

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074230.D
 Acq On : 01 Sep 2022 09:55
 Operator : JC\MD
 Sample : VN0901MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901MBL01

Quant Time: Sep 01 16:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

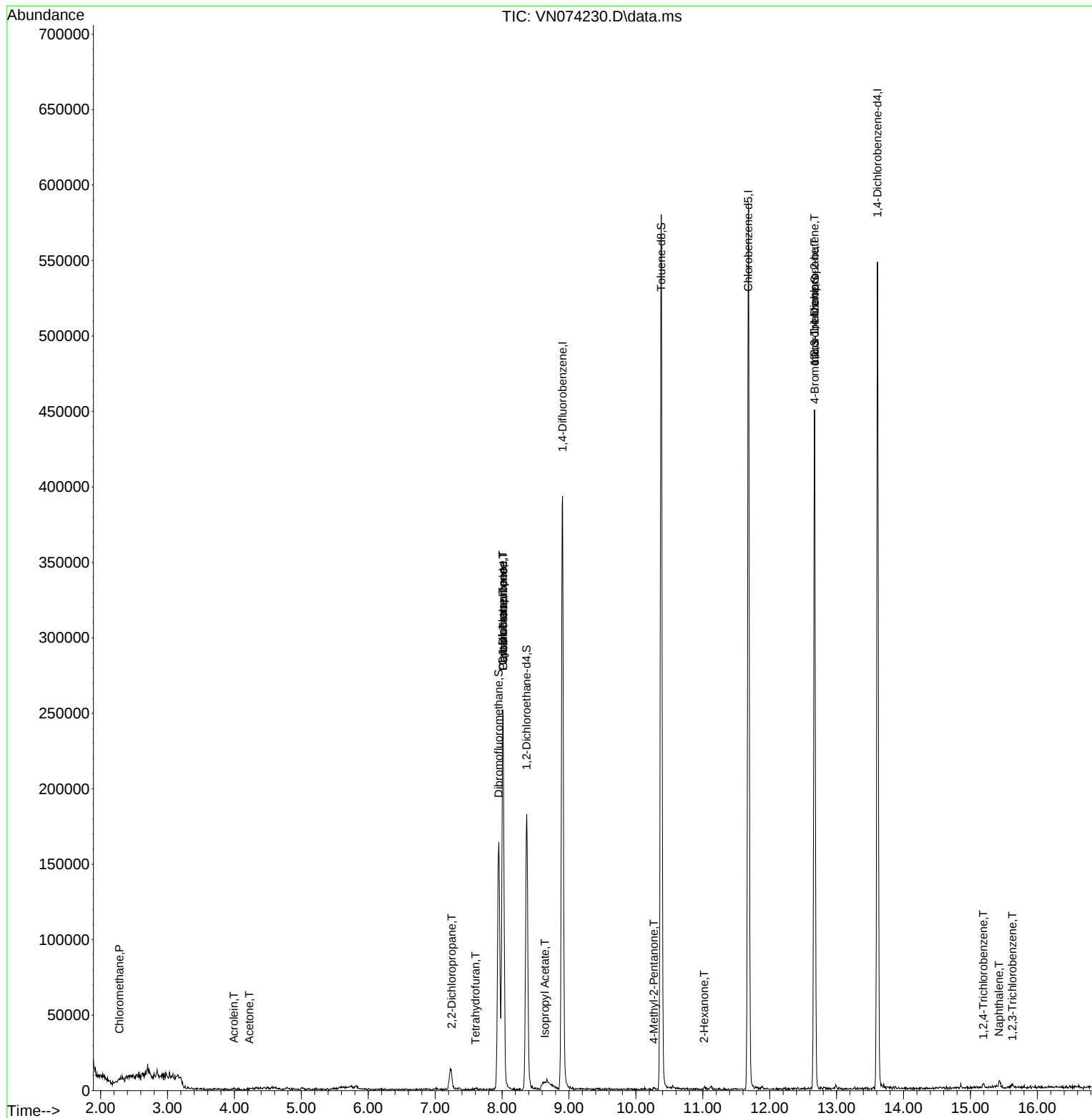
Internal Standards						
1) Pentafluorobenzene	8.016	168	174537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	321355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	307646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	127378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	145152	53.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.220%			
35) Dibromofluoromethane	7.951	113	117382	56.134	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.260%			
50) Toluene-d8	10.380	98	384339	46.671	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.340%			
62) 4-Bromofluorobenzene	12.674	95	142599	56.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.880%			
Target Compounds						Qvalue
3) Chloromethane	2.281	50	842	0.331	ug/l #	43
6) Chloroethane	2.952	64	534	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	60	Below Cal	#	72
13) Acrolein	3.993	56	148	0.247	ug/l #	16
16) Acetone	4.222	43	529	0.292	ug/l	99
18) Methyl Acetate	4.763	43	663	Below Cal	#	68
20) Methylene Chloride	5.010	84	488	Below Cal	#	41
26) 2,2-Dichloropropane	7.245	77	325	0.377	ug/l #	53
28) Bromochloromethane	7.557	49	119	Below Cal	#	8
29) Tetrahydrofuran	7.604	42	606	0.329	ug/l #	29
31) Cyclohexane	8.010	56	5347	1.195	ug/l #	44
36) 1,1-Dichloropropene	8.010	75	17904	5.277	ug/l #	48
38) Carbon Tetrachloride	8.016	117	19409	6.298	ug/l #	18
43) Isopropyl Acetate	8.639	43	6196	0.812	ug/l #	53
51) 4-Methyl-2-Pentanone	10.269	43	1277	0.231	ug/l #	33
59) 2-Hexanone	11.022	43	1489	0.354	ug/l #	49
76) 1,2,3-Trichloropropane	12.669	75	81681	25.875	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	81681	66.560	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.192	180	1130	0.482	ug/l	73
95) Naphthalene	15.427	128	4008	1.556	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.627	180	1195	0.492	ug/l	87

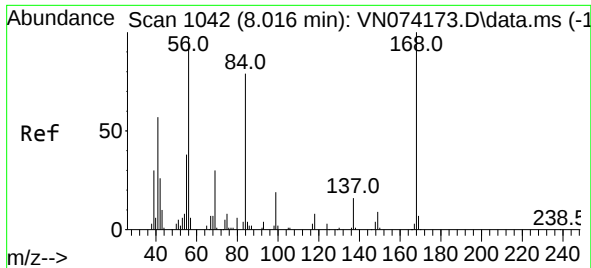
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
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Sample : VN0901MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Quant Title : SW846 8260
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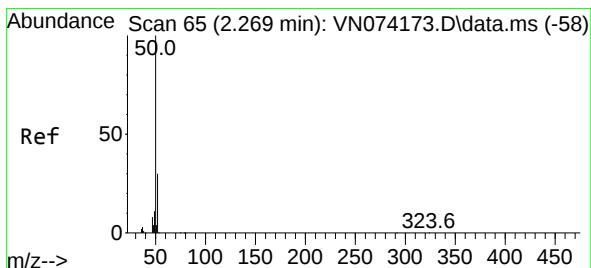
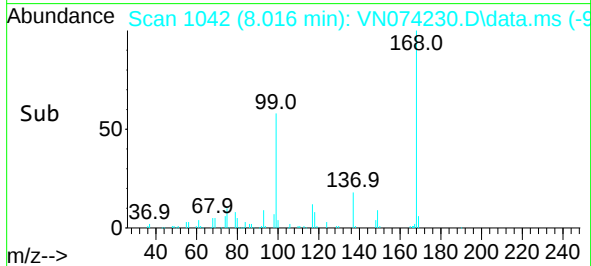
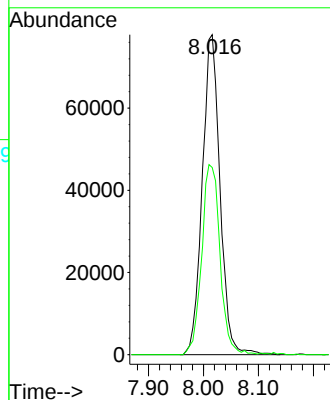
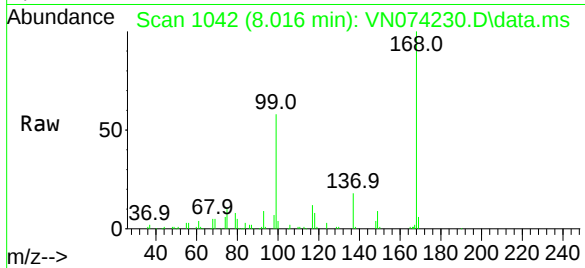




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

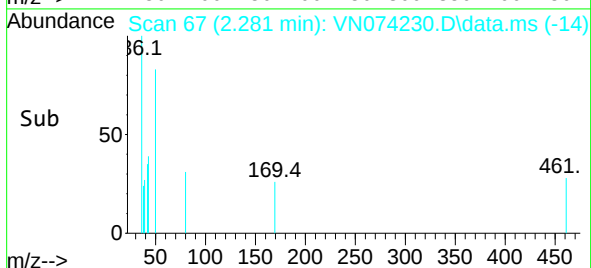
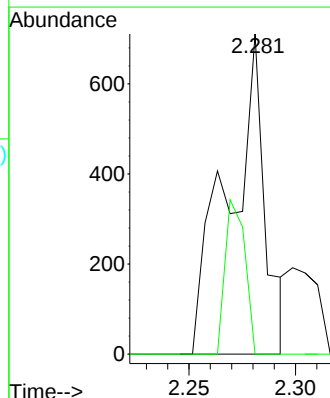
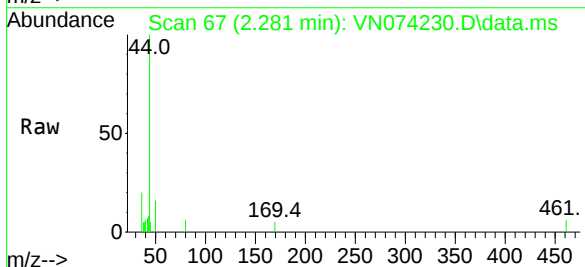
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01

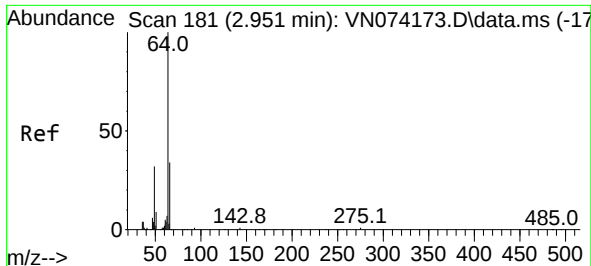
Tgt Ion:168 Resp: 174537
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#3
Chloromethane
Concen: 0.331 ug/l
RT: 2.281 min Scan# 67
Delta R.T. 0.012 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

Tgt Ion: 50 Resp: 842
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

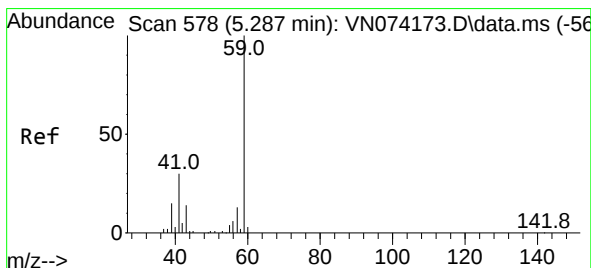
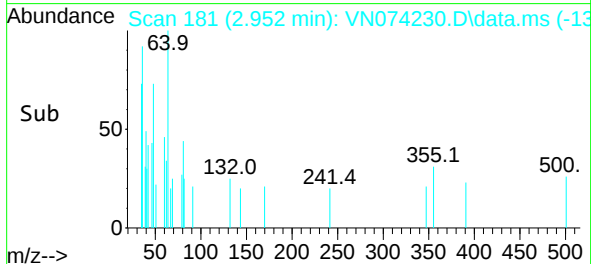
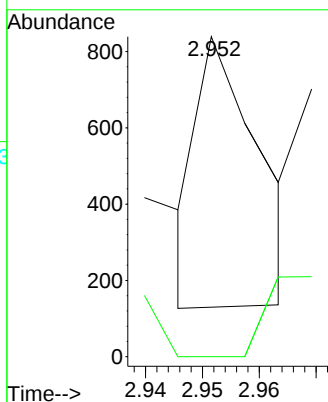
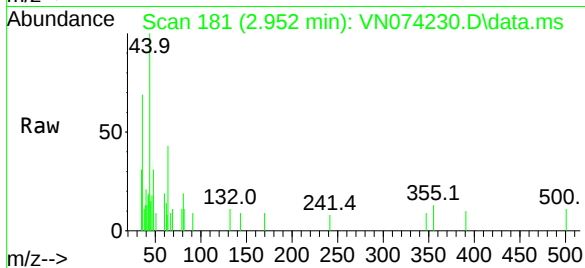




#6
Chloroethane
Concen: Below Cal
RT: 2.952 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

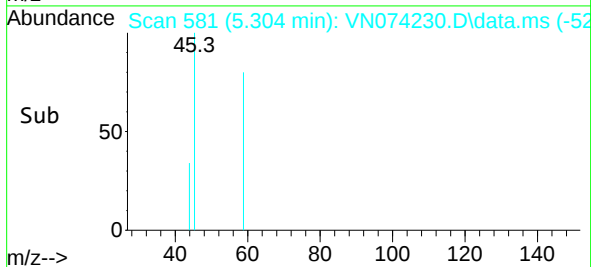
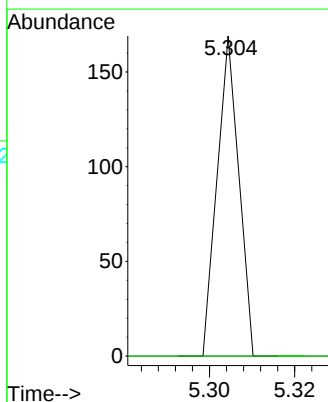
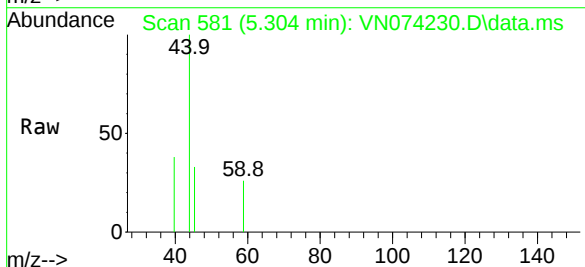
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01

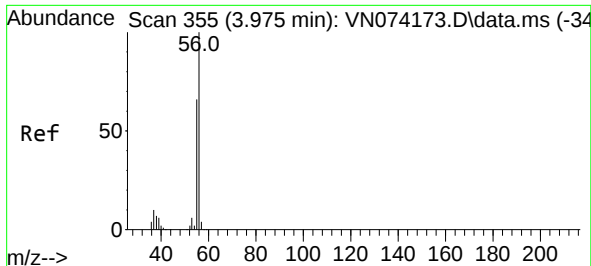
Tgt Ion: 64 Resp: 534
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.304 min Scan# 581
Delta R.T. 0.017 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.247 ug/l

RT: 3.993 min Scan# 358

Delta R.T. 0.018 min

Lab File: VN074230.D

Acq: 01 Sep 2022 09:55

Instrument :

MSVOA_N

ClientSampleId :

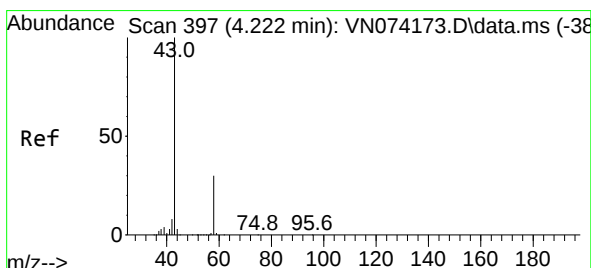
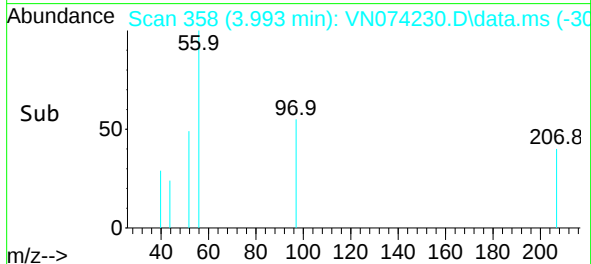
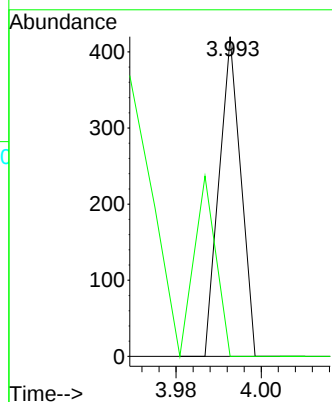
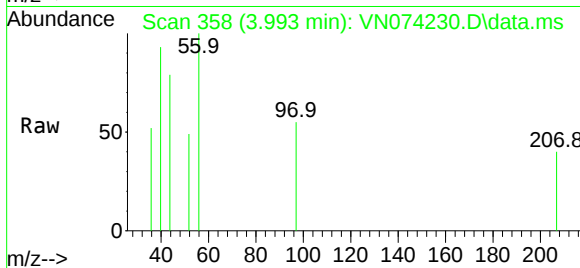
VN0901MBL01

Tgt Ion: 56 Resp: 148

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#



#16

Acetone

Concen: 0.292 ug/l

RT: 4.222 min Scan# 397

Delta R.T. 0.000 min

Lab File: VN074230.D

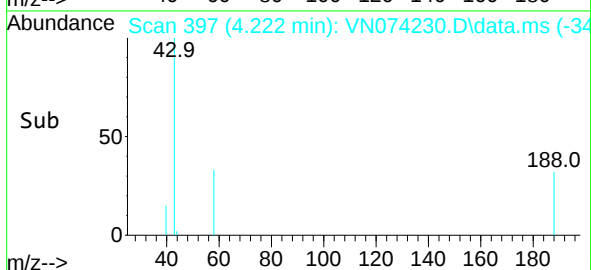
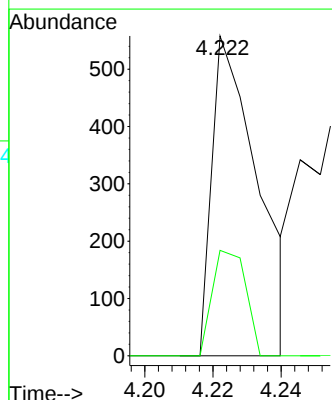
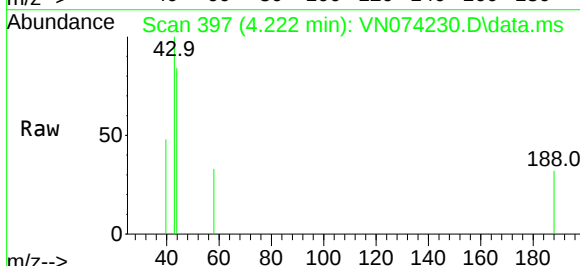
Acq: 01 Sep 2022 09:55

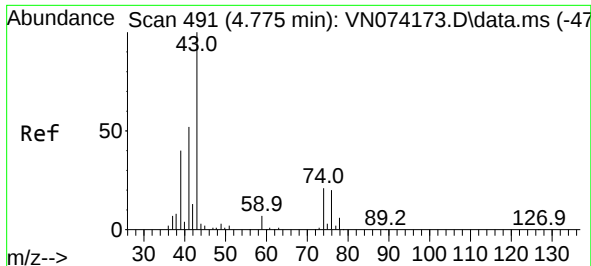
Tgt Ion: 43 Resp: 529

Ion Ratio Lower Upper

43 100

58 33.0 26.0 39.0

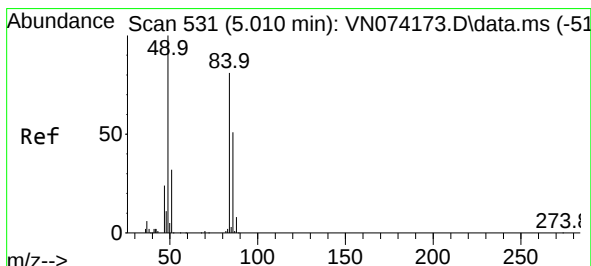
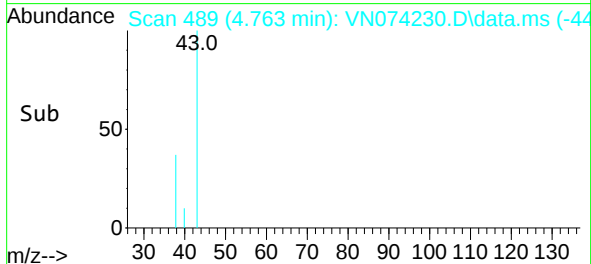
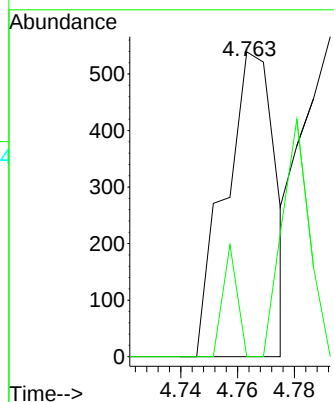
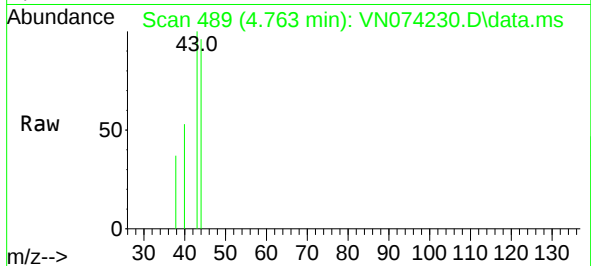




#18
Methyl Acetate
Concen: Below Cal
RT: 4.763 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

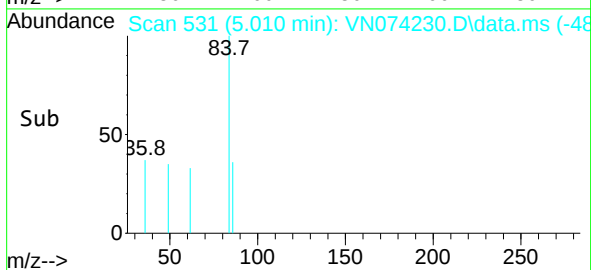
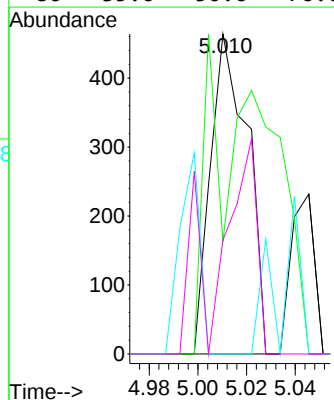
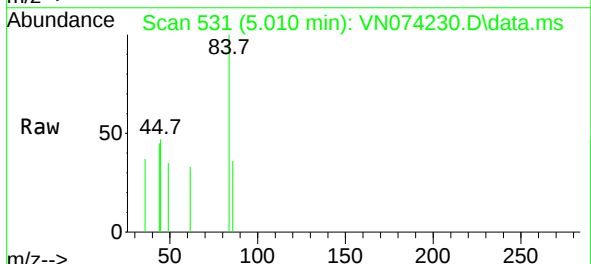
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01

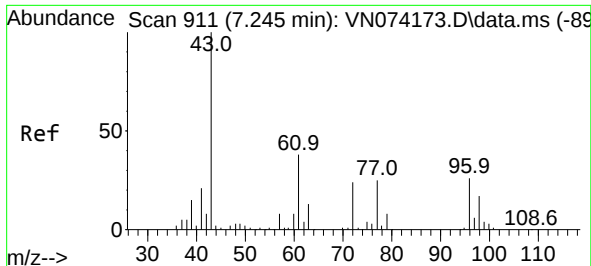
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
74 10.6 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

Tgt Ion: 84 Resp: 488
Ion Ratio Lower Upper
84 100
49 35.1 88.3 132.5#
51 0.0 28.2 42.2#
86 35.6 50.6 76.0#

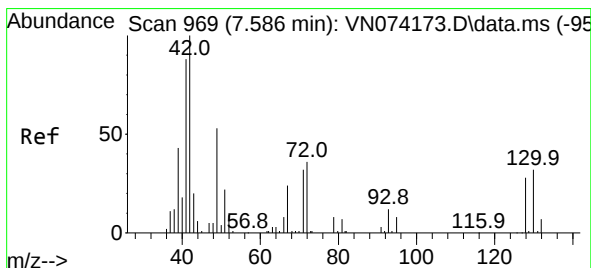
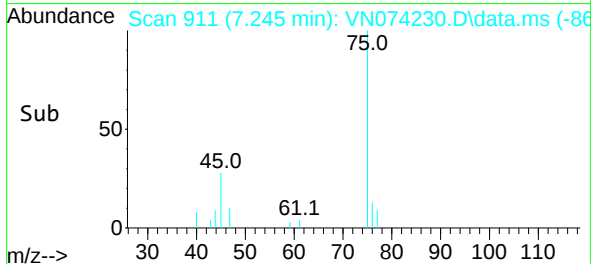
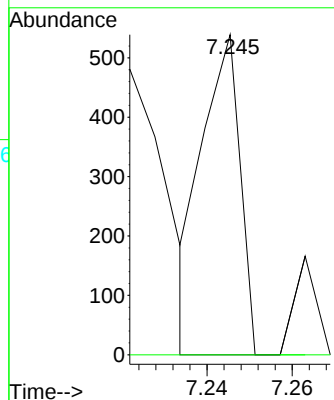
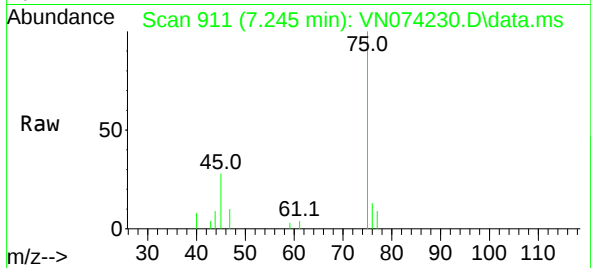




#26
2,2-Dichloropropane
Concen: 0.377 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

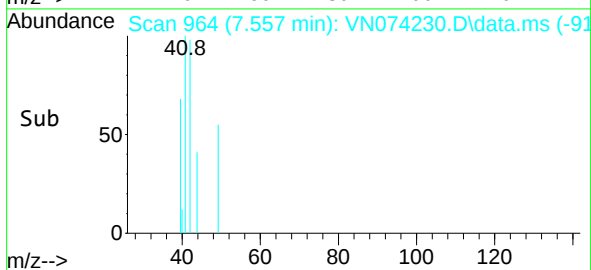
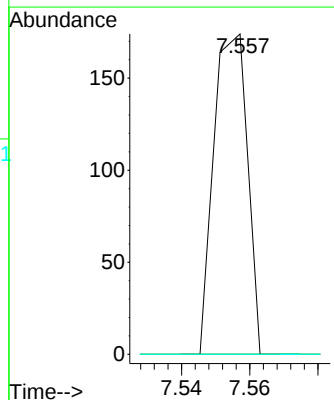
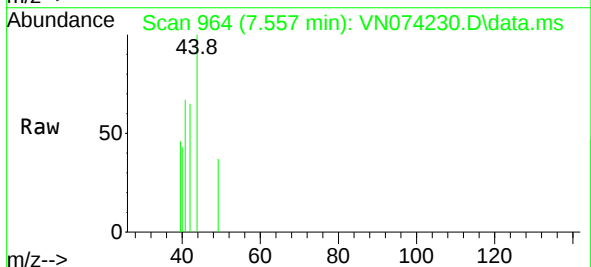
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01

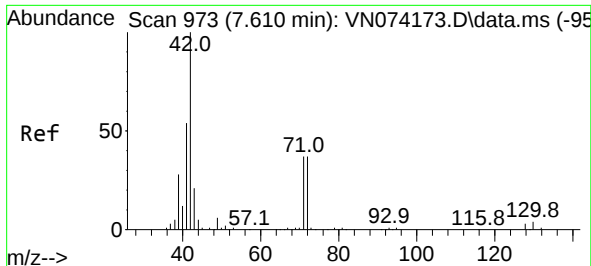
Tgt Ion: 77 Resp: 325
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.557 min Scan# 964
Delta R.T. -0.029 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

Tgt Ion: 49 Resp: 119
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 0.329 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074230.D

Acq: 01 Sep 2022 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0901MBL01

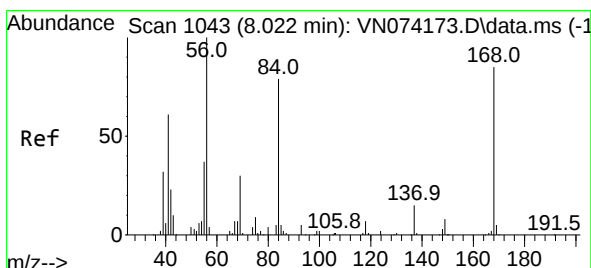
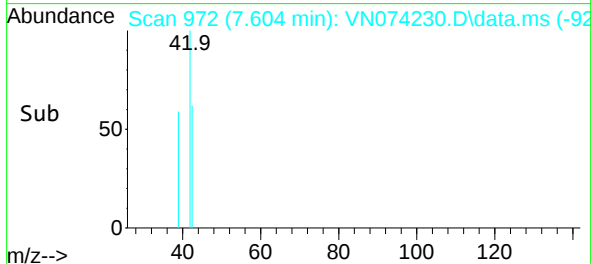
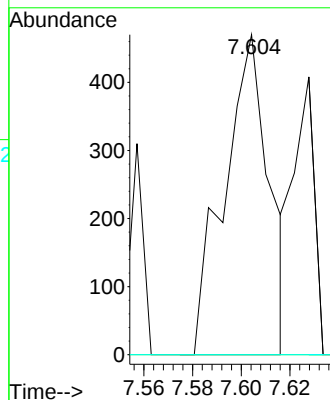
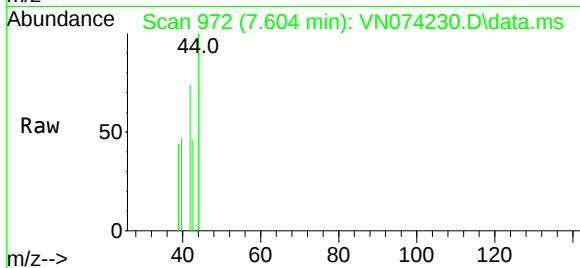
Tgt Ion: 42 Resp: 606

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#



#31

Cyclohexane

Concen: 1.195 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN074230.D

Acq: 01 Sep 2022 09:55

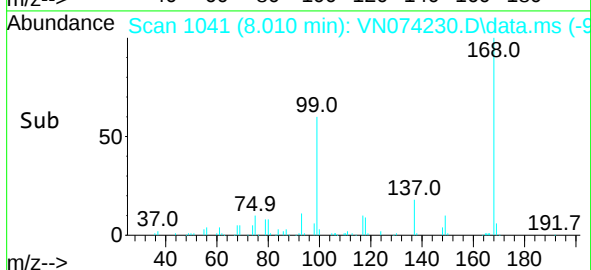
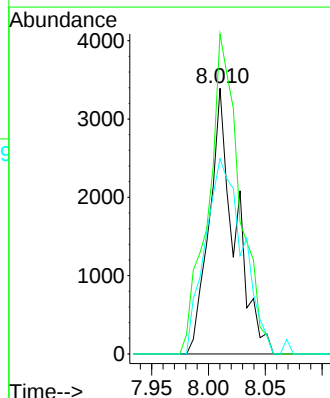
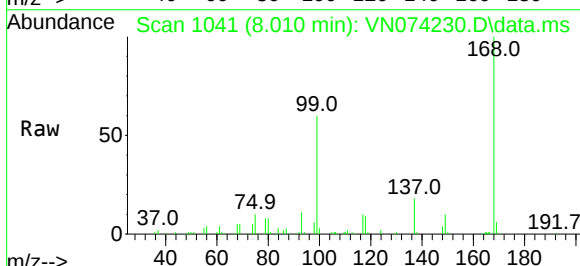
Tgt Ion: 56 Resp: 5347

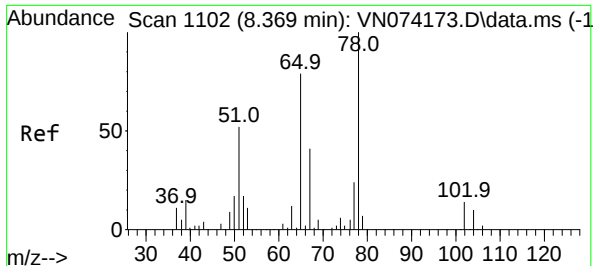
Ion Ratio Lower Upper

56 100

69 120.4 27.8 41.8#

84 73.5 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 53.611 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074230.D

Acq: 01 Sep 2022 09:55

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MSVOA_N

ClientSampleId :

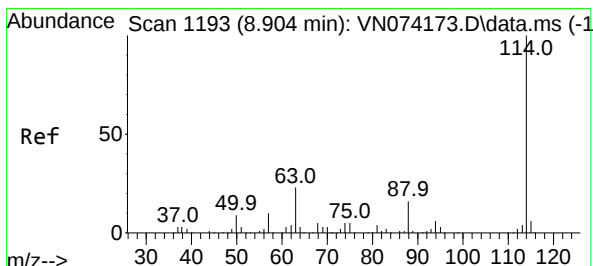
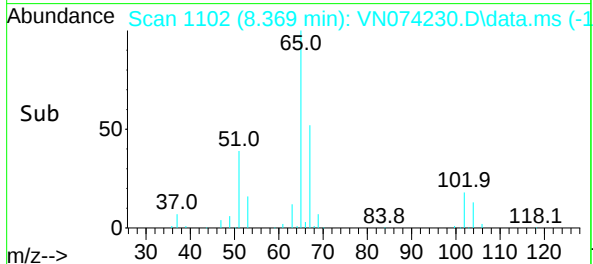
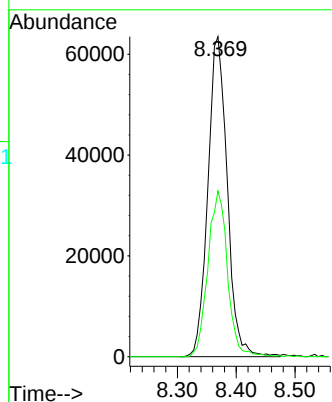
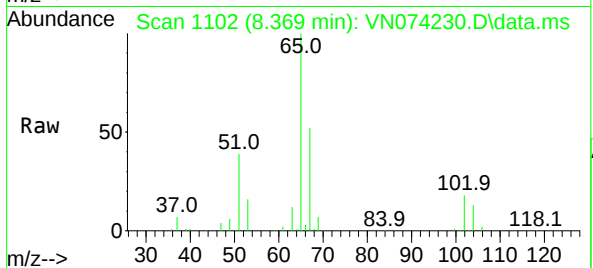
VN0901MBL01

Tgt Ion: 65 Resp: 145152

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074230.D

Acq: 01 Sep 2022 09:55

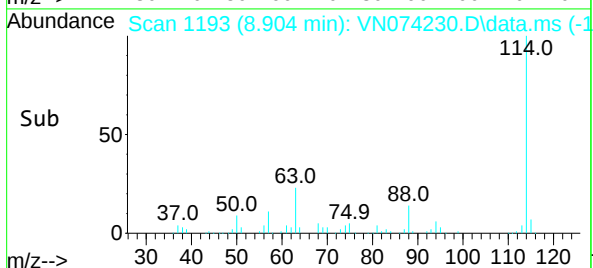
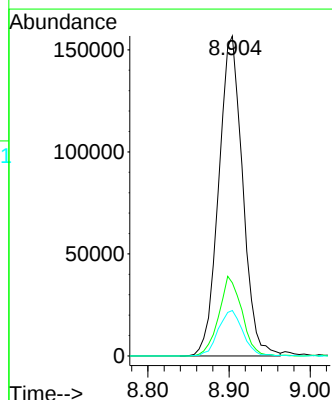
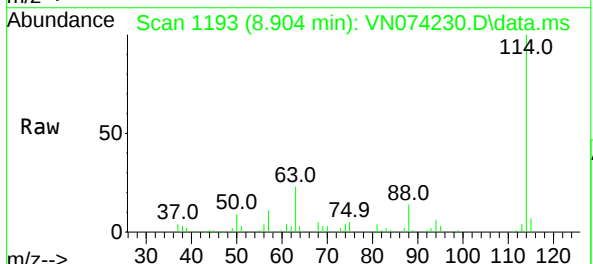
Tgt Ion: 114 Resp: 321355

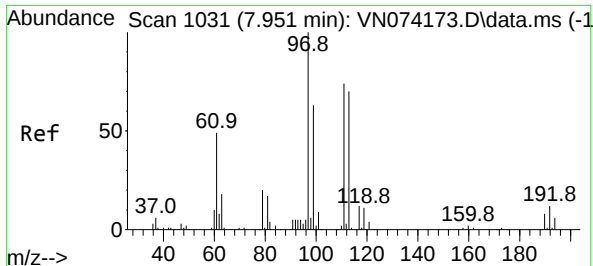
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 14.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.134 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074230.D

Acq: 01 Sep 2022 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0901MBL01

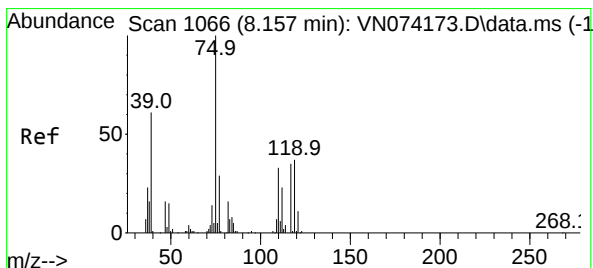
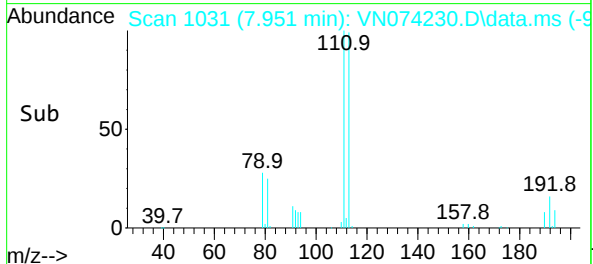
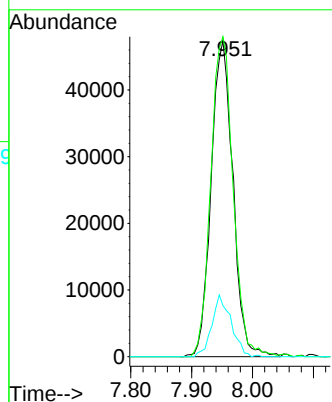
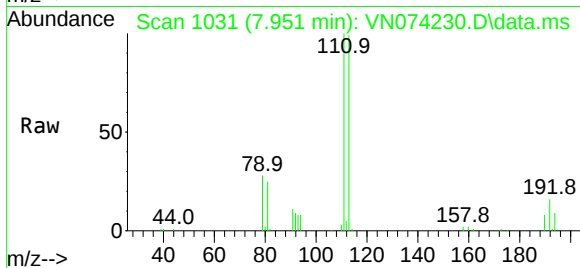
Tgt Ion:113 Resp: 117382

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 17.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.277 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.147 min

Lab File: VN074230.D

Acq: 01 Sep 2022 09:55

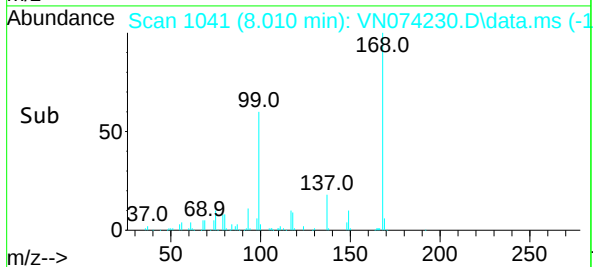
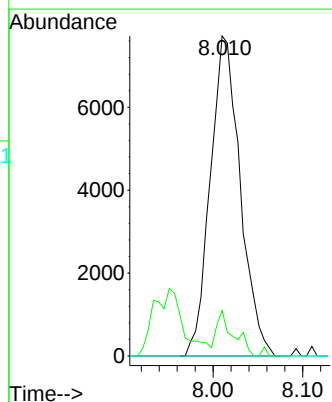
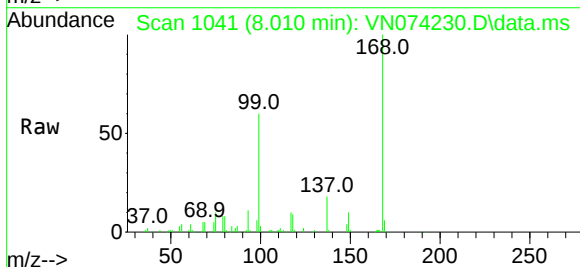
Tgt Ion: 75 Resp: 17904

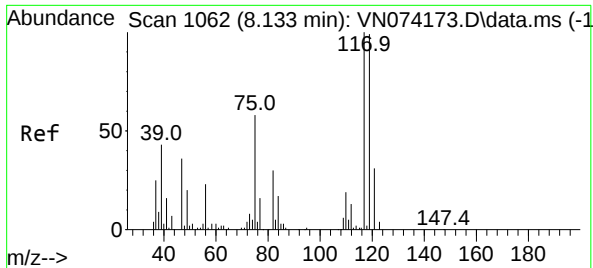
Ion Ratio Lower Upper

75 100

110 7.9 18.3 54.8#

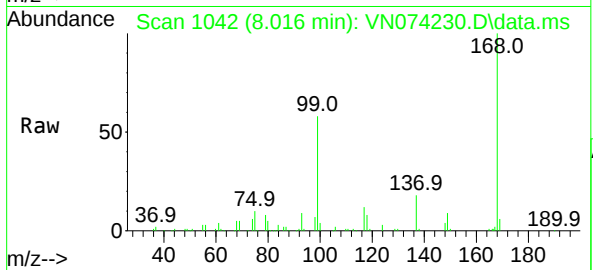
77 0.0 25.1 37.7#



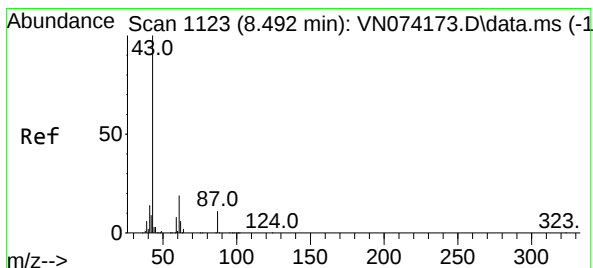
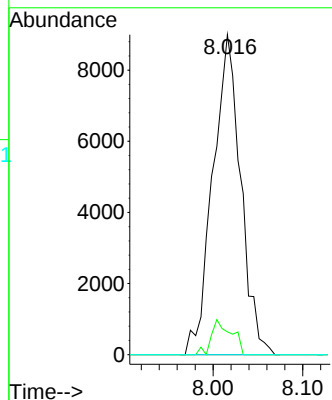
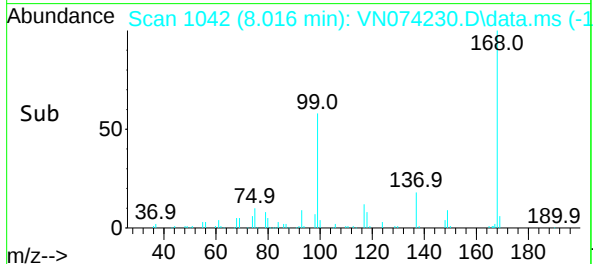


#38
Carbon Tetrachloride
Concen: 6.298 ug/l
RT: 8.016 min Scan# 1148
Delta R.T. -0.117 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

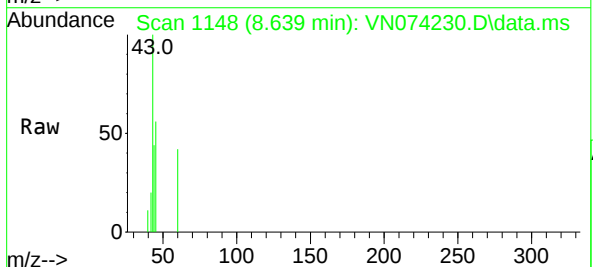
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01



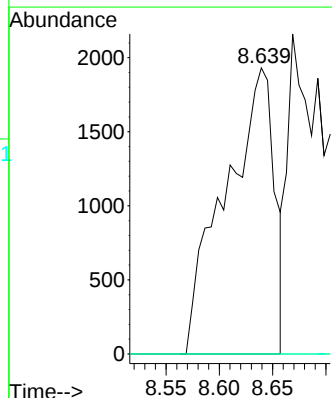
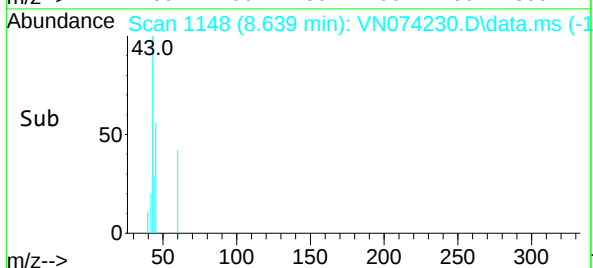
Tgt Ion: 117 Resp: 19409
Ion Ratio Lower Upper
117 100
119 7.1 75.8 113.8#
121 0.0 24.6 37.0#

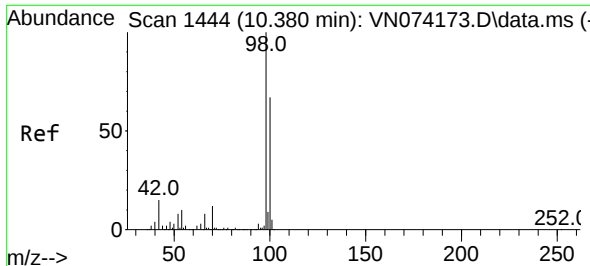


#43
Isopropyl Acetate
Concen: 0.812 ug/l
RT: 8.639 min Scan# 1148
Delta R.T. 0.147 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55



Tgt Ion: 43 Resp: 6196
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

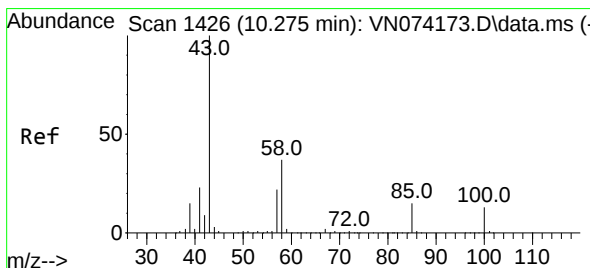
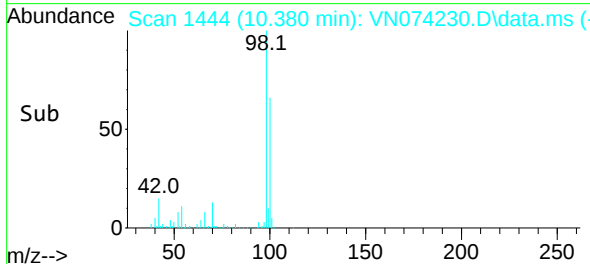
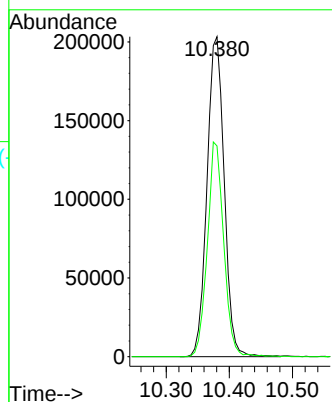
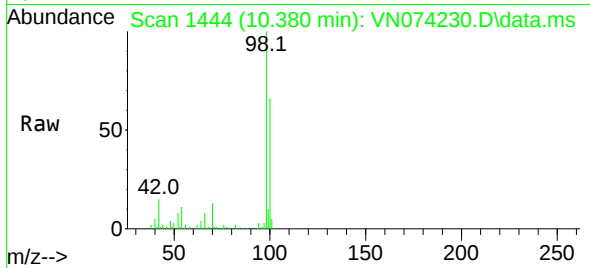




#50
Toluene-d8
Concen: 46.671 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

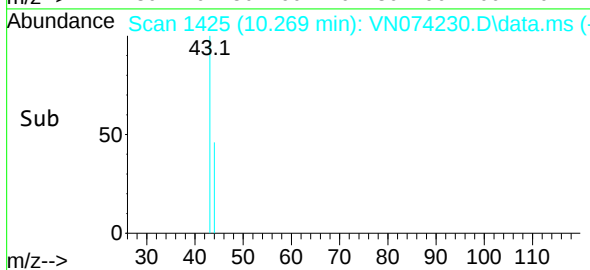
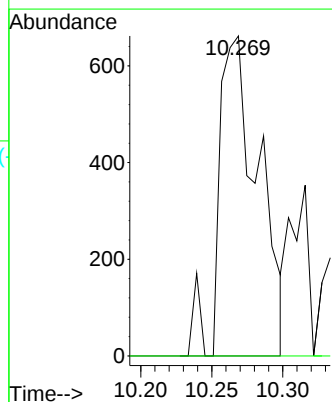
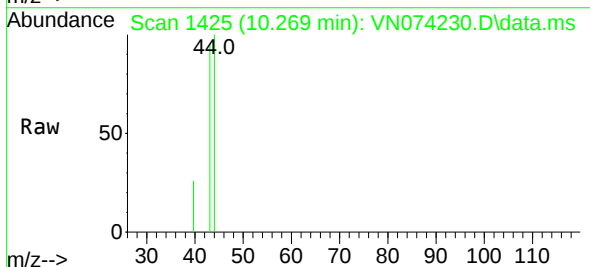
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01

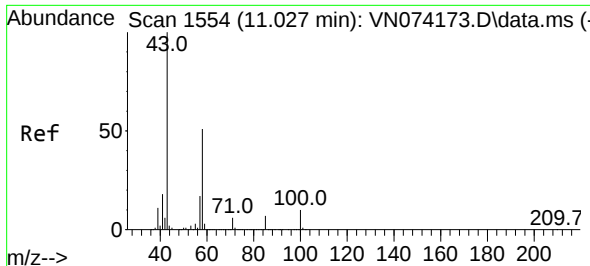
Tgt Ion: 98 Resp: 384339
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.231 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#

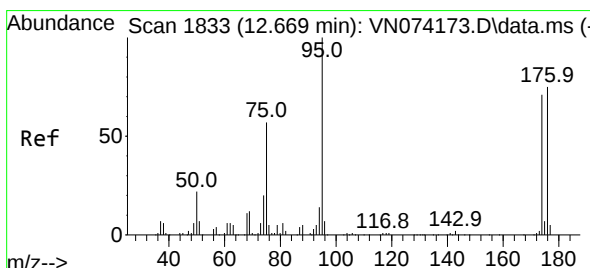
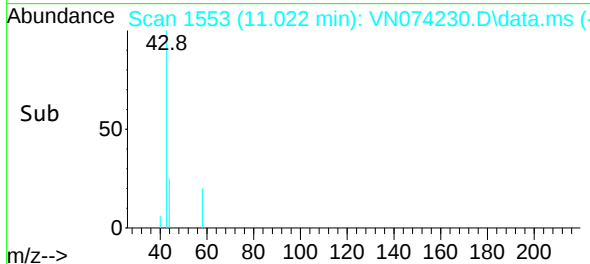
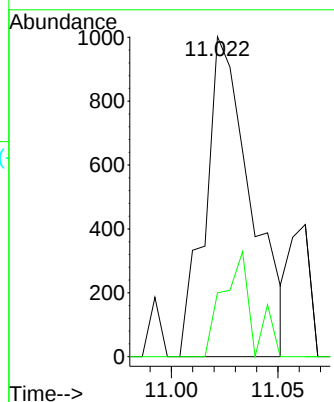
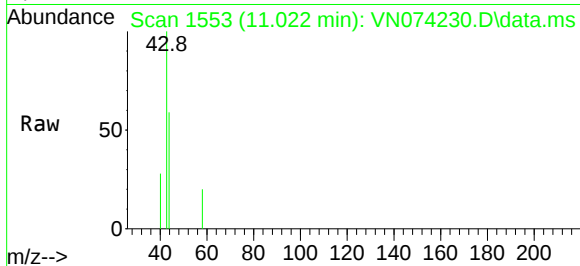




#59
2-Hexanone
Concen: 0.354 ug/l
RT: 11.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

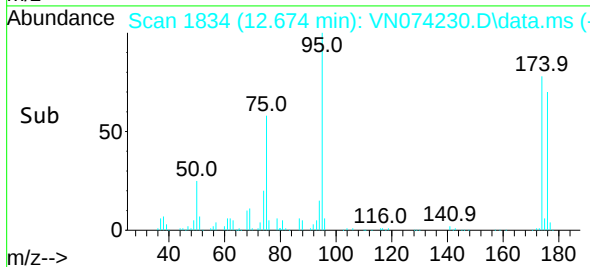
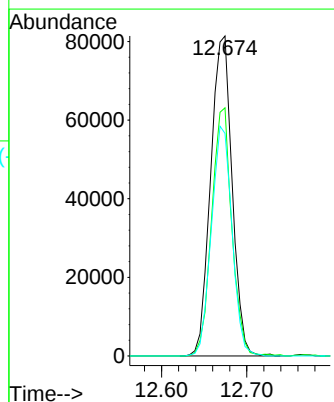
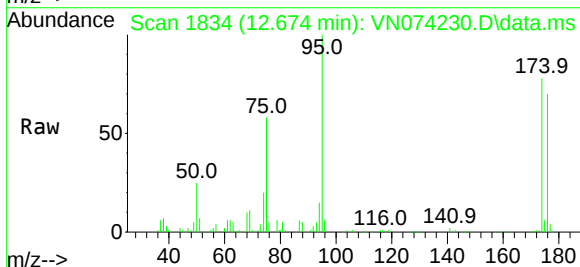
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01

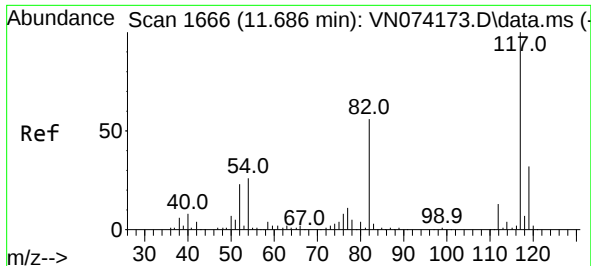
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 21.4 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 56.941 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

Tgt Ion: 95 Resp: 142599
Ion Ratio Lower Upper
95 100
174 73.3 0.0 167.6
176 68.9 0.0 163.4

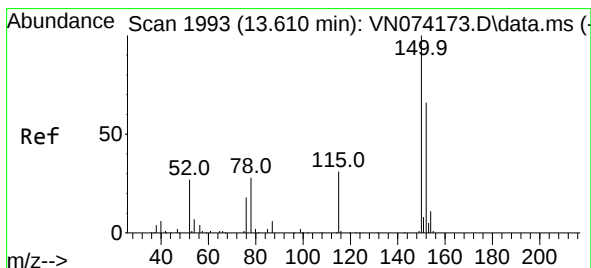
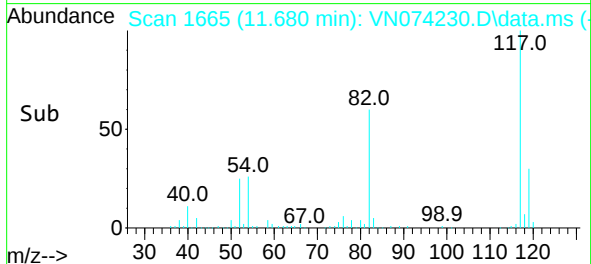
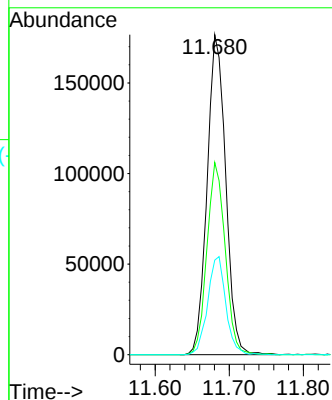
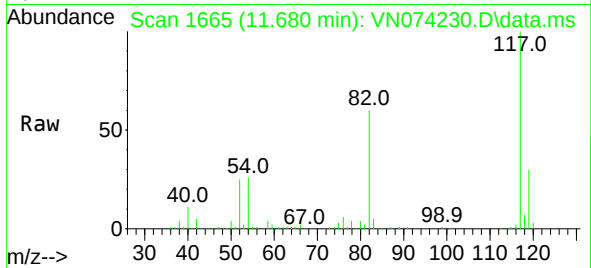




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

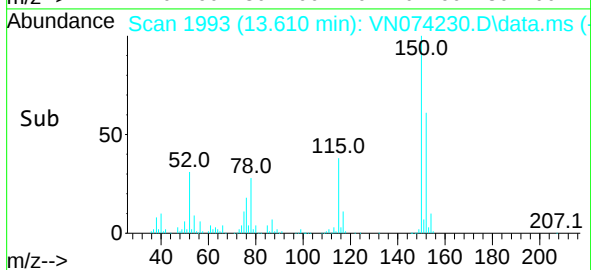
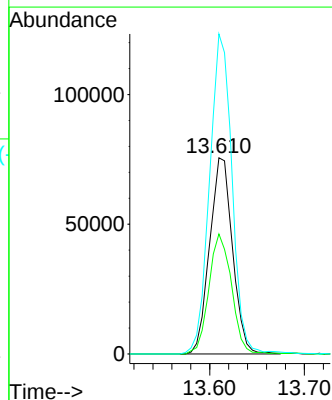
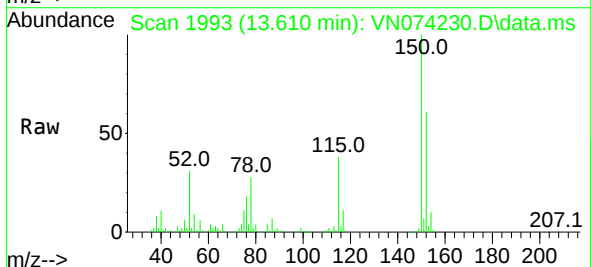
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01

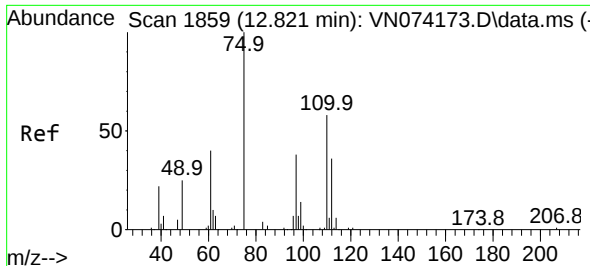
Tgt Ion:117 Resp: 307646
Ion Ratio Lower Upper
117 100
82 60.1 44.2 66.2
119 29.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

Tgt Ion:152 Resp: 127378
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 159.8 0.0 356.2

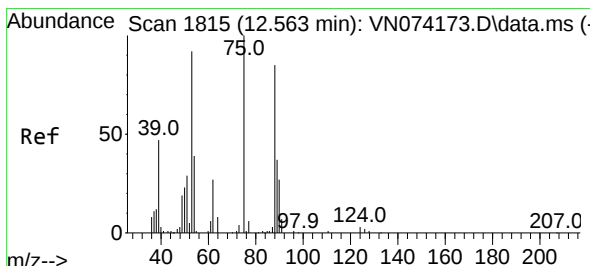
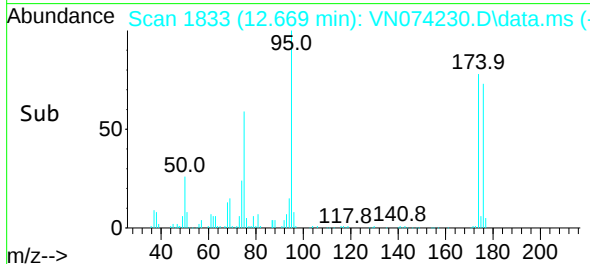
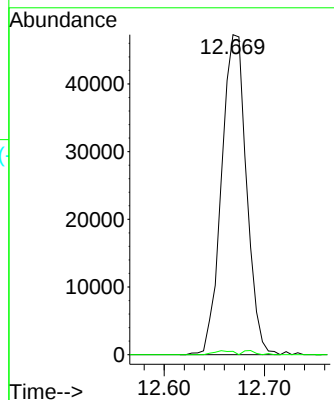
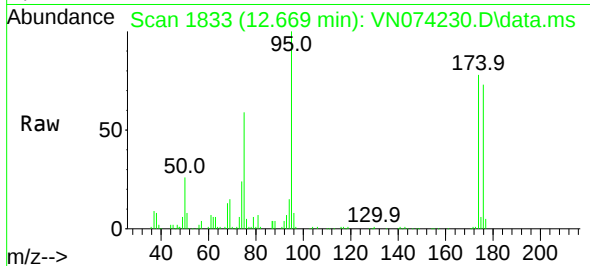




#76
1,2,3-Trichloropropane
Concen: 25.875 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

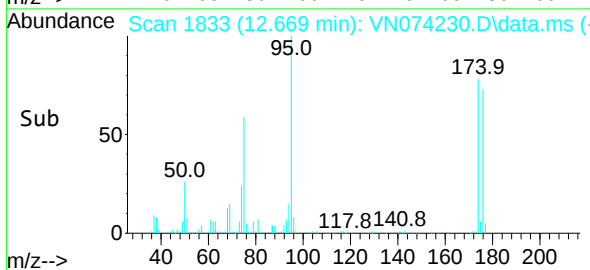
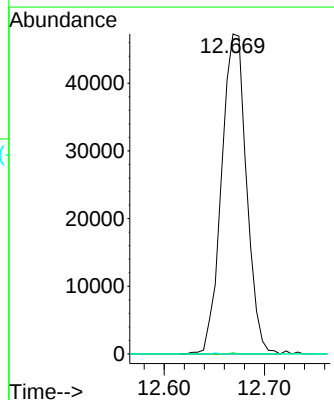
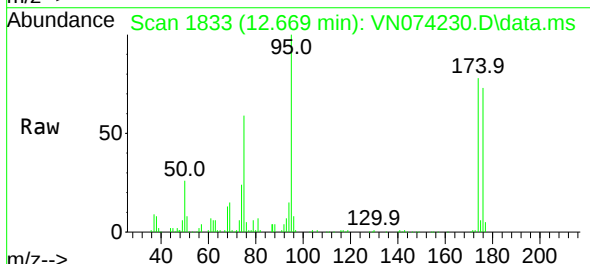
Instrument :
MSVOA_N
ClientSampleId :
VN0901MBL01

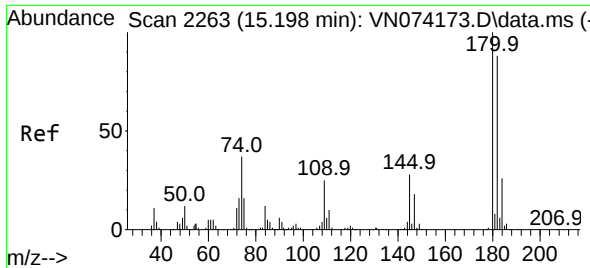
Tgt Ion: 75 Resp: 81681
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.560 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN074230.D
Acq: 01 Sep 2022 09:55

Tgt Ion: 75 Resp: 81681
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

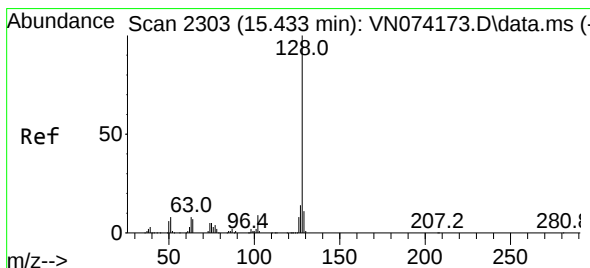
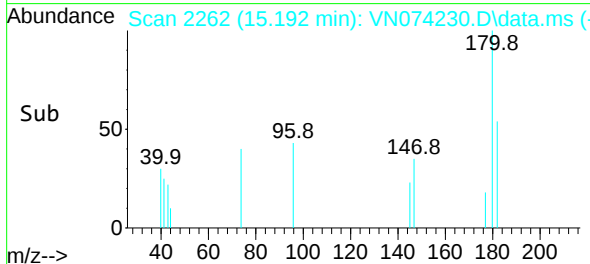
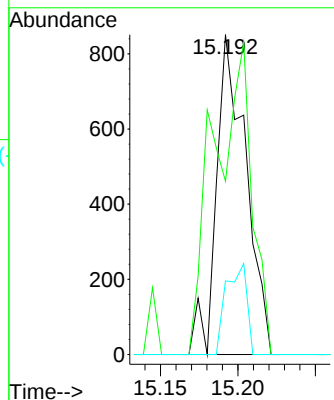
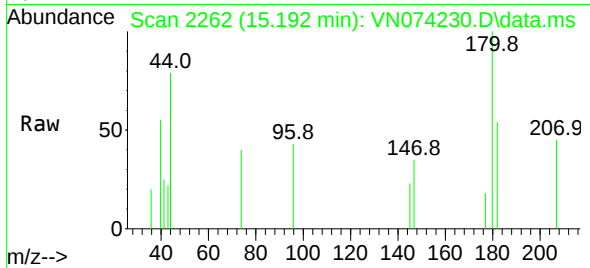




#93
 1,2,4-Trichlorobenzene
 Concen: 0.482 ug/l
 RT: 15.192 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VN074230.D
 Acq: 01 Sep 2022 09:55

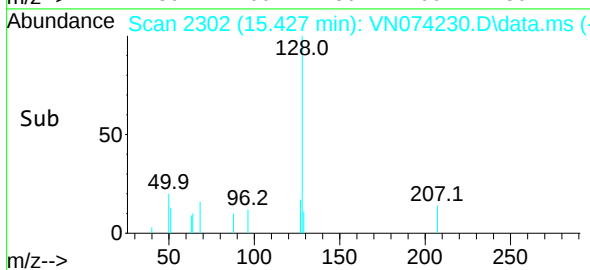
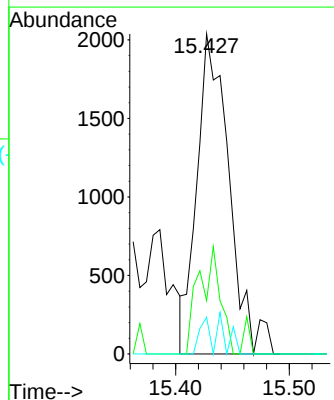
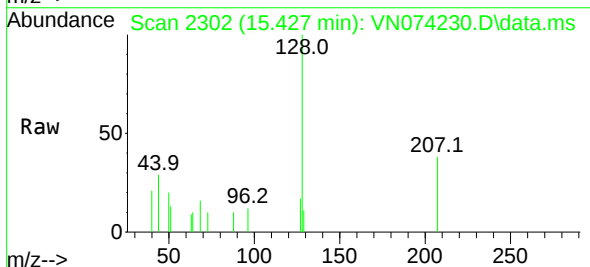
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901MBL01

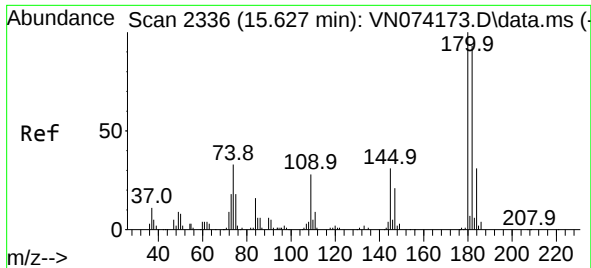
Tgt Ion:180	Resp:	1130
Ion	Ratio	Lower Upper
180	100	
182	124.2	47.5 142.5
145	19.7	14.5 43.5



#95
 Naphthalene
 Concen: 1.556 ug/l
 RT: 15.427 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN074230.D
 Acq: 01 Sep 2022 09:55

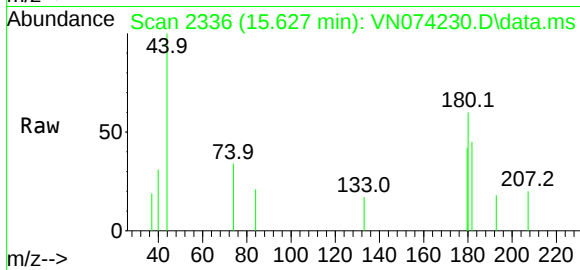
Tgt Ion:128	Resp:	4008
Ion	Ratio	Lower Upper
128	100	
127	11.5	10.3 15.5
129	3.5	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.492 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074230.D
 Acq: 01 Sep 2022 09:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901MBL01



Tgt Ion:	180	Resp:	1195
Ion	Ratio	Lower	Upper
180	100		
182	109.8	47.8	143.3
145	25.9	15.5	46.5

