

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082664.D
 Acq On : 20 Jun 2024 13:34
 Operator : JC\MD
 Sample : P2981-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 02:05:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	149182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	258886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	260335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125973	52.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.320%	
35) Dibromofluoromethane	8.171	113	91826	52.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	10.571	98	341146	51.366	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.853	95	120197	52.493	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 104.980%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	537	0.215	ug/l #	43
4) Vinyl Chloride	2.518	62	566	0.238	ug/l #	66
8) Diethyl Ether	3.965	74	4243	4.018	ug/l	89
11) Tert butyl alcohol	5.524	59	2180965	5570.204	ug/l	99
14) Allyl chloride	4.942	41	16432	5.058	ug/l #	34
15) Acrylonitrile	5.524	53	22522	21.791	ug/l #	20
16) Acetone	4.424	43	399400	367.093	ug/l	97
17) Carbon Disulfide	4.712	76	16896	3.203	ug/l #	94
18) Methyl Acetate	5.024	43	2544	0.956	ug/l #	71
19) Methyl tert-butyl Ether	5.794	73	15033	2.644	ug/l #	83
25) 2-Butanone	7.483	43	587298	379.768	ug/l	98
26) 2,2-Dichloropropane	7.441	77	104706	32.705	ug/l #	56
27) cis-1,2-Dichloroethene	7.488	96	1005	0.472	ug/l #	11
28) Bromochloromethane	7.830	49	842	0.500	ug/l #	21
29) Tetrahydrofuran	7.841	42	675294	713.306	ug/l	99
31) Cyclohexane	8.230	56	4588	1.329	ug/l #	32
36) 1,1-Dichloropropene	8.383	75	827	0.315	ug/l #	43
37) Ethyl Acetate	7.483	43	587298	175.613	ug/l #	72
38) Carbon Tetrachloride	8.224	117	16055	5.426	ug/l #	17
40) Benzene	8.606	78	39987	4.929	ug/l	96
41) Methacrylonitrile	7.841	41	402335	235.356	ug/l #	51
42) 1,2-Dichloroethane	8.677	62	1511	0.490	ug/l #	78
43) Isopropyl Acetate	8.718	43	5200	0.832	ug/l #	60
48) Methyl methacrylate	9.677	41	671	0.260	ug/l #	46
49) 1,4-Dioxane	9.706	88	3840	95.283	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	20269	6.323	ug/l #	83
52) Toluene	10.629	92	21878	4.450	ug/l	99
59) 2-Hexanone	11.059	43	16465	6.758	ug/l	65
65) Chlorobenzene	11.894	112	8110	1.358	ug/l	89
67) Ethyl Benzene	11.965	91	48595	4.777	ug/l	98
68) m/p-Xylenes	12.070	106	22441	5.930	ug/l	97
69) o-Xylene	12.400	106	13513	3.801	ug/l	96
70) Styrene	12.412	104	2476	0.410	ug/l #	9
73) Isopropylbenzene	12.700	105	9967	1.126	ug/l	98
74) N-amyl acetate	12.459	43	6782	1.435	ug/l #	46
76) 1,2,3-Trichloropropane	12.853	75	68257	23.938	ug/l #	1

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

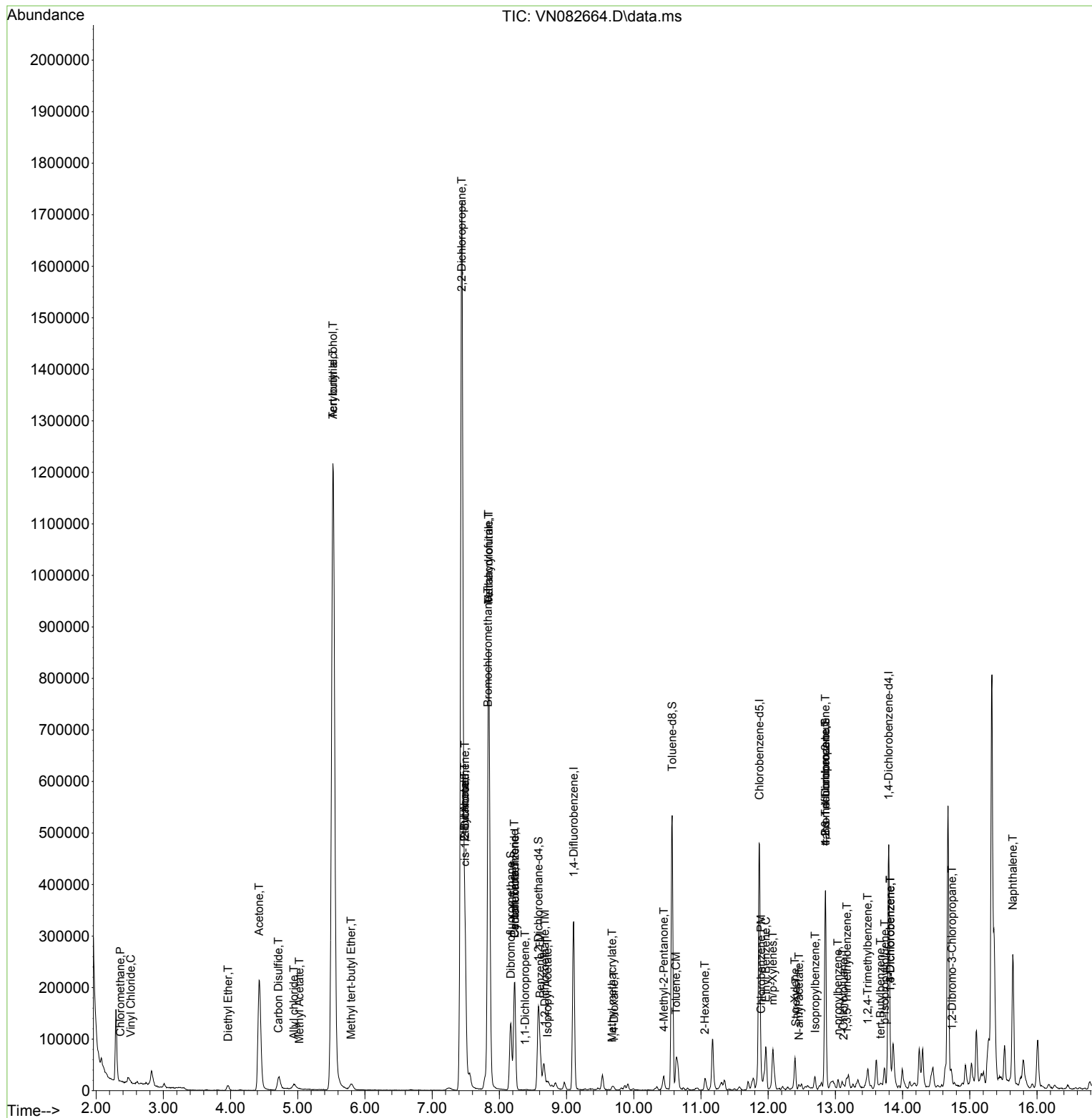
78) n-propylbenzene	13.035	91	5783	0.552	ug/l	96
79) 2-Chlorotoluene	13.123	91	2628	0.400	ug/l #	57
80) 1,3,5-Trimethylbenzene	13.170	105	3593	0.500	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.853	75	68257	57.270	ug/l #	6
83) tert-Butylbenzene	13.670	119	1881	0.307	ug/l	83
84) 1,2,4-Trimethylbenzene	13.482	105	17843	2.476	ug/l	97
86) p-Isopropyltoluene	13.735	119	17936	2.563	ug/l	94
87) 1,3-Dichlorobenzene	13.817	146	14652	3.546	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	14652	3.393	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.735	75	177	0.290	ug/l #	7
95) Naphthalene	15.641	128	221431	33.835	ug/l	100

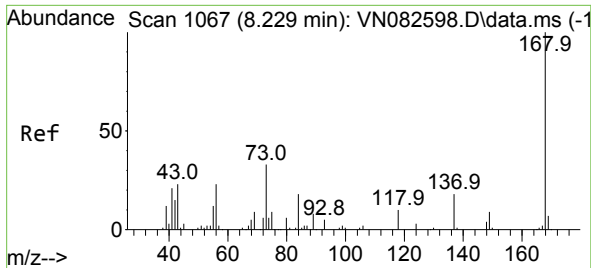
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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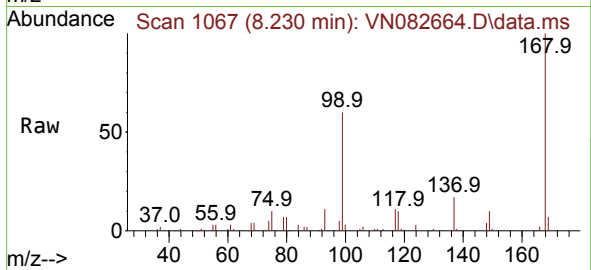
Quant Time: Jun 21 02:05:26 2024
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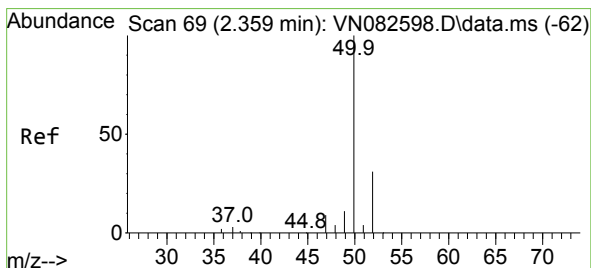
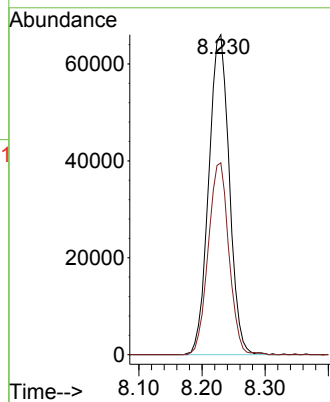
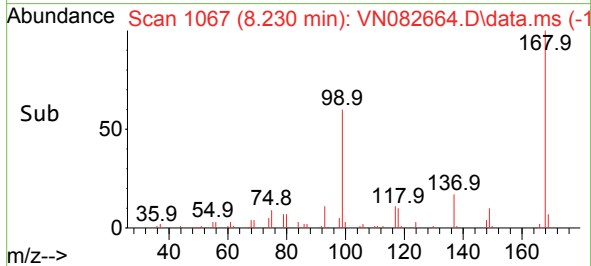


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

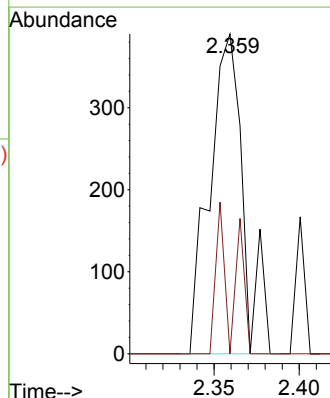
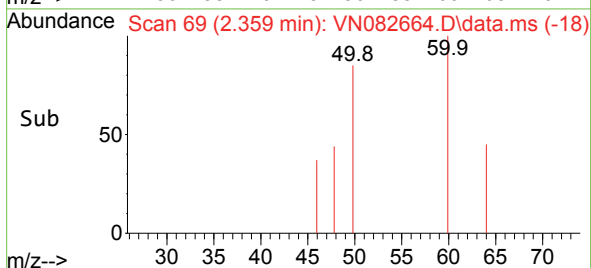
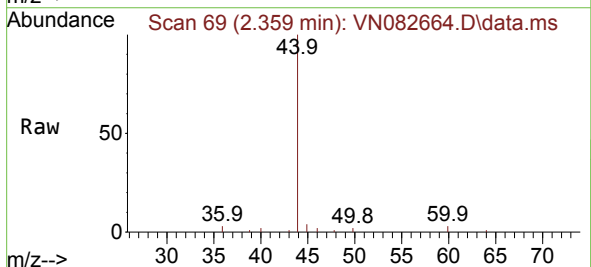


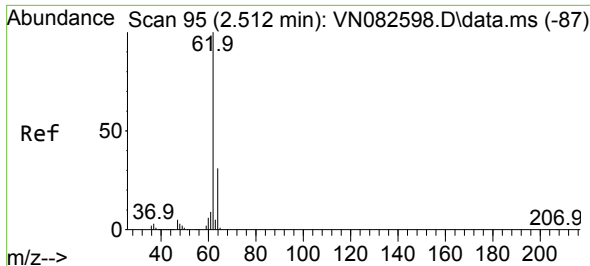
Tgt Ion:168 Resp: 149182
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 50 Resp: 537
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

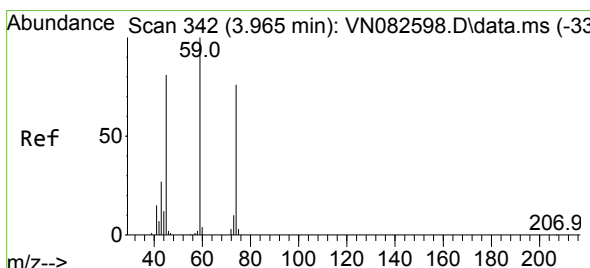
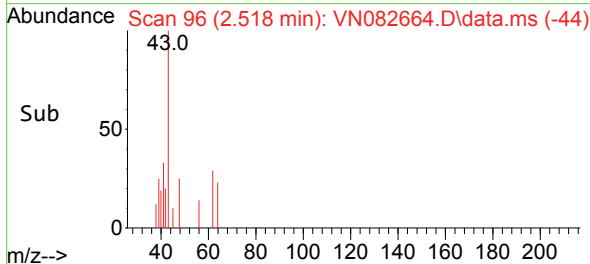
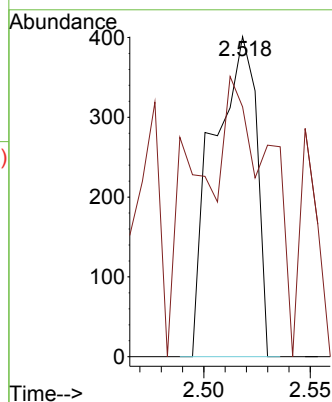
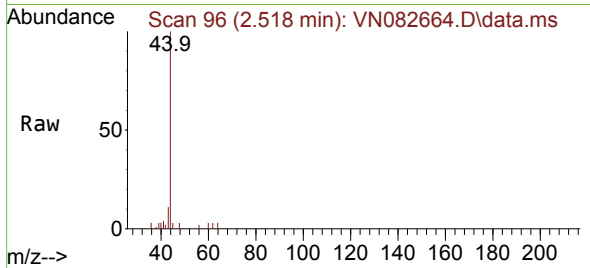




#4
 Vinyl Chloride
 Concen: 0.238 ug/l
 RT: 2.518 min Scan# 95
 Delta R.T. 0.006 min
 Lab File: VN082664.D
 Acq: 20 Jun 2024 13:34

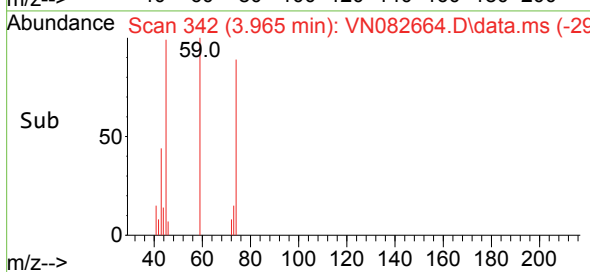
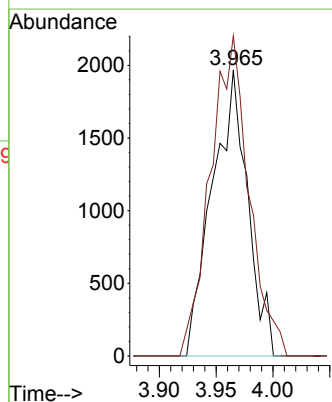
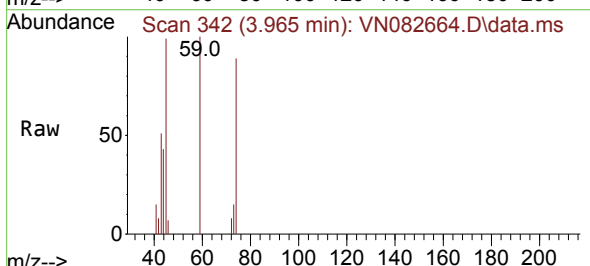
Instrument :
 MSVOA_N
 ClientSampleId :

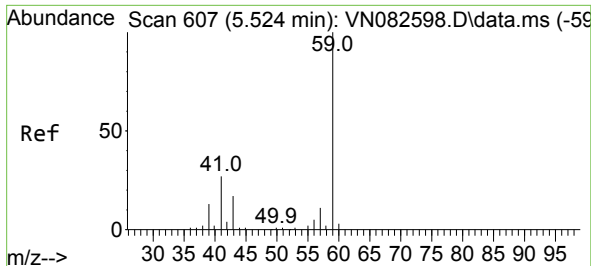
Tgt Ion: 62 Resp: 566
 Ion Ratio Lower Upper
 62 100
 64 12.5 25.0 37.6#



#8
 Diethyl Ether
 Concen: 4.018 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN082664.D
 Acq: 20 Jun 2024 13:34

Tgt Ion: 74 Resp: 4243
 Ion Ratio Lower Upper
 74 100
 45 122.2 55.5 166.3

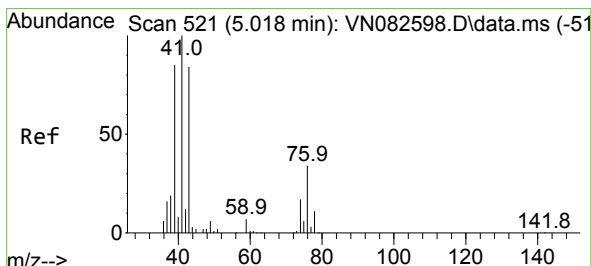
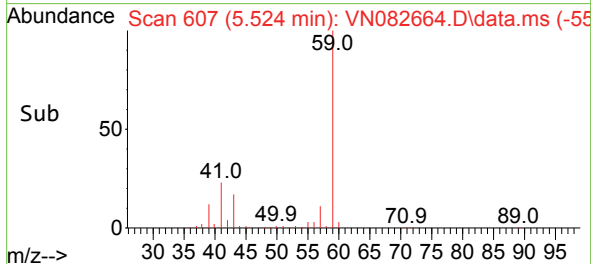
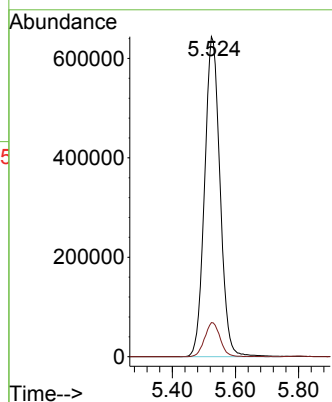
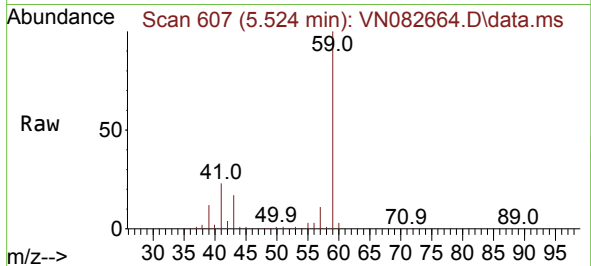




#11
Tert butyl alcohol
Concen: 5570.204 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

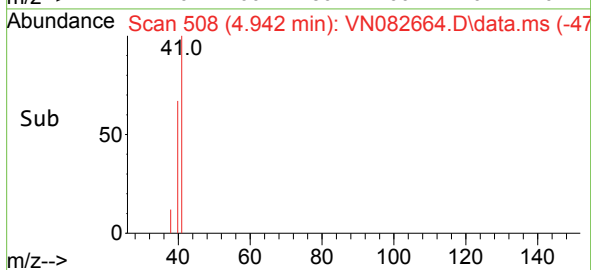
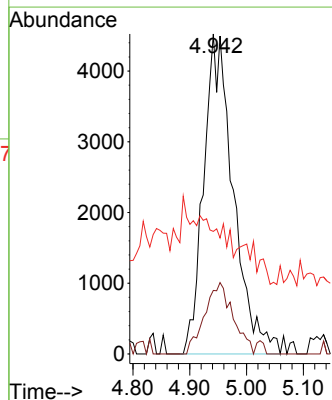
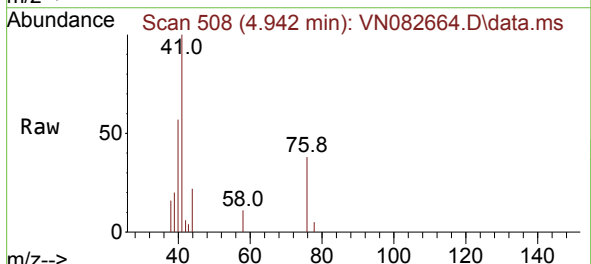
Instrument :
MSVOA_N
ClientSampleId :

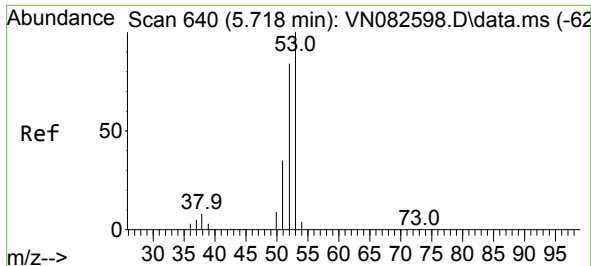
Tgt Ion: 59 Resp: 2180965
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3



#14
Allyl chloride
Concen: 5.058 ug/l
RT: 4.942 min Scan# 508
Delta R.T. -0.076 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

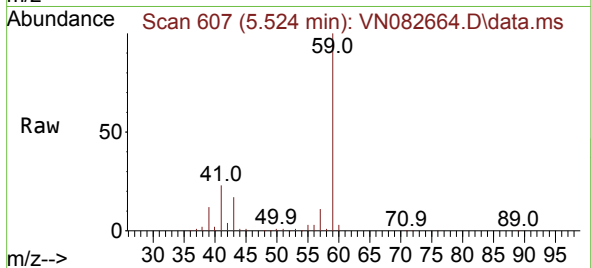
Tgt Ion: 41 Resp: 16432
Ion Ratio Lower Upper
41 100
39 21.3 67.8 101.6#
76 0.0 25.8 38.8#



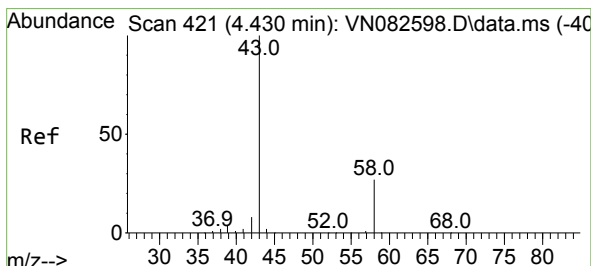
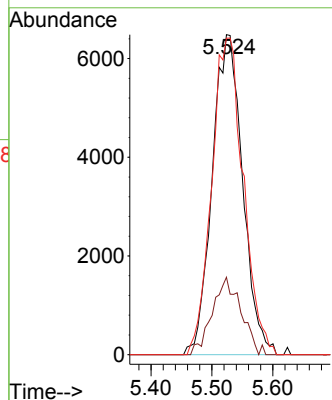
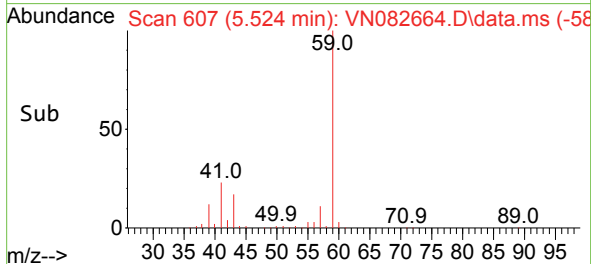


#15
Acrylonitrile
Concen: 21.791 ug/l
RT: 5.524 min Scan# 60
Delta R.T. -0.194 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

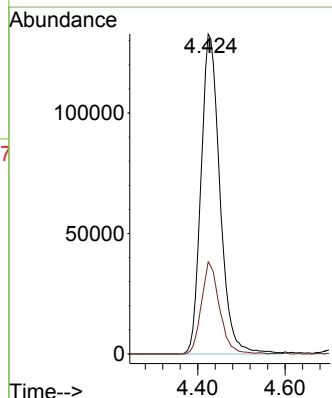
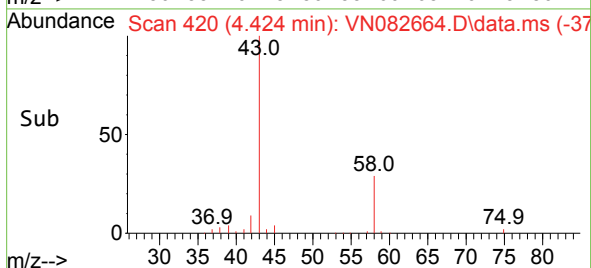
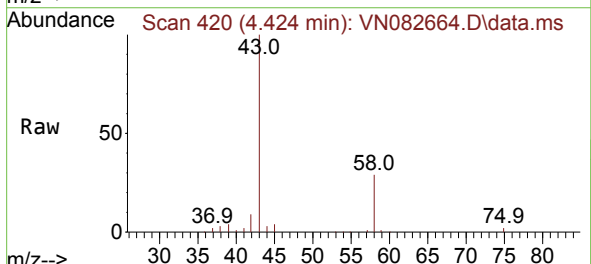


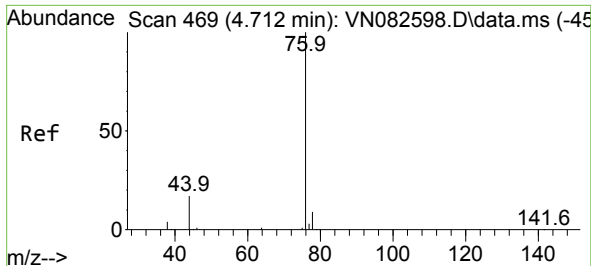
Tgt Ion: 53 Resp: 22522
Ion Ratio Lower Upper
53 100
52 22.9 66.6 100.0#
51 102.7 30.1 45.1#



#16
Acetone
Concen: 367.093 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 43 Resp: 399400
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.6

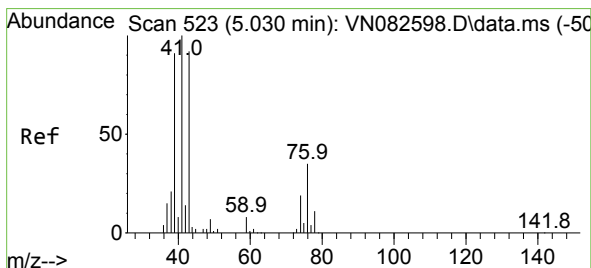
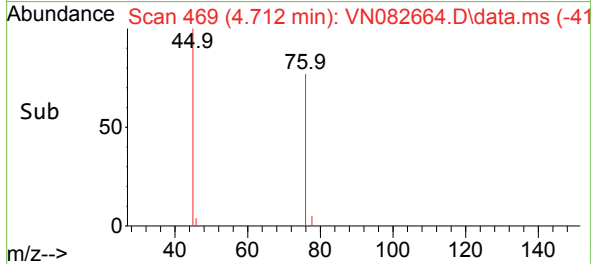
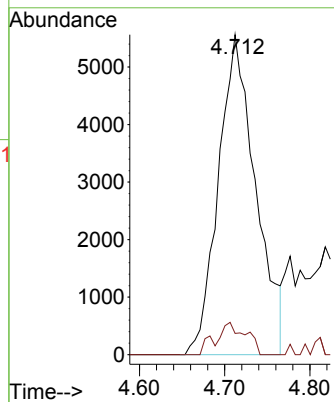
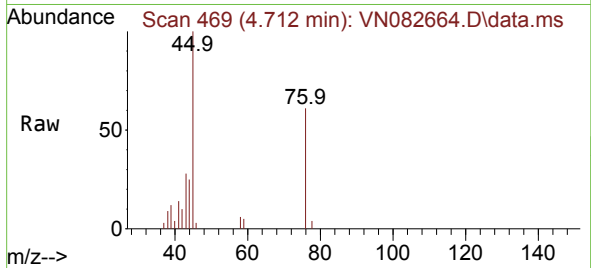




#17
Carbon Disulfide
Concen: 3.203 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

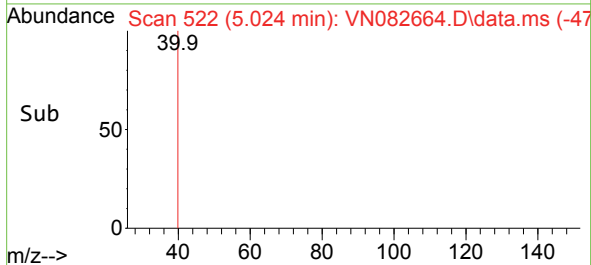
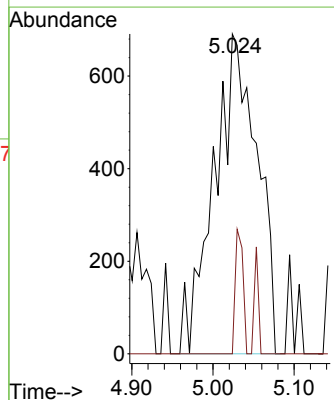
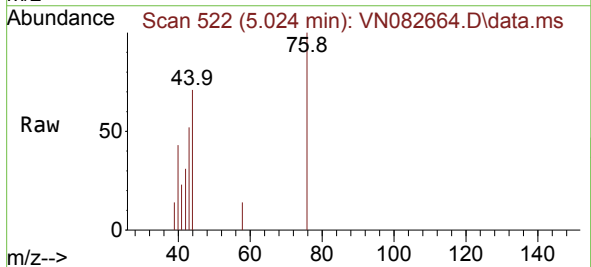
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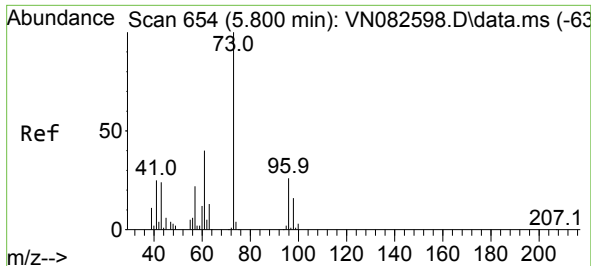
Tgt Ion: 76 Resp: 16896
Ion Ratio Lower Upper
76 100
78 6.7 7.2 10.8#



#18
Methyl Acetate
Concen: 0.956 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 43 Resp: 2544
Ion Ratio Lower Upper
43 100
74 6.9 16.3 24.5#





#19

Methyl tert-butyl Ether

Concen: 2.644 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.006 min

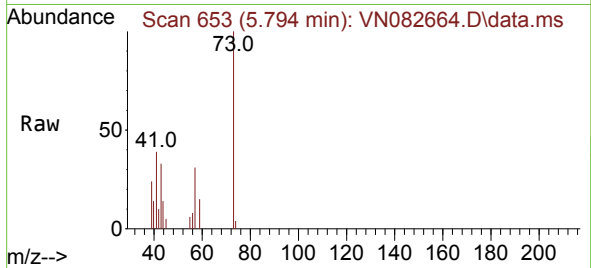
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Acq: 20 Jun 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

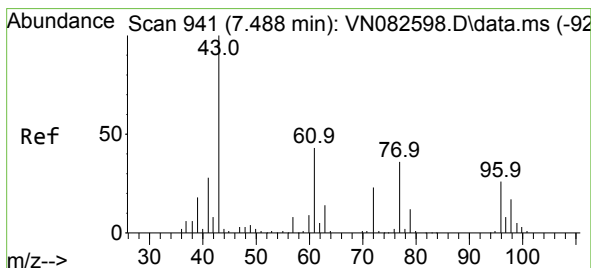
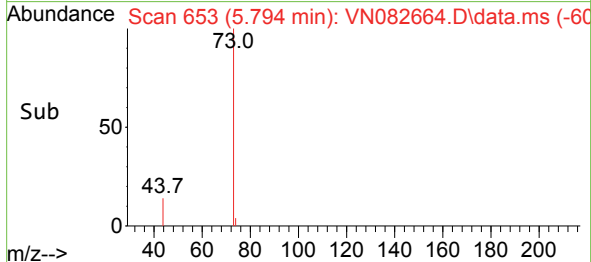
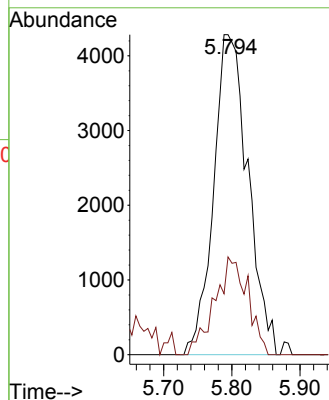


Tgt Ion: 73 Resp: 15033

Ion Ratio Lower Upper

73 100

57 30.5 17.9 26.9#



#25

2-Butanone

Concen: 379.768 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN082664.D

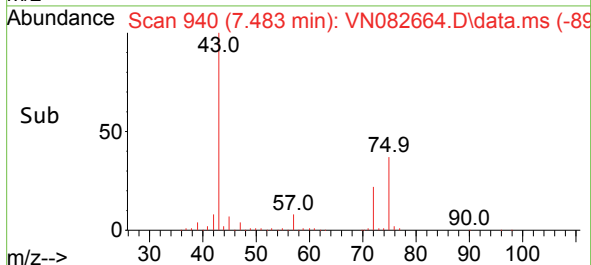
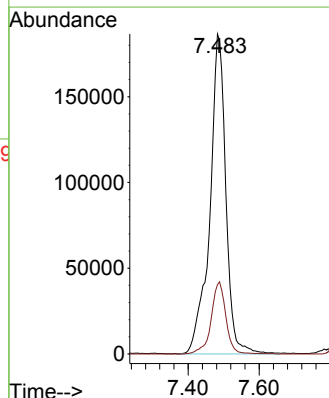
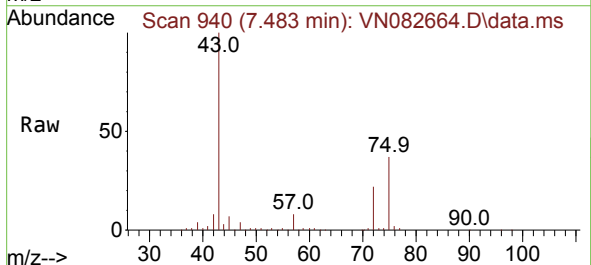
Acq: 20 Jun 2024 13:34

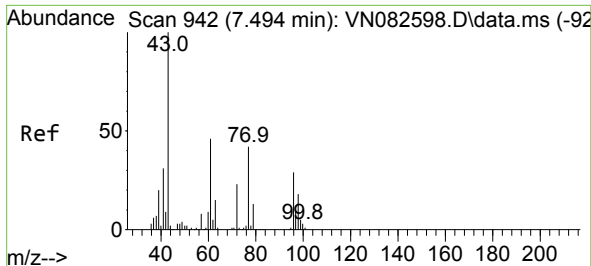
Tgt Ion: 43 Resp: 587298

Ion Ratio Lower Upper

43 100

72 21.6 18.2 27.2

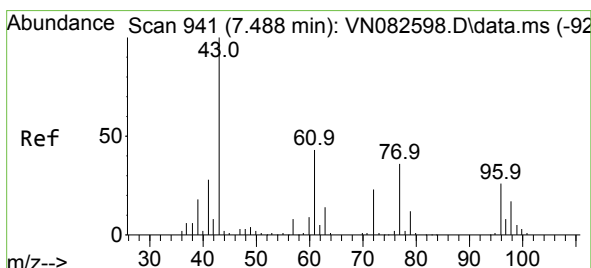
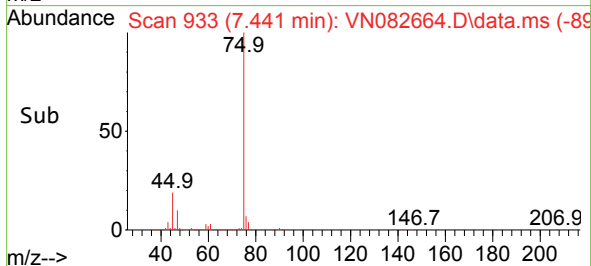
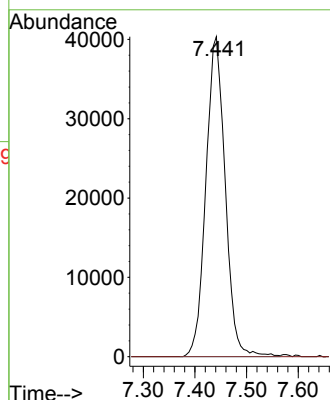
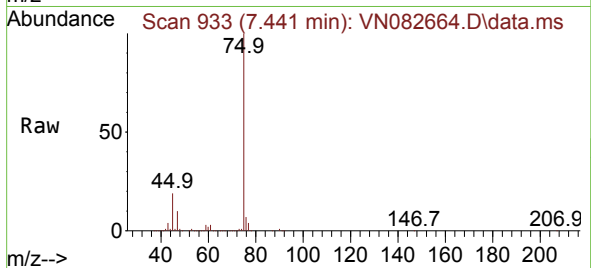




#26
2,2-Dichloropropane
Concen: 32.705 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

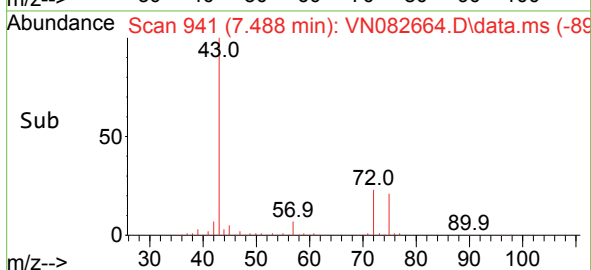
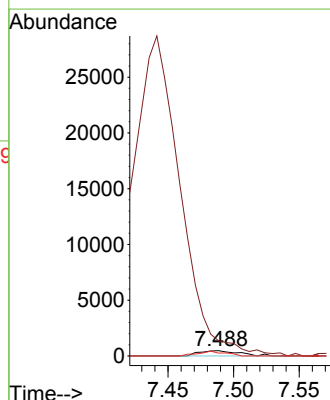
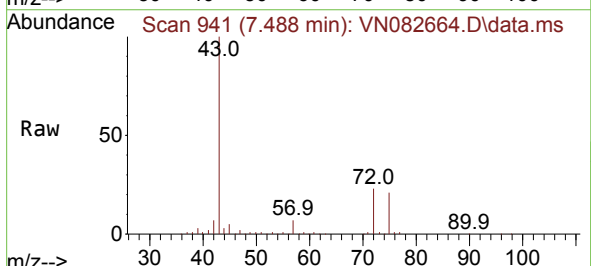
Instrument :
MSVOA_N
ClientSampleId :

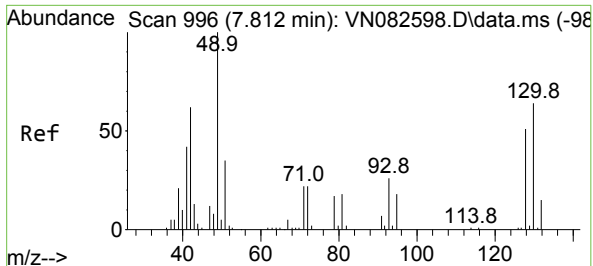
Tgt Ion: 77 Resp: 104706
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#27
cis-1,2-Dichloroethene
Concen: 0.472 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 96 Resp: 1005
Ion Ratio Lower Upper
96 100
61 0.0 0.0 329.6
98 61.5 0.0 128.6

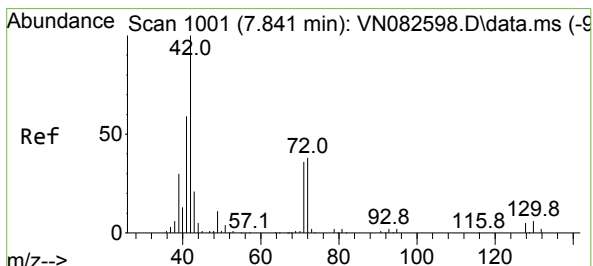
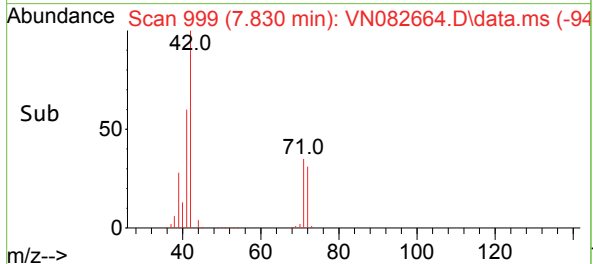
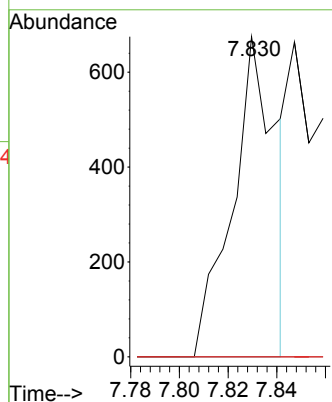
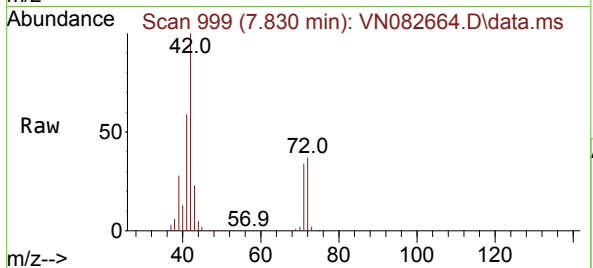




#28
Bromochloromethane
Concen: 0.500 ug/l
RT: 7.830 min Scan# 996
Delta R.T. 0.018 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

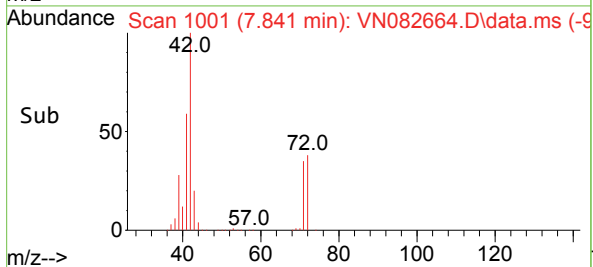
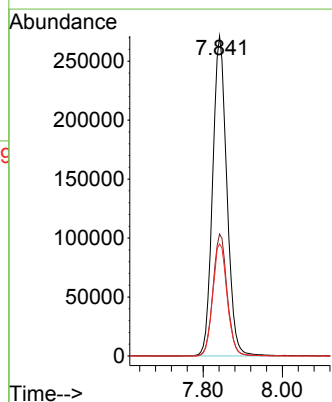
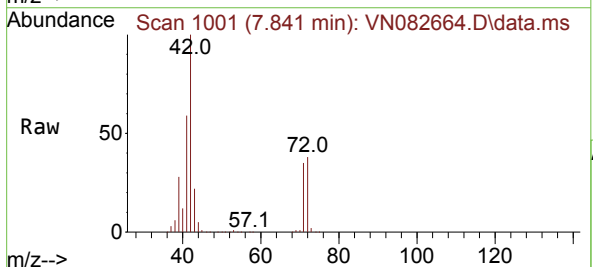
Instrument :
MSVOA_N
ClientSampleId :

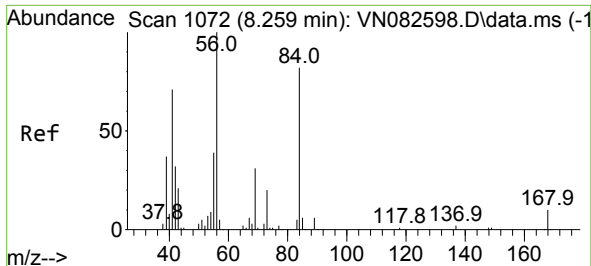
Tgt Ion: 49 Resp: 842
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 50.5 75.7#



#29
Tetrahydrofuran
Concen: 713.306 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

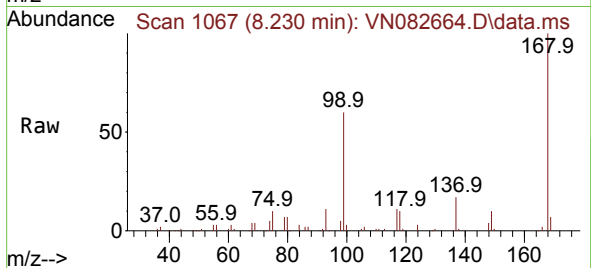
Tgt Ion: 42 Resp: 675294
Ion Ratio Lower Upper
42 100
72 38.0 30.0 45.0
71 35.6 28.3 42.5



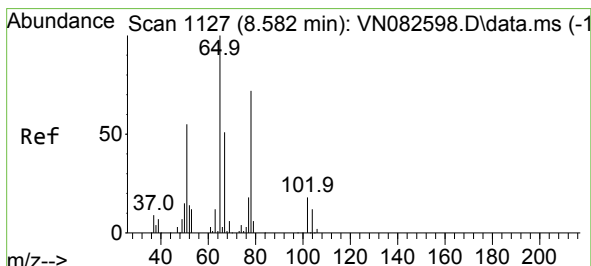
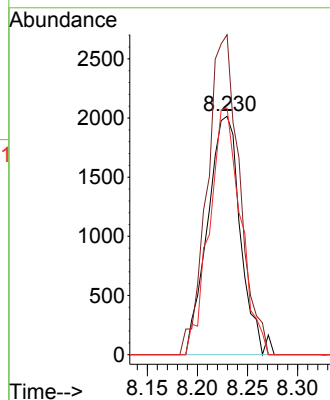
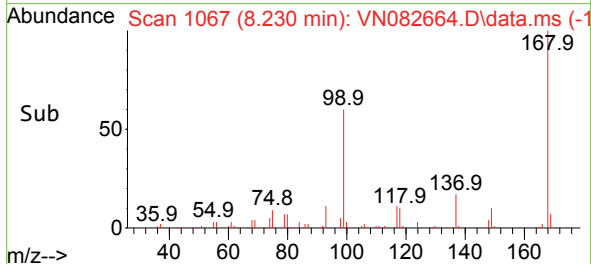


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

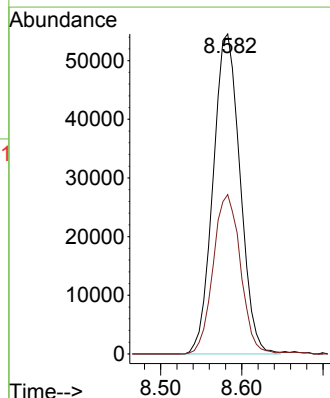
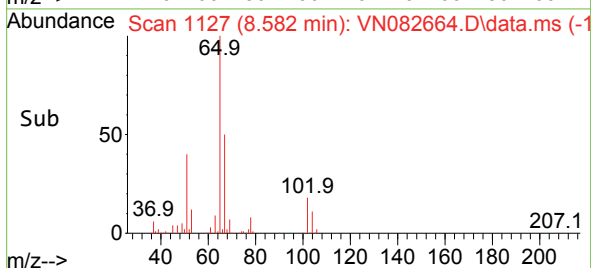
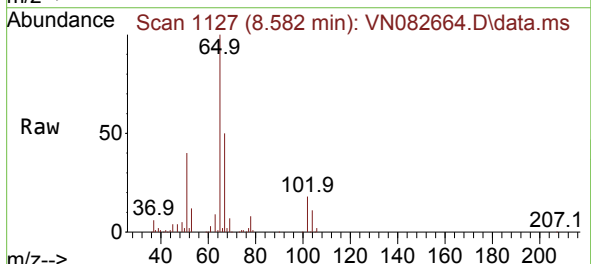


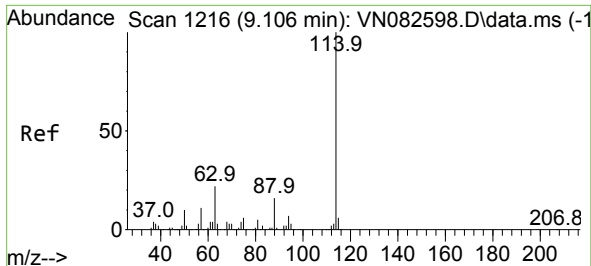
Tgt Ion: 56 Resp: 4588
Ion Ratio Lower Upper
56 100
69 134.3 24.5 36.7#
84 103.5 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 52.657 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

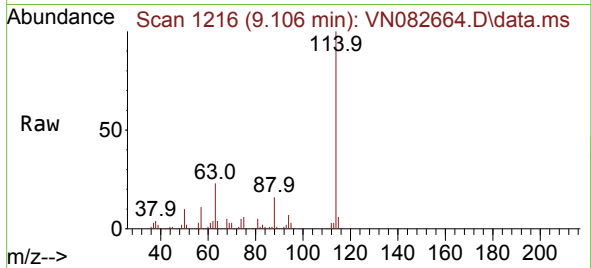
Tgt Ion: 65 Resp: 125973
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4



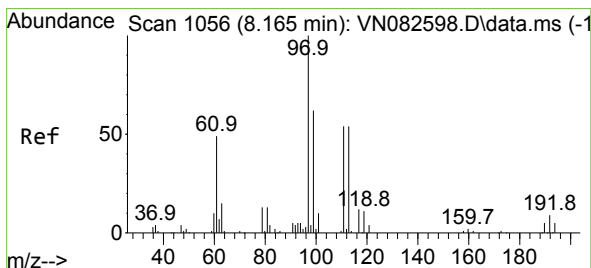
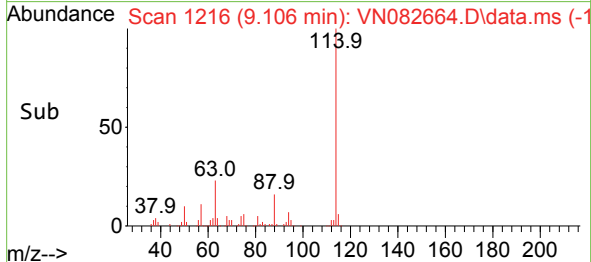
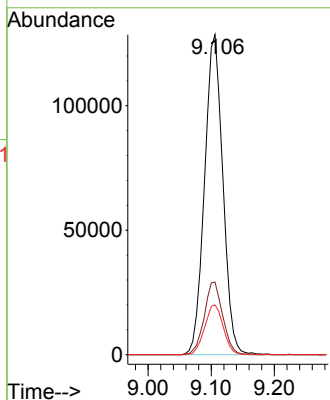


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

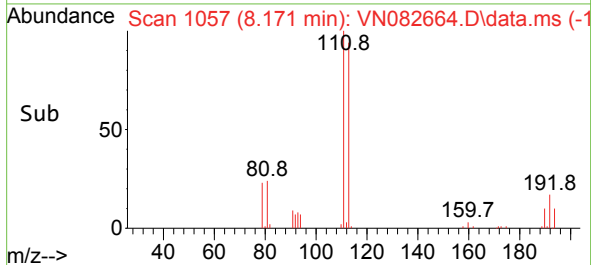
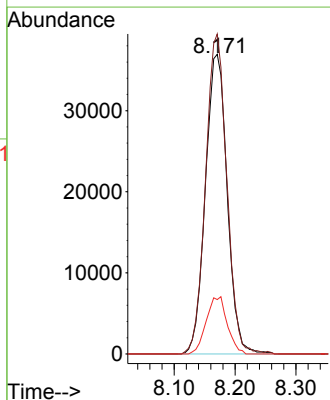
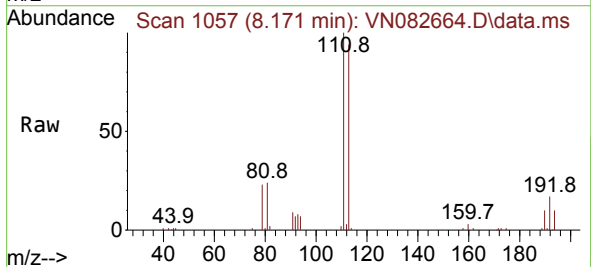


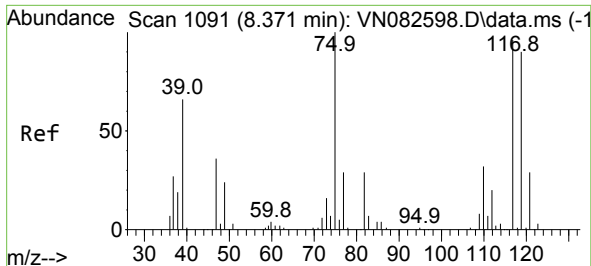
Tgt Ion:114 Resp: 258886
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.285 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

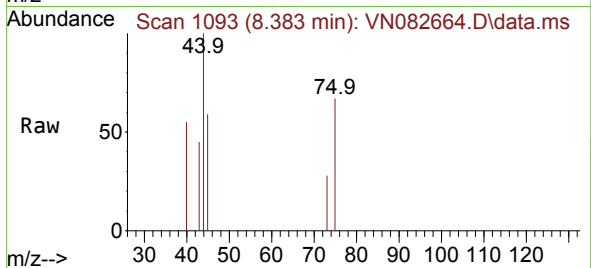
Tgt Ion:113 Resp: 91826
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.4 14.9 22.3



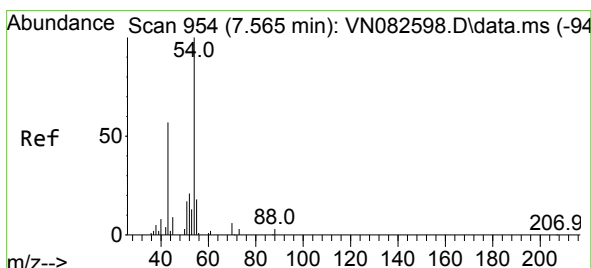
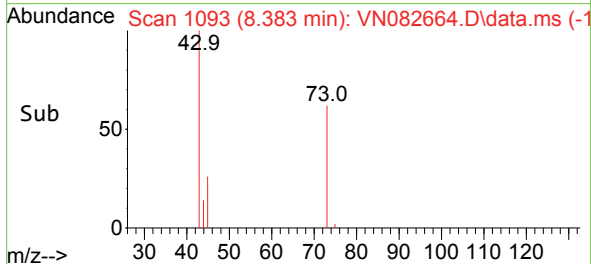
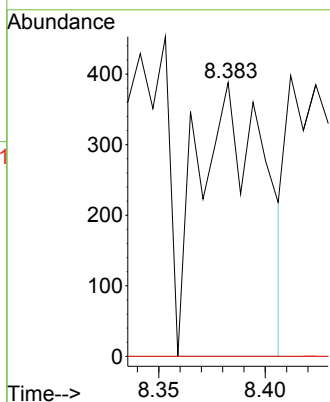


#36
1,1-Dichloropropene
Concen: 0.315 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

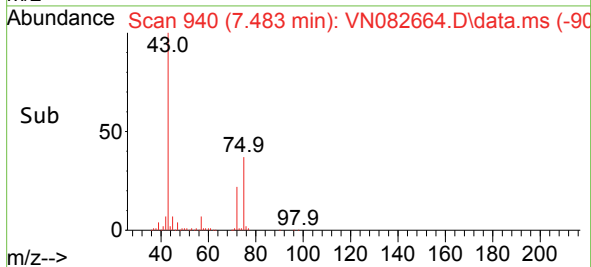
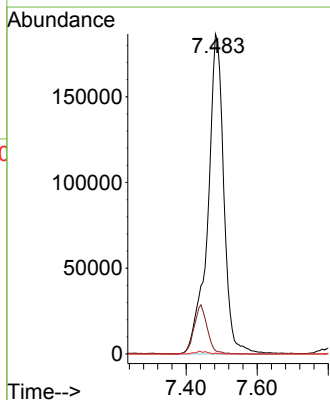
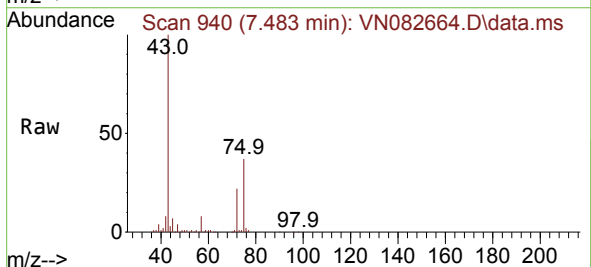


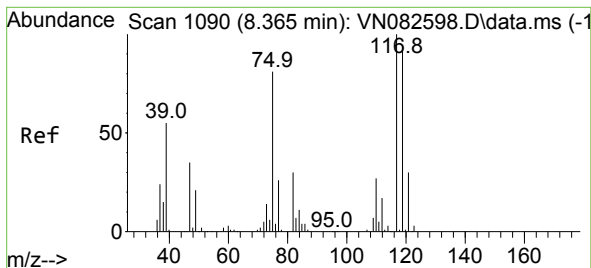
Tgt Ion: 75 Resp: 827
Ion Ratio Lower Upper
75 100
110 0.0 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 175.613 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.082 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 43 Resp: 587298
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.1 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.426 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

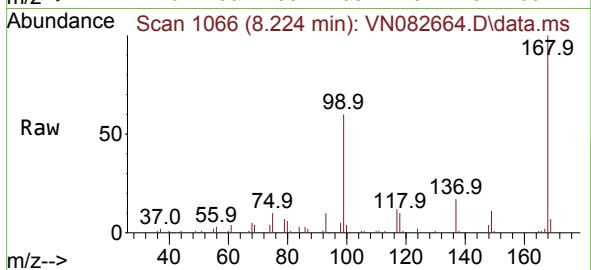
Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :



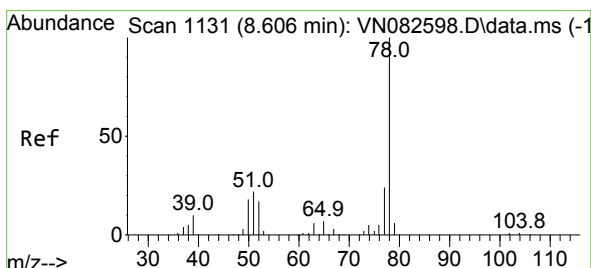
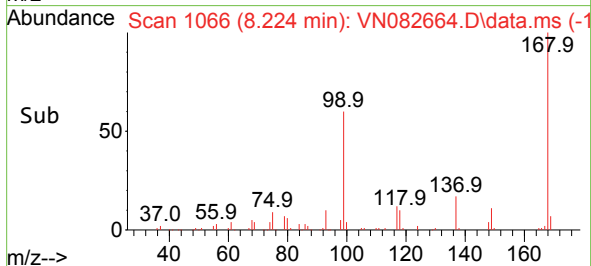
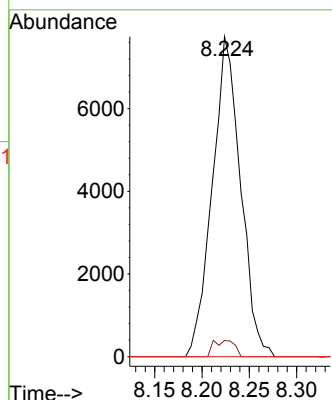
Tgt Ion:117 Resp: 16055

Ion Ratio Lower Upper

117 100

119 5.1 74.9 112.3#

121 0.0 24.3 36.5#



#40

Benzene

Concen: 4.929 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082664.D

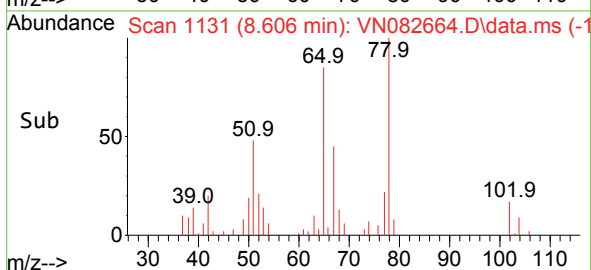
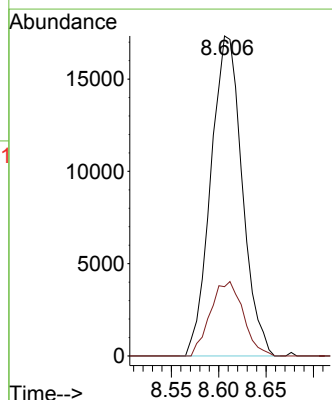
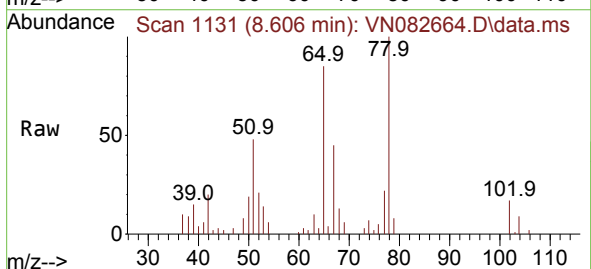
Acq: 20 Jun 2024 13:34

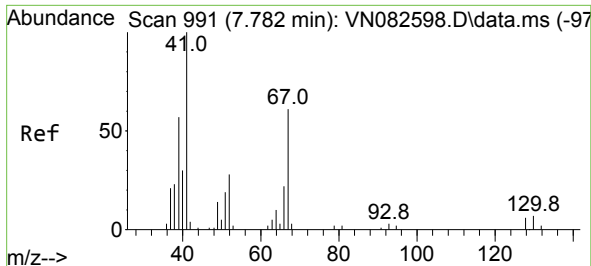
Tgt Ion: 78 Resp: 39987

Ion Ratio Lower Upper

78 100

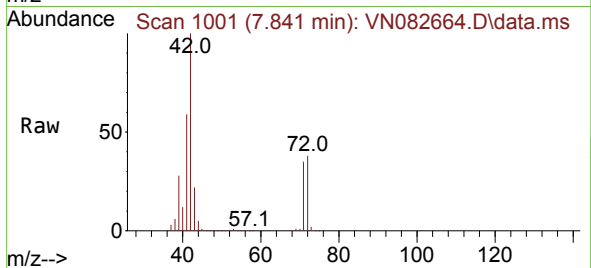
77 21.7 19.0 28.4



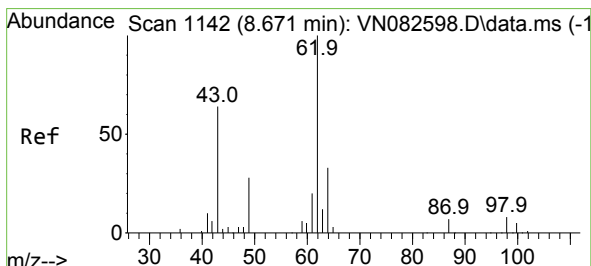
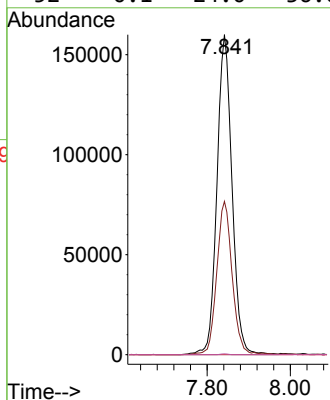
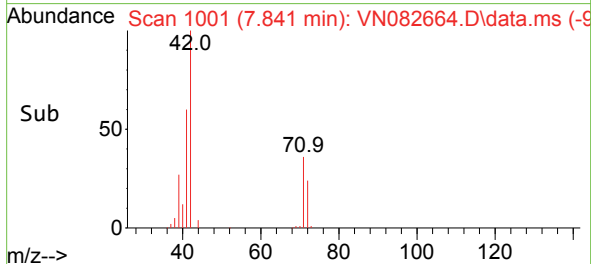


#41
Methacrylonitrile
Concen: 235.356 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.059 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

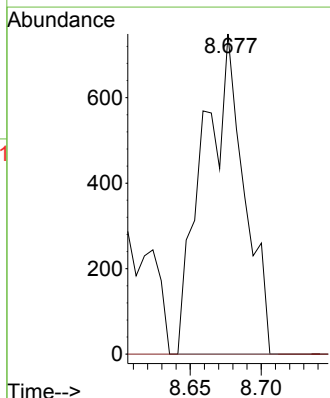
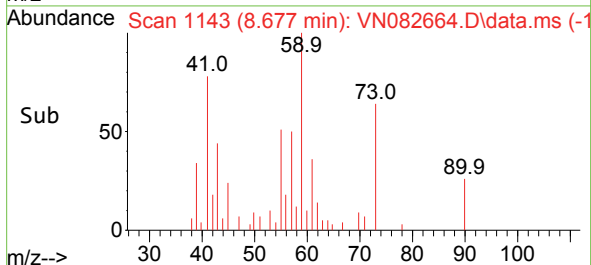
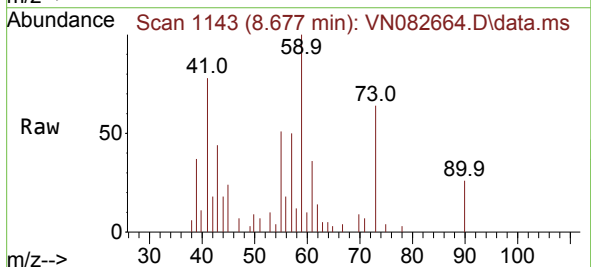


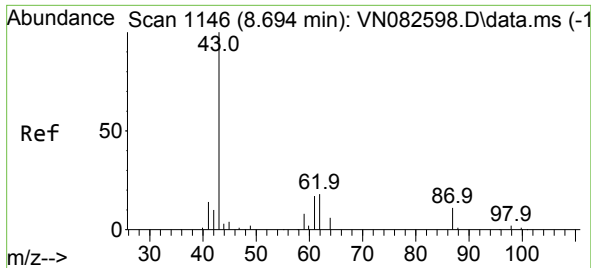
Tgt Ion: 41 Resp: 402335
Ion Ratio Lower Upper
41 100
39 48.8 45.5 68.3
67 0.0 50.5 75.7#
52 0.1 24.0 36.0#



#42
1,2-Dichloroethane
Concen: 0.490 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

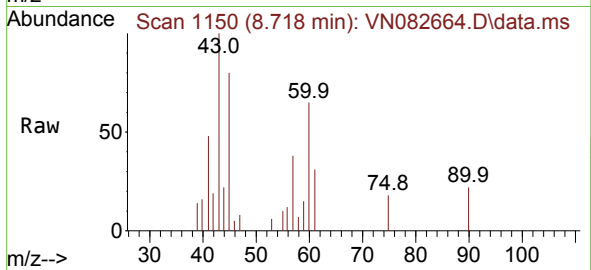
Tgt Ion: 62 Resp: 1511
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8



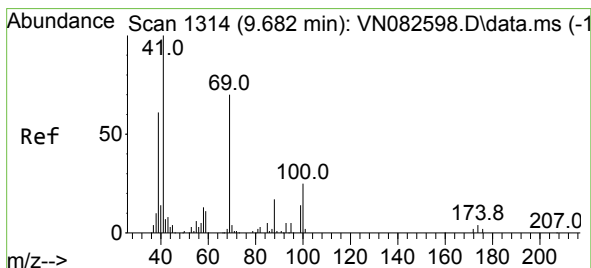
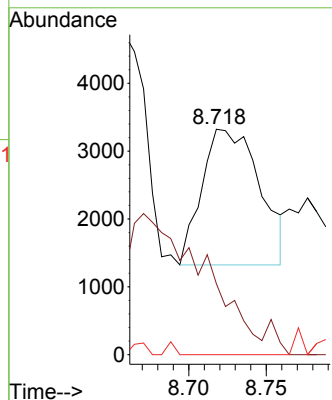
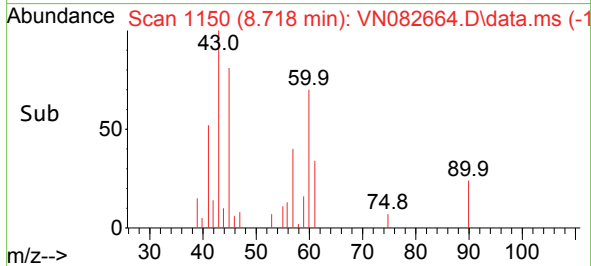


#43
Isopropyl Acetate
Concen: 0.832 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.024 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

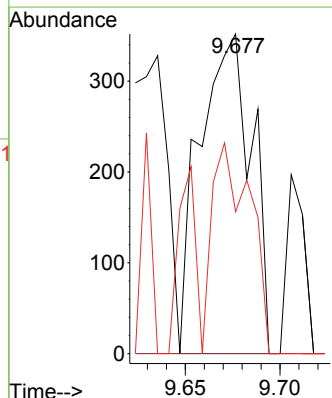
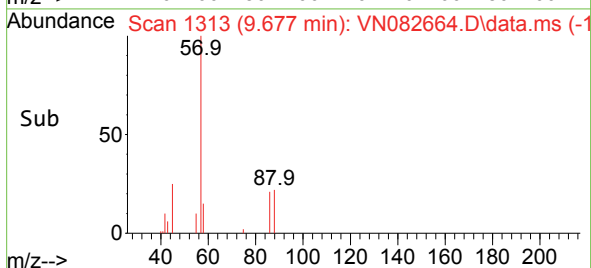
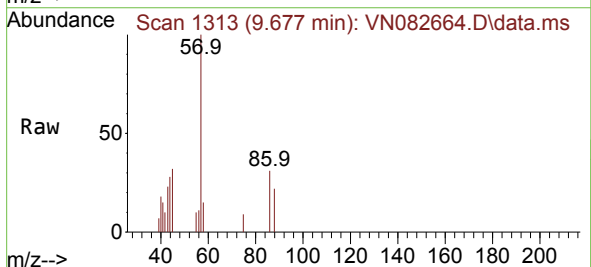


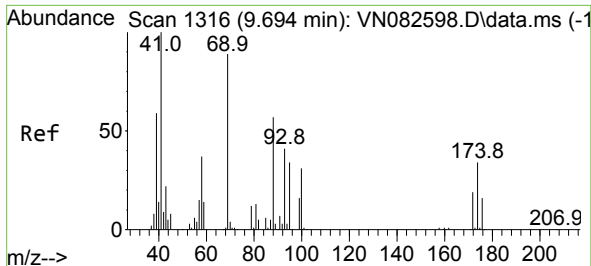
Tgt Ion: 43 Resp: 5200
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#48
Methyl methacrylate
Concen: 0.260 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.005 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 41 Resp: 671
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 48.3 50.3 75.5#





#49

1,4-Dioxane

Concen: 95.283 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

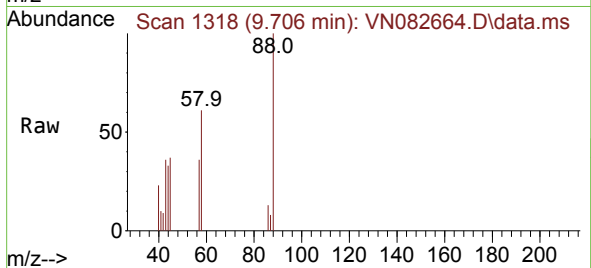
Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :



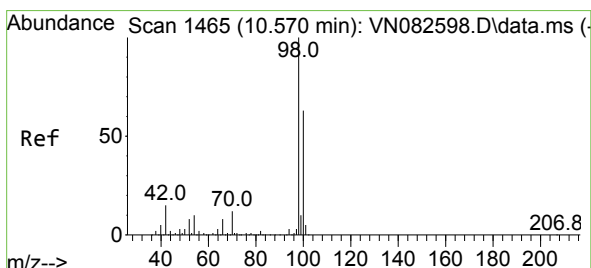
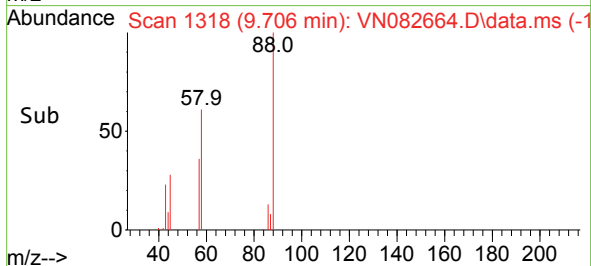
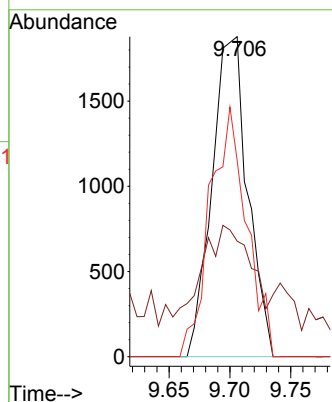
Tgt Ion: 88 Resp: 3840

Ion Ratio Lower Upper

88 100

43 35.7 27.8 41.8

58 79.8 59.4 89.0



#50

Toluene-d8

Concen: 51.366 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082664.D

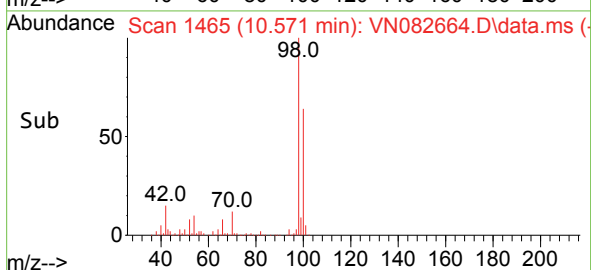
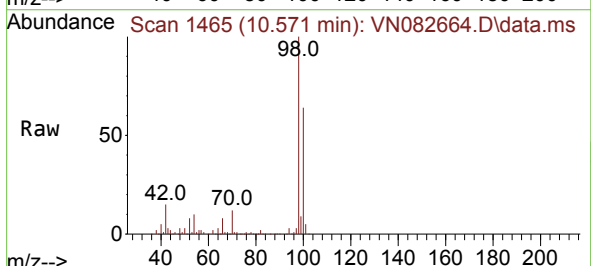
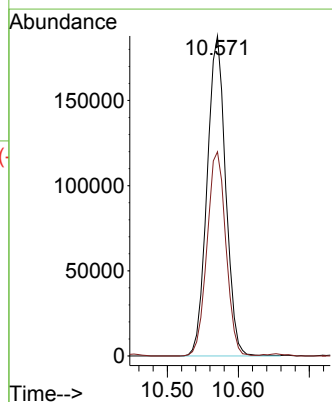
Acq: 20 Jun 2024 13:34

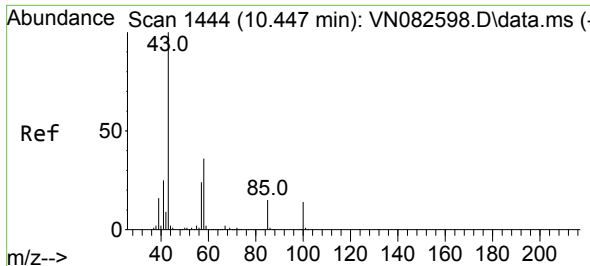
Tgt Ion: 98 Resp: 341146

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3

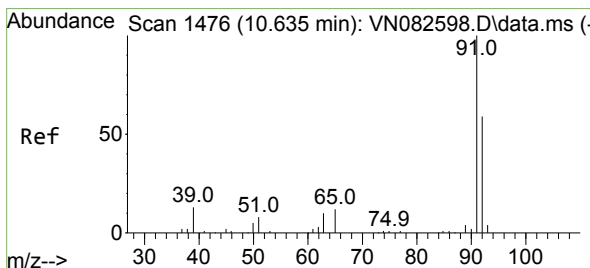
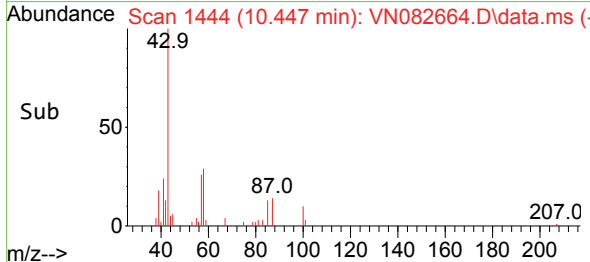
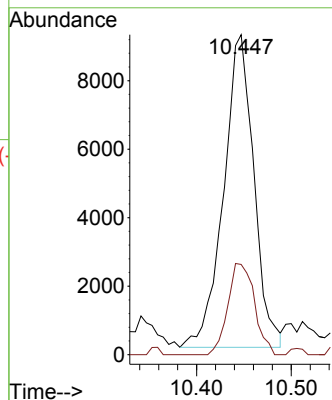
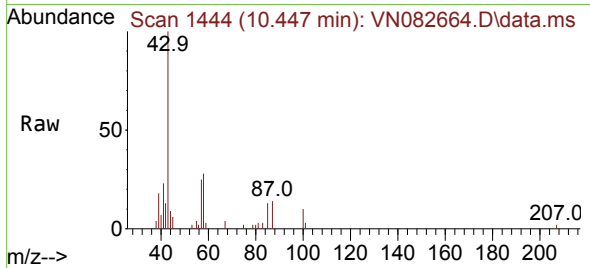




#51
4-Methyl-2-Pentanone
Concen: 6.323 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

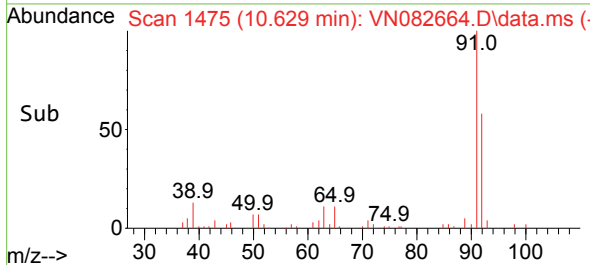
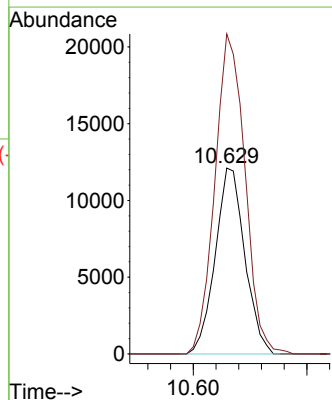
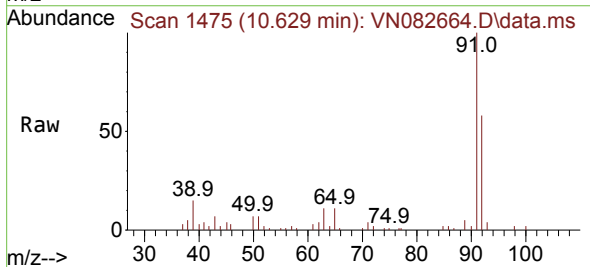
Instrument :
MSVOA_N
ClientSampleId :

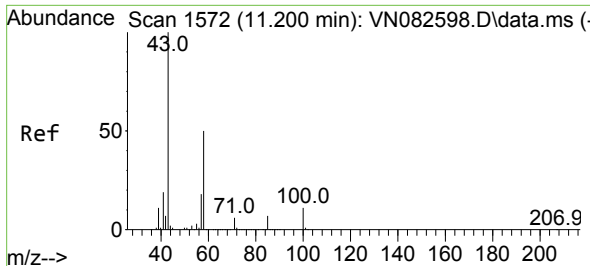
Tgt Ion: 43 Resp: 20269
Ion Ratio Lower Upper
43 100
58 25.6 28.2 42.4#



#52
Toluene
Concen: 4.450 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 92 Resp: 21878
Ion Ratio Lower Upper
92 100
91 175.3 139.4 209.0

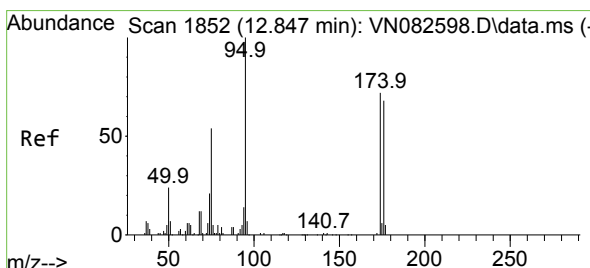
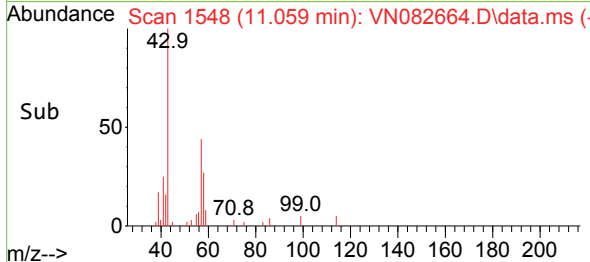
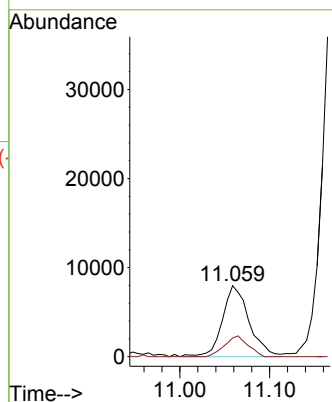
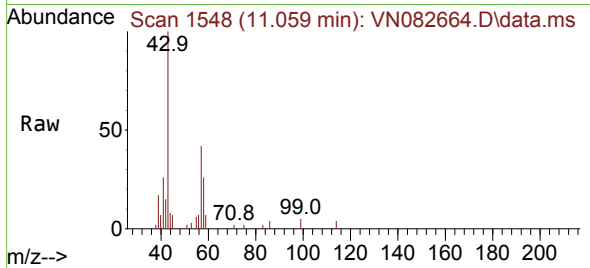




#59
2-Hexanone
Concen: 6.758 ug/l
RT: 11.059 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

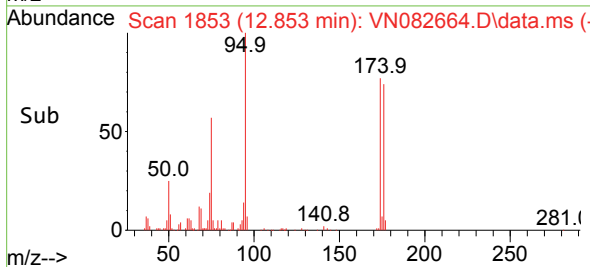
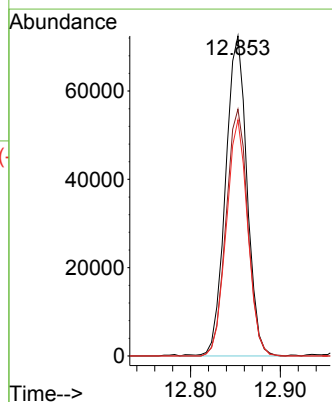
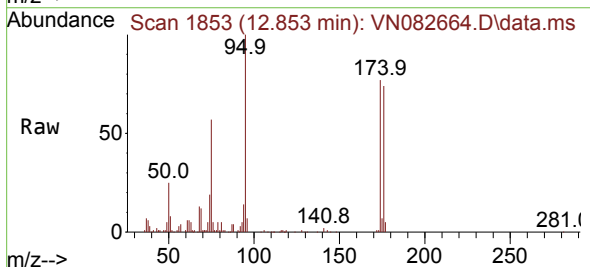
Instrument :
MSVOA_N
ClientSampleId :

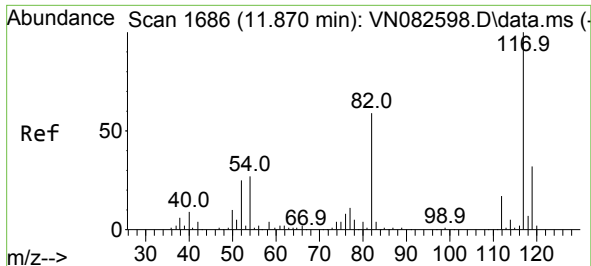
Tgt Ion: 43 Resp: 16465
Ion Ratio Lower Upper
43 100
58 25.6 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 52.493 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

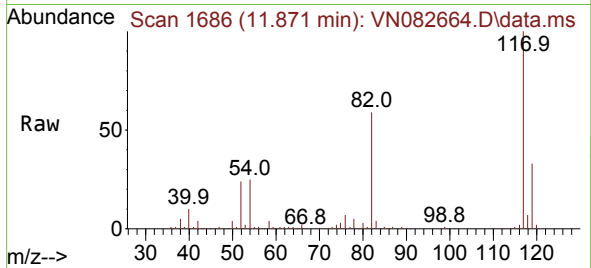
Tgt Ion: 95 Resp: 120197
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.2
176 73.5 0.0 147.6



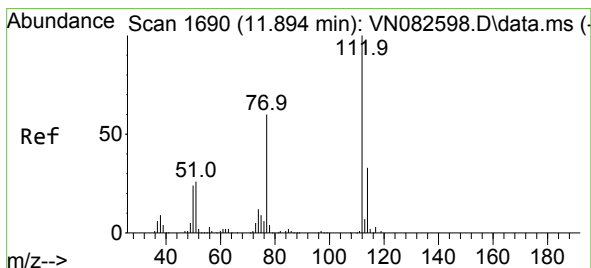
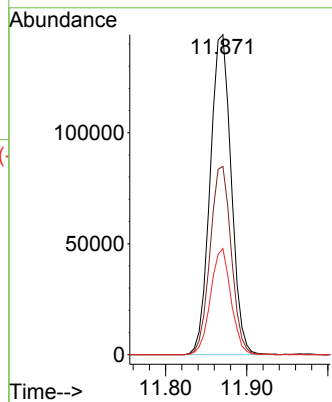
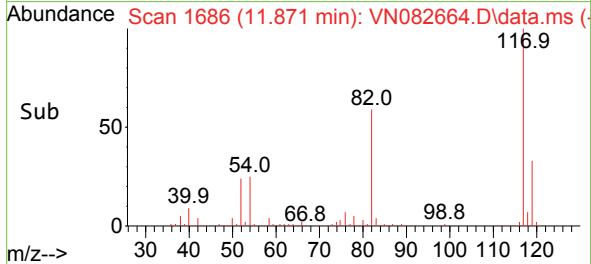


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

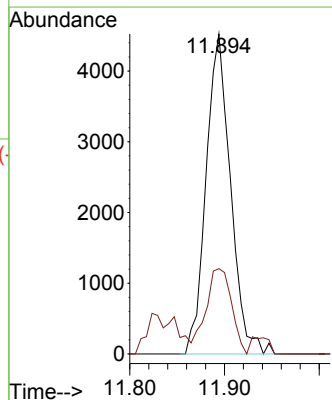
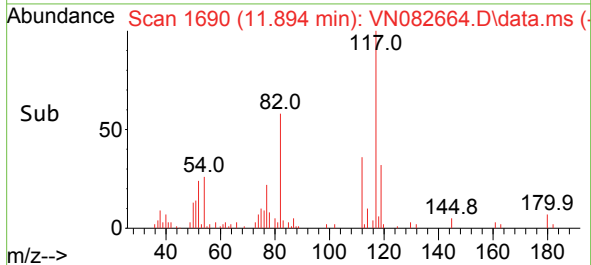
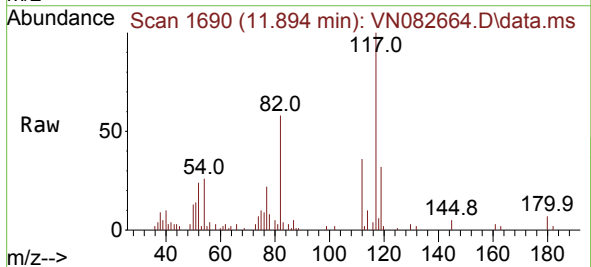


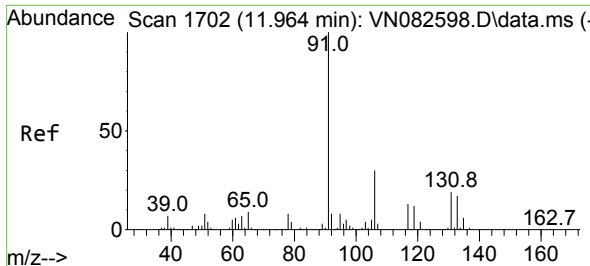
Tgt Ion:117 Resp: 260335
Ion Ratio Lower Upper
117 100
82 58.8 47.5 71.3
119 33.1 25.6 38.4



#65
Chlorobenzene
Concen: 1.358 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion:112 Resp: 8110
Ion Ratio Lower Upper
112 100
114 26.7 26.2 39.2

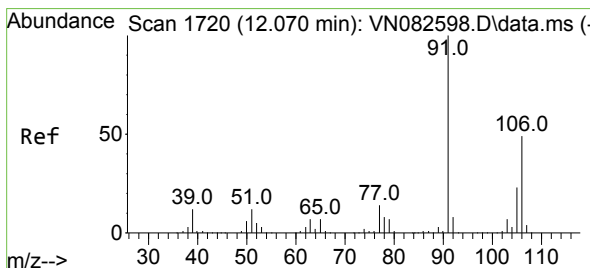
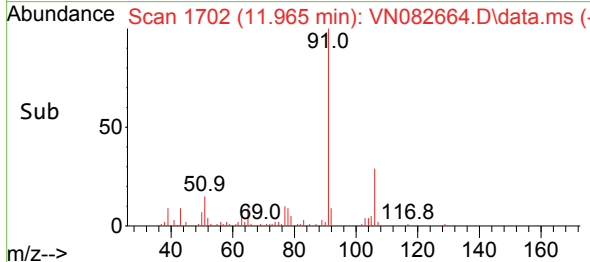
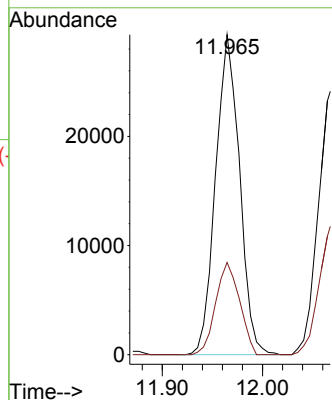
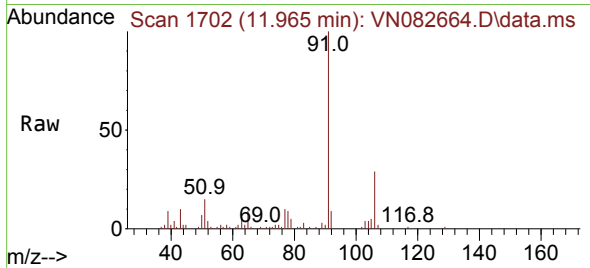




#67
Ethyl Benzene
Concen: 4.777 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

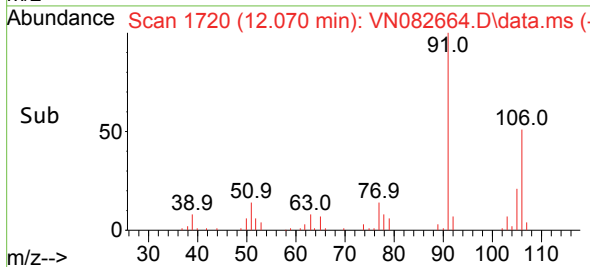
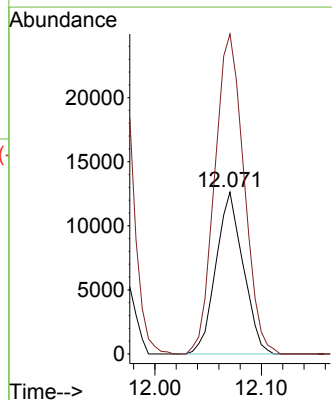
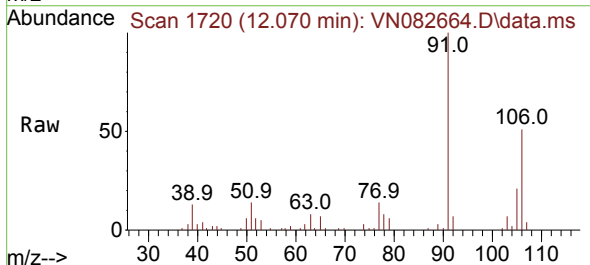
Instrument :
MSVOA_N
ClientSampleId :

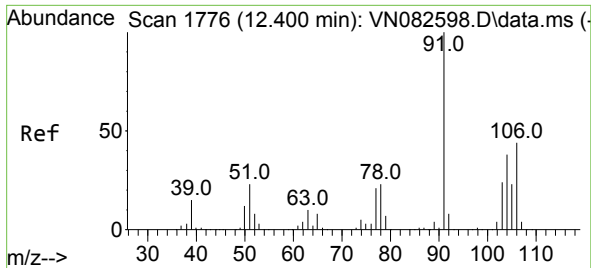
Tgt Ion: 91 Resp: 48595
Ion Ratio Lower Upper
91 100
106 28.8 24.0 36.0



#68
m/p-Xylenes
Concen: 5.930 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 106 Resp: 22441
Ion Ratio Lower Upper
106 100
91 212.1 166.1 249.1

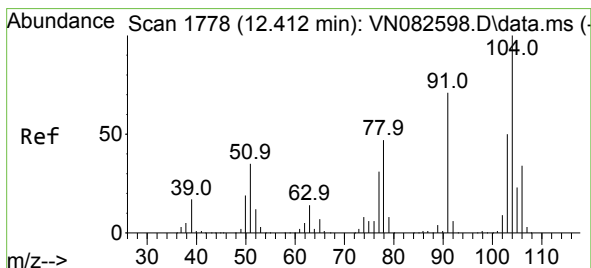
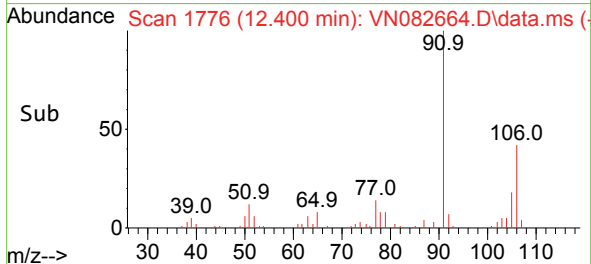
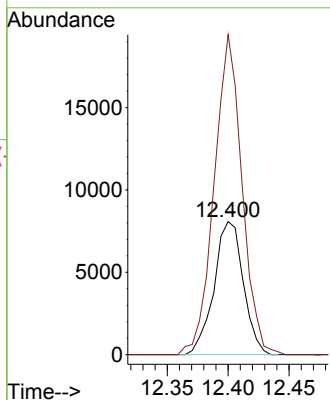
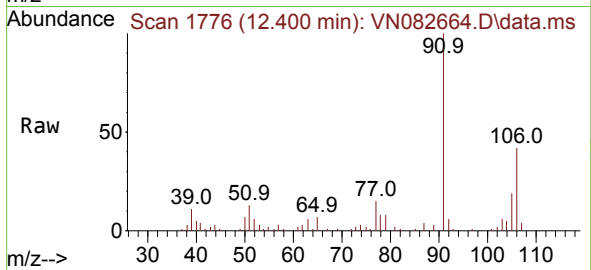




#69
o-Xylene
Concen: 3.801 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

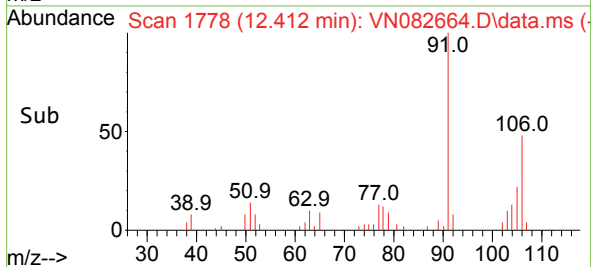
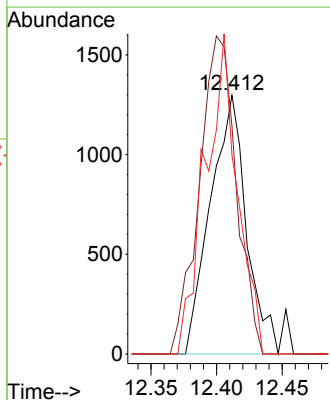
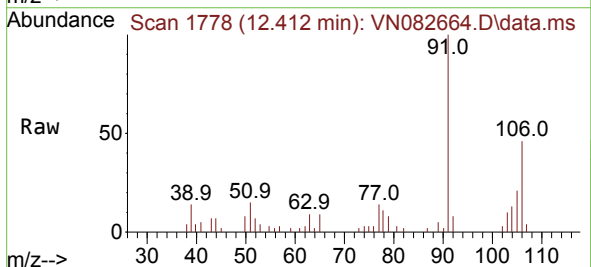
Instrument :
MSVOA_N
ClientSampleId :

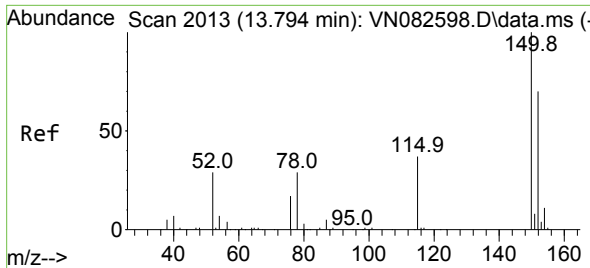
Tgt Ion:106 Resp: 13513
Ion Ratio Lower Upper
106 100
91 228.7 111.3 333.9



#70
Styrene
Concen: 0.410 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion:104 Resp: 2476
Ion Ratio Lower Upper
104 100
78 126.2 41.6 62.4#
103 110.5 44.0 66.0#

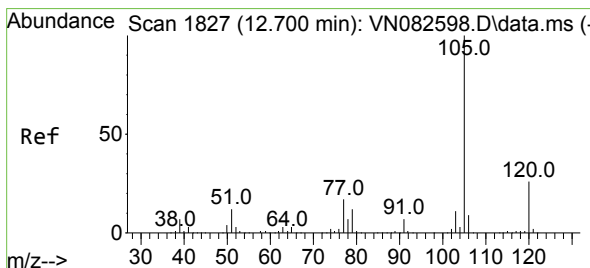
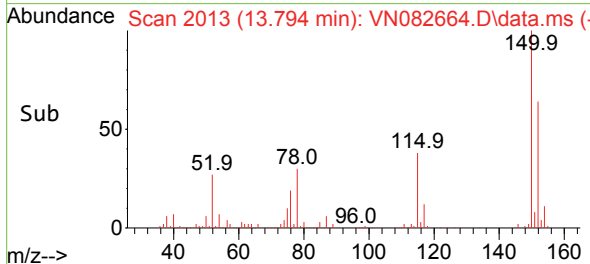
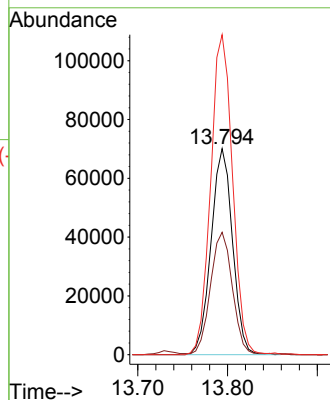
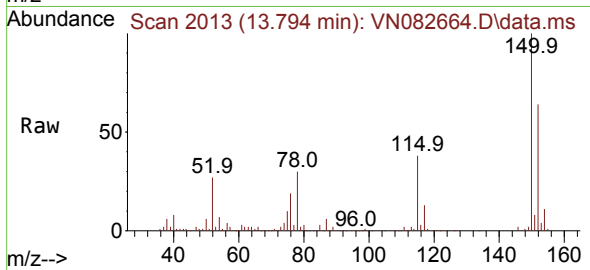




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

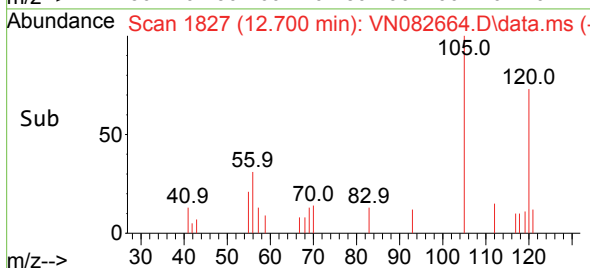
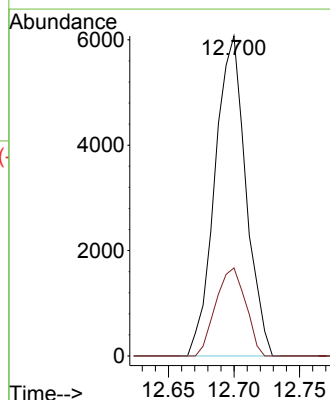
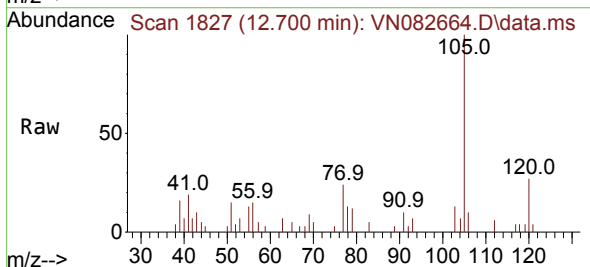
Instrument :
MSVOA_N
ClientSampleId :

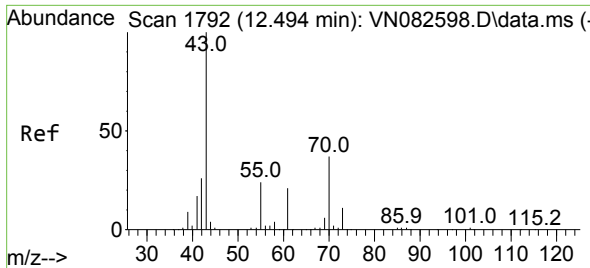
Tgt Ion:152 Resp: 116582
Ion Ratio Lower Upper
152 100
115 61.0 30.6 91.6
150 158.2 0.0 348.6



#73
Isopropylbenzene
Concen: 1.126 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

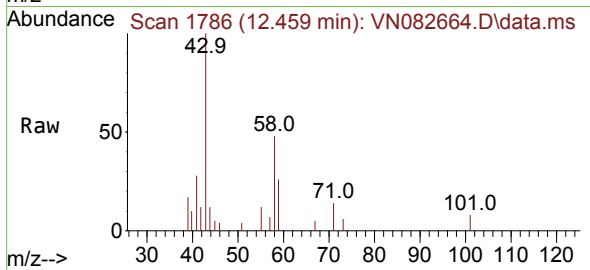
Tgt Ion:105 Resp: 9967
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6



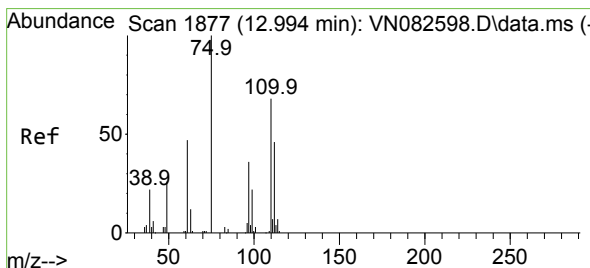
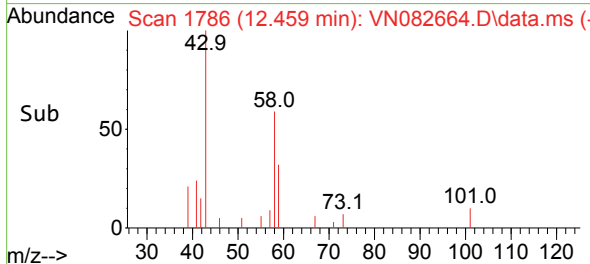
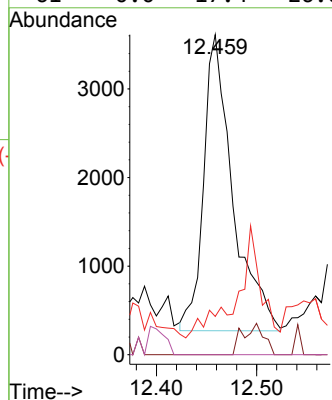


#74
N-amy1 acetate
Concen: 1.435 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

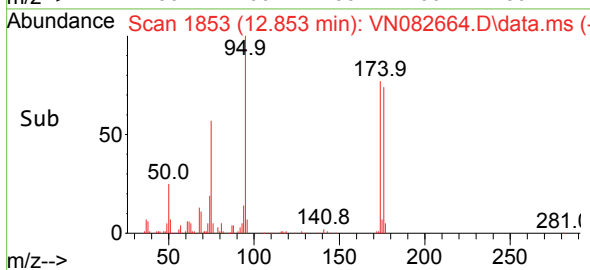
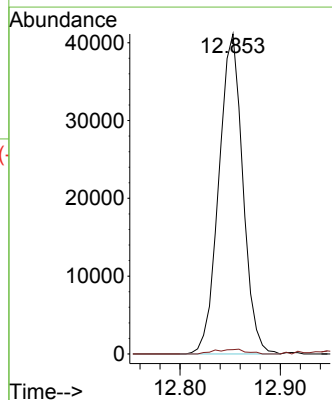
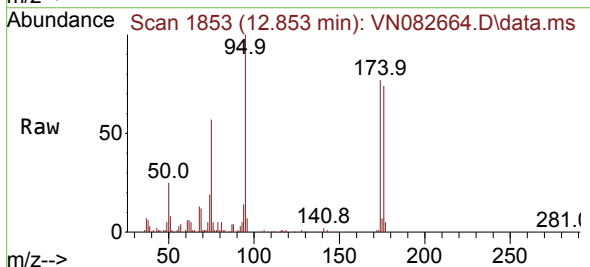


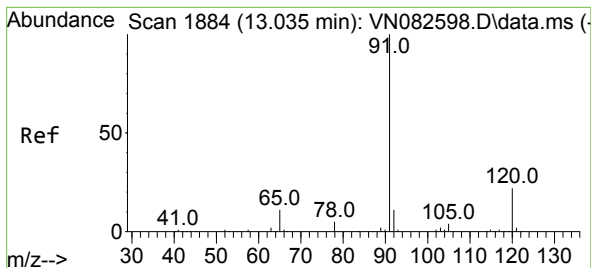
Tgt Ion: 43 Resp: 6782
Ion Ratio Lower Upper
43 100
70 0.0 29.8 44.6#
55 0.0 18.7 28.1#
61 0.0 17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 23.938 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082664.D
Acq: 20 Jun 2024 13:34

Tgt Ion: 75 Resp: 68257
Ion Ratio Lower Upper
75 100
77 1.9 110.9 332.6#





#78

n-propylbenzene

Concen: 0.552 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

Instrument :

MSVOA_N

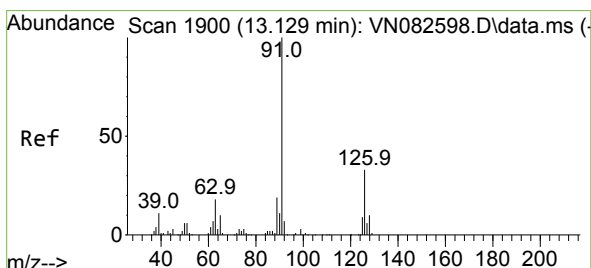
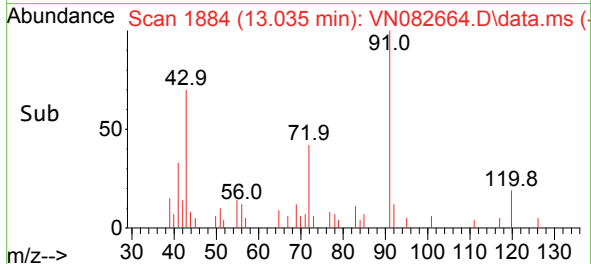
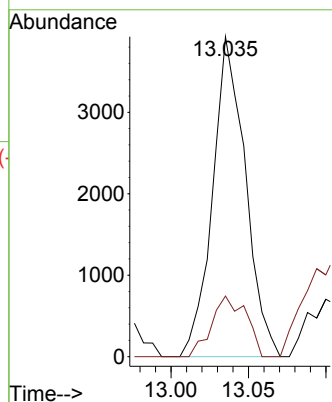
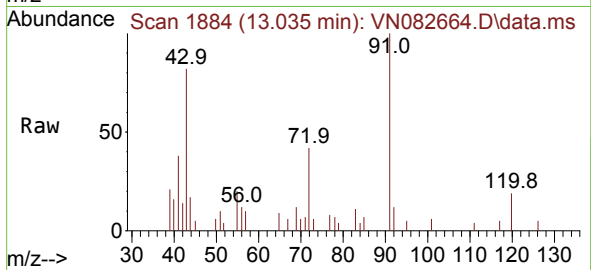
ClientSampleId :

Tgt Ion: 91 Resp: 5783

Ion Ratio Lower Upper

91 100

120 19.9 10.9 32.9



#79

2-Chlorotoluene

Concen: 0.400 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN082664.D

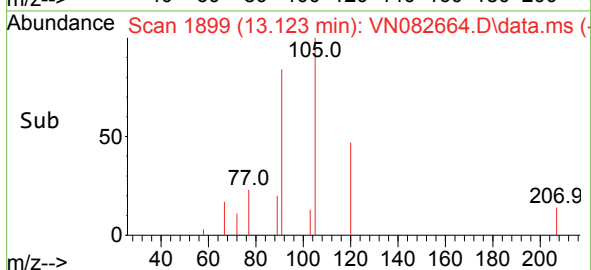
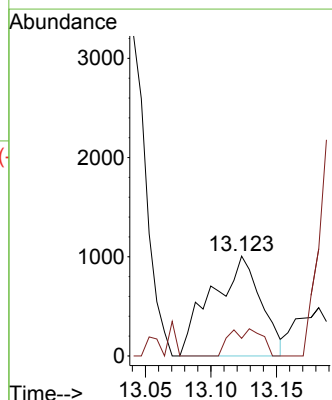
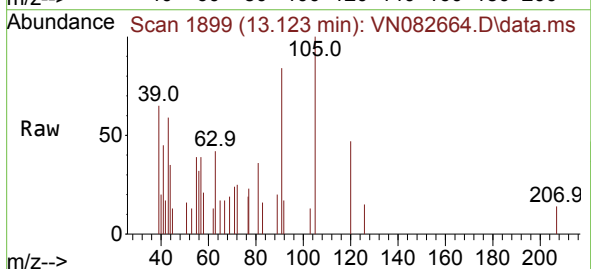
Acq: 20 Jun 2024 13:34

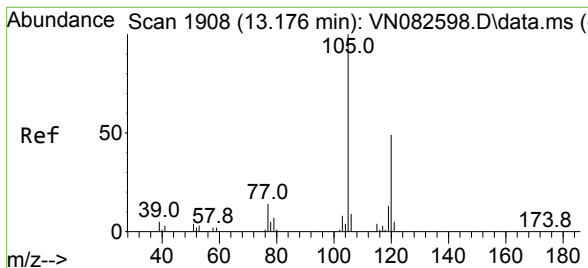
Tgt Ion: 91 Resp: 2628

Ion Ratio Lower Upper

91 100

126 8.3 16.2 48.6#





#80

1,3,5-Trimethylbenzene

Concen: 0.500 ug/l

RT: 13.170 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

Instrument :

MSVOA_N

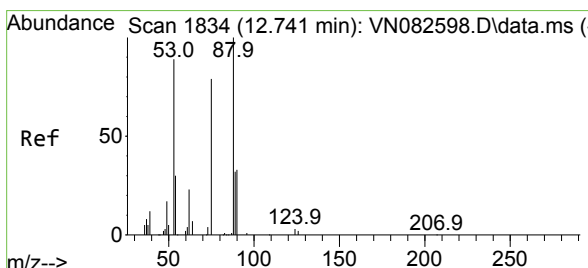
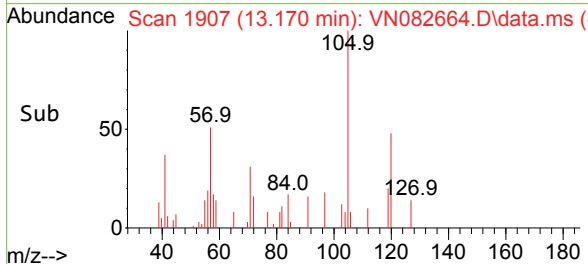
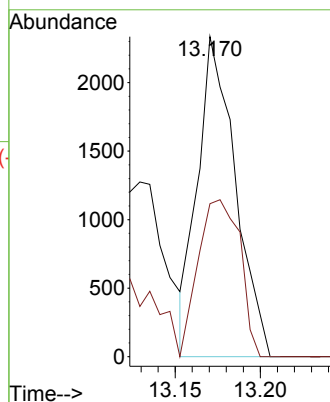
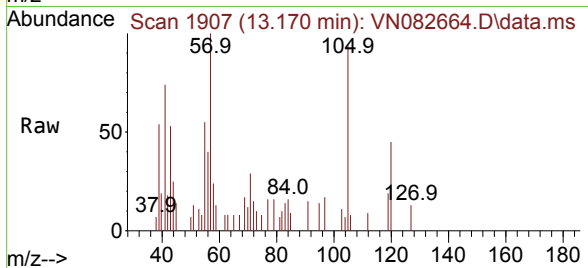
ClientSampleId :

Tgt Ion:105 Resp: 3593

Ion Ratio Lower Upper

105 100

120 54.4 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 57.270 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

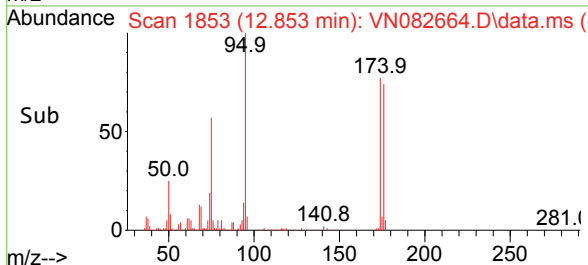
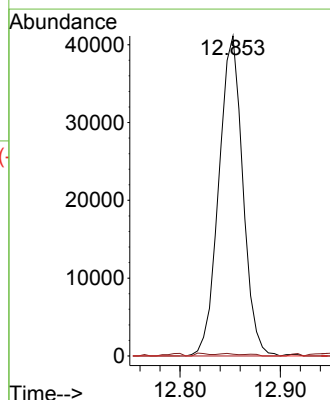
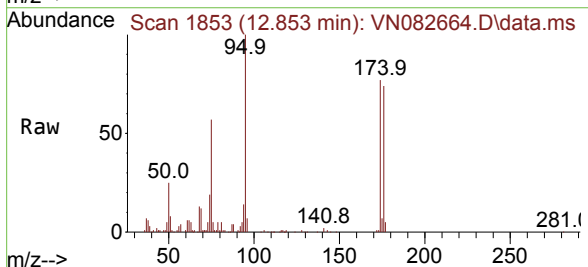
Tgt Ion: 75 Resp: 68257

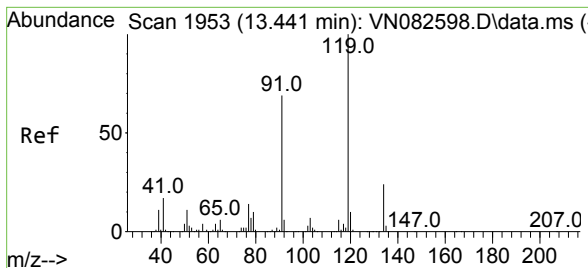
Ion Ratio Lower Upper

75 100

53 0.2 88.4 132.6#

89 0.0 36.3 54.5#





#83

tert-Butylbenzene

Concen: 0.307 ug/l

RT: 13.670 min Scan# 1953

Delta R.T. 0.230 min

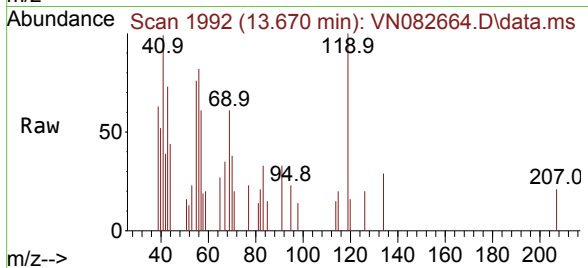
Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :



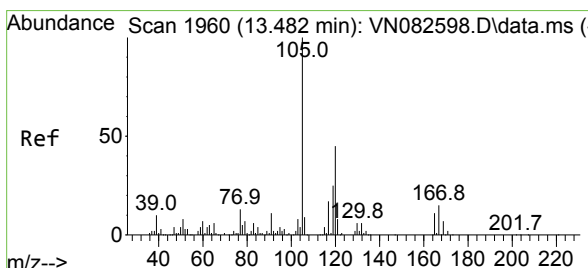
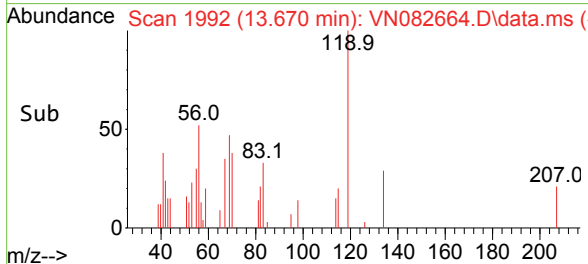
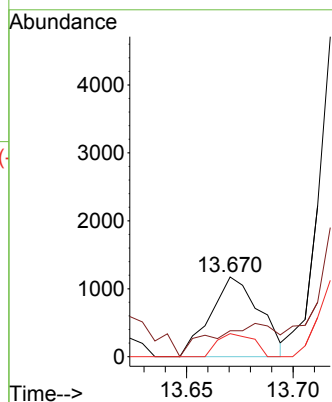
Tgt Ion:119 Resp: 1881

Ion Ratio Lower Upper

119 100

91 54.1 35.0 105.1

134 21.3 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 2.476 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082664.D

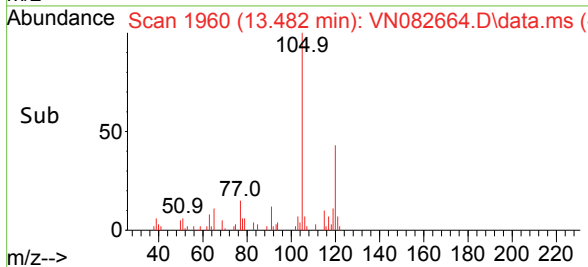
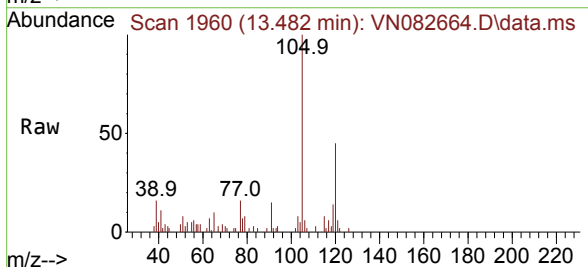
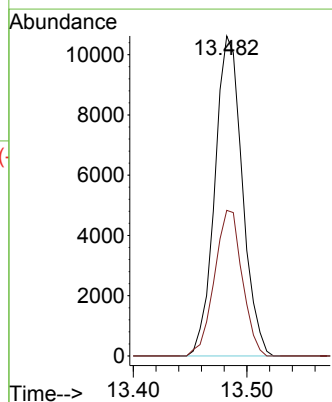
Acq: 20 Jun 2024 13:34

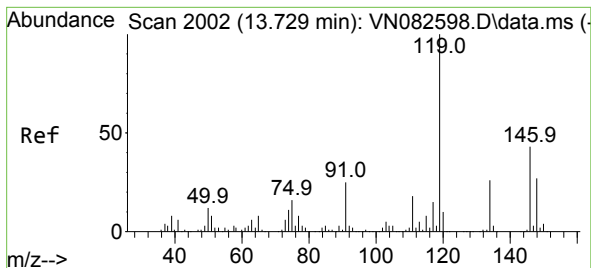
Tgt Ion:105 Resp: 17843

Ion Ratio Lower Upper

105 100

120 45.9 21.9 65.8





#86

p-Isopropyltoluene

Concen: 2.563 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

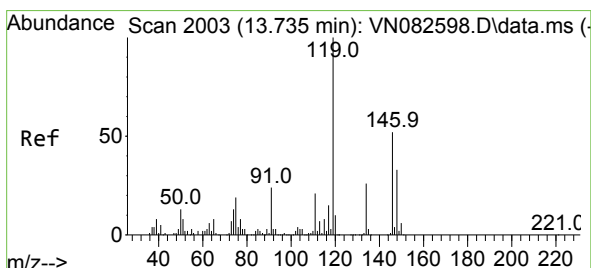
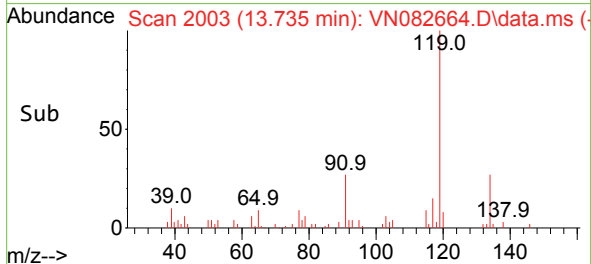
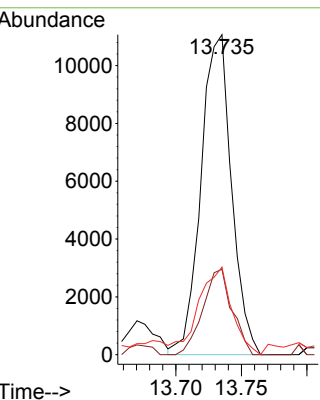
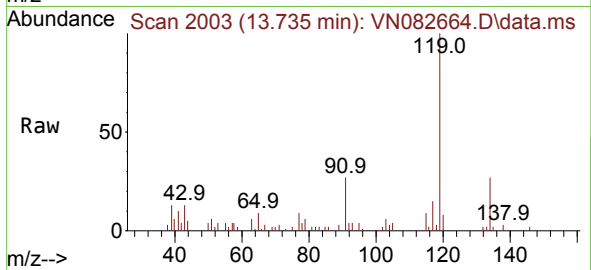
Tgt Ion:119 Resp: 17936

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 30.1 12.3 36.9



#87

1,3-Dichlorobenzene

Concen: 3.546 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.082 min

Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

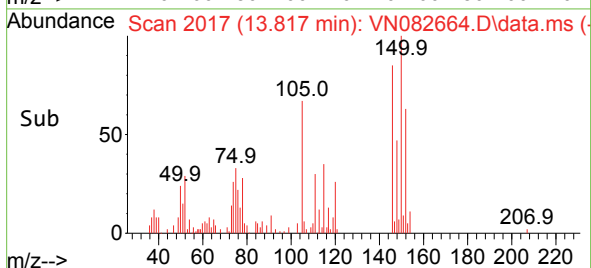
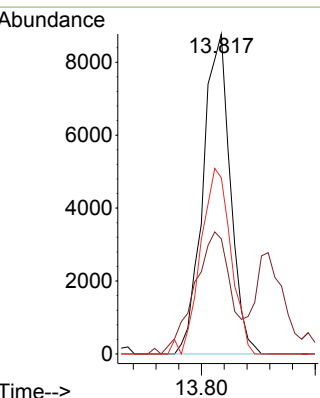
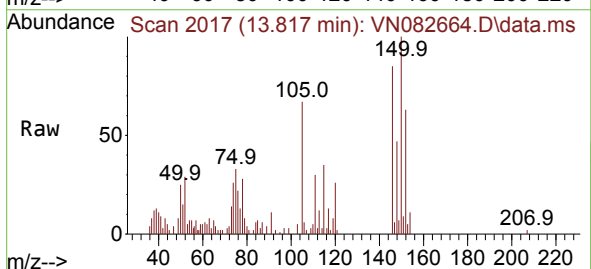
Tgt Ion:146 Resp: 14652

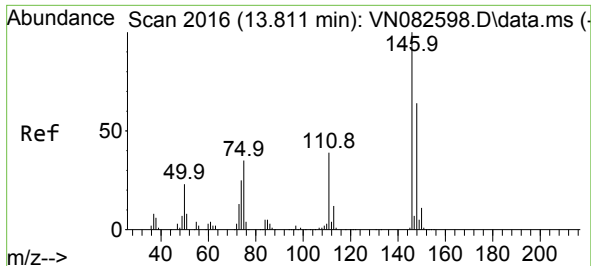
Ion Ratio Lower Upper

146 100

111 50.2 20.6 61.9

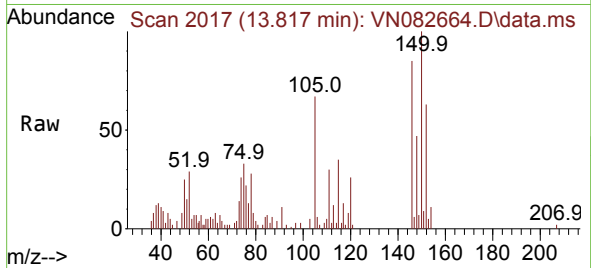
148 64.1 31.8 95.3



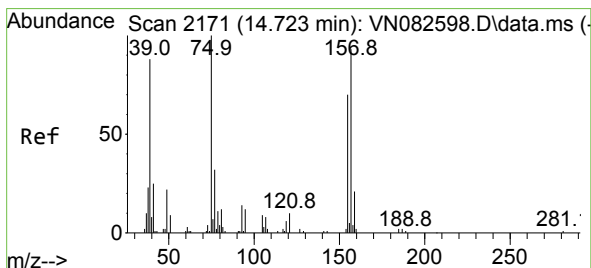
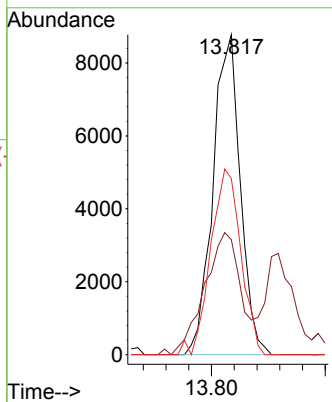
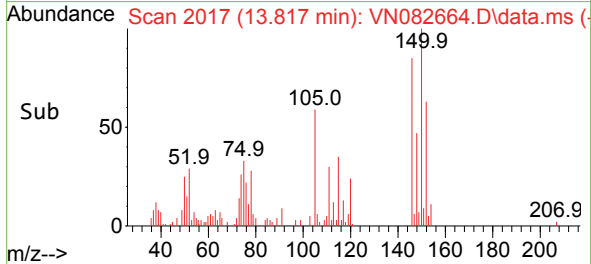


#88
 1,4-Dichlorobenzene
 Concen: 3.393 ug/l
 RT: 13.817 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN082664.D
 Acq: 20 Jun 2024 13:34

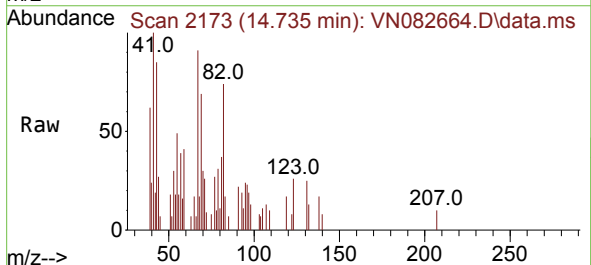
Instrument :
 MSVOA_N
 ClientSampleId :



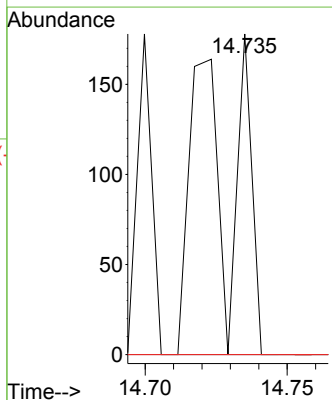
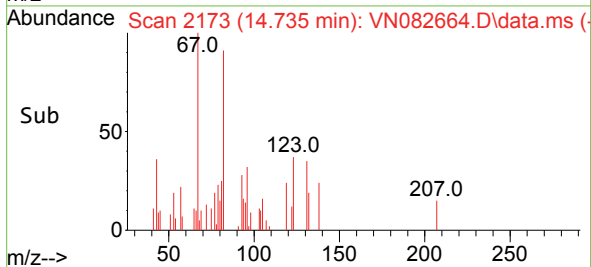
Tgt Ion:146 Resp: 14652
 Ion Ratio Lower Upper
 146 100
 111 50.2 20.1 60.3
 148 64.1 32.2 96.6

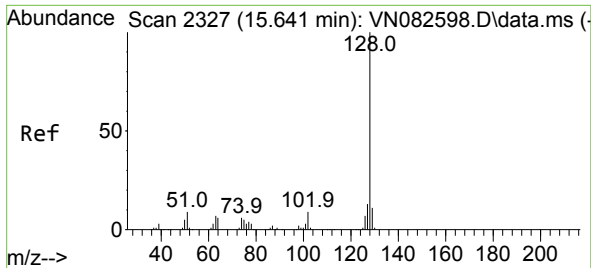


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.290 ug/l
 RT: 14.735 min Scan# 2173
 Delta R.T. 0.012 min
 Lab File: VN082664.D
 Acq: 20 Jun 2024 13:34



Tgt Ion: 75 Resp: 177
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.6 109.8#
 157 0.0 46.9 140.6#





#95

Naphthalene

Concen: 33.835 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

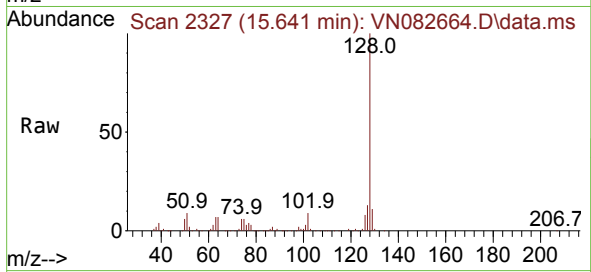
Lab File: VN082664.D

Acq: 20 Jun 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 221431

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.6 12.8

