

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071951.D
 Acq On : 11 Apr 2022 21:18
 Operator : JC\MD
 Sample : PB143992ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 12 08:43:31 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)

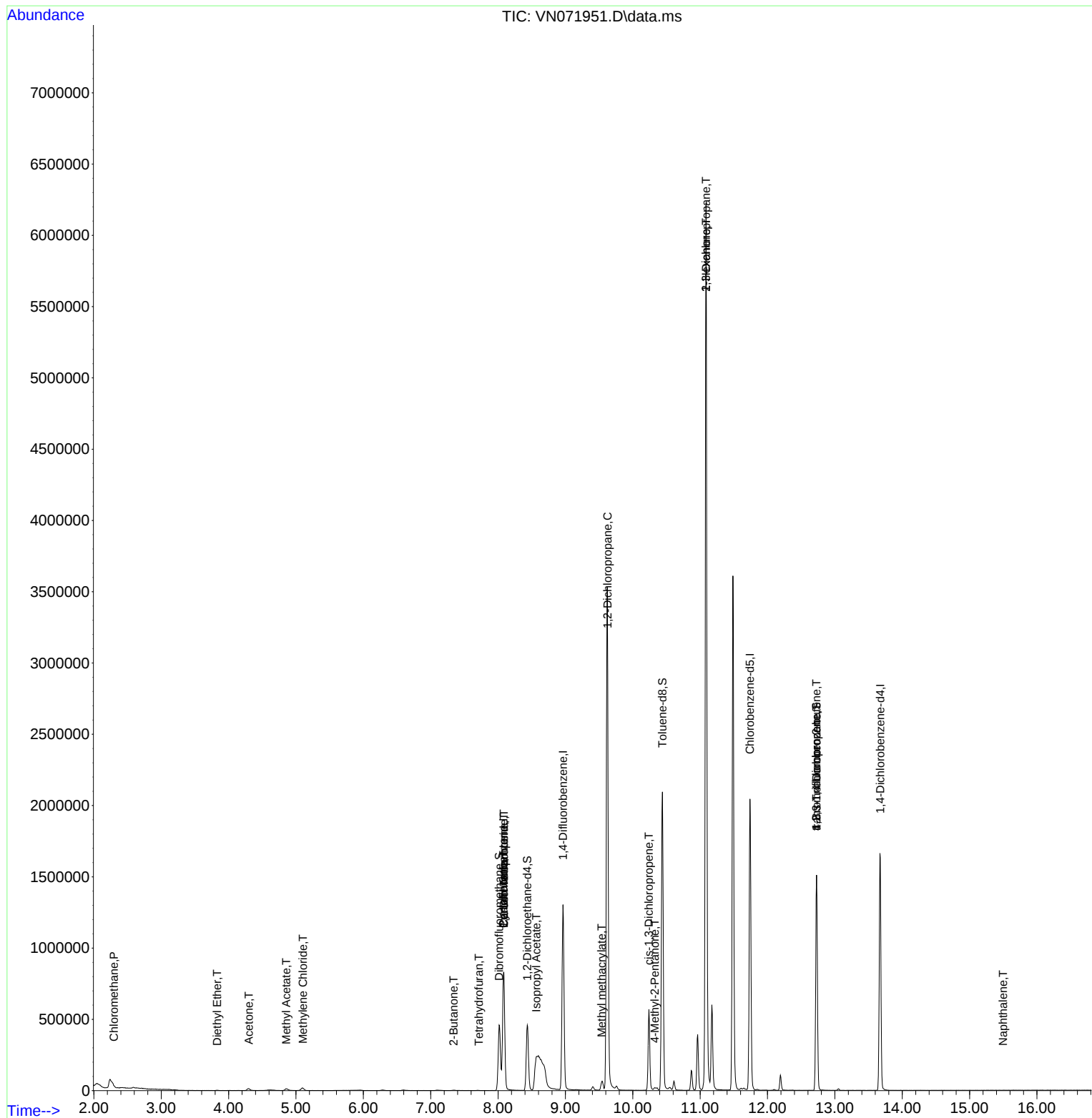
Internal Standards						
1) Pentafluorobenzene	8.081	168	701911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1216790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1286550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	503072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	383995	47.921	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.840%
35) Dibromofluoromethane	8.016	113	345113	48.199	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.400%
50) Toluene-d8	10.439	98	1545720	52.772	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.727	95	555474	58.638	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.280%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1805	0.255	ug/l #	82
8) Diethyl Ether	3.828	74	1089	0.261	ug/l	55
16) Acetone	4.299	43	24354	7.112	ug/l	97
18) Methyl Acetate	4.857	43	27232	1.750	ug/l	100
20) Methylene Chloride	5.104	84	15445	2.140	ug/l	86
25) 2-Butanone	7.339	43	5163	1.046	ug/l #	75
29) Tetrahydrofuran	7.716	42	1268	0.397	ug/l #	46
31) Cyclohexane	8.081	56	11107	1.019	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	46079	4.608	ug/l #	48
38) Carbon Tetrachloride	8.086	117	61055	6.230	ug/l #	16
43) Isopropyl Acetate	8.569	43	211592	11.624	ug/l #	69
45) 1,2-Dichloropropane	9.628	63	5025	0.637	ug/l #	44
48) Methyl methacrylate	9.539	41	15878	2.102	ug/l #	10
49) 1,4-Dioxane	9.622	88	696	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.328	43	11475	1.096	ug/l	99
54) cis-1,3-Dichloropropene	10.239	75	114324	9.361	ug/l #	58
57) 1,3-Dichloropropane	11.086	76	71750	5.222	ug/l #	42
59) 2-Hexanone	11.086	43	853354	115.811	ug/l #	49
76) 1,2,3-Trichloropropane	12.727	75	260375	22.342	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	260375	69.237	ug/l #	10
95) Naphthalene	15.498	128	297	3.815	ug/l #	69

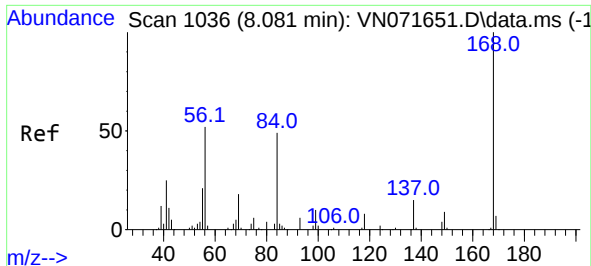
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
Data File : VN071951.D
Acq On : 11 Apr 2022 21:18
Operator : JC\MD
Sample : PB143992ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

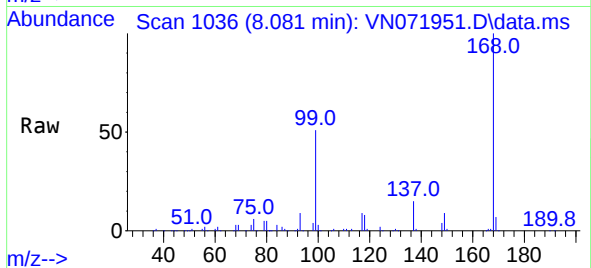
Quant Time: Apr 12 08:43:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration



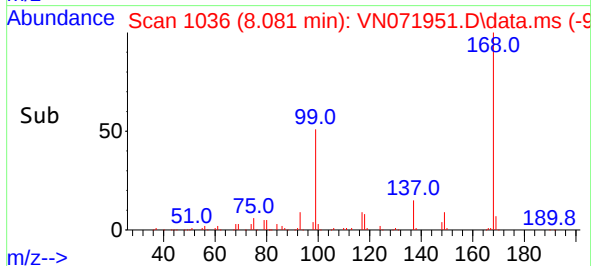
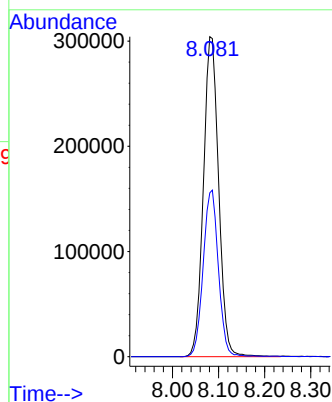


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :

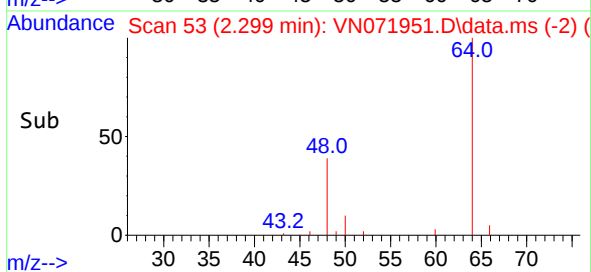
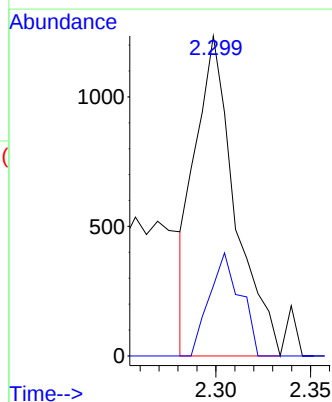
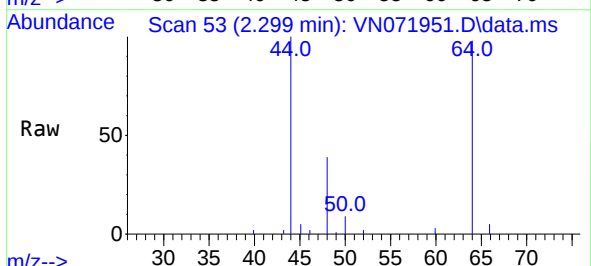


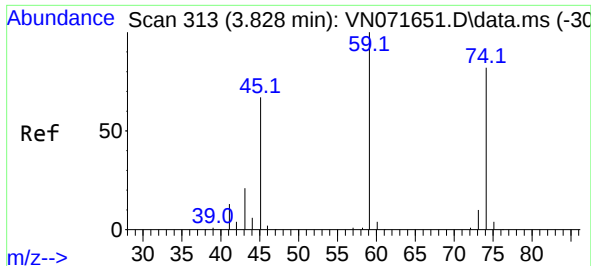
Tgt Ion:168 Resp: 701911
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#3
Chloromethane
Concen: 0.255 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

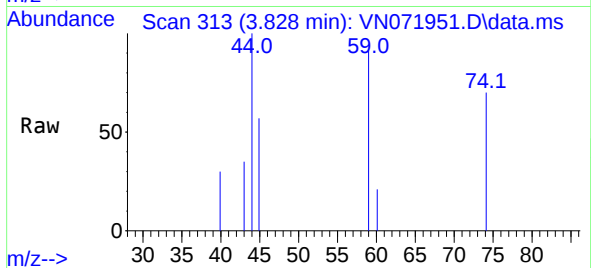
Tgt Ion: 50 Resp: 1805
Ion Ratio Lower Upper
50 100
52 21.9 25.7 38.5#



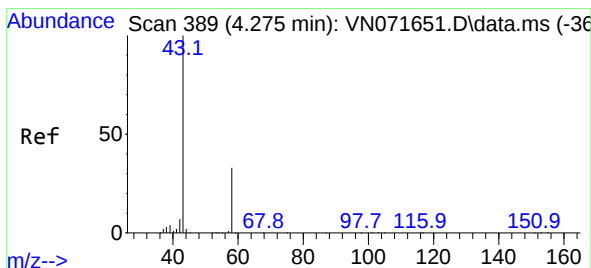
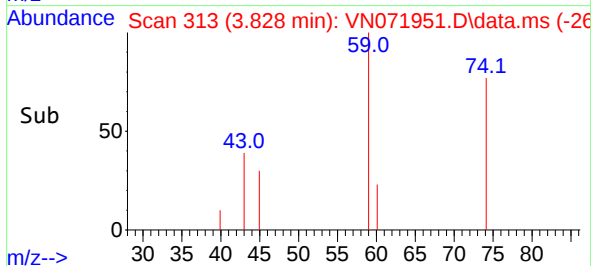
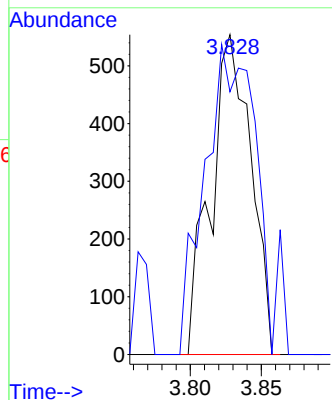


#8
Diethyl Ether
Concen: 0.261 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :

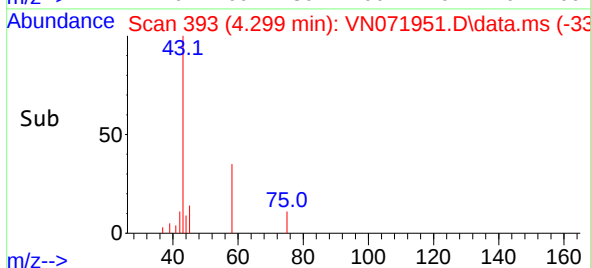
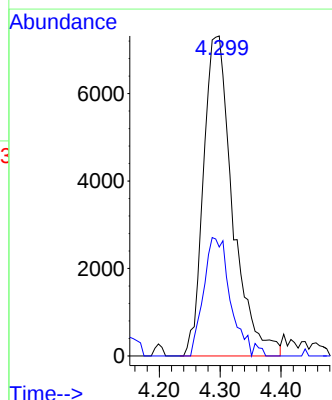
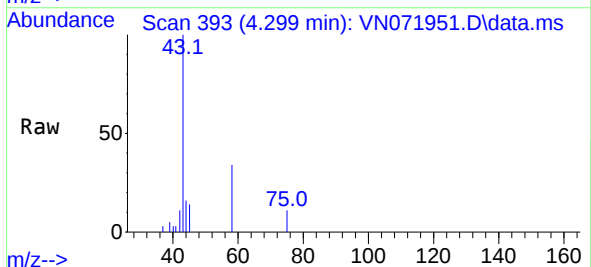


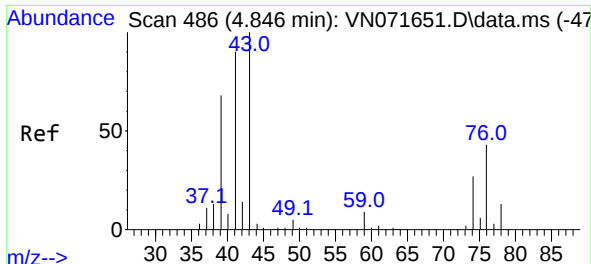
Tgt Ion: 74 Resp: 1089
Ion Ratio Lower Upper
74 100
45 127.2 42.9 128.5



#16
Acetone
Concen: 7.112 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Tgt Ion: 43 Resp: 24354
Ion Ratio Lower Upper
43 100
58 34.0 26.0 39.0

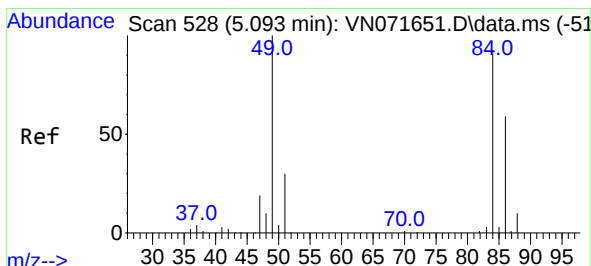
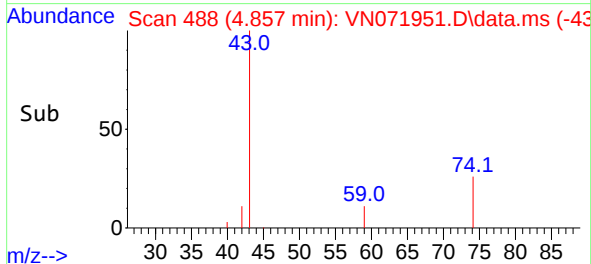
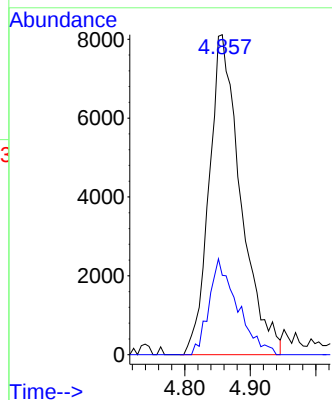
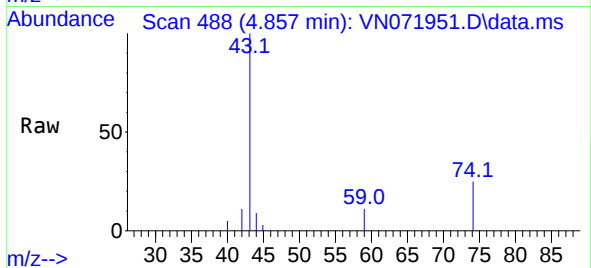




#18
Methyl Acetate
Concen: 1.750 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

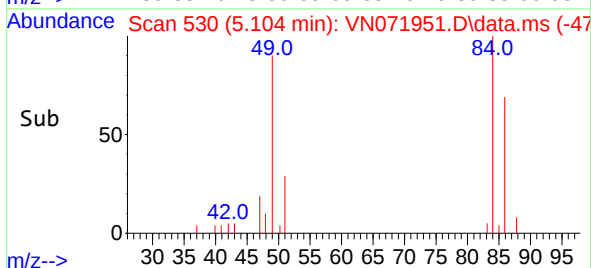
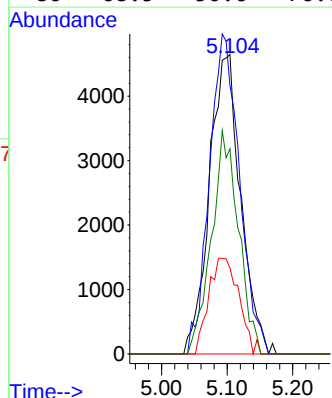
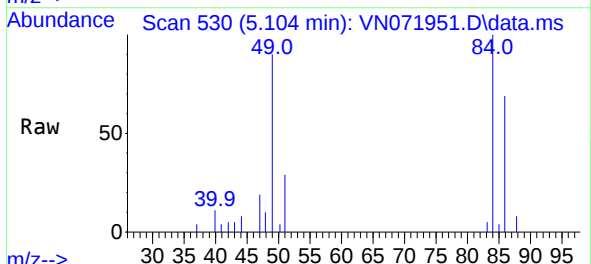
Instrument :
MSVOA_N
ClientSampleId :

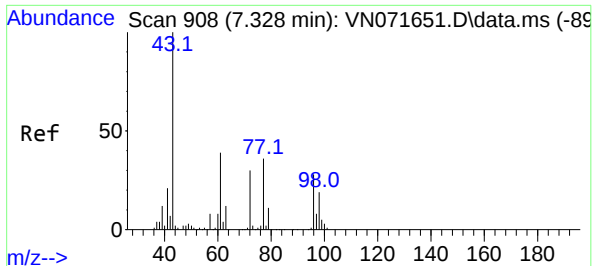
Tgt Ion: 43 Resp: 27232
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4



#20
Methylene Chloride
Concen: 2.140 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.011 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Tgt Ion: 84 Resp: 15445
Ion Ratio Lower Upper
84 100
49 89.8 88.3 132.5
51 28.8 28.2 42.2
86 68.5 50.6 76.0





#25

2-Butanone

Concen: 1.046 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.011 min

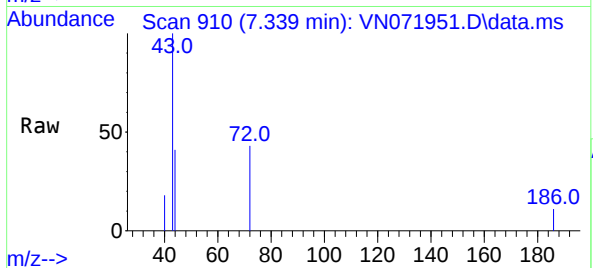
Lab File: VN071951.D

Acq: 11 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

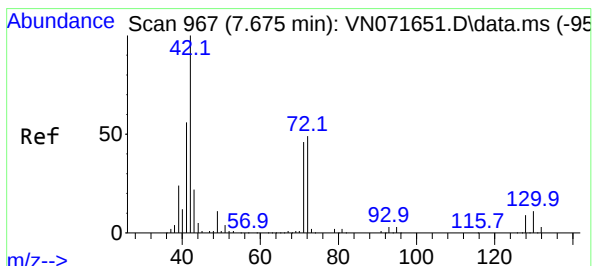
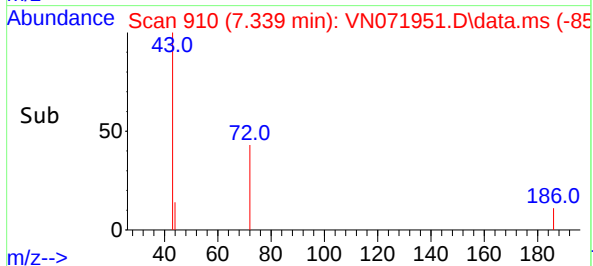
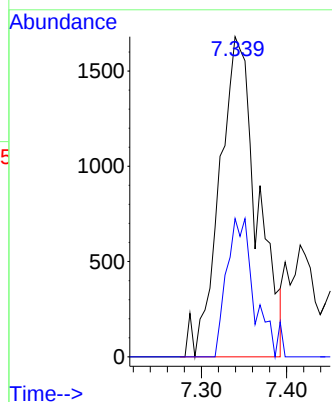


Tgt Ion: 43 Resp: 5163

Ion Ratio Lower Upper

43 100

72 43.2 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.397 ug/l

RT: 7.716 min Scan# 974

Delta R.T. 0.041 min

Lab File: VN071951.D

Acq: 11 Apr 2022 21:18

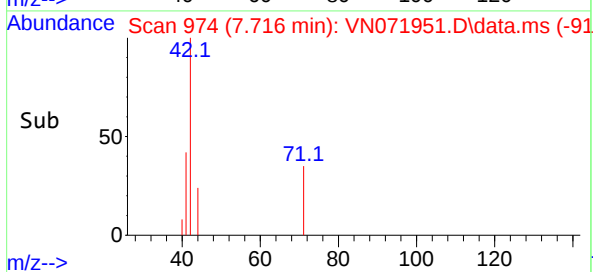
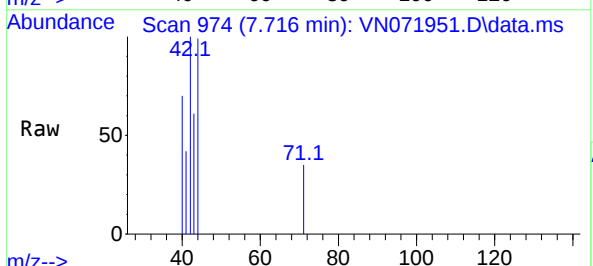
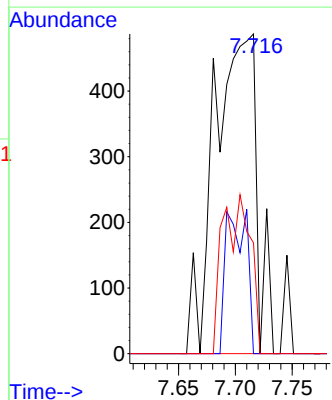
Tgt Ion: 42 Resp: 1268

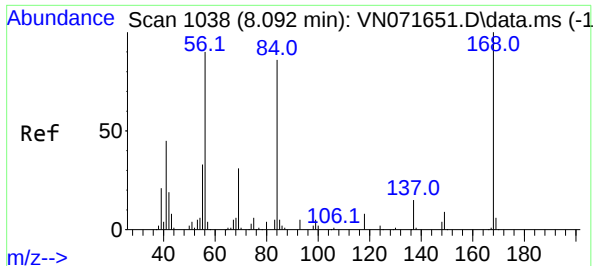
Ion Ratio Lower Upper

42 100

72 21.9 39.7 59.5#

71 0.0 36.6 55.0#





#31

Cyclohexane

Concen: 1.019 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

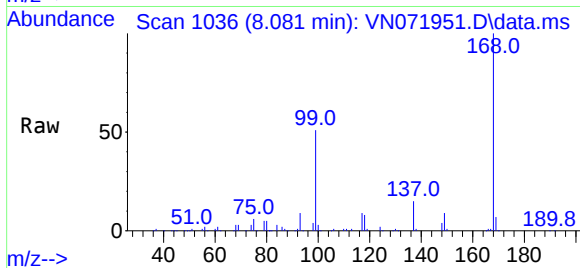
Lab File: VN071951.D

Acq: 11 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :



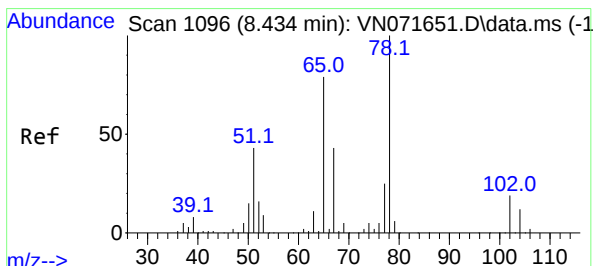
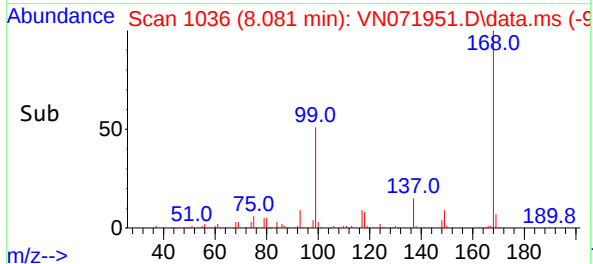
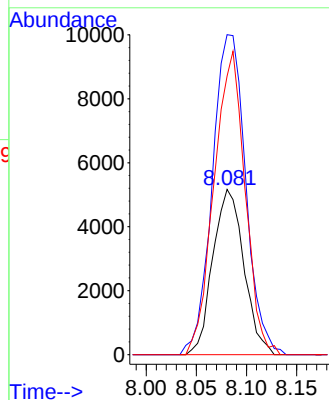
Tgt Ion: 56 Resp: 11107

Ion Ratio Lower Upper

56 100

69 193.7 27.8 41.8#

84 168.5 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.921 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071951.D

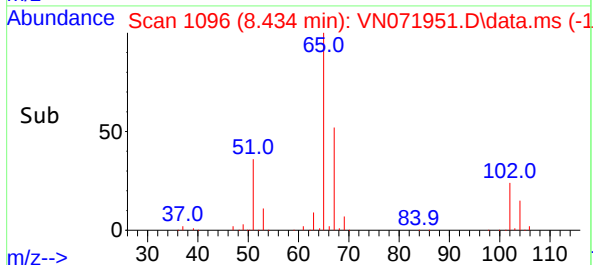
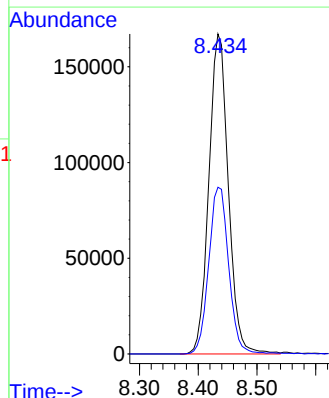
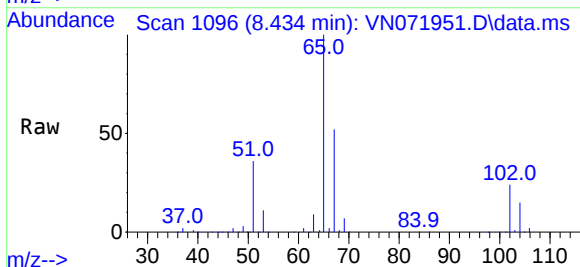
Acq: 11 Apr 2022 21:18

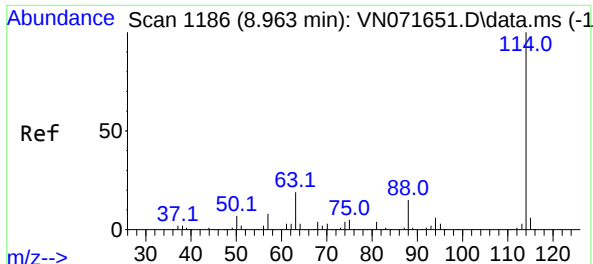
Tgt Ion: 65 Resp: 383995

Ion Ratio Lower Upper

65 100

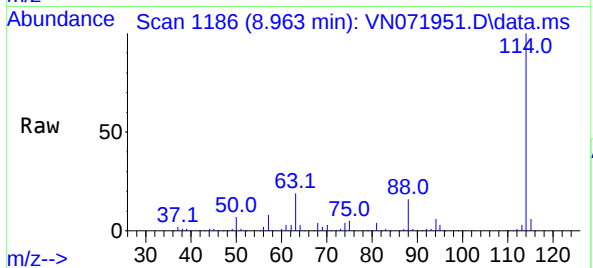
67 53.6 0.0 104.8



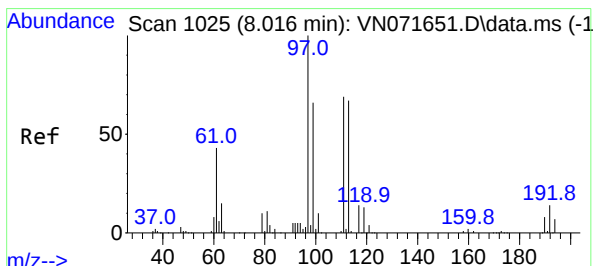
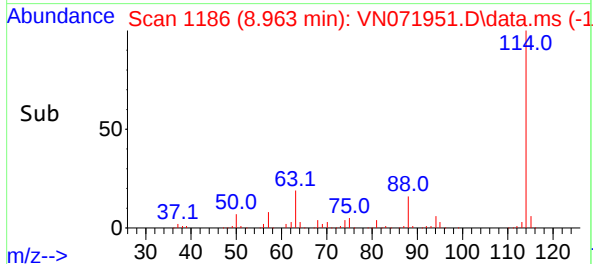
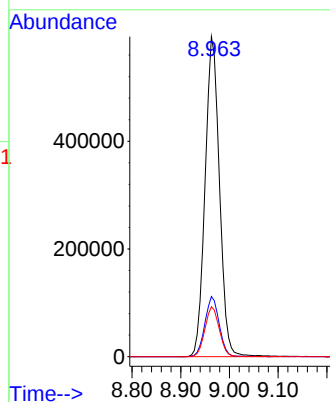


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :

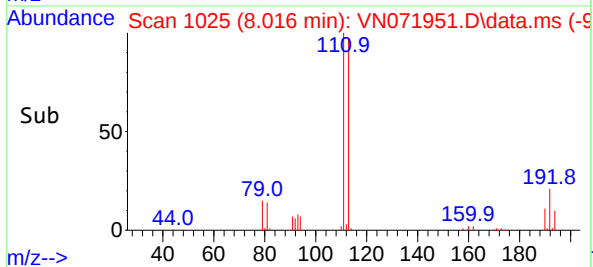
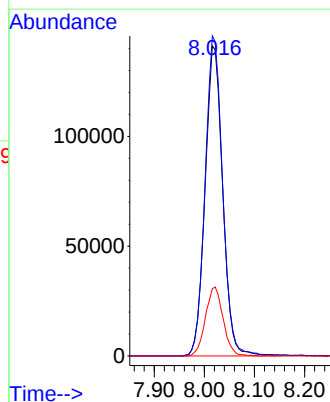
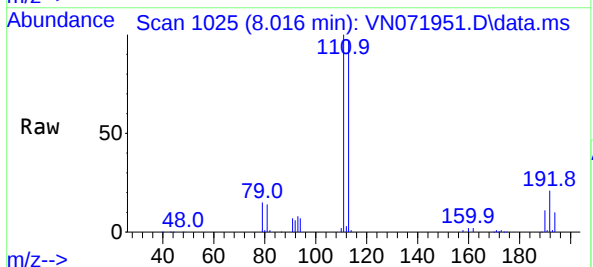


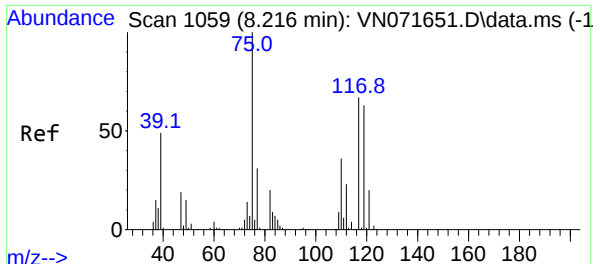
Tgt Ion:114 Resp: 1216790
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.199 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Tgt Ion:113 Resp: 345113
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.608 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

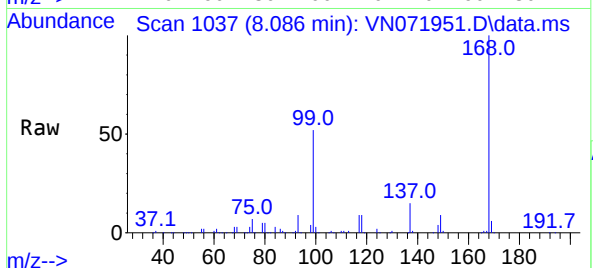
Lab File: VN071951.D

Acq: 11 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :



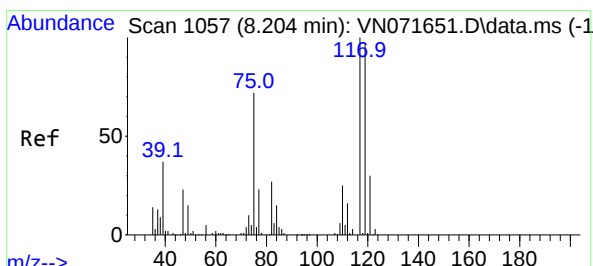
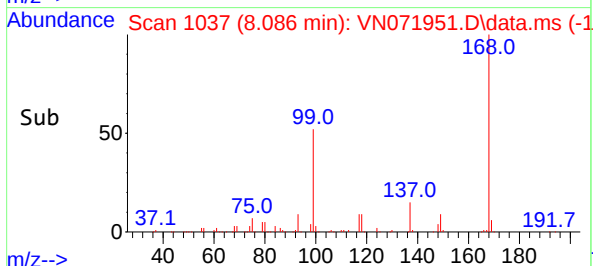
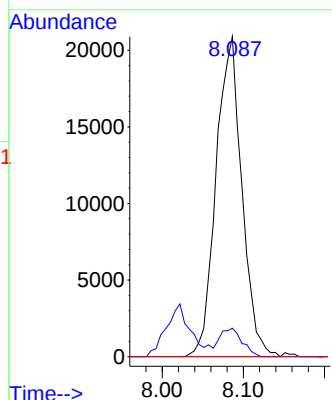
Tgt Ion: 75 Resp: 46079

Ion Ratio Lower Upper

75 100

110 7.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.230 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN071951.D

Acq: 11 Apr 2022 21:18

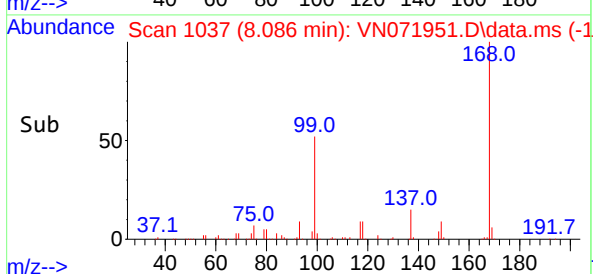
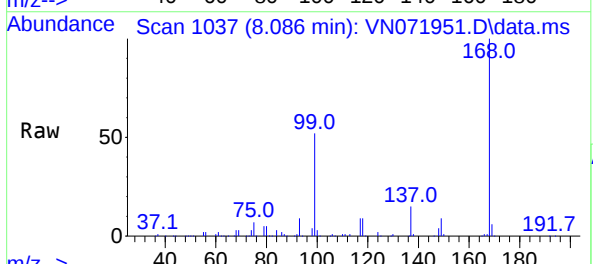
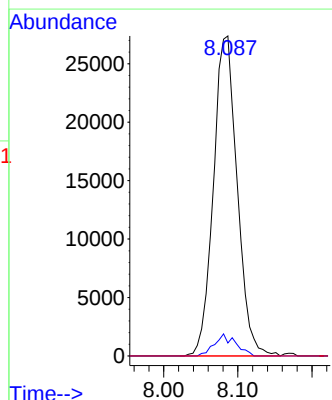
Tgt Ion: 117 Resp: 61055

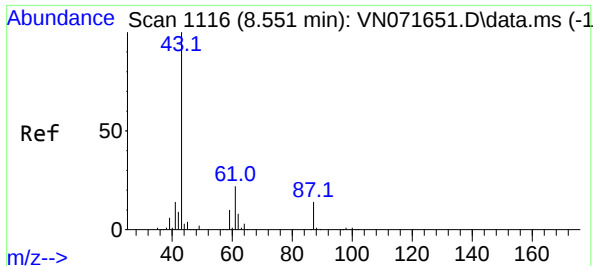
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.8#

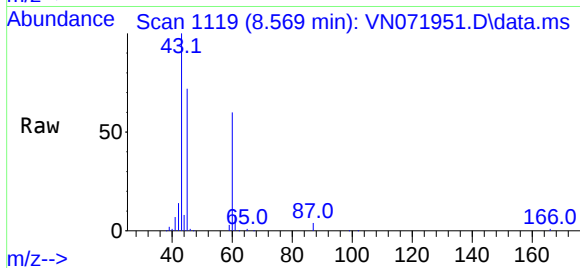
121 0.0 24.6 37.0#



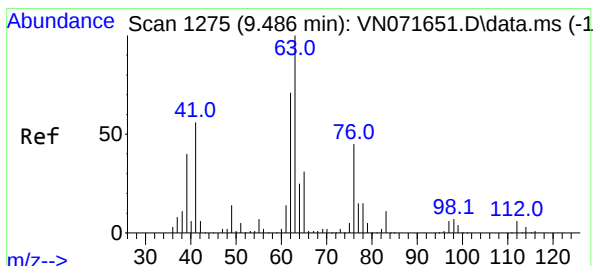
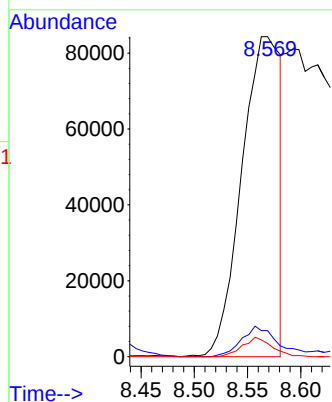
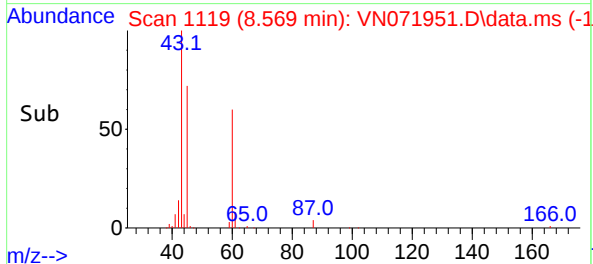


#43
Isopropyl Acetate
Concen: 11.624 ug/l
RT: 8.569 min Scan# 1116
Delta R.T. 0.018 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :

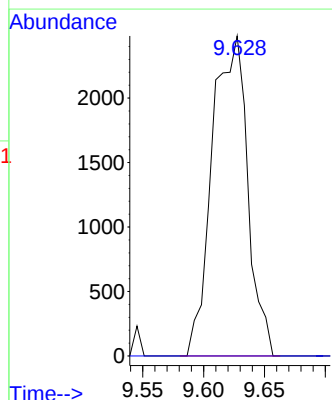
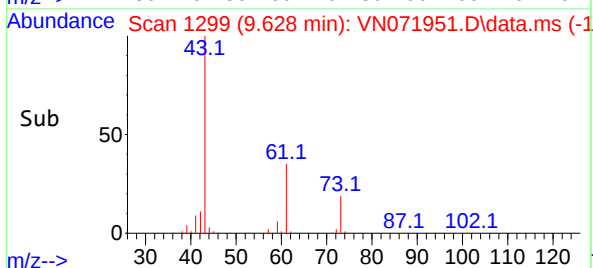
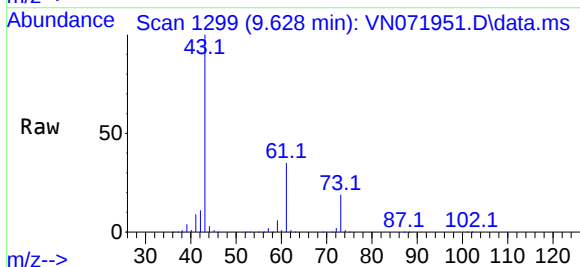


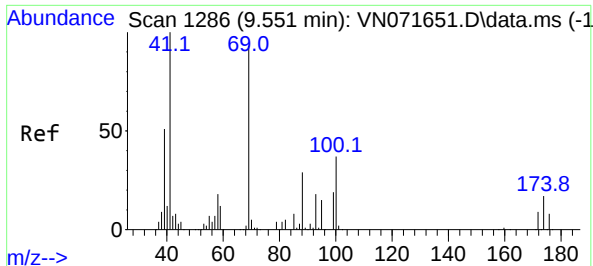
Tgt Ion: 43 Resp: 211592
Ion Ratio Lower Upper
43 100
61 9.1 21.9 32.9#
87 4.6 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.637 ug/l
RT: 9.628 min Scan# 1299
Delta R.T. 0.142 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Tgt Ion: 63 Resp: 5025
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#





#48

Methyl methacrylate

Concen: 2.102 ug/l

RT: 9.539 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN071951.D

Acq: 11 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

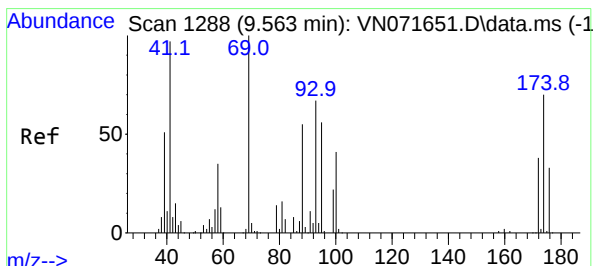
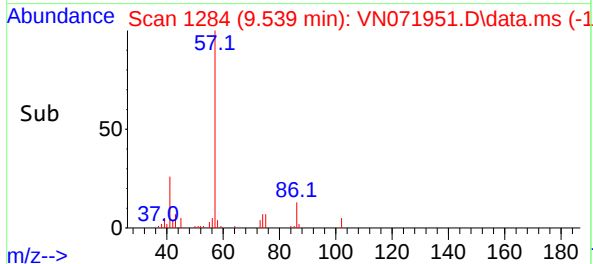
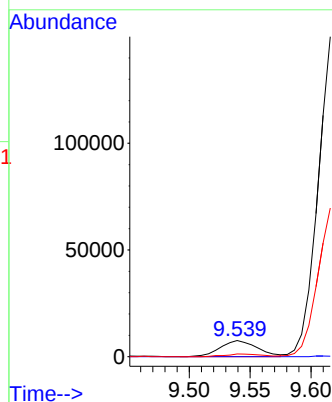
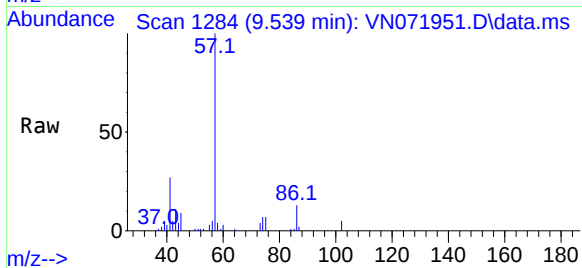
Tgt Ion: 41 Resp: 15878

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# 1298

Delta R.T. 0.059 min

Lab File: VN071951.D

Acq: 11 Apr 2022 21:18

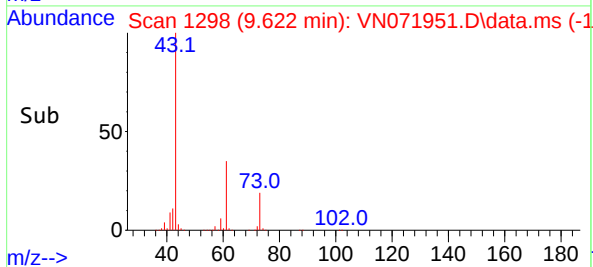
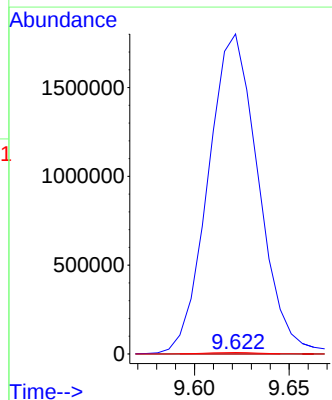
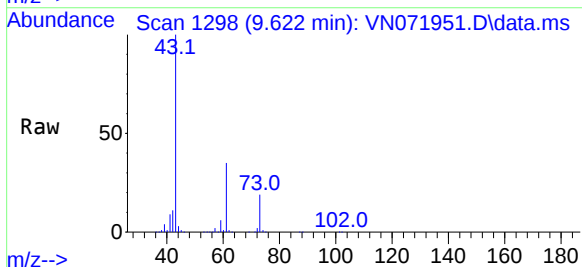
Tgt Ion: 88 Resp: 696

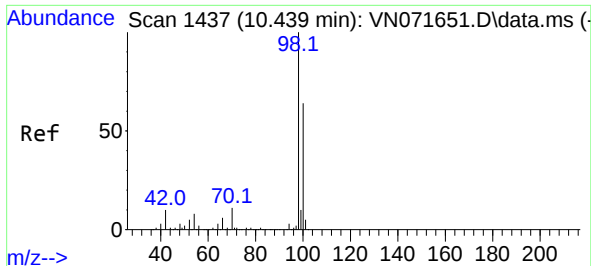
Ion Ratio Lower Upper

88 100

43 486281.8 20.2 30.4#

58 2342.1 54.2 81.4#

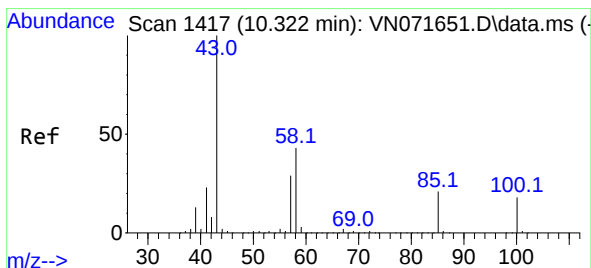
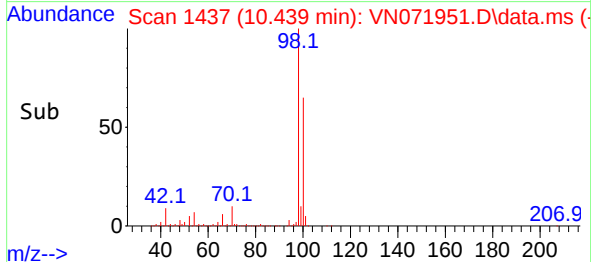
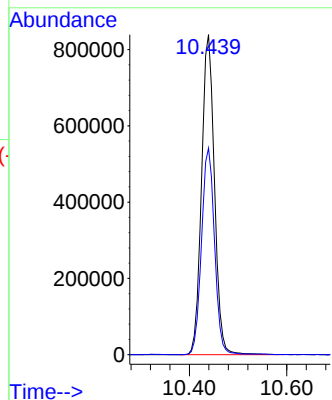
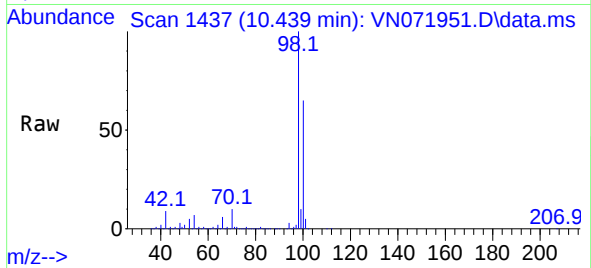




#50
Toluene-d8
Concen: 52.772 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

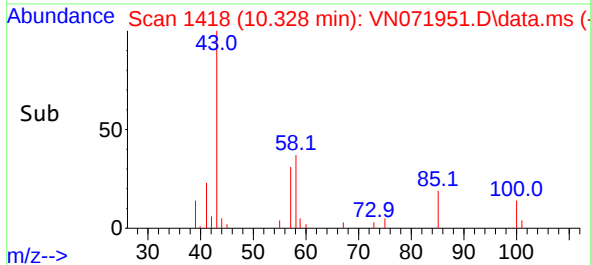
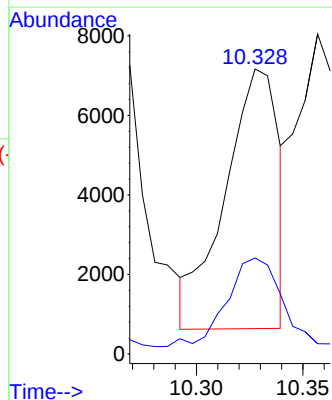
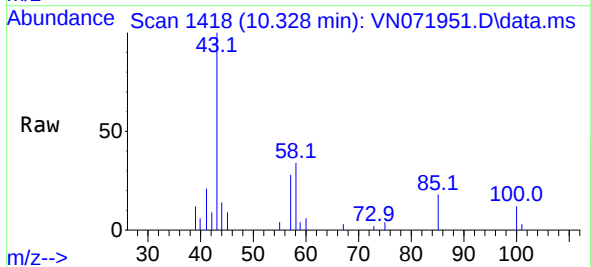
Instrument :
MSVOA_N
ClientSampleId :

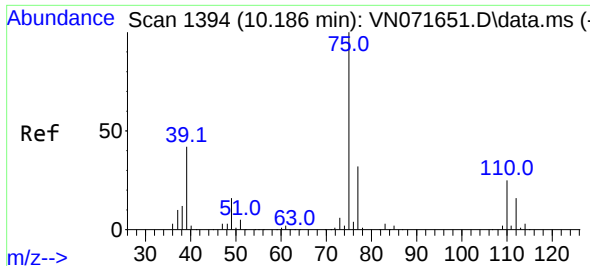
Tgt Ion: 98 Resp: 1545720
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.096 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

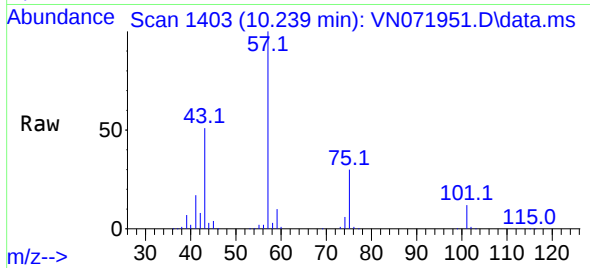
Tgt Ion: 43 Resp: 11475
Ion Ratio Lower Upper
43 100
58 43.2 34.1 51.1



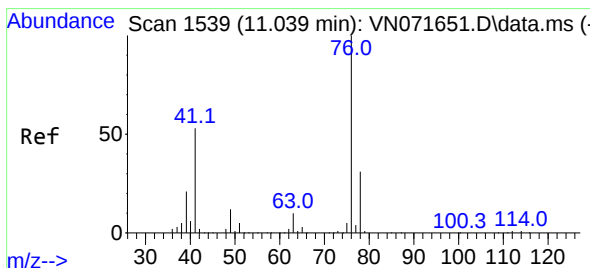
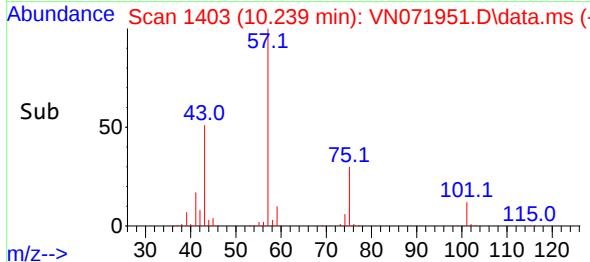
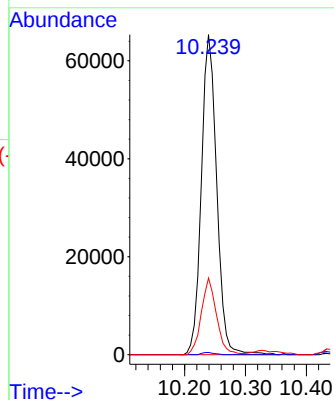


#54
cis-1,3-Dichloropropene
Concen: 9.361 ug/l
RT: 10.239 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :

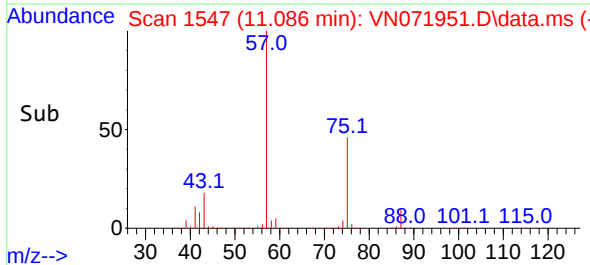
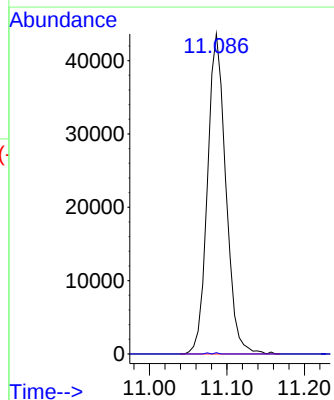
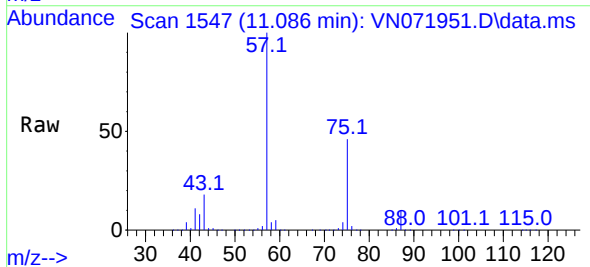


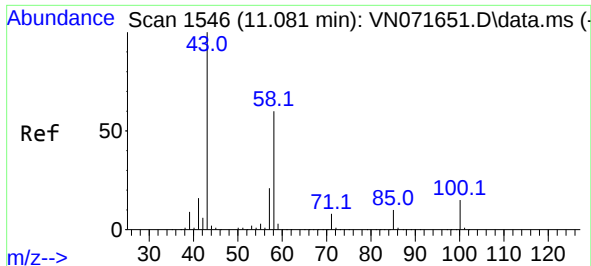
Tgt Ion: 75 Resp: 114324
Ion Ratio Lower Upper
75 100
77 0.7 25.2 37.8#
39 24.0 35.7 53.5#



#57
1,3-Dichloropropane
Concen: 5.222 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Tgt Ion: 76 Resp: 71750
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

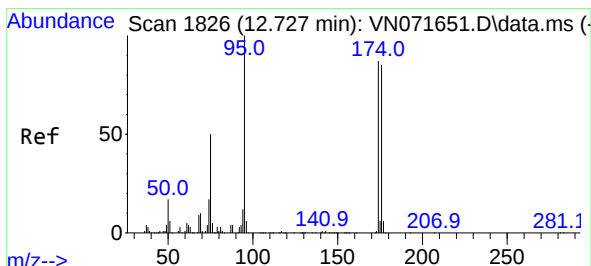
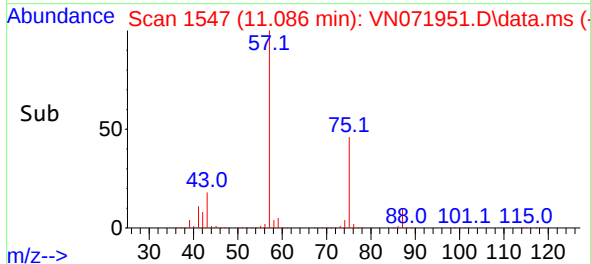
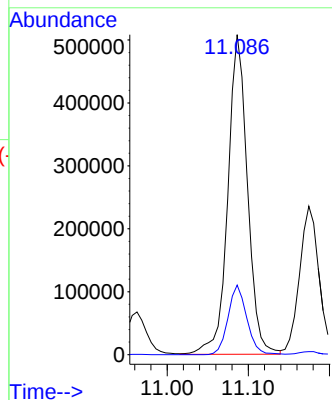
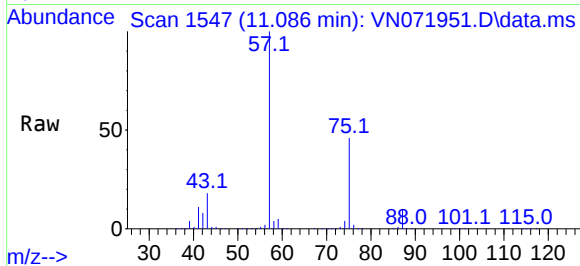




#59
2-Hexanone
Concen: 115.811 ug/l
RT: 11.086 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

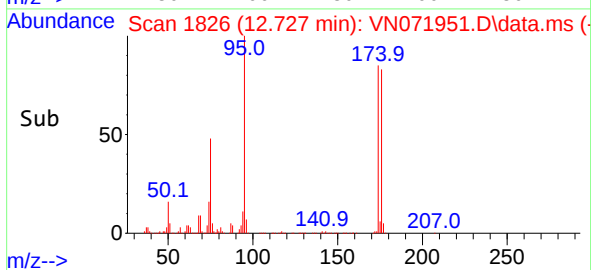
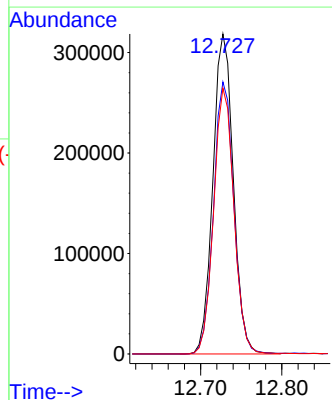
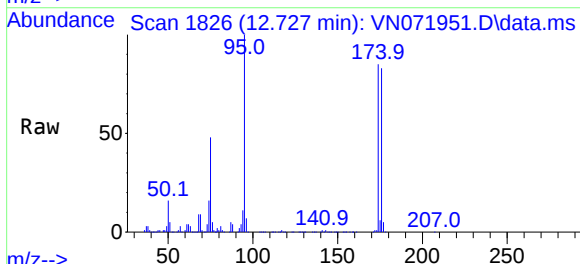
Instrument :
MSVOA_N
ClientSampleId :

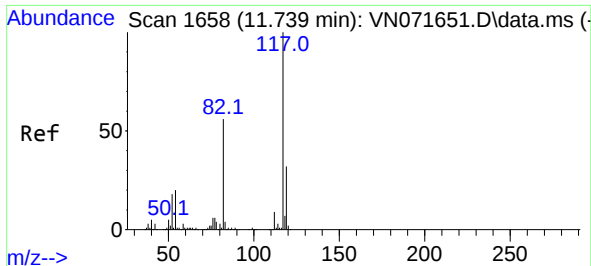
Tgt Ion: 43 Resp: 853354
Ion Ratio Lower Upper
43 100
58 20.8 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 58.638 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

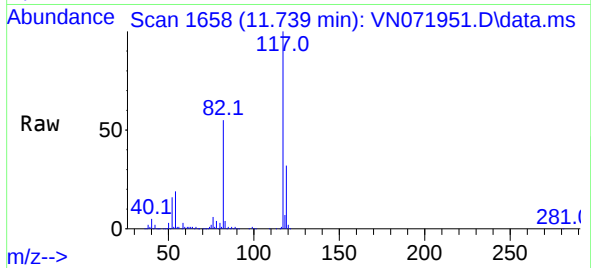
Tgt Ion: 95 Resp: 555474
Ion Ratio Lower Upper
95 100
174 84.9 0.0 167.6
176 82.7 0.0 163.4



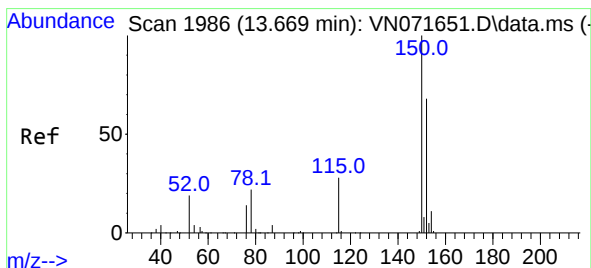
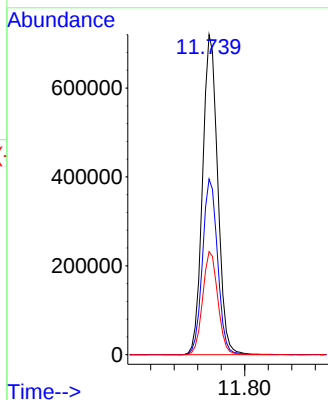
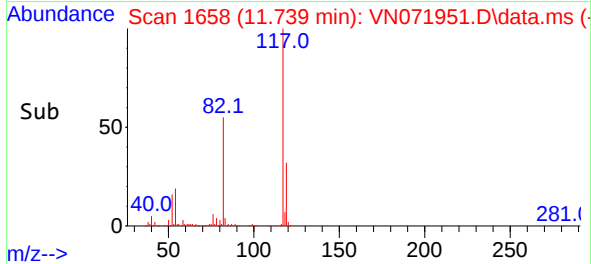


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :

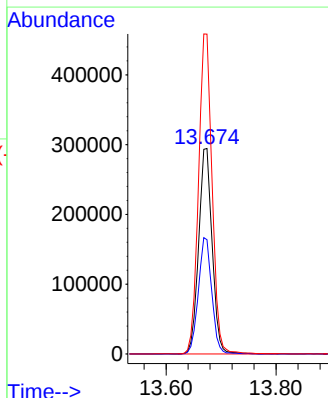
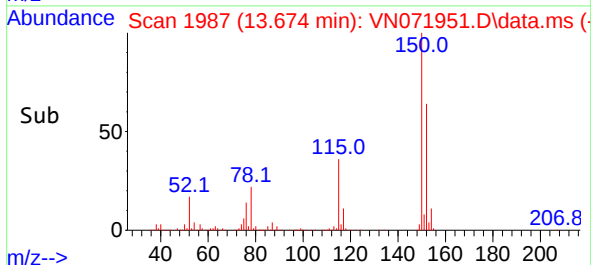
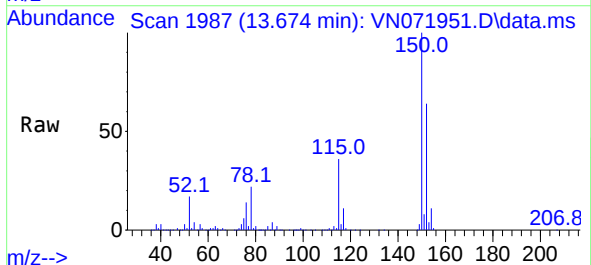


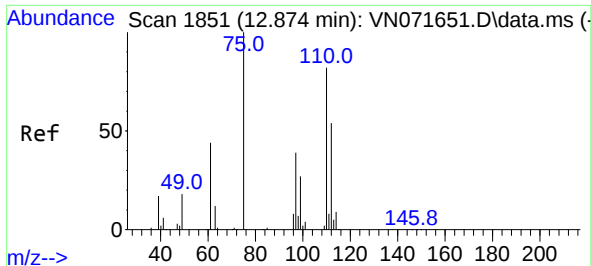
Tgt Ion:117 Resp: 1286550
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Tgt Ion:152 Resp: 503072
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 156.7 0.0 356.2

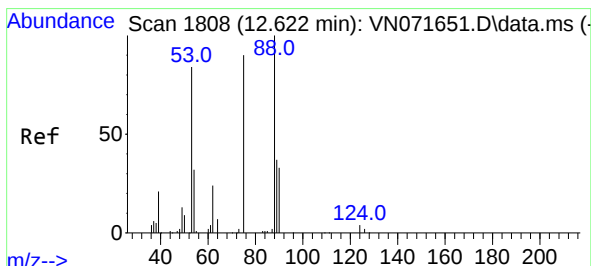
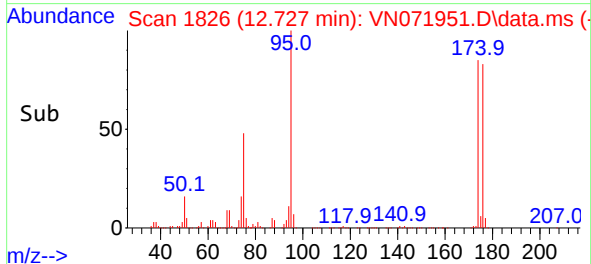
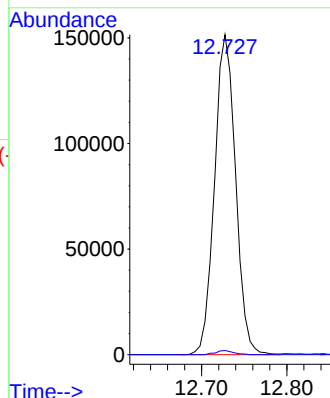
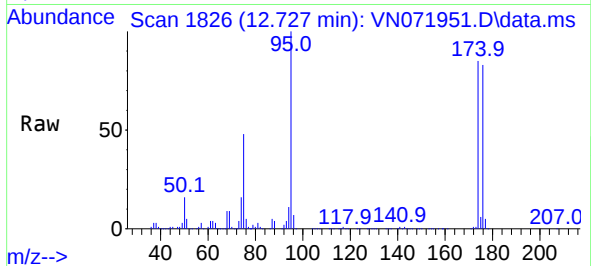




#76
1,2,3-Trichloropropane
Concen: 22.342 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

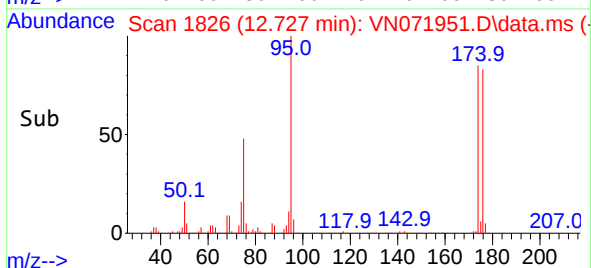
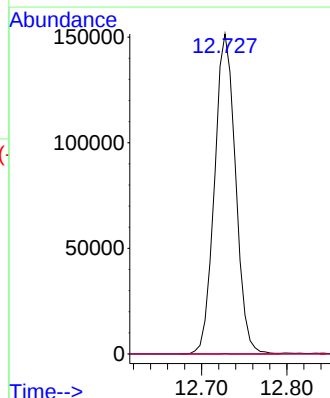
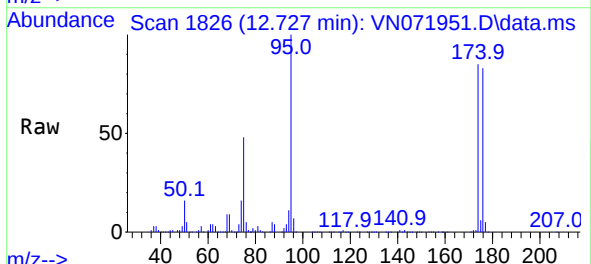
Instrument :
MSVOA_N
ClientSampleId :

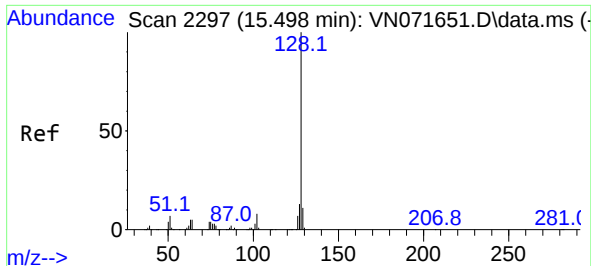
Tgt Ion: 75 Resp: 260375
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.237 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

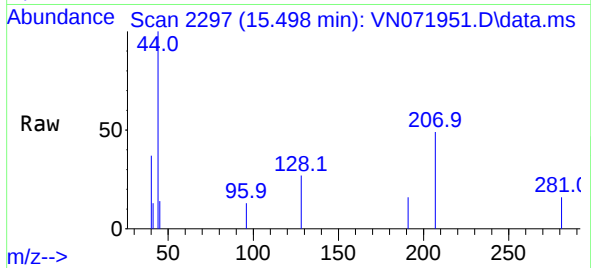
Tgt Ion: 75 Resp: 260375
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.815 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071951.D
Acq: 11 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	297
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

