

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071949.D
 Acq On : 11 Apr 2022 20:29
 Operator : JC\MD
 Sample : PB143992ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 12 08:43:07 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

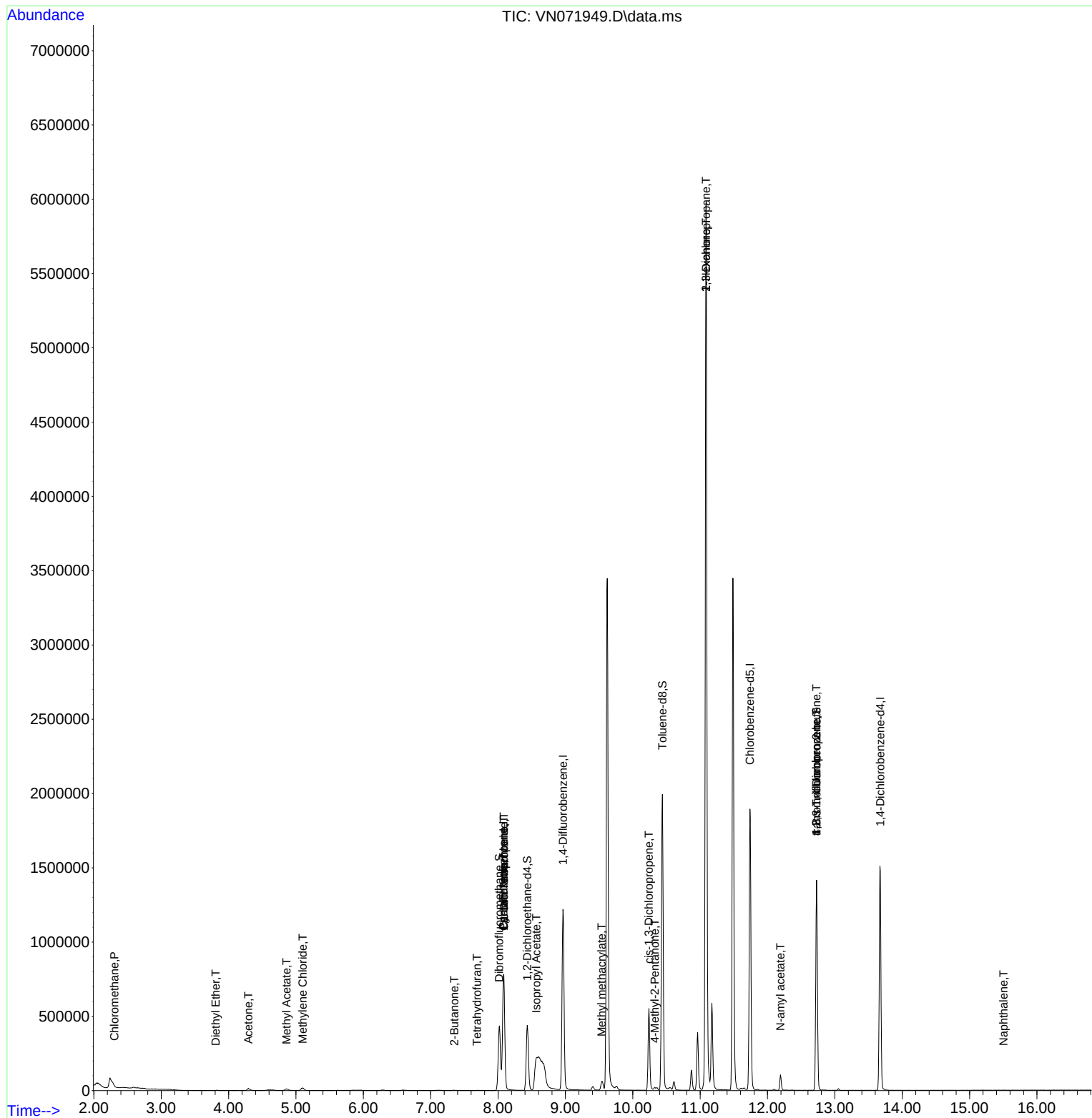
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	667501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1147532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1196474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	458297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	364407	47.821	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.640%
35) Dibromofluoromethane	8.016	113	327663	48.524	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.040%
50) Toluene-d8	10.439	98	1455311	52.684	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.727	95	504066	56.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1824	0.271	ug/l #	71
8) Diethyl Ether	3.810	74	796	0.200	ug/l #	1
16) Acetone	4.293	43	22131	6.796	ug/l	89
18) Methyl Acetate	4.857	43	23833	1.486	ug/l	99
20) Methylene Chloride	5.098	84	15820	2.305	ug/l #	92
25) 2-Butanone	7.351	43	5082	1.082	ug/l	90
29) Tetrahydrofuran	7.686	42	1141	0.375	ug/l #	76
31) Cyclohexane	8.081	56	11008	1.062	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	43317	4.594	ug/l #	49
38) Carbon Tetrachloride	8.086	117	59852	6.476	ug/l #	16
43) Isopropyl Acetate	8.569	43	252628	14.716	ug/l #	67
48) Methyl methacrylate	9.539	41	15944	2.239	ug/l #	10
49) 1,4-Dioxane	9.622	88	652	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.327	43	10697	1.084	ug/l	97
54) cis-1,3-Dichloropropene	10.239	75	113429	9.848	ug/l #	58
57) 1,3-Dichloropropane	11.086	76	69742	5.383	ug/l #	42
59) 2-Hexanone	11.086	43	833466	119.938	ug/l #	49
74) N-amyl acetate	12.192	43	29805	2.694	ug/l #	49
76) 1,2,3-Trichloropropane	12.727	75	239705	22.578	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	239705	69.968	ug/l #	10
95) Naphthalene	15.504	128	231	3.813	ug/l #	69

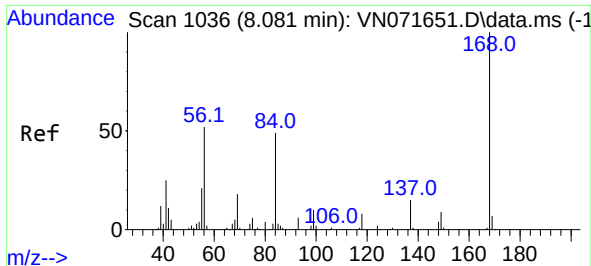
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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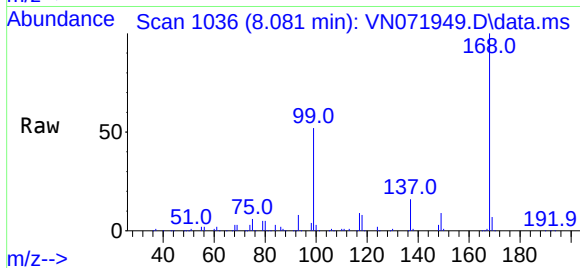
Quant Time: Apr 12 08:43:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration



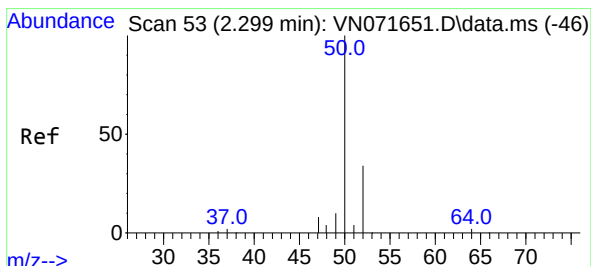
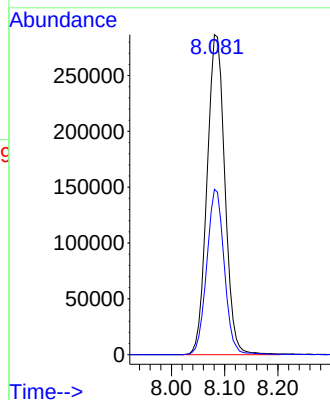
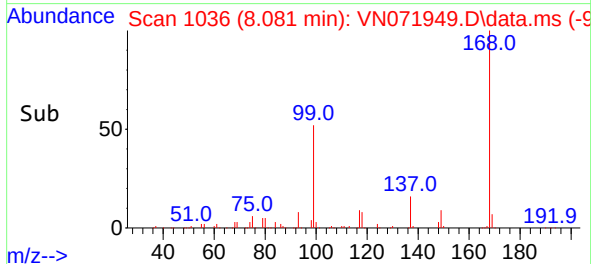


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :

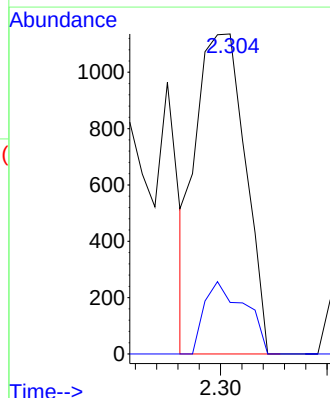
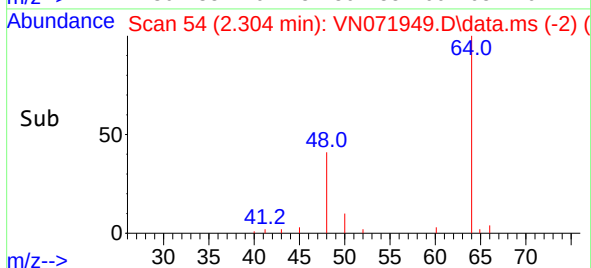
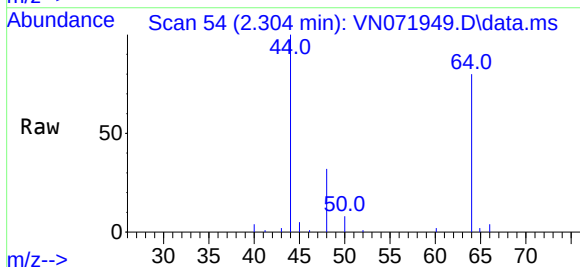


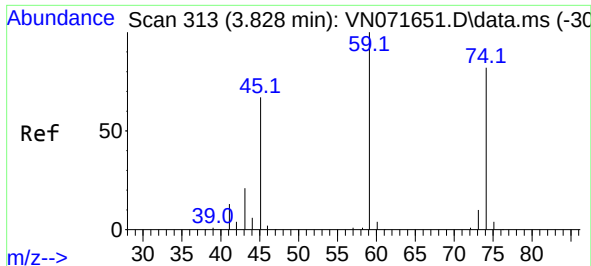
Tgt Ion:168 Resp: 667501
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#3
Chloromethane
Concen: 0.271 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

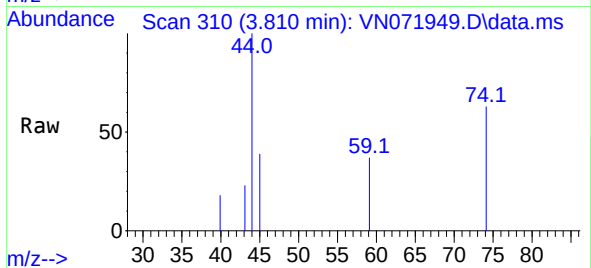
Tgt Ion: 50 Resp: 1824
Ion Ratio Lower Upper
50 100
52 16.1 25.7 38.5#



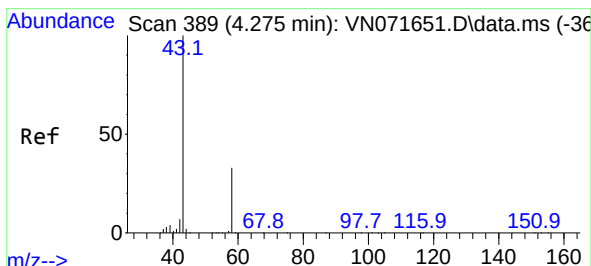
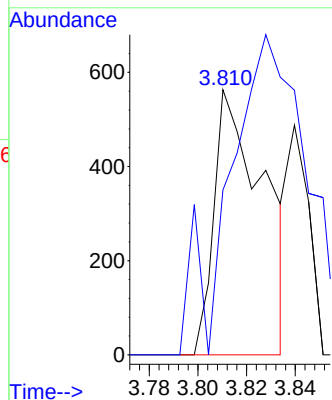
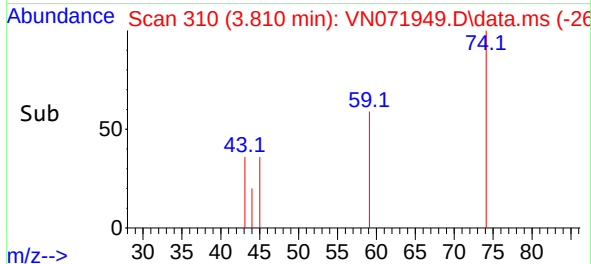


#8
Diethyl Ether
Concen: 0.200 ug/l
RT: 3.810 min Scan# 313
Delta R.T. -0.018 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :

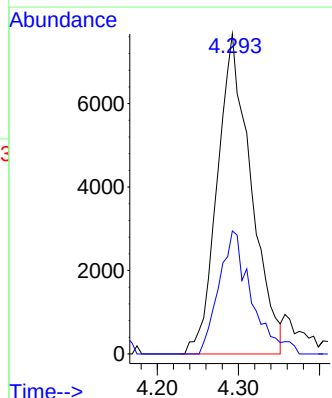
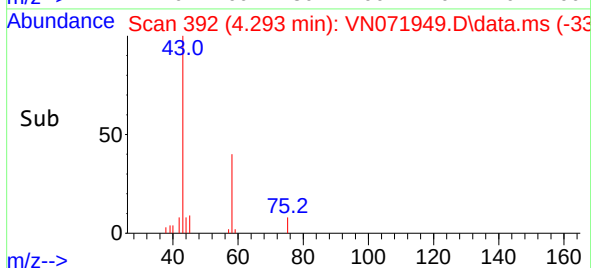
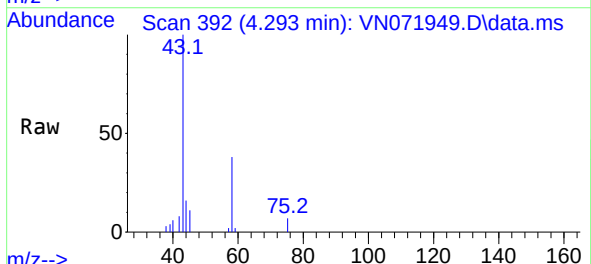


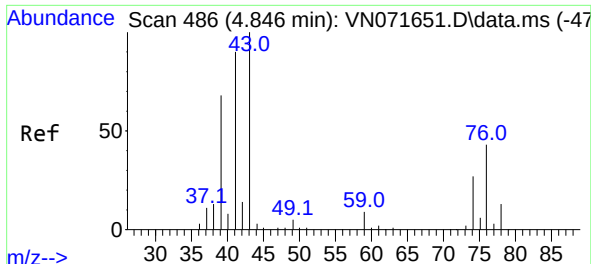
Tgt Ion: 74 Resp: 796
Ion Ratio Lower Upper
74 100
45 203.3 42.9 128.5#



#16
Acetone
Concen: 6.796 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Tgt Ion: 43 Resp: 22131
Ion Ratio Lower Upper
43 100
58 38.4 26.0 39.0

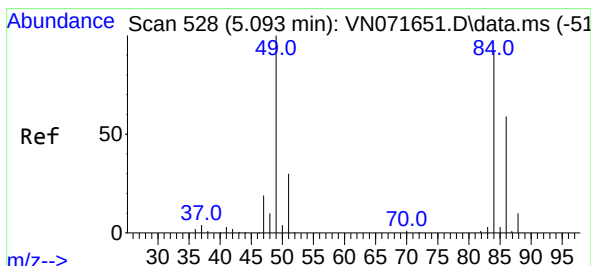
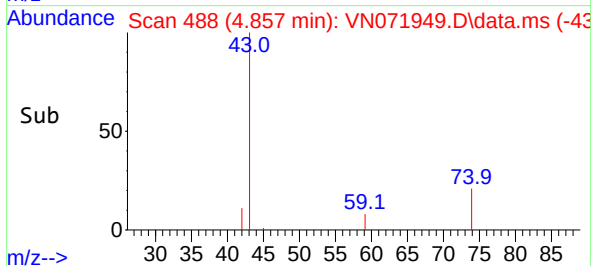
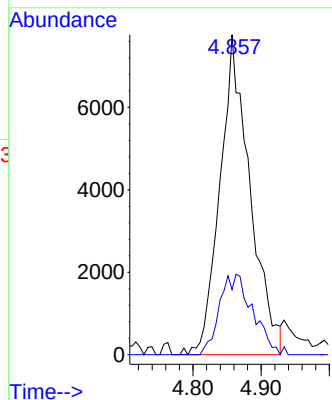
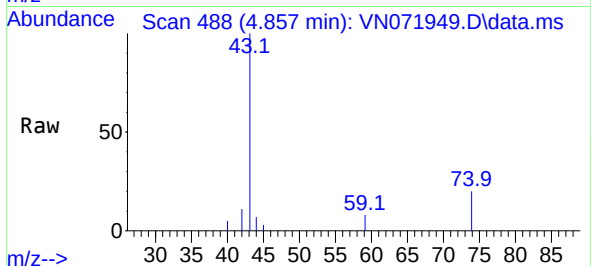




#18
Methyl Acetate
Concen: 1.486 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

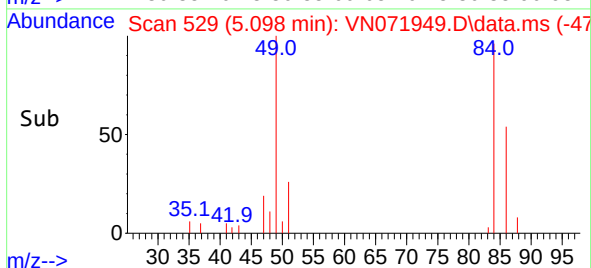
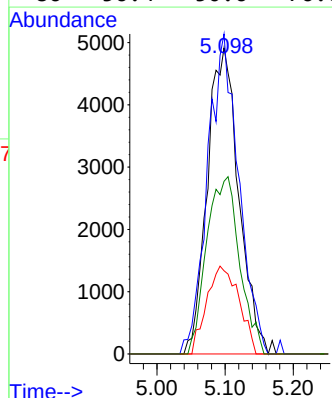
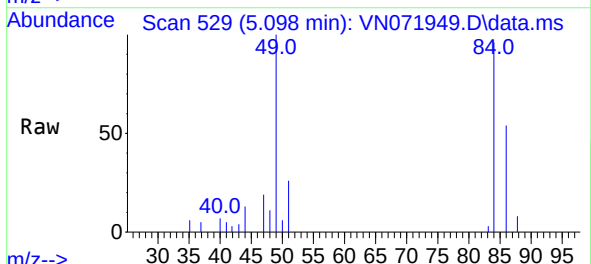
Instrument :
MSVOA_N
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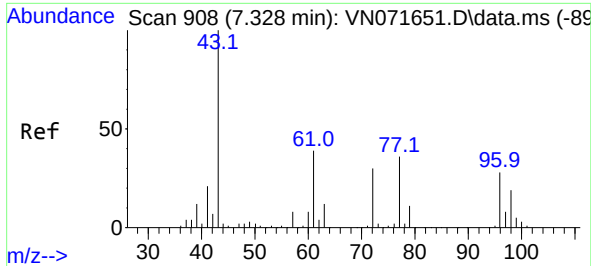
Tgt Ion: 43 Resp: 23833
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4



#20
Methylene Chloride
Concen: 2.305 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Tgt Ion: 84 Resp: 15820
Ion Ratio Lower Upper
84 100
49 104.6 88.3 132.5
51 27.2 28.2 42.2#
86 56.4 50.6 76.0





#25

2-Butanone

Concen: 1.082 ug/l

RT: 7.351 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN071949.D

Acq: 11 Apr 2022 20:29

Instrument :

MSVOA_N

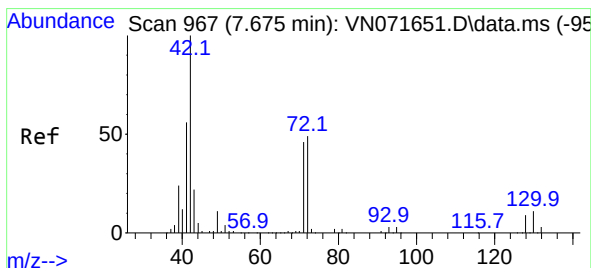
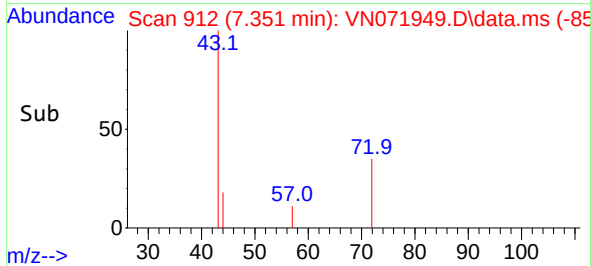
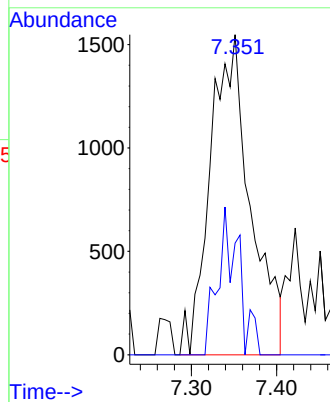
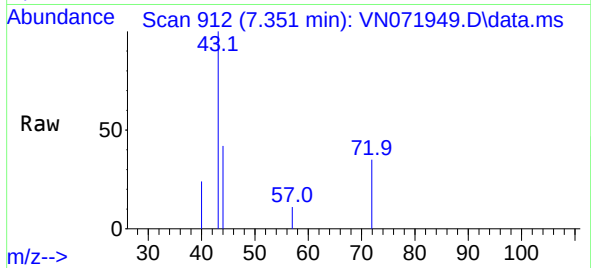
ClientSampleId :

Tgt Ion: 43 Resp: 5082

Ion Ratio Lower Upper

43 100

72 34.9 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.375 ug/l

RT: 7.686 min Scan# 969

Delta R.T. 0.011 min

Lab File: VN071949.D

Acq: 11 Apr 2022 20:29

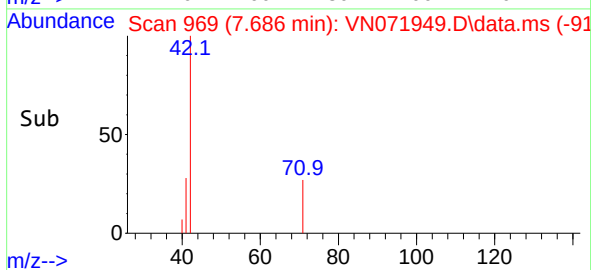
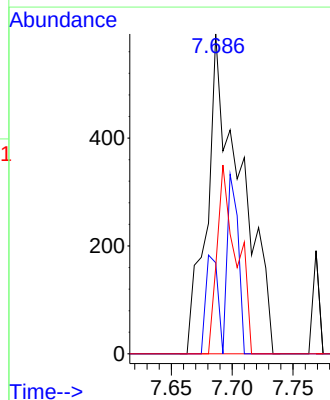
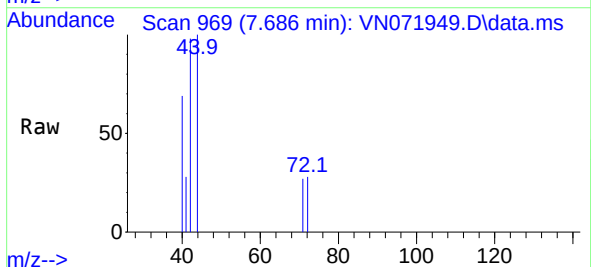
Tgt Ion: 42 Resp: 1141

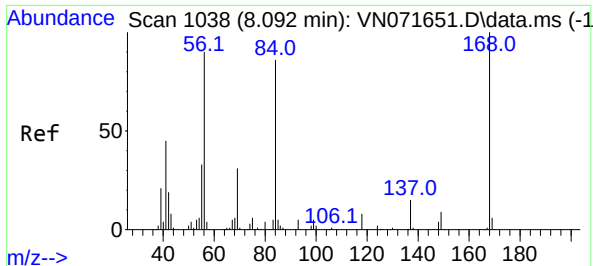
Ion Ratio Lower Upper

42 100

72 29.1 39.7 59.5#

71 34.0 36.6 55.0#





#31

Cyclohexane

Concen: 1.062 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

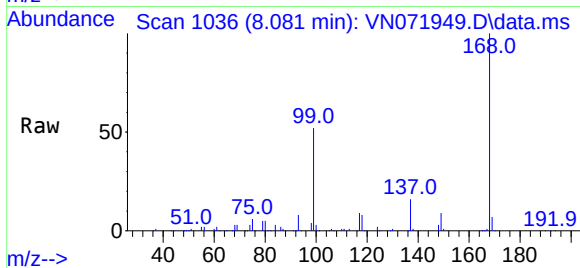
Lab File: VN071949.D

Acq: 11 Apr 2022 20:29

Instrument :

MSVOA_N

ClientSampleId :



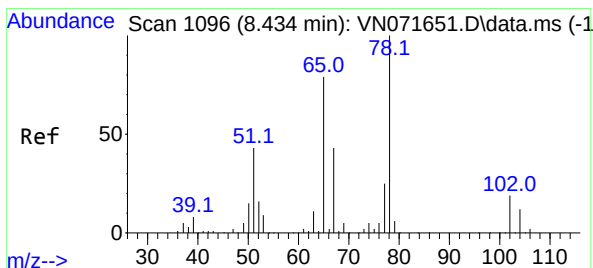
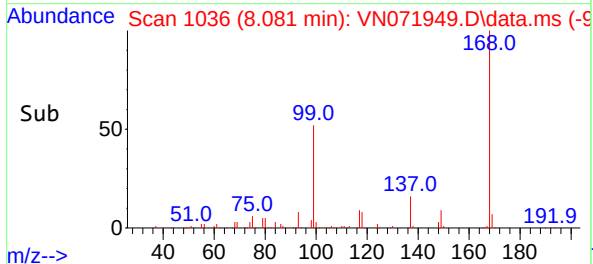
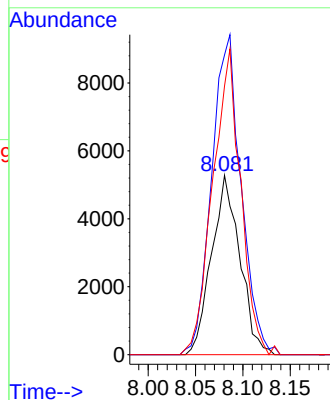
Tgt Ion: 56 Resp: 11008

Ion Ratio Lower Upper

56 100

69 167.1 27.8 41.8#

84 149.8 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.821 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071949.D

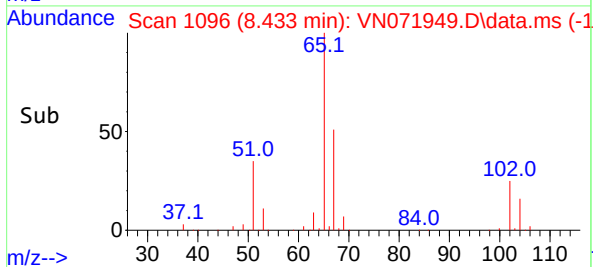
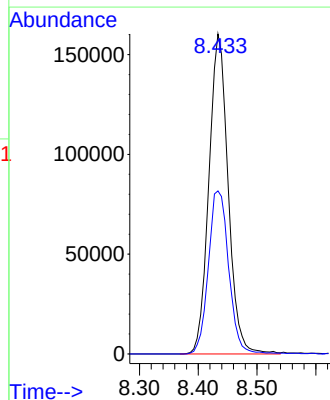
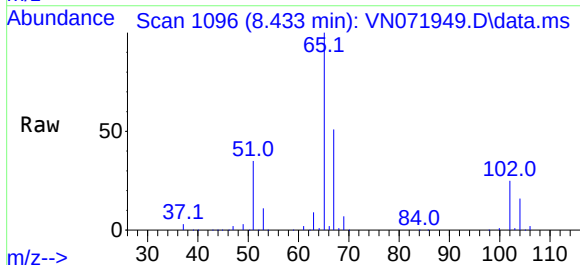
Acq: 11 Apr 2022 20:29

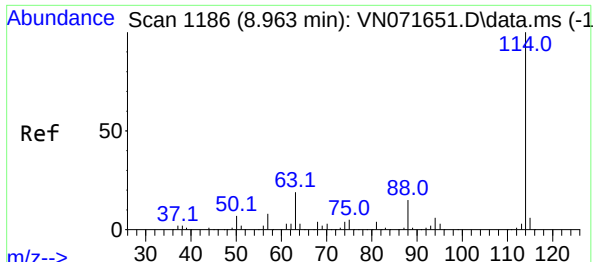
Tgt Ion: 65 Resp: 364407

Ion Ratio Lower Upper

65 100

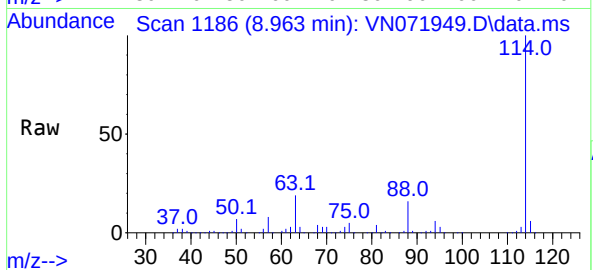
67 54.1 0.0 104.8



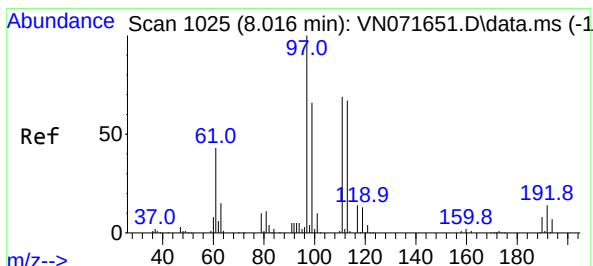
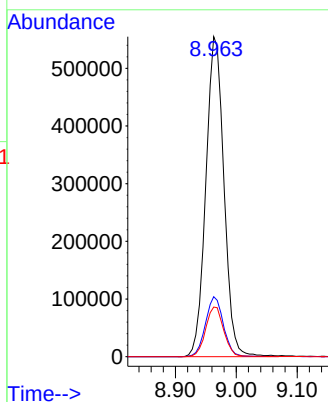
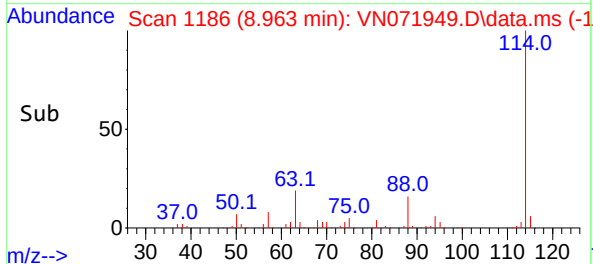


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Instrument :
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ClientSampleId :

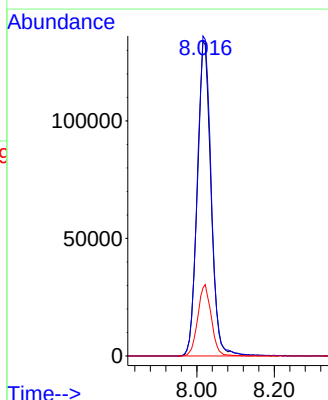
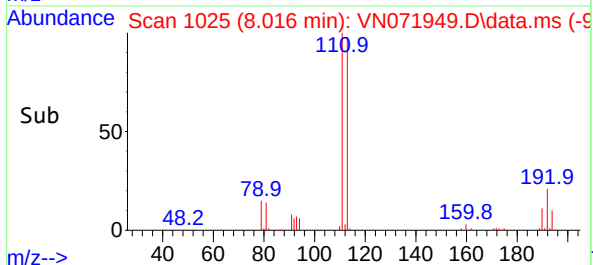
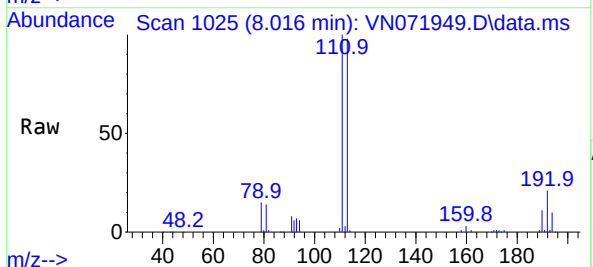


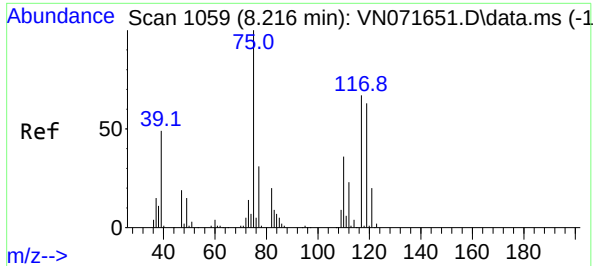
Tgt Ion:114 Resp: 1147532
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.524 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Tgt Ion:113 Resp: 327663
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 22.4 17.0 25.6

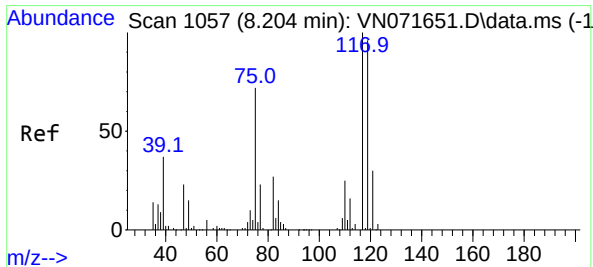
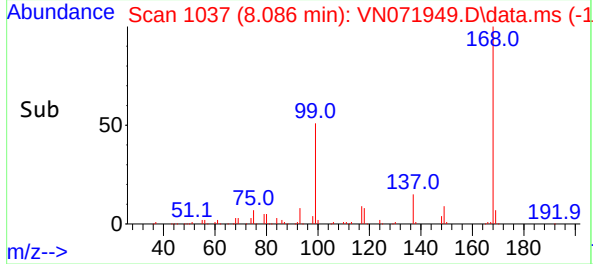
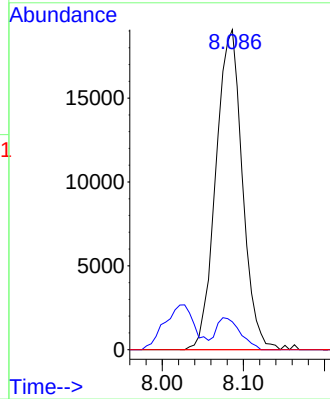
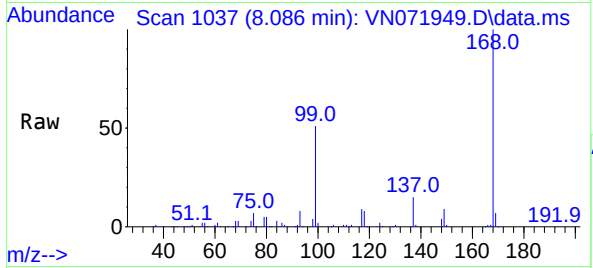




#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

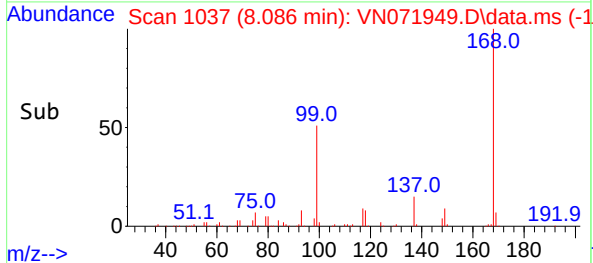
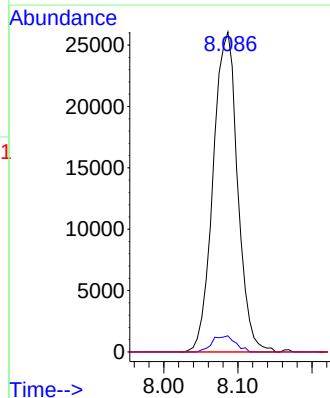
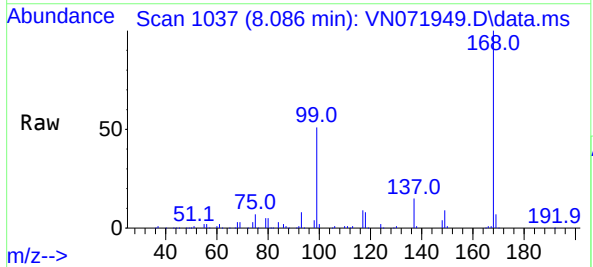
Instrument :
MSVOA_N
ClientSampleId :

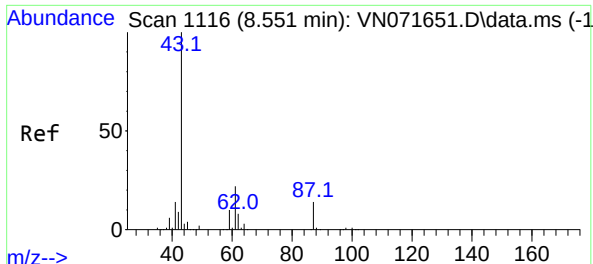
Tgt Ion: 75 Resp: 43317
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.476 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

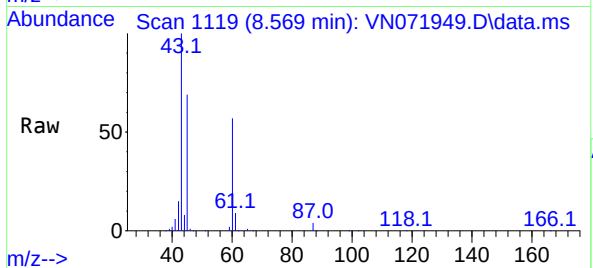
Tgt Ion: 117 Resp: 59852
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



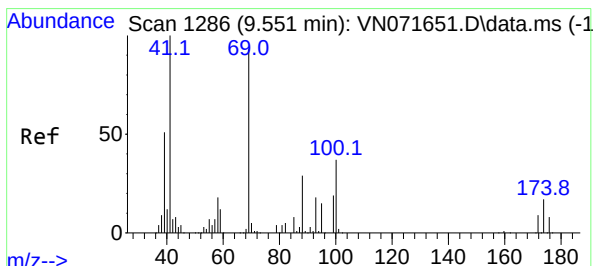
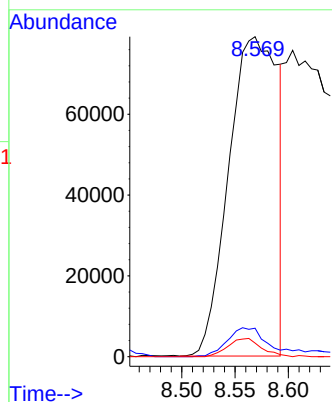
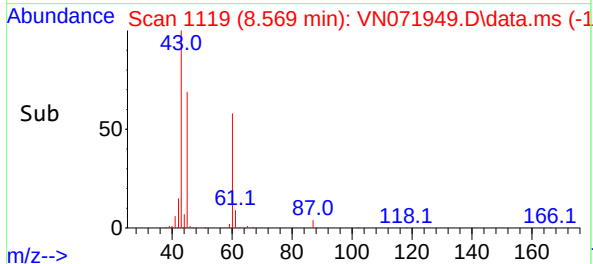


#43
Isopropyl Acetate
Concen: 14.716 ug/l
RT: 8.569 min Scan# 1116
Delta R.T. 0.018 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :

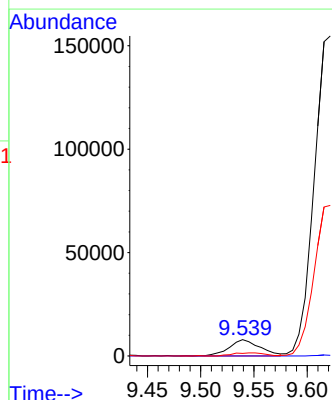
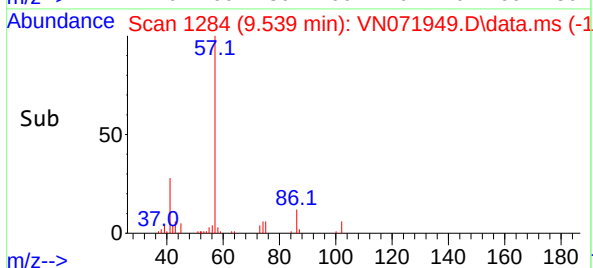
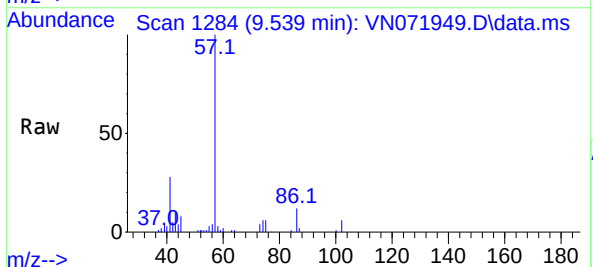


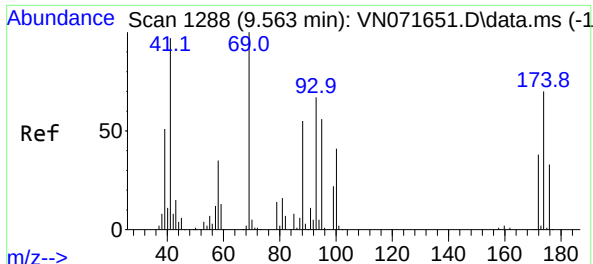
Tgt Ion: 43 Resp: 252628
Ion Ratio Lower Upper
43 100
61 8.5 21.9 32.9#
87 3.9 12.0 18.0#



#48
Methyl methacrylate
Concen: 2.239 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.012 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

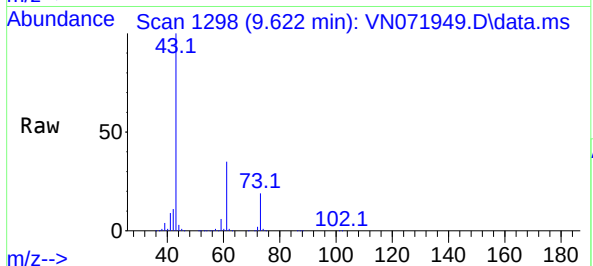
Tgt Ion: 41 Resp: 15944
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



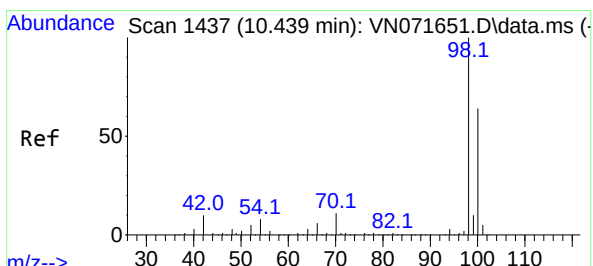
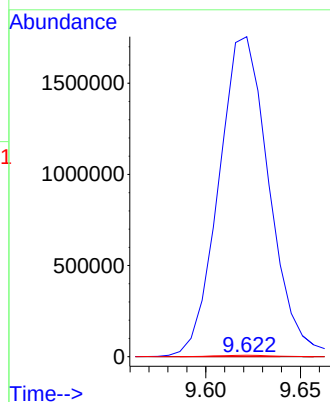
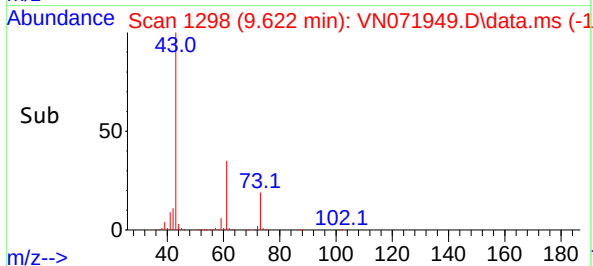


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.622 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :

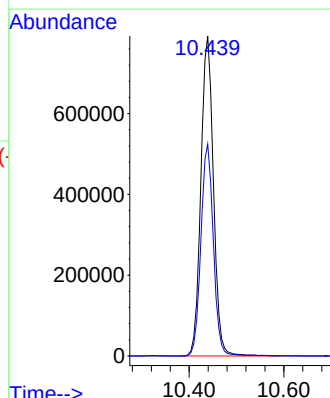
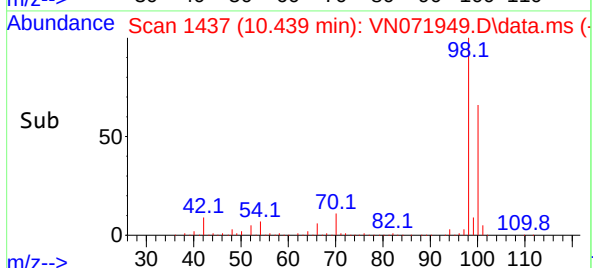
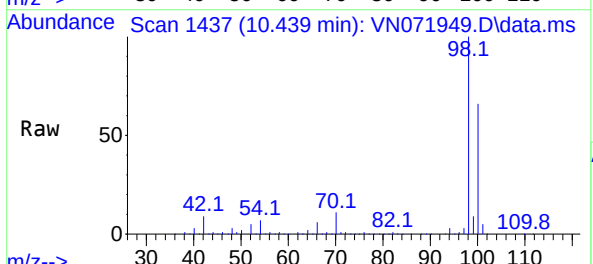


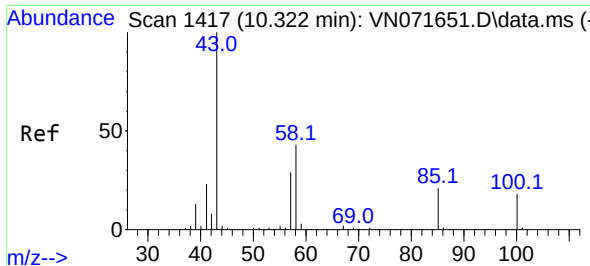
Tgt Ion: 88 Resp: 652
Ion Ratio Lower Upper
88 100
43 511710.1 20.2 30.4#
58 2472.7 54.2 81.4#



#50
Toluene-d8
Concen: 52.684 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Tgt Ion: 98 Resp: 1455311
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.084 ug/l

RT: 10.327 min Scan# 1417

Delta R.T. 0.005 min

Lab File: VN071949.D

Acq: 11 Apr 2022 20:29

Instrument :

MSVOA_N

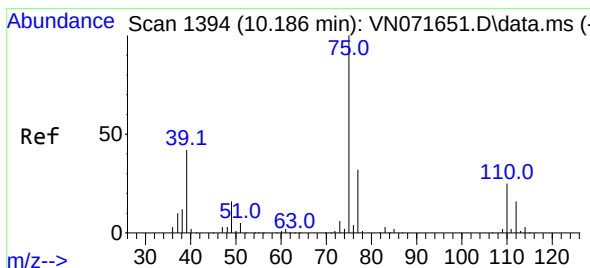
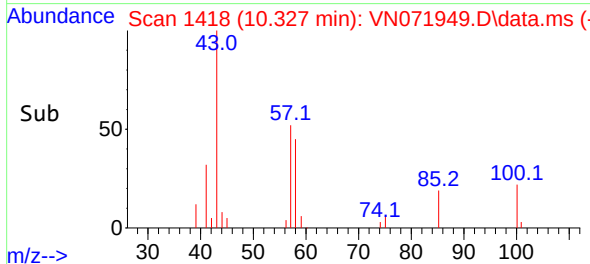
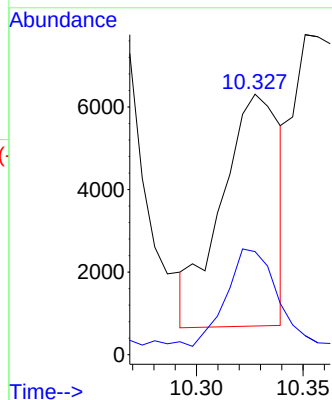
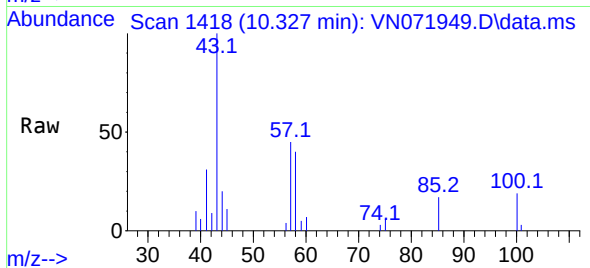
ClientSampleId :

Tgt Ion: 43 Resp: 10697

Ion Ratio Lower Upper

43 100

58 44.5 34.1 51.1



#54

cis-1,3-Dichloropropene

Concen: 9.848 ug/l

RT: 10.239 min Scan# 1403

Delta R.T. 0.053 min

Lab File: VN071949.D

Acq: 11 Apr 2022 20:29

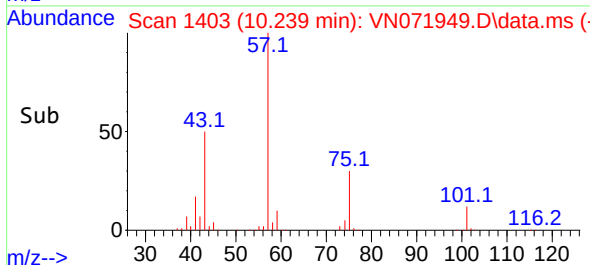
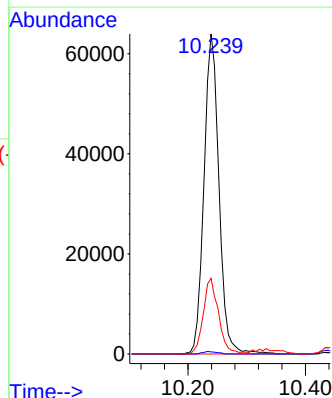
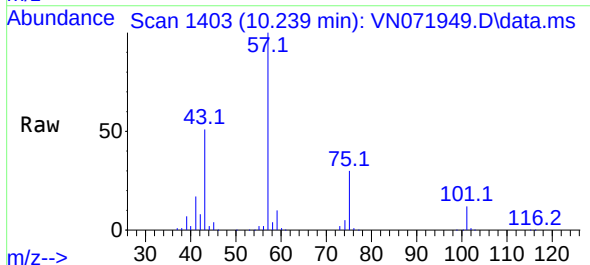
Tgt Ion: 75 Resp: 113429

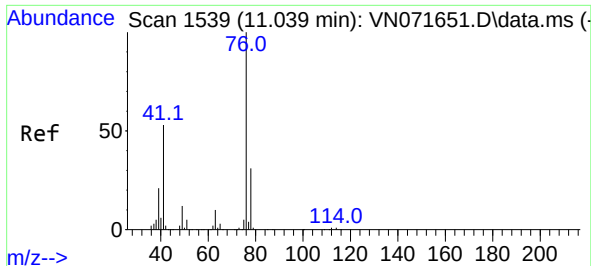
Ion Ratio Lower Upper

75 100

77 0.7 25.2 37.8#

39 23.7 35.7 53.5#





#57

1,3-Dichloropropane

Concen: 5.383 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN071949.D

Acq: 11 Apr 2022 20:29

Instrument :

MSVOA_N

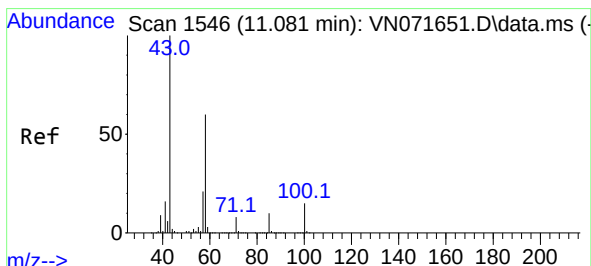
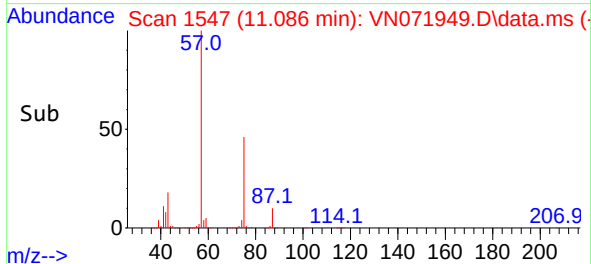
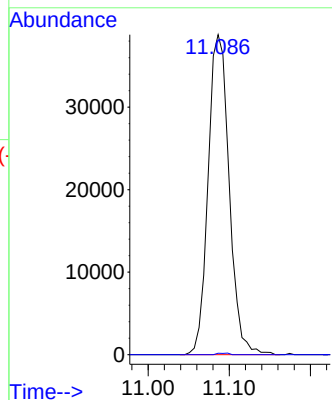
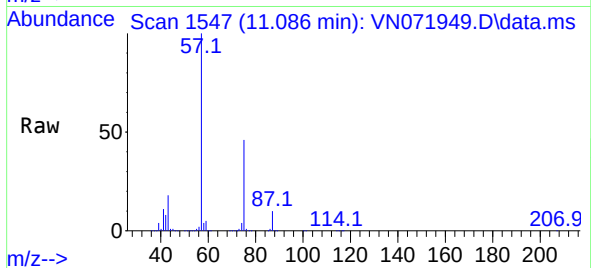
ClientSampleId :

Tgt Ion: 76 Resp: 69742

Ion Ratio Lower Upper

76 100

78 0.3 26.2 39.2#



#59

2-Hexanone

Concen: 119.938 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.005 min

Lab File: VN071949.D

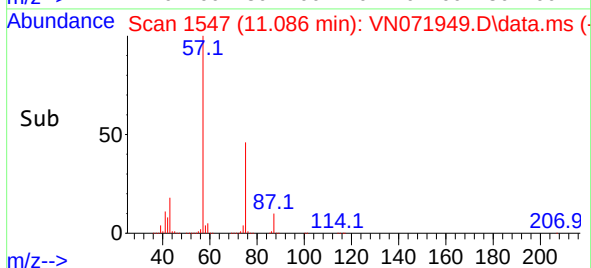
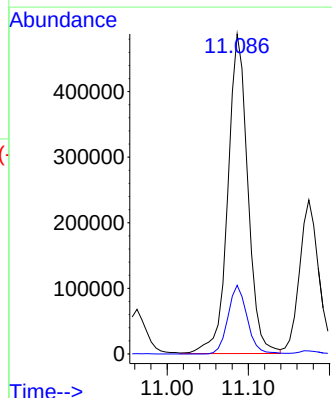
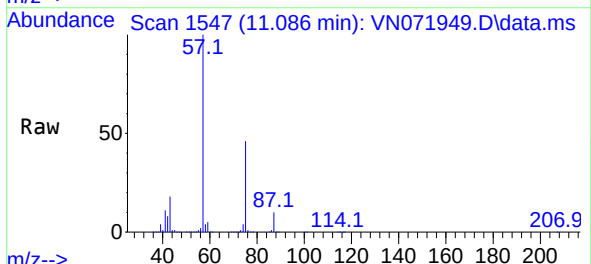
Acq: 11 Apr 2022 20:29

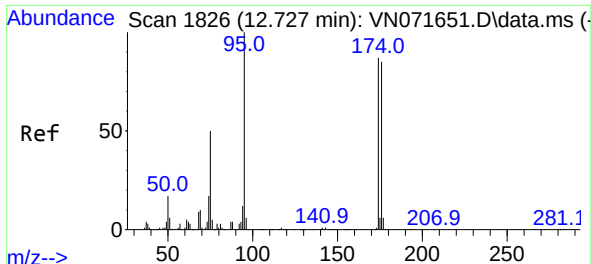
Tgt Ion: 43 Resp: 833466

Ion Ratio Lower Upper

43 100

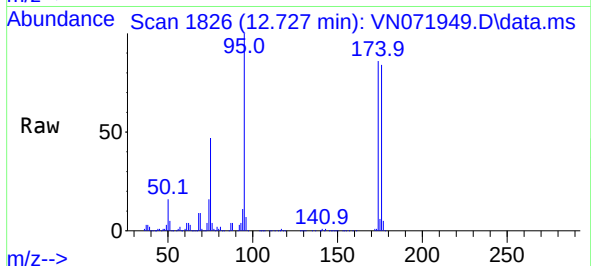
58 20.7 29.7 89.1#



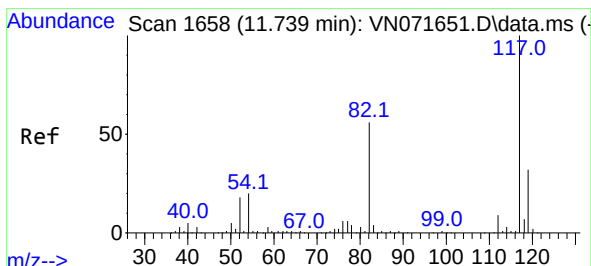
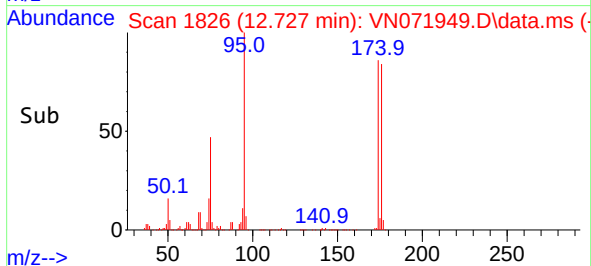
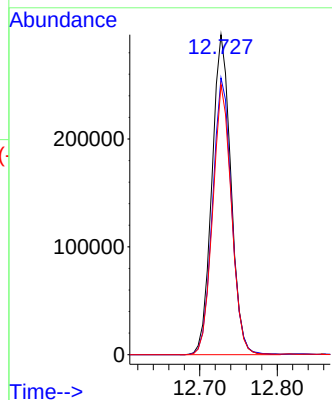


#62
4-Bromofluorobenzene
Concen: 56.423 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :

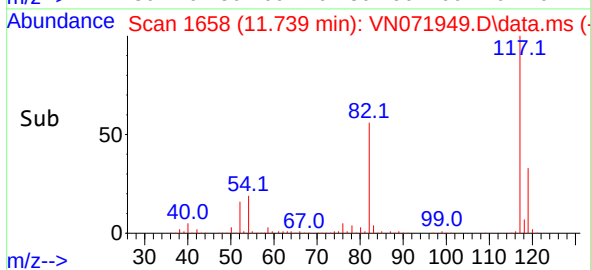
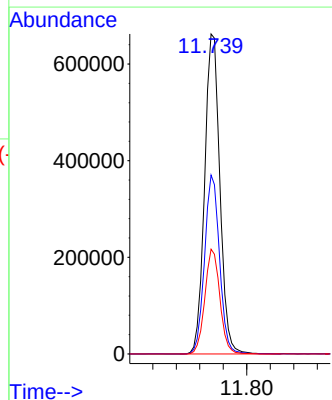
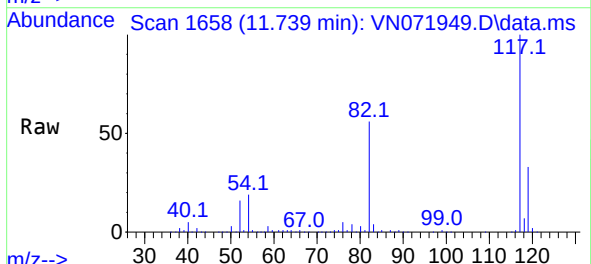


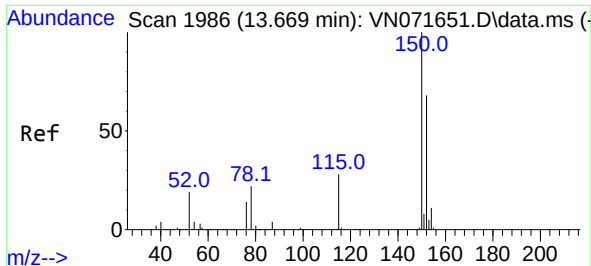
Tgt Ion: 95 Resp: 504066
Ion Ratio Lower Upper
95 100
174 86.6 0.0 167.6
176 83.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

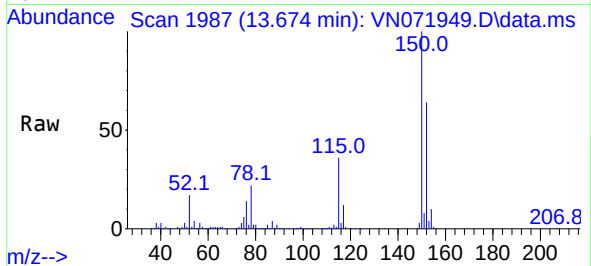
Tgt Ion: 117 Resp: 1196474
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.8 25.4 38.0



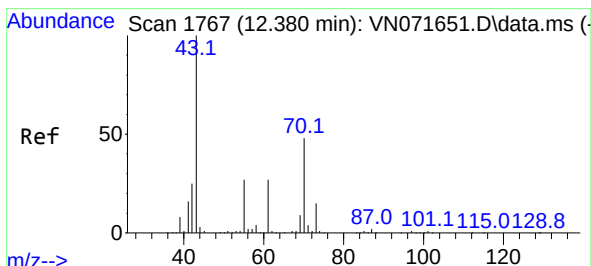
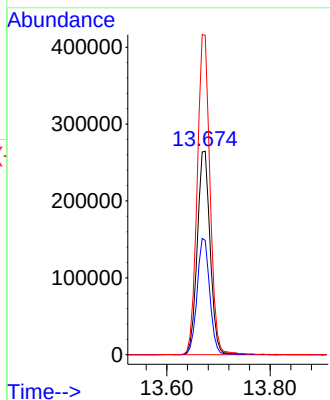
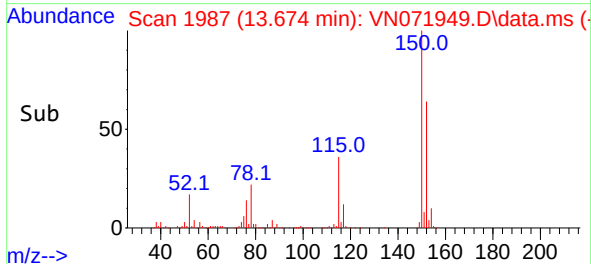


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

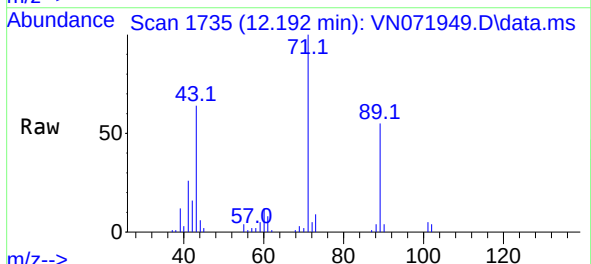
Instrument :
MSVOA_N
ClientSampleId :



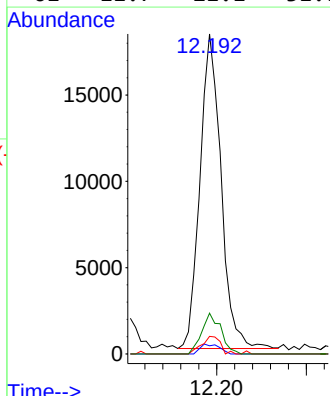
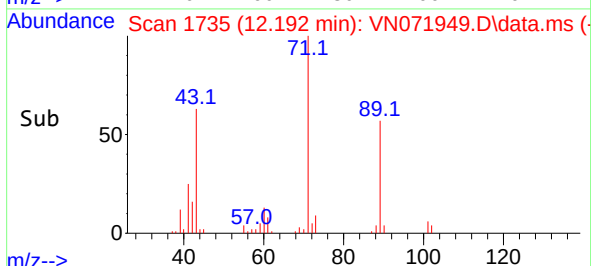
Tgt Ion:152 Resp: 458297
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 155.6 0.0 356.2

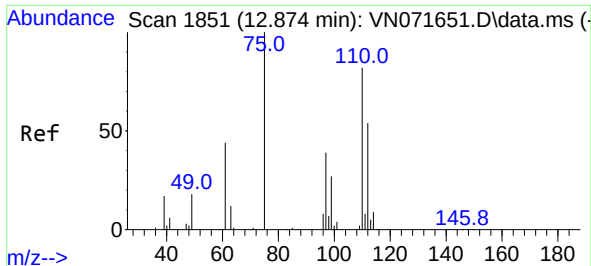


#74
N-ethyl acetate
Concen: 2.694 ug/l
RT: 12.192 min Scan# 1735
Delta R.T. -0.188 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29



Tgt Ion: 43 Resp: 29805
Ion Ratio Lower Upper
43 100
70 2.8 39.0 58.4#
55 5.0 21.1 31.7#
61 11.7 21.1 31.7#

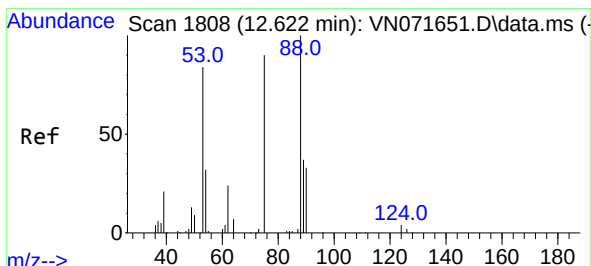
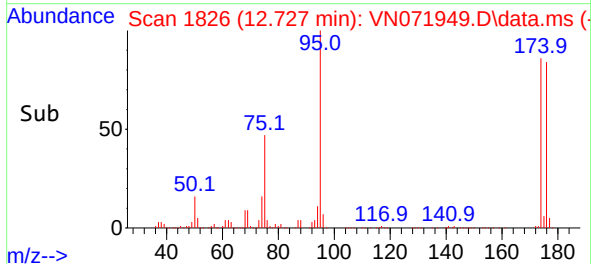
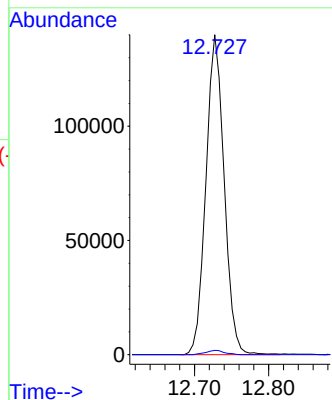
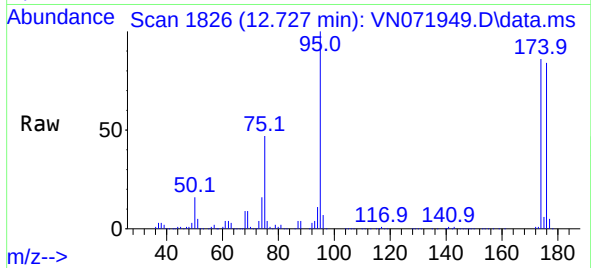




#76
1,2,3-Trichloropropane
Concen: 22.578 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

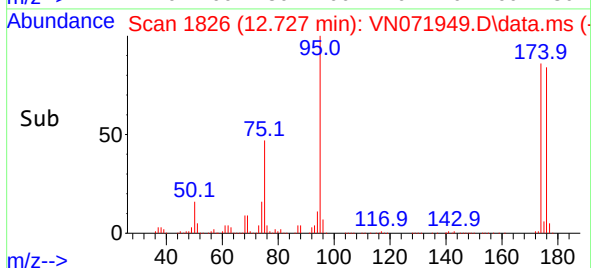
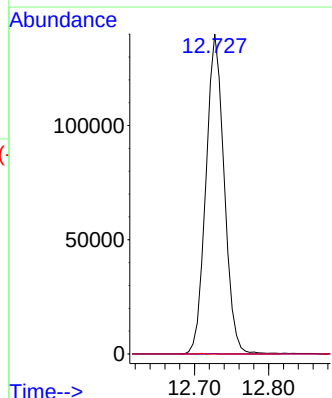
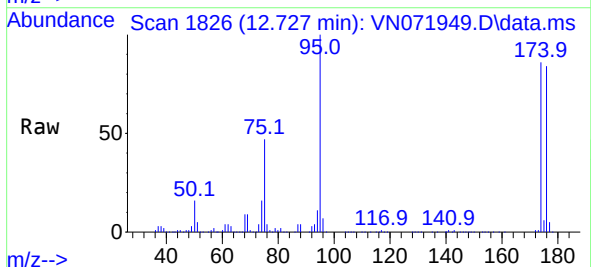
Instrument :
MSVOA_N
ClientSampleId :

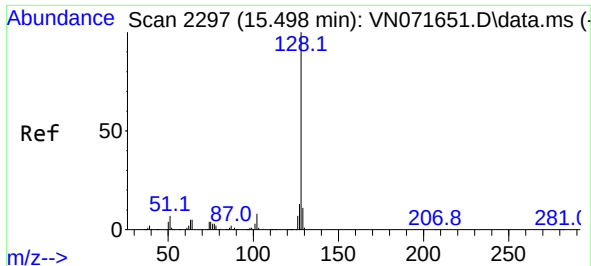
Tgt Ion: 75 Resp: 239705
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.968 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

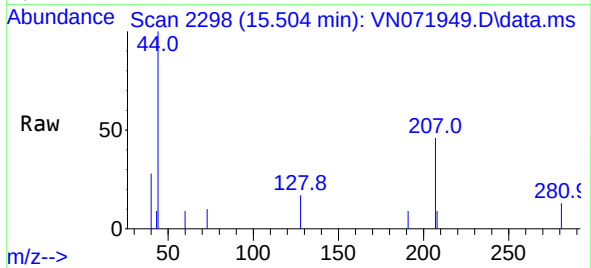
Tgt Ion: 75 Resp: 239705
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.813 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071949.D
Acq: 11 Apr 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	231
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

