

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072481.D
 Acq On : 13 May 2022 16:49
 Operator : JC\MD
 Sample : N2800-13DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL

Quant Time: May 14 02:36:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	322146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	480502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	414798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	169979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	232247	47.069	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.140%
35) Dibromofluoromethane	8.016	113	158286	49.514	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.020%
50) Toluene-d8	10.439	98	602050	49.450	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.727	95	200688	49.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	395	Below Cal	#	43
6) Chloroethane	3.010	64	383	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	3912	4.849	ug/l #	72
13) Acrolein	4.263	56	1889	2.393	ug/l #	64
15) Acrylonitrile	5.604	53	3117	1.422	ug/l #	17
16) Acetone	4.281	43	5479	2.804	ug/l #	63
18) Methyl Acetate	4.857	43	1294	0.225	ug/l #	48
20) Methylene Chloride	5.087	84	2019	0.504	ug/l #	70
25) 2-Butanone	7.333	43	5366	1.740	ug/l	91
30) Chloroform	7.775	83	1717	0.244	ug/l #	18
31) Cyclohexane	8.092	56	33937	5.191	ug/l #	80
36) 1,1-Dichloropropene	8.080	75	25982	5.659	ug/l #	51
37) Ethyl Acetate	7.333	43	5366	0.974	ug/l #	67
38) Carbon Tetrachloride	8.086	117	35330	6.875	ug/l #	16
39) Methylcyclohexane	9.457	83	22667	4.393	ug/l	90
41) Methacrylonitrile	7.680	41	615	0.225	ug/l #	33
43) Isopropyl Acetate	8.569	43	2401	0.284	ug/l #	53
48) Methyl methacrylate	9.645	41	2766	0.701	ug/l	87
51) 4-Methyl-2-Pentanone	10.333	43	2533	0.482	ug/l #	77
55) 1,1,2-Trichloroethane	10.874	97	1185	0.336	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.822	63	64	17.384	ug/l #	44
59) 2-Hexanone	11.086	43	3489	0.947	ug/l	95
67) Ethyl Benzene	11.839	91	9324	0.638	ug/l	99
68) m/p-Xylenes	11.945	106	107415	19.369	ug/l	91
69) o-Xylene	12.274	106	117309	21.529	ug/l	95
70) Styrene	12.274	104	6987	0.838	ug/l #	1
73) Isopropylbenzene	12.574	105	24977	1.774	ug/l	97
74) N-amyl acetate	12.380	43	2258	0.454	ug/l #	80
76) 1,2,3-Trichloropropane	12.727	75	114771	25.888	ug/l #	1
78) n-propylbenzene	12.915	91	15610	1.036	ug/l	98
79) 2-Chlorotoluene	13.104	91	2296	0.232	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	153643	13.322	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.727	75	114771	86.363	ug/l #	10
82) 4-Chlorotoluene	13.104	91	2296	0.245	ug/l	93
83) tert-Butylbenzene	13.362	119	49004	4.854	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.362	105	404687	36.072	ug/l	96

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

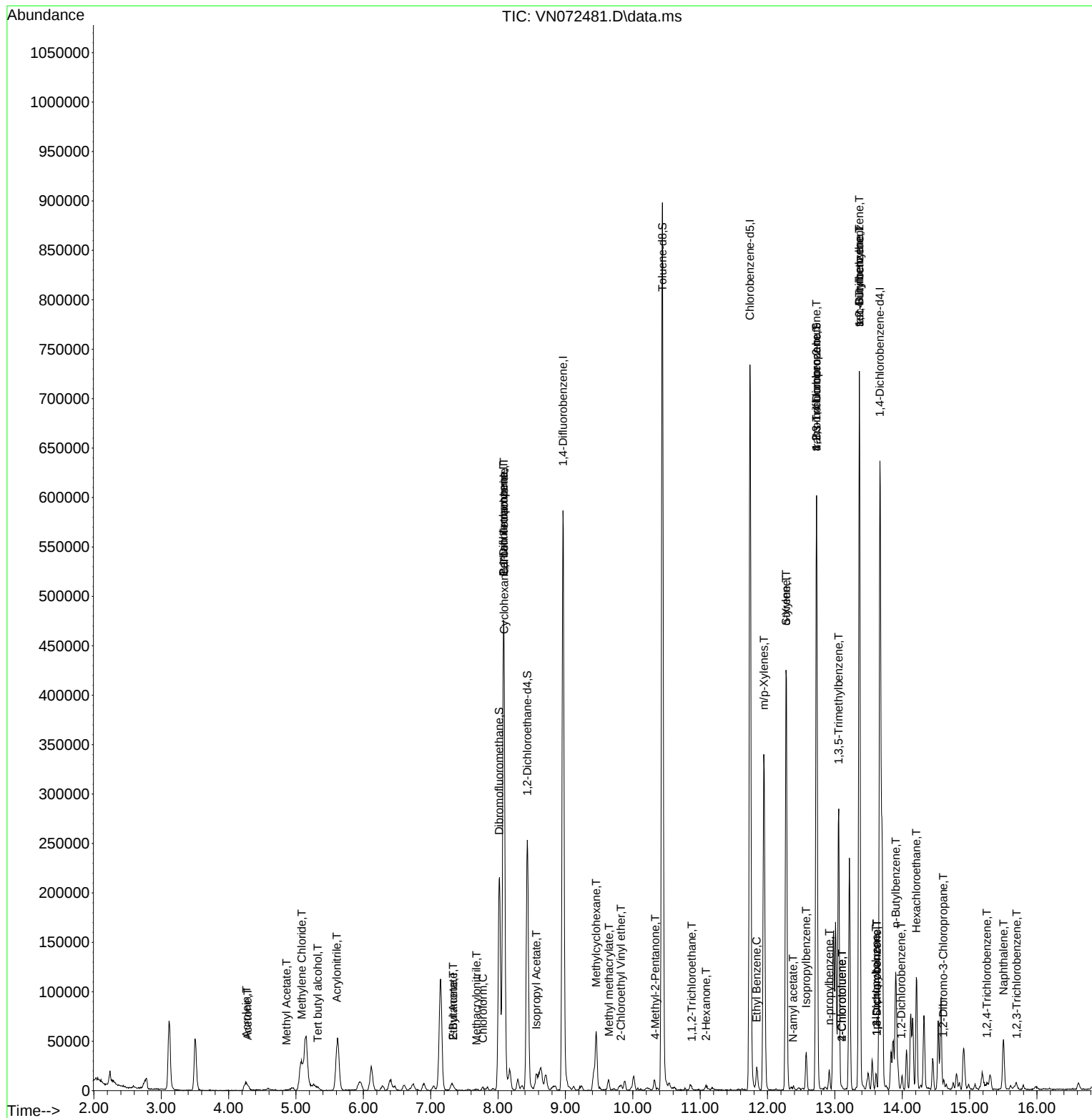
85) sec-Butylbenzene	13.362	105	404687	30.055	ug/l #	56
86) p-Isopropyltoluene	13.610	119	8076	0.770	ug/l	91
87) 1,3-Dichlorobenzene	13.621	146	1807	0.311	ug/l	84
88) 1,4-Dichlorobenzene	13.621	146	1807	0.313	ug/l	86
89) n-Butylbenzene	13.904	91	8911	1.111	ug/l #	1
90) Hexachloroethane	14.209	117	7203	3.437	ug/l #	9
91) 1,2-Dichlorobenzene	13.986	146	1611	0.278	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.609	75	300	0.337	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.256	180	2444	1.112	ug/l #	77
95) Naphthalene	15.504	128	48985	8.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	2913	1.322	ug/l	91

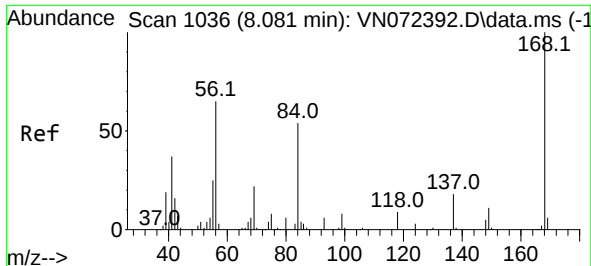
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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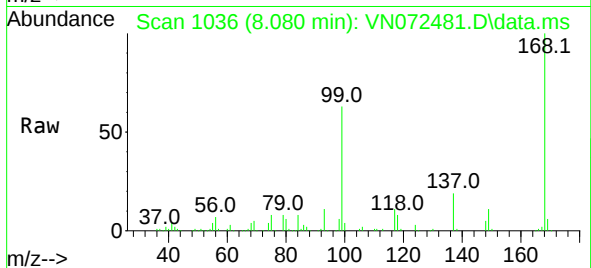
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
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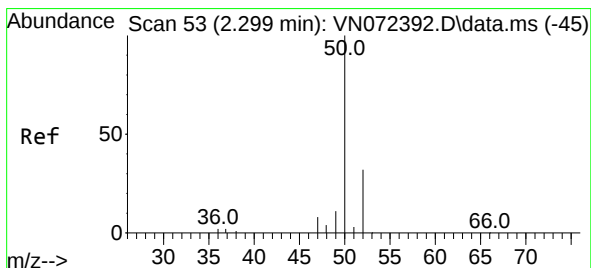
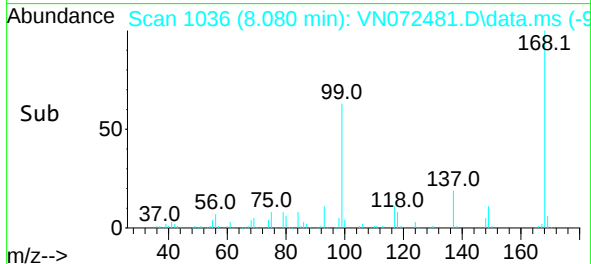
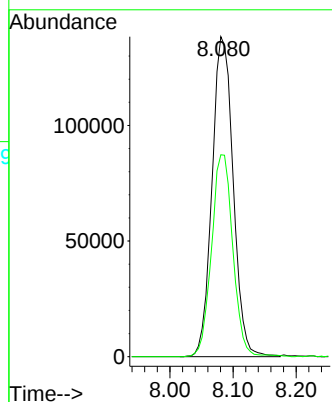


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
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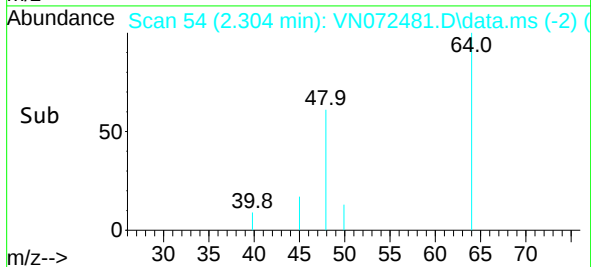
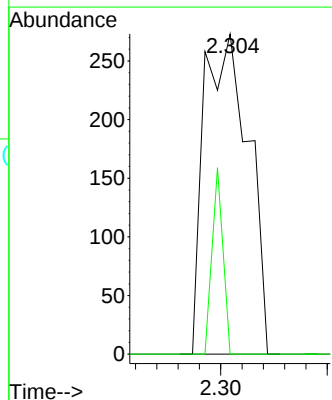
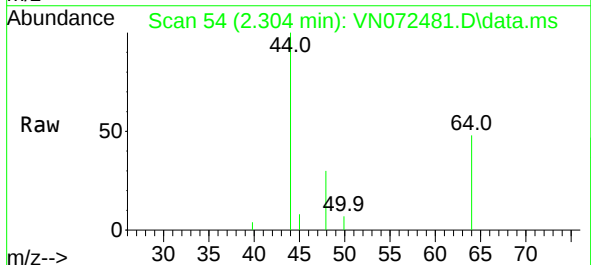


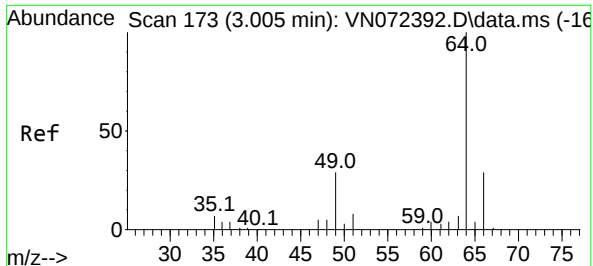
Tgt Ion:168 Resp: 322146
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

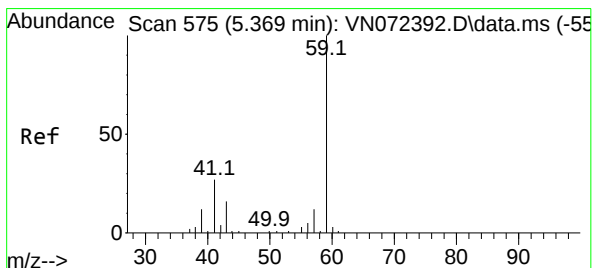
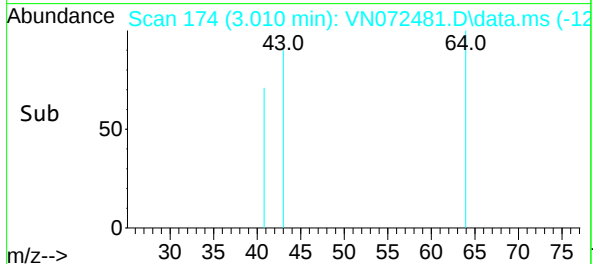
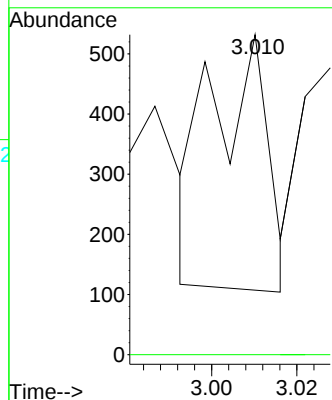
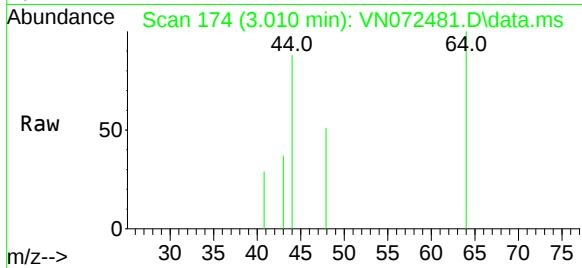




#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

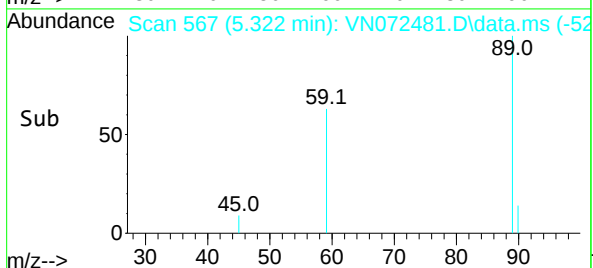
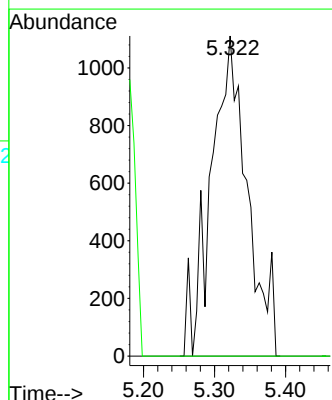
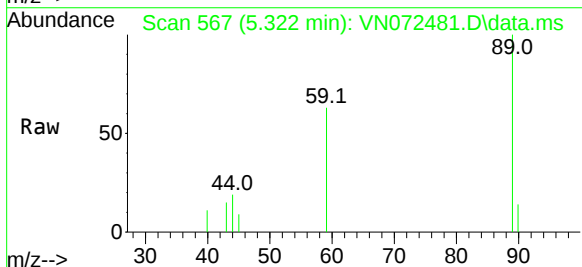
Instrument :
MSVOA_N
ClientSampleId :
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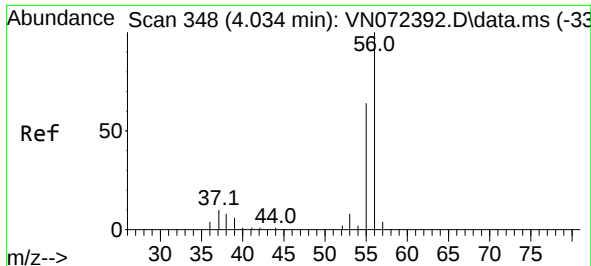
Tgt Ion: 64 Resp: 383
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 4.849 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.047 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 59 Resp: 3912
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

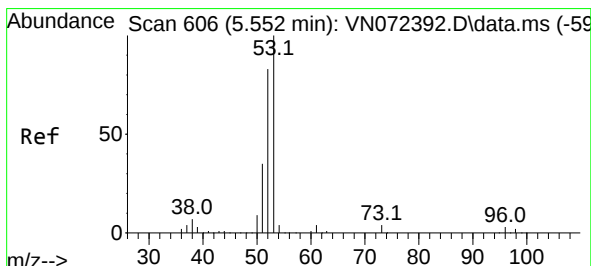
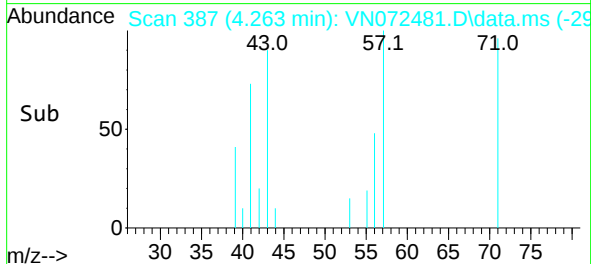
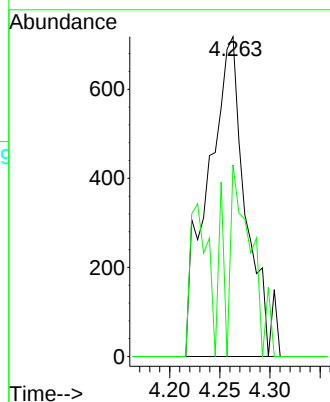
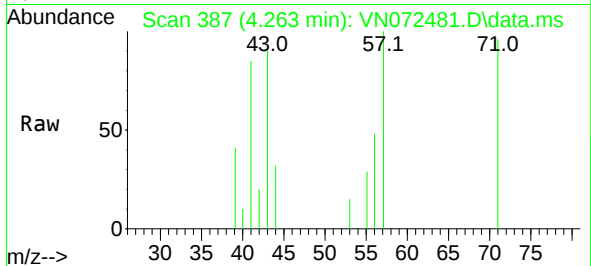




#13
Acrolein
Concen: 2.393 ug/l
RT: 4.263 min Scan# 31
Delta R.T. 0.229 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

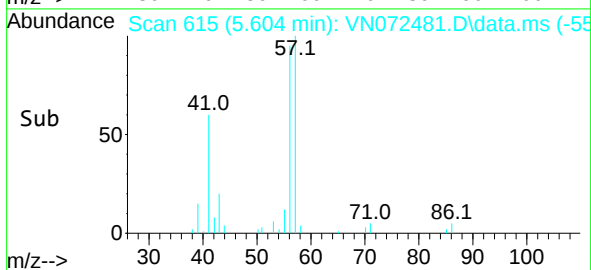
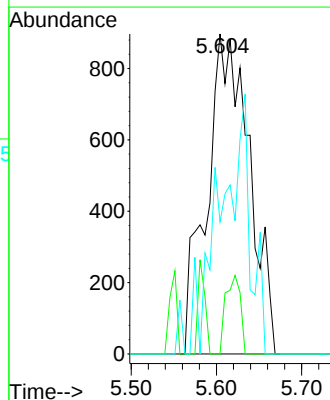
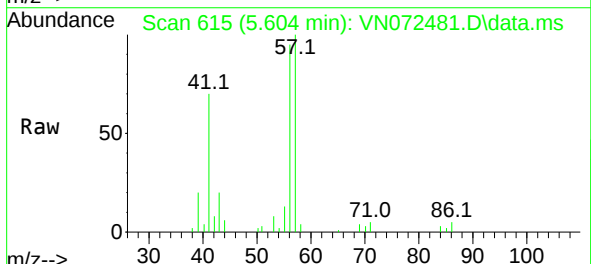
Instrument :
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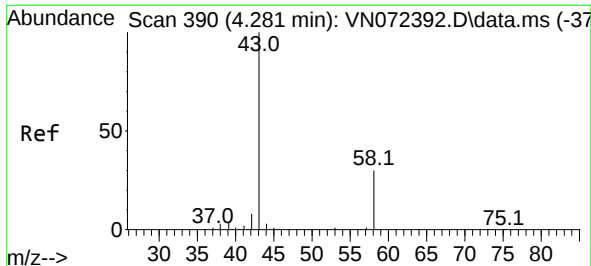
Tgt Ion: 56 Resp: 1889
Ion Ratio Lower Upper
56 100
55 39.4 54.8 82.2#



#15
Acrylonitrile
Concen: 1.422 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.052 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 53 Resp: 3117
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 0.0 28.5 42.7#

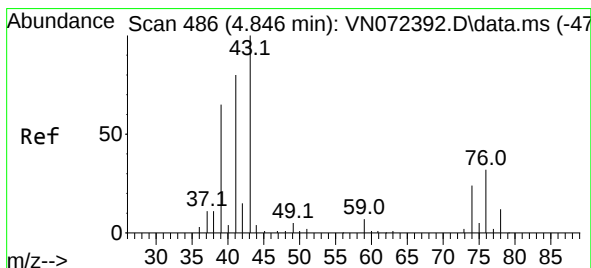
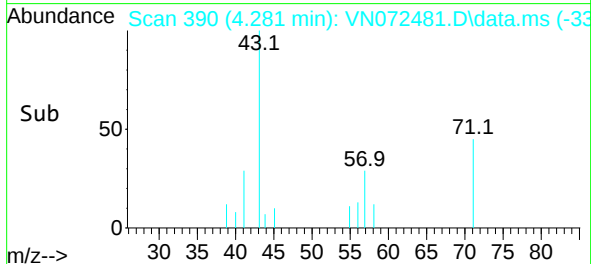
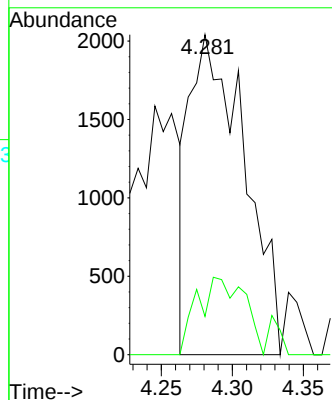
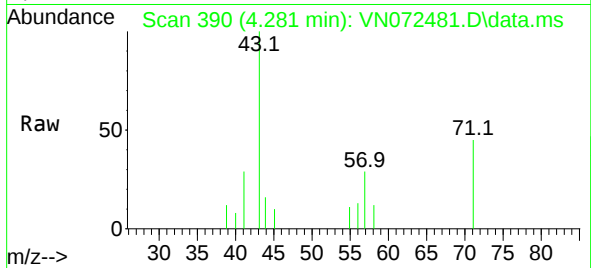




#16
Acetone
Concen: 2.804 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

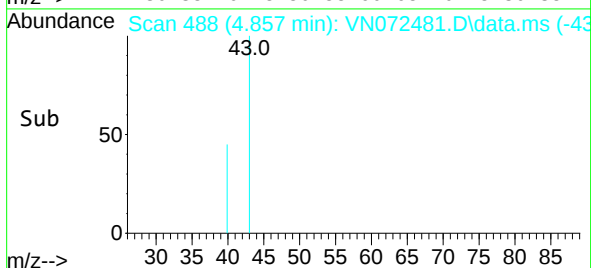
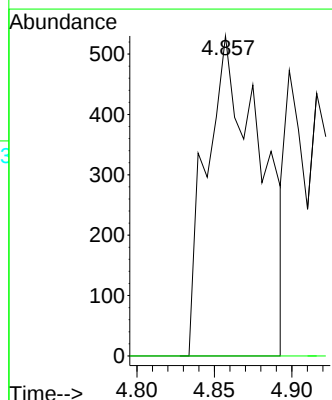
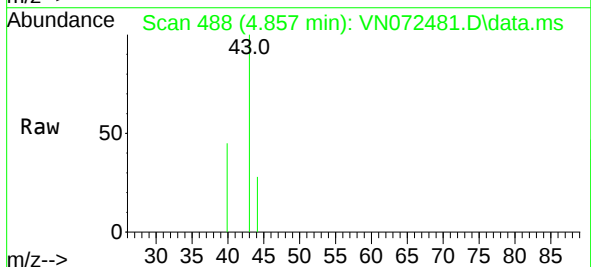
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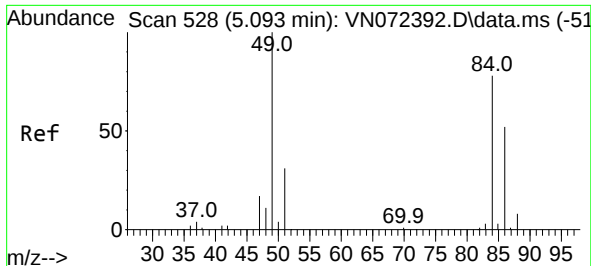
Tgt Ion: 43 Resp: 5479
Ion Ratio Lower Upper
43 100
58 12.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

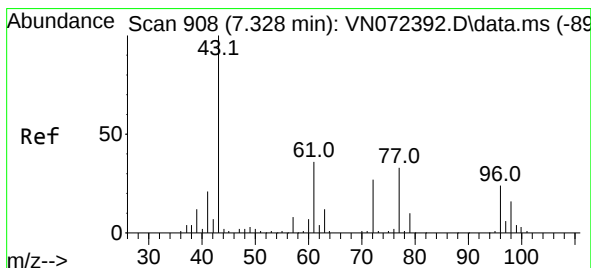
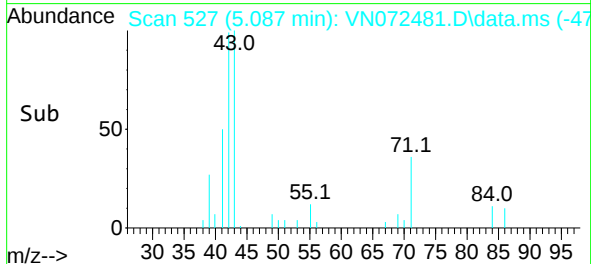
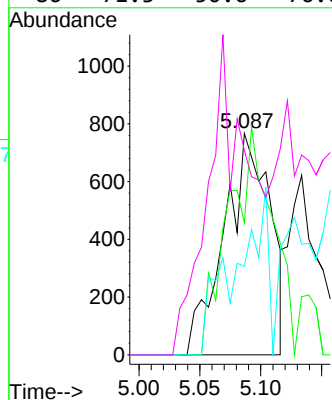
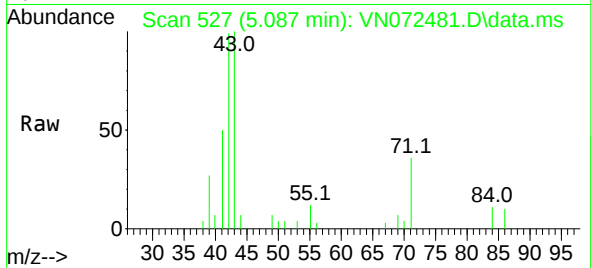




#20
Methylene Chloride
Concen: 0.504 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

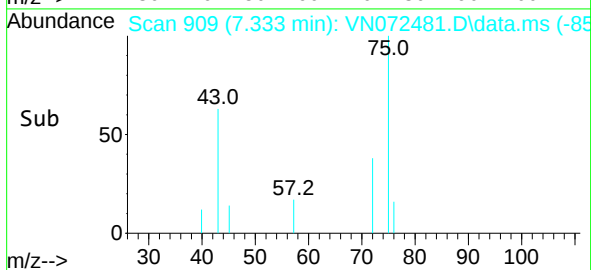
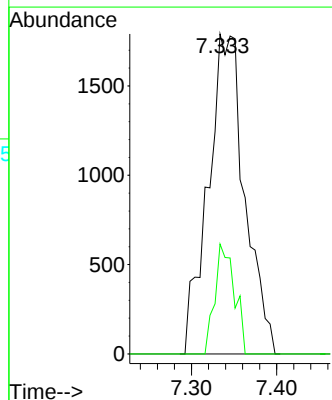
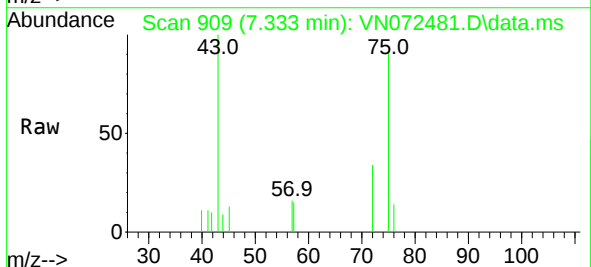
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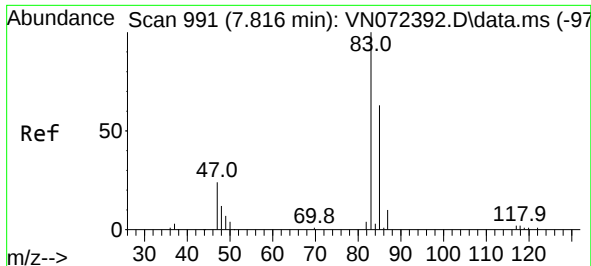
Tgt Ion: 84 Resp: 2019
Ion Ratio Lower Upper
84 100
49 59.6 88.3 132.5#
51 40.0 28.2 42.2
86 71.3 50.6 76.0



#25
2-Butanone
Concen: 1.740 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 43 Resp: 5366
Ion Ratio Lower Upper
43 100
72 34.3 23.7 35.5

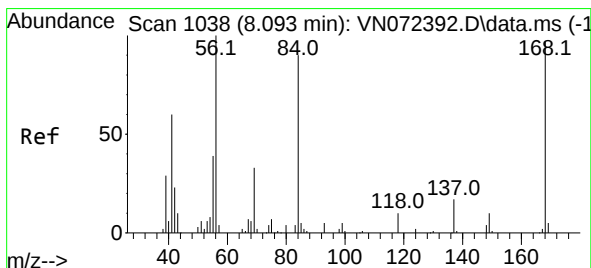
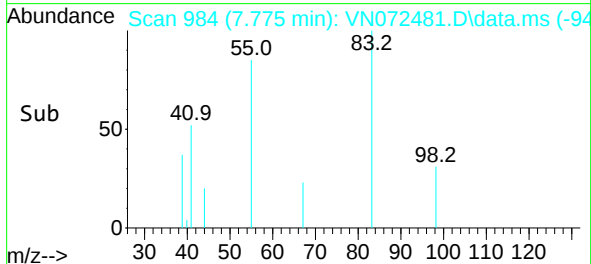
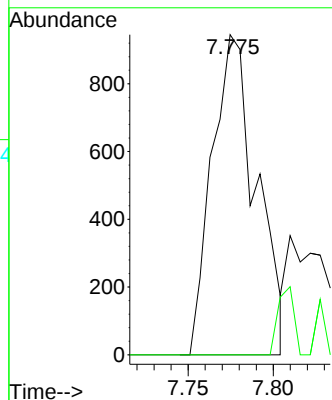
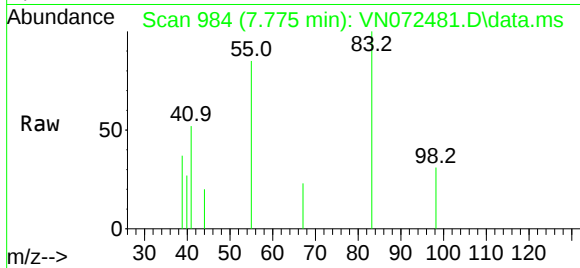




#30
Chloroform
Concen: 0.244 ug/l
RT: 7.775 min Scan# 91
Delta R.T. -0.041 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

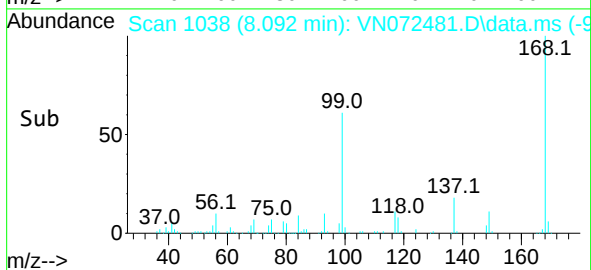
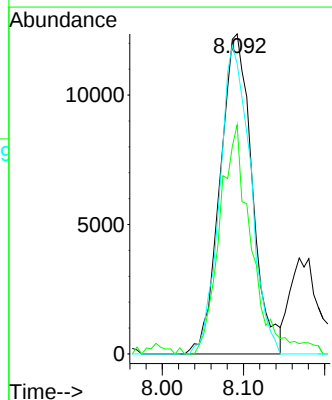
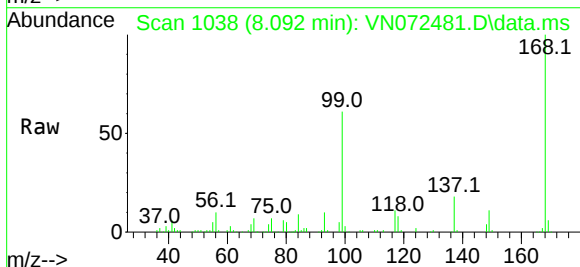
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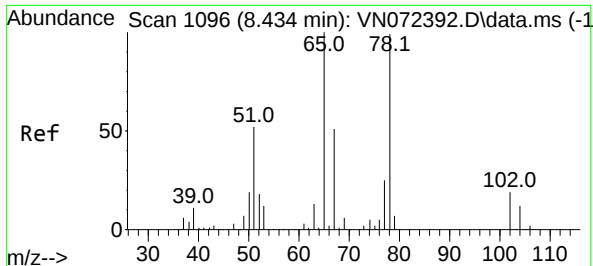
Tgt Ion: 83 Resp: 1717
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 5.191 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 56 Resp: 33937
Ion Ratio Lower Upper
56 100
69 69.7 27.8 41.8#
84 90.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.069 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

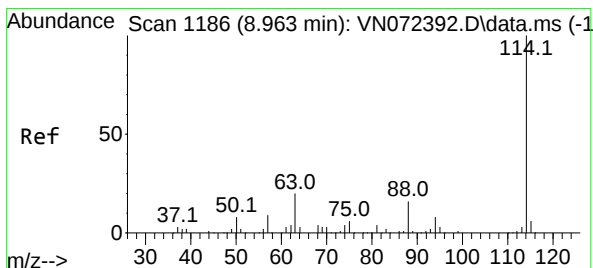
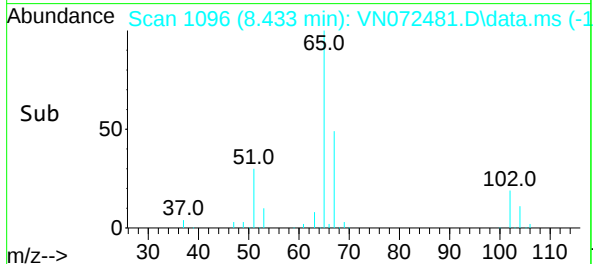
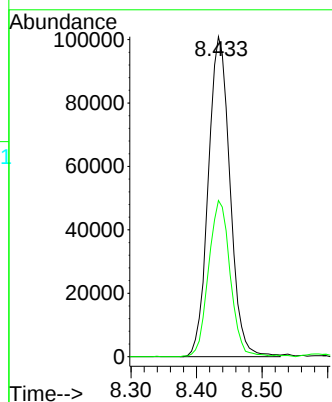
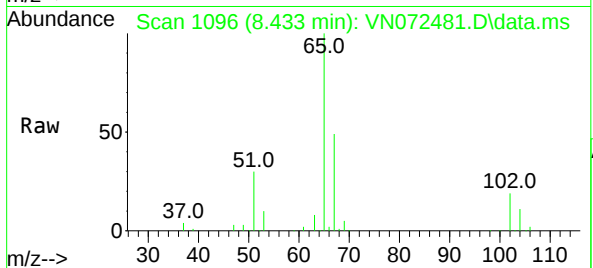
DUP051122DL

Tgt Ion: 65 Resp: 232247

Ion Ratio Lower Upper

65 100

67 48.6 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: VN072481.D

Acq: 13 May 2022 16:49

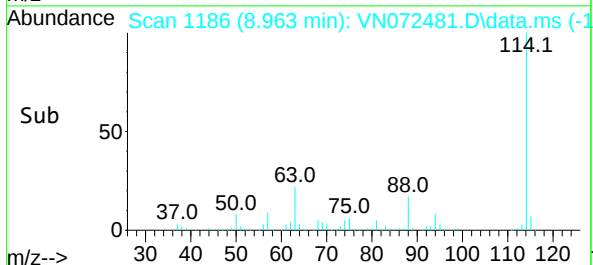
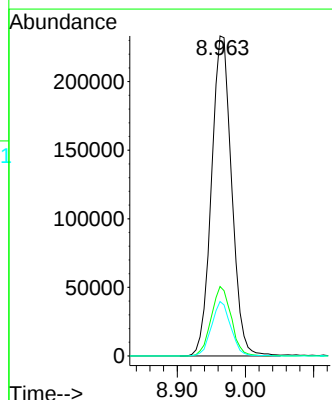
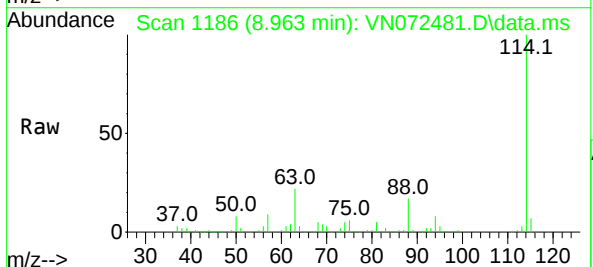
Tgt Ion: 114 Resp: 480502

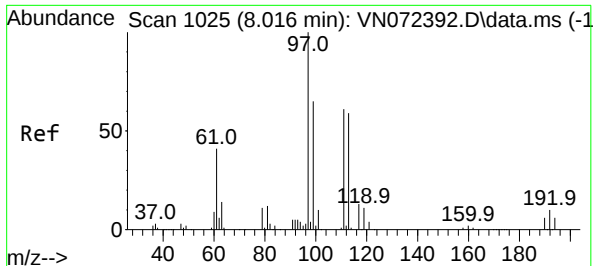
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.514 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

DUP051122DL

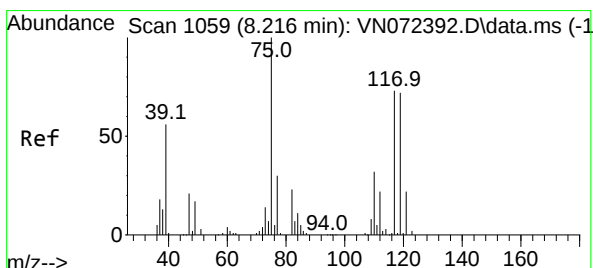
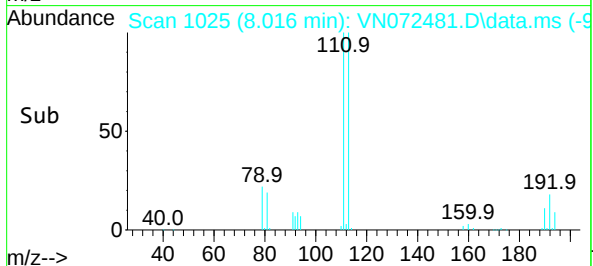
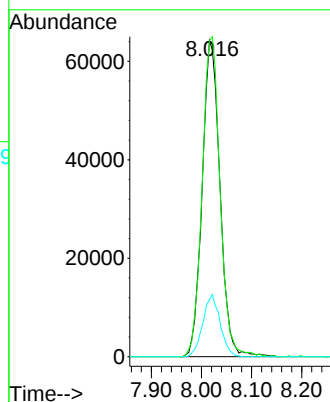
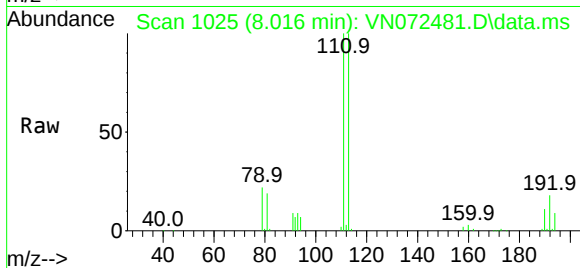
Tgt Ion:113 Resp: 158286

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 19.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.659 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

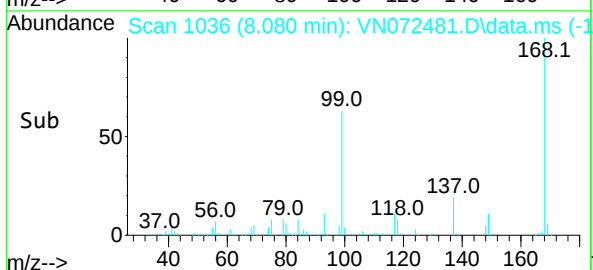
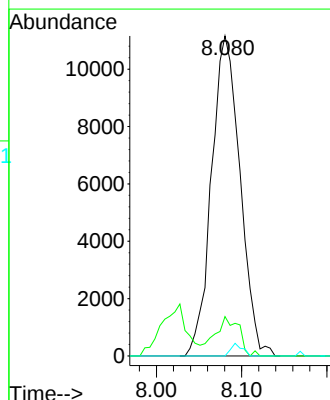
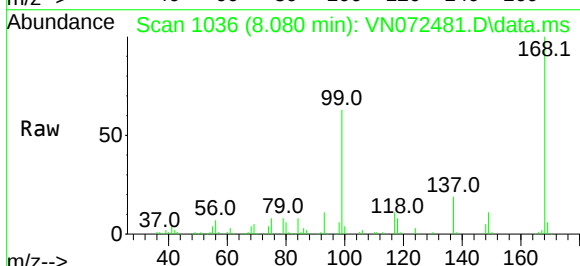
Tgt Ion: 75 Resp: 25982

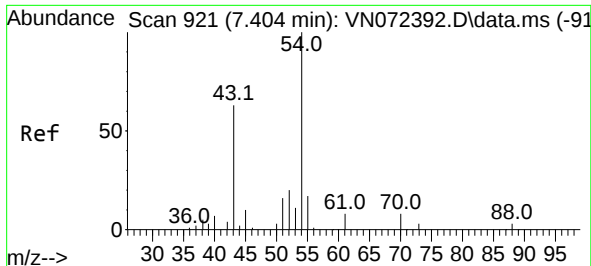
Ion Ratio Lower Upper

75 100

110 10.5 18.3 54.8#

77 1.6 25.1 37.7#

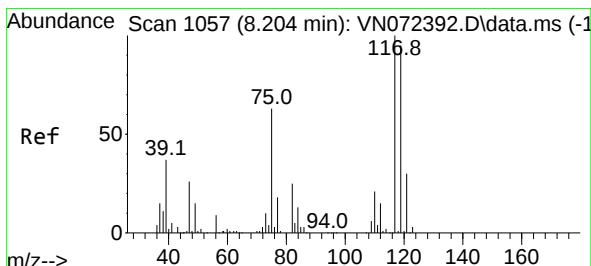
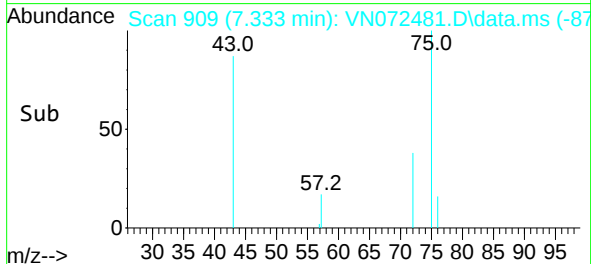
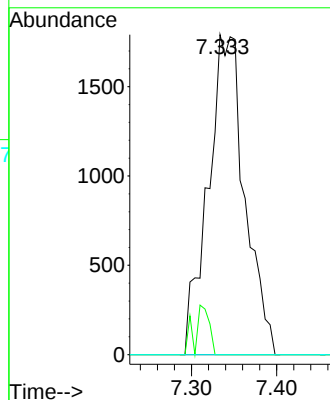
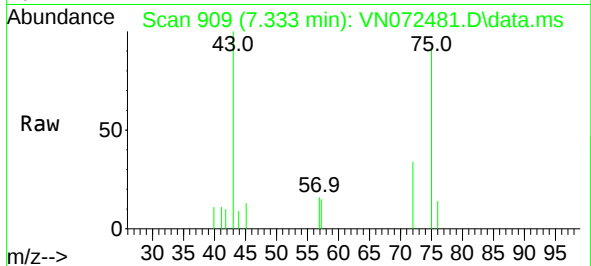




#37
Ethyl Acetate
Concen: 0.974 ug/l
RT: 7.333 min Scan# 90
Delta R.T. -0.071 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

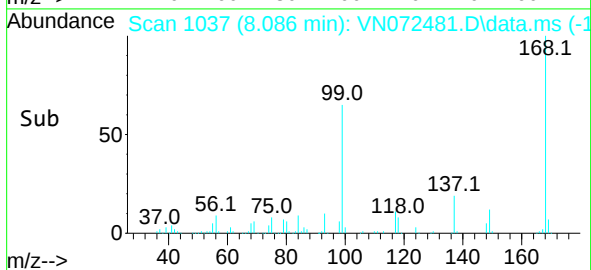
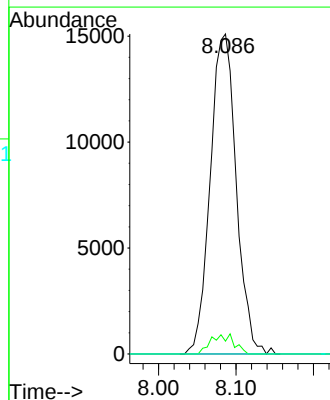
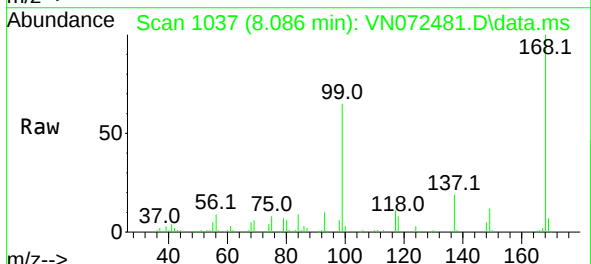
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

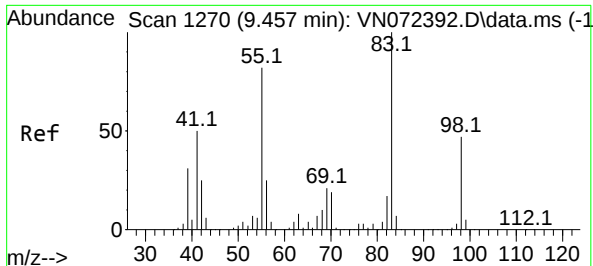
Tgt Ion: 43 Resp: 5366
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.875 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 117 Resp: 35330
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 4.393 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

DUP051122DL

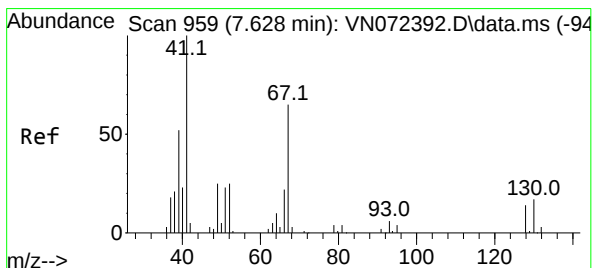
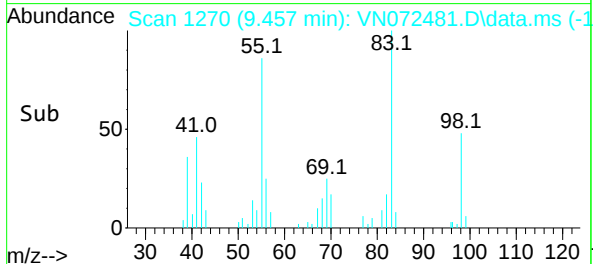
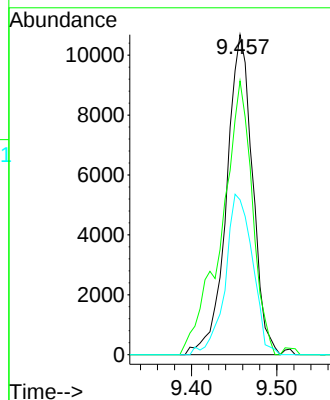
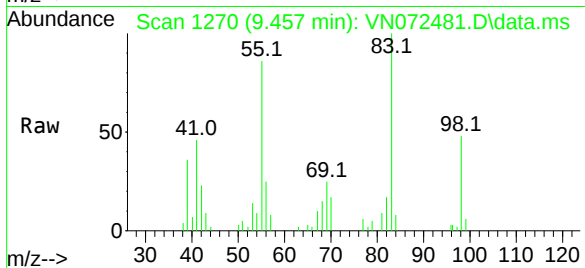
Tgt Ion: 83 Resp: 22667

Ion Ratio Lower Upper

83 100

55 85.6 57.8 86.8

98 48.4 39.4 59.2



#41

Methacrylonitrile

Concen: 0.225 ug/l

RT: 7.680 min Scan# 968

Delta R.T. 0.052 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Tgt Ion: 41 Resp: 615

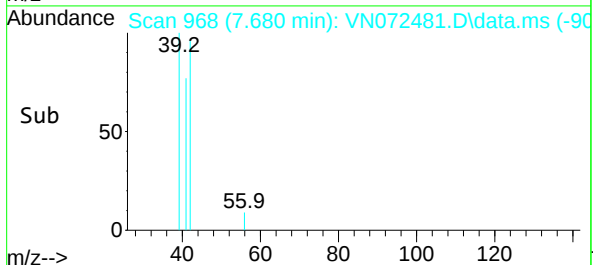
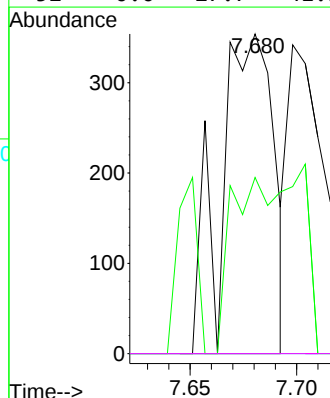
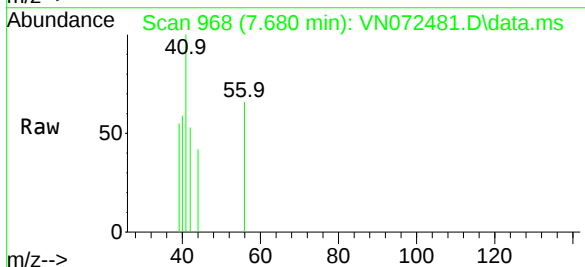
Ion Ratio Lower Upper

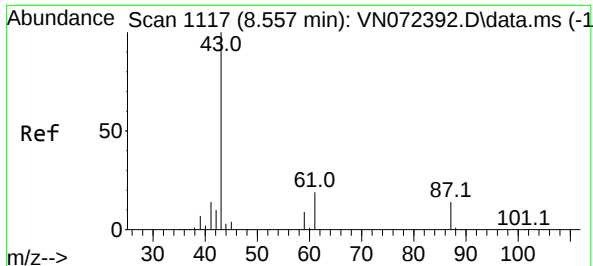
41 100

39 40.2 48.6 73.0#

67 0.0 73.4 110.2#

52 0.0 27.7 41.5#

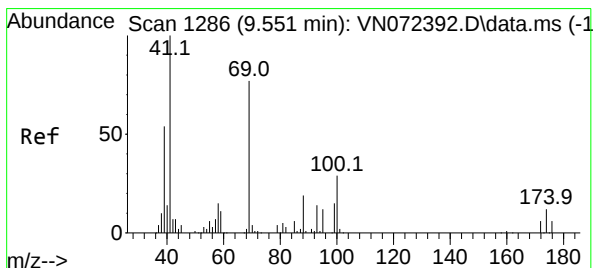
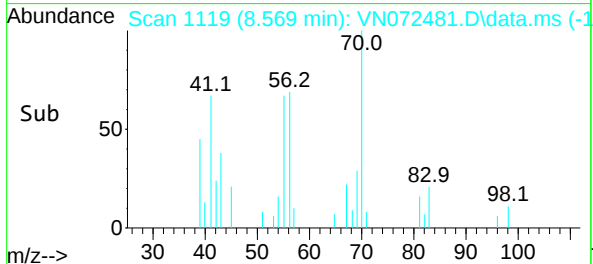
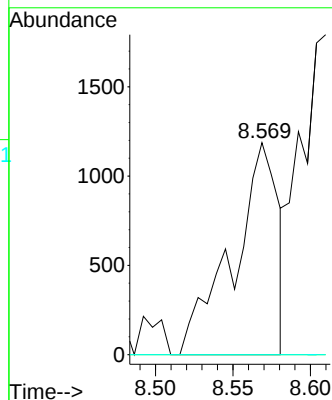
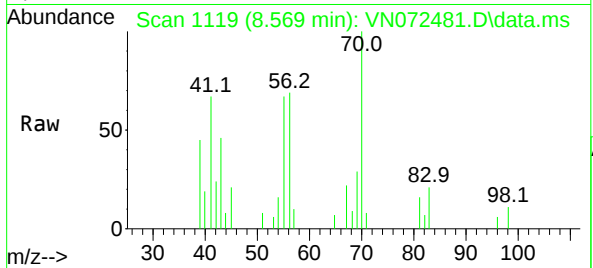




#43
Isopropyl Acetate
Concen: 0.284 ug/l
RT: 8.569 min Scan# 1117
Delta R.T. 0.012 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

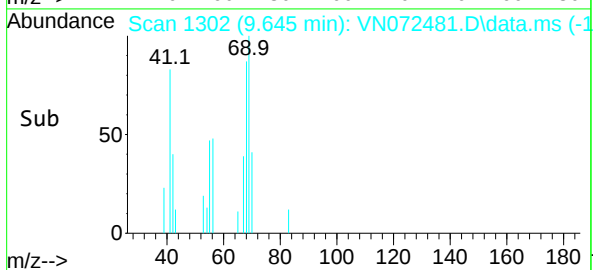
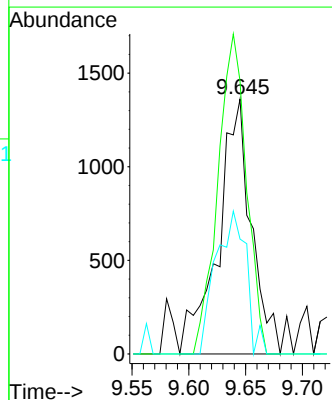
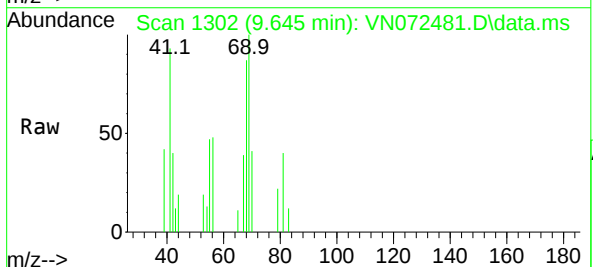
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

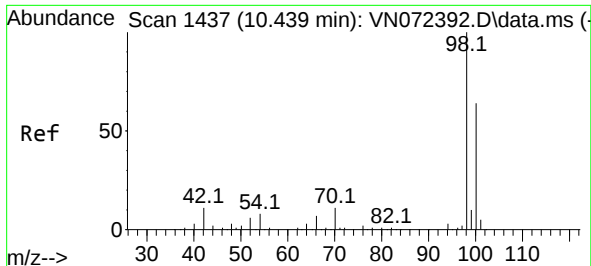
Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#48
Methyl methacrylate
Concen: 0.701 ug/l
RT: 9.645 min Scan# 1302
Delta R.T. 0.094 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 41 Resp: 2766
Ion Ratio Lower Upper
41 100
69 108.5 74.7 112.1
39 51.3 45.6 68.4

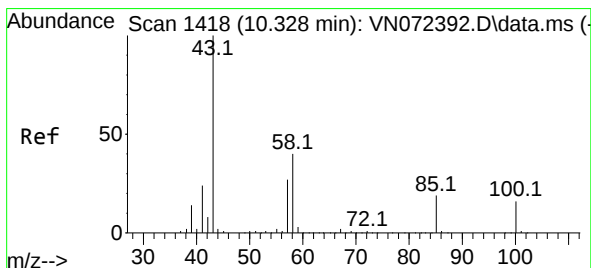
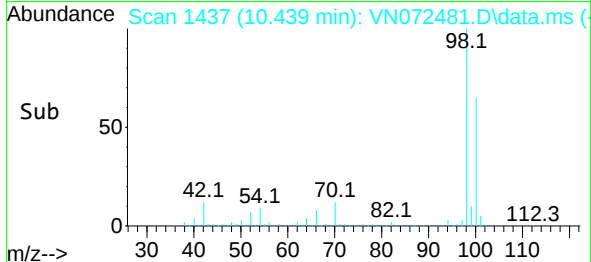
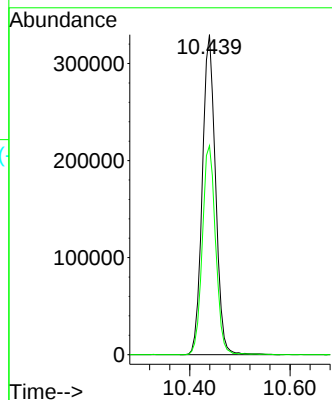
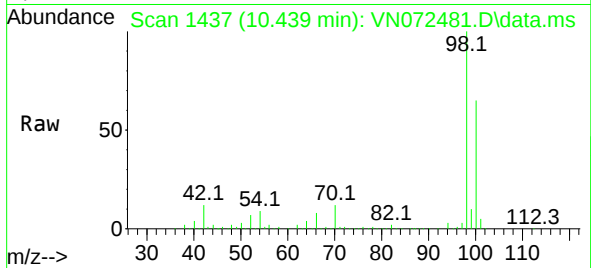




#50
Toluene-d8
Concen: 49.450 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

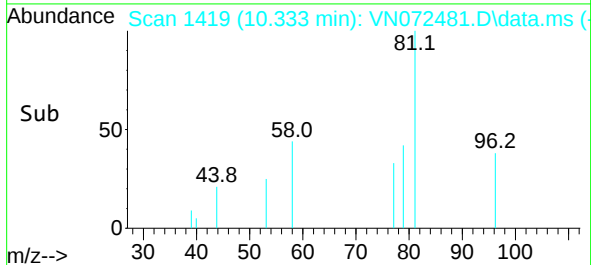
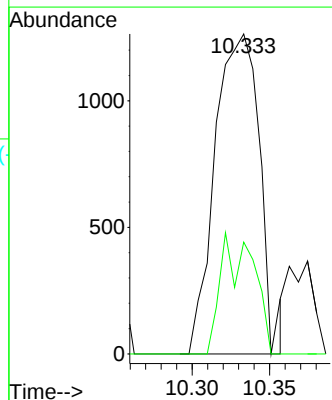
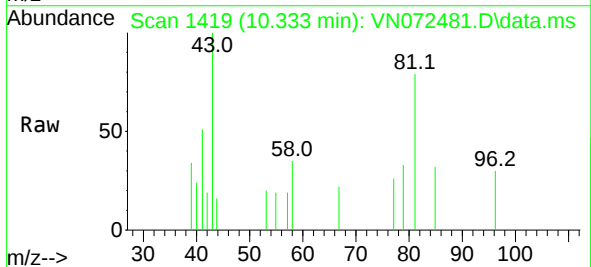
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

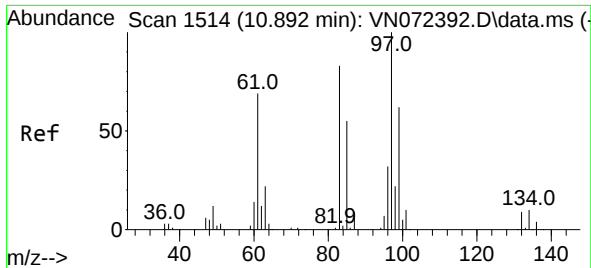
Tgt Ion: 98 Resp: 602050
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.005 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
58 27.7 34.1 51.1#

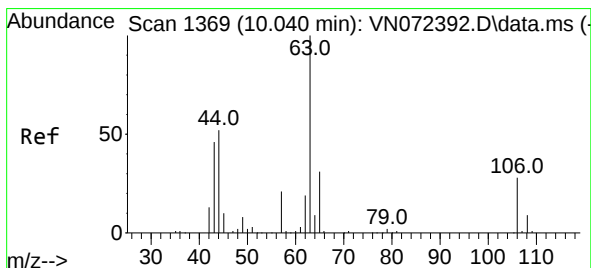
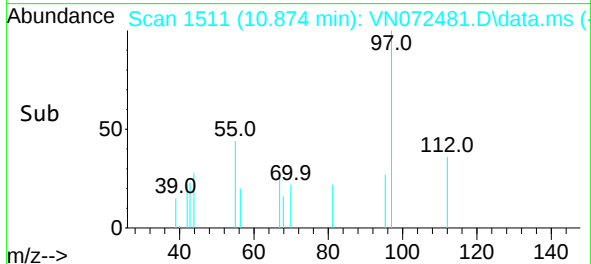
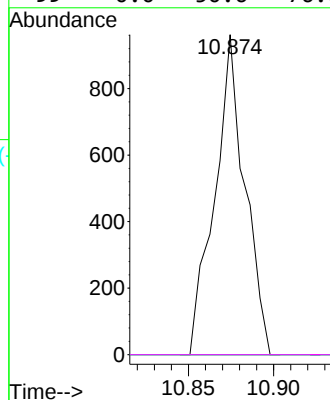
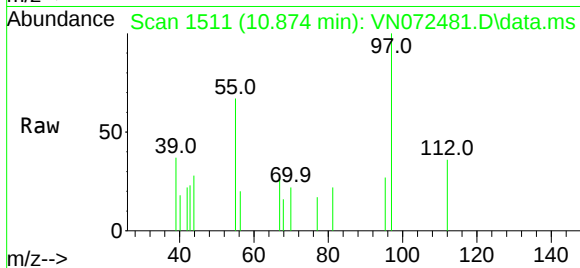




#55
 1,1,2-Trichloroethane
 Concen: 0.336 ug/l
 RT: 10.874 min Scan# 1185
 Delta R.T. -0.018 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

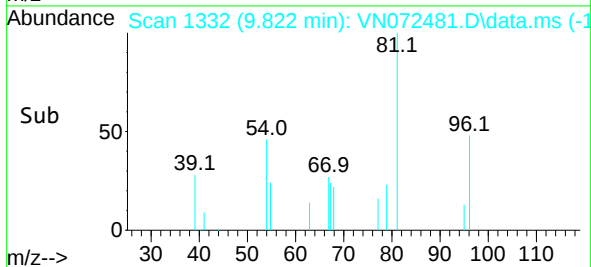
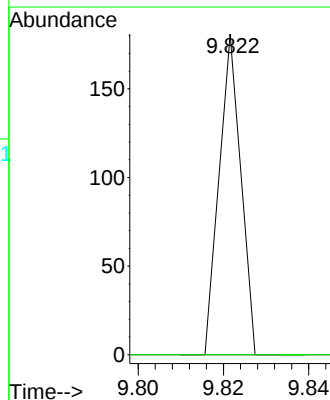
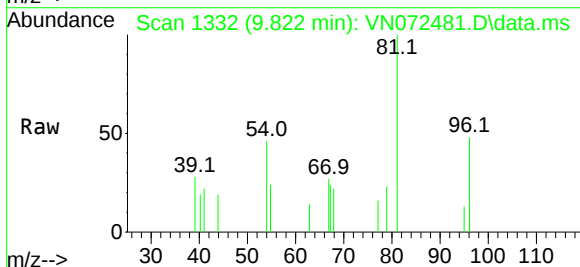
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL

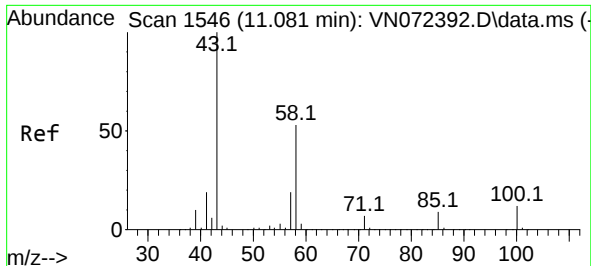
Tgt Ion: 97	Resp:	1185
Ion	Ratio	Lower Upper
97	100	
83	0.0	66.2 99.4#
85	0.0	43.9 65.9#
99	0.0	50.6 76.0#



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.384 ug/l
 RT: 9.822 min Scan# 1332
 Delta R.T. -0.218 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

Tgt Ion: 63	Resp:	64
Ion	Ratio	Lower Upper
63	100	
106	0.0	24.6 36.8#





#59

2-Hexanone

Concen: 0.947 ug/l

RT: 11.086 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

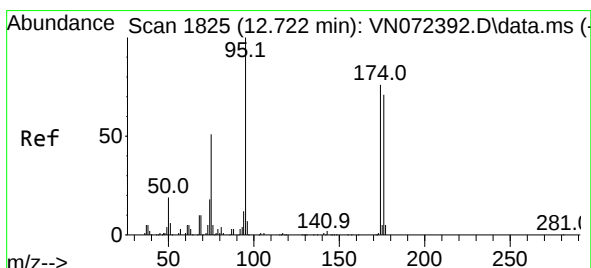
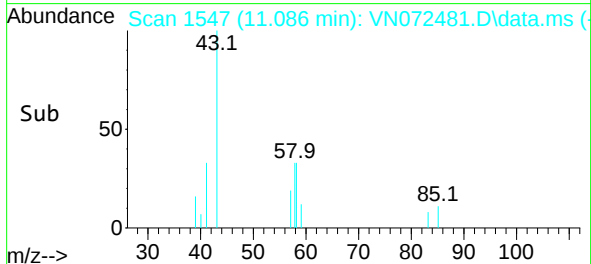
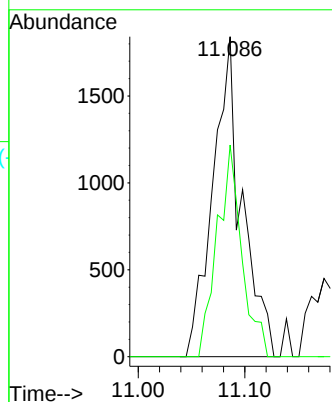
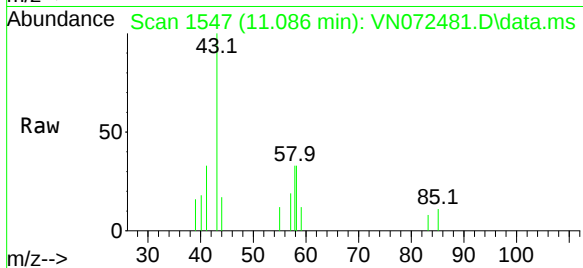
DUP051122DL

Tgt Ion: 43 Resp: 3489

Ion Ratio Lower Upper

43 100

58 55.7 29.7 89.1



#62

4-Bromofluorobenzene

Concen: 49.634 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.005 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

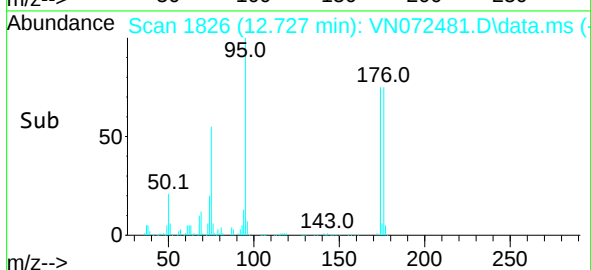
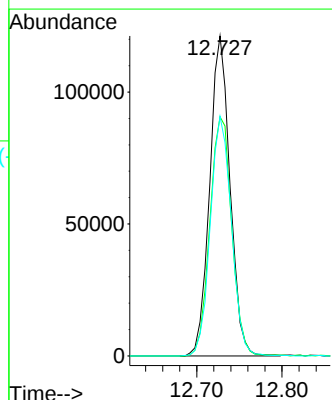
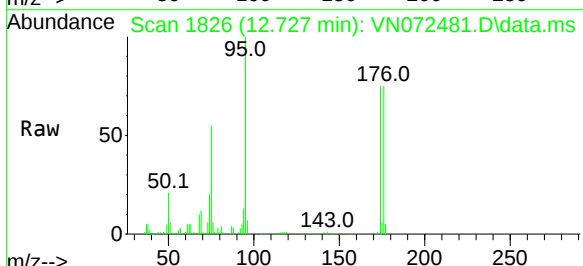
Tgt Ion: 95 Resp: 200688

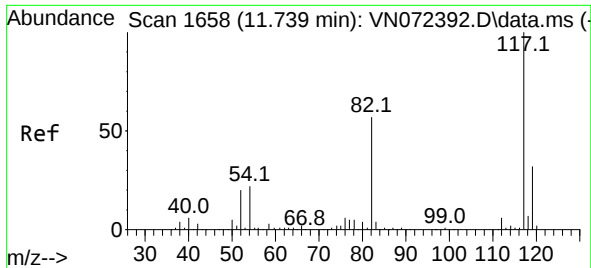
Ion Ratio Lower Upper

95 100

174 80.4 0.0 167.6

176 77.7 0.0 163.4

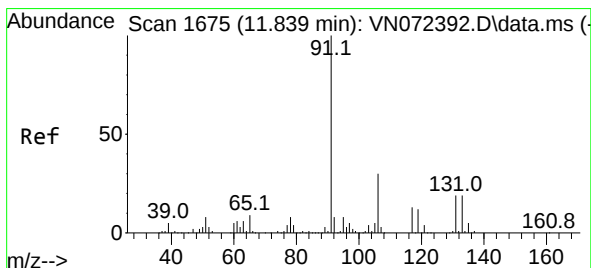
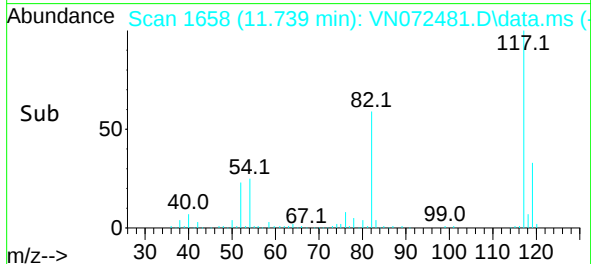
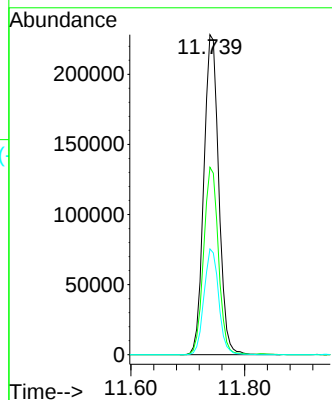
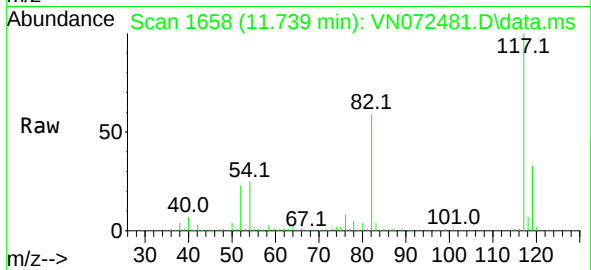




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

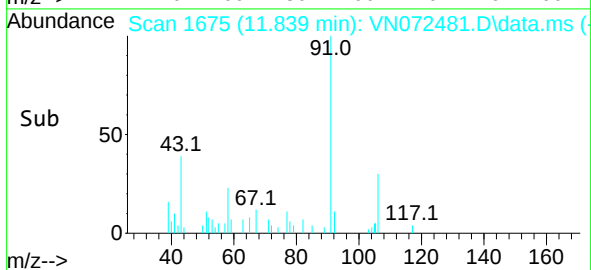
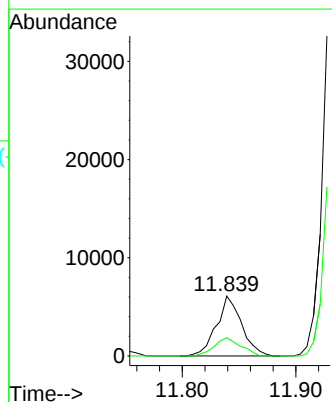
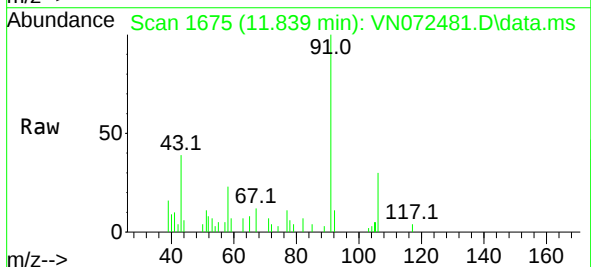
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

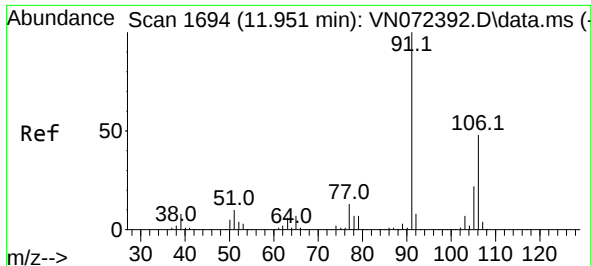
Tgt Ion:117 Resp: 414798
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 33.0 25.4 38.0



#67
Ethyl Benzene
Concen: 0.638 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 91 Resp: 9324
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

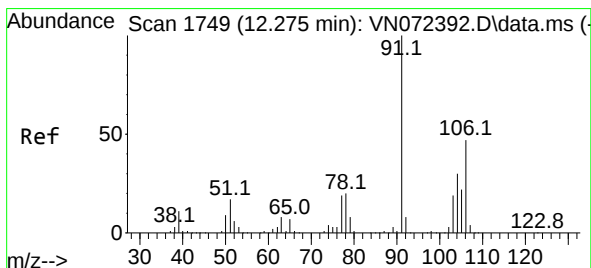
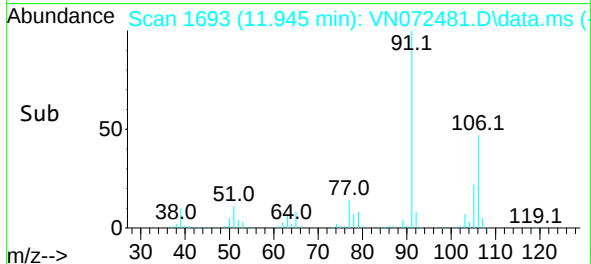
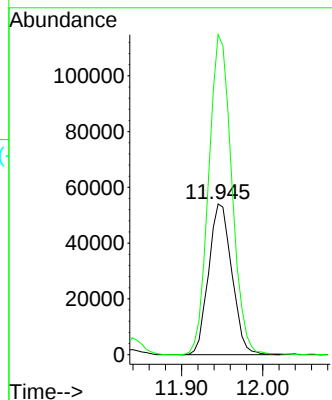
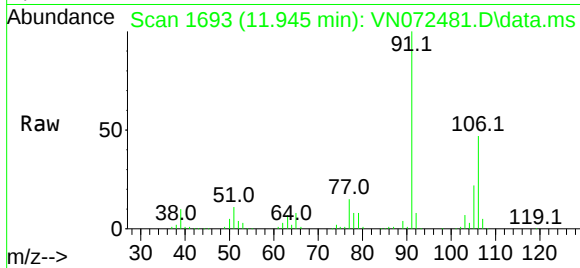




#68
m/p-Xylenes
Concen: 19.369 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

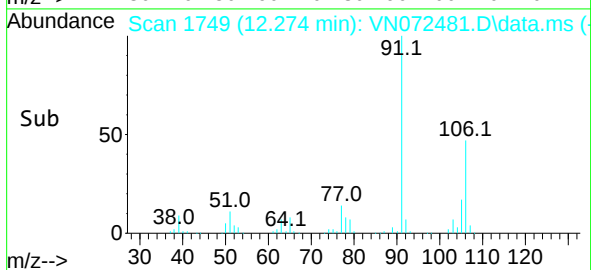
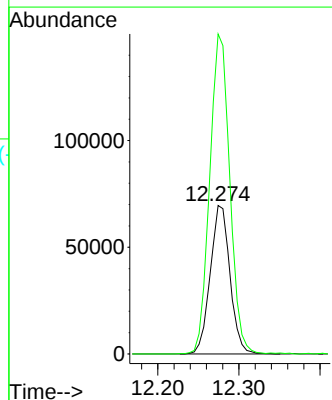
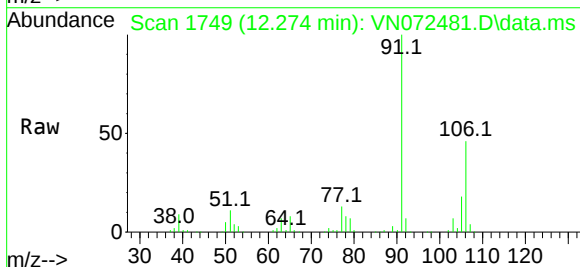
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

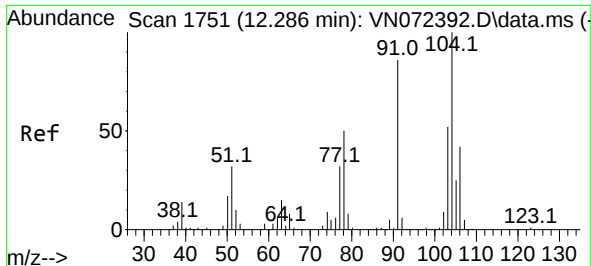
Tgt Ion:106 Resp: 107415
Ion Ratio Lower Upper
106 100
91 211.5 158.9 238.3



#69
o-Xylene
Concen: 21.529 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion:106 Resp: 117309
Ion Ratio Lower Upper
106 100
91 219.2 106.0 318.0

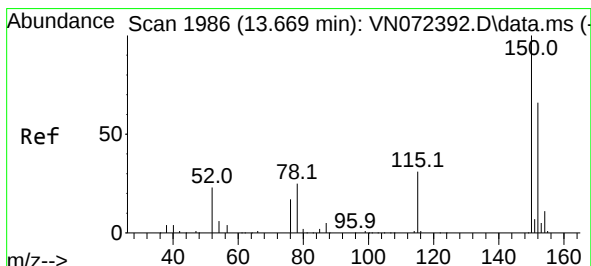
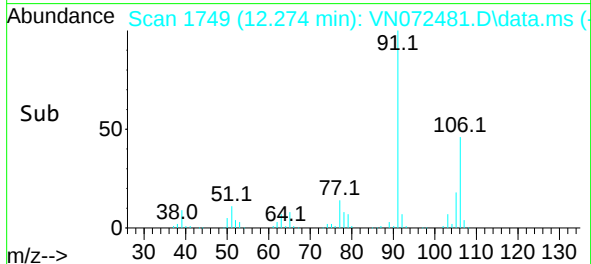
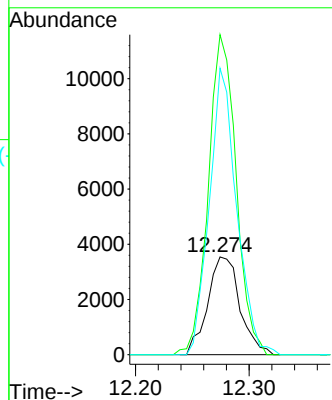
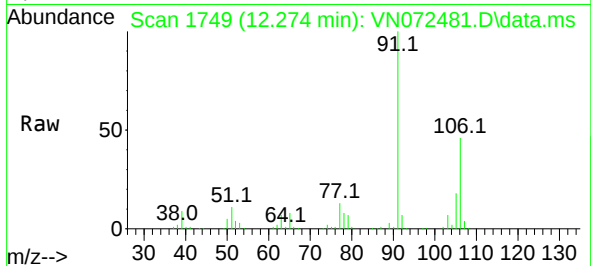




#70
Styrene
Concen: 0.838 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

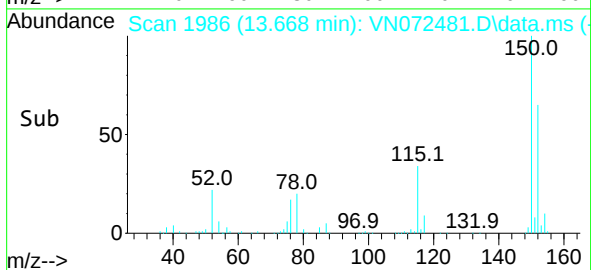
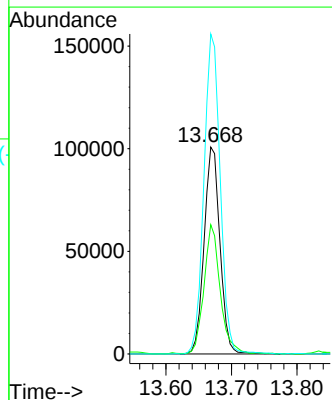
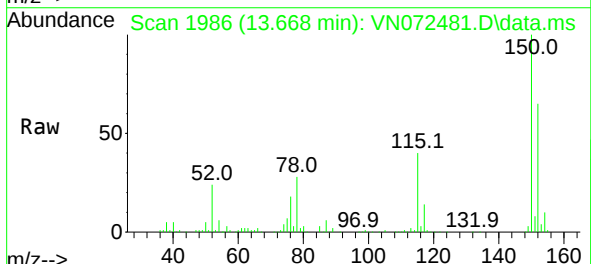
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

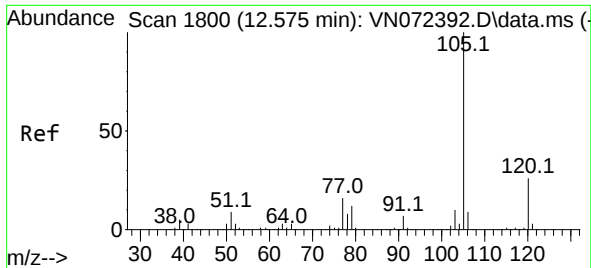
Tgt Ion:104 Resp: 6987
Ion Ratio Lower Upper
104 100
78 282.5 39.5 59.3#
103 248.0 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion:152 Resp: 169979
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.7
150 158.9 0.0 356.2

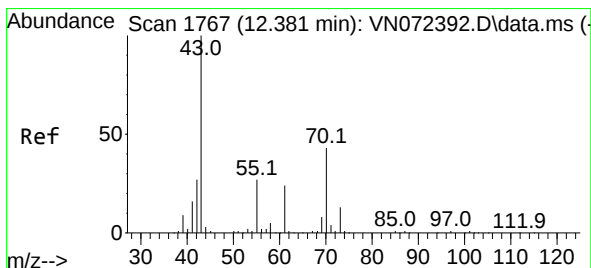
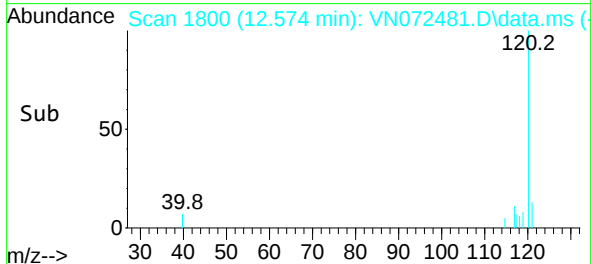
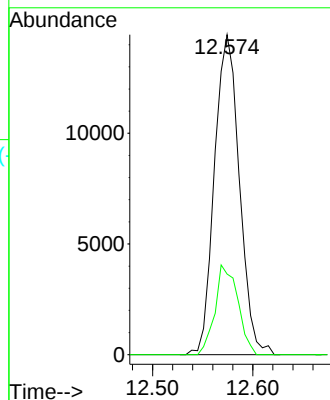
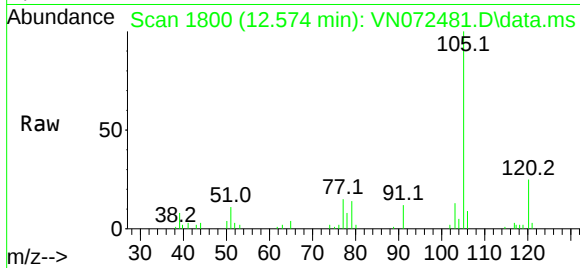




#73
Isopropylbenzene
Concen: 1.774 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

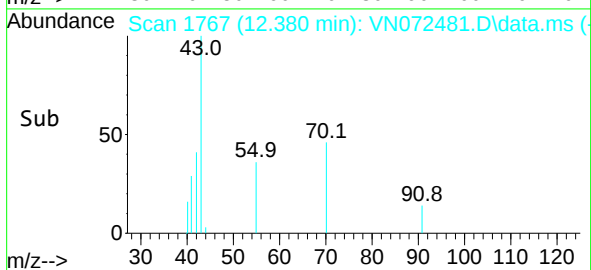
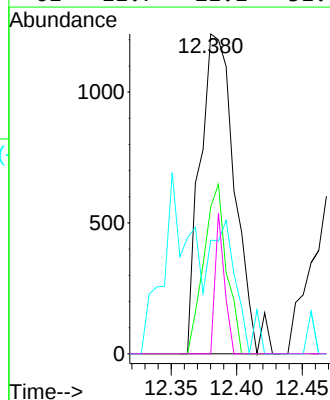
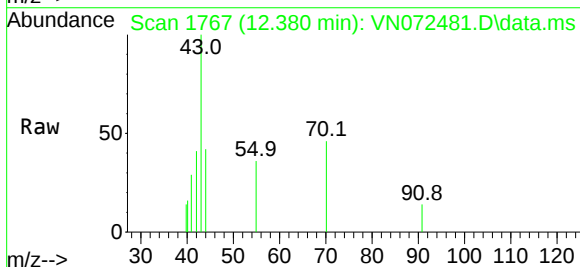
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

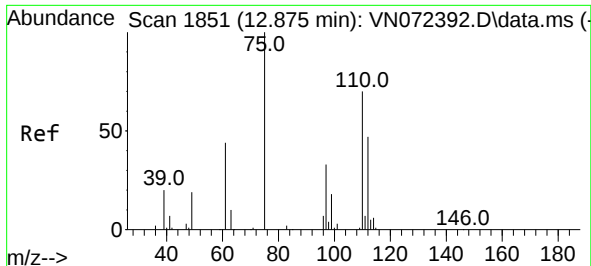
Tgt Ion:105 Resp: 24977
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4



#74
N-ethyl acetate
Concen: 0.454 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
70 34.8 39.0 58.4#
55 31.7 21.1 31.7#
61 11.7 21.1 31.7#

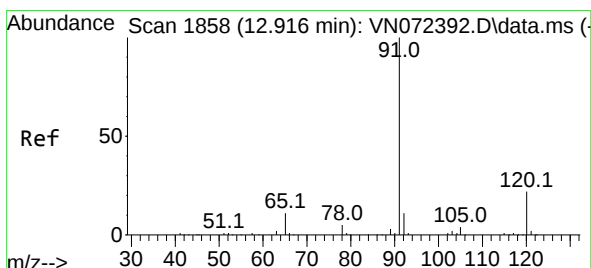
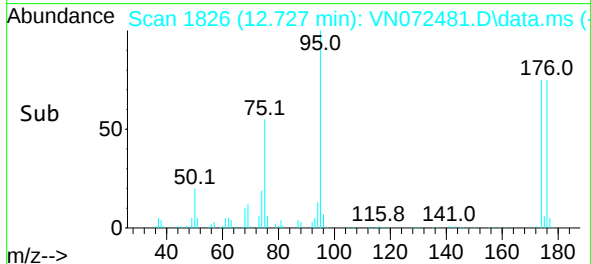
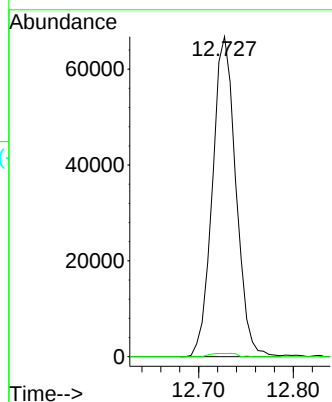
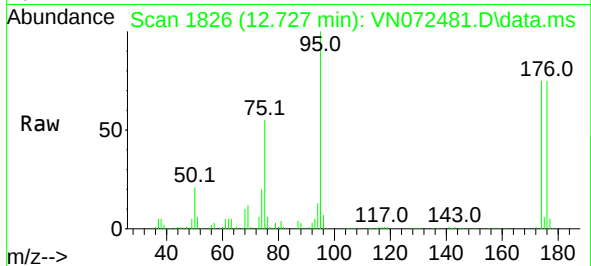




#76
1,2,3-Trichloropropane
Concen: 25.888 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.148 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

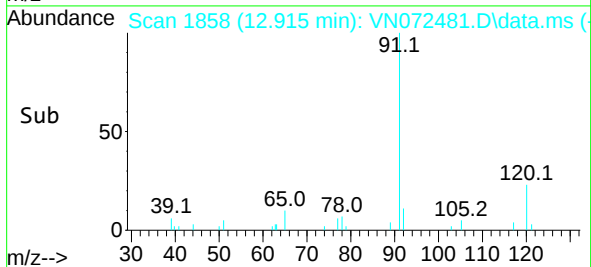
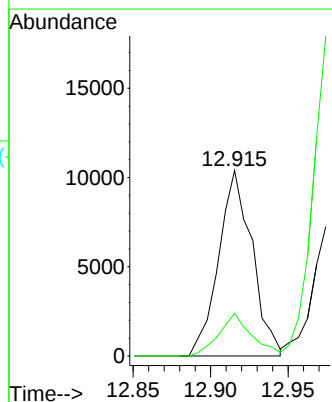
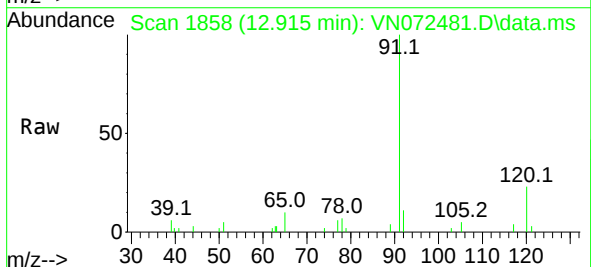
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

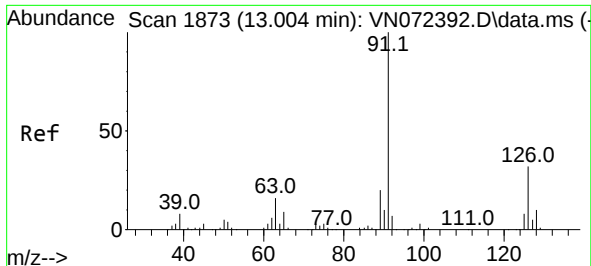
Tgt Ion: 75 Resp: 114771
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#78
n-propylbenzene
Concen: 1.036 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 91 Resp: 15610
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.232 ug/l

RT: 13.104 min Scan# 1873

Delta R.T. 0.100 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

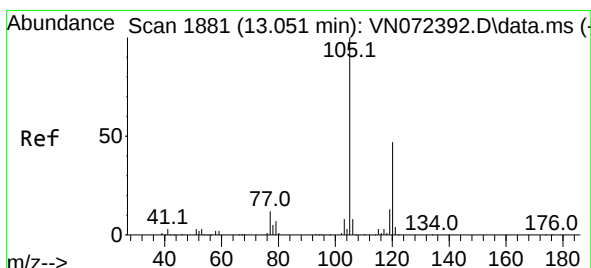
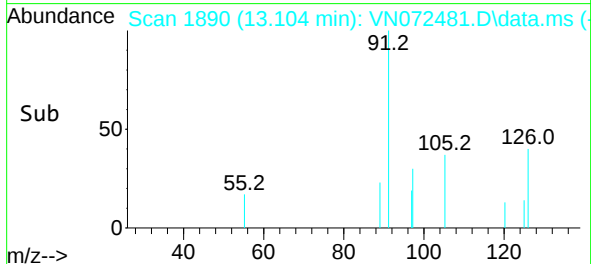
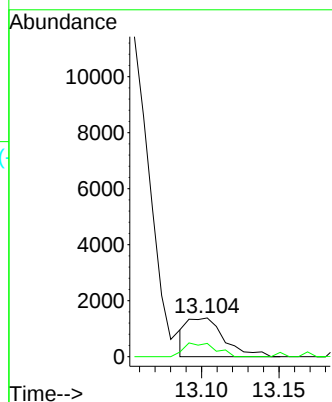
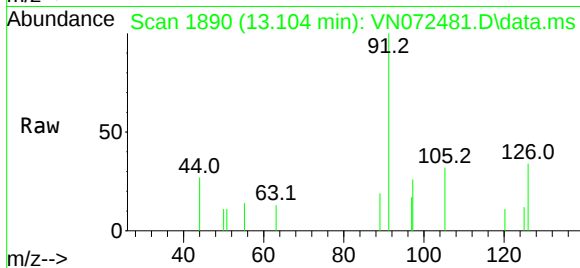
DUP051122DL

Tgt Ion: 91 Resp: 2296

Ion Ratio Lower Upper

91 100

126 30.4 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 13.322 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.006 min

Lab File: VN072481.D

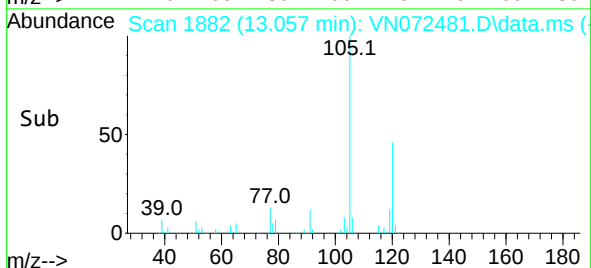
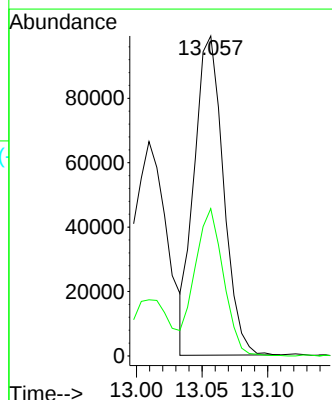
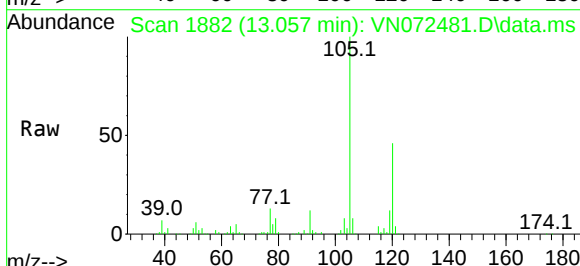
Acq: 13 May 2022 16:49

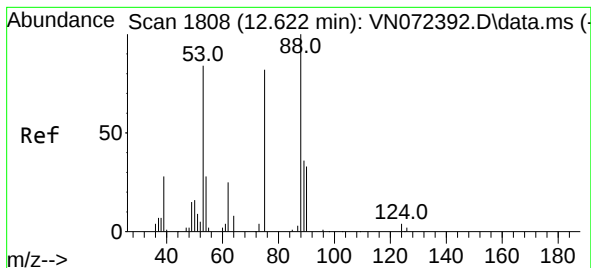
Tgt Ion: 105 Resp: 153643

Ion Ratio Lower Upper

105 100

120 45.3 24.9 74.7

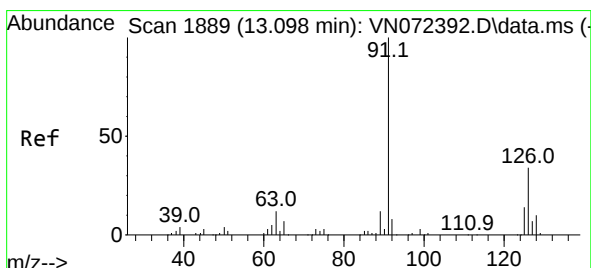
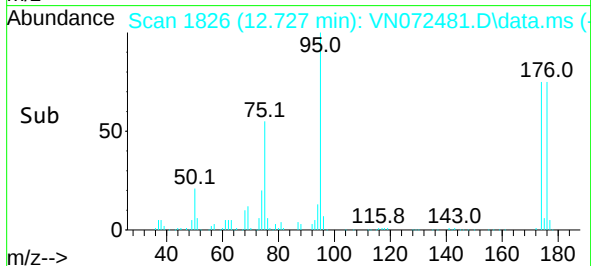
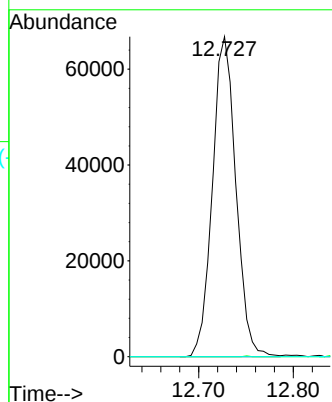
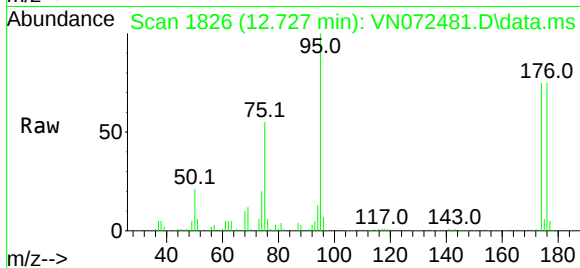




#81
trans-1,4-Dichloro-2-butene
Concen: 86.363 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

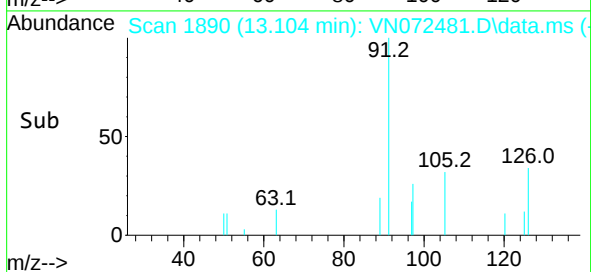
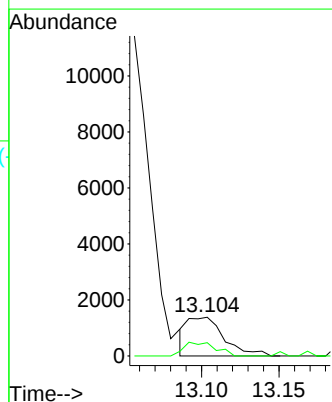
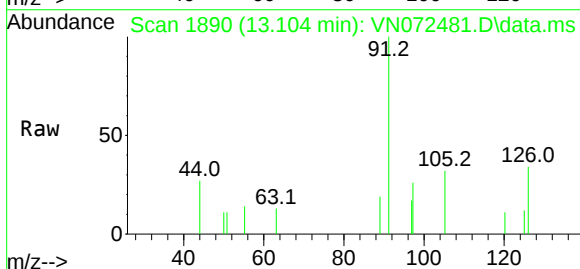
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

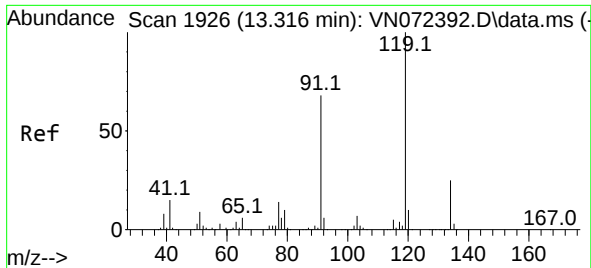
Tgt Ion: 75 Resp: 114771
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.245 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 91 Resp: 2296
Ion Ratio Lower Upper
91 100
126 30.4 17.2 51.6

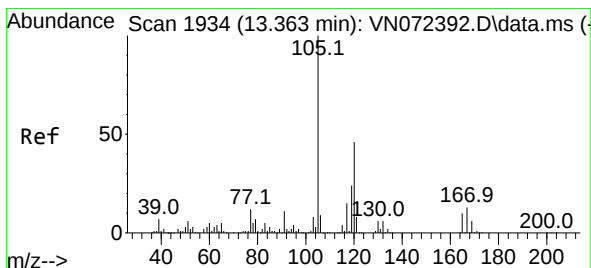
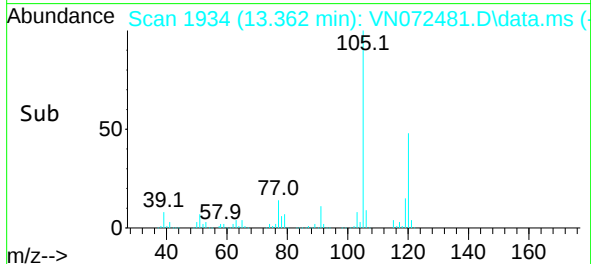
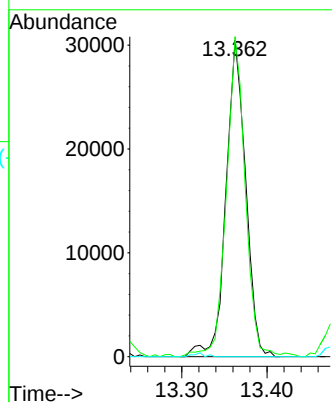
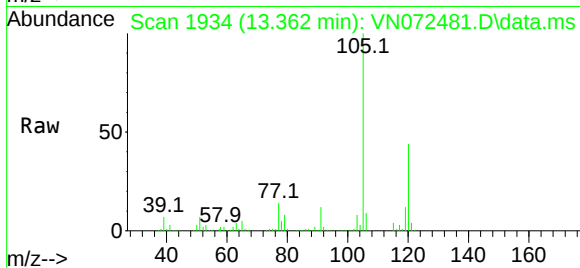




#83
 tert-Butylbenzene
 Concen: 4.854 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. 0.046 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

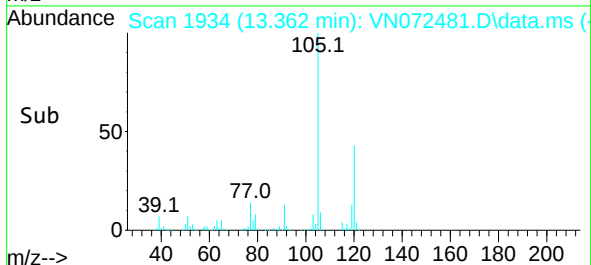
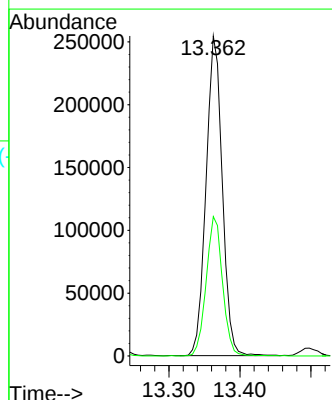
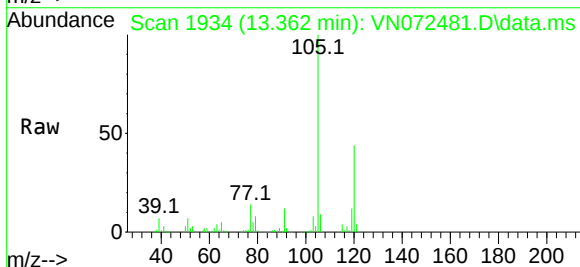
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL

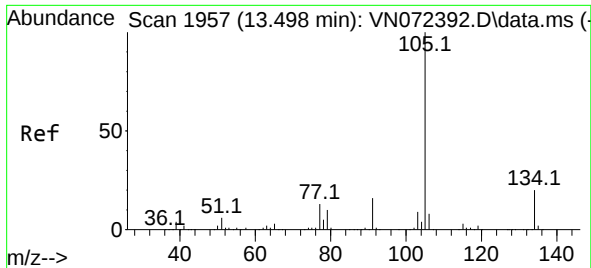
Tgt Ion:119 Resp: 49004
 Ion Ratio Lower Upper
 119 100
 91 97.2 31.6 94.8#
 134 0.0 13.7 41.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 36.072 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. -0.001 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

Tgt Ion:105 Resp: 404687
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.3 69.8

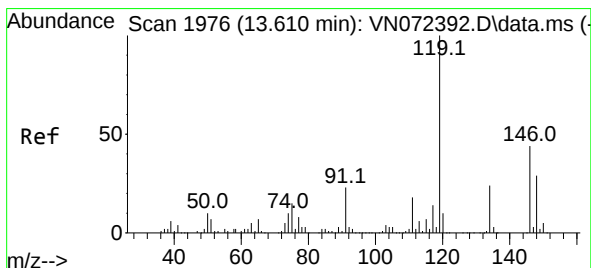
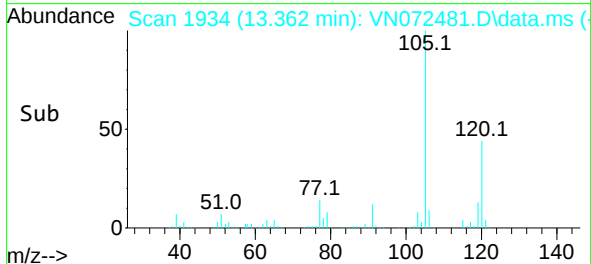
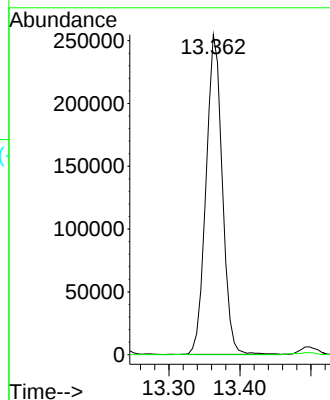
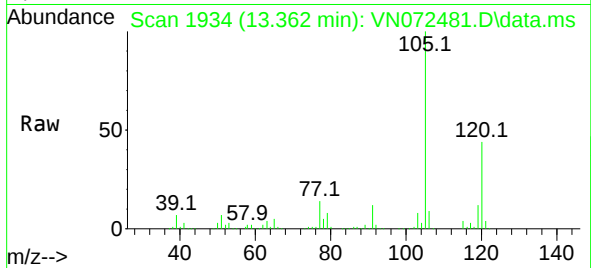




#85
 sec-Butylbenzene
 Concen: 30.055 ug/l
 RT: 13.362 min Scan# 1957
 Delta R.T. -0.136 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

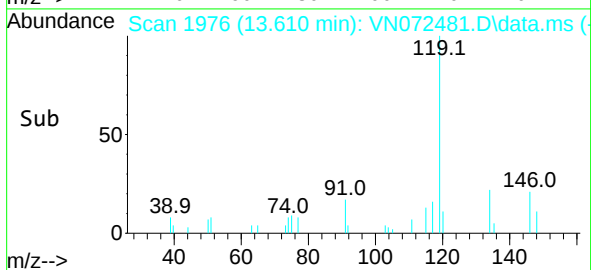
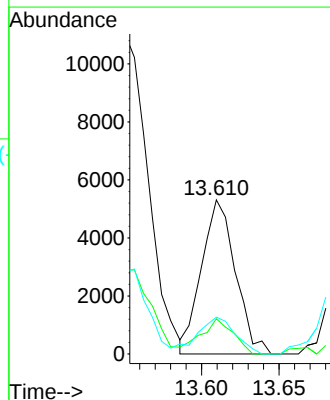
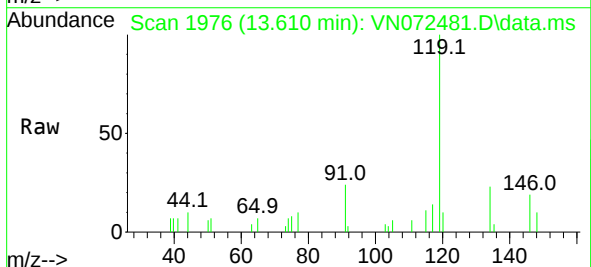
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL

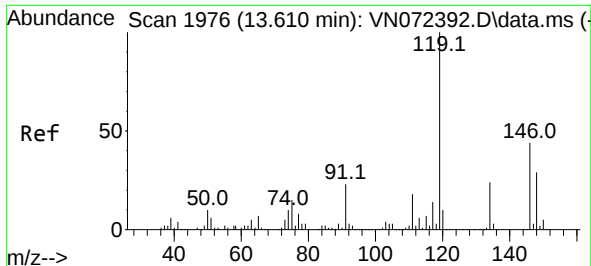
Tgt Ion:105 Resp: 404687
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.770 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

Tgt Ion:119 Resp: 8076
 Ion Ratio Lower Upper
 119 100
 134 21.6 13.3 39.8
 91 26.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.311 ug/l

RT: 13.621 min Scan# 1978

Delta R.T. 0.011 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

DUP051122DL

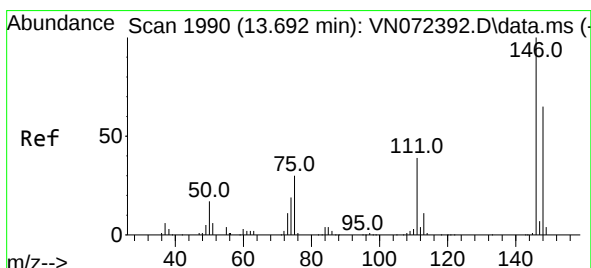
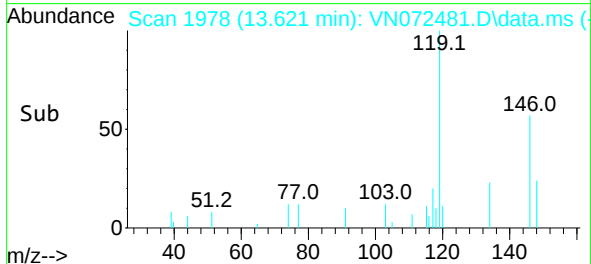
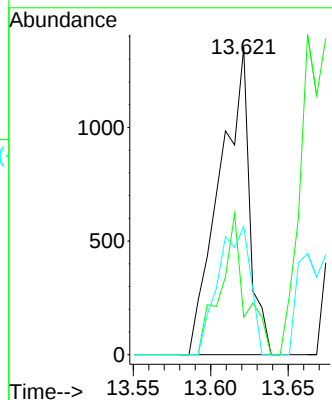
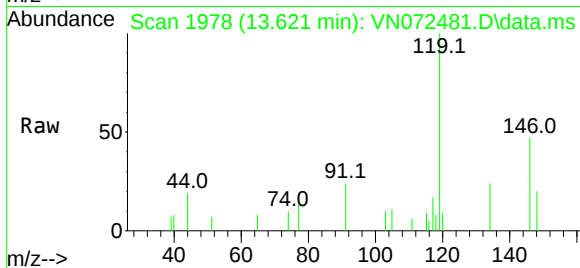
Tgt Ion:146 Resp: 1807

Ion Ratio Lower Upper

146 100

111 38.2 20.0 60.0

148 45.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.313 ug/l

RT: 13.621 min Scan# 1978

Delta R.T. -0.071 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

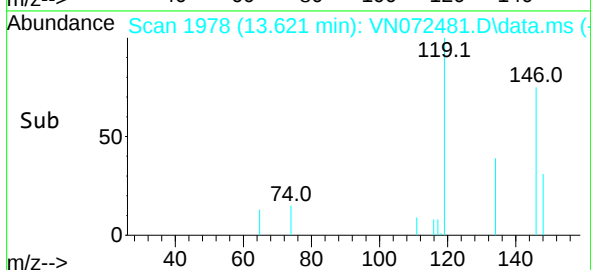
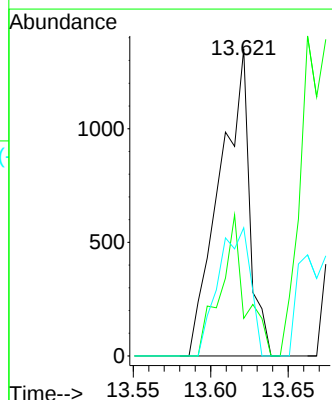
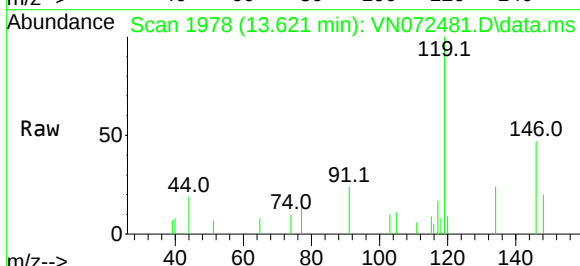
Tgt Ion:146 Resp: 1807

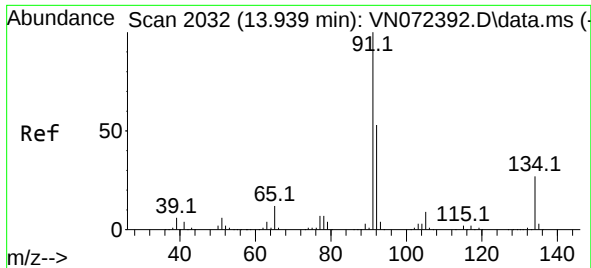
Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.1

148 45.1 31.4 94.3

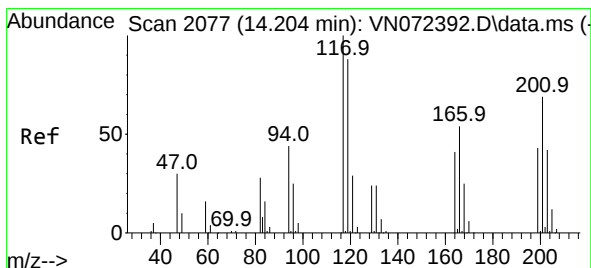
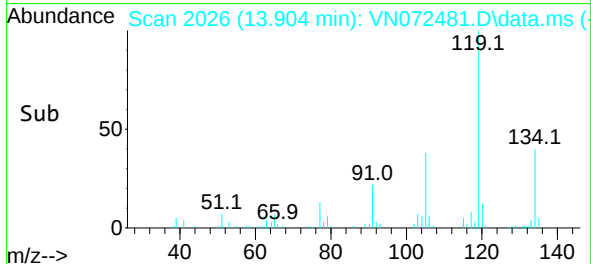
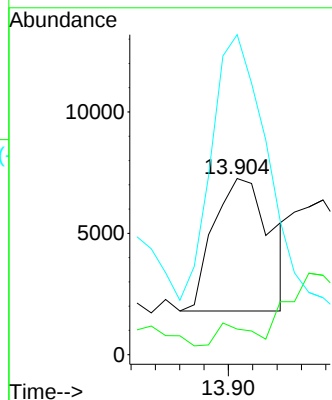
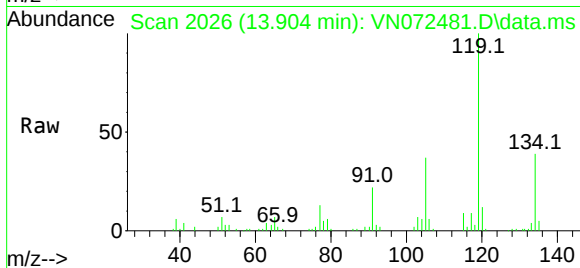




#89
n-Butylbenzene
Concen: 1.111 ug/l
RT: 13.904 min Scan# 2032
Delta R.T. -0.035 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

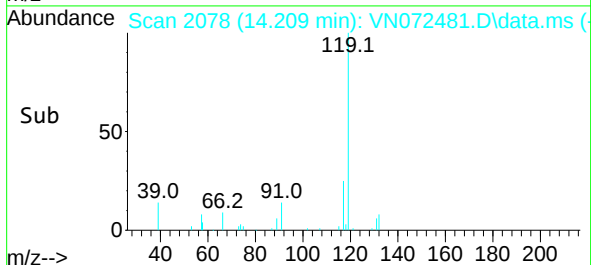
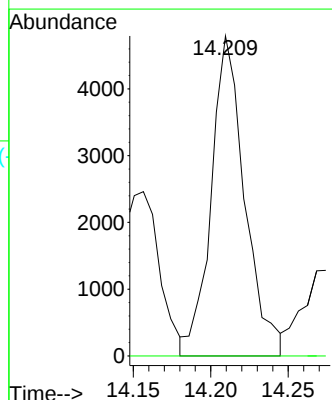
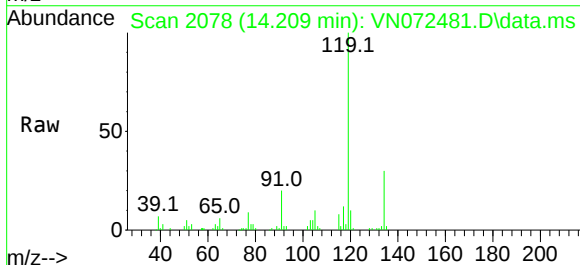
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

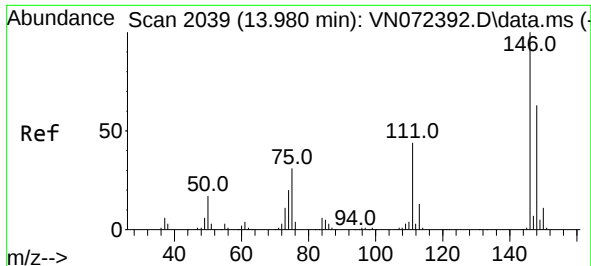
Tgt Ion: 91 Resp: 8911
Ion Ratio Lower Upper
91 100
92 17.3 26.9 80.7#
134 291.2 13.6 40.8#



#90
Hexachloroethane
Concen: 3.437 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. 0.005 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion: 117 Resp: 7203
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.278 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

DUP051122DL

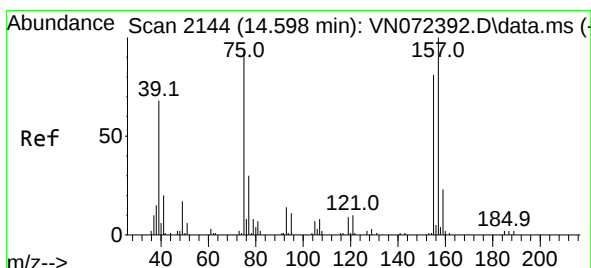
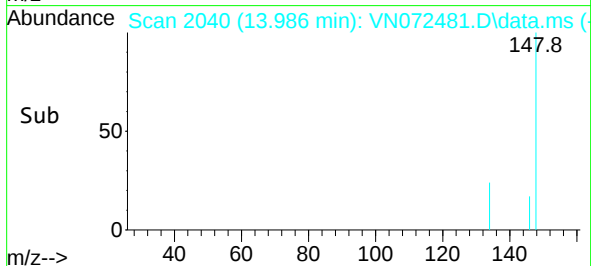
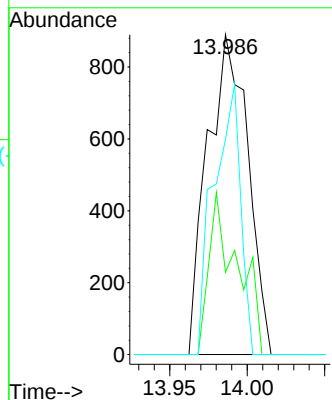
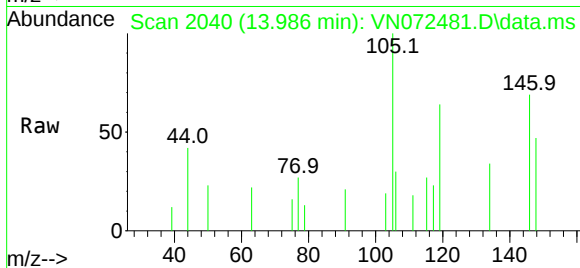
Tgt Ion:146 Resp: 1611

Ion Ratio Lower Upper

146 100

111 35.8 20.9 62.8

148 56.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.337 ug/l

RT: 14.609 min Scan# 2146

Delta R.T. 0.011 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

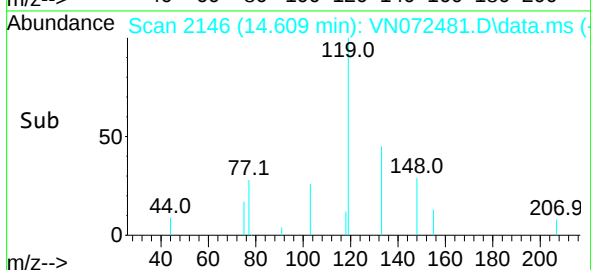
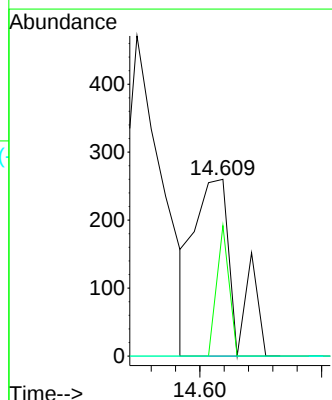
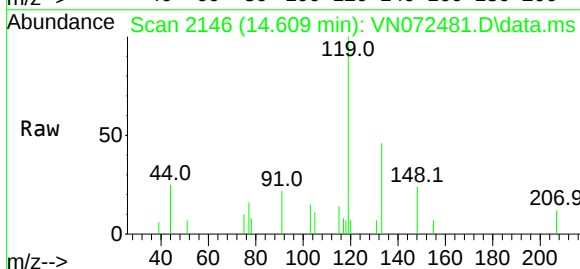
Tgt Ion: 75 Resp: 300

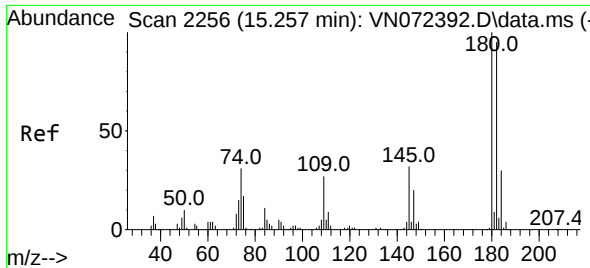
Ion Ratio Lower Upper

75 100

155 22.7 44.9 134.5#

157 0.0 59.0 176.8#

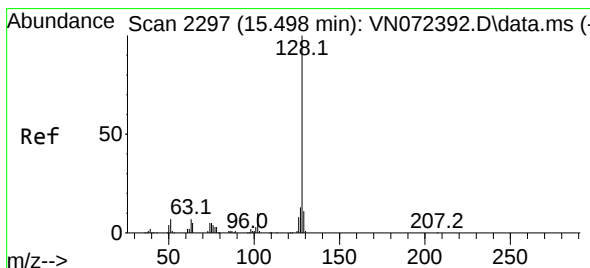
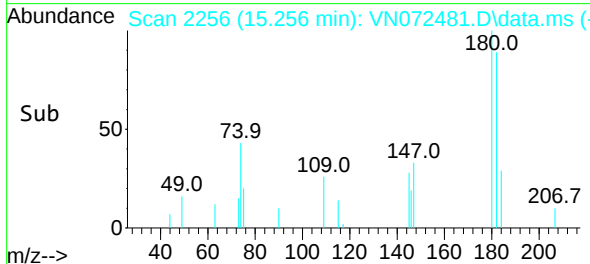
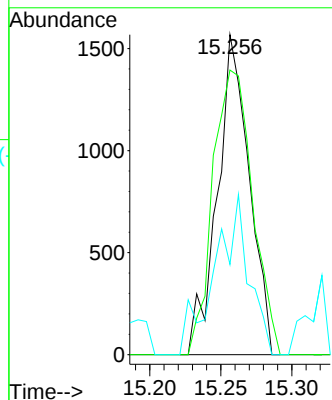
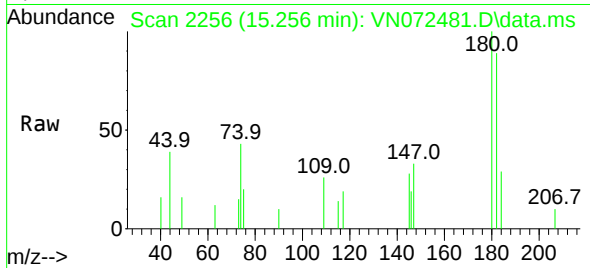




#93
 1,2,4-Trichlorobenzene
 Concen: 1.112 ug/l
 RT: 15.256 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

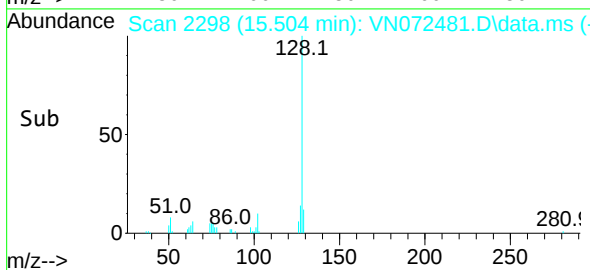
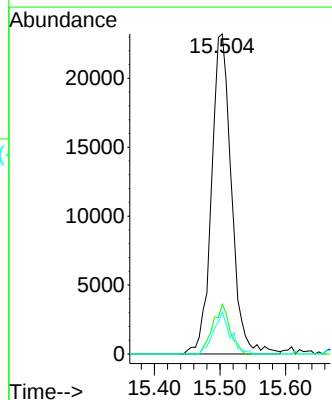
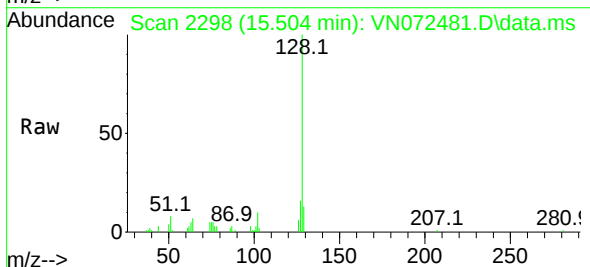
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL

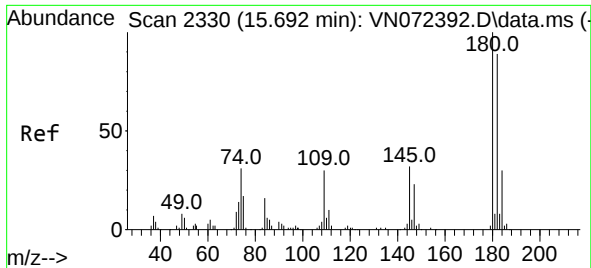
Tgt Ion:180 Resp: 2444
 Ion Ratio Lower Upper
 180 100
 182 110.5 47.5 142.5
 145 53.5 14.5 43.5#



#95
 Naphthalene
 Concen: 8.823 ug/l
 RT: 15.504 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

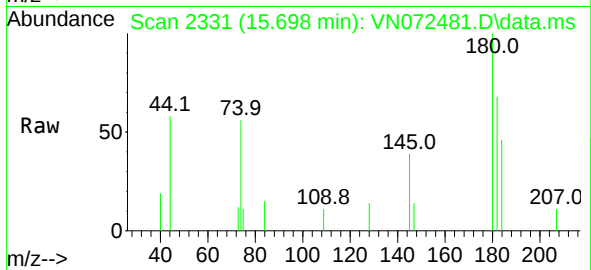
Tgt Ion:128 Resp: 48985
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.3 15.5
 129 11.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.322 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL



Tgt Ion:	180	Resp:	2913
Ion	Ratio	Lower	Upper
180	100		
182	98.8	47.8	143.3
145	46.1	15.5	46.5

