

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082878.D
 Acq On : 11 Jul 2024 15:56
 Operator : JC\MD
 Sample : P3220-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240710076-02-VOA

Quant Time: Jul 12 01:08:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	133401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	235511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	91570	48.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.940%		
35) Dibromofluoromethane	8.171	113	74103	48.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.660%		
50) Toluene-d8	10.565	98	279786	49.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.800%		
62) 4-Bromofluorobenzene	12.853	95	105997	52.103	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.200%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.512	62	912	0.530	ug/l #	26
8) Diethyl Ether	3.959	74	4479	5.290	ug/l	83
11) Tert butyl alcohol	5.524	59	2775309	8823.811	ug/l	99
14) Allyl chloride	4.941	41	18068	8.509	ug/l #	33
15) Acrylonitrile	5.518	53	24411	33.771	ug/l #	20
16) Acetone	4.424	43	308777	468.994	ug/l	93
17) Carbon Disulfide	4.712	76	18786	4.617	ug/l	99
18) Methyl Acetate	5.024	43	1221	0.701	ug/l #	56
19) Methyl tert-butyl Ether	5.788	73	10423	2.219	ug/l	95
25) 2-Butanone	7.482	43	253762	255.262	ug/l	91
26) 2,2-Dichloropropane	7.435	77	112902	45.065	ug/l #	56
27) cis-1,2-Dichloroethene	7.494	96	1623	0.940	ug/l #	7
28) Bromochloromethane	7.829	49	1396	1.208	ug/l #	21
29) Tetrahydrofuran	7.835	42	731742	1169.191	ug/l #	83
31) Cyclohexane	8.218	56	3602	1.473	ug/l #	44
37) Ethyl Acetate	7.482	43	253762	117.899	ug/l #	72
38) Carbon Tetrachloride	8.224	117	14687	5.770	ug/l #	16
40) Benzene	8.606	78	34102	5.244	ug/l	98
41) Methacrylonitrile	7.835	41	429872	370.718	ug/l #	51
42) 1,2-Dichloroethane	8.676	62	1382	0.590	ug/l #	78
43) Isopropyl Acetate	8.700	43	4306	Below Cal	#	60
49) 1,4-Dioxane	9.700	88	3069	82.376	ug/l #	87
51) 4-Methyl-2-Pentanone	10.565	43	9111	4.270	ug/l	93
52) Toluene	10.635	92	44754	11.017	ug/l	98
53) t-1,3-Dichloropropene	10.741	75	987	0.392	ug/l	89
55) 1,1,2-Trichloroethane	10.929	97	925	0.619	ug/l #	14
59) 2-Hexanone	11.065	43	8432	5.315	ug/l	73
65) Chlorobenzene	11.894	112	7531	1.492	ug/l #	81
67) Ethyl Benzene	11.965	91	95292	11.235	ug/l	97
68) m/p-Xylenes	12.065	106	39701	12.398	ug/l	99
69) o-Xylene	12.400	106	20801	6.779	ug/l	99
70) Styrene	12.412	104	4002	0.789	ug/l #	19
73) Isopropylbenzene	12.694	105	9617	1.191	ug/l	98
76) 1,2,3-Trichloropropane	12.847	75	59291	30.935	ug/l #	1
78) n-propylbenzene	13.035	91	5022	0.541	ug/l	100
79) 2-Chlorotoluene	13.106	91	3102	0.524	ug/l #	42

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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

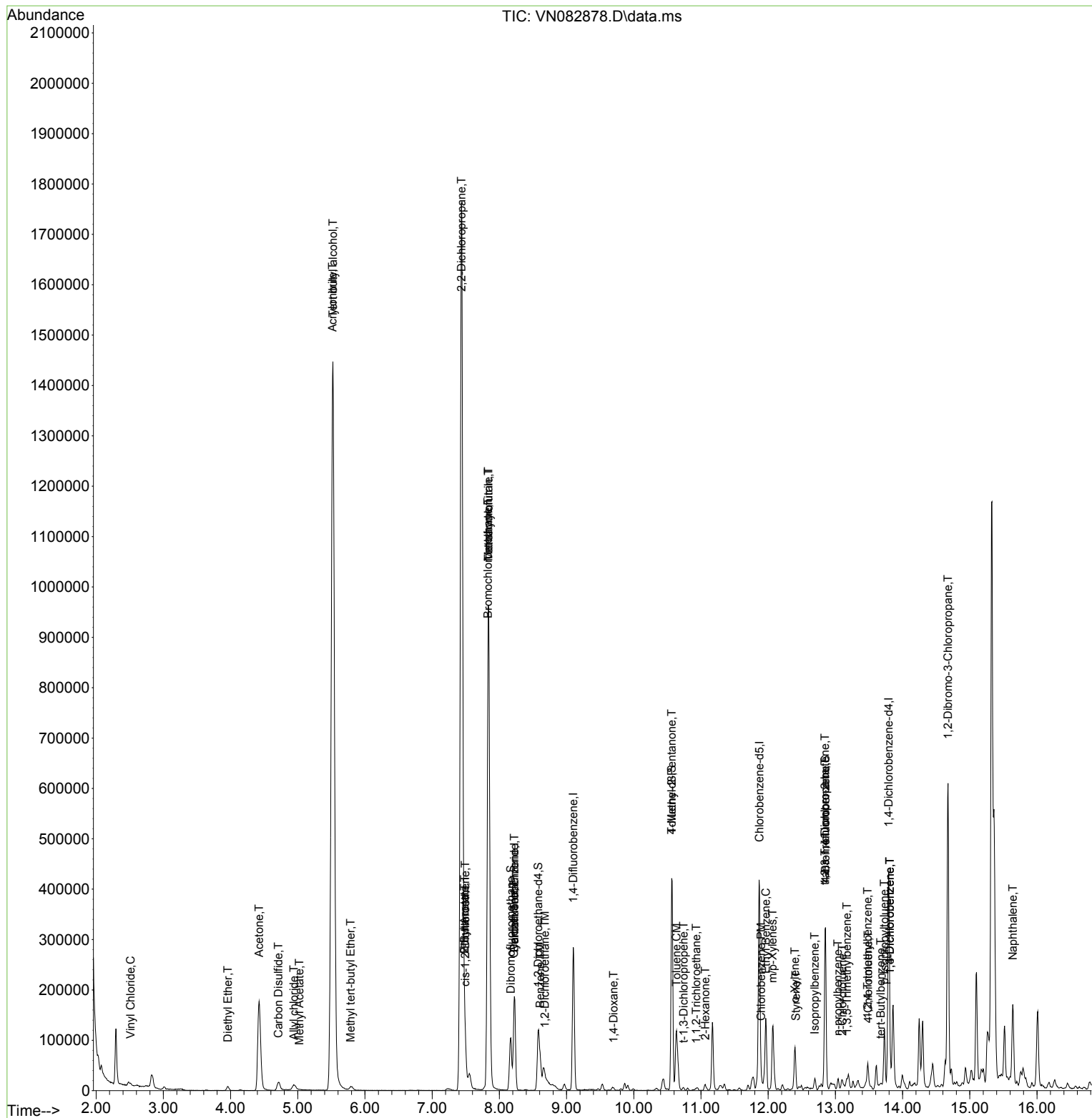
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	13.170	105	6518	0.998	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.847	75	59291	60.841	ug/l #	6
82) 4-Chlorotoluene	13.488	91	3720	0.635	ug/l	95
83) tert-Butylbenzene	13.676	119	1949	0.337	ug/l	72
84) 1,2,4-Trimethylbenzene	13.482	105	23794	3.575	ug/l	97
86) p-Isopropyltoluene	13.729	119	62172	9.526	ug/l	98
87) 1,3-Dichlorobenzene	13.811	146	9439	2.507	ug/l	89
88) 1,4-Dichlorobenzene	13.811	146	9439	2.424	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.676	75	421	0.752	ug/l #	7
95) Naphthalene	15.641	128	146100	21.665	ug/l	99

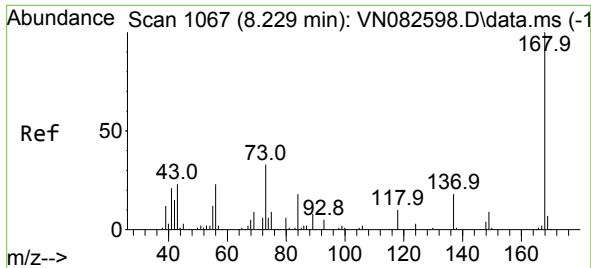
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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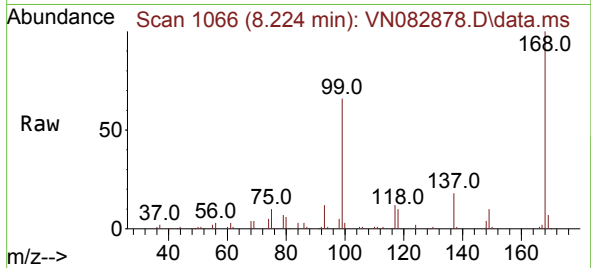
Quant Time: Jul 12 01:08:19 2024
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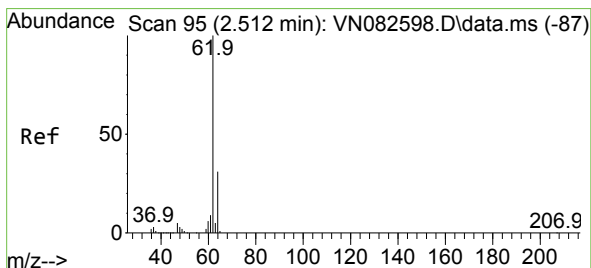
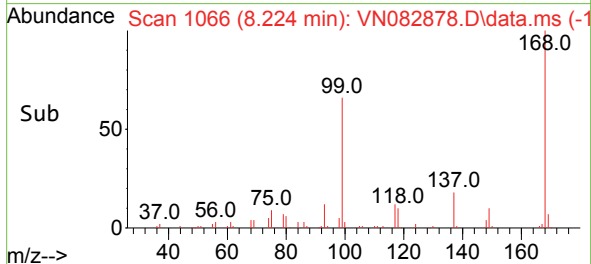
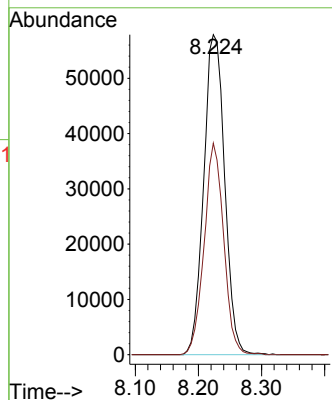


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
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Instrument :
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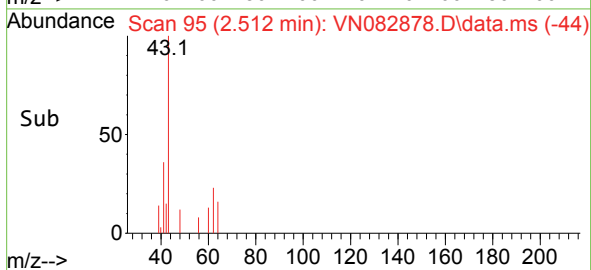
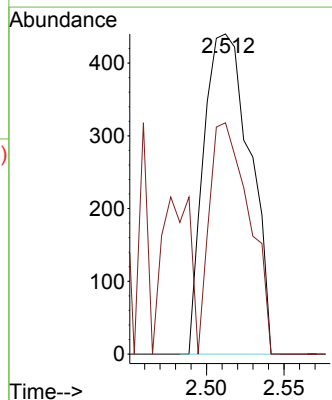
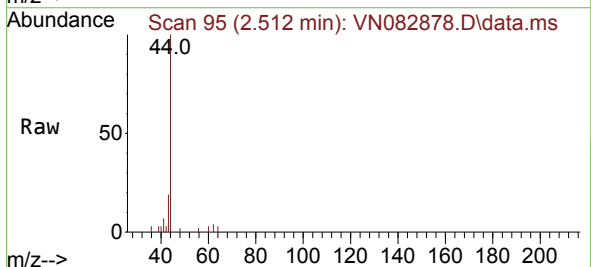


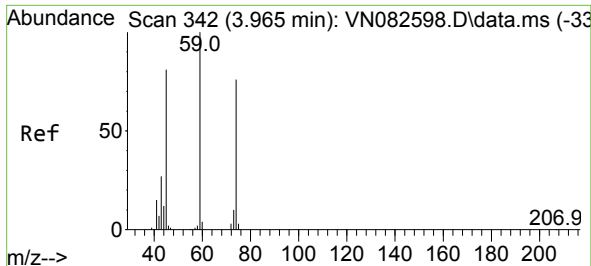
Tgt Ion:168 Resp: 133401
Ion Ratio Lower Upper
168 100
99 66.1 48.2 72.4



#4
Vinyl Chloride
Concen: 0.530 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 62 Resp: 912
Ion Ratio Lower Upper
62 100
64 72.3 25.0 37.6#

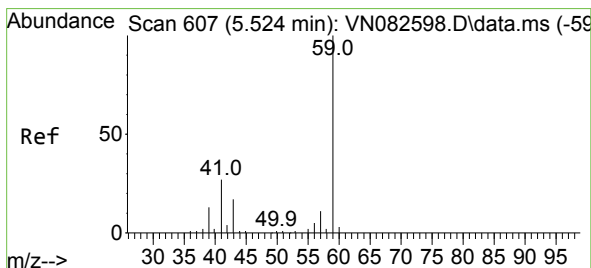
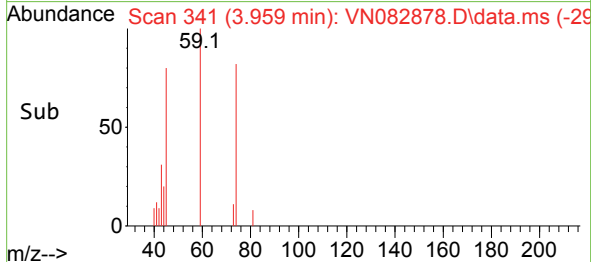
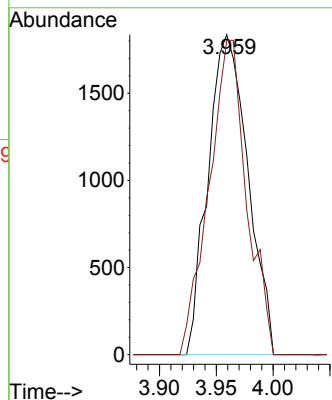
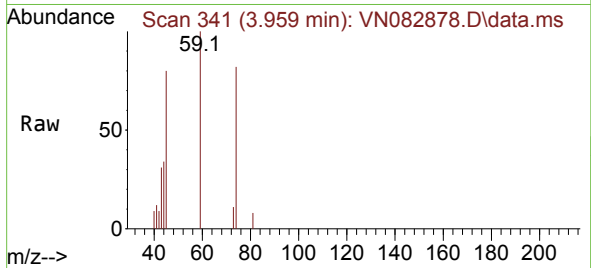




#8
Diethyl Ether
Concen: 5.290 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

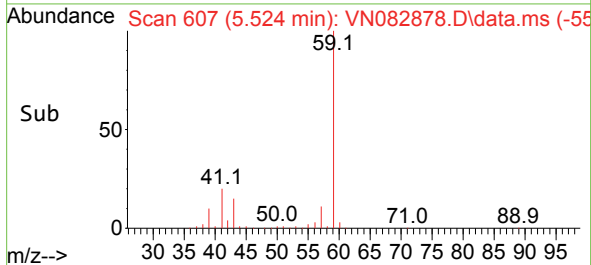
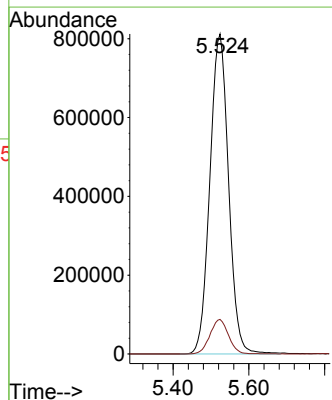
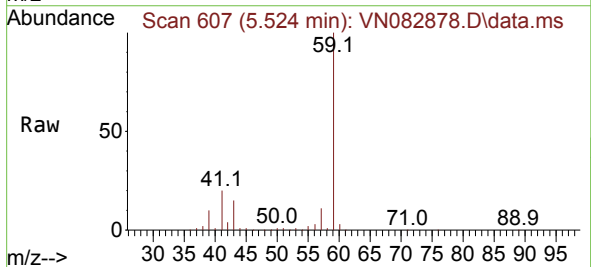
Instrument :
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ClientSampleId :
240710076-02-VOA

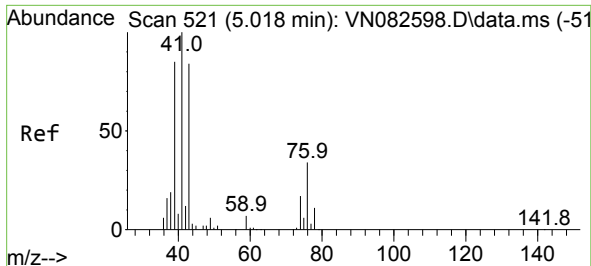
Tgt Ion: 74 Resp: 4479
Ion Ratio Lower Upper
74 100
45 93.1 55.5 166.3



#11
Tert butyl alcohol
Concen: 8823.811 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082878.D
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Tgt Ion: 59 Resp: 2775309
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

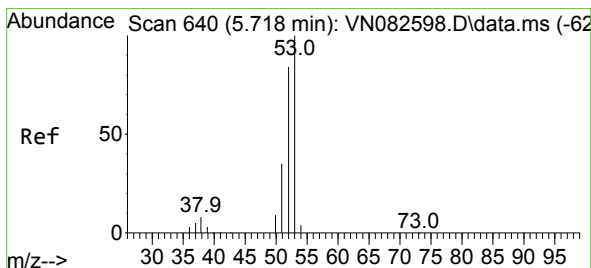
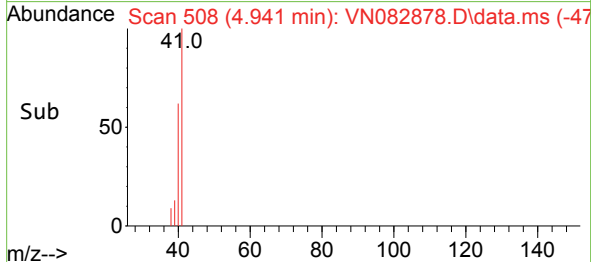
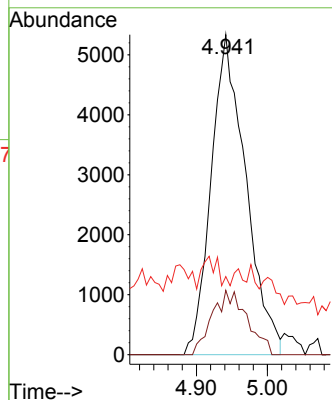
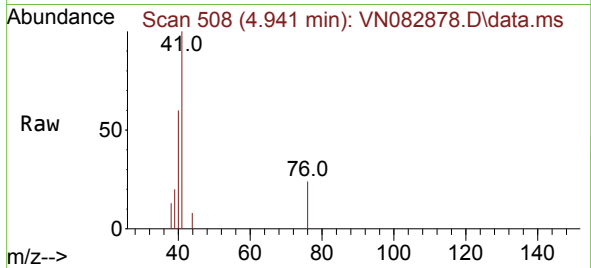




#14
 Allyl chloride
 Concen: 8.509 ug/l
 RT: 4.941 min Scan# 50
 Delta R.T. -0.077 min
 Lab File: VN082878.D
 Acq: 11 Jul 2024 15:56

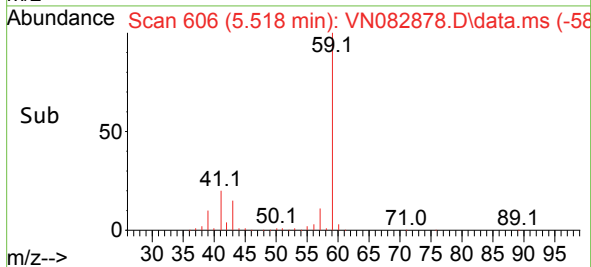
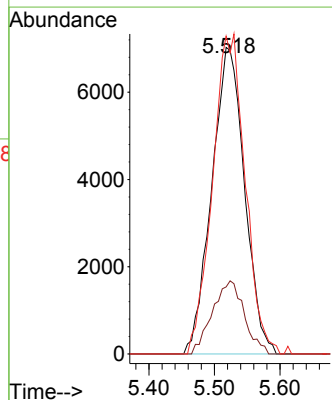
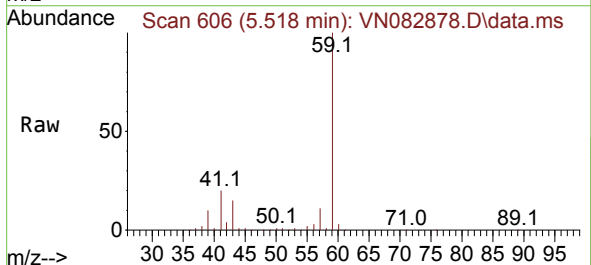
Instrument :
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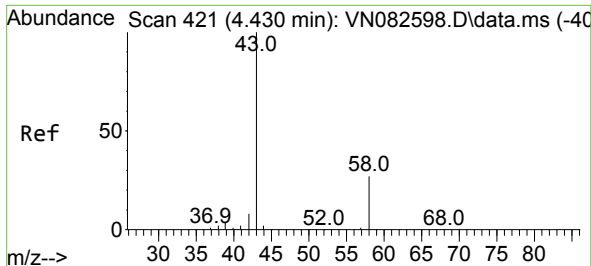
Tgt Ion: 41 Resp: 18068
 Ion Ratio Lower Upper
 41 100
 39 20.2 67.8 101.6#
 76 0.0 25.8 38.8#



#15
 Acrylonitrile
 Concen: 33.771 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. -0.200 min
 Lab File: VN082878.D
 Acq: 11 Jul 2024 15:56

Tgt Ion: 53 Resp: 24411
 Ion Ratio Lower Upper
 53 100
 52 23.1 66.6 100.0#
 51 103.8 30.1 45.1#

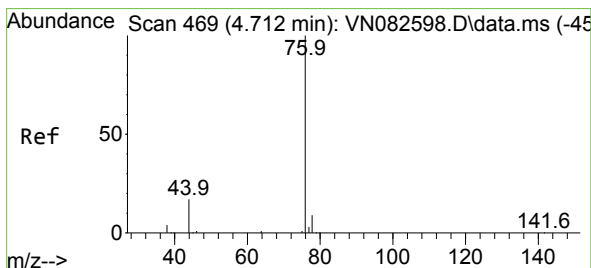
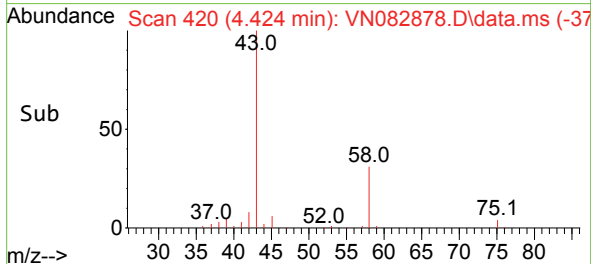
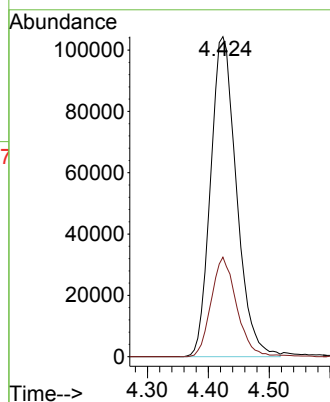
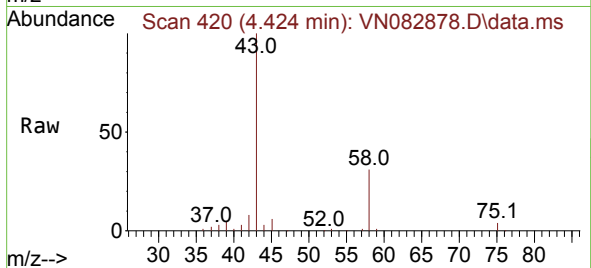




#16
Acetone
Concen: 468.994 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

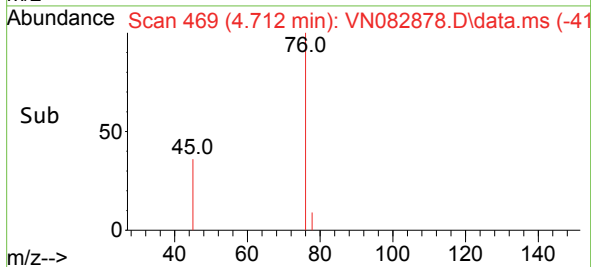
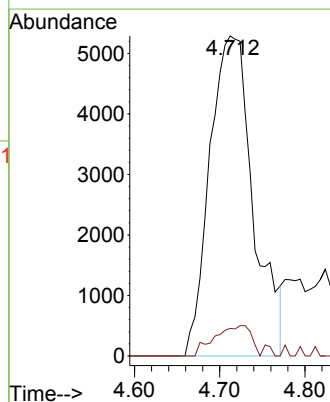
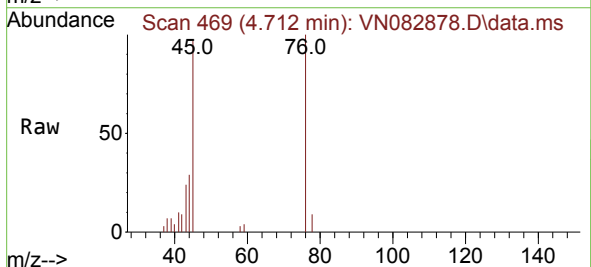
Instrument :
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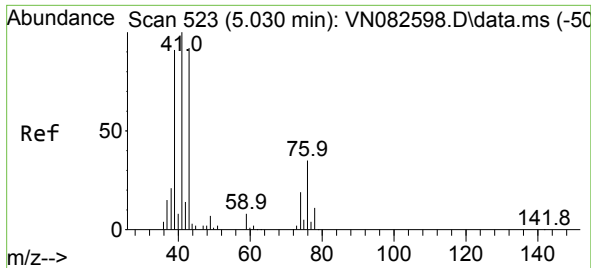
Tgt Ion: 43 Resp: 308777
Ion Ratio Lower Upper
43 100
58 31.1 21.8 32.6



#17
Carbon Disulfide
Concen: 4.617 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

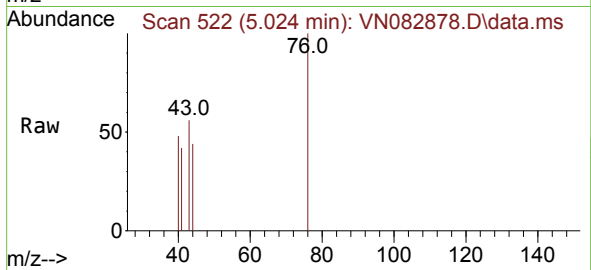
Tgt Ion: 76 Resp: 18786
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



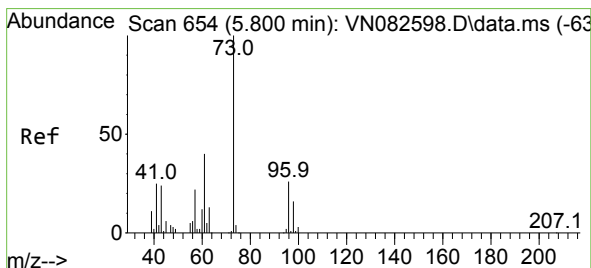
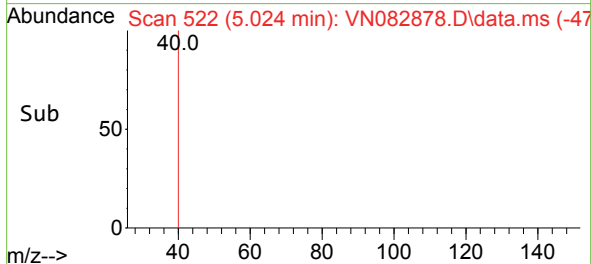
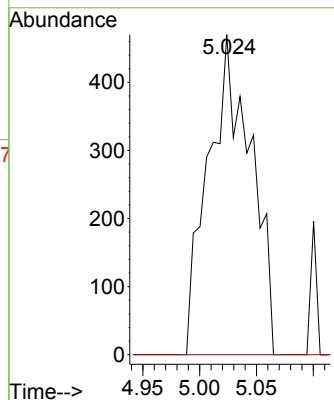


#18
Methyl Acetate
Concen: 0.701 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

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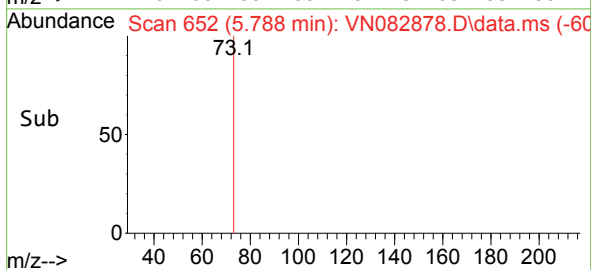
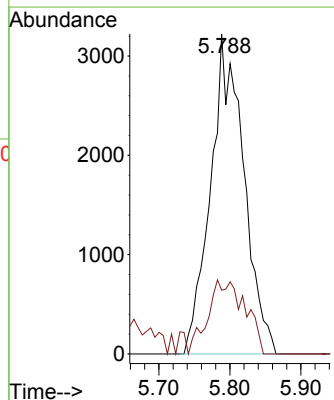
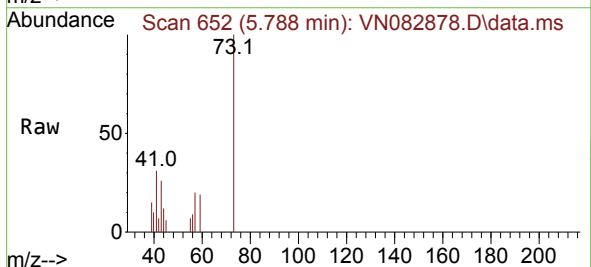


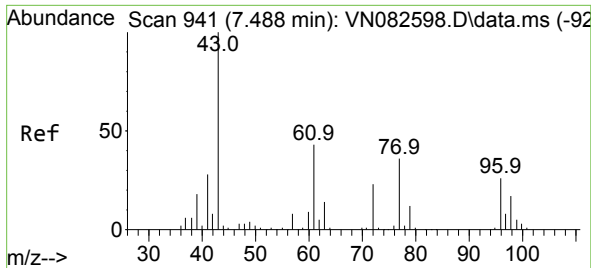
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#19
Methyl tert-butyl Ether
Concen: 2.219 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.012 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 73 Resp: 10423
Ion Ratio Lower Upper
73 100
57 19.9 17.9 26.9

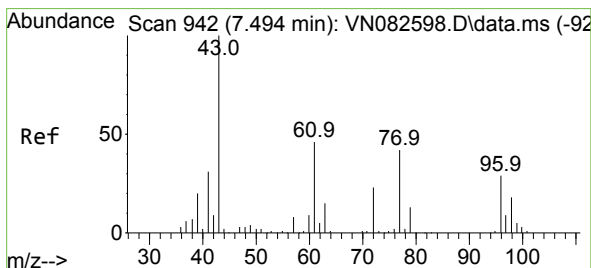
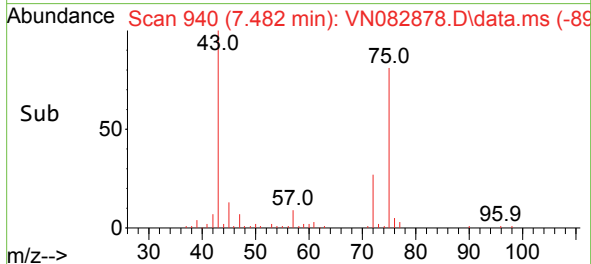
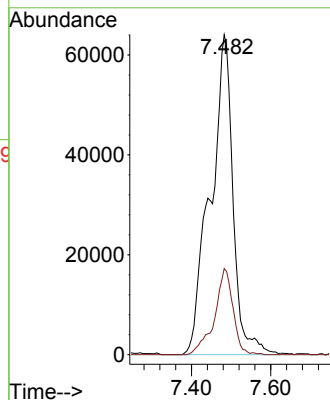
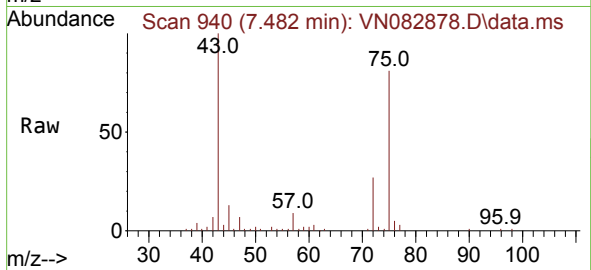




#25
2-Butanone
Concen: 255.262 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

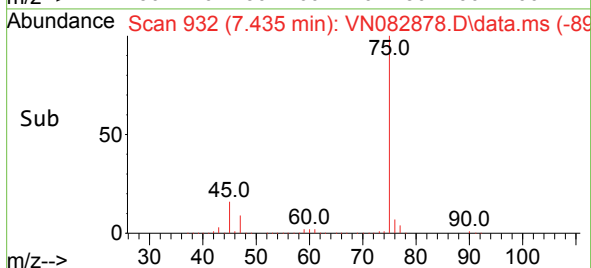
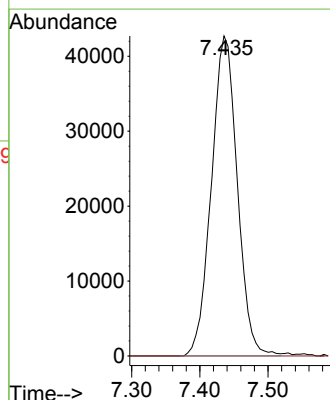
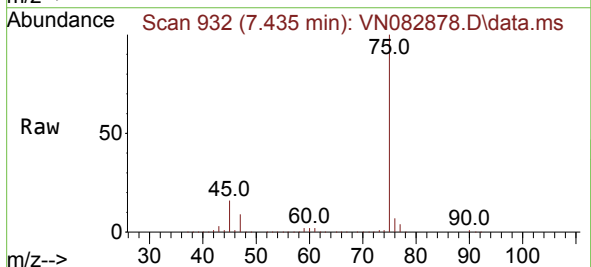
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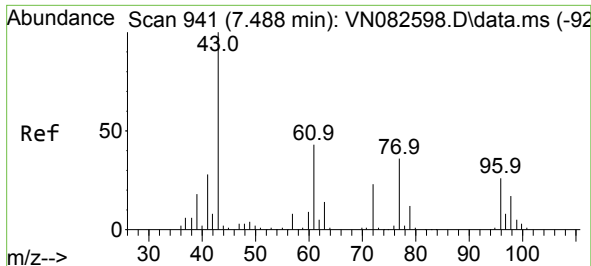
Tgt Ion: 43 Resp: 253762
Ion Ratio Lower Upper
43 100
72 26.9 18.2 27.2



#26
2,2-Dichloropropane
Concen: 45.065 ug/l
RT: 7.435 min Scan# 932
Delta R.T. -0.059 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 77 Resp: 112902
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#

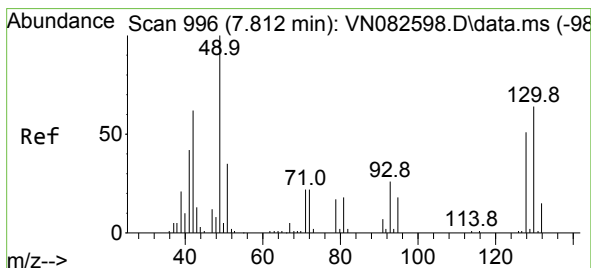
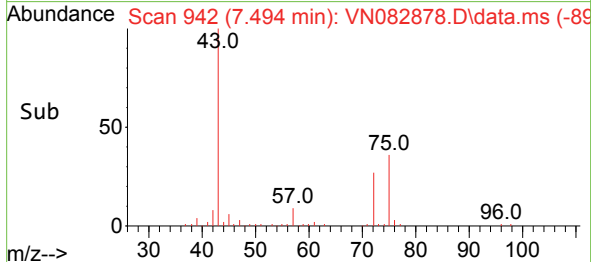
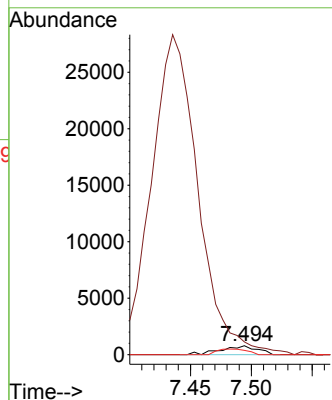
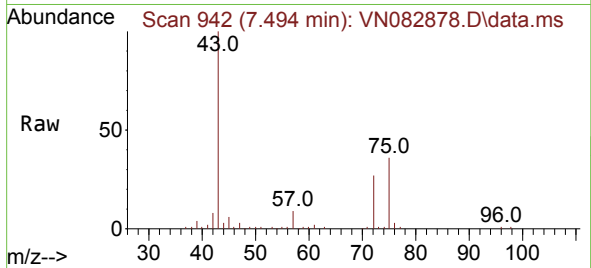




#27
 cis-1,2-Dichloroethene
 Concen: 0.940 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN082878.D
 Acq: 11 Jul 2024 15:56

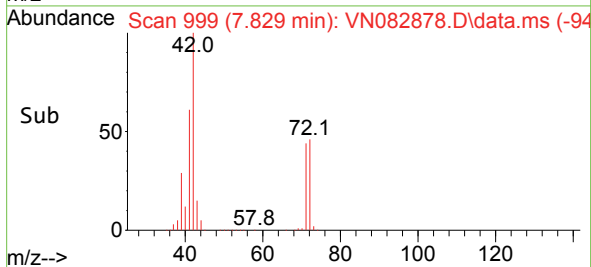
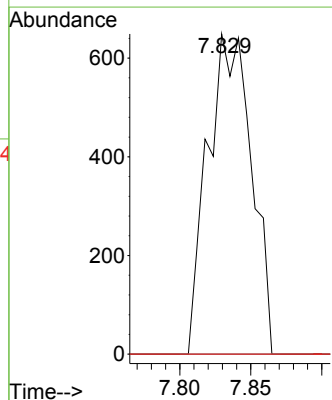
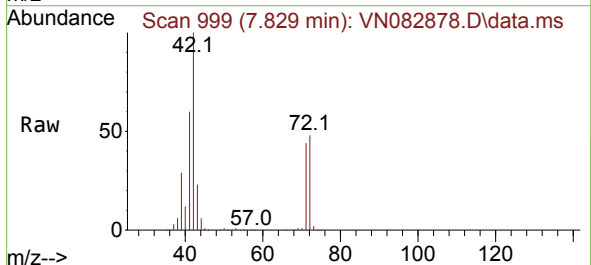
Instrument :
 MSVOA_N
 ClientSampleId :
 240710076-02-VOA

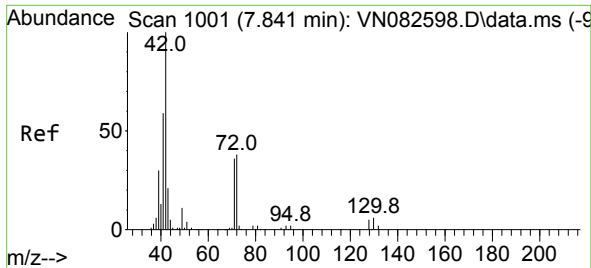
Tgt Ion: 96 Resp: 1623
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 329.6
 98 52.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 1.208 ug/l
 RT: 7.829 min Scan# 999
 Delta R.T. 0.017 min
 Lab File: VN082878.D
 Acq: 11 Jul 2024 15:56

Tgt Ion: 49 Resp: 1396
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 50.5 75.7#

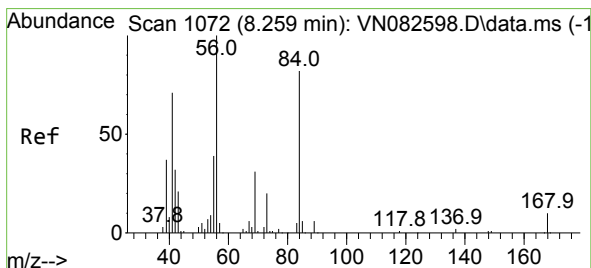
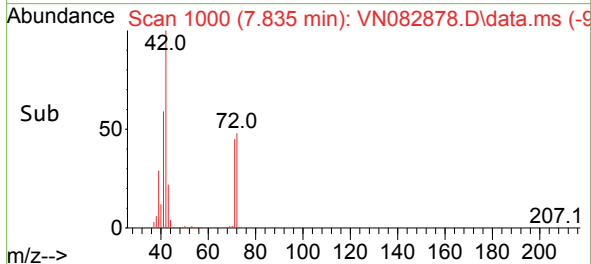
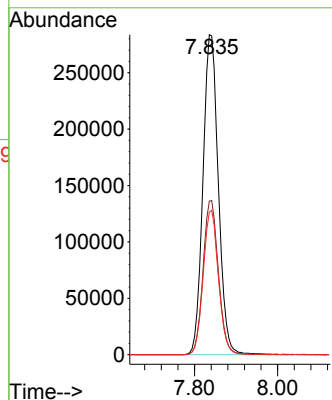
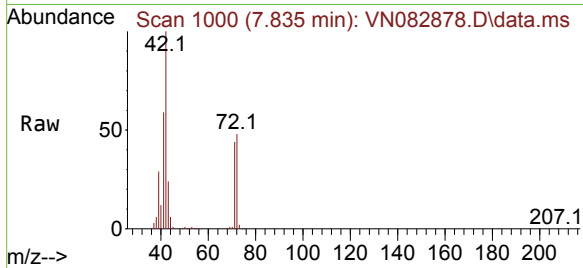




#29
Tetrahydrofuran
Concen: 1169.191 ug/l
RT: 7.835 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

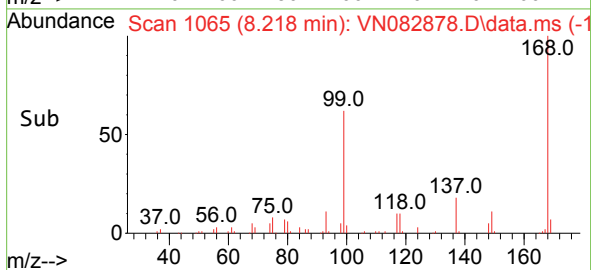
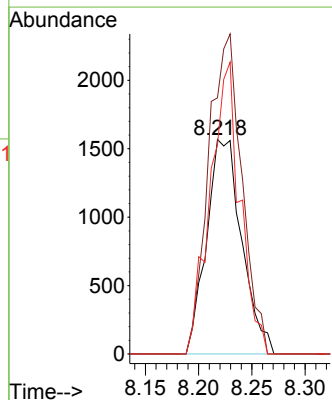
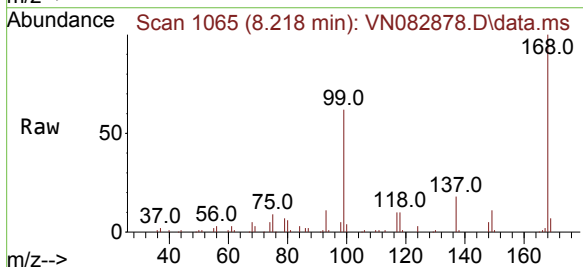
Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

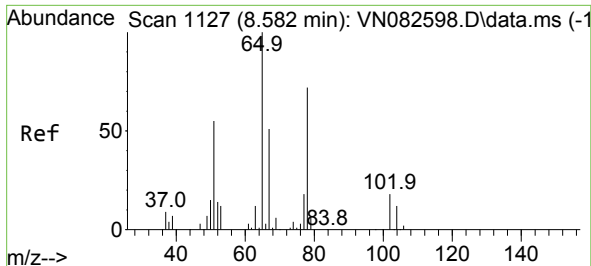
Tgt Ion: 42 Resp: 731742
Ion Ratio Lower Upper
42 100
72 47.9 30.0 45.0#
71 44.5 28.3 42.5#



#31
Cyclohexane
Concen: 1.473 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 56 Resp: 3602
Ion Ratio Lower Upper
56 100
69 119.5 24.5 36.7#
84 97.4 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 48.968 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

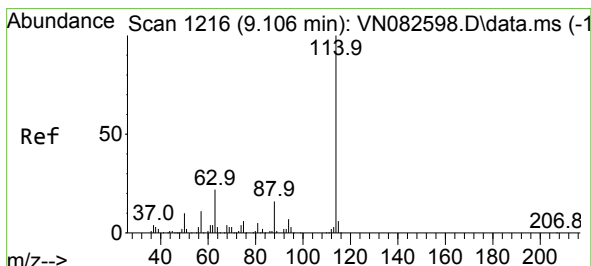
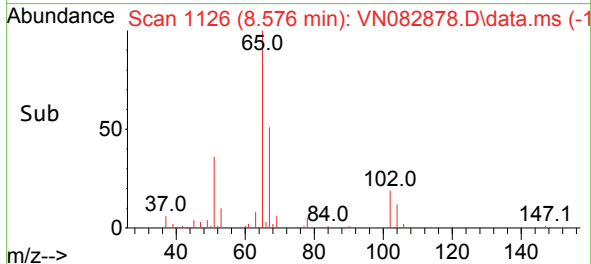
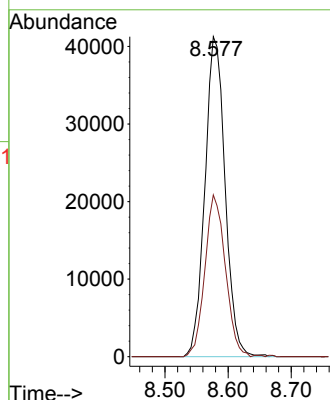
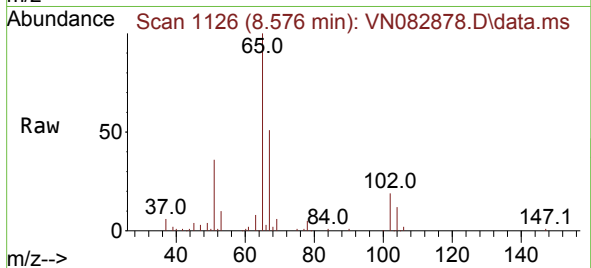
240710076-02-VOA

Tgt Ion: 65 Resp: 91570

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

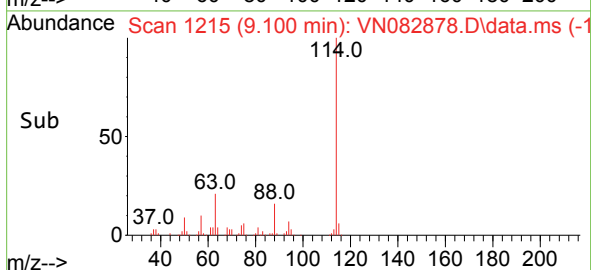
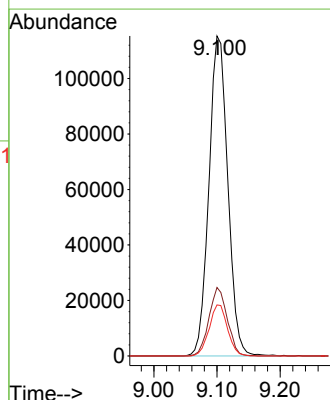
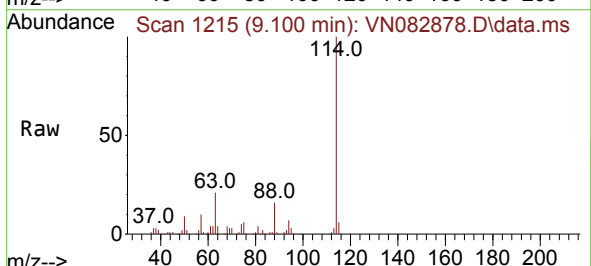
Tgt Ion: 114 Resp: 238964

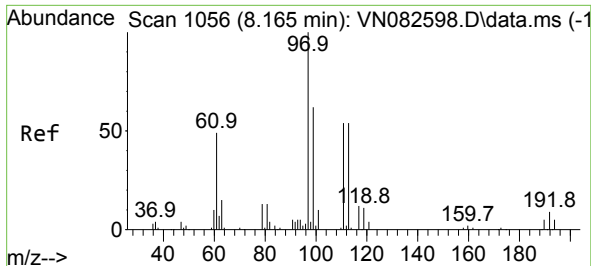
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 16.0 0.0 31.4

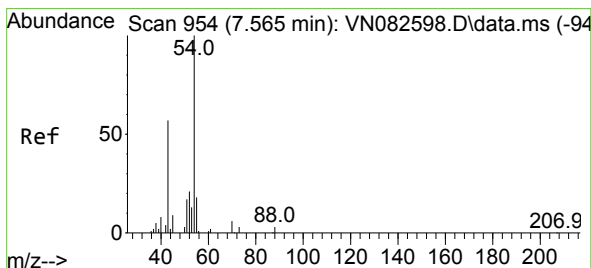
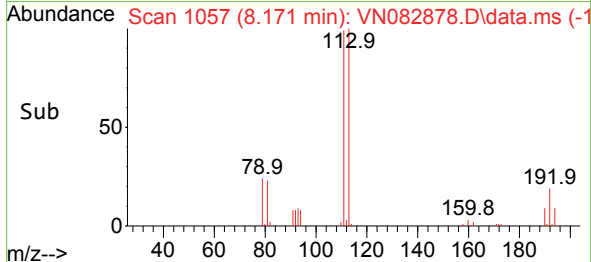
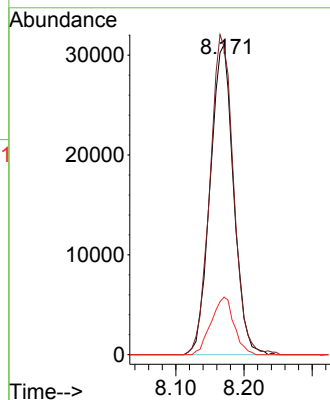
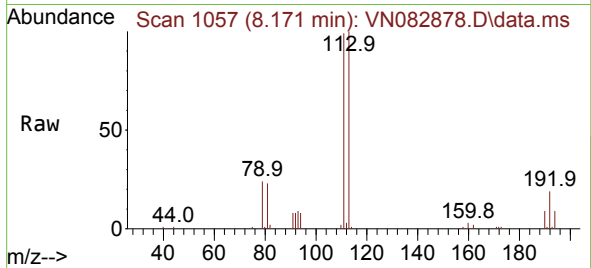




#35
Dibromofluoromethane
Concen: 48.327 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

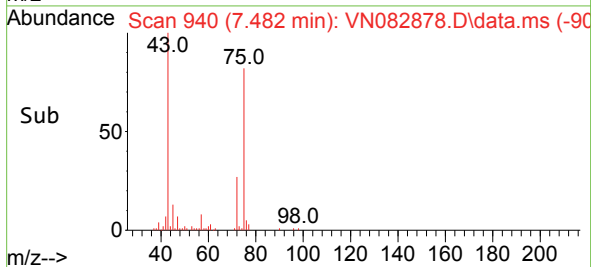
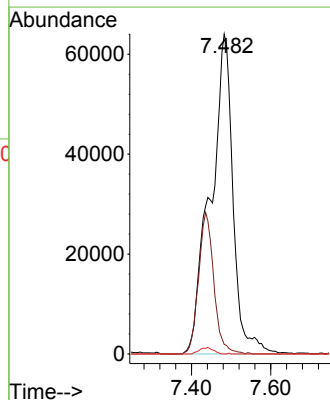
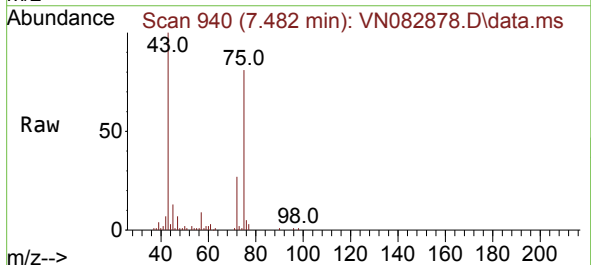
Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

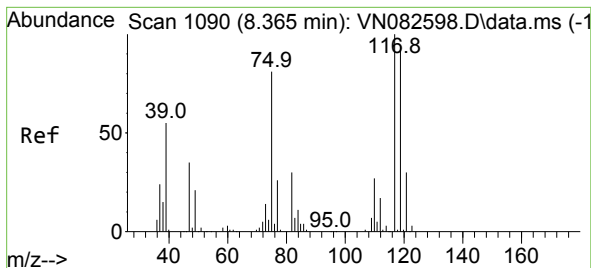
Tgt Ion:113 Resp: 74103
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.2 14.9 22.3



#37
Ethyl Acetate
Concen: 117.899 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.083 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 43 Resp: 253762
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.770 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082878.D

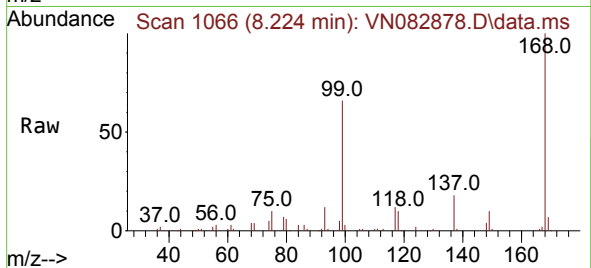
Acq: 11 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

240710076-02-VOA



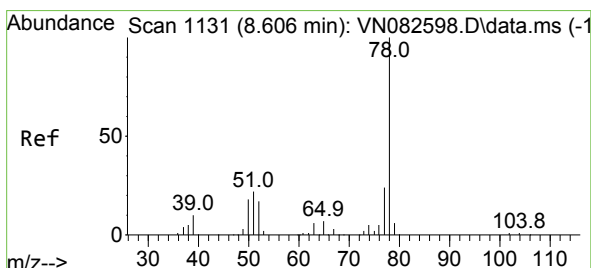
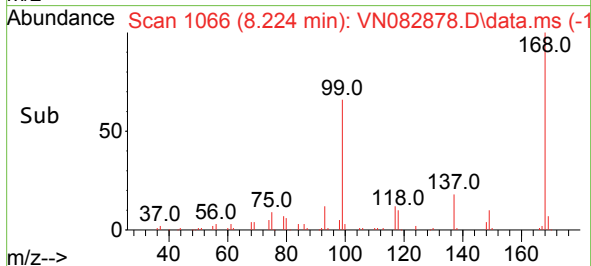
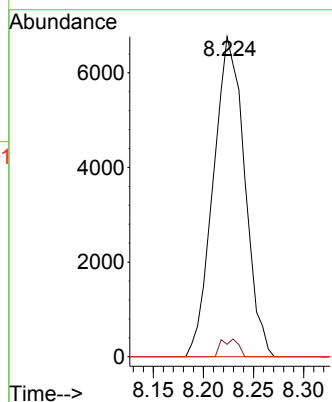
Tgt Ion:117 Resp: 14687

Ion Ratio Lower Upper

117 100

119 3.9 74.9 112.3#

121 0.0 24.3 36.5#



#40

Benzene

Concen: 5.244 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082878.D

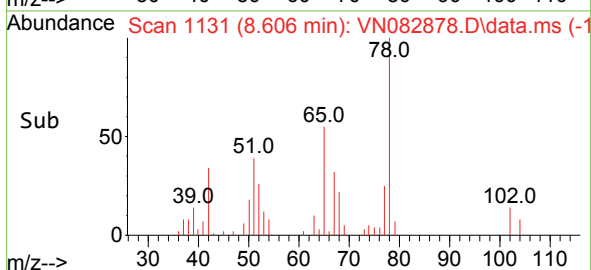
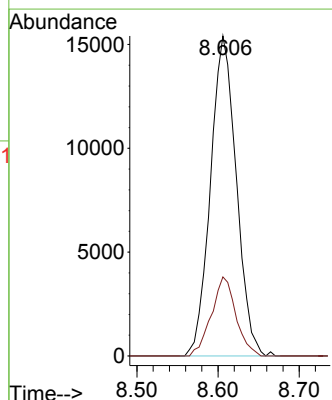
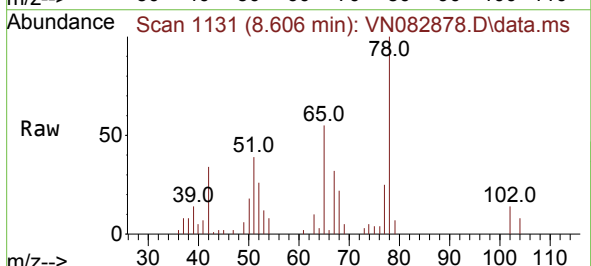
Acq: 11 Jul 2024 15:56

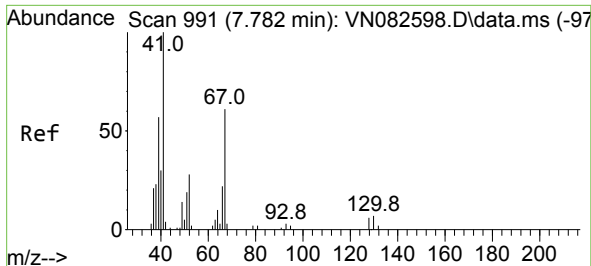
Tgt Ion: 78 Resp: 34102

Ion Ratio Lower Upper

78 100

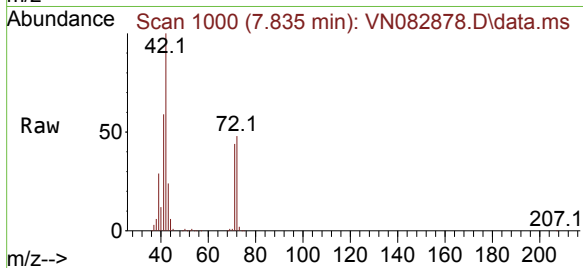
77 24.7 19.0 28.4



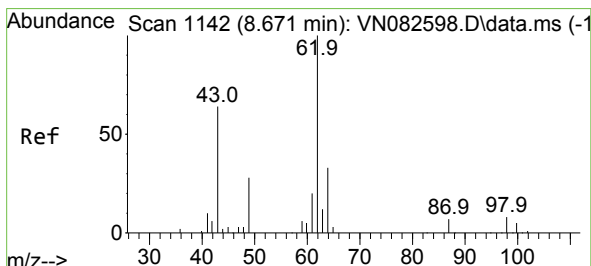
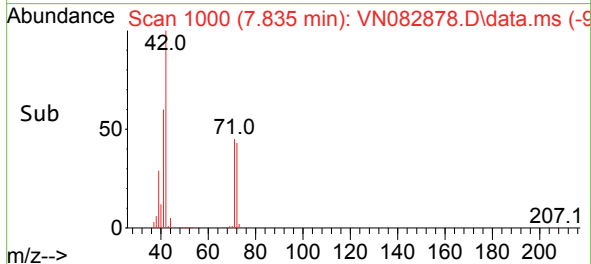
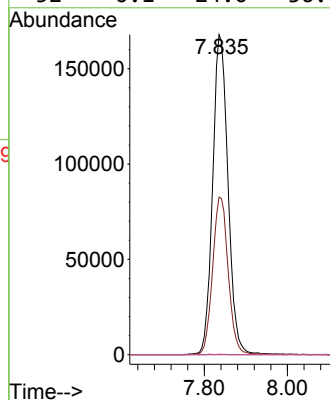


#41
Methacrylonitrile
Concen: 370.718 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.053 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

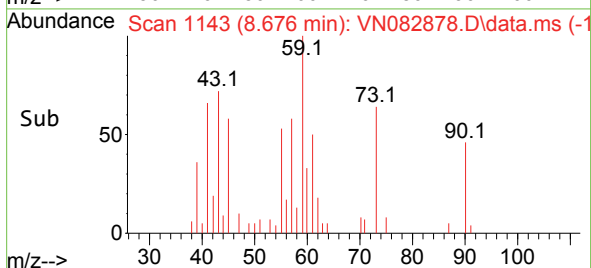
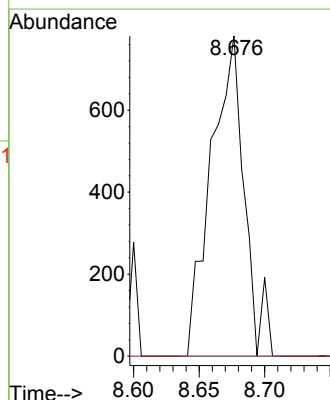
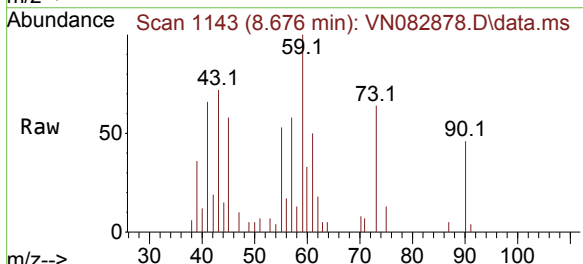


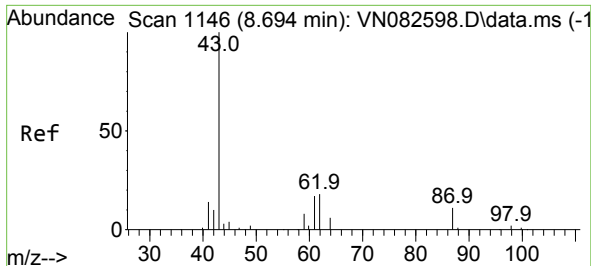
Tgt Ion: 41 Resp: 429872
Ion Ratio Lower Upper
41 100
39 50.0 45.5 68.3
67 0.0 50.5 75.7#
52 0.1 24.0 36.0#



#42
1,2-Dichloroethane
Concen: 0.590 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.005 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 62 Resp: 1382
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8

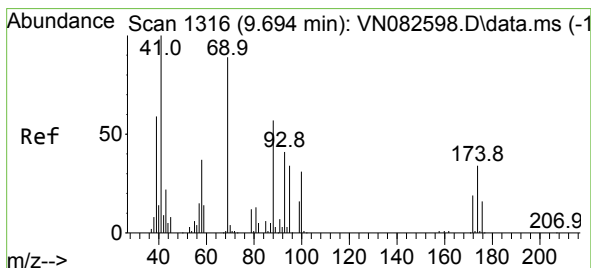
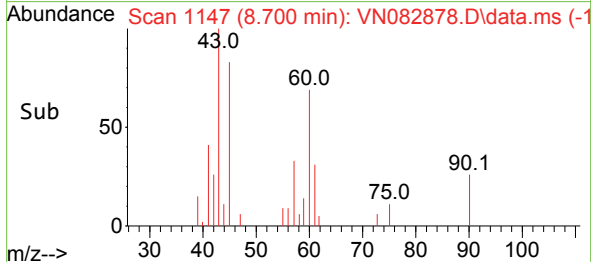
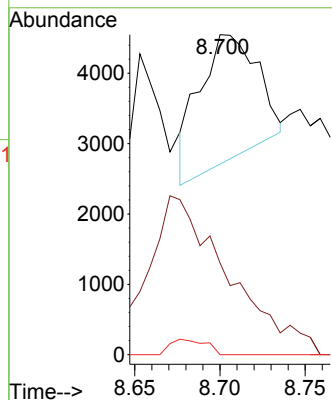
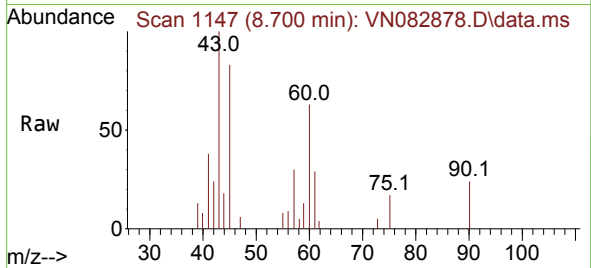




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

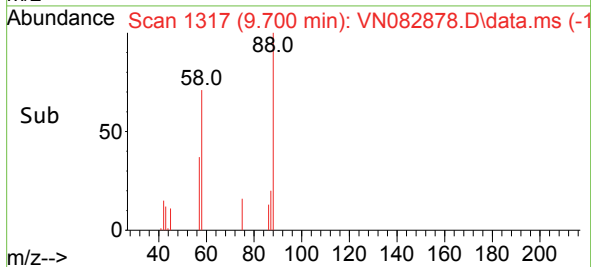
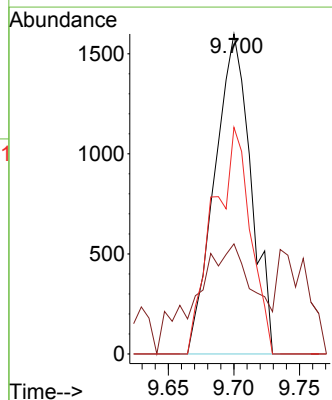
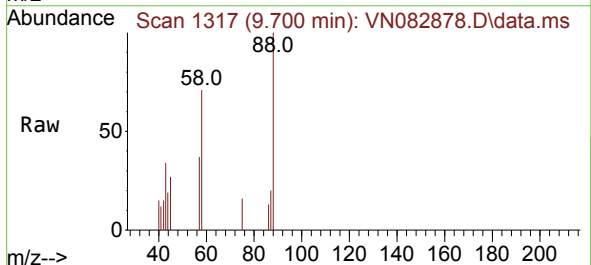
Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

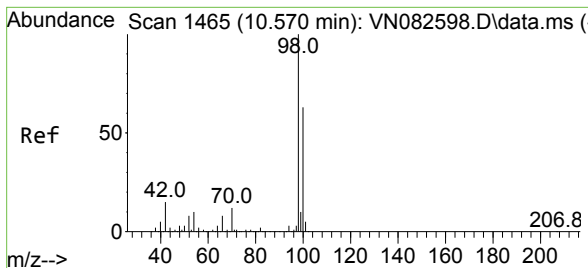
Tgt Ion: 43 Resp: 4306
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#49
1,4-Dioxane
Concen: 82.376 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 88 Resp: 3069
Ion Ratio Lower Upper
88 100
43 57.2 27.8 41.8#
58 73.1 59.4 89.0





#50

Toluene-d8

Concen: 49.402 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

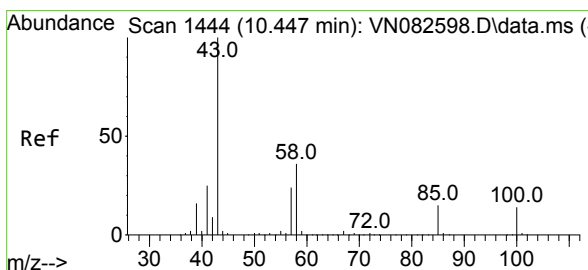
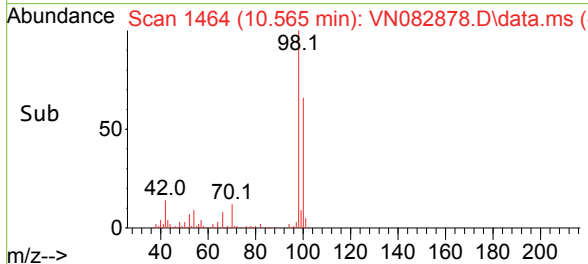
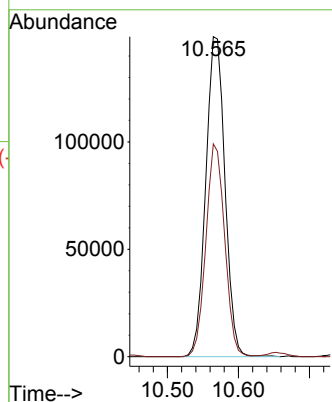
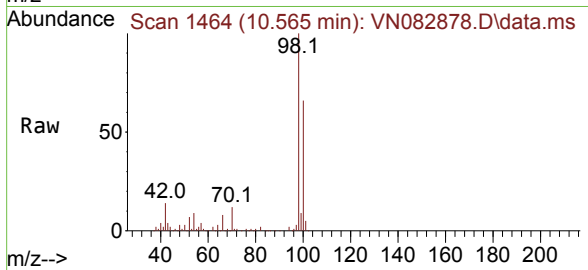
240710076-02-VOA

Tgt Ion: 98 Resp: 279786

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 4.270 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082878.D

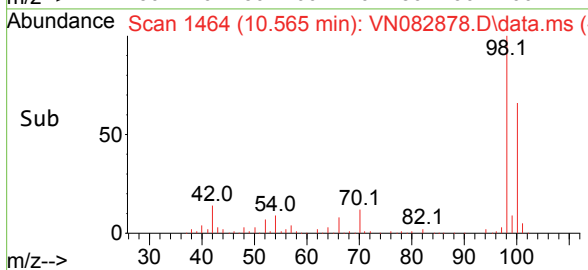
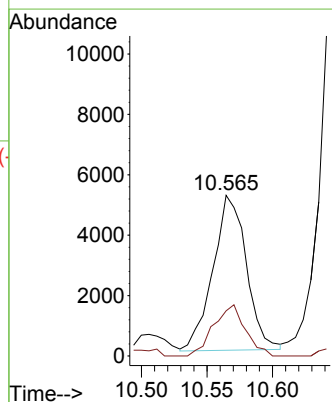
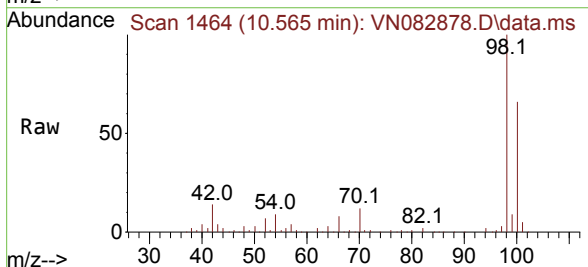
Acq: 11 Jul 2024 15:56

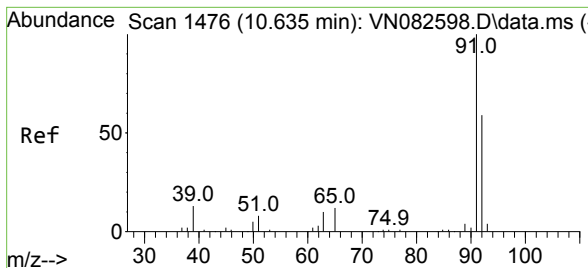
Tgt Ion: 43 Resp: 9111

Ion Ratio Lower Upper

43 100

58 31.3 28.2 42.4





#52

Toluene

Concen: 11.017 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

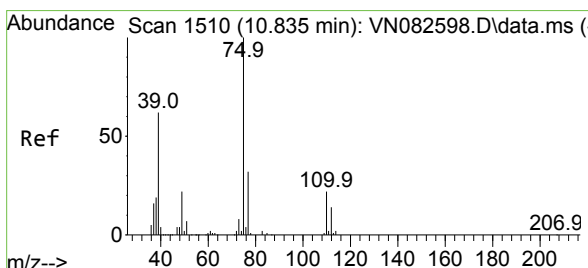
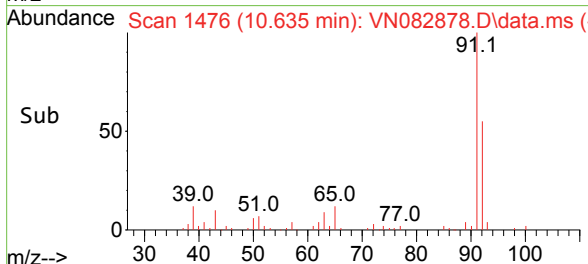
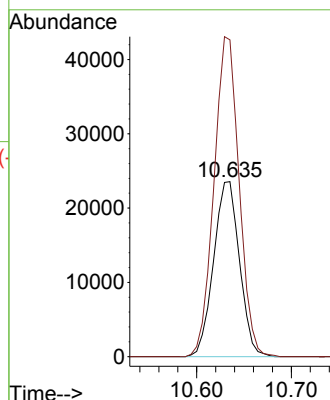
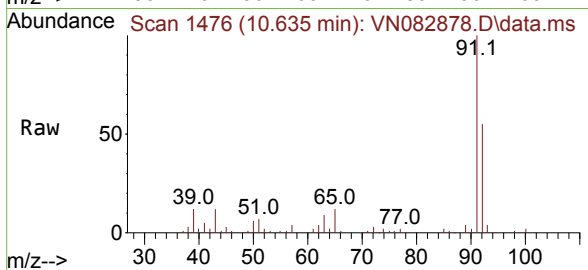
240710076-02-VOA

Tgt Ion: 92 Resp: 44754

Ion Ratio Lower Upper

92 100

91 177.7 139.4 209.0



#53

t-1,3-Dichloropropene

Concen: 0.392 ug/l

RT: 10.741 min Scan# 1494

Delta R.T. -0.094 min

Lab File: VN082878.D

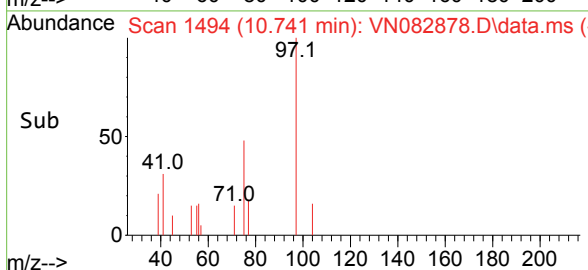
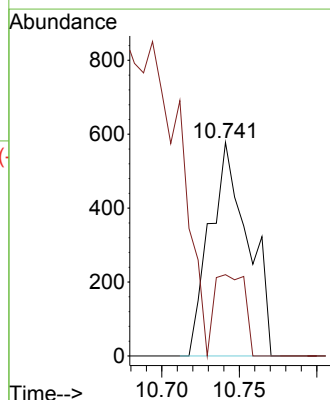
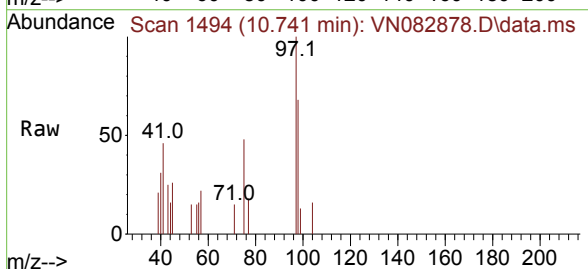
Acq: 11 Jul 2024 15:56

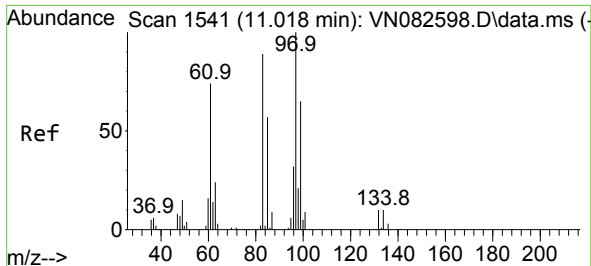
Tgt Ion: 75 Resp: 987

Ion Ratio Lower Upper

75 100

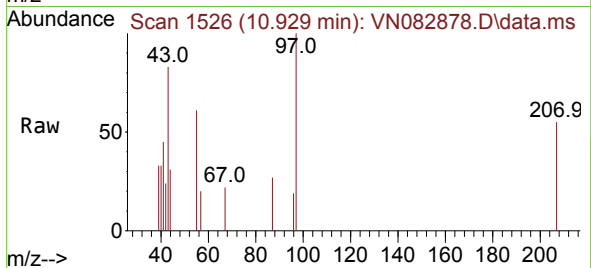
77 38.1 25.7 38.5



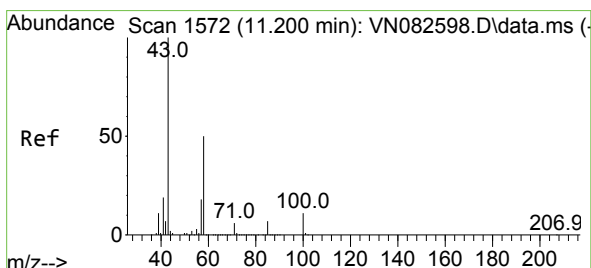
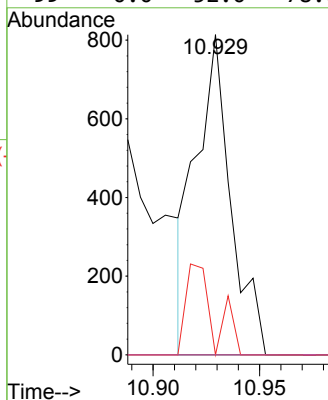
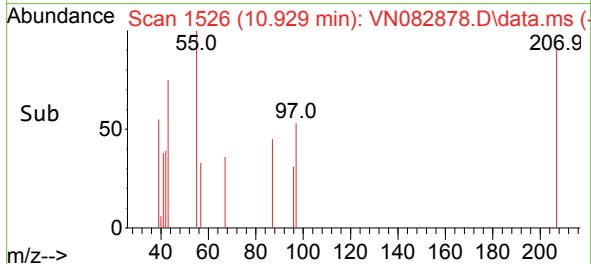


#55
1,1,2-Trichloroethane
Concen: 0.619 ug/l
RT: 10.929 min Scan# 1549
Delta R.T. -0.089 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

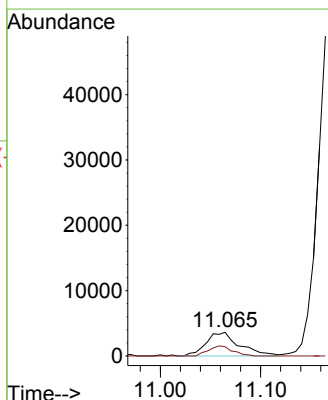
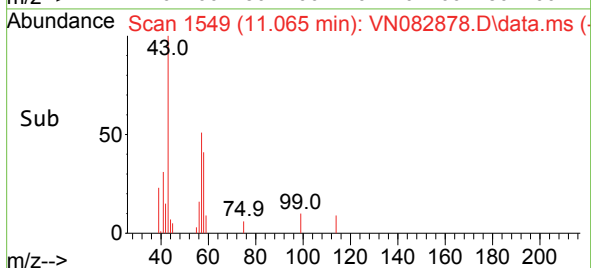
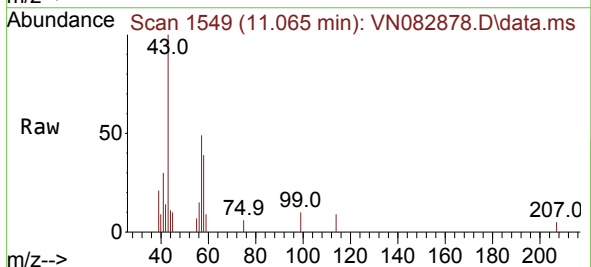


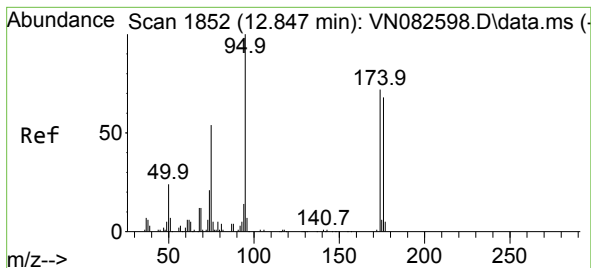
Tgt Ion:	97	Resp:	925
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.4	107.0#
85	0.0	45.8	68.6#
99	0.0	52.0	78.0#



#59
2-Hexanone
Concen: 5.315 ug/l
RT: 11.065 min Scan# 1549
Delta R.T. -0.135 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion:	43	Resp:	8432
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.6	73.8





#62

4-Bromofluorobenzene

Concen: 52.103 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

240710076-02-VOA

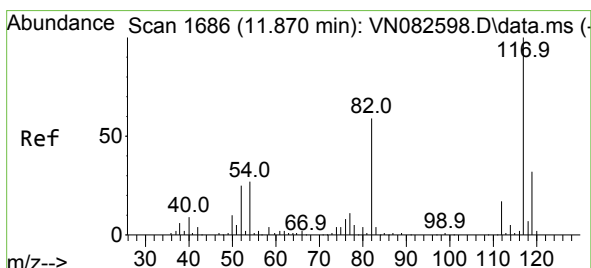
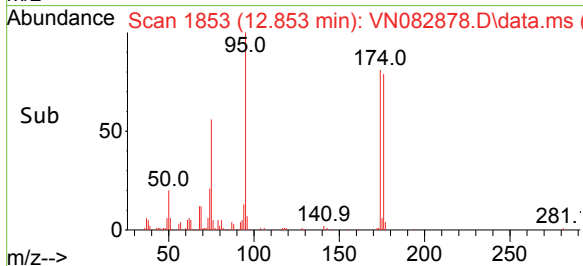
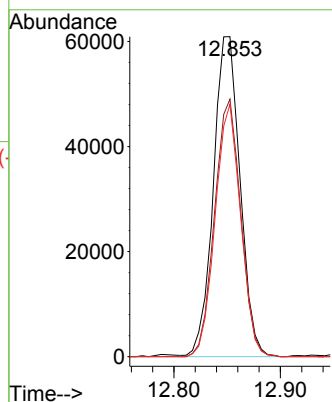
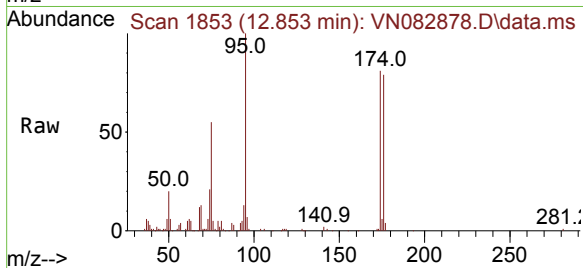
Tgt Ion: 95 Resp: 105997

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.2

176 75.3 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

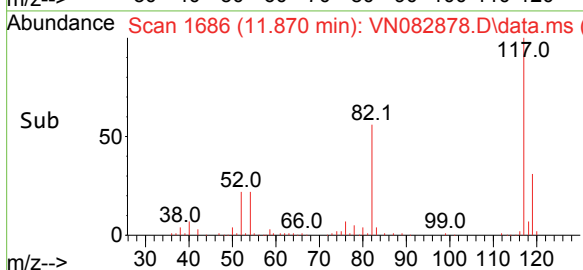
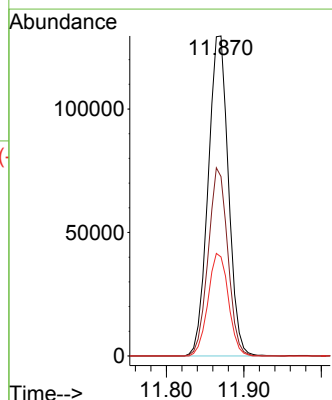
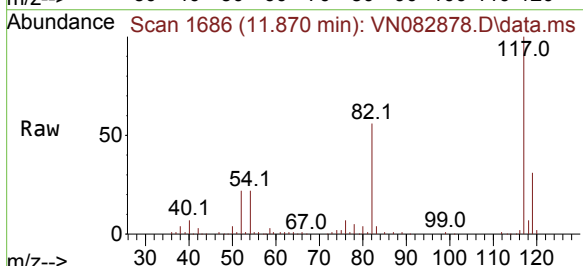
Tgt Ion: 117 Resp: 235511

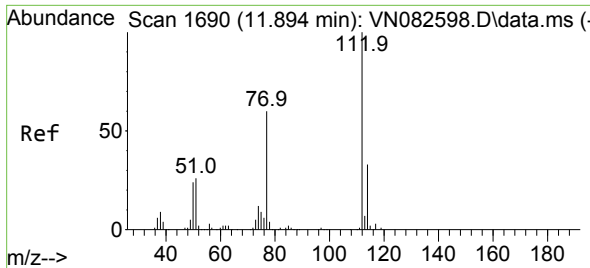
Ion Ratio Lower Upper

117 100

82 56.1 47.5 71.3

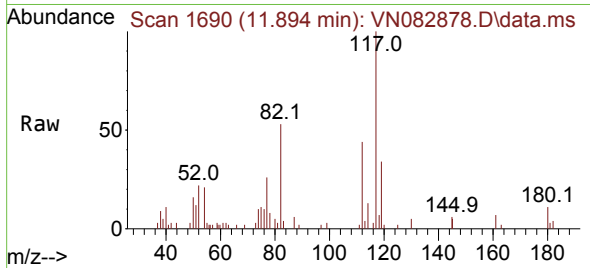
119 30.9 25.6 38.4



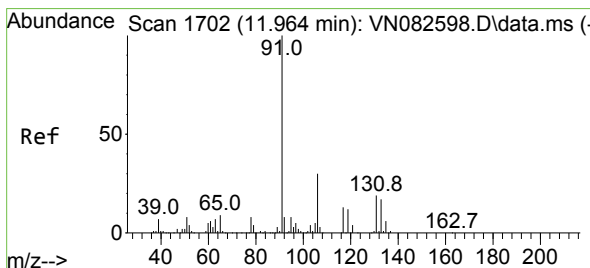
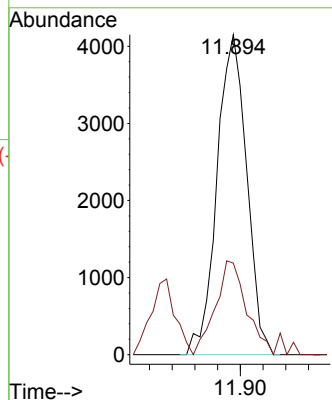
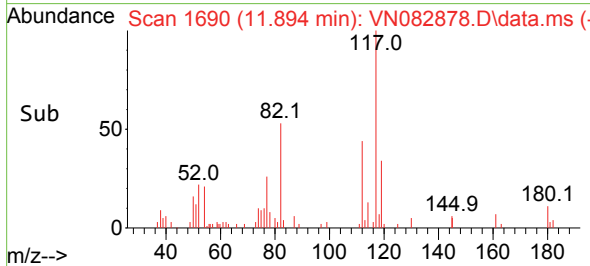


#65
Chlorobenzene
Concen: 1.492 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

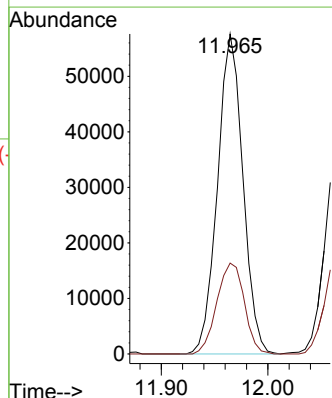
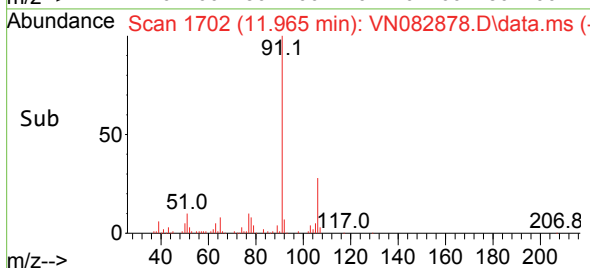
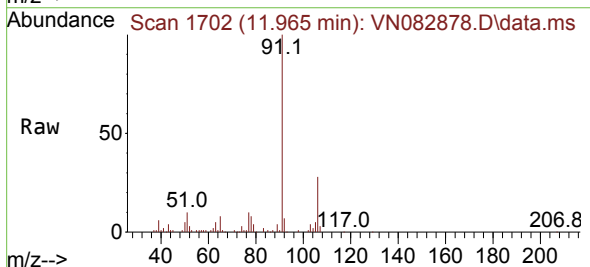


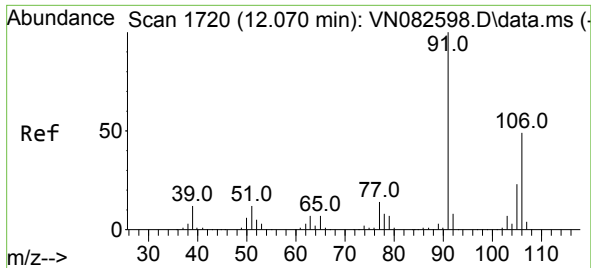
Tgt Ion:112 Resp: 7531
Ion Ratio Lower Upper
112 100
114 21.9 26.2 39.2#



#67
Ethyl Benzene
Concen: 11.235 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 91 Resp: 95292
Ion Ratio Lower Upper
91 100
106 28.4 24.0 36.0

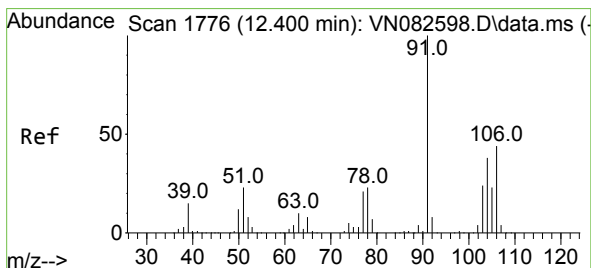
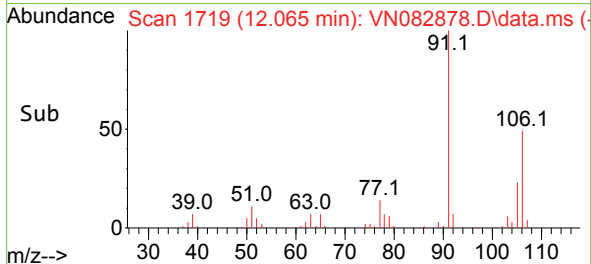
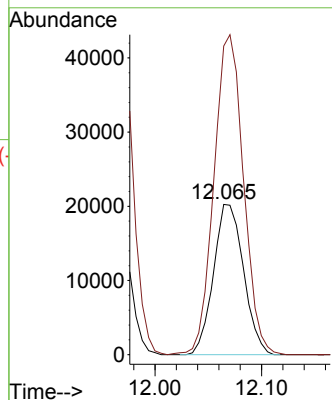
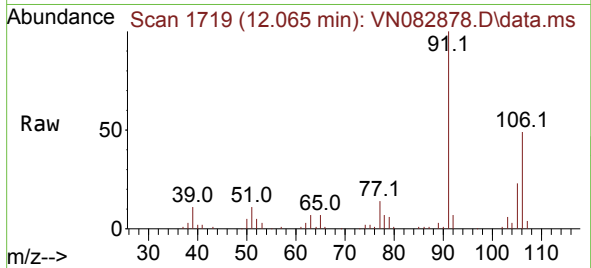




#68
m/p-Xylenes
Concen: 12.398 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

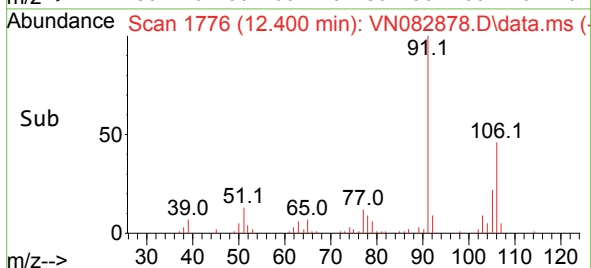
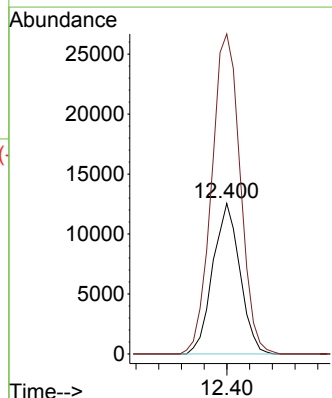
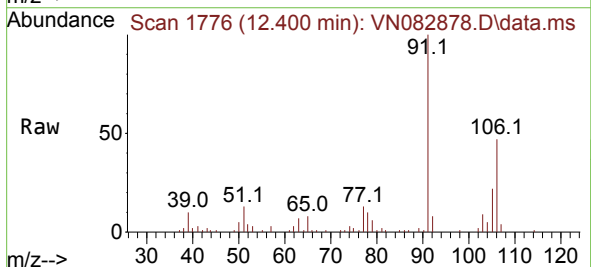
Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

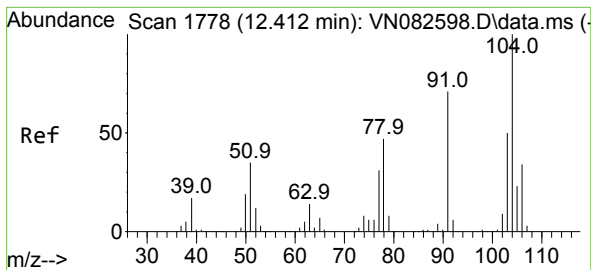
Tgt Ion:106 Resp: 39701
Ion Ratio Lower Upper
106 100
91 209.4 166.1 249.1



#69
o-Xylene
Concen: 6.779 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion:106 Resp: 20801
Ion Ratio Lower Upper
106 100
91 224.2 111.3 333.9





#70

Styrene

Concen: 0.789 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

240710076-02-VOA

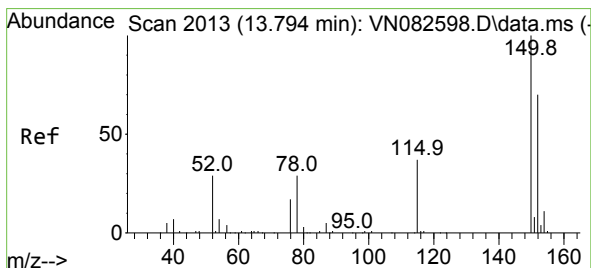
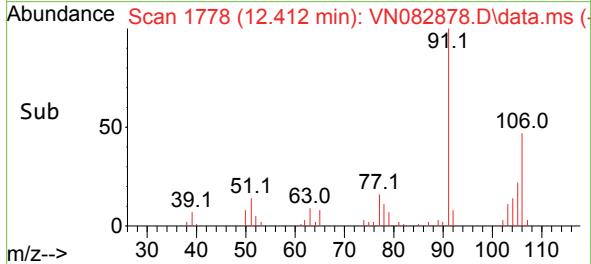
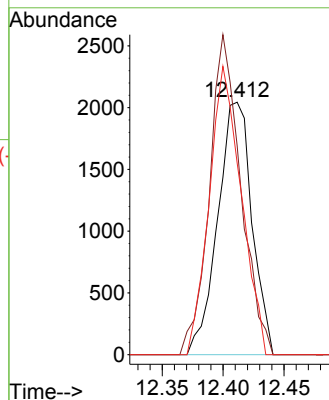
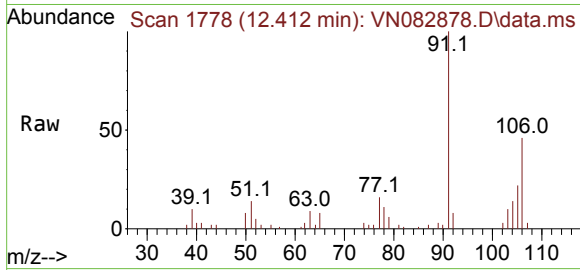
Tgt Ion:104 Resp: 4002

Ion Ratio Lower Upper

104 100

78 116.4 41.6 62.4#

103 106.5 44.0 66.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

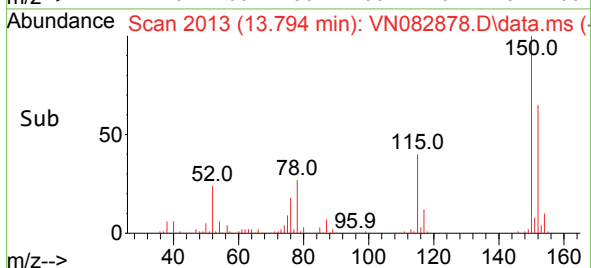
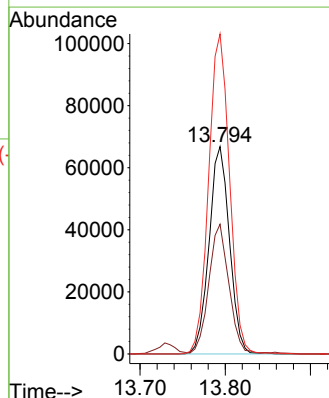
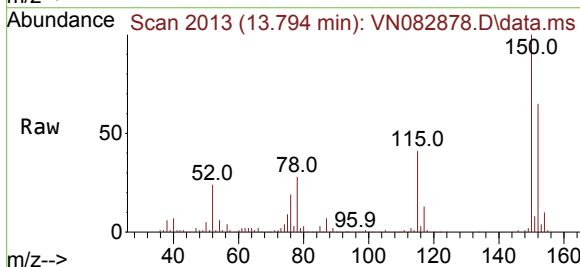
Tgt Ion:152 Resp: 111169

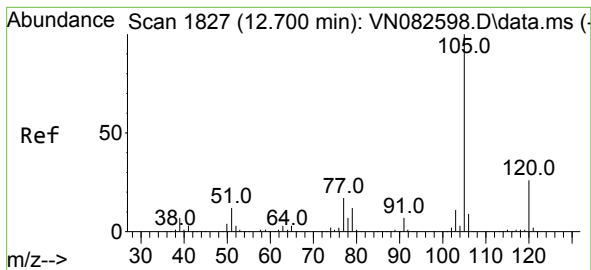
Ion Ratio Lower Upper

152 100

115 60.5 30.6 91.6

150 157.7 0.0 348.6





#73

Isopropylbenzene

Concen: 1.191 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN082878.D

Acq: 11 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

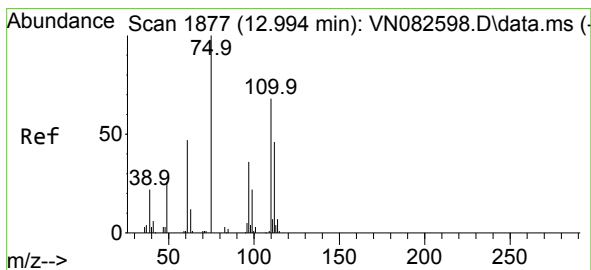
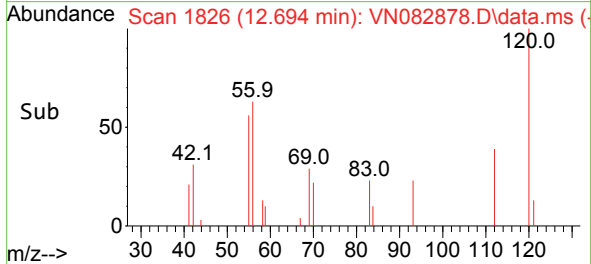
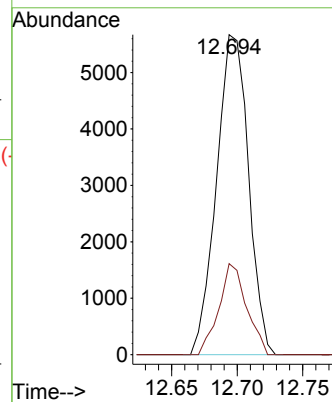
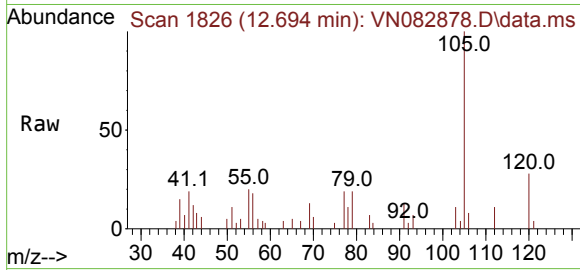
240710076-02-VOA

Tgt Ion:105 Resp: 9617

Ion Ratio Lower Upper

105 100

120 24.6 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 30.935 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082878.D

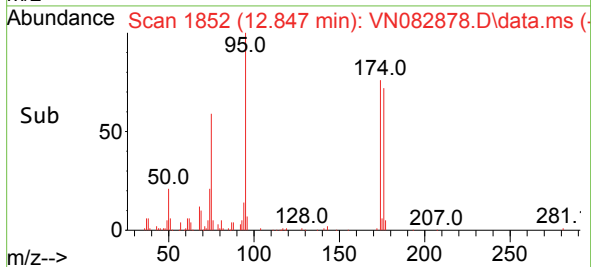
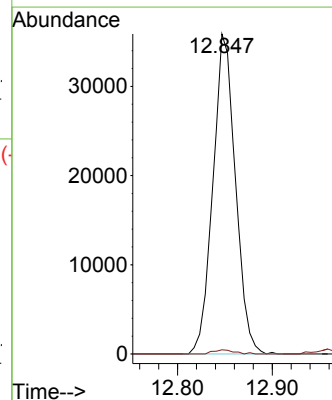
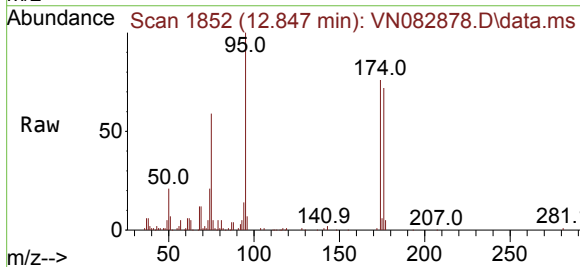
Acq: 11 Jul 2024 15:56

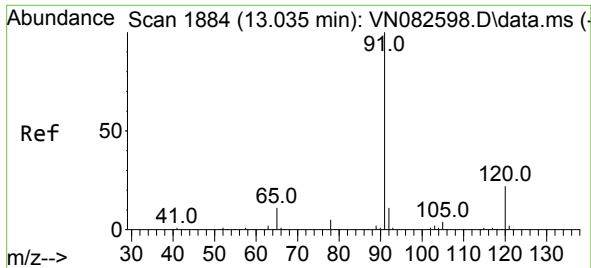
Tgt Ion: 75 Resp: 59291

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#

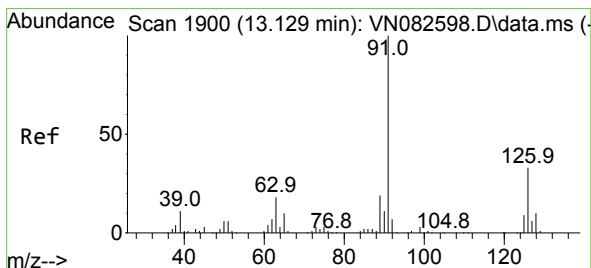
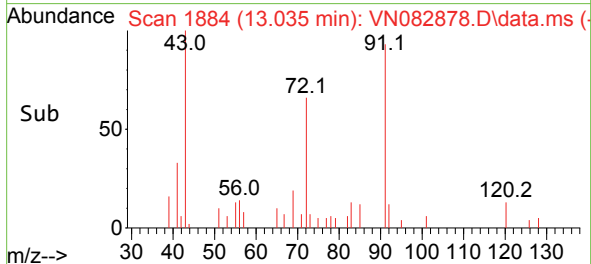
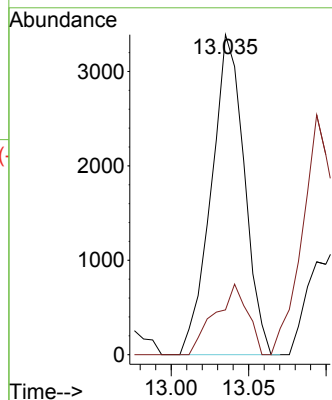
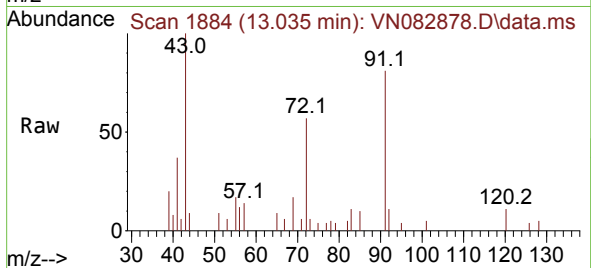




#78
n-propylbenzene
Concen: 0.541 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

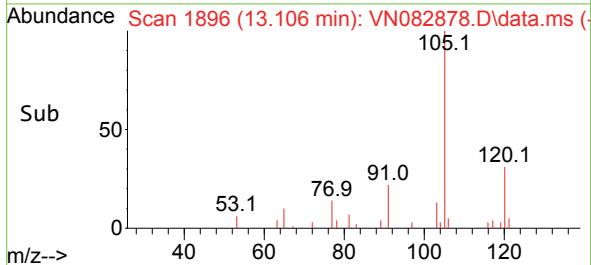
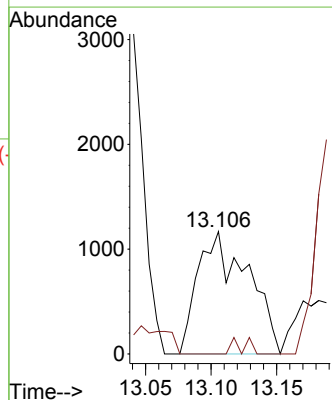
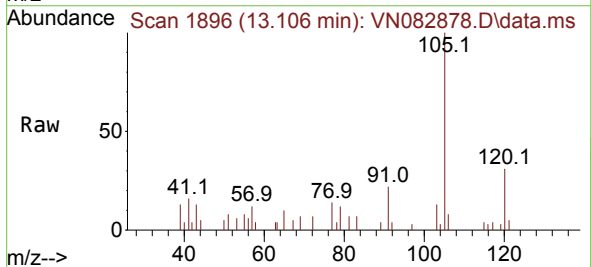
Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

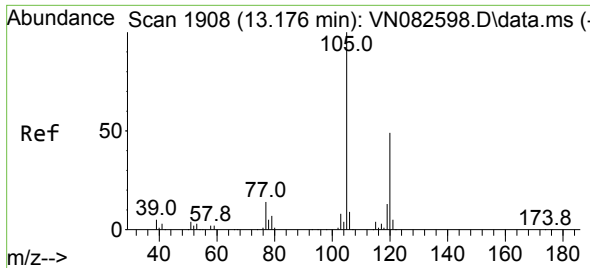
Tgt Ion: 91 Resp: 5022
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9



#79
2-Chlorotoluene
Concen: 0.524 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.023 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 91 Resp: 3102
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

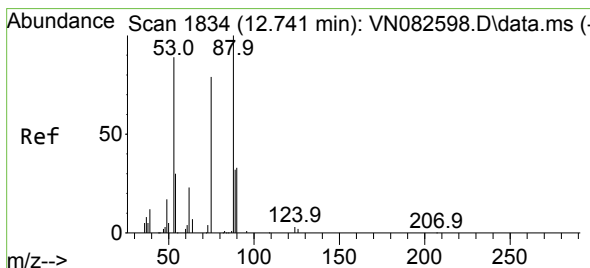
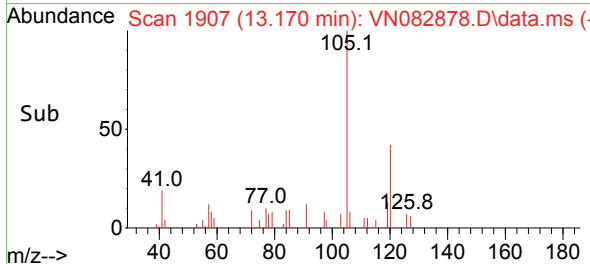
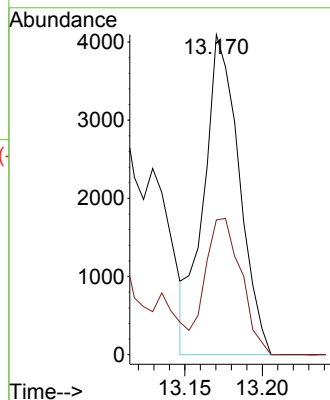
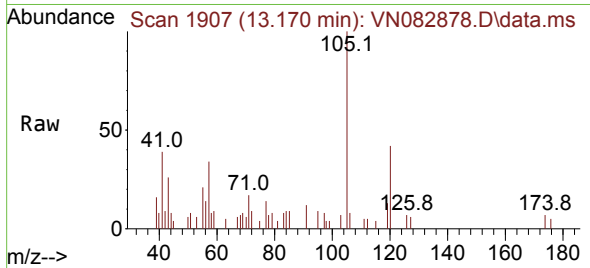




#80
 1,3,5-Trimethylbenzene
 Concen: 0.998 ug/l
 RT: 13.170 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VN082878.D
 Acq: 11 Jul 2024 15:56

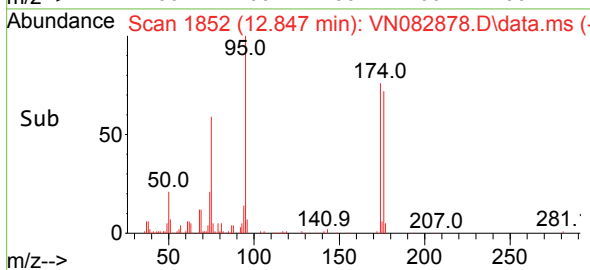
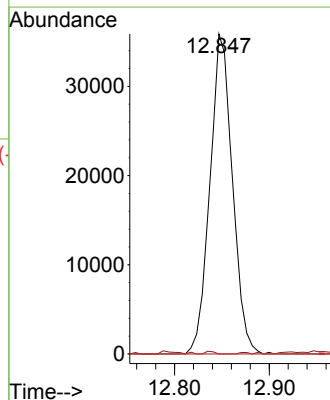
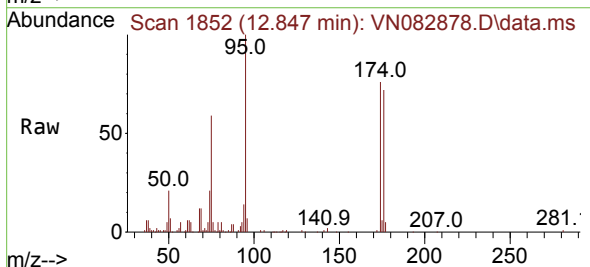
Instrument :
 MSVOA_N
 ClientSampleId :
 240710076-02-VOA

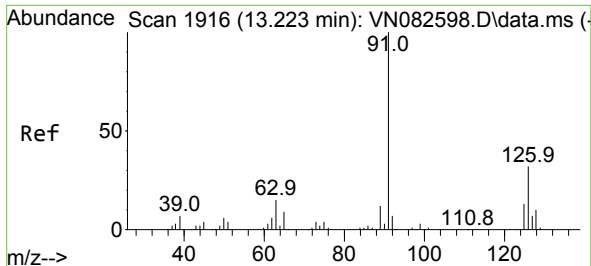
Tgt Ion:105 Resp: 6518
 Ion Ratio Lower Upper
 105 100
 120 42.9 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.841 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN082878.D
 Acq: 11 Jul 2024 15:56

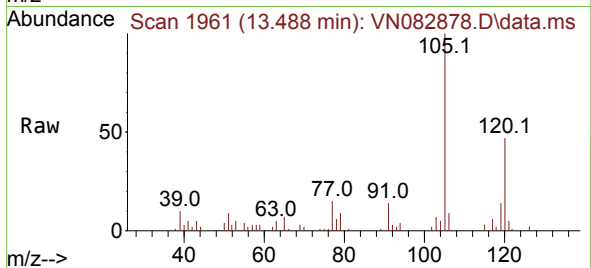
Tgt Ion: 75 Resp: 59291
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.4 132.6#
 89 0.0 36.3 54.5#



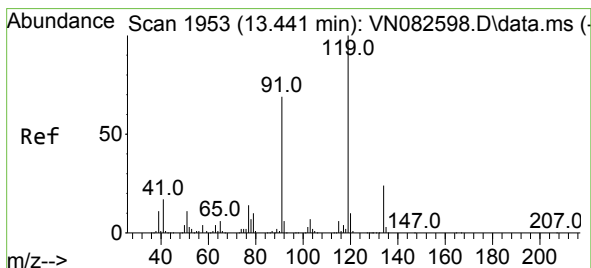
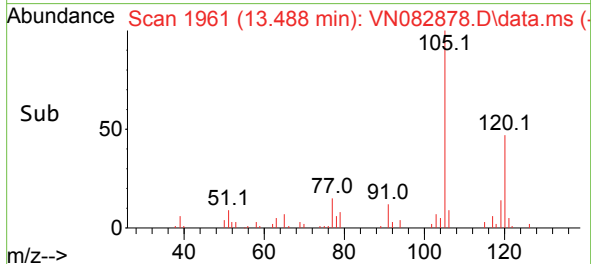
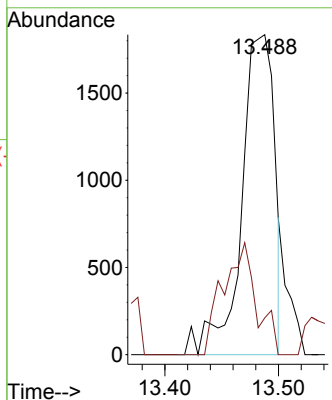


#82
4-Chlorotoluene
Concen: 0.635 ug/l
RT: 13.488 min Scan# 1916
Delta R.T. 0.265 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

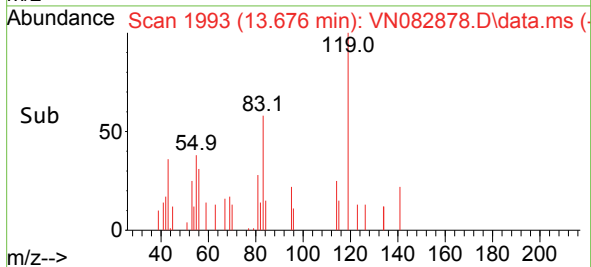
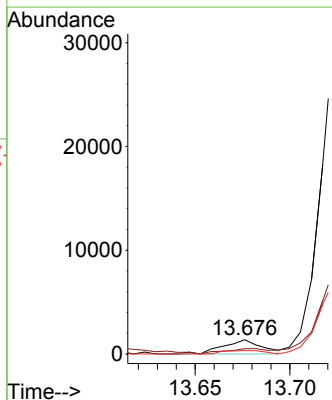
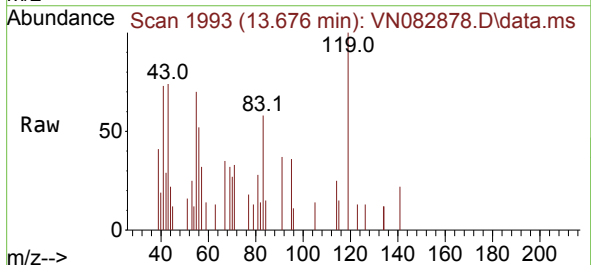


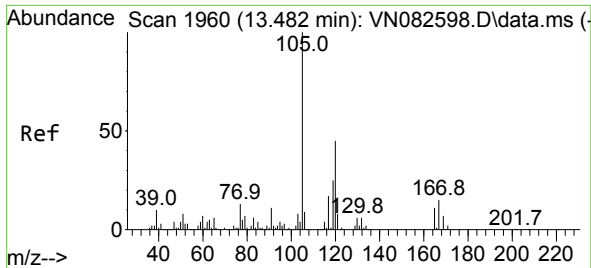
Tgt Ion: 91 Resp: 3720
Ion Ratio Lower Upper
91 100
126 35.1 16.2 48.6



#83
tert-Butylbenzene
Concen: 0.337 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. 0.235 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 119 Resp: 1949
Ion Ratio Lower Upper
119 100
91 39.8 35.0 105.1
134 24.9 13.3 39.8

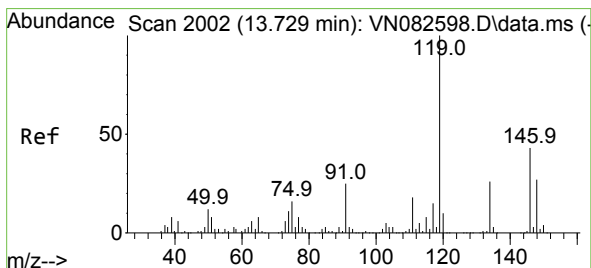
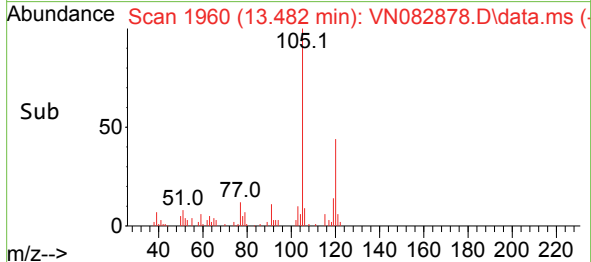
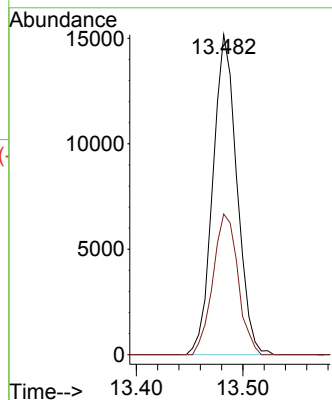
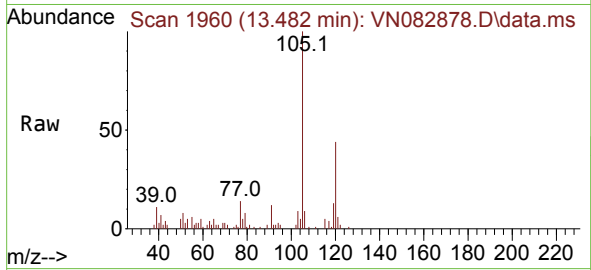




#84
1,2,4-Trimethylbenzene
Concen: 3.575 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

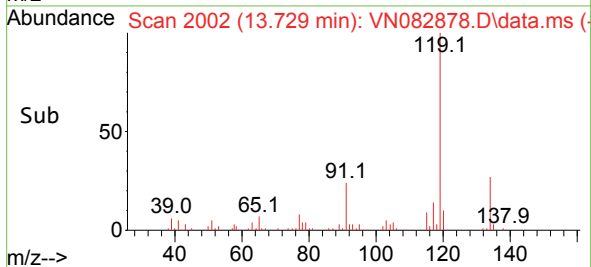
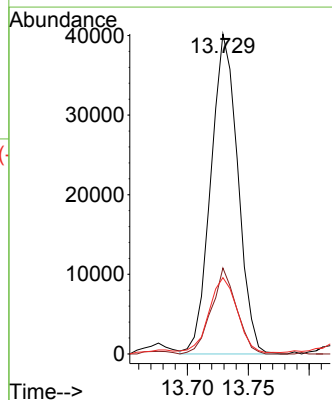
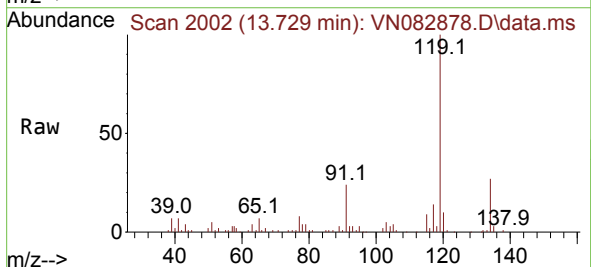
Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

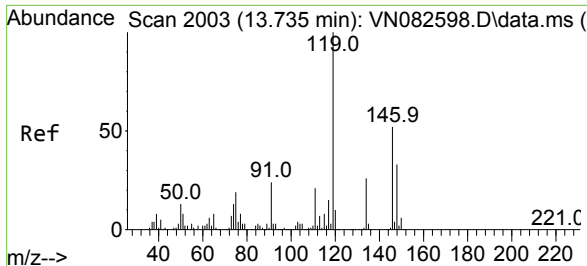
Tgt Ion:105 Resp: 23794
Ion Ratio Lower Upper
105 100
120 45.8 21.9 65.8



#86
p-Isopropyltoluene
Concen: 9.526 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion:119 Resp: 62172
Ion Ratio Lower Upper
119 100
134 24.8 13.0 39.0
91 24.1 12.3 36.9

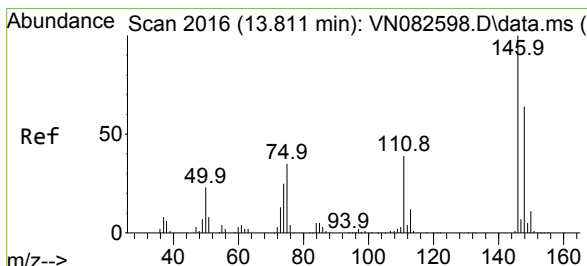
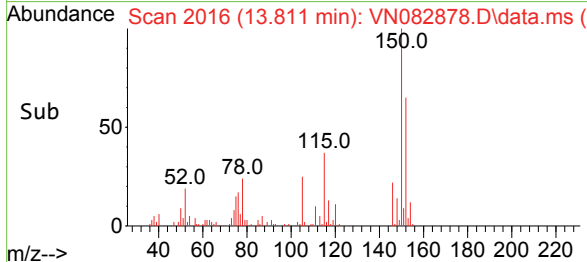
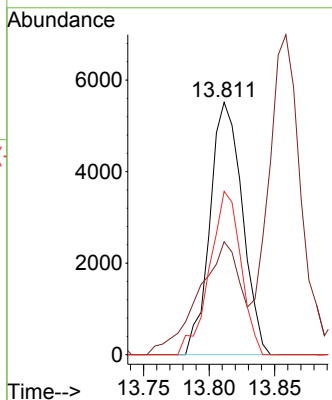
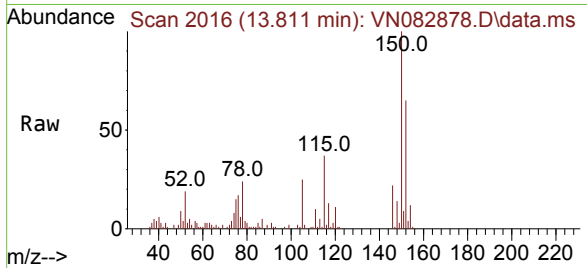




#87
 1,3-Dichlorobenzene
 Concen: 2.507 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.076 min
 Lab File: VN082878.D
 Acq: 11 Jul 2024 15:56

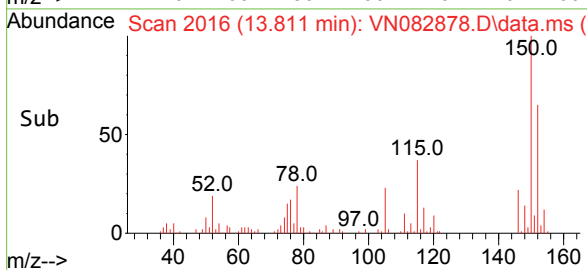
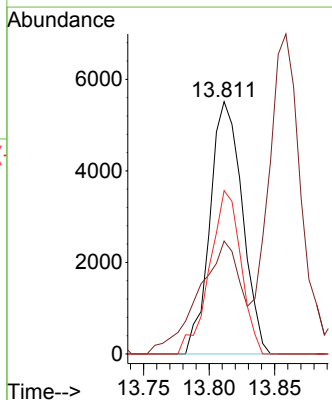
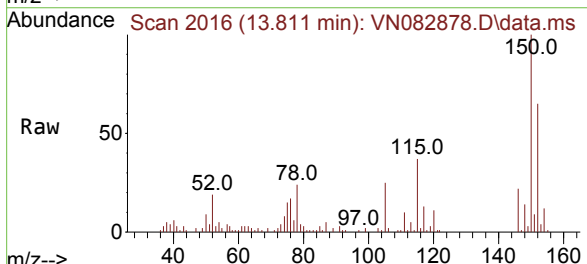
Instrument :
 MSVOA_N
 ClientSampleId :
 240710076-02-VOA

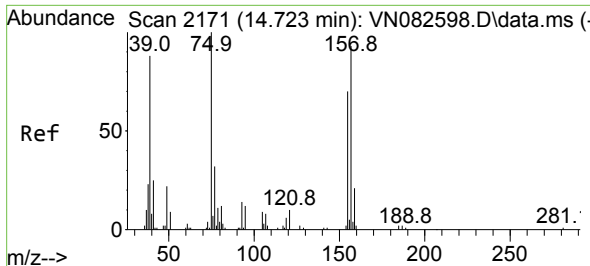
Tgt Ion:146 Resp: 9439
 Ion Ratio Lower Upper
 146 100
 111 58.5 20.6 61.9
 148 62.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 2.424 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082878.D
 Acq: 11 Jul 2024 15:56

Tgt Ion:146 Resp: 9439
 Ion Ratio Lower Upper
 146 100
 111 58.5 20.1 60.3
 148 62.7 32.2 96.6

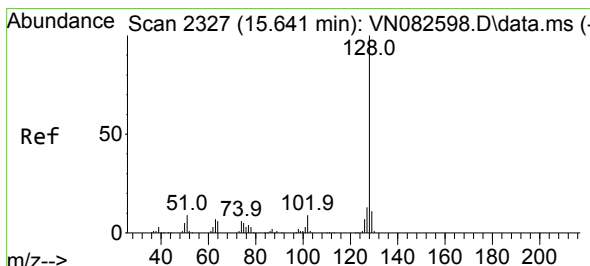
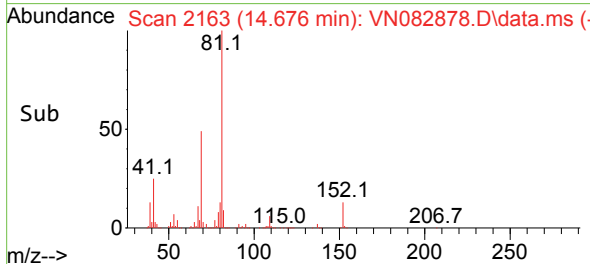
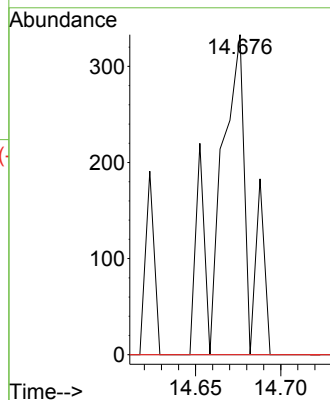
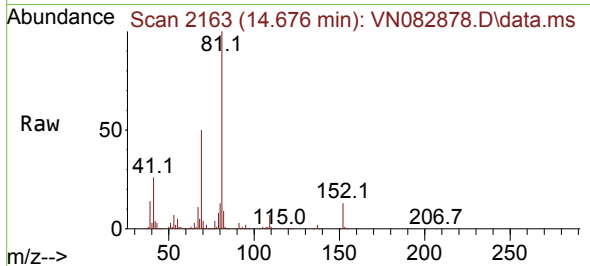




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.752 ug/l
RT: 14.676 min Scan# 2171
Delta R.T. -0.047 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

Tgt Ion: 75 Resp: 421
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.8#
157 0.0 46.9 140.6#



#95
Naphthalene
Concen: 21.665 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082878.D
Acq: 11 Jul 2024 15:56

Tgt Ion: 128 Resp: 146100
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.7 8.6 12.8

