

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075468.D
 Acq On : 29 Nov 2022 12:04
 Operator : JC\MD
 Sample : N5800-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-PT-IN01-11282022

Quant Time: Nov 30 02:26:11 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)

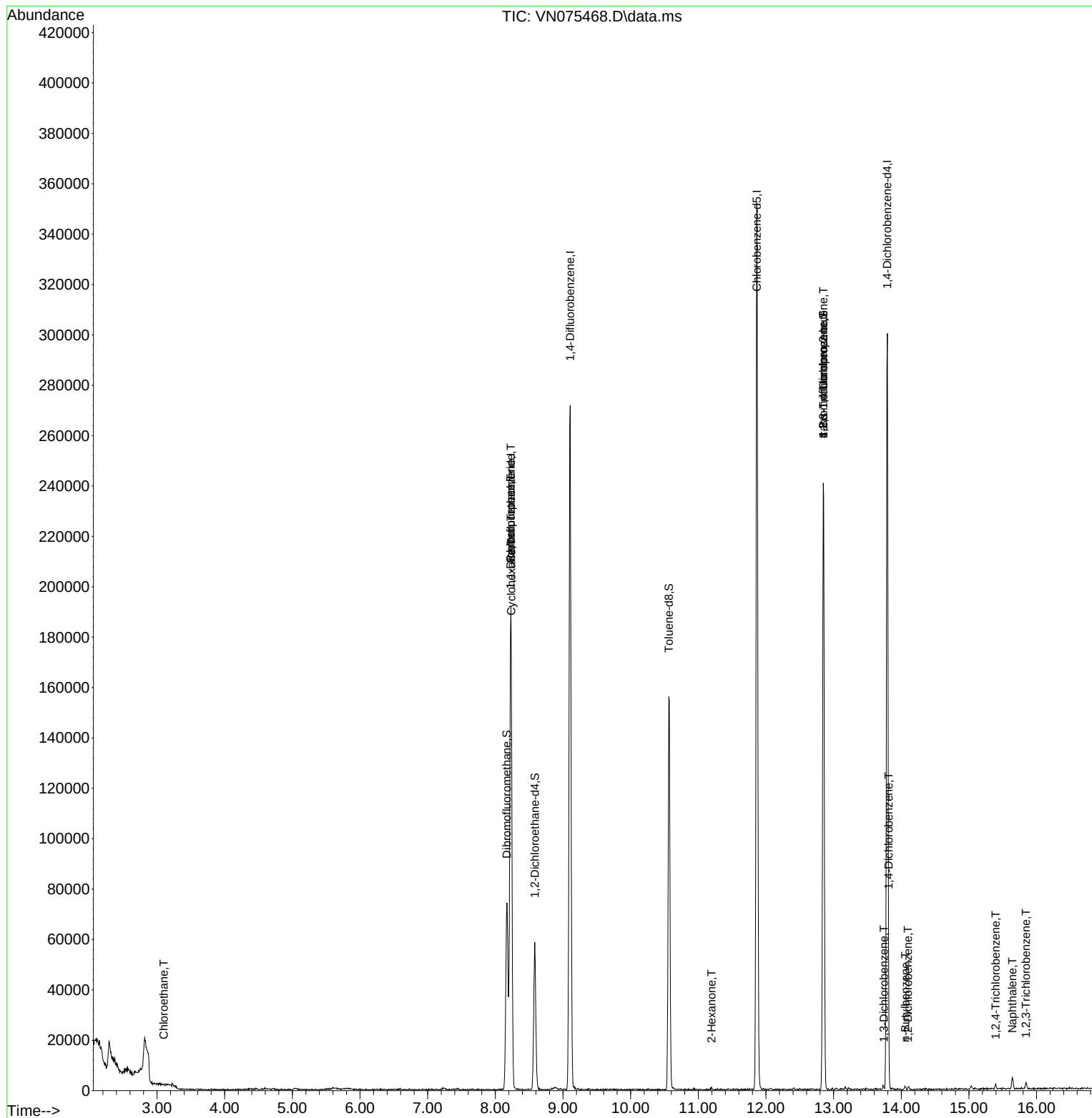
Internal Standards						
1) Pentafluorobenzene	8.230	168	147642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	45236	57.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.160%			
35) Dibromofluoromethane	8.171	113	53467	54.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.980%			
50) Toluene-d8	10.565	98	112867	51.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.080%			
62) 4-Bromofluorobenzene	12.847	95	83913	51.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.840%			
Target Compounds					Qvalue	
6) Chloroethane	3.101	64	317	0.236	ug/l #	45
18) Methyl Acetate	5.042	43	796	Below Cal	#	47
31) Cyclohexane	8.236	56	2858	1.135	ug/l #	61
36) 1,1-Dichloropropene	8.224	75	10366	4.889	ug/l #	51
38) Carbon Tetrachloride	8.230	117	15010	6.444	ug/l #	16
59) 2-Hexanone	11.194	43	456	0.311	ug/l	94
76) 1,2,3-Trichloropropane	12.847	75	41487	26.056	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	41487	77.095	ug/l #	10
87) 1,3-Dichlorobenzene	13.741	146	813	0.283	ug/l #	65
88) 1,4-Dichlorobenzene	13.812	146	1107	0.379	ug/l #	19
89) n-Butylbenzene	14.059	91	928	0.207	ug/l	82
91) 1,2-Dichlorobenzene	14.100	146	892	0.318	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.394	180	931	0.648	ug/l	88
95) Naphthalene	15.641	128	4815	1.065	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.841	180	965	0.683	ug/l	91

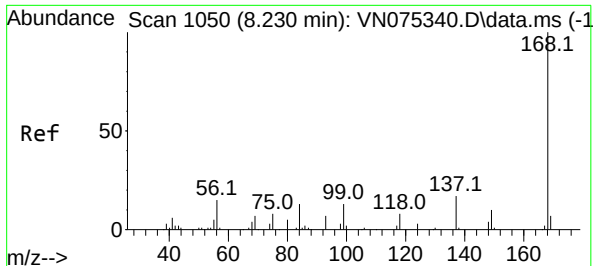
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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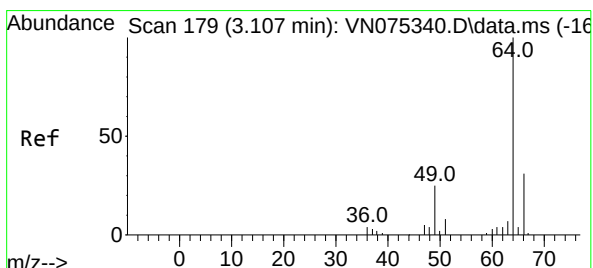
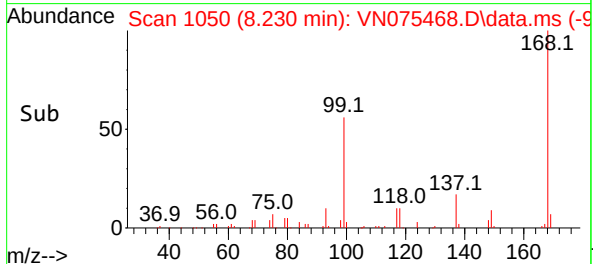
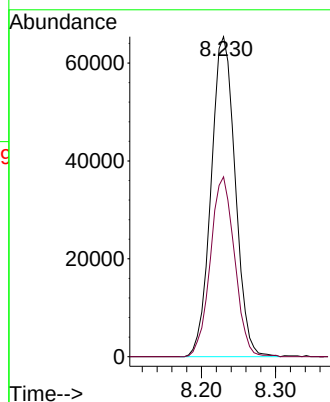
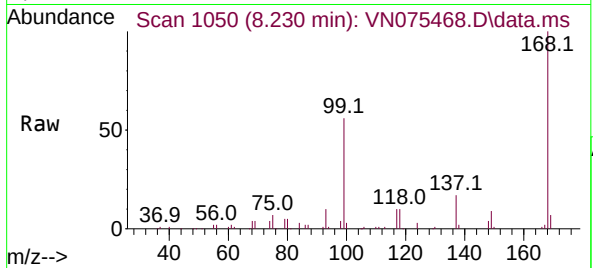




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

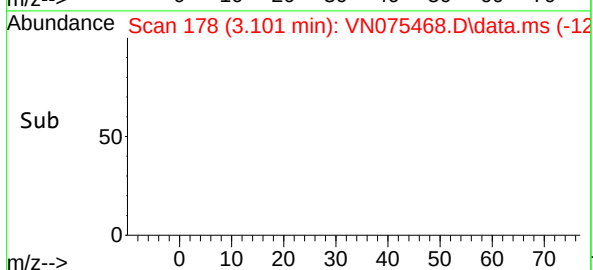
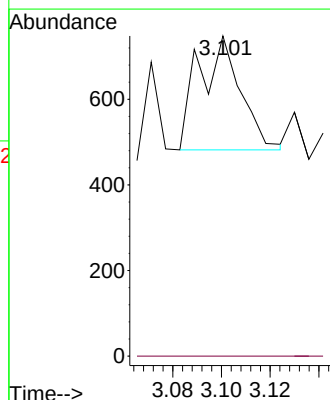
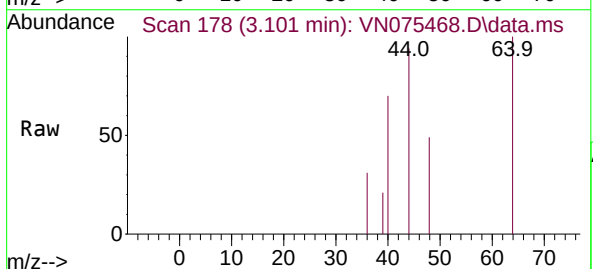
Instrument :
MSVOA_N
ClientSampleId :
RW9-PT-IN01-11282022

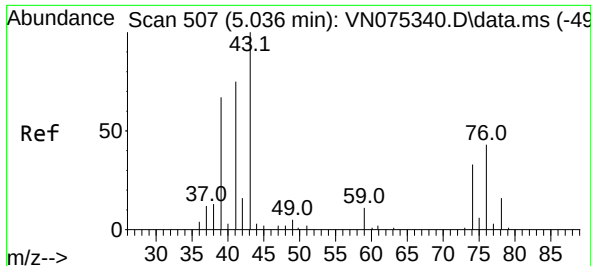
Tgt Ion:168 Resp: 147642
Ion Ratio Lower Upper
168 100
99 56.2 51.6 77.4



#6
Chloroethane
Concen: 0.236 ug/l
RT: 3.101 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

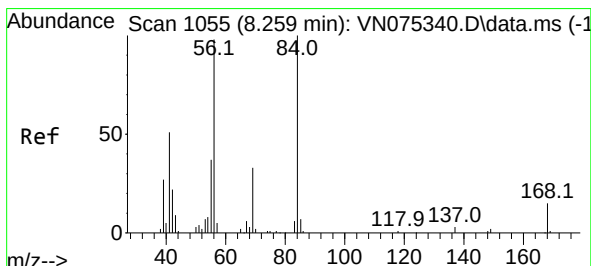
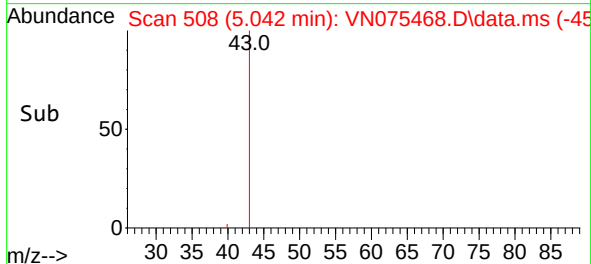
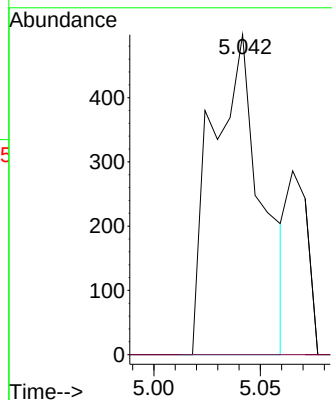
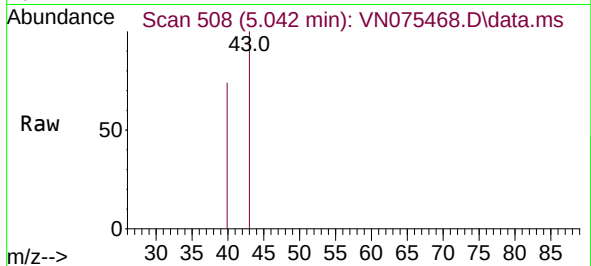




#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

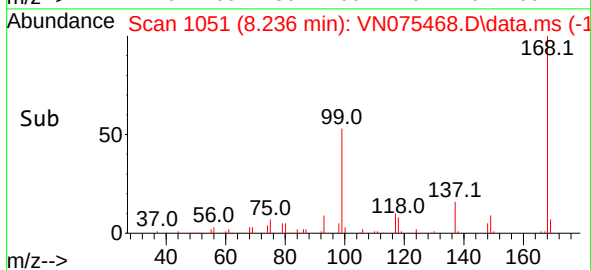
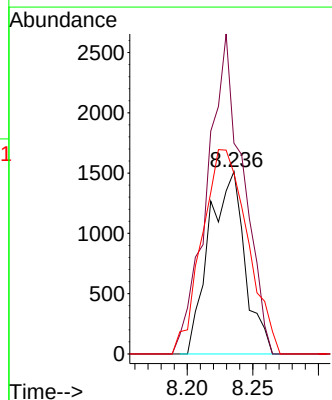
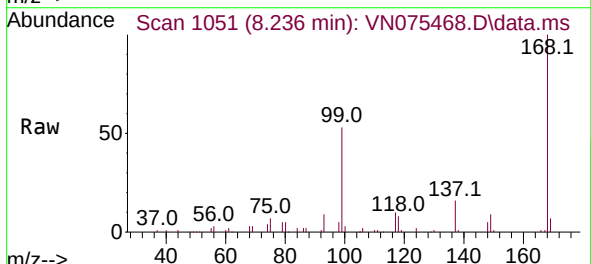
Instrument :
MSVOA_N
ClientSampleId :
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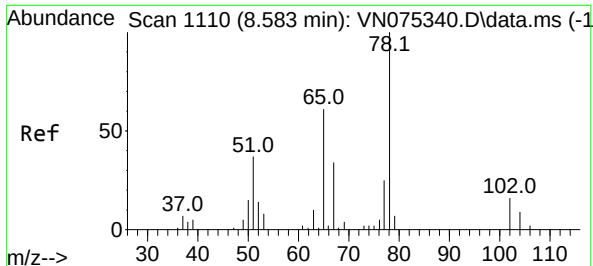
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

Tgt Ion: 56 Resp: 2858
Ion Ratio Lower Upper
56 100
69 115.6 25.2 37.8#
84 99.1 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 57.079 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075468.D

Acq: 29 Nov 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

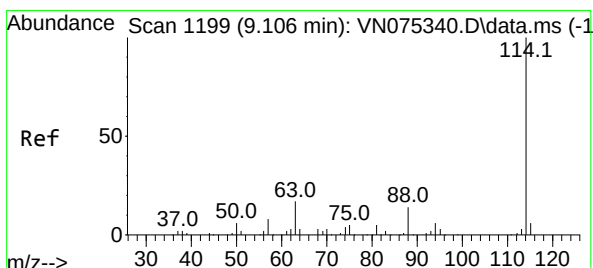
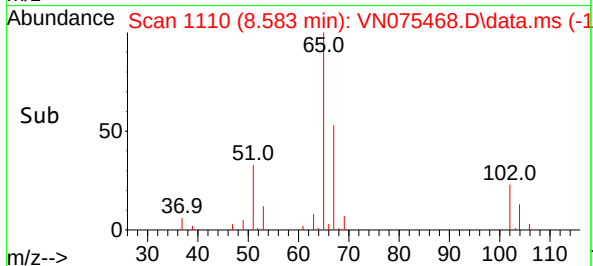
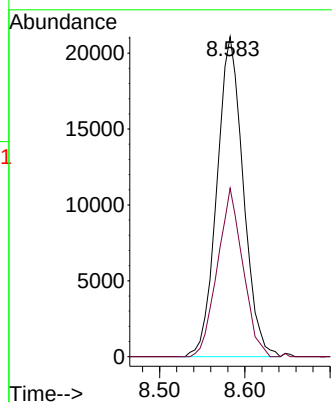
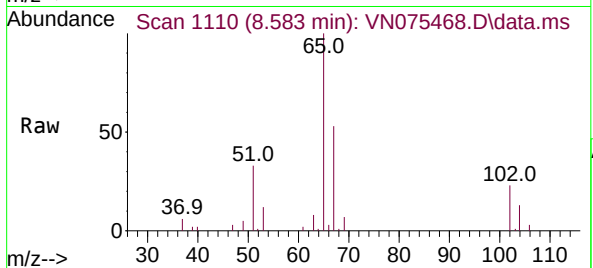
RW9-PT-IN01-11282022

Tgt Ion: 65 Resp: 45236

Ion Ratio Lower Upper

65 100

67 50.9 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: VN075468.D

Acq: 29 Nov 2022 12:04

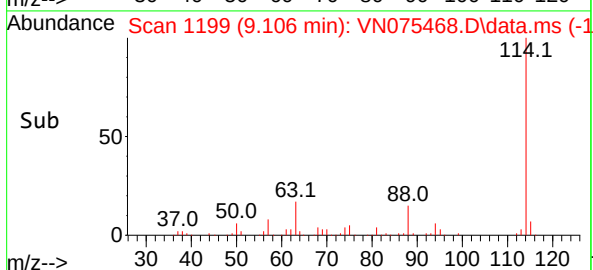
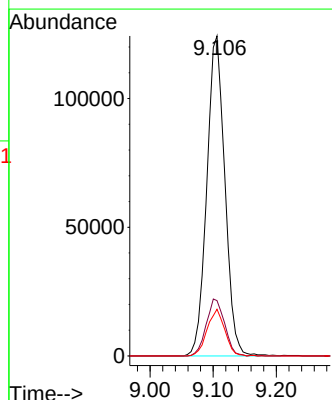
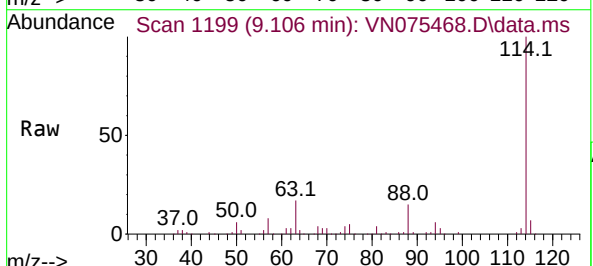
Tgt Ion: 114 Resp: 247503

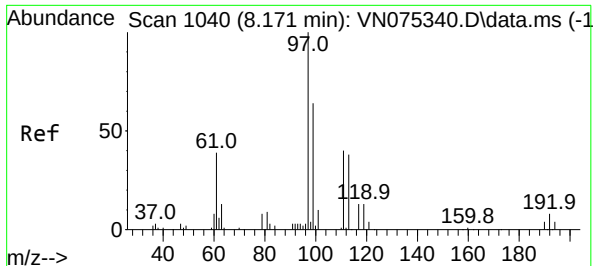
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 14.6 0.0 29.0

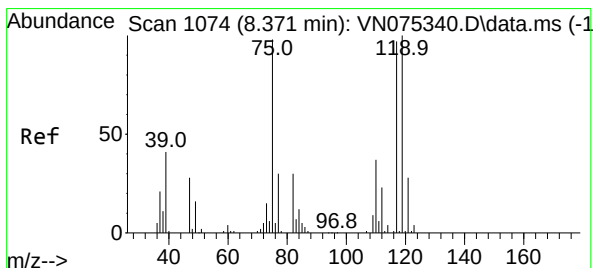
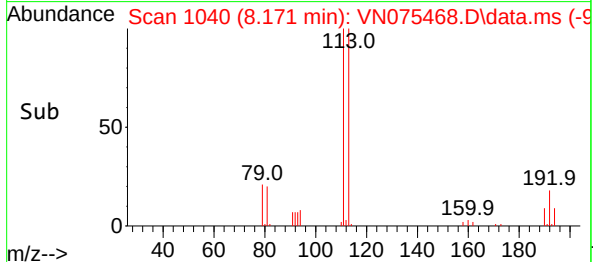
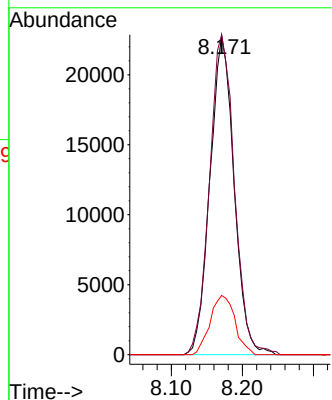
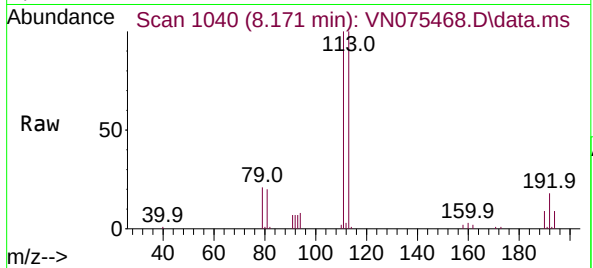




#35
Dibromofluoromethane
Concen: 54.992 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

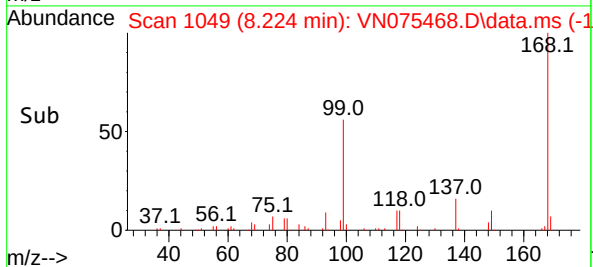
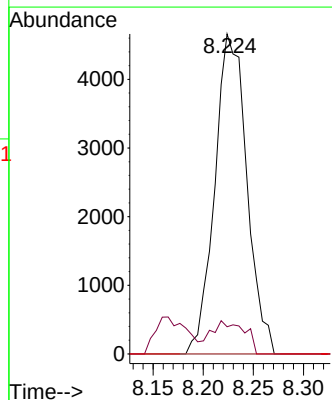
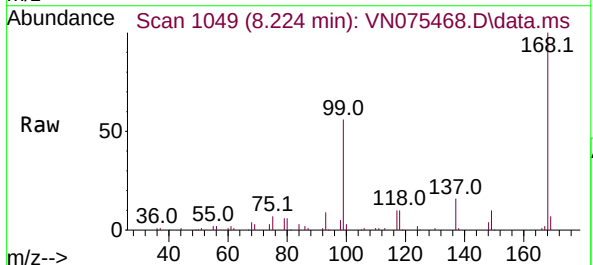
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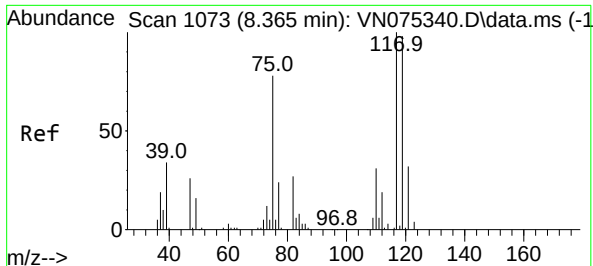
Tgt Ion:113 Resp: 53467
Ion Ratio Lower Upper
113 100
111 104.0 80.5 120.7
192 19.2 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

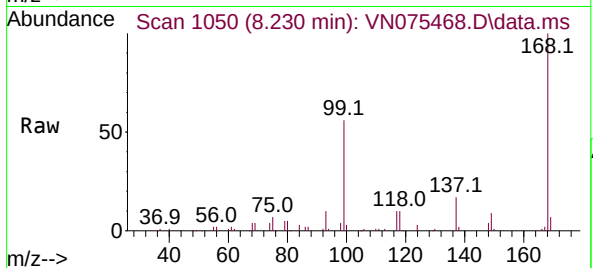
Tgt Ion: 75 Resp: 10366
Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.3#
77 0.0 24.6 37.0#



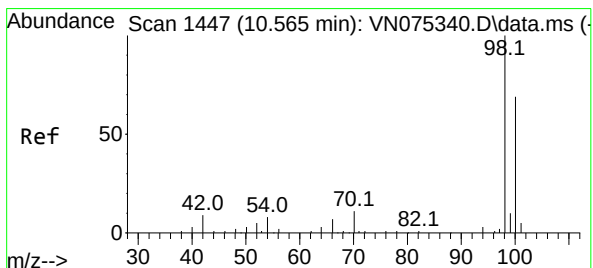
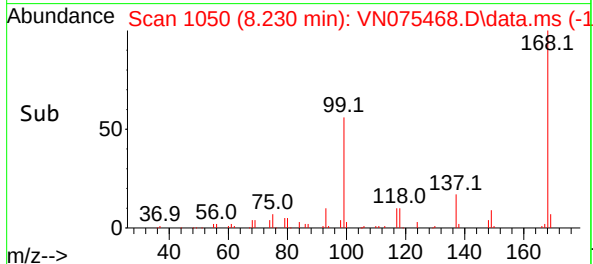
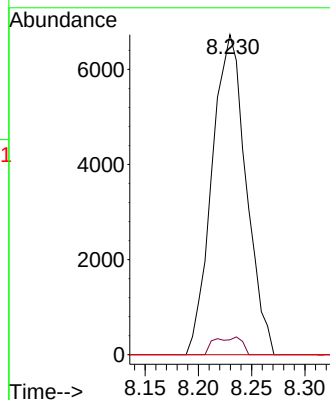


#38
Carbon Tetrachloride
Concen: 6.444 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
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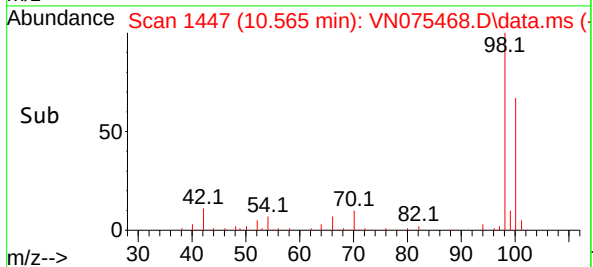
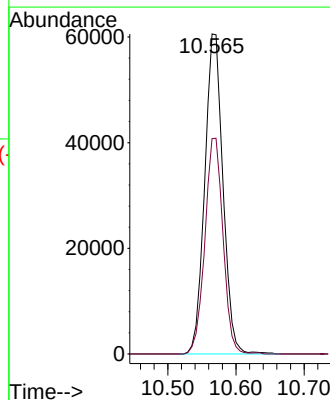
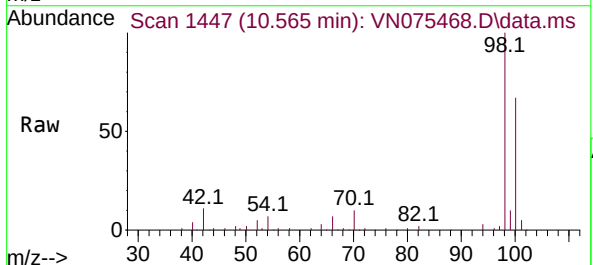


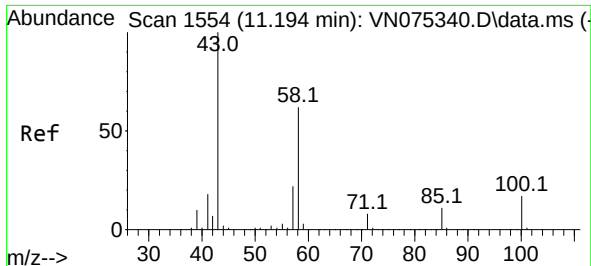
Tgt Ion:117 Resp: 15010
Ion Ratio Lower Upper
117 100
119 4.7 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 51.541 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

Tgt Ion: 98 Resp: 112867
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.6

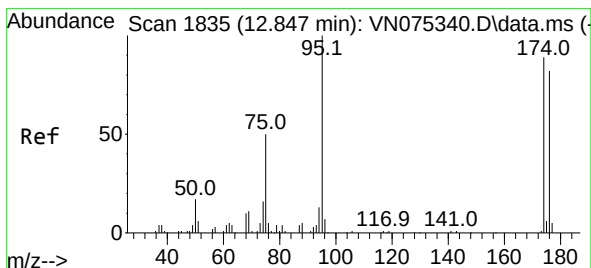
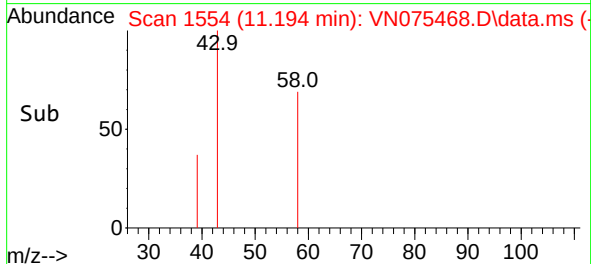
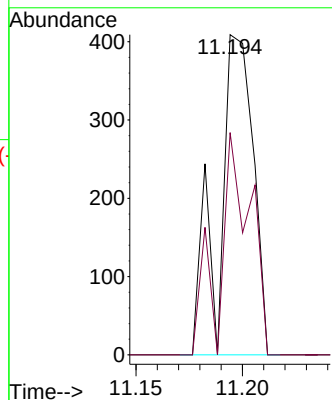
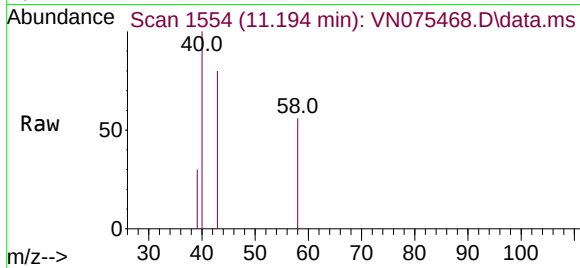




#59
2-Hexanone
Concen: 0.311 ug/l
RT: 11.194 min Scan# 11554
Delta R.T. 0.000 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

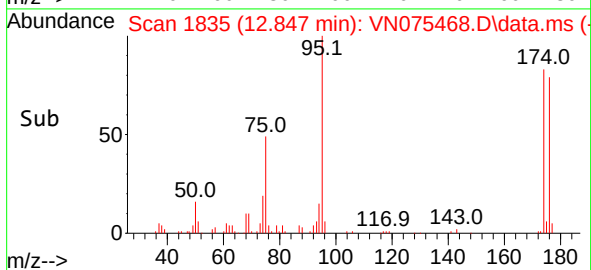
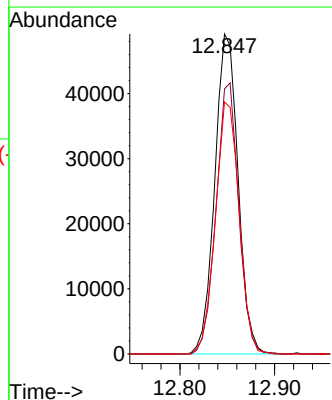
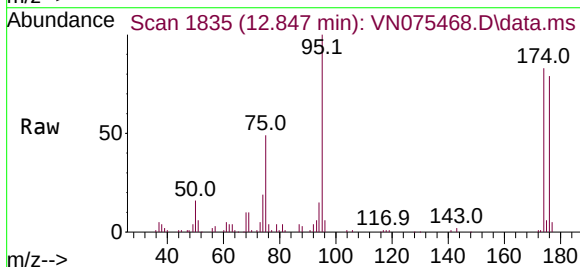
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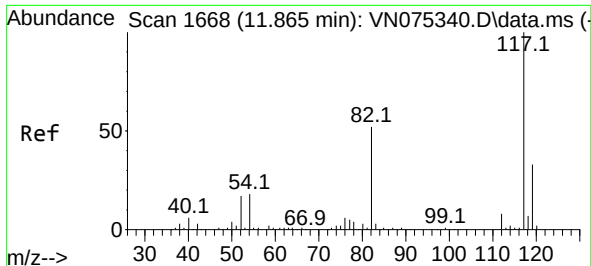
Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
58 63.4 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 51.916 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

Tgt Ion: 95 Resp: 83913
Ion Ratio Lower Upper
95 100
174 82.2 0.0 147.4
176 80.3 0.0 142.2

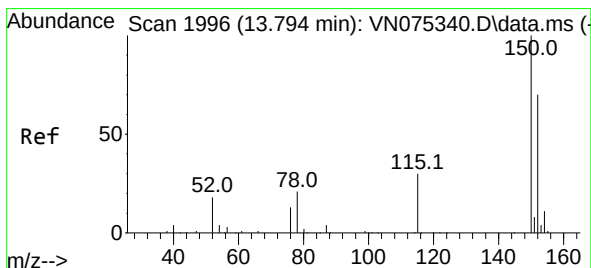
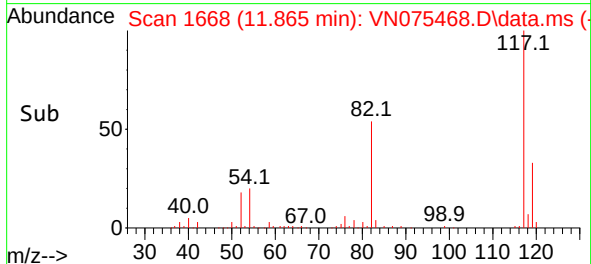
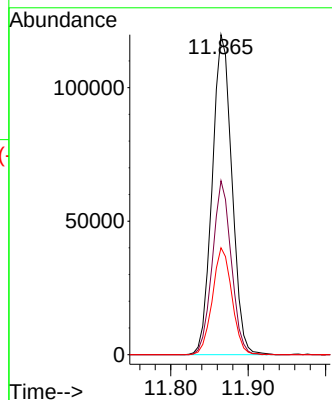
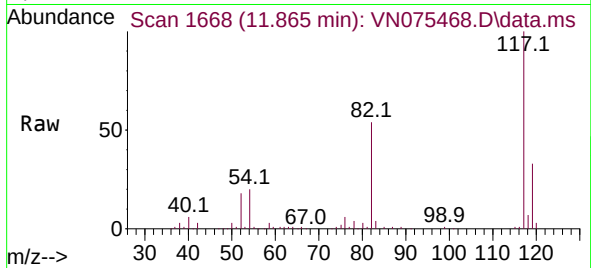




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

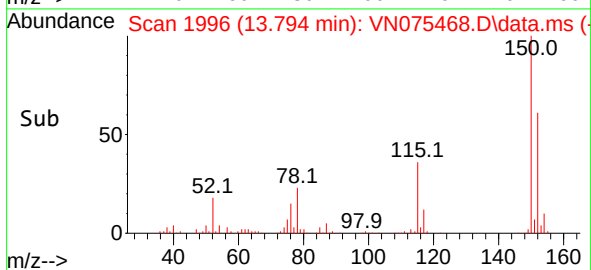
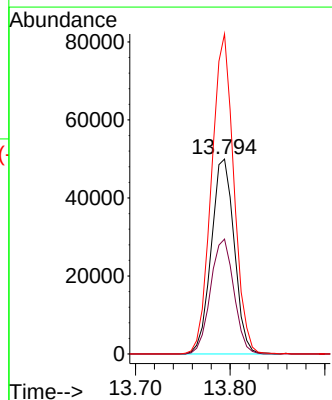
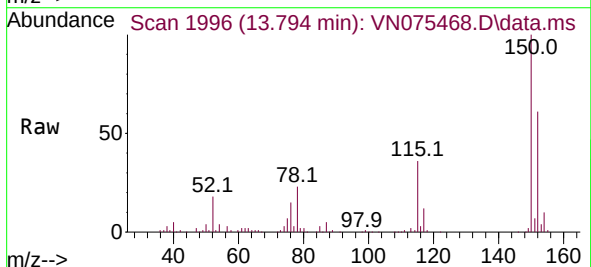
Instrument :
MSVOA_N
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RW9-PT-IN01-11282022

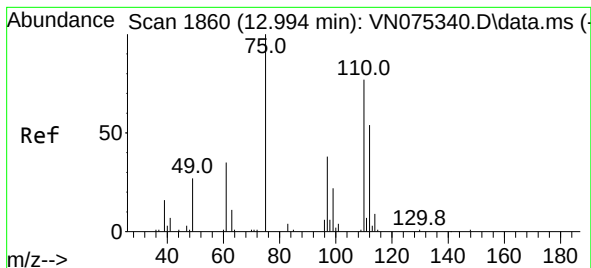
Tgt Ion:	117	Resp:	212166
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.1	64.7
119	33.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075468.D
Acq: 29 Nov 2022 12:04

Tgt Ion:	152	Resp:	84211
Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.2	90.6
150	159.6	0.0	348.4





#76

1,2,3-Trichloropropane

Concen: 26.056 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

Lab File: VN075468.D

Acq: 29 Nov 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

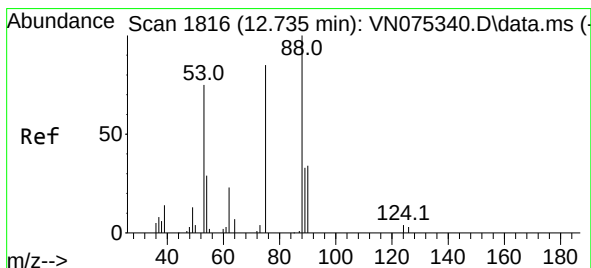
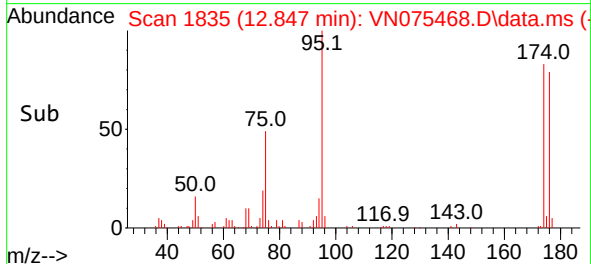
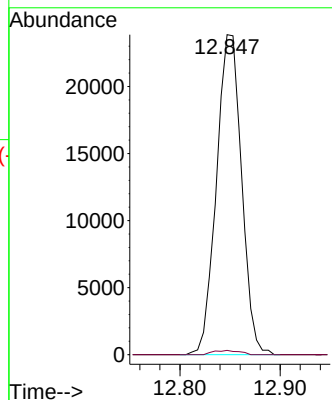
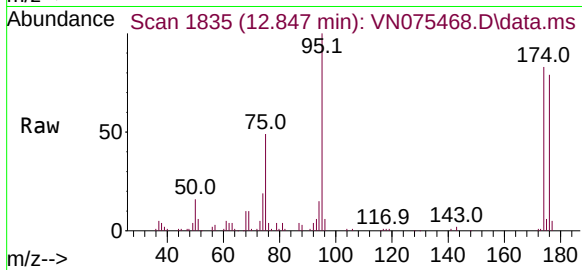
RW9-PT-IN01-11282022

Tgt Ion: 75 Resp: 41487

Ion Ratio Lower Upper

75 100

77 1.4 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.095 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.112 min

Lab File: VN075468.D

Acq: 29 Nov 2022 12:04

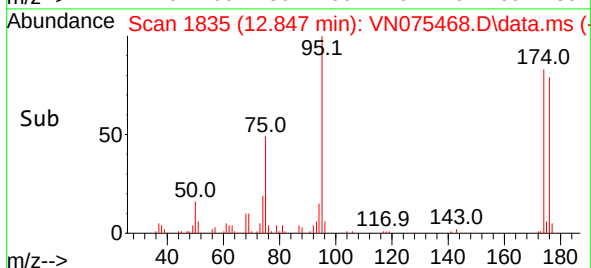
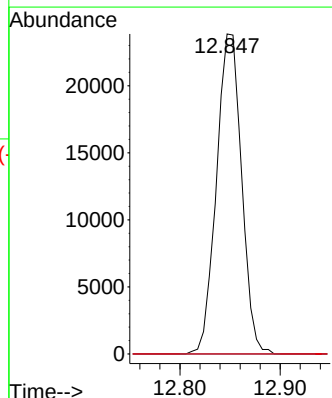
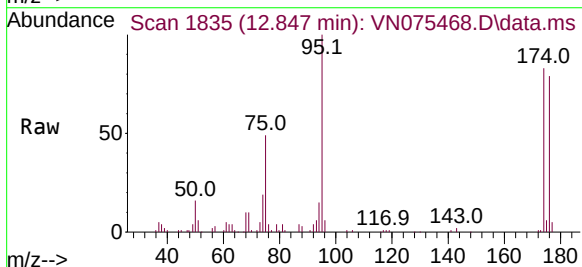
Tgt Ion: 75 Resp: 41487

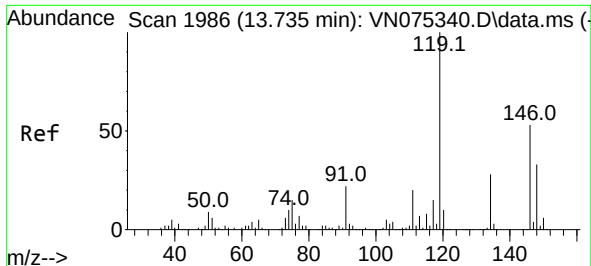
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#

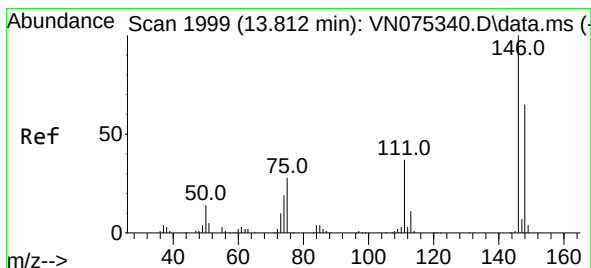
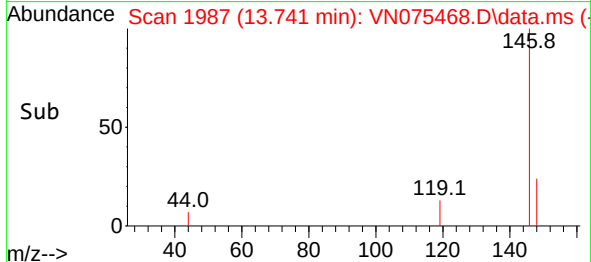
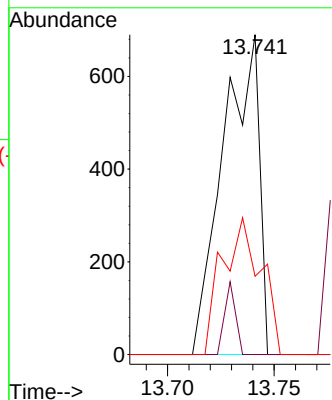
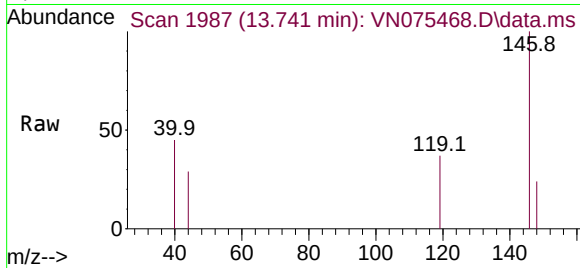




#87
 1,3-Dichlorobenzene
 Concen: 0.283 ug/l
 RT: 13.741 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075468.D
 Acq: 29 Nov 2022 12:04

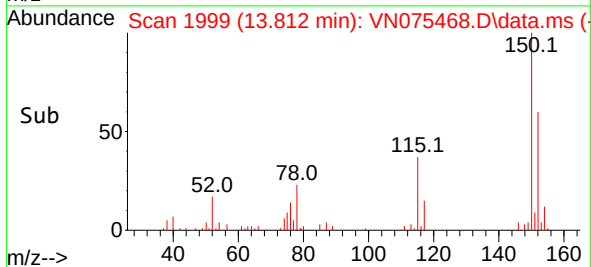
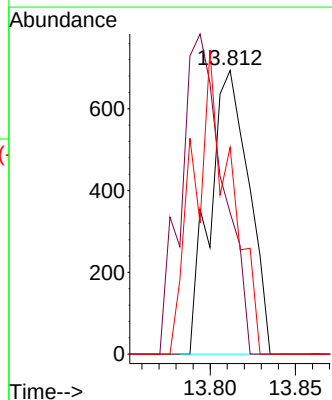
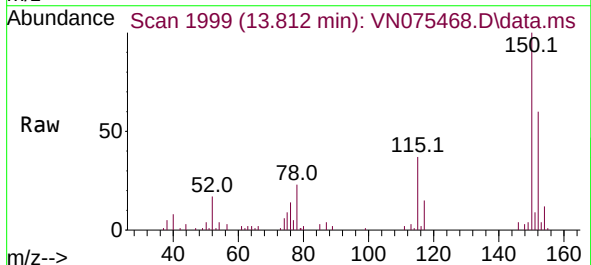
Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-PT-IN01-11282022

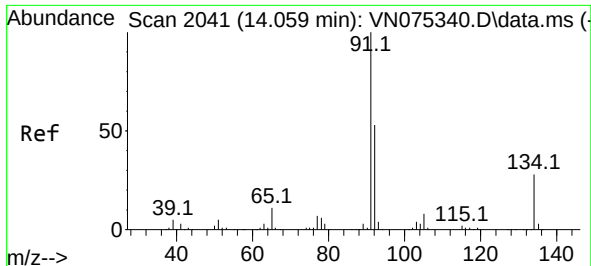
Tgt Ion:146 Resp: 813
 Ion Ratio Lower Upper
 146 100
 111 6.8 20.8 62.5#
 148 46.0 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 0.379 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075468.D
 Acq: 29 Nov 2022 12:04

Tgt Ion:146 Resp: 1107
 Ion Ratio Lower Upper
 146 100
 111 121.8 20.1 60.3#
 148 101.5 31.9 95.7#





#89

n-Butylbenzene

Concen: 0.207 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075468.D

Acq: 29 Nov 2022 12:04

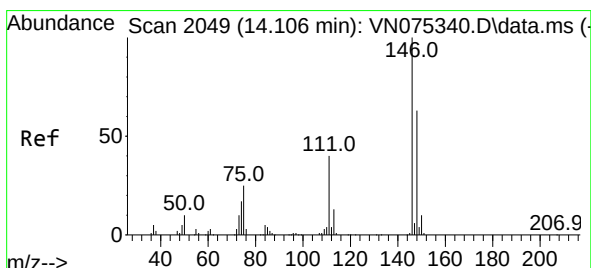
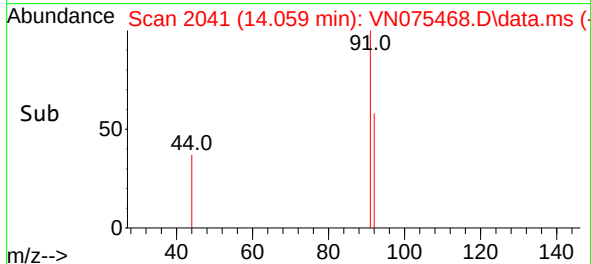
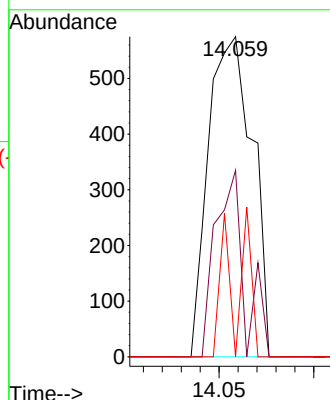
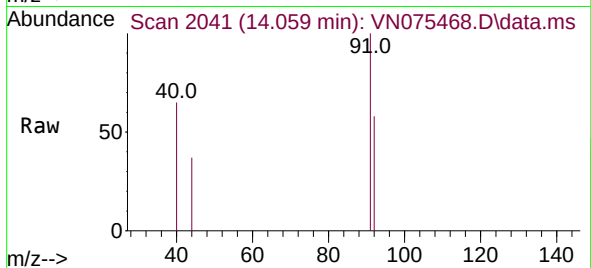
Instrument :

MSVOA_N

ClientSampleId :

RW9-PT-IN01-11282022

Tgt Ion:	91	Resp:	928
Ion	Ratio	Lower	Upper
91	100		
92	38.3	26.5	79.4
134	20.0	13.0	39.0



#91

1,2-Dichlorobenzene

Concen: 0.318 ug/l

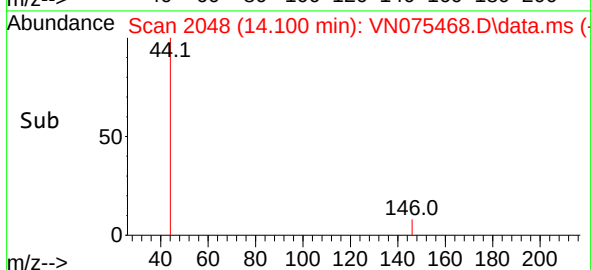
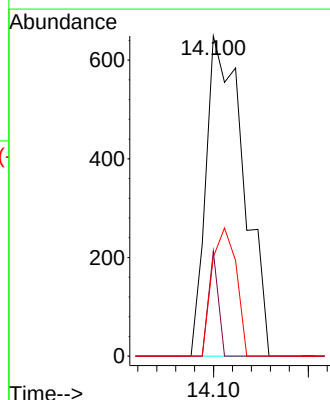
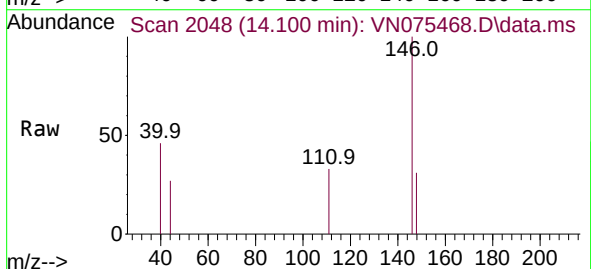
RT: 14.100 min Scan# 2048

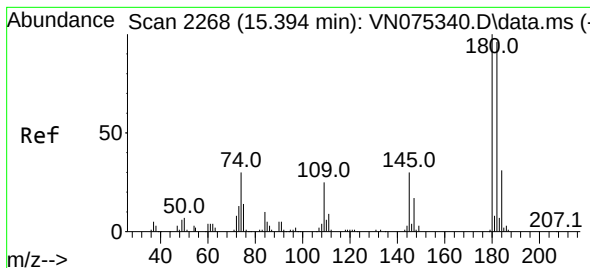
Delta R.T. -0.006 min

Lab File: VN075468.D

Acq: 29 Nov 2022 12:04

Tgt Ion:	146	Resp:	892
Ion	Ratio	Lower	Upper
146	100		
111	8.4	21.3	63.9#
148	25.9	31.4	94.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.648 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075468.D

Acq: 29 Nov 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

RW9-PT-IN01-11282022

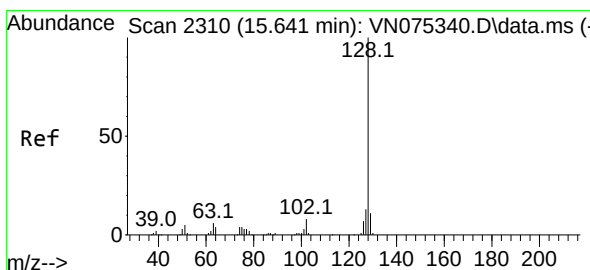
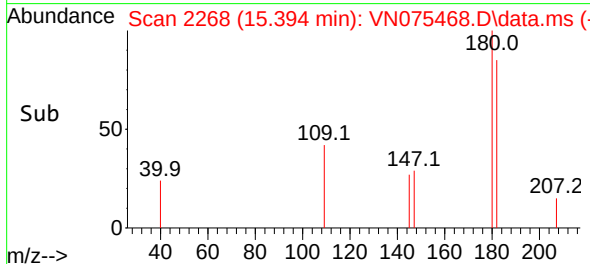
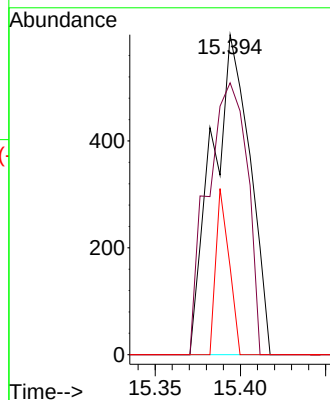
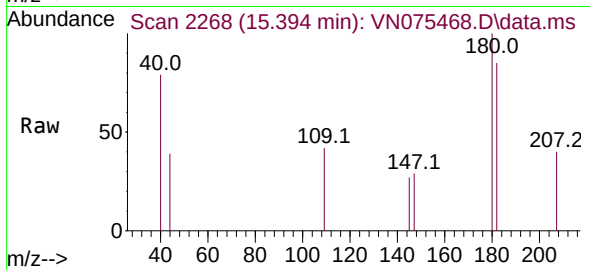
Tgt Ion:180 Resp: 931

Ion Ratio Lower Upper

180 100

182 88.7 47.8 143.4

145 18.0 16.8 50.3



#95

Naphthalene

Concen: 1.065 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075468.D

Acq: 29 Nov 2022 12:04

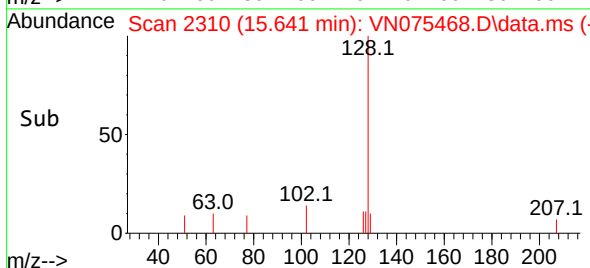
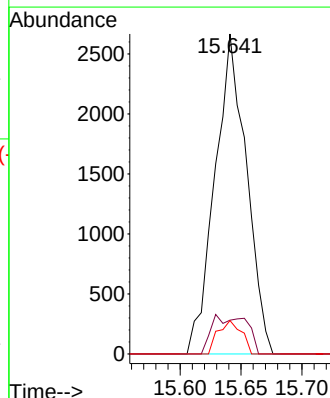
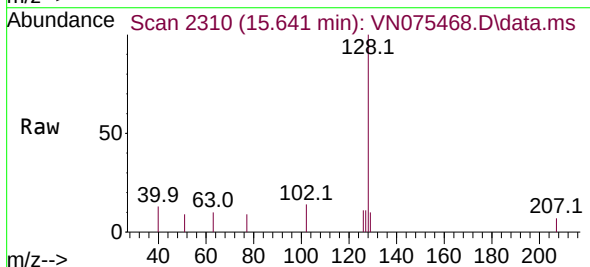
Tgt Ion:128 Resp: 4815

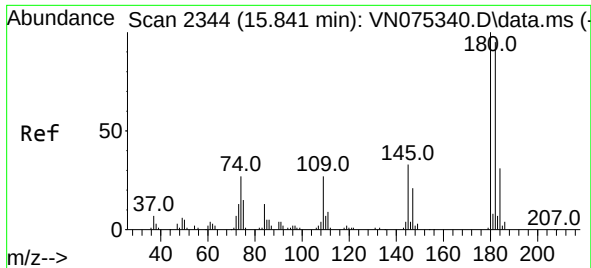
Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

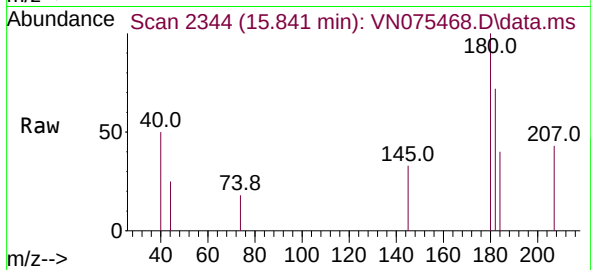
129 7.7 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.683 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075468.D
 Acq: 29 Nov 2022 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-PT-IN01-11282022



Tgt Ion:180	Resp:	965
Ion	Ratio	Lower Upper
180	100	
182	102.3	47.3 141.8
145	28.2	17.6 52.9

