

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081702.D
 Acq On : 11 Apr 2024 17:26
 Operator : JC\MD
 Sample : P2075-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410102-02-VOA

Quant Time: Apr 12 06:03:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	13696	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.100	114	181447	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	230350	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	97634	58.027	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	193.433%#
60) 4-Bromofluorobenzene	12.853	95	124722	27.540	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.800%
63) Toluene-d8	10.565	98	262771	28.439	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	417	0.251	ug/l #	43
4) Vinyl Chloride	2.506	62	1430	0.838	ug/l	90
6) Chloroethane	2.906	64	505	0.378	ug/l	93
8) Diethyl Ether	3.959	74	5385	5.151	ug/l	83
12) Methyl Acetate	5.018	43	806	0.498	ug/l #	40
13) Acrolein	4.394	56	167	0.783	ug/l #	34
14) Acrylonitrile	5.677	53	245	0.304	ug/l #	23
15) Acetone	4.418	58	432693	2440.458	ug/l	91
16) Carbon Disulfide	4.712	76	38575	7.692	ug/l	96
22) cis-1,2-Dichloroethene	7.482	96	3194	1.368	ug/l #	9
23) tert-Butyl Alcohol	5.518	59	4970834	17370.306	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	21618	3.919	ug/l #	65
30) 2-Butanone	7.482	43	2292031	1258.111	ug/l	99
31) 2,2-Dichloropropane	7.518	77	1505	0.253	ug/l #	53
34) Benzene	8.606	78	62534	4.069	ug/l #	86
35) Methacrylonitrile	7.835	41	593039	287.391	ug/l #	45
36) 1,2-Dichloroethane	8.676	62	2595	0.515	ug/l #	72
45) 1,4-Dioxane	9.700	88	6052	81.493	ug/l #	66
46) Methyl methacrylate	9.694	41	735	0.243	ug/l	91
47) n-amyl Acetate	12.553	43	1392	0.231	ug/l	94
56) Bromoform	12.847	173	711	0.243	ug/l #	1
58) 4-Methyl-2-Pentanone	10.447	43	33301	8.406	ug/l #	76
59) 2-Hexanone	11.170	43	176216	59.232	ug/l #	28
62) Toluene	10.629	91	93740	5.594	ug/l	98
64) Chlorobenzene	11.894	112	24555	2.311	ug/l	97
66) Ethyl Benzene	11.964	91	80532	4.520	ug/l	99
67) m/p-Xylenes	12.070	106	55815	7.908	ug/l	99
68) o-Xylene	12.400	106	31585	4.714	ug/l	100
69) Styrene	12.406	104	4505	0.395	ug/l #	32
70) Isopropylbenzene	12.700	105	15443	0.893	ug/l	94
71) 1,1,2,2-Tetrachloroethane	12.788	83	1992	0.441	ug/l	67
74) n-propylbenzene	13.041	91	5068	0.245	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	8785	0.599	ug/l	90
79) tert-butylbenzene	13.676	119	2653	0.213	ug/l	67
80) 1,2,4-Trimethylbenzene	13.488	105	41097	2.809	ug/l	99
82) p-Isopropyltoluene	13.729	119	67968	4.502	ug/l	95
83) 1,3-Dichlorobenzene	13.811	146	24407	3.049	ug/l	93
84) 1,4-Dichlorobenzene	13.811	146	24407	3.150	ug/l	95
85) n-Butylbenzene	13.988	91	3121	0.245	ug/l	69

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration

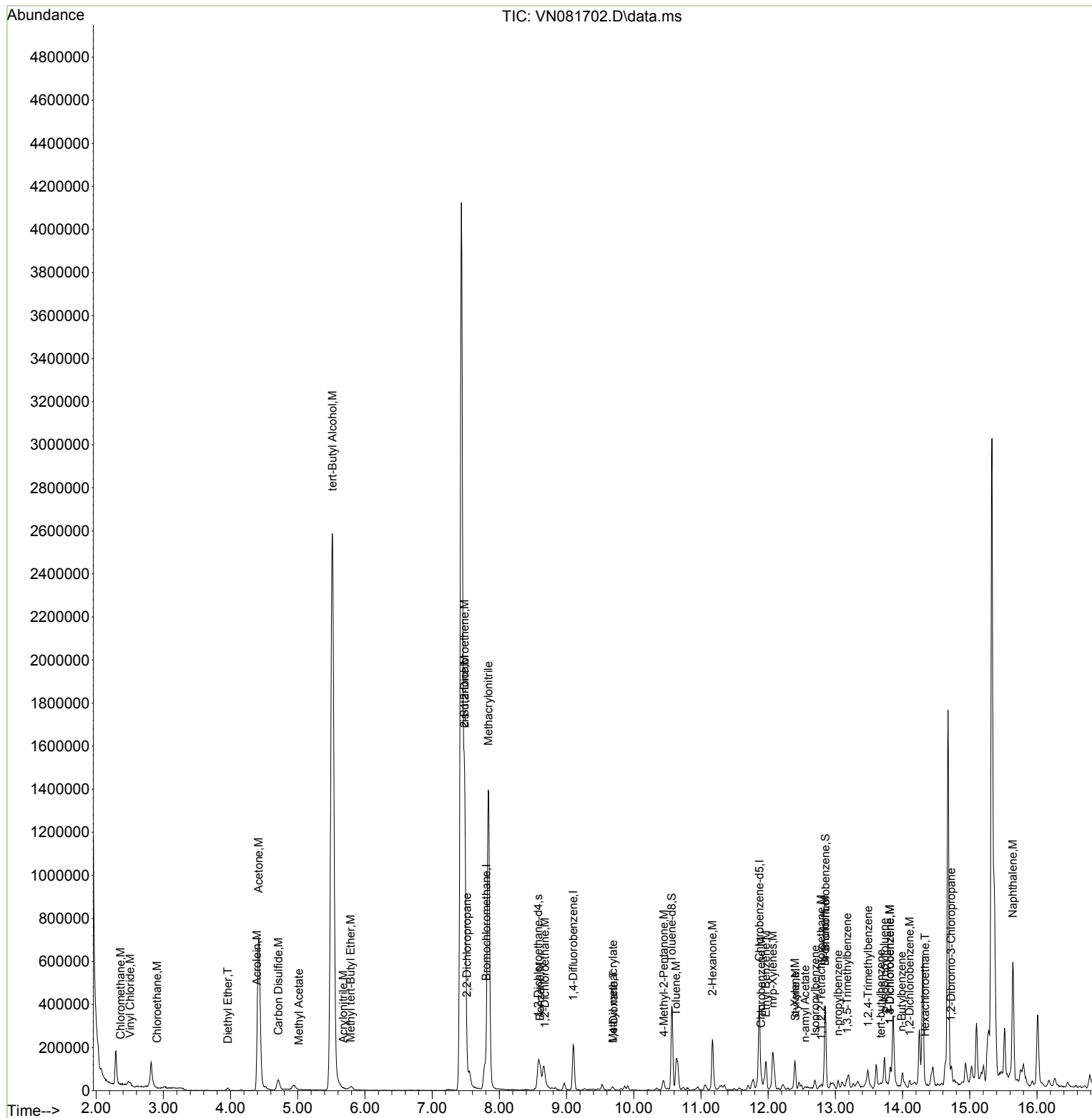
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Hexachloroethane	14.335	117	648	0.225	ug/l #	11
87) 1,2-Dichlorobenzene	14.106	146	2172	0.285	ug/l	81
88) 1,2-Dibromo-3-Chloropr...	14.723	75	427	0.434	ug/l #	4
91) Naphthalene	15.641	128	525653	39.150	ug/l	100

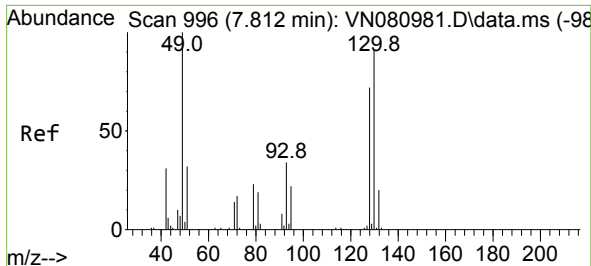
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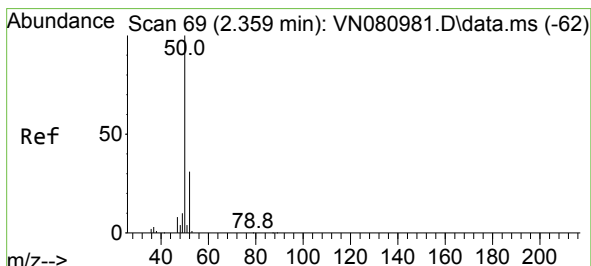
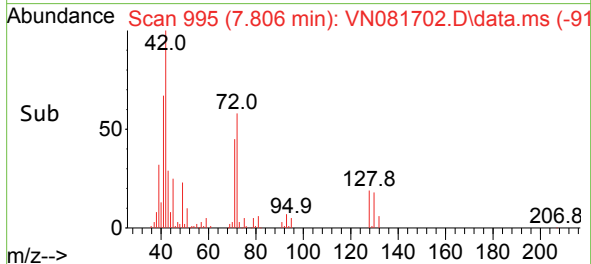
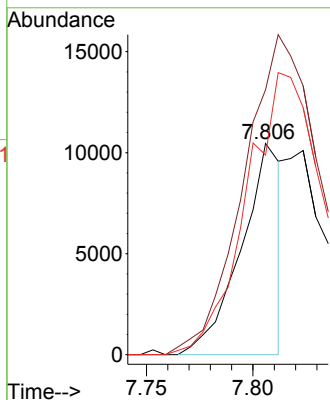
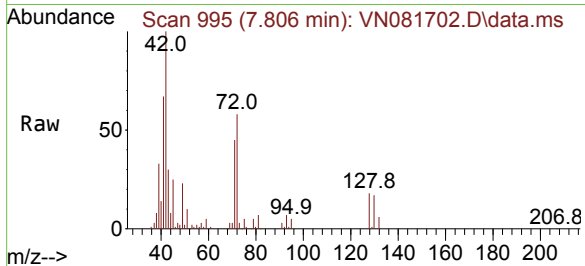




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.018 min
Lab File: VN081702.D
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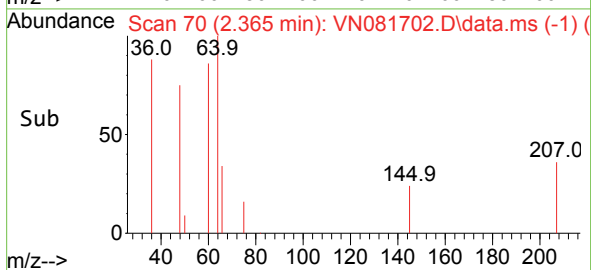
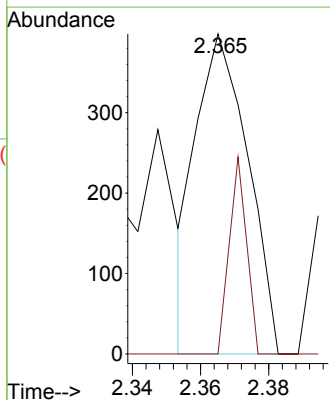
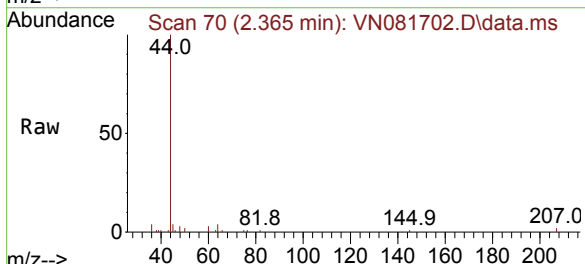
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

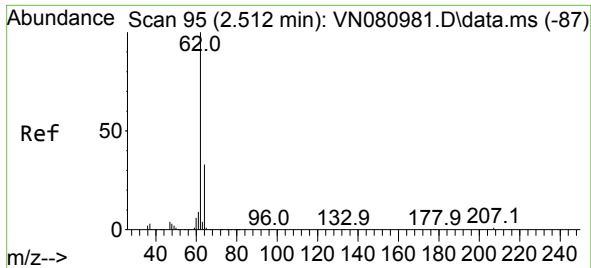
Tgt Ion:128 Resp: 13696
Ion Ratio Lower Upper
128 100
49 296.1 0.0 403.7
130 258.4 0.0 323.3



#3
Chloromethane
Concen: 0.251 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

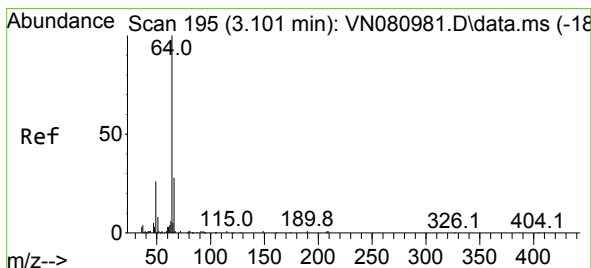
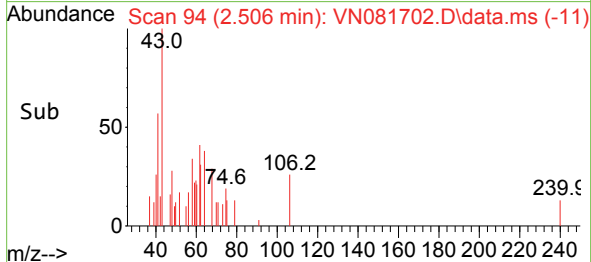
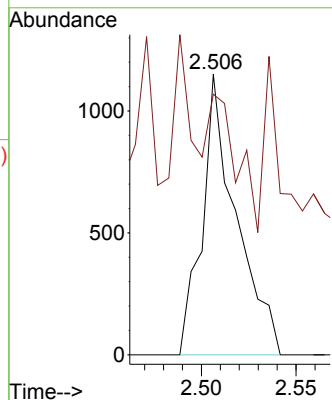
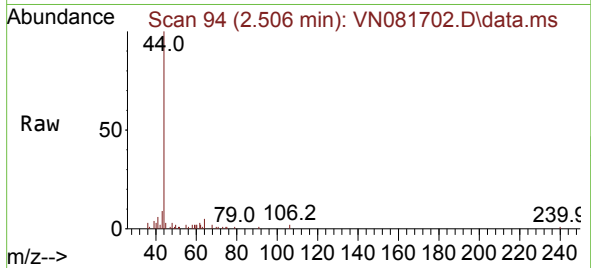




#4
 Vinyl Chloride
 Concen: 0.838 ug/l
 RT: 2.506 min Scan# 94
 Delta R.T. -0.012 min
 Lab File: VN081702.D
 Acq: 11 Apr 2024 17:26

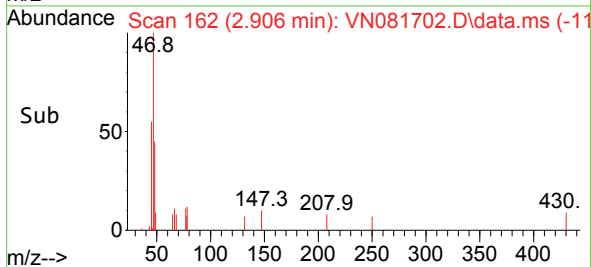
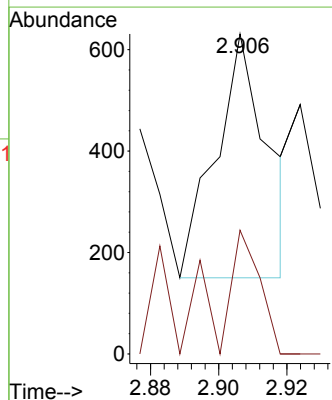
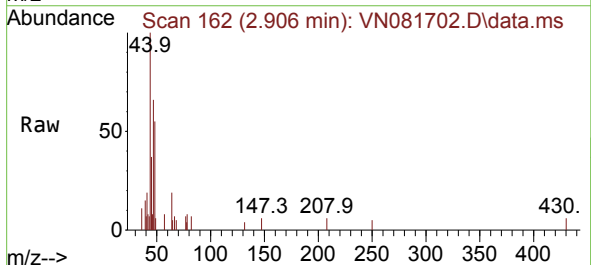
Instrument :
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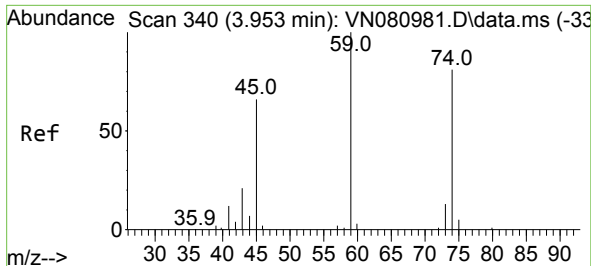
Tgt Ion: 62 Resp: 1430
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.1 36.1



#6
 Chloroethane
 Concen: 0.378 ug/l
 RT: 2.906 min Scan# 162
 Delta R.T. -0.218 min
 Lab File: VN081702.D
 Acq: 11 Apr 2024 17:26

Tgt Ion: 64 Resp: 505
 Ion Ratio Lower Upper
 64 100
 66 37.6 26.7 40.1

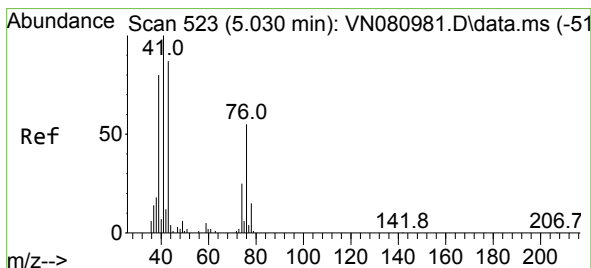
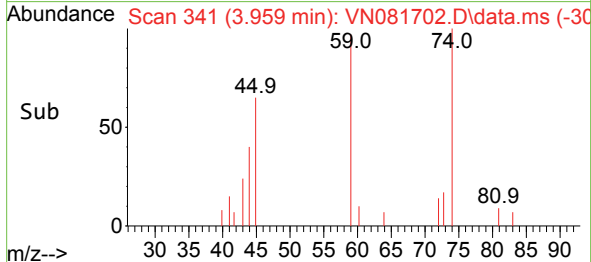
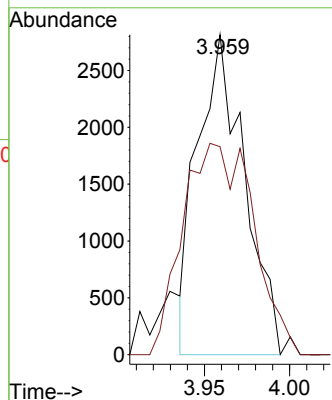
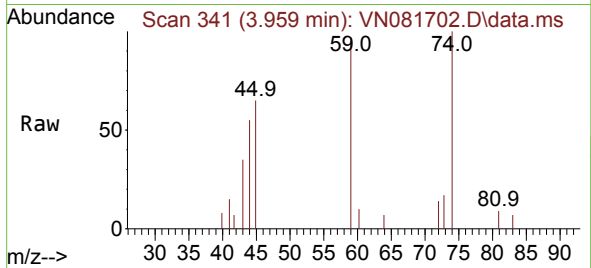




#8
Diethyl Ether
Concen: 5.151 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

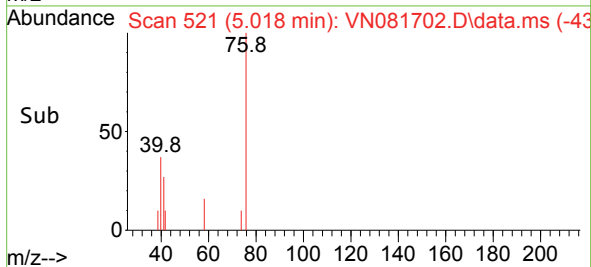
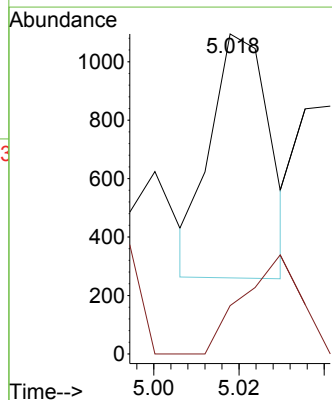
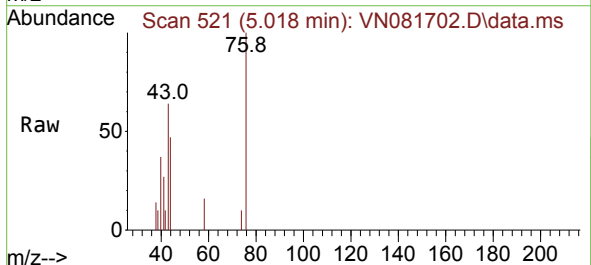
Instrument :
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ClientSampleId :
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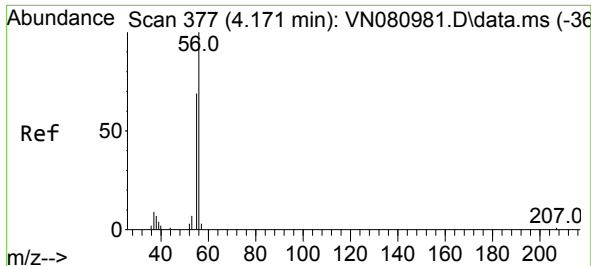
Tgt Ion: 74 Resp: 5385
Ion Ratio Lower Upper
74 100
45 66.9 16.4 147.4



#12
Methyl Acetate
Concen: 0.498 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

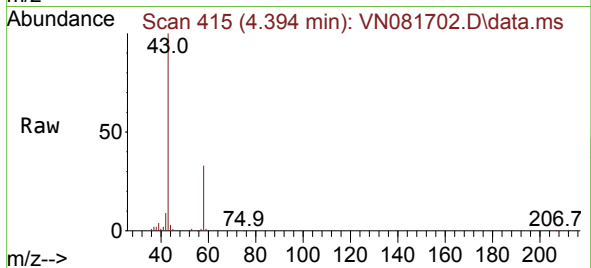
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
74 0.0 27.7 41.5#



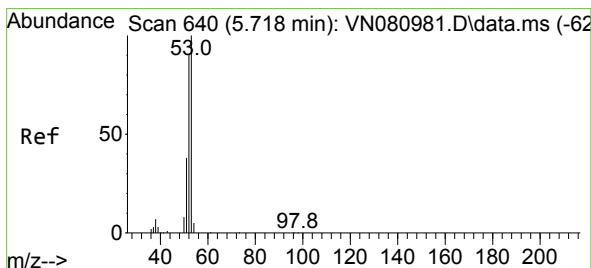
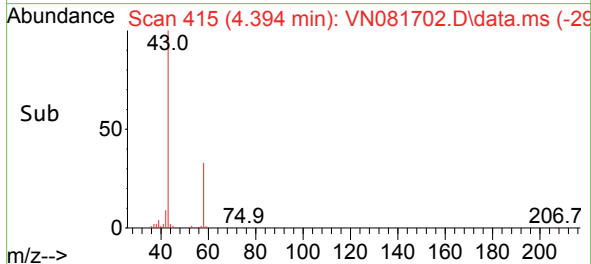
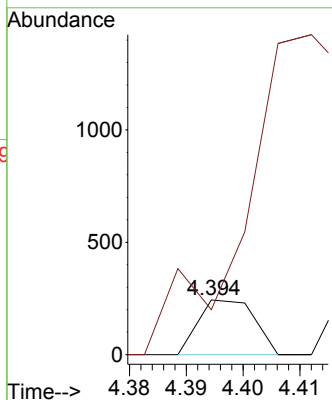


#13
Acrolein
Concen: 0.783 ug/l
RT: 4.394 min Scan# 415
Delta R.T. 0.212 min
Lab File: VN081702.D
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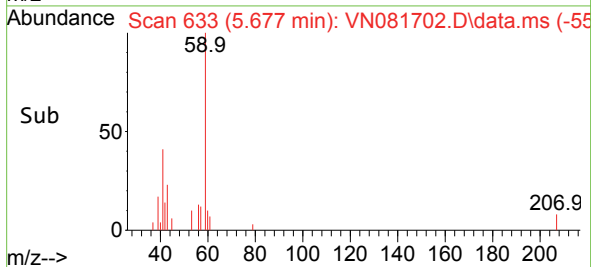
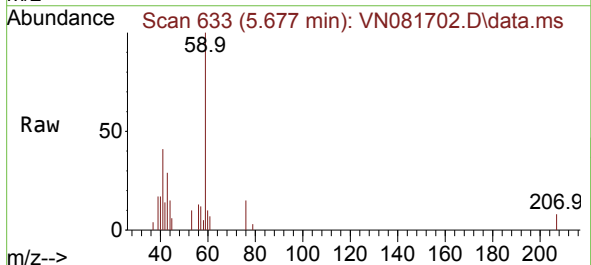
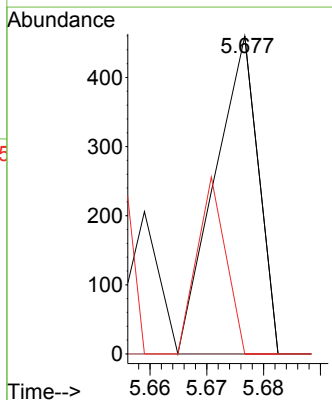


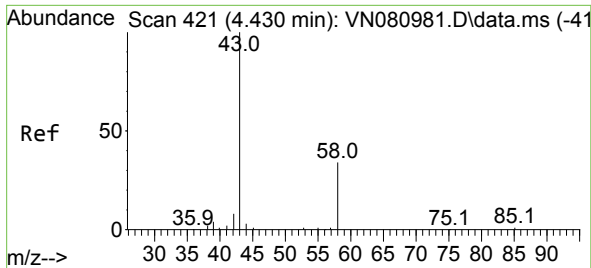
Tgt Ion: 56 Resp: 167
Ion Ratio Lower Upper
56 100
55 123.4 55.5 83.3#



#14
Acrylonitrile
Concen: 0.304 ug/l
RT: 5.677 min Scan# 633
Delta R.T. -0.041 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 53 Resp: 245
Ion Ratio Lower Upper
53 100
52 0.0 41.3 123.9#
51 56.3 16.8 50.3#

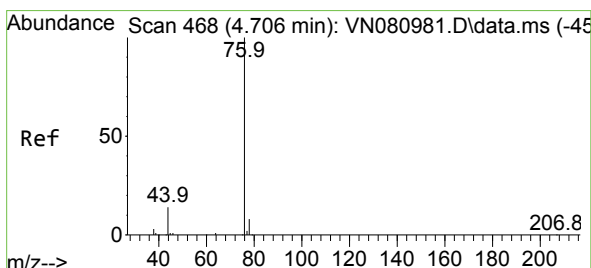
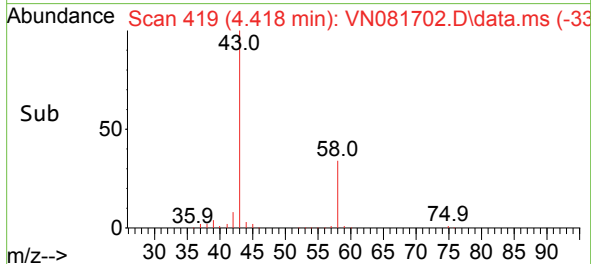
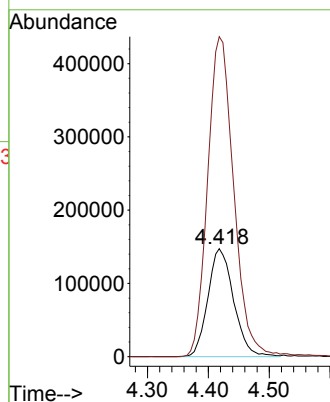
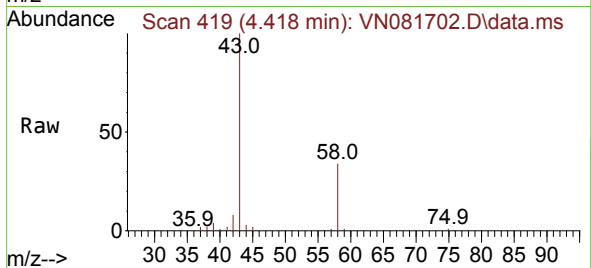




#15
Acetone
Concen: 2440.458 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

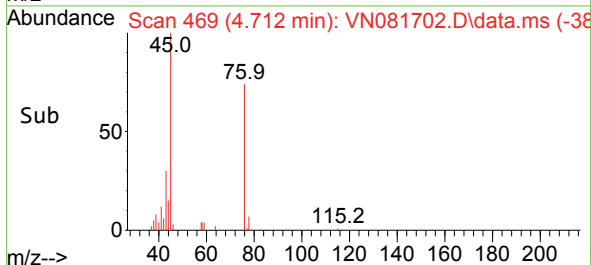
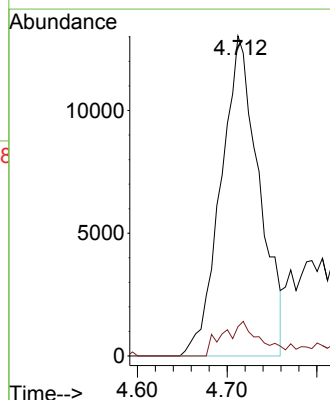
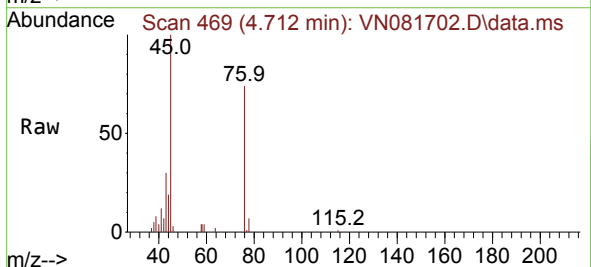
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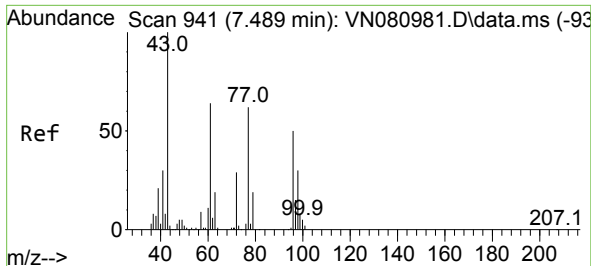
Tgt Ion: 58 Resp: 432693
Ion Ratio Lower Upper
58 100
43 295.8 223.1 334.7



#16
Carbon Disulfide
Concen: 7.692 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

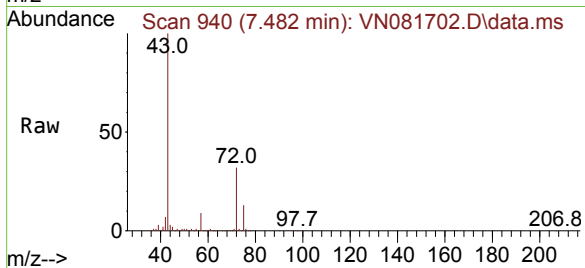
Tgt Ion: 76 Resp: 38575
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5



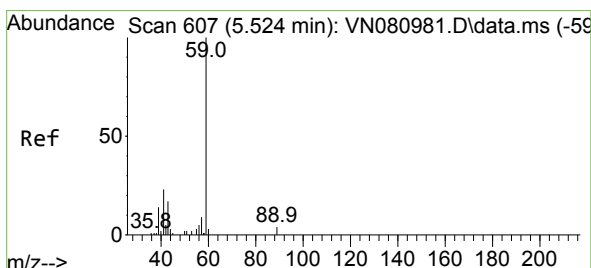
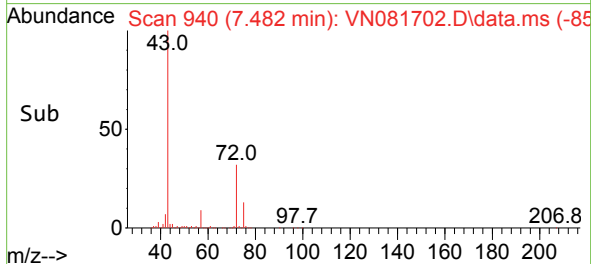
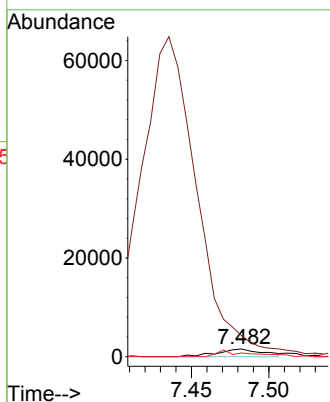


#22
 cis-1,2-Dichloroethene
 Concen: 1.368 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.000 min
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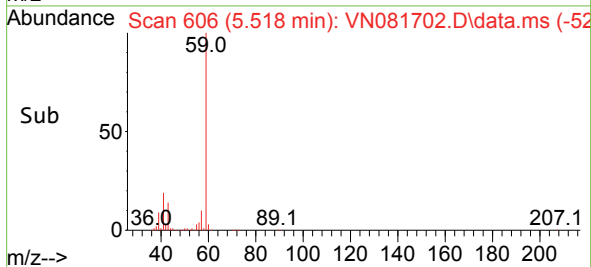
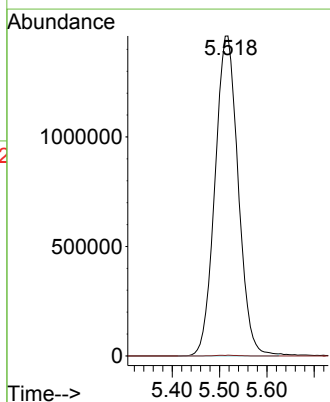
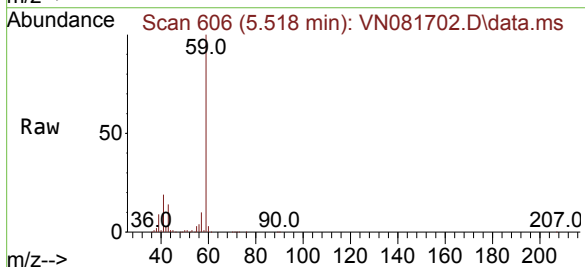


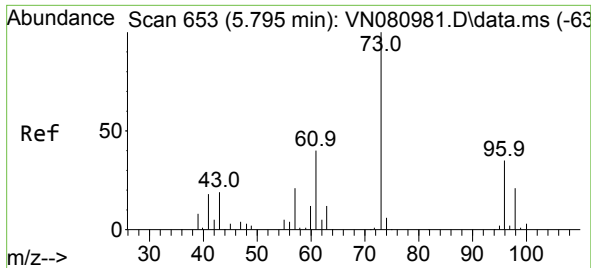
Tgt Ion: 96 Resp: 3194
 Ion Ratio Lower Upper
 96 100
 61 0.0 113.5 170.3#
 98 34.6 52.0 78.0#



#23
 tert-Butyl Alcohol
 Concen: 17370.306 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. 0.006 min
 Lab File: VN081702.D
 Acq: 11 Apr 2024 17:26

Tgt Ion: 59 Resp: 4970834
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

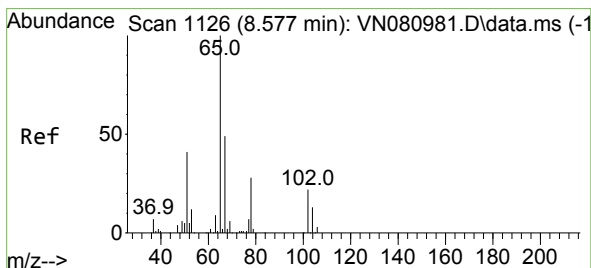
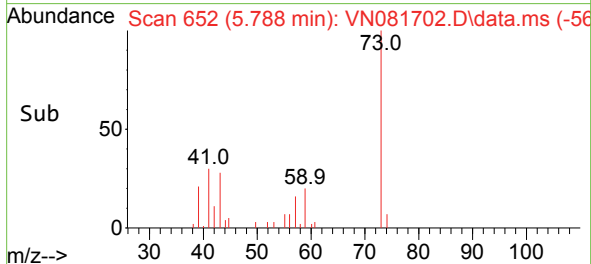
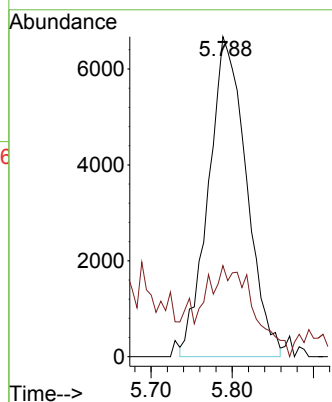
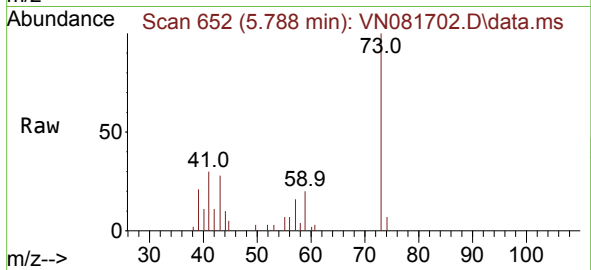




#24
Methyl tert-Butyl Ether
Concen: 3.919 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

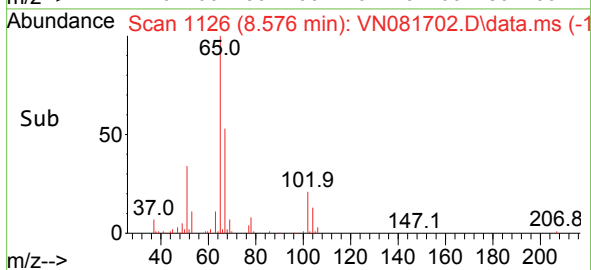
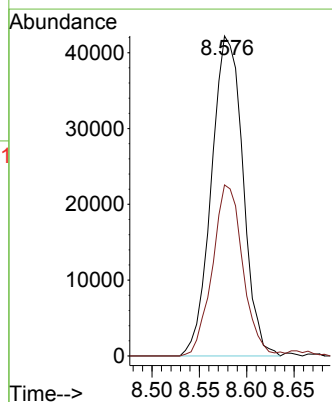
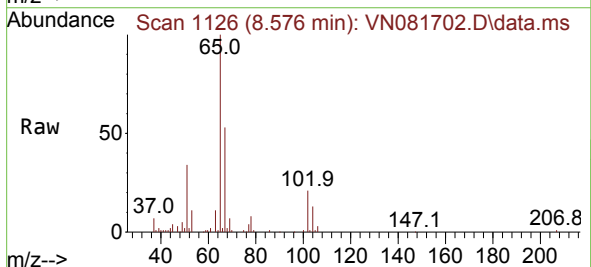
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

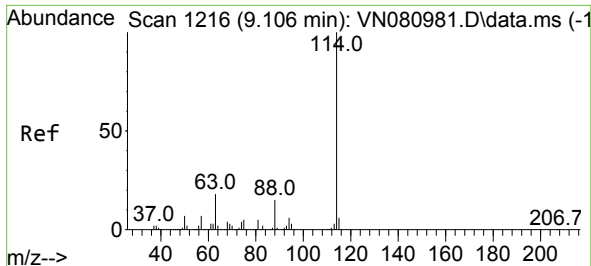
Tgt Ion: 73 Resp: 21618
Ion Ratio Lower Upper
73 100
43 1.8 13.4 20.2#



#27
1,2-Dichloroethane-d4
Concen: 58.027 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 65 Resp: 97634
Ion Ratio Lower Upper
65 100
67 51.5 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081702.D

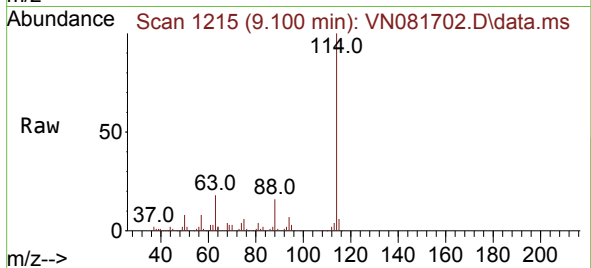
Acq: 11 Apr 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

240410102-02-VOA



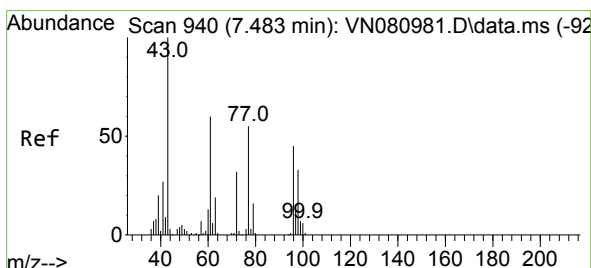
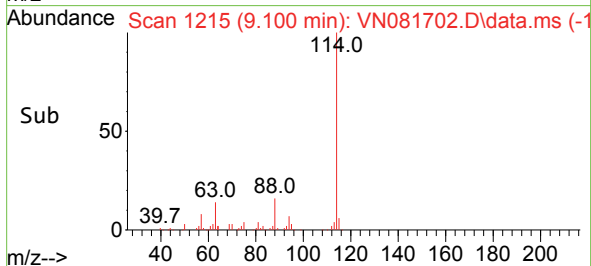
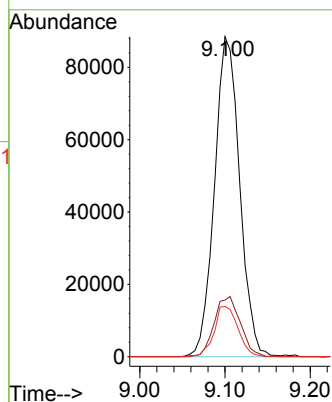
Tgt Ion:114 Resp: 181447

Ion Ratio Lower Upper

114 100

63 19.5 15.9 23.9

88 14.9 12.7 19.1



#30

2-Butanone

Concen: 1258.111 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN081702.D

Acq: 11 Apr 2024 17:26

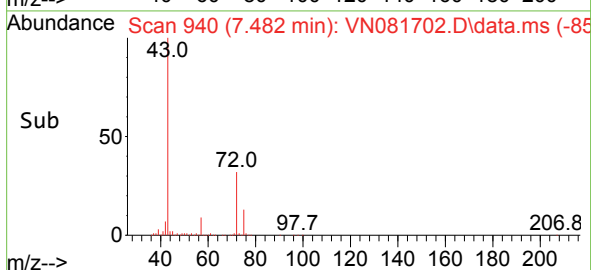
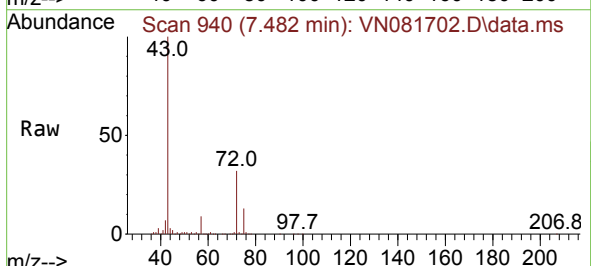
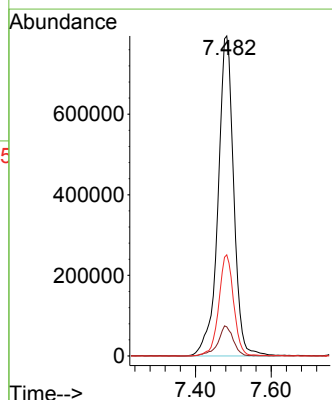
Tgt Ion: 43 Resp: 2292031

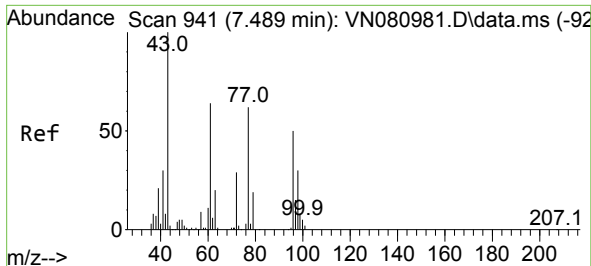
Ion Ratio Lower Upper

43 100

57 9.2 6.7 10.1

72 29.9 24.0 36.0

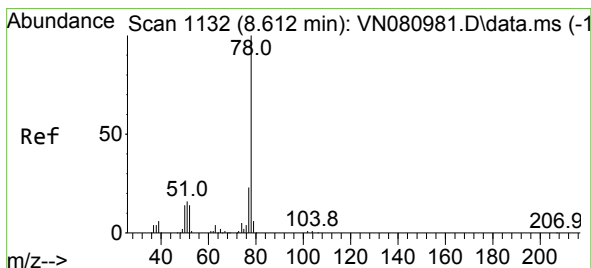
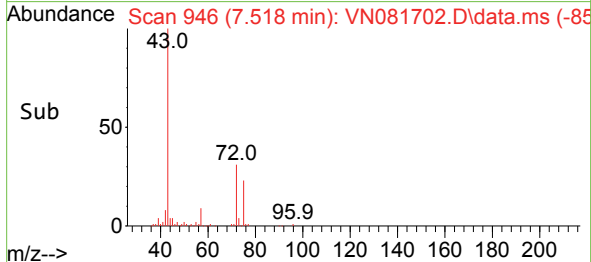
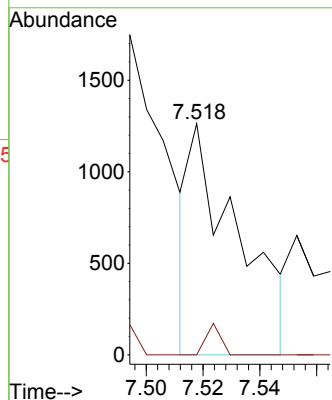
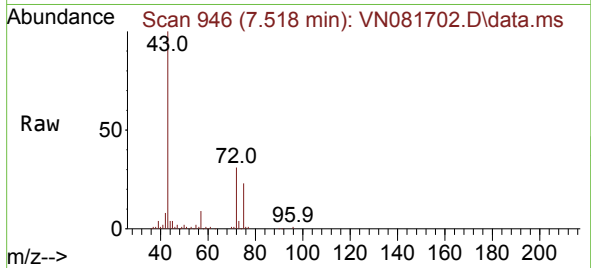




#31
2,2-Dichloropropane
Concen: 0.253 ug/l
RT: 7.518 min Scan# 941
Delta R.T. 0.029 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

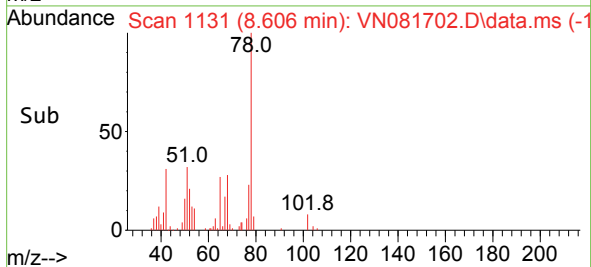
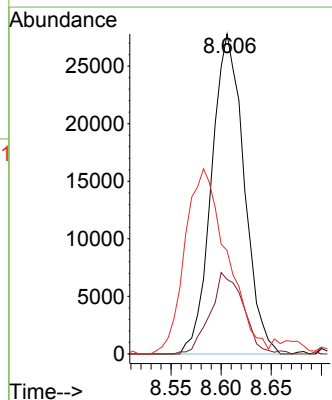
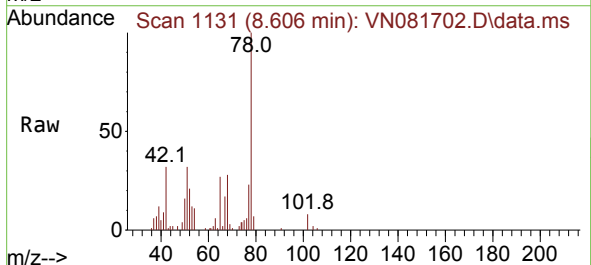
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

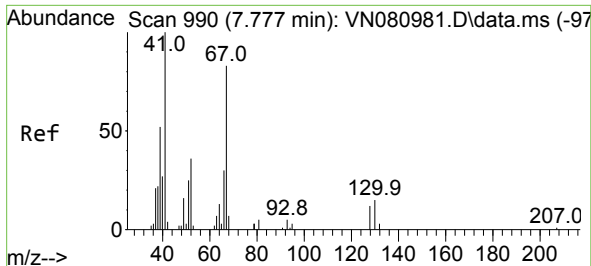
Tgt Ion: 77 Resp: 1505
Ion Ratio Lower Upper
77 100
97 0.0 18.3 27.5#



#34
Benzene
Concen: 4.069 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

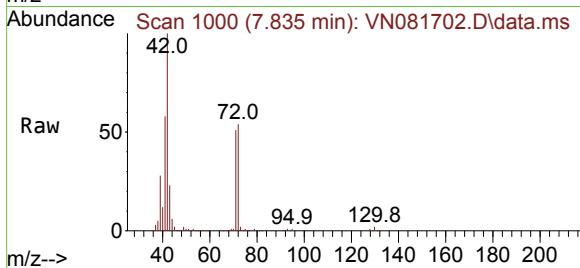
Tgt Ion: 78 Resp: 62534
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8
51 29.1 13.3 19.9#



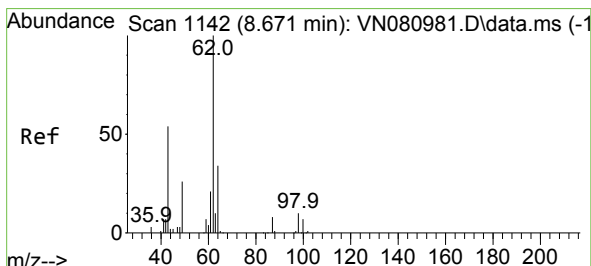
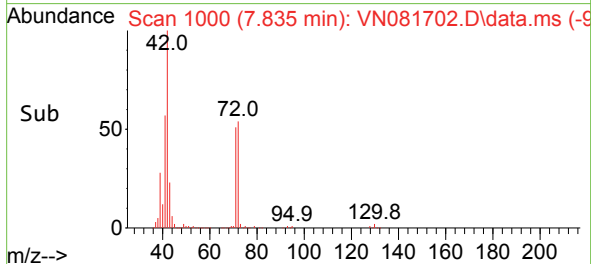
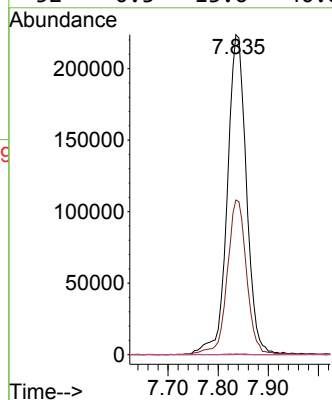


#35
Methacrylonitrile
Concen: 287.391 ug/l
RT: 7.835 min Scan# 1100
Delta R.T. 0.053 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

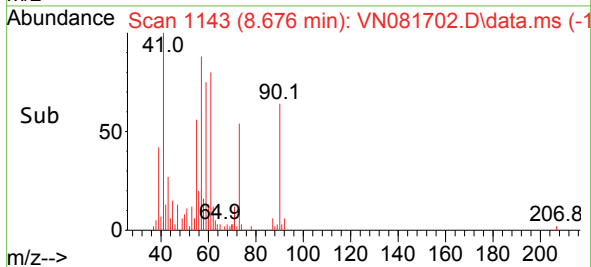
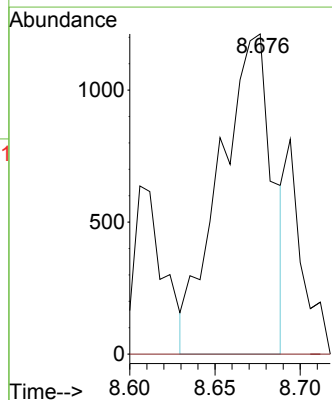
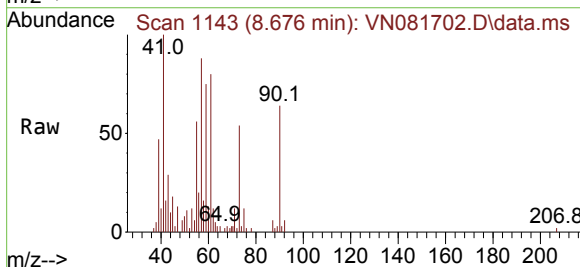


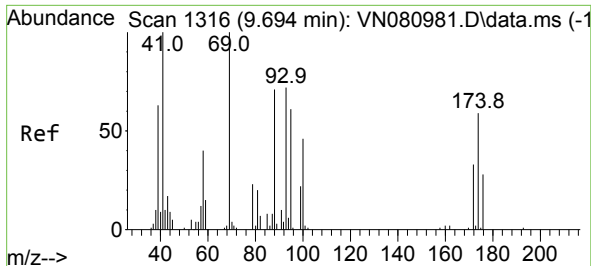
Tgt Ion: 41 Resp: 593039
Ion Ratio Lower Upper
41 100
39 48.2 25.3 75.9
67 0.1 38.7 116.1#
52 0.3 13.6 40.8#



#36
1,2-Dichloroethane
Concen: 0.515 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 62 Resp: 2595
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#

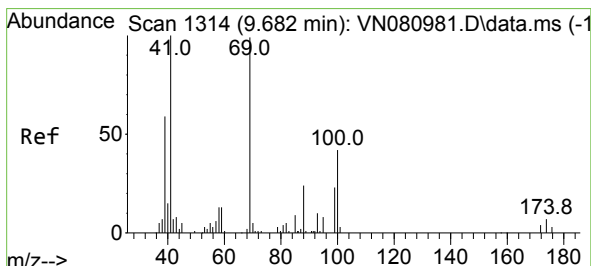
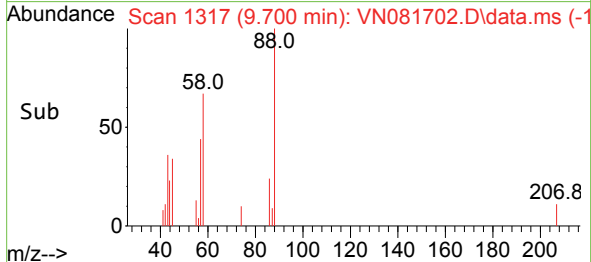
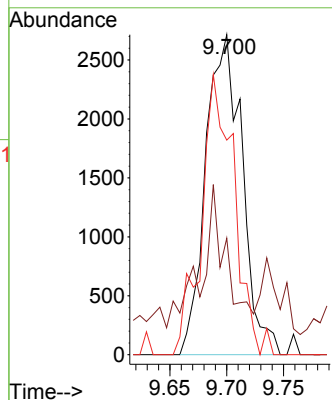
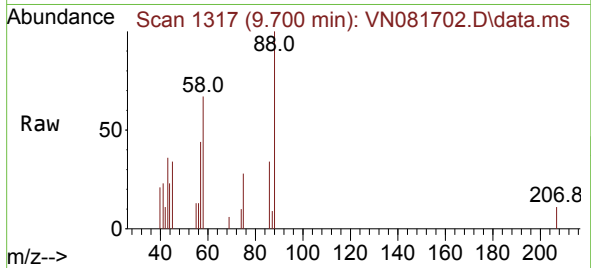




#45
1,4-Dioxane
Concen: 81.493 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

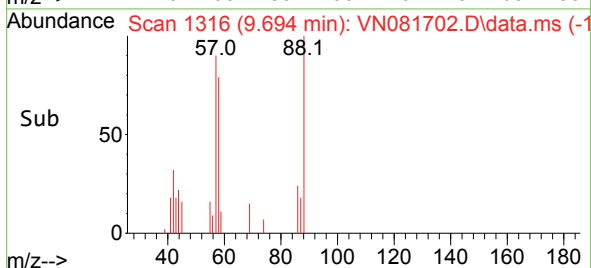
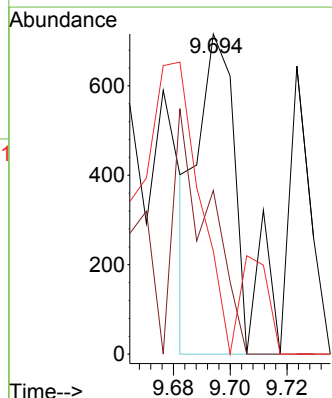
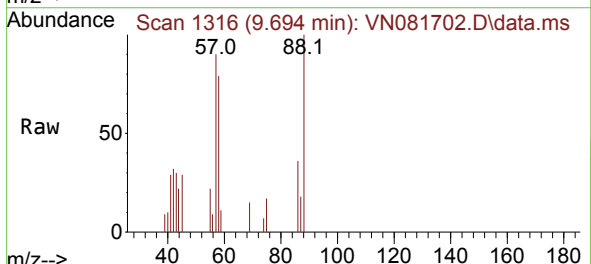
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

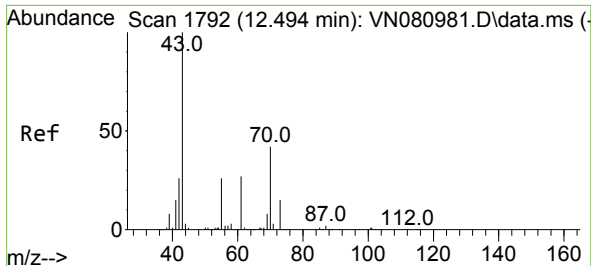
Tgt Ion: 88 Resp: 6052
Ion Ratio Lower Upper
88 100
43 22.4 19.8 29.6
58 33.1 55.4 83.0#



#46
Methyl methacrylate
Concen: 0.243 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 41 Resp: 735
Ion Ratio Lower Upper
41 100
69 94.3 51.1 153.3
39 59.5 25.8 77.3

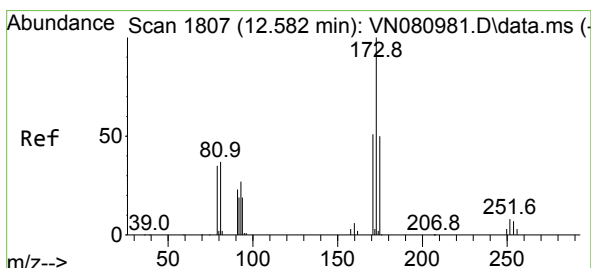
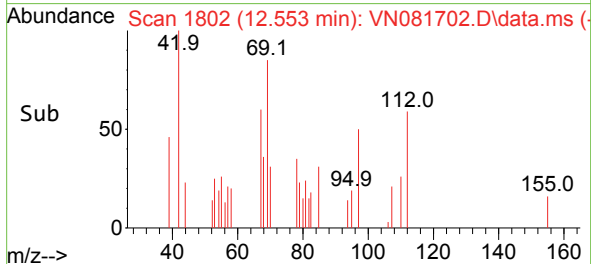
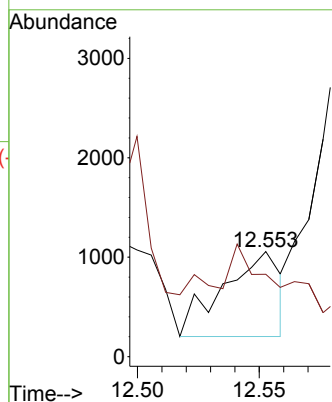
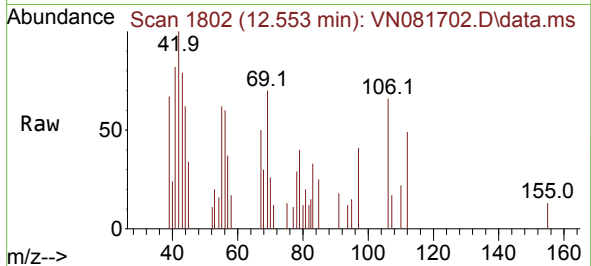




#47
n-amy1 Acetate
Concen: 0.231 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. 0.059 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

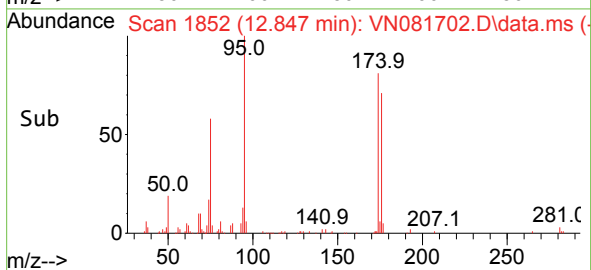
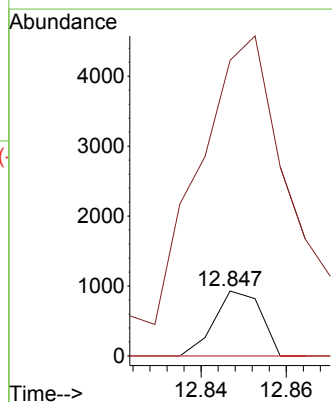
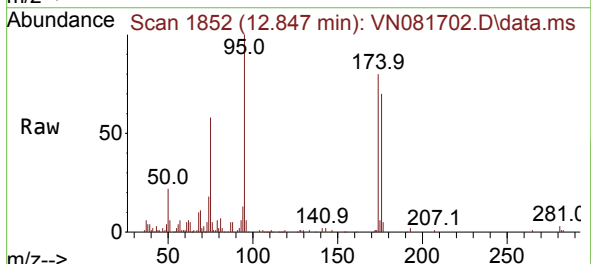
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

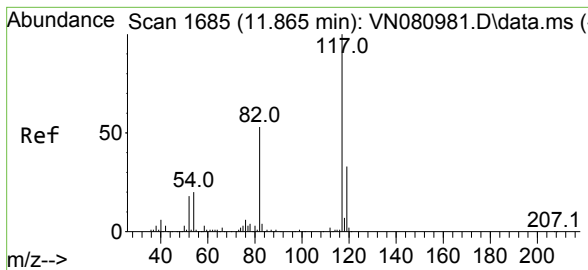
Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
55 32.3 23.4 35.2



#56
Bromoform
Concen: 0.243 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion:173 Resp: 711
Ion Ratio Lower Upper
173 100
175 1061.5 40.0 60.0#
254 0.0 8.3 12.5#

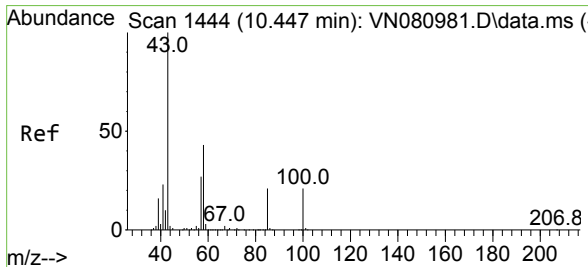
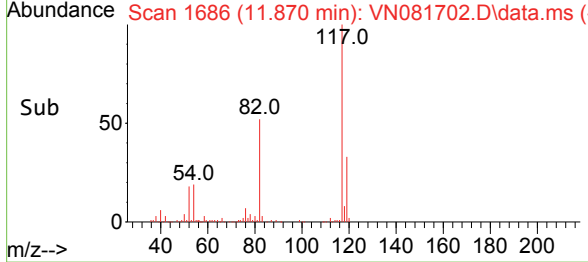
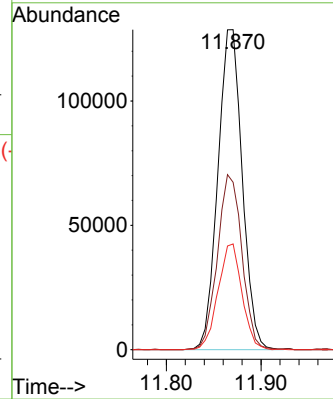
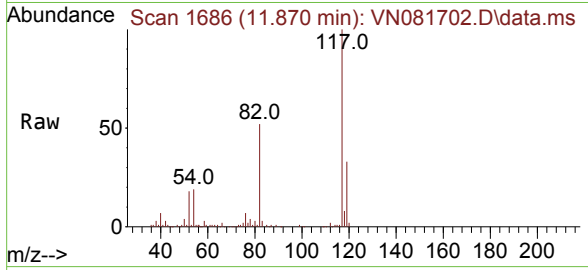




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

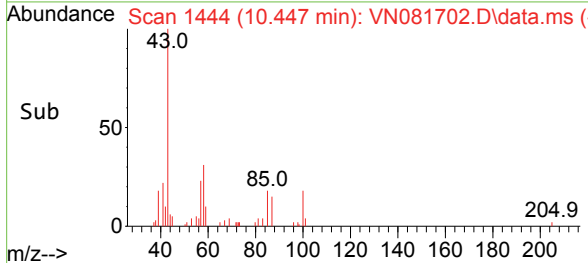
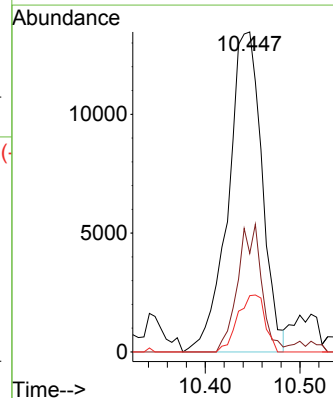
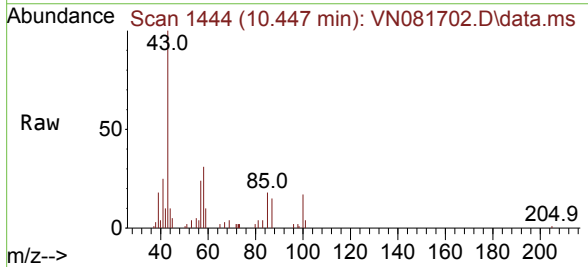
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

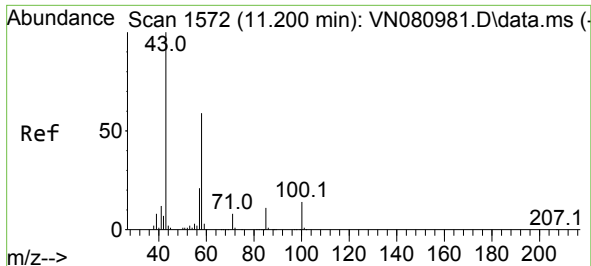
Tgt Ion:	117	Resp:	230350
Ion	Ratio	Lower	Upper
117	100		
82	55.0	46.6	69.8
119	32.4	25.4	38.2



#58
4-Methyl-2-Pentanone
Concen: 8.406 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

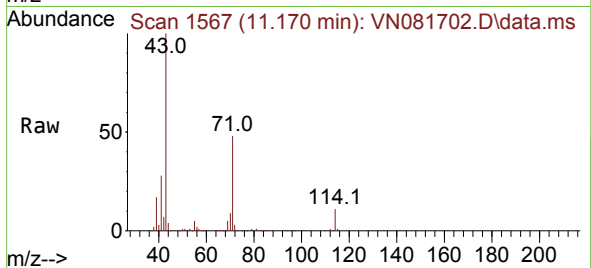
Tgt Ion:	43	Resp:	33301
Ion	Ratio	Lower	Upper
43	100		
58	28.3	36.5	54.7#
85	14.4	19.5	29.3#



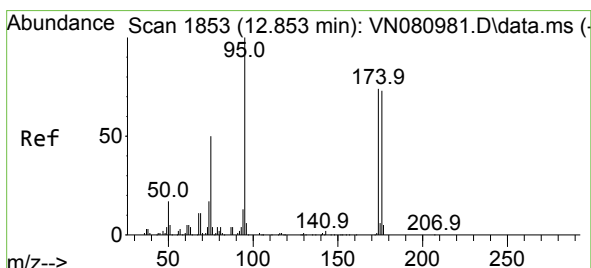
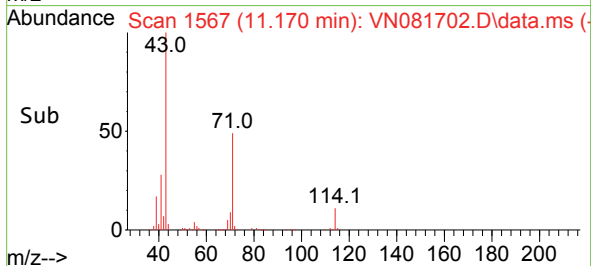
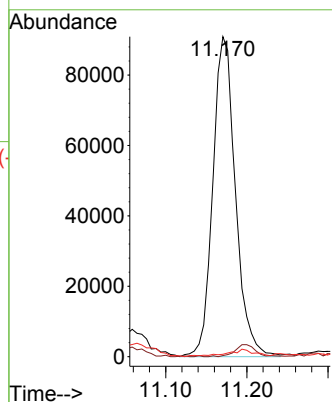


#59
2-Hexanone
Concen: 59.232 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

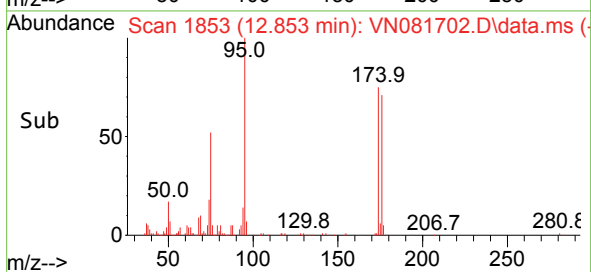
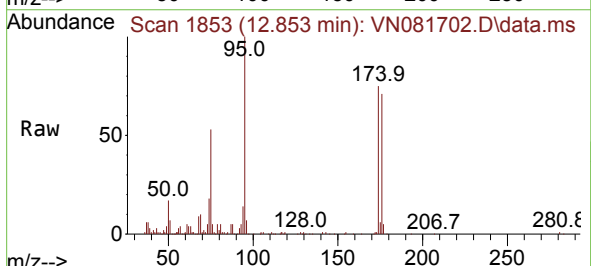
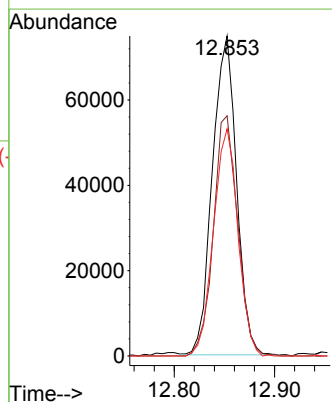


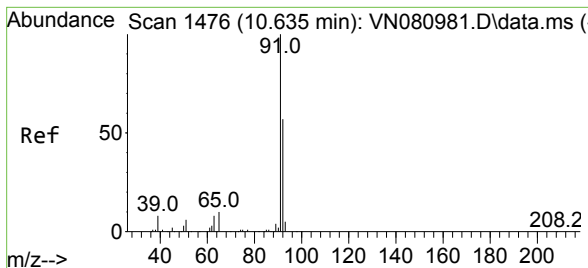
Tgt Ion: 43 Resp: 176216
Ion Ratio Lower Upper
43 100
58 0.0 50.4 75.6#
57 0.8 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 27.540 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 95 Resp: 124722
Ion Ratio Lower Upper
95 100
174 75.6 60.5 90.7
176 72.1 57.8 86.6





#62

Toluene

Concen: 5.594 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081702.D

Acq: 11 Apr 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

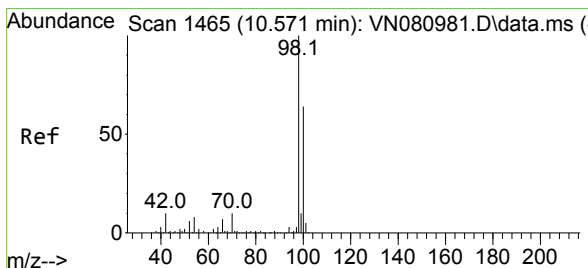
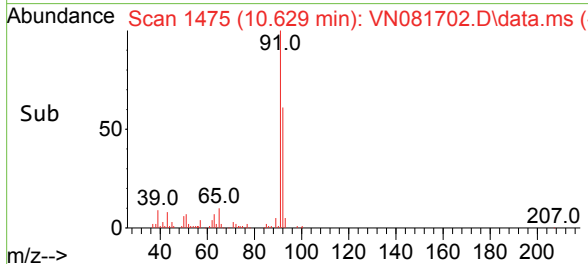
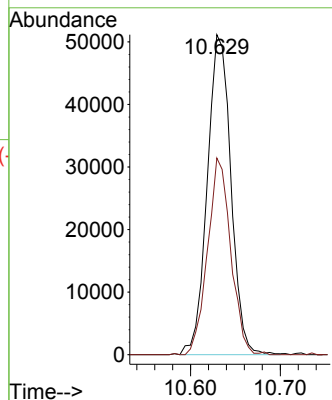
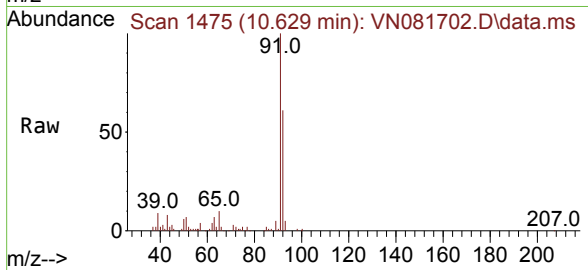
240410102-02-VOA

Tgt Ion: 91 Resp: 93740

Ion Ratio Lower Upper

91 100

92 59.9 46.5 69.7



#63

Toluene-d8

Concen: 28.439 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081702.D

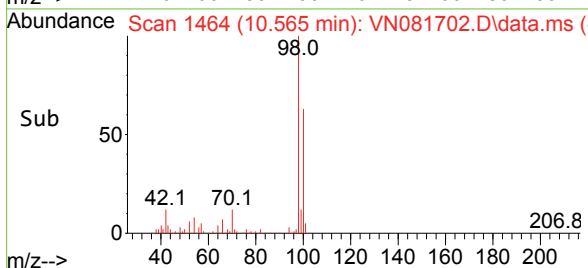
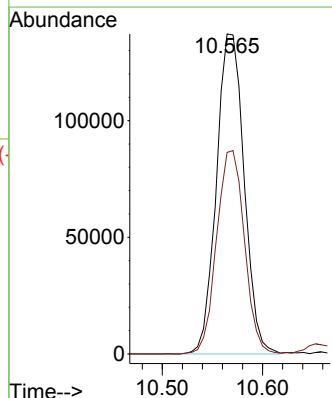
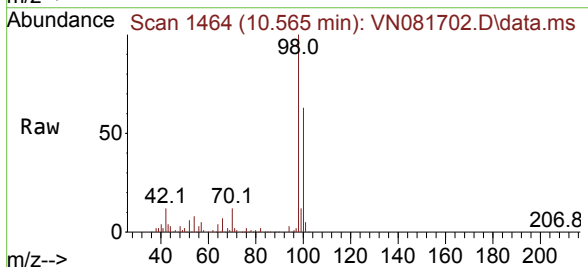
Acq: 11 Apr 2024 17:26

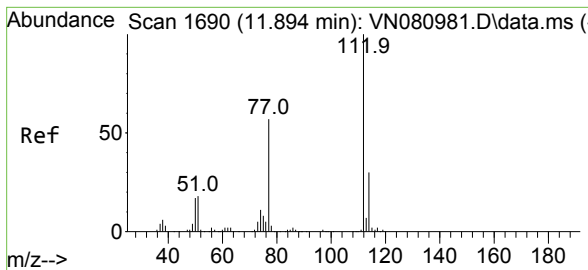
Tgt Ion: 98 Resp: 262771

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1

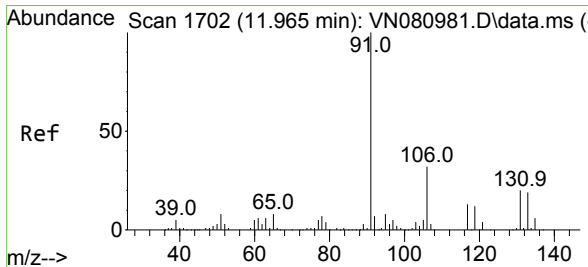
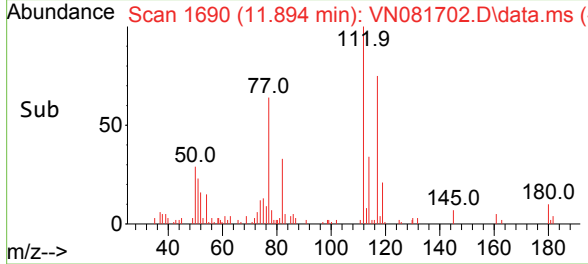
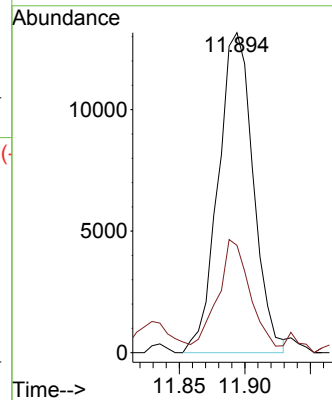
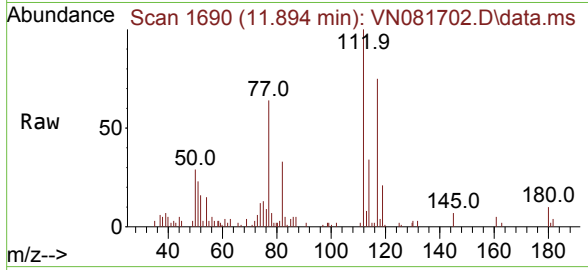




#64
Chlorobenzene
Concen: 2.311 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

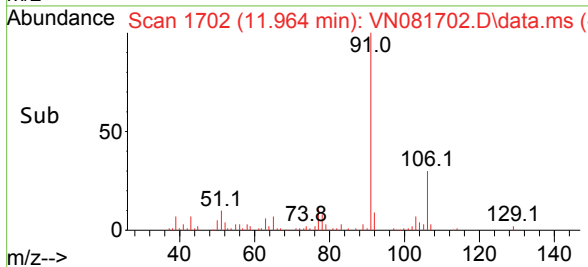
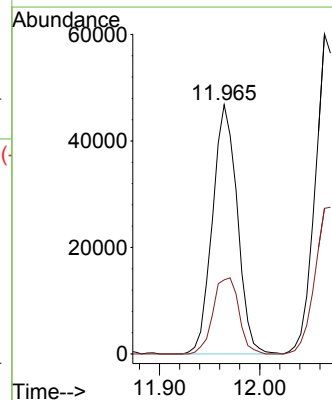
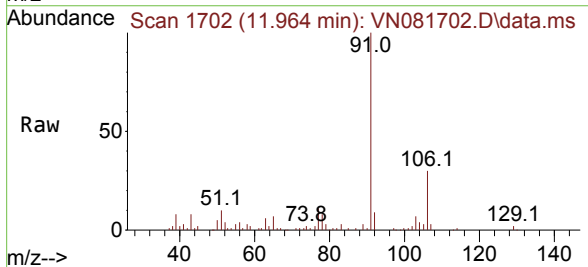
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

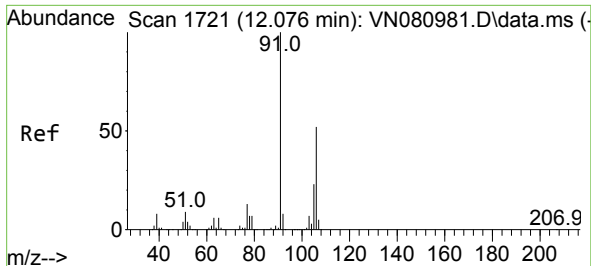
Tgt Ion:112 Resp: 24555
Ion Ratio Lower Upper
112 100
114 31.4 26.6 39.8



#66
Ethyl Benzene
Concen: 4.520 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 91 Resp: 80532
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6

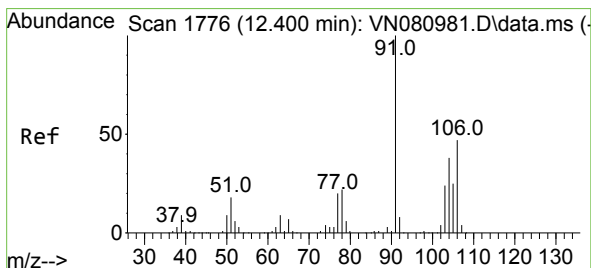
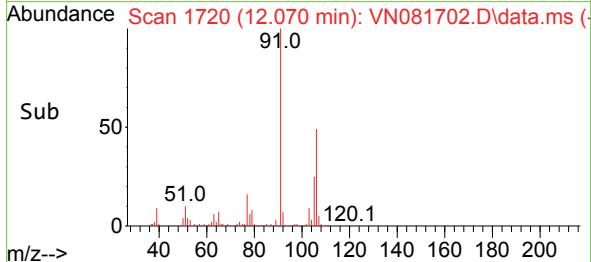
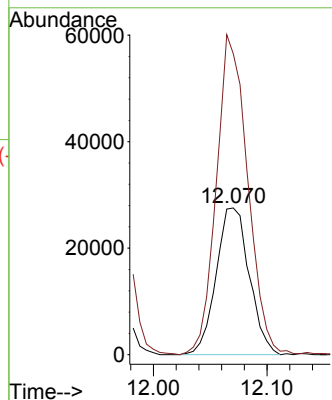
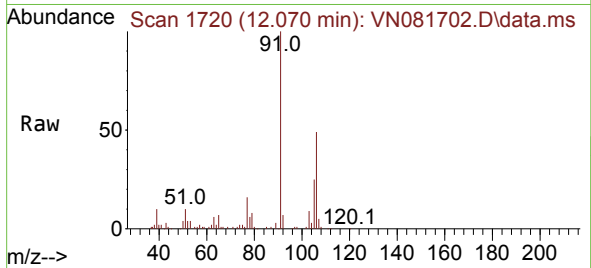




#67
m/p-Xylenes
Concen: 7.908 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

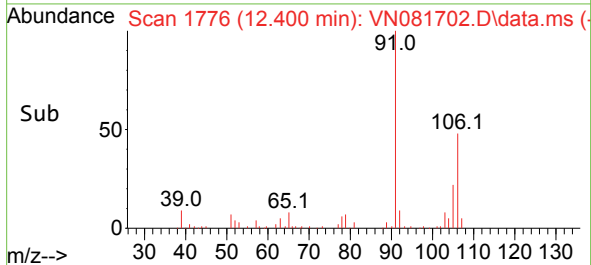
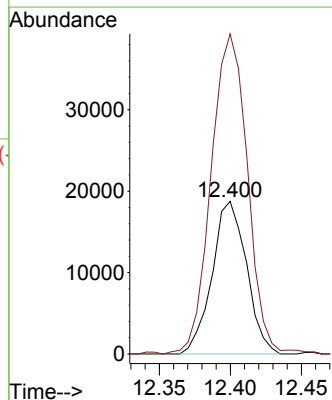
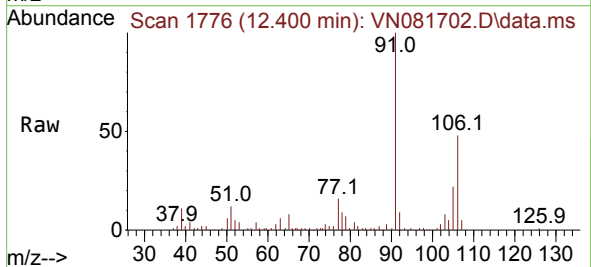
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

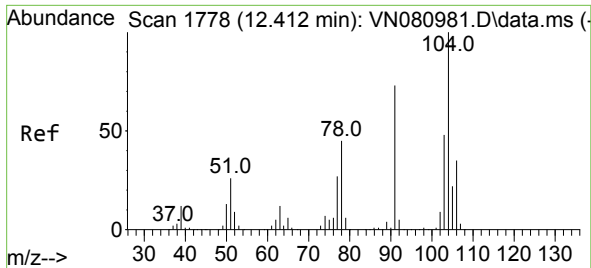
Tgt Ion:106 Resp: 55815
Ion Ratio Lower Upper
106 100
91 206.1 166.6 249.8



#68
o-Xylene
Concen: 4.714 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion:106 Resp: 31585
Ion Ratio Lower Upper
106 100
91 220.3 110.0 330.0

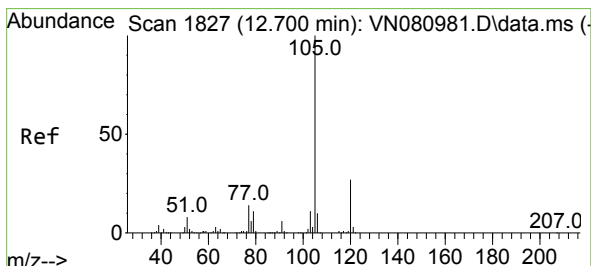
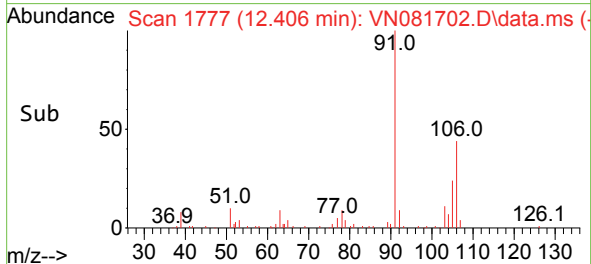
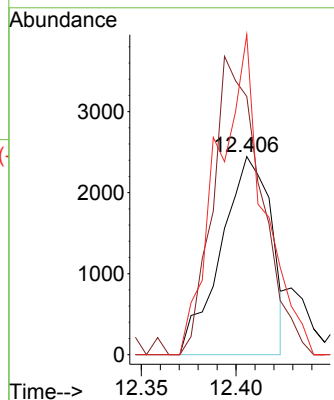
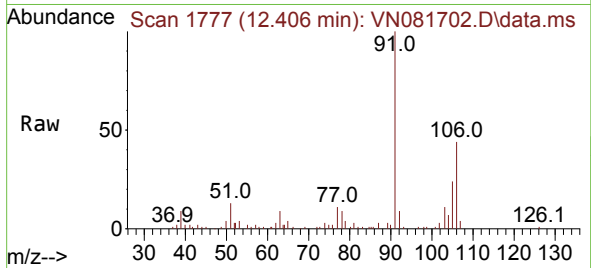




#69
Styrene
Concen: 0.395 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

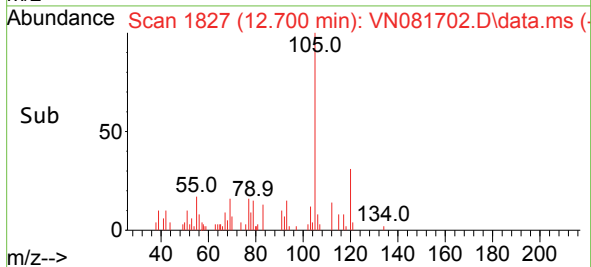
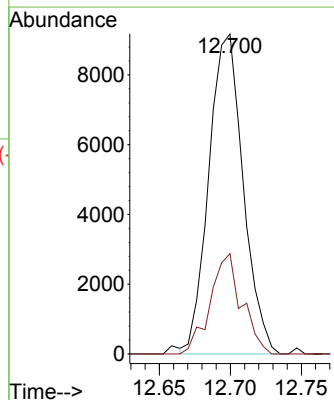
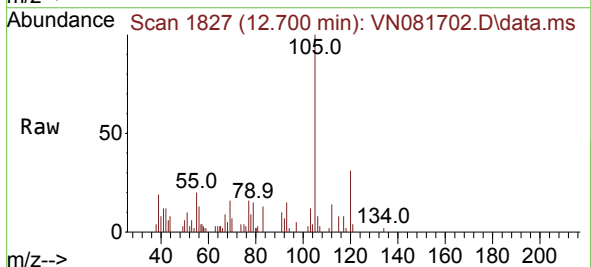
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

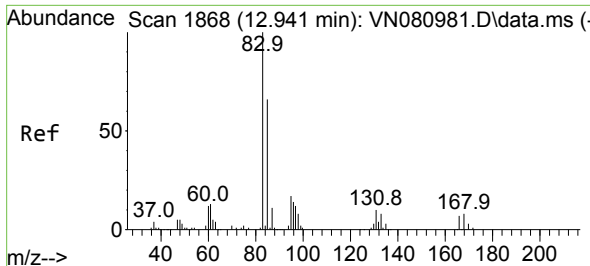
Tgt Ion:104 Resp: 4505
Ion Ratio Lower Upper
104 100
78 0.0 42.6 64.0#
103 98.4 43.7 65.5#



#70
Isopropylbenzene
Concen: 0.893 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion:105 Resp: 15443
Ion Ratio Lower Upper
105 100
120 28.8 17.8 33.1

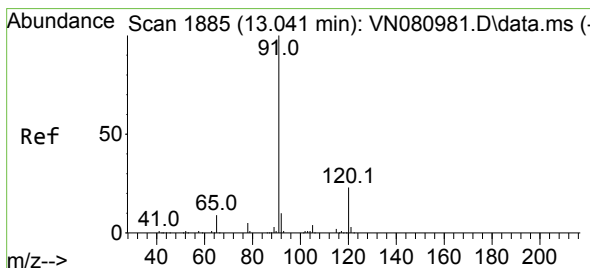
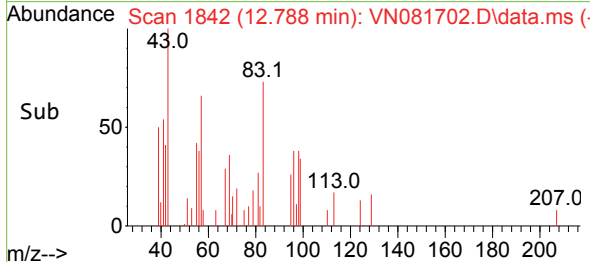
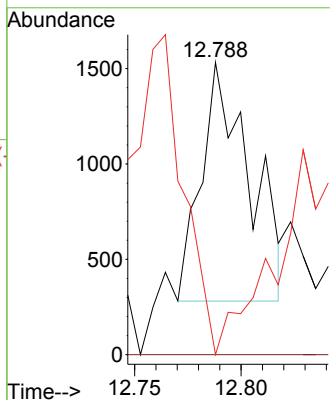
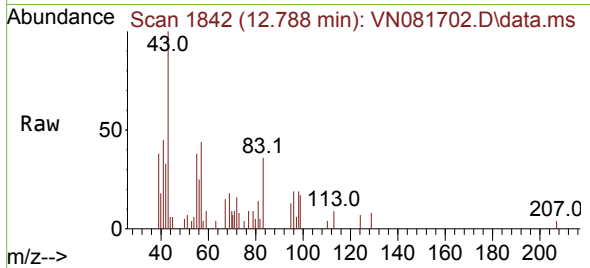




#71
1,1,2,2-Tetrachloroethane
Concen: 0.441 ug/l
RT: 12.788 min Scan# 1842
Delta R.T. -0.153 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

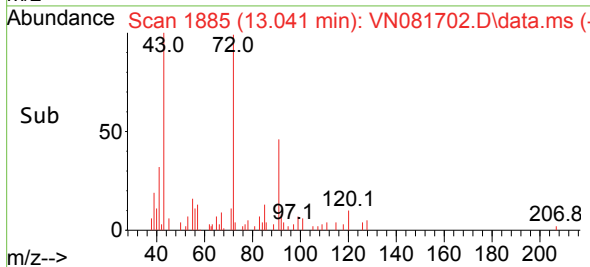
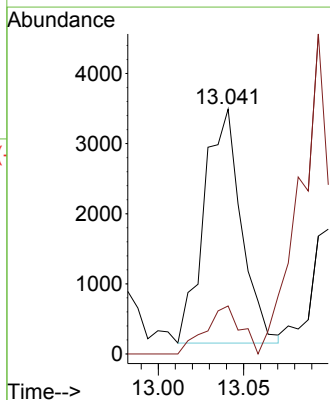
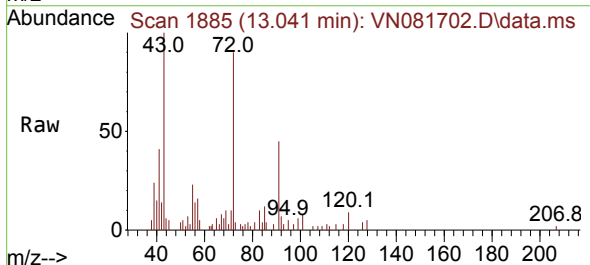
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

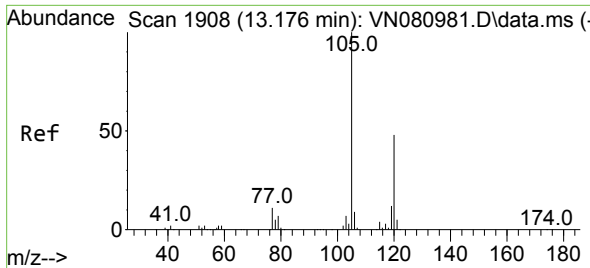
Tgt Ion: 83 Resp: 1992
Ion Ratio Lower Upper
83 100
131 6.3 5.2 15.6
85 93.0 32.3 96.8



#74
n-propylbenzene
Concen: 0.245 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 91 Resp: 5068
Ion Ratio Lower Upper
91 100
120 19.4 0.0 43.8

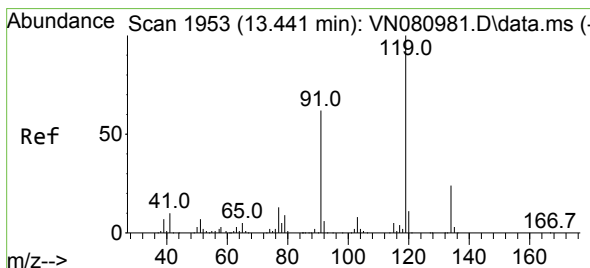
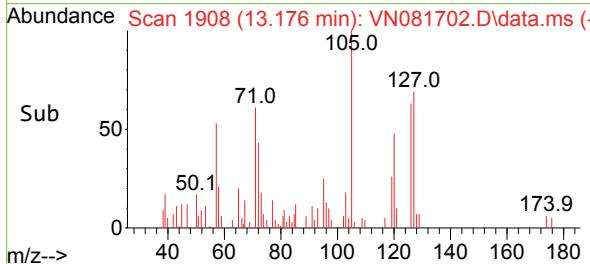
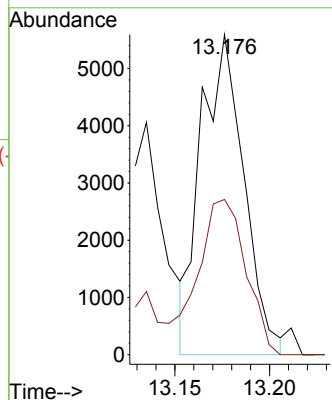
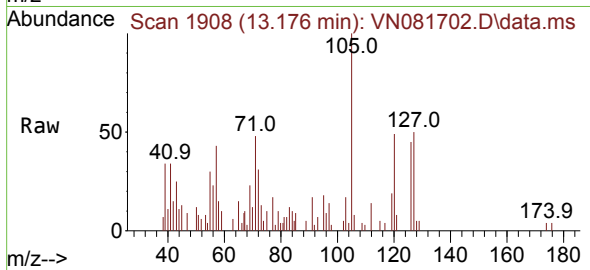




#76
1,3,5-Trimethylbenzene
Concen: 0.599 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

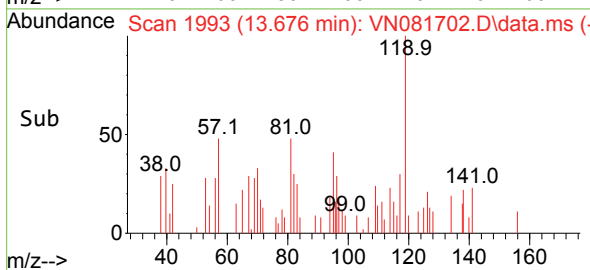
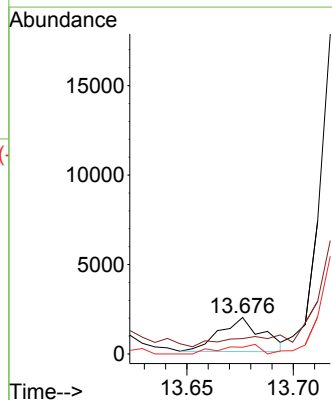
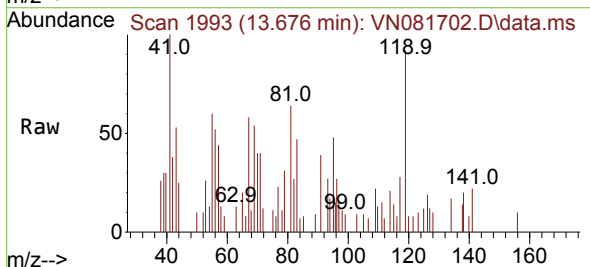
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

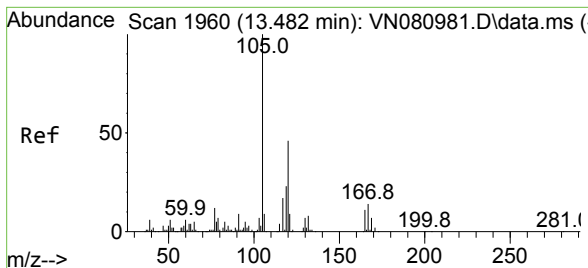
Tgt Ion:105 Resp: 8785
Ion Ratio Lower Upper
105 100
120 54.5 0.0 95.8



#79
tert-butylbenzene
Concen: 0.213 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. 0.235 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion:119 Resp: 2653
Ion Ratio Lower Upper
119 100
91 33.5 0.0 138.8
134 23.5 0.0 48.6





#80

1,2,4-Trimethylbenzene

Concen: 2.809 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN081702.D

Acq: 11 Apr 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

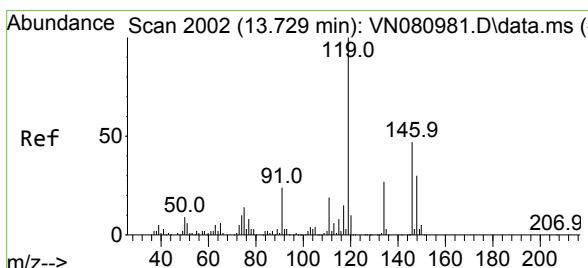
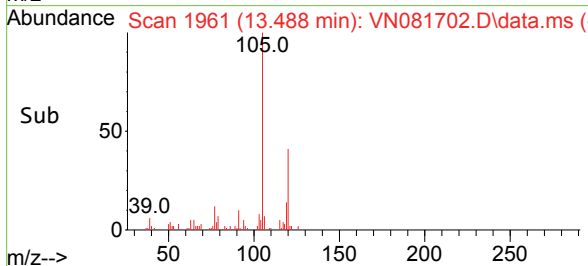
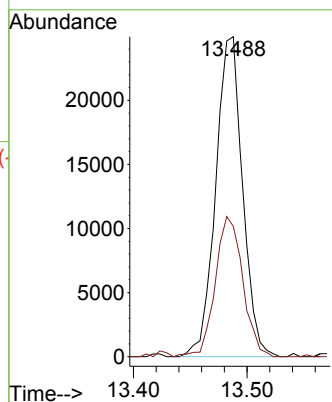
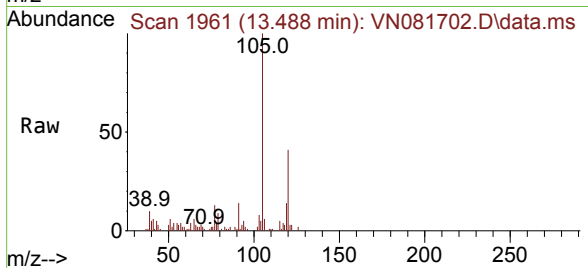
240410102-02-VOA

Tgt Ion:105 Resp: 41097

Ion Ratio Lower Upper

105 100

120 44.1 0.0 86.8



#82

p-Isopropyltoluene

Concen: 4.502 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081702.D

Acq: 11 Apr 2024 17:26

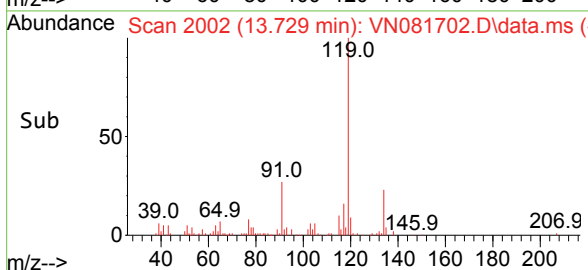
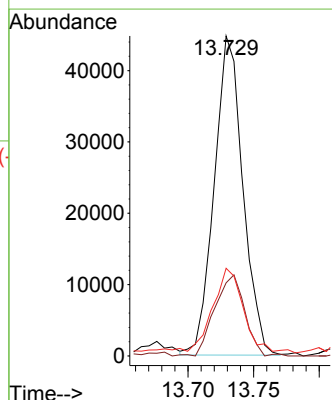
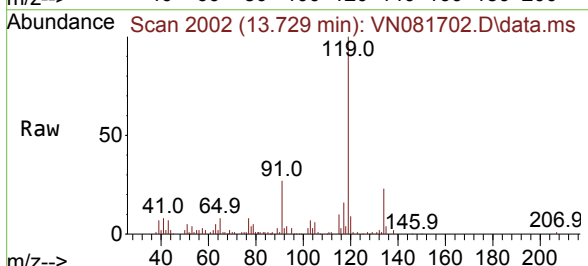
Tgt Ion:119 Resp: 67968

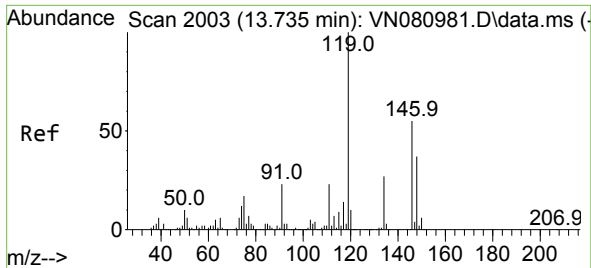
Ion Ratio Lower Upper

119 100

134 26.3 0.0 49.2

91 27.3 0.0 48.8

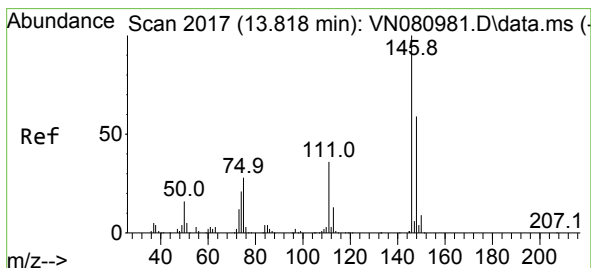
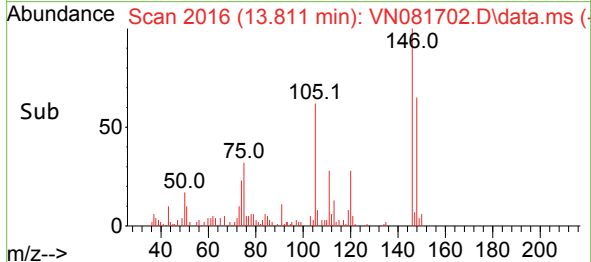
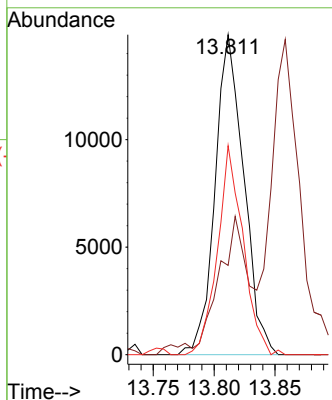
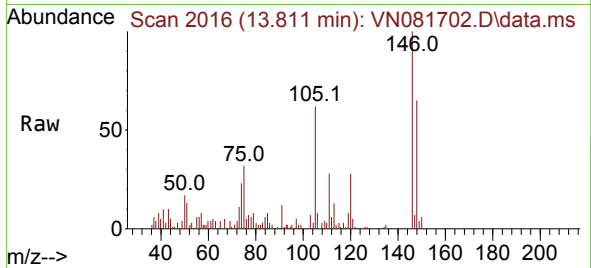




#83
 1,3-Dichlorobenzene
 Concen: 3.049 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.076 min
 Lab File: VN081702.D
 Acq: 11 Apr 2024 17:26

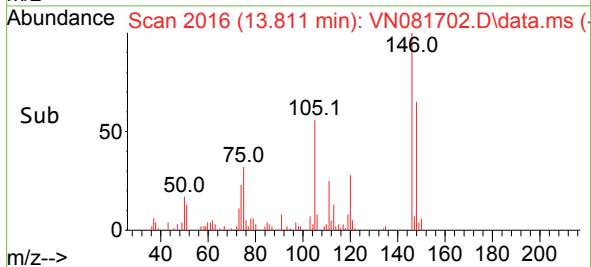
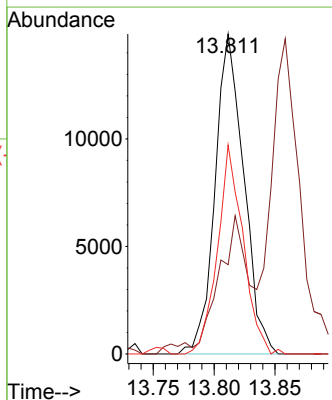
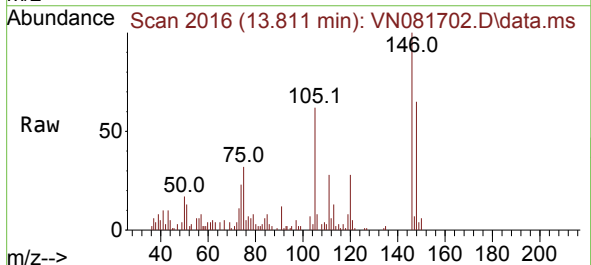
Instrument :
 MSVOA_N
 ClientSampleId :
 240410102-02-VOA

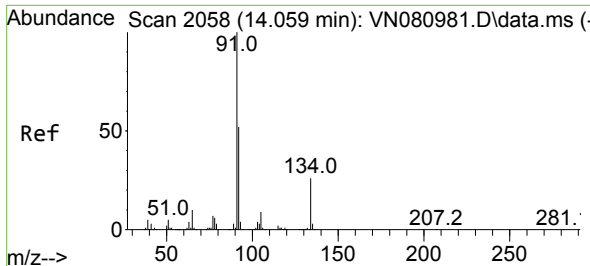
Tgt Ion:146 Resp: 24407
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.4 67.0
 148 58.0 32.1 96.5



#84
 1,4-Dichlorobenzene
 Concen: 3.150 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081702.D
 Acq: 11 Apr 2024 17:26

Tgt Ion:146 Resp: 24407
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.3 63.9
 148 58.0 31.9 95.5

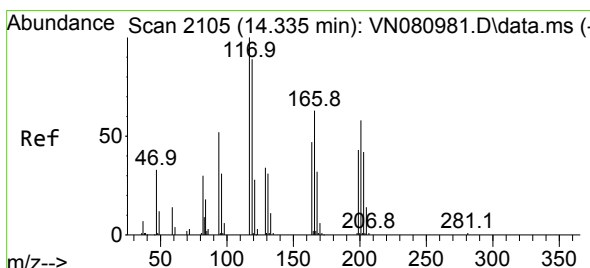
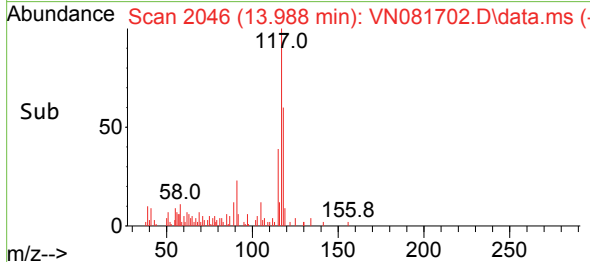
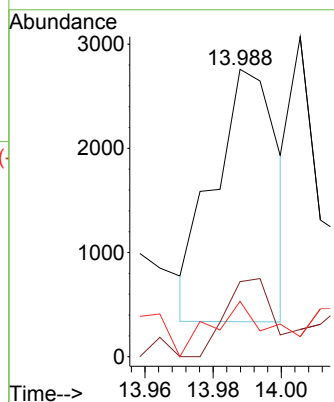
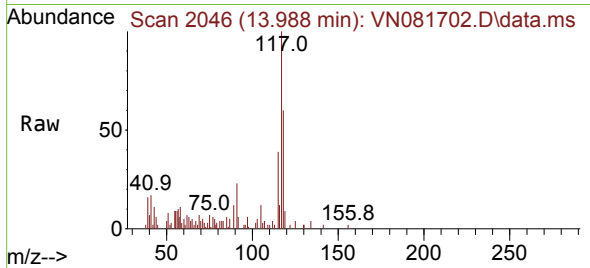




#85
n-Butylbenzene
Concen: 0.245 ug/l
RT: 13.988 min Scan# 2046
Delta R.T. -0.071 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

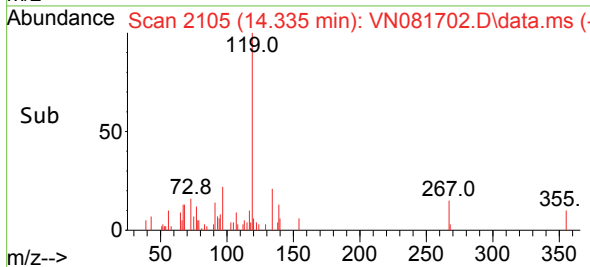
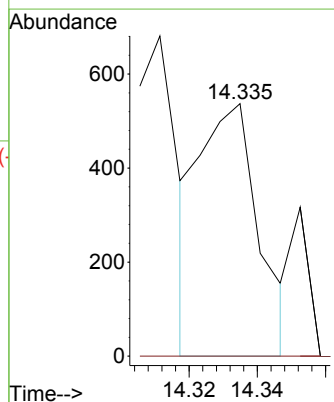
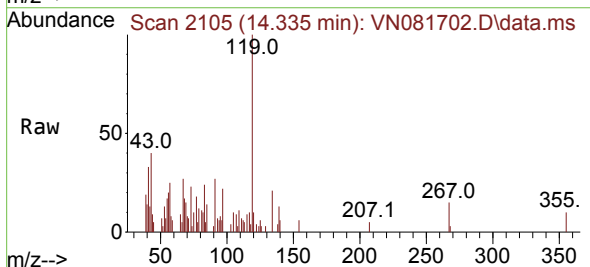
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MSVOA_N
ClientSampleId :
240410102-02-VOA

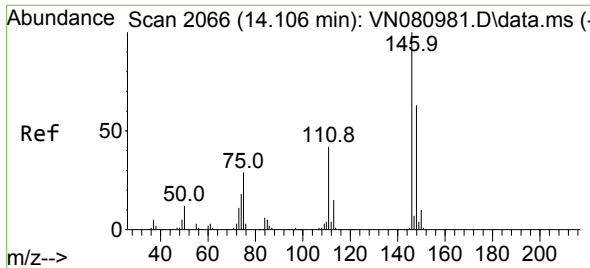
Tgt Ion: 91 Resp: 3121
Ion Ratio Lower Upper
91 100
92 22.7 0.0 105.0
134 21.2 0.0 51.8



#86
Hexachloroethane
Concen: 0.225 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 117 Resp: 648
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.0#

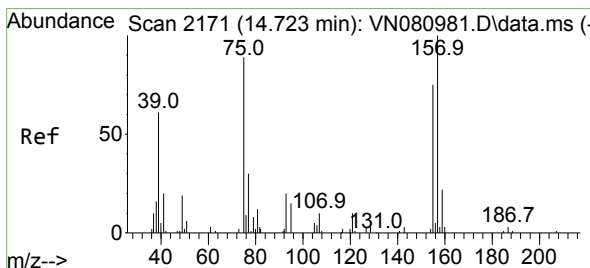
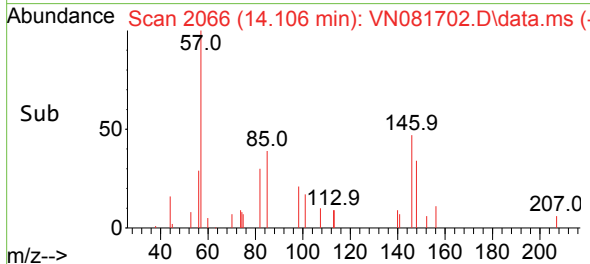
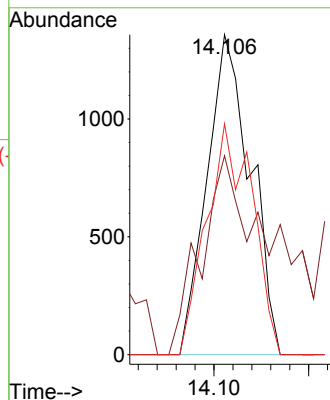
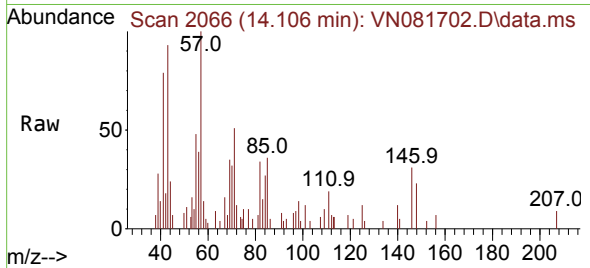




#87
1,2-Dichlorobenzene
Concen: 0.285 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

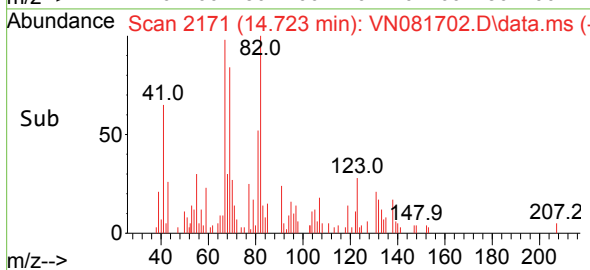
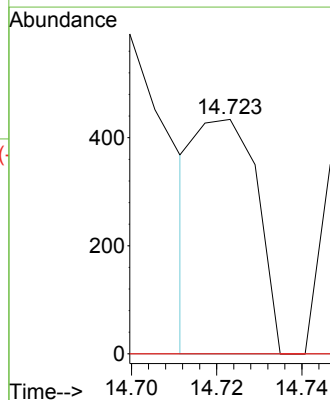
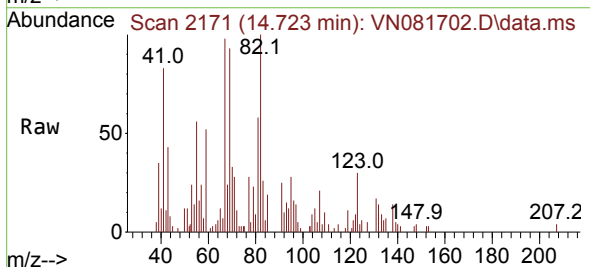
Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

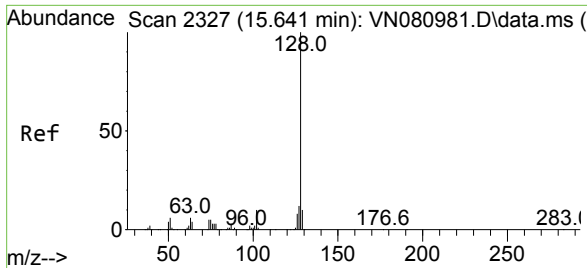
Tgt Ion:146 Resp: 2172
Ion Ratio Lower Upper
146 100
111 58.5 22.6 67.8
148 75.8 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 0.434 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081702.D
Acq: 11 Apr 2024 17:26

Tgt Ion: 75 Resp: 427
Ion Ratio Lower Upper
75 100
155 0.0 61.7 92.5#
157 0.0 83.6 125.4#





#91

Naphthalene

Concen: 39.150 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081702.D

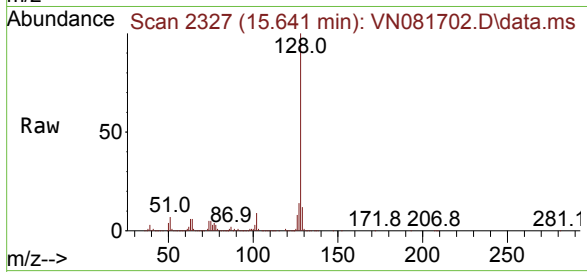
Acq: 11 Apr 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

240410102-02-VOA



Tgt Ion:128 Resp: 525653

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0

