

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073939.D
 Acq On : 16 Aug 2022 11:07
 Operator : JC\MD
 Sample : VN0816MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBL01

Quant Time: Aug 17 01:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

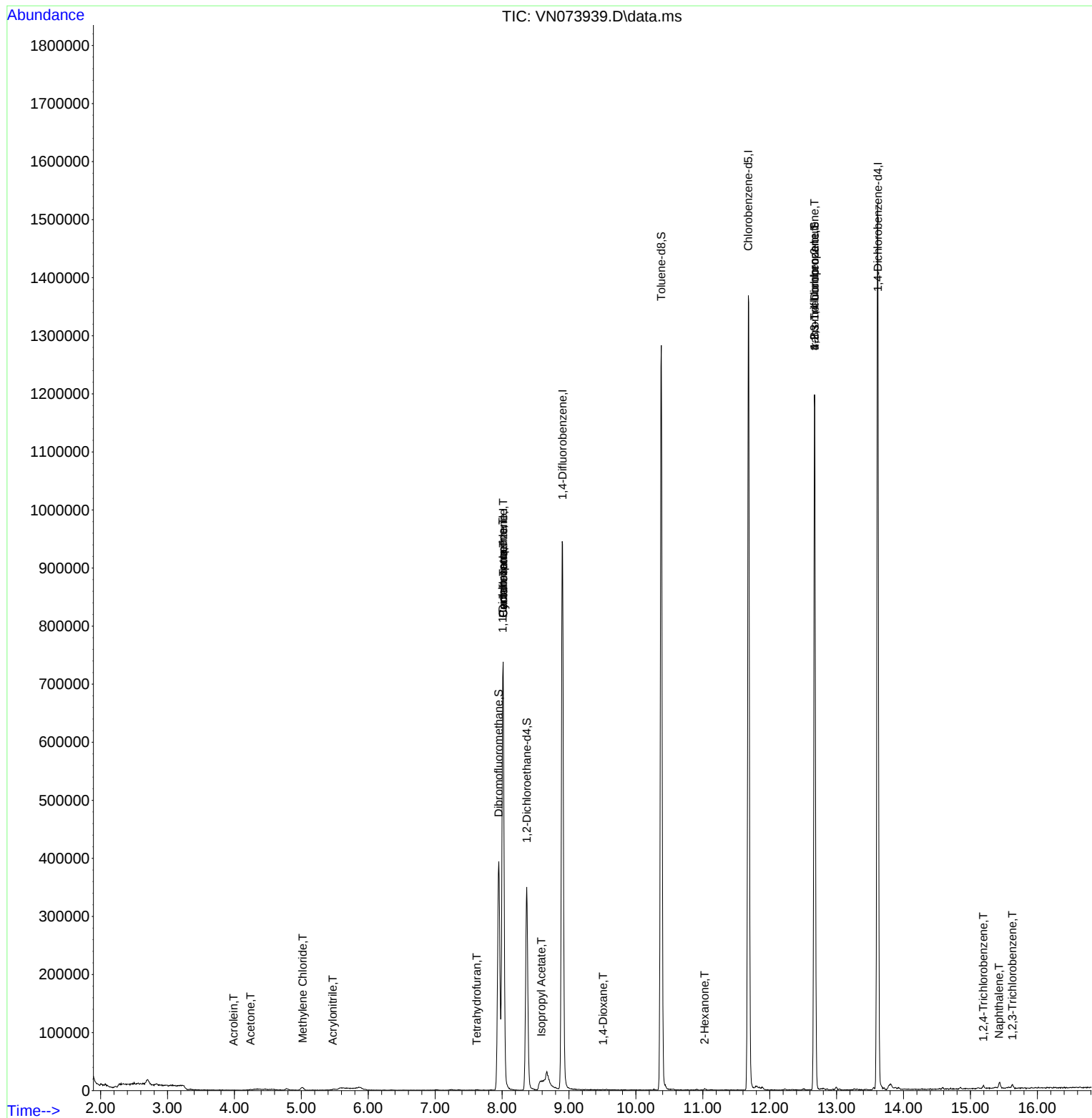
Internal Standards						
1) Pentafluorobenzene	8.016	168	630780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	910951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	859157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	464770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	294267	47.897	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.800%		
35) Dibromofluoromethane	7.951	113	289010	53.647	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.300%		
50) Toluene-d8	10.380	98	943862	45.238	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.480%		
62) 4-Bromofluorobenzene	12.669	95	388570	56.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.240%		
Target Compounds					Qvalue	
13) Acrolein	3.987	56	297	0.309	ug/l #	50
15) Acrylonitrile	5.469	53	717	0.214	ug/l #	71
16) Acetone	4.240	43	1157	0.399	ug/l #	42
18) Methyl Acetate	4.775	43	5478	Below Cal		93
20) Methylene Chloride	5.022	84	3933	0.643	ug/l #	90
29) Tetrahydrofuran	7.622	42	757	0.257	ug/l #	56
31) Cyclohexane	8.016	56	9784	1.142	ug/l #	1
36) 1,1-Dichloropropene	8.010	75	39439	5.271	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53672	6.275	ug/l #	16
43) Isopropyl Acetate	8.586	43	18129	1.404	ug/l #	53
49) 1,4-Dioxane	9.510	88	55	0.335	ug/l #	1
59) 2-Hexanone	11.027	43	2027	0.302	ug/l	65
76) 1,2,3-Trichloropropane	12.669	75	192726	19.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	192726	56.743	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.192	180	2445	0.245	ug/l	92
95) Naphthalene	15.427	128	11130	0.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	2993	0.290	ug/l	90

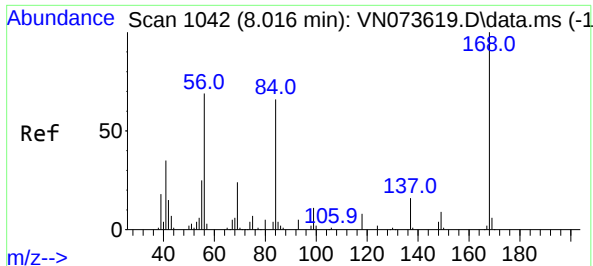
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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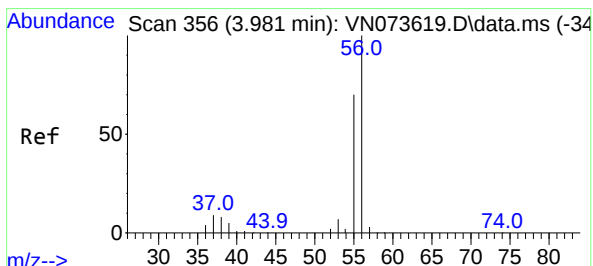
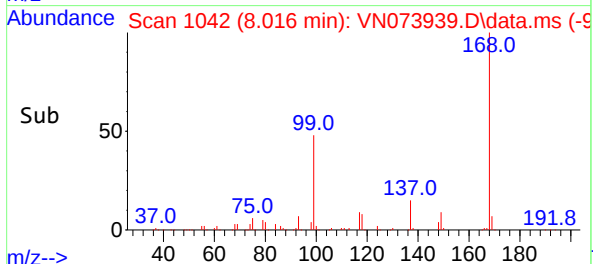
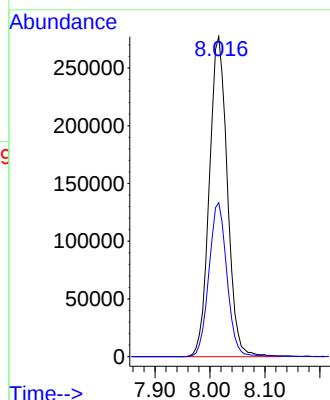
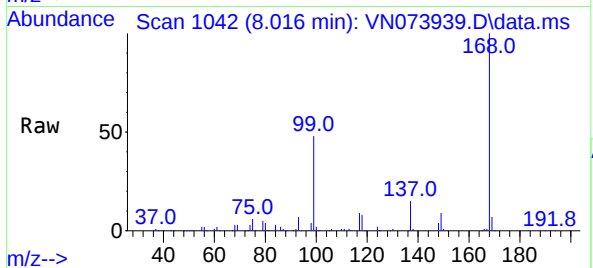




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

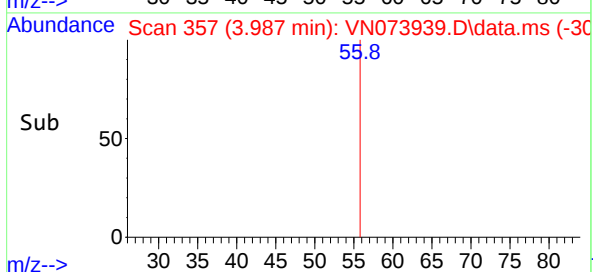
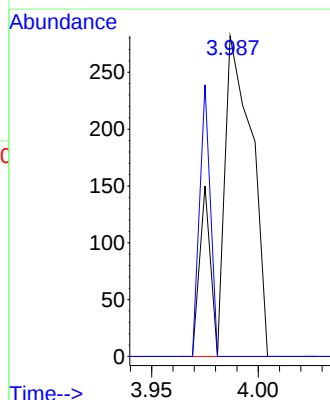
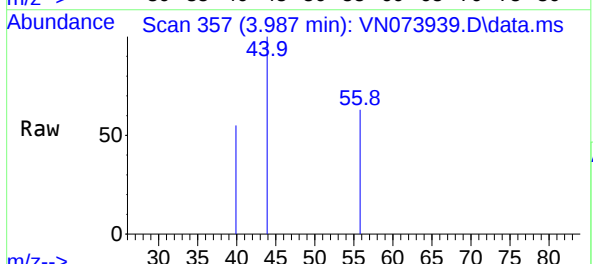
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

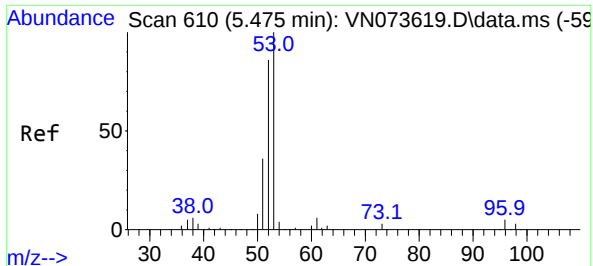
Tgt Ion:168 Resp: 630780
Ion Ratio Lower Upper
168 100
99 48.1 42.3 63.5



#13
Acrolein
Concen: 0.309 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Tgt Ion: 56 Resp: 297
Ion Ratio Lower Upper
56 100
55 28.3 54.8 82.2#

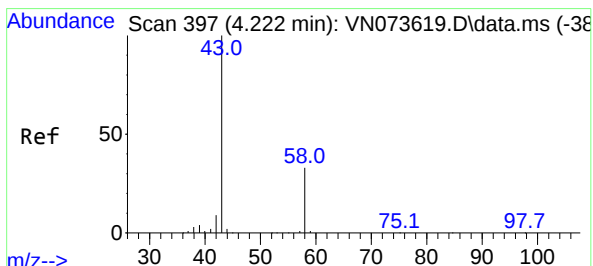
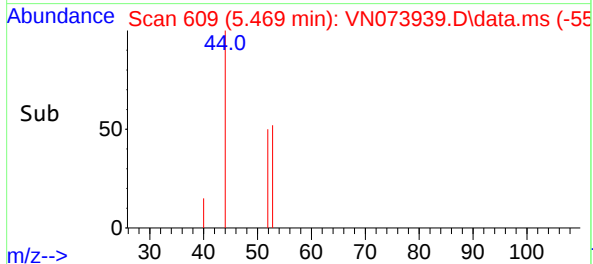
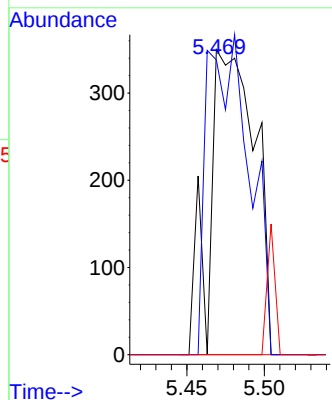
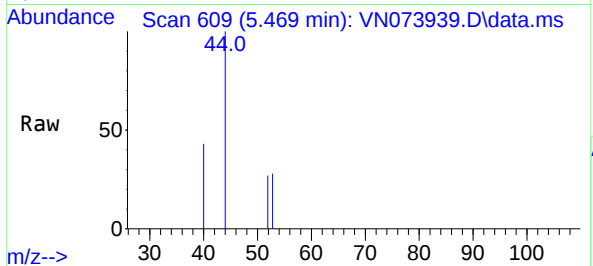




#15
Acrylonitrile
Concen: 0.214 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

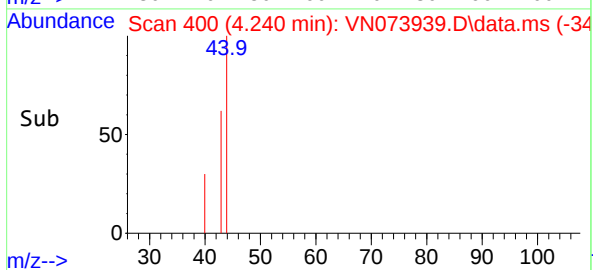
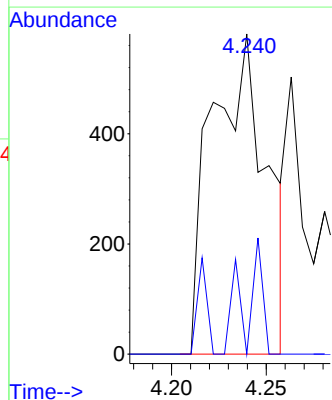
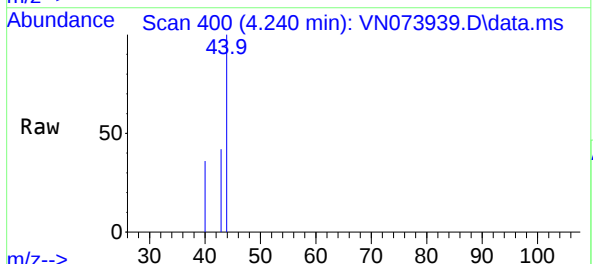
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

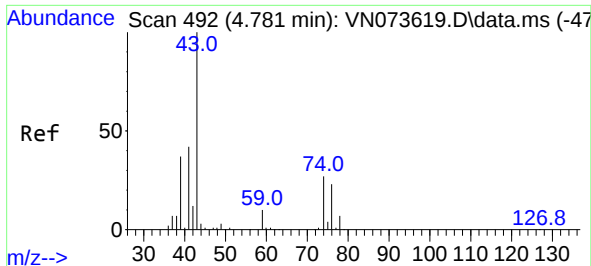
Tgt Ion: 53 Resp: 717
Ion Ratio Lower Upper
53 100
52 96.9 66.4 99.6
51 0.0 28.5 42.7#



#16
Acetone
Concen: 0.399 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.775 min Scan# 491

Delta R.T. -0.006 min

Lab File: VN073939.D

Acq: 16 Aug 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

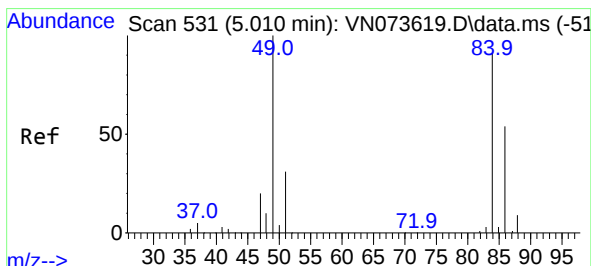
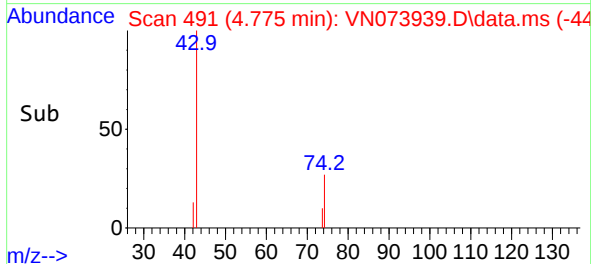
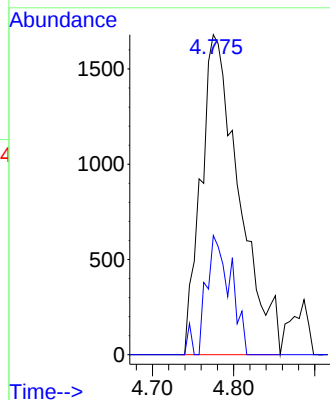
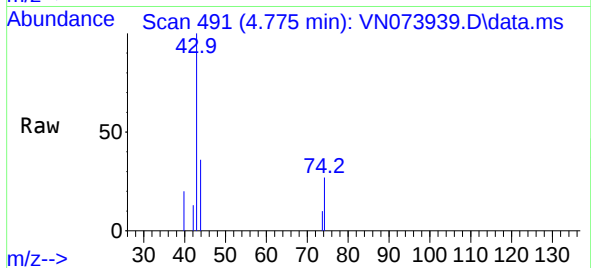
VN0816MBL01

Tgt Ion: 43 Resp: 5478

Ion Ratio Lower Upper

43 100

74 23.2 21.6 32.4



#20

Methylene Chloride

Concen: 0.643 ug/l

RT: 5.022 min Scan# 533

Delta R.T. 0.012 min

Lab File: VN073939.D

Acq: 16 Aug 2022 11:07

Tgt Ion: 84 Resp: 3933

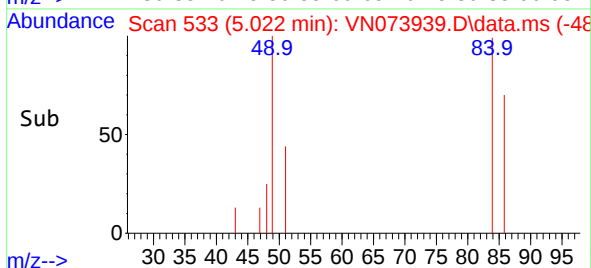
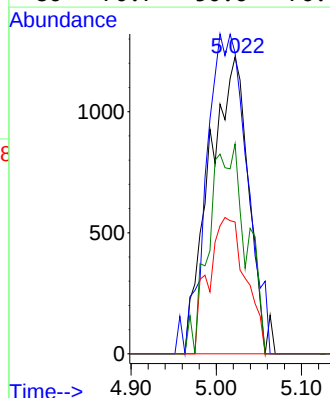
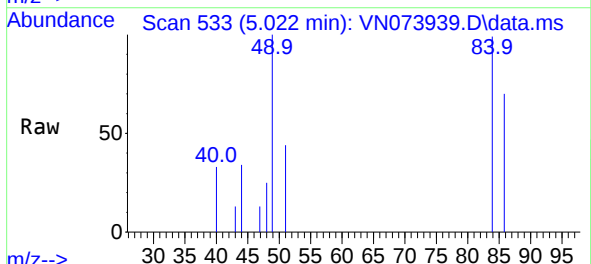
Ion Ratio Lower Upper

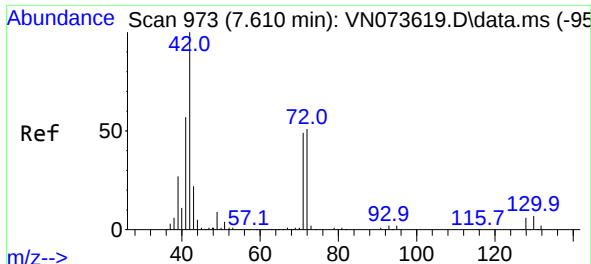
84 100

49 101.5 88.3 132.5

51 44.5 28.2 42.2#

86 70.7 50.6 76.0





#29

Tetrahydrofuran

Concen: 0.257 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073939.D

Acq: 16 Aug 2022 11:07

Instrument :

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ClientSampleId :

VN0816MBL01

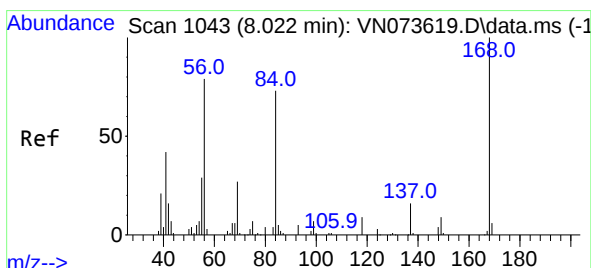
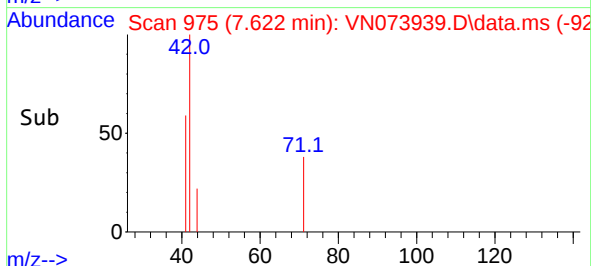
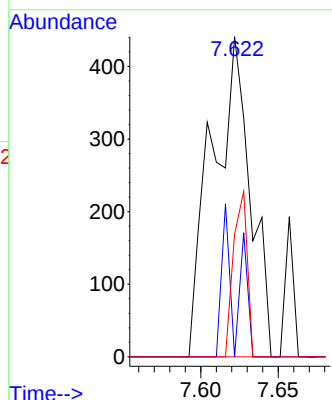
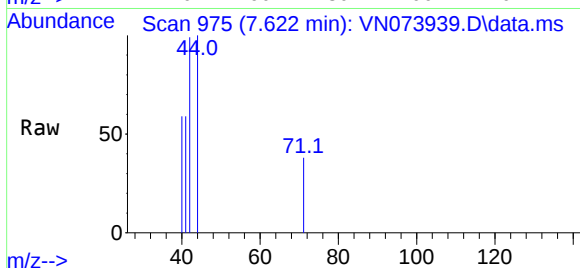
Tgt Ion: 42 Resp: 757

Ion Ratio Lower Upper

42 100

72 17.8 39.7 59.5#

71 18.5 36.6 55.0#



#31

Cyclohexane

Concen: 1.142 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073939.D

Acq: 16 Aug 2022 11:07

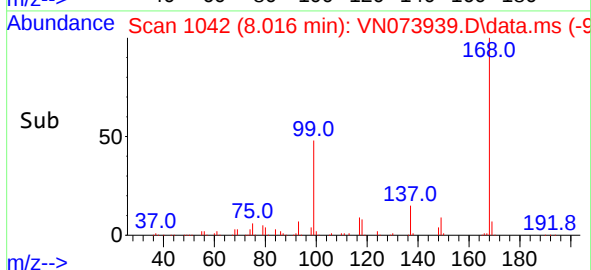
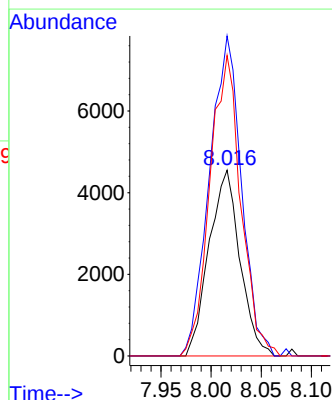
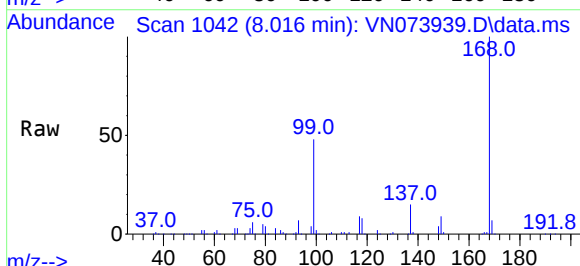
Tgt Ion: 56 Resp: 9784

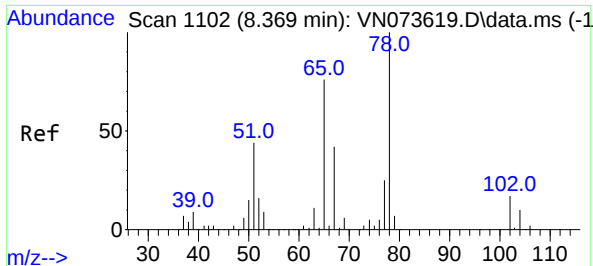
Ion Ratio Lower Upper

56 100

69 172.3 27.8 41.8#

84 161.8 76.9 115.3#

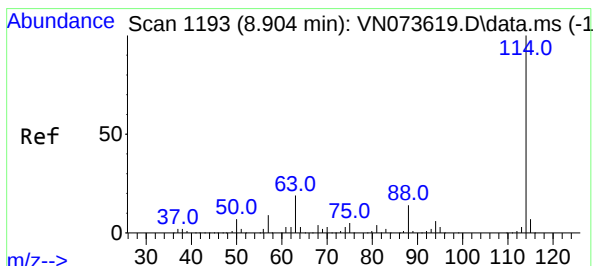
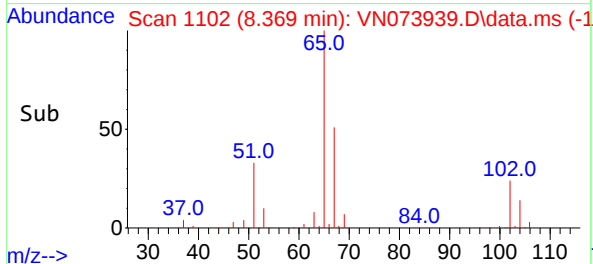
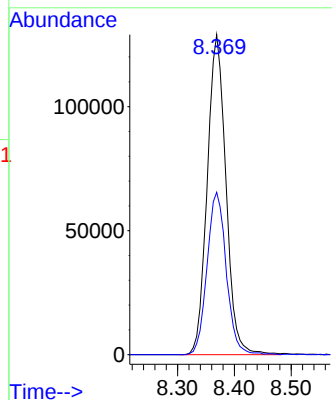
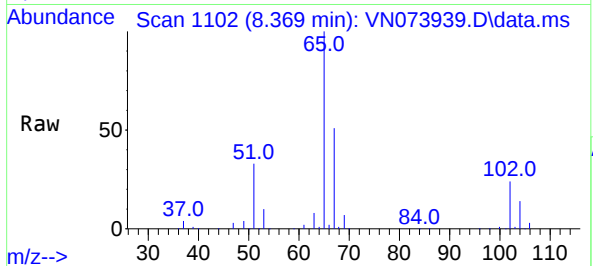




#33
1,2-Dichloroethane-d4
Concen: 47.897 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

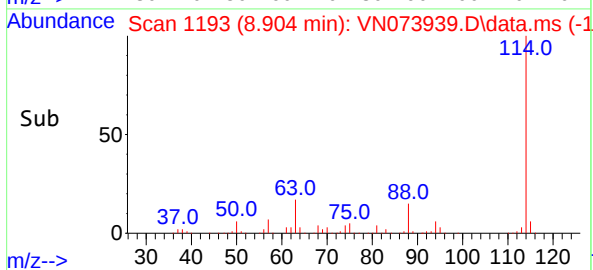
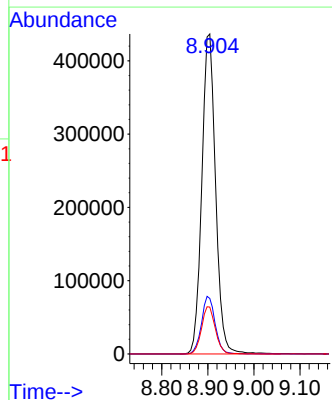
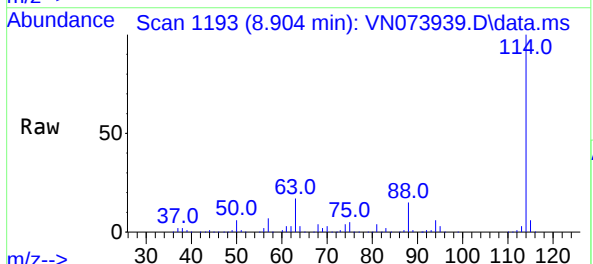
Instrument :
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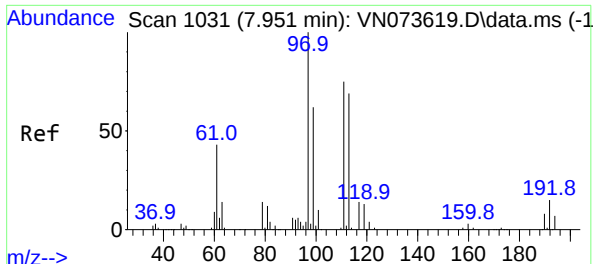
Tgt Ion: 65 Resp: 294267
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Tgt Ion: 114 Resp: 910951
Ion Ratio Lower Upper
114 100
63 17.4 0.0 40.0
88 14.7 0.0 32.6

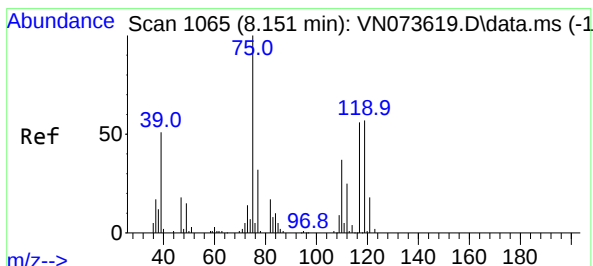
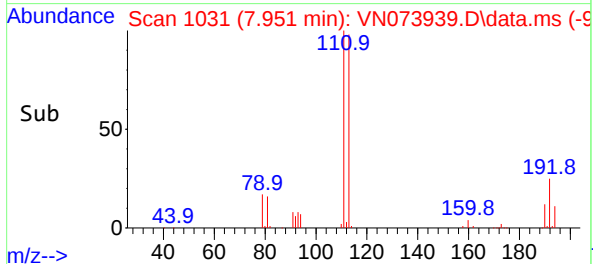
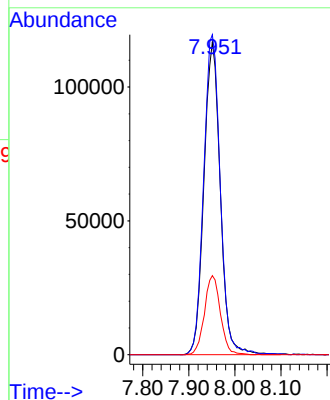
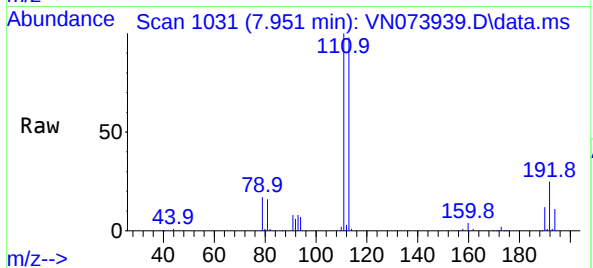




#35
Dibromofluoromethane
Concen: 53.647 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

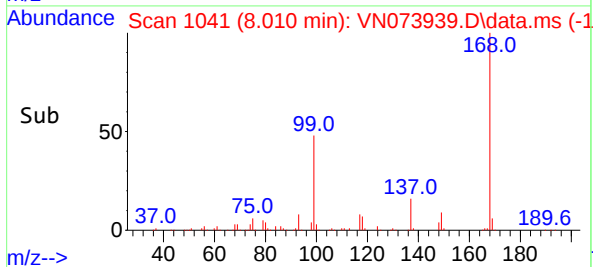
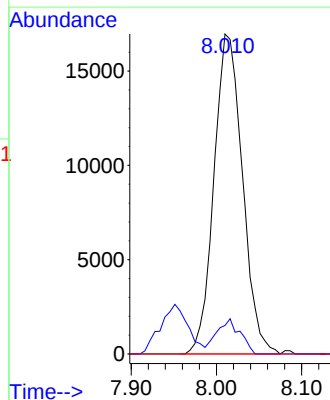
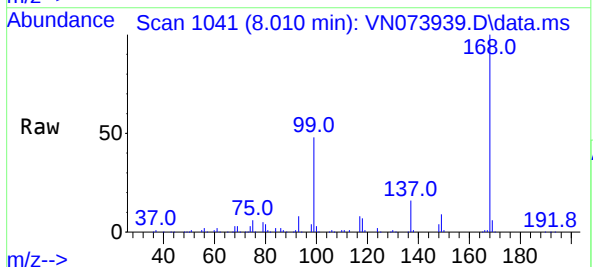
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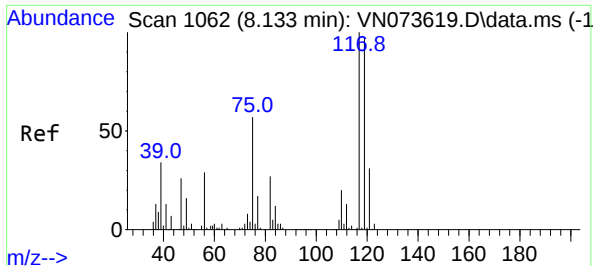
Tgt Ion:113 Resp: 289010
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 24.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.271 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

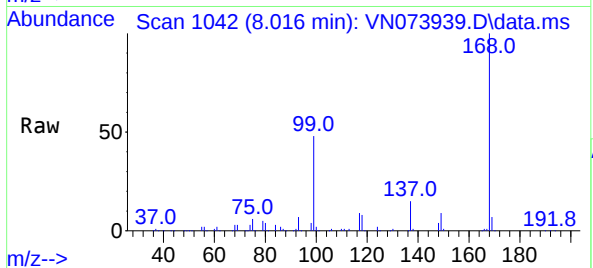
Tgt Ion: 75 Resp: 39439
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#



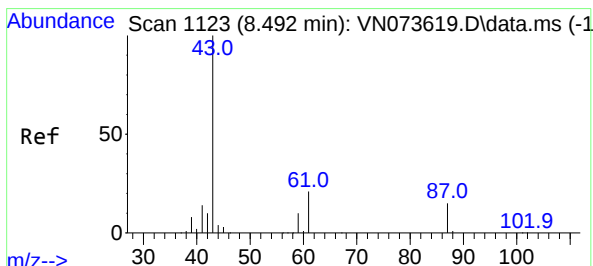
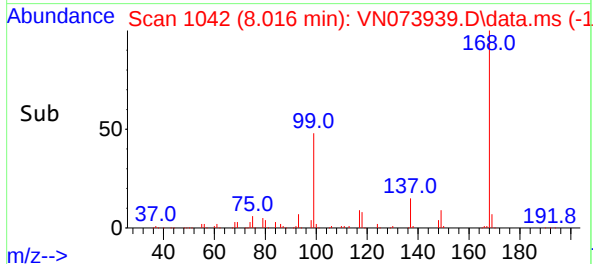
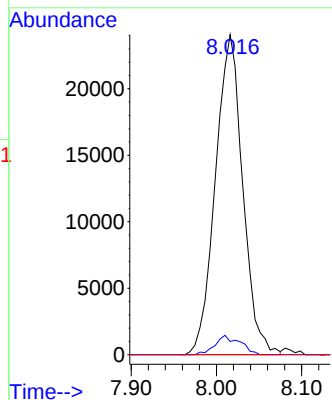


#38
Carbon Tetrachloride
Concen: 6.275 ug/l
RT: 8.016 min Scan# 1107
Delta R.T. -0.117 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

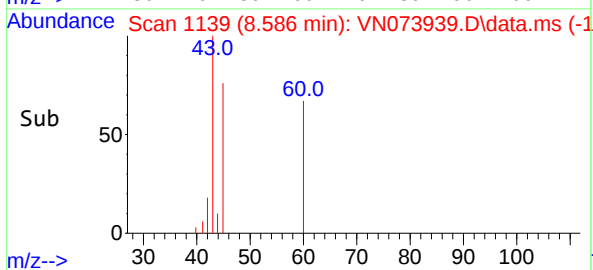
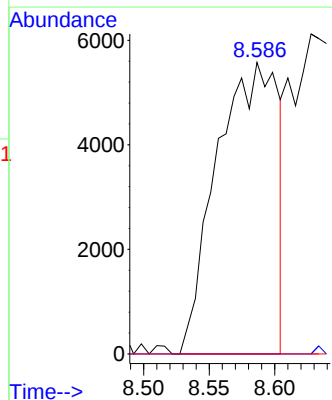
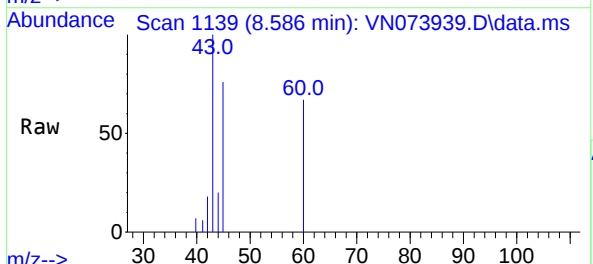


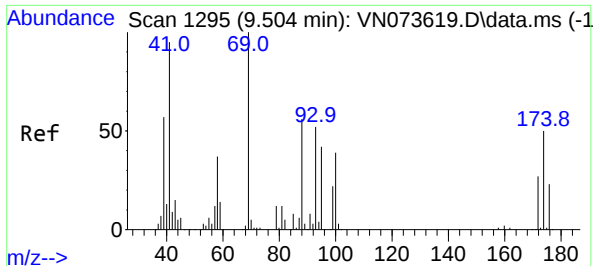
Tgt Ion:117 Resp: 53672
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.404 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.094 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Tgt Ion: 43 Resp: 18129
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

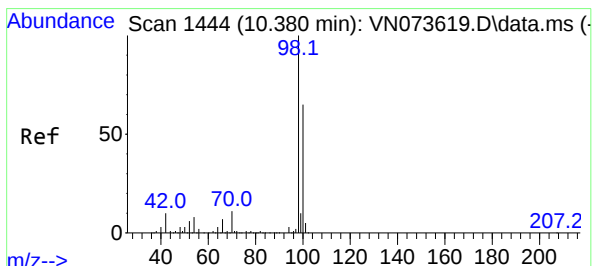
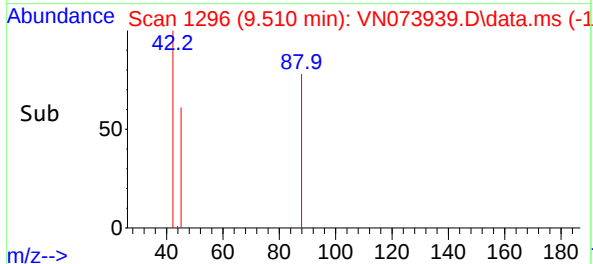
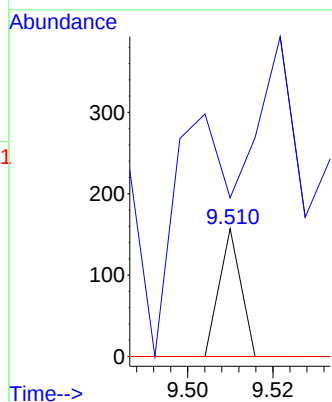
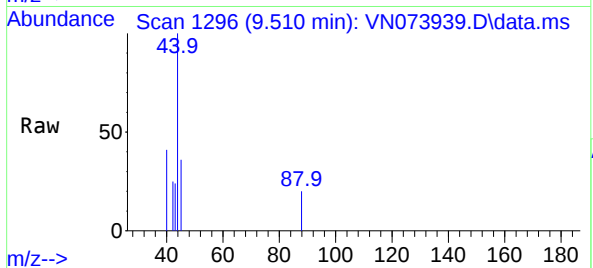




#49
1,4-Dioxane
Concen: 0.335 ug/l
RT: 9.510 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

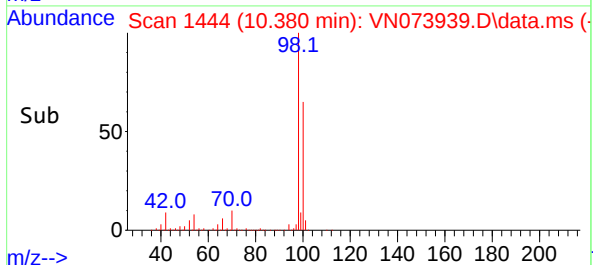
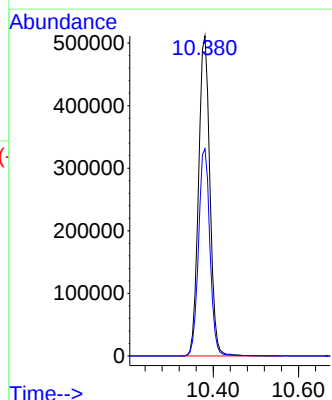
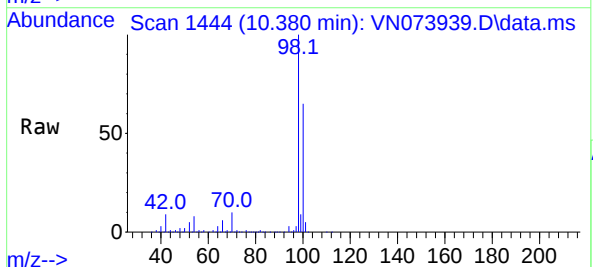
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

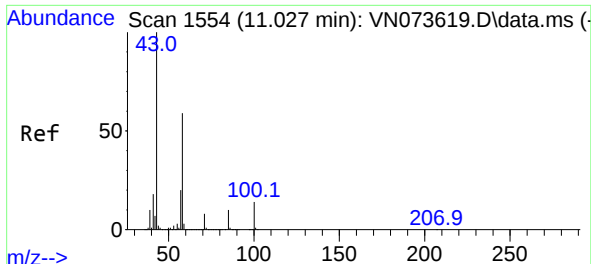
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 489.1 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 45.238 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Tgt Ion: 98 Resp: 943862
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

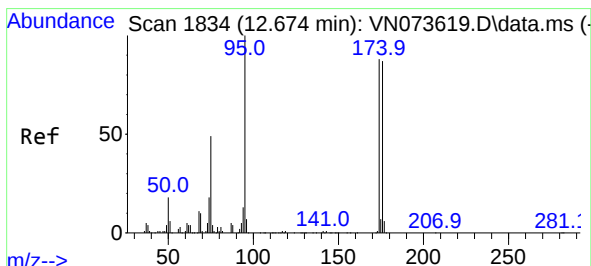
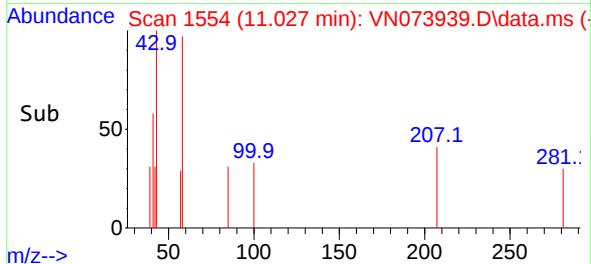
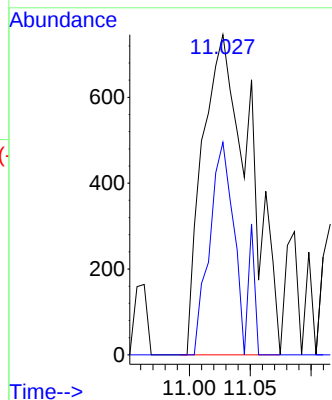
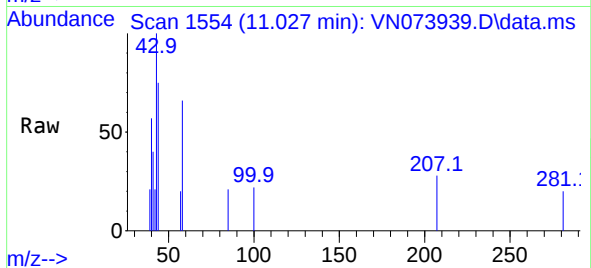




#59
2-Hexanone
Concen: 0.302 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

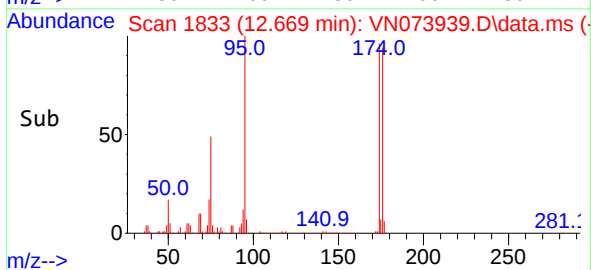
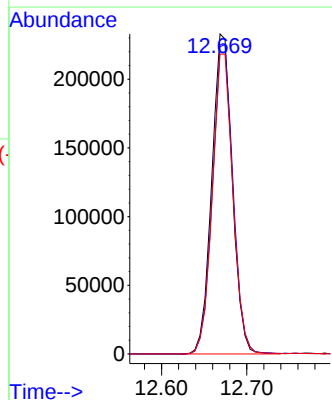
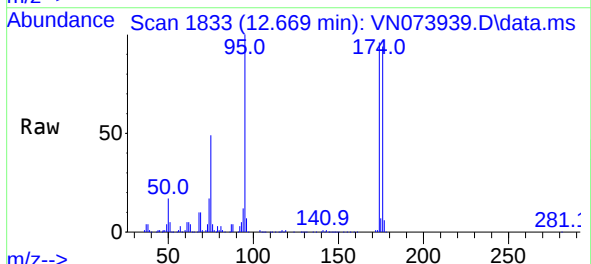
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

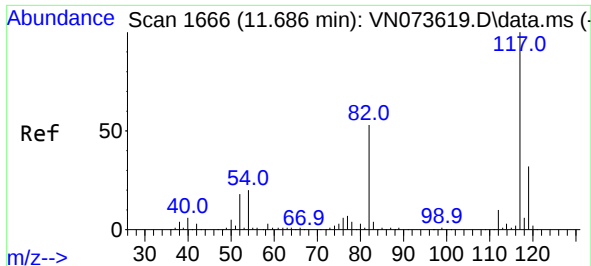
Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 33.2 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 56.115 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Tgt Ion: 95 Resp: 388570
Ion Ratio Lower Upper
95 100
174 96.9 0.0 167.6
176 93.9 0.0 163.4

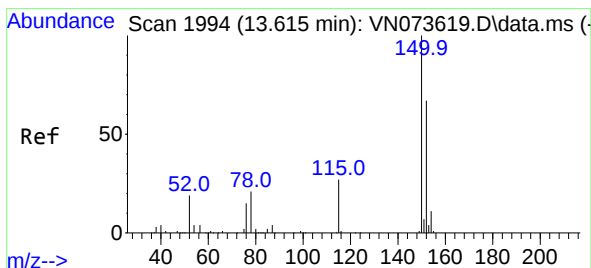
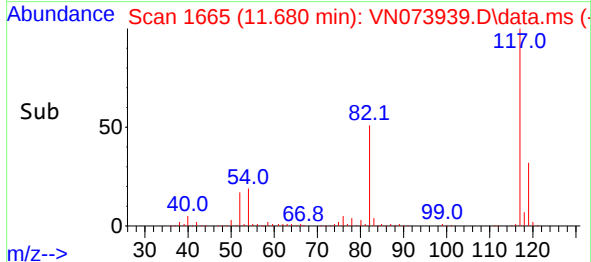
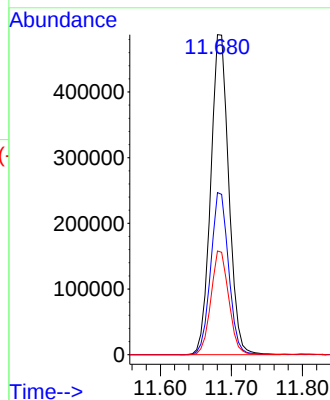
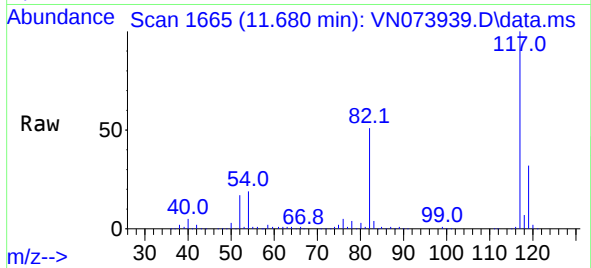




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

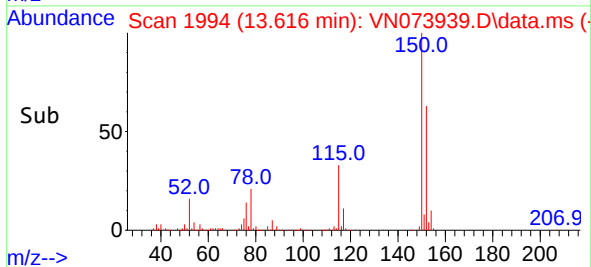
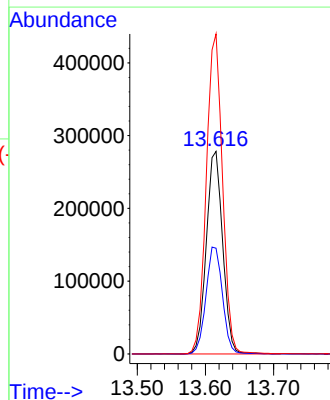
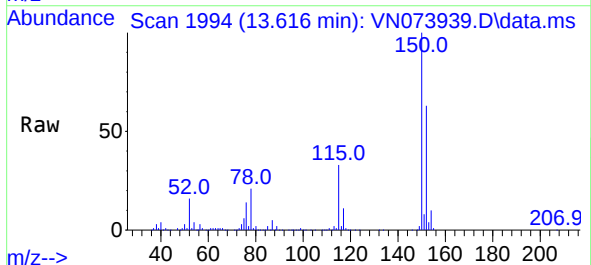
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

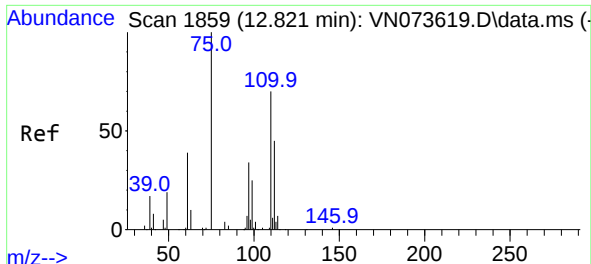
Tgt Ion:117 Resp: 859157
Ion Ratio Lower Upper
117 100
82 50.6 44.2 66.2
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Tgt Ion:152 Resp: 464770
Ion Ratio Lower Upper
152 100
115 53.4 28.9 86.7
150 156.5 0.0 356.2

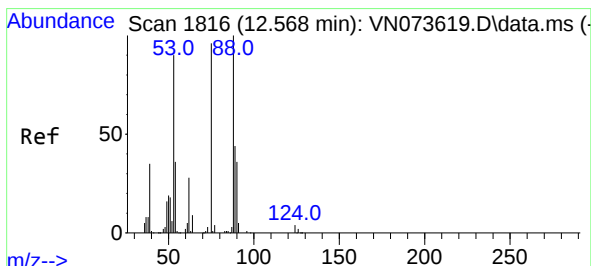
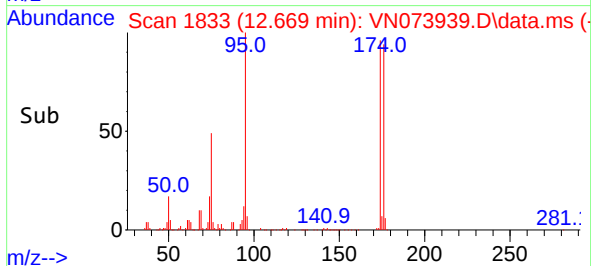
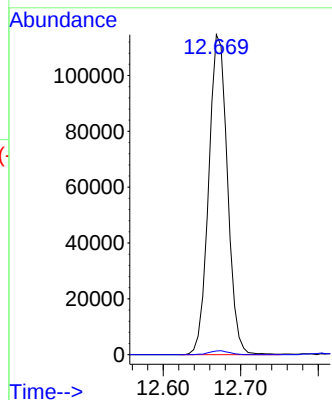
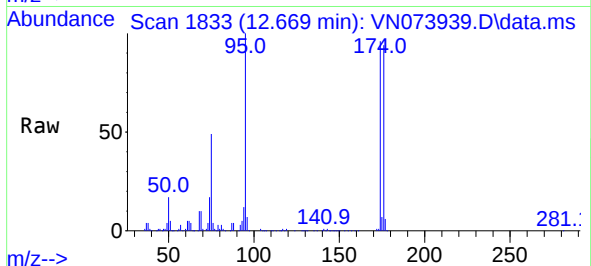




#76
1,2,3-Trichloropropane
Concen: 19.951 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

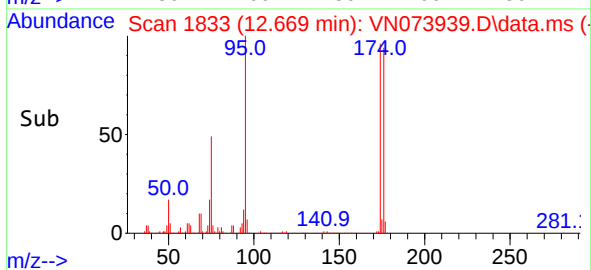
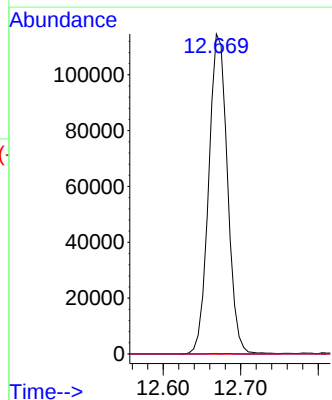
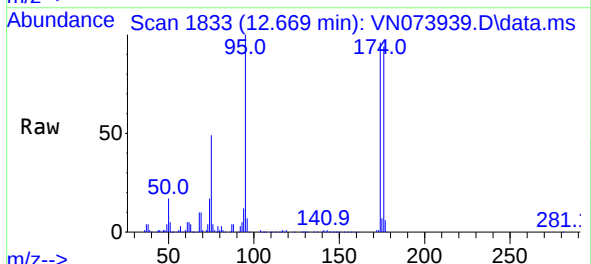
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

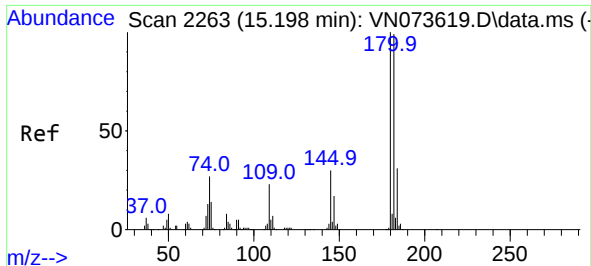
Tgt Ion: 75 Resp: 192726
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.743 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.101 min
Lab File: VN073939.D
Acq: 16 Aug 2022 11:07

Tgt Ion: 75 Resp: 192726
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.245 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN073939.D

Acq: 16 Aug 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBL01

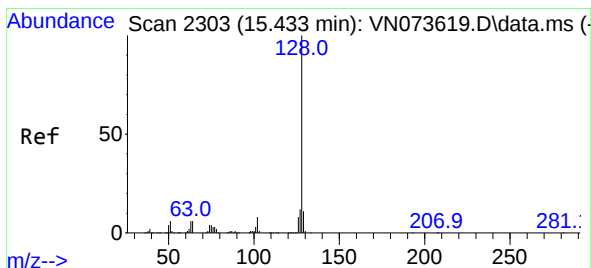
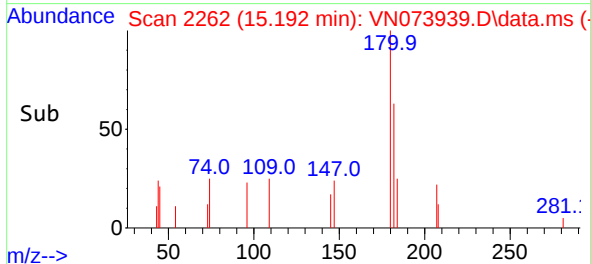
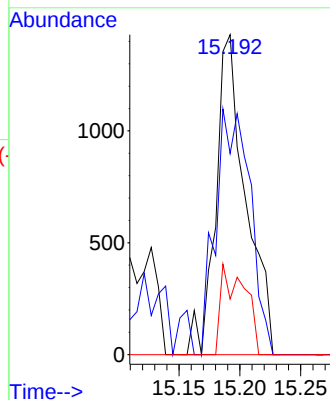
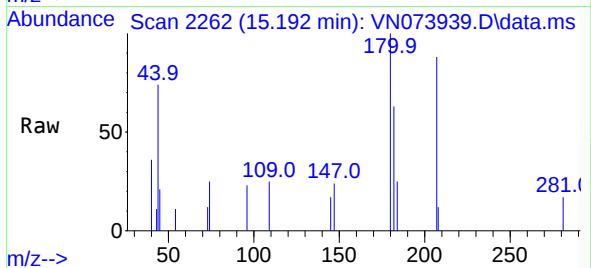
Tgt Ion:180 Resp: 2445

Ion Ratio Lower Upper

180 100

182 88.3 47.5 142.5

145 22.5 14.5 43.5



#95

Naphthalene

Concen: 0.342 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN073939.D

Acq: 16 Aug 2022 11:07

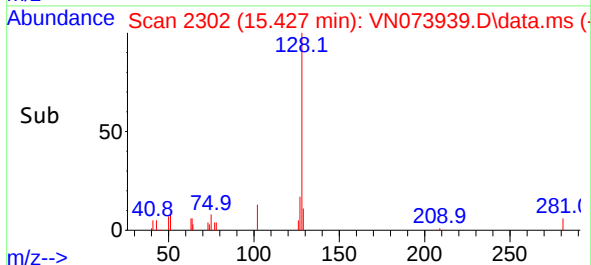
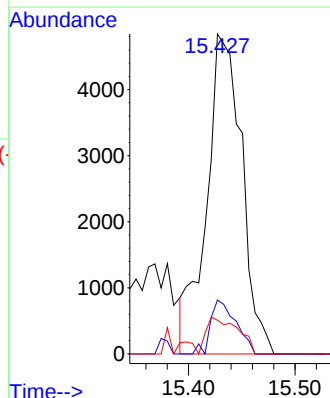
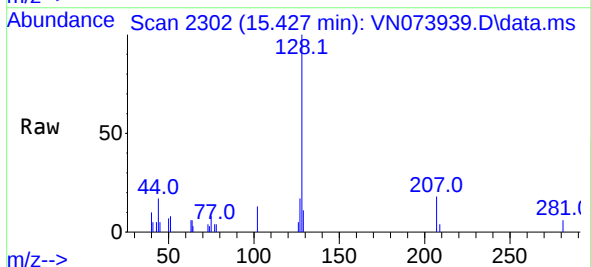
Tgt Ion:128 Resp: 11130

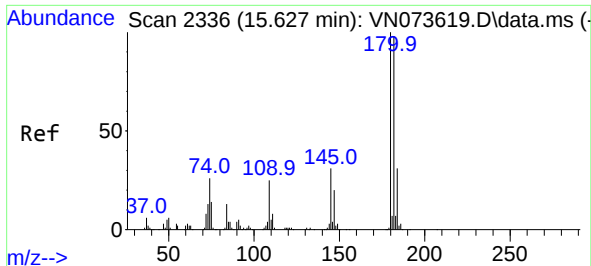
Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

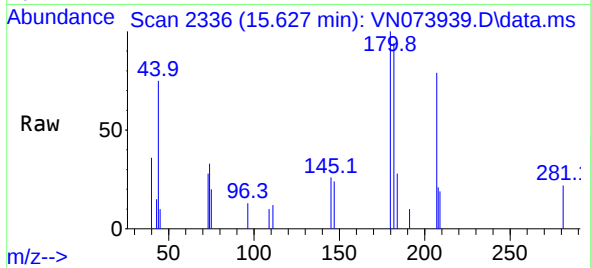
129 10.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.290 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073939.D
 Acq: 16 Aug 2022 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBL01



Tgt Ion:	180	Resp:	2993
Ion	Ratio	Lower	Upper
180	100		
182	101.2	47.8	143.3
145	19.2	15.5	46.5

