

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082934.D
 Acq On : 16 Jul 2024 14:26
 Operator : JC\MD
 Sample : P3251-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 17 00:55:19 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	84437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	157513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	159133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74553	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	62633	52.916	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.840%	
35) Dibromofluoromethane	8.171	113	51537	50.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.980%	
50) Toluene-d8	10.571	98	191671	51.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.853	95	66146	49.328	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.660%	

Target Compounds						Qvalue
3) Chloromethane	2.359	50	602	0.581	ug/l #	87
5) Bromomethane	2.948	94	436	0.555	ug/l #	1
11) Tert butyl alcohol	5.542	59	4786	24.041	ug/l #	74
15) Acrylonitrile	5.795	53	125	0.273	ug/l #	17
16) Acetone	4.436	43	117158	281.138	ug/l	97
17) Carbon Disulfide	4.706	76	1625	0.631	ug/l #	75
18) Methyl Acetate	5.030	43	3500	3.174	ug/l #	68
19) Methyl tert-butyl Ether	5.800	73	31121	10.467	ug/l	98
20) Methylene Chloride	5.277	84	235	0.234	ug/l #	55
22) Diisopropyl ether	6.677	45	5513	1.961	ug/l	93
23) Vinyl Acetate	6.683	43	3648	1.634	ug/l #	75
25) 2-Butanone	7.489	43	35669	56.686	ug/l #	90
29) Tetrahydrofuran	7.565	42	30216	76.276	ug/l #	44
31) Cyclohexane	8.230	56	2530	1.635	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	7373	5.291	ug/l #	49
37) Ethyl Acetate	7.565	43	452084	318.653	ug/l #	94
38) Carbon Tetrachloride	8.230	117	9220	5.495	ug/l #	18
39) Methylcyclohexane	9.594	83	358	0.238	ug/l #	55
40) Benzene	8.606	78	163096	38.049	ug/l	98
41) Methacrylonitrile	7.806	41	1701	2.225	ug/l #	50
42) 1,2-Dichloroethane	8.606	62	1673	1.084	ug/l #	78
43) Isopropyl Acetate	8.694	43	3906	Below Cal	#	60
48) Methyl methacrylate	9.653	41	1016	0.913	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	3924	2.790	ug/l #	65
52) Toluene	10.635	92	146657	54.771	ug/l	100
53) t-1,3-Dichloropropene	10.635	75	1822	1.098	ug/l #	1
56) Ethyl methacrylate	11.088	69	367	0.240	ug/l #	1
59) 2-Hexanone	11.206	43	4451	4.256	ug/l	74
67) Ethyl Benzene	11.965	91	19569	3.415	ug/l	92
68) m/p-Xylenes	12.071	106	39894	18.438	ug/l	99
69) o-Xylene	12.400	106	37407	18.043	ug/l	97
70) Styrene	12.400	104	3303	0.964	ug/l #	1
71) Bromoform	12.853	173	493	0.517	ug/l #	1
73) Isopropylbenzene	12.700	105	7580	1.399	ug/l	99
74) N-amyl acetate	12.459	43	6347	2.832	ug/l #	53
76) 1,2,3-Trichloropropane	12.853	75	37341	29.052	ug/l #	1

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

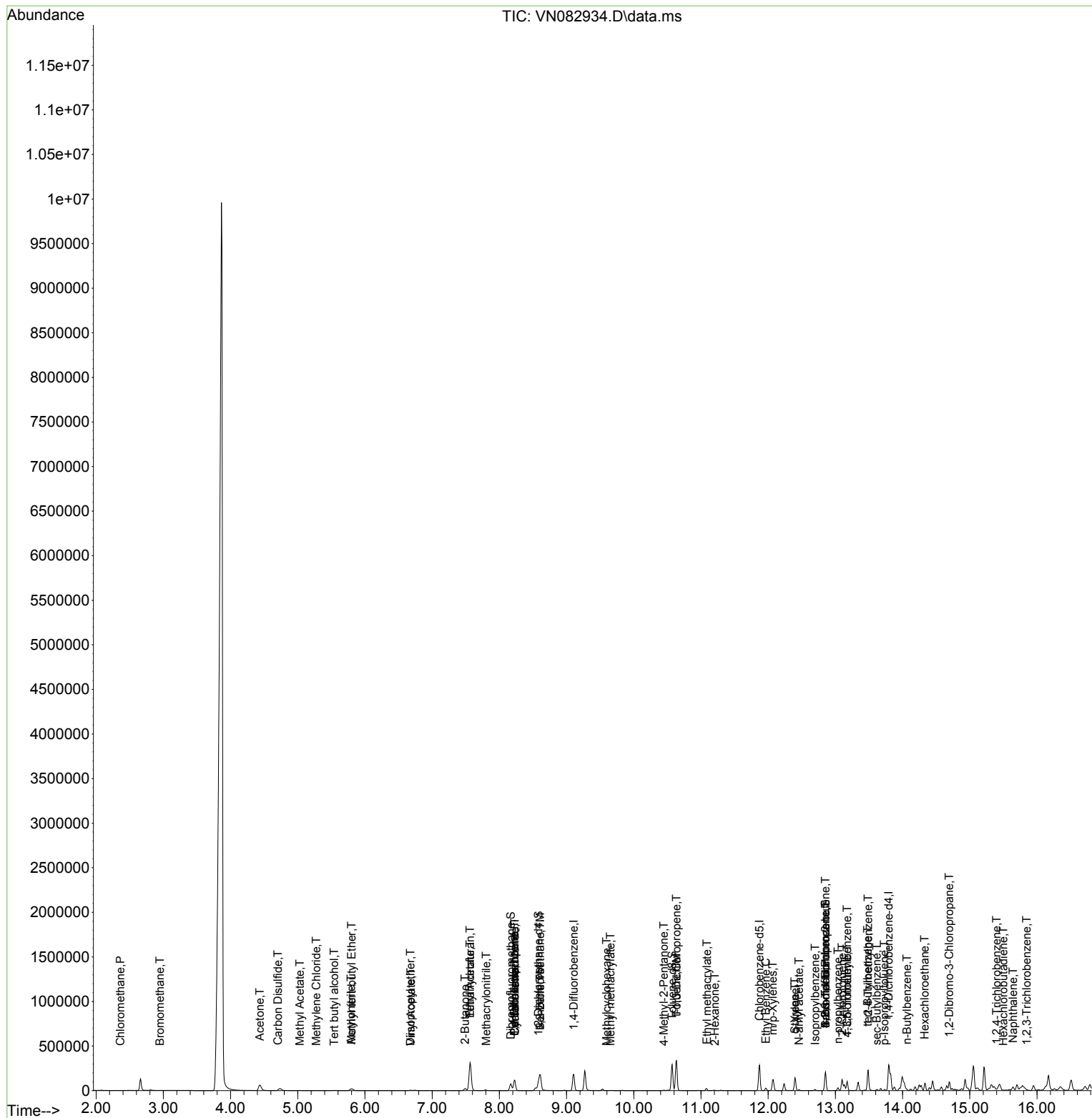
78) n-propylbenzene	13.041	91	23236	3.730	ug/l	99
79) 2-Chlorotoluene	13.100	91	10759	2.711	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	50285	11.483	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	37341	57.136	ug/l #	6
82) 4-Chlorotoluene	13.176	91	6248	1.591	ug/l #	42
83) tert-Butylbenzene	13.482	119	16833	4.336	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.488	105	126738	28.396	ug/l	99
85) sec-Butylbenzene	13.618	105	7890	1.504	ug/l	92
86) p-Isopropyltoluene	13.729	119	6097	1.393	ug/l	96
89) n-Butylbenzene	14.065	91	8793	2.345	ug/l #	83
90) Hexachloroethane	14.329	117	5287	5.709	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.694	75	423	1.127	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.400	180	601	0.455	ug/l #	82
94) Hexachlorobutadiene	15.500	225	373	0.637	ug/l #	37
95) Naphthalene	15.647	128	32758	7.243	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	633	0.466	ug/l #	1

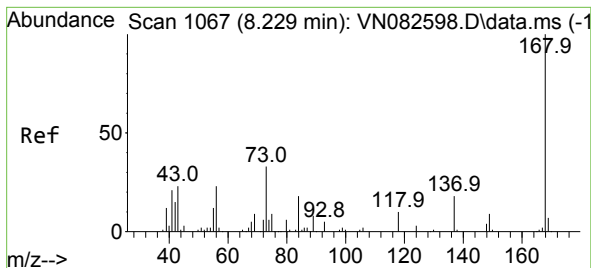
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_N

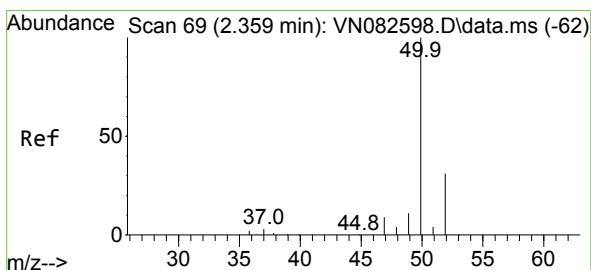
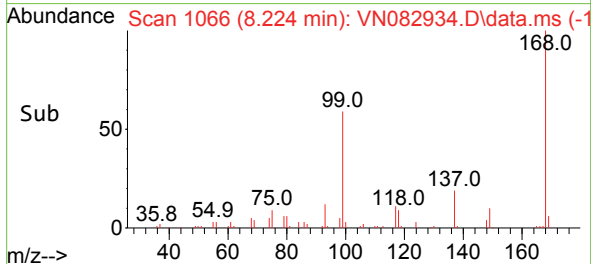
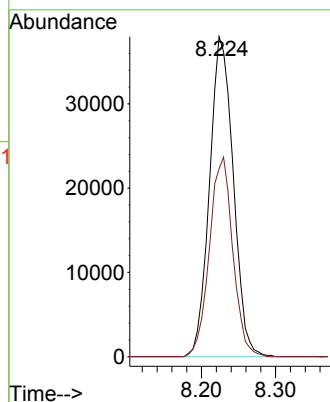
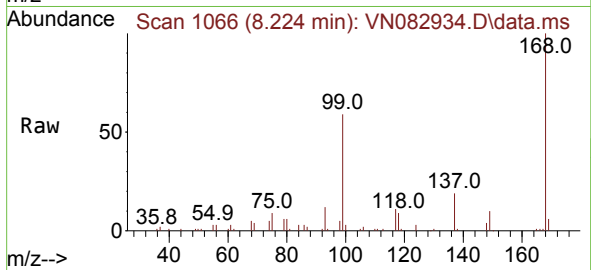
ClientSampleId :

Tgt Ion:168 Resp: 84437

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



#3

Chloromethane

Concen: 0.581 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082934.D

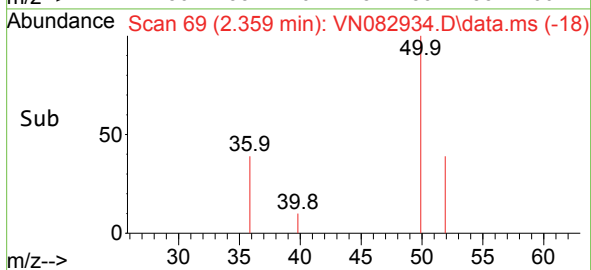
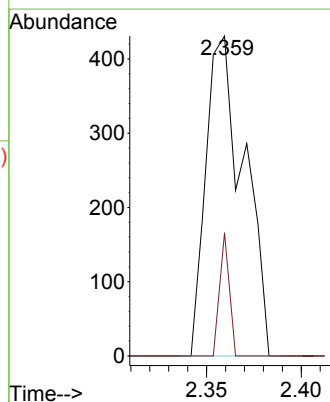
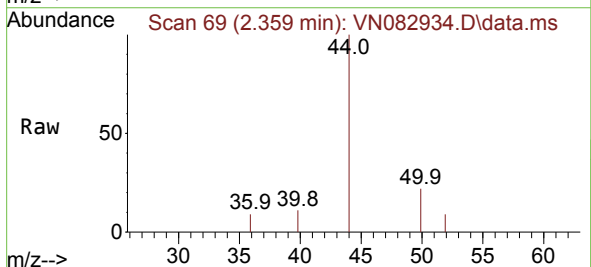
Acq: 16 Jul 2024 14:26

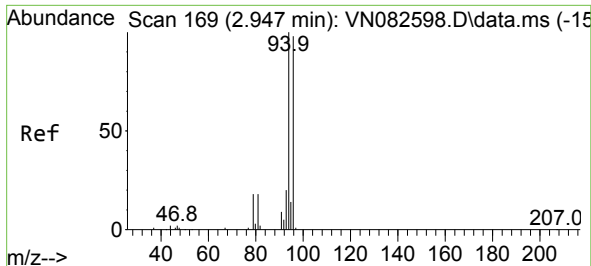
Tgt Ion: 50 Resp: 602

Ion Ratio Lower Upper

50 100

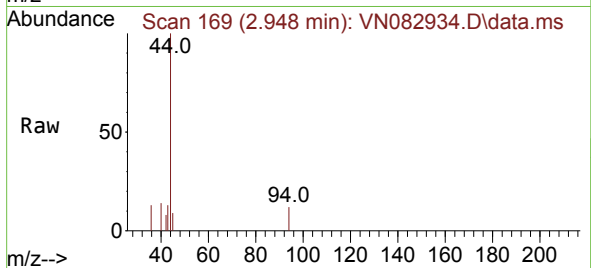
52 38.5 25.0 37.4#



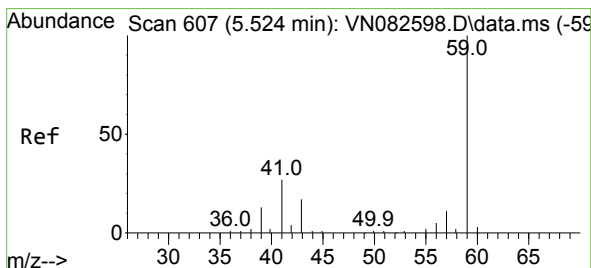
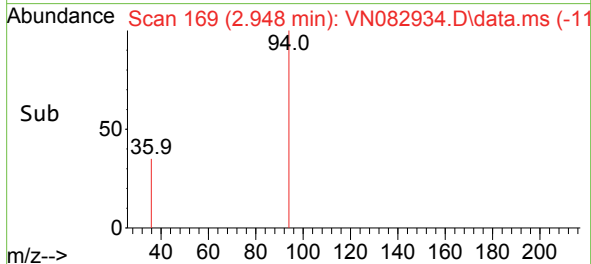
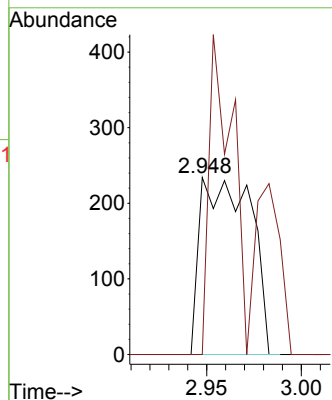


#5
Bromomethane
Concen: 0.555 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :

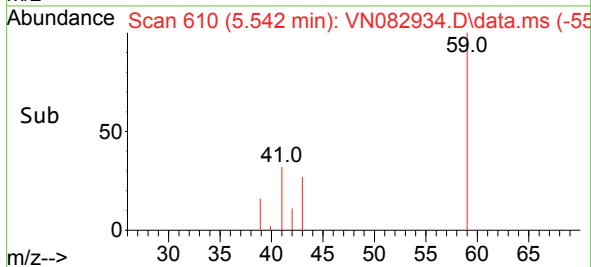
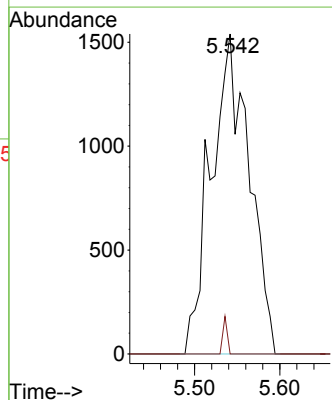
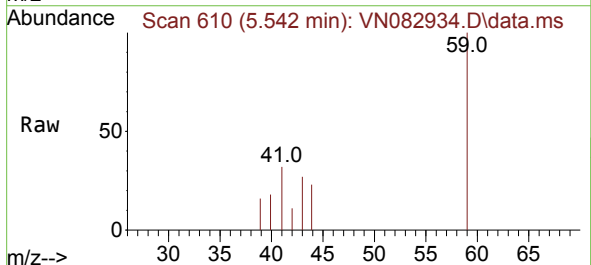


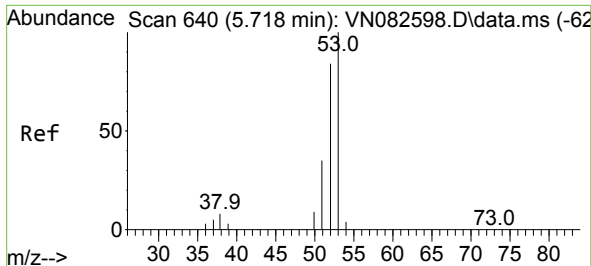
Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#11
Tert butyl alcohol
Concen: 24.041 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

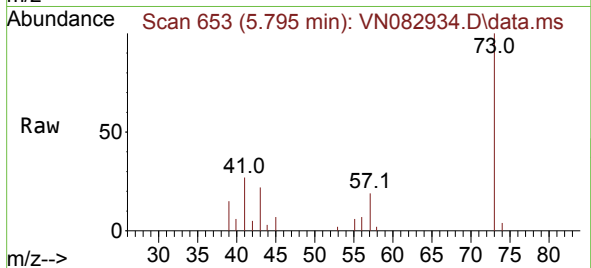
Tgt Ion: 59 Resp: 4786
Ion Ratio Lower Upper
59 100
57 1.3 8.9 13.3#



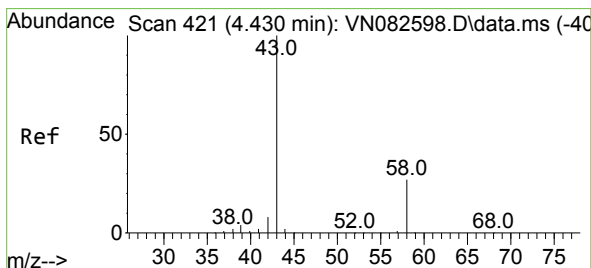
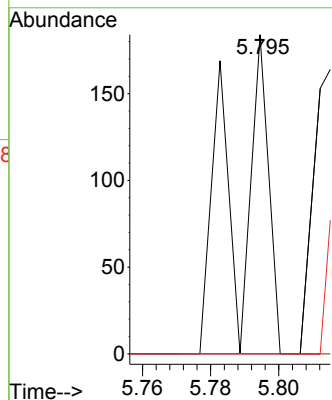


#15
Acrylonitrile
Concen: 0.273 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.077 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :

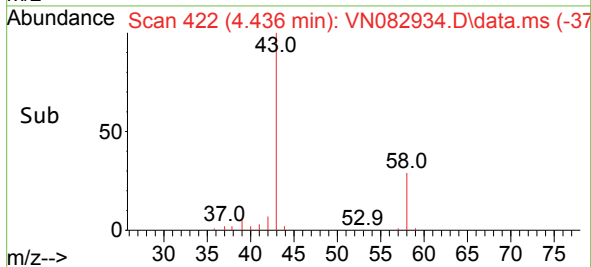
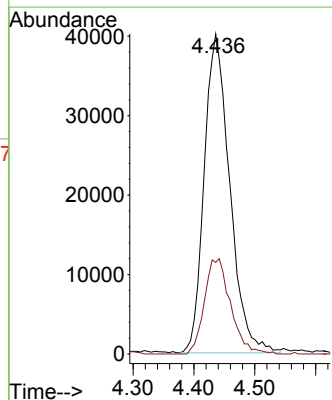
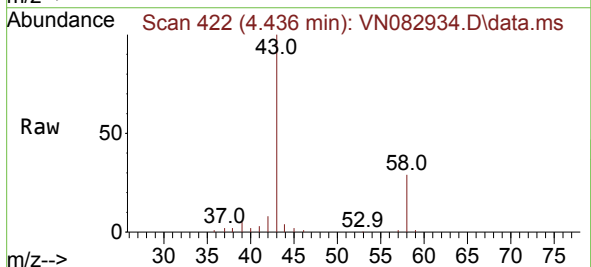


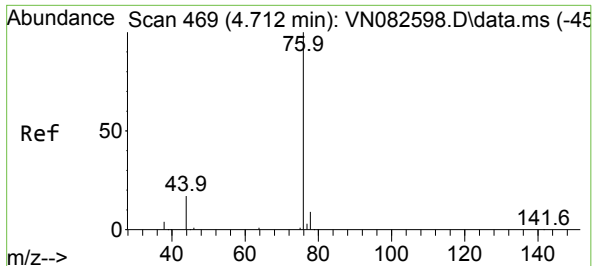
Tgt Ion: 53 Resp: 125
Ion Ratio Lower Upper
53 100
52 0.0 66.6 100.0#
51 0.0 30.1 45.1#



#16
Acetone
Concen: 281.138 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 43 Resp: 117158
Ion Ratio Lower Upper
43 100
58 28.7 21.8 32.6

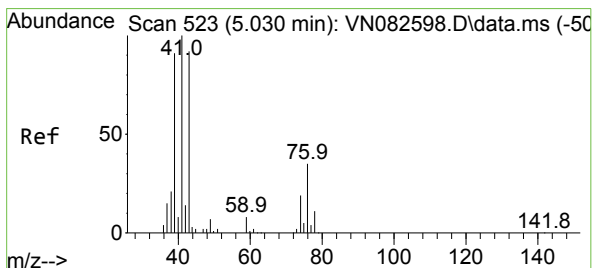
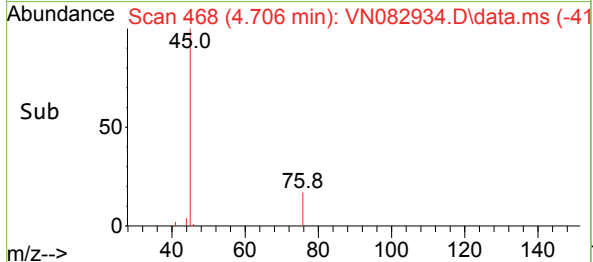
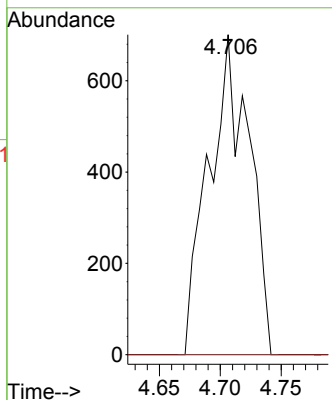
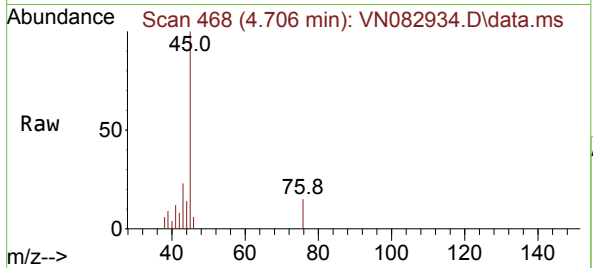




#17
Carbon Disulfide
Concen: 0.631 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

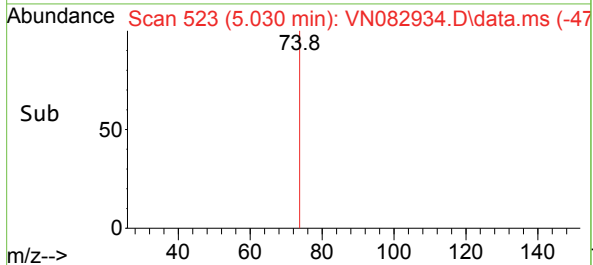
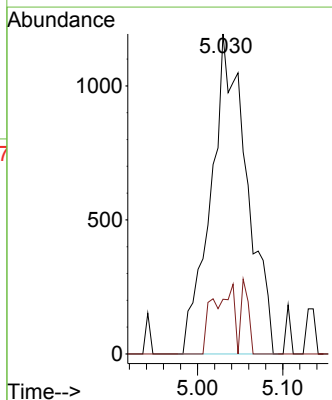
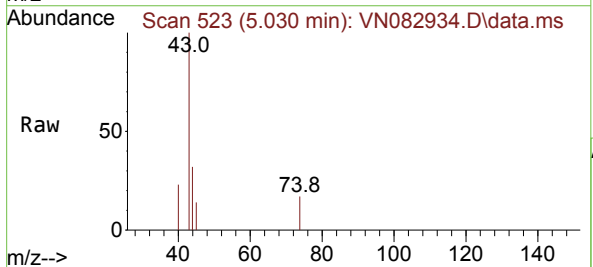
Instrument :
MSVOA_N
ClientSampleId :

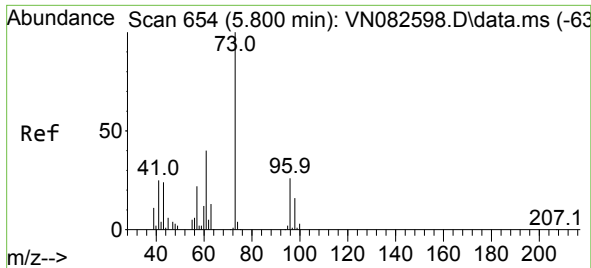
Tgt Ion: 76 Resp: 1625
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 3.174 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
74 5.7 16.3 24.5#

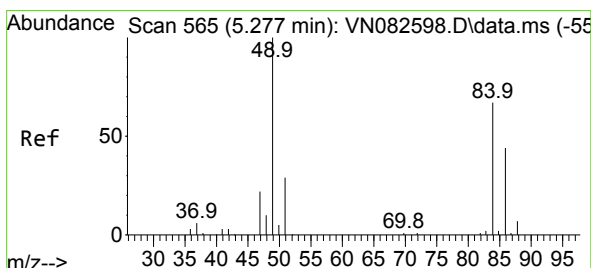
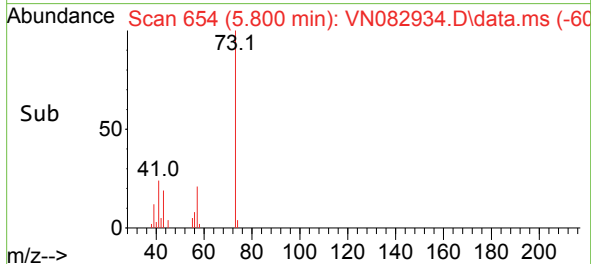
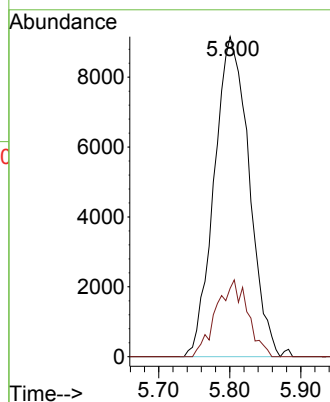
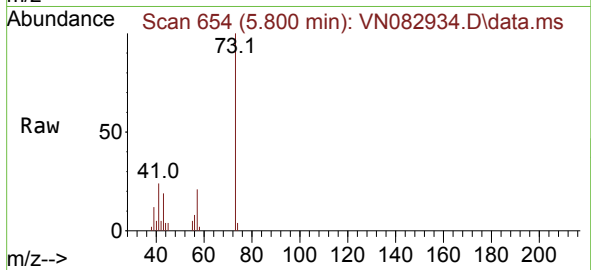




#19
Methyl tert-butyl Ether
Concen: 10.467 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN082934.D
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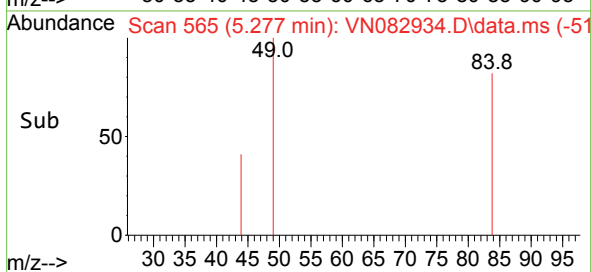
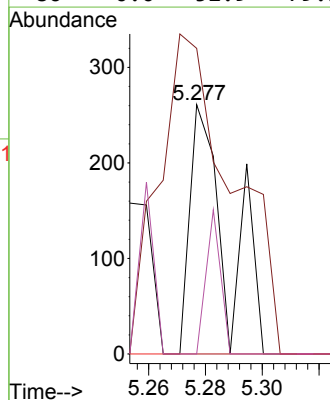
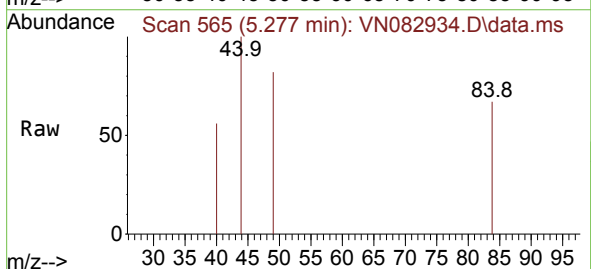
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MSVOA_N
ClientSampleId :

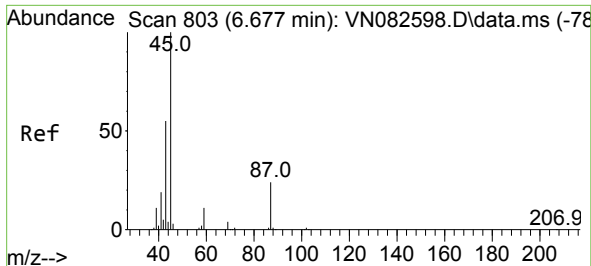
Tgt Ion: 73 Resp: 31121
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

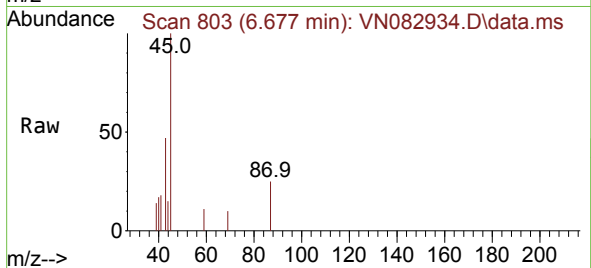
Tgt Ion: 84 Resp: 235
Ion Ratio Lower Upper
84 100
49 122.6 119.6 179.4
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



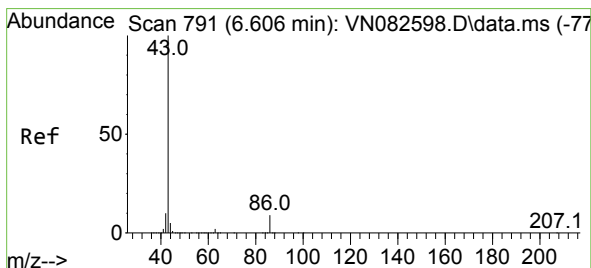
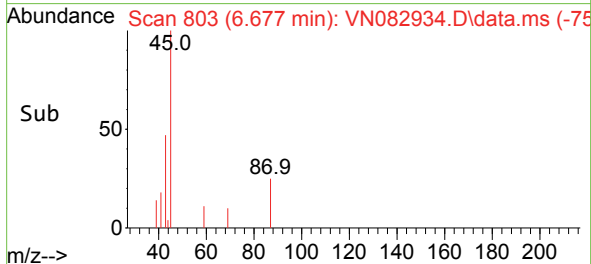
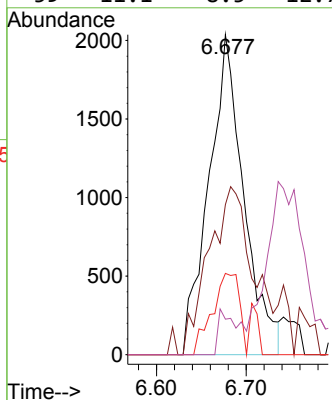


#22
Diisopropyl ether
Concen: 1.961 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :

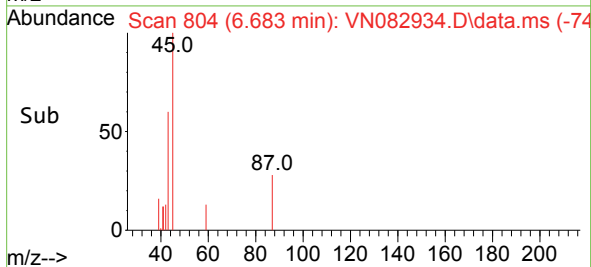
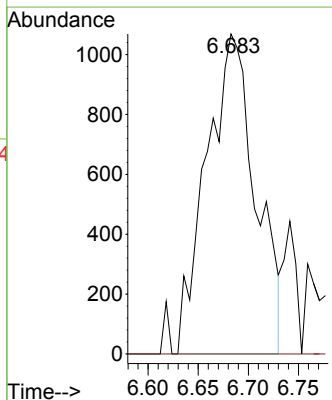
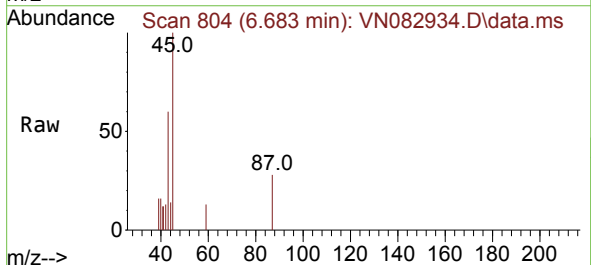


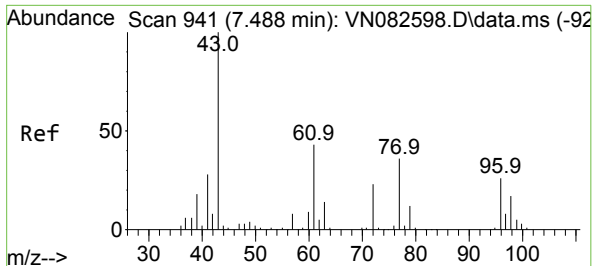
Tgt Ion:	45	Resp:	5513
Ion	Ratio	Lower	Upper
45	100		
43	46.9	44.0	66.0
87	25.4	19.7	29.5
59	11.1	8.5	12.7



#23
Vinyl Acetate
Concen: 1.634 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.077 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion:	43	Resp:	3648
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.3	10.9#





#25

2-Butanone

Concen: 56.686 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

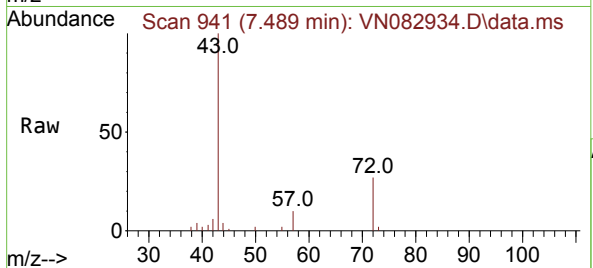
Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

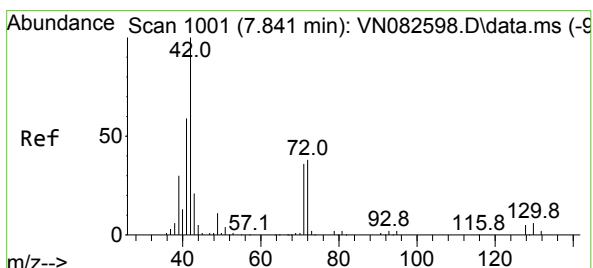
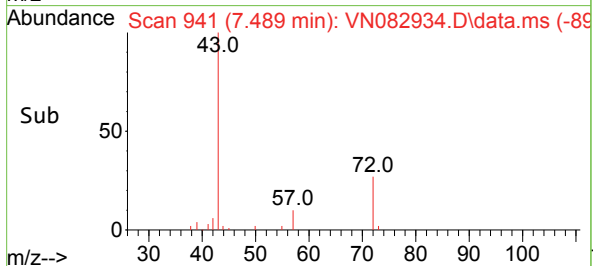
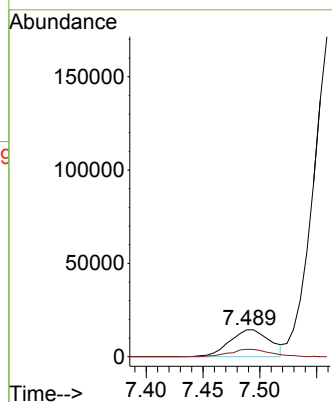


Tgt Ion: 43 Resp: 35669

Ion Ratio Lower Upper

43 100

72 27.3 18.2 27.2#



#29

Tetrahydrofuran

Concen: 76.276 ug/l

RT: 7.565 min Scan# 954

Delta R.T. -0.276 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

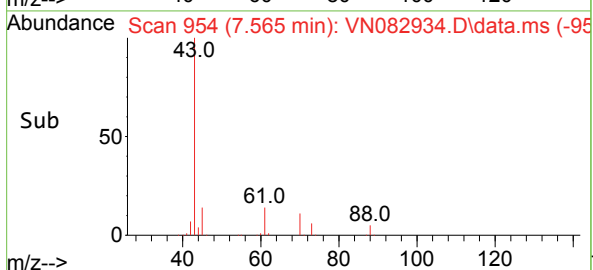
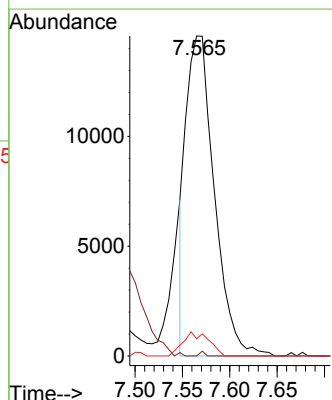
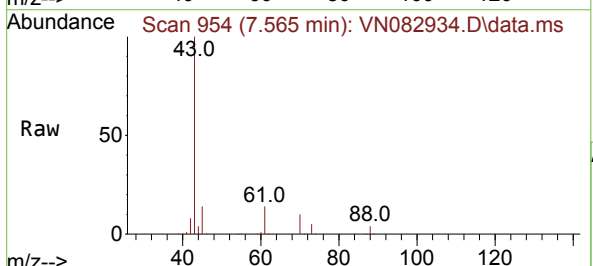
Tgt Ion: 42 Resp: 30216

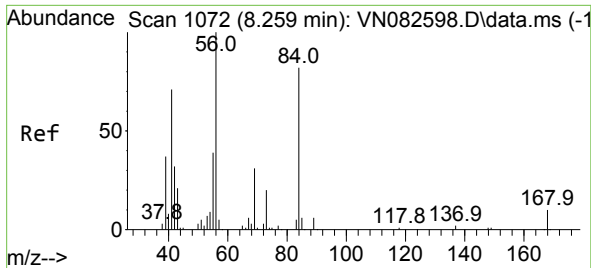
Ion Ratio Lower Upper

42 100

72 0.3 30.0 45.0#

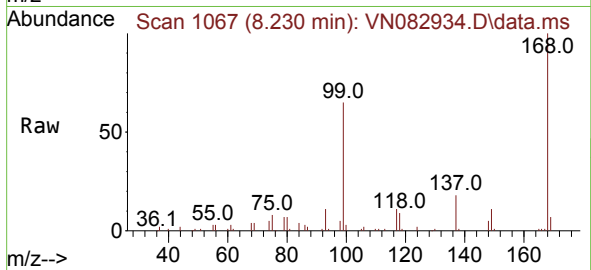
71 6.0 28.3 42.5#



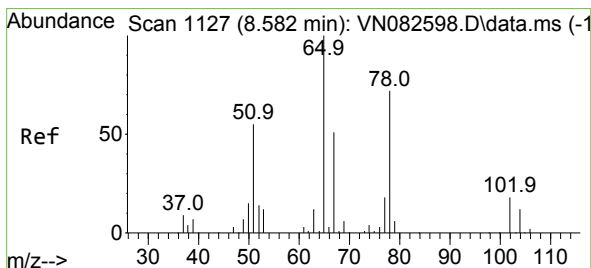
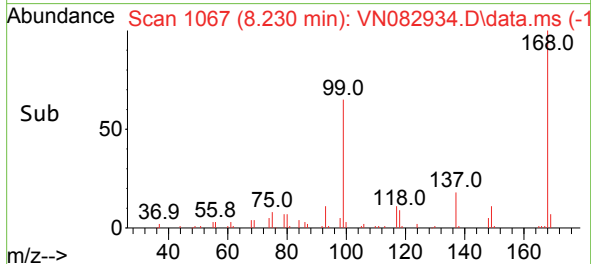
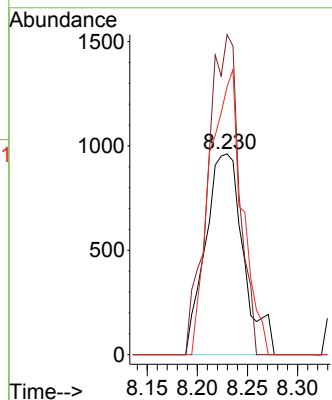


#31
Cyclohexane
Concen: 1.635 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :

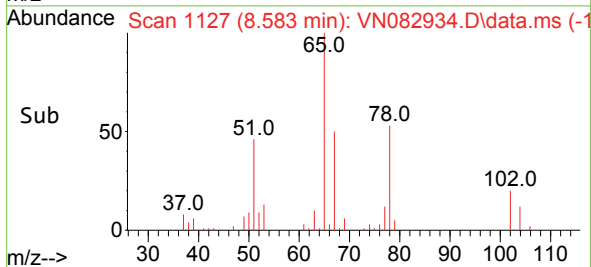
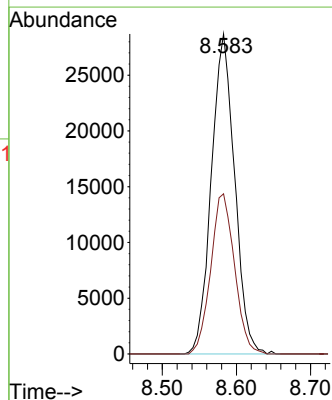
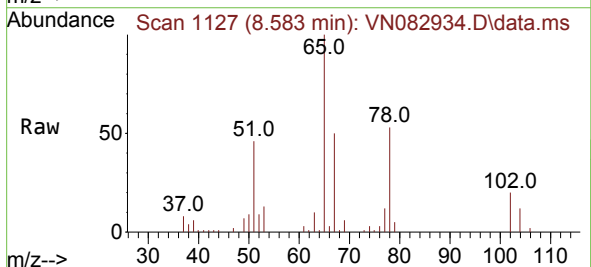


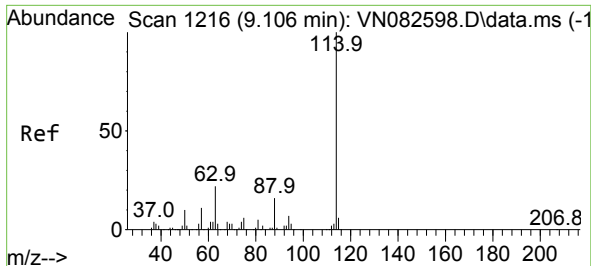
Tgt Ion: 56 Resp: 2530
Ion Ratio Lower Upper
56 100
69 159.4 24.5 36.7#
84 133.5 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 52.916 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

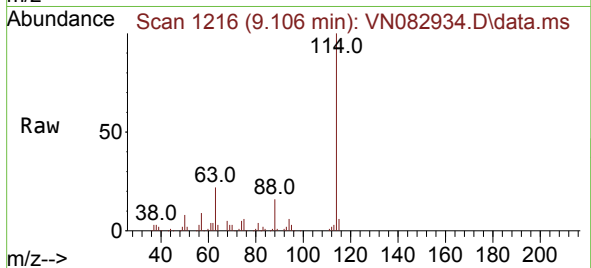
Tgt Ion: 65 Resp: 62633
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4



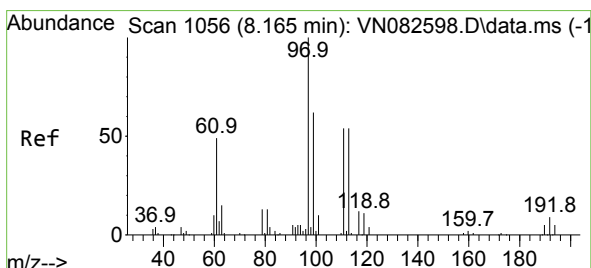
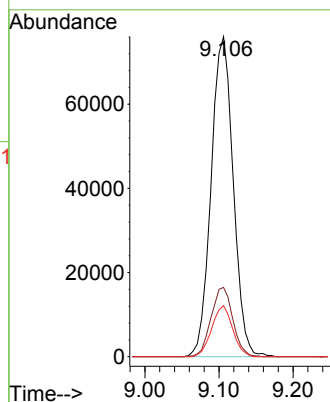
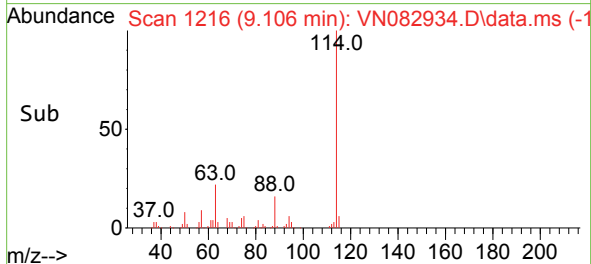


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: VN082934.D
 Acq: 16 Jul 2024 14:26

Instrument :
 MSVOA_N
 ClientSampleId :

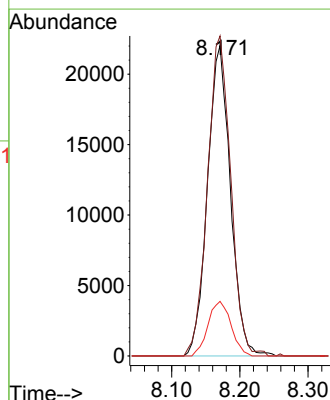
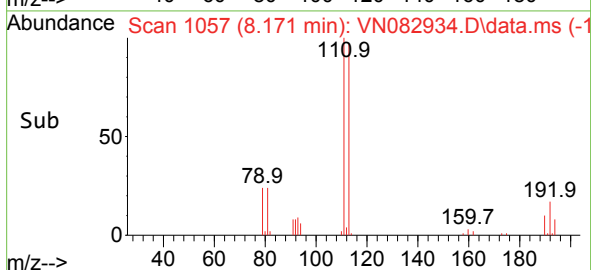
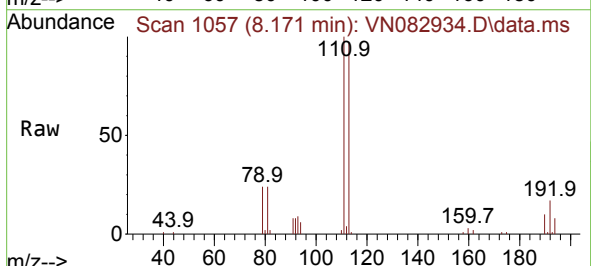


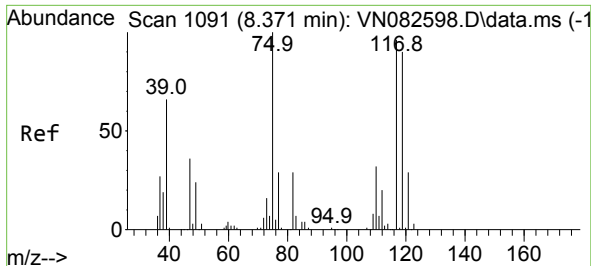
Tgt Ion:114 Resp: 157513
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.6
 88 15.9 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 50.990 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082934.D
 Acq: 16 Jul 2024 14:26

Tgt Ion:113 Resp: 51537
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.4 123.6
 192 17.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.291 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

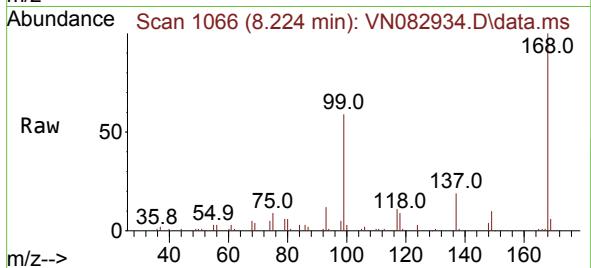
Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :



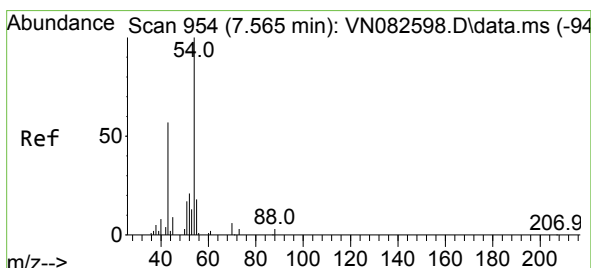
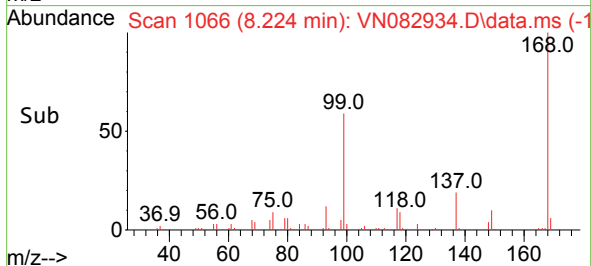
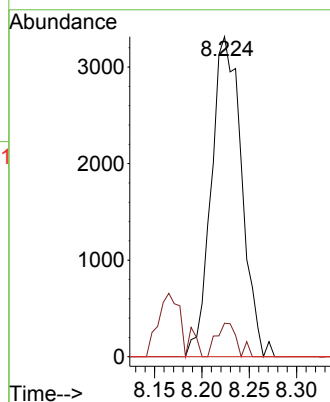
Tgt Ion: 75 Resp: 7373

Ion Ratio Lower Upper

75 100

110 7.2 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 318.653 ug/l

RT: 7.565 min Scan# 954

Delta R.T. -0.000 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

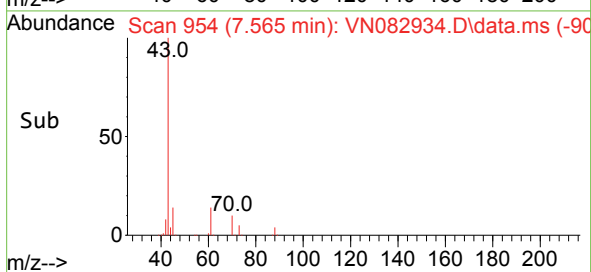
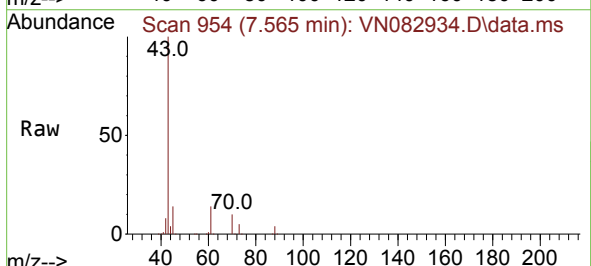
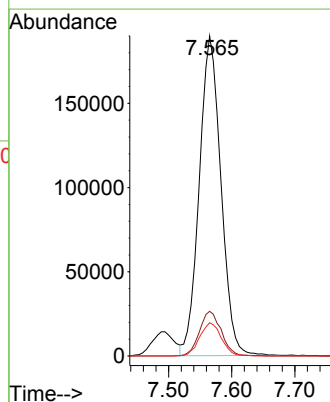
Tgt Ion: 43 Resp: 452084

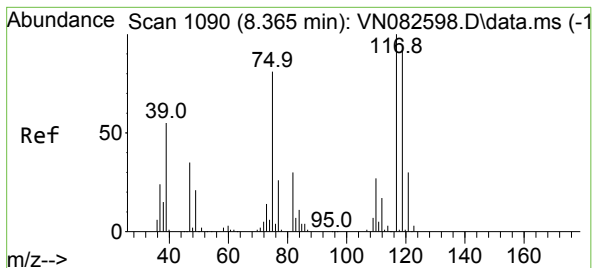
Ion Ratio Lower Upper

43 100

61 14.1 9.3 13.9#

70 10.4 7.0 10.6





#38

Carbon Tetrachloride

Concen: 5.495 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

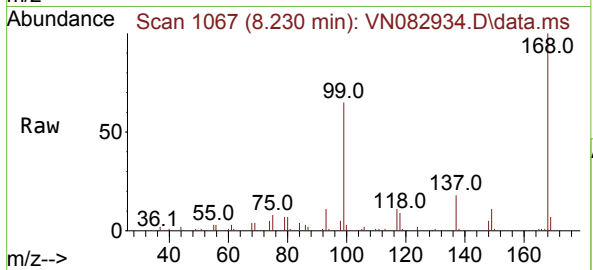
Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :



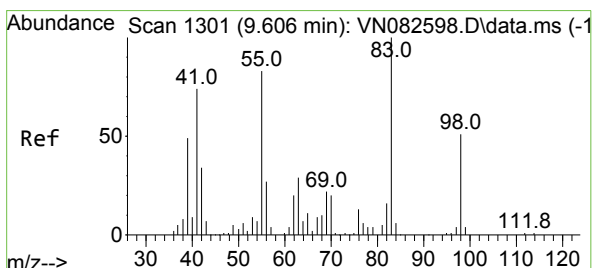
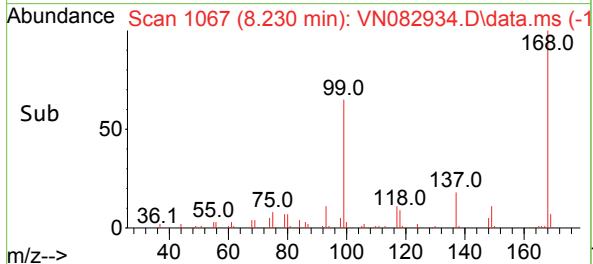
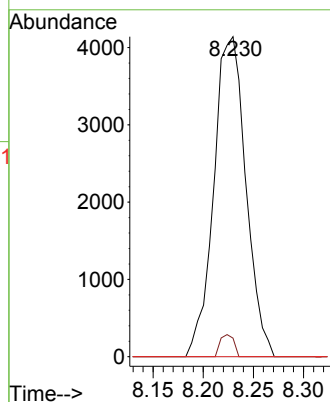
Tgt Ion:117 Resp: 9220

Ion Ratio Lower Upper

117 100

119 5.8 74.9 112.3#

121 0.0 24.3 36.5#



#39

Methylcyclohexane

Concen: 0.238 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.012 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

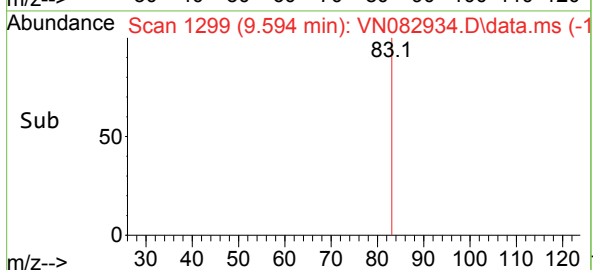
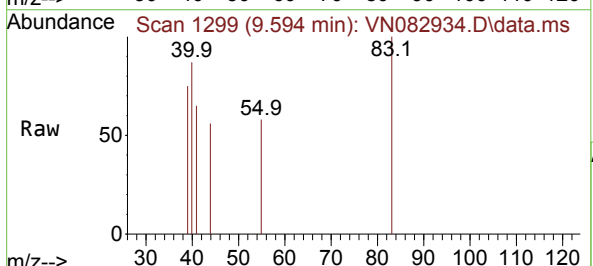
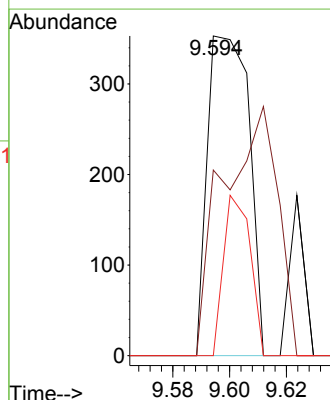
Tgt Ion: 83 Resp: 358

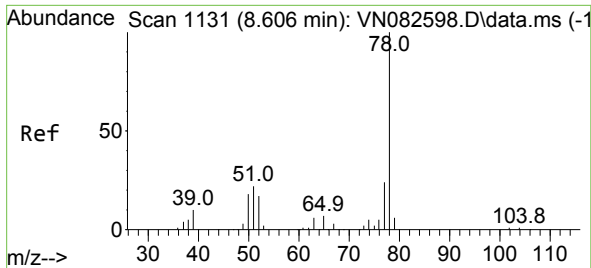
Ion Ratio Lower Upper

83 100

55 58.1 66.4 99.6#

98 0.0 40.7 61.1#

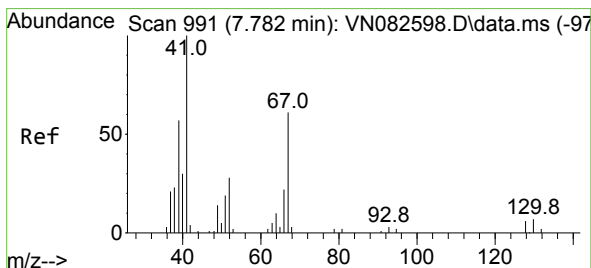
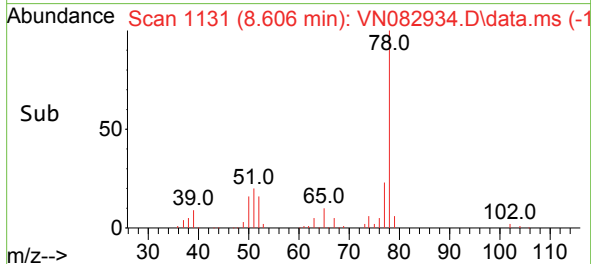
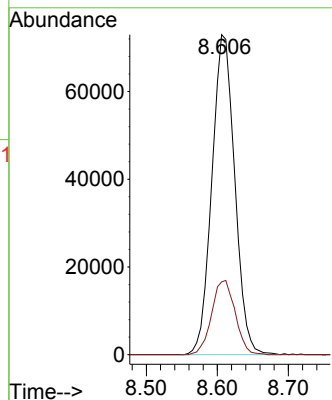
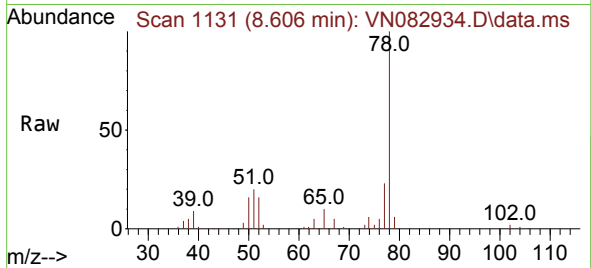




#40
Benzene
Concen: 38.049 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

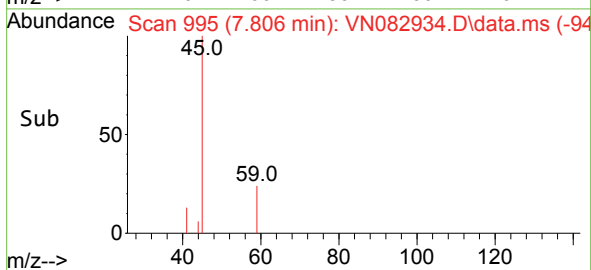
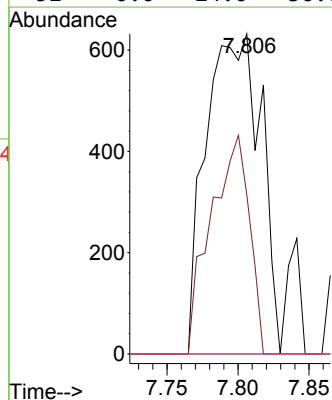
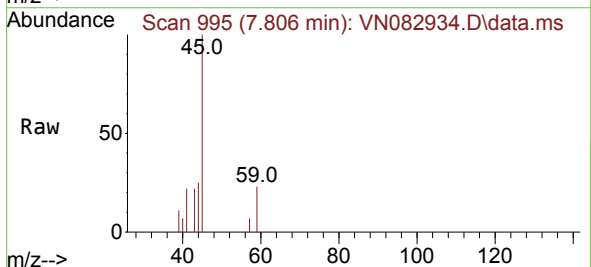
Instrument :
MSVOA_N
ClientSampleId :

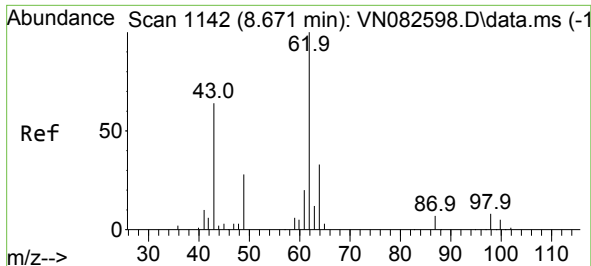
Tgt Ion: 78 Resp: 163096
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4



#41
Methacrylonitrile
Concen: 2.225 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.024 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 41 Resp: 1701
Ion Ratio Lower Upper
41 100
39 47.9 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#





#42

1,2-Dichloroethane

Concen: 1.084 ug/l

RT: 8.606 min Scan# 11

Delta R.T. -0.065 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_N

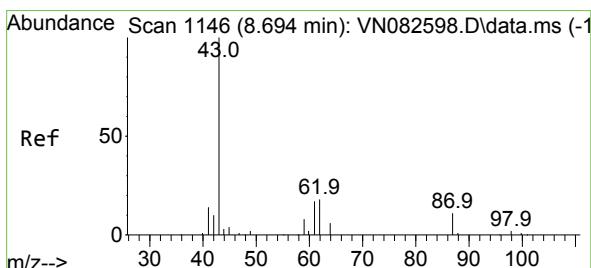
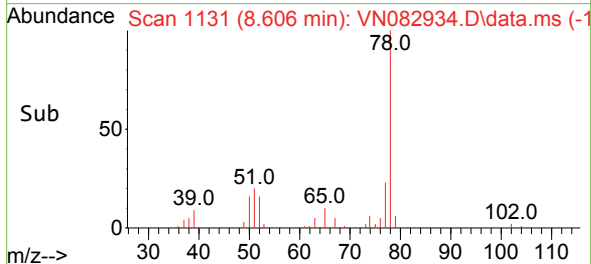
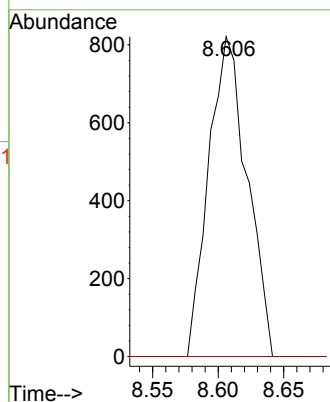
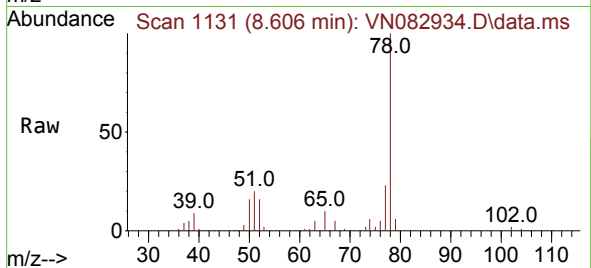
ClientSampleId :

Tgt Ion: 62 Resp: 1673

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

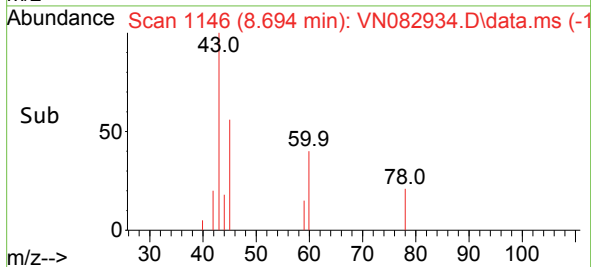
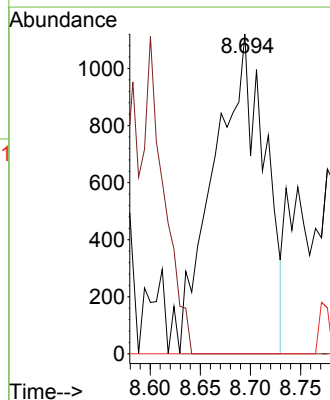
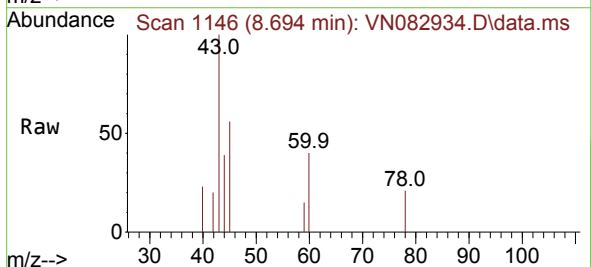
Tgt Ion: 43 Resp: 3906

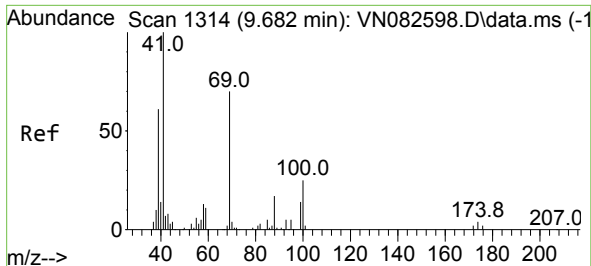
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#48

Methyl methacrylate

Concen: 0.913 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.029 min

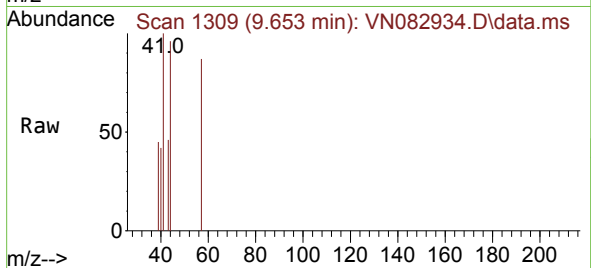
Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

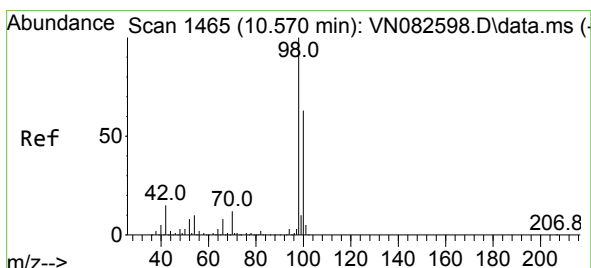
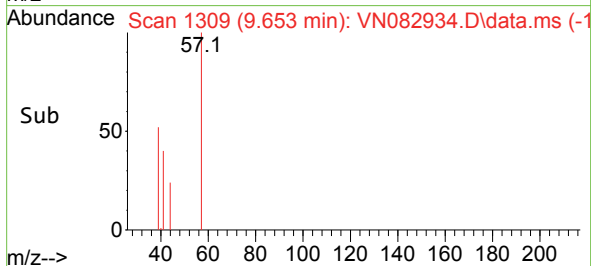
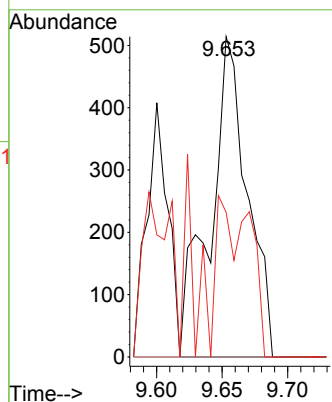
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	56.3	84.5#
39	22.4	50.3	75.5#



#50

Toluene-d8

Concen: 51.344 ug/l

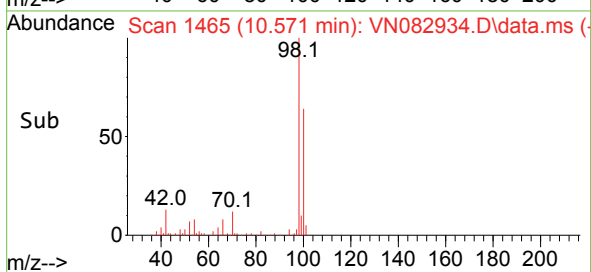
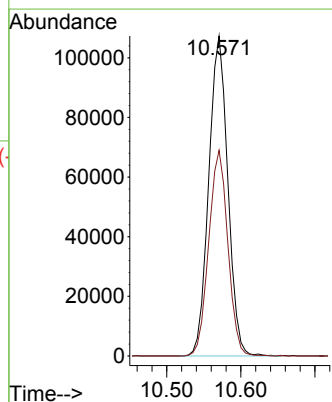
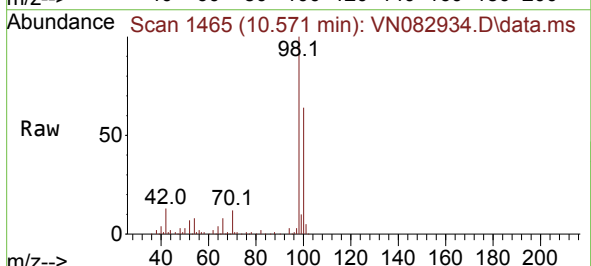
RT: 10.571 min Scan# 1465

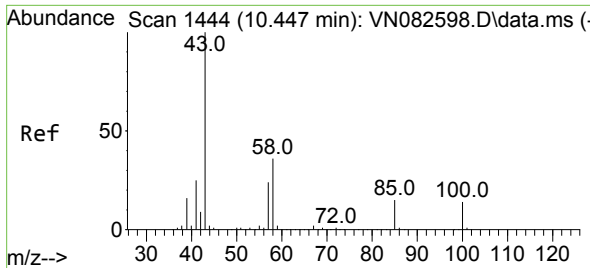
Delta R.T. 0.001 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3

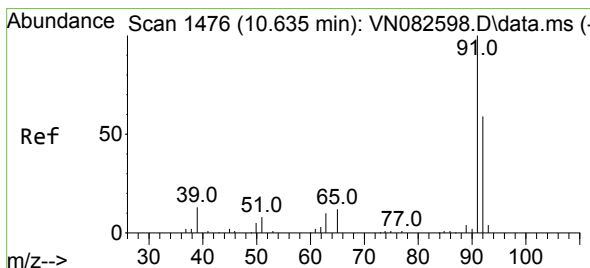
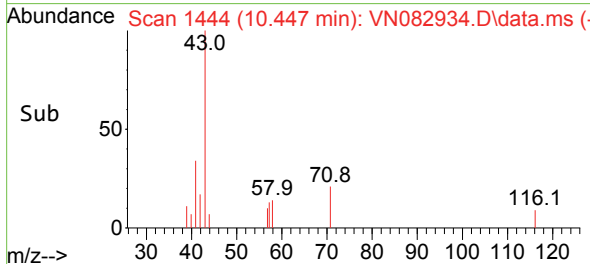
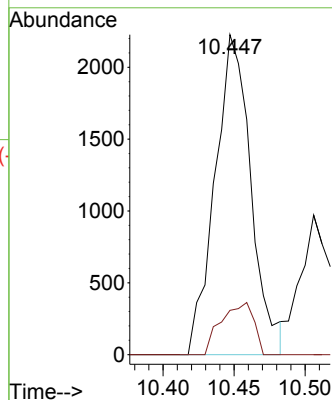
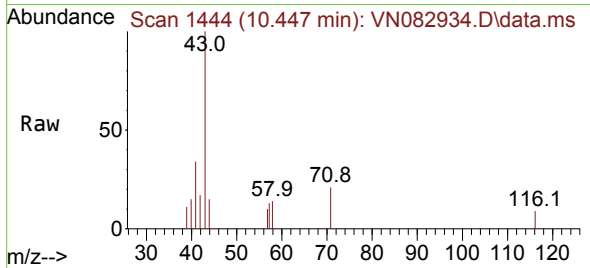




#51
4-Methyl-2-Pentanone
Concen: 2.790 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

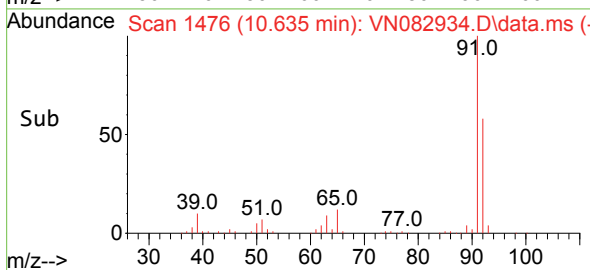
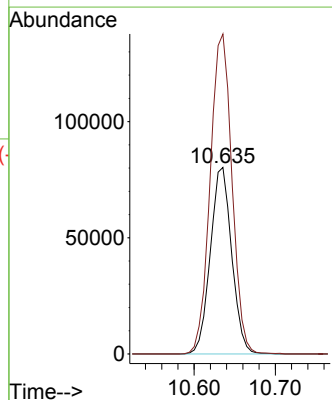
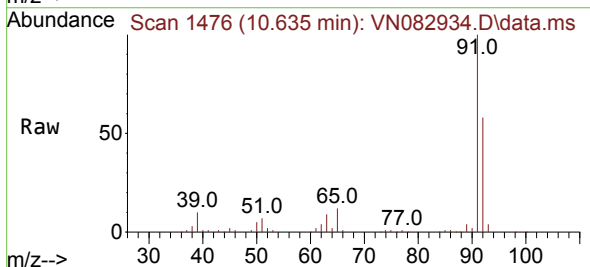
Instrument :
MSVOA_N
ClientSampleId :

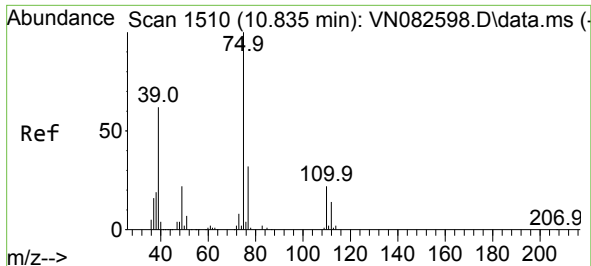
Tgt Ion: 43 Resp: 3924
Ion Ratio Lower Upper
43 100
58 14.7 28.2 42.4#



#52
Toluene
Concen: 54.771 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 92 Resp: 146657
Ion Ratio Lower Upper
92 100
91 174.9 139.4 209.0

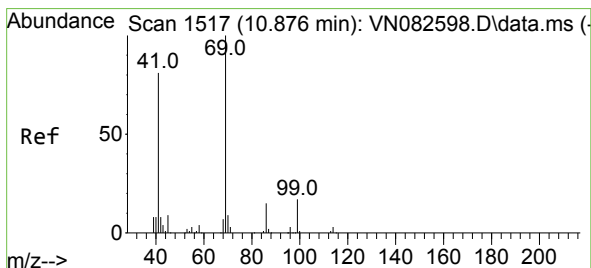
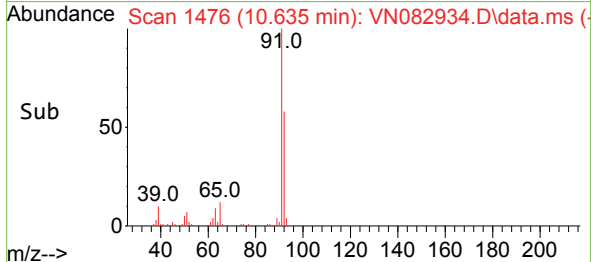
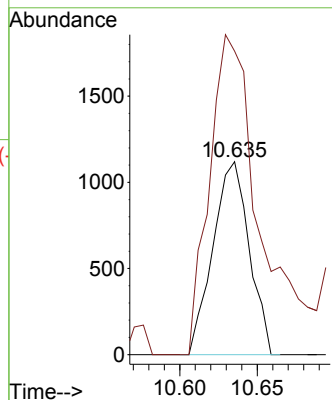
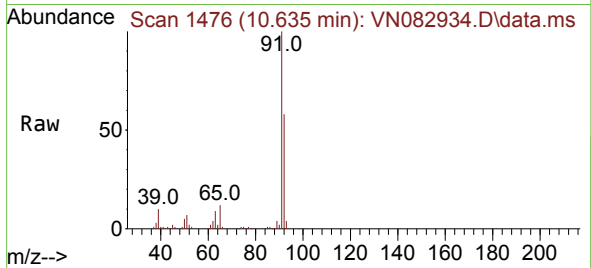




#53
t-1,3-Dichloropropene
Concen: 1.098 ug/l
RT: 10.635 min Scan# 14
Delta R.T. -0.200 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

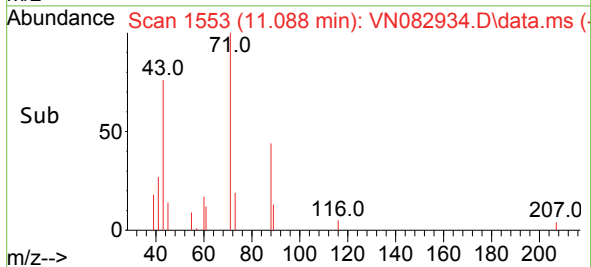
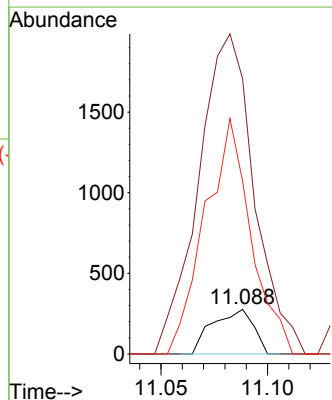
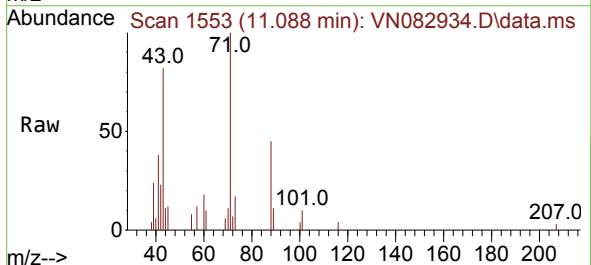
Instrument :
MSVOA_N
ClientSampleId :

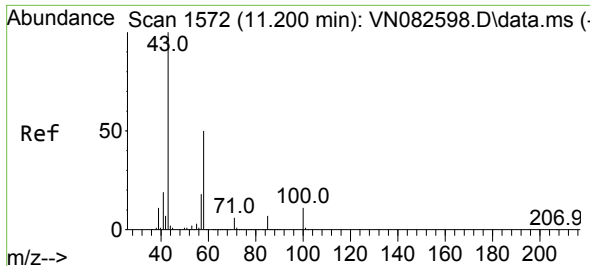
Tgt Ion: 75 Resp: 1822
Ion Ratio Lower Upper
75 100
77 157.2 25.7 38.5#



#56
Ethyl methacrylate
Concen: 0.240 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.212 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 69 Resp: 367
Ion Ratio Lower Upper
69 100
41 987.7 63.4 95.2#
39 597.3 37.4 56.0#

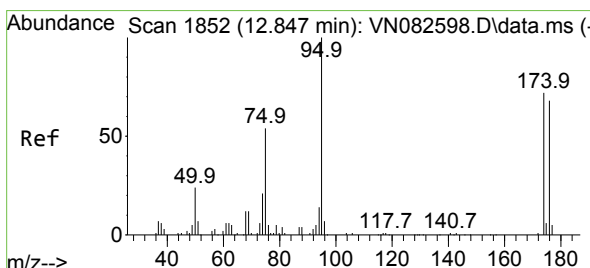
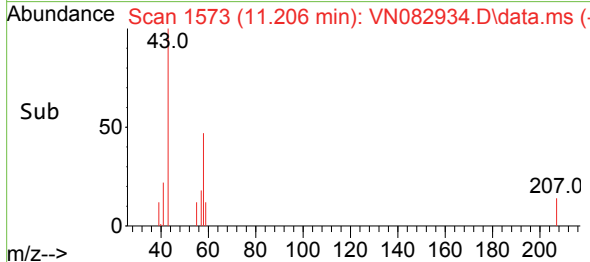
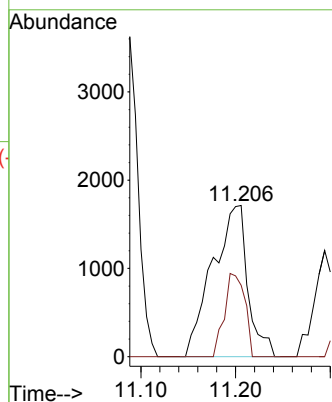
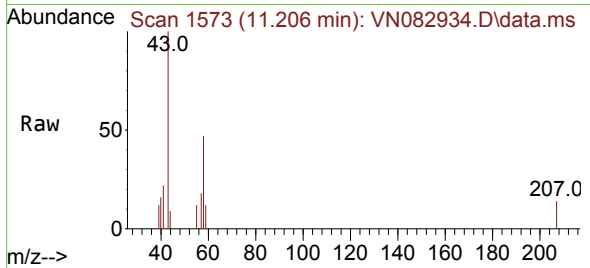




#59
2-Hexanone
Concen: 4.256 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

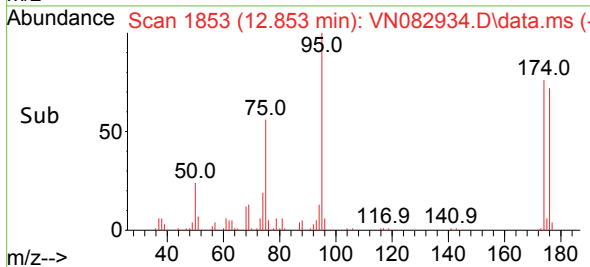
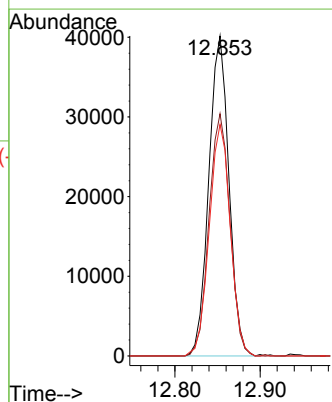
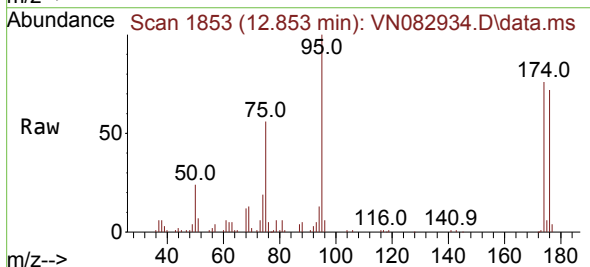
Instrument :
MSVOA_N
ClientSampleId :

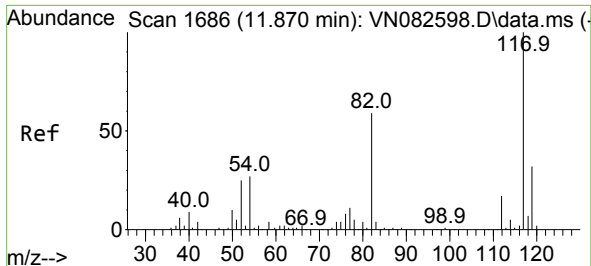
Tgt Ion: 43 Resp: 4451
Ion Ratio Lower Upper
43 100
58 31.5 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 49.328 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

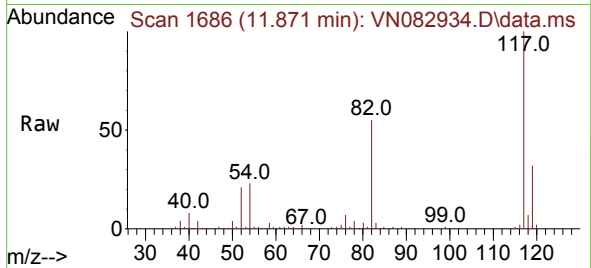
Tgt Ion: 95 Resp: 66146
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 75.5 0.0 147.6



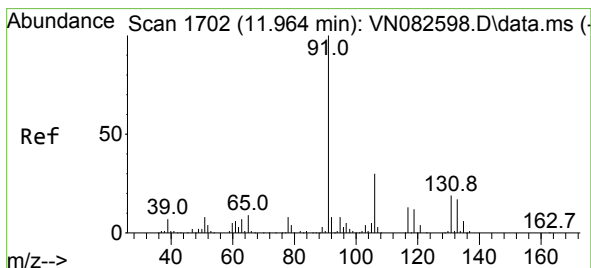
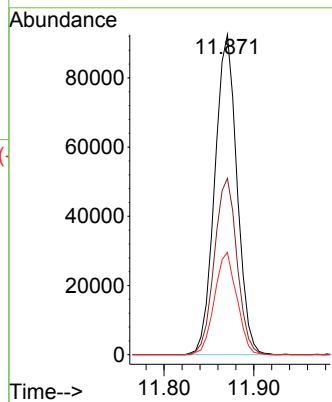
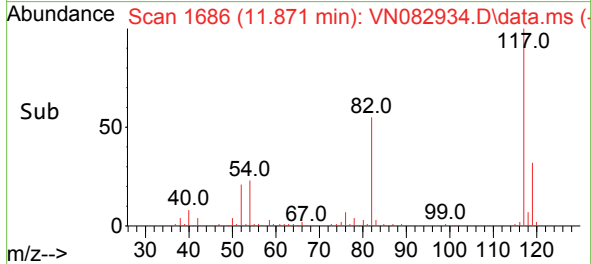


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :

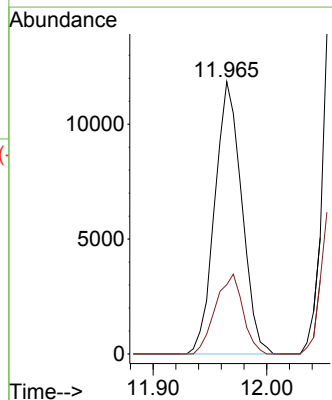
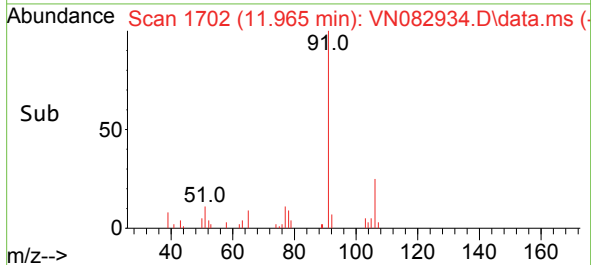
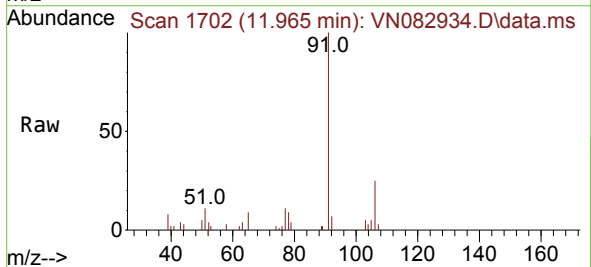


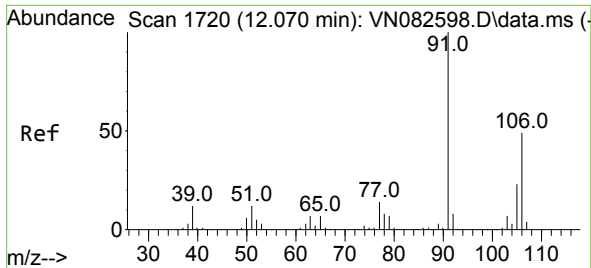
Tgt Ion:117 Resp: 159133
Ion Ratio Lower Upper
117 100
82 55.1 47.5 71.3
119 32.0 25.6 38.4



#67
Ethyl Benzene
Concen: 3.415 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 91 Resp: 19569
Ion Ratio Lower Upper
91 100
106 25.4 24.0 36.0

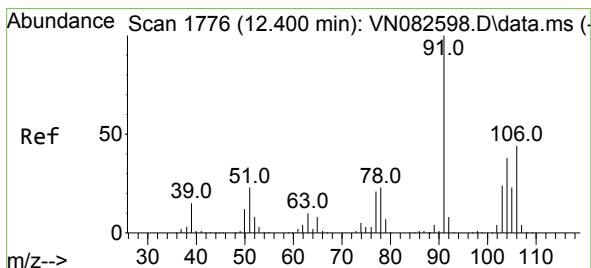
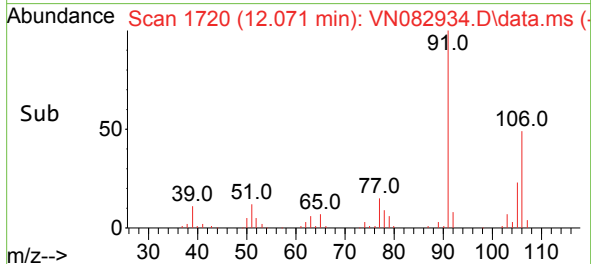
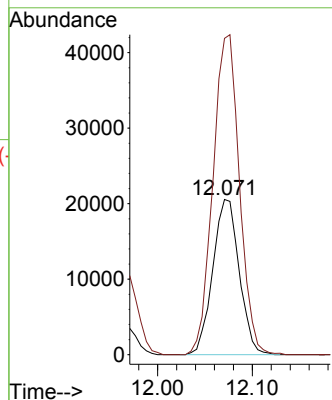
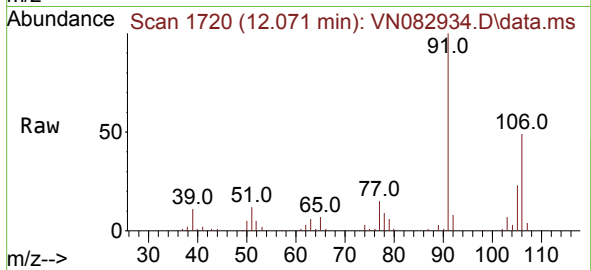




#68
m/p-Xylenes
Concen: 18.438 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

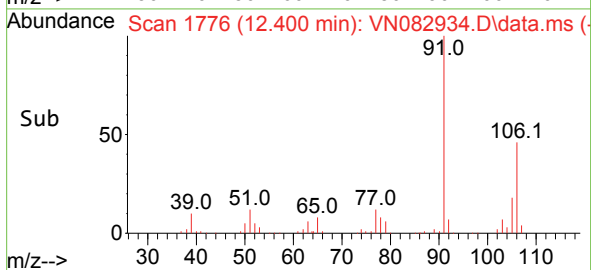
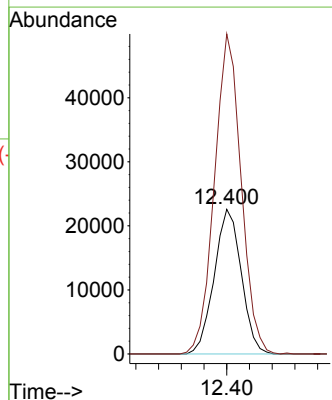
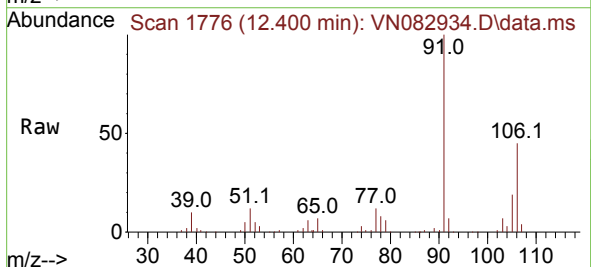
Instrument :
MSVOA_N
ClientSampleId :

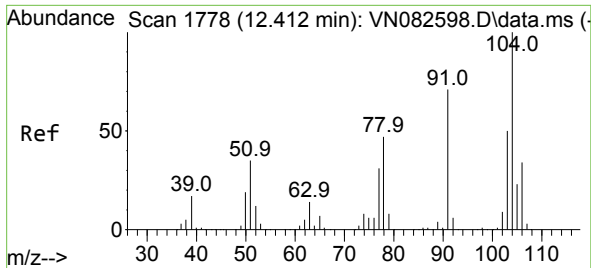
Tgt Ion:106 Resp: 39894
Ion Ratio Lower Upper
106 100
91 206.6 166.1 249.1



#69
o-Xylene
Concen: 18.043 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion:106 Resp: 37407
Ion Ratio Lower Upper
106 100
91 217.9 111.3 333.9

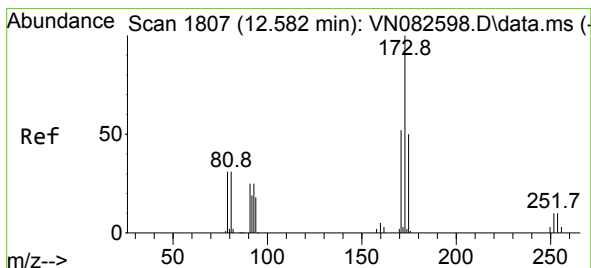
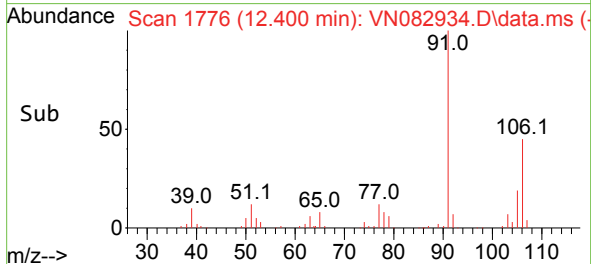
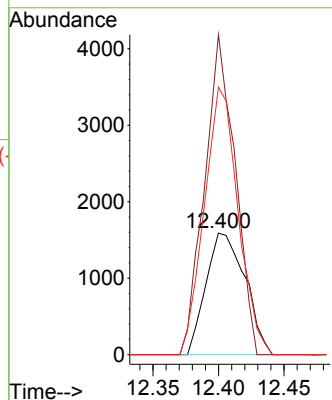
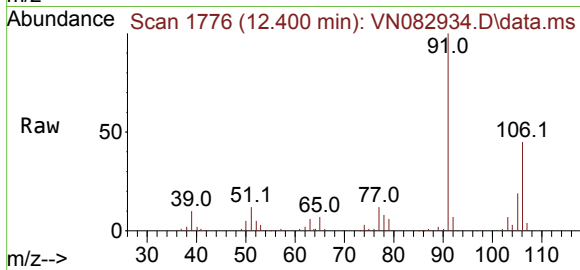




#70
Styrene
Concen: 0.964 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

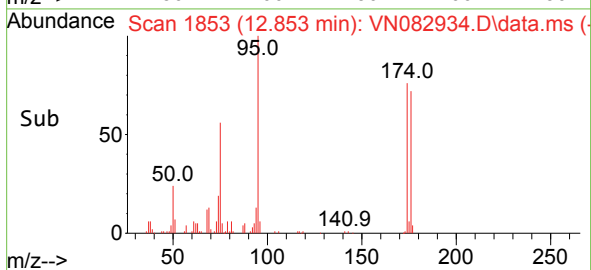
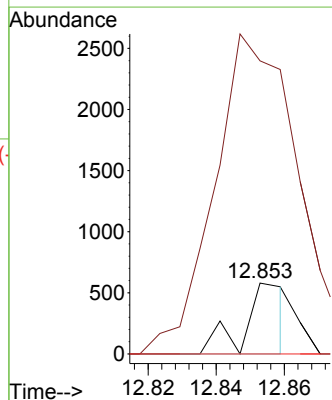
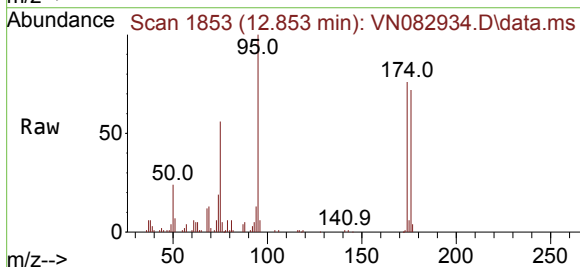
Instrument :
MSVOA_N
ClientSampleId :

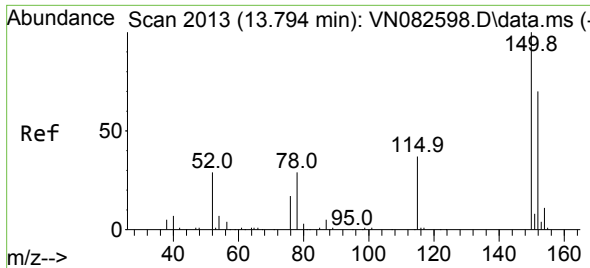
Tgt Ion	Ratio	Lower	Upper
104	100		
78	205.2	41.6	62.4#
103	190.3	44.0	66.0#



#71
Bromoform
Concen: 0.517 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	726.2	24.0	72.0#
254	0.0	0.0	0.0

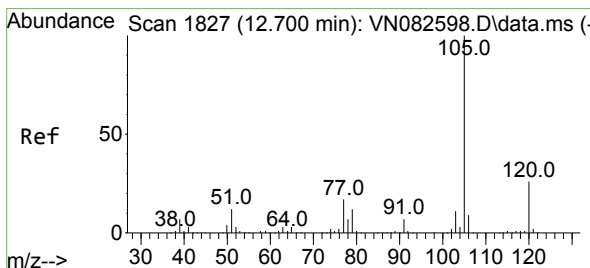
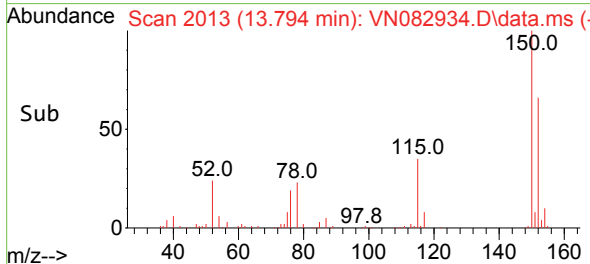
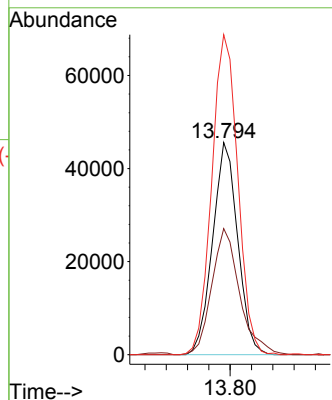
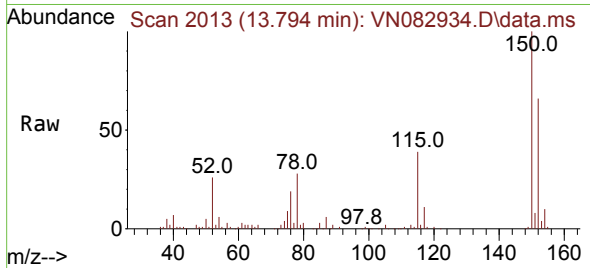




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

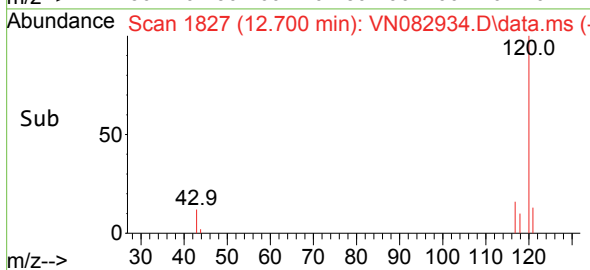
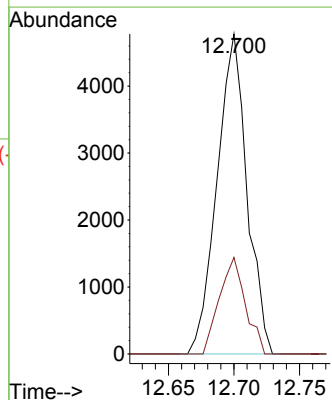
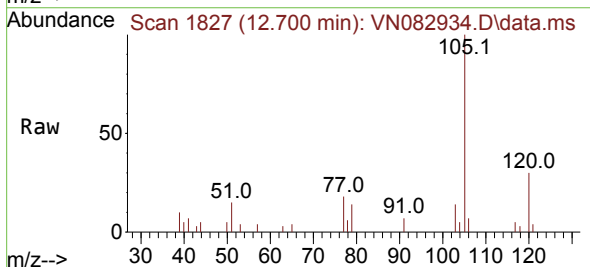
Instrument :
MSVOA_N
ClientSampleId :

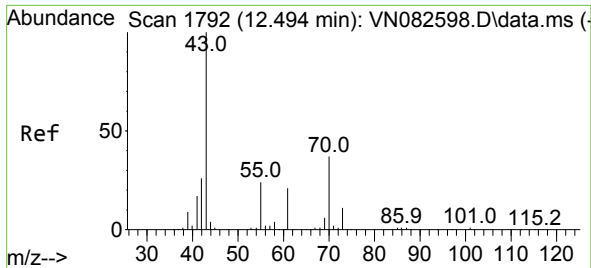
Tgt Ion:152 Resp: 74553
Ion Ratio Lower Upper
152 100
115 66.0 30.6 91.6
150 156.3 0.0 348.6



#73
Isopropylbenzene
Concen: 1.399 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

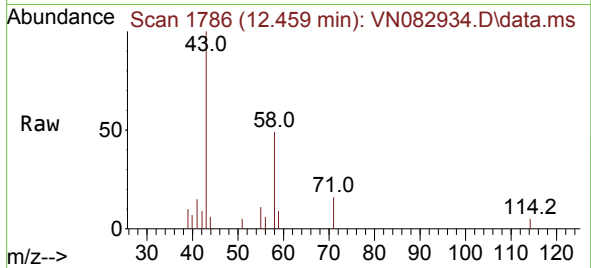
Tgt Ion:105 Resp: 7580
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



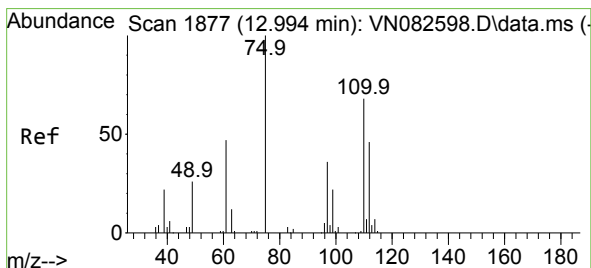
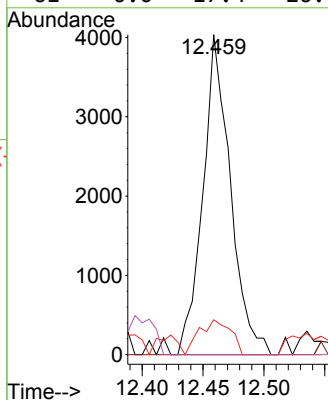
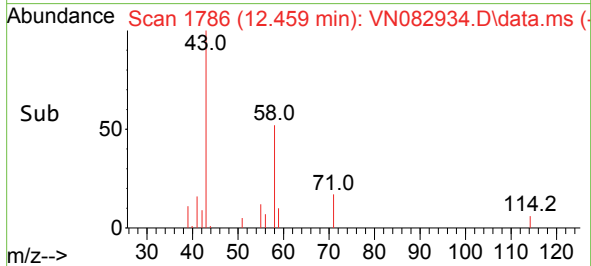


#74
N-amy1 acetate
Concen: 2.832 ug/l
RT: 12.459 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :

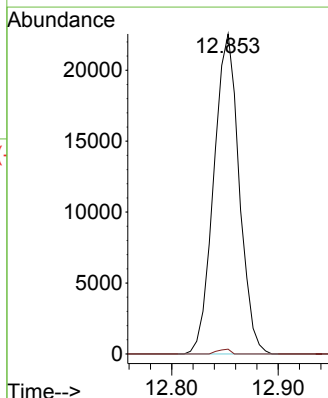
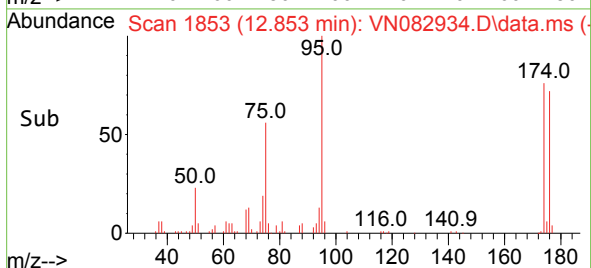
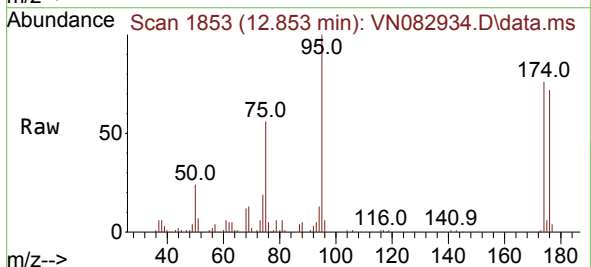


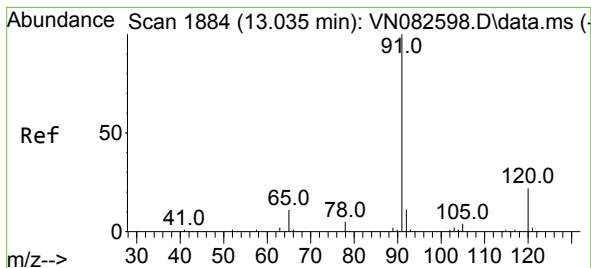
Tgt Ion: 43	Resp: 6347
Ion Ratio	Lower Upper
43 100	
70 0.0	29.8 44.6#
55 12.4	18.7 28.1#
61 0.0	17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 29.052 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 75	Resp: 37341
Ion Ratio	Lower Upper
75 100	
77 0.0	110.9 332.6#





#78

n-propylbenzene

Concen: 3.730 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_N

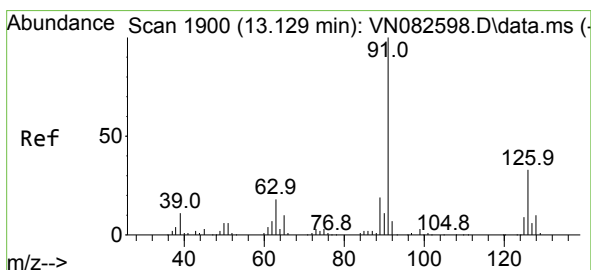
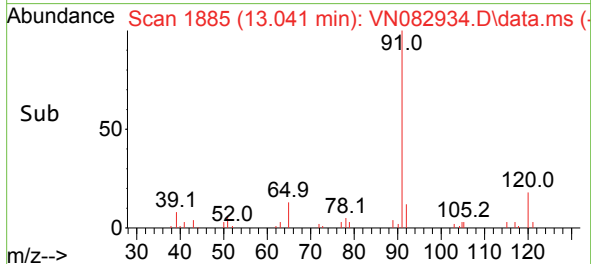
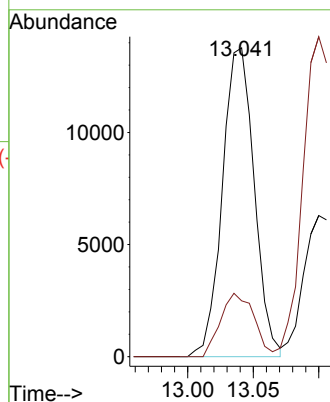
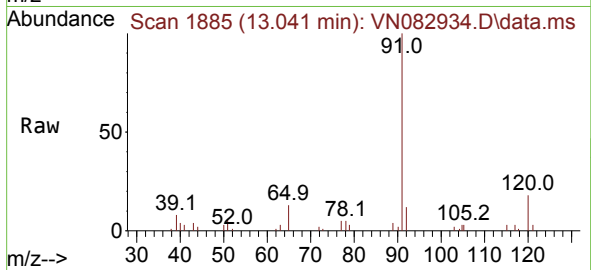
ClientSampleId :

Tgt Ion: 91 Resp: 23236

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.9



#79

2-Chlorotoluene

Concen: 2.711 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.029 min

Lab File: VN082934.D

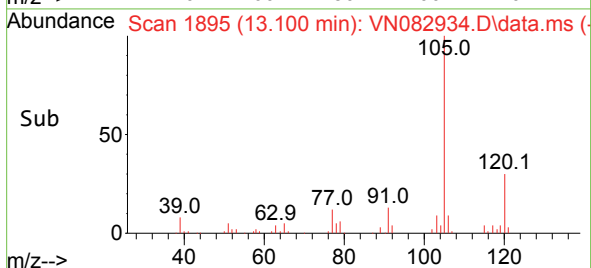
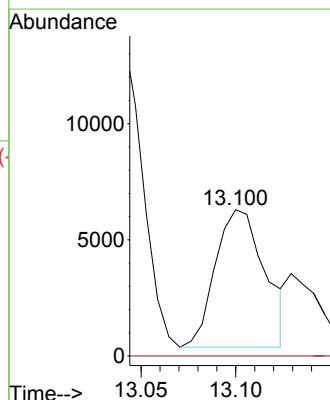
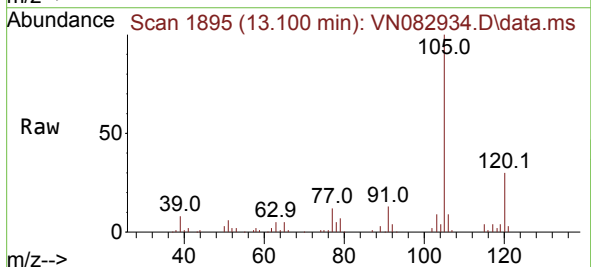
Acq: 16 Jul 2024 14:26

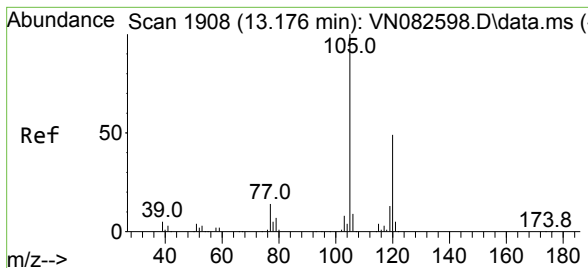
Tgt Ion: 91 Resp: 10759

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#

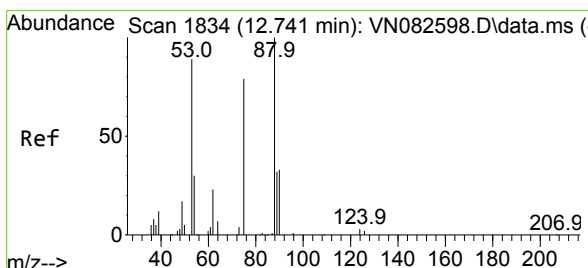
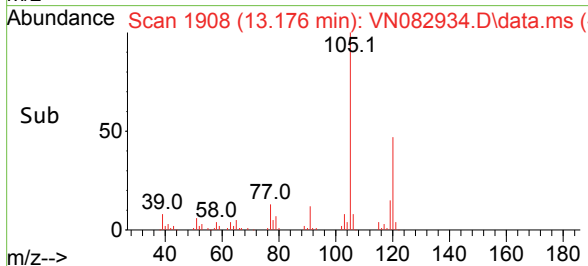
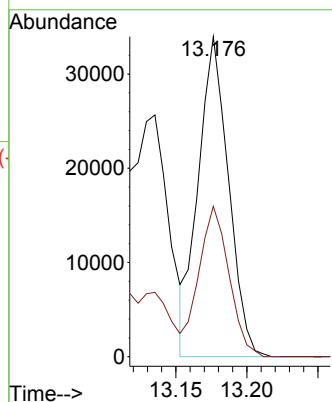
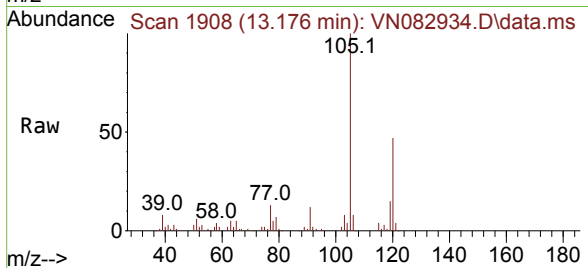




#80
 1,3,5-Trimethylbenzene
 Concen: 11.483 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN082934.D
 Acq: 16 Jul 2024 14:26

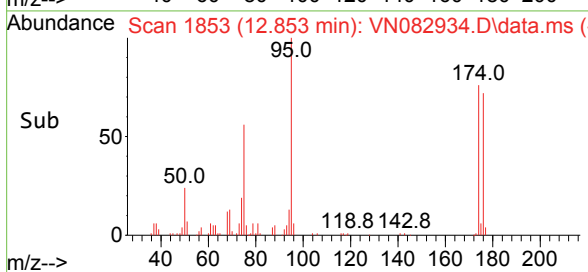
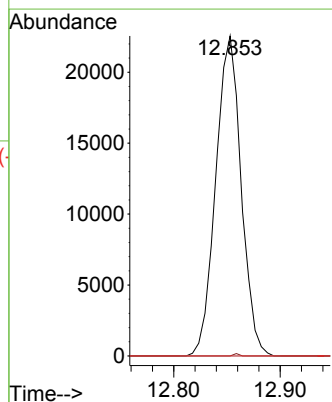
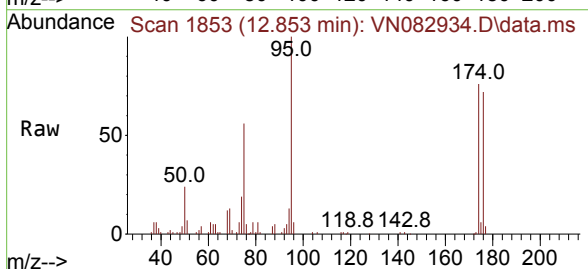
Instrument :
 MSVOA_N
 ClientSampleId :

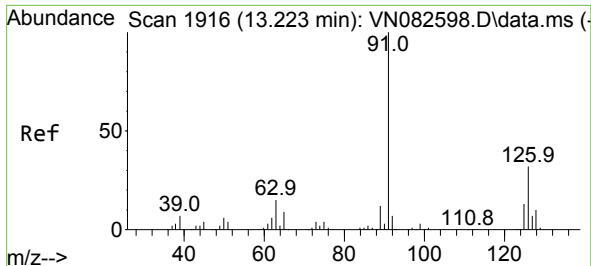
Tgt Ion:105 Resp: 50285
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.136 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN082934.D
 Acq: 16 Jul 2024 14:26

Tgt Ion: 75 Resp: 37341
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.4 132.6#
 89 0.0 36.3 54.5#

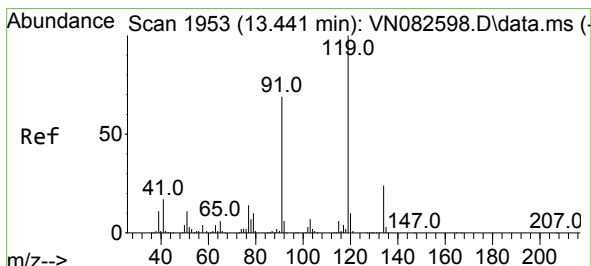
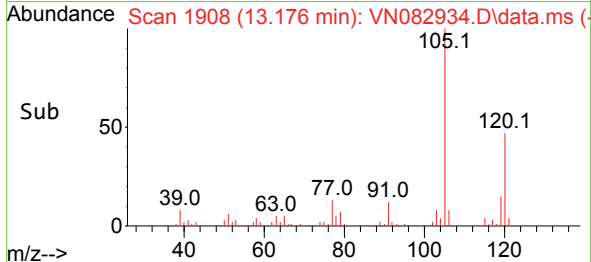
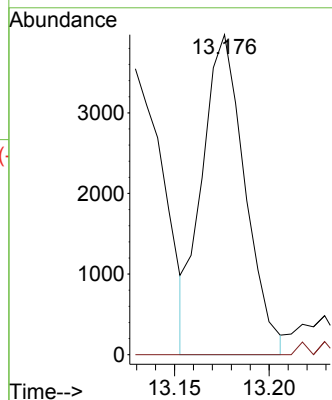
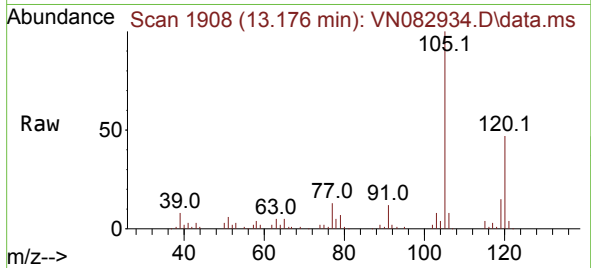




#82
4-Chlorotoluene
Concen: 1.591 ug/l
RT: 13.176 min Scan# 1916
Delta R.T. -0.047 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

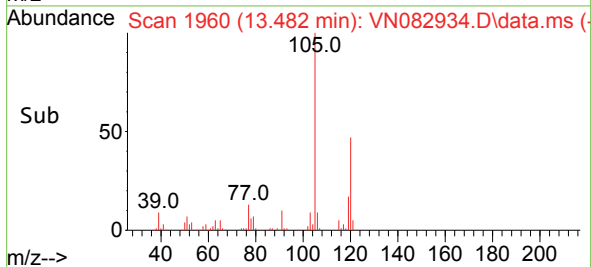
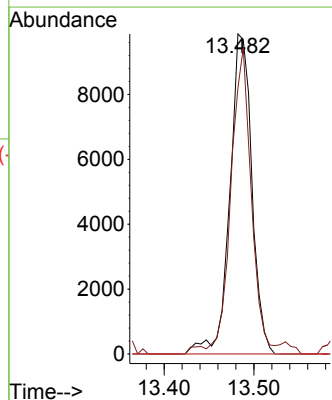
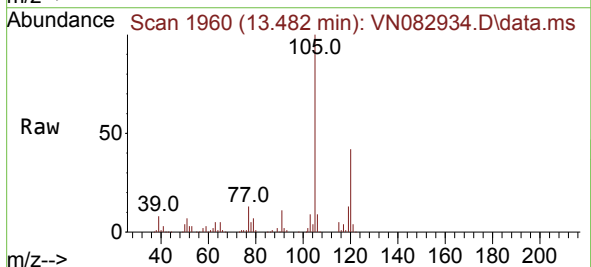
Instrument :
MSVOA_N
ClientSampleId :

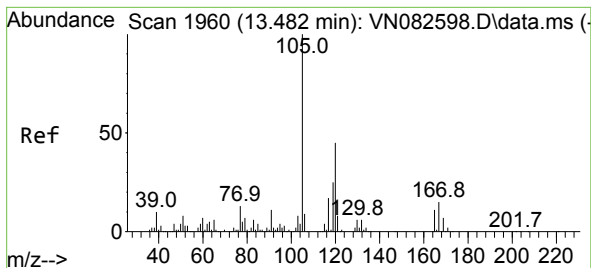
Tgt Ion: 91 Resp: 6248
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 4.336 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 119 Resp: 16833
Ion Ratio Lower Upper
119 100
91 89.6 35.0 105.1
134 0.0 13.3 39.8#





#84

1,2,4-Trimethylbenzene

Concen: 28.396 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_N

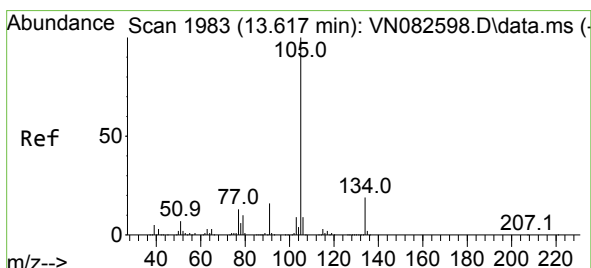
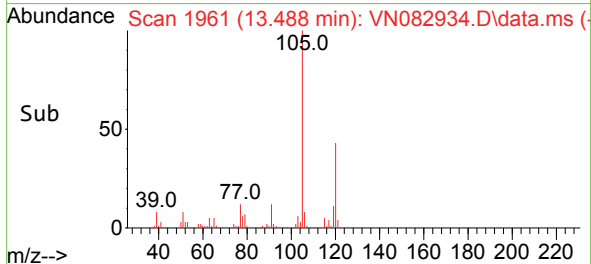
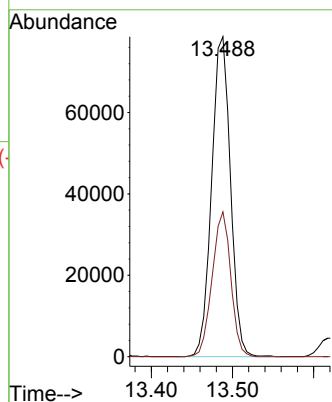
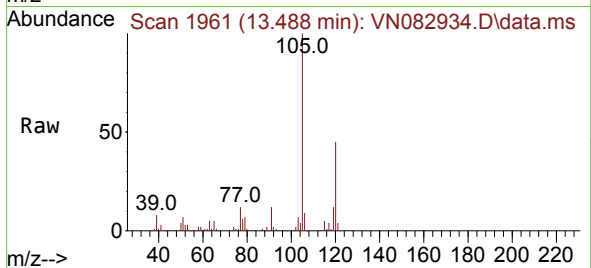
ClientSampleId :

Tgt Ion:105 Resp: 126738

Ion Ratio Lower Upper

105 100

120 44.8 21.9 65.8



#85

sec-Butylbenzene

Concen: 1.504 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.001 min

Lab File: VN082934.D

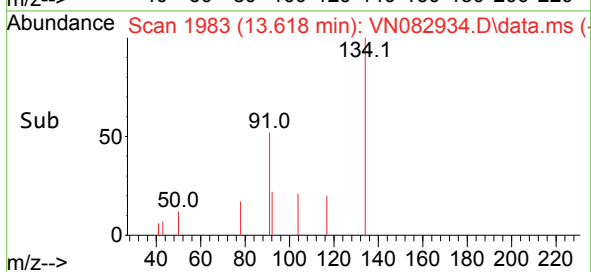
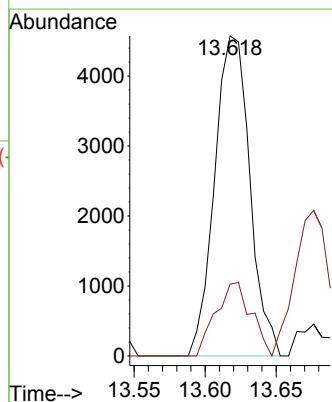
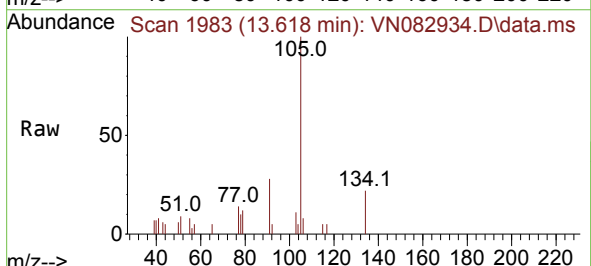
Acq: 16 Jul 2024 14:26

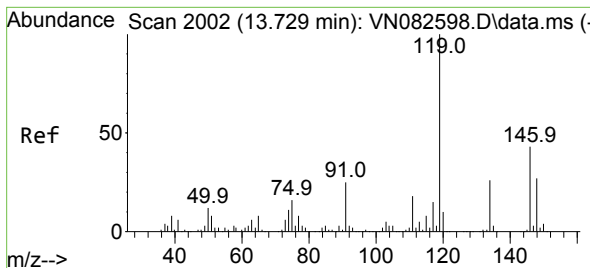
Tgt Ion:105 Resp: 7890

Ion Ratio Lower Upper

105 100

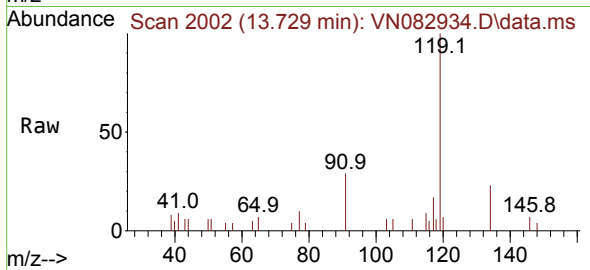
134 23.0 9.8 29.3



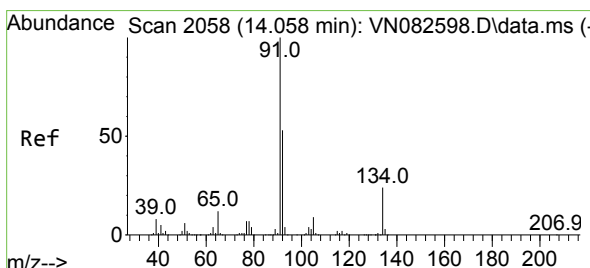
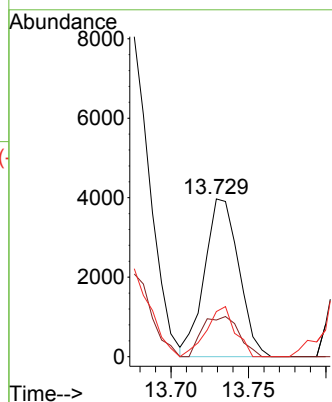
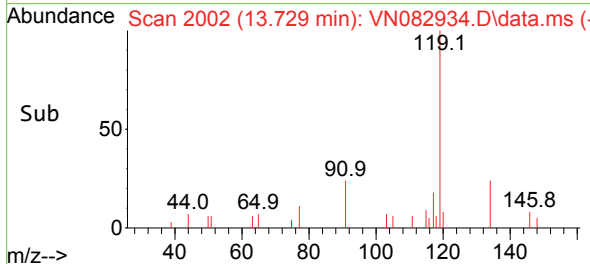


#86
p-Isopropyltoluene
Concen: 1.393 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

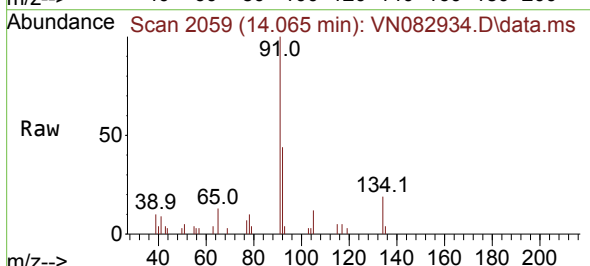
Instrument :
MSVOA_N
ClientSampleId :



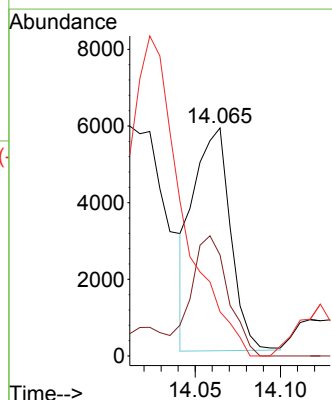
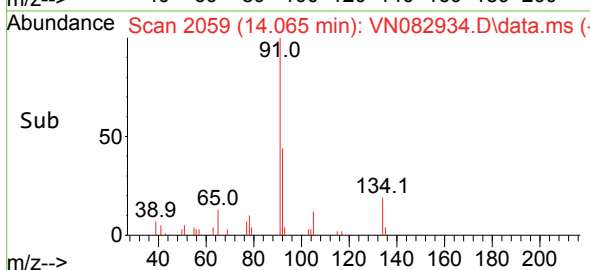
Tgt Ion:119 Resp: 6097
Ion Ratio Lower Upper
119 100
134 27.5 13.0 39.0
91 26.6 12.3 36.9

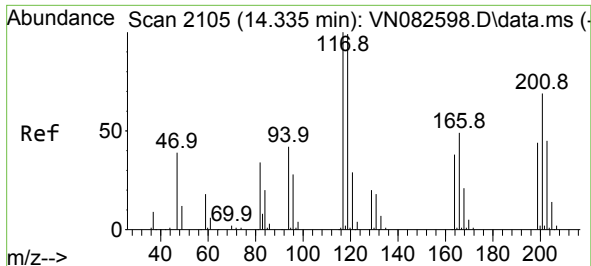


#89
n-Butylbenzene
Concen: 2.345 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.007 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26



Tgt Ion: 91 Resp: 8793
Ion Ratio Lower Upper
91 100
92 53.8 26.1 78.3
134 0.0 12.1 36.3#

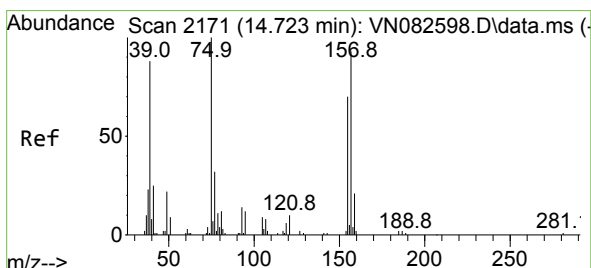
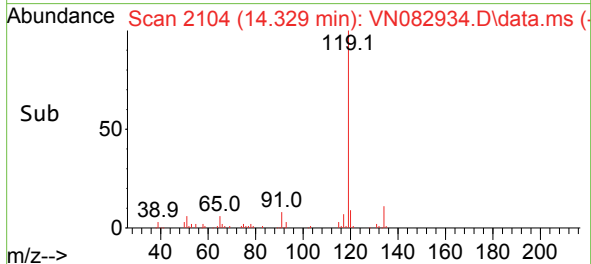
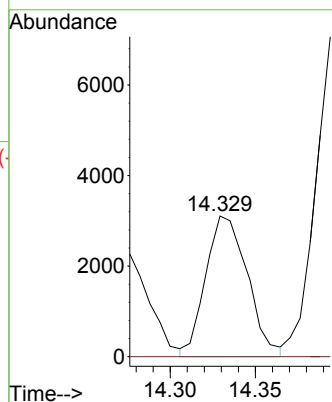
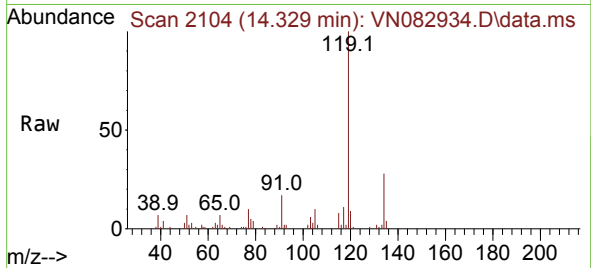




#90
Hexachloroethane
Concen: 5.709 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

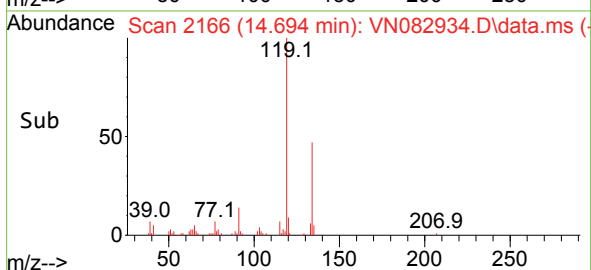
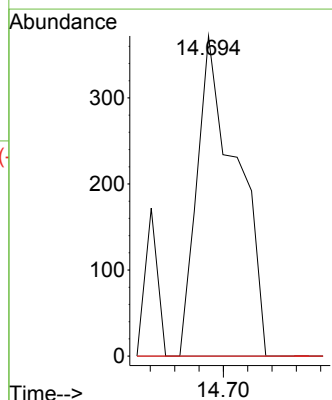
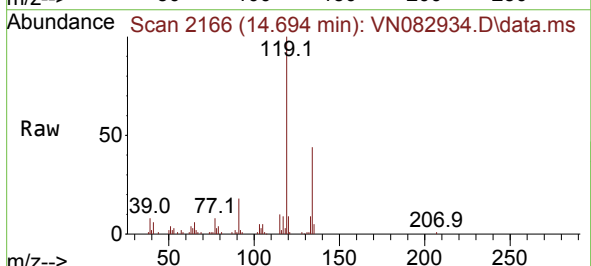
Instrument :
MSVOA_N
ClientSampleId :

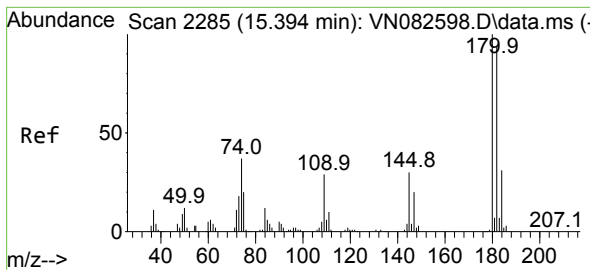
Tgt Ion:117 Resp: 5287
Ion Ratio Lower Upper
117 100
201 0.0 35.8 107.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.127 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.029 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion: 75 Resp: 423
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.8#
157 0.0 46.9 140.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.455 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

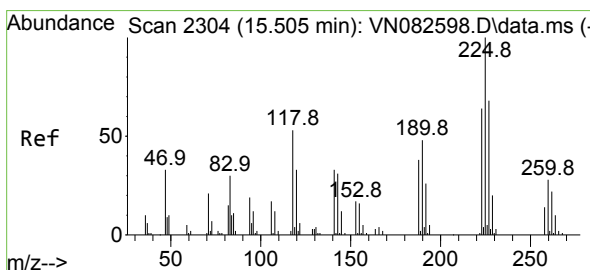
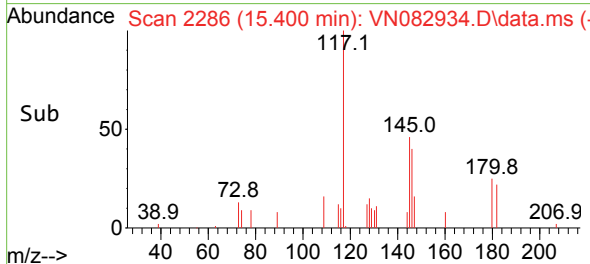
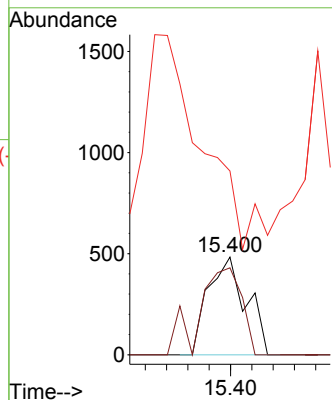
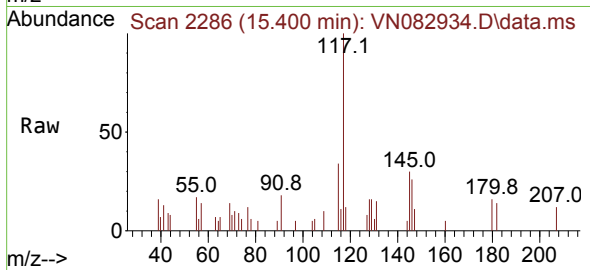
Tgt Ion:180 Resp: 601

Ion Ratio Lower Upper

180 100

182 99.0 47.3 141.8

145 0.0 15.7 47.1#



#94

Hexachlorobutadiene

Concen: 0.637 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082934.D

Acq: 16 Jul 2024 14:26

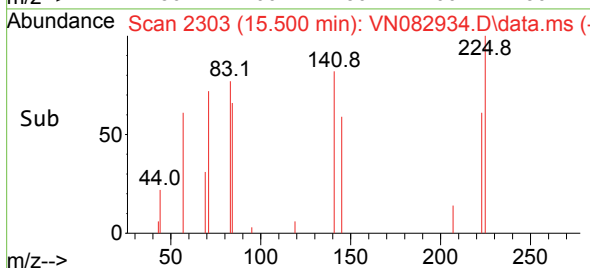
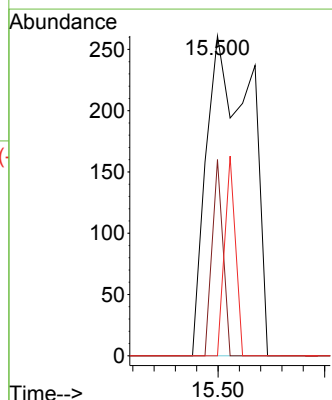
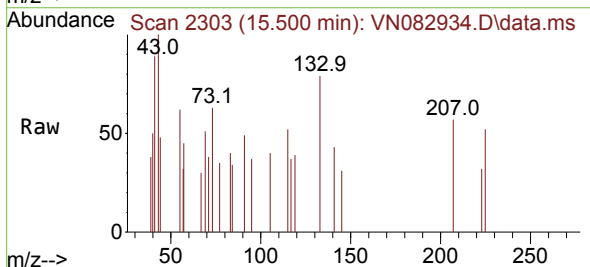
Tgt Ion:225 Resp: 373

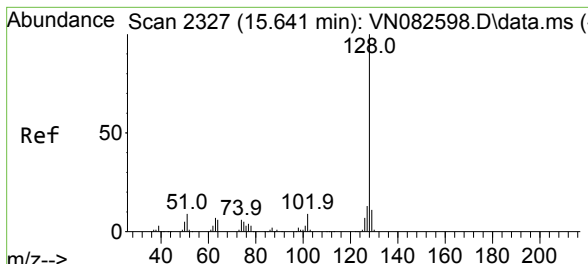
Ion Ratio Lower Upper

225 100

223 15.0 31.9 95.7#

227 15.5 32.5 97.5#

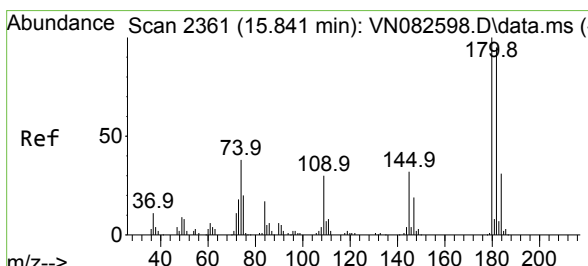
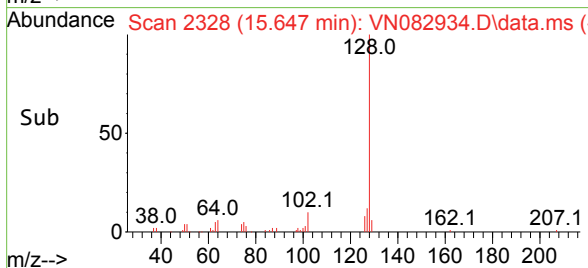
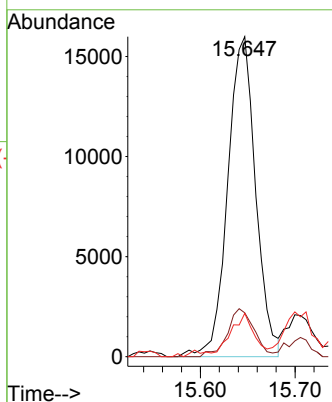
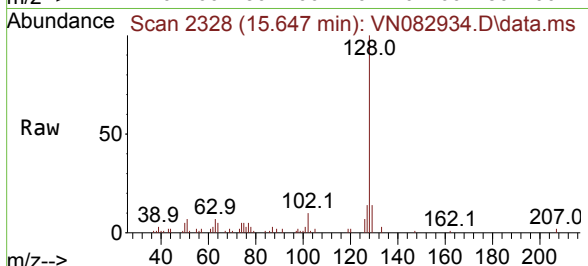




#95
Naphthalene
Concen: 7.243 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	32758
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.6	16.0
129	11.4	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.466 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082934.D
Acq: 16 Jul 2024 14:26

Tgt Ion:	180	Resp:	633
Ion Ratio	Lower	Upper	
180	100		
182	88.8	48.9	146.8
145	828.8	16.8	50.4#

