

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074276.D
 Acq On : 02 Sep 2022 05:45
 Operator : JC\MD
 Sample : N4354-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 08:40:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	187499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	362125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	339307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	181663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	147888	50.846	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.700%
35) Dibromofluoromethane	7.957	113	112603	47.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.380	98	433013	46.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.669	95	175169	62.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	124.140%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.281	50	1260	0.461	ug/l #	43
11) Tert butyl alcohol	5.281	59	335141	521.267	ug/l	99
13) Acrolein	3.999	56	296	0.460	ug/l #	16
15) Acrylonitrile	5.534	53	4213	2.005	ug/l #	12
16) Acetone	4.228	43	40135	20.650	ug/l	91
17) Carbon Disulfide	4.463	76	1414	0.226	ug/l #	75
18) Methyl Acetate	4.763	43	621	Below Cal	#	48
19) Methyl tert-butyl Ether	5.528	73	297547	36.592	ug/l	92
20) Methylene Chloride	5.004	84	55	Below Cal	#	9
22) Diisopropyl ether	6.404	45	44884	4.494	ug/l #	85
23) Vinyl Acetate	6.410	43	22830	2.707	ug/l #	68
25) 2-Butanone	7.263	43	28480	9.160	ug/l #	80
29) Tetrahydrofuran	7.616	42	795	0.402	ug/l #	40
31) Cyclohexane	8.028	56	13783	2.868	ug/l #	84
36) 1,1-Dichloropropene	8.010	75	16767	4.385	ug/l #	44
37) Ethyl Acetate	7.263	43	28480	4.454	ug/l #	68
38) Carbon Tetrachloride	8.016	117	19619	5.652	ug/l #	17
39) Methylcyclohexane	9.386	83	1608	0.358	ug/l #	72
40) Benzene	8.392	78	6103725	508.434	ug/l	99
41) Methacrylonitrile	7.587	41	637	0.216	ug/l #	20
42) 1,2-Dichloroethane	8.386	62	51590	12.076	ug/l	74
43) Isopropyl Acetate	8.469	43	8058	0.937	ug/l #	53
51) 4-Methyl-2-Pentanone	10.269	43	21923	3.514	ug/l	90
52) Toluene	10.445	92	196056	27.707	ug/l	99
53) t-1,3-Dichloropropene	10.439	75	3037	0.755	ug/l #	1
59) 2-Hexanone	11.075	43	5877	1.241	ug/l	98
67) Ethyl Benzene	11.780	91	2402632	175.350	ug/l	100
68) m/p-Xylenes	11.892	106	1100114	216.128	ug/l	97
69) o-Xylene	12.222	106	705864	139.172	ug/l	99
70) Styrene	12.216	104	38262	4.735	ug/l #	1
73) Isopropylbenzene	12.516	105	115842	7.446	ug/l	97
76) 1,2,3-Trichloropropane	12.669	75	101555	22.274	ug/l #	1
78) n-propylbenzene	12.857	91	287383	16.205	ug/l	95
79) 2-Chlorotoluene	12.957	91	31227	2.875	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	174013	13.753	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.669	75	101555	58.026	ug/l #	11

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 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

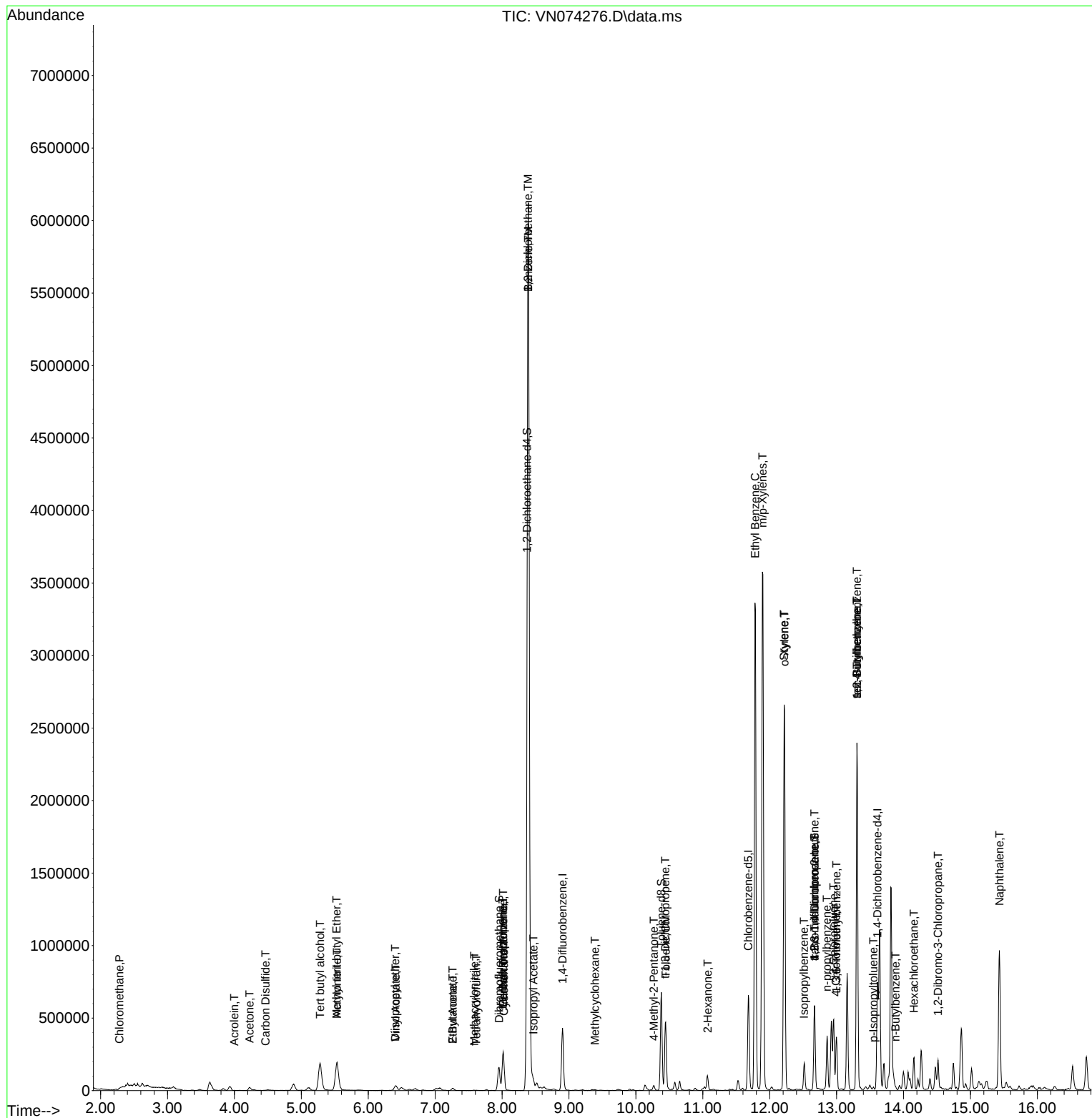
82) 4-Chlorotoluene	12.992	91	20613	1.961	ug/l #	40
83) tert-Butylbenzene	13.304	119	151975	14.042	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.304	105	1266351	103.703	ug/l	98
85) sec-Butylbenzene	13.304	105	1266351	83.410	ug/l #	56
86) p-Isopropyltoluene	13.551	119	6325	0.535	ug/l #	76
89) n-Butylbenzene	13.880	91	9361	0.910	ug/l #	76
90) Hexachloroethane	14.157	117	8883	3.647	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.515	75	1097	0.851	ug/l #	1
95) Naphthalene	15.433	128	793450	57.386	ug/l	99

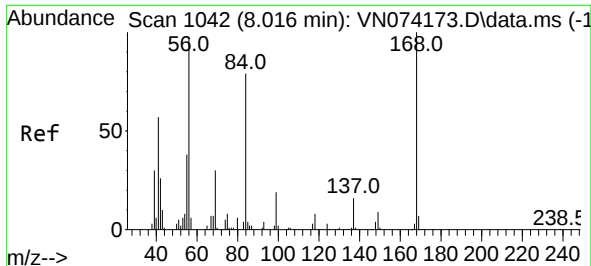
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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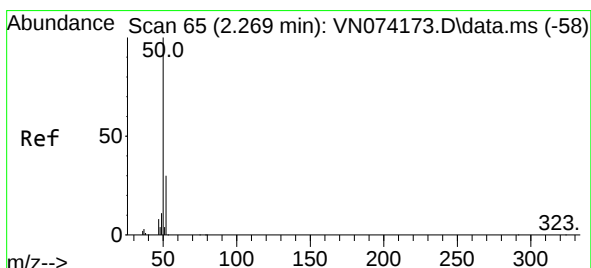
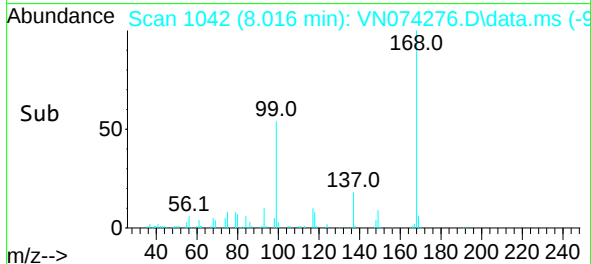
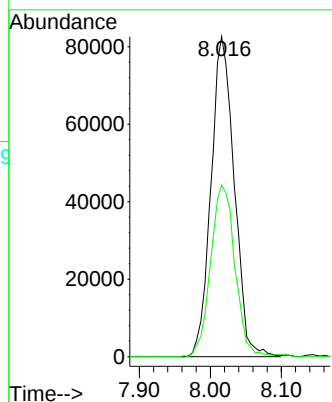
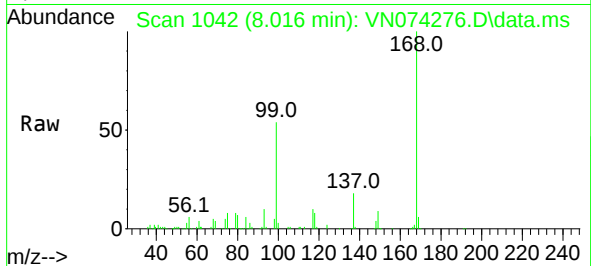




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

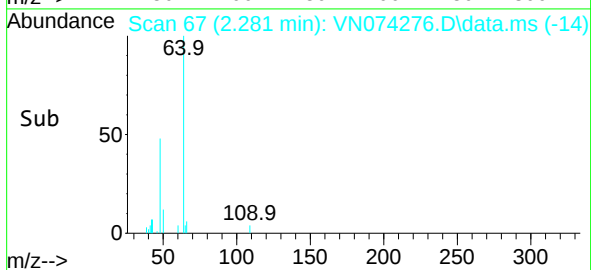
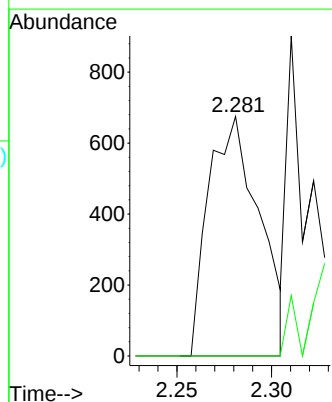
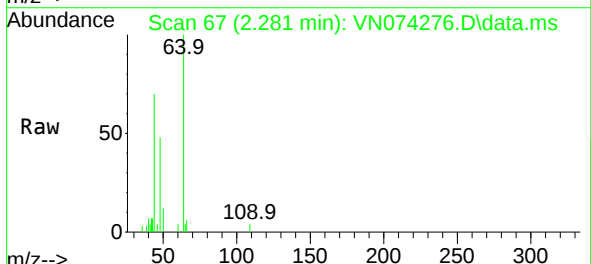
Instrument :
MSVOA_N
ClientSampleId :

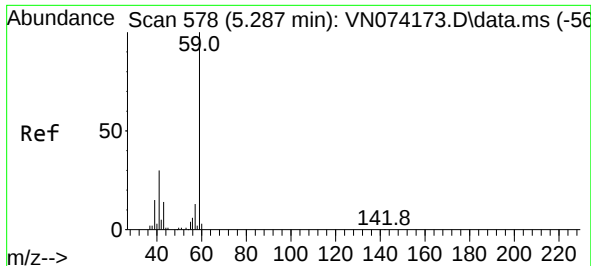
Tgt Ion:168 Resp: 187499
Ion Ratio Lower Upper
168 100
99 53.6 42.3 63.5



#3
Chloromethane
Concen: 0.461 ug/l
RT: 2.281 min Scan# 67
Delta R.T. 0.012 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 50 Resp: 1260
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#11

Tert butyl alcohol

Concen: 521.267 ug/l

RT: 5.281 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

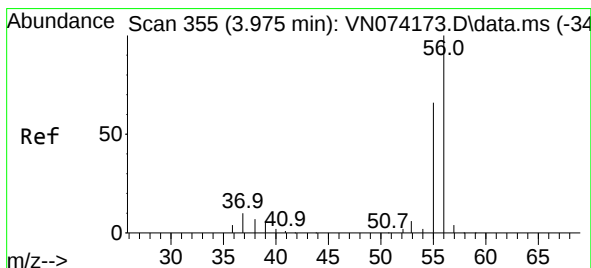
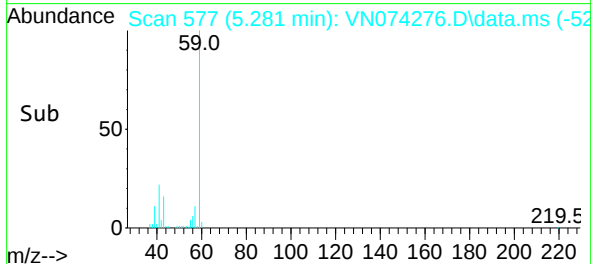
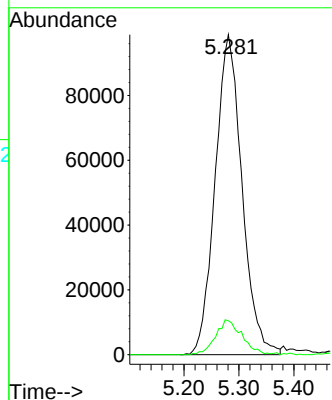
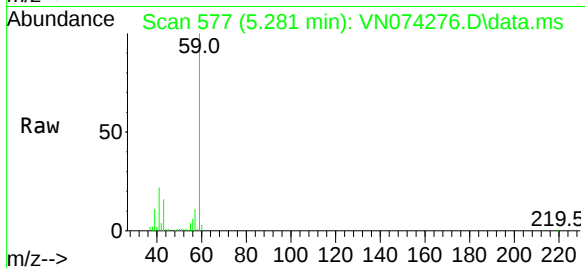
ClientSampleId :

Tgt Ion: 59 Resp: 335141

Ion Ratio Lower Upper

59 100

57 10.8 8.3 12.5



#13

Acrolein

Concen: 0.460 ug/l

RT: 3.999 min Scan# 359

Delta R.T. 0.024 min

Lab File: VN074276.D

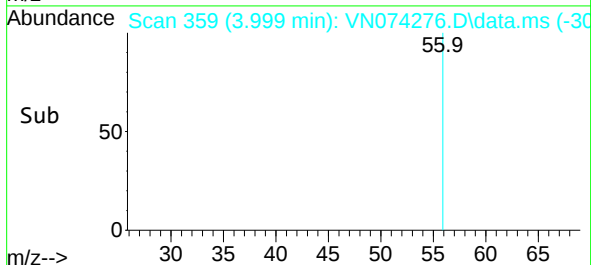
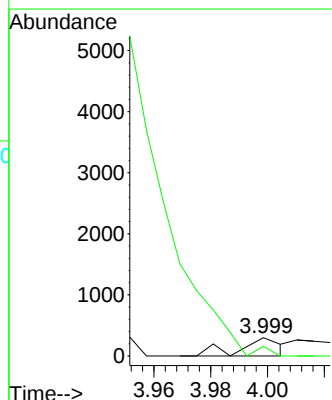
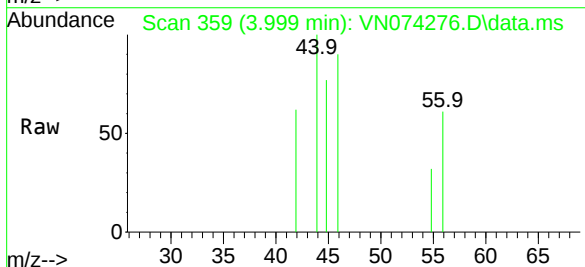
Acq: 02 Sep 2022 05:45

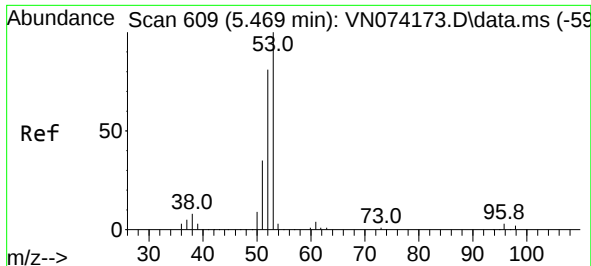
Tgt Ion: 56 Resp: 296

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#





#15

Acrylonitrile

Concen: 2.005 ug/l

RT: 5.534 min Scan# 61

Delta R.T. 0.065 min

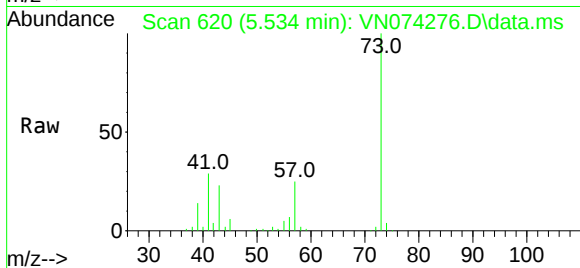
Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

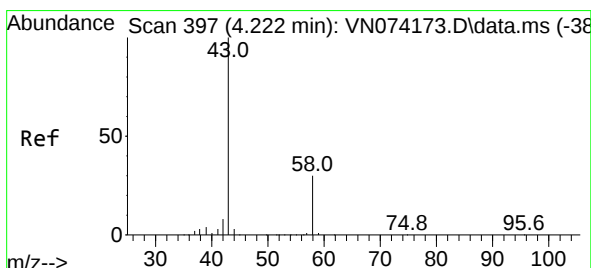
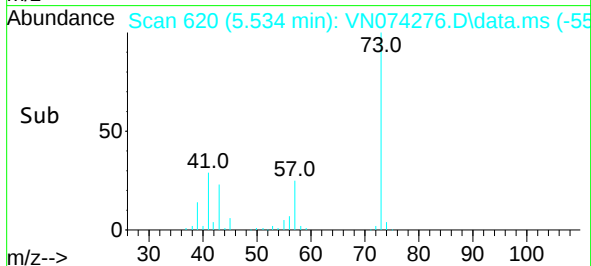
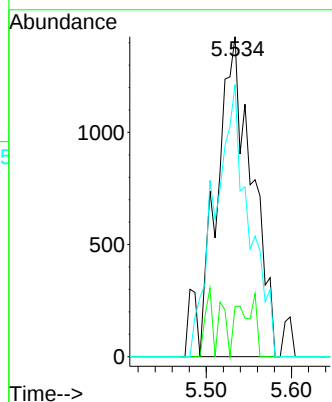
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 53	Resp:	4213
Ion	Ratio	Lower Upper
53	100	
52	0.0	66.4 99.6#
51	80.6	28.5 42.7#



#16

Acetone

Concen: 20.650 ug/l

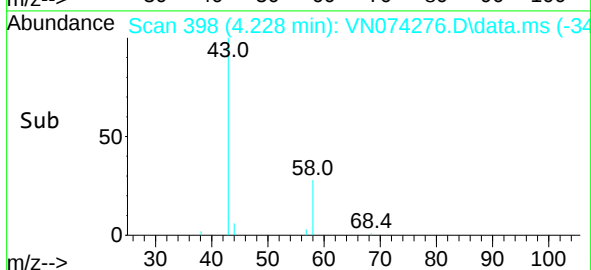
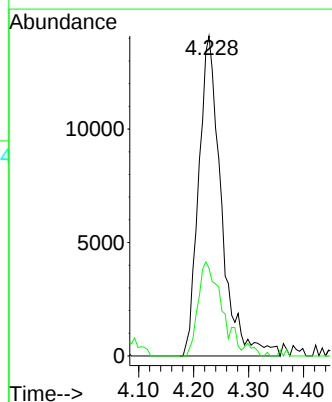
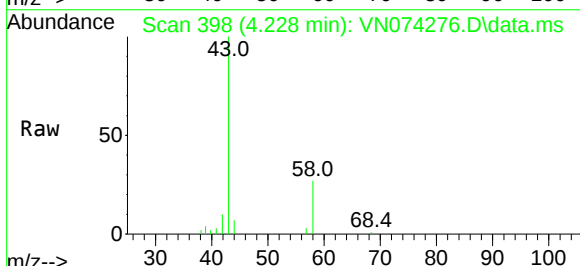
RT: 4.228 min Scan# 398

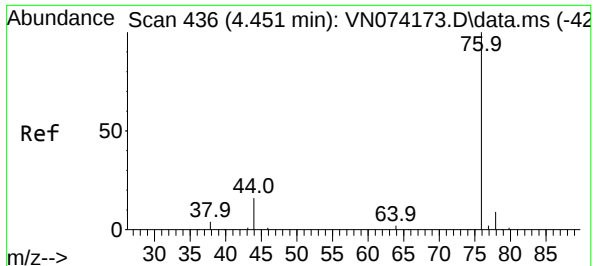
Delta R.T. 0.006 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

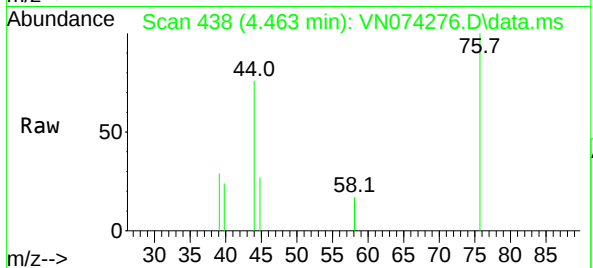
Tgt Ion: 43	Resp:	40135
Ion	Ratio	Lower Upper
43	100	
58	27.4	26.0 39.0



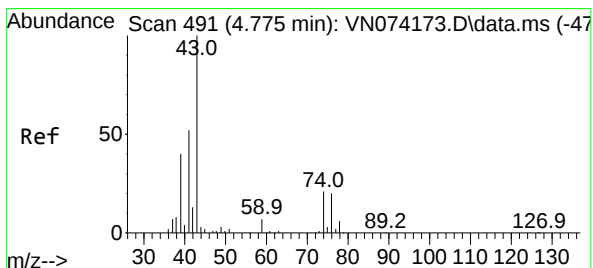
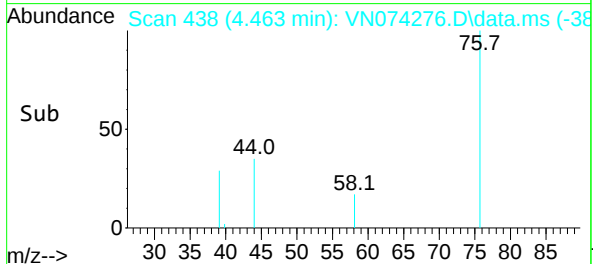
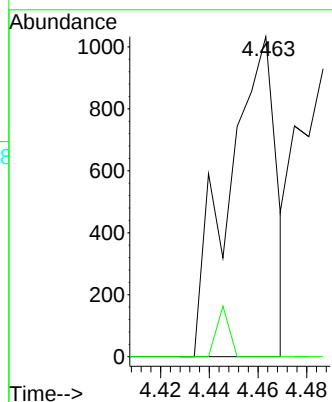


#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Instrument :
MSVOA_N
ClientSampleId :

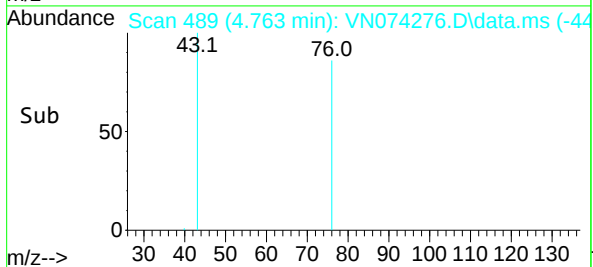
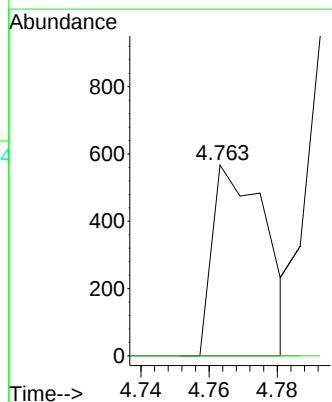
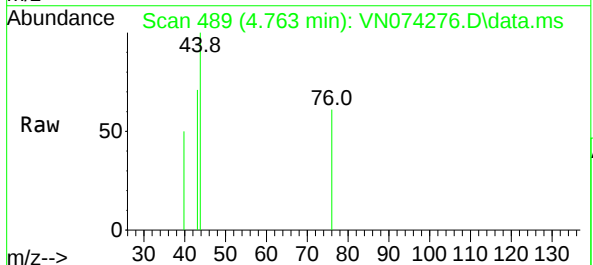


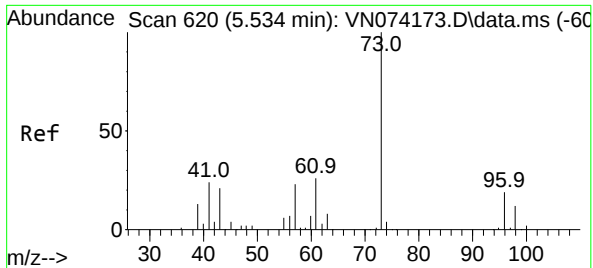
Tgt Ion: 76 Resp: 1414
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.763 min Scan# 489
Delta R.T. -0.012 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 36.592 ug/l

RT: 5.528 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

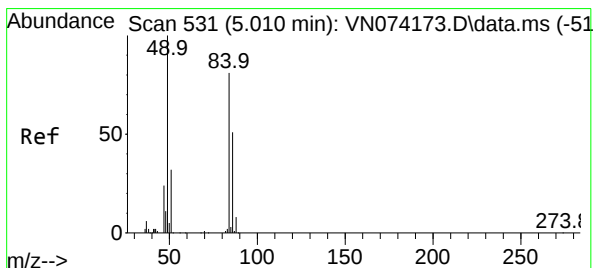
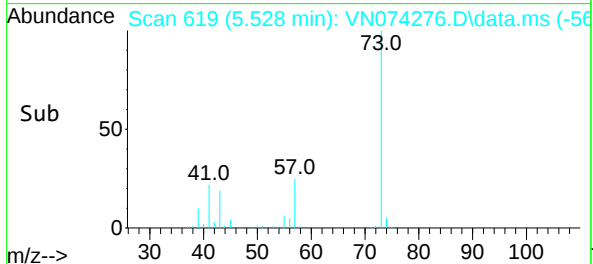
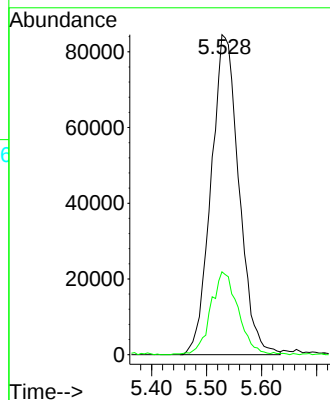
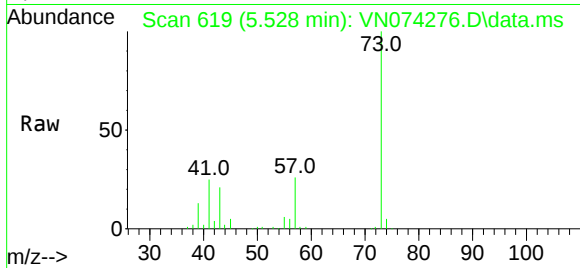
ClientSampleId :

Tgt Ion: 73 Resp: 297547

Ion Ratio Lower Upper

73 100

57 25.6 17.6 26.4



#20

Methylene Chloride

Concen: Below Cal

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Tgt Ion: 84 Resp: 55

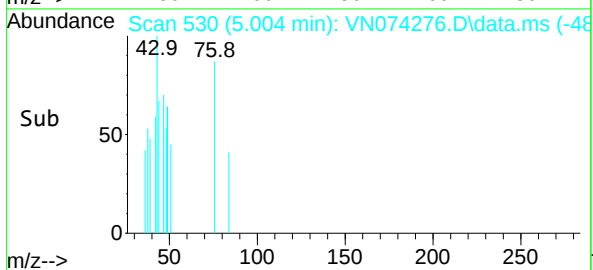
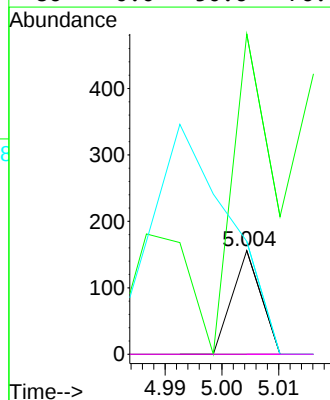
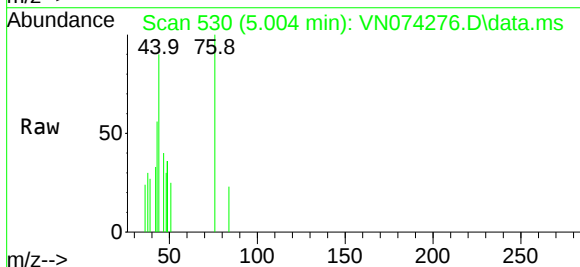
Ion Ratio Lower Upper

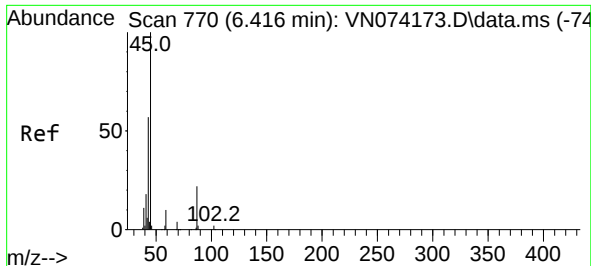
84 100

49 201.3 88.3 132.5#

51 109.0 28.2 42.2#

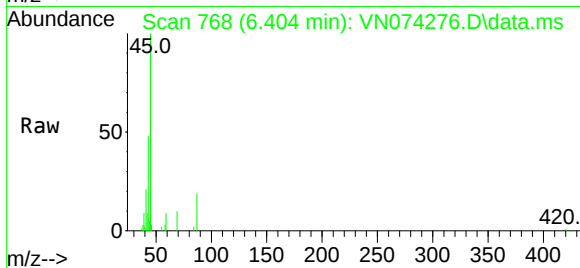
86 0.0 50.6 76.0#



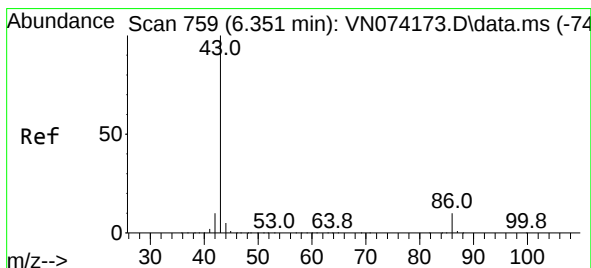
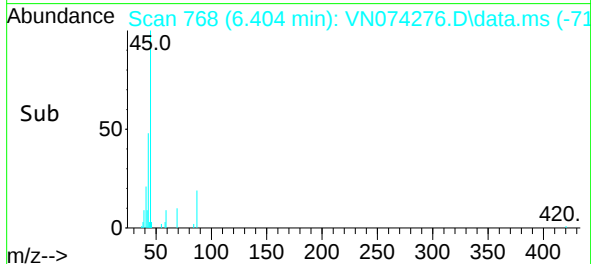
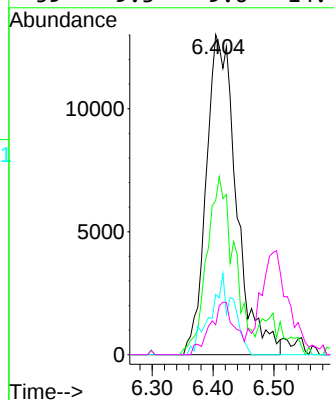


#22
Diisopropyl ether
Concen: 4.494 ug/l
RT: 6.404 min Scan# 770
Delta R.T. -0.012 min
Lab File: VN074276.D
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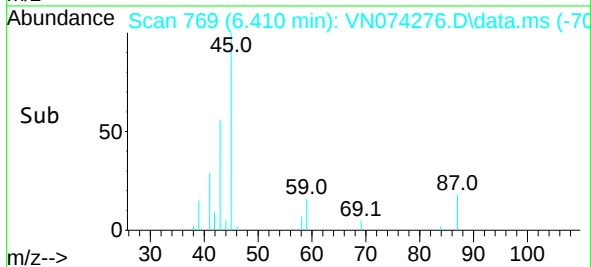
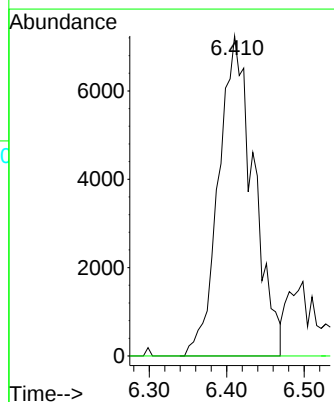
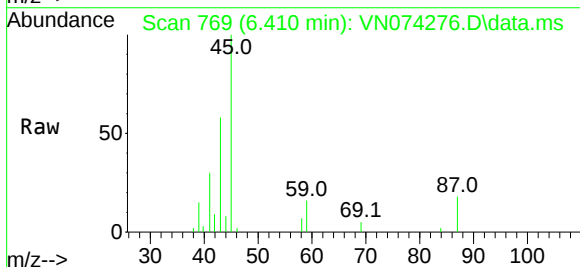


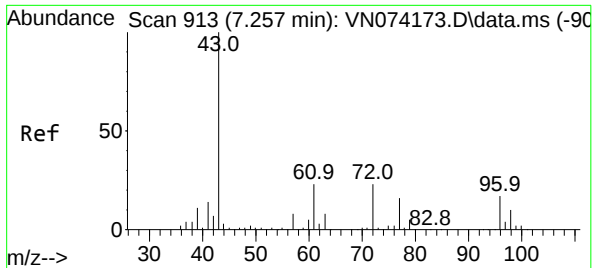
Tgt Ion: 45	Resp: 44884
Ion Ratio	Lower Upper
45 100	
43 48.2	46.6 70.0
87 18.8	24.3 36.5#
59 9.3	9.6 14.4#



#23
Vinyl Acetate
Concen: 2.707 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.059 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 43	Resp: 22830		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.0	15.0#	





#25

2-Butanone

Concen: 9.160 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

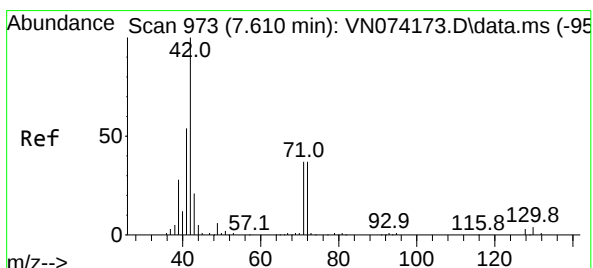
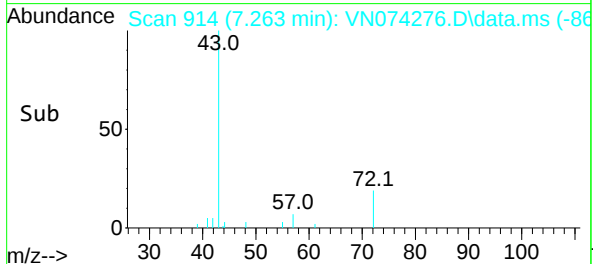
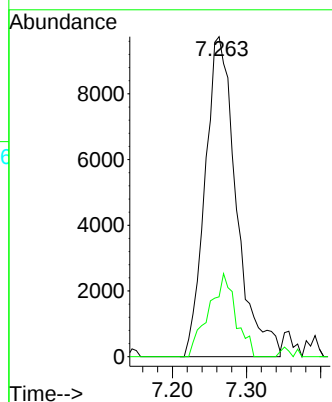
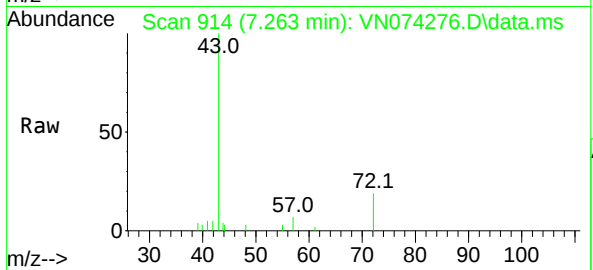
ClientSampleId :

Tgt Ion: 43 Resp: 28480

Ion Ratio Lower Upper

43 100

72 18.7 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.402 ug/l

RT: 7.616 min Scan# 974

Delta R.T. 0.006 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

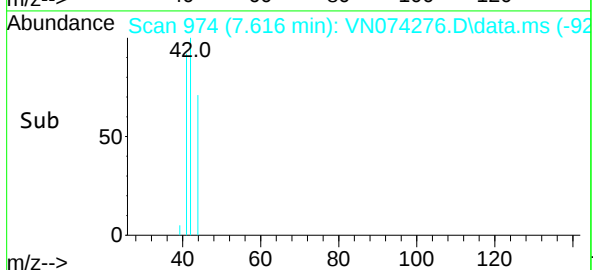
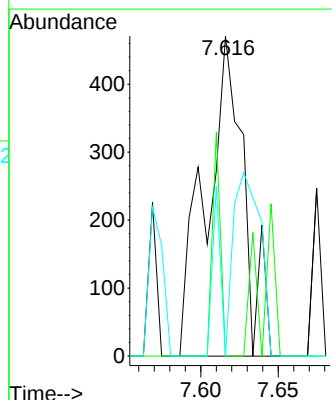
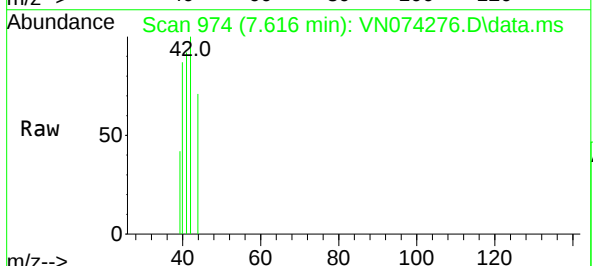
Tgt Ion: 42 Resp: 795

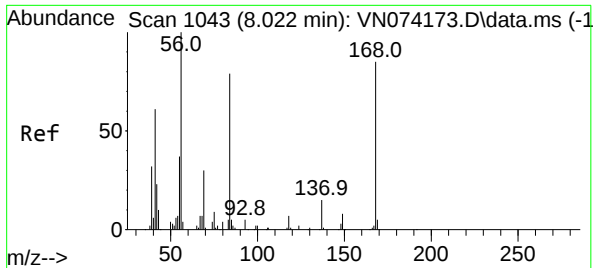
Ion Ratio Lower Upper

42 100

72 14.6 39.7 59.5#

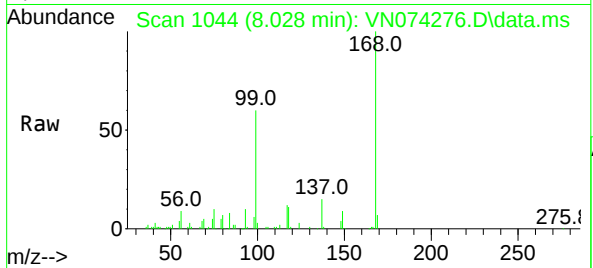
71 0.0 36.6 55.0#



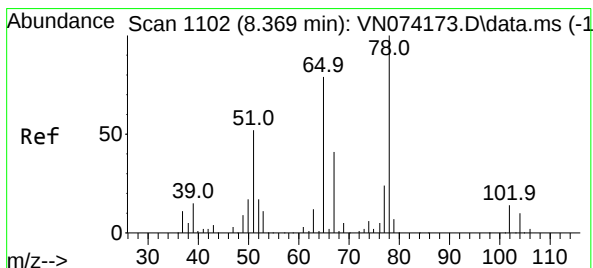
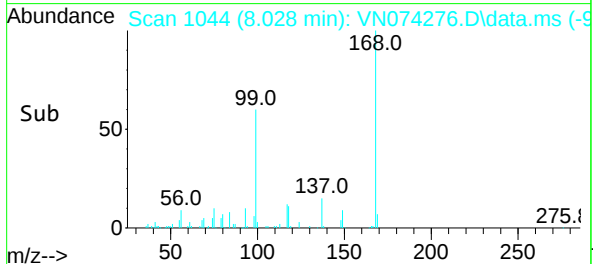
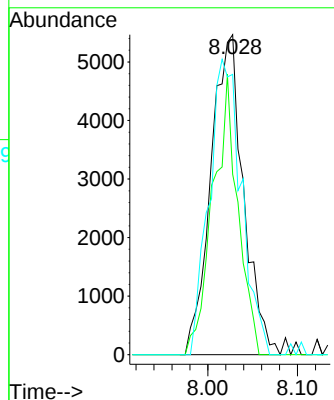


#31
Cyclohexane
Concen: 2.868 ug/l
RT: 8.028 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Instrument :
MSVOA_N
ClientSampleId :

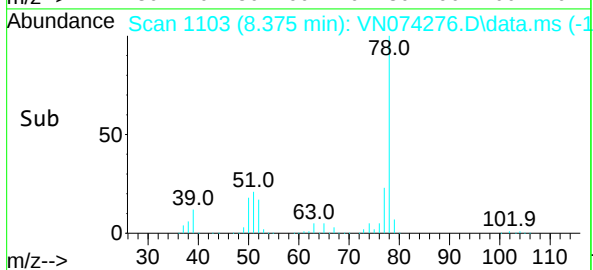
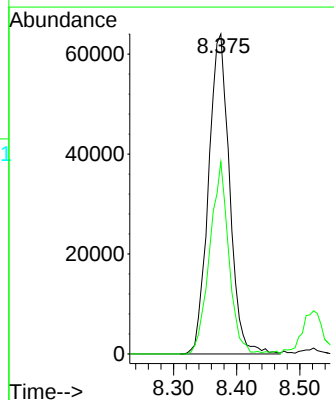
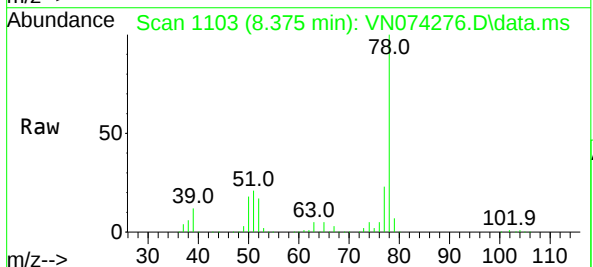


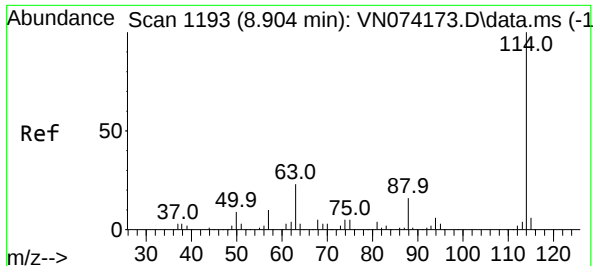
Tgt Ion: 56 Resp: 13783
Ion Ratio Lower Upper
56 100
69 56.3 27.8 41.8#
84 87.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.846 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 65 Resp: 147888
Ion Ratio Lower Upper
65 100
67 54.2 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: VN074276.D

Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

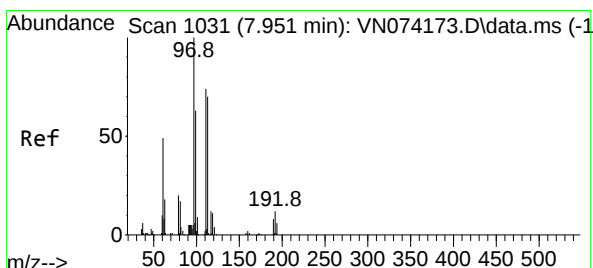
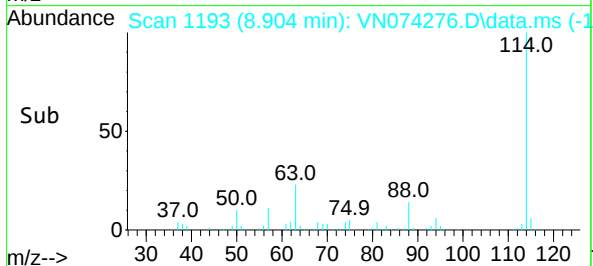
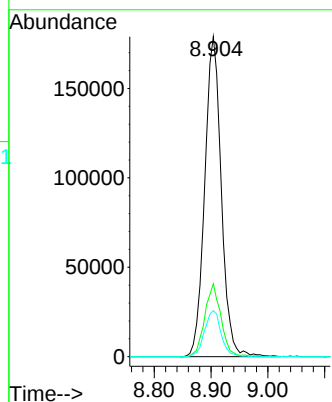
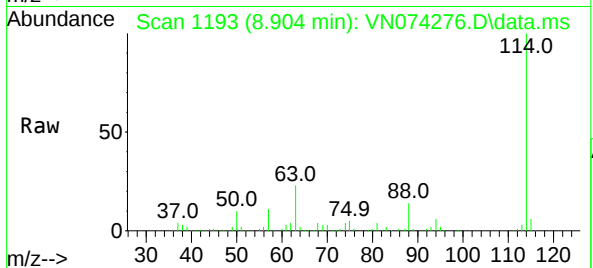
Tgt Ion:114 Resp: 362125

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.786 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

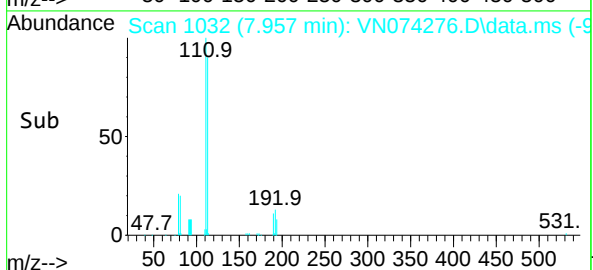
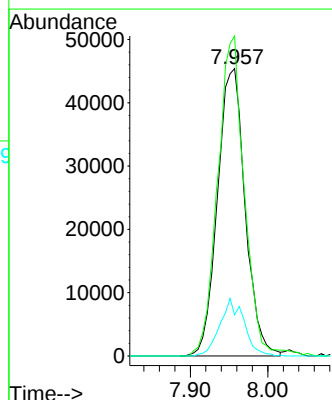
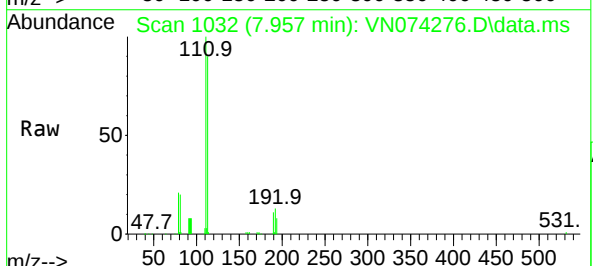
Tgt Ion:113 Resp: 112603

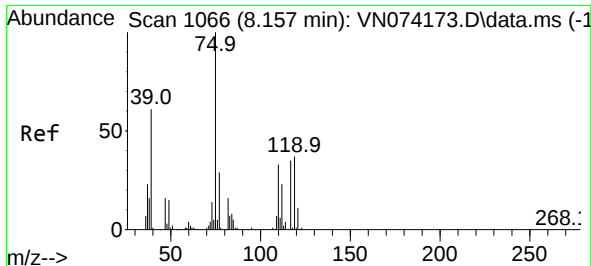
Ion Ratio Lower Upper

113 100

111 107.7 81.4 122.0

192 17.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.385 ug/l

RT: 8.010 min Scan# 1

Delta R.T. -0.147 min

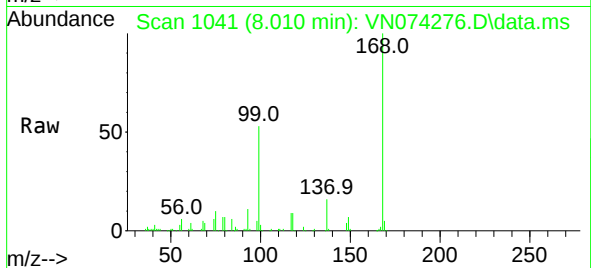
Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :



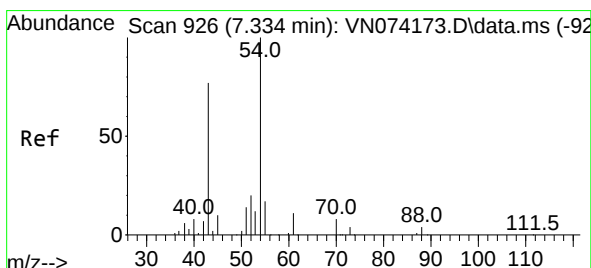
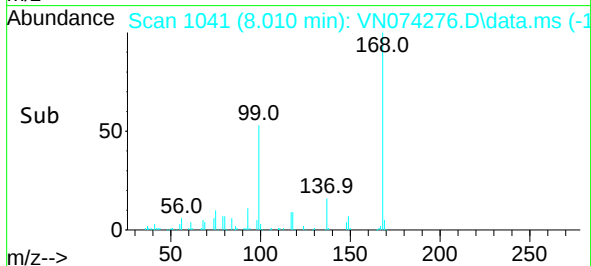
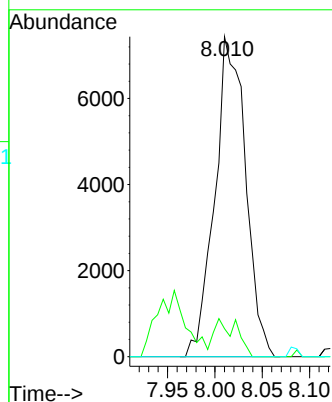
Tgt Ion: 75 Resp: 16767

Ion Ratio Lower Upper

75 100

110 4.0 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 4.454 ug/l

RT: 7.263 min Scan# 914

Delta R.T. -0.071 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

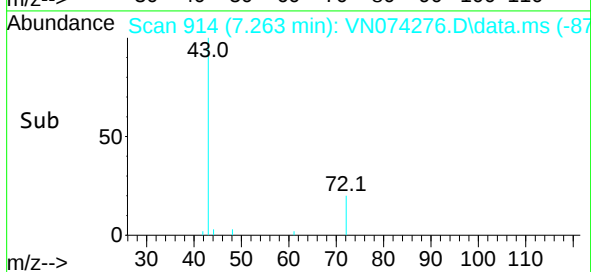
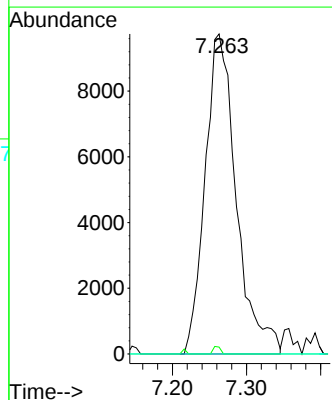
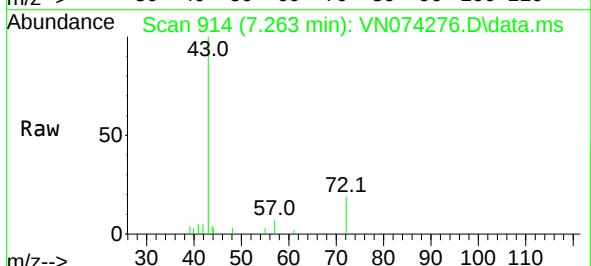
Tgt Ion: 43 Resp: 28480

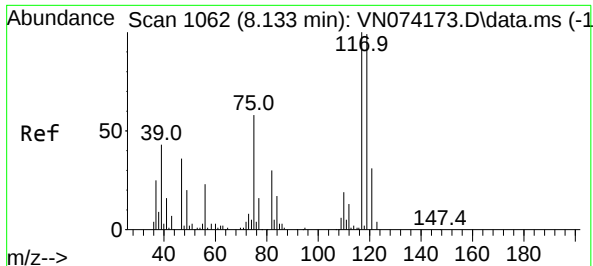
Ion Ratio Lower Upper

43 100

61 0.5 11.8 17.6#

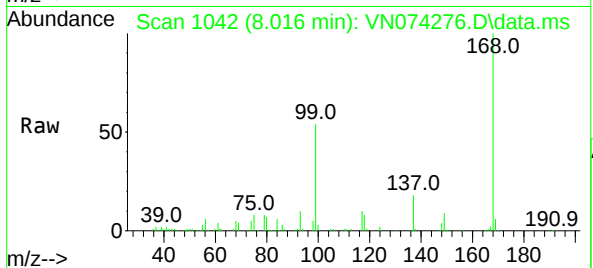
70 0.0 9.3 13.9#



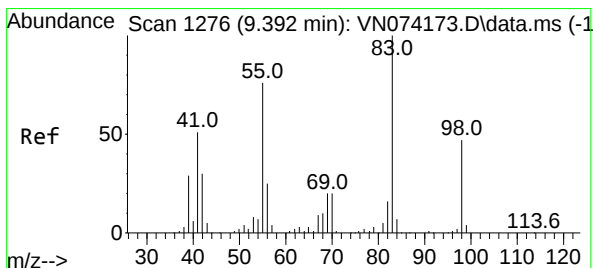
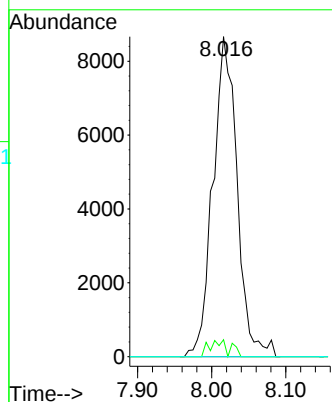
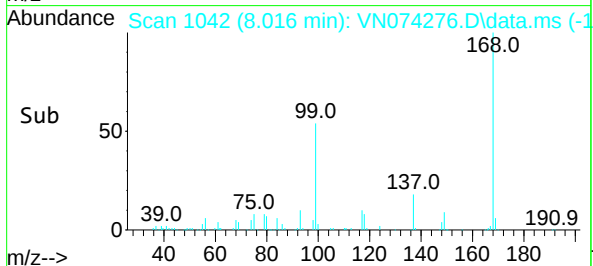


#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Instrument :
MSVOA_N
ClientSampleId :

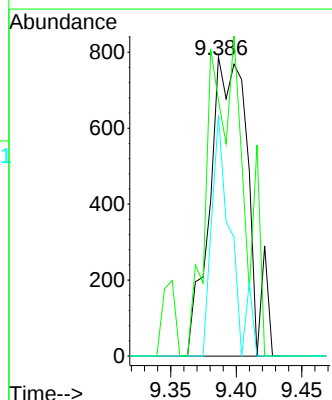
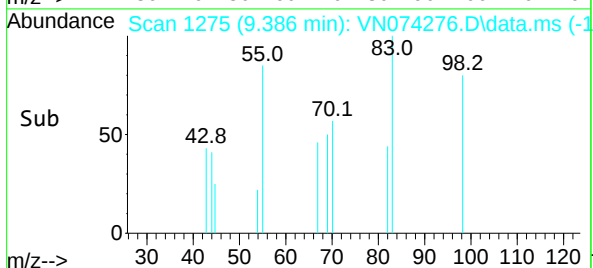
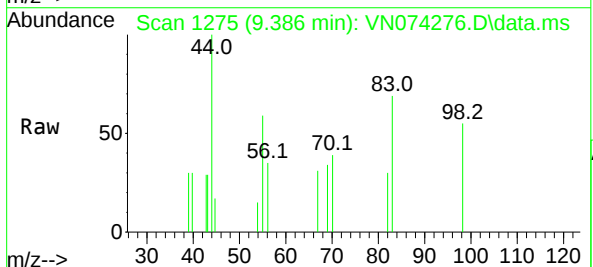


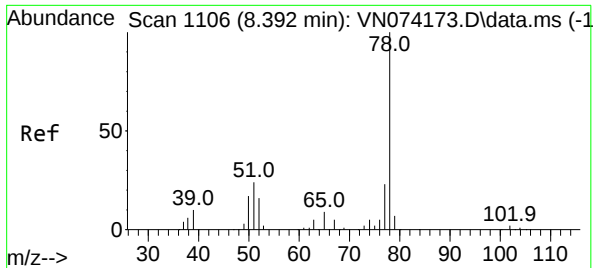
Tgt Ion:117 Resp: 19619
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.358 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 83 Resp: 1608
Ion Ratio Lower Upper
83 100
55 85.4 57.8 86.8
98 80.3 39.4 59.2#

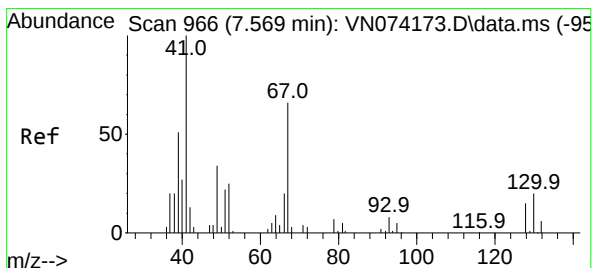
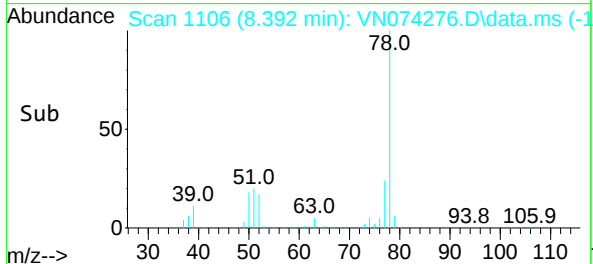
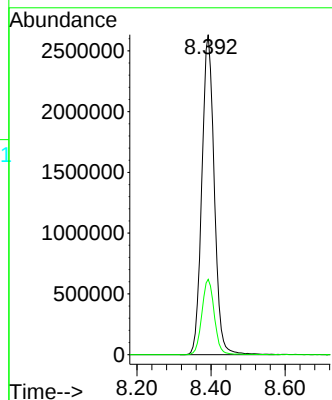
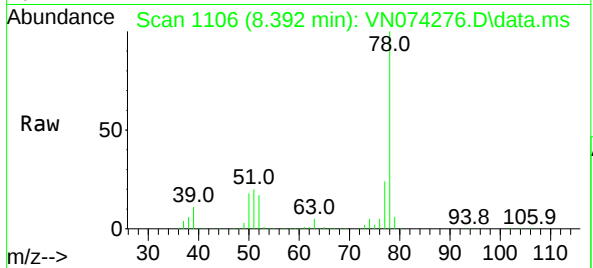




#40
Benzene
Concen: 508.434 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

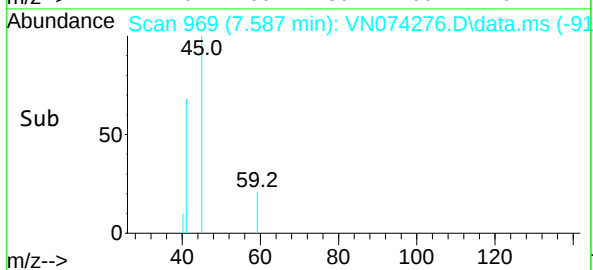
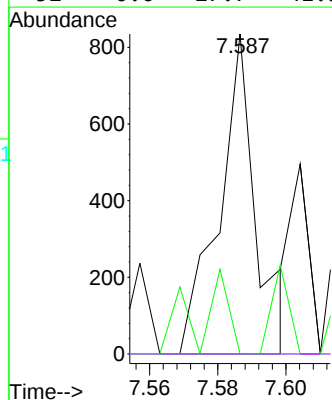
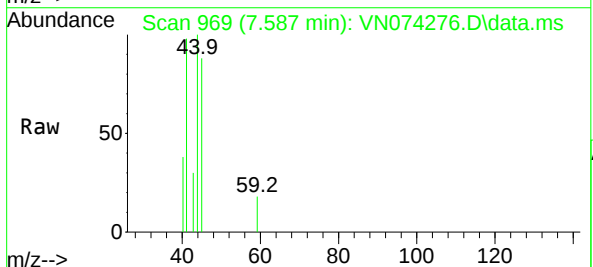
Instrument :
MSVOA_N
ClientSampleId :

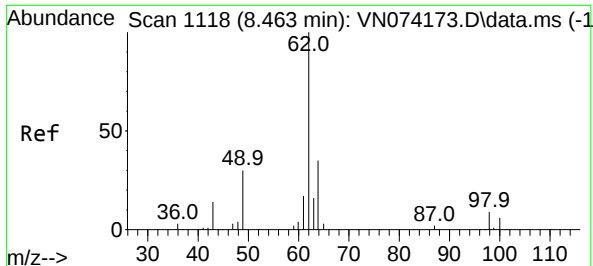
Tgt Ion: 78 Resp: 6103725
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0



#41
Methacrylonitrile
Concen: 0.216 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.018 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 41 Resp: 637
Ion Ratio Lower Upper
41 100
39 9.7 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 12.076 ug/l

RT: 8.386 min Scan# 1119

Delta R.T. -0.076 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

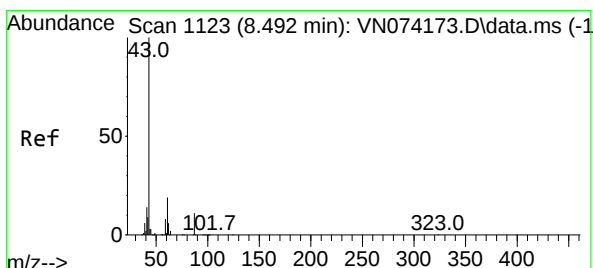
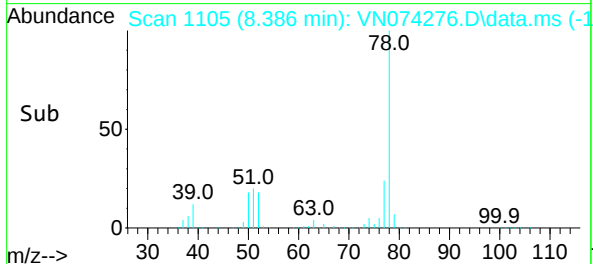
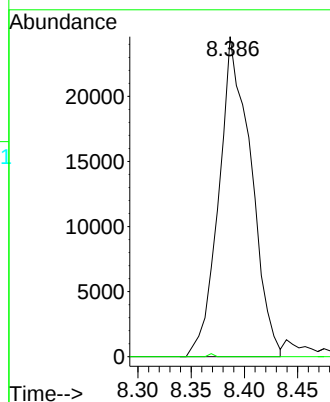
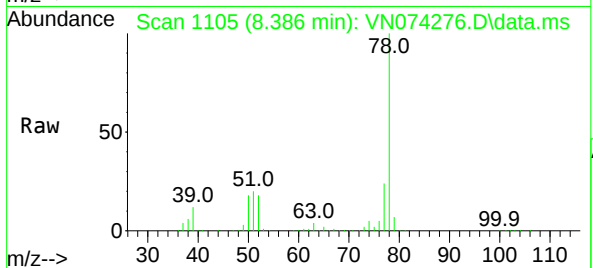
ClientSampleId :

Tgt Ion: 62 Resp: 51590

Ion Ratio Lower Upper

62 100

98 0.2 0.0 19.4



#43

Isopropyl Acetate

Concen: 0.937 ug/l

RT: 8.469 min Scan# 1119

Delta R.T. -0.023 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

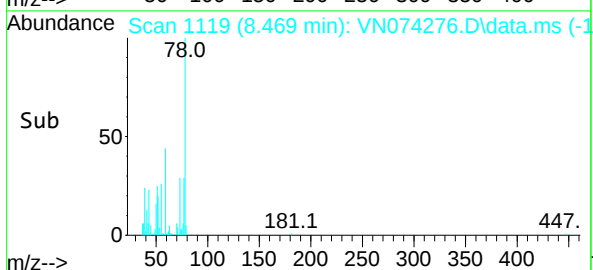
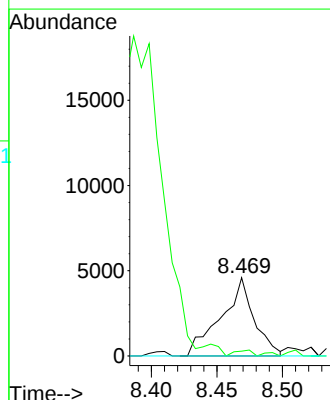
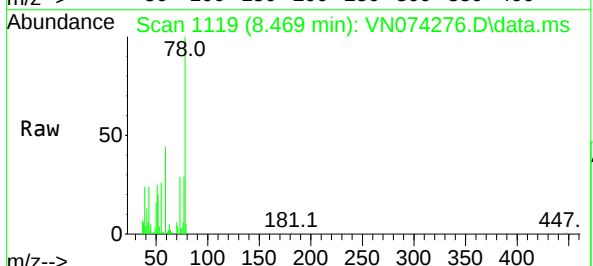
Tgt Ion: 43 Resp: 8058

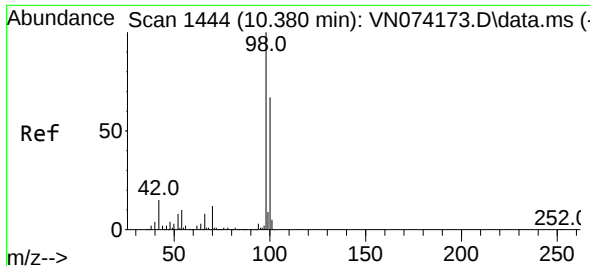
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

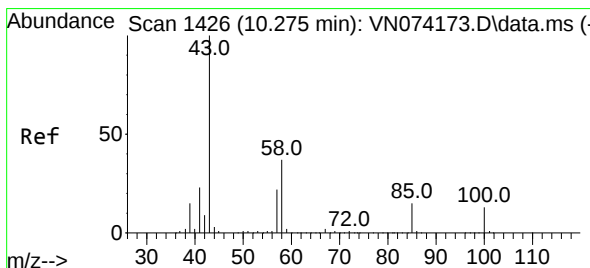
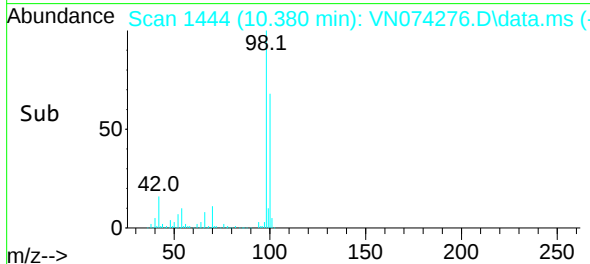
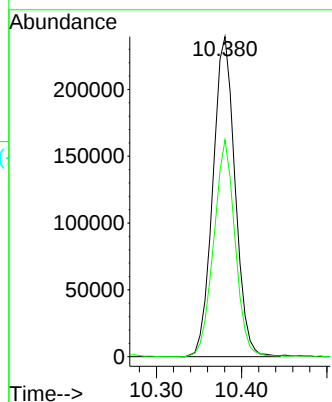
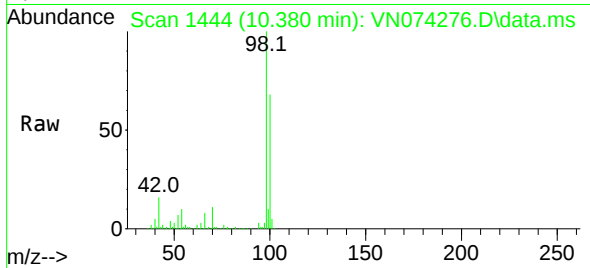




#50
Toluene-d8
Concen: 46.661 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

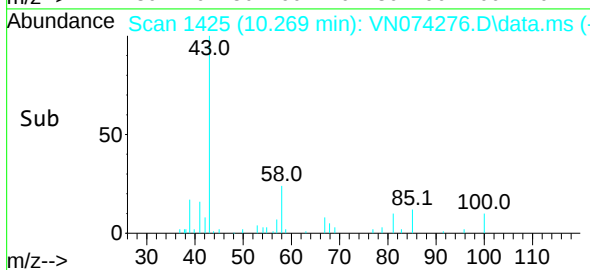
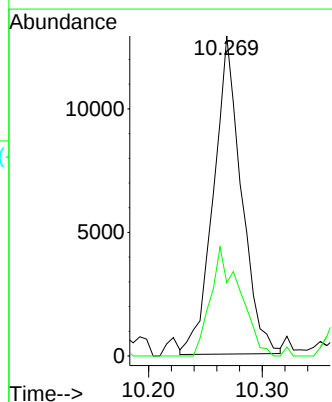
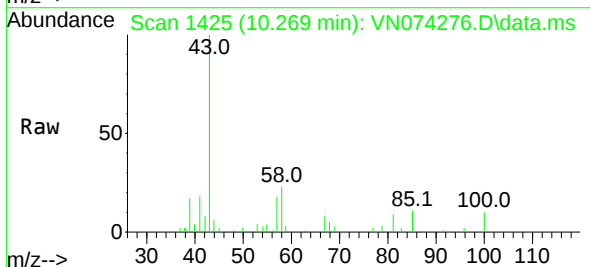
Instrument :
MSVOA_N
ClientSampleId :

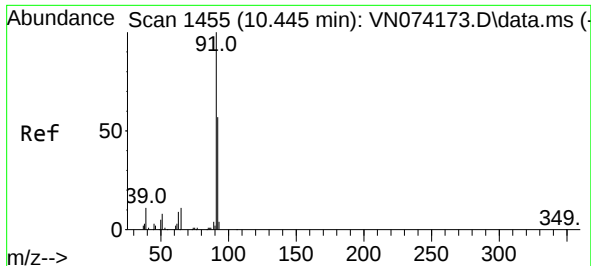
Tgt Ion: 98 Resp: 433013
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 3.514 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 43 Resp: 21923
Ion Ratio Lower Upper
43 100
58 36.0 34.1 51.1

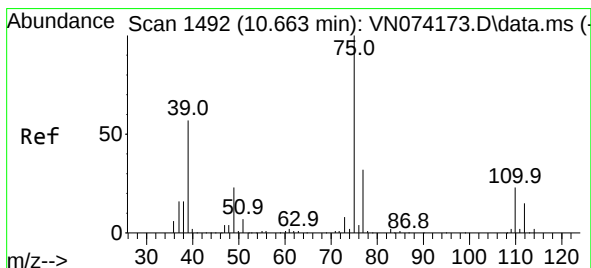
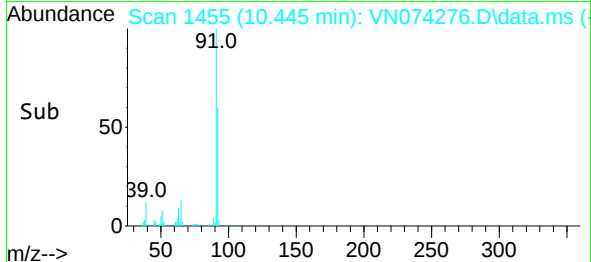
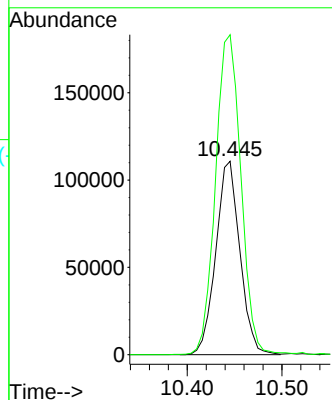
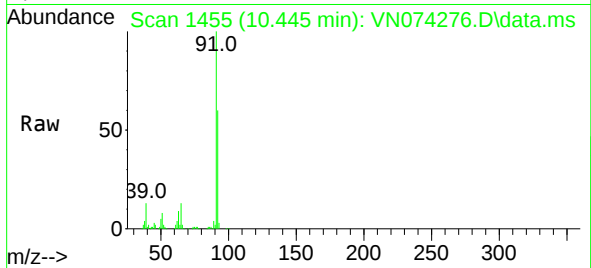




#52
Toluene
Concen: 27.707 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

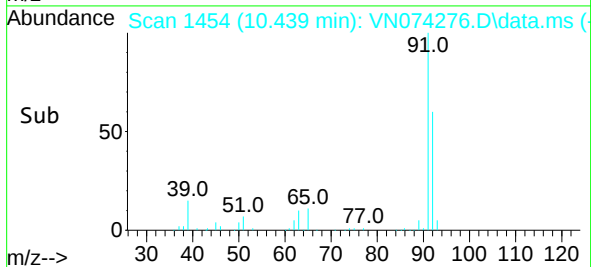
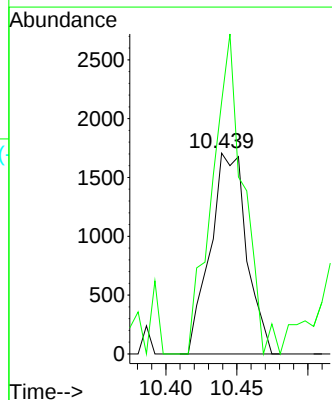
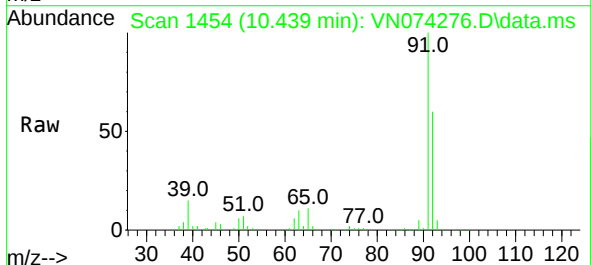
Instrument :
MSVOA_N
ClientSampleId :

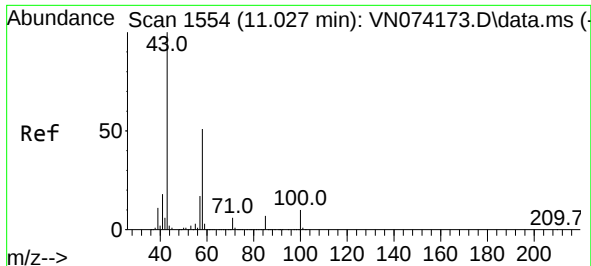
Tgt Ion: 92 Resp: 196056
Ion Ratio Lower Upper
92 100
91 175.1 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 0.755 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.223 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 75 Resp: 3037
Ion Ratio Lower Upper
75 100
77 125.6 25.6 38.4#

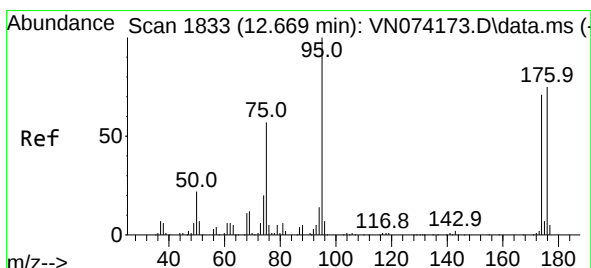
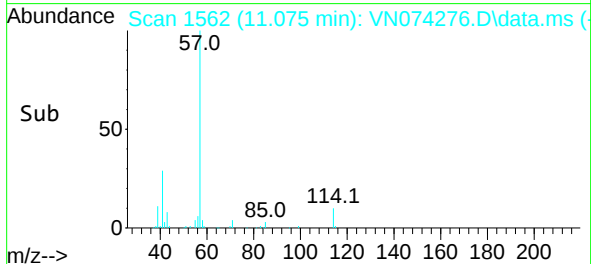
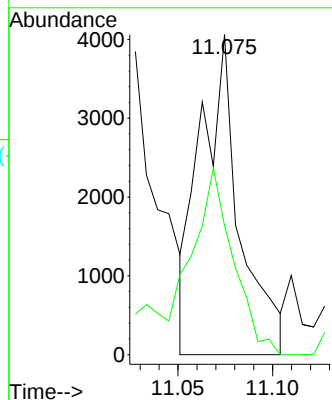
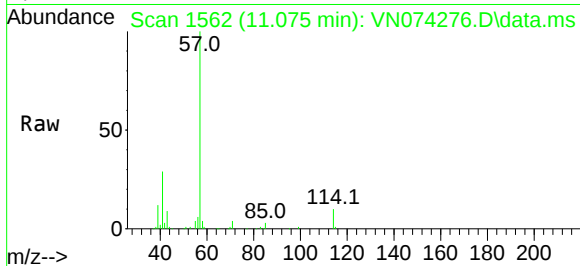




#59
2-Hexanone
Concen: 1.241 ug/l
RT: 11.075 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

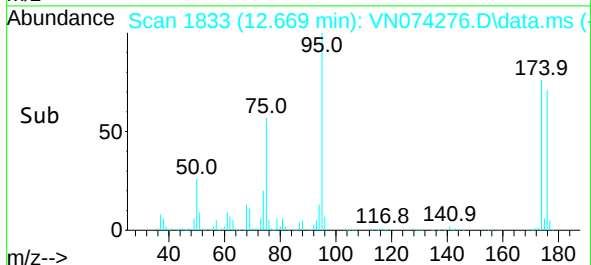
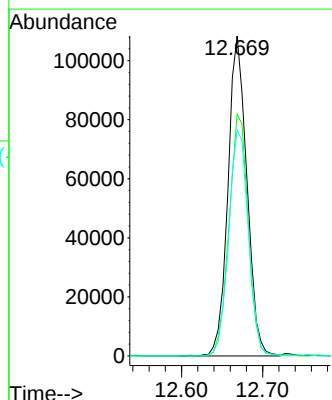
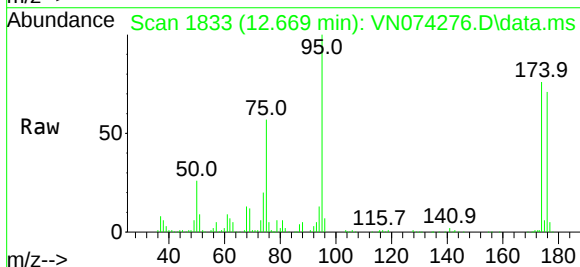
Instrument :
MSVOA_N
ClientSampleId :

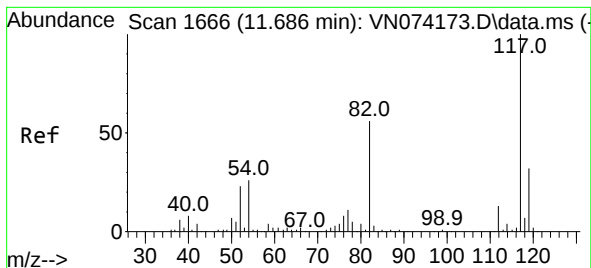
Tgt Ion: 43 Resp: 5877
Ion Ratio Lower Upper
43 100
58 60.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 62.071 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 95 Resp: 175169
Ion Ratio Lower Upper
95 100
174 76.7 0.0 167.6
176 73.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

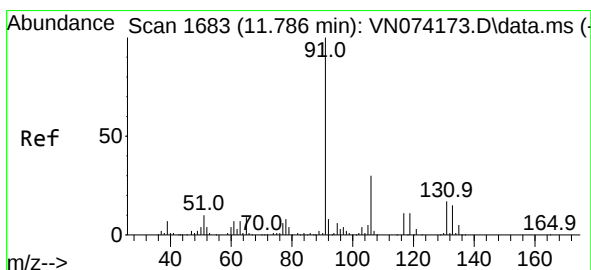
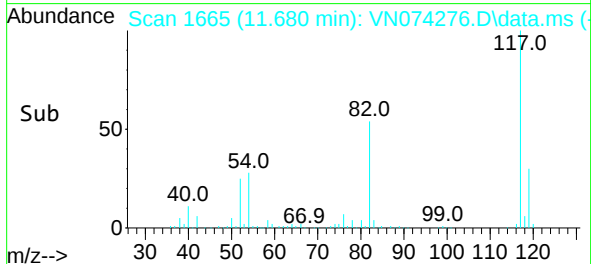
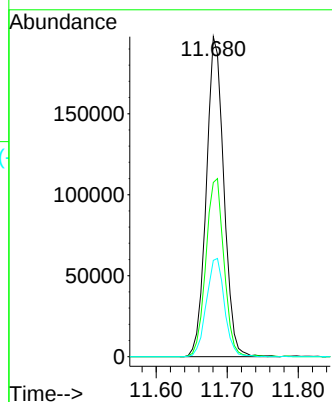
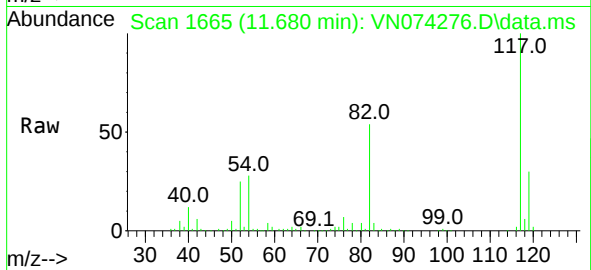
Tgt Ion:117 Resp: 339307

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

119 30.1 25.4 38.0



#67

Ethyl Benzene

Concen: 175.350 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. -0.006 min

Lab File: VN074276.D

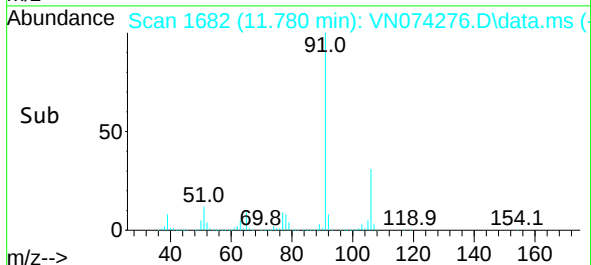
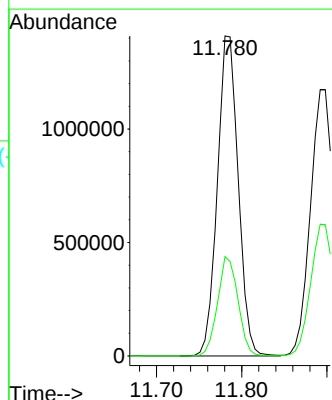
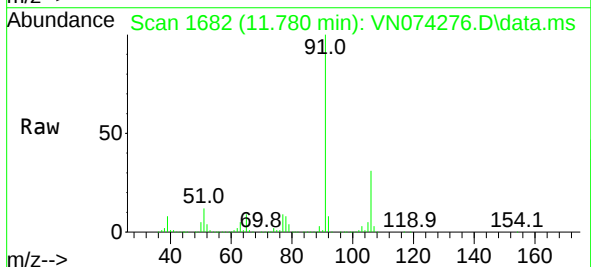
Acq: 02 Sep 2022 05:45

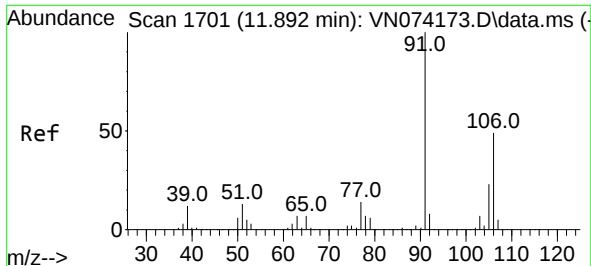
Tgt Ion: 91 Resp: 2402632

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3

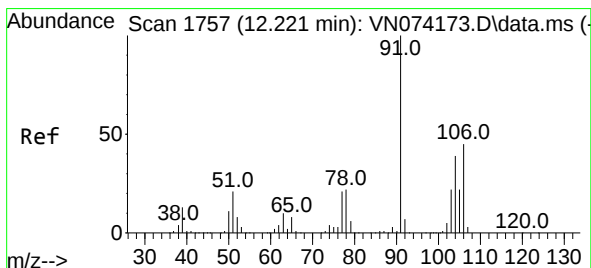
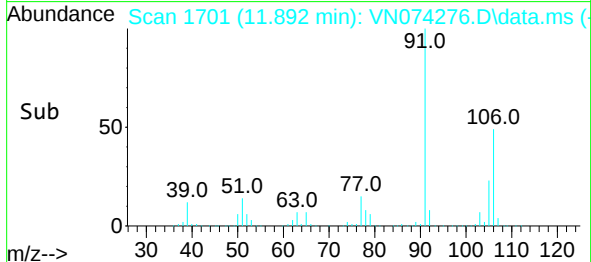
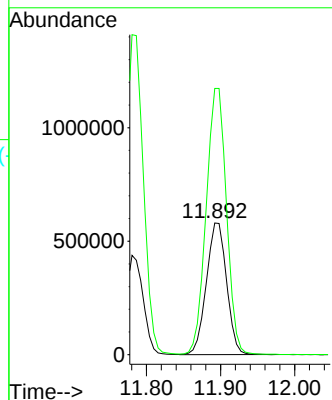
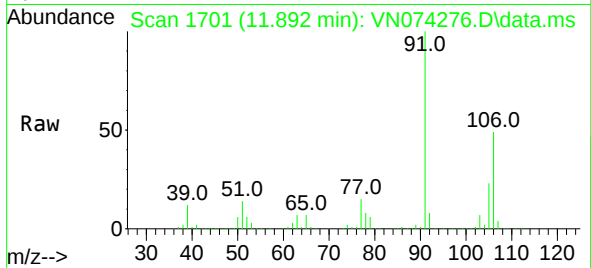




#68
m/p-Xylenes
Concen: 216.128 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

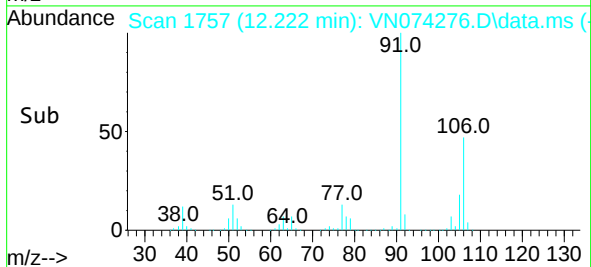
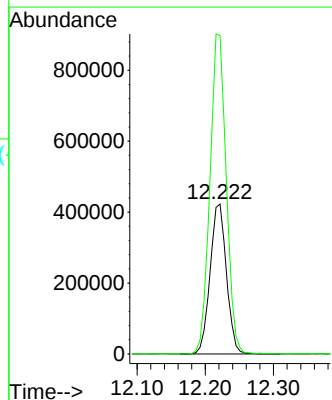
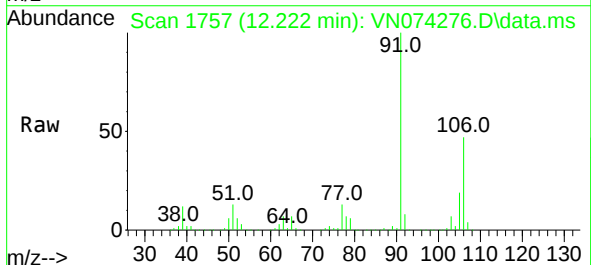
Instrument :
MSVOA_N
ClientSampleId :

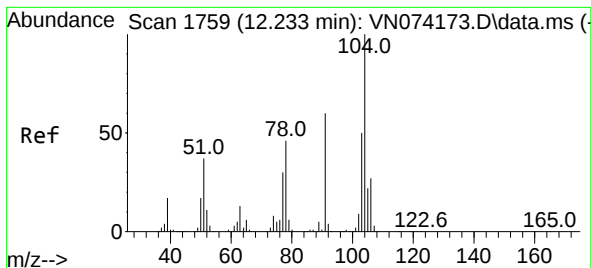
Tgt Ion:106 Resp: 1100114
Ion Ratio Lower Upper
106 100
91 203.2 158.9 238.3



#69
o-Xylene
Concen: 139.172 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion:106 Resp: 705864
Ion Ratio Lower Upper
106 100
91 213.0 106.0 318.0





#70

Styrene

Concen: 4.735 ug/l

RT: 12.216 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN074276.D

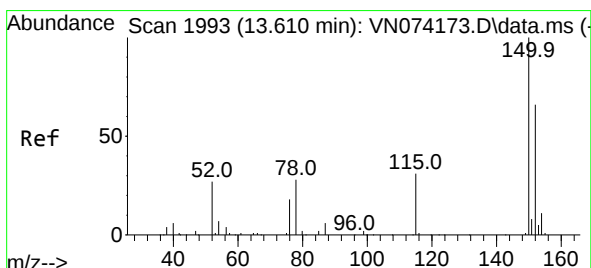
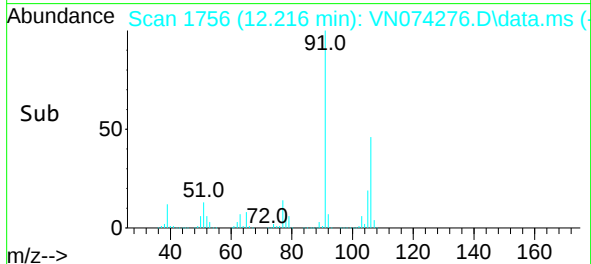
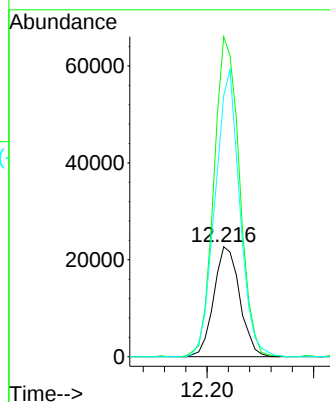
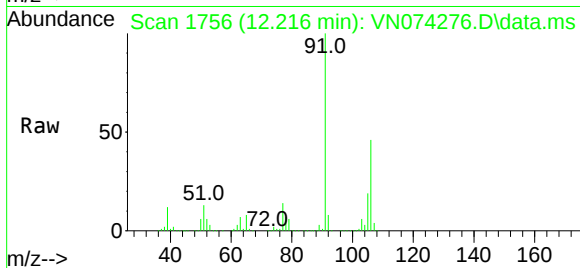
Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	38262
Ion Ratio	Lower	Upper
104	100	
78	287.2	39.5 59.3#
103	248.9	44.0 66.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

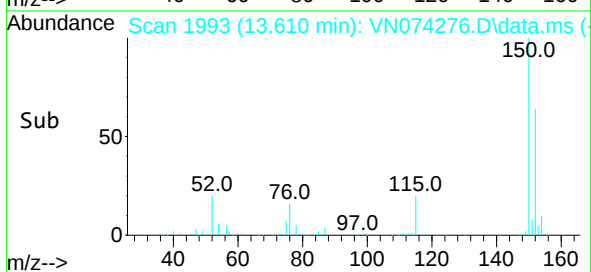
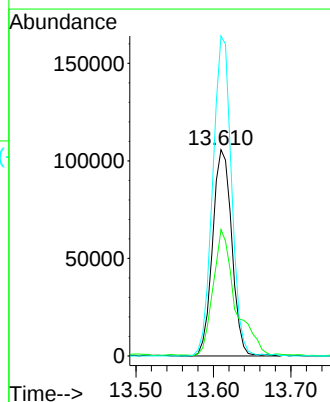
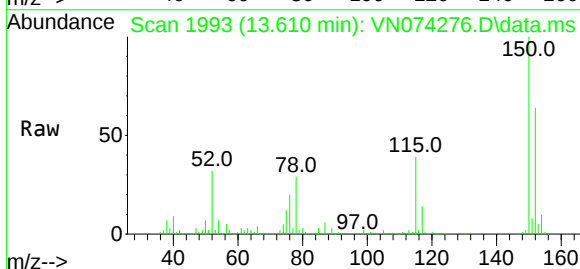
RT: 13.610 min Scan# 1993

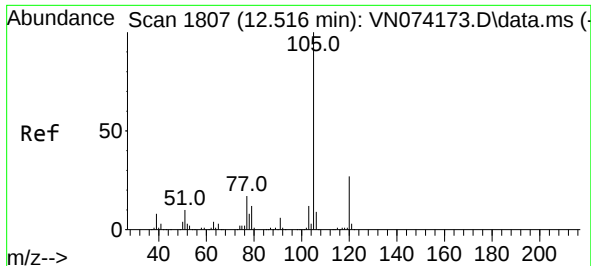
Delta R.T. -0.000 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

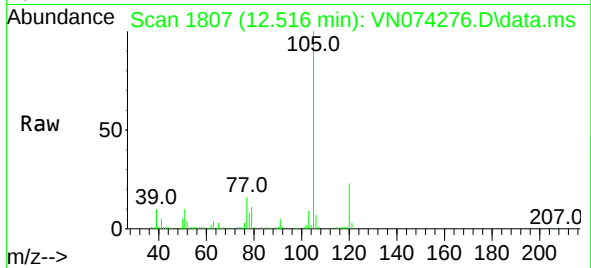
Tgt Ion:152	Resp:	181663
Ion Ratio	Lower	Upper
152	100	
115	72.9	28.9 86.7
150	152.0	0.0 356.2



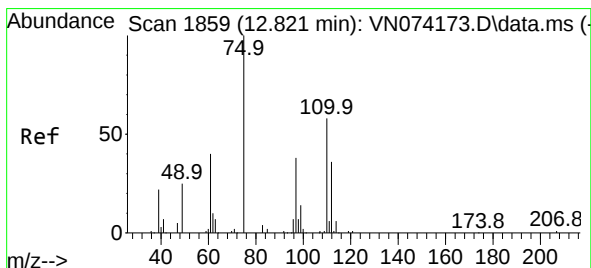
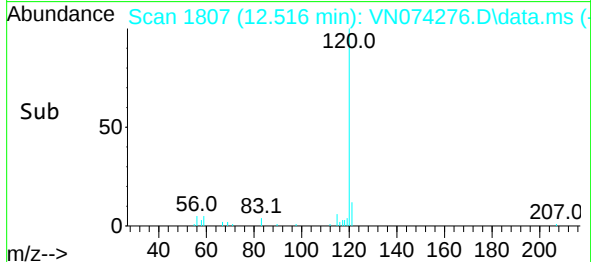
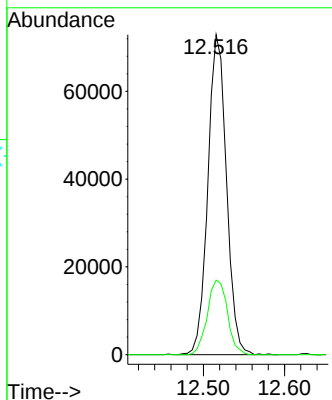


#73
Isopropylbenzene
Concen: 7.446 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Instrument :
MSVOA_N
ClientSampleId :

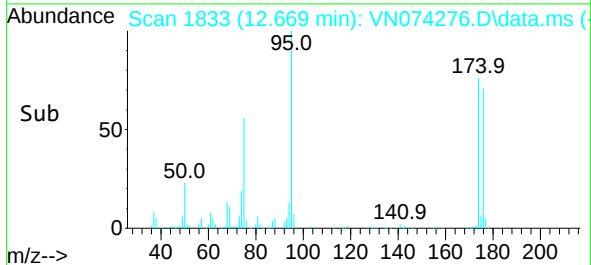
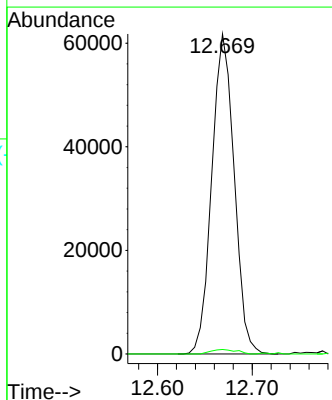
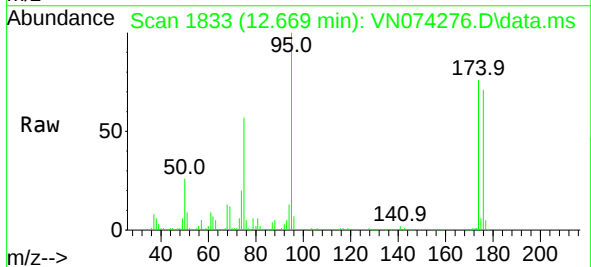


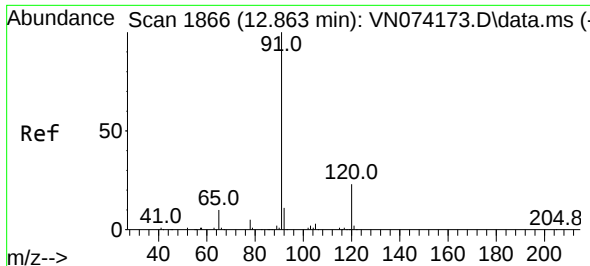
Tgt Ion:105 Resp: 115842
Ion Ratio Lower Upper
105 100
120 25.2 13.5 40.4



#76
1,2,3-Trichloropropane
Concen: 22.274 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 75 Resp: 101555
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#

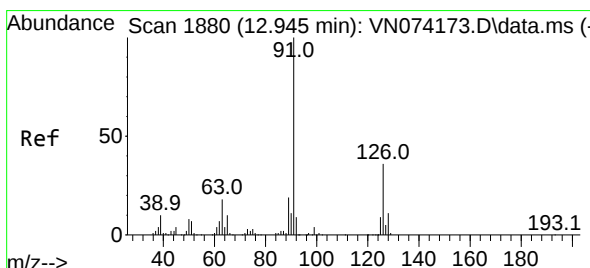
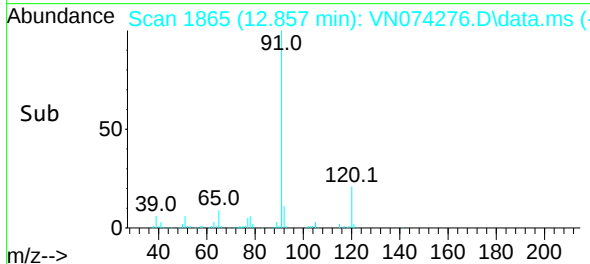
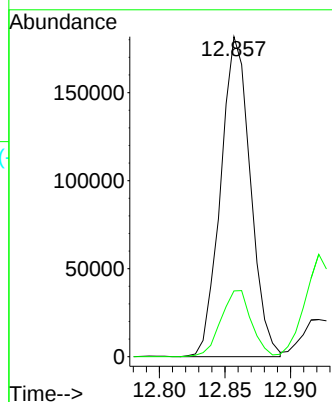
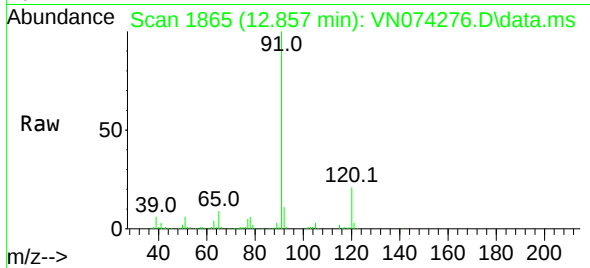




#78
n-propylbenzene
Concen: 16.205 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

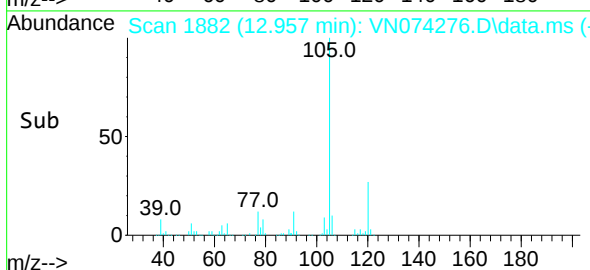
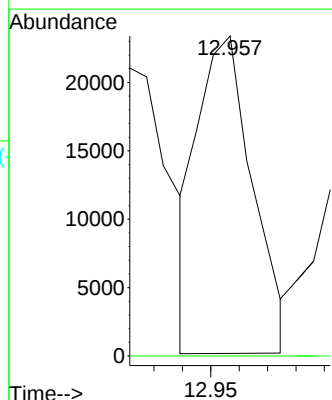
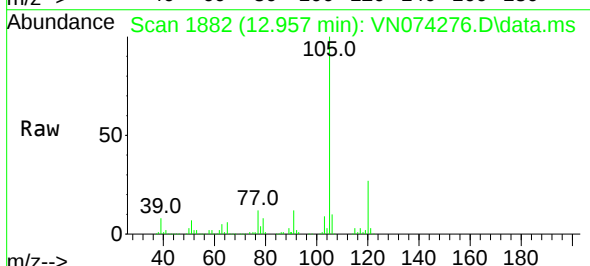
Instrument :
MSVOA_N
ClientSampleId :

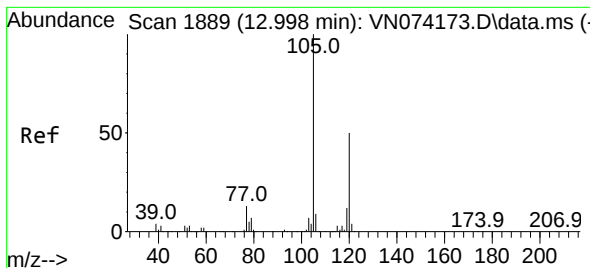
Tgt Ion: 91 Resp: 287383
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5



#79
2-Chlorotoluene
Concen: 2.875 ug/l
RT: 12.957 min Scan# 1882
Delta R.T. 0.012 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 91 Resp: 31227
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 13.753 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

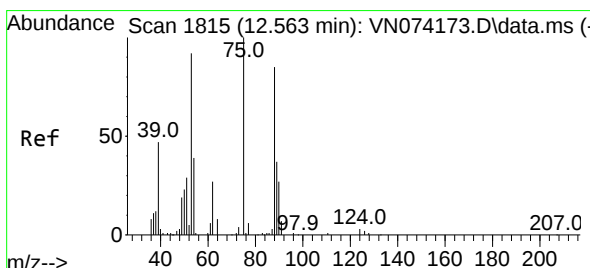
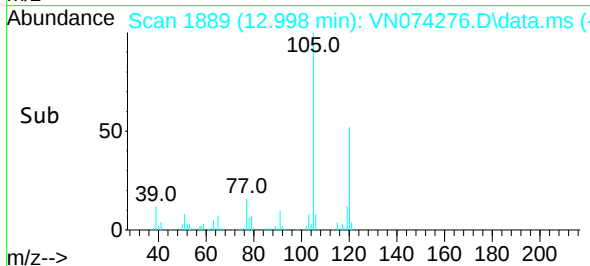
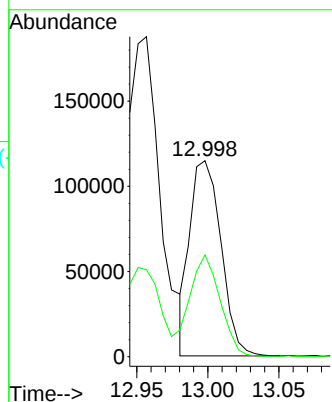
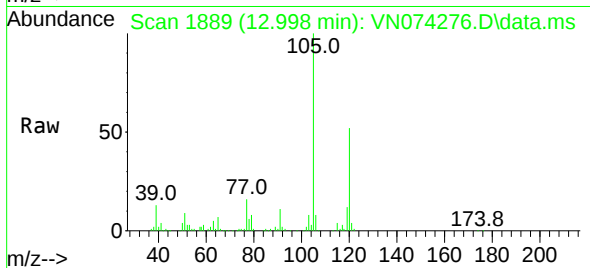
ClientSampleId :

Tgt Ion:105 Resp: 174013

Ion Ratio Lower Upper

105 100

120 52.2 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 58.026 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.106 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

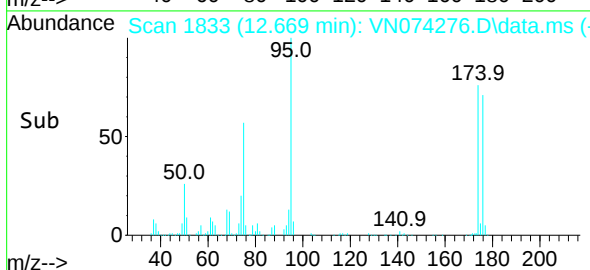
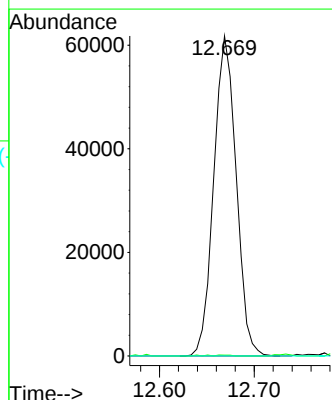
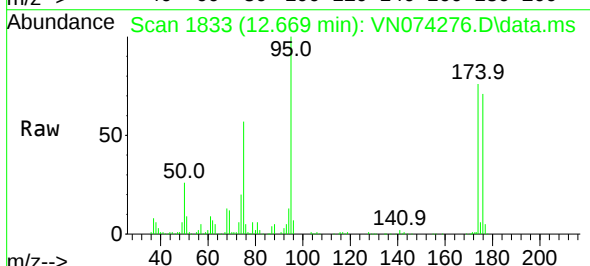
Tgt Ion: 75 Resp: 101555

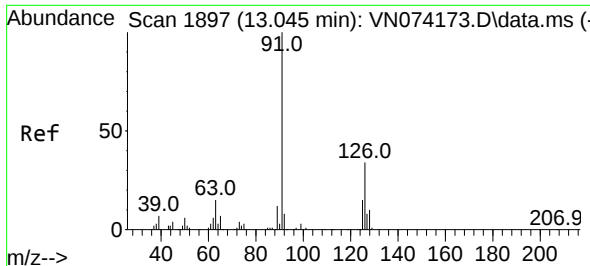
Ion Ratio Lower Upper

75 100

53 0.2 78.0 117.0#

89 0.0 37.2 55.8#

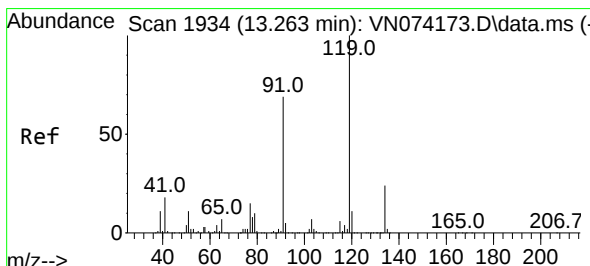
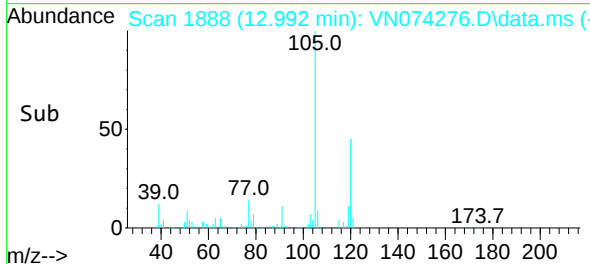
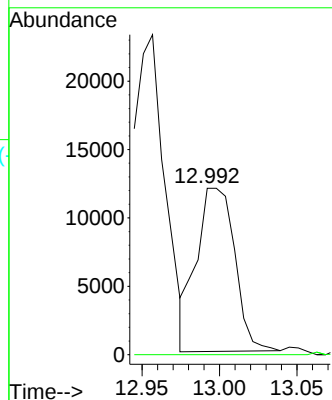
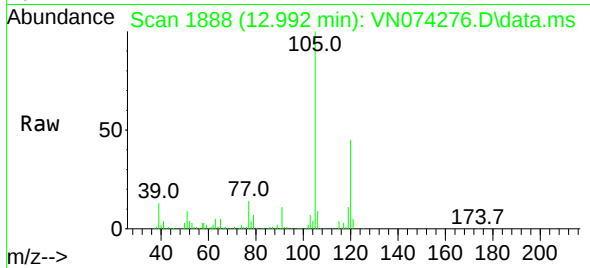




#82
4-Chlorotoluene
Concen: 1.961 ug/l
RT: 12.992 min Scan# 1897
Delta R.T. -0.053 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

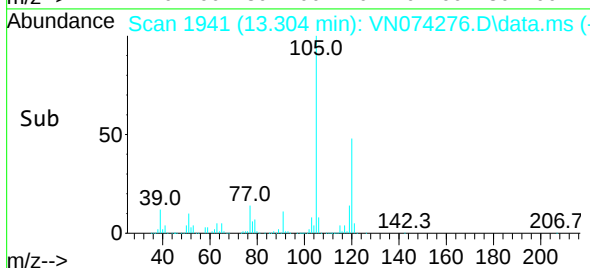
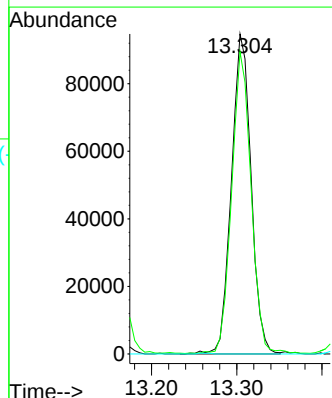
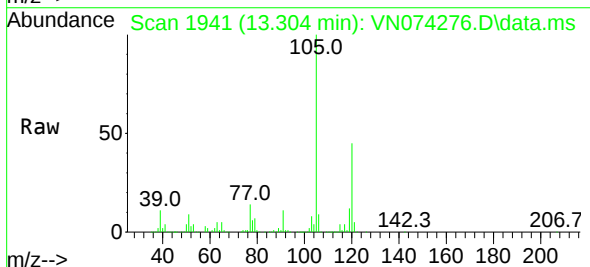
Instrument :
MSVOA_N
ClientSampleId :

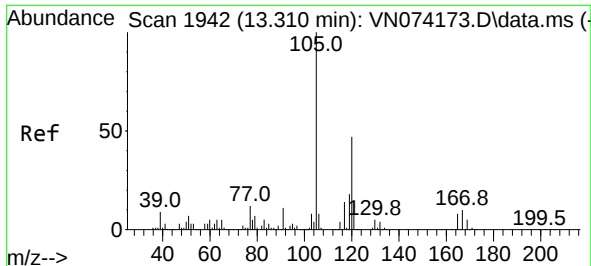
Tgt Ion: 91 Resp: 20613
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 14.042 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.041 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion: 119 Resp: 151975
Ion Ratio Lower Upper
119 100
91 94.0 31.6 94.8
134 0.0 13.7 41.1#

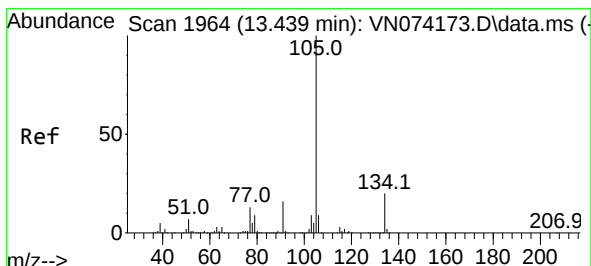
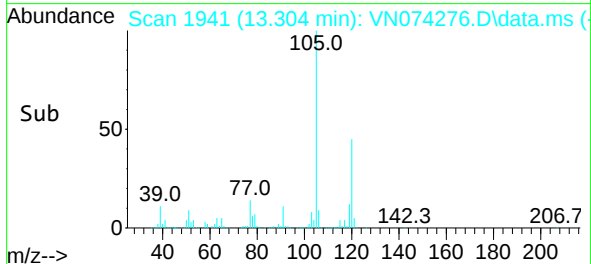
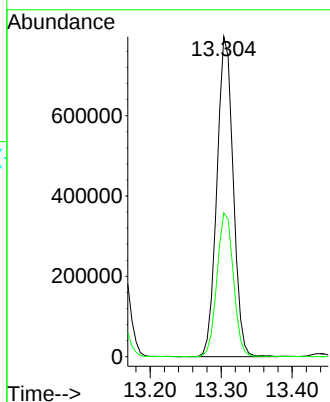
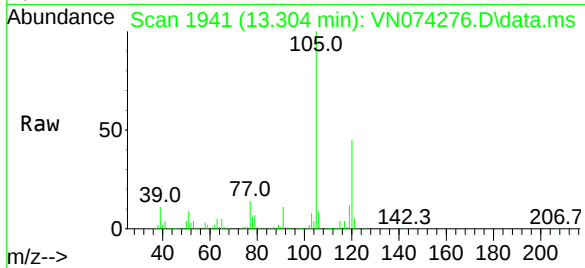




#84
1,2,4-Trimethylbenzene
Concen: 103.703 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

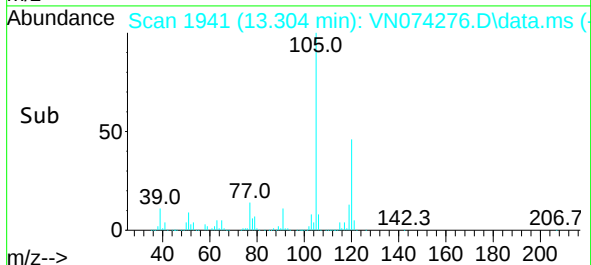
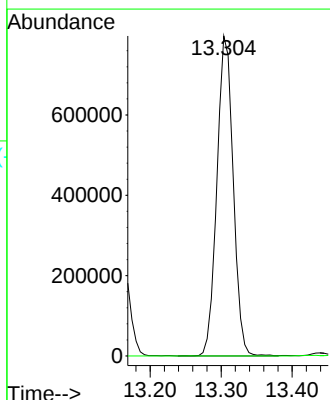
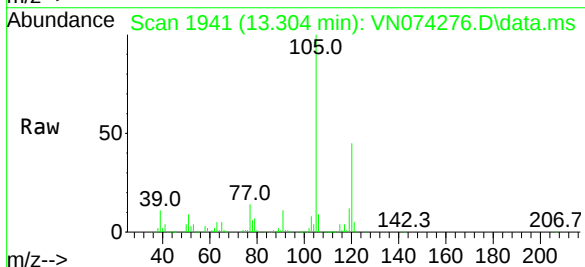
Instrument :
MSVOA_N
ClientSampleId :

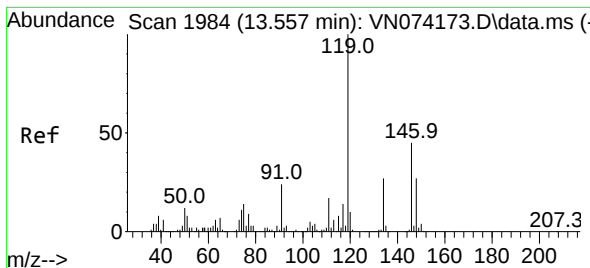
Tgt Ion:105 Resp: 1266351
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8



#85
sec-Butylbenzene
Concen: 83.410 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.135 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

Tgt Ion:105 Resp: 1266351
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 0.535 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN074276.D

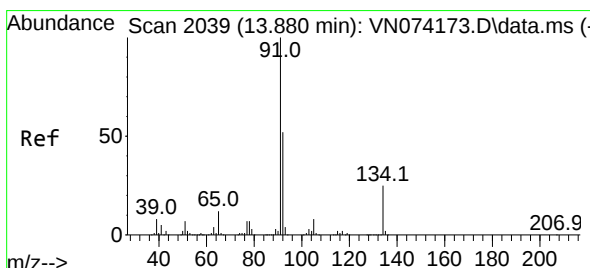
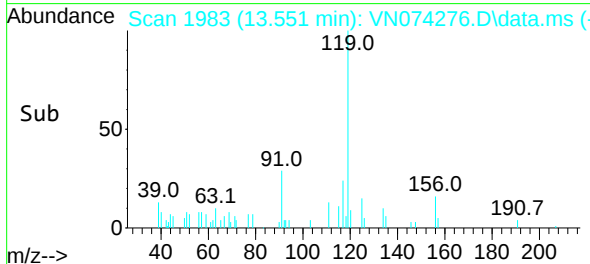
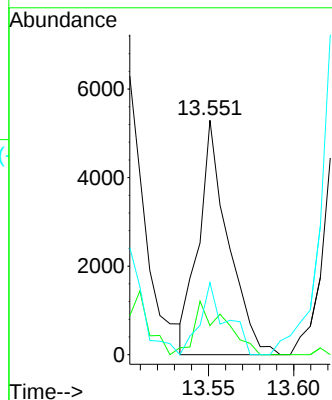
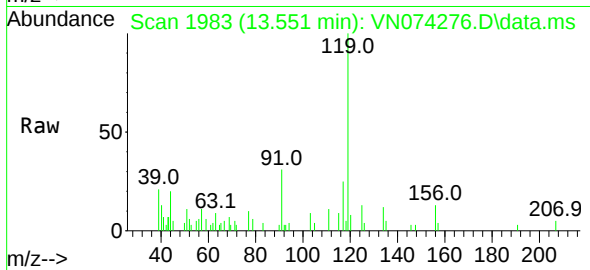
Acq: 02 Sep 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	119	Resp:	6325
Ion	Ratio	Lower	Upper
119	100		
134	24.3	13.3	39.8
91	0.0	11.3	33.9#



#89

n-Butylbenzene

Concen: 0.910 ug/l

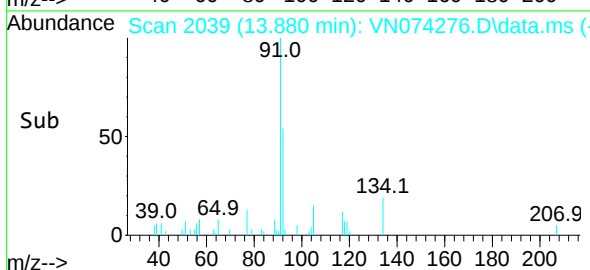
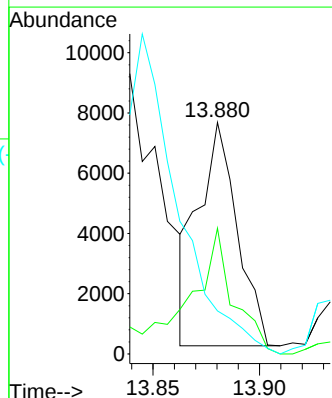
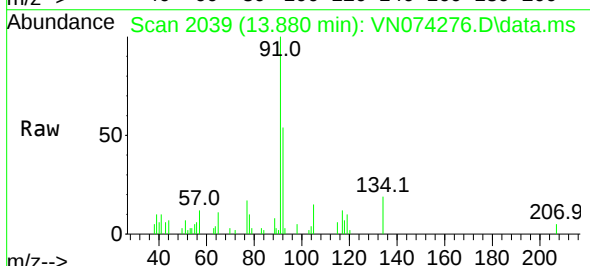
RT: 13.880 min Scan# 2039

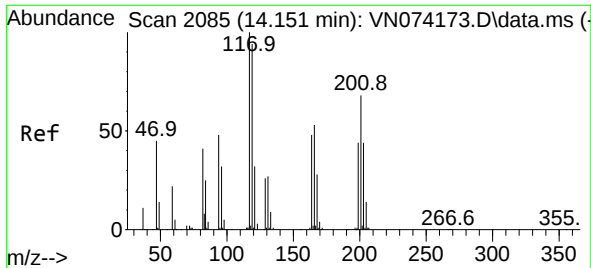
Delta R.T. 0.000 min

Lab File: VN074276.D

Acq: 02 Sep 2022 05:45

Tgt Ion:	91	Resp:	9361
Ion	Ratio	Lower	Upper
91	100		
92	61.2	26.9	80.7
134	0.0	13.6	40.8#

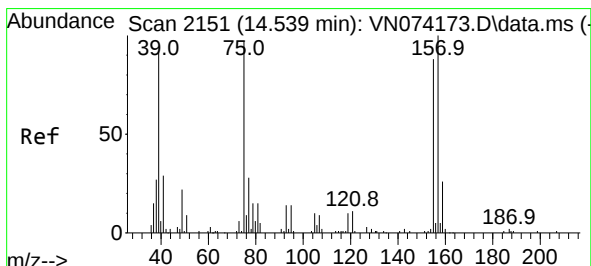
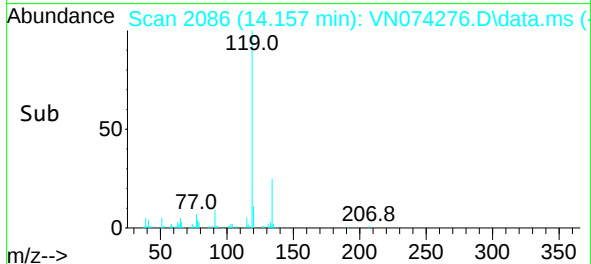
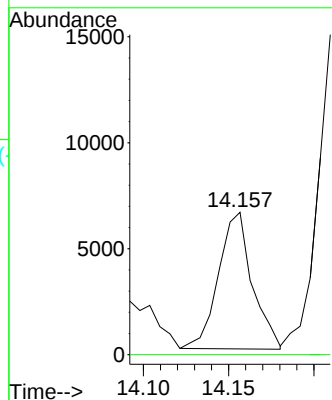
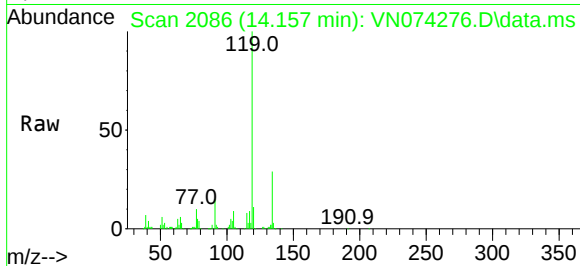




#90
Hexachloroethane
Concen: 3.647 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

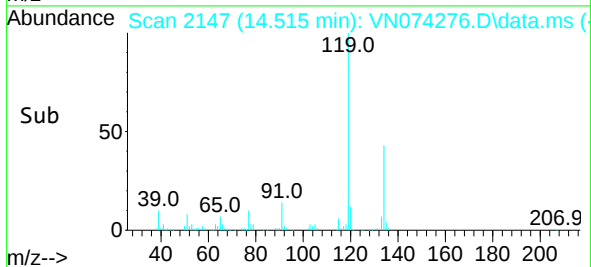
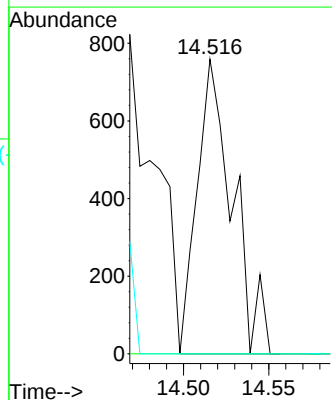
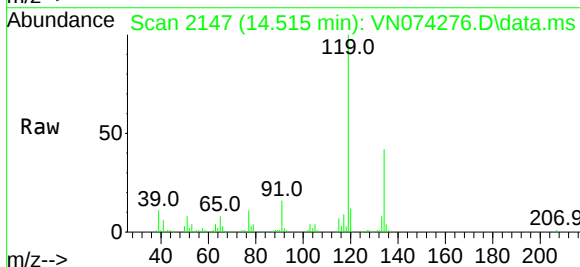
Instrument :
MSVOA_N
ClientSampleId :

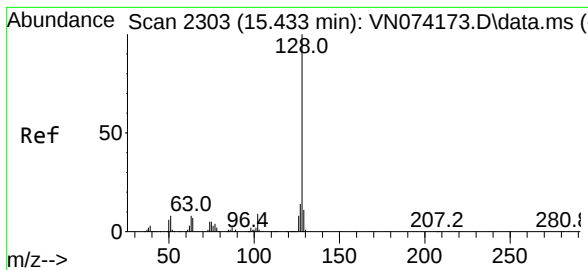
Tgt Ion:117 Resp: 8883
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.851 ug/l
RT: 14.515 min Scan# 2147
Delta R.T. -0.023 min
Lab File: VN074276.D
Acq: 02 Sep 2022 05:45

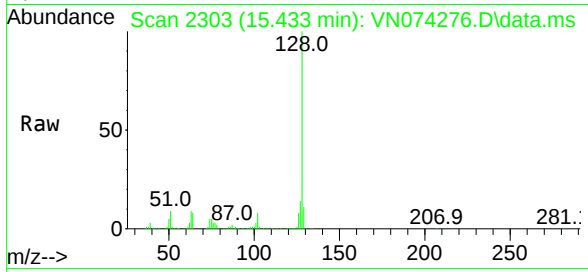
Tgt Ion: 75 Resp: 1097
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#





#95
 Naphthalene
 Concen: 57.386 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074276.D
 Acq: 02 Sep 2022 05:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 793450
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 10.7 8.6 13.0

