

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081701.D
 Acq On : 11 Apr 2024 17:02
 Operator : JC\MD
 Sample : P2076-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410075-02-VOA

Quant Time: Apr 12 06:03:19 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	7.818	128	25488	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	155498	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	197714	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	92998	29.701	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.000%		
60) 4-Bromofluorobenzene	12.853	95	107902	27.759	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.533%		
63) Toluene-d8	10.571	98	225275	28.405	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	94.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	1535	0.431	ug/l	92
3) Chloromethane	2.366	50	630	0.204	ug/l #	43
4) Vinyl Chloride	2.513	62	1310	0.412	ug/l #	67
8) Diethyl Ether	3.960	74	11812	6.071	ug/l	63
14) Acrylonitrile	5.524	53	658	0.439	ug/l #	9
15) Acetone	4.424	58	1244	3.770	ug/l #	29
21) 1,1-Dichloroethane	6.565	63	1610	0.255	ug/l #	79
22) cis-1,2-Dichloroethene	7.483	96	1027	0.236	ug/l #	34
23) tert-Butyl Alcohol	5.518	59	98184	184.364	ug/l #	100
30) 2-Butanone	7.477	43	1911	1.224	ug/l #	69
31) 2,2-Dichloropropane	7.412	77	3558	0.699	ug/l #	53
34) Benzene	8.606	78	22879	1.737	ug/l #	75
35) Methacrylonitrile	7.836	41	89938	50.858	ug/l #	43
37) Trichloroethene	9.359	130	1637	0.470	ug/l #	72
45) 1,4-Dioxane	9.694	88	8045	126.407	ug/l #	97
56) Bromoform	12.847	173	1100	0.439	ug/l #	1
58) 4-Methyl-2-Pentanone	10.430	43	3514	1.033	ug/l #	39
62) Toluene	10.630	91	24815	1.725	ug/l	97
64) Chlorobenzene	11.894	112	76600	8.398	ug/l	93
66) Ethyl Benzene	11.965	91	120863	7.903	ug/l	96
67) m/p-Xylenes	12.071	106	27144	4.481	ug/l	92
68) o-Xylene	12.394	106	22885	3.979	ug/l	99
69) Styrene	12.406	104	3395	0.347	ug/l #	1
70) Isopropylbenzene	12.694	105	21114	1.423	ug/l	98
72) 1,2,3-Trichloropropane	12.853	75	57765	16.099	ug/l	1
74) n-propylbenzene	13.041	91	11491	0.647	ug/l	96
75) 2-Chlorotoluene	13.124	91	6496	0.614	ug/l	51
76) 1,3,5-Trimethylbenzene	13.177	105	7924	0.629	ug/l	99
79) tert-butylbenzene	13.677	119	2520	0.235	ug/l	45
80) 1,2,4-Trimethylbenzene	13.482	105	31847	2.536	ug/l	97
82) p-Isopropyltoluene	13.730	119	8225	0.635	ug/l	85
83) 1,3-Dichlorobenzene	13.818	146	58499	8.514	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	58499	8.796	ug/l	99
85) n-Butylbenzene	13.994	91	5470	0.501	ug/l	57
86) Hexachloroethane	14.335	117	1565	0.632	ug/l #	11
87) 1,2-Dichlorobenzene	14.106	146	4121	0.630	ug/l	83
88) 1,2-Dibromo-3-Chloropr...	14.447	75	175	0.207	ug/l #	4
91) Naphthalene	15.641	128	100869	8.753	ug/l	98

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Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

Quant Time: Apr 12 06:03:19 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

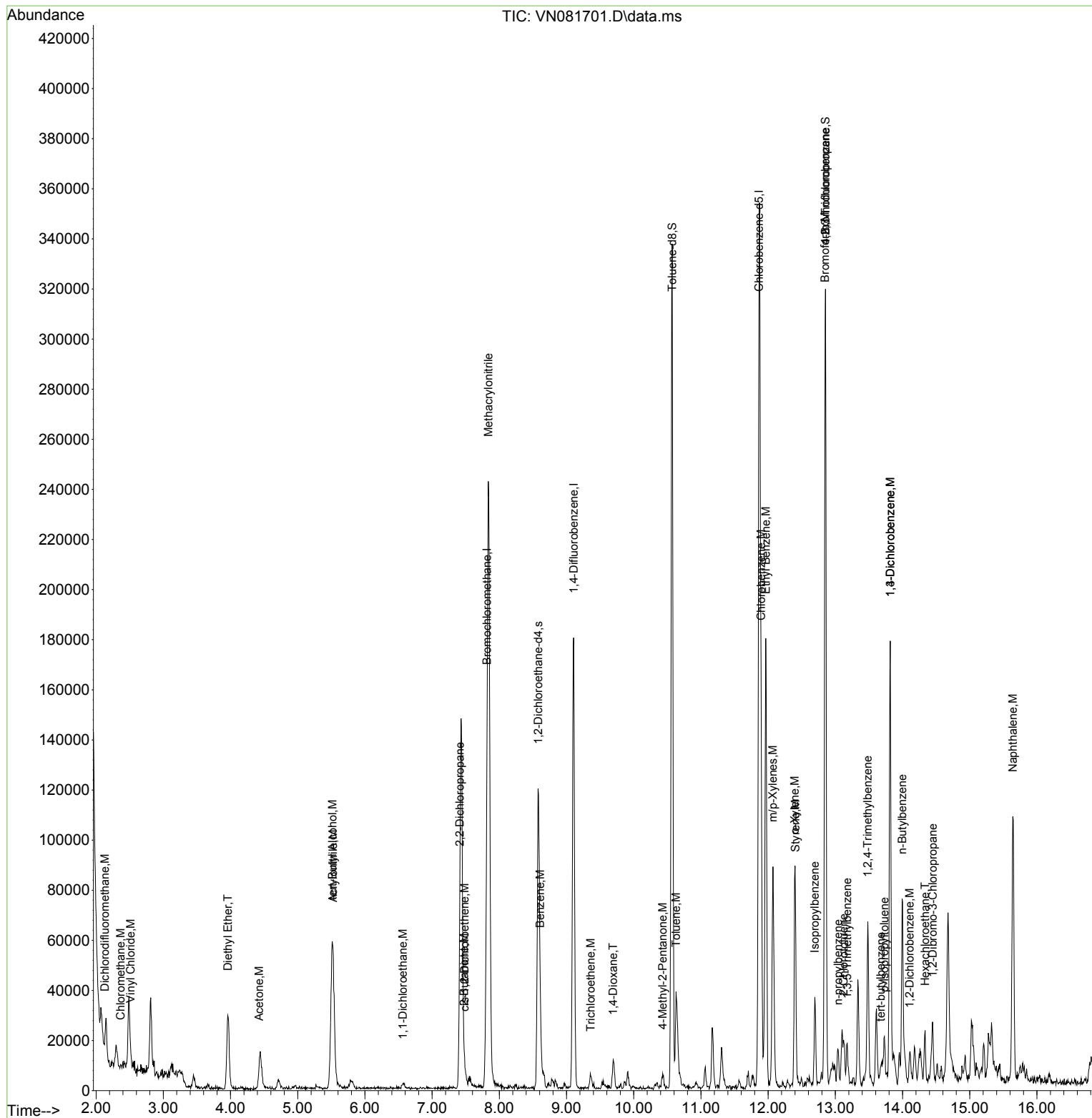
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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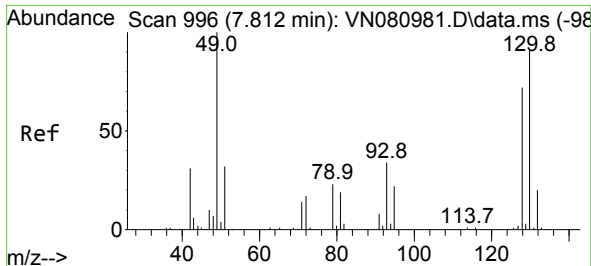
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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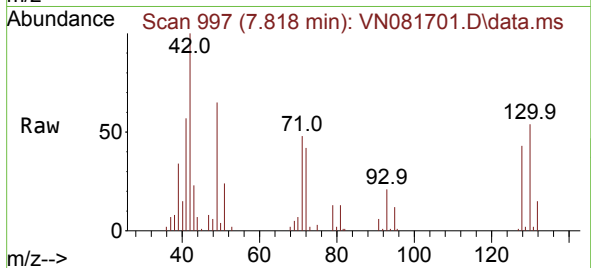
Quant Time: Apr 12 06:03:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
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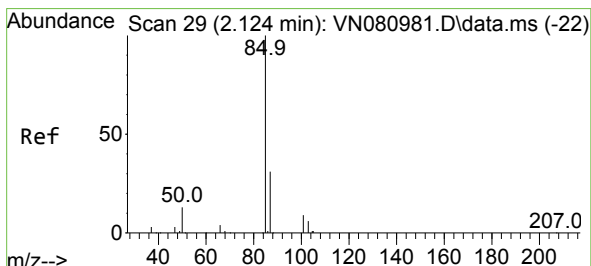
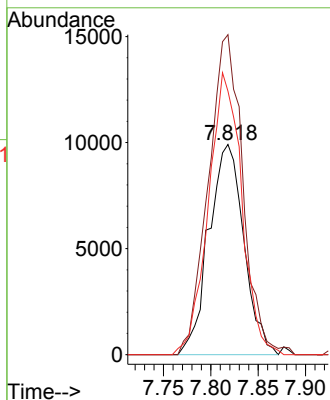
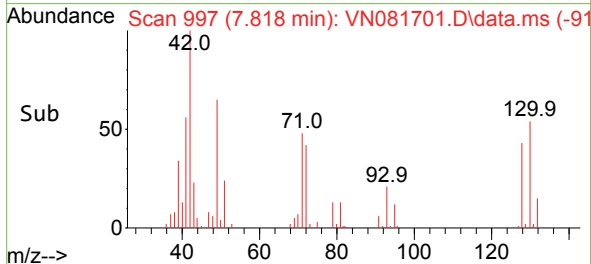


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

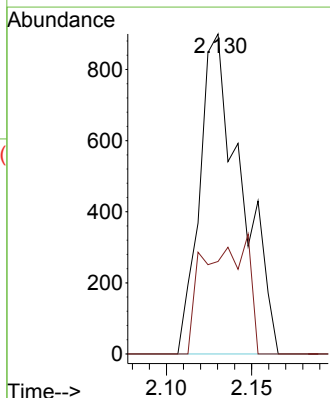
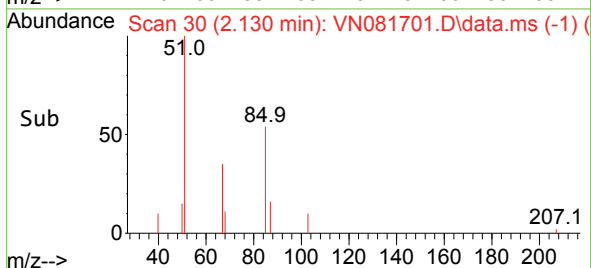
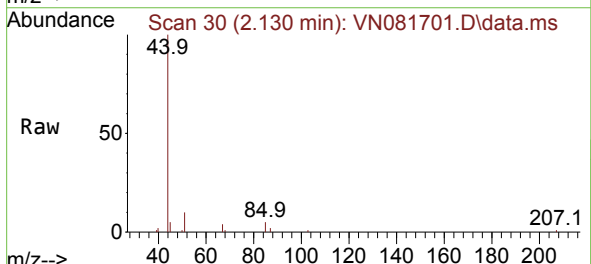


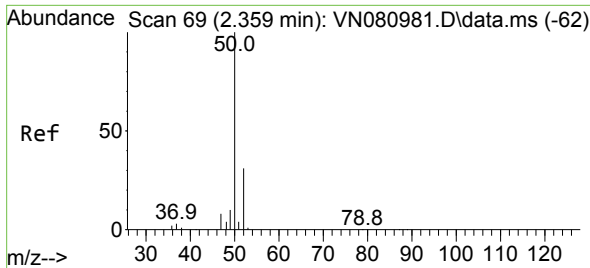
Tgt Ion:128 Resp: 25488
Ion Ratio Lower Upper
128 100
49 149.1 0.0 403.7
130 127.3 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 0.431 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 85 Resp: 1535
Ion Ratio Lower Upper
85 100
87 28.9 16.8 50.3

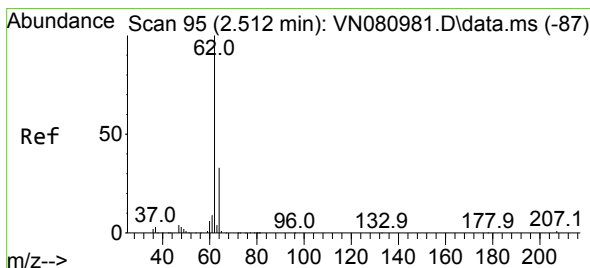
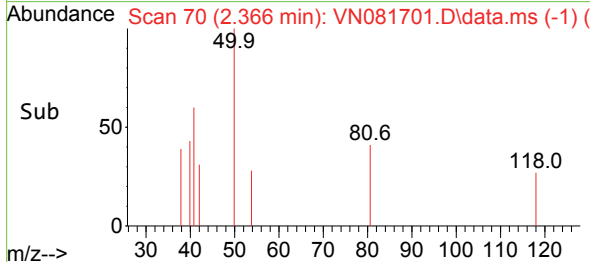
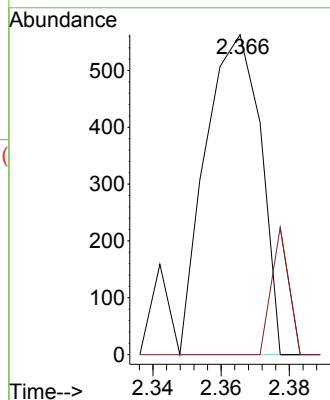
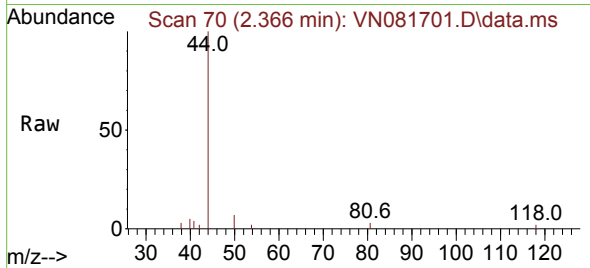




#3
Chloromethane
Concen: 0.204 ug/l
RT: 2.366 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

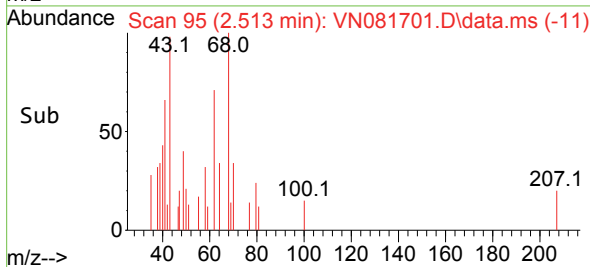
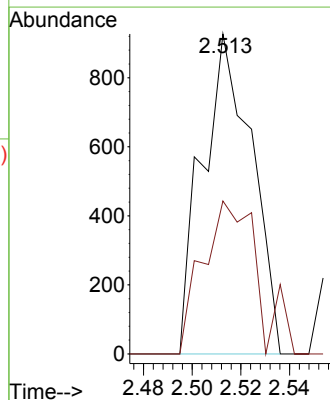
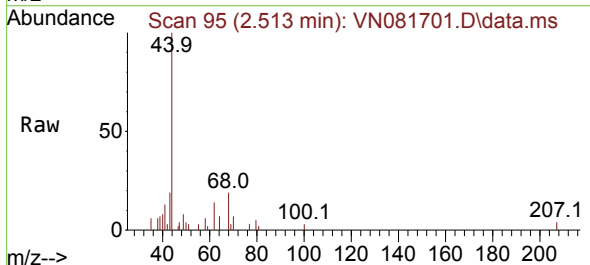
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

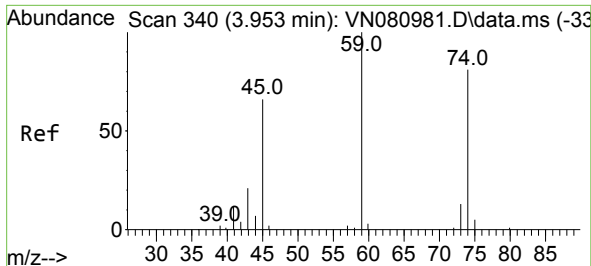
Tgt Ion: 50 Resp: 630
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#



#4
Vinyl Chloride
Concen: 0.412 ug/l
RT: 2.513 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

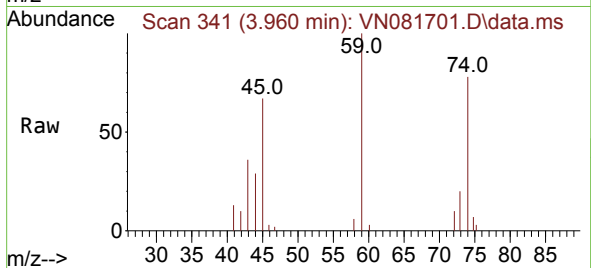
Tgt Ion: 62 Resp: 1310
Ion Ratio Lower Upper
62 100
64 47.8 24.1 36.1#



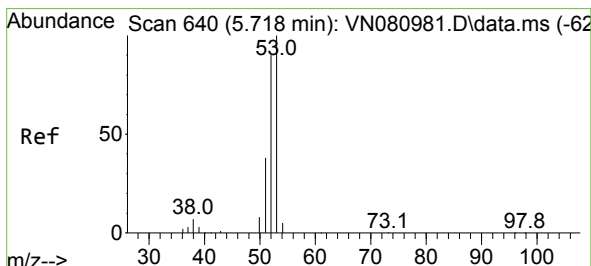
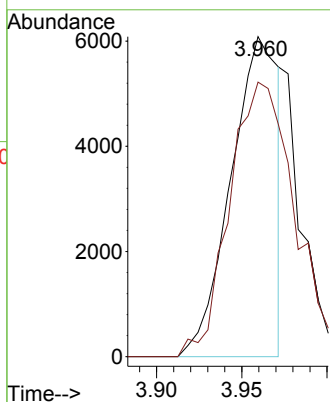
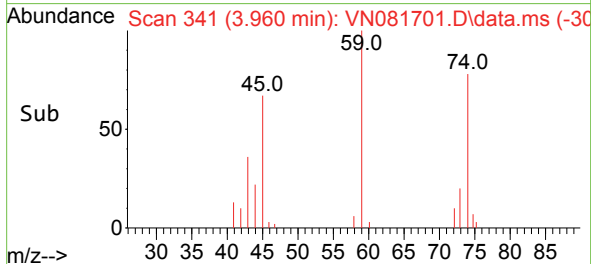


#8
Diethyl Ether
Concen: 6.071 ug/l
RT: 3.960 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

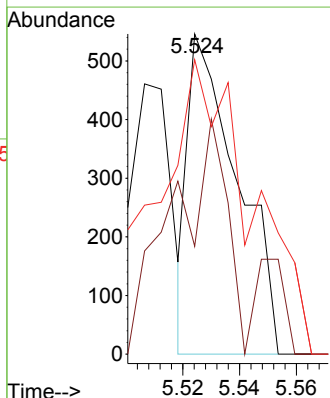
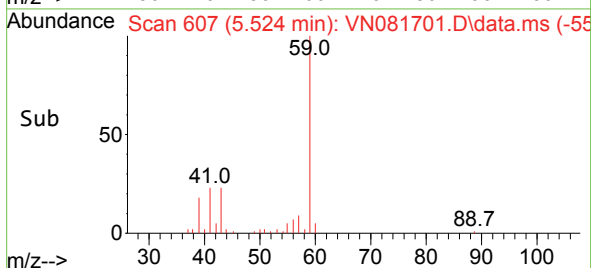
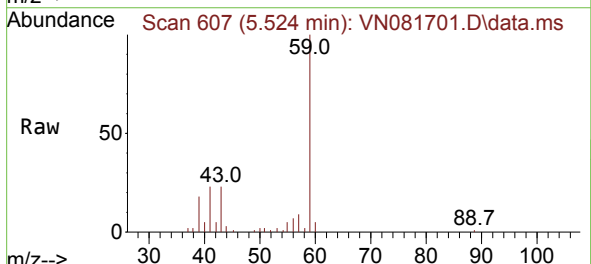


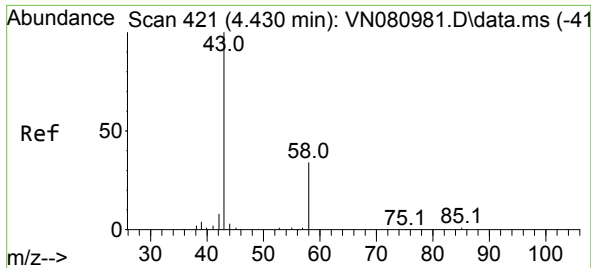
Tgt Ion: 74 Resp: 11812
Ion Ratio Lower Upper
74 100
45 114.6 16.4 147.4



#14
Acrylonitrile
Concen: 0.439 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.194 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 53 Resp: 658
Ion Ratio Lower Upper
53 100
52 35.4 41.3 123.9#
51 138.8 16.8 50.3#





#15

Acetone

Concen: 3.770 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN081701.D

Acq: 11 Apr 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

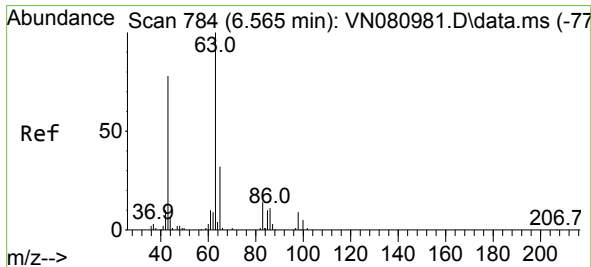
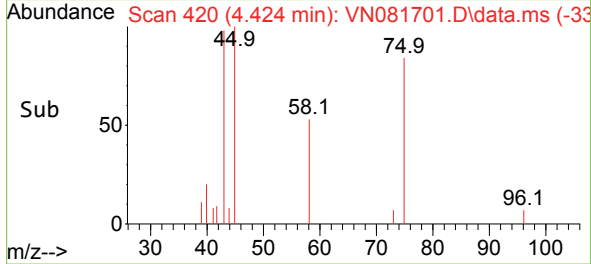
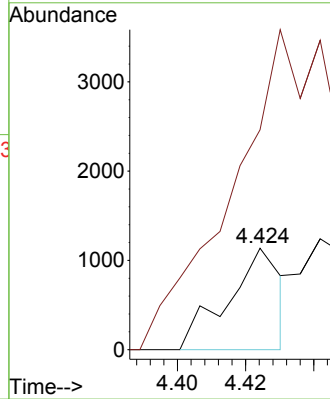
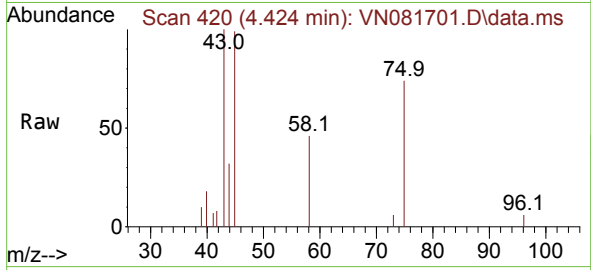
240410075-02-VOA

Tgt Ion: 58 Resp: 1244

Ion Ratio Lower Upper

58 100

43 145.9 223.1 334.7#



#21

1,1-Dichloroethane

Concen: 0.255 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN081701.D

Acq: 11 Apr 2024 17:02

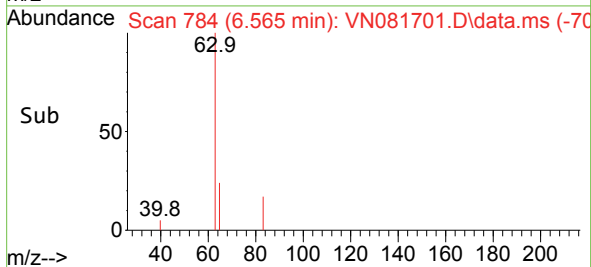
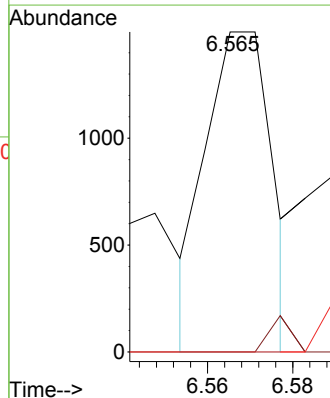
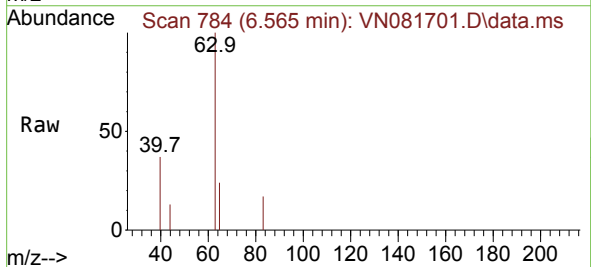
Tgt Ion: 63 Resp: 1610

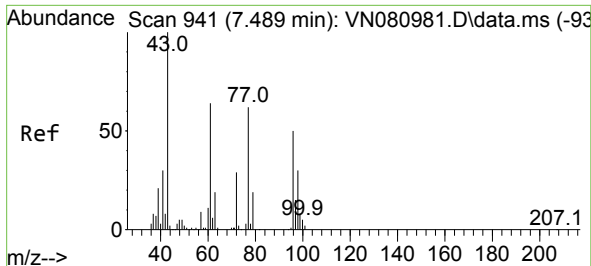
Ion Ratio Lower Upper

63 100

98 0.0 4.1 12.3#

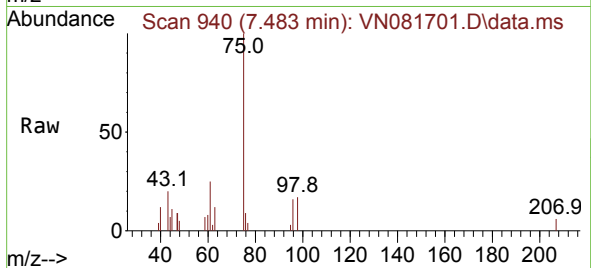
100 0.0 3.0 9.0#



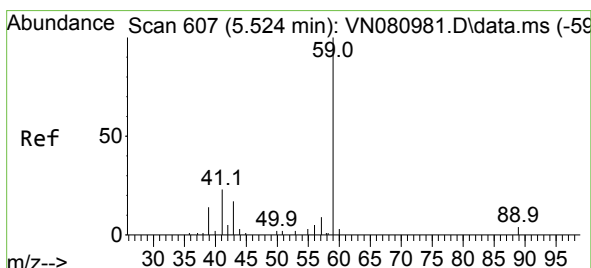
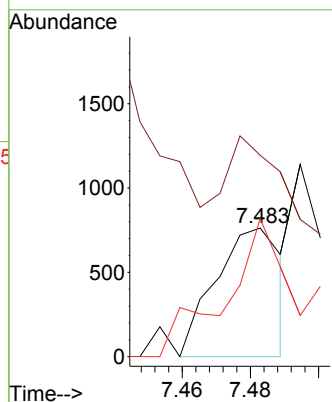
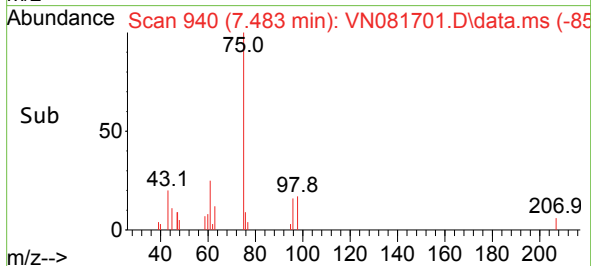


#22
 cis-1,2-Dichloroethene
 Concen: 0.236 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081701.D
 Acq: 11 Apr 2024 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 240410075-02-VOA

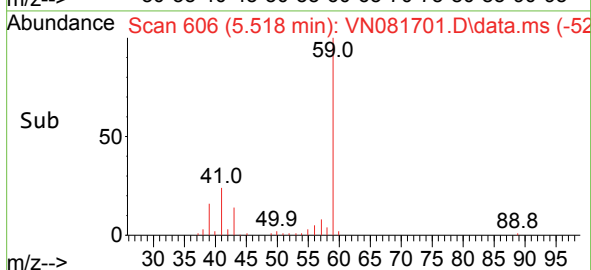
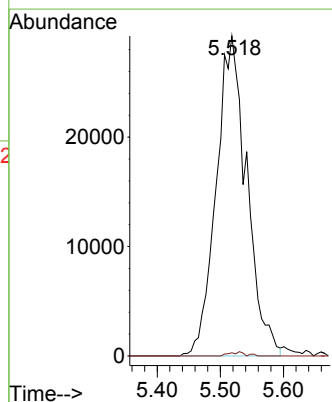
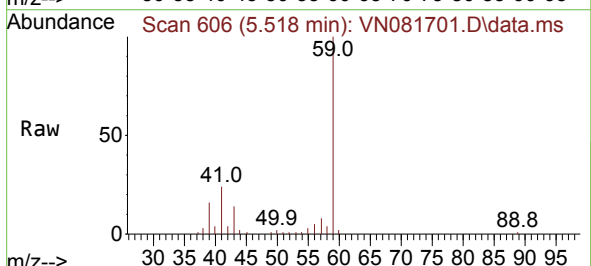


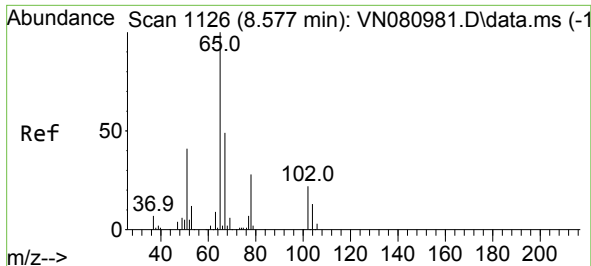
Tgt Ion: 96 Resp: 1027
 Ion Ratio Lower Upper
 96 100
 61 257.4 113.5 170.3#
 98 69.5 52.0 78.0



#23
 tert-Butyl Alcohol
 Concen: 184.364 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. 0.006 min
 Lab File: VN081701.D
 Acq: 11 Apr 2024 17:02

Tgt Ion: 59 Resp: 98184
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.0 0.0#

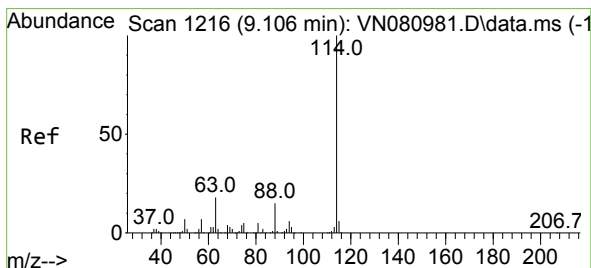
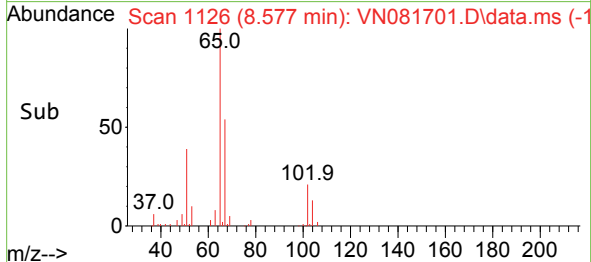
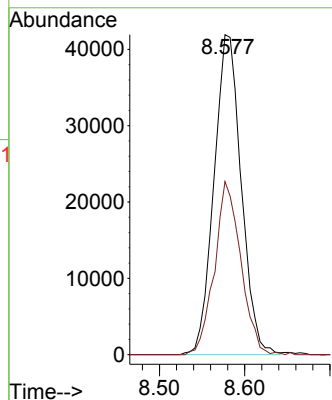
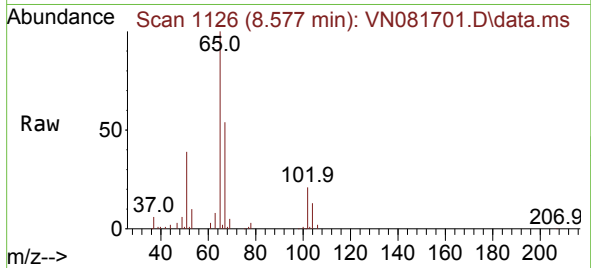




#27
1,2-Dichloroethane-d4
Concen: 29.701 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

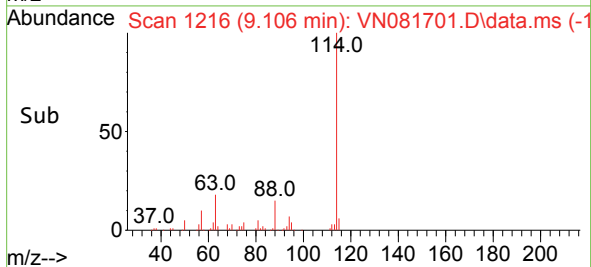
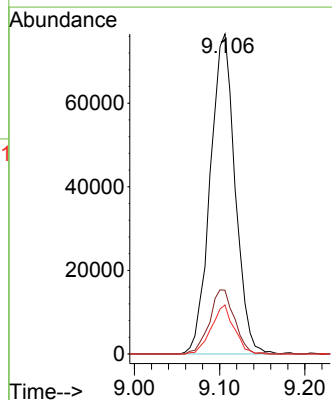
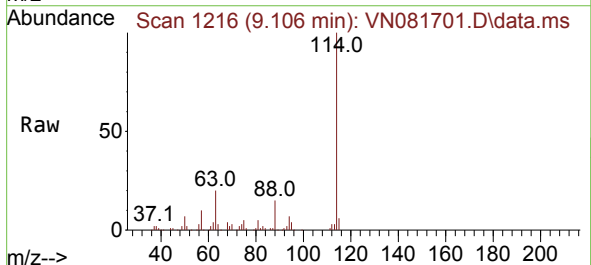
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ClientSampleId :
240410075-02-VOA

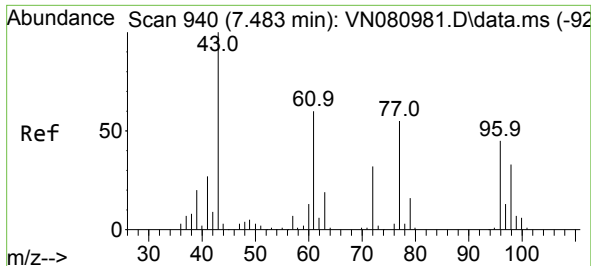
Tgt Ion: 65 Resp: 92998
Ion Ratio Lower Upper
65 100
67 52.1 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 114 Resp: 155498
Ion Ratio Lower Upper
114 100
63 20.0 15.9 23.9
88 14.0 12.7 19.1

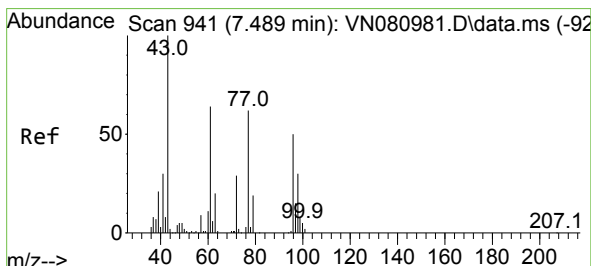
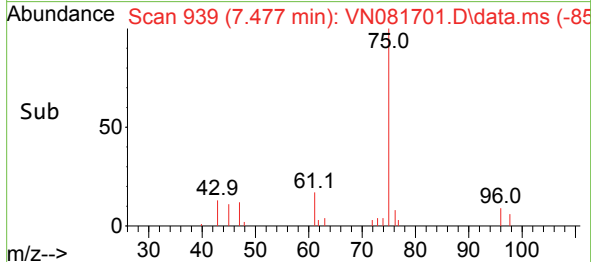
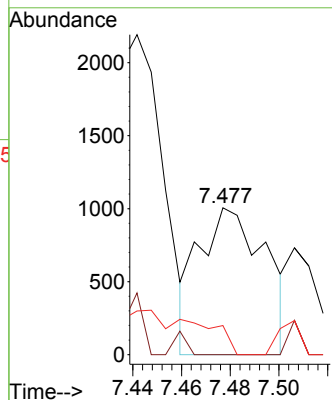
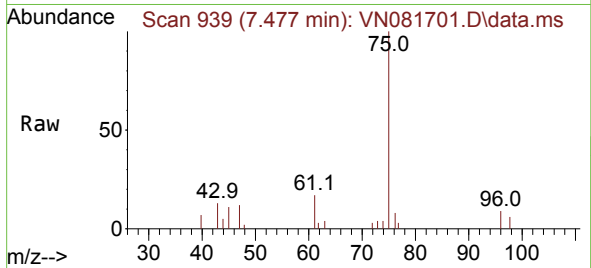




#30
2-Butanone
Concen: 1.224 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

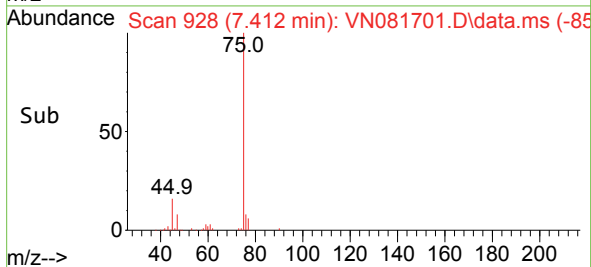
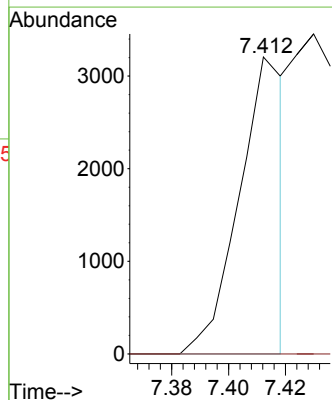
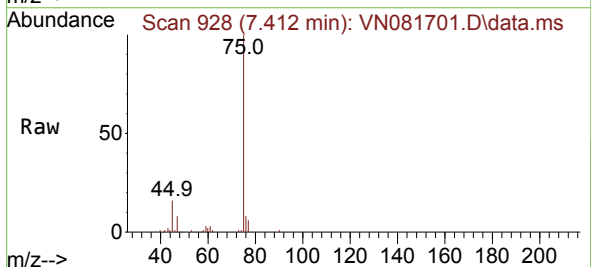
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

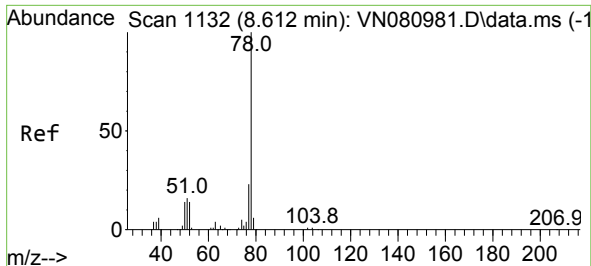
Tgt Ion: 43 Resp: 1911
Ion Ratio Lower Upper
43 100
57 0.0 6.7 10.1#
72 11.8 24.0 36.0#



#31
2,2-Dichloropropane
Concen: 0.699 ug/l
RT: 7.412 min Scan# 928
Delta R.T. -0.076 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 77 Resp: 3558
Ion Ratio Lower Upper
77 100
97 0.0 18.3 27.5#

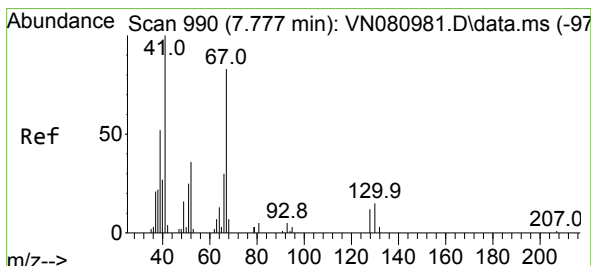
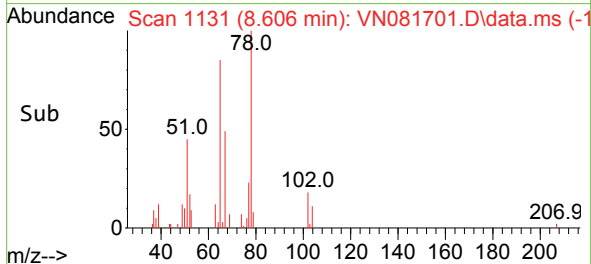
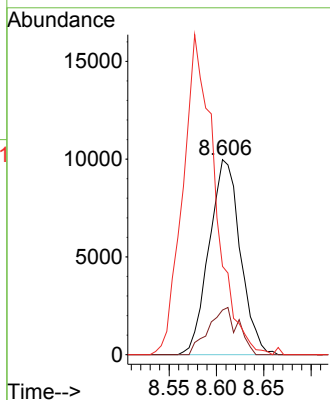
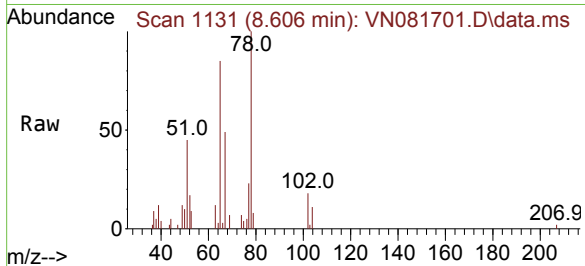




#34
Benzene
Concen: 1.737 ug/l
RT: 8.606 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

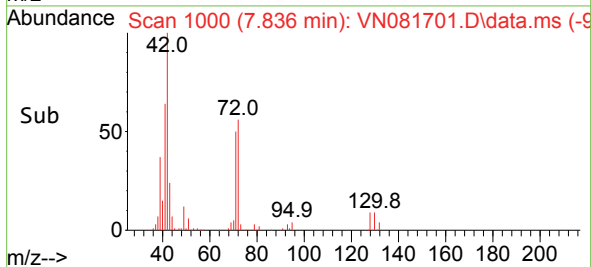
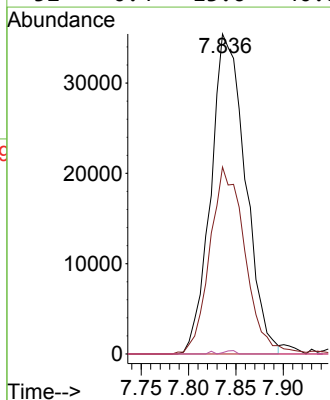
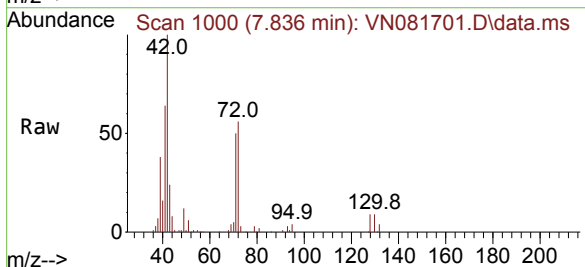
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

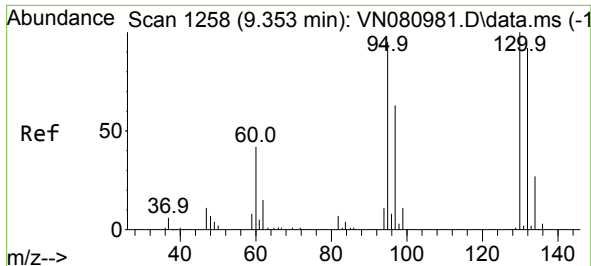
Tgt Ion:	78	Resp:	22879
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8
51	41.6	13.3	19.9#



#35
Methacrylonitrile
Concen: 50.858 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.053 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion:	41	Resp:	89938
Ion	Ratio	Lower	Upper
41	100		
39	57.8	25.3	75.9
67	0.0	38.7	116.1#
52	0.4	13.6	40.8#

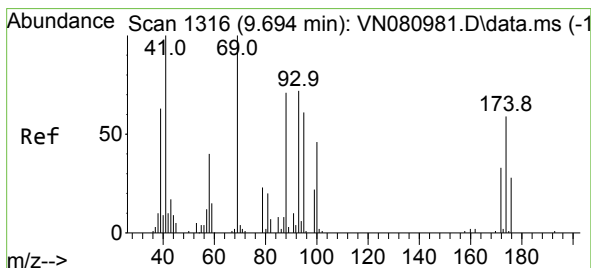
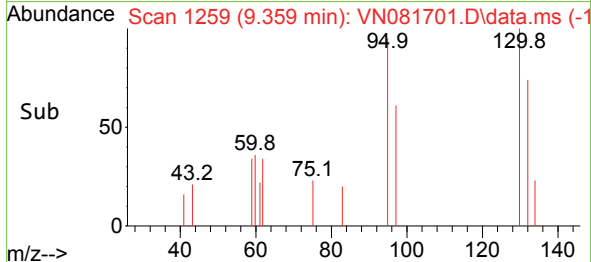
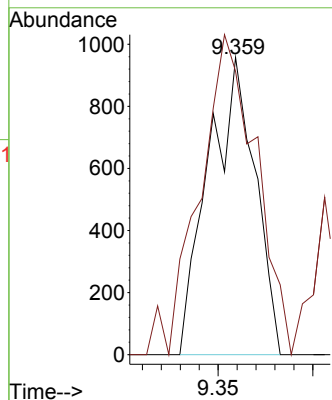
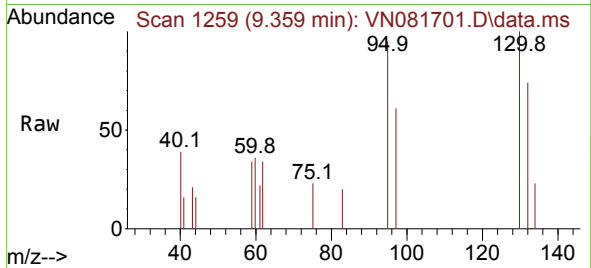




#37
 Trichloroethene
 Concen: 0.470 ug/l
 RT: 9.359 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN081701.D
 Acq: 11 Apr 2024 17:02

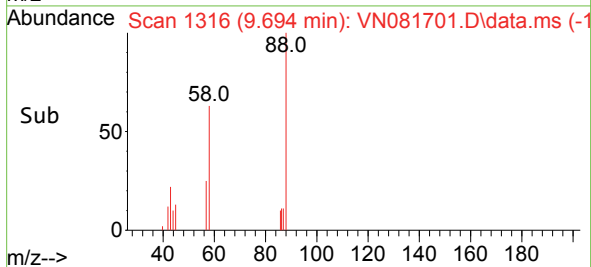
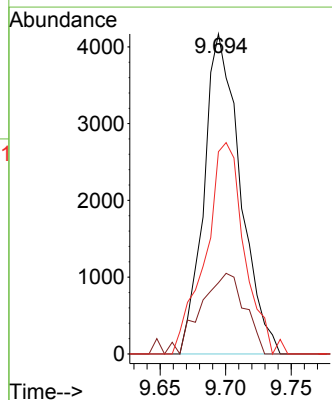
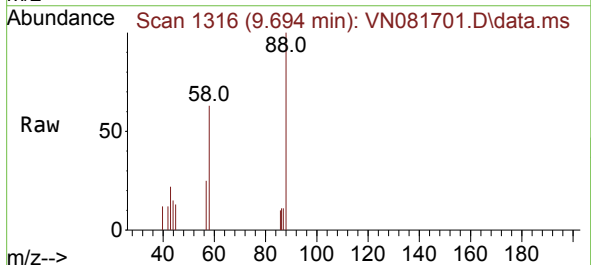
Instrument :
 MSVOA_N
 ClientSampleId :
 240410075-02-VOA

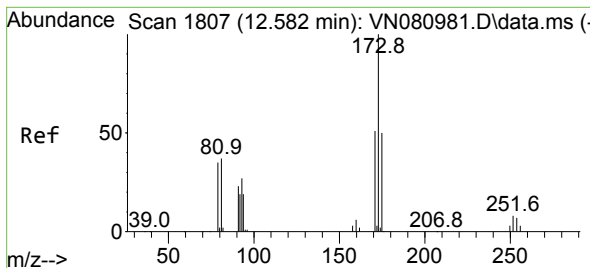
Tgt Ion:130 Resp: 1637
 Ion Ratio Lower Upper
 130 100
 95 71.8 80.2 120.4#



#45
 1,4-Dioxane
 Concen: 126.407 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: VN081701.D
 Acq: 11 Apr 2024 17:02

Tgt Ion: 88 Resp: 8045
 Ion Ratio Lower Upper
 88 100
 43 29.9 19.8 29.6#
 58 69.8 55.4 83.0





#56

Bromoform

Concen: 0.439 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN081701.D

Acq: 11 Apr 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

240410075-02-VOA

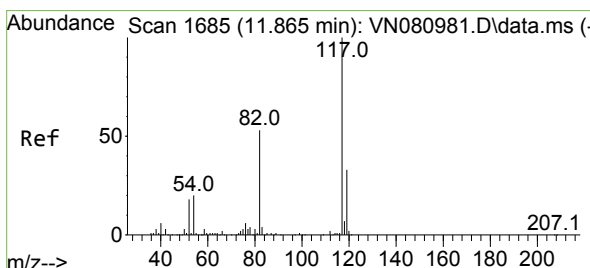
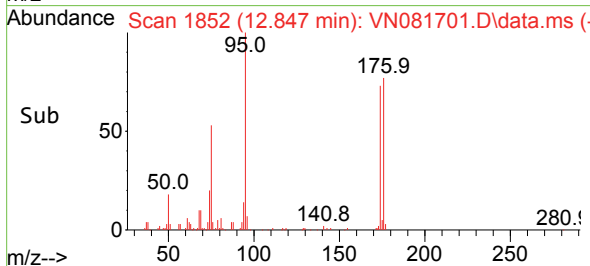
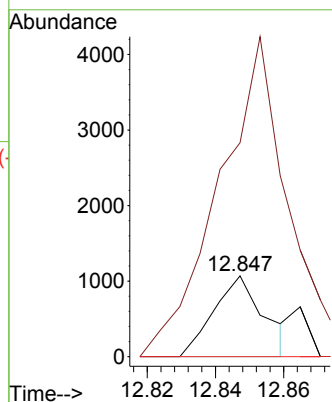
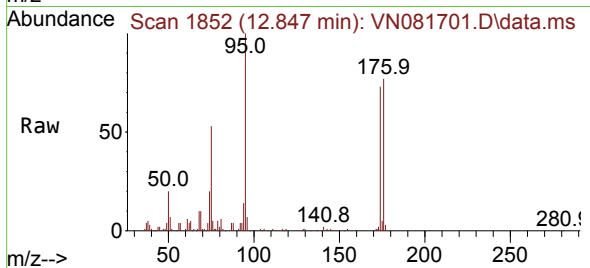
Tgt Ion:173 Resp: 1100

Ion Ratio Lower Upper

173 100

175 541.3 40.0 60.0#

254 0.0 8.3 12.5#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN081701.D

Acq: 11 Apr 2024 17:02

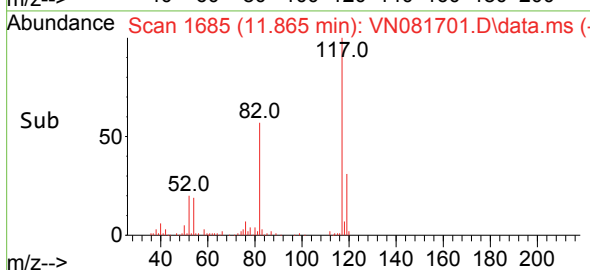
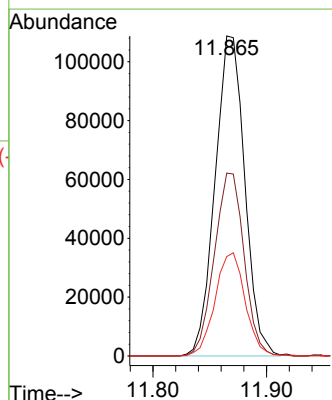
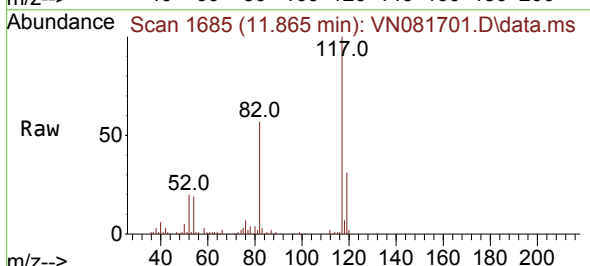
Tgt Ion:117 Resp: 197714

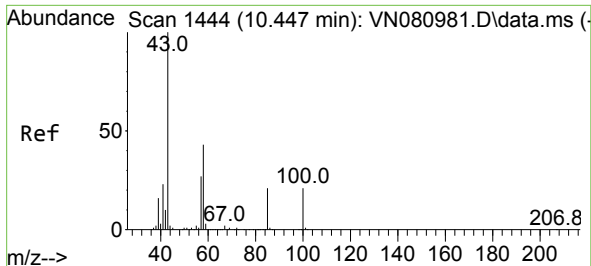
Ion Ratio Lower Upper

117 100

82 57.2 46.6 69.8

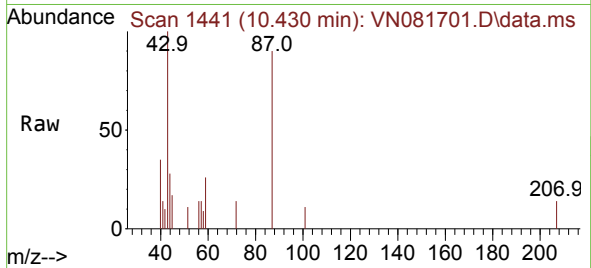
119 32.6 25.4 38.2



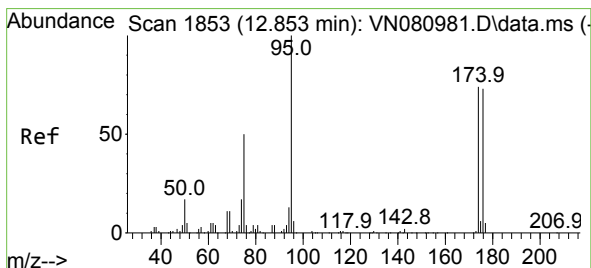
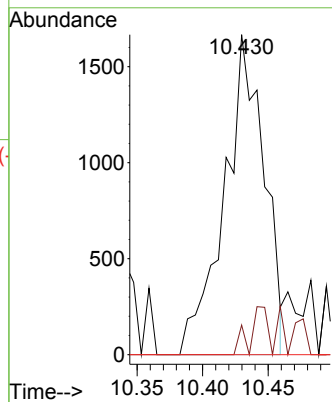
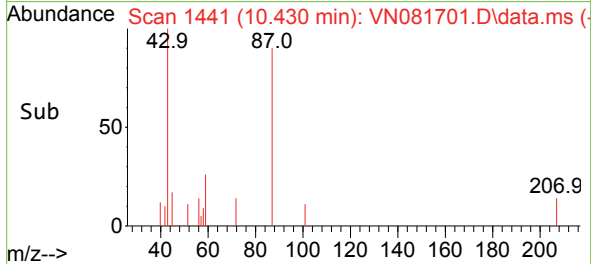


#58
4-Methyl-2-Pentanone
Concen: 1.033 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. -0.017 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

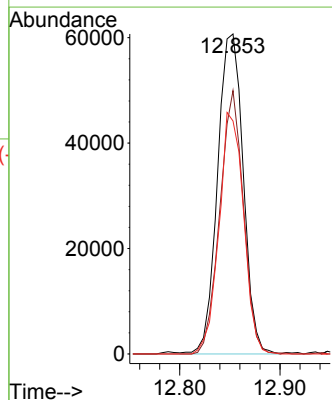
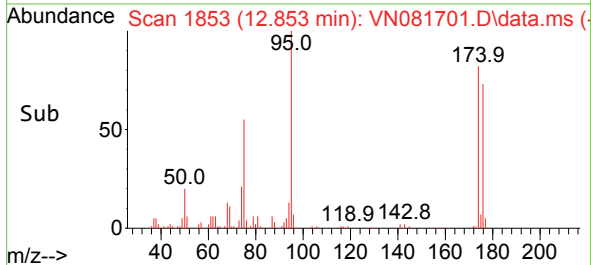
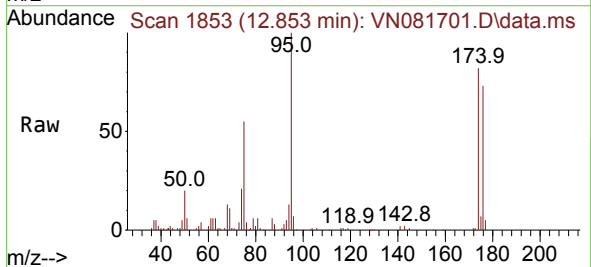


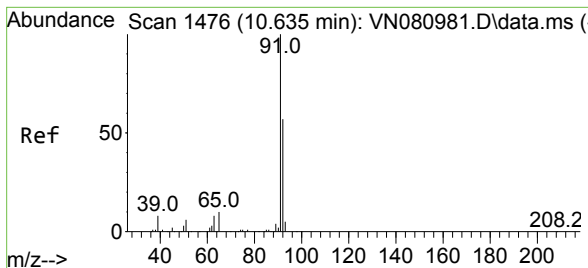
Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 1.5 36.5 54.7#
85 0.0 19.5 29.3#



#60
4-Bromofluorobenzene
Concen: 27.759 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 95 Resp: 107902
Ion Ratio Lower Upper
95 100
174 75.6 60.5 90.7
176 72.2 57.8 86.6





#62

Toluene

Concen: 1.725 ug/l

RT: 10.630 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN081701.D

Acq: 11 Apr 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

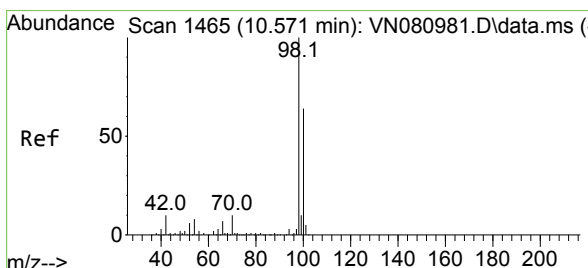
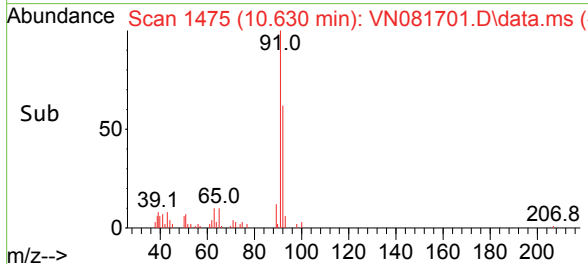
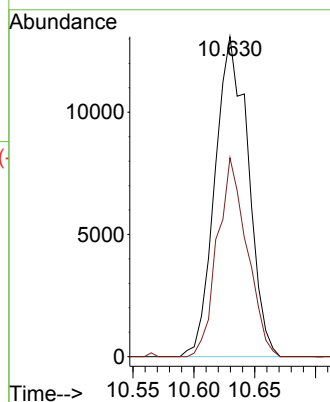
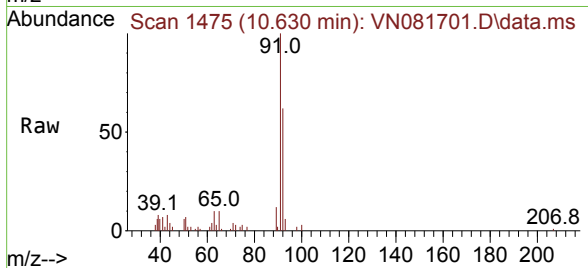
240410075-02-VOA

Tgt Ion: 91 Resp: 24815

Ion Ratio Lower Upper

91 100

92 55.7 46.5 69.7



#63

Toluene-d8

Concen: 28.405 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081701.D

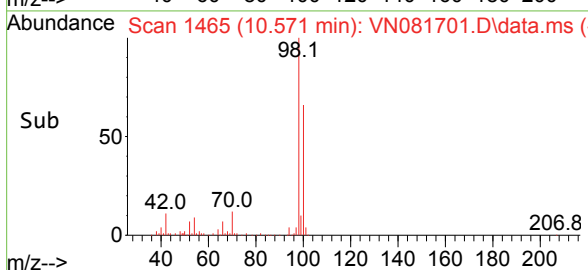
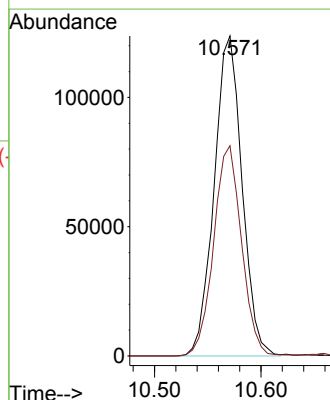
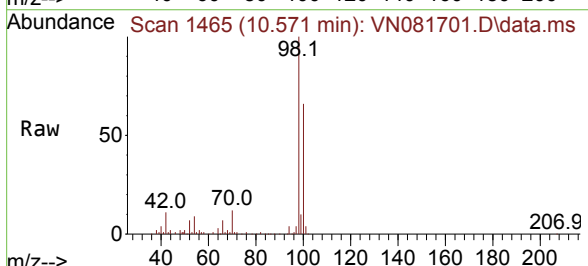
Acq: 11 Apr 2024 17:02

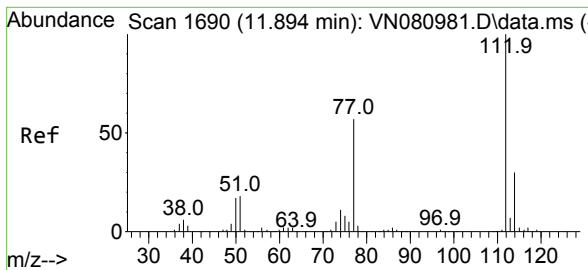
Tgt Ion: 98 Resp: 225275

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1

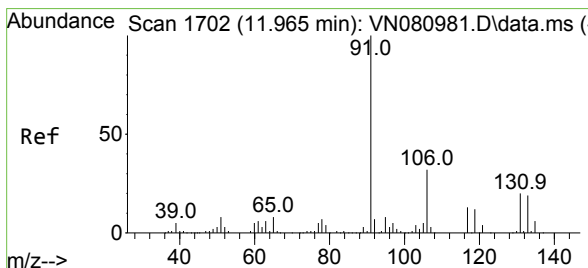
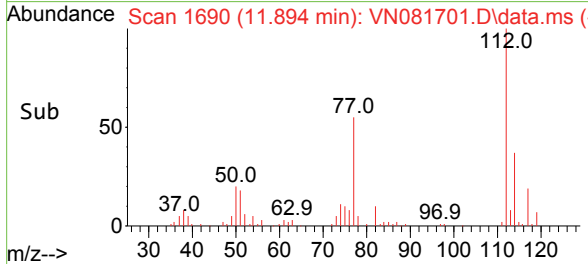
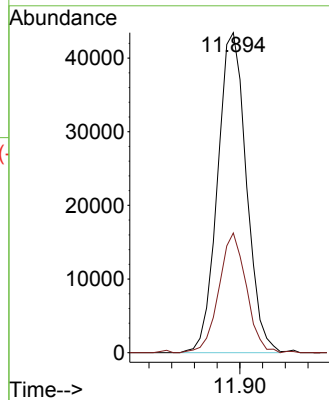
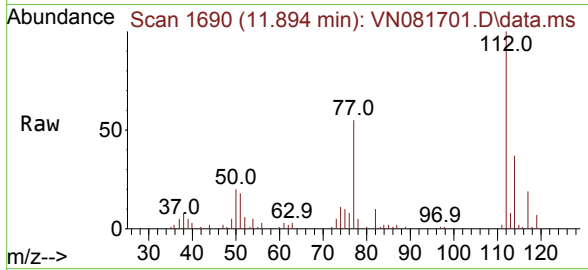




#64
Chlorobenzene
Concen: 8.398 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

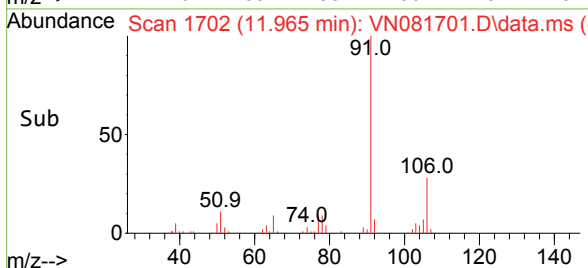
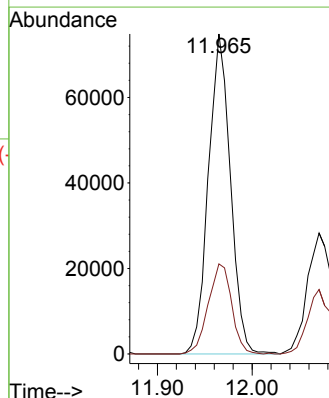
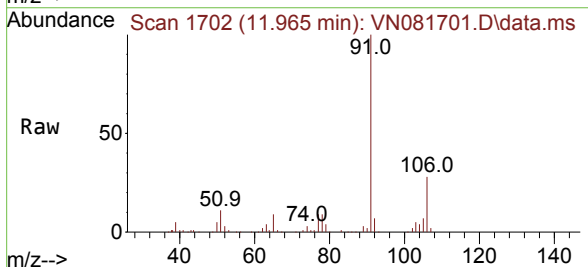
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

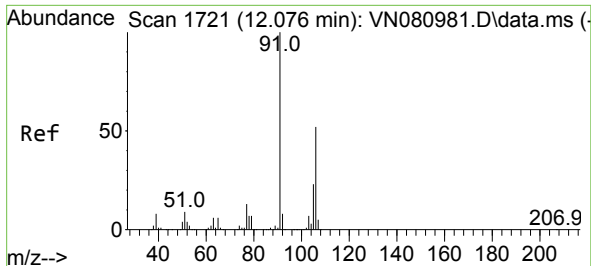
Tgt Ion:112 Resp: 76600
Ion Ratio Lower Upper
112 100
114 37.4 26.6 39.8



#66
Ethyl Benzene
Concen: 7.903 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 91 Resp: 120863
Ion Ratio Lower Upper
91 100
106 28.1 24.4 36.6

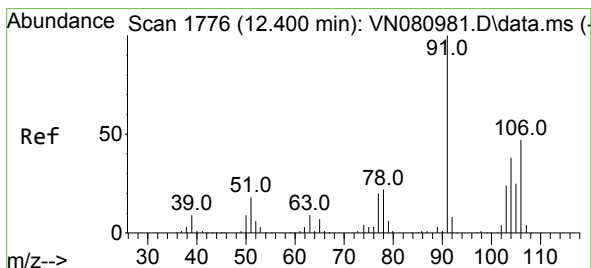
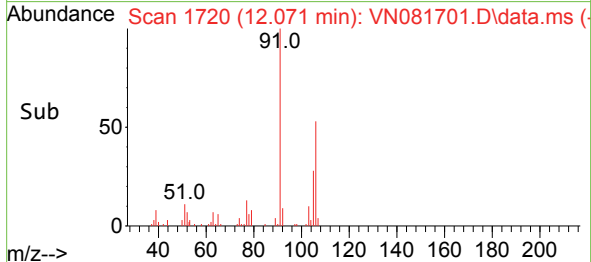
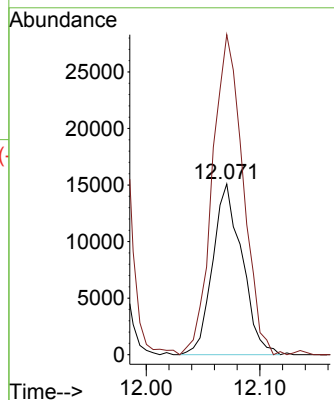
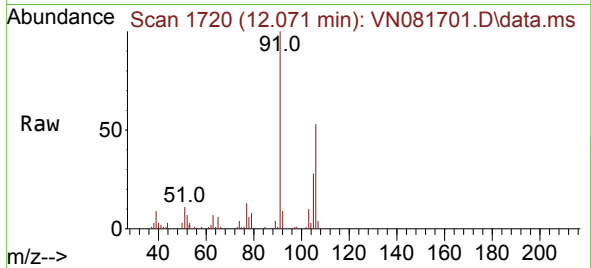




#67
m/p-Xylenes
Concen: 4.481 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

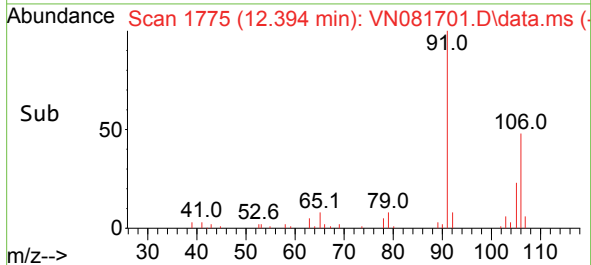
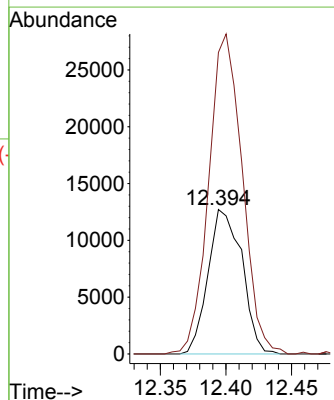
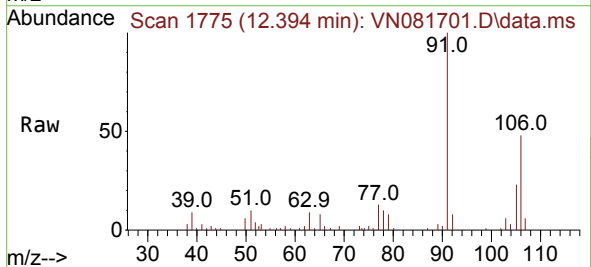
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

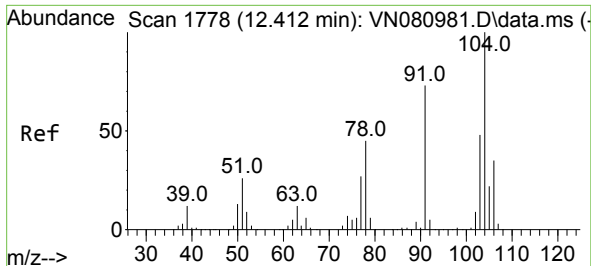
Tgt Ion:106 Resp: 27144
Ion Ratio Lower Upper
106 100
91 195.1 166.6 249.8



#68
o-Xylene
Concen: 3.979 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion:106 Resp: 22885
Ion Ratio Lower Upper
106 100
91 218.9 110.0 330.0

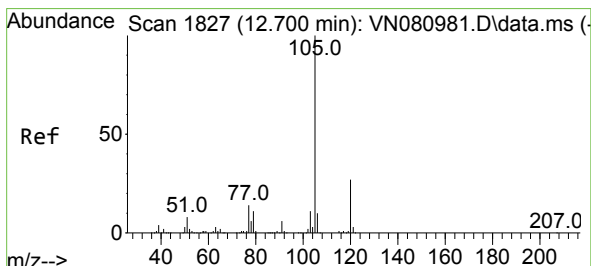
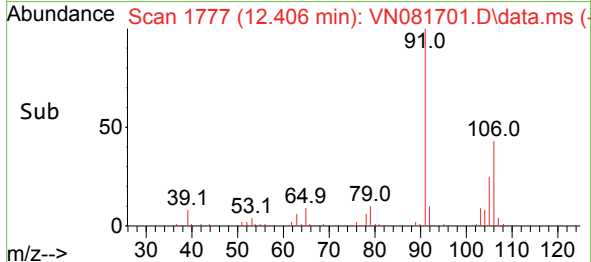
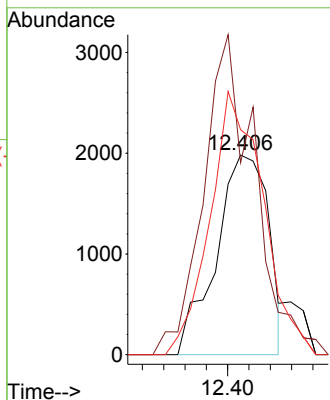
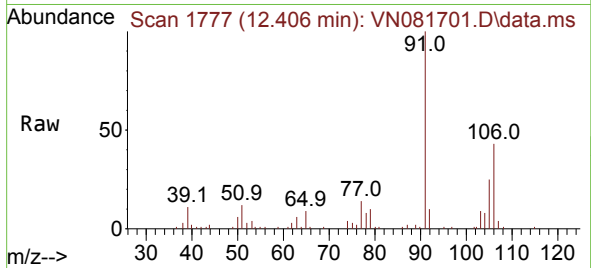




#69
Styrene
Concen: 0.347 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

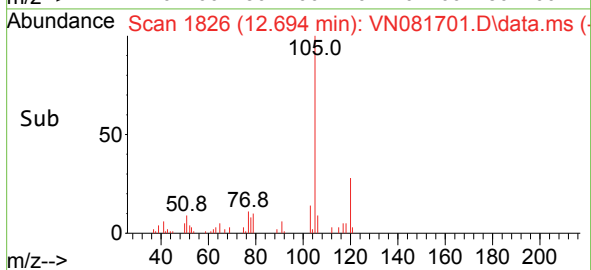
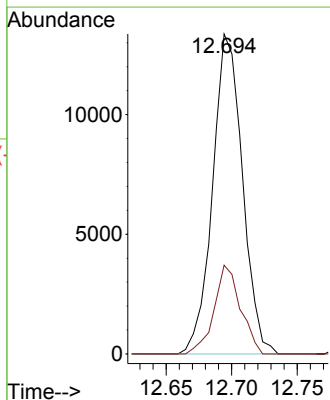
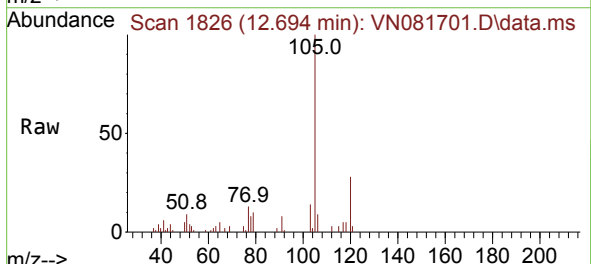
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

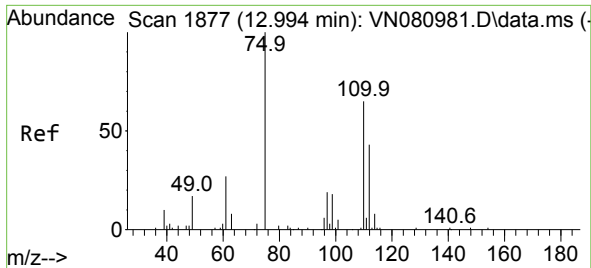
Tgt Ion:104 Resp: 3395
Ion Ratio Lower Upper
104 100
78 157.3 42.6 64.0#
103 133.3 43.7 65.5#



#70
Isopropylbenzene
Concen: 1.423 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion:105 Resp: 21114
Ion Ratio Lower Upper
105 100
120 24.6 17.8 33.1

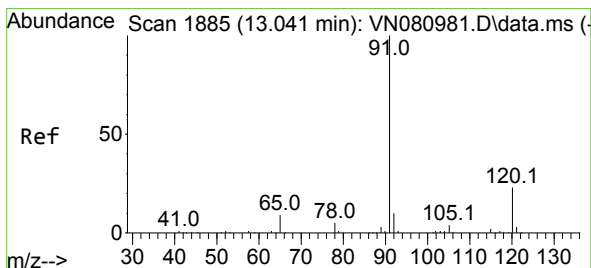
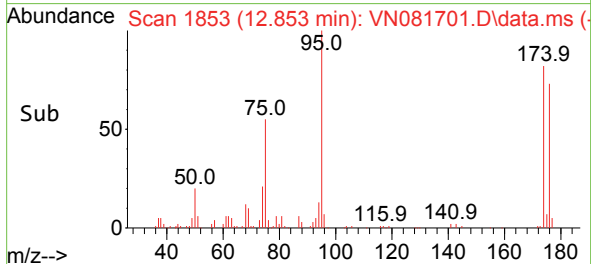
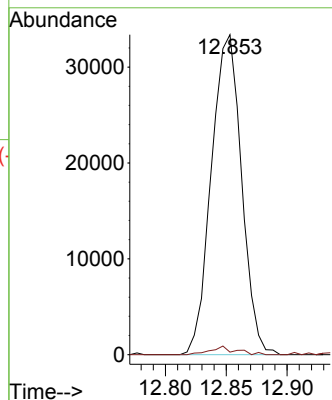
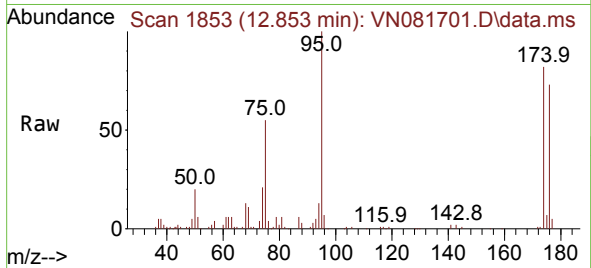




#72
1,2,3-Trichloropropane
Concen: 16.099 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

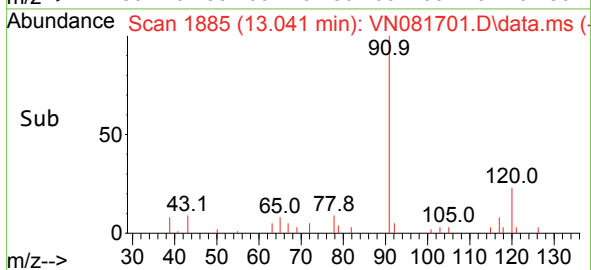
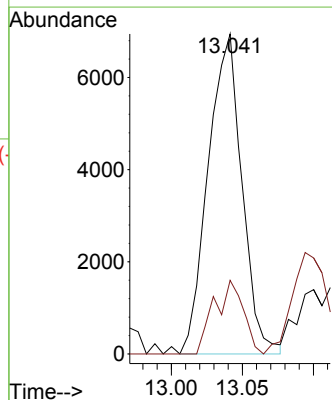
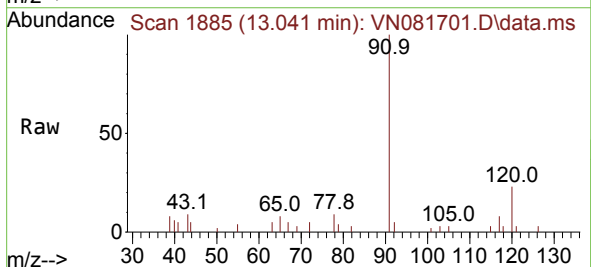
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

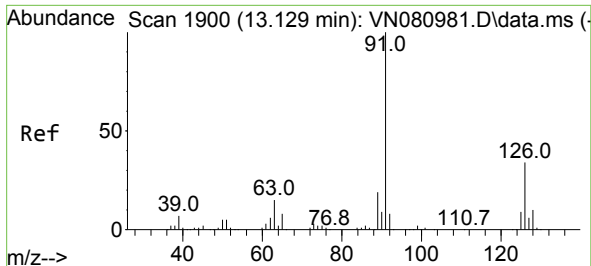
Tgt Ion: 75 Resp: 57765
Ion Ratio Lower Upper
75 100
77 1.5 0.0 367.6



#74
n-propylbenzene
Concen: 0.647 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 91 Resp: 11491
Ion Ratio Lower Upper
91 100
120 19.9 0.0 43.8

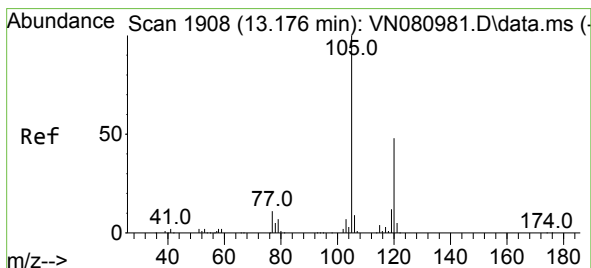
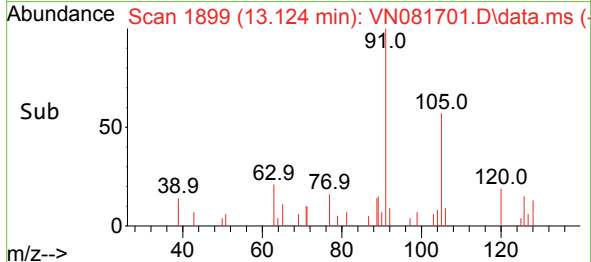
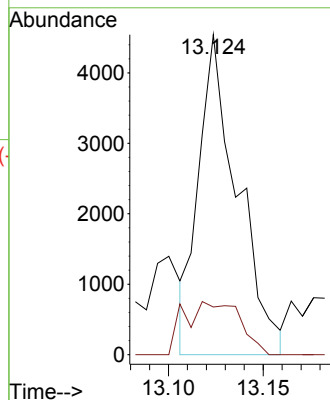
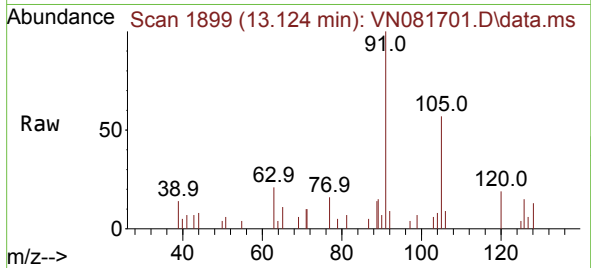




#75
2-Chlorotoluene
Concen: 0.614 ug/l
RT: 13.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

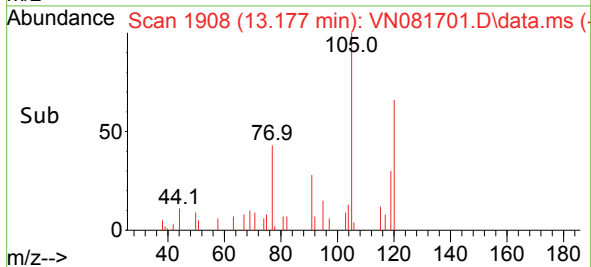
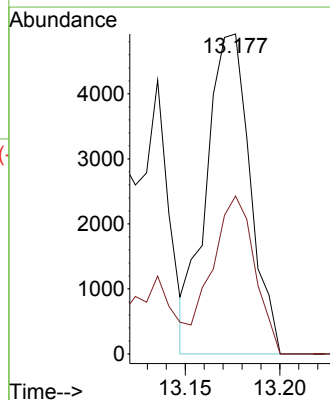
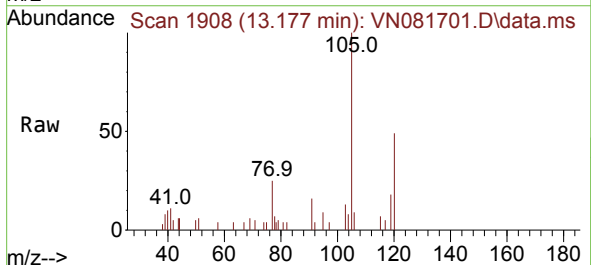
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

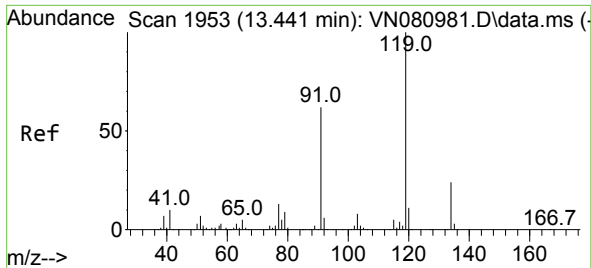
Tgt Ion: 91 Resp: 6496
Ion Ratio Lower Upper
91 100
126 3.8 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 0.629 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 105 Resp: 7924
Ion Ratio Lower Upper
105 100
120 47.0 0.0 95.8

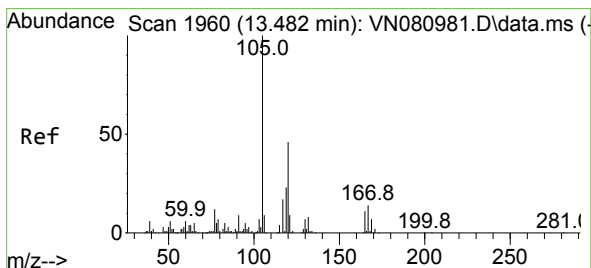
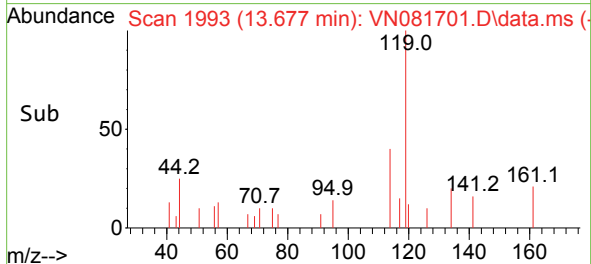
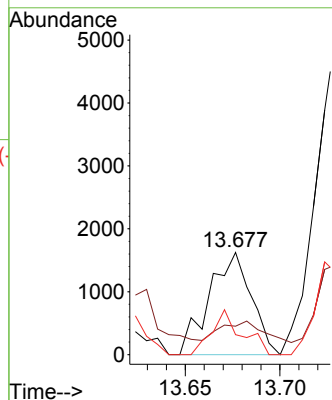
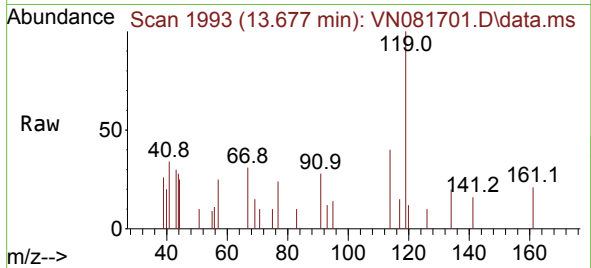




#79
tert-butylbenzene
Concen: 0.235 ug/l
RT: 13.677 min Scan# 1993
Delta R.T. 0.236 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

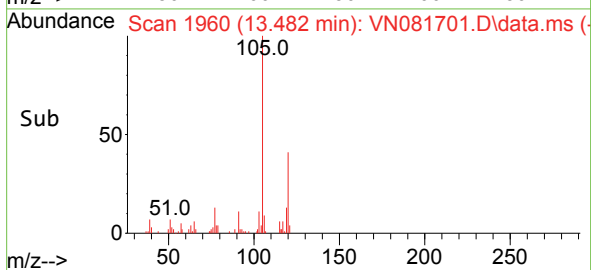
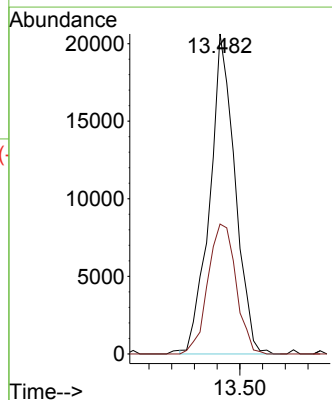
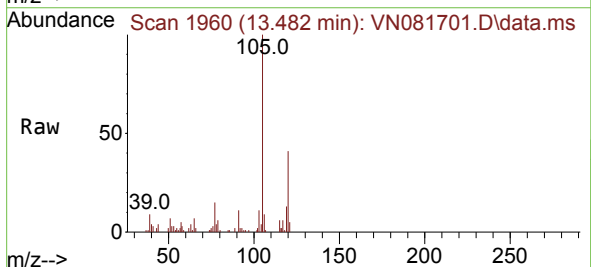
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

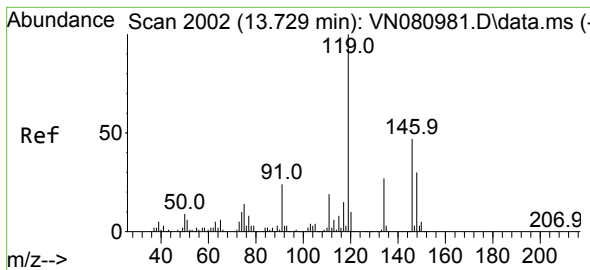
Tgt Ion:119 Resp: 2520
Ion Ratio Lower Upper
119 100
91 20.3 0.0 138.8
134 4.7 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 2.536 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion:105 Resp: 31847
Ion Ratio Lower Upper
105 100
120 45.2 0.0 86.8





#82

p-Isopropyltoluene

Concen: 0.635 ug/l

RT: 13.730 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081701.D

Acq: 11 Apr 2024 17:02

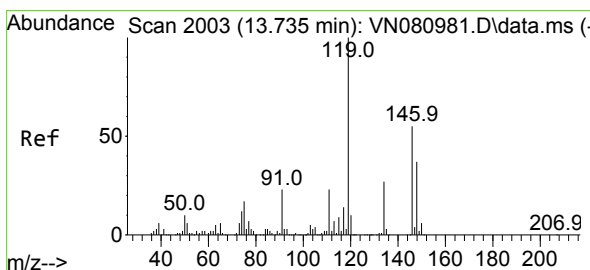
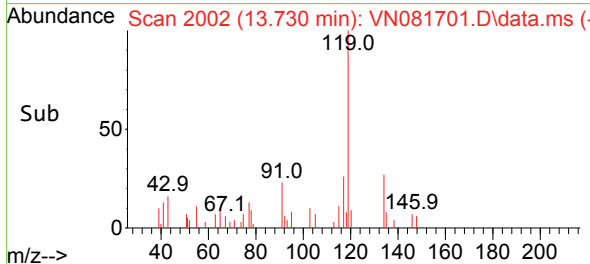
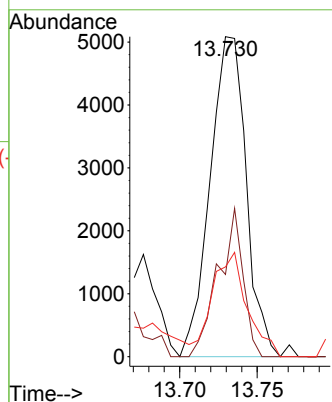
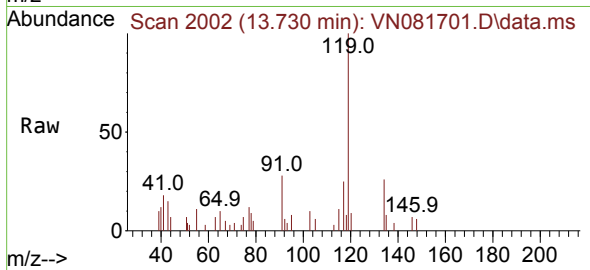
Instrument :

MSVOA_N

ClientSampleId :

240410075-02-VOA

Tgt Ion:119	Resp:	8225
Ion Ratio	Lower	Upper
119	100	
134	32.0	0.0 49.2
91	31.6	0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 8.514 ug/l

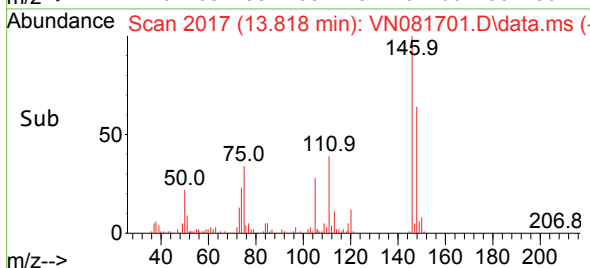
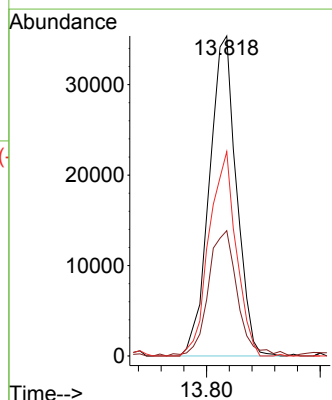
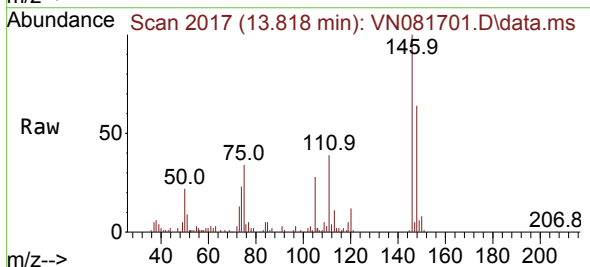
RT: 13.818 min Scan# 2017

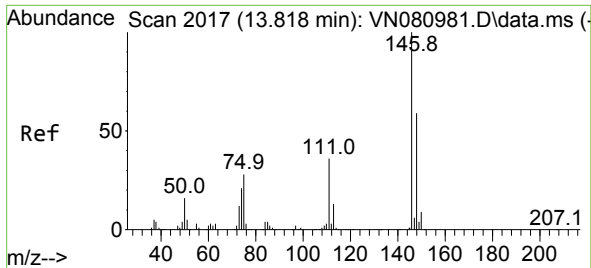
Delta R.T. 0.083 min

Lab File: VN081701.D

Acq: 11 Apr 2024 17:02

Tgt Ion:146	Resp:	58499
Ion Ratio	Lower	Upper
146	100	
111	41.7	22.4 67.0
148	63.6	32.1 96.5

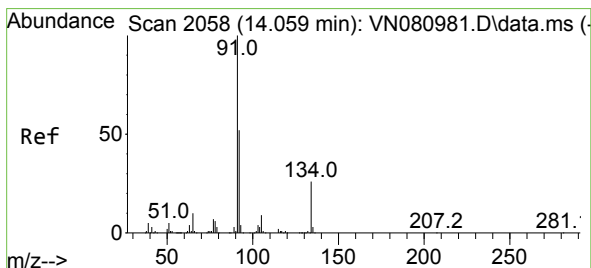
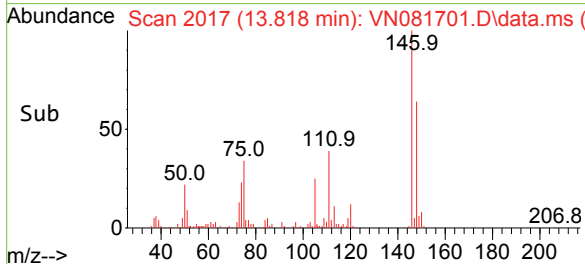
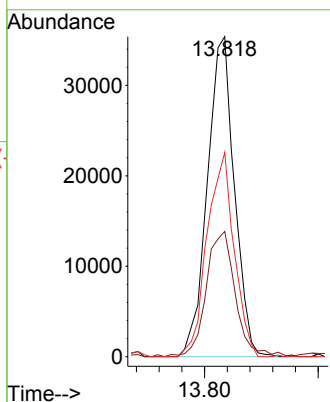
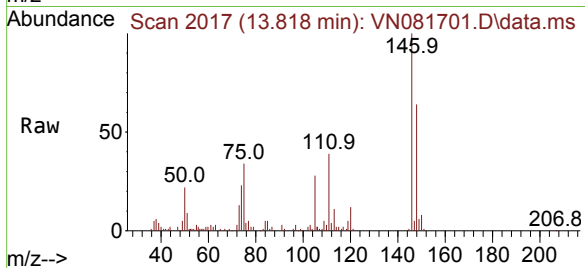




#84
1,4-Dichlorobenzene
Concen: 8.796 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

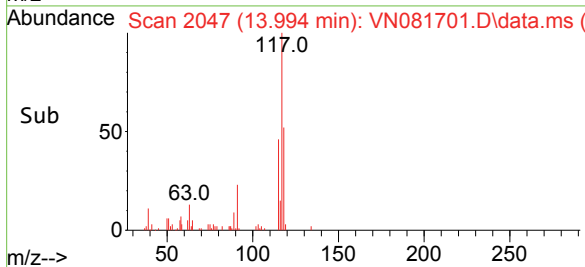
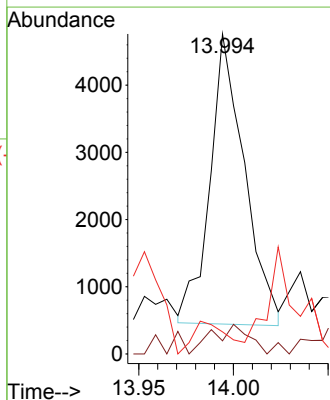
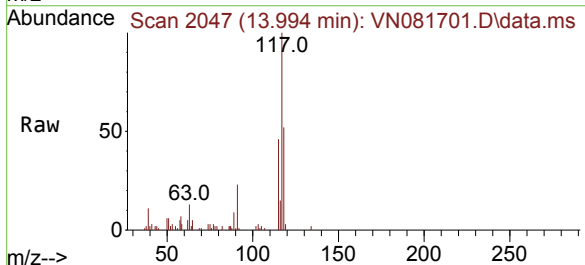
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

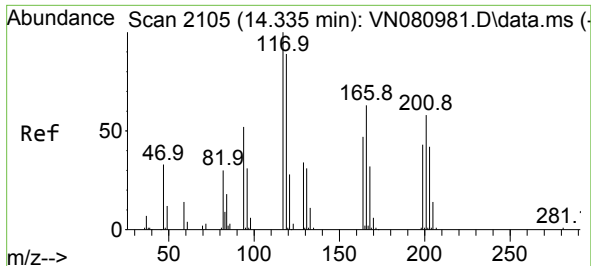
Tgt Ion:	146	Resp:	58499
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.3	63.9
148	63.6	31.9	95.5



#85
n-Butylbenzene
Concen: 0.501 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.064 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion:	91	Resp:	5470
Ion Ratio	Lower	Upper	
91	100		
92	7.1	0.0	105.0
134	25.2	0.0	51.8

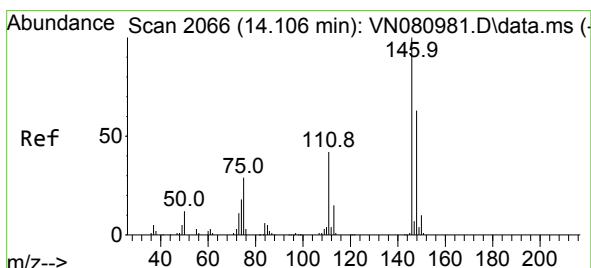
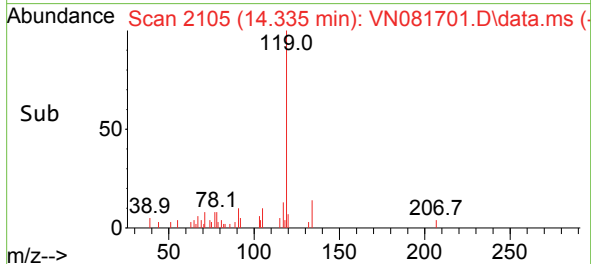
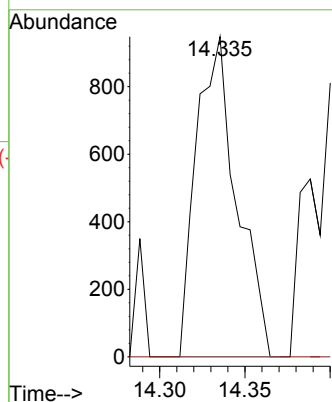
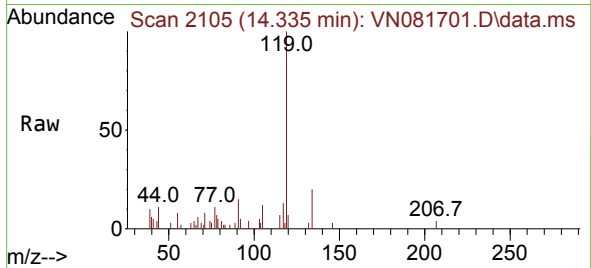




#86
Hexachloroethane
Concen: 0.632 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

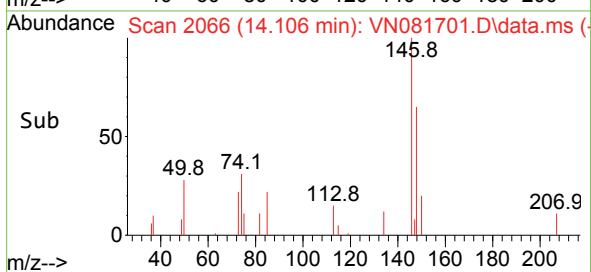
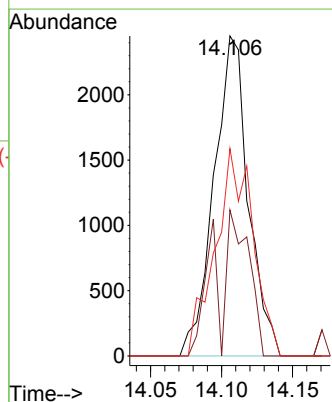
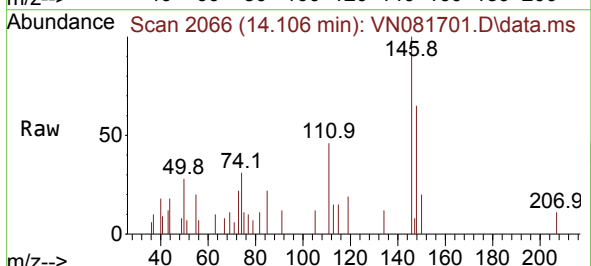
Instrument :
MSVOA_N
ClientSampleId :
240410075-02-VOA

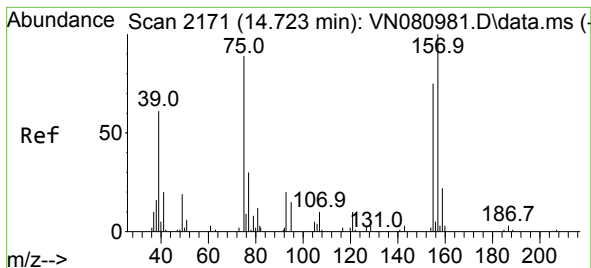
Tgt Ion:117 Resp: 1565
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.0#



#87
1,2-Dichlorobenzene
Concen: 0.630 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081701.D
Acq: 11 Apr 2024 17:02

Tgt Ion:146 Resp: 4121
Ion Ratio Lower Upper
146 100
111 29.1 22.6 67.8
148 70.8 31.3 93.8





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.207 ug/l

RT: 14.447 min Scan# 2171

Delta R.T. -0.276 min

Lab File: VN081701.D

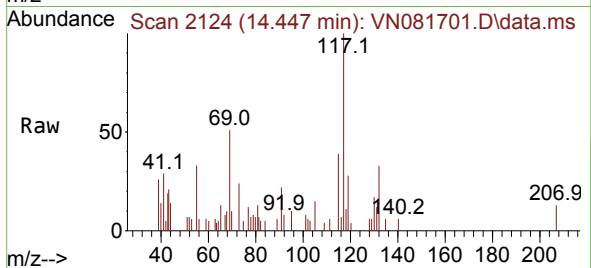
Acq: 11 Apr 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

240410075-02-VOA



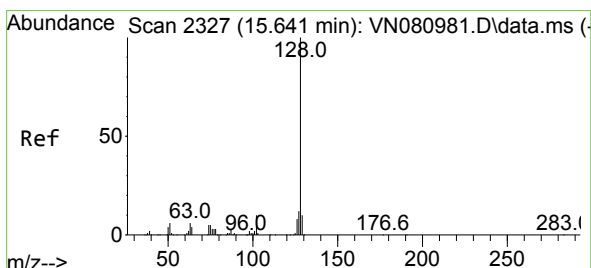
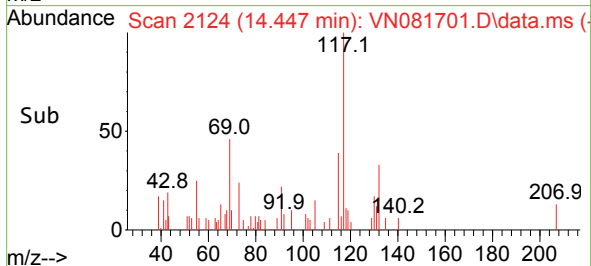
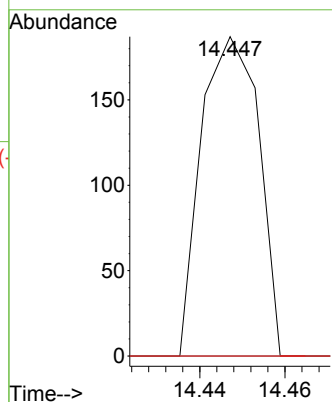
Tgt Ion: 75 Resp: 175

Ion Ratio Lower Upper

75 100

155 0.0 61.7 92.5#

157 0.0 83.6 125.4#



#91

Naphthalene

Concen: 8.753 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081701.D

Acq: 11 Apr 2024 17:02

Tgt Ion:128 Resp: 100869

Ion Ratio Lower Upper

128 100

127 14.6 10.6 16.0

129 10.6 8.6 13.0

