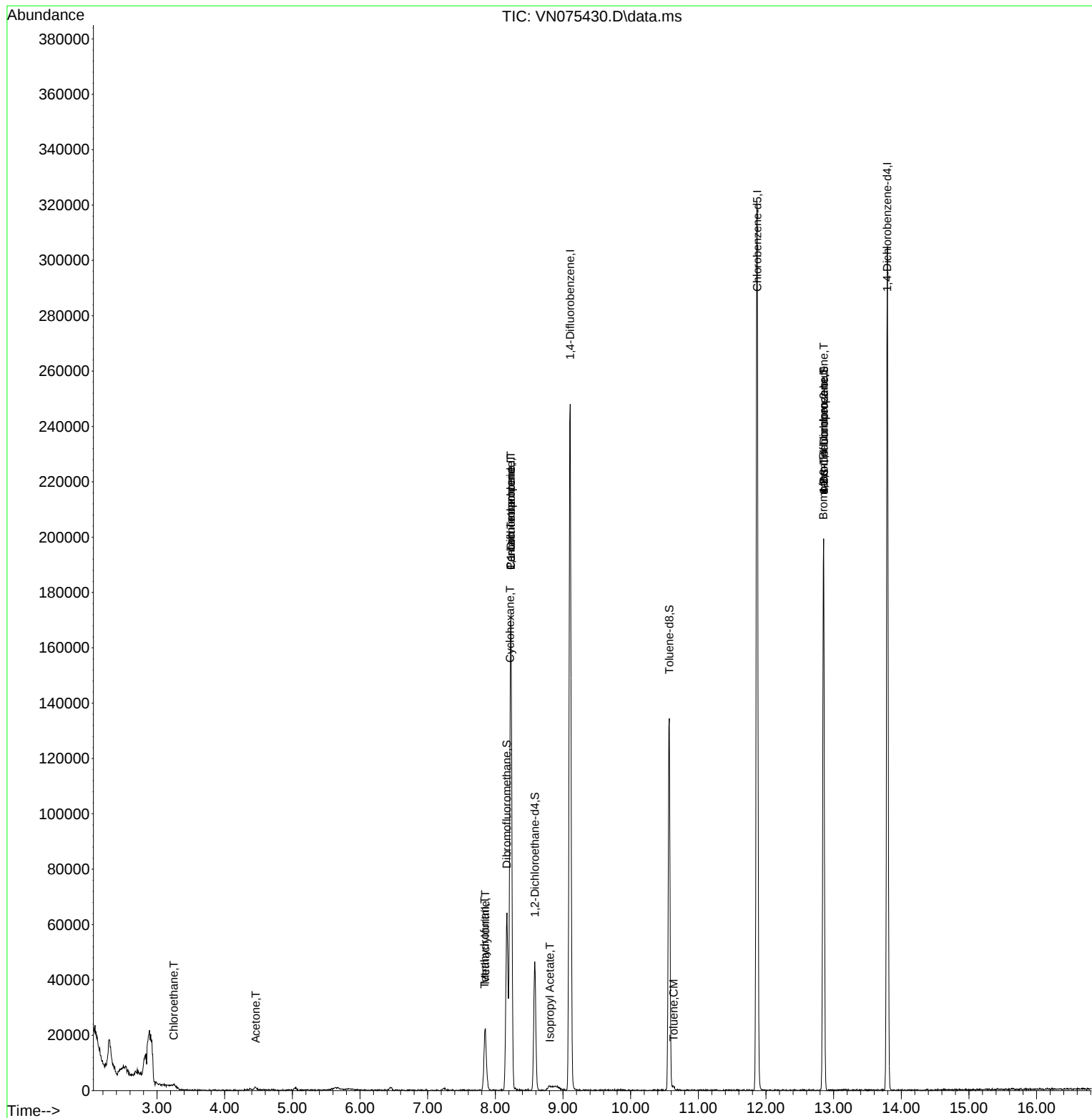
Internal Standards						
1) Pentafluorobenzene	8.230	168	133419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	202255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	37282	52.057	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.120%		
35) Dibromofluoromethane	8.171	113	45377	49.341	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.680%		
50) Toluene-d8	10.571	98	96829	46.747	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.500%		
62) 4-Bromofluorobenzene	12.853	95	69010	45.138	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.280%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.248	64	1667	1.375	ug/l #	45
16) Acetone	4.459	43	1985	2.971	ug/l #	43
18) Methyl Acetate	5.053	43	1575	Below Cal	#	62
29) Tetrahydrofuran	7.841	42	15909	28.044	ug/l	99
31) Cyclohexane	8.218	56	2456	1.079	ug/l #	60
36) 1,1-Dichloropropene	8.230	75	9478	4.726	ug/l #	51
38) Carbon Tetrachloride	8.230	117	13909	6.313	ug/l #	17
41) Methacrylonitrile	7.853	41	9551	10.345	ug/l #	40
43) Isopropyl Acetate	8.806	43	1408	0.486	ug/l #	53
52) Toluene	10.635	92	943	0.238	ug/l	93
71) Bromoform	12.847	173	428	0.361	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	34738	21.867	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	34738	64.699	ug/l #	10

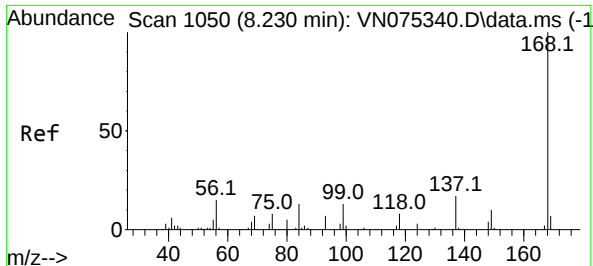
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
Data File : VN075430.D
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Sample : N5756-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

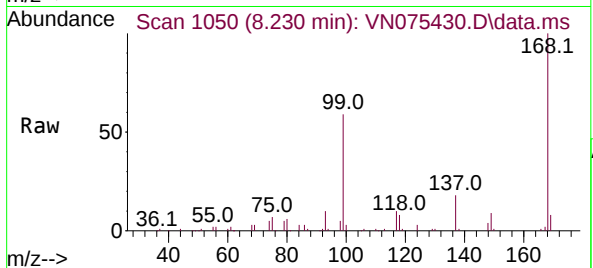
Quant Time: Nov 28 03:38:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration



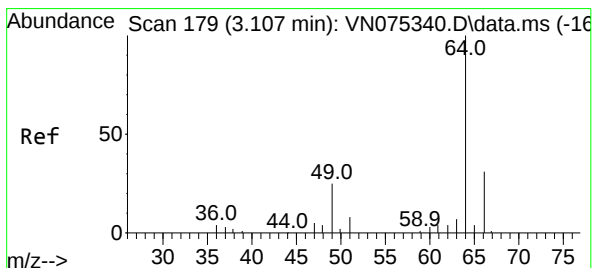
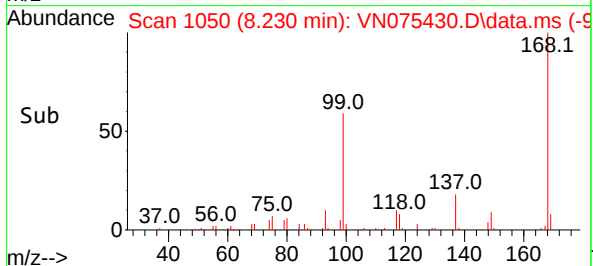
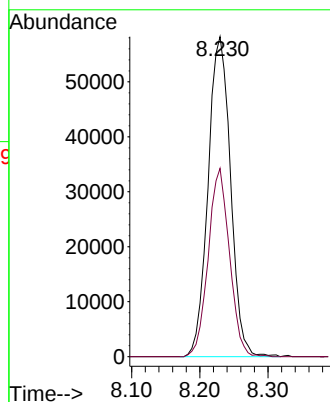


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Instrument :
MSVOA_N
ClientSampleId :

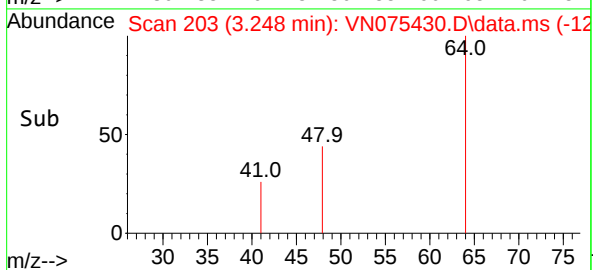
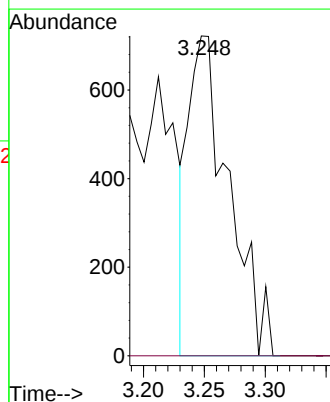
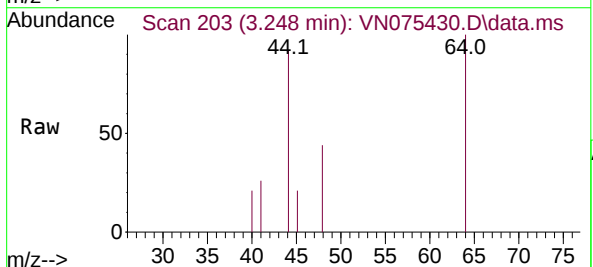


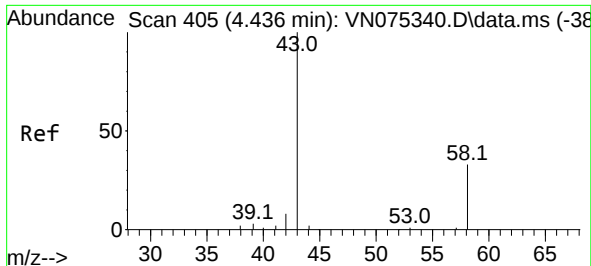
Tgt Ion:168 Resp: 133419
Ion Ratio Lower Upper
168 100
99 58.9 51.6 77.4



#6
Chloroethane
Concen: 1.375 ug/l
RT: 3.248 min Scan# 203
Delta R.T. 0.141 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 64 Resp: 1667
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

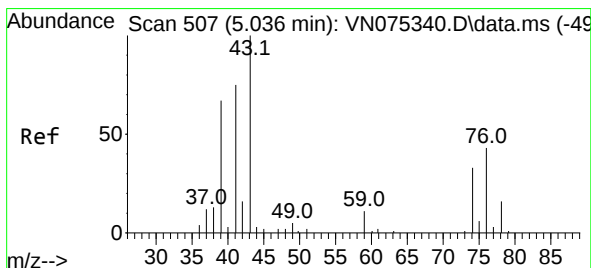
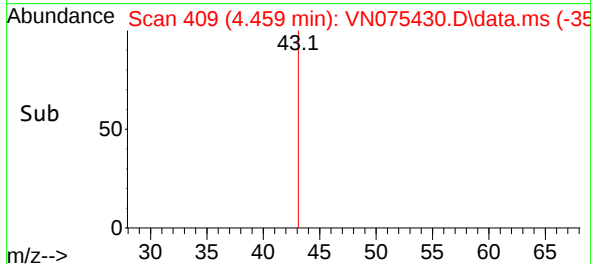
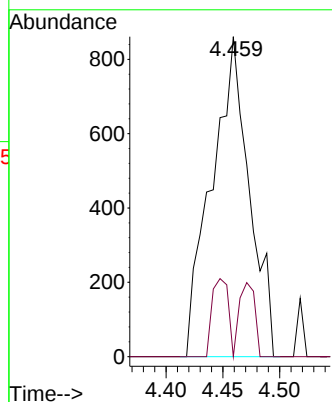
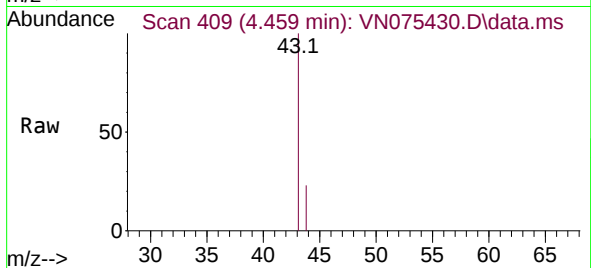




#16
Acetone
Concen: 2.971 ug/l
RT: 4.459 min Scan# 405
Delta R.T. 0.023 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

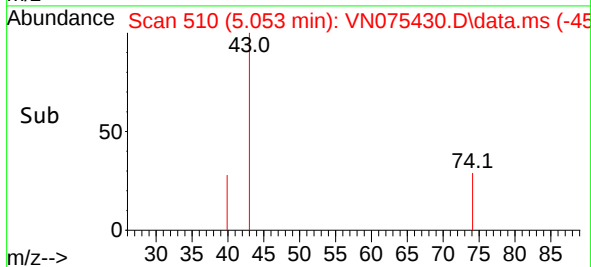
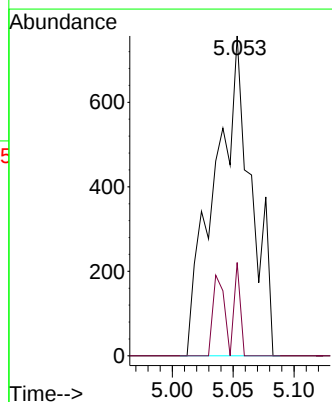
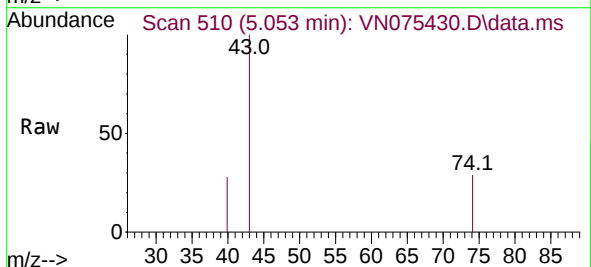
Instrument :
MSVOA_N
ClientSampleId :

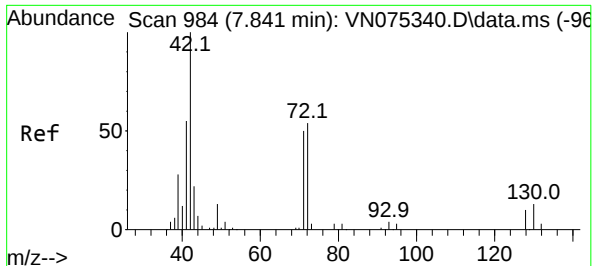
Tgt Ion: 43 Resp: 1985
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 510
Delta R.T. 0.017 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
74 7.7 22.0 33.0#





#29

Tetrahydrofuran

Concen: 28.044 ug/l

RT: 7.841 min Scan# 91

Delta R.T. 0.000 min

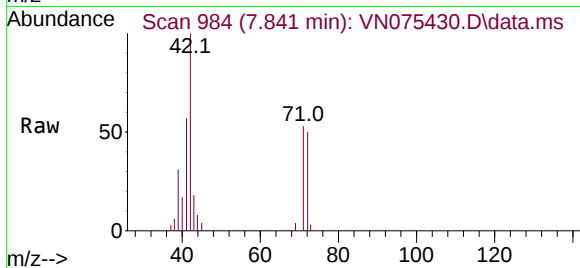
Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

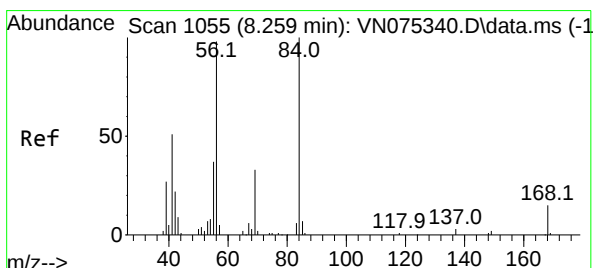
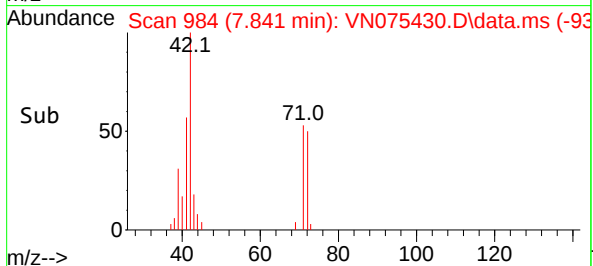
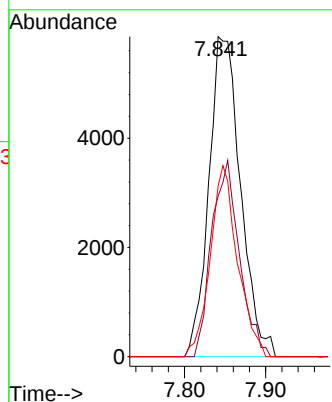
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	15909
Ion	Ratio	Lower	Upper
42	100		
72	53.8	43.0	64.6
71	51.4	39.9	59.9



#31

Cyclohexane

Concen: 1.079 ug/l

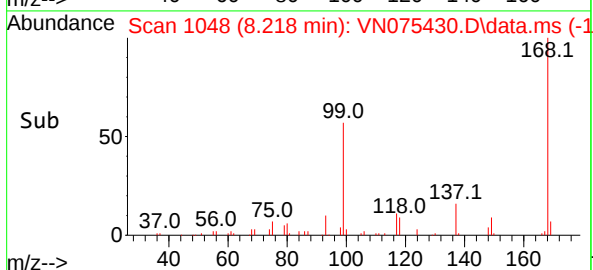
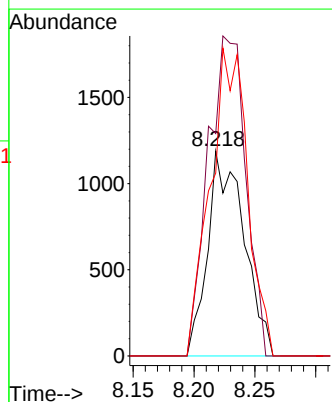
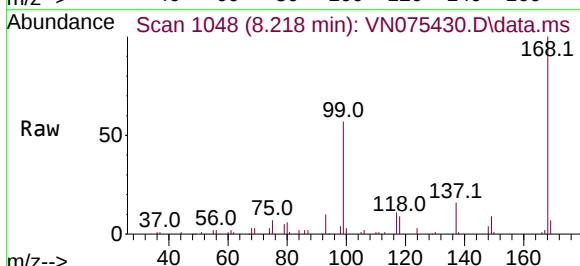
RT: 8.218 min Scan# 1048

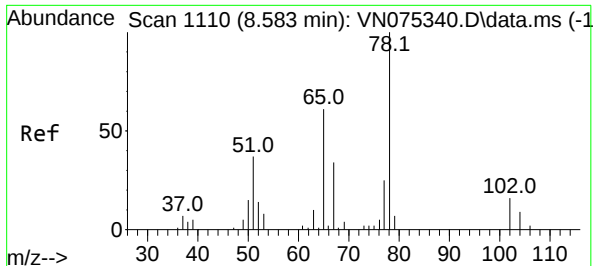
Delta R.T. -0.041 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Tgt Ion:	56	Resp:	2456
Ion	Ratio	Lower	Upper
56	100		
69	108.7	25.2	37.8
84	89.3	77.8	116.8





#33

1,2-Dichloroethane-d4

Concen: 52.057 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Instrument :

MSVOA_N

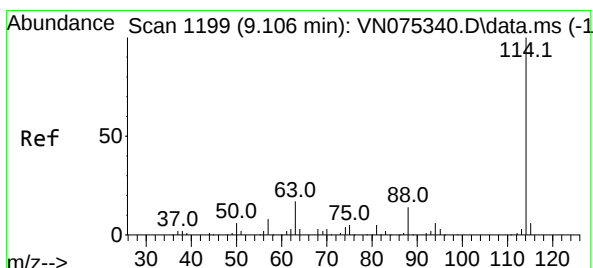
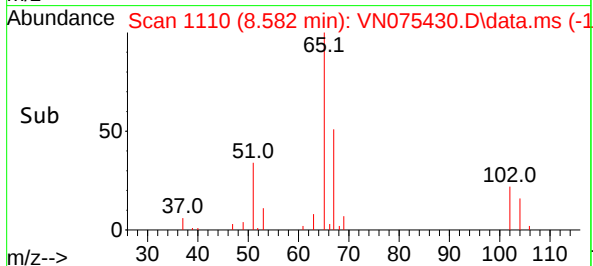
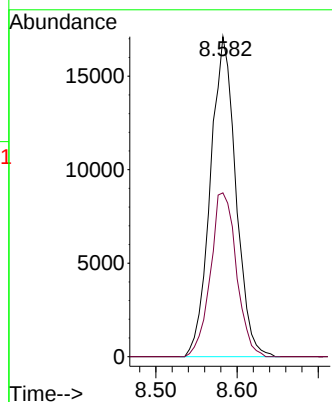
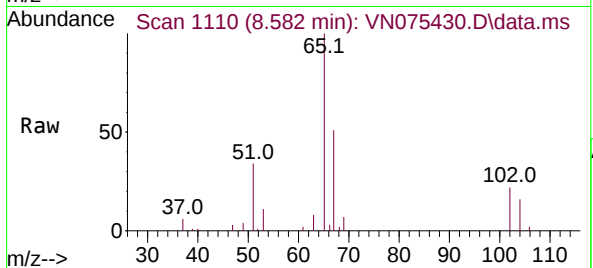
ClientSampleId :

Tgt Ion: 65 Resp: 37282

Ion Ratio Lower Upper

65 100

67 52.1 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: VN075430.D

Acq: 25 Nov 2022 18:54

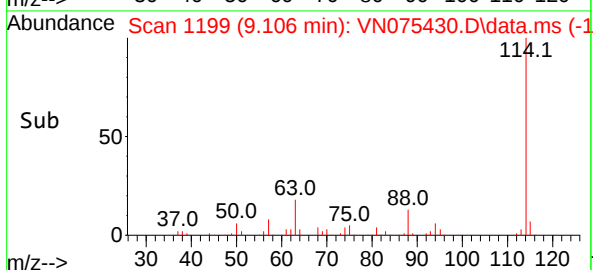
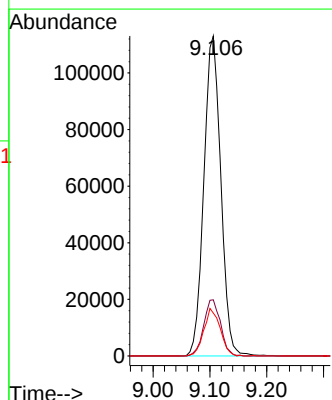
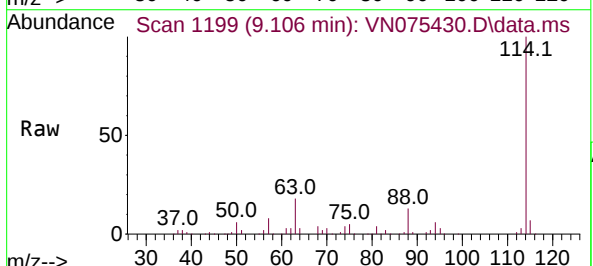
Tgt Ion: 114 Resp: 234112

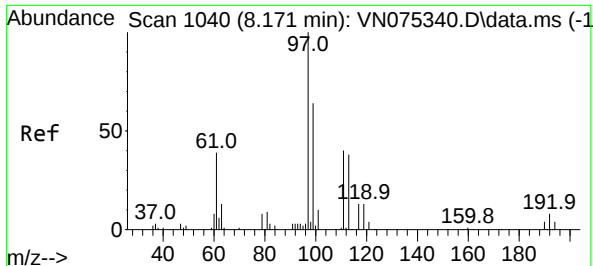
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 13.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.341 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

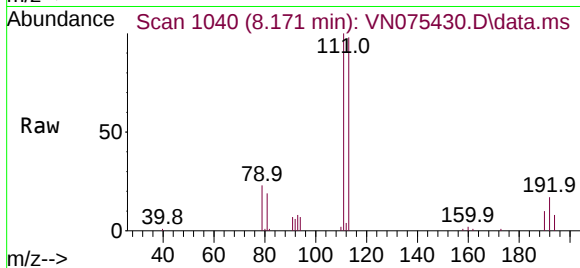
Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :



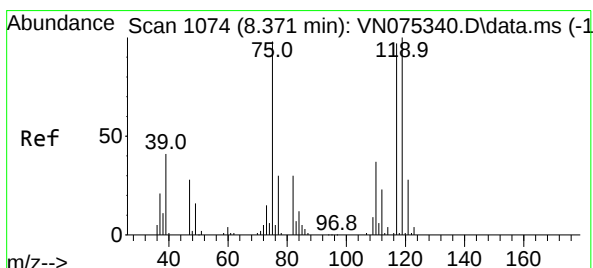
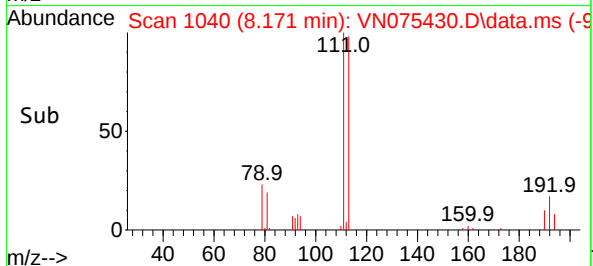
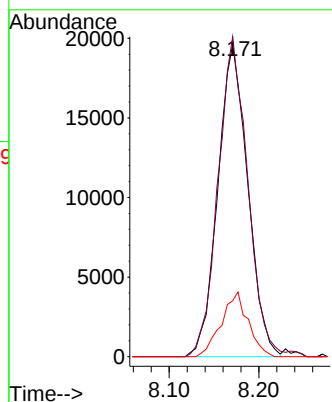
Tgt Ion:113 Resp: 45377

Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 18.5 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.726 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

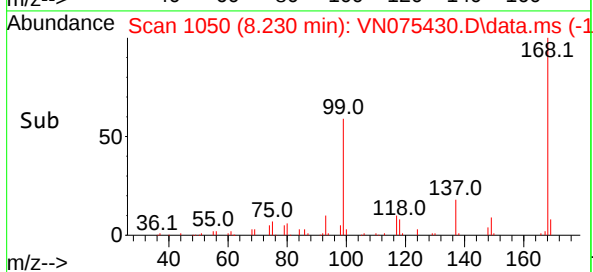
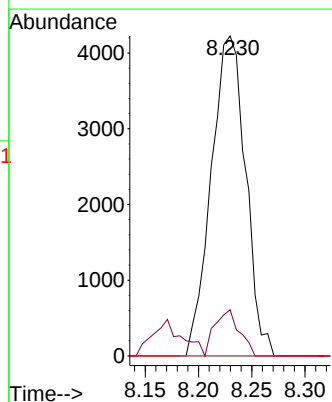
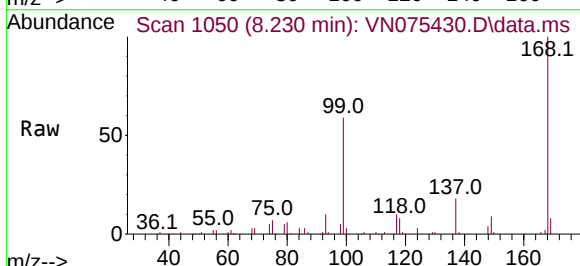
Tgt Ion: 75 Resp: 9478

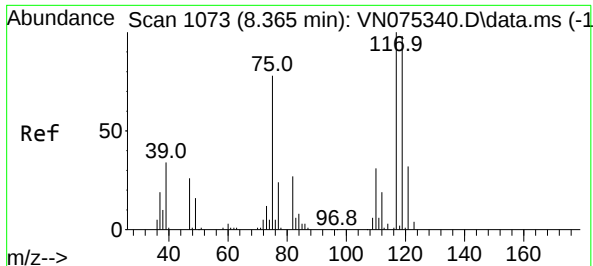
Ion Ratio Lower Upper

75 100

110 10.3 17.8 53.3#

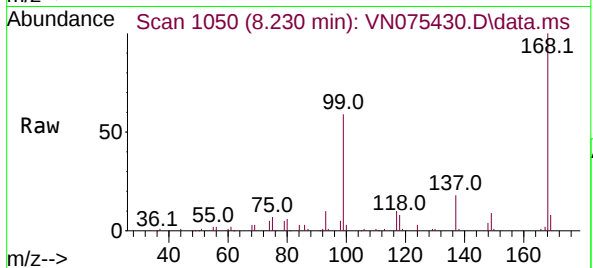
77 0.0 24.6 37.0#



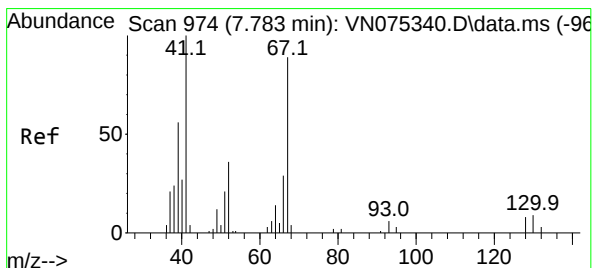
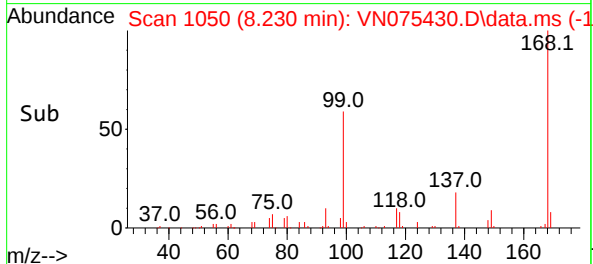
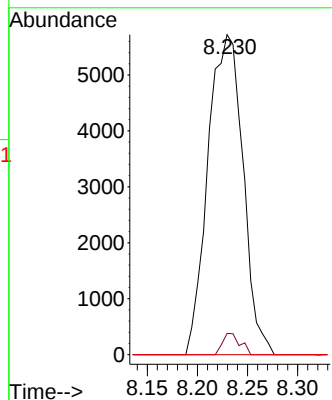


#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Instrument :
MSVOA_N
ClientSampleId :

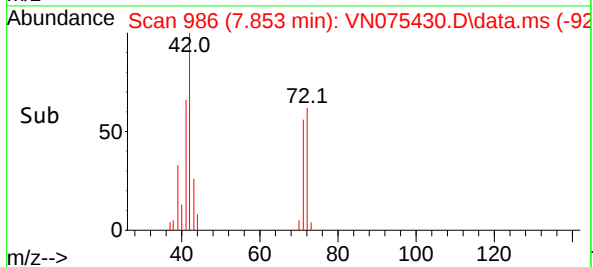
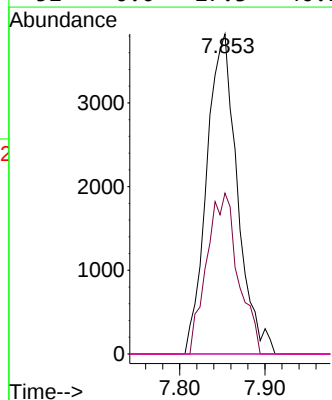
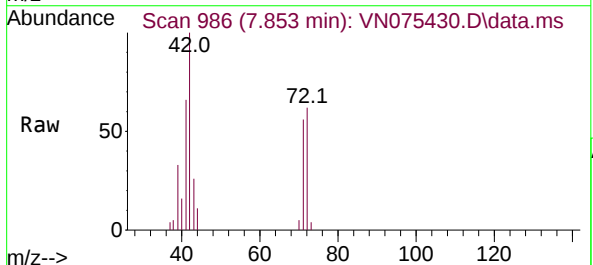


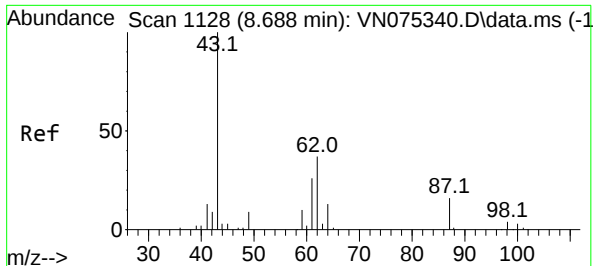
Tgt Ion:117 Resp: 13909
Ion Ratio Lower Upper
117 100
119 6.6 76.7 115.1#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 10.345 ug/l
RT: 7.853 min Scan# 986
Delta R.T. 0.070 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 41 Resp: 9551
Ion Ratio Lower Upper
41 100
39 51.5 44.4 66.6
67 0.0 69.8 104.6#
52 0.0 27.3 40.9#





#43

Isopropyl Acetate

Concen: 0.486 ug/l

RT: 8.806 min Scan# 1128

Delta R.T. 0.118 min

Lab File: VN075430.D

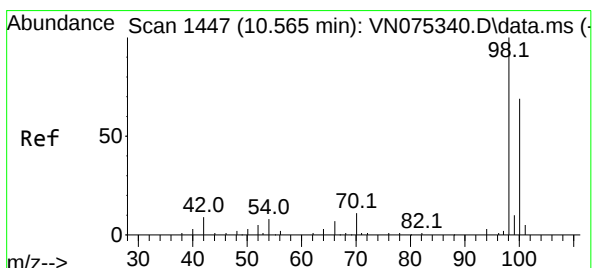
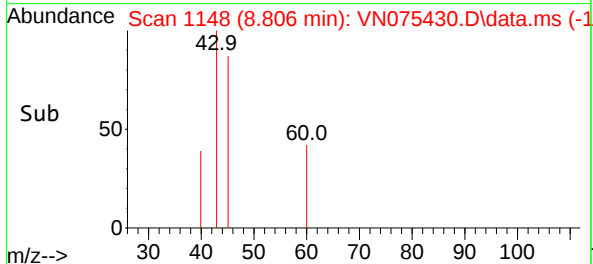
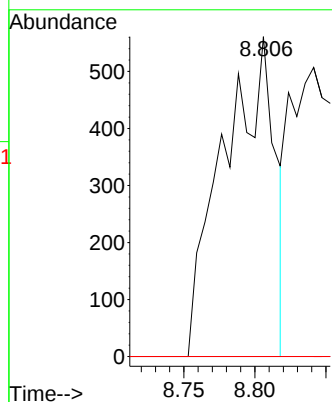
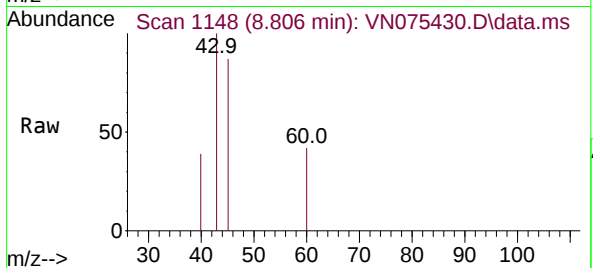
Acq: 25 Nov 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 1408
Ion Ratio	Lower Upper
43	100
61	0.0 22.4 33.6#
87	0.0 12.5 18.7#



#50

Toluene-d8

Concen: 46.747 ug/l

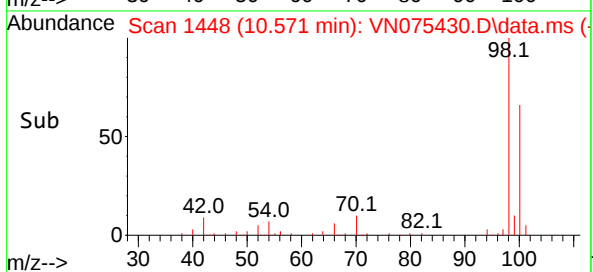
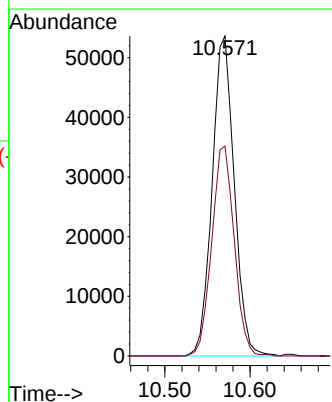
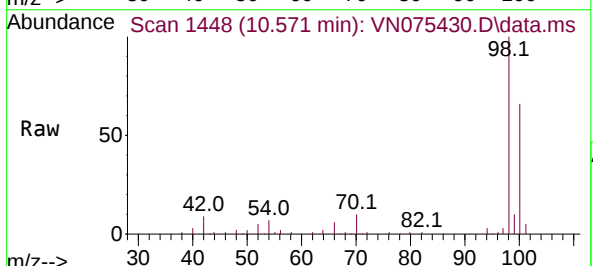
RT: 10.571 min Scan# 1448

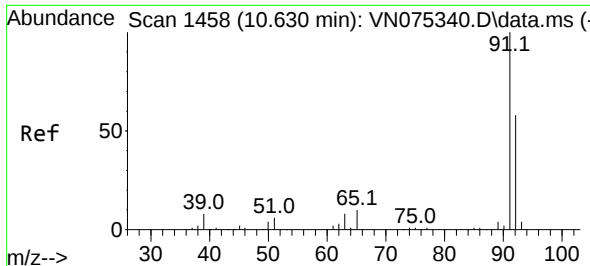
Delta R.T. 0.006 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Tgt Ion: 98	Resp: 96829
Ion Ratio	Lower Upper
98	100
100	66.7 53.0 79.6

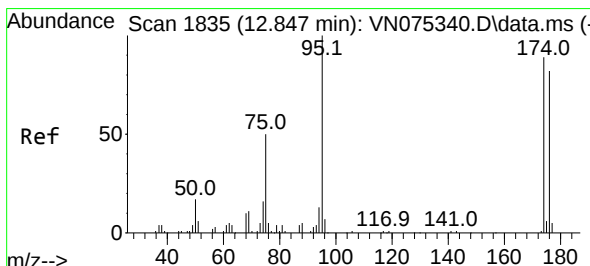
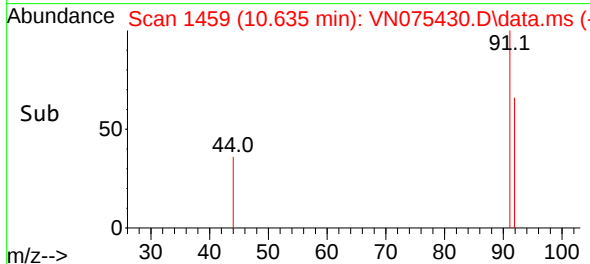
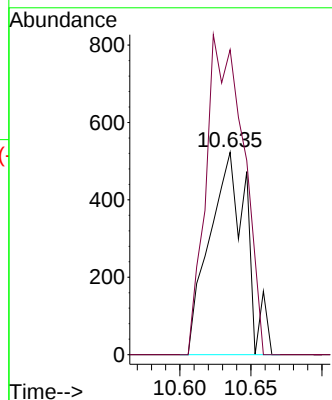
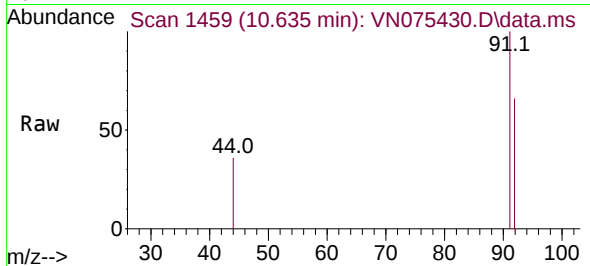




#52
Toluene
Concen: 0.238 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

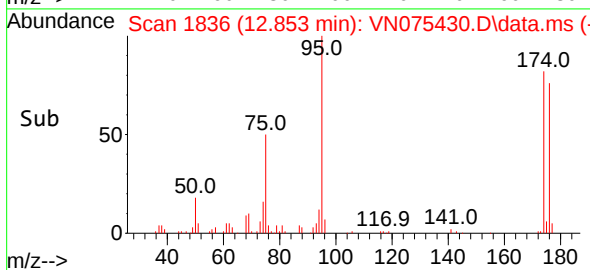
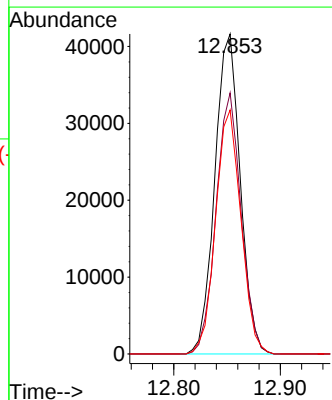
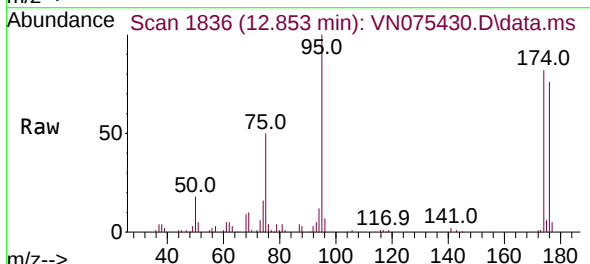
Instrument :
MSVOA_N
ClientSampleId :

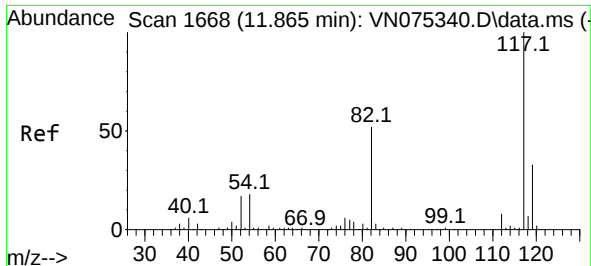
Tgt Ion: 92 Resp: 943
Ion Ratio Lower Upper
92 100
91 160.2 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 95 Resp: 69010
Ion Ratio Lower Upper
95 100
174 80.4 0.0 147.4
176 76.1 0.0 142.2

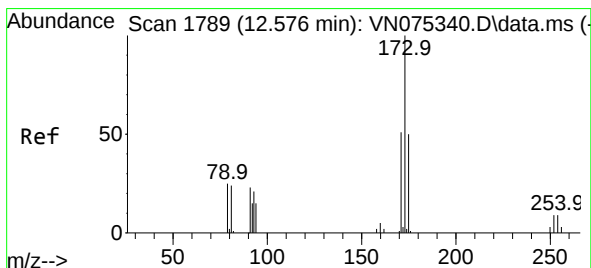
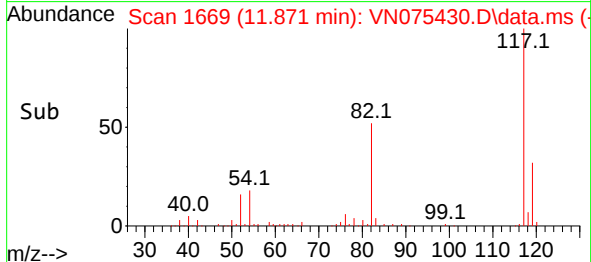
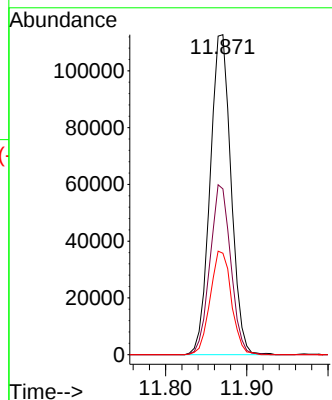
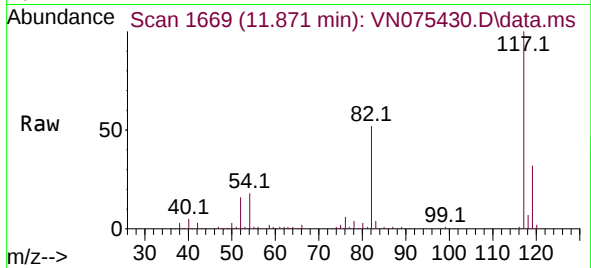




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

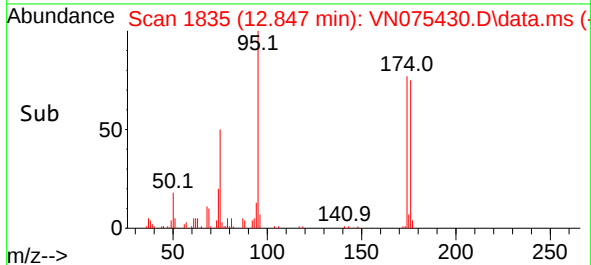
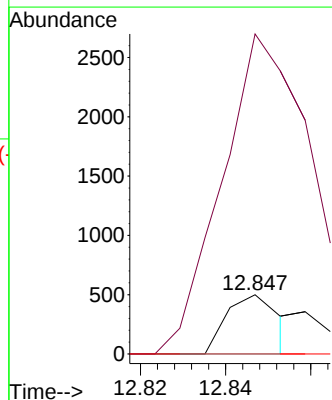
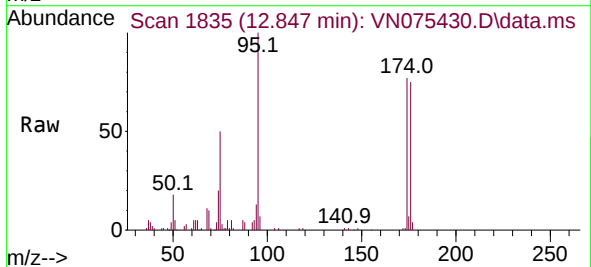
Instrument :
MSVOA_N
ClientSampleId :

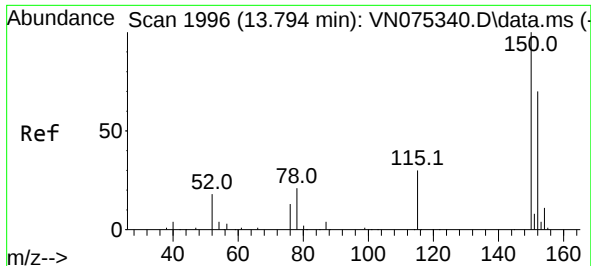
Tgt Ion:117 Resp: 202255
Ion Ratio Lower Upper
117 100
82 51.8 43.1 64.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.361 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion:173 Resp: 428
Ion Ratio Lower Upper
173 100
175 657.0 24.6 74.0#
254 0.0 0.0 0.0

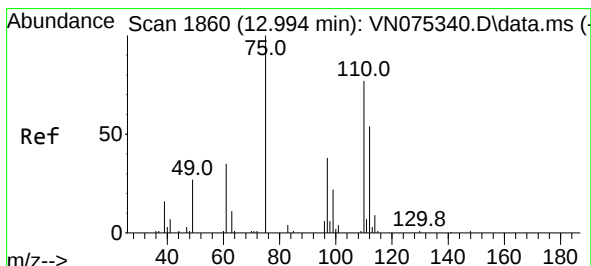
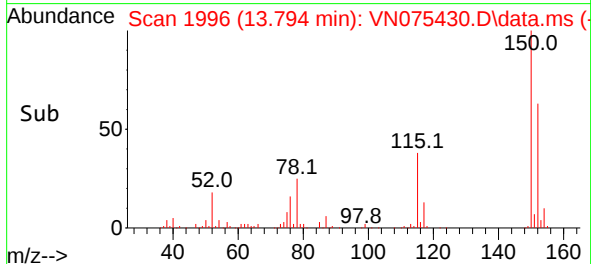
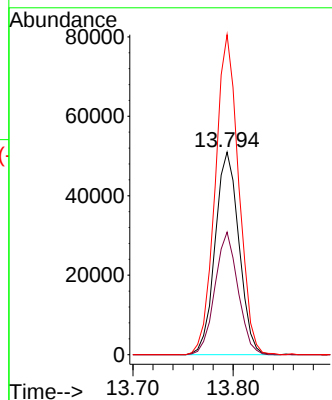
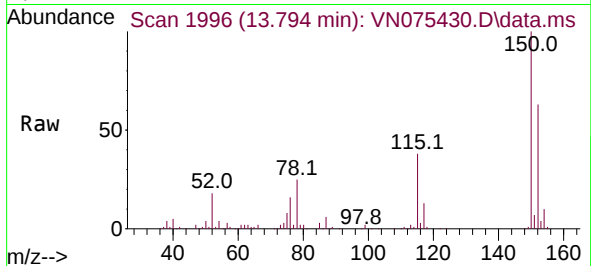




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075430.D
 Acq: 25 Nov 2022 18:54

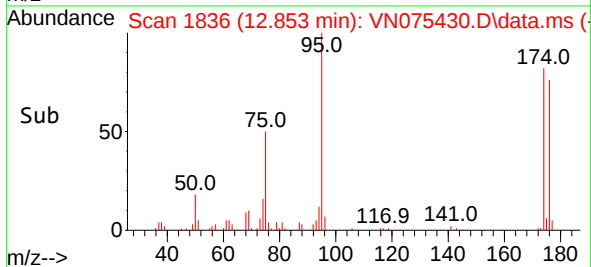
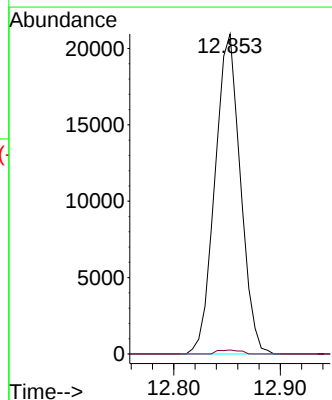
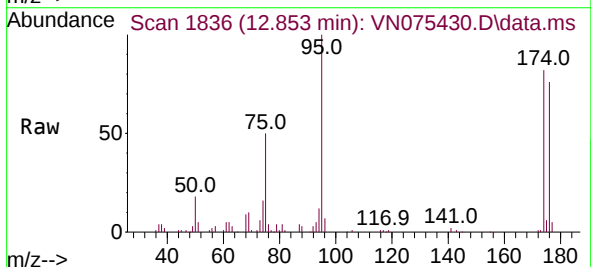
Instrument :
 MSVOA_N
 ClientSampleId :

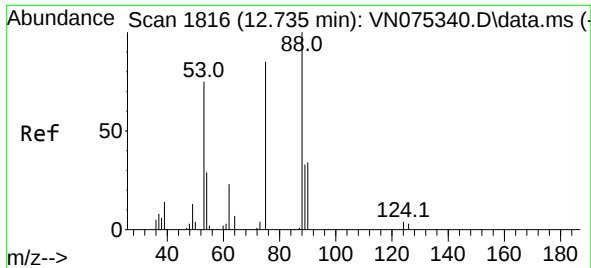
Tgt Ion:152 Resp: 84021
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.2 90.6
 150 155.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 21.867 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075430.D
 Acq: 25 Nov 2022 18:54

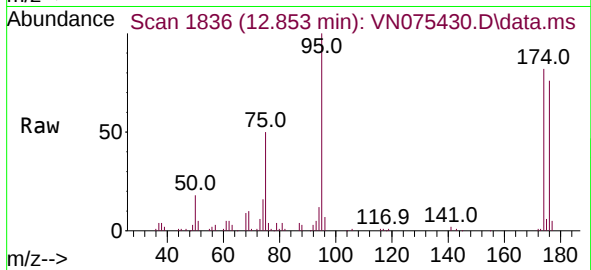
Tgt Ion: 75 Resp: 34738
 Ion Ratio Lower Upper
 75 100
 77 1.1 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.699 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075430.D
 Acq: 25 Nov 2022 18:54

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 34738
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

