

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075649.D
 Acq On : 08 Dec 2022 15:44
 Operator : JC\MD
 Sample : N5924-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF1222

Quant Time: Dec 09 02:08:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	46314	48.405	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	8.177	113	61120	53.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.600%
50) Toluene-d8	10.571	98	130428	50.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.853	95	107911	57.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	5440	13.544	ug/l #	72
13) Acrolein	4.154	56	16700	47.727	ug/l #	1
14) Allyl chloride	5.171	41	24594	11.519	ug/l #	33
15) Acrylonitrile	5.812	53	11645	12.637	ug/l #	41
16) Acetone	4.436	43	40302	45.158	ug/l #	72
18) Methyl Acetate	5.142	43	6773	1.761	ug/l #	47
19) Methyl tert-butyl Ether	5.812	73	2485	0.425	ug/l #	1
20) Methylene Chloride	5.289	84	1955	Below Cal	#	1
22) Diisopropyl ether	6.671	45	1818	0.373	ug/l #	1
23) Vinyl Acetate	6.583	43	1351	0.349	ug/l #	67
25) 2-Butanone	7.500	43	8555	6.866	ug/l #	79
28) Bromochloromethane	8.012	49	2321	1.828	ug/l #	10
29) Tetrahydrofuran	7.853	42	210	0.277	ug/l #	26
30) Chloroform	7.947	83	16343	4.550	ug/l #	18
31) Cyclohexane	8.265	56	230423	75.799	ug/l #	93
36) 1,1-Dichloropropene	8.230	75	12475	5.036	ug/l #	50
37) Ethyl Acetate	7.500	43	8555	3.835	ug/l #	66
38) Carbon Tetrachloride	8.230	117	17120	6.291	ug/l #	17
39) Methylcyclohexane	9.606	83	148017	47.739	ug/l	97
40) Benzene	8.612	78	3969958	523.397	ug/l	100
41) Methacrylonitrile	7.836	41	4518	3.962	ug/l #	18
42) 1,2-Dichloroethane	8.612	62	32422	12.763	ug/l	89
43) Isopropyl Acetate	8.659	43	5891	1.645	ug/l #	53
45) 1,2-Dichloropropane	9.606	63	1648	0.912	ug/l #	1
46) Dibromomethane	9.671	93	298	0.218	ug/l #	1
47) Bromodichloromethane	9.877	83	5404	2.041	ug/l #	24
48) Methyl methacrylate	9.736	41	2629	1.588	ug/l #	6
51) 4-Methyl-2-Pentanone	10.453	43	1704	0.747	ug/l	95
52) Toluene	10.635	92	967096	197.858	ug/l	99
53) t-1,3-Dichloropropene	10.635	75	10672	4.015	ug/l #	1
55) 1,1,2-Trichloroethane	11.012	97	15327	7.699	ug/l #	26
56) Ethyl methacrylate	10.924	69	3144	1.169	ug/l #	20
58) 2-Chloroethyl Vinyl ether	10.159	63	1143	1.179	ug/l #	44
59) 2-Hexanone	11.324	43	1667	0.973	ug/l	76
65) Chlorobenzene	12.041	112	1359	0.250	ug/l #	43
67) Ethyl Benzene	11.971	91	4858521	523.460	ug/l	98

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

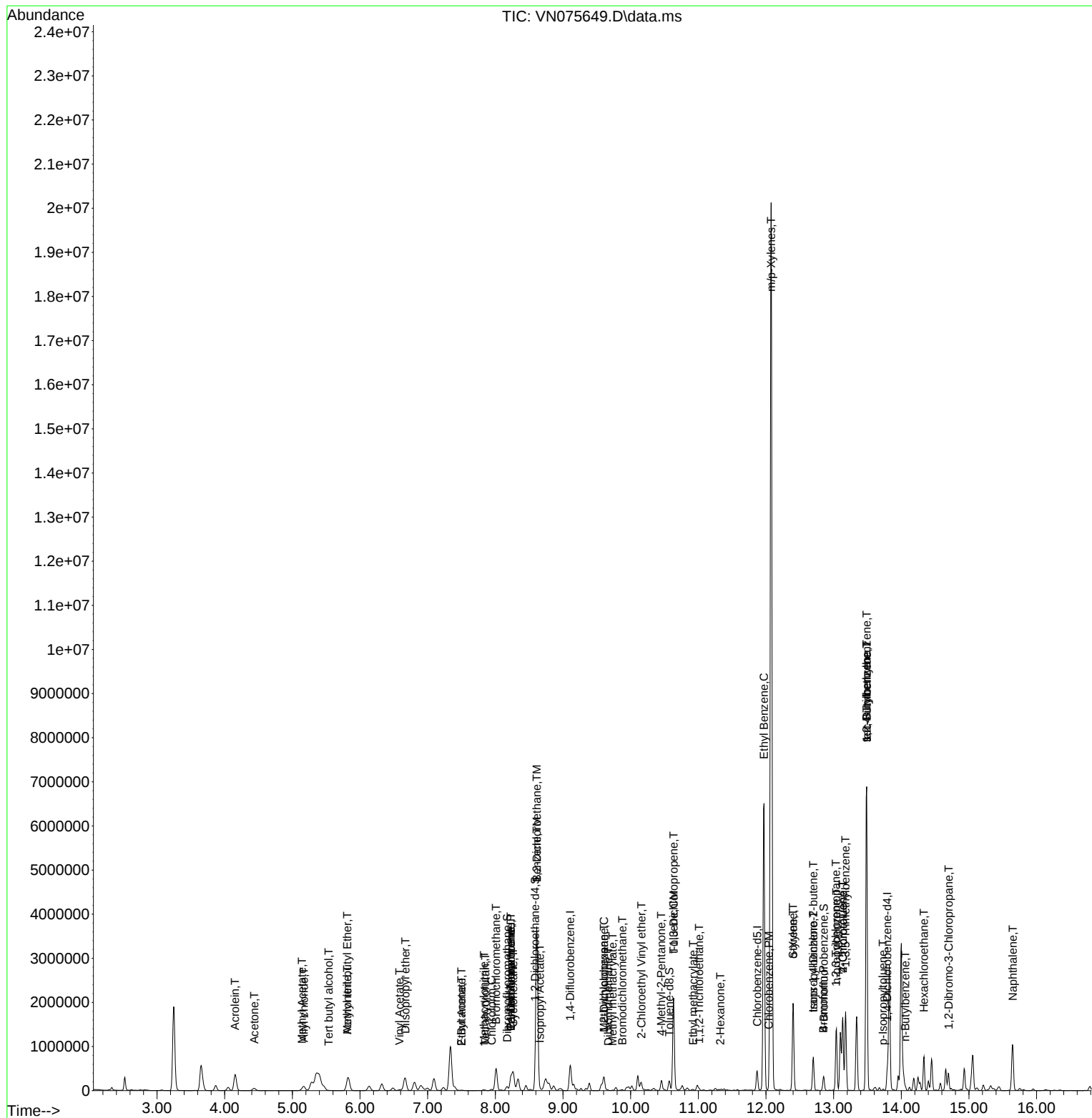
68) m/p-Xylenes	12.077	106	6437677	1707.999	ug/l	100
69) o-Xylene	12.400	106	585035	156.222	ug/l	98
70) Styrene	12.400	104	29263	4.953	ug/l #	1
71) Bromoform	12.847	173	566	0.366	ug/l #	28
73) Isopropylbenzene	12.700	105	522365	50.384	ug/l	98
76) 1,2,3-Trichloropropane	13.035	75	6910	2.575	ug/l #	1
78) n-propylbenzene	13.041	91	1142905	98.779	ug/l	99
79) 2-Chlorotoluene	13.135	91	120832	17.333	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.176	105	1000097	116.108	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.700	75	5822	6.420	ug/l #	62
82) 4-Chlorotoluene	13.135	91	120832	17.333	ug/l #	41
83) tert-Butylbenzene	13.488	119	486944	62.004	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.488	105	3984385	461.160	ug/l	99
85) sec-Butylbenzene	13.488	105	3984385	373.908	ug/l #	56
86) p-Isopropyltoluene	13.729	119	15010	1.674	ug/l #	75
89) n-Butylbenzene	14.059	91	47883	6.324	ug/l #	83
90) Hexachloroethane	14.335	117	38521	24.906	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1497	2.500	ug/l #	2
95) Naphthalene	15.647	128	1032486	135.478	ug/l	100

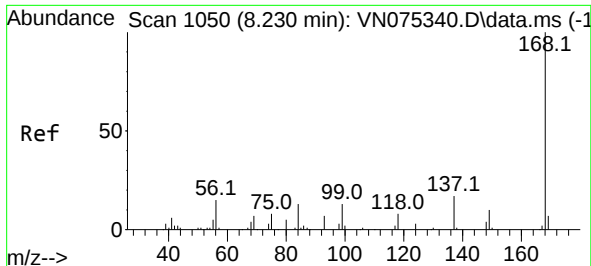
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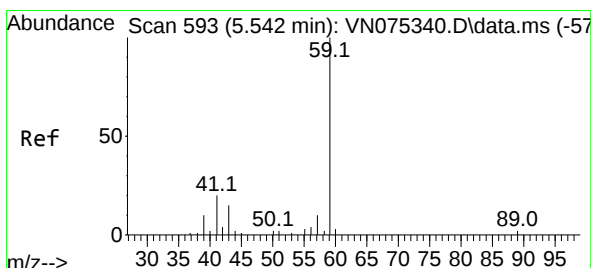
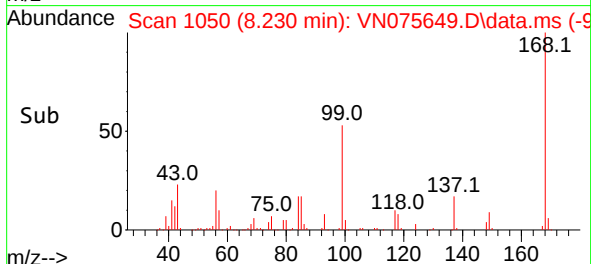
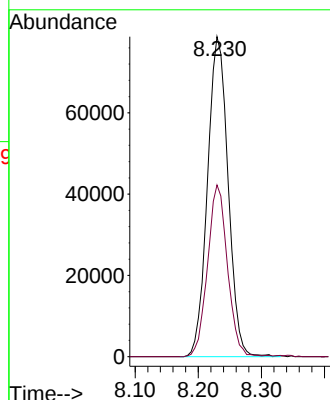
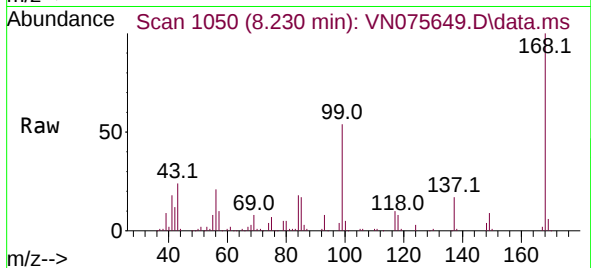




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075649.D
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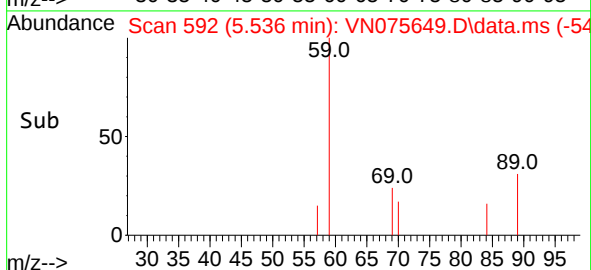
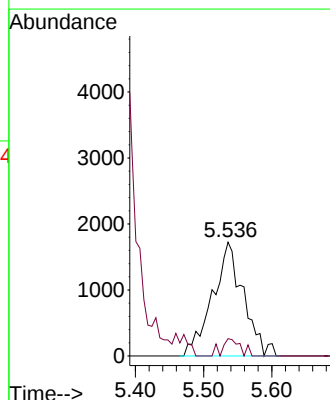
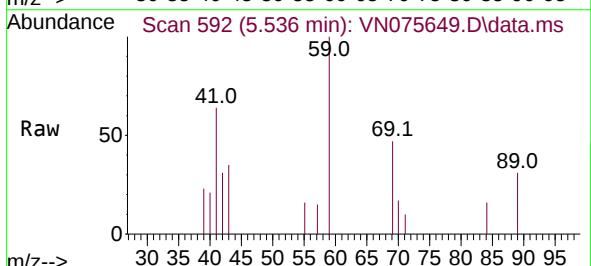
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ClientSampleId :
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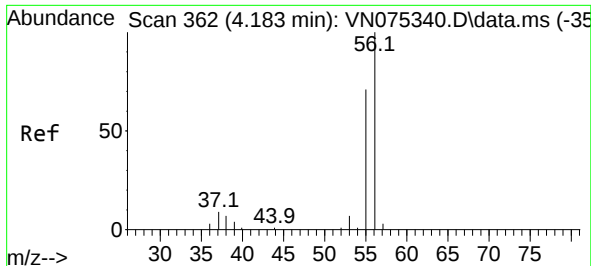
Tgt Ion:168 Resp: 178248
Ion Ratio Lower Upper
168 100
99 53.7 51.6 77.4



#11
Tert butyl alcohol
Concen: 13.544 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 59 Resp: 5440
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

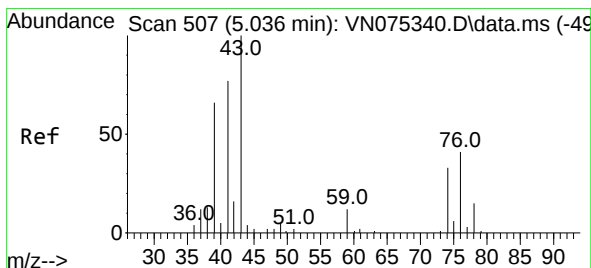
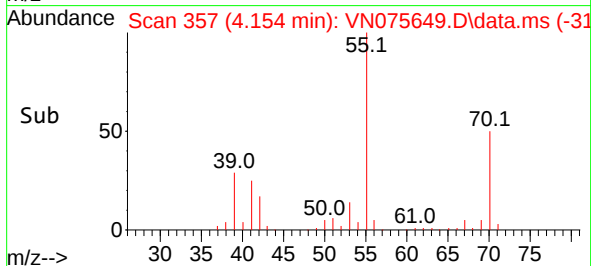
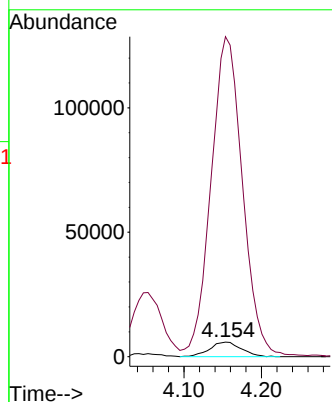
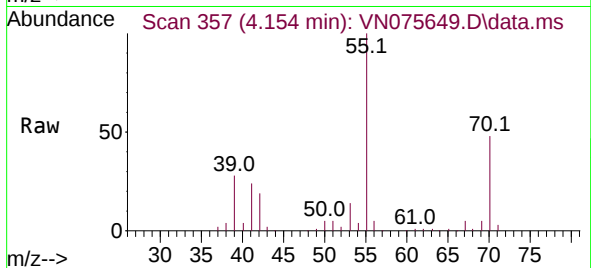




#13
Acrolein
Concen: 47.727 ug/l
RT: 4.154 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

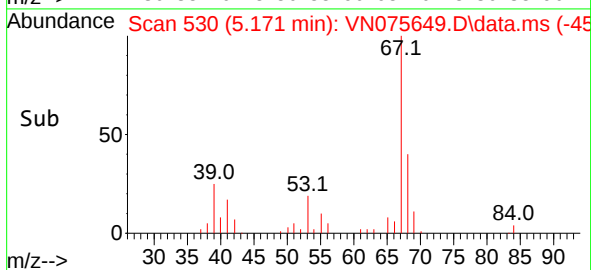
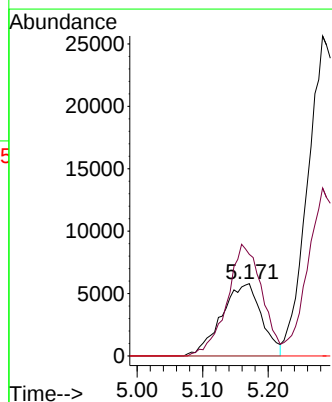
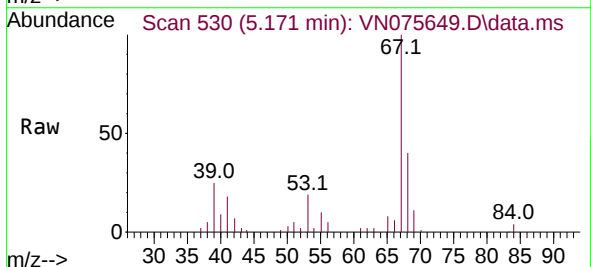
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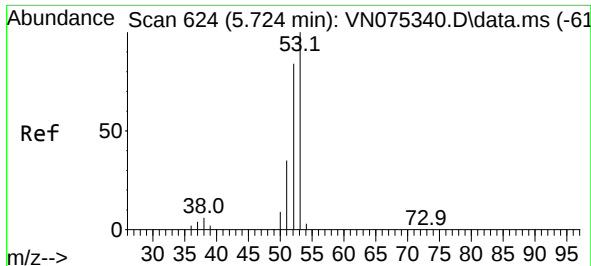
Tgt Ion: 56 Resp: 16700
Ion Ratio Lower Upper
56 100
55 2159.4 55.2 82.8#



#14
Allyl chloride
Concen: 11.519 ug/l
RT: 5.171 min Scan# 530
Delta R.T. 0.135 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 41 Resp: 24594
Ion Ratio Lower Upper
41 100
39 133.9 61.0 91.4#
76 0.0 33.4 50.0#

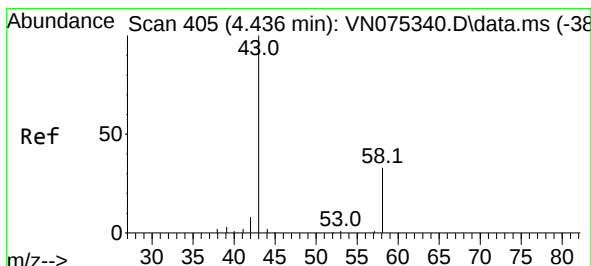
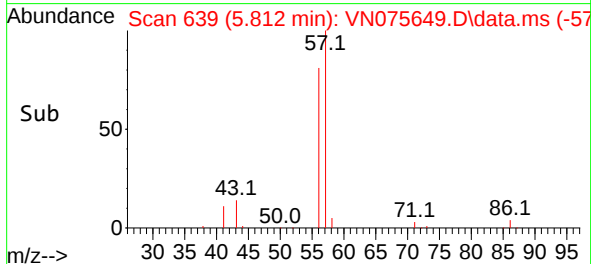
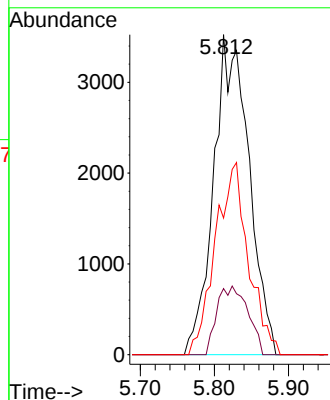
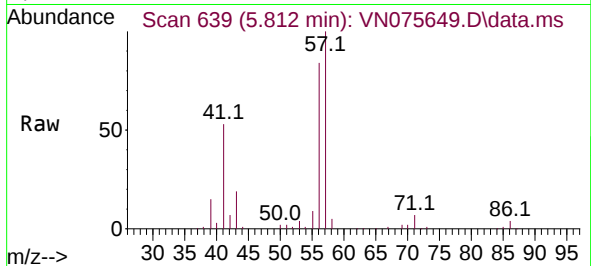




#15
Acrylonitrile
Concen: 12.637 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.088 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

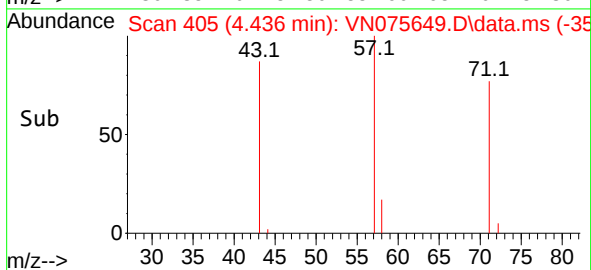
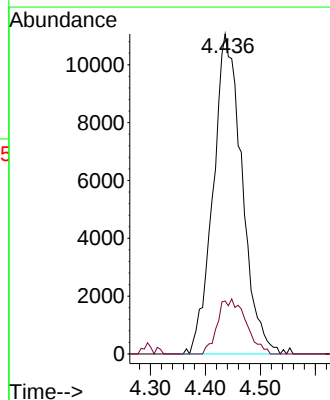
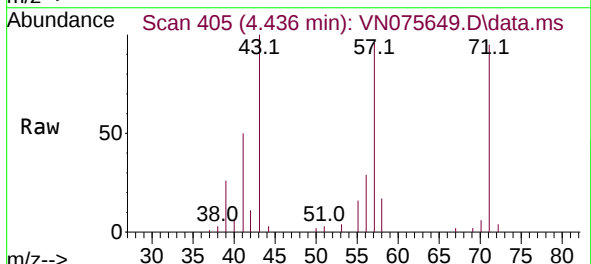
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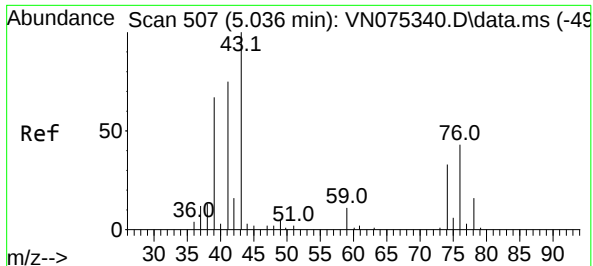
Tgt Ion: 53 Resp: 11645
Ion Ratio Lower Upper
53 100
52 18.7 66.4 99.6#
51 56.3 29.6 44.4#



#16
Acetone
Concen: 45.158 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 43 Resp: 40302
Ion Ratio Lower Upper
43 100
58 16.5 25.5 38.3#

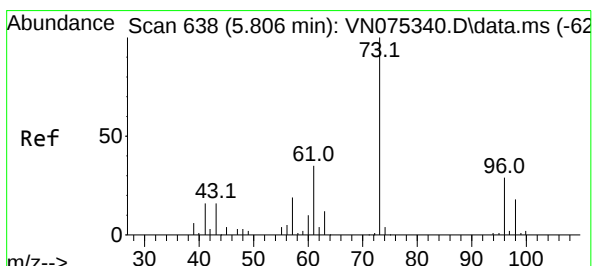
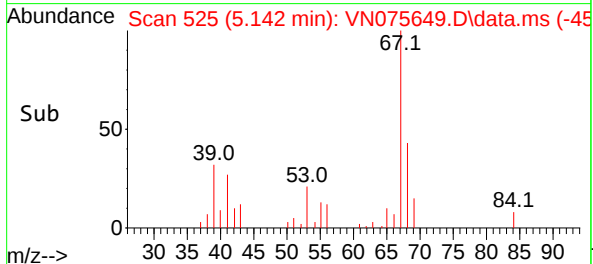
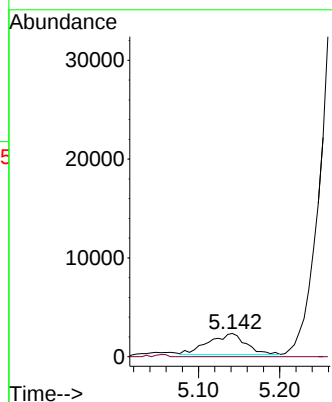
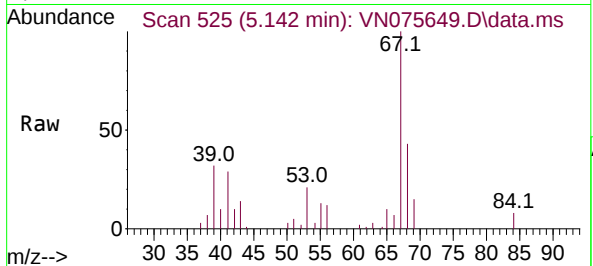




#18
Methyl Acetate
Concen: 1.761 ug/l
RT: 5.142 min Scan# 51
Delta R.T. 0.106 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

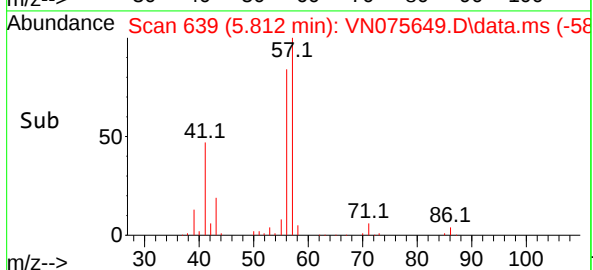
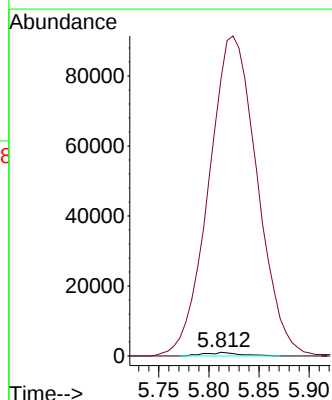
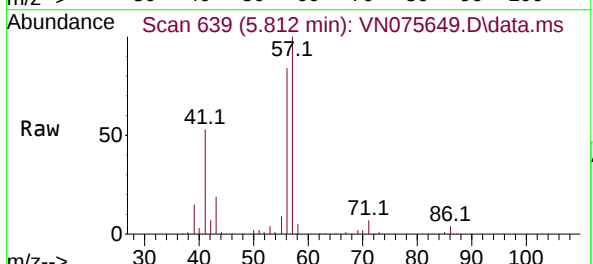
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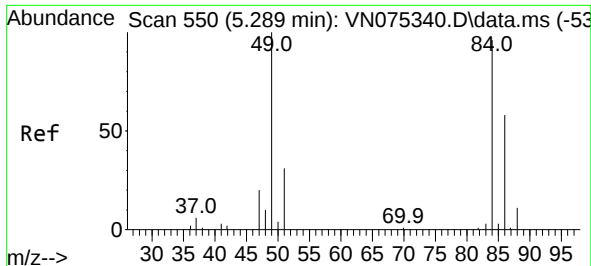
Tgt Ion: 43 Resp: 6773
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#19
Methyl tert-butyl Ether
Concen: 0.425 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 73 Resp: 2485
Ion Ratio Lower Upper
73 100
57 7037.5 16.3 24.5#

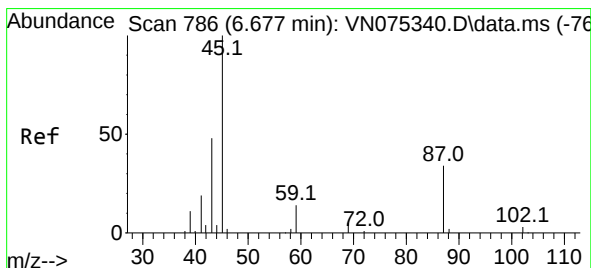
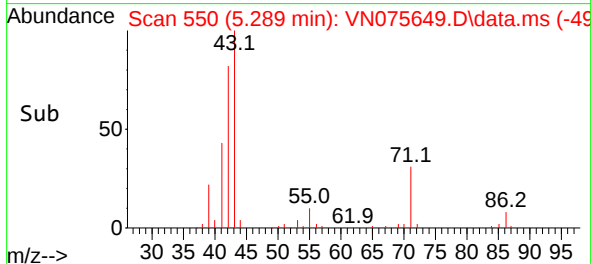
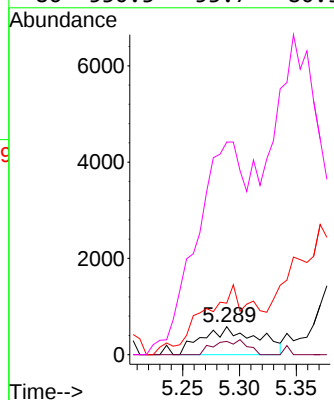
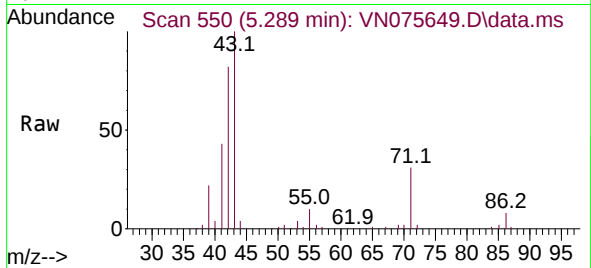




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075649.D
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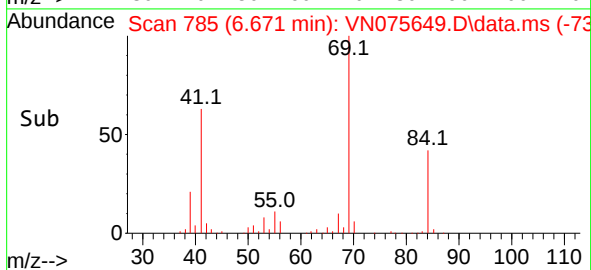
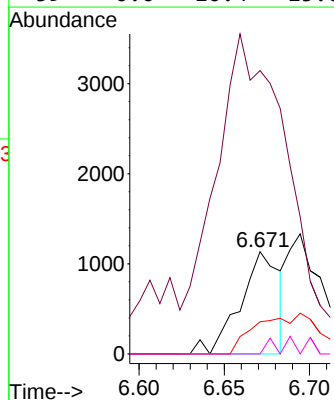
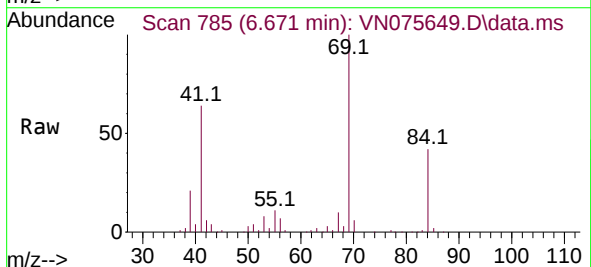
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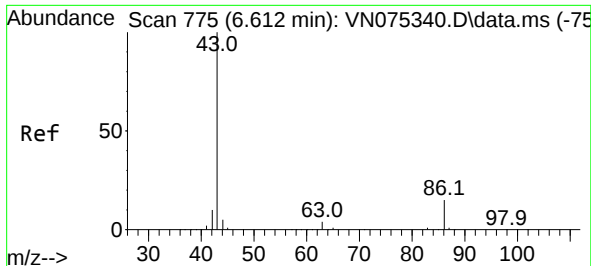
Tgt Ion: 84 Resp: 1955
Ion Ratio Lower Upper
84 100
49 47.3 94.9 142.3#
51 148.9 26.8 40.2#
86 530.3 53.7 80.5#



#22
Diisopropyl ether
Concen: 0.373 ug/l
RT: 6.671 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 45 Resp: 1818
Ion Ratio Lower Upper
45 100
43 234.4 42.8 64.2#
87 31.5 28.4 42.6
59 0.0 10.4 15.6#

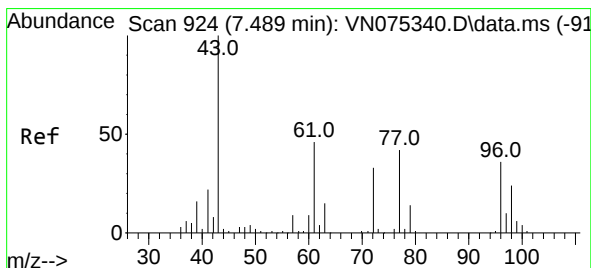
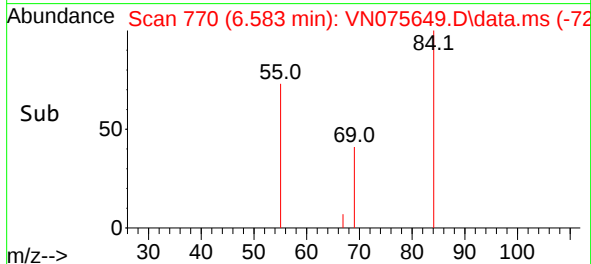
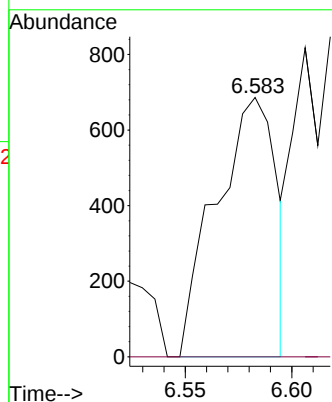
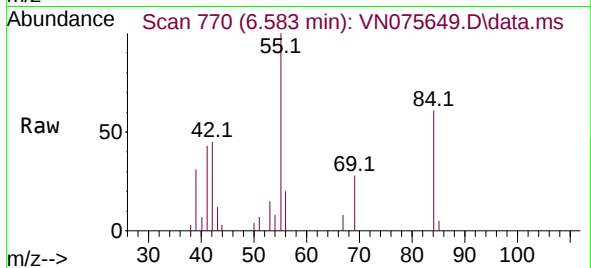




#23
 Vinyl Acetate
 Concen: 0.349 ug/l
 RT: 6.583 min Scan# 71
 Delta R.T. -0.029 min
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 Acq: 08 Dec 2022 15:44

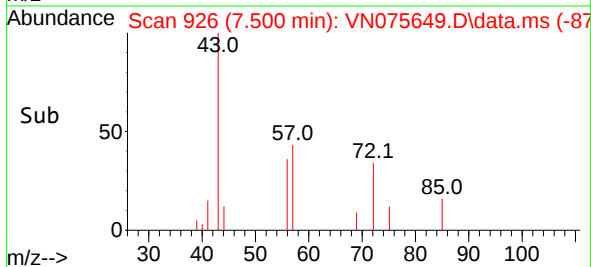
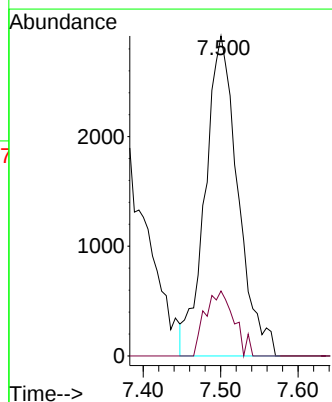
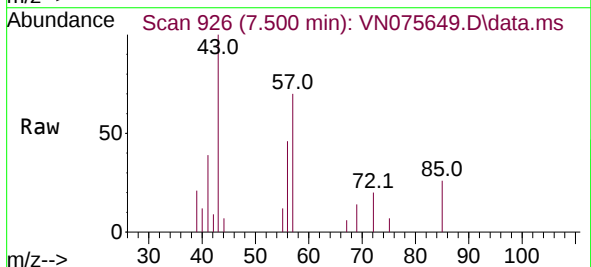
Instrument :
 MSVOA_N
 ClientSampleId :
 INF1222

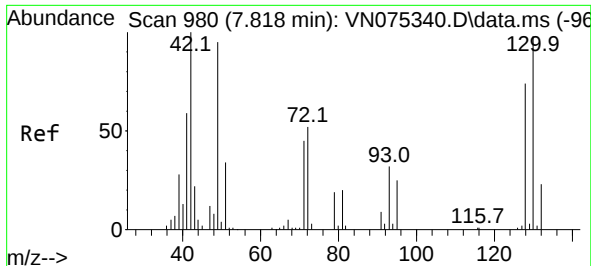
Tgt Ion: 43 Resp: 1351
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.7 16.1#



#25
 2-Butanone
 Concen: 6.866 ug/l
 RT: 7.500 min Scan# 926
 Delta R.T. 0.011 min
 Lab File: VN075649.D
 Acq: 08 Dec 2022 15:44

Tgt Ion: 43 Resp: 8555
 Ion Ratio Lower Upper
 43 100
 72 20.3 25.5 38.3#





#28

Bromochloromethane

Concen: 1.828 ug/l

RT: 8.012 min Scan# 1013

Delta R.T. 0.194 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

INF1222

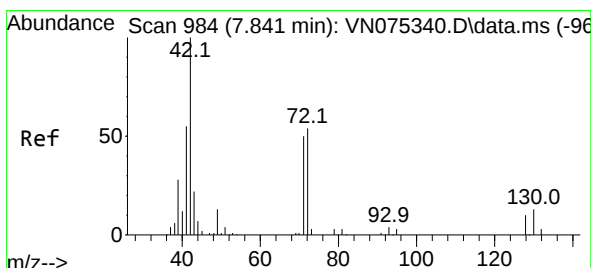
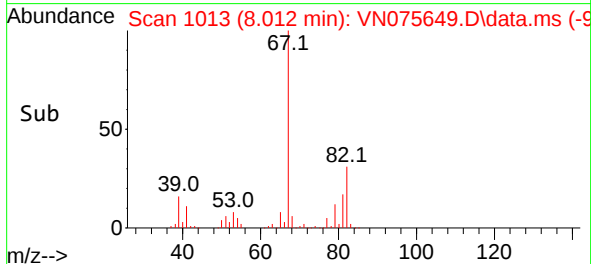
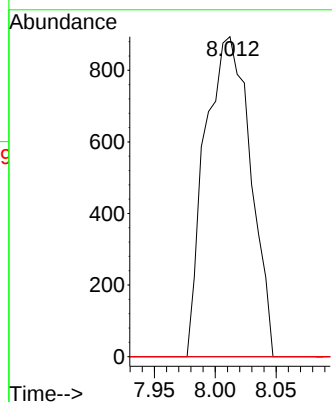
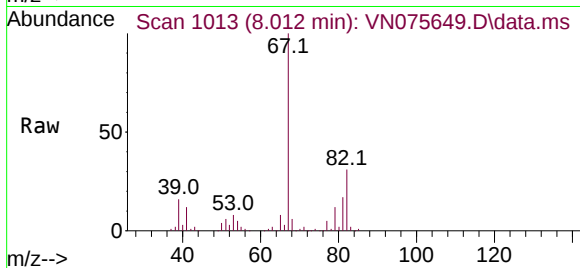
Tgt Ion: 49 Resp: 2321

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 66.2 99.4#



#29

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 7.853 min Scan# 986

Delta R.T. 0.012 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

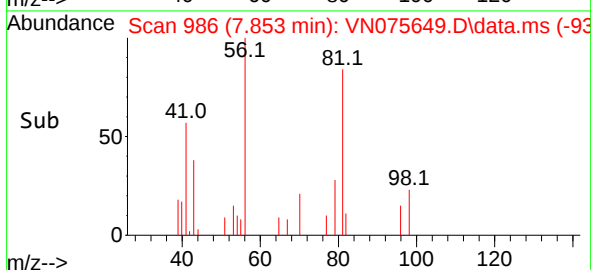
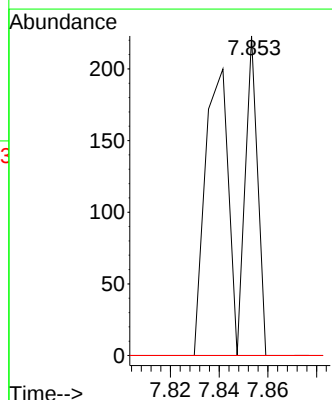
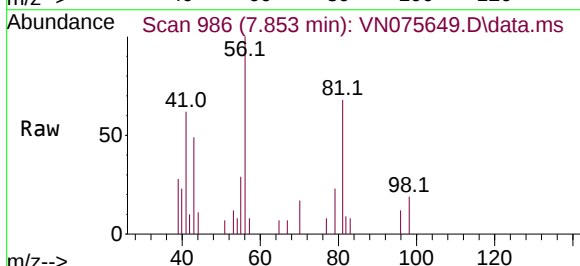
Tgt Ion: 42 Resp: 210

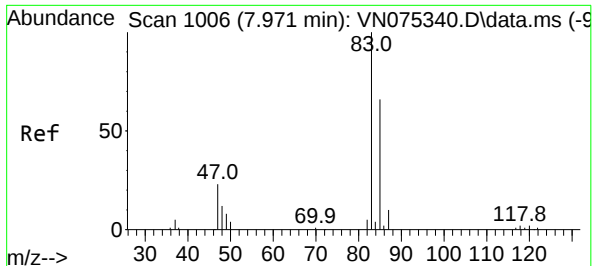
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.6#

71 0.0 39.9 59.9#

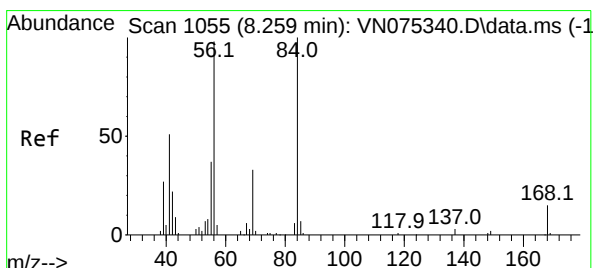
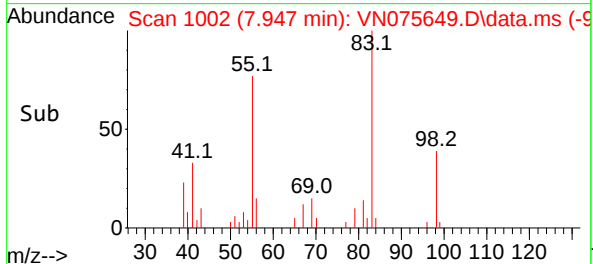
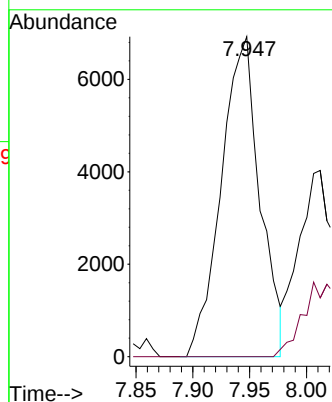
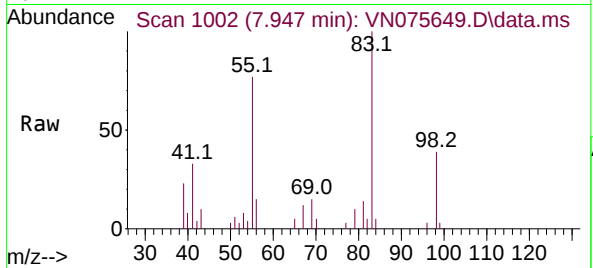




#30
Chloroform
Concen: 4.550 ug/l
RT: 7.947 min Scan# 1002
Delta R.T. -0.024 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

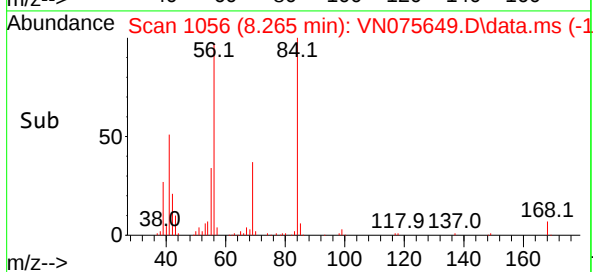
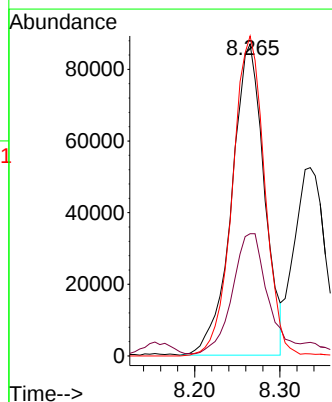
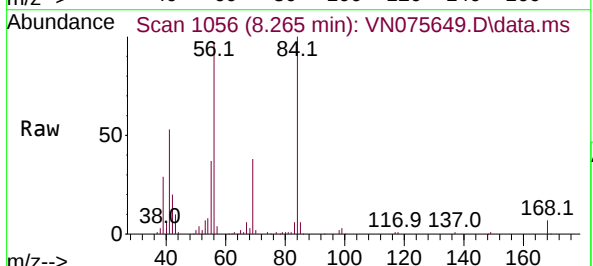
Instrument :
MSVOA_N
ClientSampleId :
INF1222

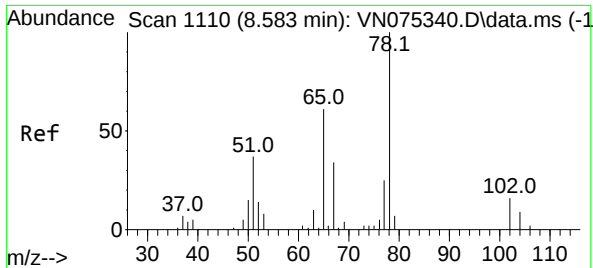
Tgt Ion: 83 Resp: 16343
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#



#31
Cyclohexane
Concen: 75.799 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 56 Resp: 230423
Ion Ratio Lower Upper
56 100
69 38.0 25.2 37.8#
84 102.9 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 48.405 ug/l

RT: 8.589 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

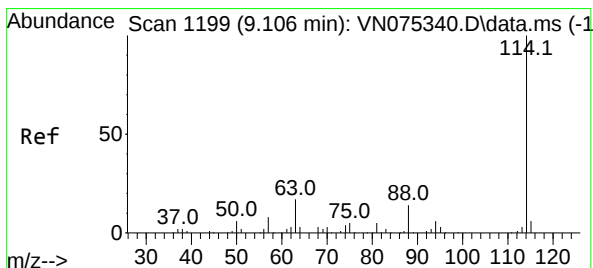
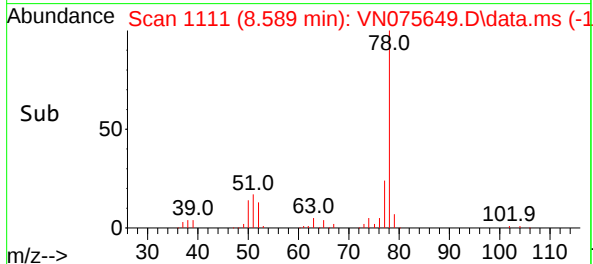
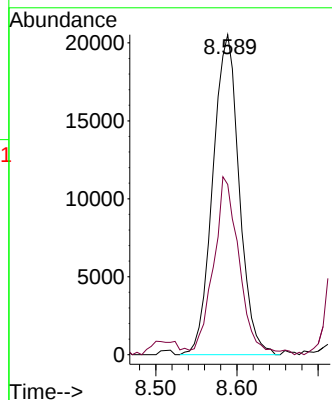
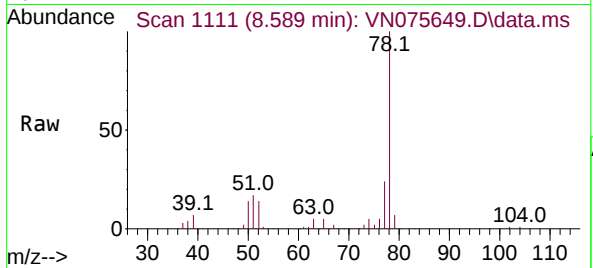
INF1222

Tgt Ion: 65 Resp: 46314

Ion Ratio Lower Upper

65 100

67 54.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

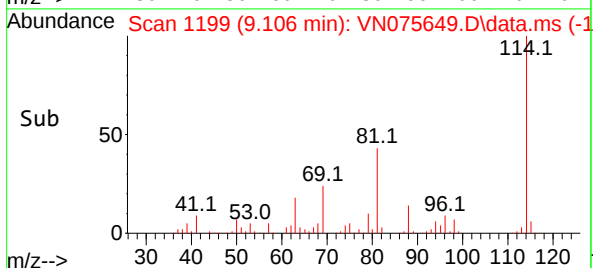
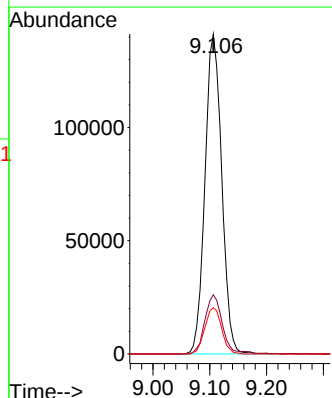
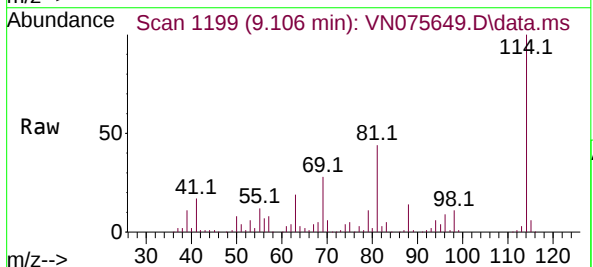
Tgt Ion: 114 Resp: 289184

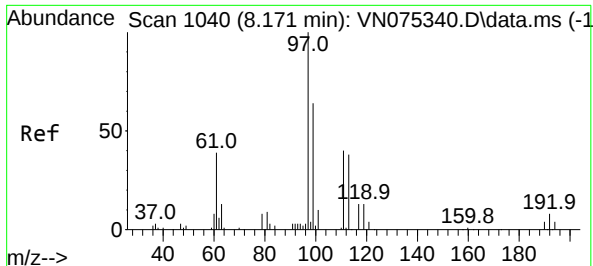
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 14.4 0.0 29.0

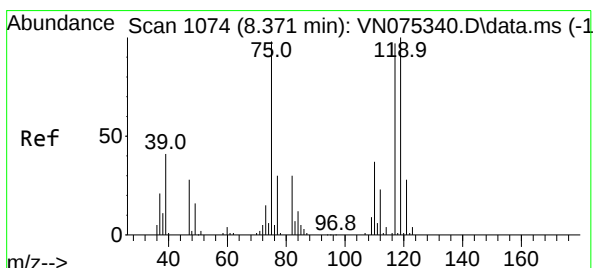
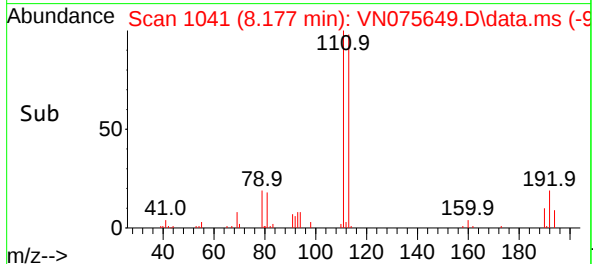
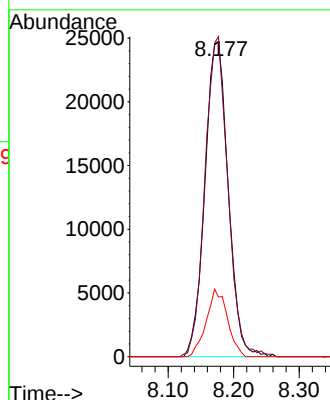
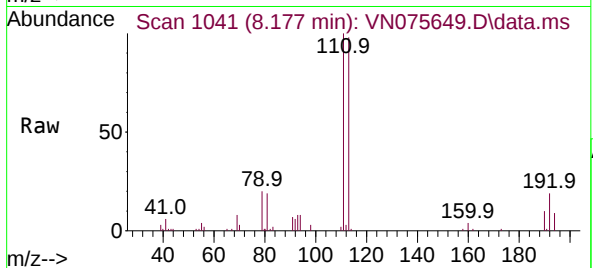




#35
Dibromofluoromethane
Concen: 53.802 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

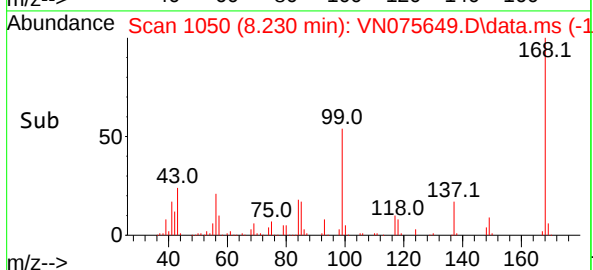
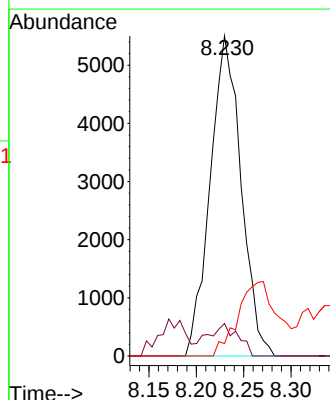
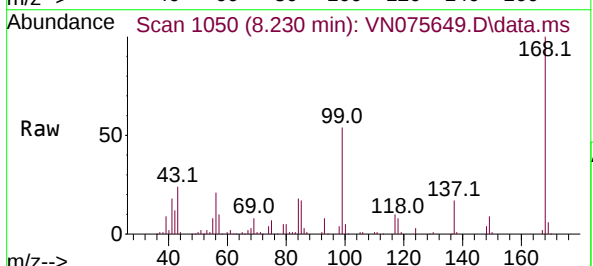
Instrument :
MSVOA_N
ClientSampleId :
INF1222

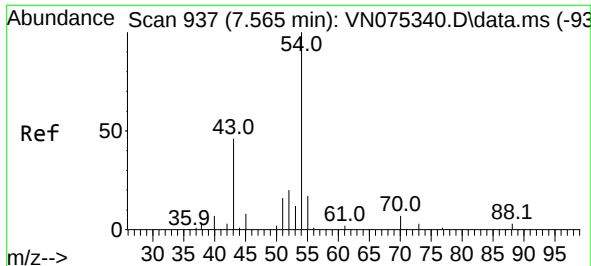
Tgt Ion:113 Resp: 61120
Ion Ratio Lower Upper
113 100
111 99.9 80.5 120.7
192 19.4 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 75 Resp: 12475
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 3.835 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.065 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

INF1222

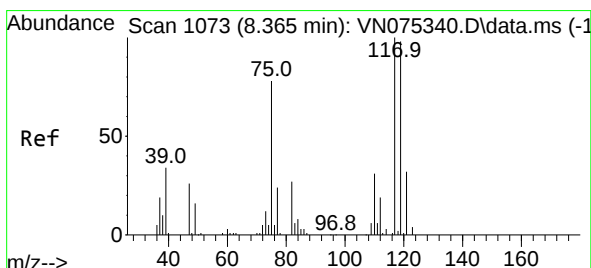
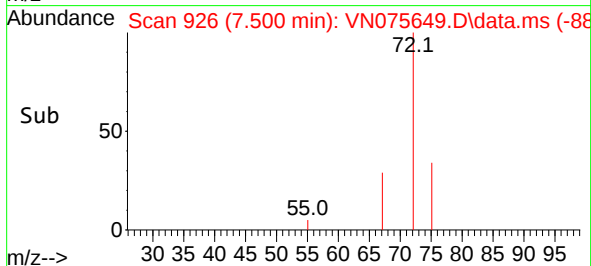
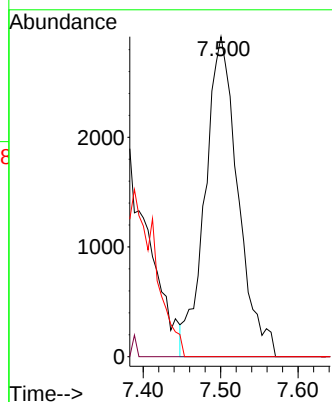
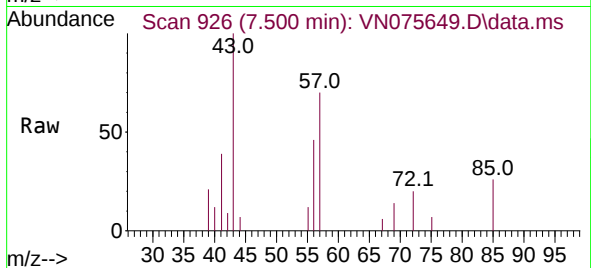
Tgt Ion: 43 Resp: 8555

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.4 14.2#



#38

Carbon Tetrachloride

Concen: 6.291 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

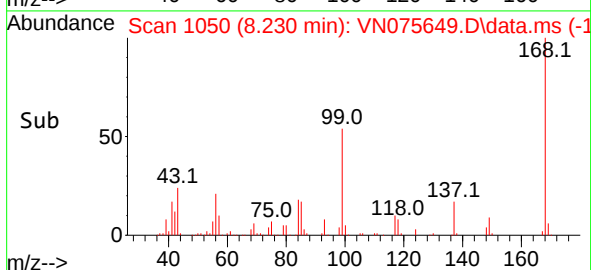
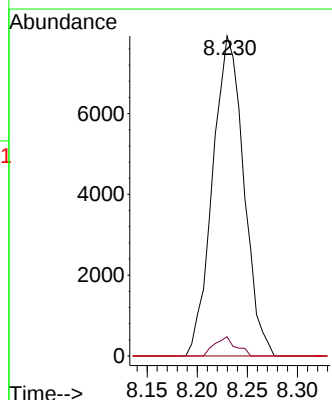
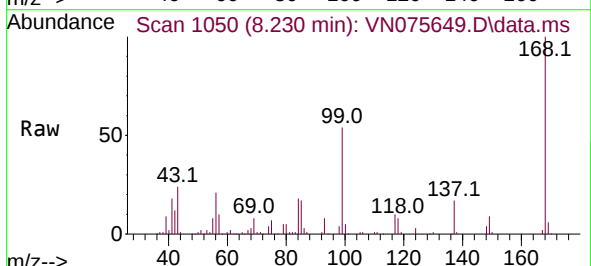
Tgt Ion: 117 Resp: 17120

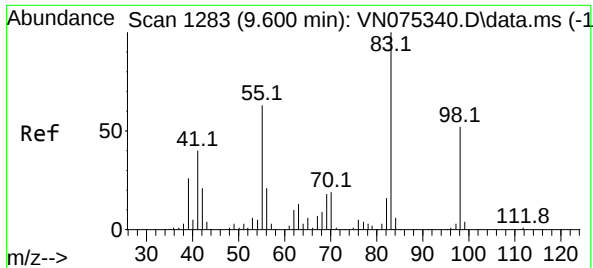
Ion Ratio Lower Upper

117 100

119 6.0 76.7 115.1#

121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 47.739 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

INF1222

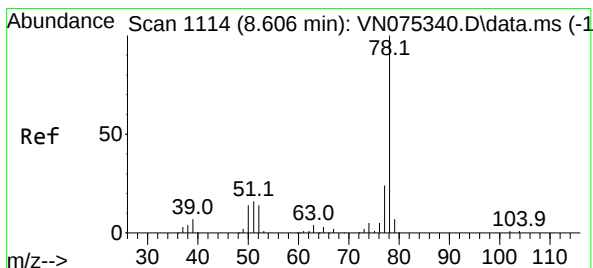
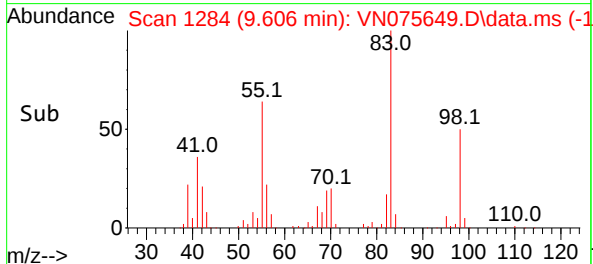
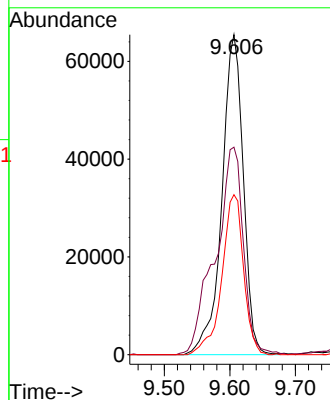
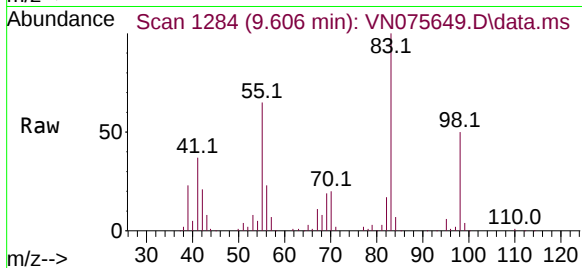
Tgt Ion: 83 Resp: 148017

Ion Ratio Lower Upper

83 100

55 64.5 53.6 80.4

98 50.0 41.1 61.7



#40

Benzene

Concen: 523.397 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075649.D

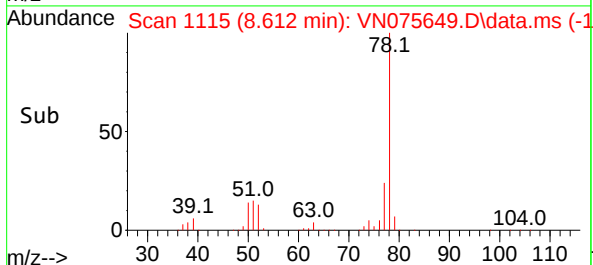
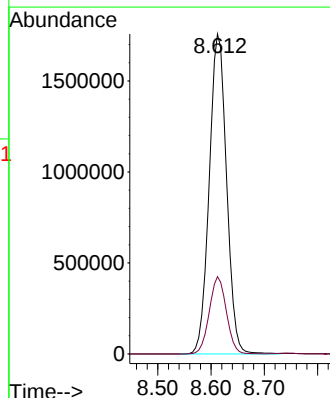
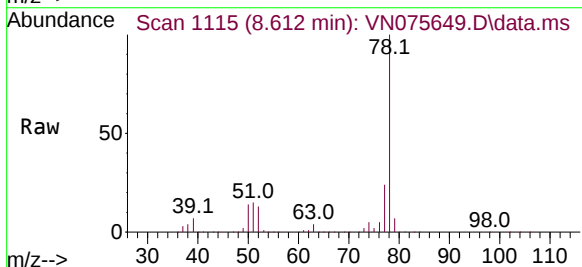
Acq: 08 Dec 2022 15:44

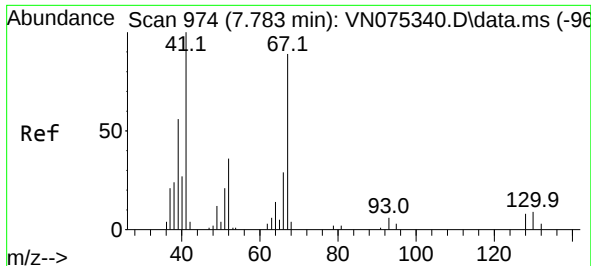
Tgt Ion: 78 Resp: 3969958

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

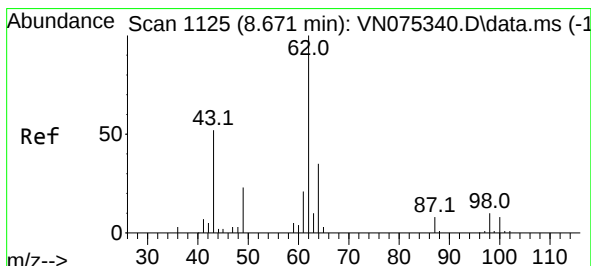
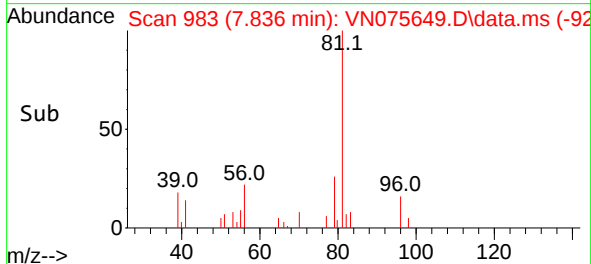
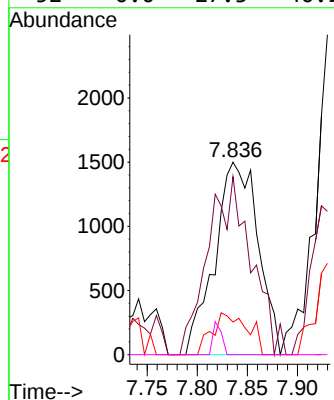
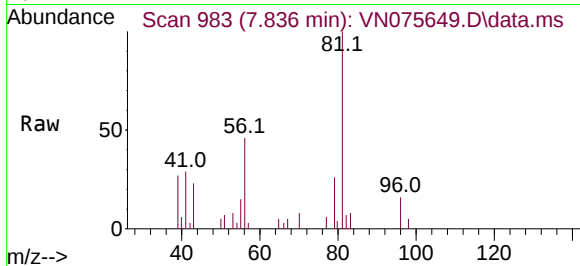




#41
Methacrylonitrile
Concen: 3.962 ug/l
RT: 7.836 min Scan# 911
Delta R.T. 0.053 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

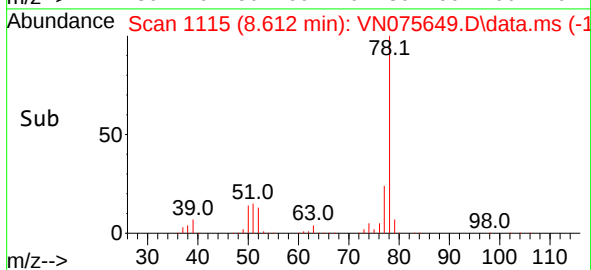
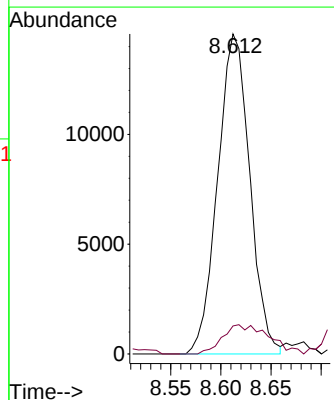
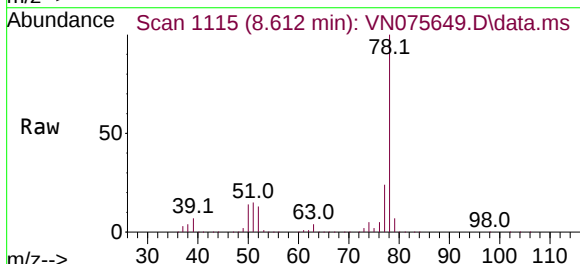
Instrument :
MSVOA_N
ClientSampleId :
INF1222

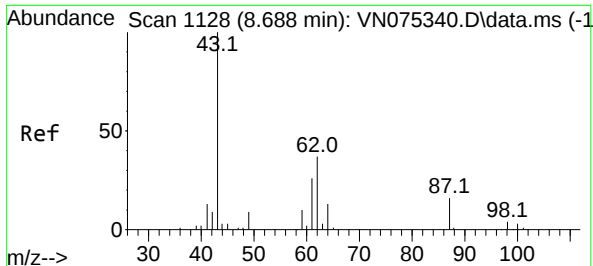
Tgt Ion: 41	Resp: 4518
Ion Ratio	Lower Upper
41 100	
39 0.0	44.4 66.6#
67 0.0	69.8 104.6#
52 0.0	27.3 40.9#



#42
1,2-Dichloroethane
Concen: 12.763 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.059 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 62	Resp: 32422
Ion Ratio	Lower Upper
62 100	
98 13.3	0.0 18.2





#43

Isopropyl Acetate

Concen: 1.645 ug/l

RT: 8.659 min Scan# 1123

Delta R.T. -0.029 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

INF1222

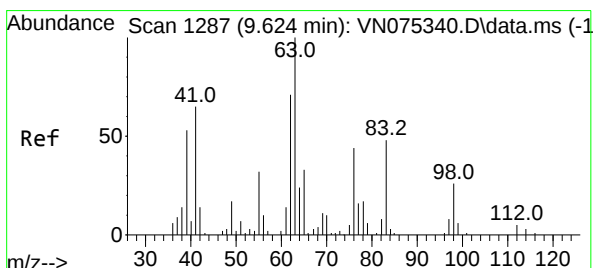
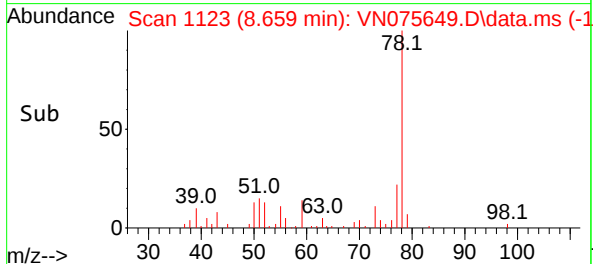
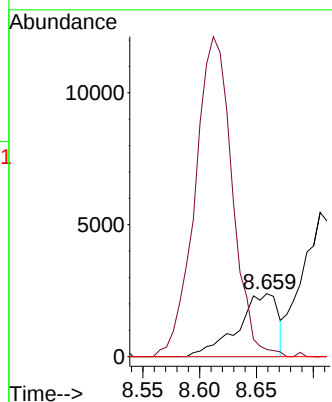
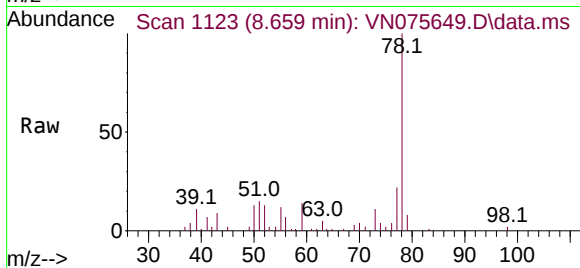
Tgt Ion: 43 Resp: 5891

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#45

1,2-Dichloropropane

Concen: 0.912 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.018 min

Lab File: VN075649.D

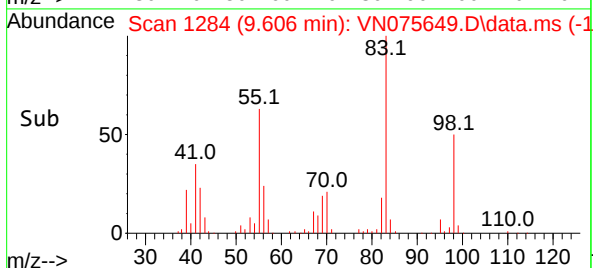
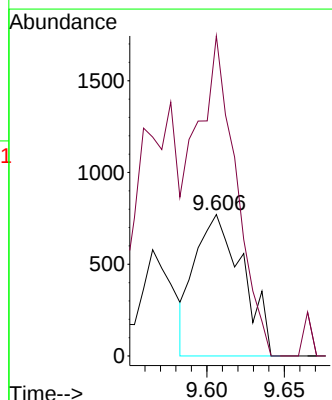
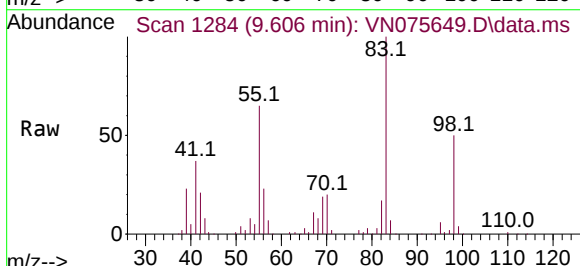
Acq: 08 Dec 2022 15:44

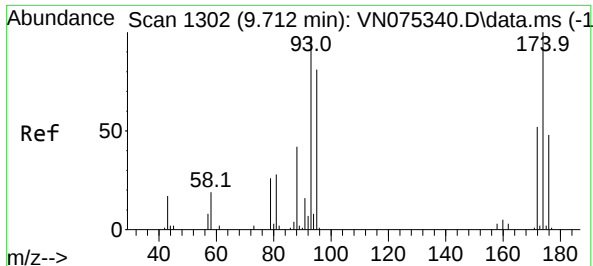
Tgt Ion: 63 Resp: 1648

Ion Ratio Lower Upper

63 100

65 226.2 26.1 39.1#





#46

Dibromomethane

Concen: 0.218 ug/l

RT: 9.671 min Scan# 1302

Delta R.T. -0.041 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

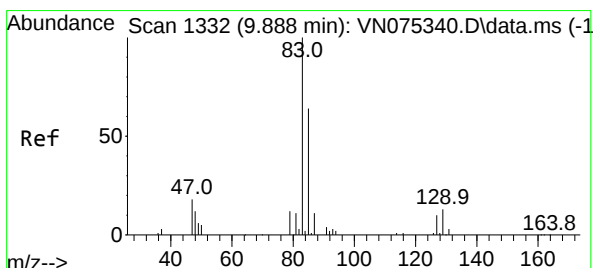
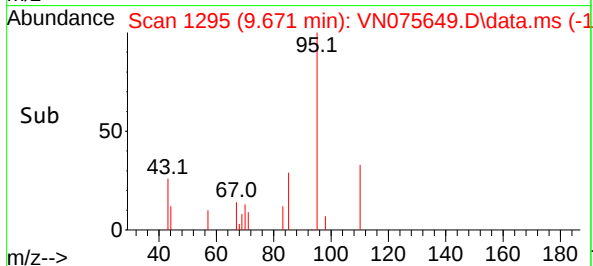
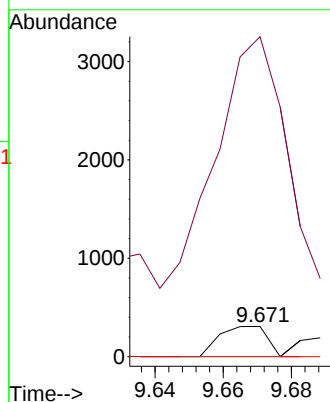
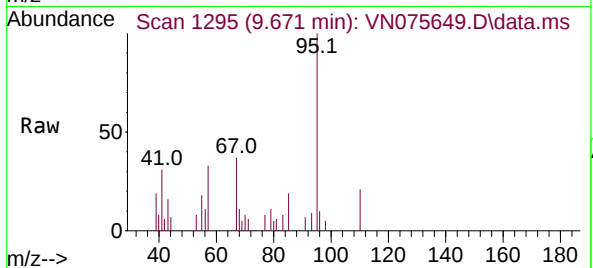
MSVOA_N

ClientSampleId :

INF1222

Tgt Ion: 93 Resp: 298

Ion	Ratio	Lower	Upper
93	100		
95	1915.4	66.6	99.8#
174	0.0	70.3	105.5#



#47

Bromodichloromethane

Concen: 2.041 ug/l

RT: 9.877 min Scan# 1330

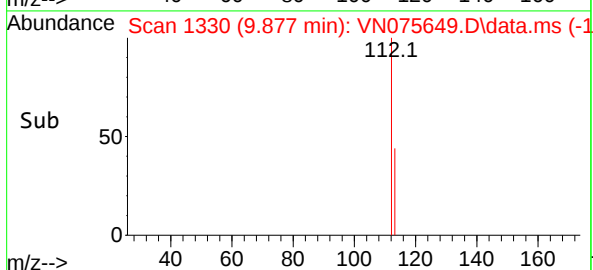
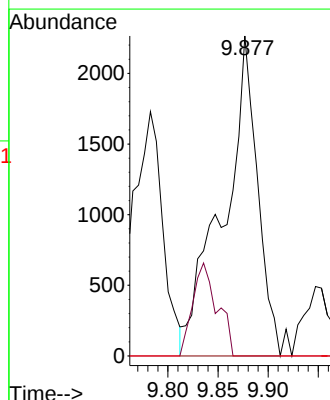
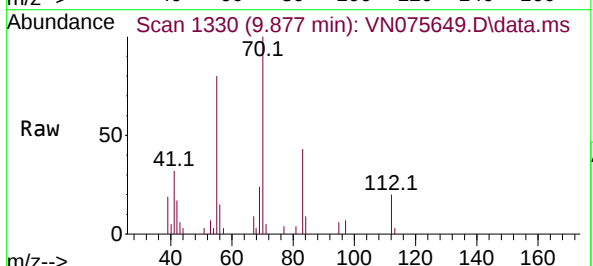
Delta R.T. -0.011 min

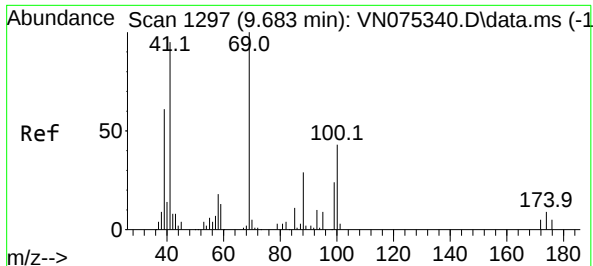
Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Tgt Ion: 83 Resp: 5404

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.1	78.1#
127	0.0	6.6	10.0#

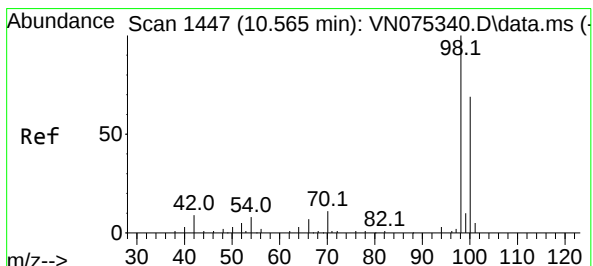
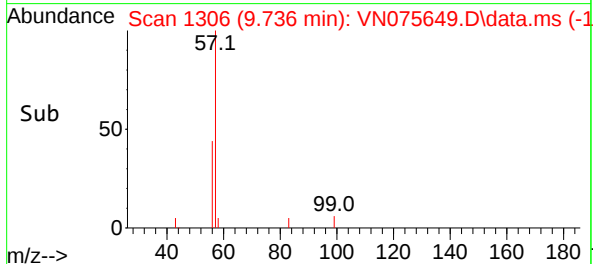
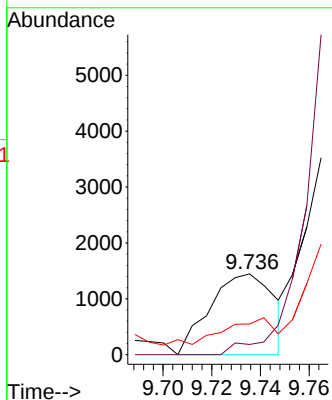
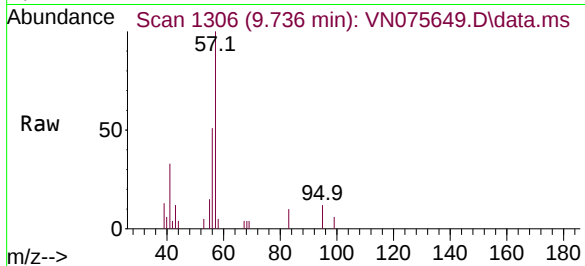




#48
Methyl methacrylate
Concen: 1.588 ug/l
RT: 9.736 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

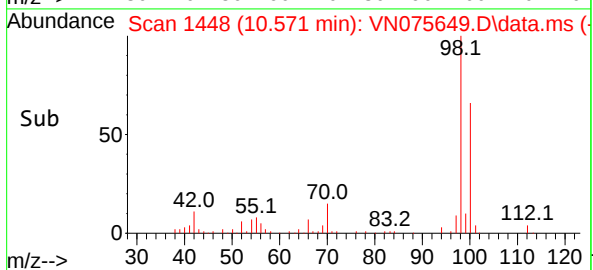
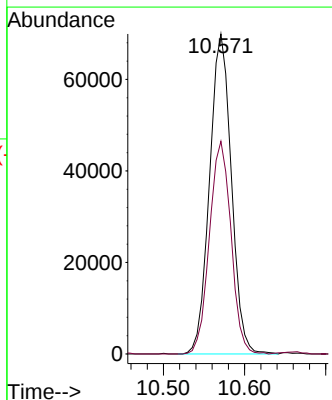
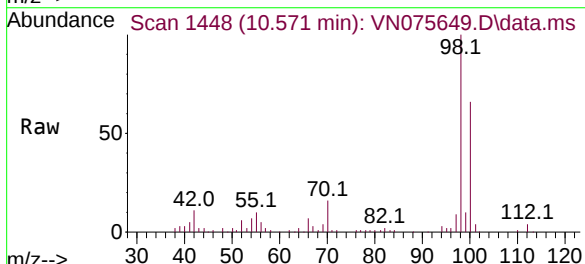
Instrument :
MSVOA_N
ClientSampleId :
INF1222

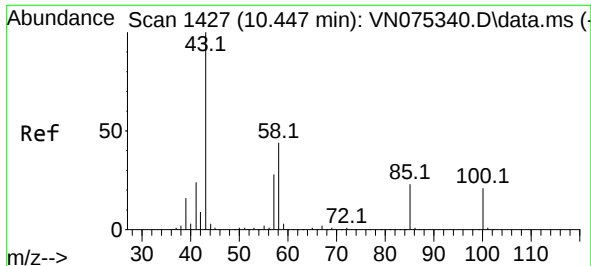
Tgt Ion: 41 Resp: 2629
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 0.0 56.2 84.2#



#50
Toluene-d8
Concen: 50.976 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 98 Resp: 130428
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6

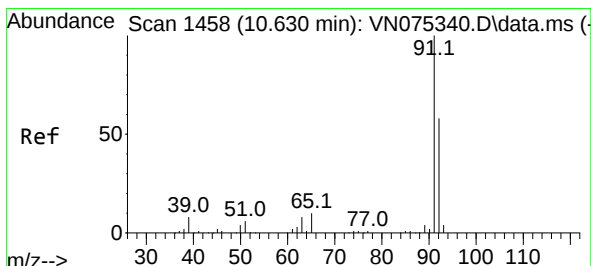
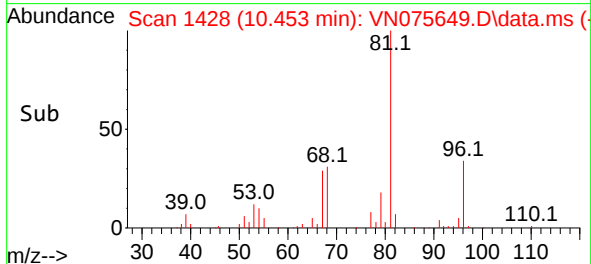
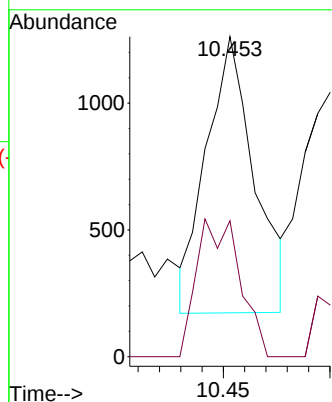
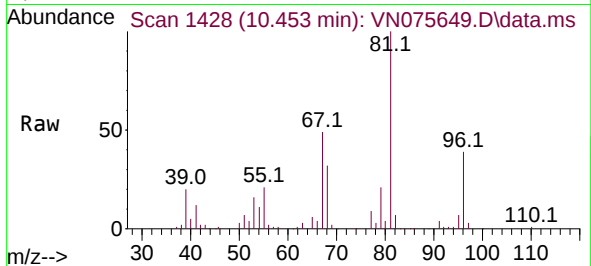




#51
4-Methyl-2-Pentanone
Concen: 0.747 ug/l
RT: 10.453 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

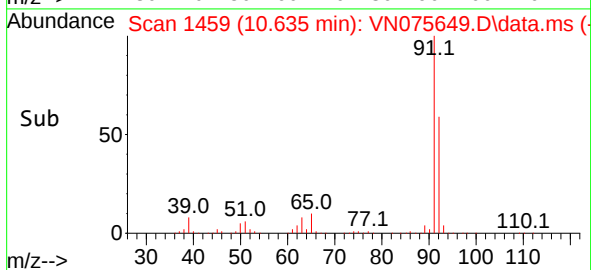
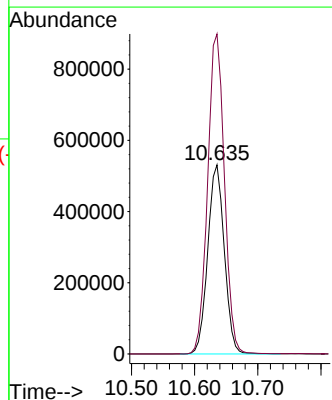
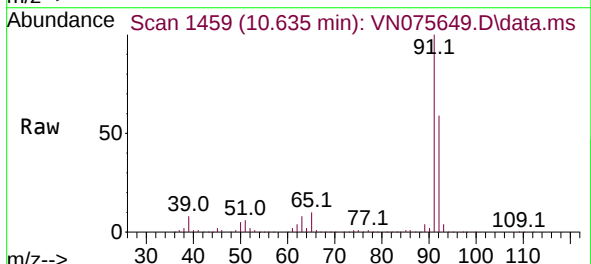
Instrument :
MSVOA_N
ClientSampleId :
INF1222

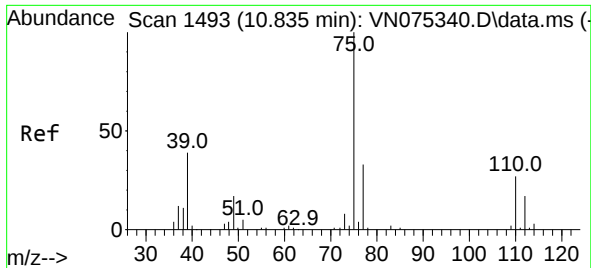
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 45.0 33.6 50.4



#52
Toluene
Concen: 197.858 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 92 Resp: 967096
Ion Ratio Lower Upper
92 100
91 171.3 135.4 203.2

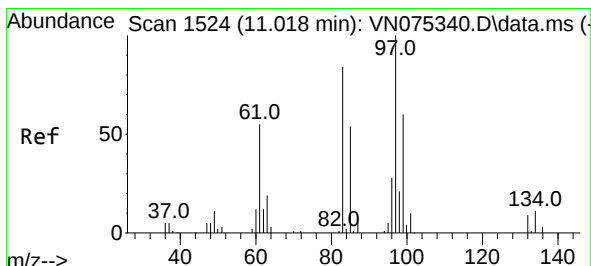
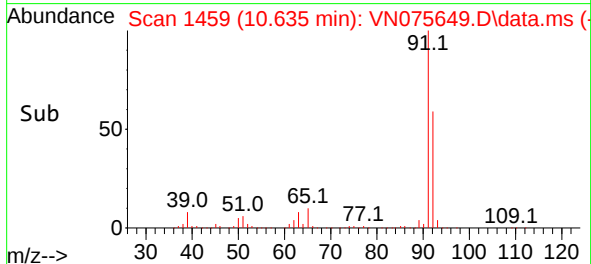
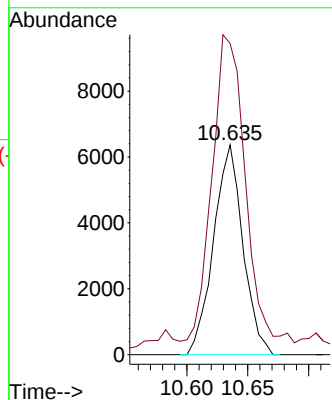
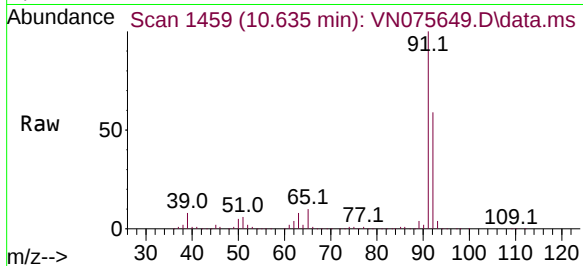




#53
 t-1,3-Dichloropropene
 Concen: 4.015 ug/l
 RT: 10.635 min Scan# 1493
 Delta R.T. -0.200 min
 Lab File: VN075649.D
 Acq: 08 Dec 2022 15:44

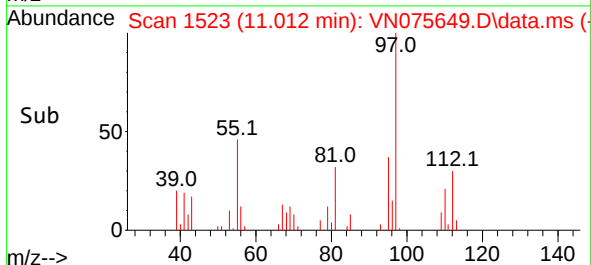
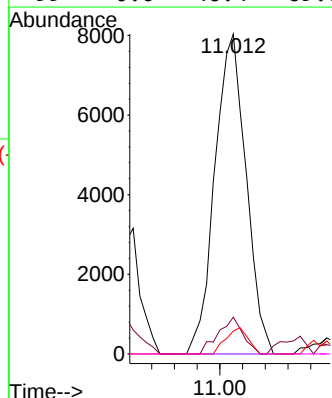
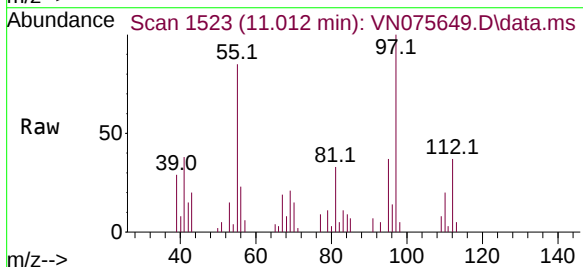
Instrument :
 MSVOA_N
 ClientSampleId :
 INF1222

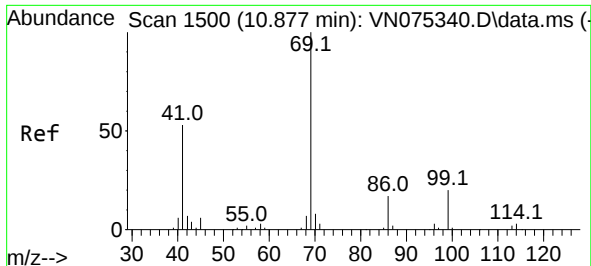
Tgt Ion: 75 Resp: 10672
 Ion Ratio Lower Upper
 75 100
 77 142.0 25.4 38.2#



#55
 1,1,2-Trichloroethane
 Concen: 7.699 ug/l
 RT: 11.012 min Scan# 1523
 Delta R.T. -0.006 min
 Lab File: VN075649.D
 Acq: 08 Dec 2022 15:44

Tgt Ion: 97 Resp: 15327
 Ion Ratio Lower Upper
 97 100
 83 11.5 65.9 98.9#
 85 7.1 40.4 60.6#
 99 0.0 46.4 69.6#

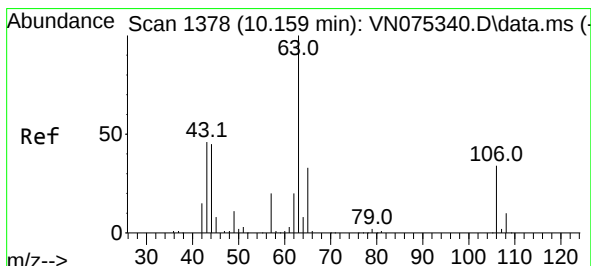
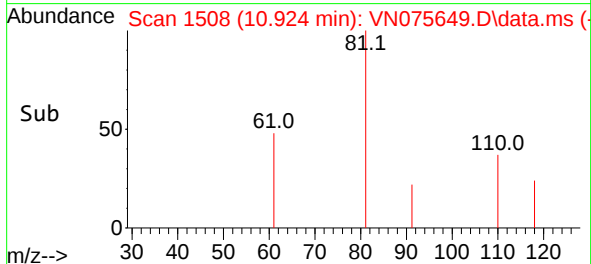
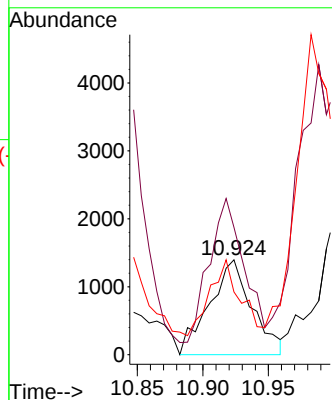
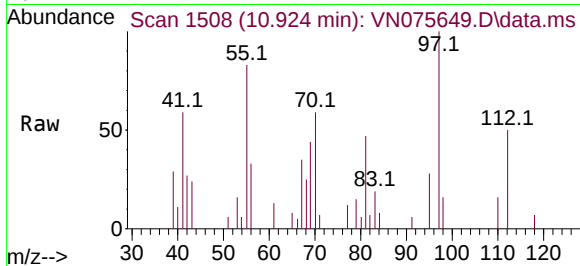




#56
Ethyl methacrylate
Concen: 1.169 ug/l
RT: 10.924 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

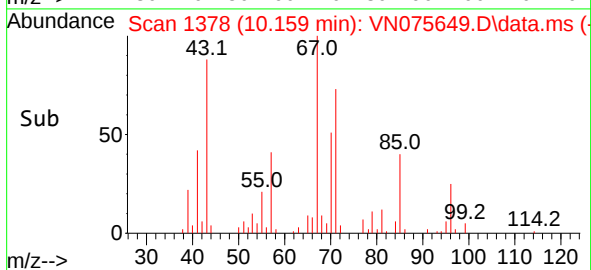
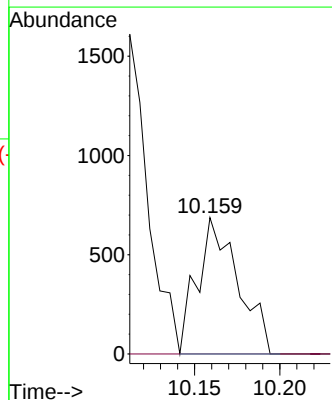
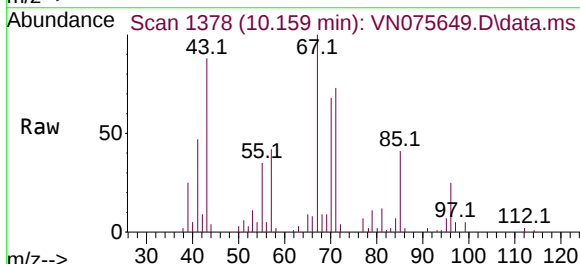
Instrument :
MSVOA_N
ClientSampleId :
INF1222

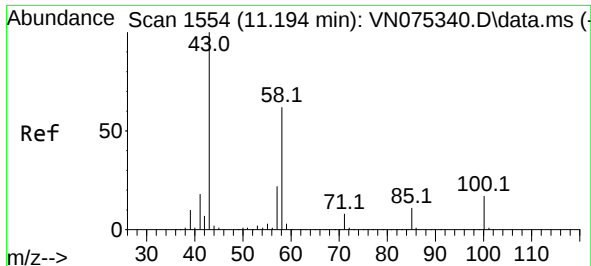
Tgt Ion: 69 Resp: 3144
Ion Ratio Lower Upper
69 100
41 124.2 45.6 68.4#
39 0.0 28.5 42.7#



#58
2-Chloroethyl Vinyl ether
Concen: 1.179 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 63 Resp: 1143
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#

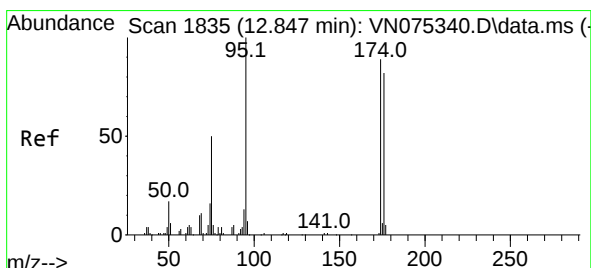
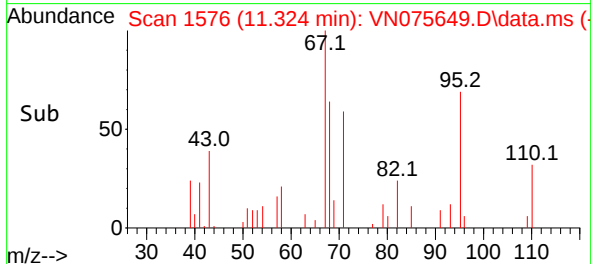
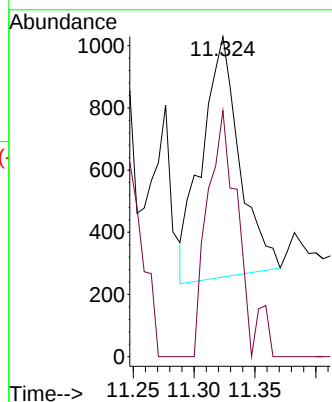
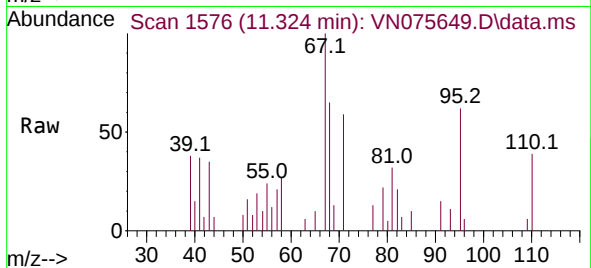




#59
2-Hexanone
Concen: 0.973 ug/l
RT: 11.324 min Scan# 11
Delta R.T. 0.130 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

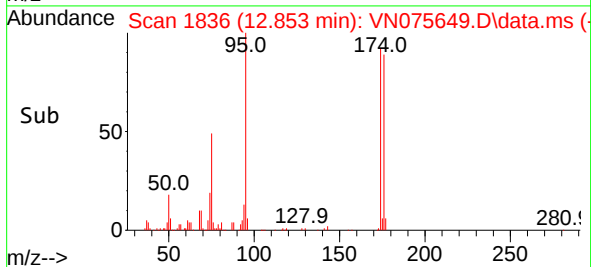
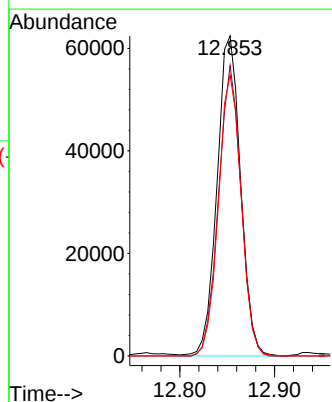
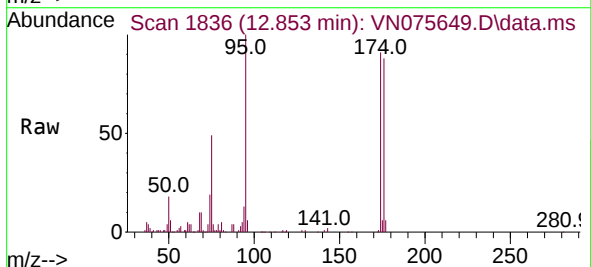
Instrument :
MSVOA_N
ClientSampleId :
INF1222

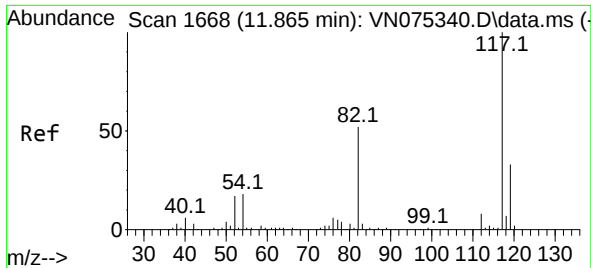
Tgt Ion: 43 Resp: 1667
Ion Ratio Lower Upper
43 100
58 77.6 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 57.140 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 95 Resp: 107911
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 84.9 0.0 142.2

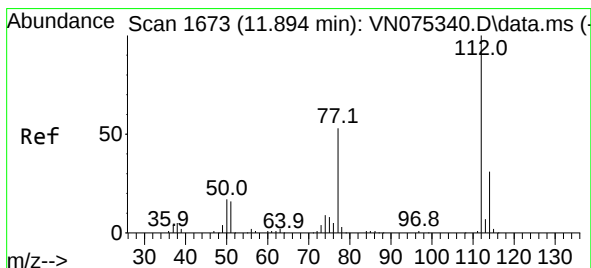
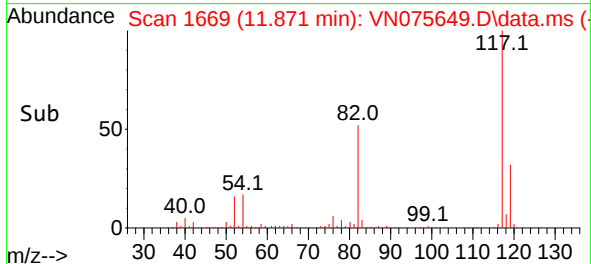
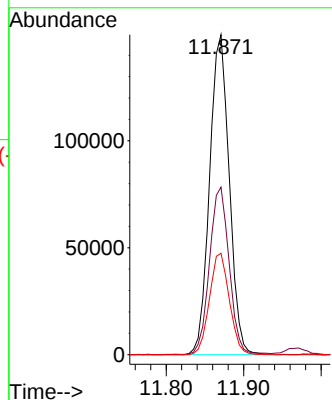
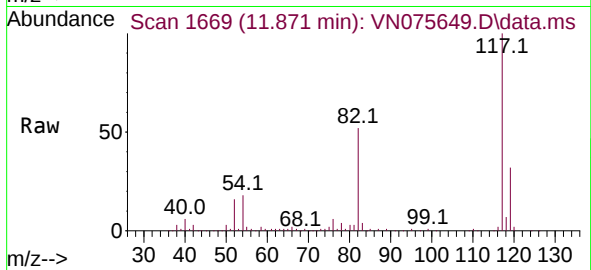




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

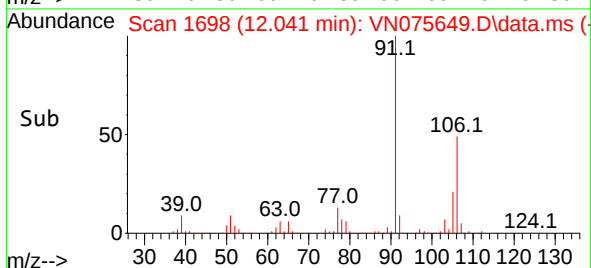
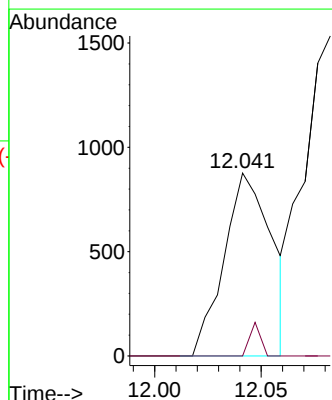
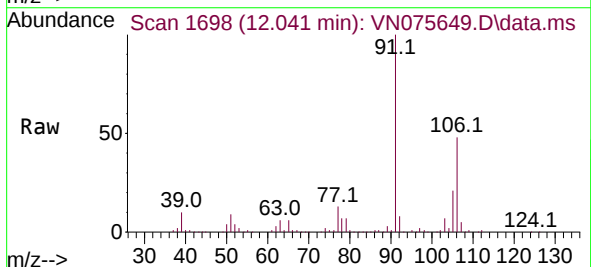
Instrument :
MSVOA_N
ClientSampleId :
INF1222

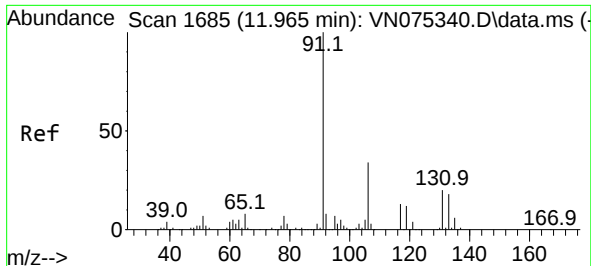
Tgt Ion:117 Resp: 263434
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 31.7 25.5 38.3



#65
Chlorobenzene
Concen: 0.250 ug/l
RT: 12.041 min Scan# 1698
Delta R.T. 0.147 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion:112 Resp: 1359
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#

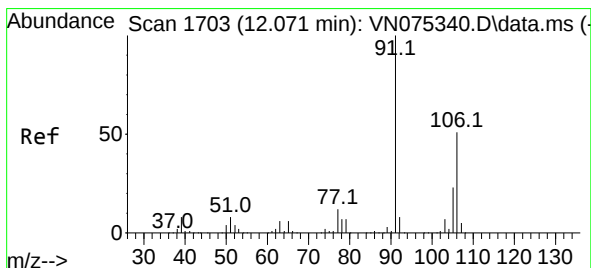
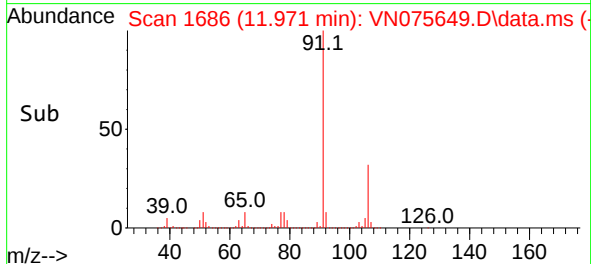
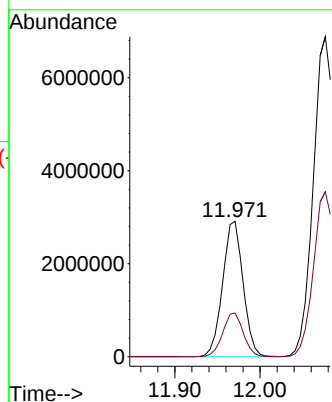
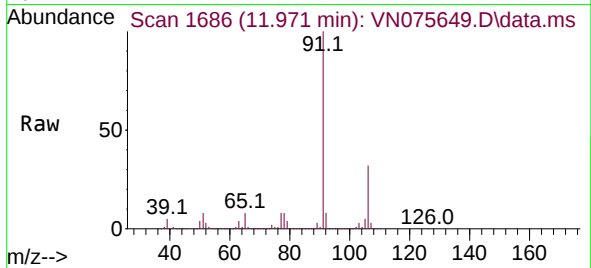




#67
Ethyl Benzene
Concen: 523.460 ug/l
RT: 11.971 min Scan# 1196
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

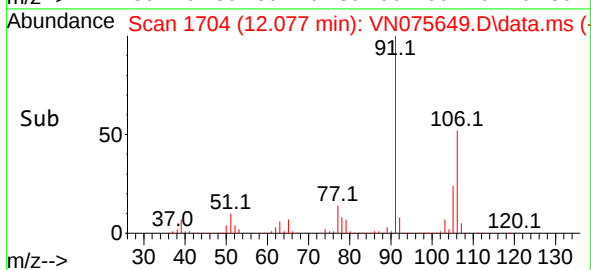
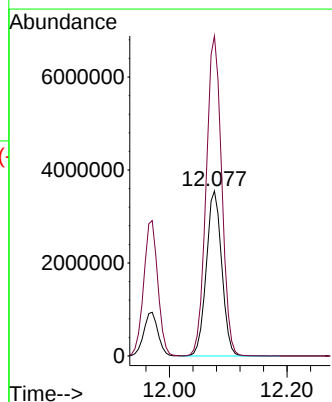
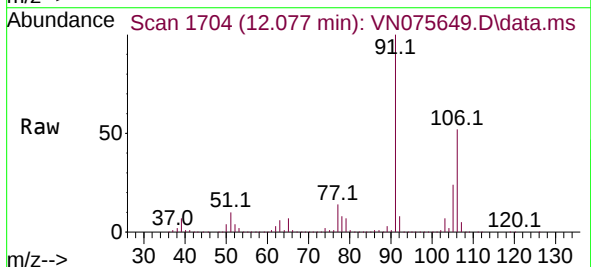
Instrument :
MSVOA_N
ClientSampleId :
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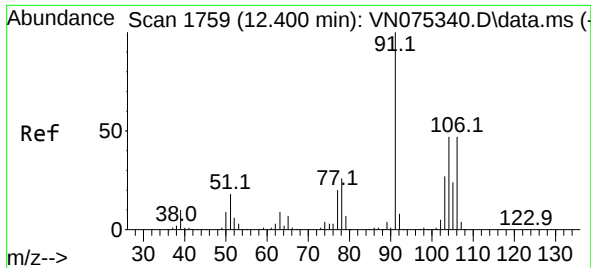
Tgt Ion: 91 Resp: 4858521
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#68
m/p-Xylenes
Concen: 1707.999 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion:106 Resp: 6437677
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0

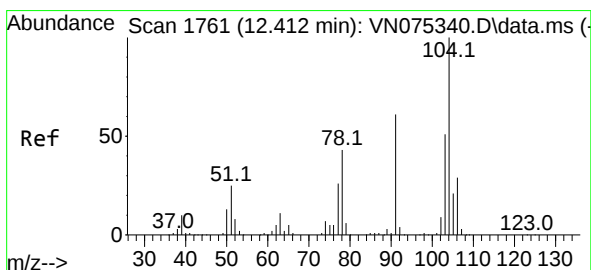
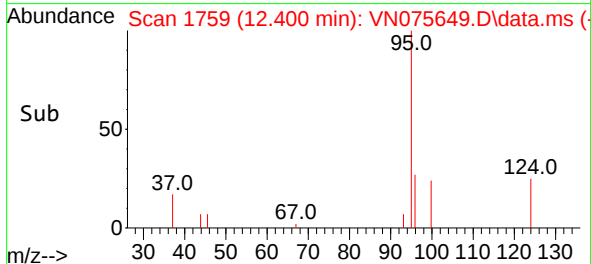
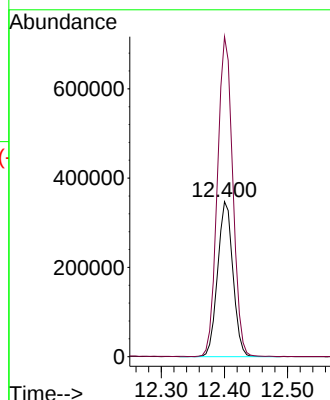
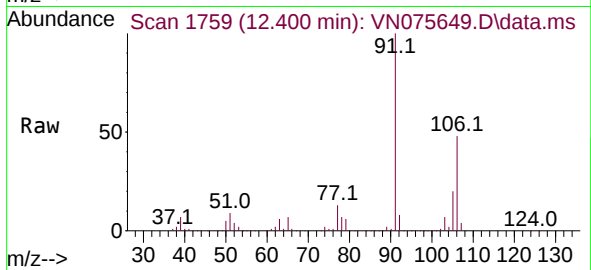




#69
o-Xylene
Concen: 156.222 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

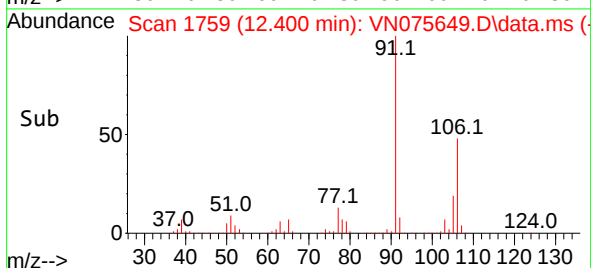
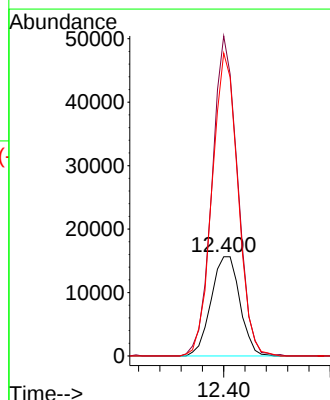
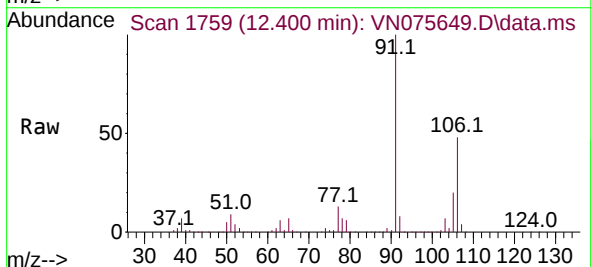
Instrument :
MSVOA_N
ClientSampleId :
INF1222

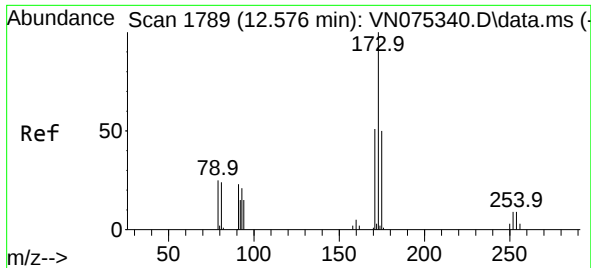
Tgt Ion:106 Resp: 585035
Ion Ratio Lower Upper
106 100
91 207.2 105.2 315.5



#70
Styrene
Concen: 4.953 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion:104 Resp: 29263
Ion Ratio Lower Upper
104 100
78 286.0 38.1 57.1#
103 274.8 44.6 66.8#





#71

Bromoform

Concen: 0.366 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.271 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

INF1222

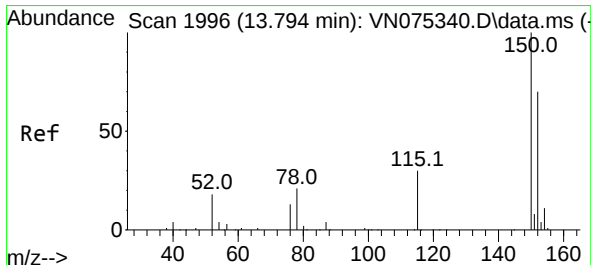
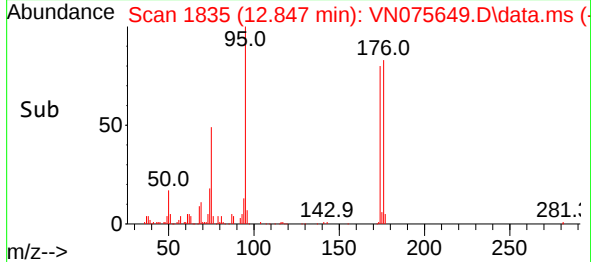
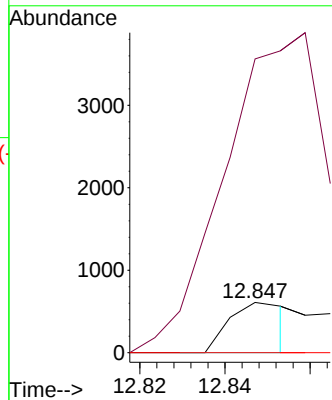
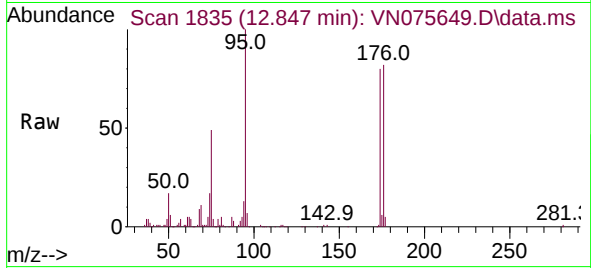
Tgt Ion:173 Resp: 566

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

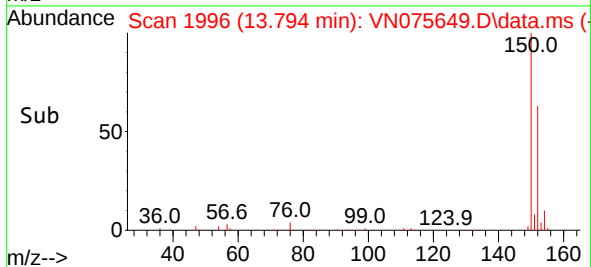
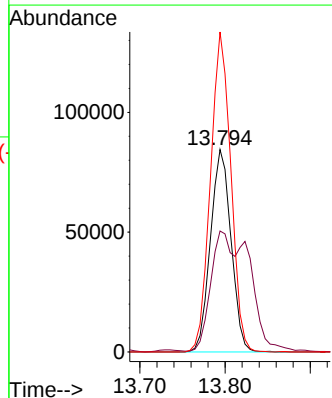
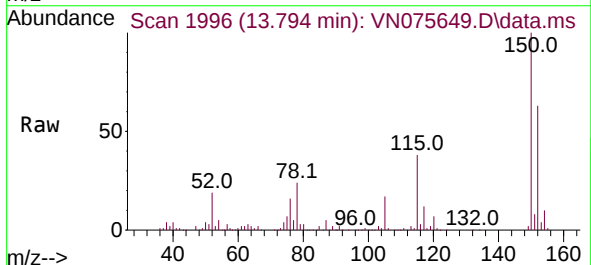
Tgt Ion:152 Resp: 141906

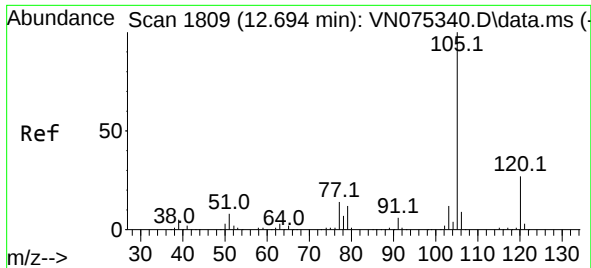
Ion Ratio Lower Upper

152 100

115 66.1 30.2 90.6

150 156.0 0.0 348.4

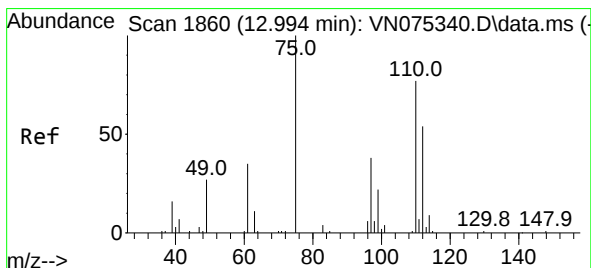
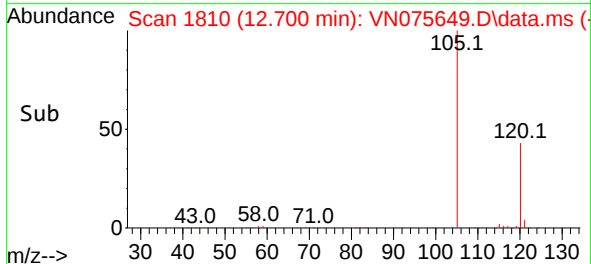
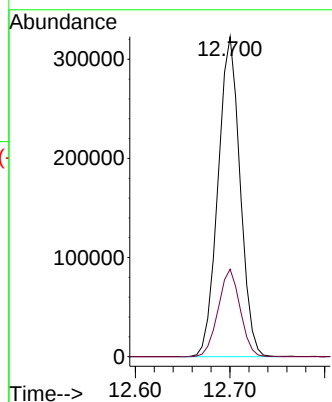
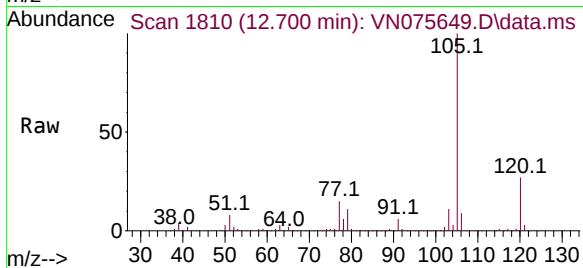




#73
Isopropylbenzene
Concen: 50.384 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

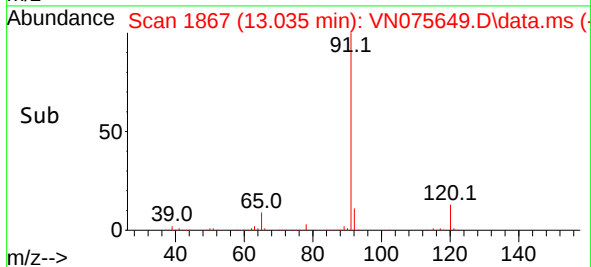
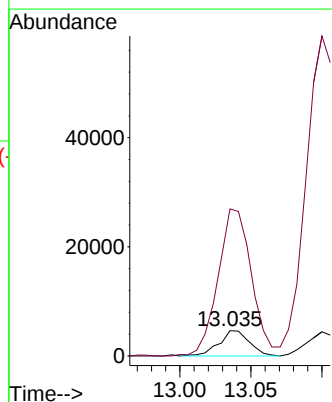
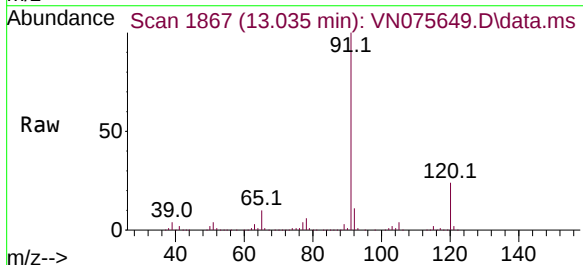
Instrument :
MSVOA_N
ClientSampleId :
INF1222

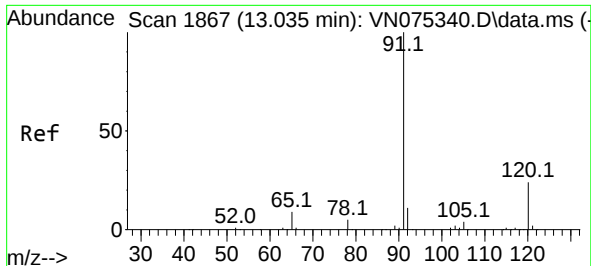
Tgt Ion:105 Resp: 522365
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1



#76
1,2,3-Trichloropropane
Concen: 2.575 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.041 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 75 Resp: 6910
Ion Ratio Lower Upper
75 100
77 643.3 75.6 226.8#

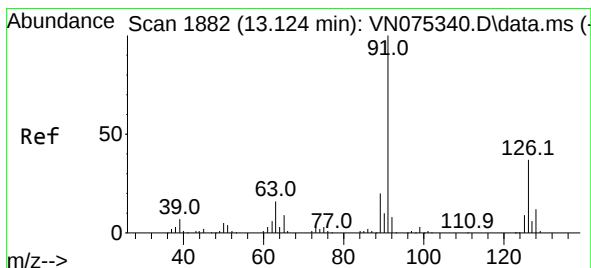
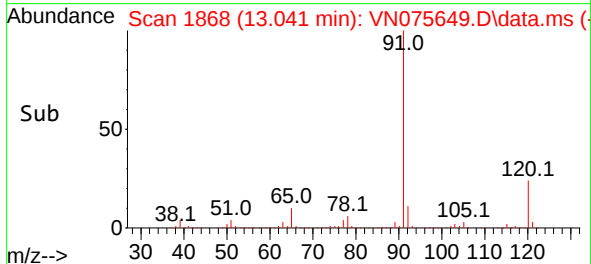
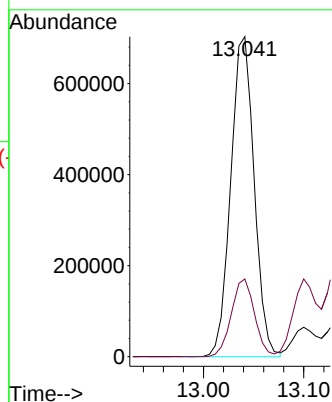
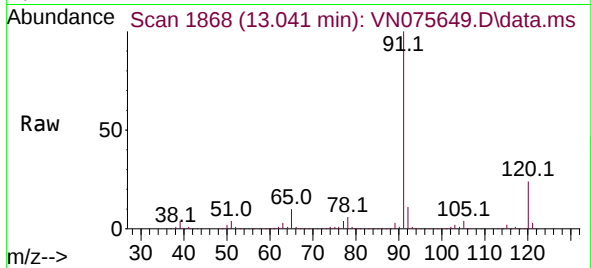




#78
n-propylbenzene
Concen: 98.779 ug/l
RT: 13.041 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

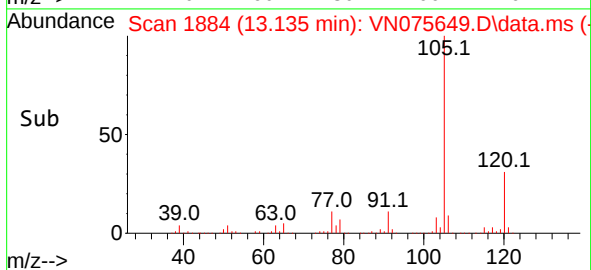
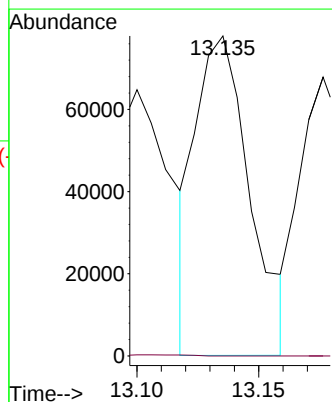
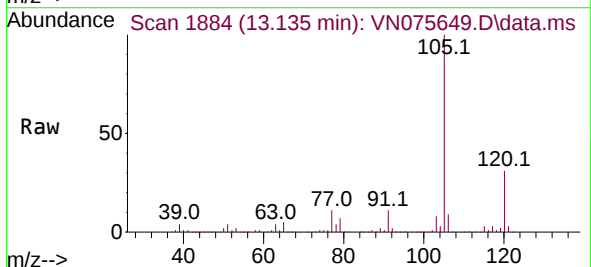
Instrument :
MSVOA_N
ClientSampleId :
INF1222

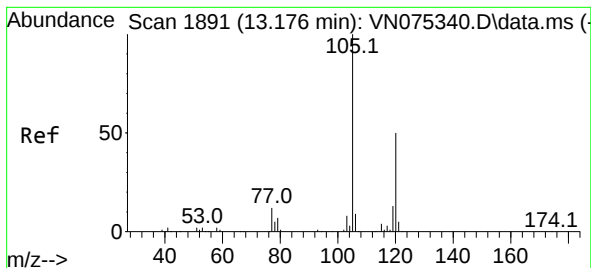
Tgt Ion: 91 Resp: 1142905
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5



#79
2-Chlorotoluene
Concen: 17.333 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.011 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 91 Resp: 120832
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 116.108 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

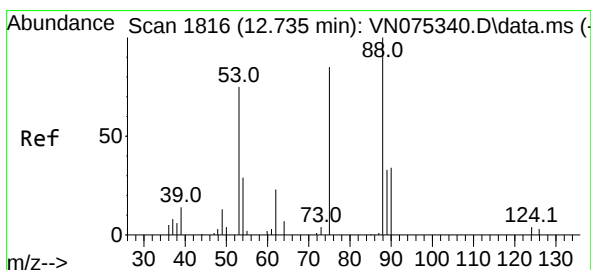
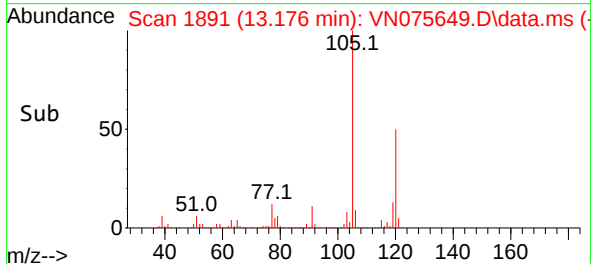
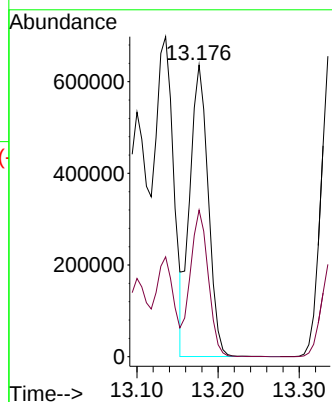
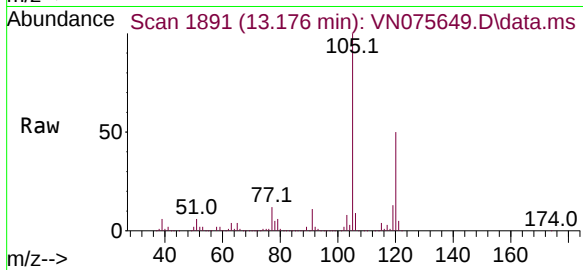
INF1222

Tgt Ion:105 Resp: 1000097

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 6.420 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.035 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

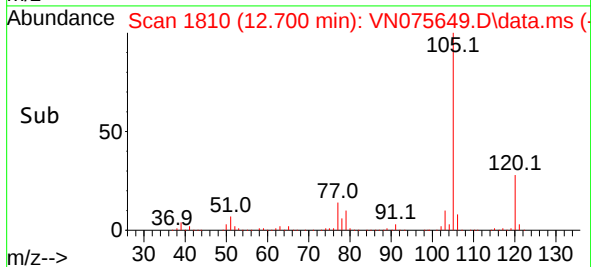
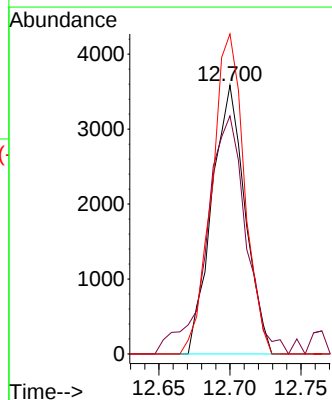
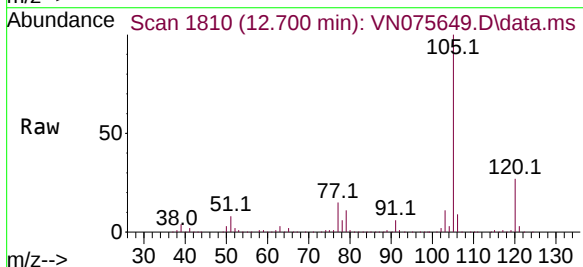
Tgt Ion: 75 Resp: 5822

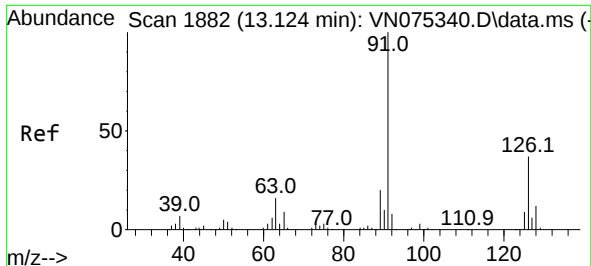
Ion Ratio Lower Upper

75 100

53 104.7 78.5 117.7

89 116.9 37.7 56.5#

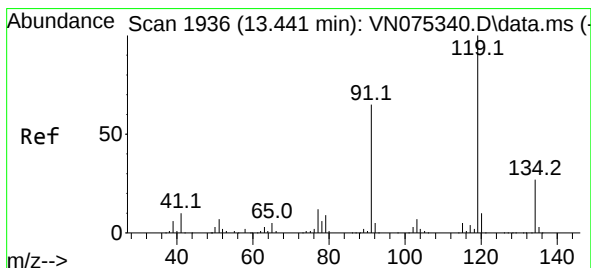
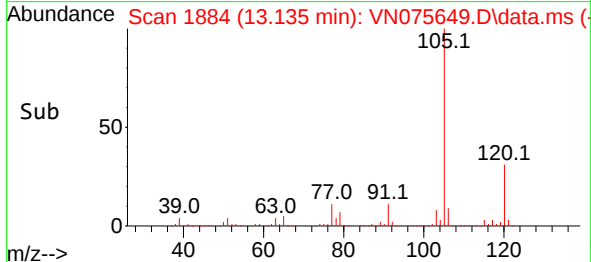
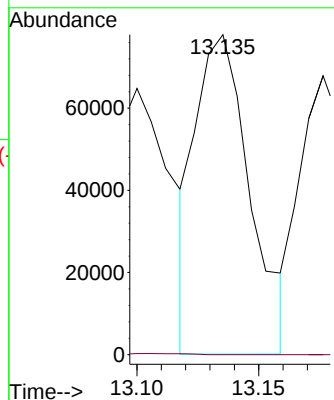
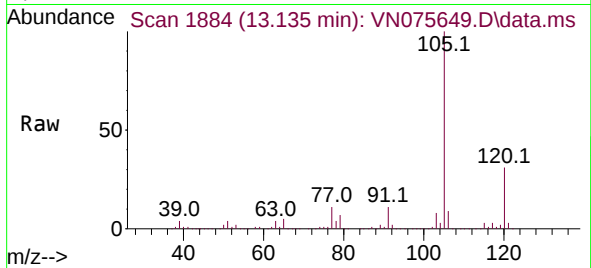




#82
4-Chlorotoluene
Concen: 17.333 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.011 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

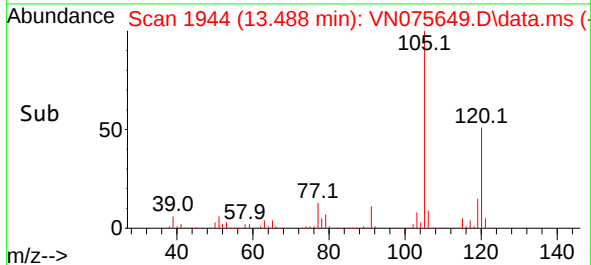
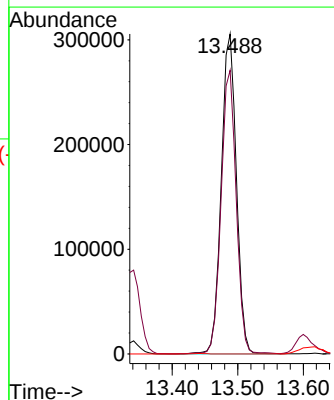
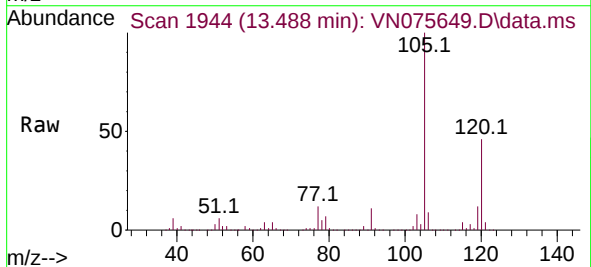
Instrument :
MSVOA_N
ClientSampleId :
INF1222

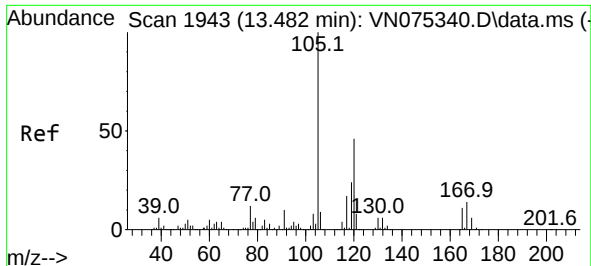
Tgt Ion: 91 Resp: 120832
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 62.004 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.047 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 119 Resp: 486944
Ion Ratio Lower Upper
119 100
91 88.5 32.8 98.4
134 0.0 12.3 36.9#

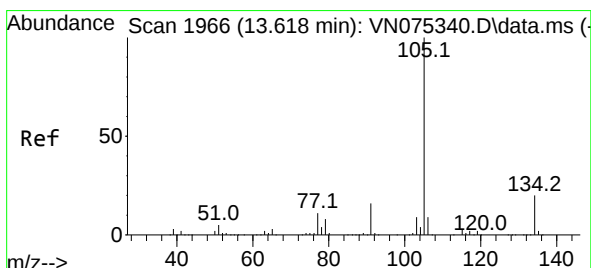
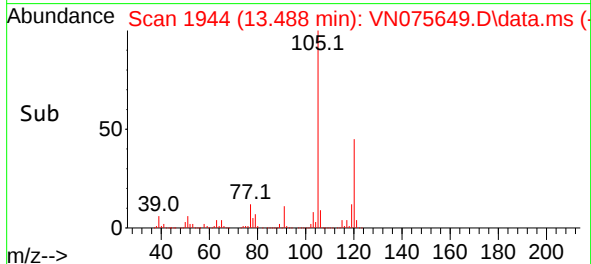
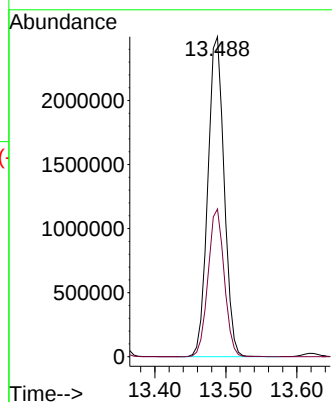
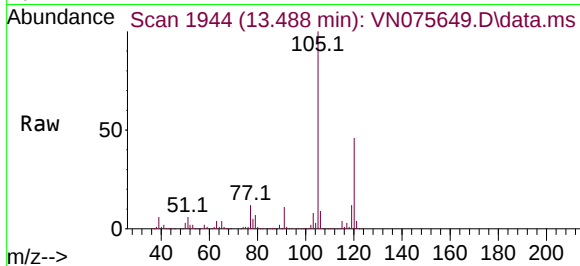




#84
1,2,4-Trimethylbenzene
Concen: 461.160 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

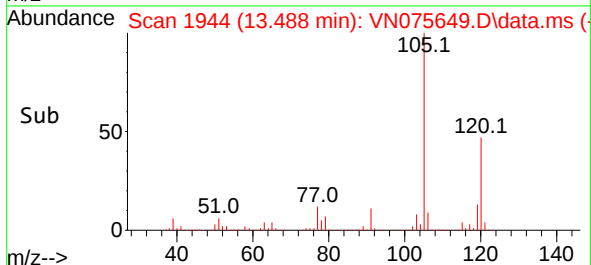
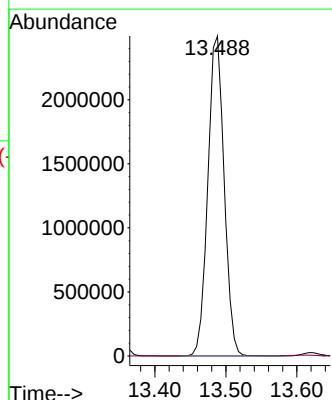
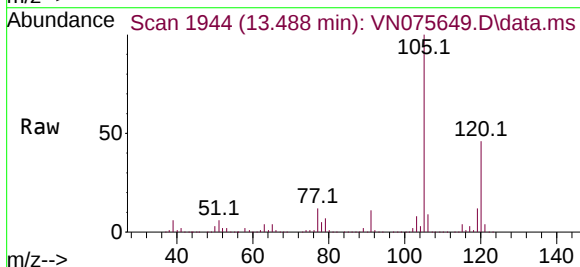
Instrument :
MSVOA_N
ClientSampleId :
INF1222

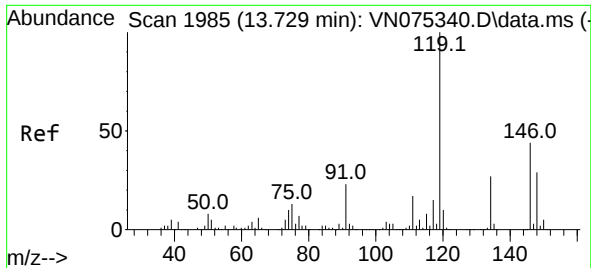
Tgt Ion:105 Resp: 3984385
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1



#85
sec-Butylbenzene
Concen: 373.908 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. -0.130 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion:105 Resp: 3984385
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.6#

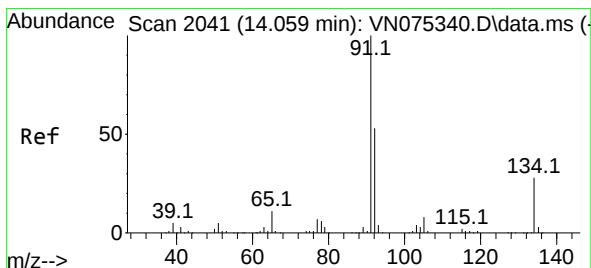
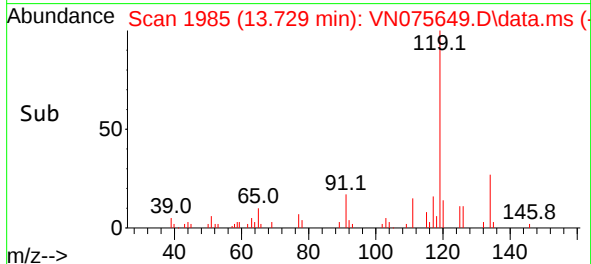
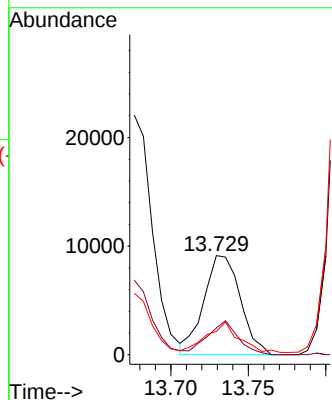
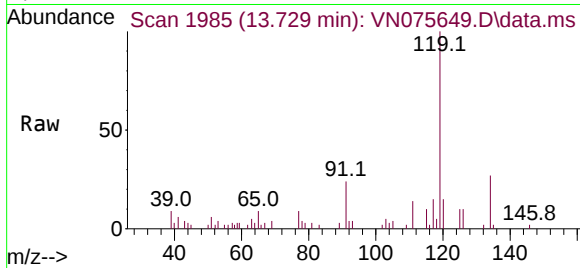




#86
p-Isopropyltoluene
Concen: 1.674 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

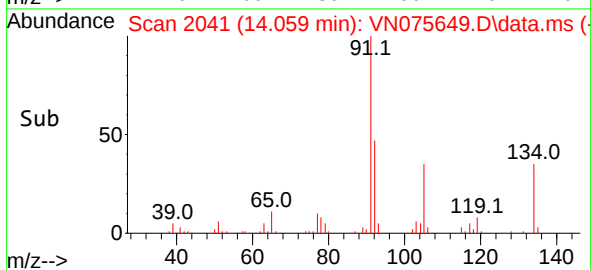
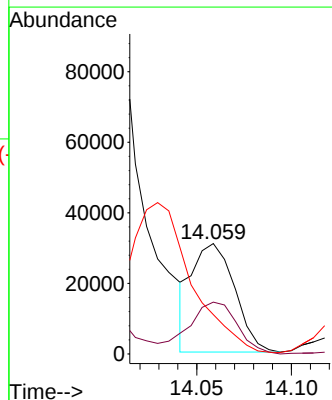
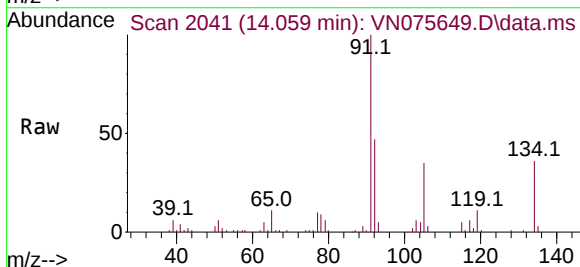
Instrument :
MSVOA_N
ClientSampleId :
INF1222

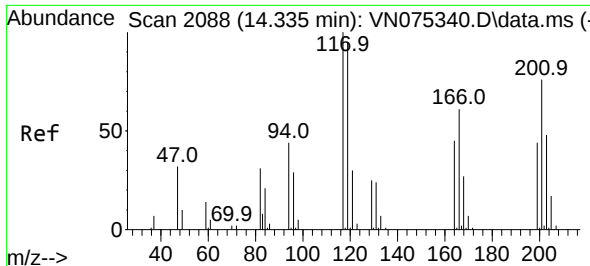
Tgt Ion:119 Resp: 15010
Ion Ratio Lower Upper
119 100
134 28.1 13.1 39.3
91 0.0 11.9 35.5#



#89
n-Butylbenzene
Concen: 6.324 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 91 Resp: 47883
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 0.0 13.0 39.0#

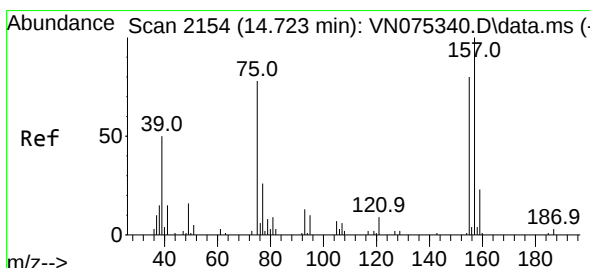
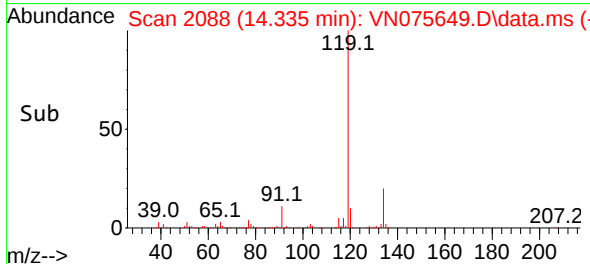
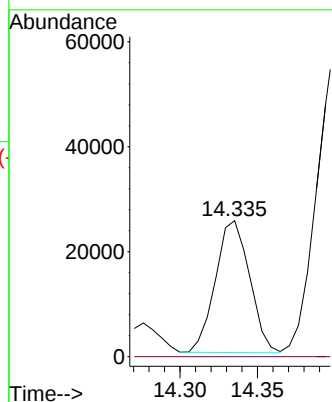
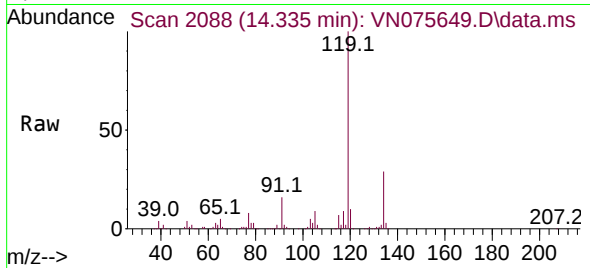




#90
Hexachloroethane
Concen: 24.906 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

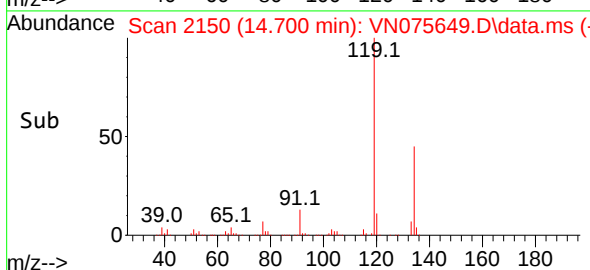
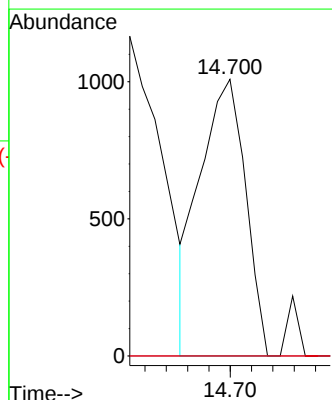
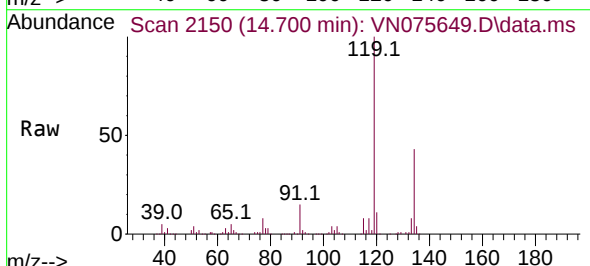
Instrument :
MSVOA_N
ClientSampleId :
INF1222

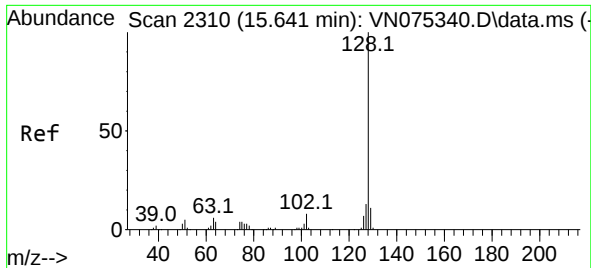
Tgt Ion:117 Resp: 38521
Ion Ratio Lower Upper
117 100
201 0.0 31.5 94.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.500 ug/l
RT: 14.700 min Scan# 2150
Delta R.T. -0.023 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 75 Resp: 1497
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.3#
157 0.0 51.7 155.1#





#95

Naphthalene

Concen: 135.478 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075649.D

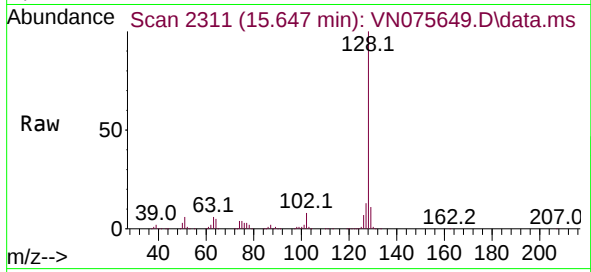
Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

INF1222



Tgt Ion:128 Resp: 1032486

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.6 12.8

