

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075469.D
 Acq On : 29 Nov 2022 12:28
 Operator : JC\MD
 Sample : N5800-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-PT-OUT01-11282022

Quant Time: Nov 30 02:26:26 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)

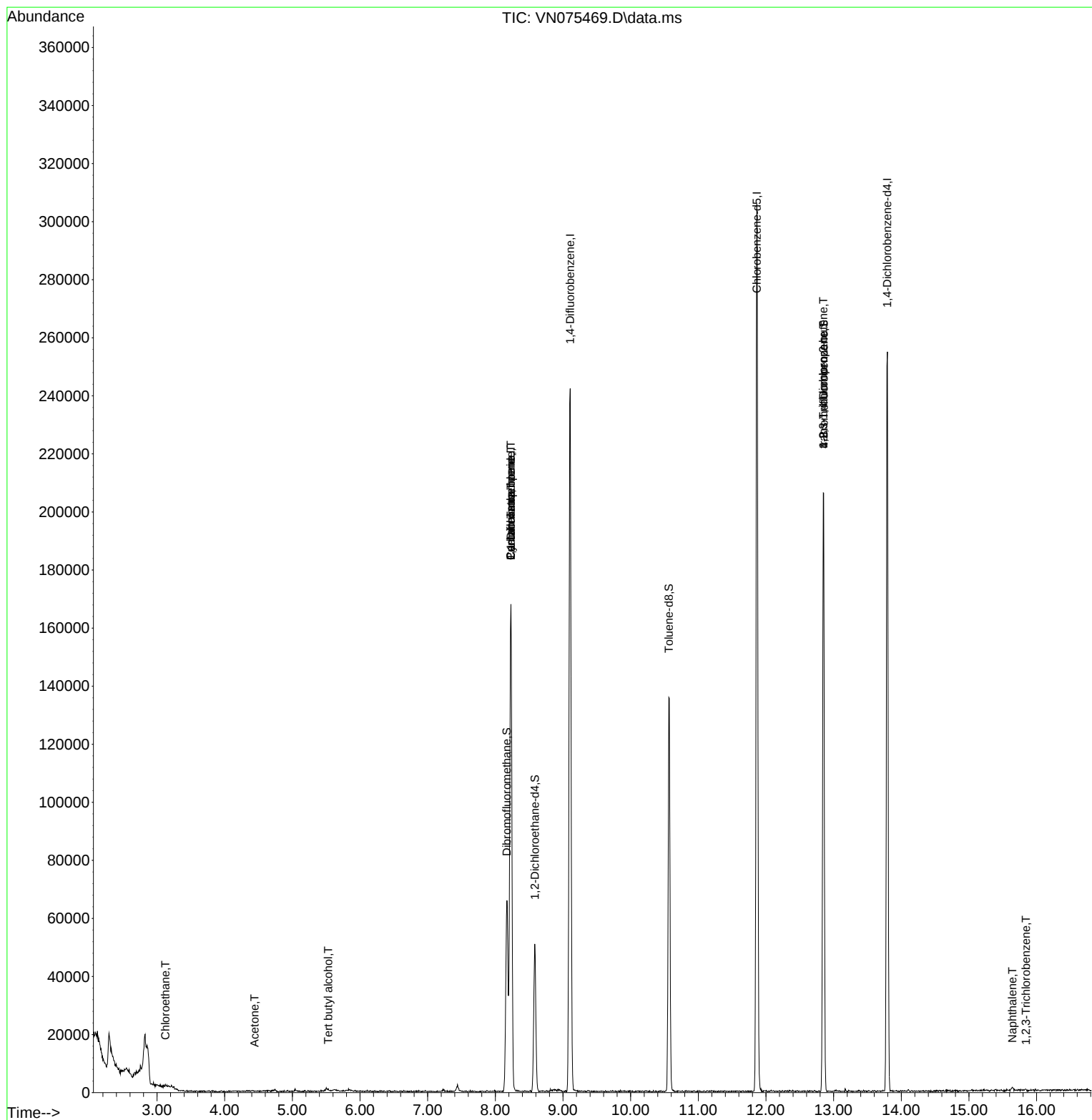
Internal Standards						
1) Pentafluorobenzene	8.230	168	129712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	228891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	190851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	40667	58.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.820%			
35) Dibromofluoromethane	8.171	113	48734	54.200	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.400%			
50) Toluene-d8	10.565	98	99003	48.887	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.853	95	71249	47.665	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.340%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.124	64	313	0.266	ug/l #	45
11) Tert butyl alcohol	5.530	59	75	0.257	ug/l #	72
16) Acetone	4.442	43	216	0.333	ug/l #	43
18) Methyl Acetate	5.042	43	697	Below Cal	#	68
20) Methylene Chloride	5.295	84	70	Below Cal	#	7
31) Cyclohexane	8.230	56	2577	1.165	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	9734	4.964	ug/l #	52
38) Carbon Tetrachloride	8.230	117	12831	5.957	ug/l #	16
76) 1,2,3-Trichloropropane	12.847	75	36272	26.294	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	36272	77.798	ug/l #	10
95) Naphthalene	15.641	128	2007	0.512	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.841	180	329	0.269	ug/l #	68

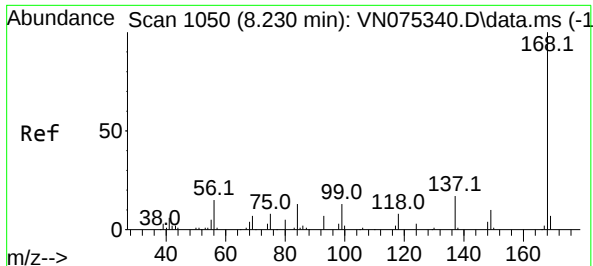
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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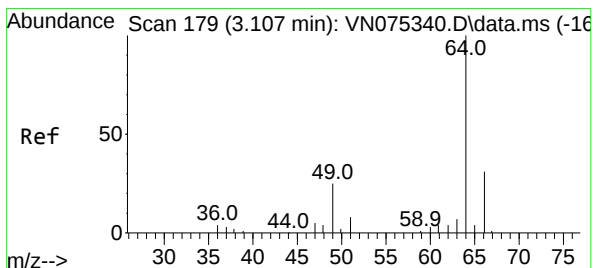
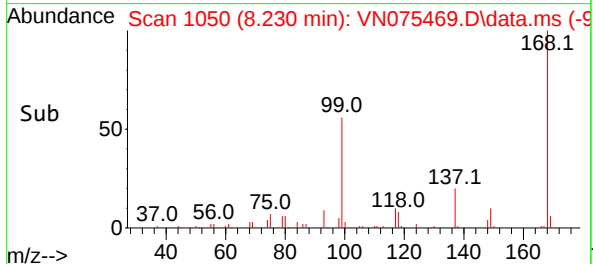
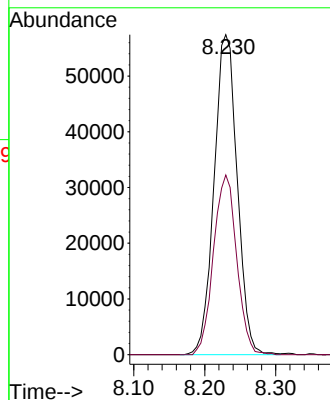
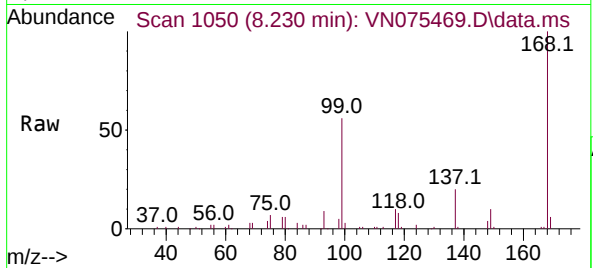




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

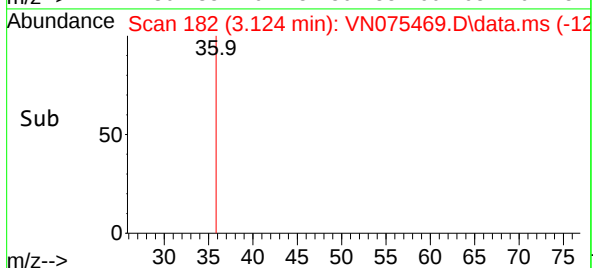
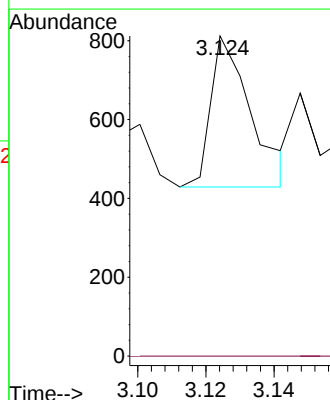
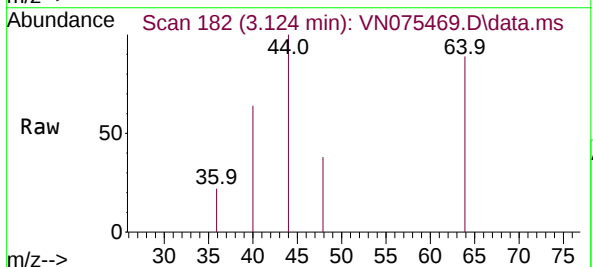
Instrument :
MSVOA_N
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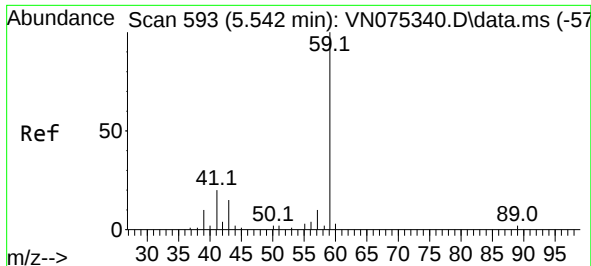
Tgt Ion:168 Resp: 129712
Ion Ratio Lower Upper
168 100
99 56.1 51.6 77.4



#6
Chloroethane
Concen: 0.266 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.017 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion: 64 Resp: 313
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

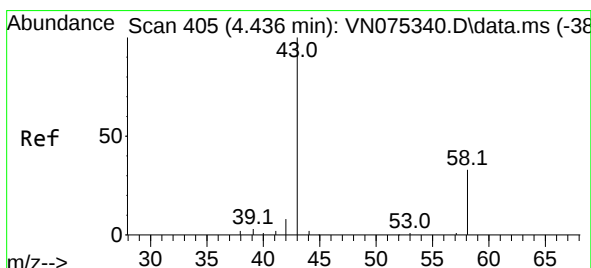
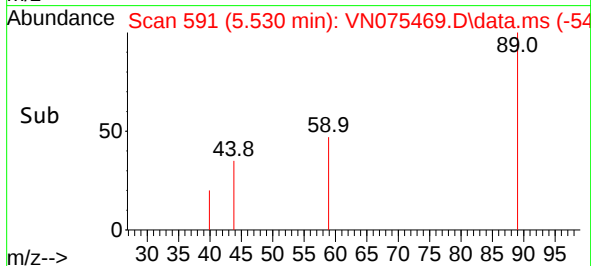
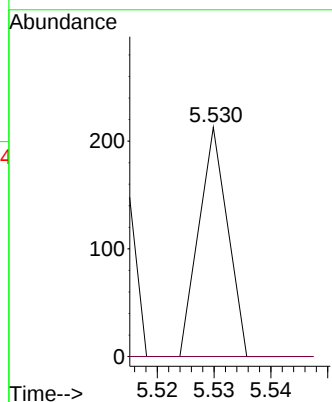
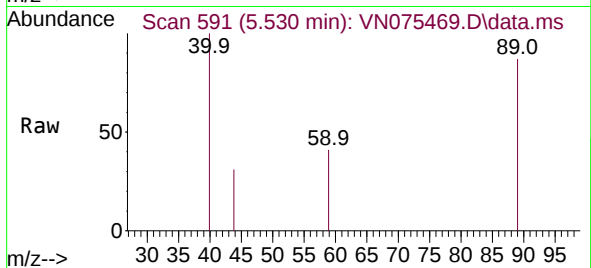




#11
Tert butyl alcohol
Concen: 0.257 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

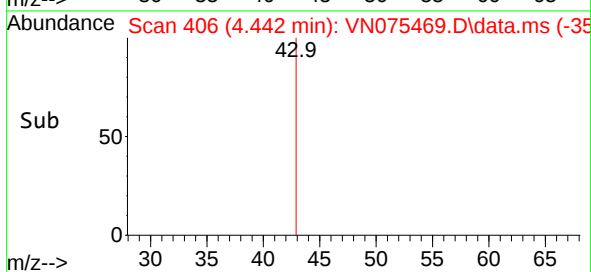
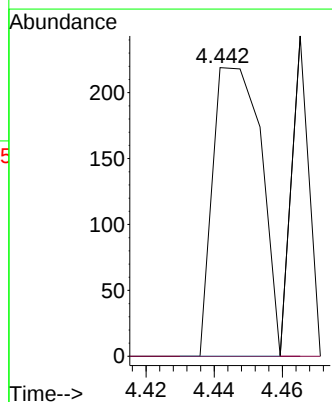
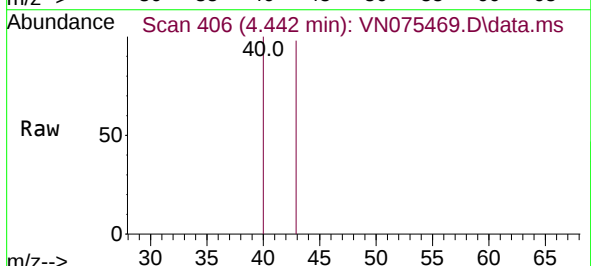
Instrument :
MSVOA_N
ClientSampleId :
RW9-PT-OUT01-11282022

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 0.333 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

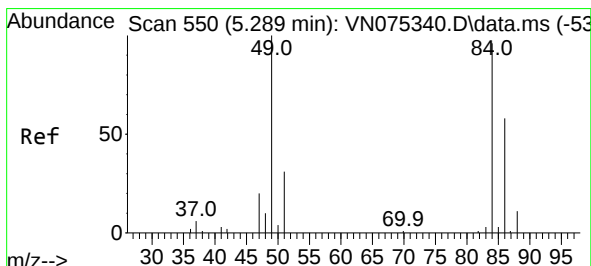
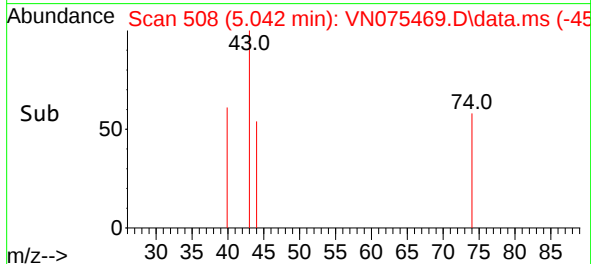
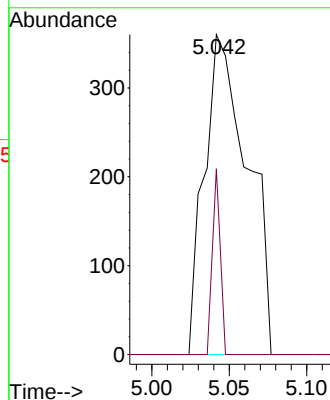
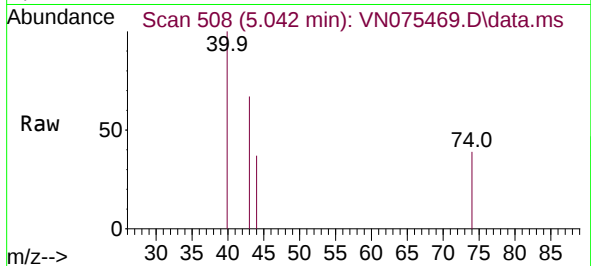




#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

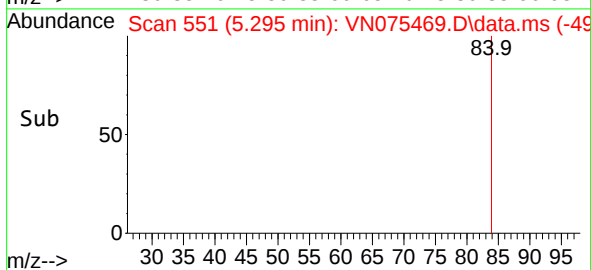
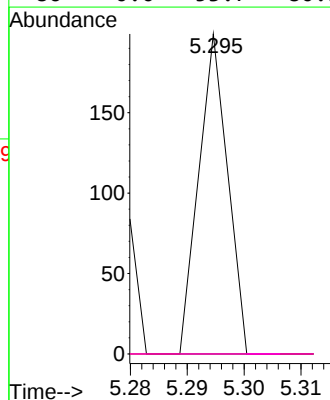
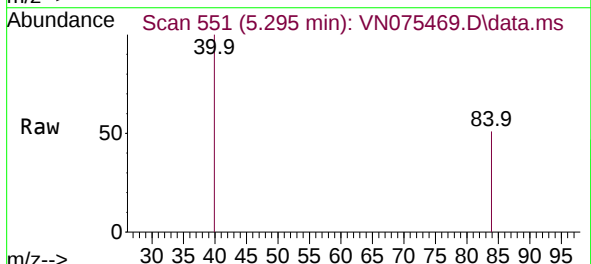
Instrument :
MSVOA_N
ClientSampleId :
RW9-PT-OUT01-11282022

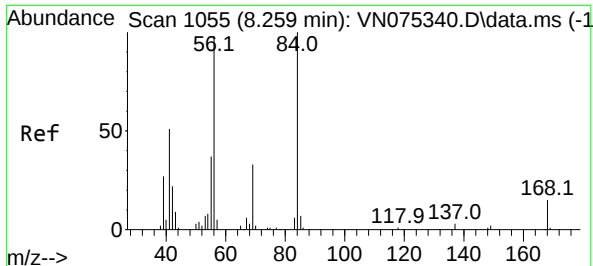
Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
74 10.6 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion: 84 Resp: 70
Ion Ratio Lower Upper
84 100
49 0.0 94.9 142.3#
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#





#31

Cyclohexane

Concen: 1.165 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

Lab File: VN075469.D

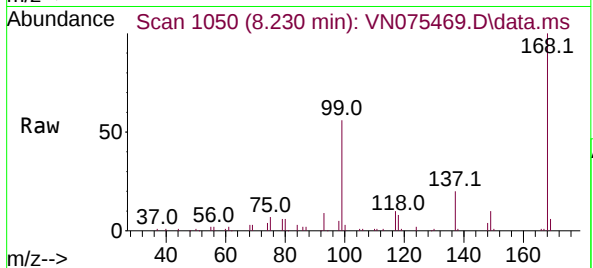
Acq: 29 Nov 2022 12:28

Instrument :

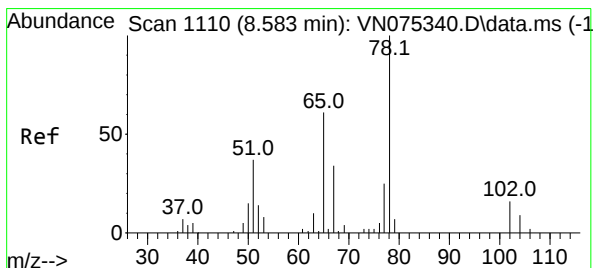
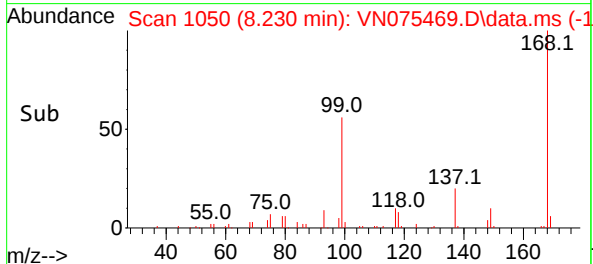
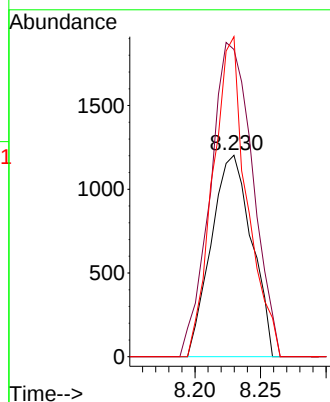
MSVOA_N

ClientSampleId :

RW9-PT-OUT01-11282022



Tgt Ion:	56	Resp:	2577
Ion Ratio	Lower	Upper	
56	100		
69	152.5	25.2	37.8#
84	158.9	77.8	116.8#



#33

1,2-Dichloroethane-d4

Concen: 58.406 ug/l

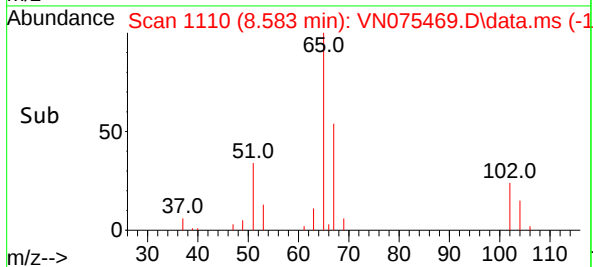
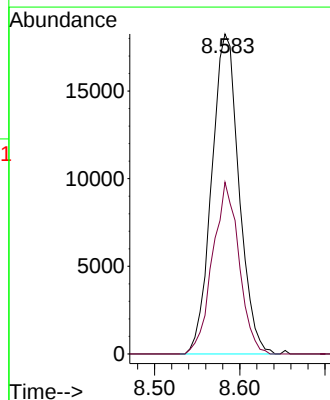
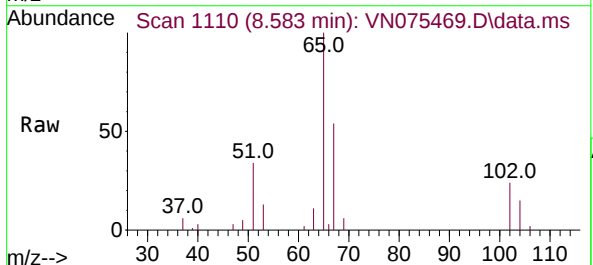
RT: 8.583 min Scan# 1110

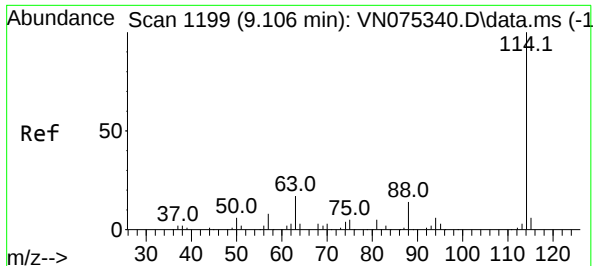
Delta R.T. -0.000 min

Lab File: VN075469.D

Acq: 29 Nov 2022 12:28

Tgt Ion:	65	Resp:	40667
Ion Ratio	Lower	Upper	
65	100		
67	51.8	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: VN075469.D

Acq: 29 Nov 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

RW9-PT-OUT01-11282022

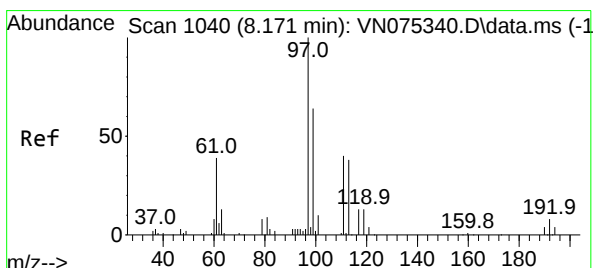
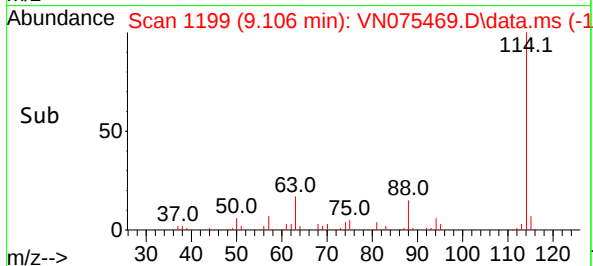
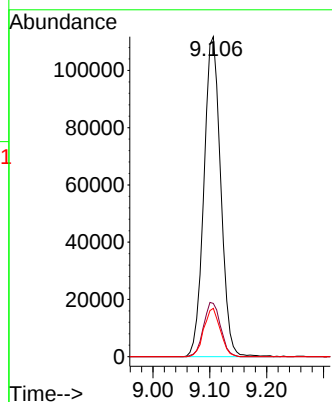
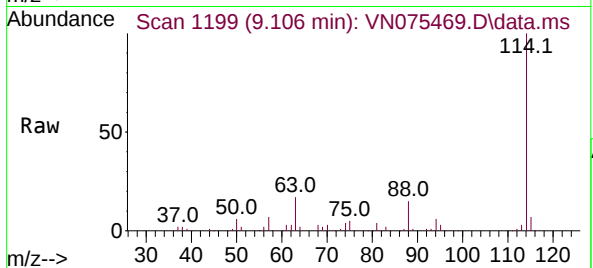
Tgt Ion:114 Resp: 228891

Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.200 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075469.D

Acq: 29 Nov 2022 12:28

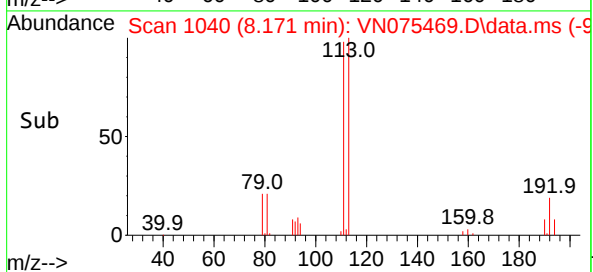
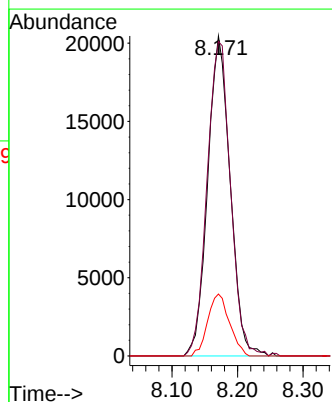
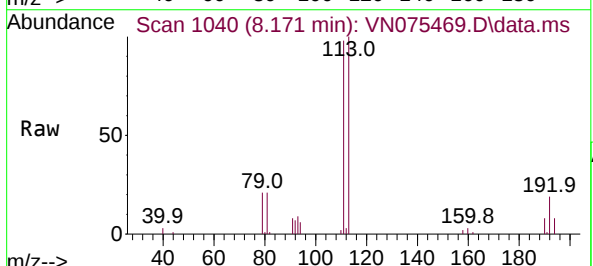
Tgt Ion:113 Resp: 48734

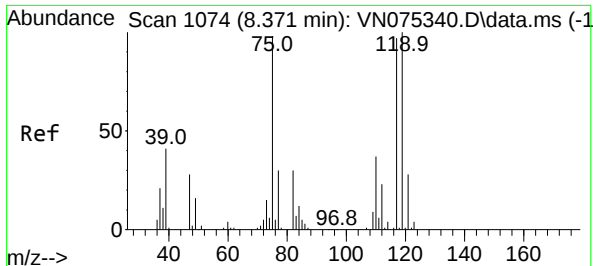
Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

192 18.7 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.964 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075469.D

Acq: 29 Nov 2022 12:28

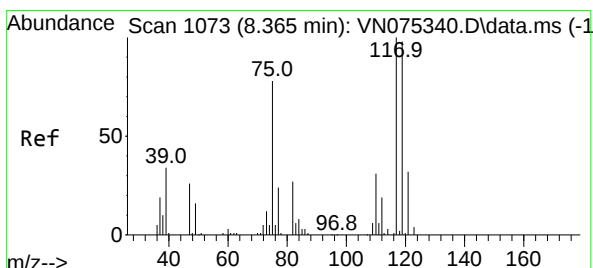
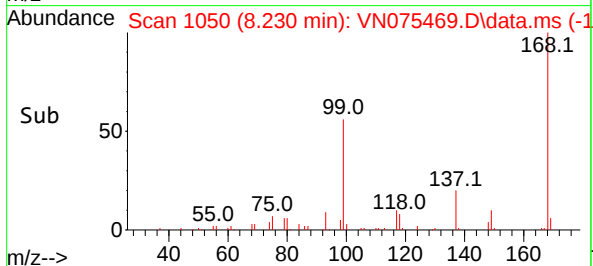
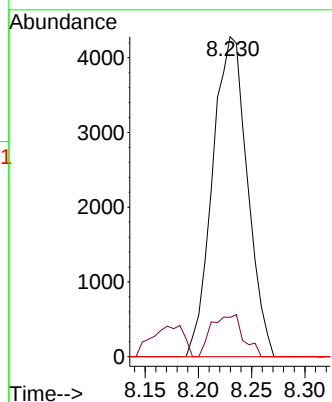
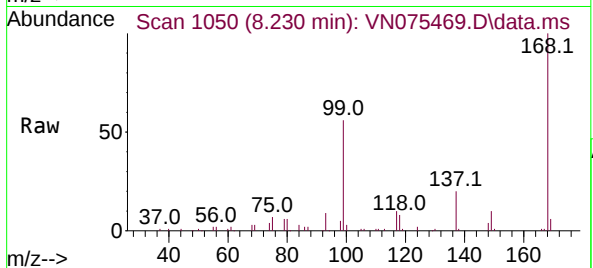
Instrument :

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Tgt Ion:	75	Resp:	9734
Ion	Ratio	Lower	Upper
75	100		
110	11.9	17.8	53.3#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.957 ug/l

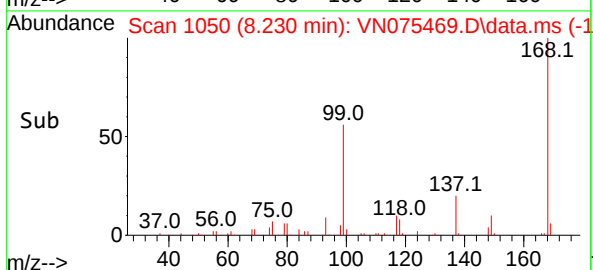
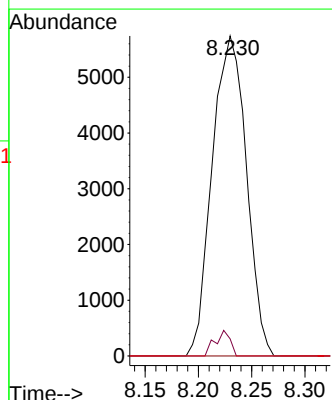
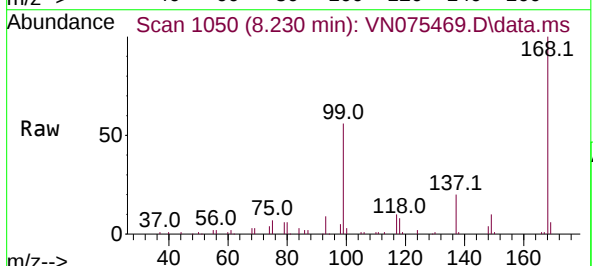
RT: 8.230 min Scan# 1050

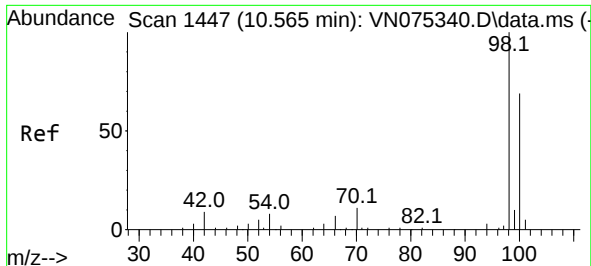
Delta R.T. -0.135 min

Lab File: VN075469.D

Acq: 29 Nov 2022 12:28

Tgt Ion:	117	Resp:	12831
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.7	115.1#
121	0.0	23.9	35.9#

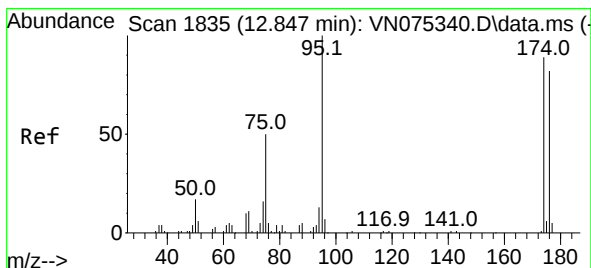
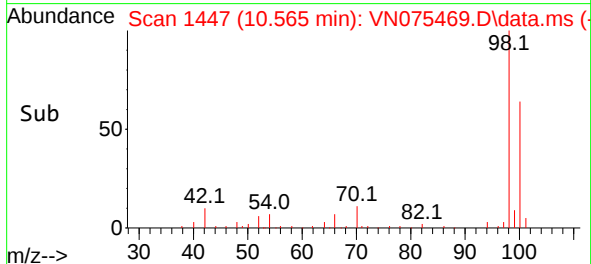
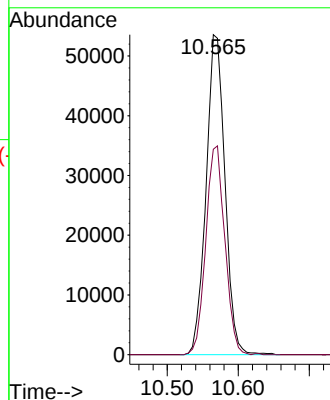
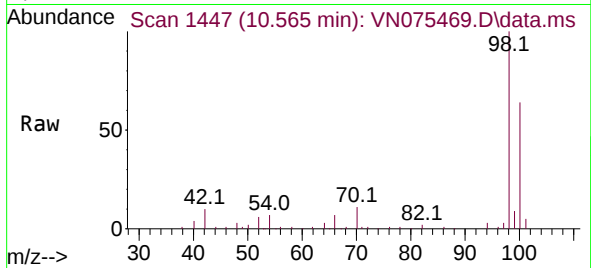




#50
Toluene-d8
Concen: 48.887 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

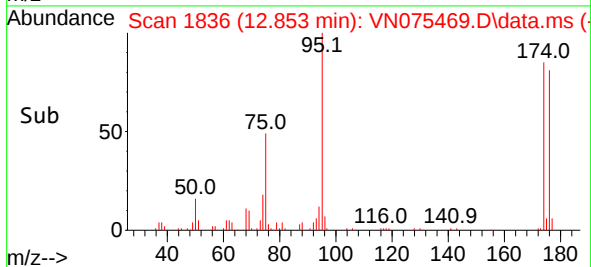
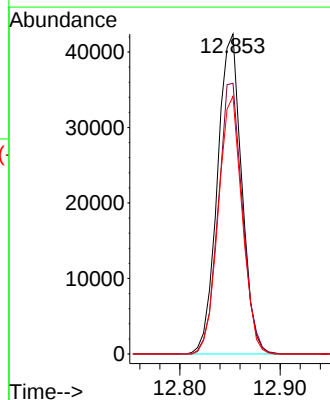
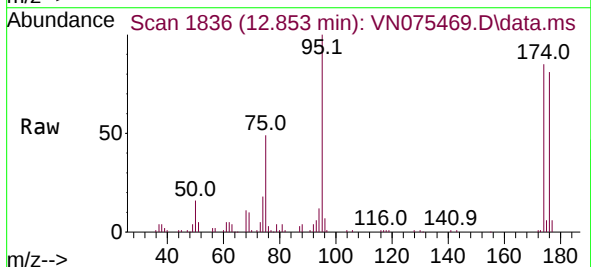
Instrument :
MSVOA_N
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RW9-PT-OUT01-11282022

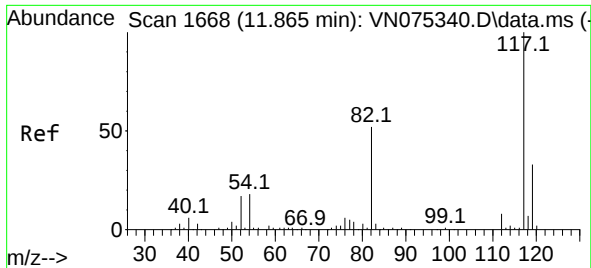
Tgt Ion: 98 Resp: 99003
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.665 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion: 95 Resp: 71249
Ion Ratio Lower Upper
95 100
174 84.4 0.0 147.4
176 79.2 0.0 142.2

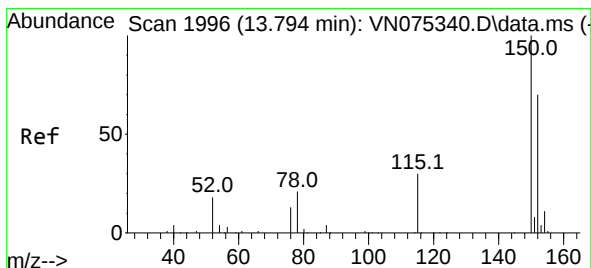
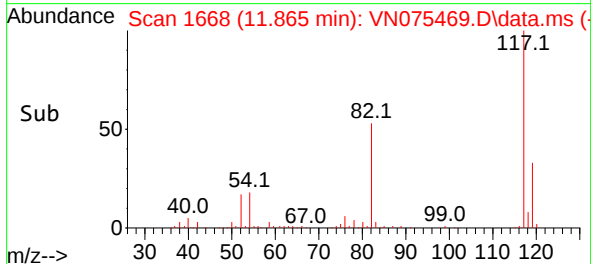
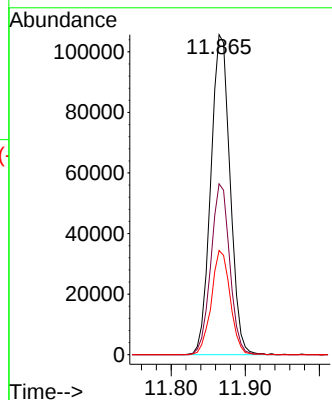
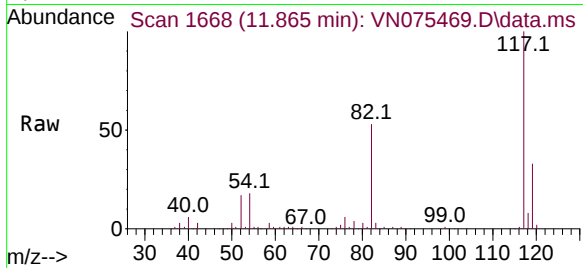




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

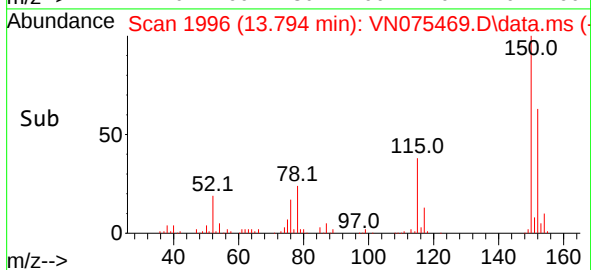
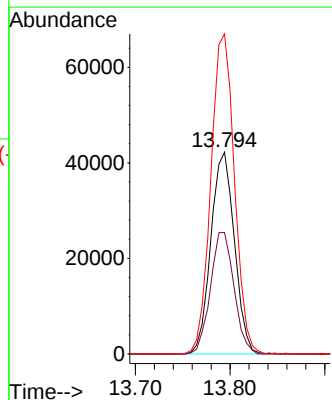
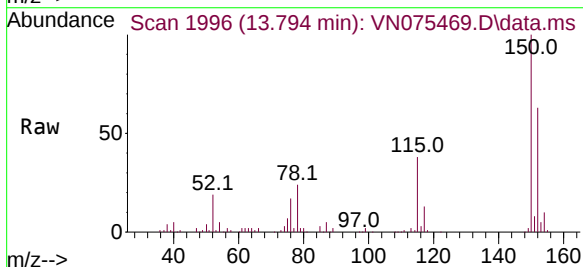
Instrument :
MSVOA_N
ClientSampleId :
RW9-PT-OUT01-11282022

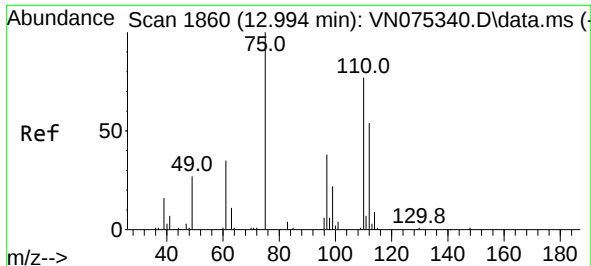
Tgt Ion:117 Resp: 190851
Ion Ratio Lower Upper
117 100
82 53.4 43.1 64.7
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion:152 Resp: 72960
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 158.8 0.0 348.4

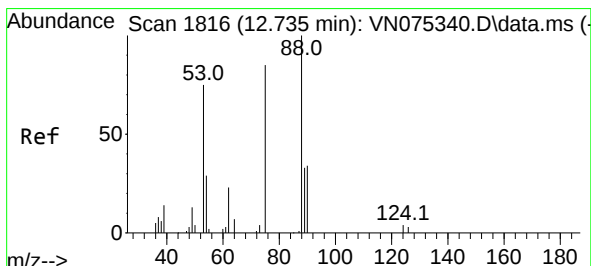
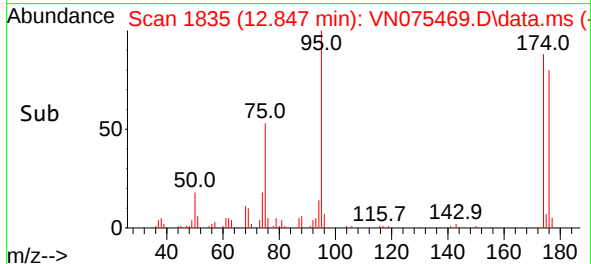
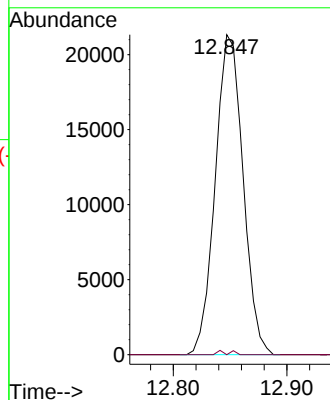
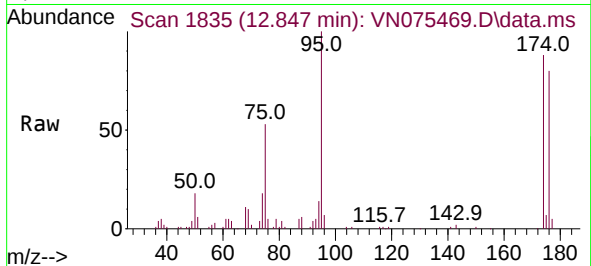




#76
1,2,3-Trichloropropane
Concen: 26.294 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

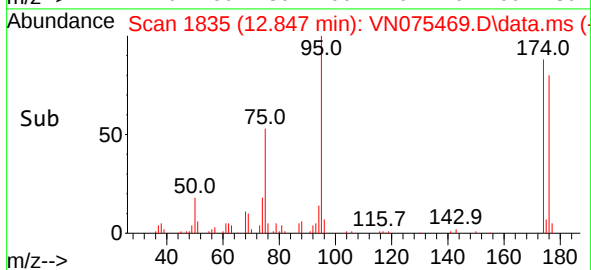
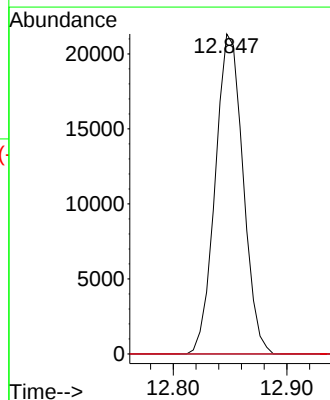
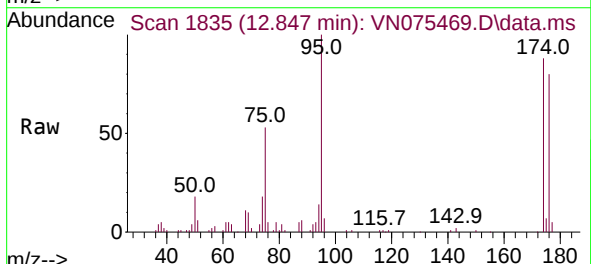
Instrument : MSVOA_N
ClientSampleId : RW9-PT-OUT01-11282022

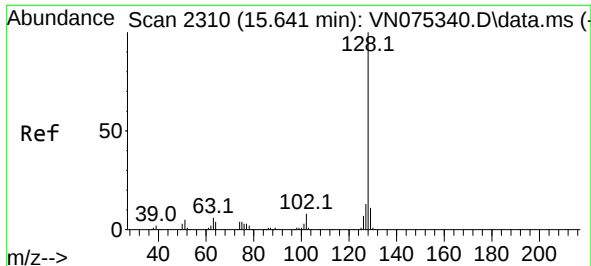
Tgt Ion: 75 Resp: 36272
Ion Ratio Lower Upper
75 100
77 0.5 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.798 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion: 75 Resp: 36272
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

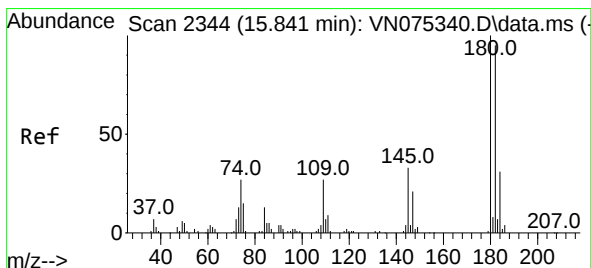
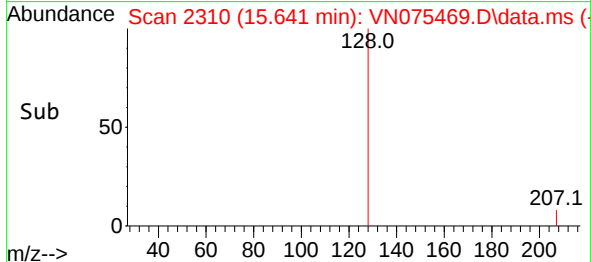
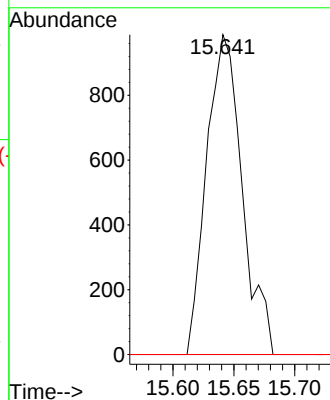
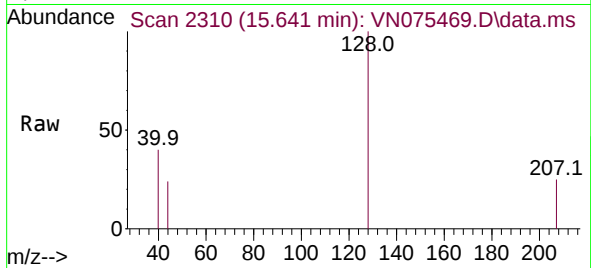




#95
Naphthalene
Concen: 0.512 ug/l
RT: 15.641 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Instrument :
MSVOA_N
ClientSampleId :
RW9-PT-OUT01-11282022

Tgt Ion:	128	Resp:	2007
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.269 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion:	180	Resp:	329
Ion	Ratio	Lower	Upper
180	100		
182	73.9	47.3	141.8
145	0.0	17.6	52.9#

