

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073971.D
 Acq On : 17 Aug 2022 13:06
 Operator : JC\MD
 Sample : N4203-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33105RE

Quant Time: Aug 17 15:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	649520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	937847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	918421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	555661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	306753	48.489	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.980%		
35) Dibromofluoromethane	7.951	113	297982	53.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.460%		
50) Toluene-d8	10.380	98	1012589	47.140	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.668	95	451413	63.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	126.640%#		
Target Compounds						Qvalue
5) Bromomethane	2.840	94	2144	0.467	ug/l #	62
11) Tert butyl alcohol	5.287	59	8278	5.850	ug/l #	82
13) Acrolein	3.987	56	6612	6.675	ug/l	95
14) Allyl chloride	4.763	41	9659	1.272	ug/l #	26
16) Acetone	4.222	43	448293	150.199	ug/l	100
17) Carbon Disulfide	4.469	76	20038	1.644	ug/l	97
18) Methyl Acetate	4.775	43	682632	93.737	ug/l	100
20) Methylene Chloride	5.022	84	75929	12.056	ug/l	95
25) 2-Butanone	7.257	43	176600	37.316	ug/l	100
26) 2,2-Dichloropropane	7.239	77	2685	0.285	ug/l #	53
29) Tetrahydrofuran	7.616	42	120394	39.658	ug/l #	31
31) Cyclohexane	8.022	56	10142	1.150	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	40036	5.197	ug/l #	49
37) Ethyl Acetate	7.339	43	83869	8.986	ug/l	99
38) Carbon Tetrachloride	8.022	117	54621	6.203	ug/l #	16
39) Methylcyclohexane	9.398	83	6194	0.642	ug/l	91
41) Methacrylonitrile	7.616	41	41792	9.909	ug/l #	38
42) 1,2-Dichloroethane	8.492	62	2108	0.252	ug/l #	74
43) Isopropyl Acetate	8.492	43	280282	21.081	ug/l	92
48) Methyl methacrylate	9.475	41	53905	9.475	ug/l #	38
49) 1,4-Dioxane	9.498	88	275	1.626	ug/l #	25
51) 4-Methyl-2-Pentanone	10.269	43	255298	28.401	ug/l	98
52) Toluene	10.445	92	5245	0.315	ug/l	88
54) cis-1,3-Dichloropropene	10.186	75	74425	7.655	ug/l #	60
56) Ethyl methacrylate	10.680	69	2011	0.217	ug/l #	1
57) 1,3-Dichloropropane	11.033	76	9379	0.889	ug/l #	42
59) 2-Hexanone	11.027	43	169610	24.517	ug/l	65
68) m/p-Xylenes	11.892	106	10120	0.767	ug/l	100
69) o-Xylene	12.221	106	7170	0.542	ug/l	83
71) Bromoform	12.668	173	2263	0.343	ug/l #	28
73) Isopropylbenzene	12.516	105	10806	0.267	ug/l	94
74) N-amyl acetate	12.310	43	126852	8.293	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.745	83	7469	0.550	ug/l #	25
76) 1,2,3-Trichloropropane	12.674	75	222004	19.222	ug/l #	1
78) n-propylbenzene	12.857	91	52054	1.207	ug/l	99
79) 2-Chlorotoluene	12.857	91	52033	1.936	ug/l	81

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

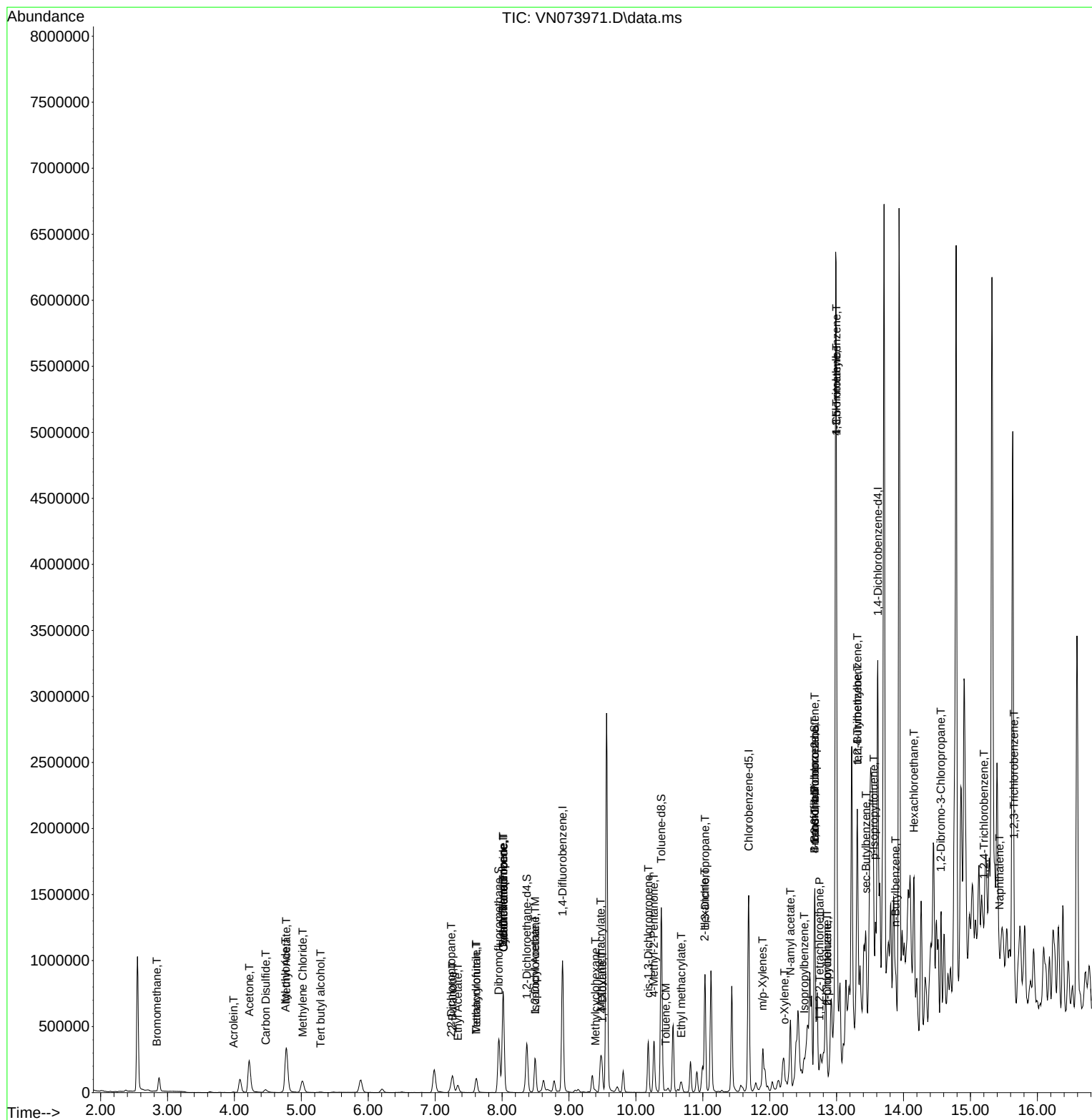
80) 1,3,5-Trimethylbenzene	12.998	105	188442	5.726	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.674	75	222004	54.671	ug/l #	10
82) 4-Chlorotoluene	12.998	91	26439	1.036	ug/l	72
83) tert-Butylbenzene	13.310	119	111832	3.693	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.310	105	965976	29.392	ug/l	97
85) sec-Butylbenzene	13.439	105	125195	3.189	ug/l	79
86) p-Isopropyltoluene	13.557	119	157041	4.696	ug/l #	78
89) n-Butylbenzene	13.880	91	176757	6.673	ug/l #	78
90) Hexachloroethane	14.157	117	42464	6.946	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.557	75	1420	0.443	ug/l #	36
93) 1,2,4-Trichlorobenzene	15.204	180	4465	0.374	ug/l #	1
95) Naphthalene	15.433	128	125266	3.219	ug/l	96
96) 1,2,3-Trichlorobenzene	15.651	180	9068	0.735	ug/l #	25

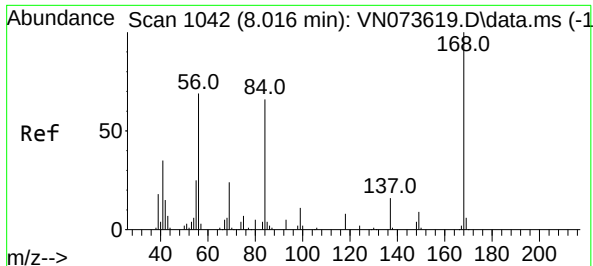
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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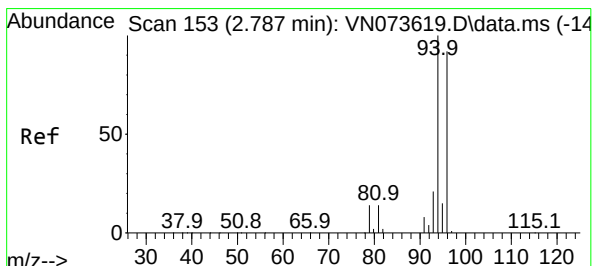
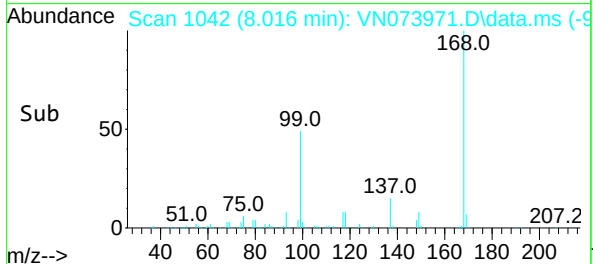
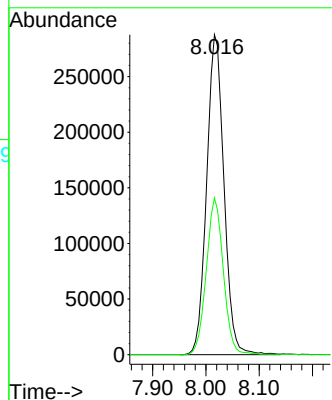
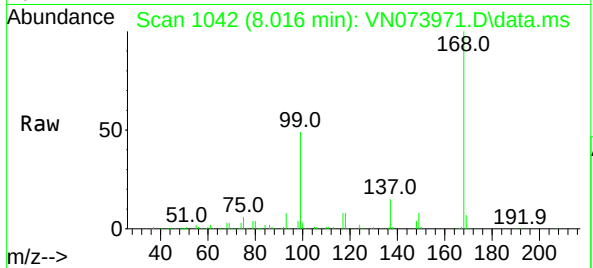




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

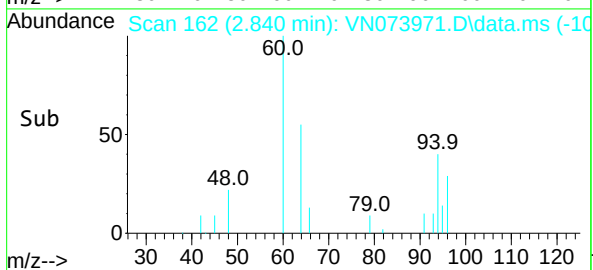
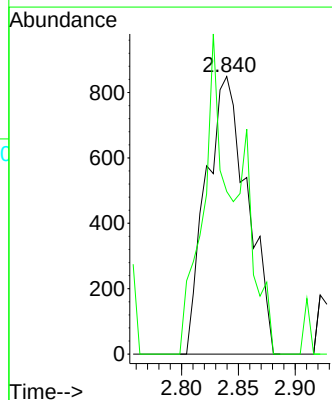
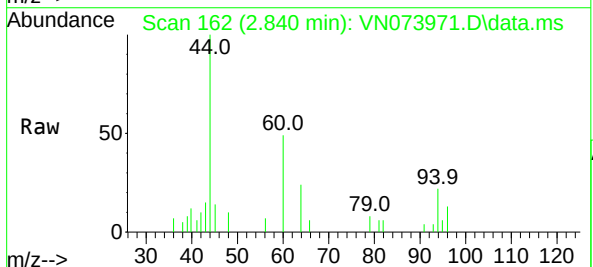
Instrument :
MSVOA_N
ClientSampleId :
33105RE

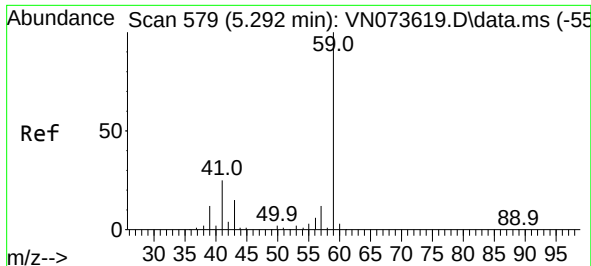
Tgt Ion:168 Resp: 649520
Ion Ratio Lower Upper
168 100
99 49.0 42.3 63.5



#5
Bromomethane
Concen: 0.467 ug/l
RT: 2.840 min Scan# 162
Delta R.T. 0.053 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 94 Resp: 2144
Ion Ratio Lower Upper
94 100
96 58.5 76.0 114.0#





#11

Tert butyl alcohol

Concen: 5.850 ug/l

RT: 5.287 min Scan# 51

Delta R.T. -0.005 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

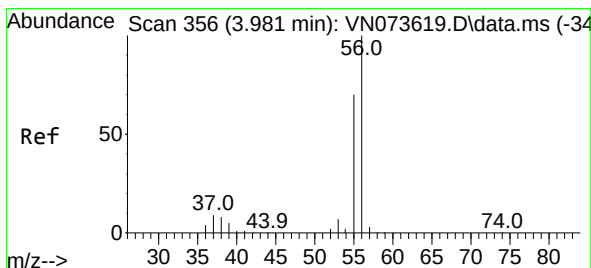
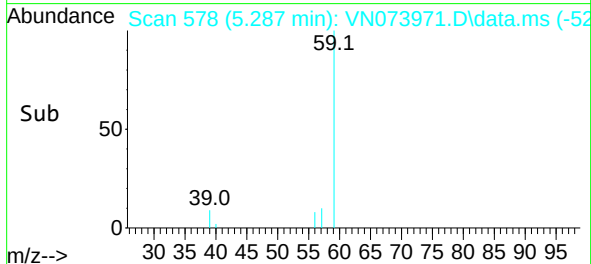
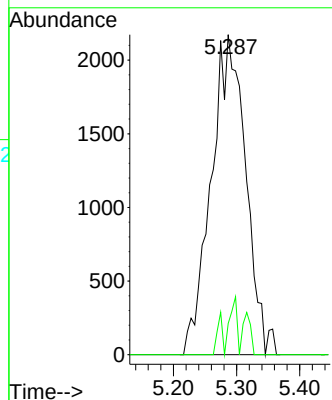
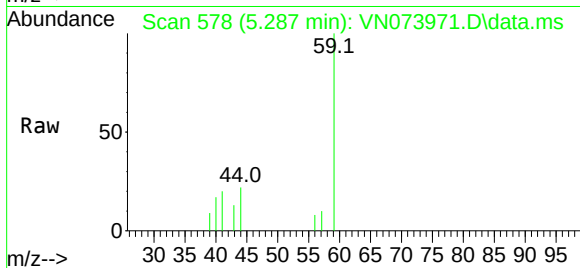
33105RE

Tgt Ion: 59 Resp: 8278

Ion Ratio Lower Upper

59 100

57 3.8 8.3 12.5#



#13

Acrolein

Concen: 6.675 ug/l

RT: 3.987 min Scan# 357

Delta R.T. 0.006 min

Lab File: VN073971.D

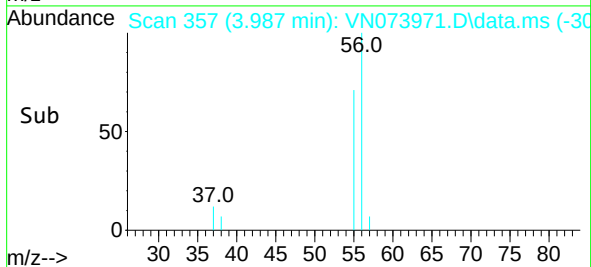
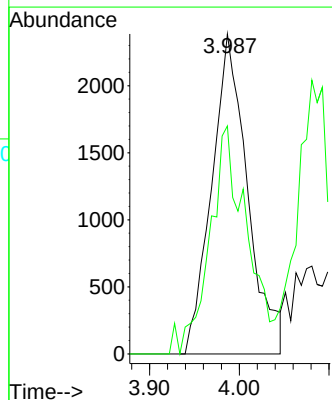
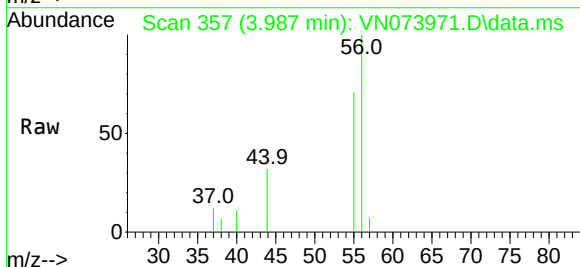
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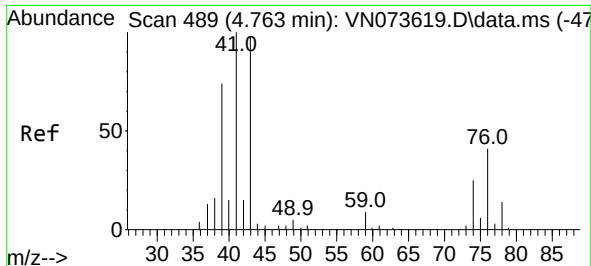
Tgt Ion: 56 Resp: 6612

Ion Ratio Lower Upper

56 100

55 72.7 54.8 82.2

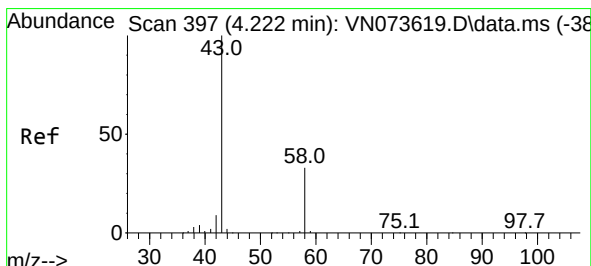
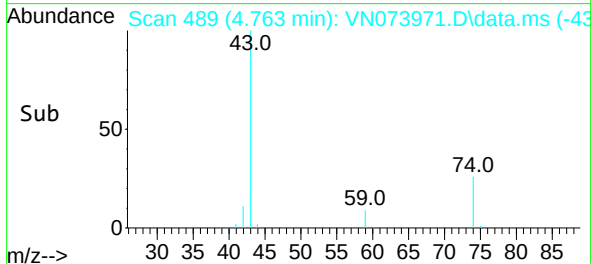
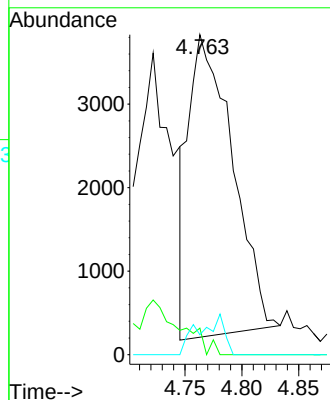
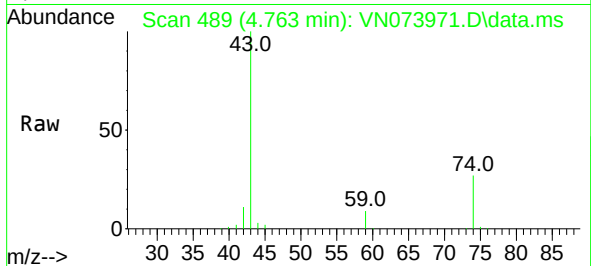




#14
 Allyl chloride
 Concen: 1.272 ug/l
 RT: 4.763 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN073971.D
 Acq: 17 Aug 2022 13:06

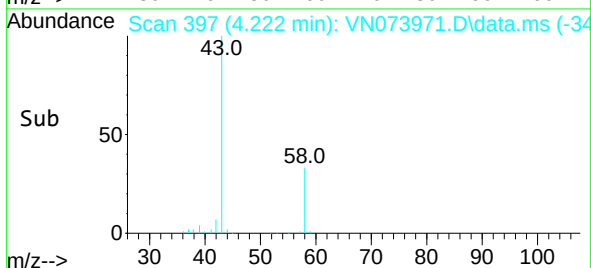
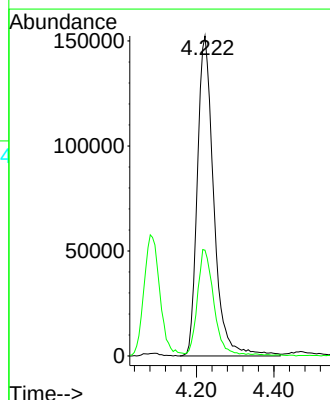
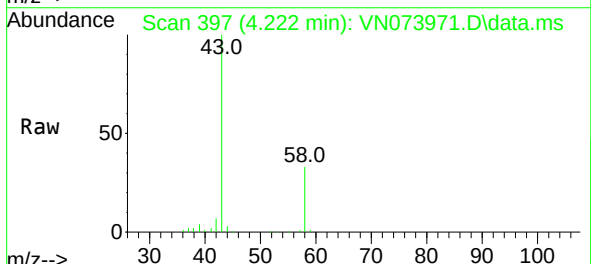
Instrument :
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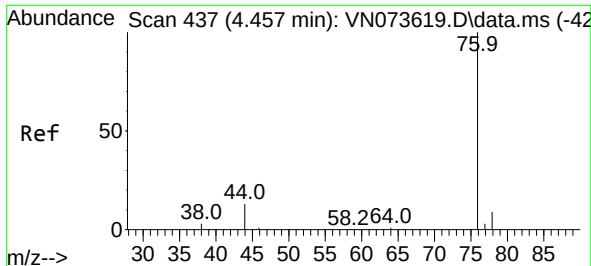
Tgt Ion: 41 Resp: 9659
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.2 79.8#
 76 3.0 29.9 44.9#



#16
 Acetone
 Concen: 150.199 ug/l
 RT: 4.222 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VN073971.D
 Acq: 17 Aug 2022 13:06

Tgt Ion: 43 Resp: 448293
 Ion Ratio Lower Upper
 43 100
 58 32.7 26.0 39.0

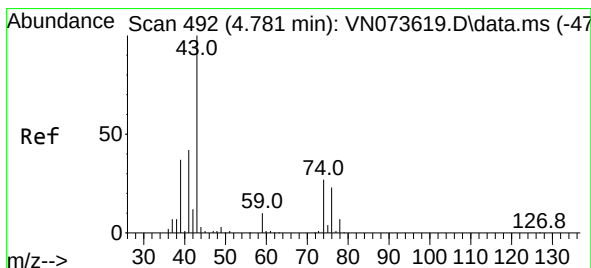
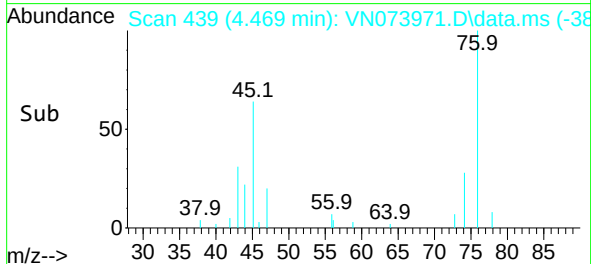
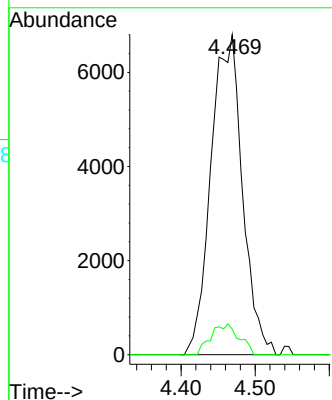
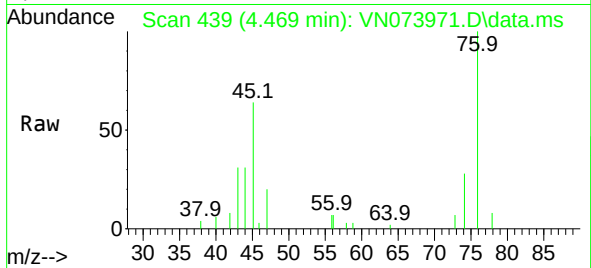




#17
Carbon Disulfide
Concen: 1.644 ug/l
RT: 4.469 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

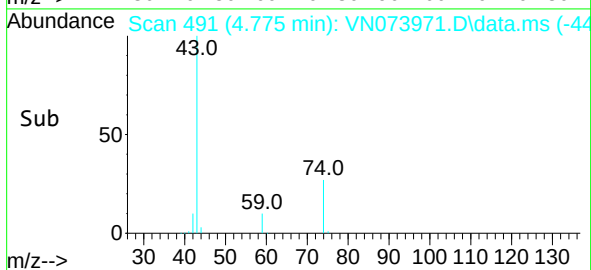
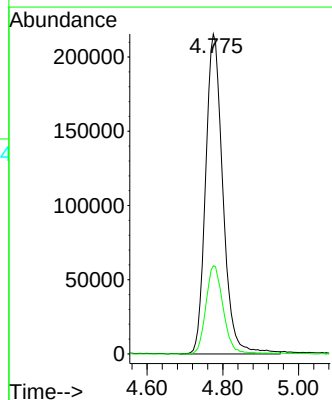
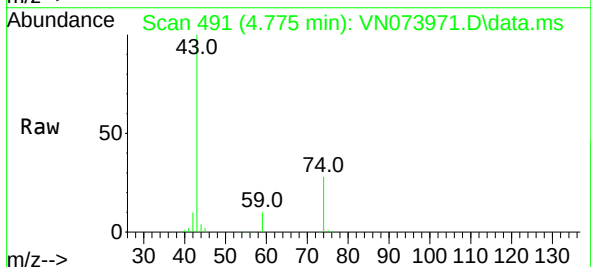
Instrument :
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ClientSampleId :
33105RE

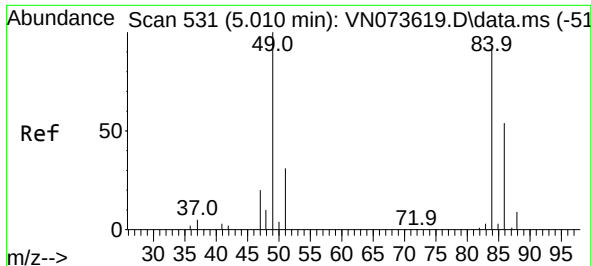
Tgt Ion: 76 Resp: 20038
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#18
Methyl Acetate
Concen: 93.737 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 43 Resp: 682632
Ion Ratio Lower Upper
43 100
74 27.3 21.6 32.4





#20

Methylene Chloride

Concen: 12.056 ug/l

RT: 5.022 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

33105RE

Tgt Ion: 84 Resp: 75929

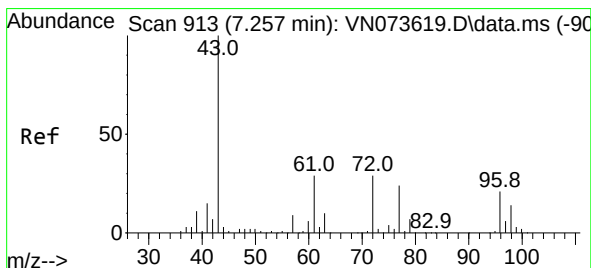
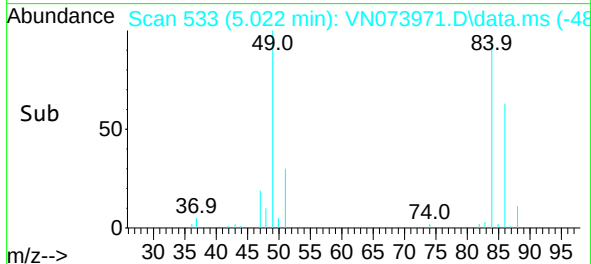
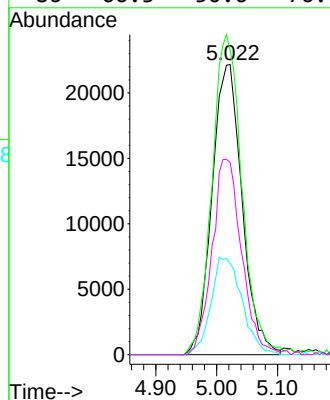
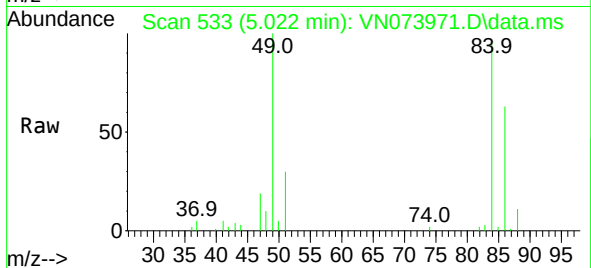
Ion Ratio Lower Upper

84 100

49 104.9 88.3 132.5

51 31.4 28.2 42.2

86 66.3 50.6 76.0



#25

2-Butanone

Concen: 37.316 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN073971.D

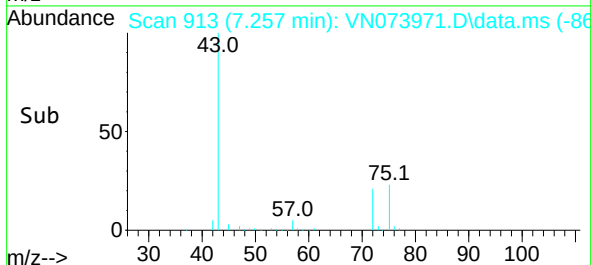
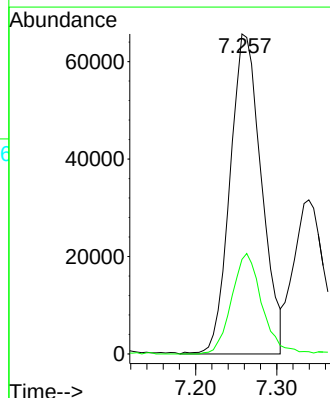
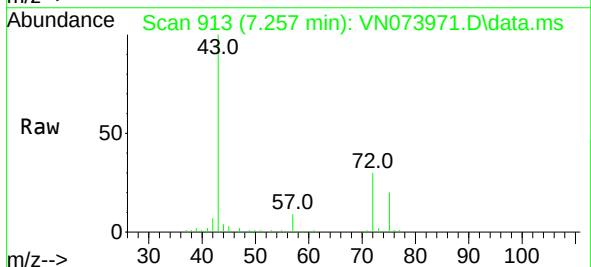
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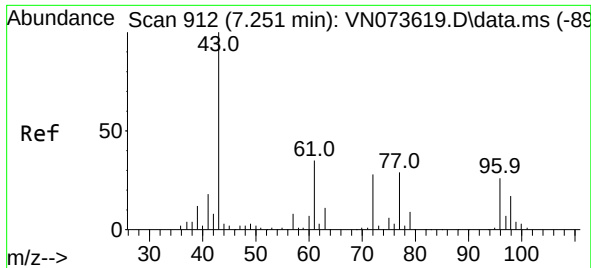
Tgt Ion: 43 Resp: 176600

Ion Ratio Lower Upper

43 100

72 29.6 23.7 35.5

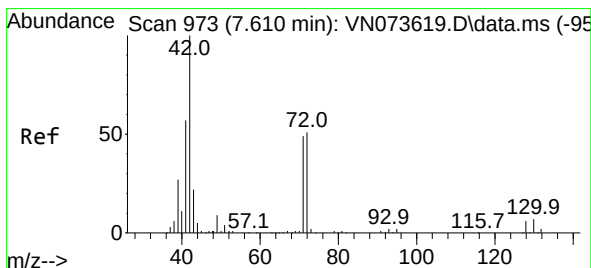
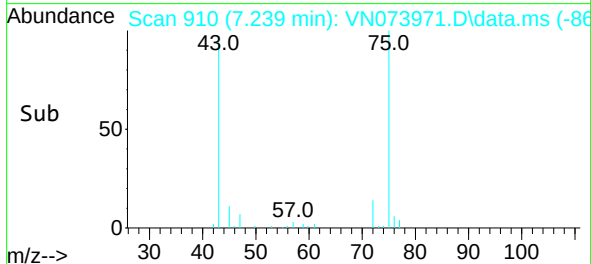
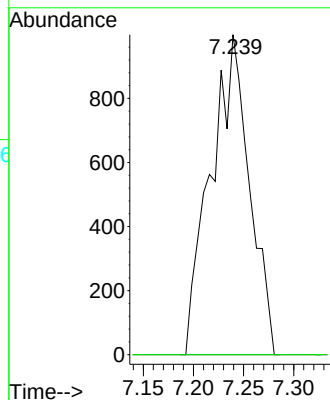
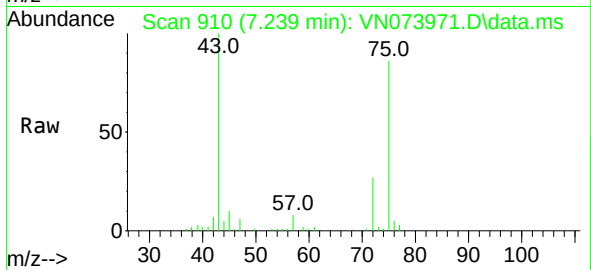




#26
2,2-Dichloropropane
Concen: 0.285 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

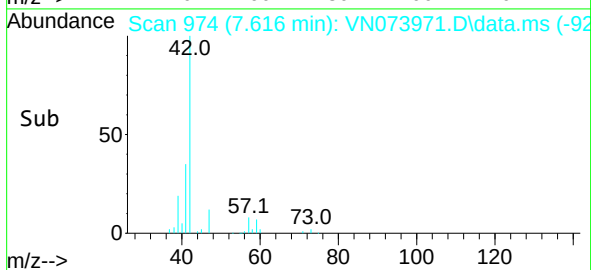
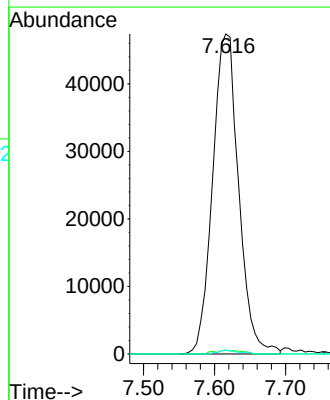
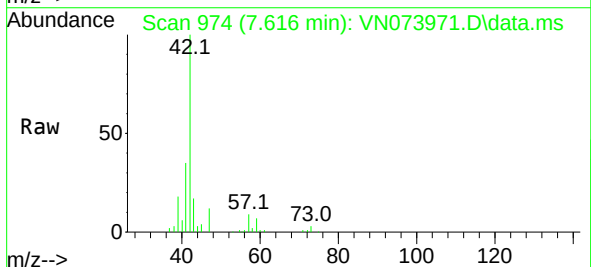
Instrument :
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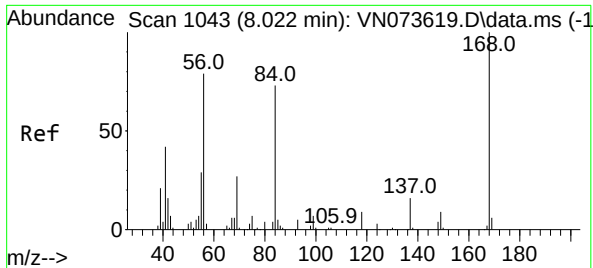
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Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 39.658 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 42 Resp: 120394
Ion Ratio Lower Upper
42 100
72 1.2 39.7 59.5#
71 0.9 36.6 55.0#

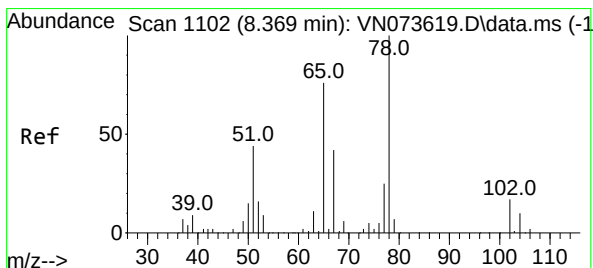
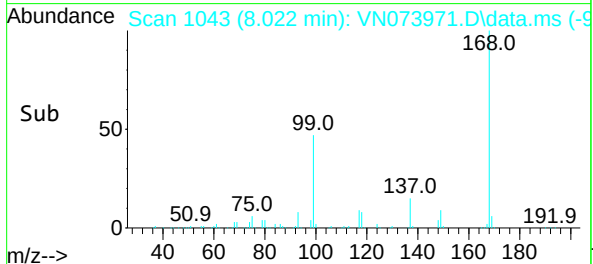
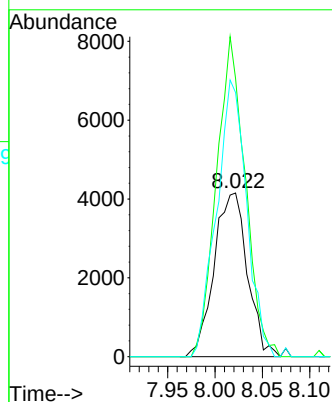
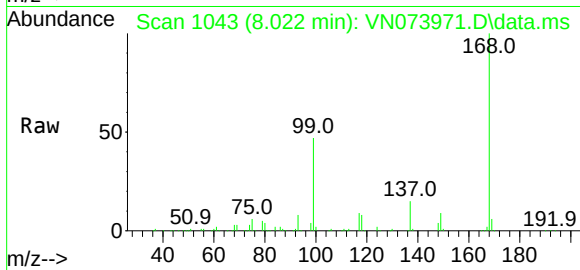




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

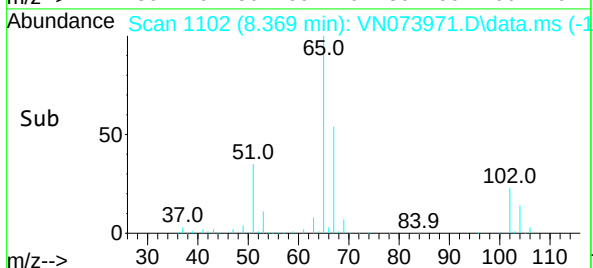
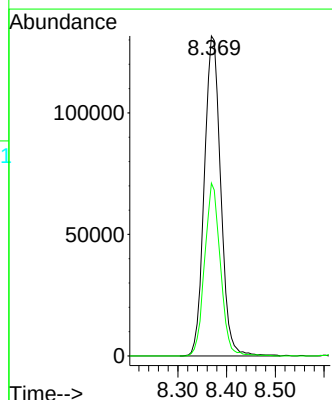
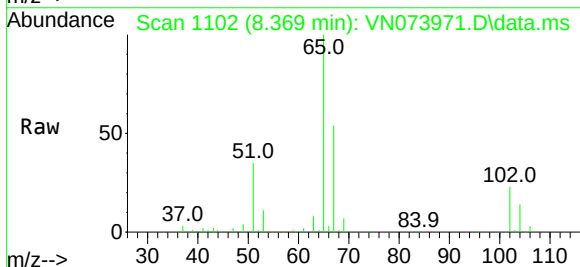
Instrument :
MSVOA_N
ClientSampleId :
33105RE

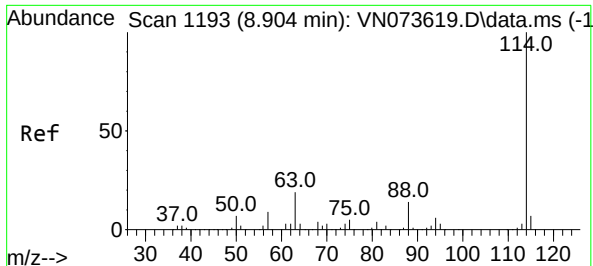
Tgt Ion: 56 Resp: 10142
Ion Ratio Lower Upper
56 100
69 169.9 27.8 41.8#
84 161.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.489 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 65 Resp: 306753
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

33105RE

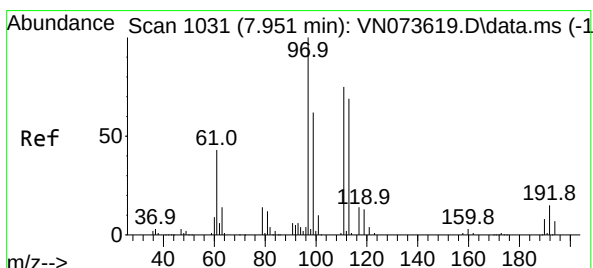
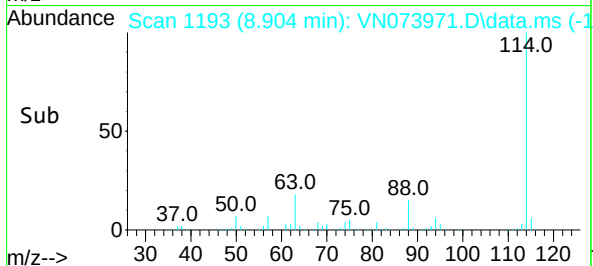
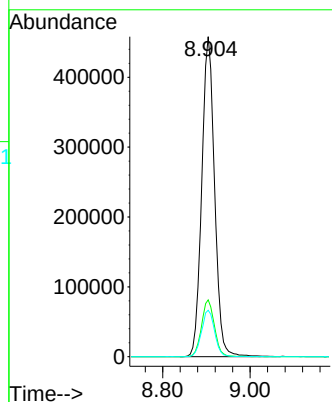
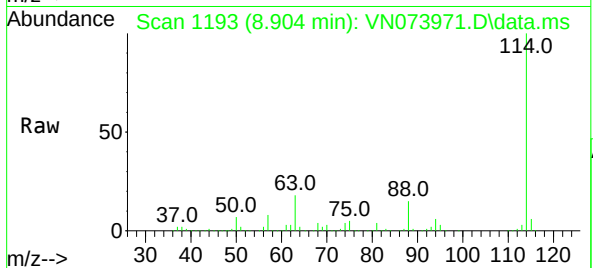
Tgt Ion:114 Resp: 937847

Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.726 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

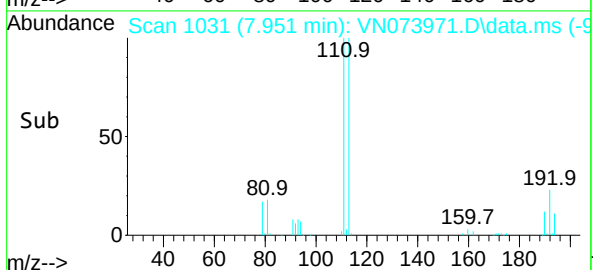
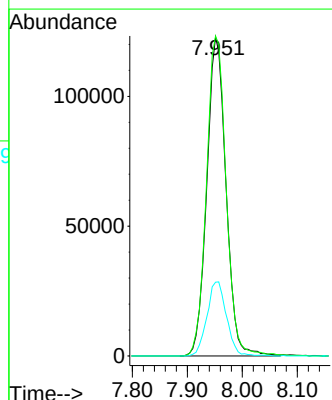
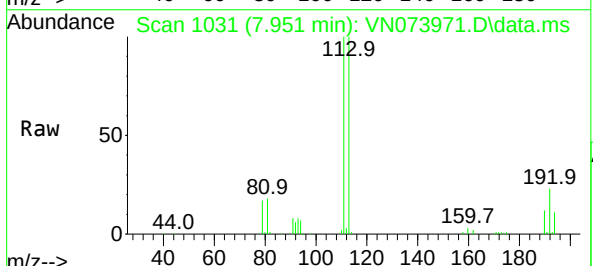
Tgt Ion:113 Resp: 297982

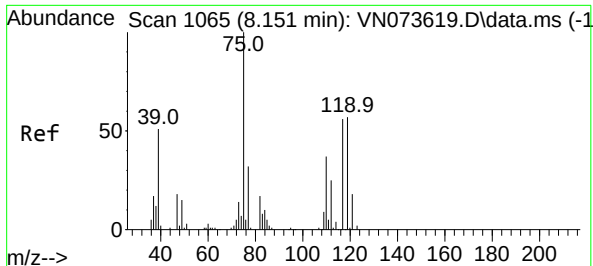
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.197 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

33105RE

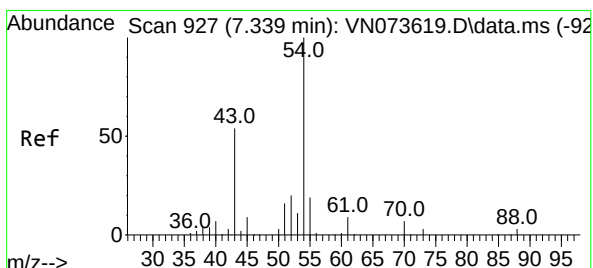
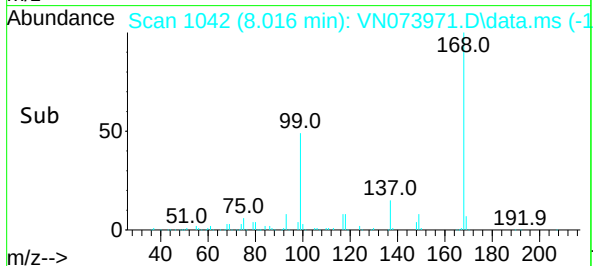
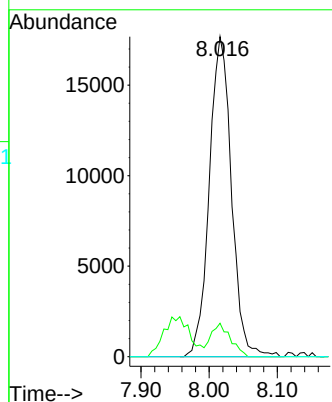
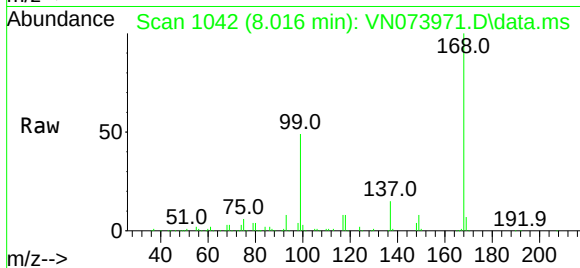
Tgt Ion: 75 Resp: 40036

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 8.986 ug/l

RT: 7.339 min Scan# 927

Delta R.T. 0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

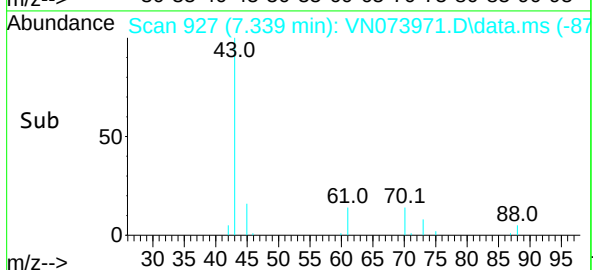
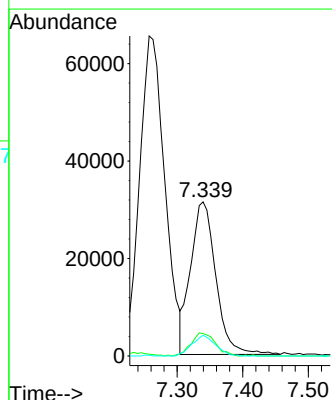
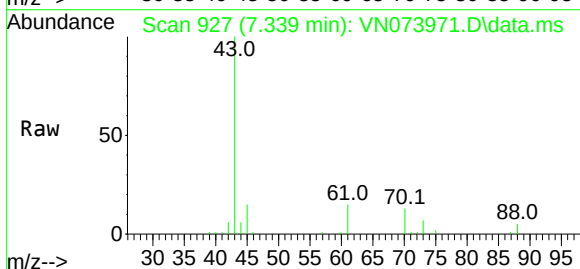
Tgt Ion: 43 Resp: 83869

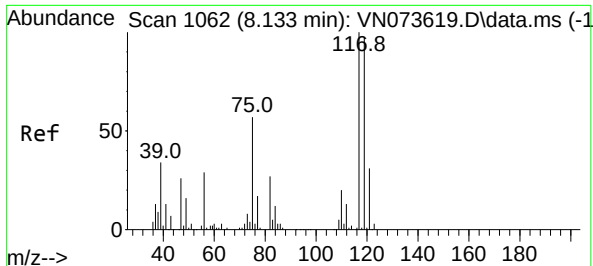
Ion Ratio Lower Upper

43 100

61 14.6 11.8 17.6

70 12.5 9.3 13.9

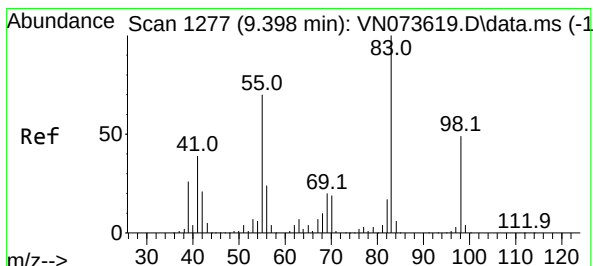
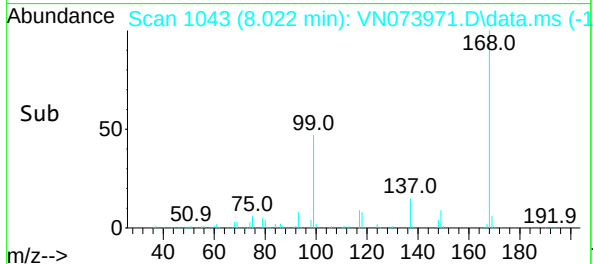
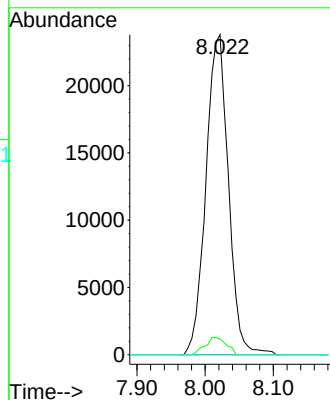
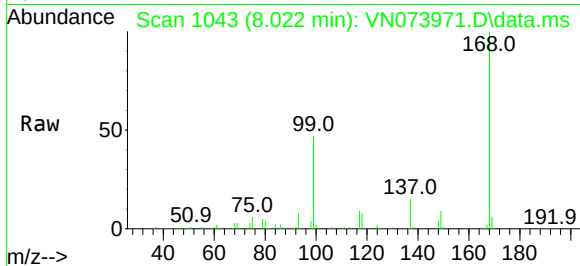




#38
Carbon Tetrachloride
Concen: 6.203 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.111 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

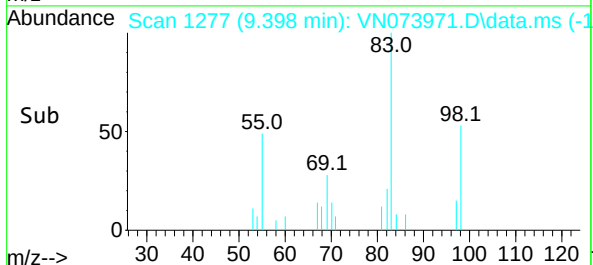
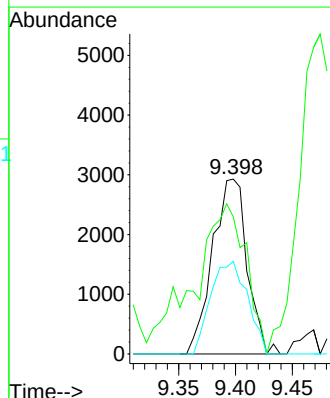
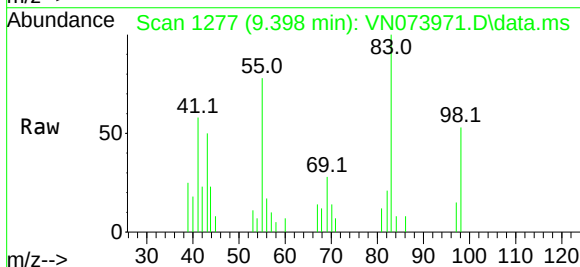
Instrument :
MSVOA_N
ClientSampleId :
33105RE

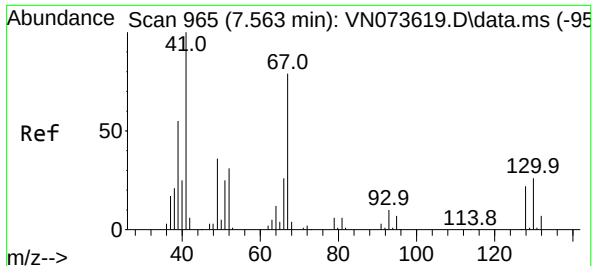
Tgt Ion:117 Resp: 54621
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.642 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 83 Resp: 6194
Ion Ratio Lower Upper
83 100
55 62.6 57.8 86.8
98 52.9 39.4 59.2

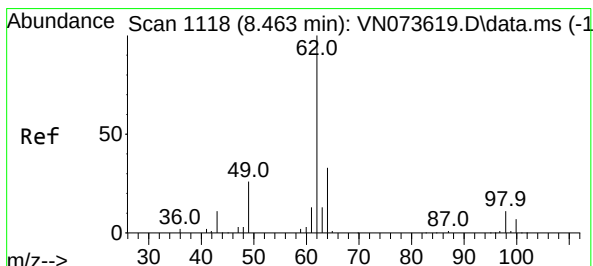
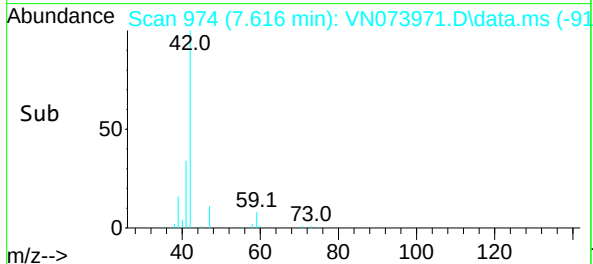
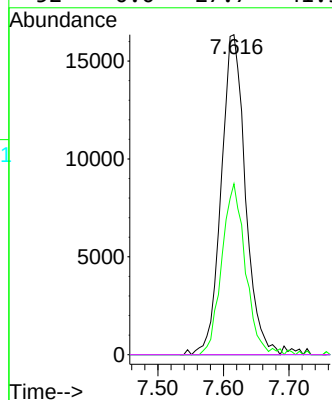
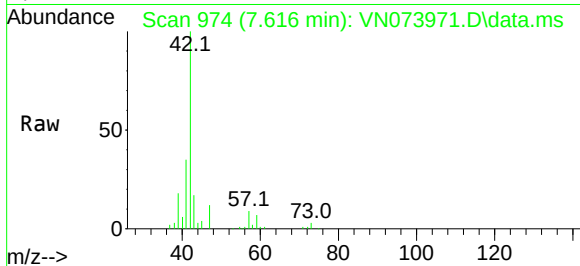




#41
Methacrylonitrile
Concen: 9.909 ug/l
RT: 7.616 min Scan# 91
Delta R.T. 0.053 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

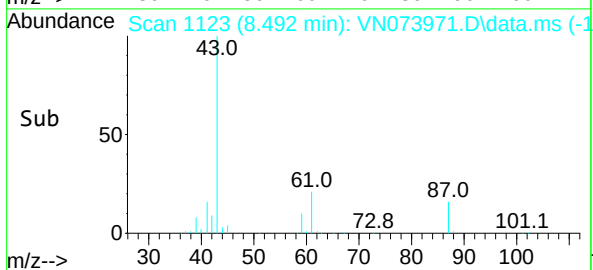
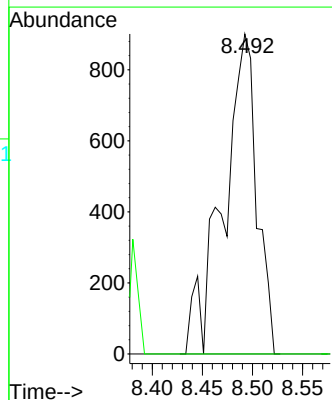
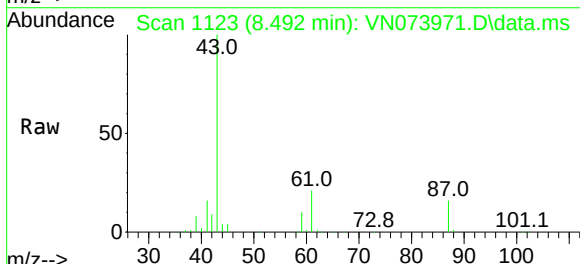
Instrument :
MSVOA_N
ClientSampleId :
33105RE

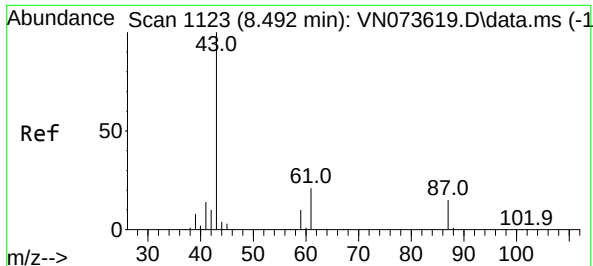
Tgt Ion: 41 Resp: 41792
Ion Ratio Lower Upper
41 100
39 52.4 48.6 73.0
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.252 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.029 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 62 Resp: 2108
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 21.081 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

33105RE

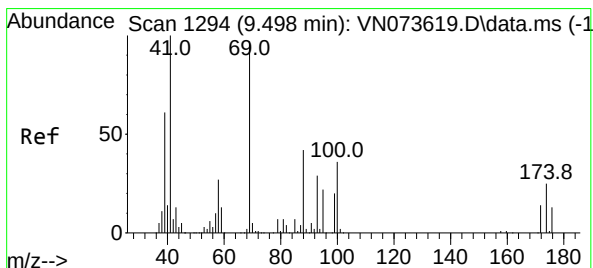
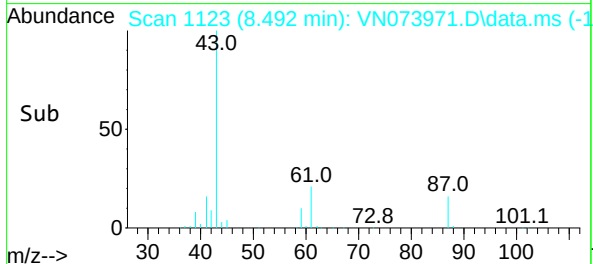
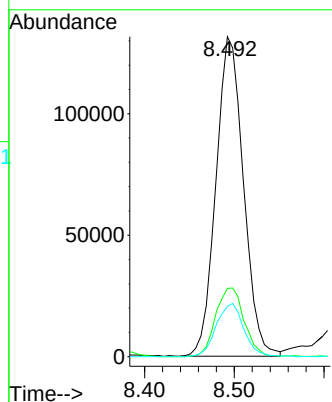
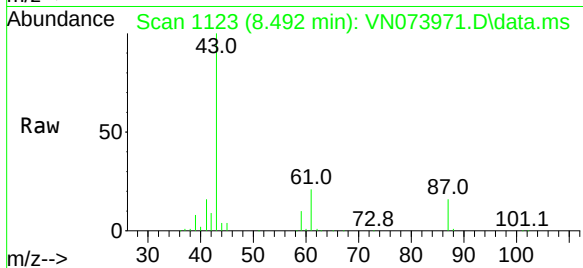
Tgt Ion: 43 Resp: 280282

Ion Ratio Lower Upper

43 100

61 22.3 21.9 32.9

87 16.8 12.0 18.0



#48

Methyl methacrylate

Concen: 9.475 ug/l

RT: 9.475 min Scan# 1290

Delta R.T. -0.023 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

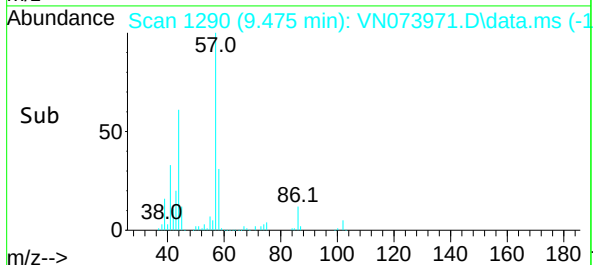
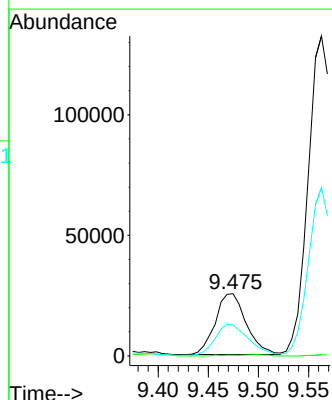
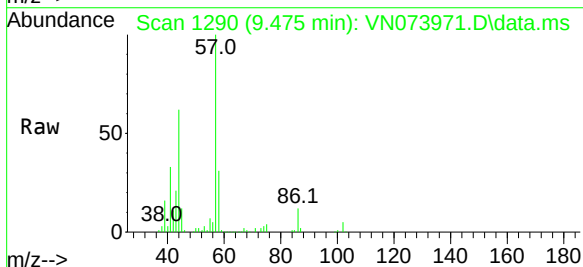
Tgt Ion: 41 Resp: 53905

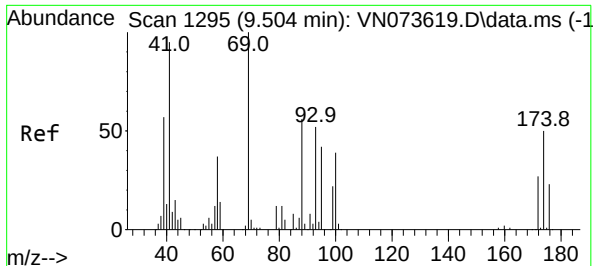
Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 54.5 45.6 68.4





#49

1,4-Dioxane

Concen: 1.626 ug/l

RT: 9.498 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

33105RE

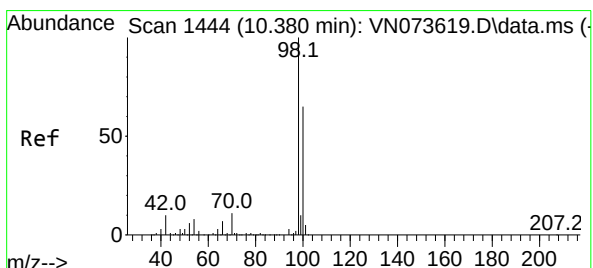
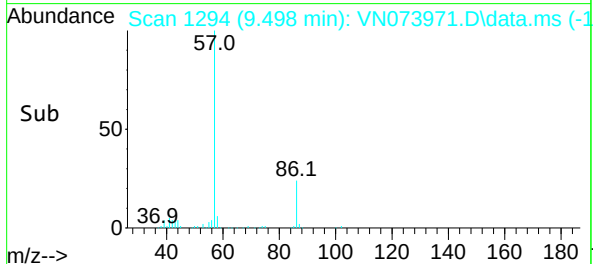
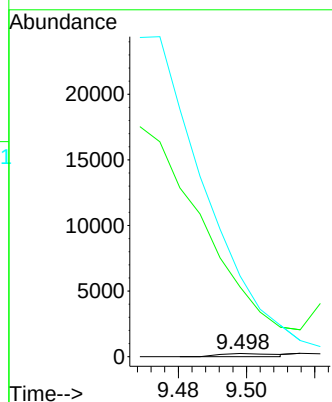
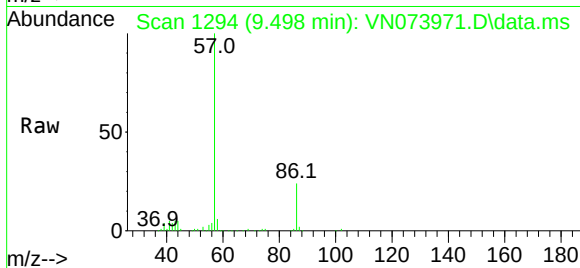
Tgt Ion: 88 Resp: 275

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 0.0 54.2 81.4#



#50

Toluene-d8

Concen: 47.140 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073971.D

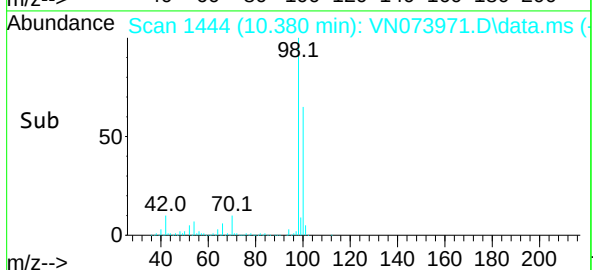
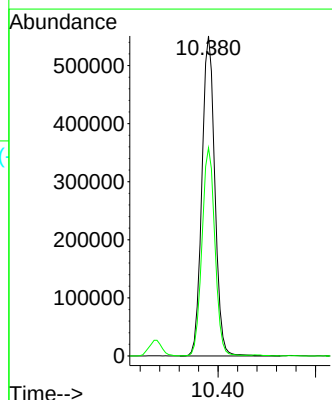
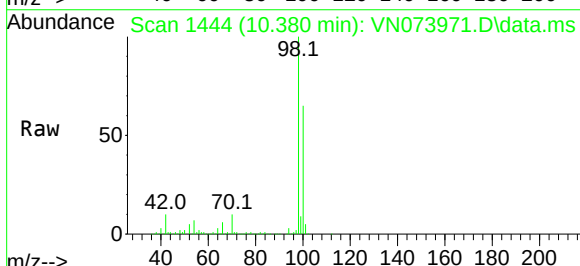
Acq: 17 Aug 2022 13:06

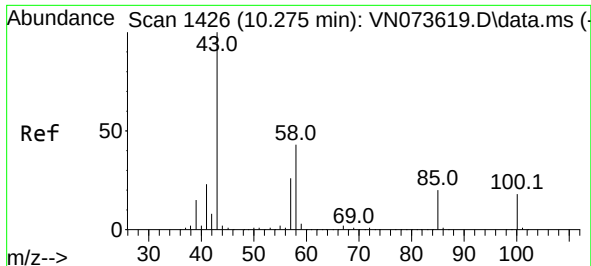
Tgt Ion: 98 Resp: 1012589

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

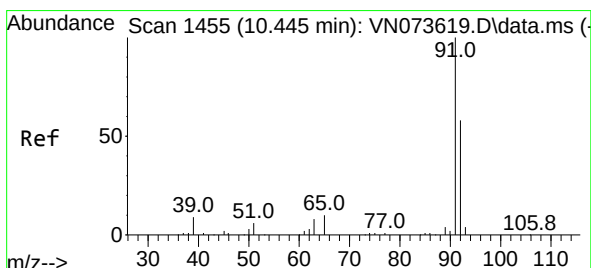
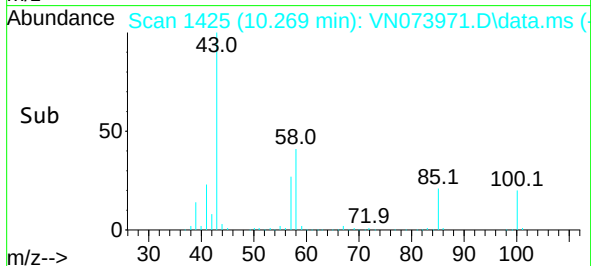
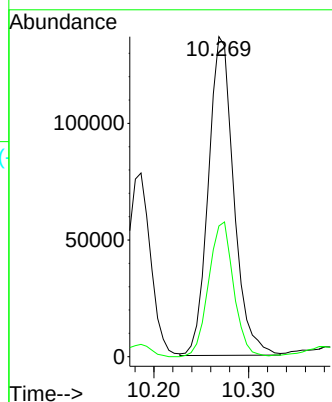
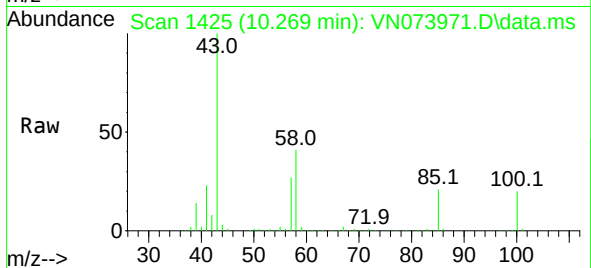




#51
4-Methyl-2-Pentanone
Concen: 28.401 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

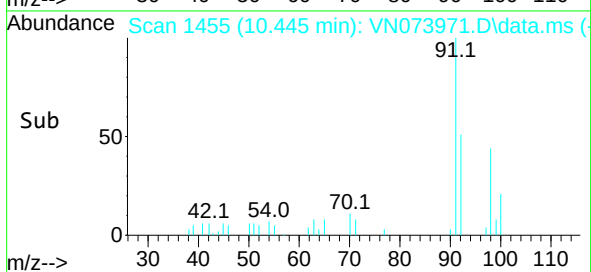
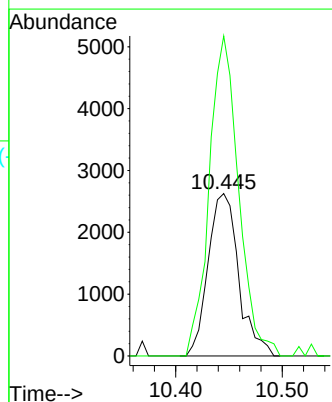
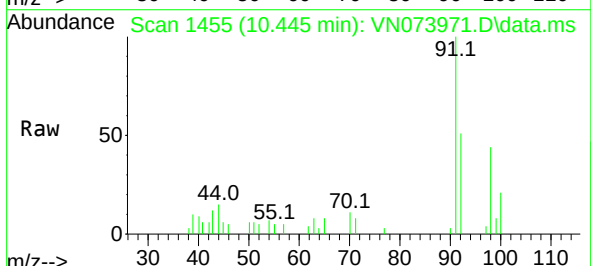
Instrument :
MSVOA_N
ClientSampleId :
33105RE

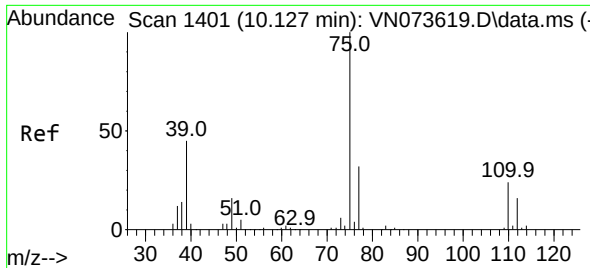
Tgt Ion: 43 Resp: 255298
Ion Ratio Lower Upper
43 100
58 41.4 34.1 51.1



#52
Toluene
Concen: 0.315 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 92 Resp: 5245
Ion Ratio Lower Upper
92 100
91 189.2 138.6 207.8

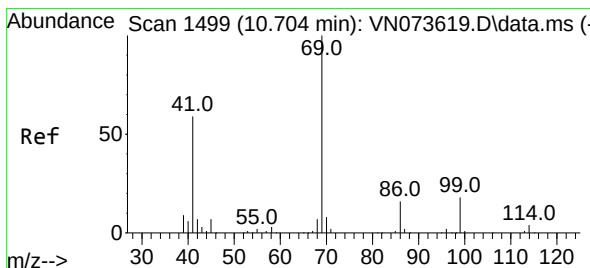
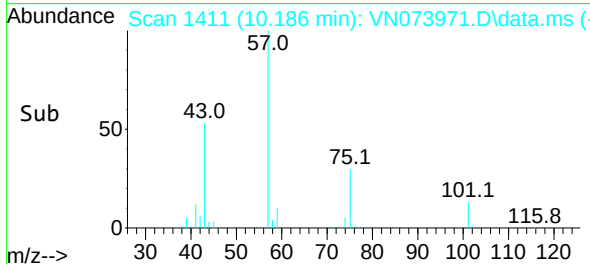
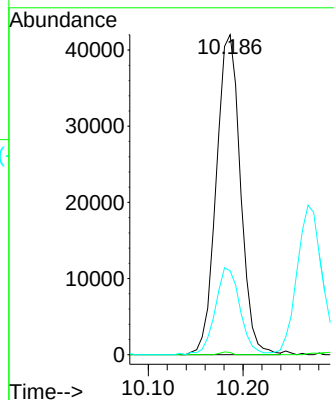
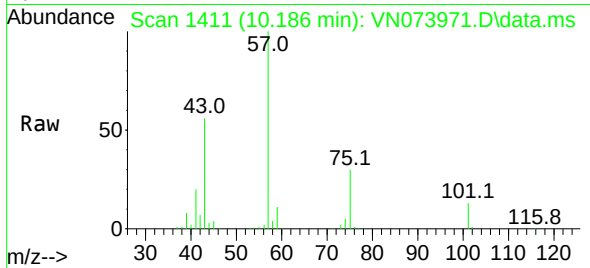




#54
 cis-1,3-Dichloropropene
 Concen: 7.655 ug/l
 RT: 10.186 min Scan# 1411
 Delta R.T. 0.059 min
 Lab File: VN073971.D
 Acq: 17 Aug 2022 13:06

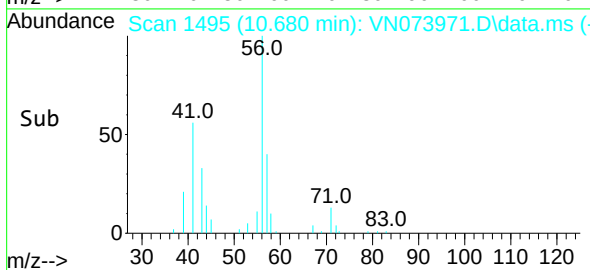
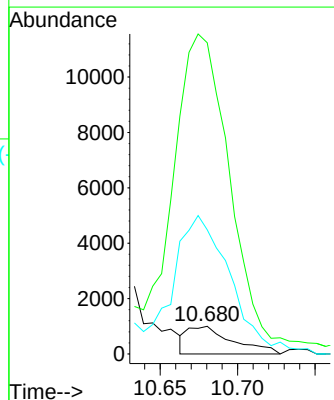
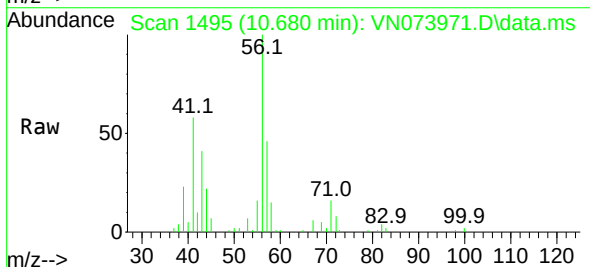
Instrument :
 MSVOA_N
 ClientSampleId :
 33105RE

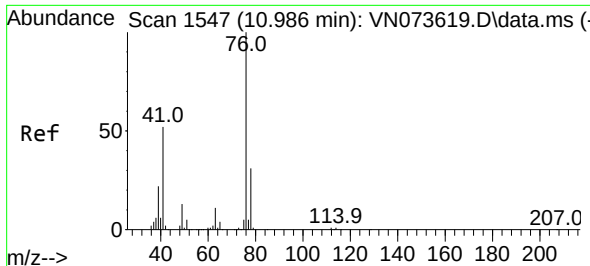
Tgt Ion: 75 Resp: 74425
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.2 37.8#
 39 25.7 35.7 53.5#



#56
 Ethyl methacrylate
 Concen: 0.217 ug/l
 RT: 10.680 min Scan# 1495
 Delta R.T. -0.024 min
 Lab File: VN073971.D
 Acq: 17 Aug 2022 13:06

Tgt Ion: 69 Resp: 2011
 Ion Ratio Lower Upper
 69 100
 41 1388.4 47.8 71.6#
 39 637.6 27.3 40.9#

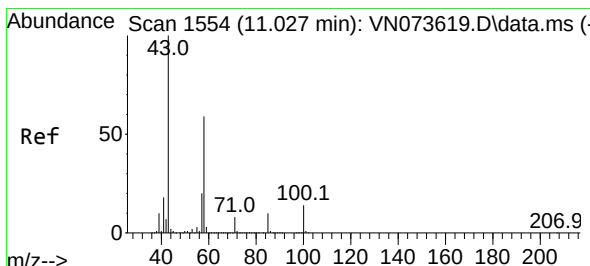
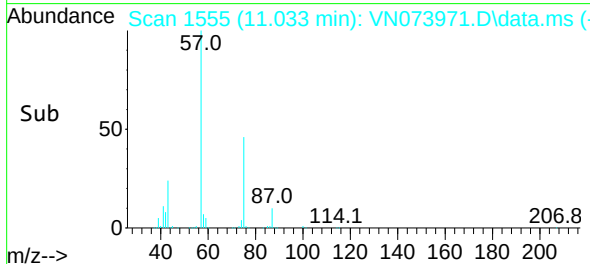
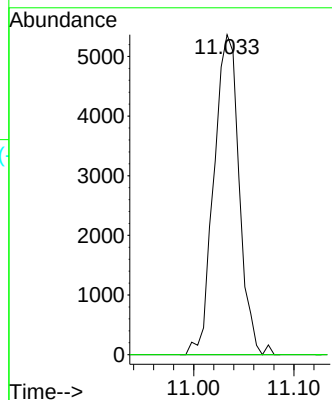
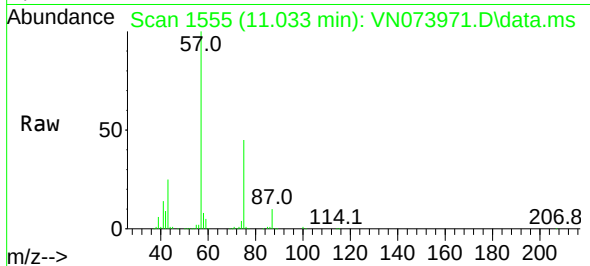




#57
1,3-Dichloropropane
Concen: 0.889 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.047 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

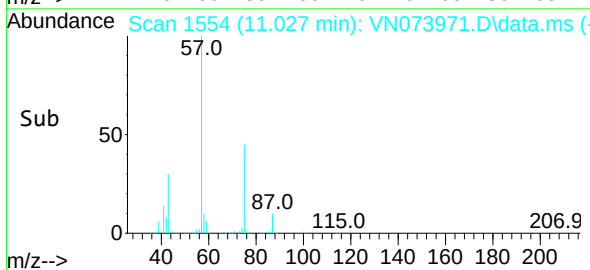
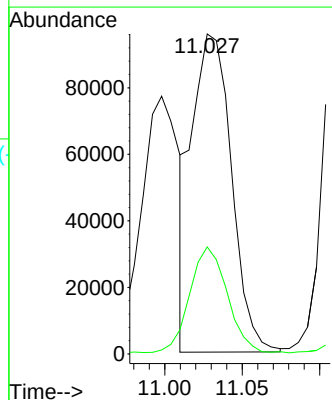
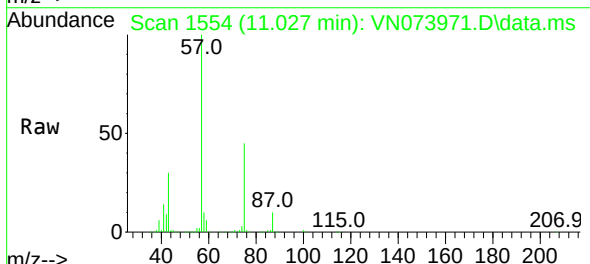
Instrument :
MSVOA_N
ClientSampleId :
33105RE

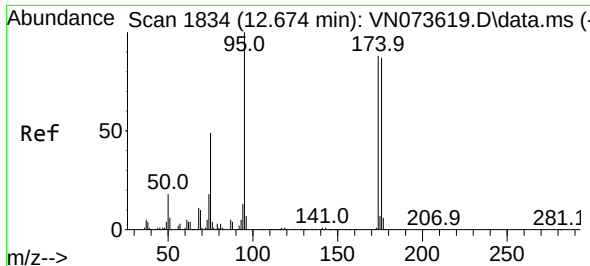
Tgt Ion: 76 Resp: 9379
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 24.517 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 43 Resp: 169610
Ion Ratio Lower Upper
43 100
58 33.1 29.7 89.1

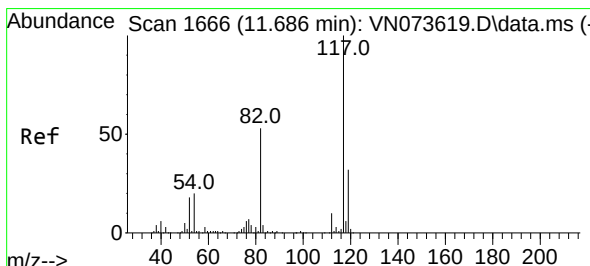
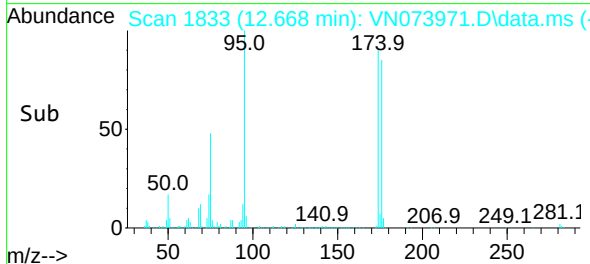
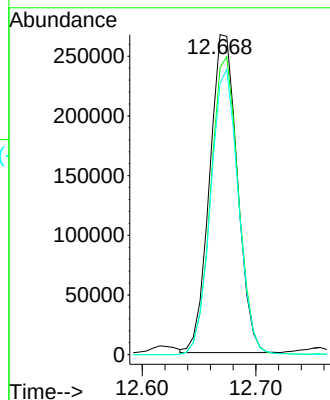
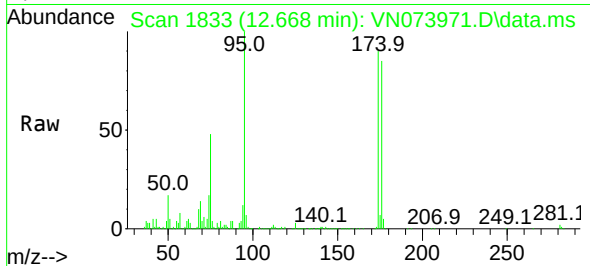




#62
4-Bromofluorobenzene
Concen: 63.321 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

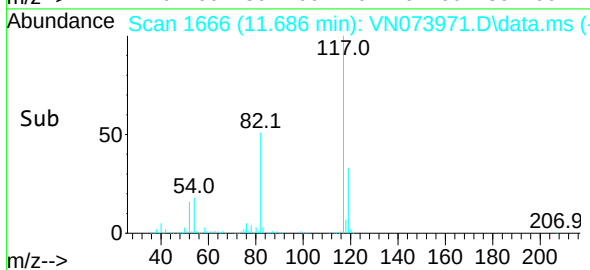
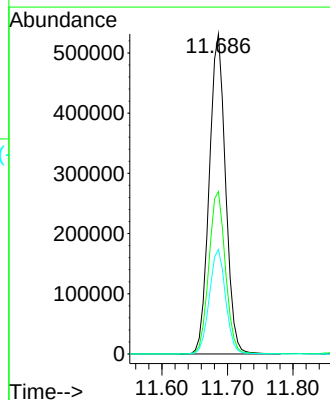
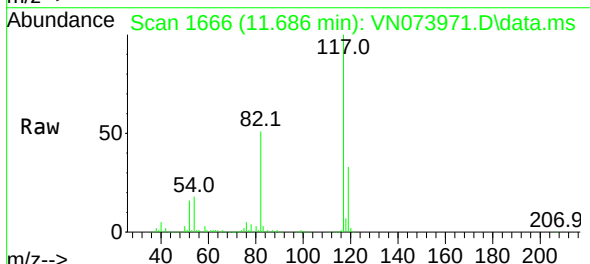
Instrument :
MSVOA_N
ClientSampleId :
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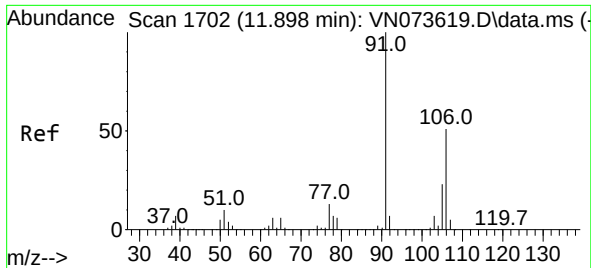
Tgt Ion: 95 Resp: 451413
Ion Ratio Lower Upper
95 100
174 93.8 0.0 167.6
176 90.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 117 Resp: 918421
Ion Ratio Lower Upper
117 100
82 50.7 44.2 66.2
119 32.7 25.4 38.0

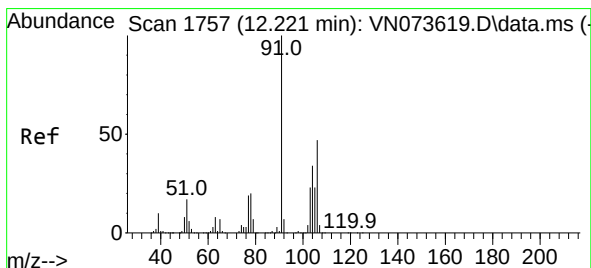
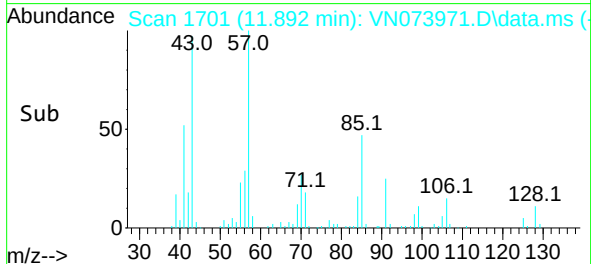
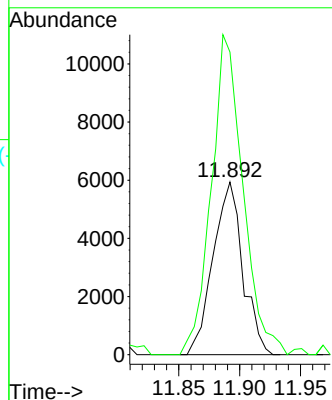
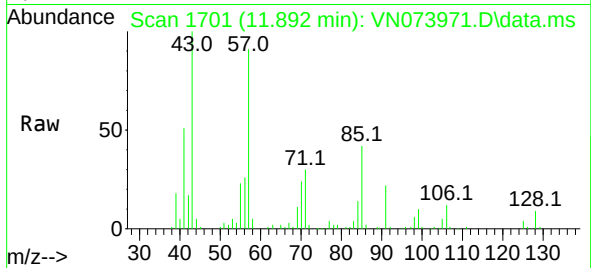




#68
m/p-Xylenes
Concen: 0.767 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

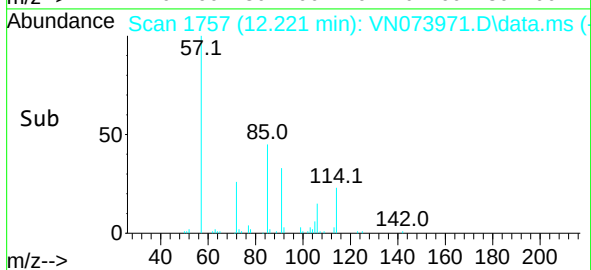
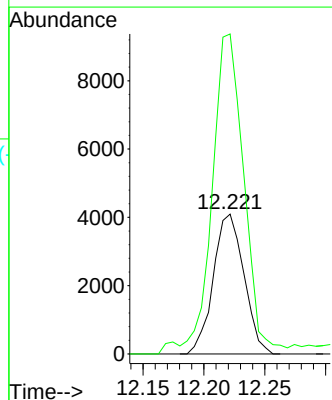
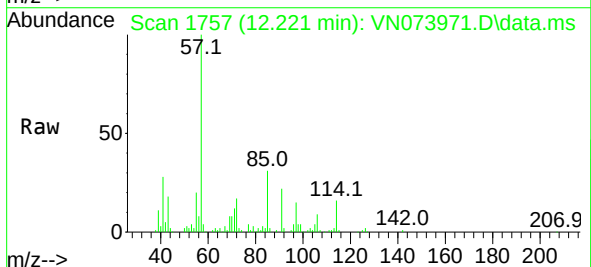
Instrument :
MSVOA_N
ClientSampleId :
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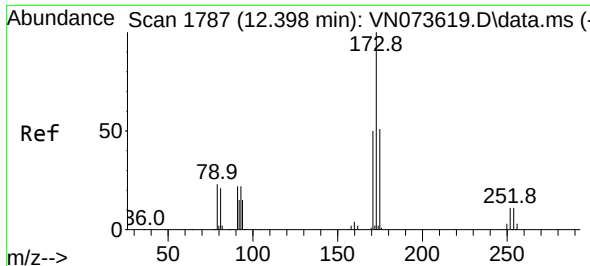
Tgt Ion:106 Resp: 10120
Ion Ratio Lower Upper
106 100
91 198.1 158.9 238.3



#69
o-Xylene
Concen: 0.542 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion:106 Resp: 7170
Ion Ratio Lower Upper
106 100
91 239.0 106.0 318.0

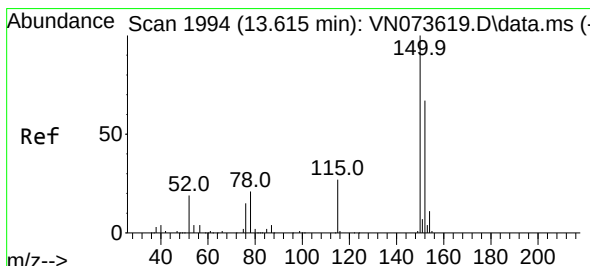
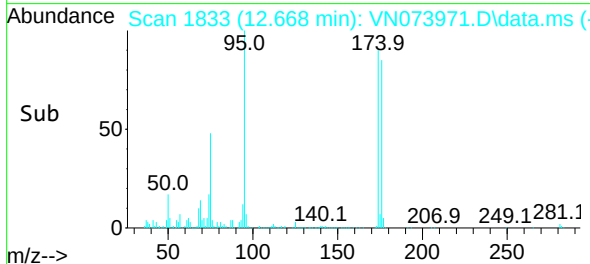
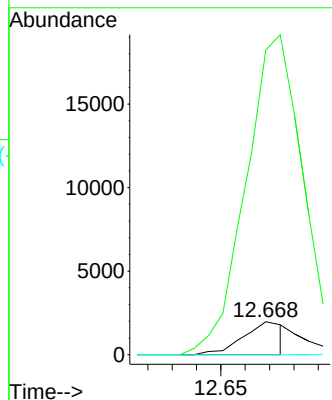
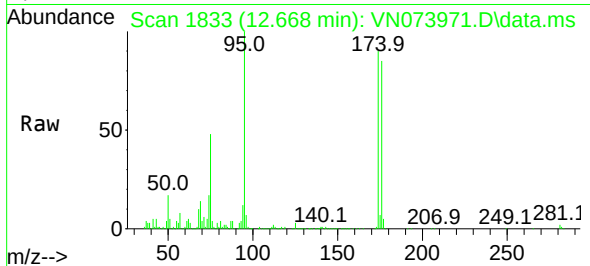




#71
Bromoform
Concen: 0.343 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

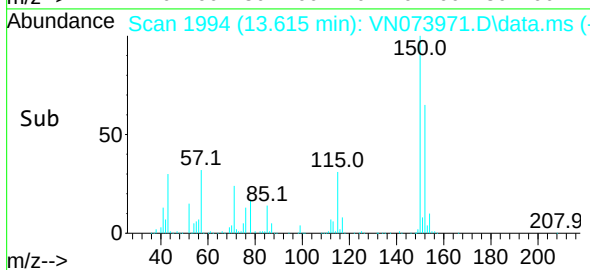
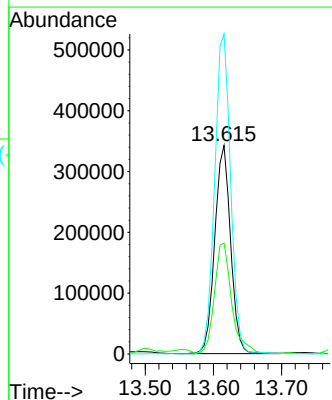
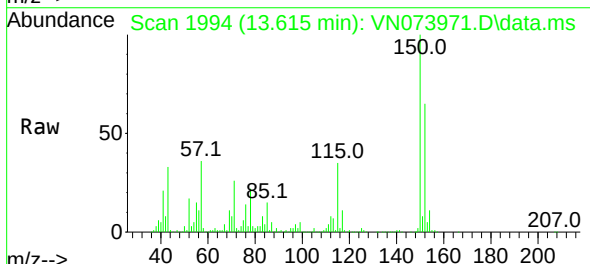
Instrument :
MSVOA_N
ClientSampleId :
33105RE

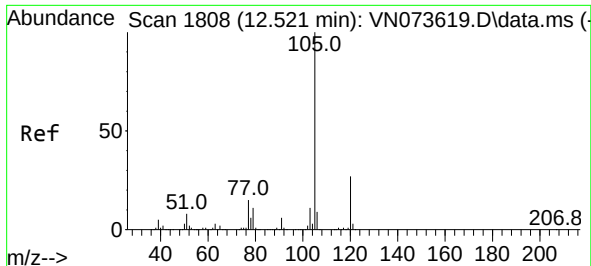
Tgt Ion:173 Resp: 2263
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion:152 Resp: 555661
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 154.6 0.0 356.2

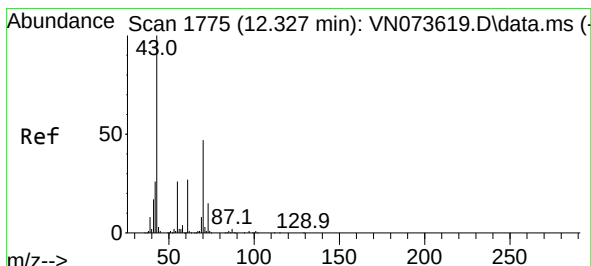
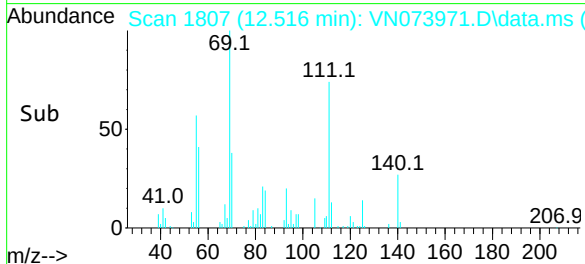
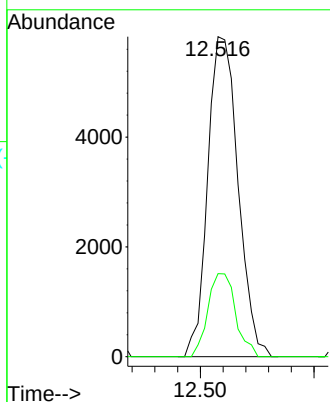
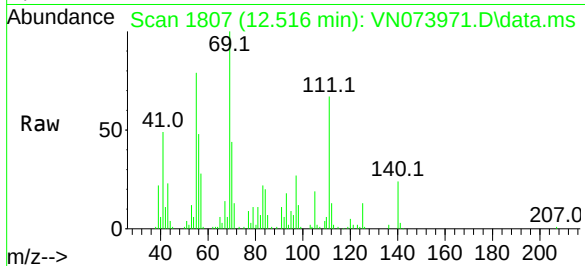




#73
Isopropylbenzene
Concen: 0.267 ug/l
RT: 12.516 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

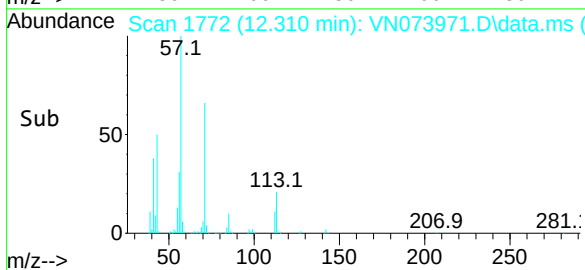
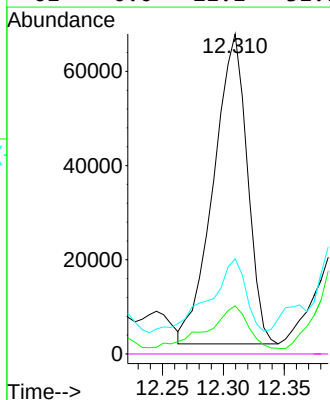
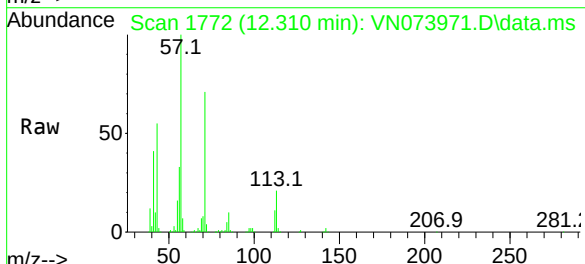
Instrument :
MSVOA_N
ClientSampleId :
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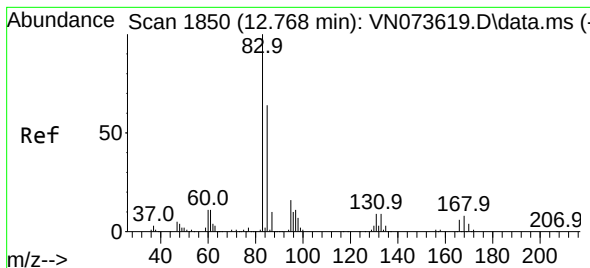
Tgt Ion:105 Resp: 10806
Ion Ratio Lower Upper
105 100
120 23.7 13.5 40.4



#74
N-ethyl acetate
Concen: 8.293 ug/l
RT: 12.310 min Scan# 1772
Delta R.T. -0.017 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 43 Resp: 126852
Ion Ratio Lower Upper
43 100
70 16.4 39.0 58.4#
55 26.0 21.1 31.7
61 0.0 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.550 ug/l

RT: 12.745 min Scan# 1834

Delta R.T. -0.023 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

33105RE

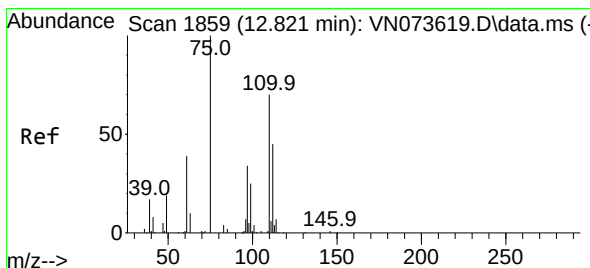
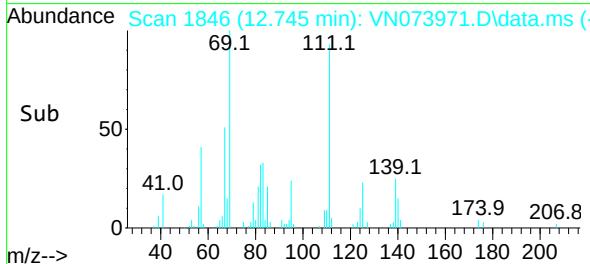
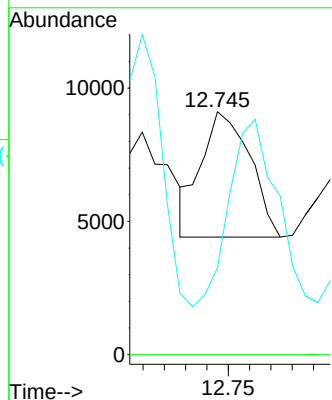
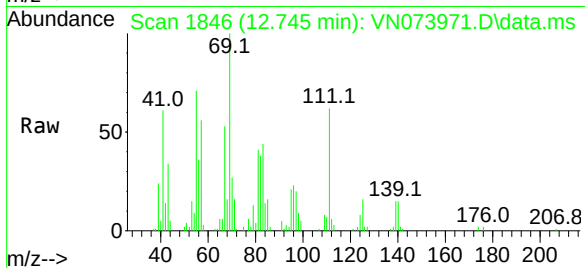
Tgt Ion: 83 Resp: 7469

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 19.222 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.147 min

Lab File: VN073971.D

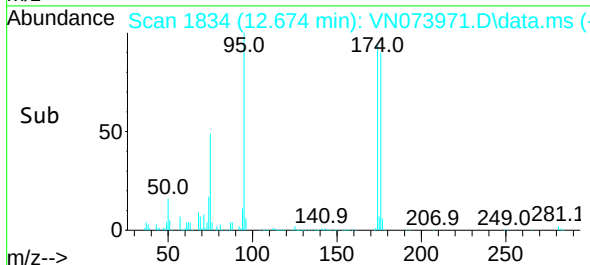
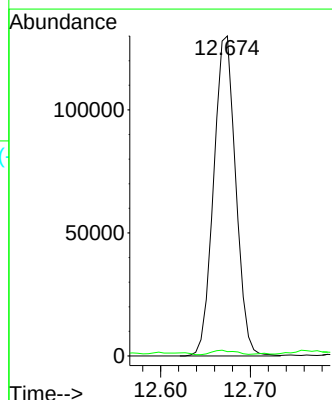
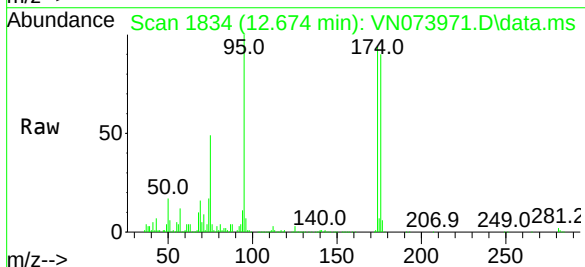
Acq: 17 Aug 2022 13:06

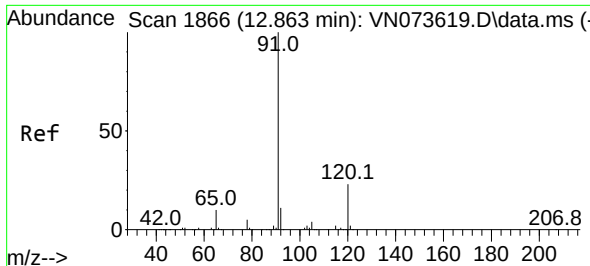
Tgt Ion: 75 Resp: 222004

Ion Ratio Lower Upper

75 100

77 1.5 98.5 295.5#

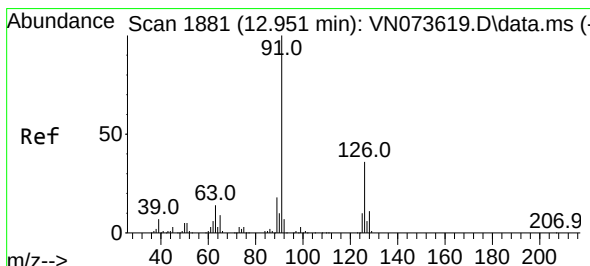
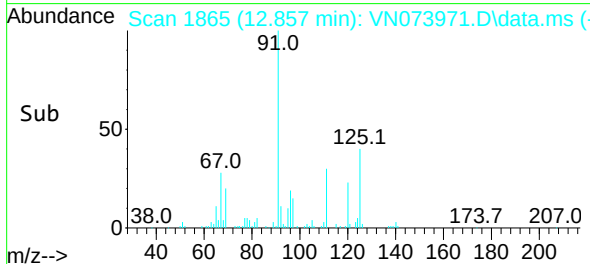
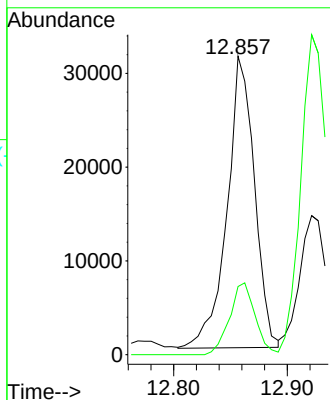
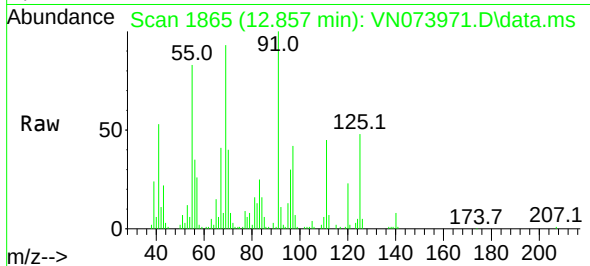




#78
n-propylbenzene
Concen: 1.207 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

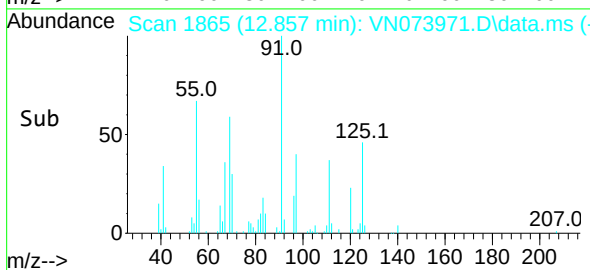
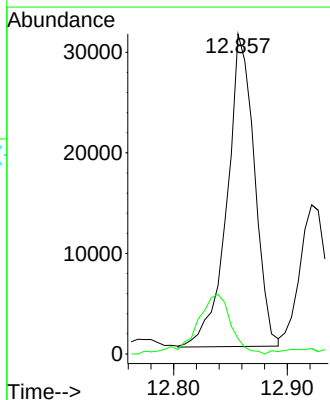
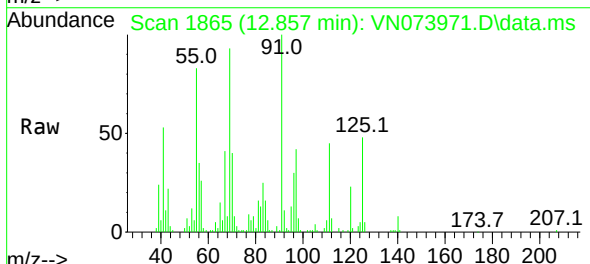
Instrument :
MSVOA_N
ClientSampleId :
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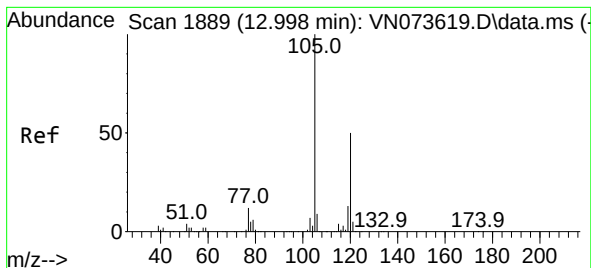
Tgt Ion: 91 Resp: 52054
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5



#79
2-Chlorotoluene
Concen: 1.936 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.094 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 91 Resp: 52033
Ion Ratio Lower Upper
91 100
126 23.8 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 5.726 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

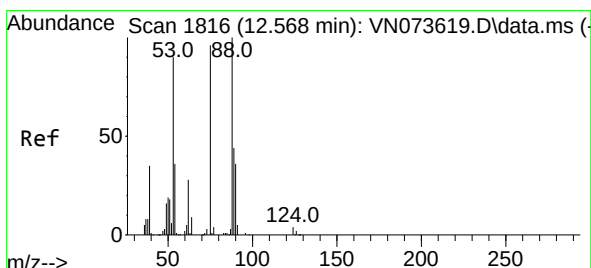
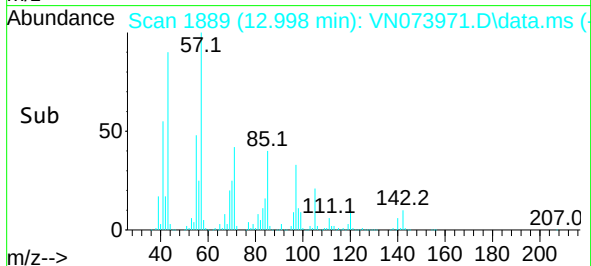
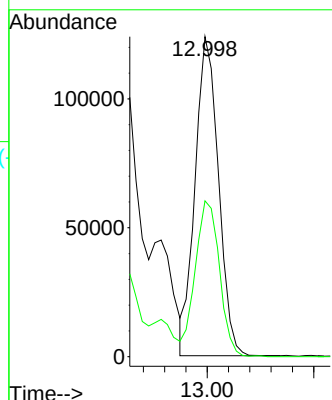
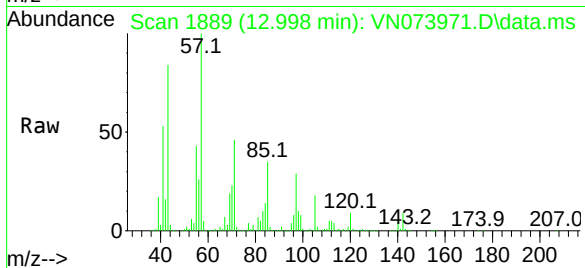
33105RE

Tgt Ion:105 Resp: 188442

Ion Ratio Lower Upper

105 100

120 50.8 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 54.671 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.106 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

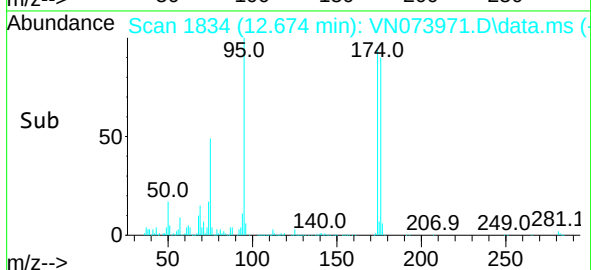
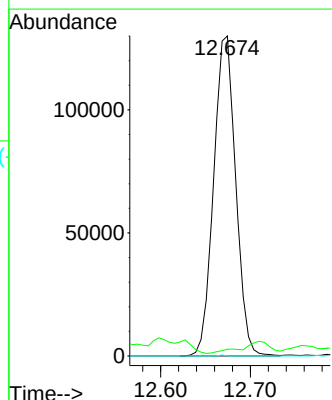
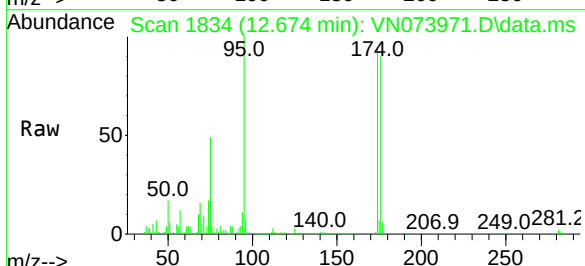
Tgt Ion: 75 Resp: 222004

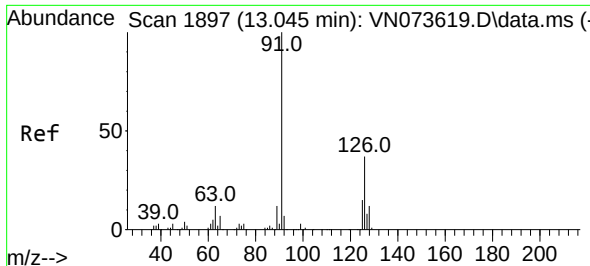
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.1 37.2 55.8#

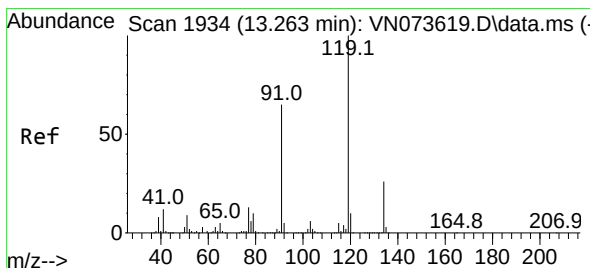
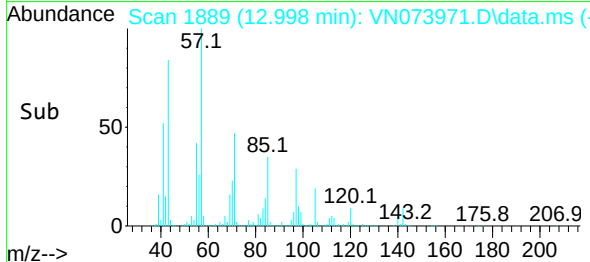
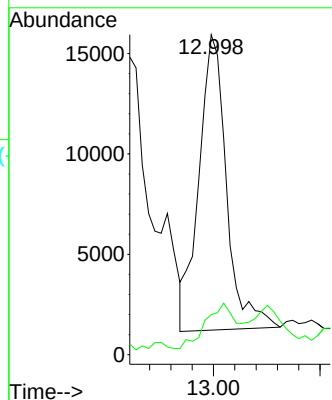
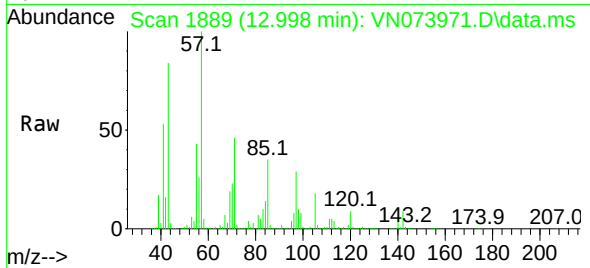




#82
4-Chlorotoluene
Concen: 1.036 ug/l
RT: 12.998 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

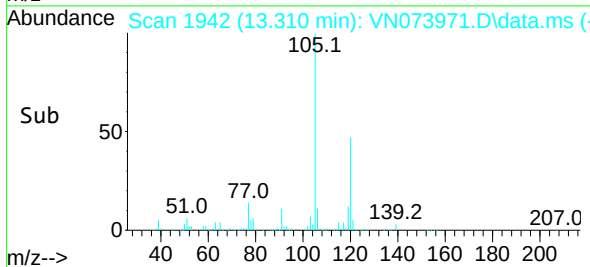
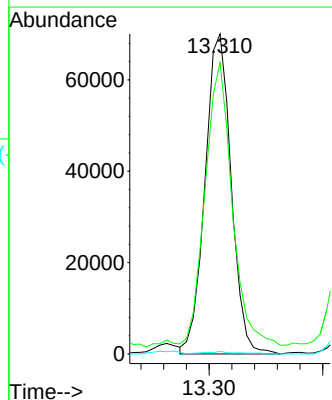
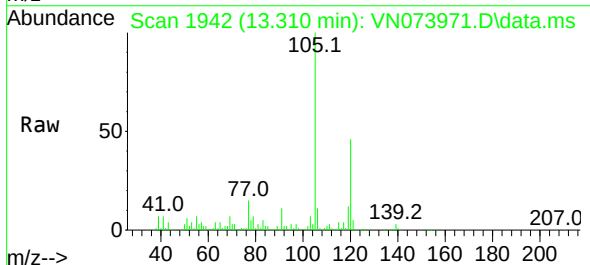
Instrument :
MSVOA_N
ClientSampleId :
33105RE

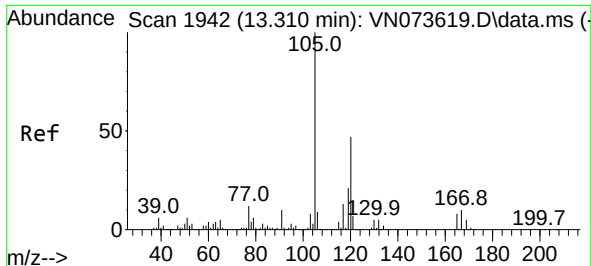
Tgt Ion: 91 Resp: 26439
Ion Ratio Lower Upper
91 100
126 18.5 17.2 51.6



#83
tert-Butylbenzene
Concen: 3.693 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.047 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 119 Resp: 111832
Ion Ratio Lower Upper
119 100
91 90.3 31.6 94.8
134 0.0 13.7 41.1#

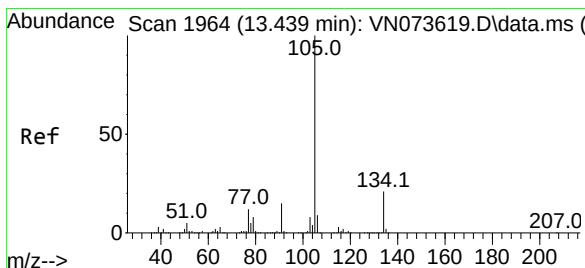
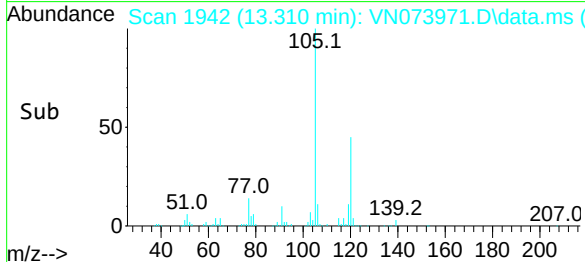
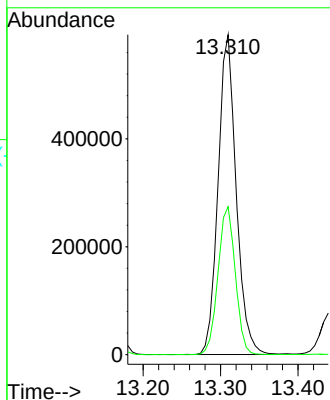
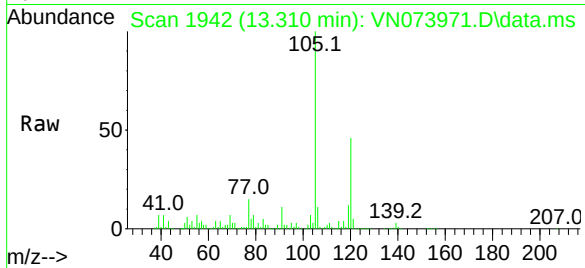




#84
1,2,4-Trimethylbenzene
Concen: 29.392 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

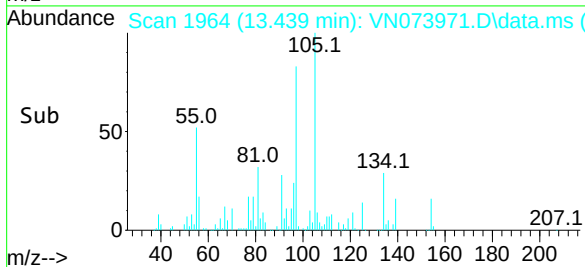
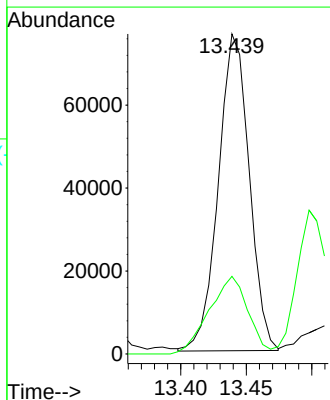
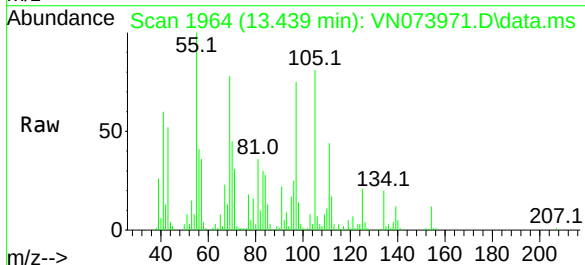
Instrument :
MSVOA_N
ClientSampleId :
33105RE

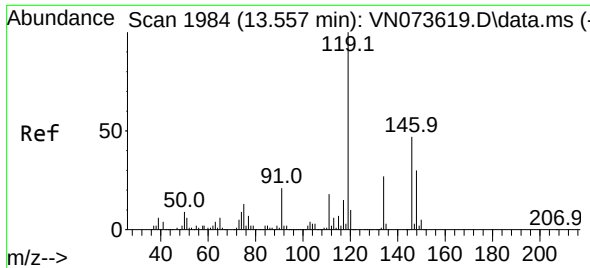
Tgt Ion:105 Resp: 965976
Ion Ratio Lower Upper
105 100
120 44.2 23.3 69.8



#85
sec-Butylbenzene
Concen: 3.189 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion:105 Resp: 125195
Ion Ratio Lower Upper
105 100
134 30.7 10.4 31.1

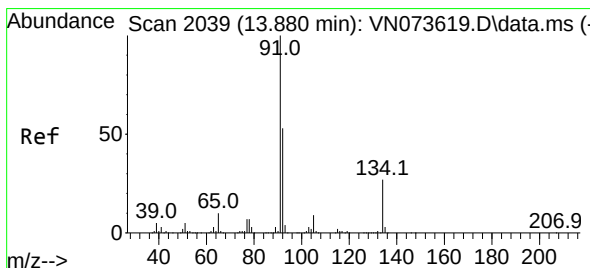
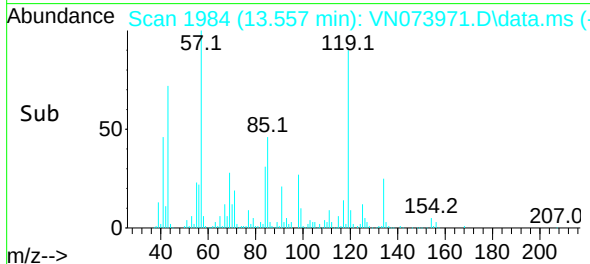
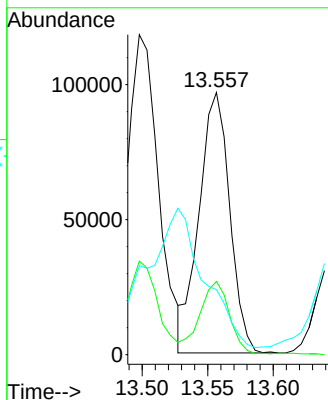
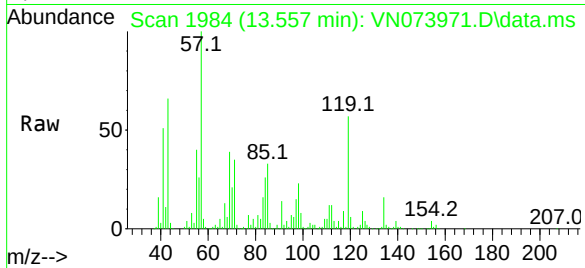




#86
p-Isopropyltoluene
Concen: 4.696 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

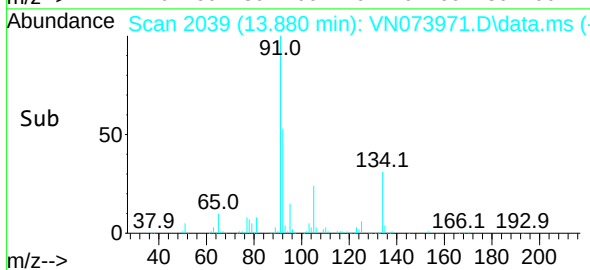
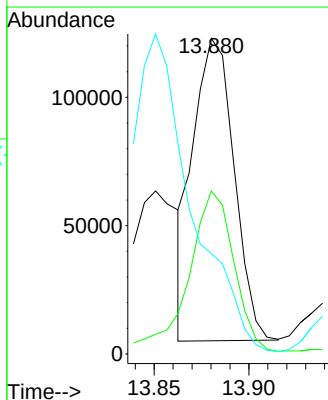
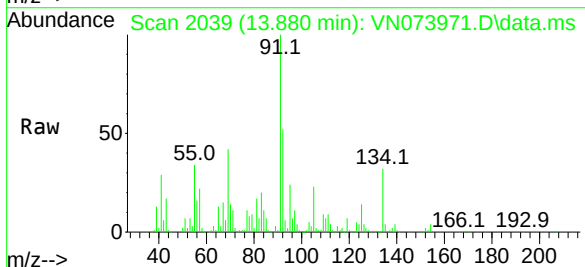
Instrument :
MSVOA_N
ClientSampleId :
33105RE

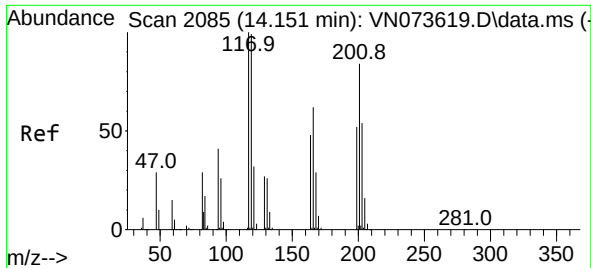
Tgt Ion:119 Resp: 157041
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.8
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 6.673 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 91 Resp: 176757
Ion Ratio Lower Upper
91 100
92 58.6 26.9 80.7
134 0.0 13.6 40.8#

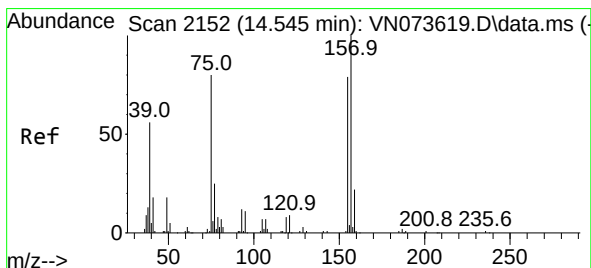
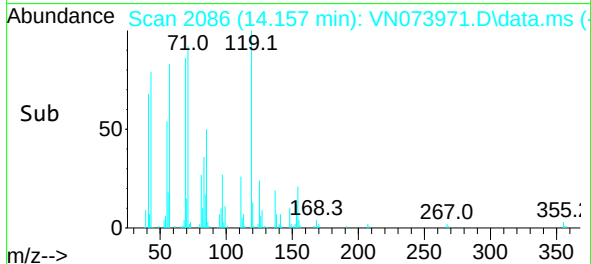
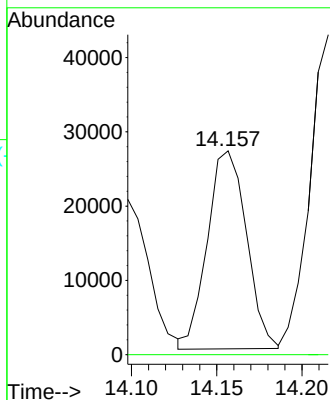
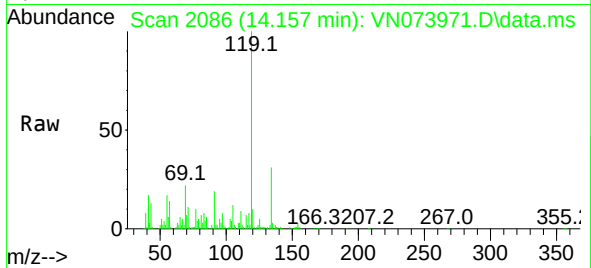




#90
Hexachloroethane
Concen: 6.946 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

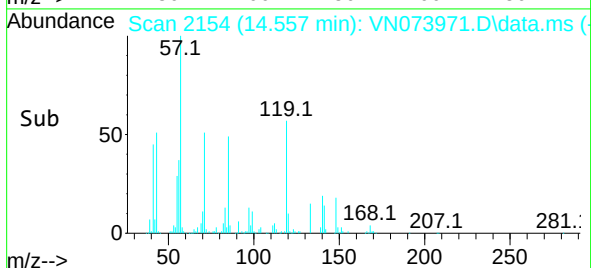
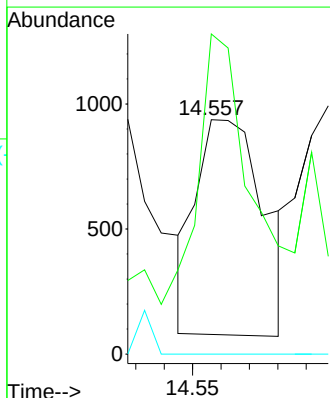
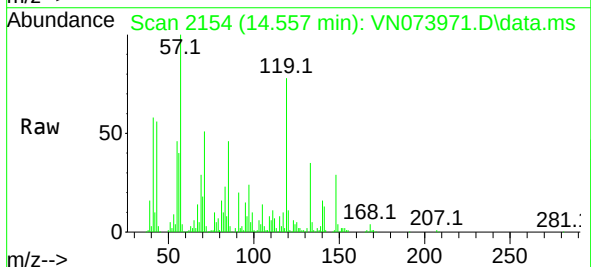
Instrument :
MSVOA_N
ClientSampleId :
33105RE

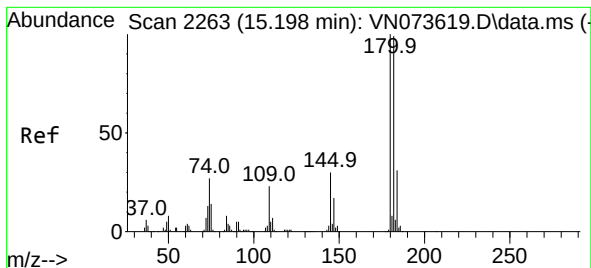
Tgt Ion:117 Resp: 42464
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.443 ug/l
RT: 14.557 min Scan# 2154
Delta R.T. 0.012 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 75 Resp: 1420
Ion Ratio Lower Upper
75 100
155 95.4 44.9 134.5
157 0.0 59.0 176.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.374 ug/l

RT: 15.204 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

33105RE

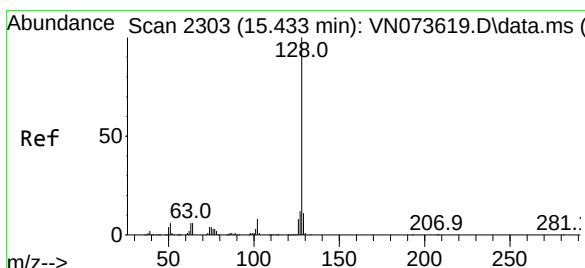
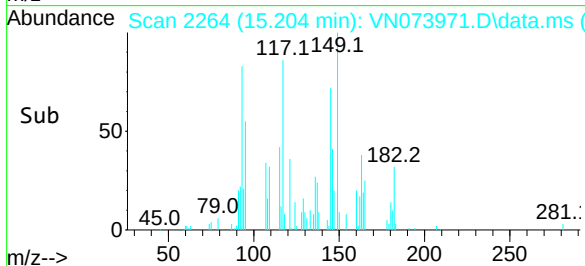
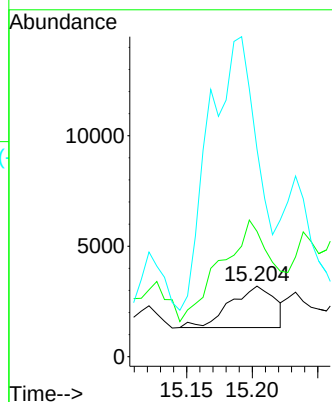
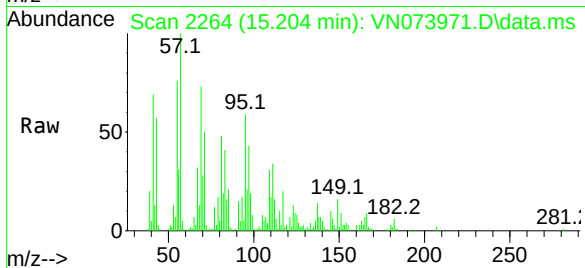
Tgt Ion:180 Resp: 4465

Ion Ratio Lower Upper

180 100

182 284.9 47.5 142.5#

145 896.3 14.5 43.5#



#95

Naphthalene

Concen: 3.219 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

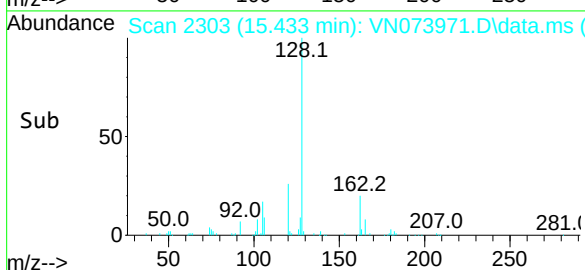
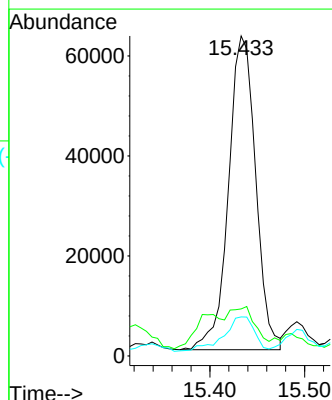
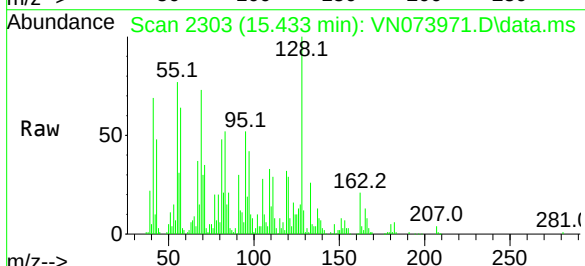
Tgt Ion:128 Resp: 125266

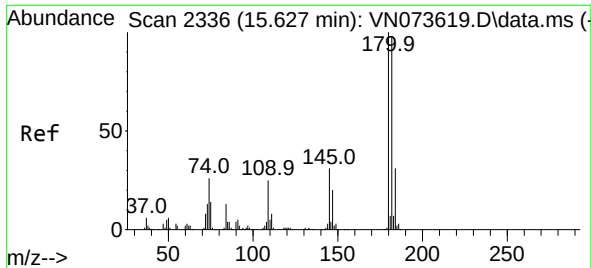
Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

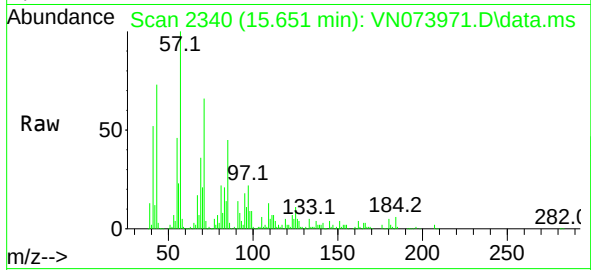
129 12.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.735 ug/l
 RT: 15.651 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VN073971.D
 Acq: 17 Aug 2022 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 33105RE



Tgt Ion:180 Resp: 9068
 Ion Ratio Lower Upper
 180 100
 182 16.5 47.8 143.3#
 145 0.0 15.5 46.5#

