

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071729.D
 Acq On : 01 Apr 2022 02:02
 Operator : JC\MD
 Sample : N2200-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB032822

Quant Time: Apr 01 06:04:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

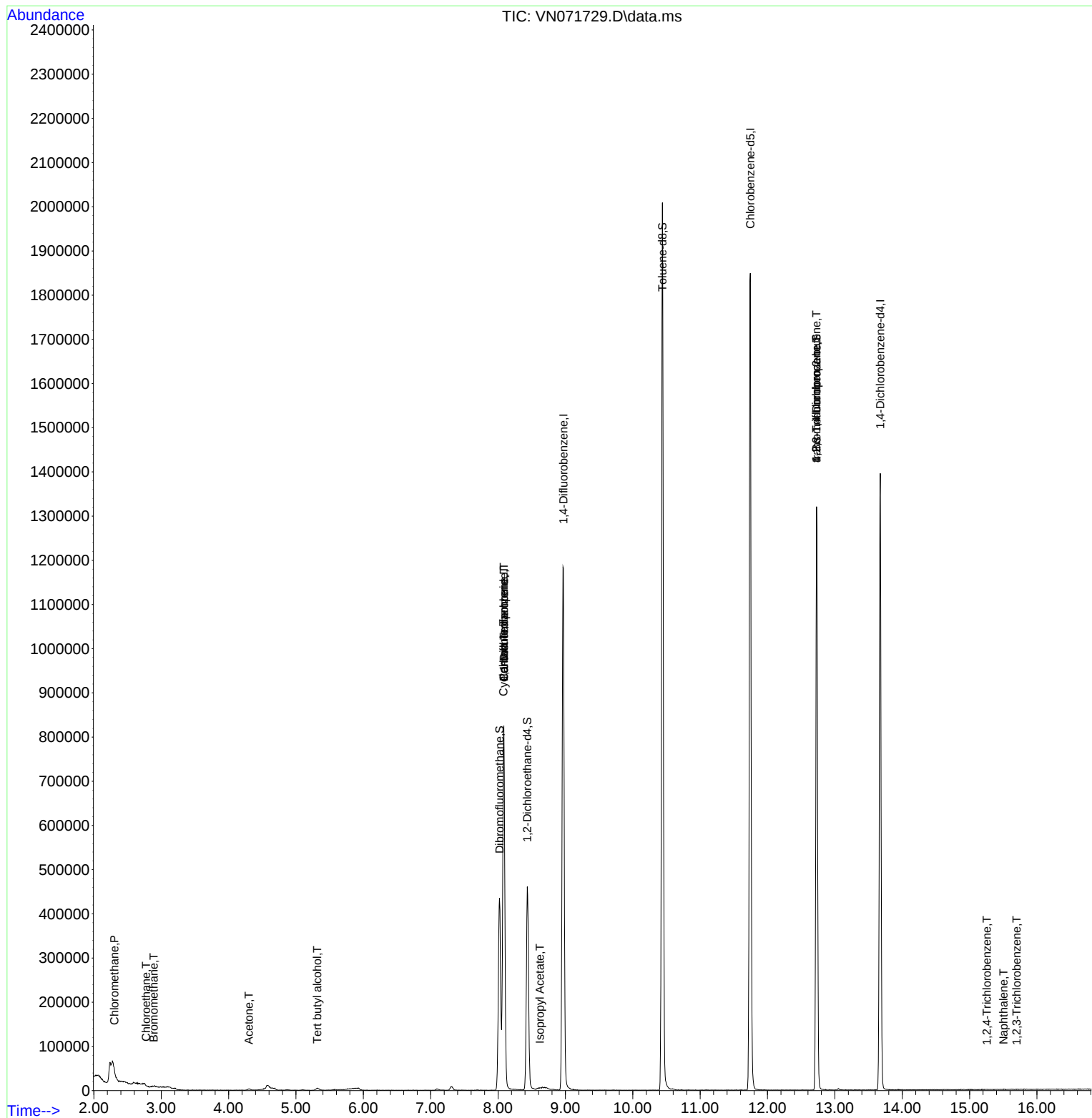
Internal Standards						
1) Pentafluorobenzene	8.086	168	666552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1134747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1150036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	415358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	387119	50.873	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.740%	
35) Dibromofluoromethane	8.022	113	325045	48.679	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.360%	
50) Toluene-d8	10.439	98	1421378	52.036	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	12.727	95	477009	53.996	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.000%	
Target Compounds						Qvalue
3) Chloromethane	2.305	50	4152	0.618	ug/l	99
5) Bromomethane	2.887	94	1645	0.343	ug/l #	80
6) Chloroethane	2.775	64	2495	0.470	ug/l #	84
11) Tert butyl alcohol	5.316	59	4428	3.586	ug/l #	72
16) Acetone	4.299	43	2738	0.842	ug/l	95
18) Methyl Acetate	4.869	43	3343	Below Cal	#	59
31) Cyclohexane	8.081	56	11795	1.140	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	45034	4.830	ug/l #	49
38) Carbon Tetrachloride	8.086	117	61373	6.716	ug/l #	16
43) Isopropyl Acetate	8.622	43	5043	0.297	ug/l #	53
49) 1,4-Dioxane	9.581	88	57	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	232084	24.120	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	232084	74.747	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.257	180	175	2.111	ug/l #	72
95) Naphthalene	15.504	128	838	3.844	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	163	2.438	ug/l #	57

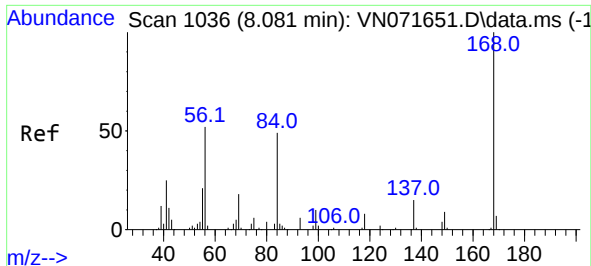
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
Data File : VN071729.D
Acq On : 01 Apr 2022 02:02
Operator : JC\MD
Sample : N2200-18
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB032822

Quant Time: Apr 01 06:04:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

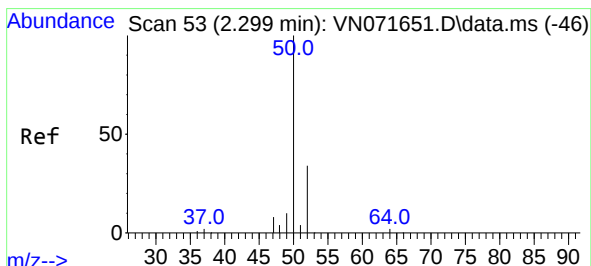
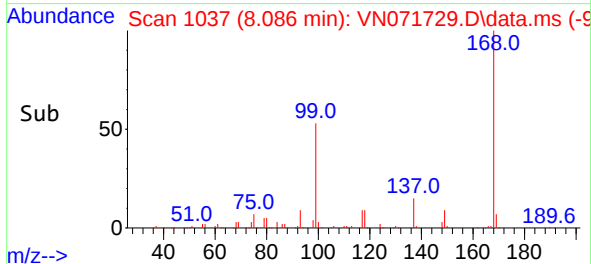
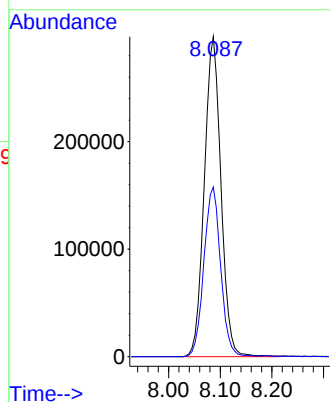
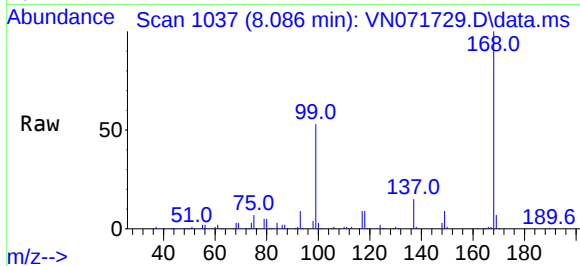




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

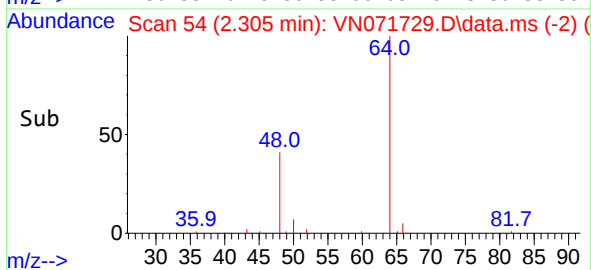
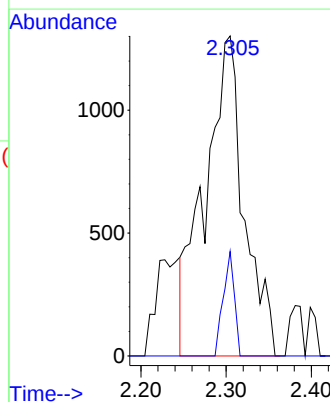
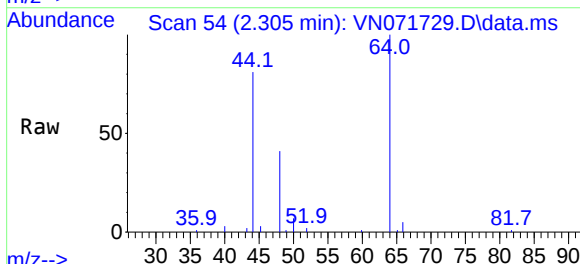
Instrument :
MSVOA_N
ClientSampleId :
FB032822

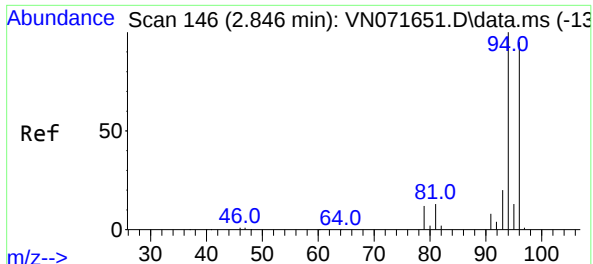
Tgt Ion:168 Resp: 666552
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: 0.618 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Tgt Ion: 50 Resp: 4152
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5

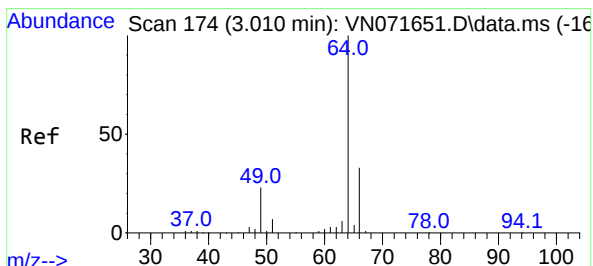
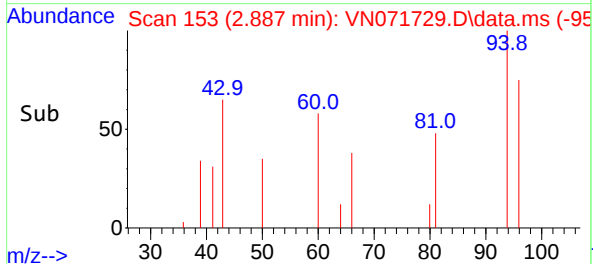
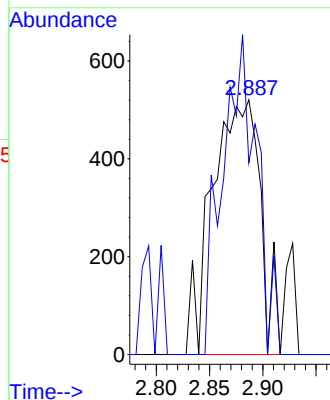
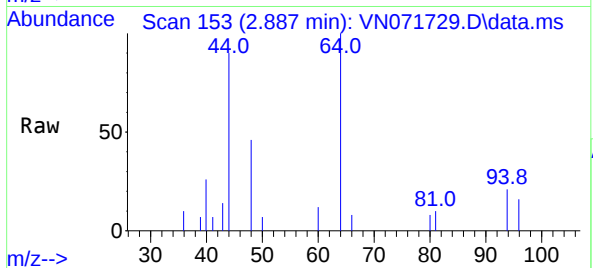




#5
Bromomethane
Concen: 0.343 ug/l
RT: 2.887 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

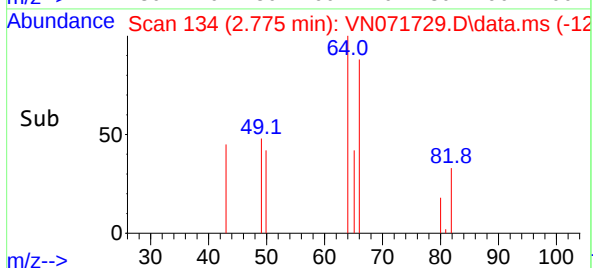
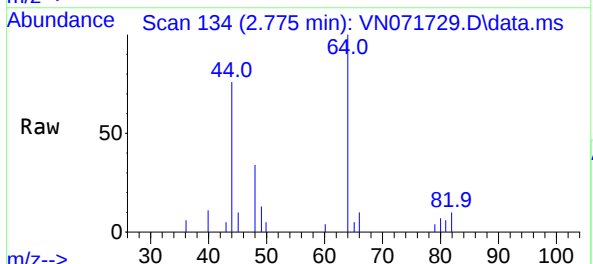
Instrument :
MSVOA_N
ClientSampleId :
FB032822

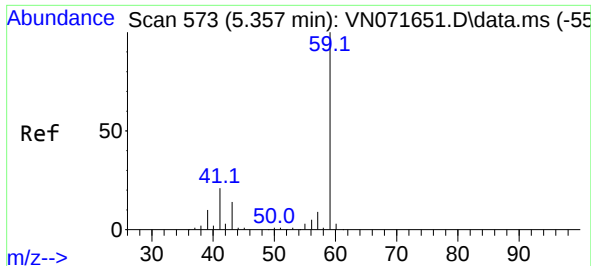
Tgt Ion: 94 Resp: 1645
Ion Ratio Lower Upper
94 100
96 75.2 76.0 114.0#



#6
Chloroethane
Concen: 0.470 ug/l
RT: 2.775 min Scan# 134
Delta R.T. -0.235 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Tgt Ion: 64 Resp: 2495
Ion Ratio Lower Upper
64 100
66 23.9 26.2 39.4#





#11

Tert butyl alcohol

Concen: 3.586 ug/l

RT: 5.316 min Scan# 50

Delta R.T. -0.041 min

Lab File: VN071729.D

Acq: 01 Apr 2022 02:02

Instrument :

MSVOA_N

ClientSampleId :

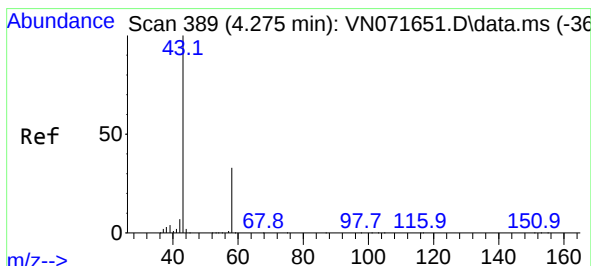
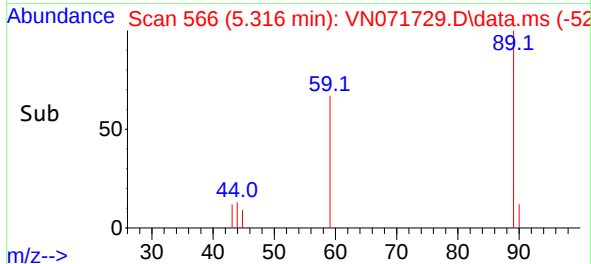
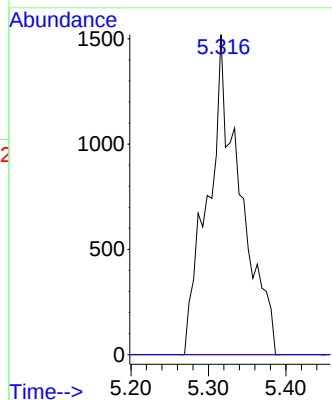
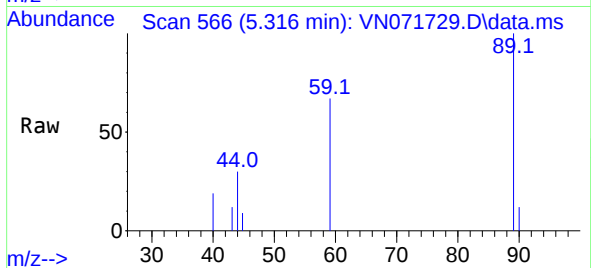
FB032822

Tgt Ion: 59 Resp: 4428

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.842 ug/l

RT: 4.299 min Scan# 393

Delta R.T. 0.024 min

Lab File: VN071729.D

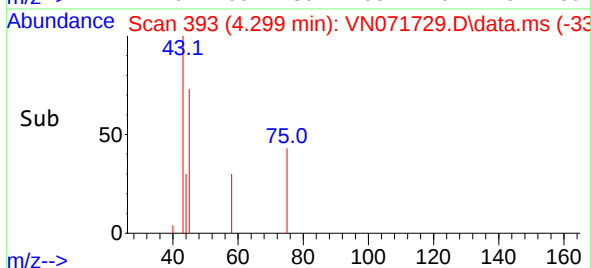
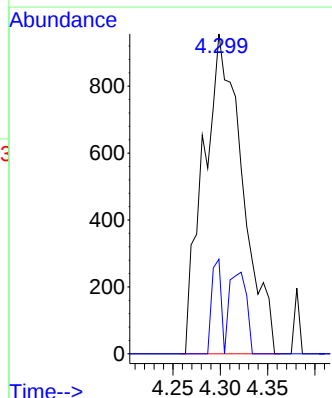
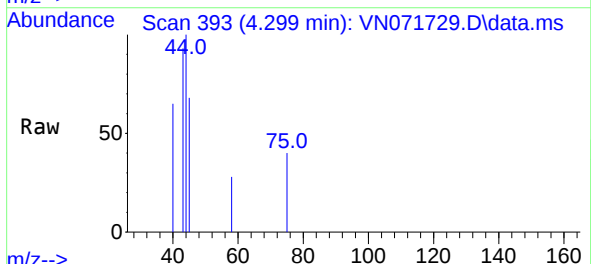
Acq: 01 Apr 2022 02:02

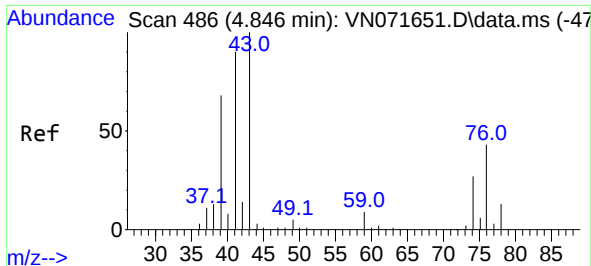
Tgt Ion: 43 Resp: 2738

Ion Ratio Lower Upper

43 100

58 29.6 26.0 39.0

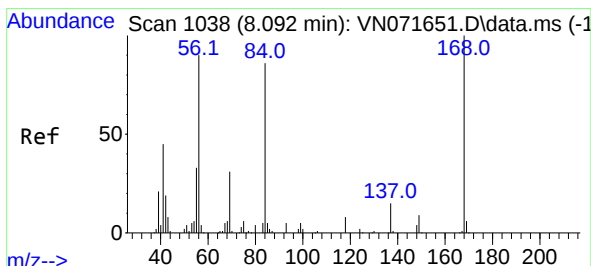
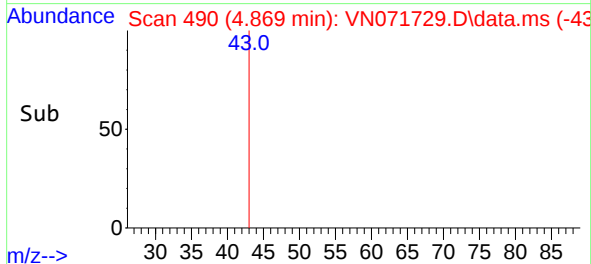
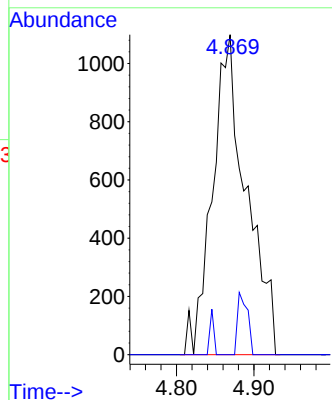
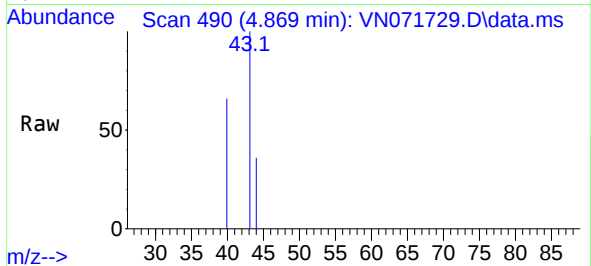




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 49
Delta R.T. 0.023 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

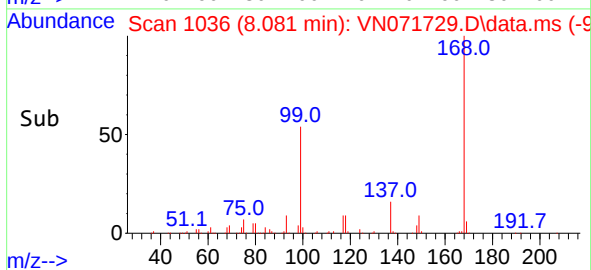
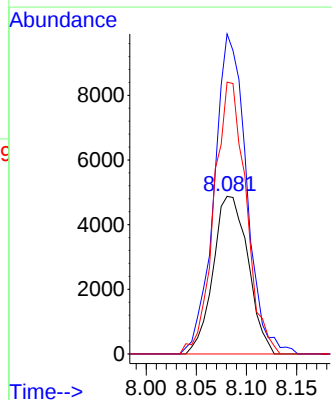
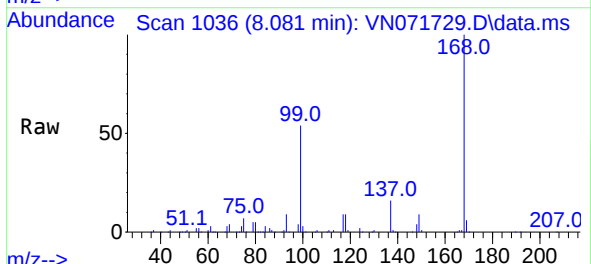
Instrument :
MSVOA_N
ClientSampleId :
FB032822

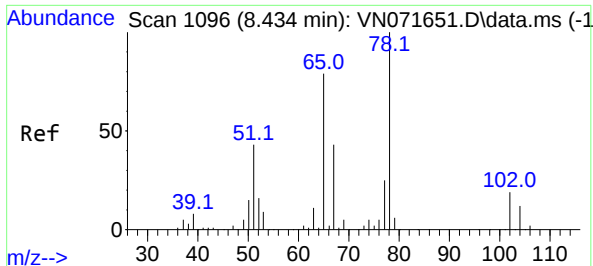
Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
74 5.7 21.6 32.4#



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Tgt Ion: 56 Resp: 11795
Ion Ratio Lower Upper
56 100
69 203.0 27.8 41.8#
84 172.5 76.9 115.3#

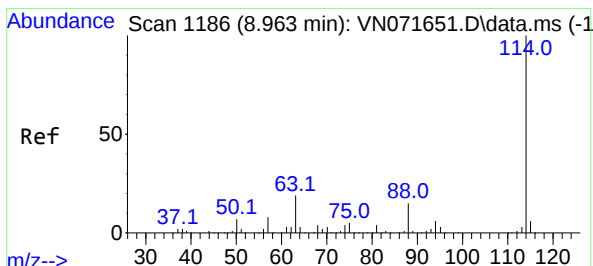
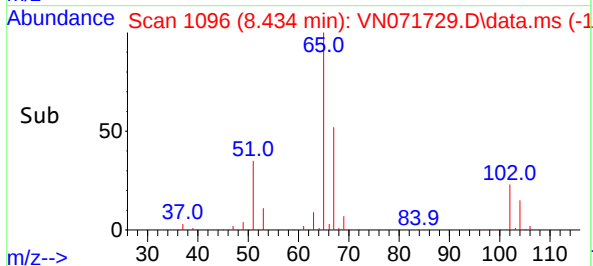
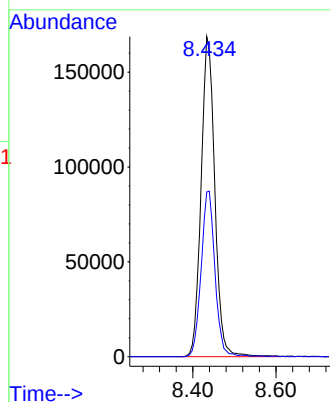
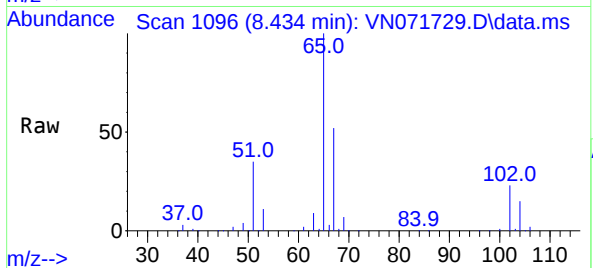




#33
1,2-Dichloroethane-d4
Concen: 50.873 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

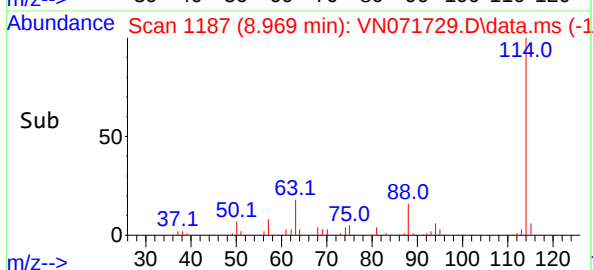
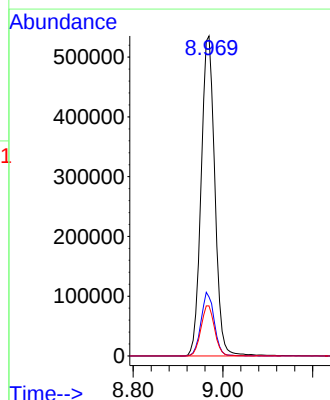
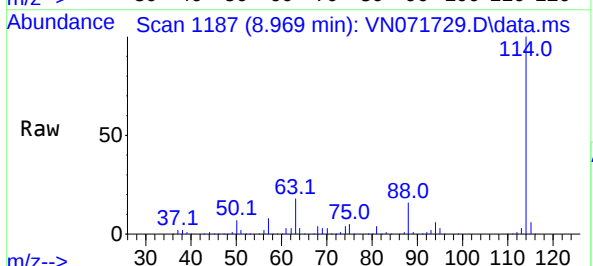
Instrument :
MSVOA_N
ClientSampleId :
FB032822

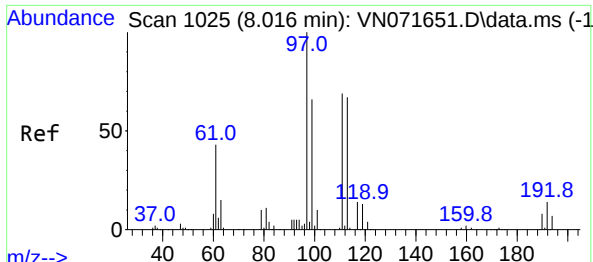
Tgt Ion: 65 Resp: 387119
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Tgt Ion:114 Resp: 1134747
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.7 0.0 32.6

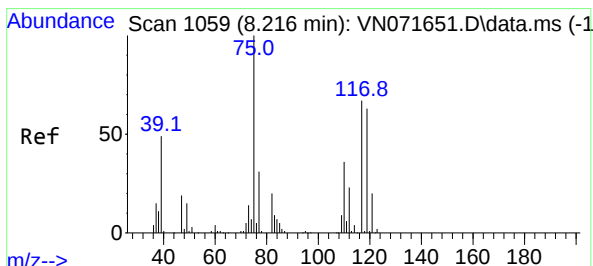
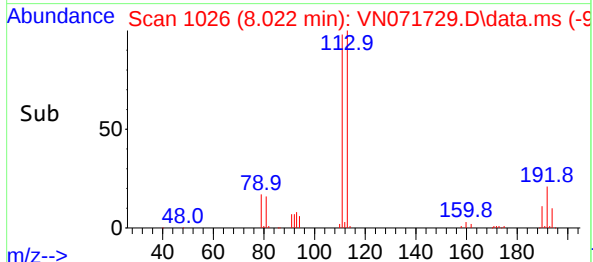
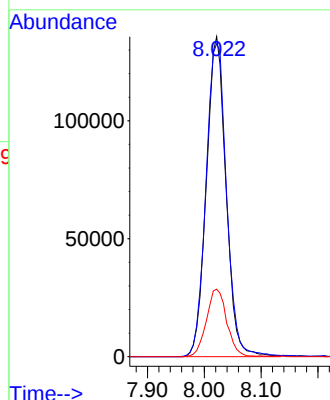
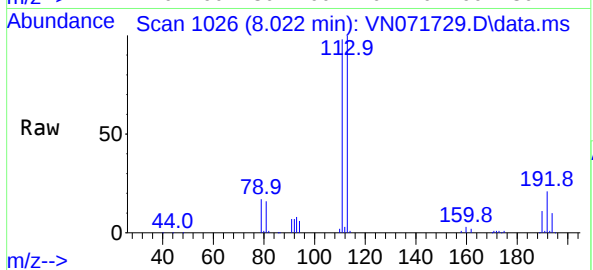




#35
Dibromofluoromethane
Concen: 48.679 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

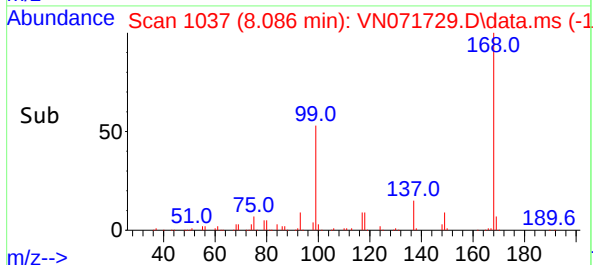
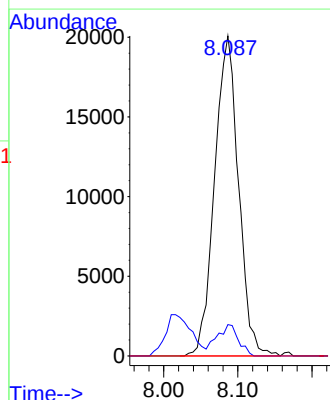
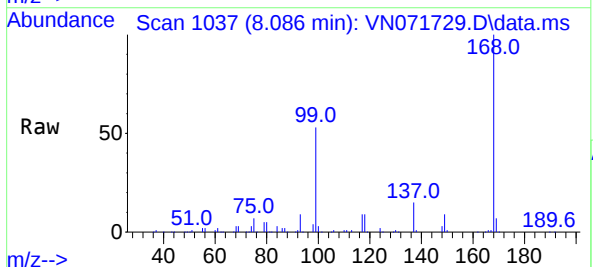
Instrument :
MSVOA_N
ClientSampleId :
FB032822

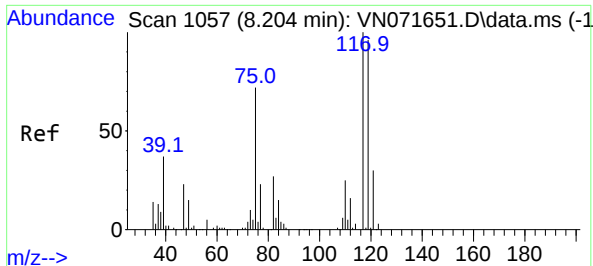
Tgt Ion:113 Resp: 325045
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 22.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

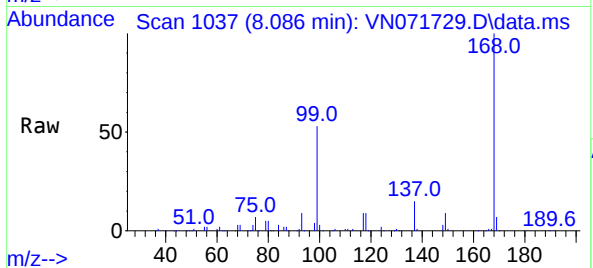
Tgt Ion: 75 Resp: 45034
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 25.1 37.7#



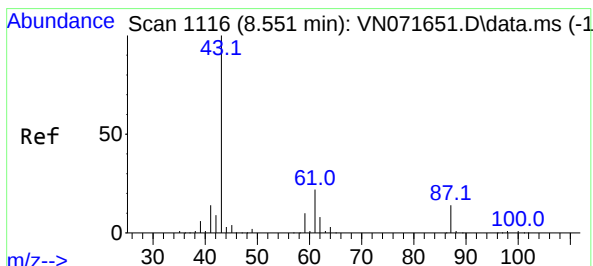
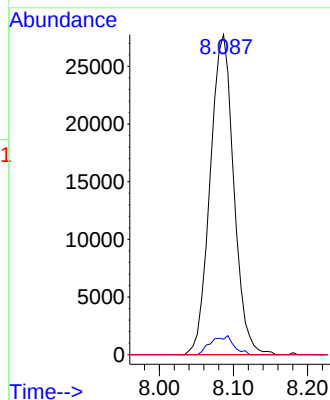
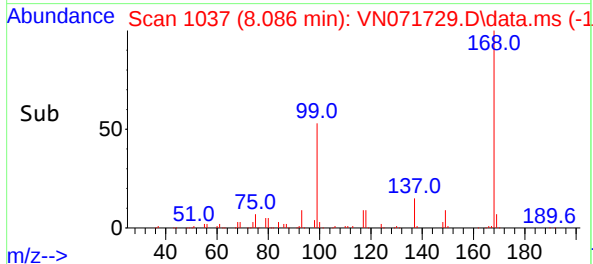


#38
Carbon Tetrachloride
Concen: 6.716 ug/l
RT: 8.086 min Scan# 1128
Delta R.T. -0.118 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

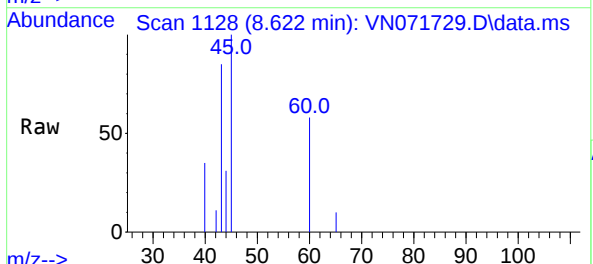
Instrument :
MSVOA_N
ClientSampleId :
FB032822



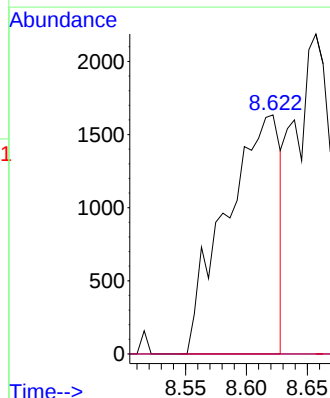
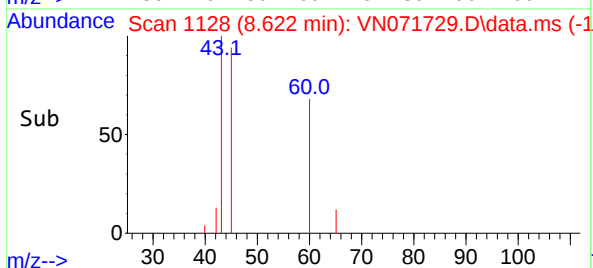
Tgt Ion:117 Resp: 61373
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#

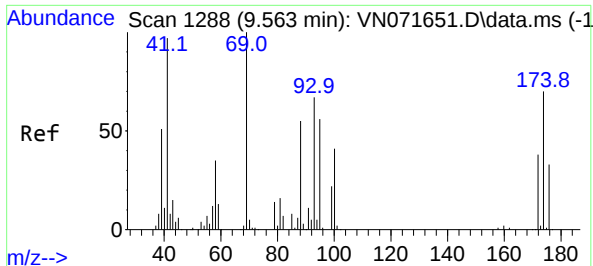


#43
Isopropyl Acetate
Concen: 0.297 ug/l
RT: 8.622 min Scan# 1128
Delta R.T. 0.071 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02



Tgt Ion: 43 Resp: 5043
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

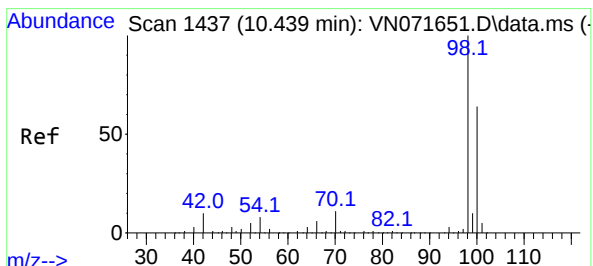
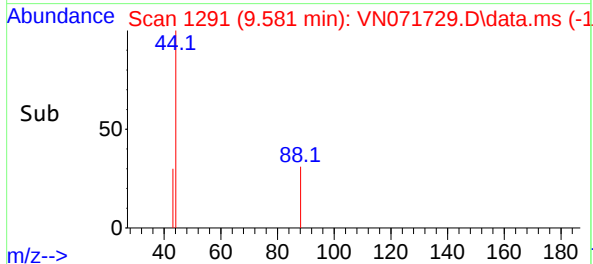
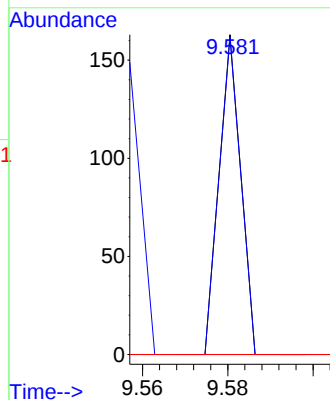
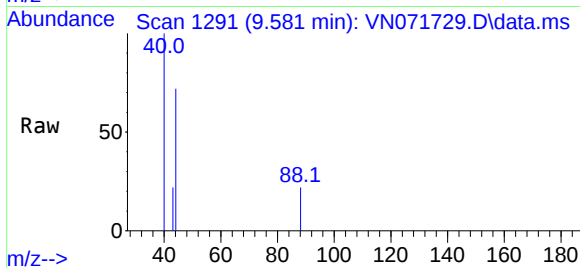




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.581 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

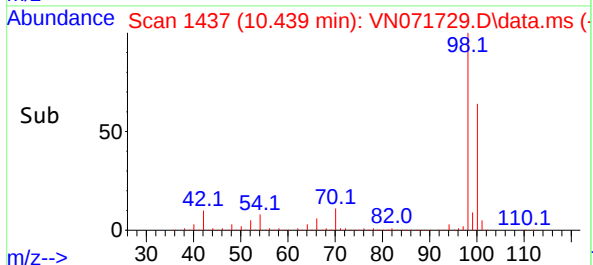
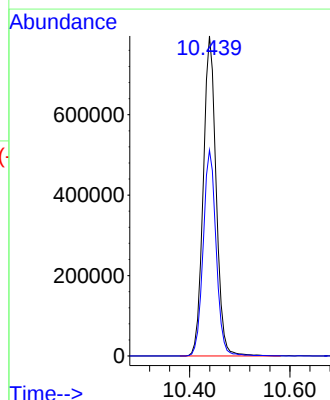
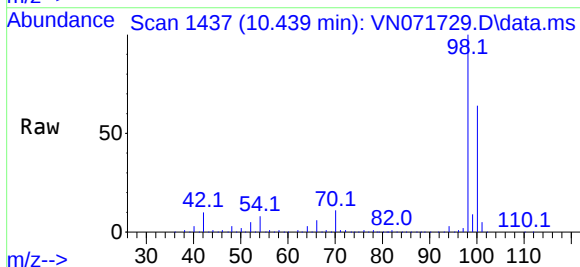
Instrument :
MSVOA_N
ClientSampleId :
FB032822

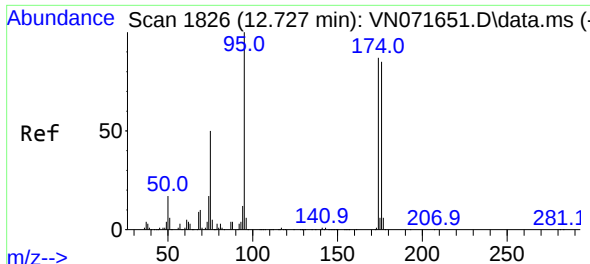
Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 100.0 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 52.036 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Tgt Ion: 98 Resp: 1421378
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

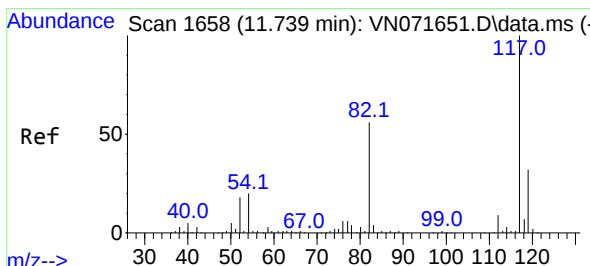
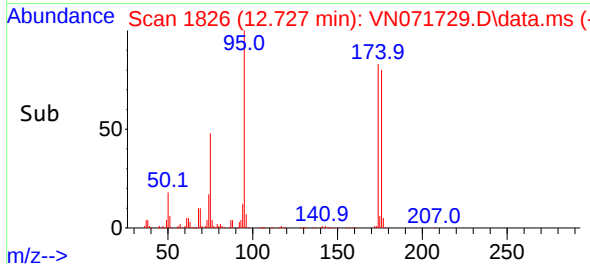
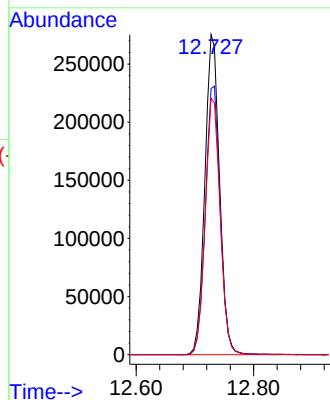
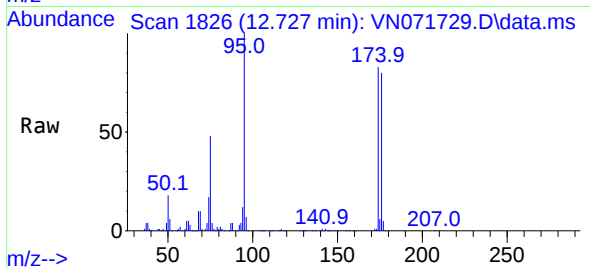




#62
4-Bromofluorobenzene
Concen: 53.996 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

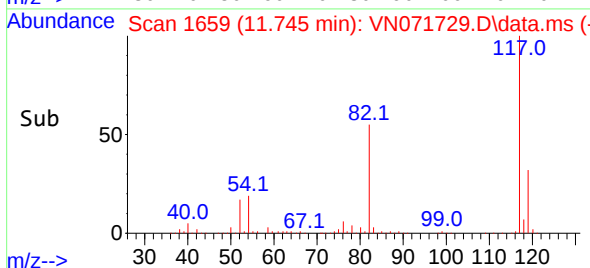
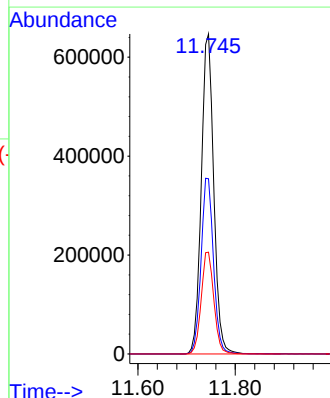
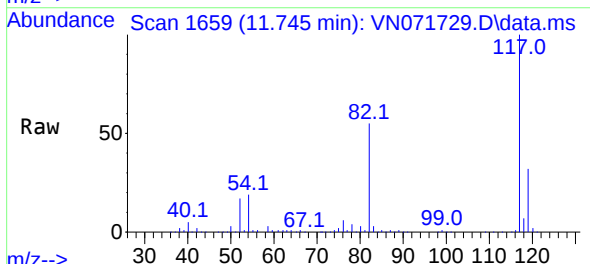
Instrument :
MSVOA_N
ClientSampleId :
FB032822

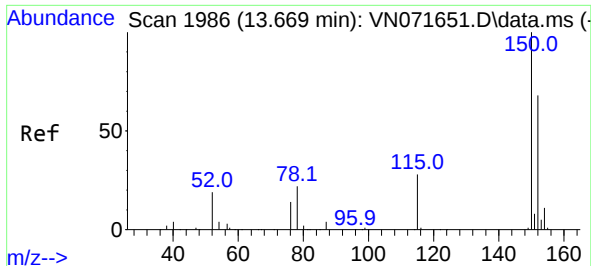
Tgt Ion: 95 Resp: 477009
Ion Ratio Lower Upper
95 100
174 84.9 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Tgt Ion: 117 Resp: 1150036
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.8 25.4 38.0

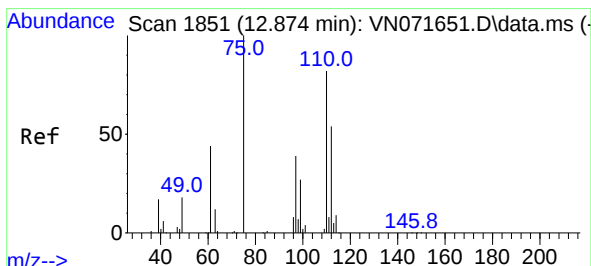
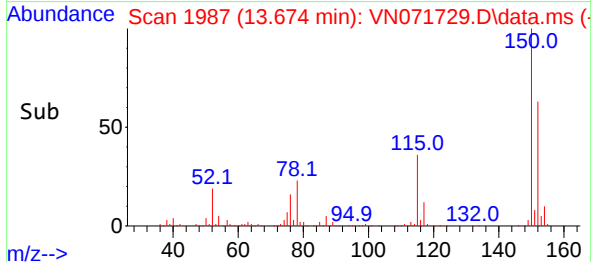
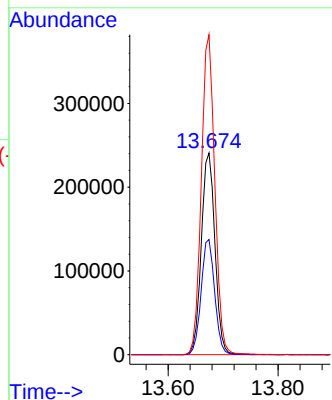
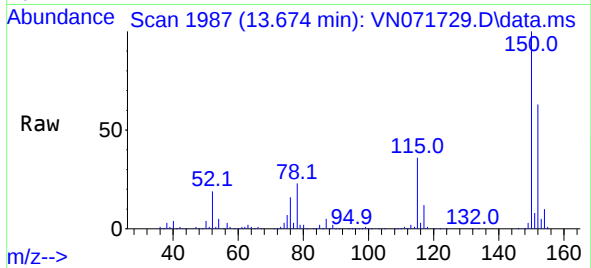




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN071729.D
 Acq: 01 Apr 2022 02:02

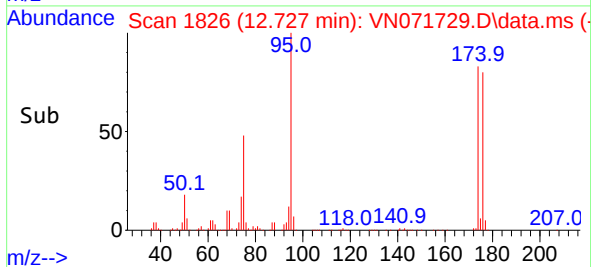
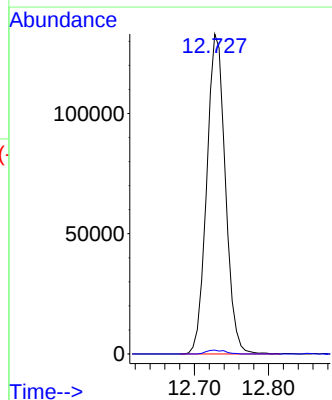
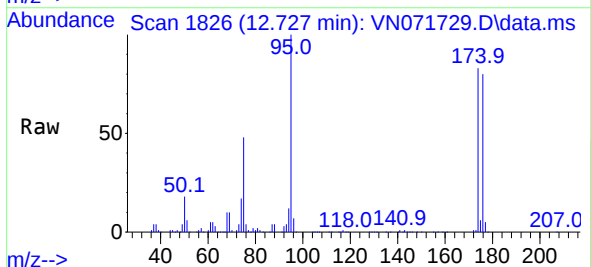
Instrument :
 MSVOA_N
 ClientSampleId :
 FB032822

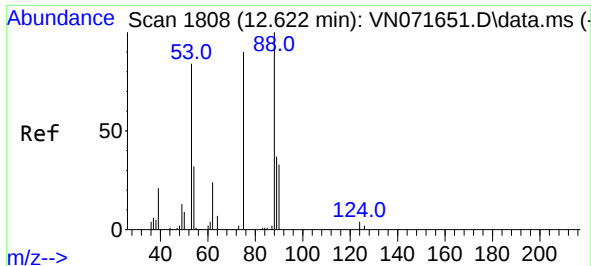
Tgt Ion:152 Resp: 415358
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.9 86.7
 150 156.5 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.120 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071729.D
 Acq: 01 Apr 2022 02:02

Tgt Ion: 75 Resp: 232084
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

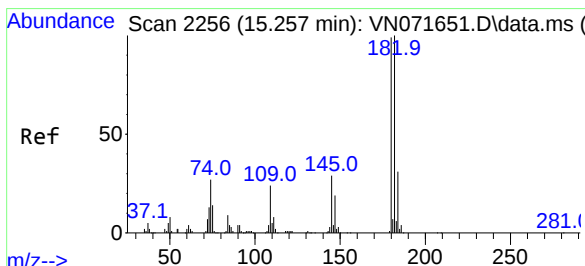
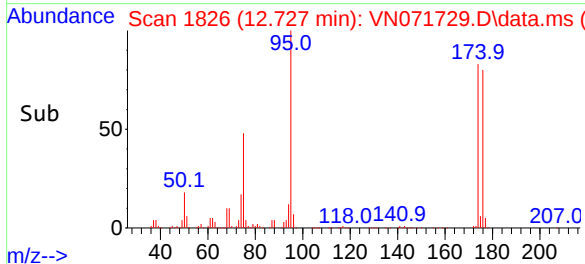
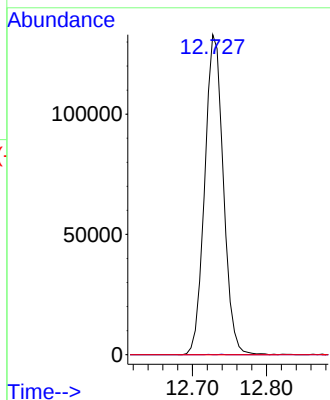
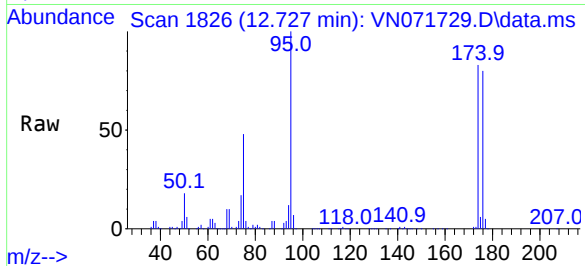




#81
trans-1,4-Dichloro-2-butene
Concen: 74.747 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

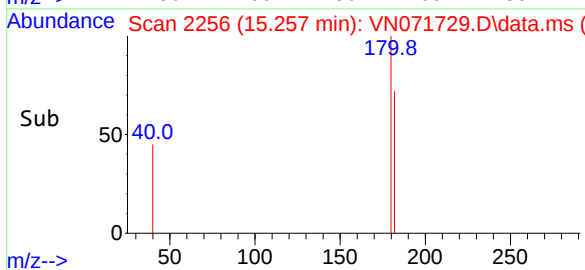
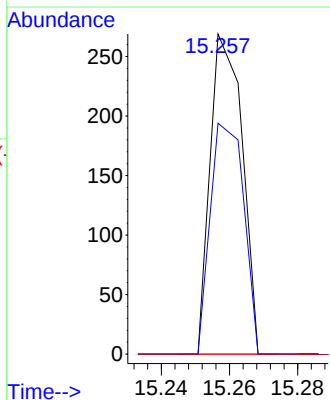
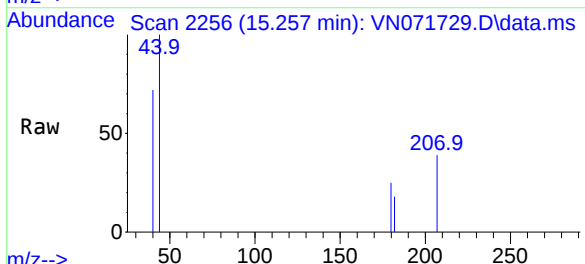
Instrument :
MSVOA_N
ClientSampleId :
FB032822

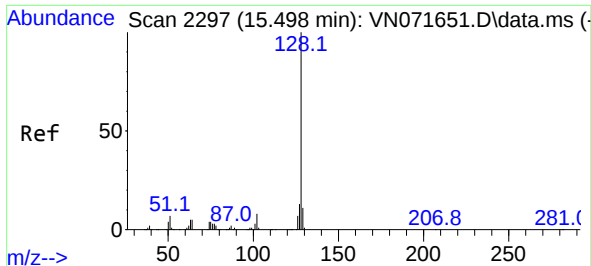
Tgt Ion: 75 Resp: 232084
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.111 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Tgt Ion: 180 Resp: 175
Ion Ratio Lower Upper
180 100
182 75.4 47.5 142.5
145 0.0 14.5 43.5#

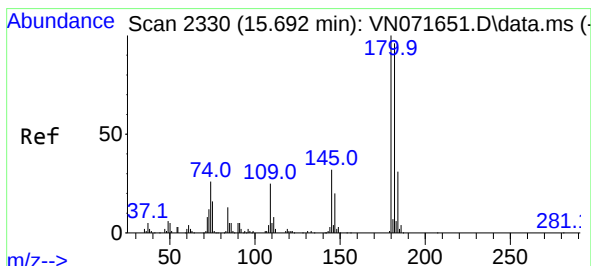
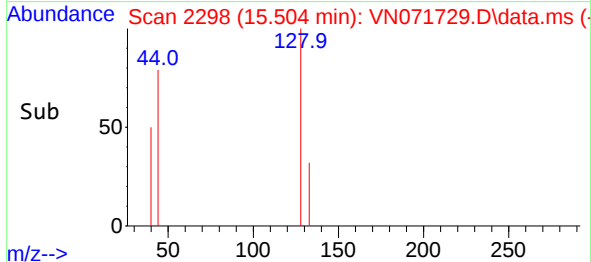
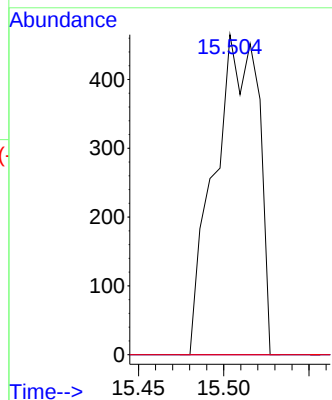
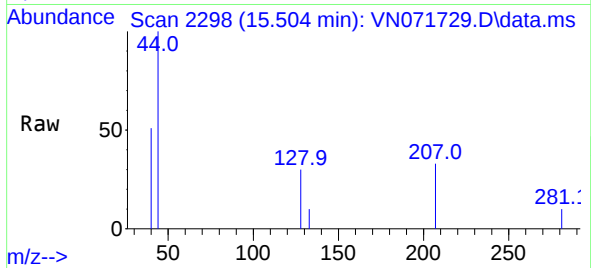




#95
Naphthalene
Concen: 3.844 ug/l
RT: 15.504 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Instrument :
MSVOA_N
ClientSampleId :
FB032822

Tgt Ion:	128	Resp:	838
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.438 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071729.D
Acq: 01 Apr 2022 02:02

Tgt Ion:	180	Resp:	163
Ion	Ratio	Lower	Upper
180	100		
182	133.1	47.8	143.3
145	0.0	15.5	46.5#

