

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081407.D
 Acq On : 14 Mar 2024 14:05
 Operator : JC\MD
 Sample : P1727-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240313044-02-VOA

Quant Time: Mar 15 01:12:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	330766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	580377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	510786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	246710	51.586	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.180%			
35) Dibromofluoromethane	8.171	113	183666	51.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	10.571	98	700823	52.724	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.853	95	228259	48.586	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.180%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.518	62	2600	0.526	ug/l #	87
8) Diethyl Ether	3.965	74	9376	3.641	ug/l	95
11) Tert butyl alcohol	5.512	59	5222180	6244.694	ug/l	99
13) Acrolein	4.177	56	548	0.553	ug/l #	72
14) Allyl chloride	4.941	41	42923	7.503	ug/l #	39
15) Acrylonitrile	5.524	53	50955	23.324	ug/l #	19
16) Acetone	4.424	43	26886	15.867	ug/l	100
17) Carbon Disulfide	4.712	76	4056	0.369	ug/l #	66
19) Methyl tert-butyl Ether	5.794	73	57283	4.382	ug/l	96
20) Methylene Chloride	5.277	84	153	Below Cal	#	4
25) 2-Butanone	7.435	43	181898	64.100	ug/l #	80
26) 2,2-Dichloropropane	7.430	77	249414	36.283	ug/l #	53
27) cis-1,2-Dichloroethene	7.482	96	3035	0.616	ug/l #	1
28) Bromochloromethane	7.830	49	3730	1.121	ug/l #	26
29) Tetrahydrofuran	7.841	42	1307238	675.566	ug/l #	88
31) Cyclohexane	8.224	56	9740	1.345	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	34181	5.958	ug/l #	51
37) Ethyl Acetate	7.547	43	13525	2.412	ug/l #	70
38) Carbon Tetrachloride	8.230	117	38104	6.600	ug/l #	19
40) Benzene	8.606	78	90774	5.301	ug/l	95
41) Methacrylonitrile	7.835	41	760256	240.073	ug/l #	47
42) 1,2-Dichloroethane	8.671	62	2075	0.344	ug/l	90
43) Isopropyl Acetate	8.712	43	8496	0.866	ug/l #	69
45) 1,2-Dichloropropane	9.618	63	1051	0.244	ug/l	98
48) Methyl methacrylate	9.624	41	1442	0.332	ug/l #	35
49) 1,4-Dioxane	9.700	88	8152	85.250	ug/l #	86
51) 4-Methyl-2-Pentanone	10.512	43	2098	0.368	ug/l	94
52) Toluene	10.629	92	25625	2.477	ug/l	90
59) 2-Hexanone	11.059	43	27934	6.556	ug/l	73
65) Chlorobenzene	11.894	112	35662	3.313	ug/l	95
67) Ethyl Benzene	11.965	91	78797	4.064	ug/l	99
68) m/p-Xylenes	12.070	106	61420	8.417	ug/l	100
69) o-Xylene	12.400	106	37466	5.298	ug/l	99
70) Styrene	12.406	104	6719	0.600	ug/l #	17
71) Bromoform	12.847	173	783	0.286	ug/l #	1
73) Isopropylbenzene	12.694	105	10584	0.647	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081407.D
 Acq On : 14 Mar 2024 14:05
 Operator : JC\MD
 Sample : P1727-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240313044-02-VOA

Quant Time: Mar 15 01:12:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

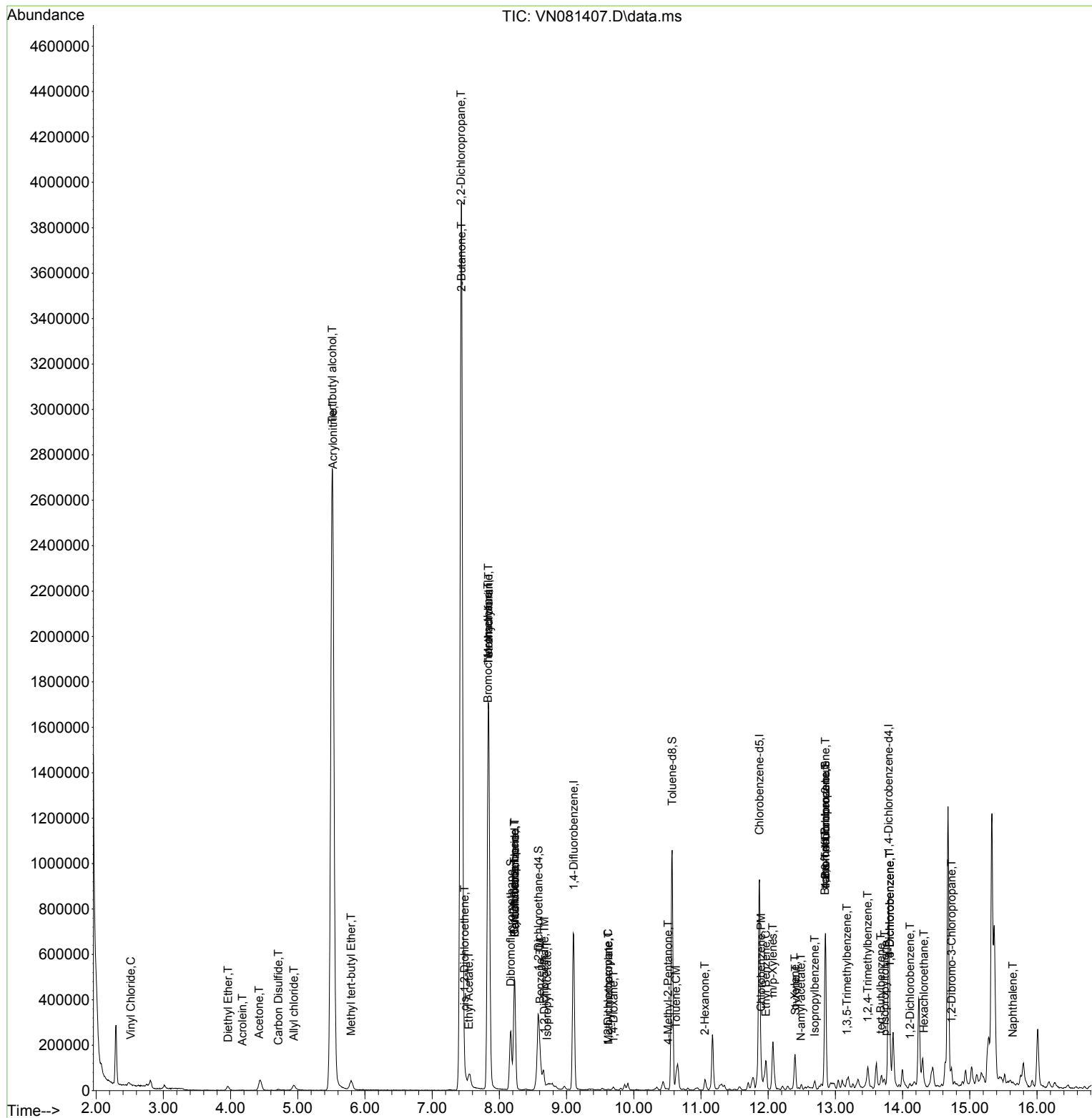
74) N-amyl acetate	12.488	43	2381	0.347	ug/l #	26
76) 1,2,3-Trichloropropane	12.853	75	130507	27.282	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.170	105	11264	0.833	ug/l	78
81) trans-1,4-Dichloro-2-b...	12.853	75	130507	76.140	ug/l #	14
83) tert-Butylbenzene	13.676	119	3035	0.262	ug/l	83
84) 1,2,4-Trimethylbenzene	13.482	105	45419	3.316	ug/l	89
86) p-Isopropyltoluene	13.735	119	13403	0.997	ug/l	94
87) 1,3-Dichlorobenzene	13.812	146	32674	4.463	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	32674	4.465	ug/l	95
90) Hexachloroethane	14.317	117	880	0.374	ug/l #	21
91) 1,2-Dichlorobenzene	14.111	146	2105	0.300	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.729	75	489	0.453	ug/l #	13
95) Naphthalene	15.641	128	7860	0.588	ug/l #	94

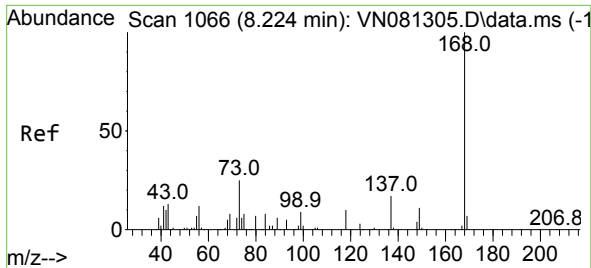
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
Data File : VN081407.D
Acq On : 14 Mar 2024 14:05
Operator : JC\MD
Sample : P1727-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

Quant Time: Mar 15 01:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

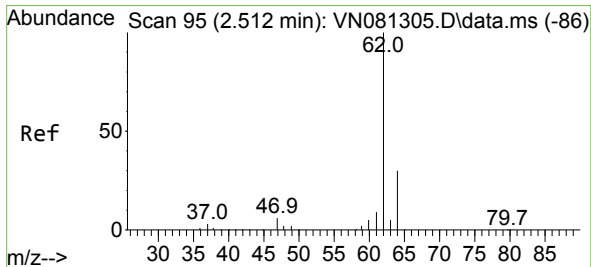
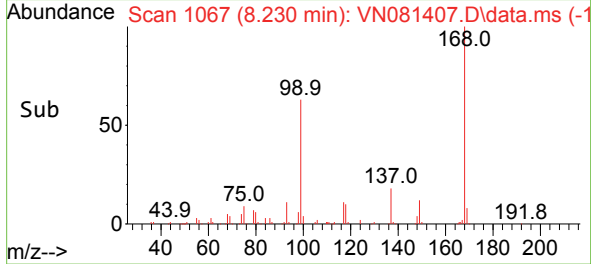
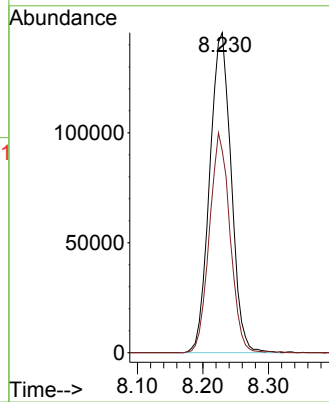
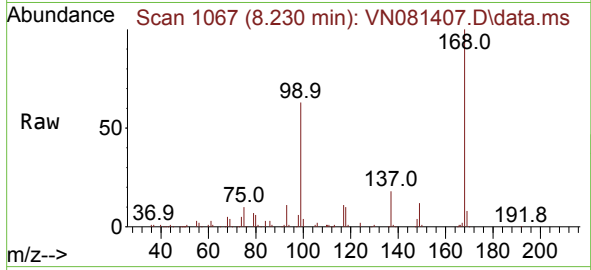




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

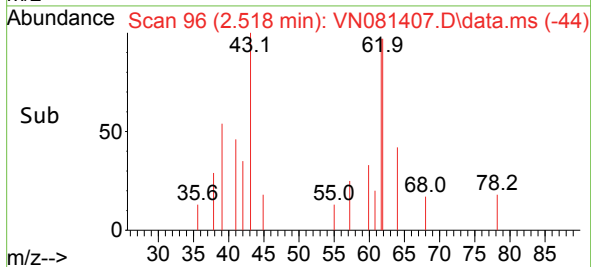
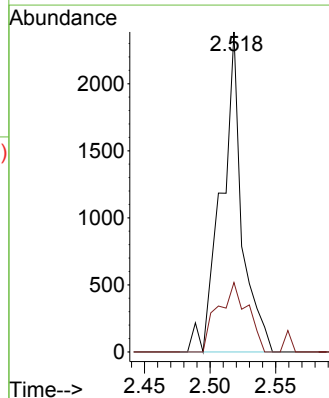
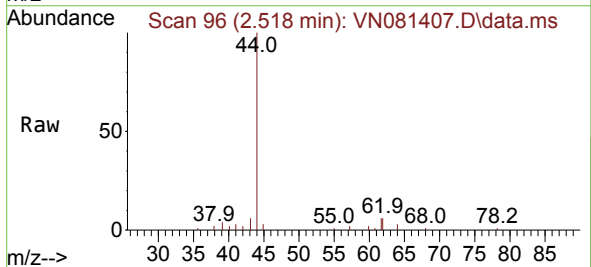
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

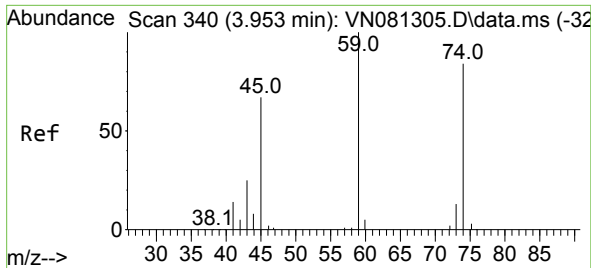
Tgt Ion:168 Resp: 330766
Ion Ratio Lower Upper
168 100
99 63.0 59.9 89.9



#4
Vinyl Chloride
Concen: 0.526 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 62 Resp: 2600
Ion Ratio Lower Upper
62 100
64 21.7 22.7 34.1#





#8

Diethyl Ether

Concen: 3.641 ug/l

RT: 3.965 min Scan# 34

Delta R.T. 0.012 min

Lab File: VN081407.D

Acq: 14 Mar 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

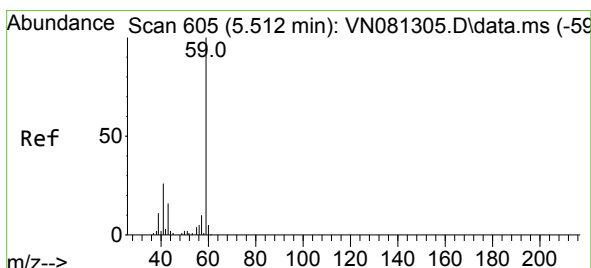
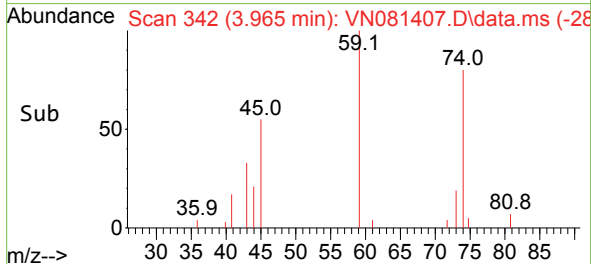
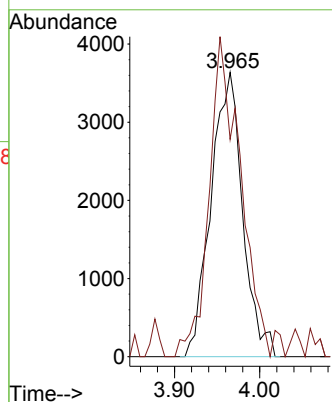
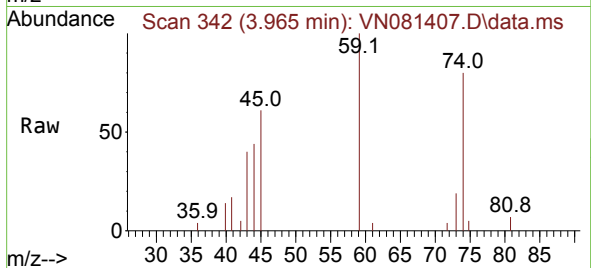
240313044-02-VOA

Tgt Ion: 74 Resp: 9376

Ion Ratio Lower Upper

74 100

45 111.3 53.3 159.9



#11

Tert butyl alcohol

Concen: 6244.694 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.000 min

Lab File: VN081407.D

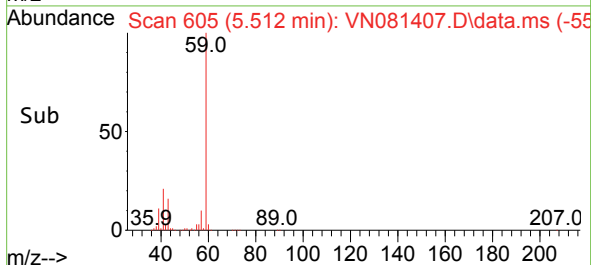
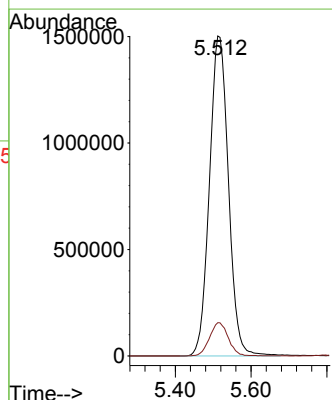
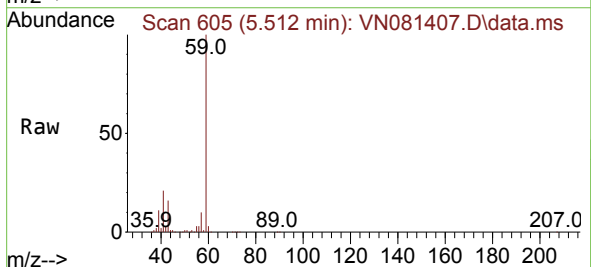
Acq: 14 Mar 2024 14:05

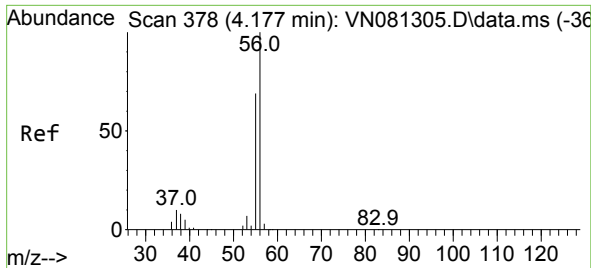
Tgt Ion: 59 Resp: 5222180

Ion Ratio Lower Upper

59 100

57 10.3 8.6 12.8





#13

Acrolein

Concen: 0.553 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081407.D

Acq: 14 Mar 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

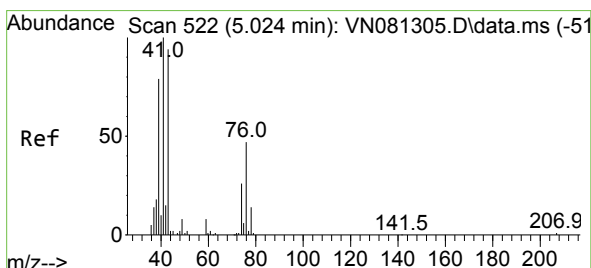
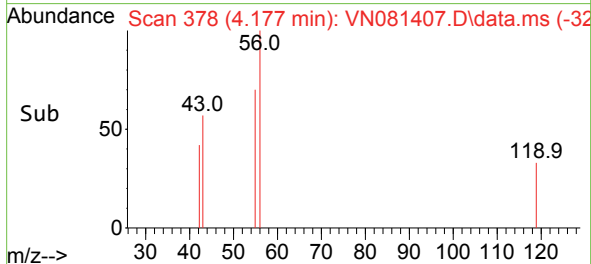
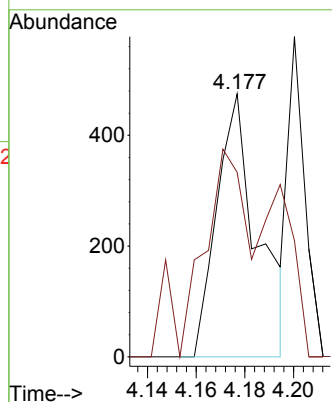
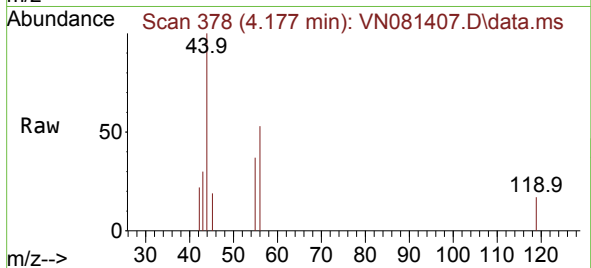
240313044-02-VOA

Tgt Ion: 56 Resp: 548

Ion Ratio Lower Upper

56 100

55 91.8 55.3 82.9#



#14

Allyl chloride

Concen: 7.503 ug/l

RT: 4.941 min Scan# 508

Delta R.T. -0.082 min

Lab File: VN081407.D

Acq: 14 Mar 2024 14:05

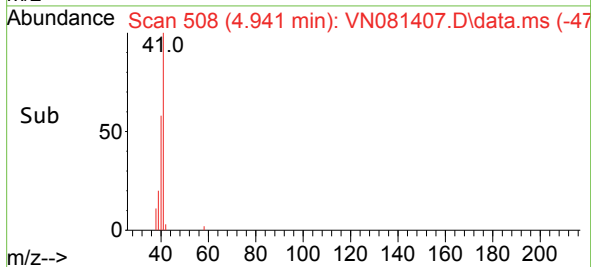
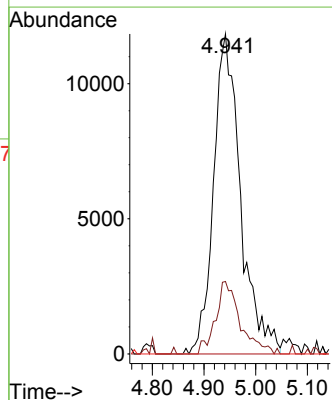
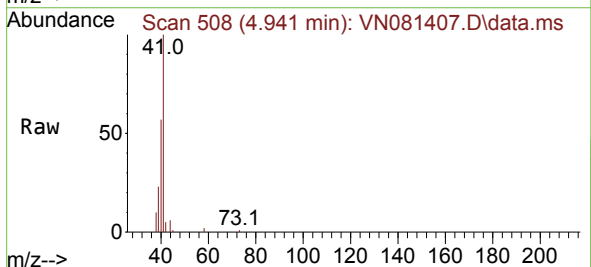
Tgt Ion: 41 Resp: 42923

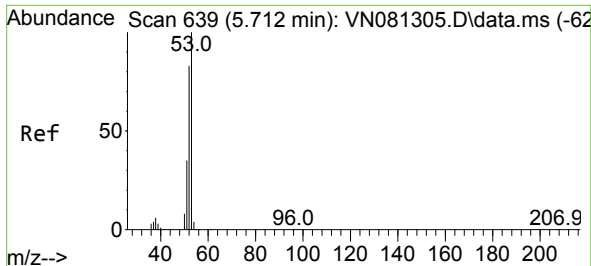
Ion Ratio Lower Upper

41 100

39 20.9 57.7 86.5#

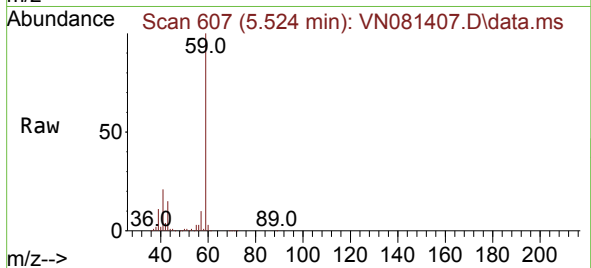
76 0.0 26.8 40.2#



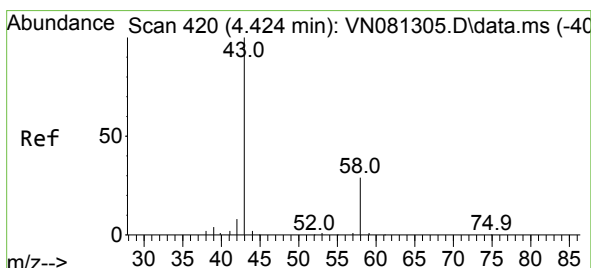
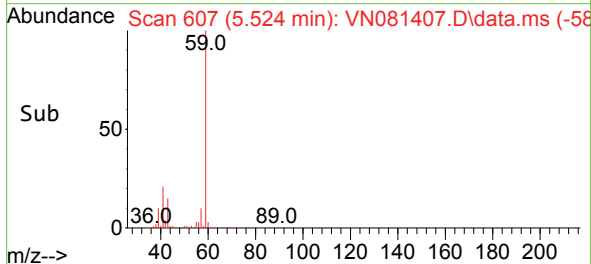
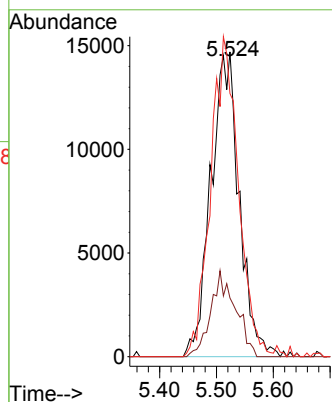


#15
Acrylonitrile
Concen: 23.324 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.188 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

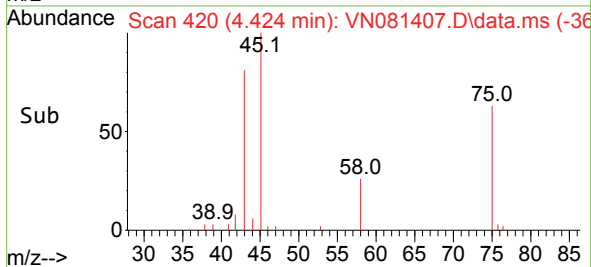
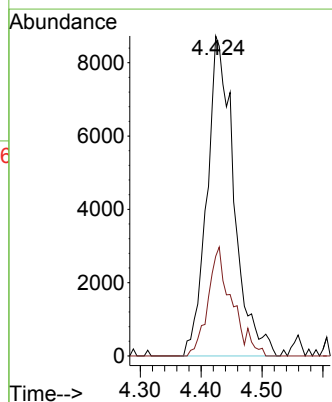
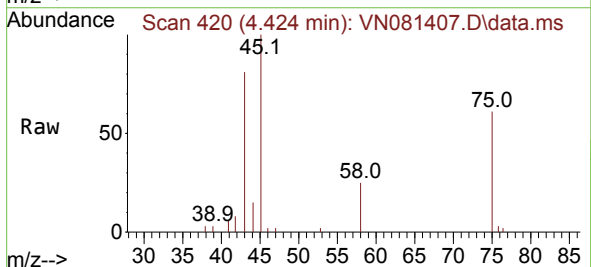


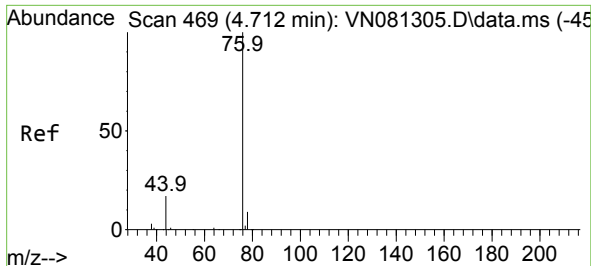
Tgt Ion: 53 Resp: 50955
Ion Ratio Lower Upper
53 100
52 24.5 64.8 97.2#
51 102.9 26.9 40.3#



#16
Acetone
Concen: 15.867 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 43 Resp: 26886
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2

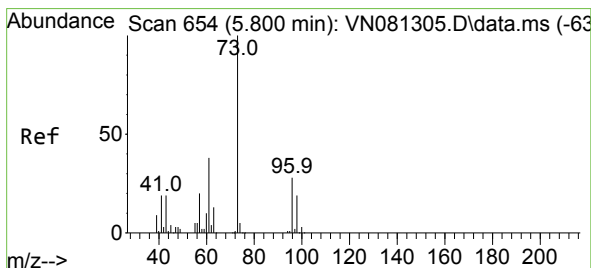
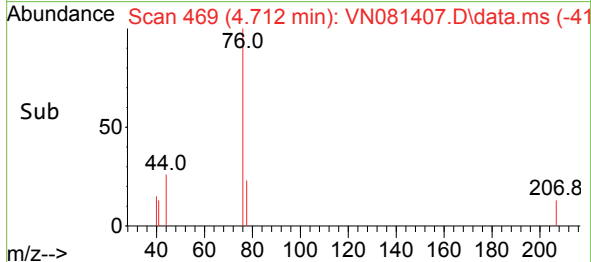
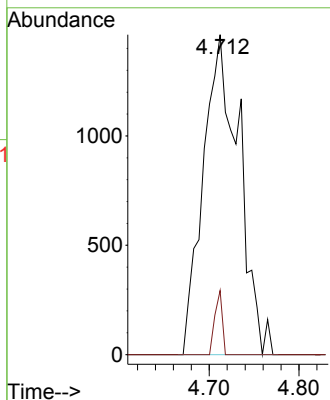
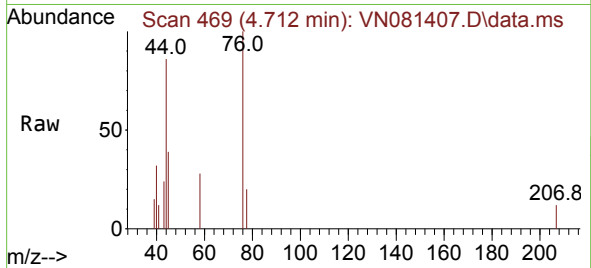




#17
Carbon Disulfide
Concen: 0.369 ug/l
RT: 4.712 min Scan# 4056
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

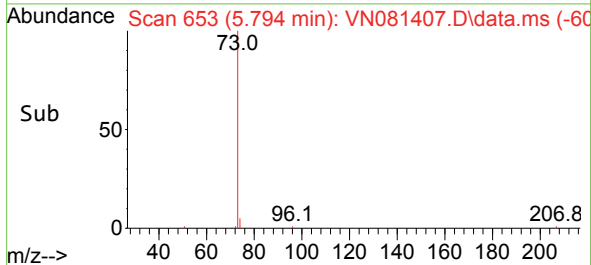
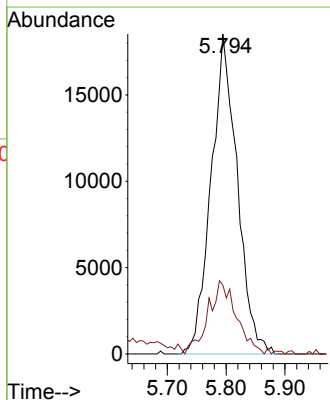
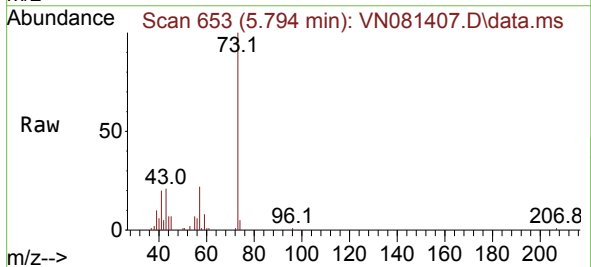
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

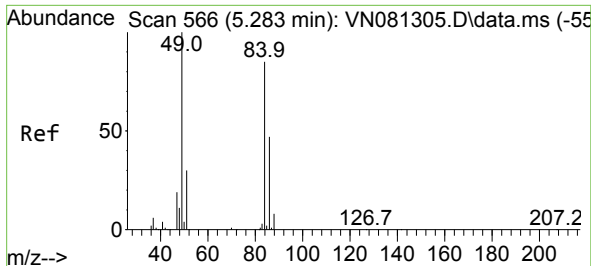
Tgt Ion: 76 Resp: 4056
Ion Ratio Lower Upper
76 100
78 20.0 6.3 9.5#



#19
Methyl tert-butyl Ether
Concen: 4.382 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 73 Resp: 57283
Ion Ratio Lower Upper
73 100
57 20.7 18.2 27.4

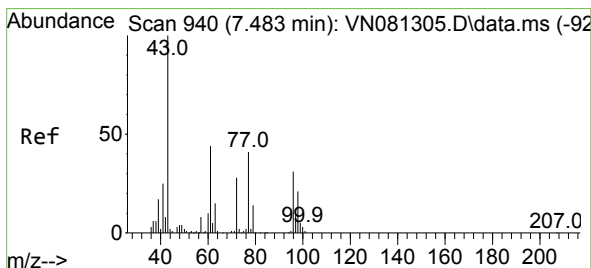
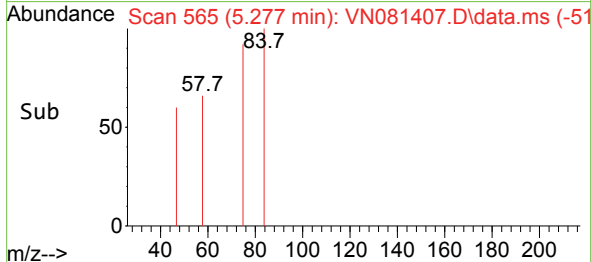
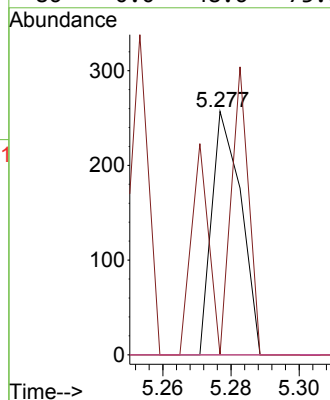
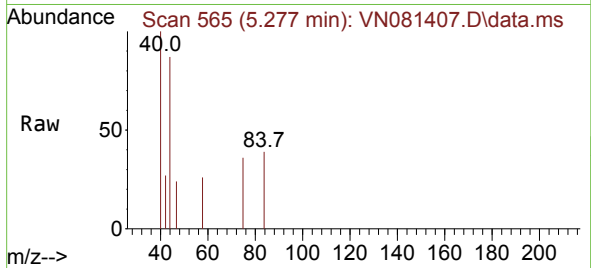




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

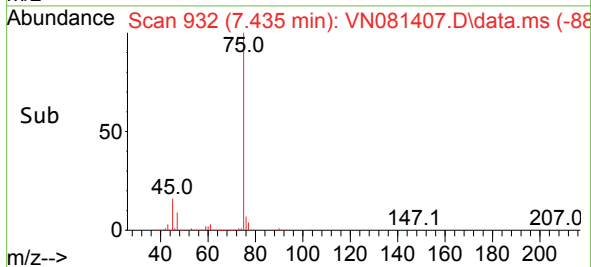
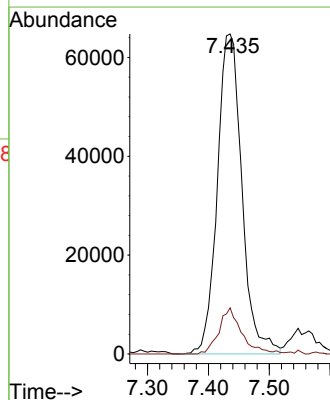
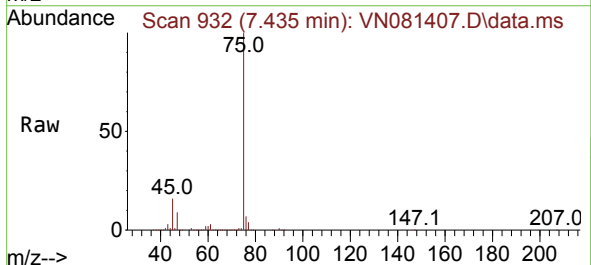
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

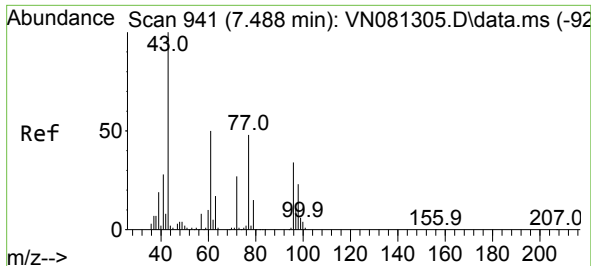
Tgt Ion:	84	Resp:	153
Ion	Ratio	Lower	Upper
84	100		
49	0.0	108.1	162.1#
51	0.0	32.9	49.3#
86	0.0	48.6	73.0#



#25
2-Butanone
Concen: 64.100 ug/l
RT: 7.435 min Scan# 932
Delta R.T. -0.047 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion:	43	Resp:	181898
Ion	Ratio	Lower	Upper
43	100		
72	14.4	19.5	29.3#

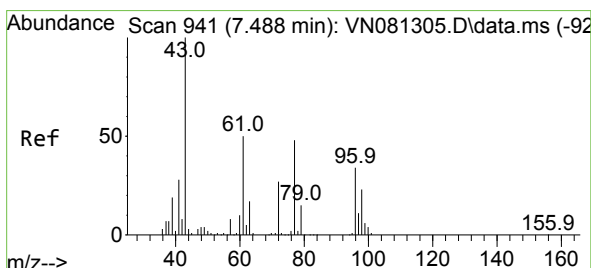
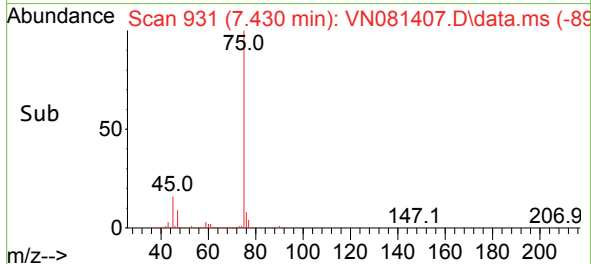
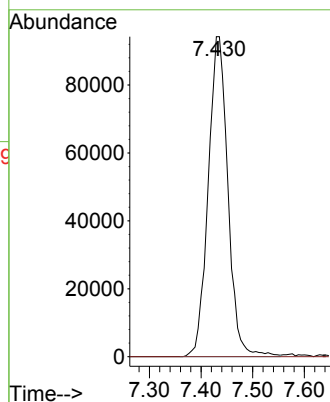
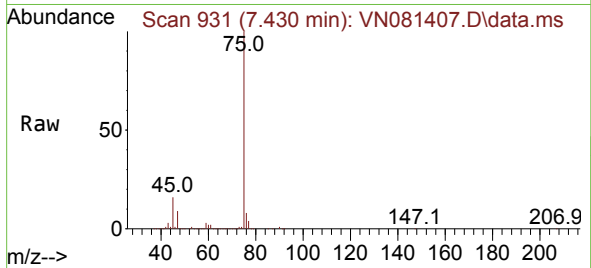




#26
2,2-Dichloropropane
Concen: 36.283 ug/l
RT: 7.430 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

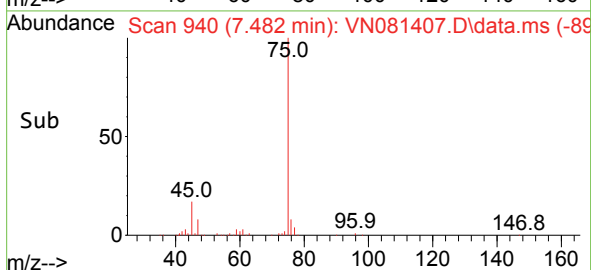
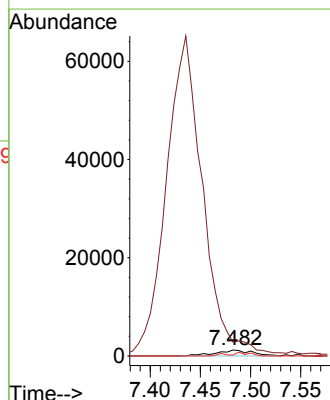
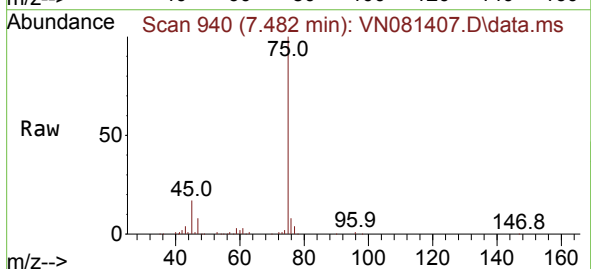
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

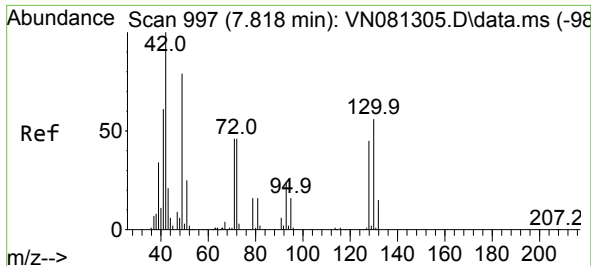
Tgt Ion: 77 Resp: 249414
Ion Ratio Lower Upper
77 100
97 0.0 11.5 34.5#



#27
cis-1,2-Dichloroethene
Concen: 0.616 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

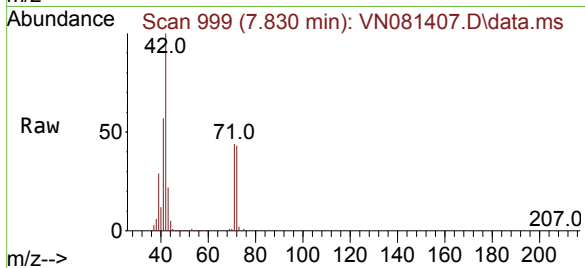
Tgt Ion: 96 Resp: 3035
Ion Ratio Lower Upper
96 100
61 0.0 0.0 325.4
98 21.6 0.0 130.4



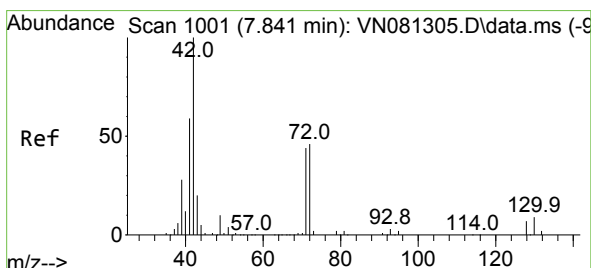
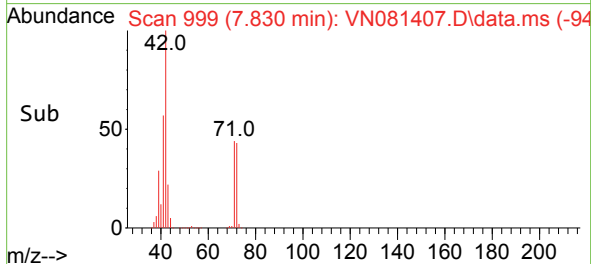
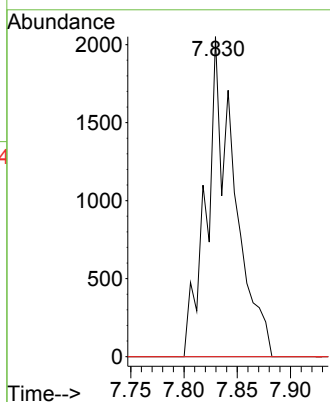


#28
Bromochloromethane
Concen: 1.121 ug/l
RT: 7.830 min Scan# 997
Delta R.T. 0.012 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

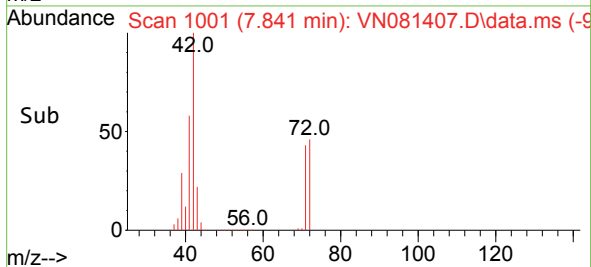
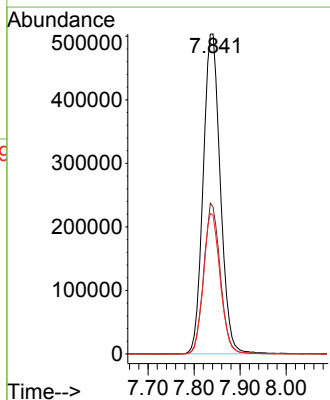
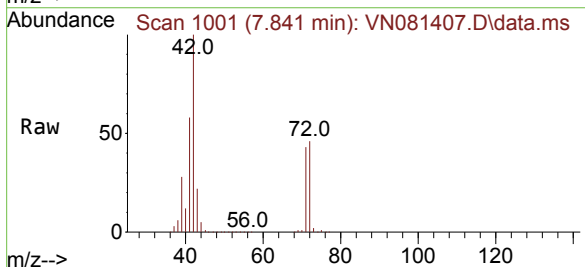


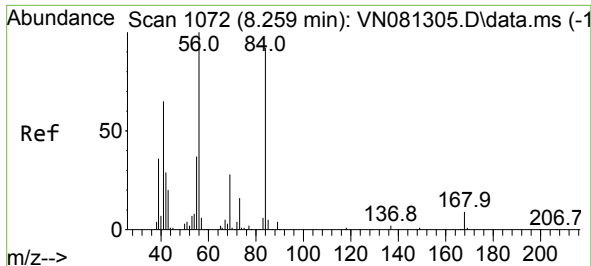
Tgt Ion: 49 Resp: 3730
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 0.0 42.3 63.5#



#29
Tetrahydrofuran
Concen: 675.566 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

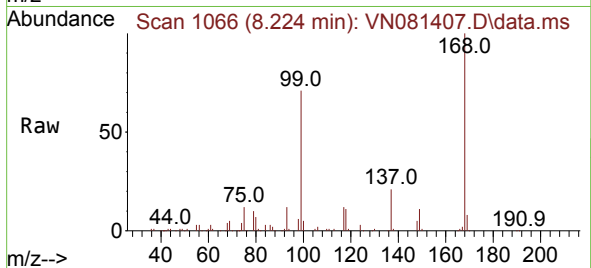
Tgt Ion: 42 Resp: 1307238
Ion Ratio Lower Upper
42 100
72 45.4 31.1 46.7
71 43.1 28.3 42.5#



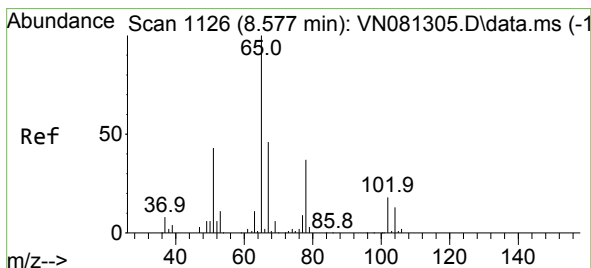
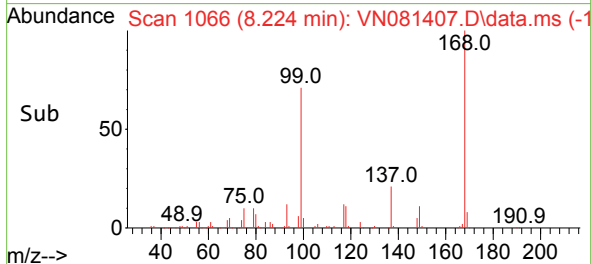
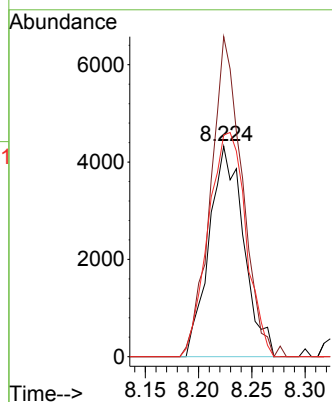


#31
Cyclohexane
Concen: 1.345 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

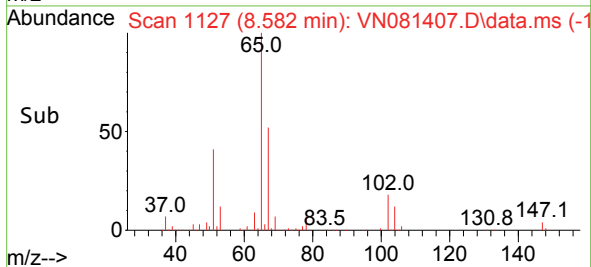
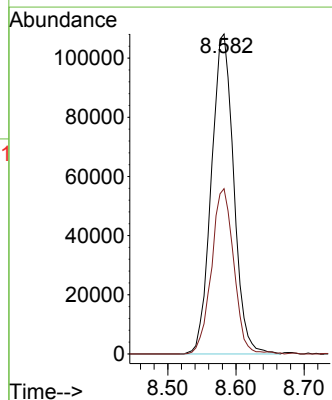
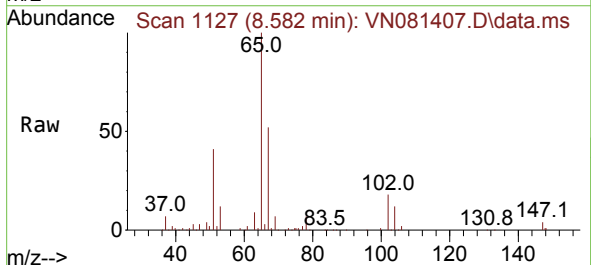


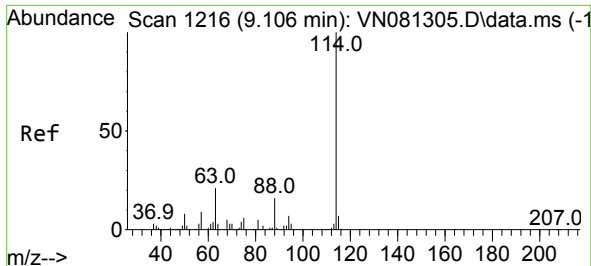
Tgt Ion: 56 Resp: 9740
Ion Ratio Lower Upper
56 100
69 152.1 20.1 30.1#
84 105.4 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.586 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 65 Resp: 246710
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

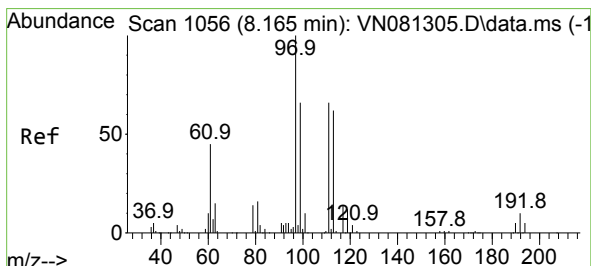
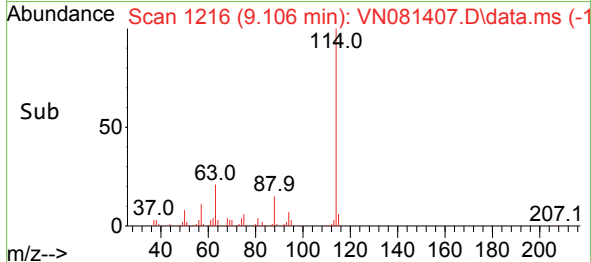
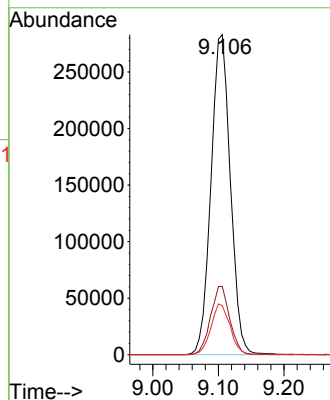
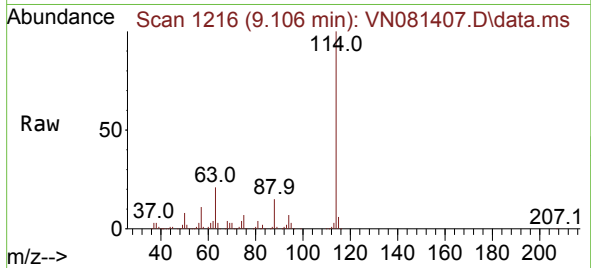




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

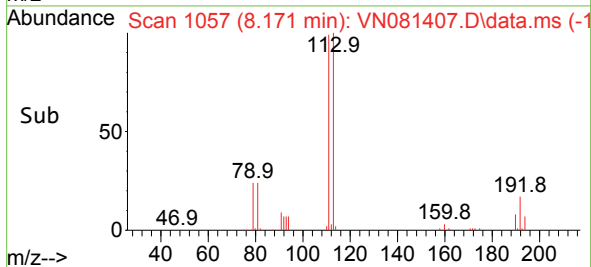
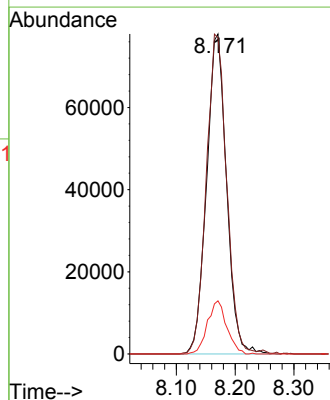
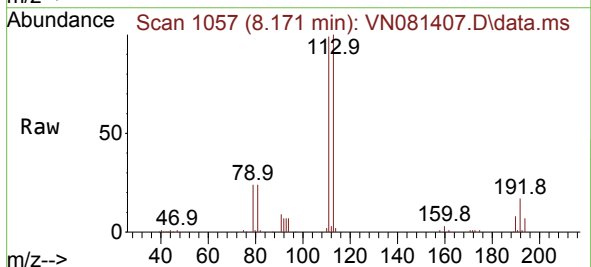
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

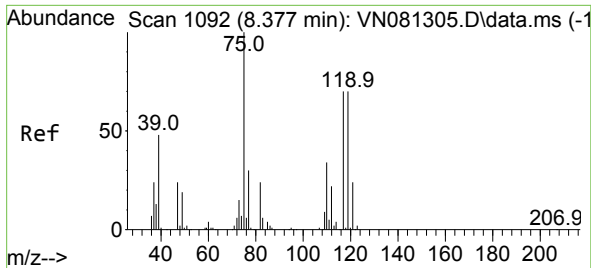
Tgt Ion:114 Resp: 580377
Ion Ratio Lower Upper
114 100
63 21.4 0.0 48.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.653 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion:113 Resp: 183666
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 16.0 12.5 18.7

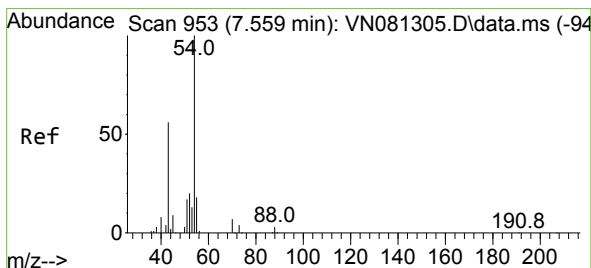
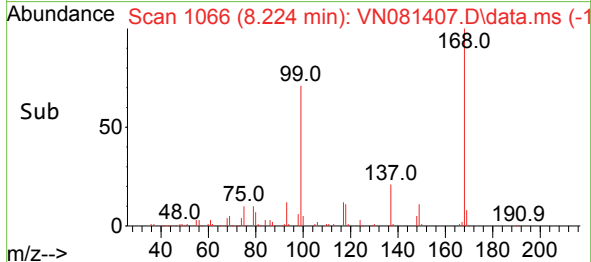
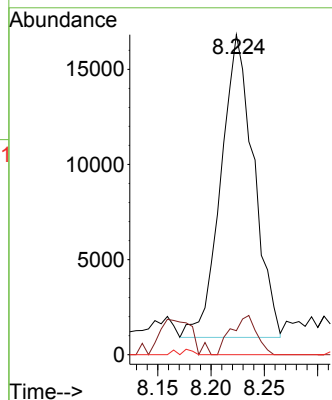
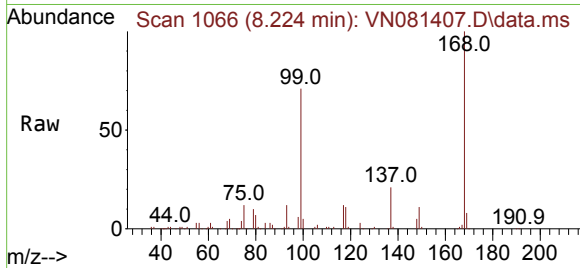




#36
1,1-Dichloropropene
Concen: 5.958 ug/l
RT: 8.224 min Scan# 1092
Delta R.T. -0.153 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

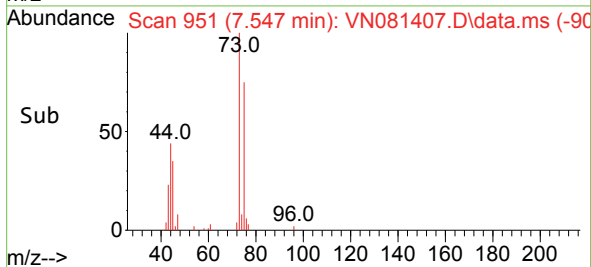
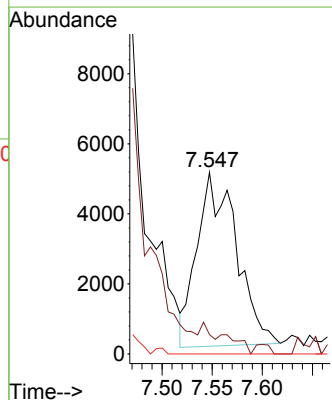
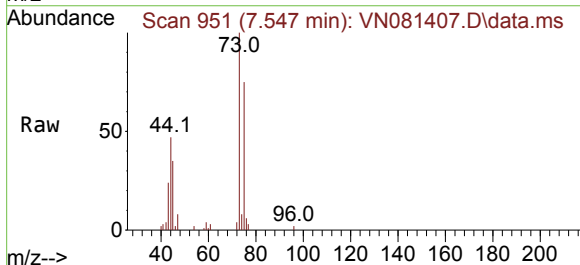
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

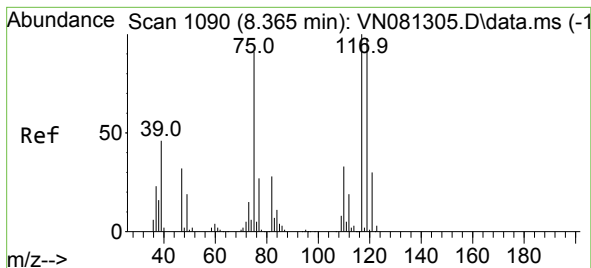
Tgt Ion: 75 Resp: 34181
Ion Ratio Lower Upper
75 100
110 10.0 16.0 48.0#
77 0.0 25.8 38.6#



#37
Ethyl Acetate
Concen: 2.412 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.012 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 43 Resp: 13525
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 6.600 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN081407.D

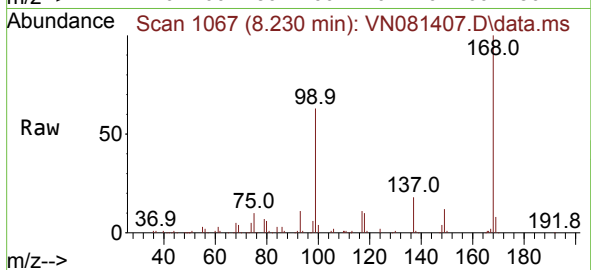
Acq: 14 Mar 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

240313044-02-VOA



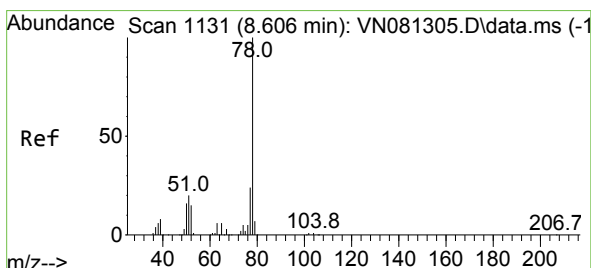
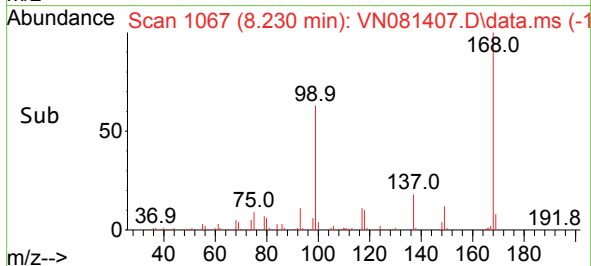
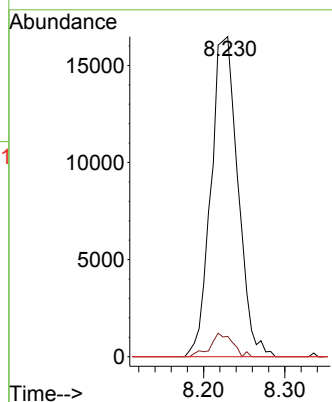
Tgt Ion:117 Resp: 38104

Ion Ratio Lower Upper

117 100

119 6.4 73.4 110.2#

121 0.0 24.4 36.6#



#40

Benzene

Concen: 5.301 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081407.D

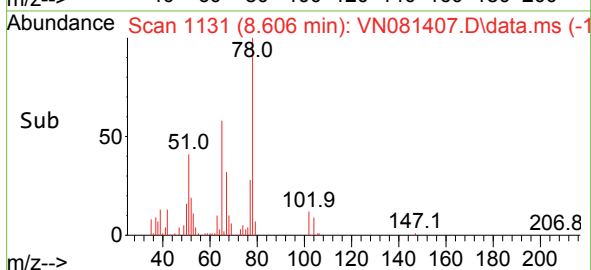
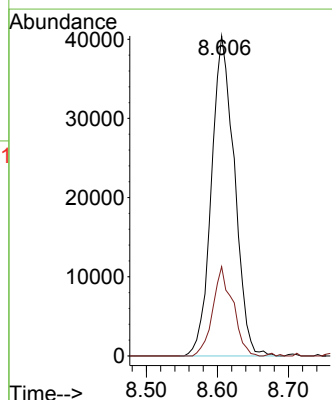
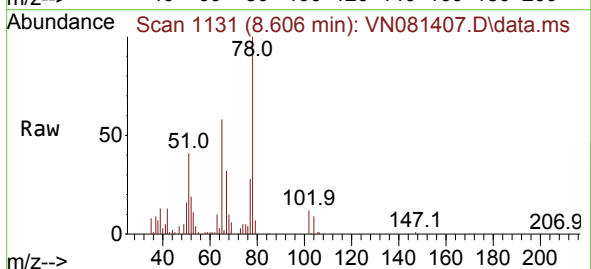
Acq: 14 Mar 2024 14:05

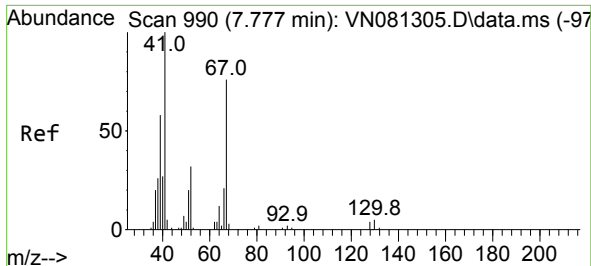
Tgt Ion: 78 Resp: 90774

Ion Ratio Lower Upper

78 100

77 27.9 20.4 30.6

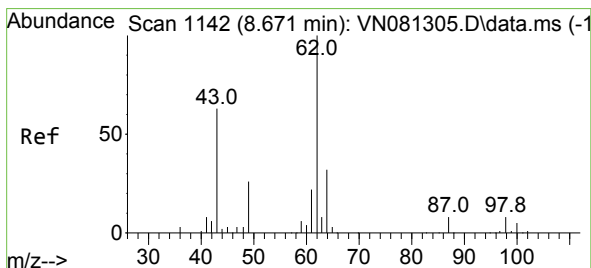
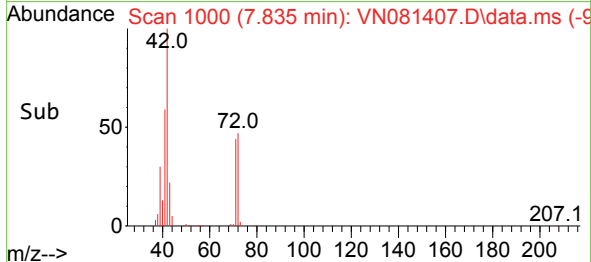
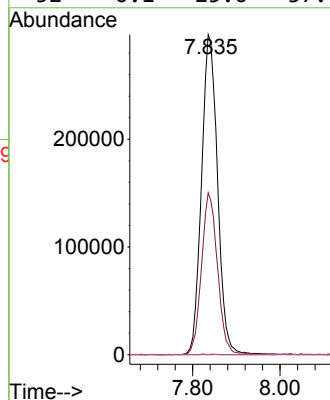
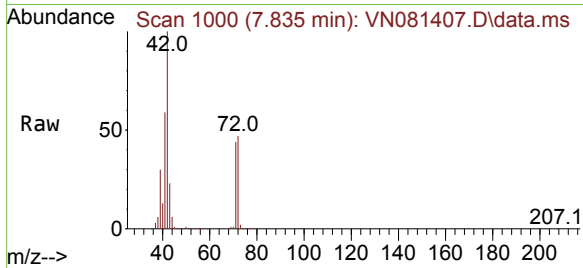




#41
Methacrylonitrile
Concen: 240.073 ug/l
RT: 7.835 min Scan# 1100
Delta R.T. 0.059 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

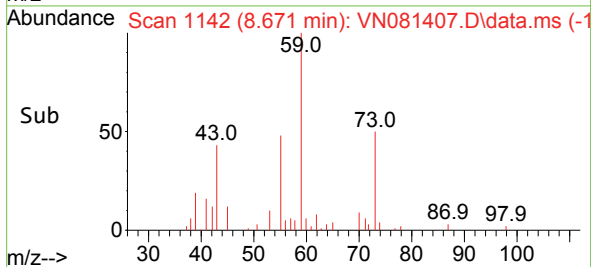
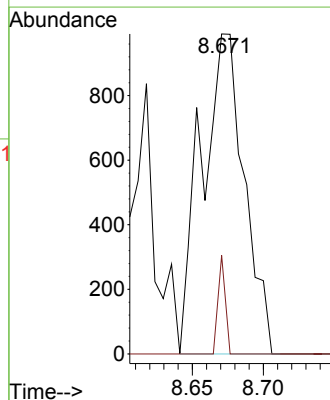
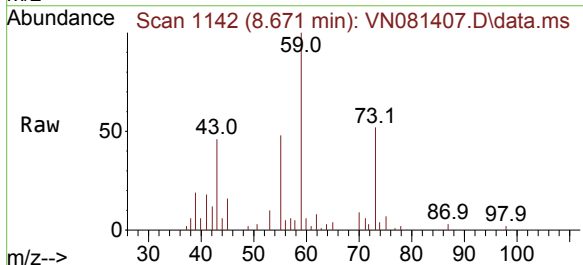
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

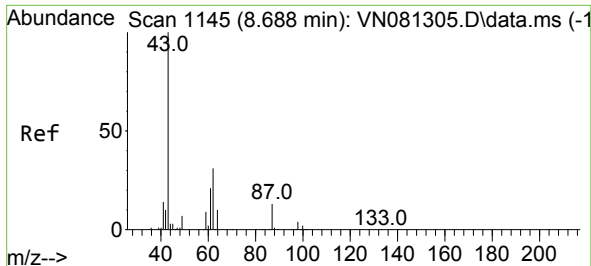
Tgt Ion: 41 Resp: 760256
Ion Ratio Lower Upper
41 100
39 50.4 48.4 72.6
67 0.0 56.8 85.2#
52 0.1 25.0 37.4#



#42
1,2-Dichloroethane
Concen: 0.344 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 62 Resp: 2075
Ion Ratio Lower Upper
62 100
98 5.2 0.0 18.0

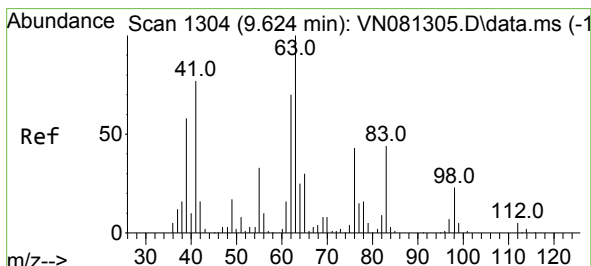
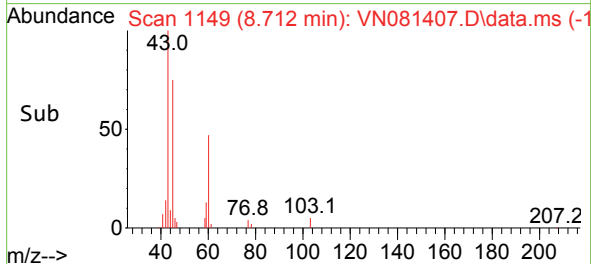
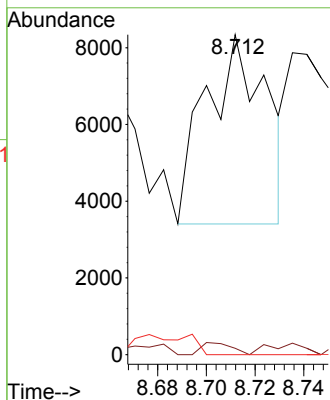
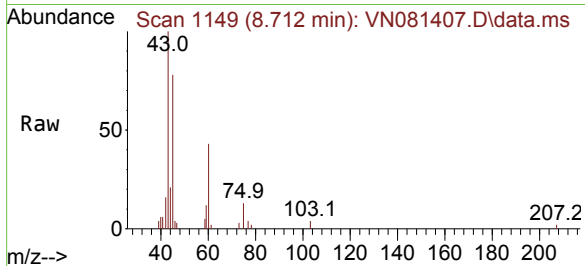




#43
Isopropyl Acetate
Concen: 0.866 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.023 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

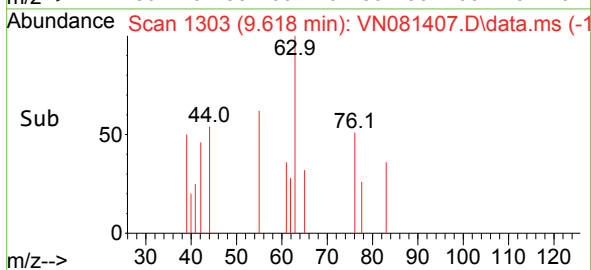
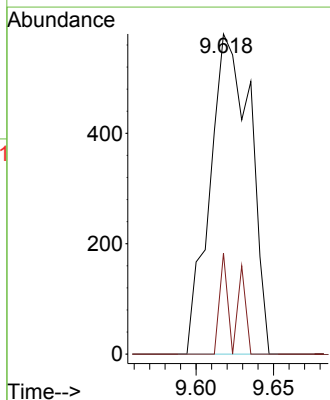
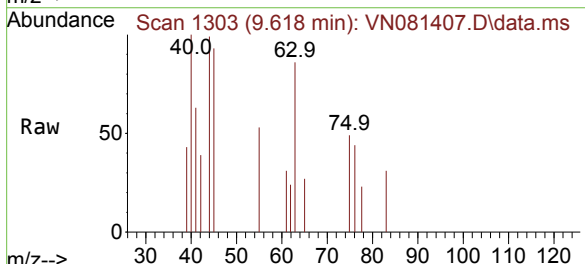
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

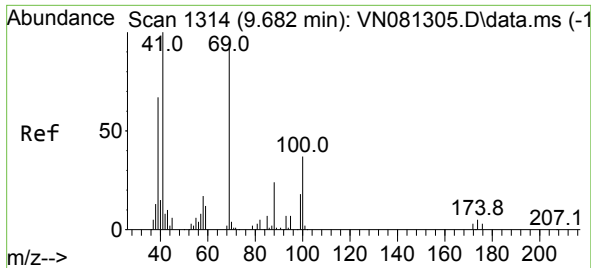
Tgt Ion: 43 Resp: 8496
Ion Ratio Lower Upper
43 100
61 3.2 19.9 29.9#
87 10.0 9.0 13.6



#45
1,2-Dichloropropane
Concen: 0.244 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 63 Resp: 1051
Ion Ratio Lower Upper
63 100
65 31.6 26.1 39.1

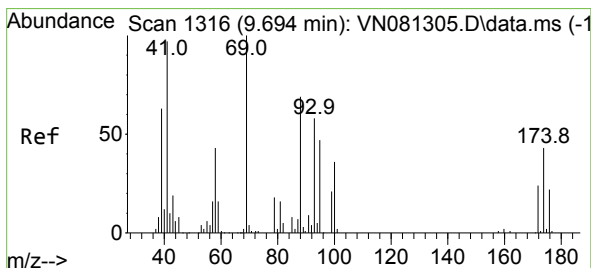
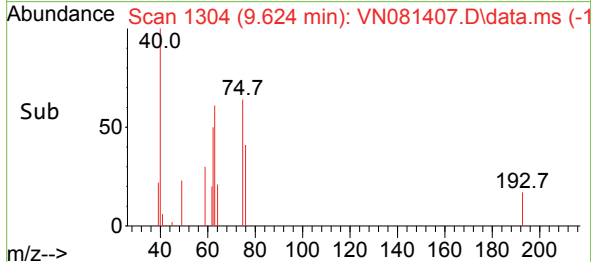
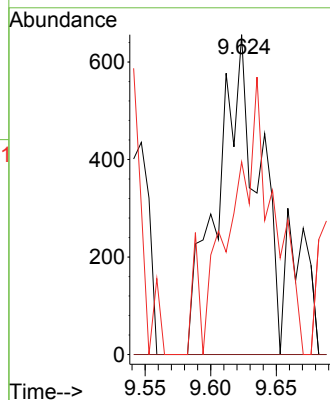
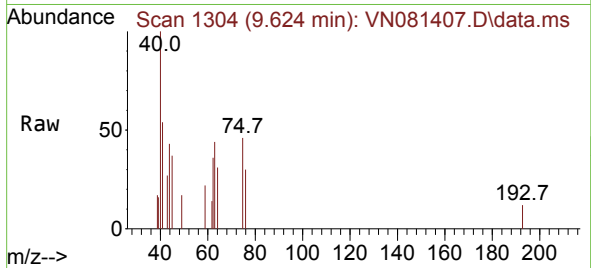




#48
Methyl methacrylate
Concen: 0.332 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

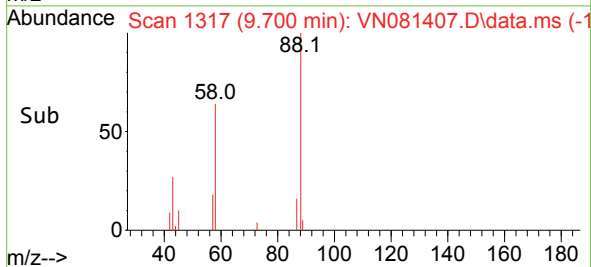
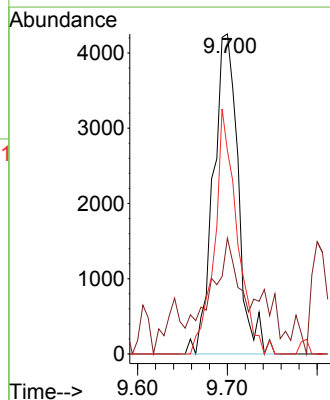
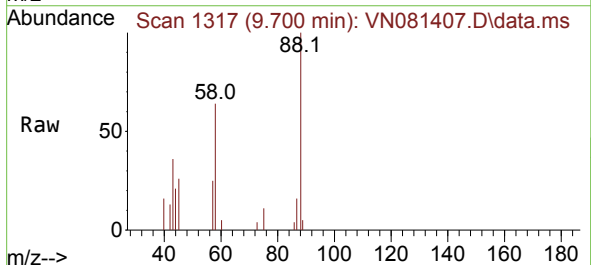
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

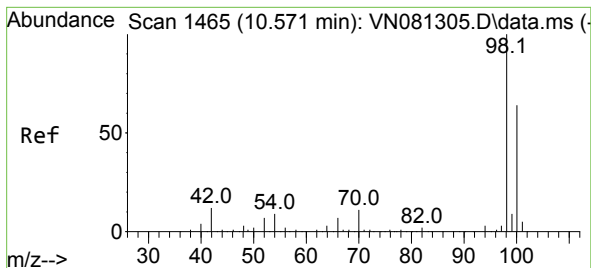
Tgt Ion: 41 Resp: 1442
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 84.8 47.6 71.4#



#49
1,4-Dioxane
Concen: 85.250 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 88 Resp: 8152
Ion Ratio Lower Upper
88 100
43 26.2 30.1 45.1#
58 69.9 63.9 95.9

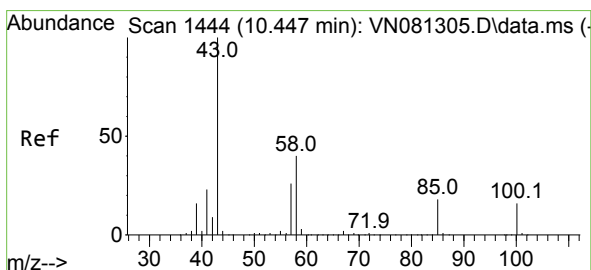
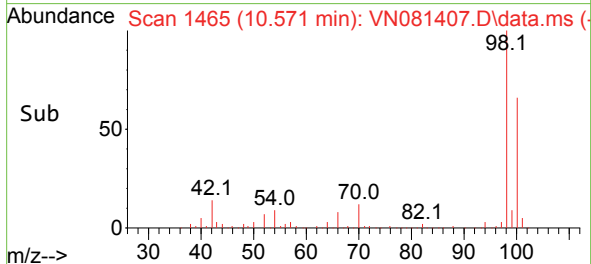
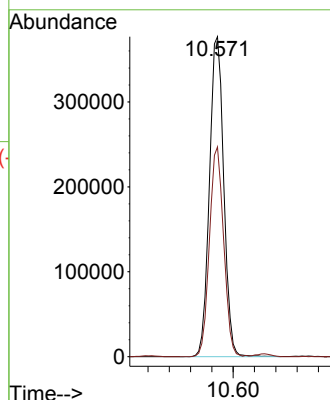
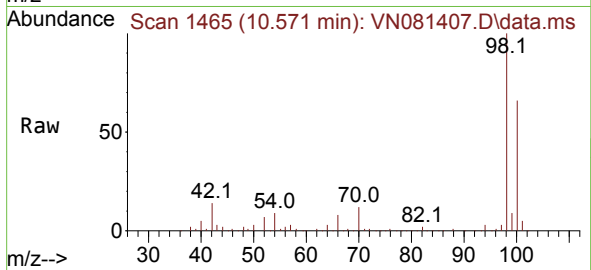




#50
Toluene-d8
Concen: 52.724 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

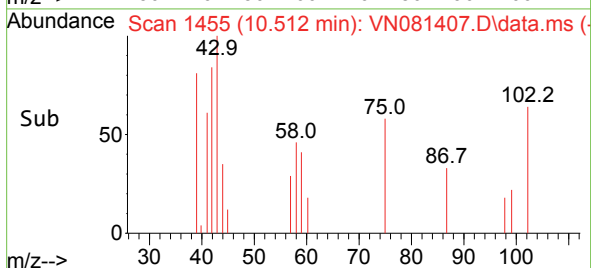
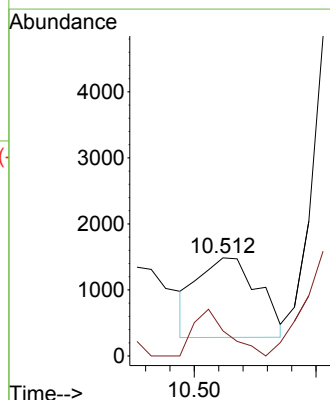
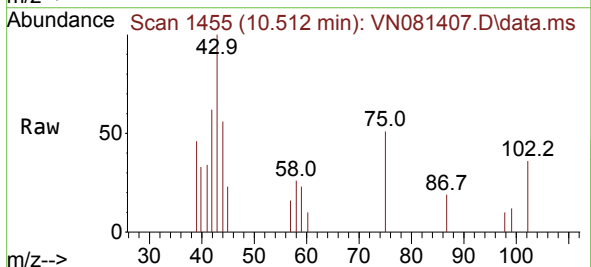
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

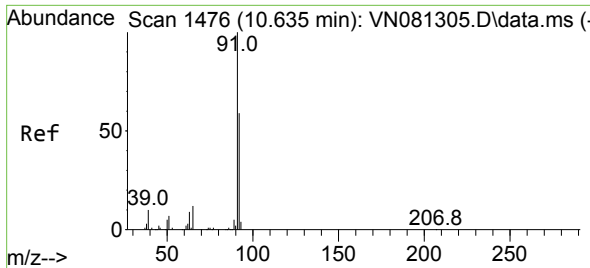
Tgt Ion: 98 Resp: 700823
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.368 ug/l
RT: 10.512 min Scan# 1455
Delta R.T. 0.065 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
58 33.1 29.4 44.0

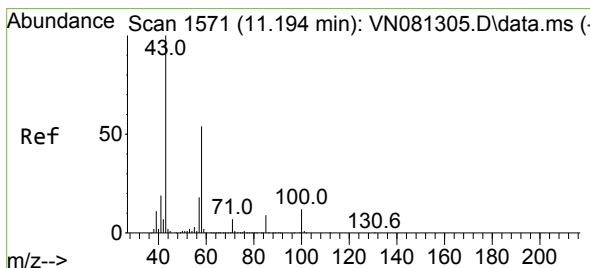
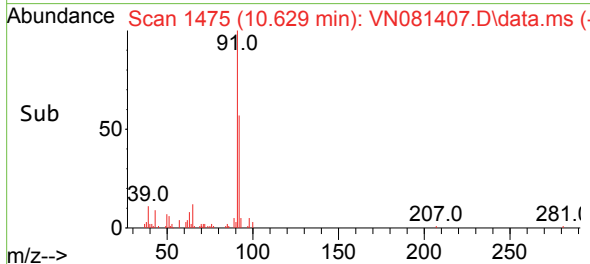
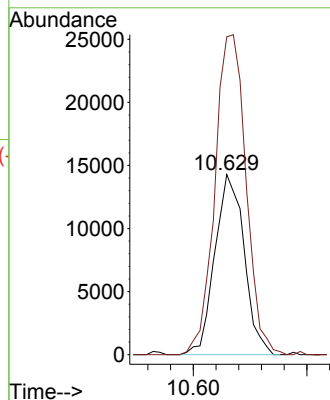
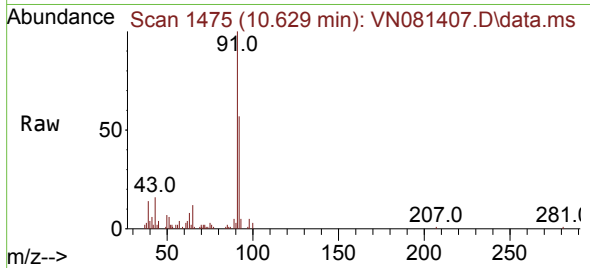




#52
Toluene
Concen: 2.477 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

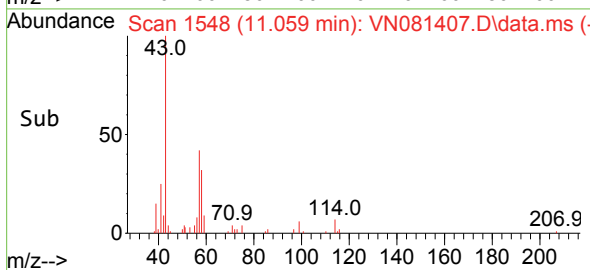
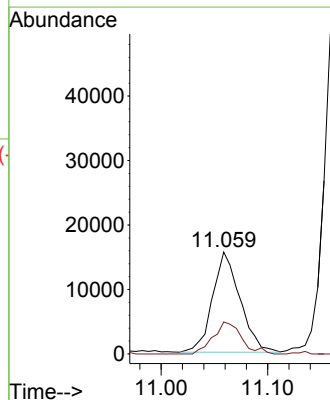
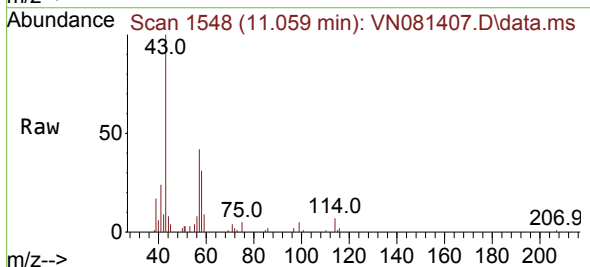
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

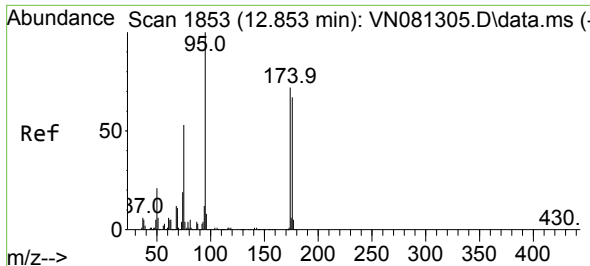
Tgt Ion: 92 Resp: 25625
Ion Ratio Lower Upper
92 100
91 188.4 139.4 209.0



#59
2-Hexanone
Concen: 6.556 ug/l
RT: 11.059 min Scan# 1548
Delta R.T. -0.135 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 43 Resp: 27934
Ion Ratio Lower Upper
43 100
58 32.6 25.9 77.8

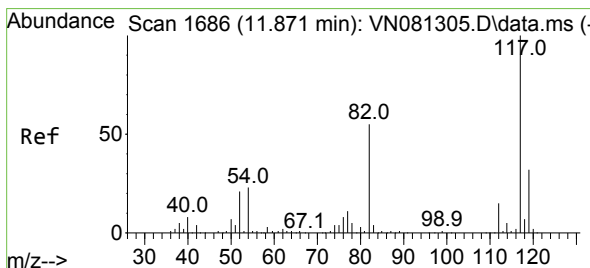
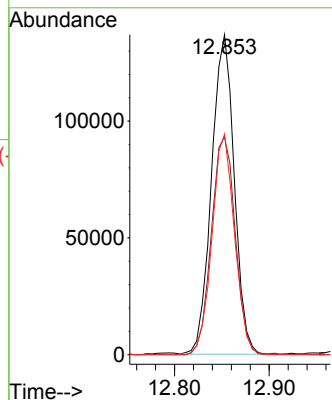
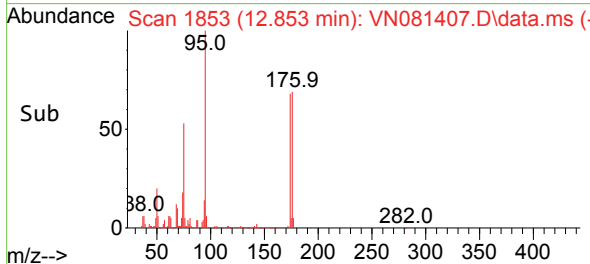
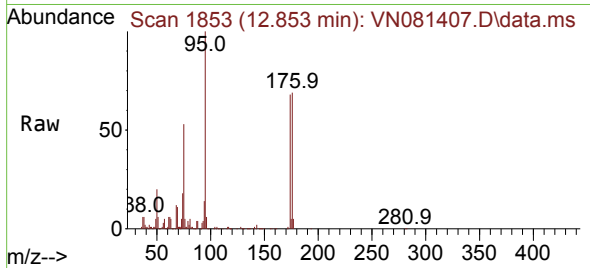




#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

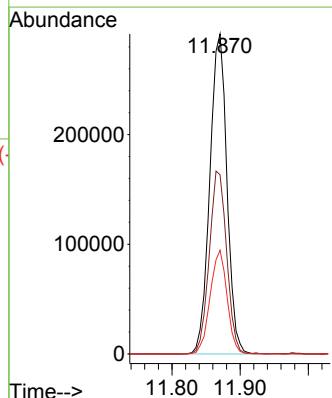
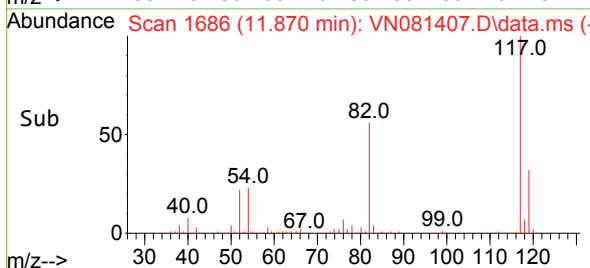
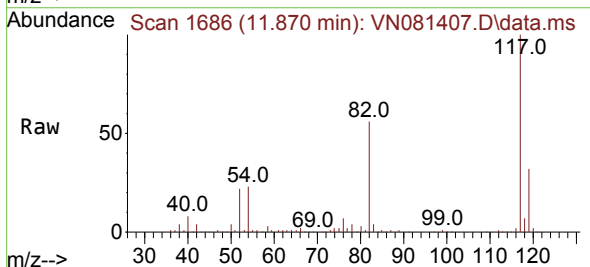
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

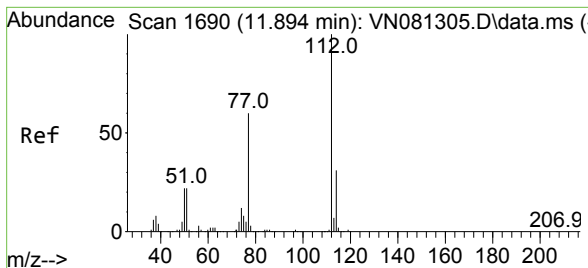
Tgt Ion: 95 Resp: 228259
Ion Ratio Lower Upper
95 100
174 71.6 0.0 120.4
176 68.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 117 Resp: 510786
Ion Ratio Lower Upper
117 100
82 56.0 52.7 79.1
119 32.4 25.3 37.9

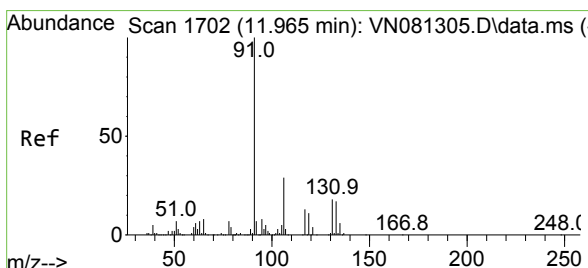
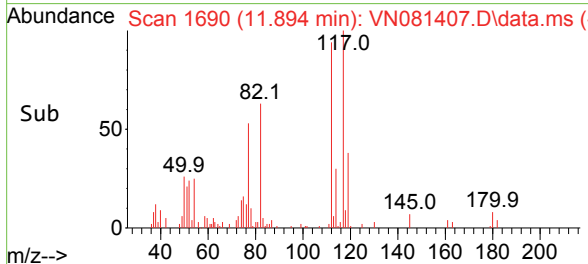
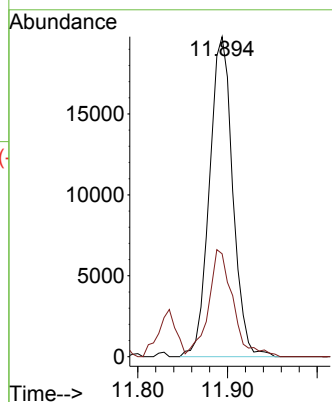
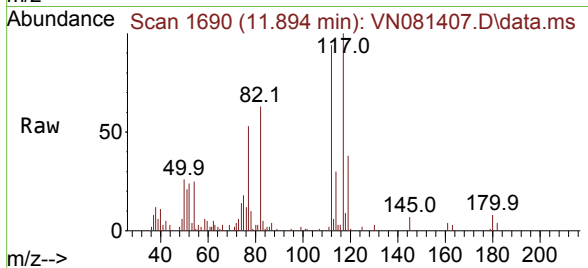




#65
Chlorobenzene
Concen: 3.313 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

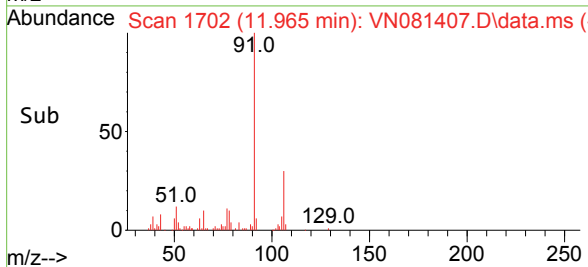
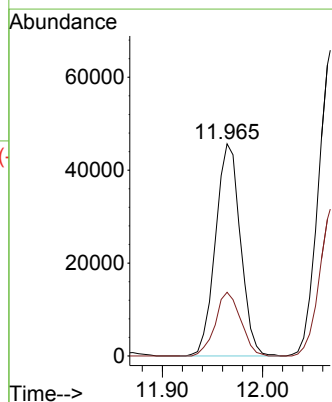
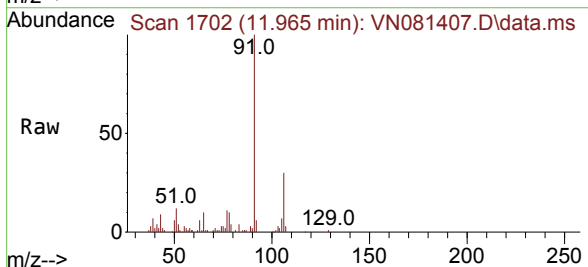
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

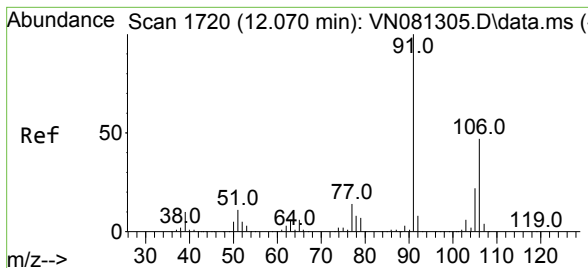
Tgt Ion:112 Resp: 35662
Ion Ratio Lower Upper
112 100
114 32.2 23.7 35.5



#67
Ethyl Benzene
Concen: 4.064 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 91 Resp: 78797
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

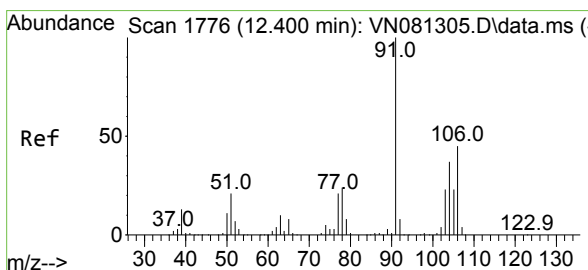
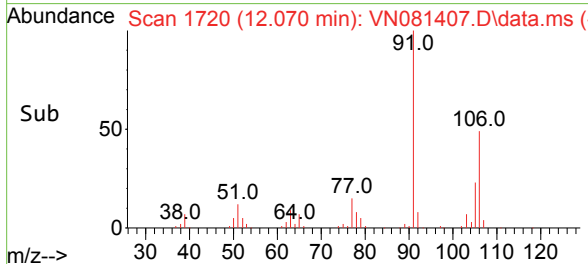
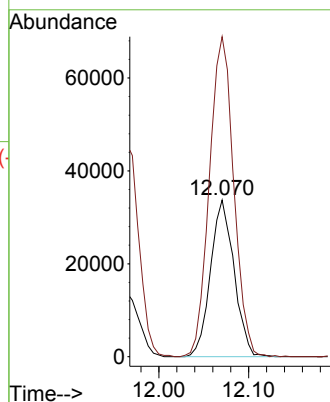
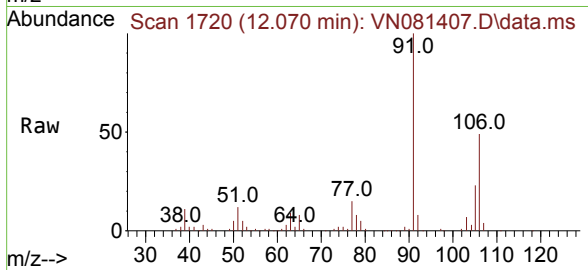




#68
m/p-Xylenes
Concen: 8.417 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

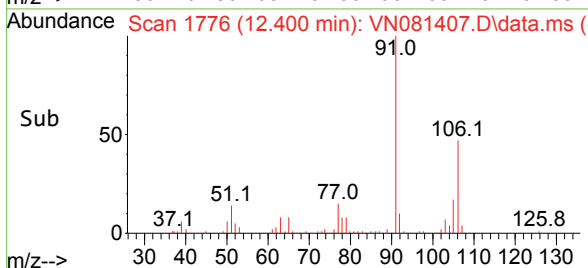
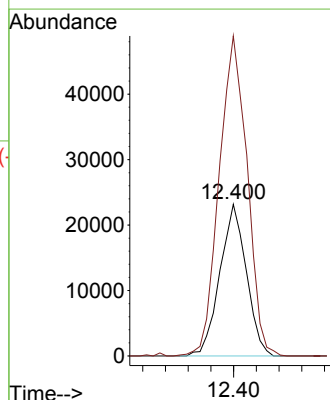
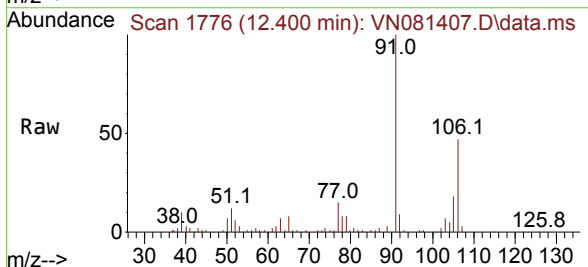
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

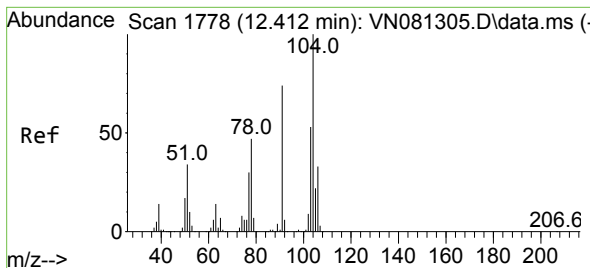
Tgt Ion:106 Resp: 61420
Ion Ratio Lower Upper
106 100
91 211.5 169.0 253.6



#69
o-Xylene
Concen: 5.298 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion:106 Resp: 37466
Ion Ratio Lower Upper
106 100
91 223.4 112.1 336.3





#70

Styrene

Concen: 0.600 ug/l

RT: 12.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081407.D

Acq: 14 Mar 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

240313044-02-VOA

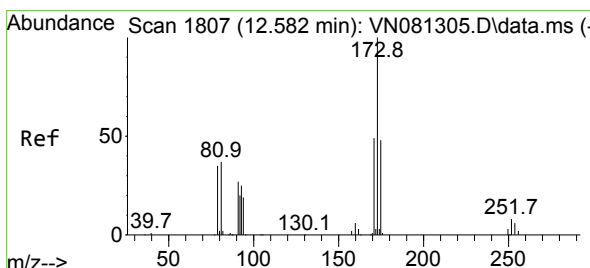
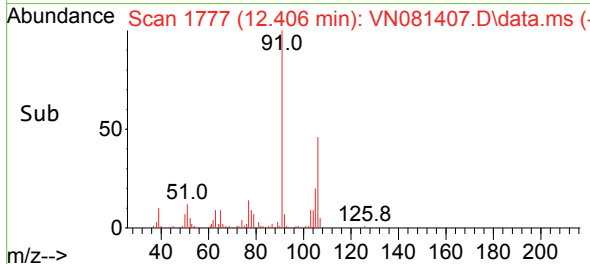
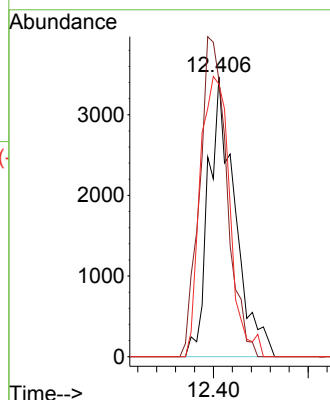
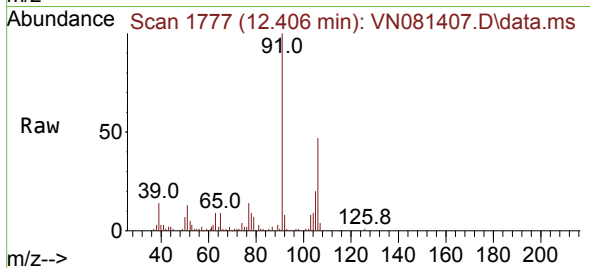
Tgt Ion:104 Resp: 6719

Ion Ratio Lower Upper

104 100

78 118.3 43.8 65.8#

103 111.8 44.2 66.2#



#71

Bromoform

Concen: 0.286 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN081407.D

Acq: 14 Mar 2024 14:05

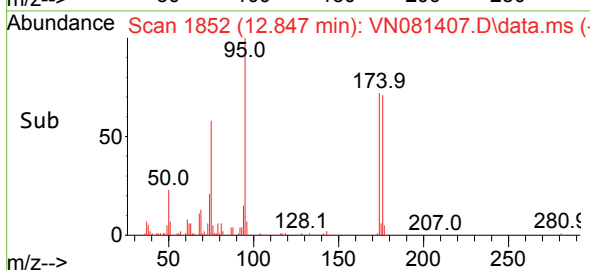
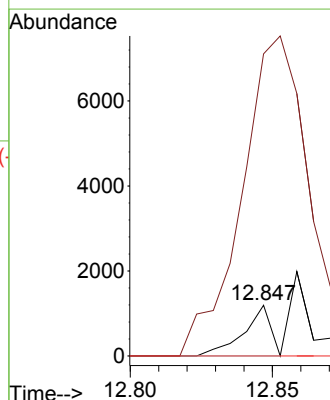
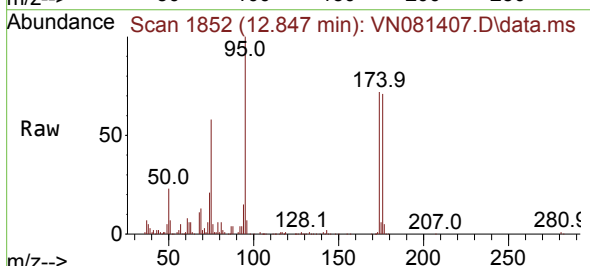
Tgt Ion:173 Resp: 783

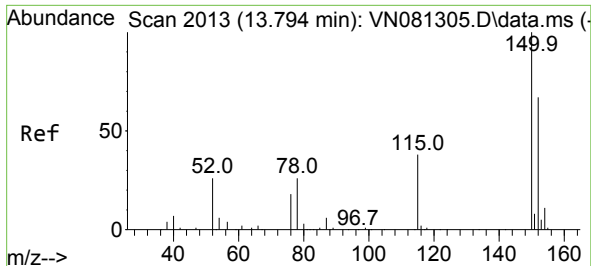
Ion Ratio Lower Upper

173 100

175 1329.2 23.1 69.2#

254 0.0 0.0 0.0

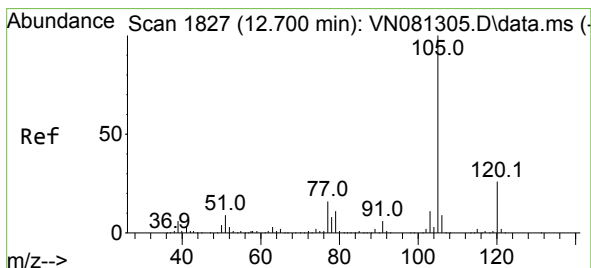
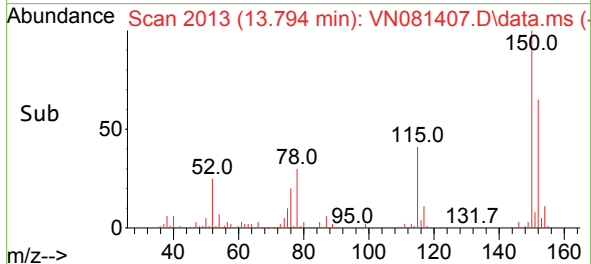
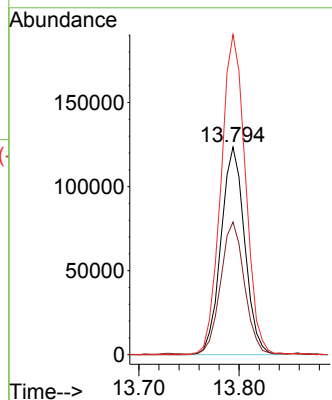
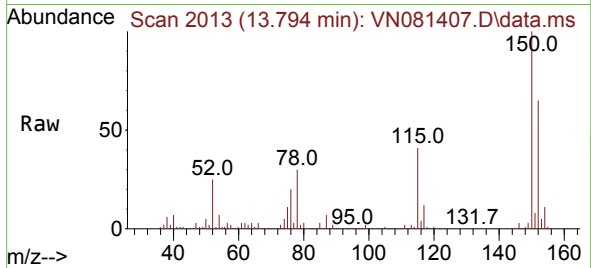




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

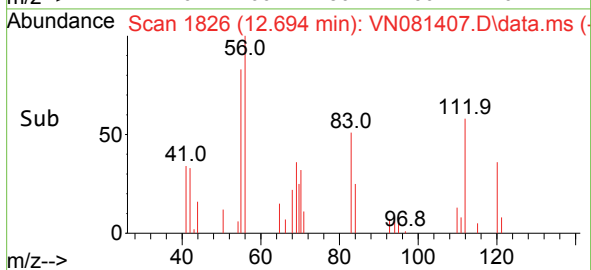
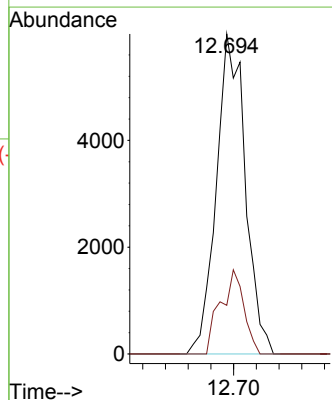
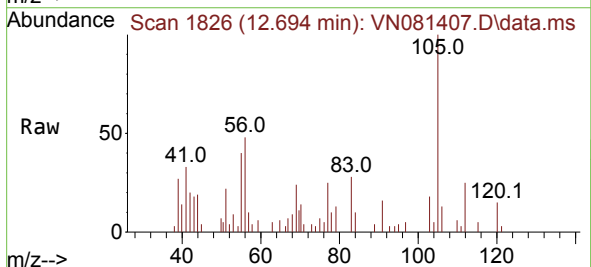
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

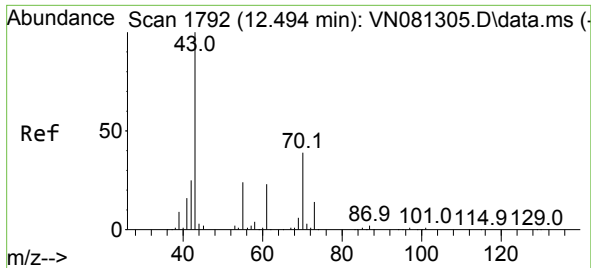
Tgt Ion:152 Resp: 202524
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 160.2 0.0 339.8



#73
Isopropylbenzene
Concen: 0.647 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion:105 Resp: 10584
Ion Ratio Lower Upper
105 100
120 21.2 12.6 37.6

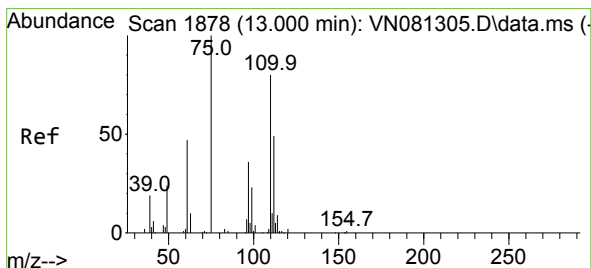
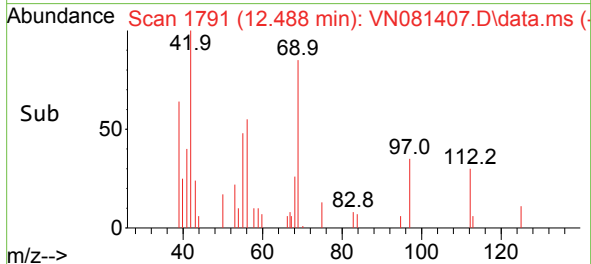
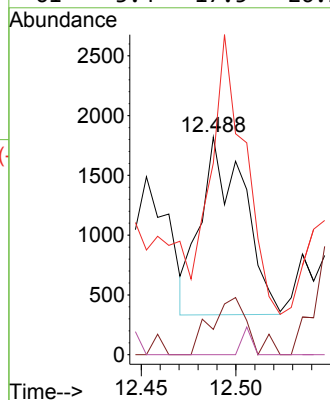
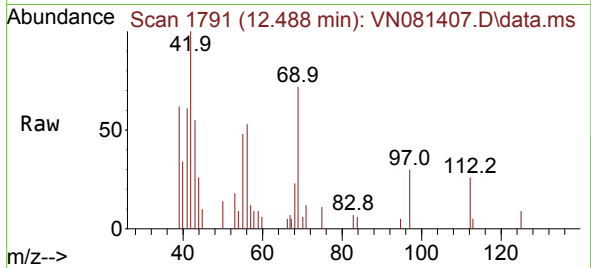




#74
N-amy1 acetate
Concen: 0.347 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

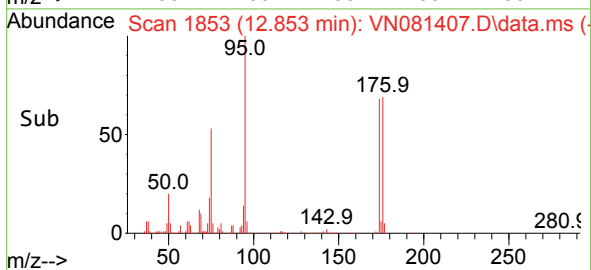
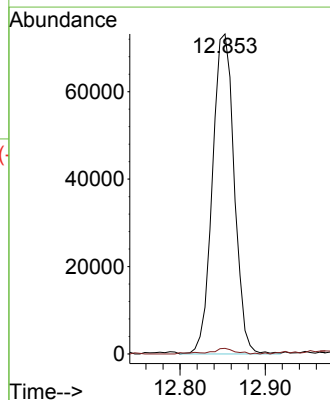
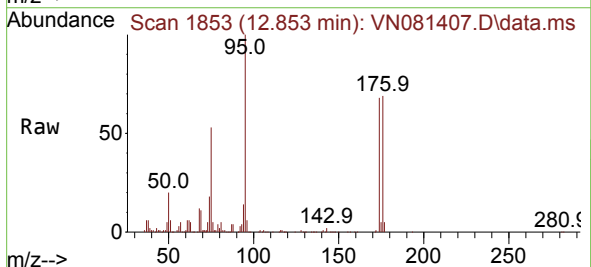
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

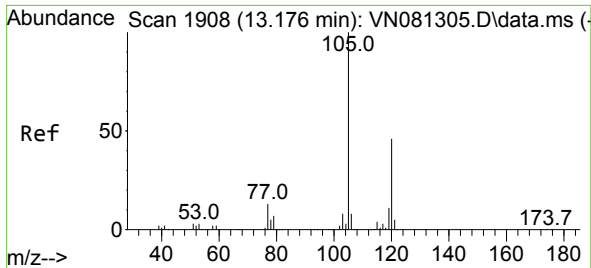
Tgt Ion:	43	Resp:	2381
Ion Ratio	Lower	Upper	
43	100		
70	27.7	30.1	45.1#
55	121.0	17.0	25.4#
61	3.4	17.5	26.3#



#76
1,2,3-Trichloropropane
Concen: 27.282 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion:	75	Resp:	130507
Ion Ratio	Lower	Upper	
75	100		
77	1.6	91.0	272.8#

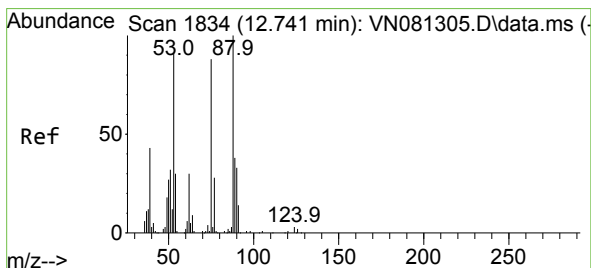
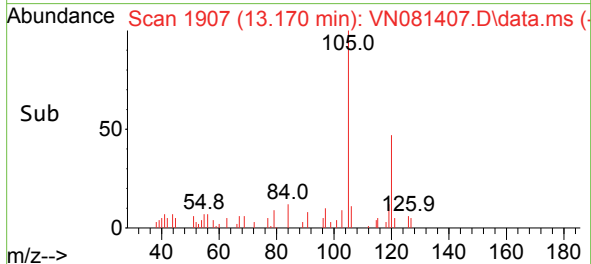
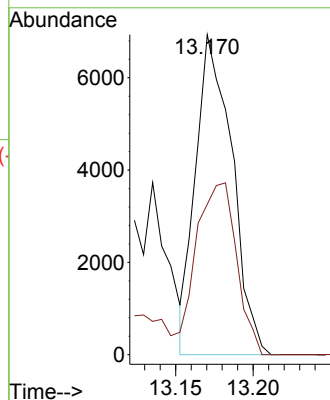
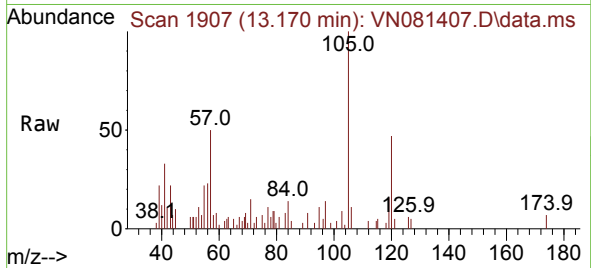




#80
1,3,5-Trimethylbenzene
Concen: 0.833 ug/l
RT: 13.170 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

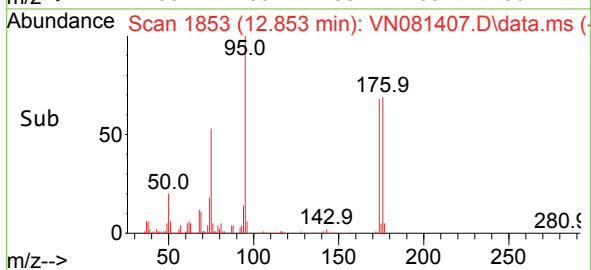
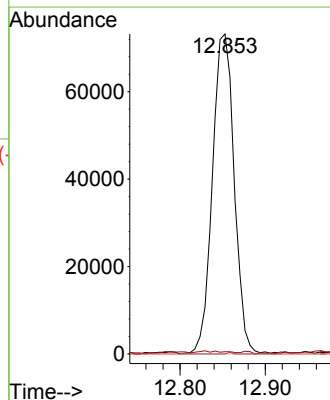
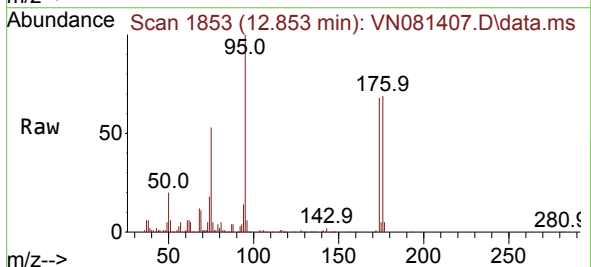
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

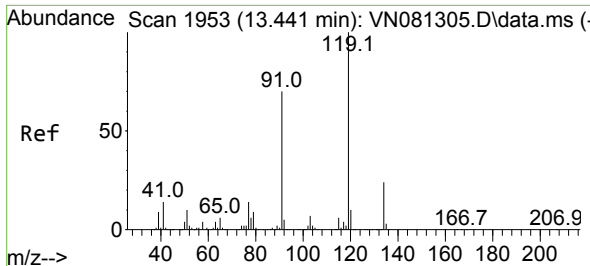
Tgt Ion:105 Resp: 11264
Ion Ratio Lower Upper
105 100
120 60.4 23.0 69.0



#81
trans-1,4-Dichloro-2-butene
Concen: 76.140 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion: 75 Resp: 130507
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

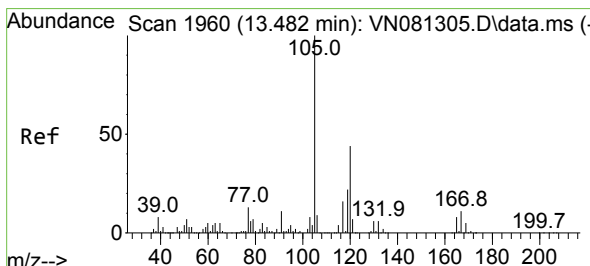
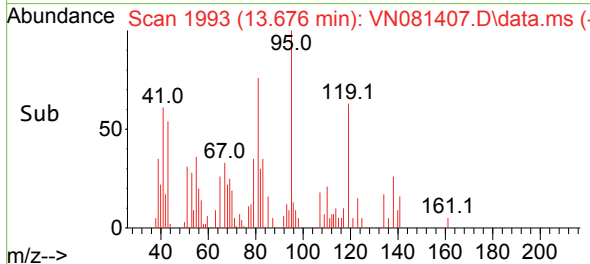
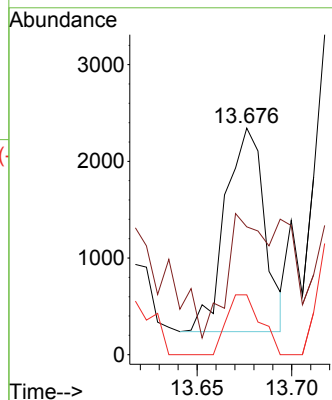
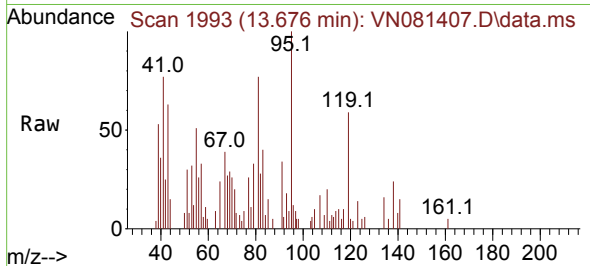




#83
tert-Butylbenzene
Concen: 0.262 ug/l
RT: 13.676 min Scan# 1953
Delta R.T. 0.235 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

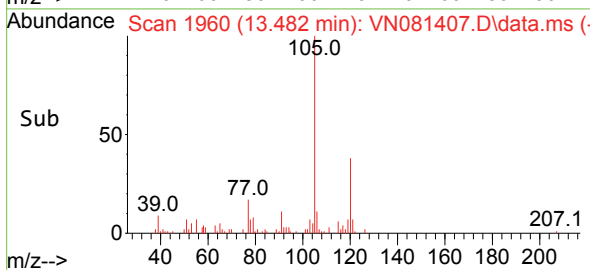
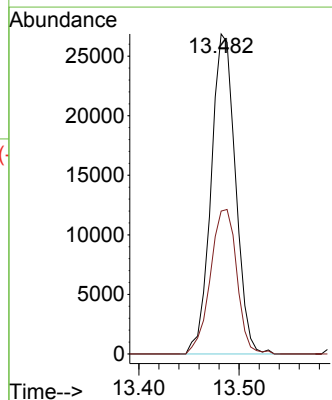
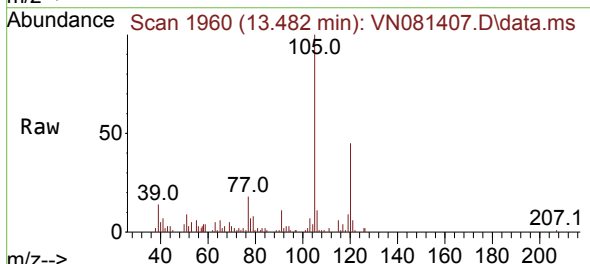
Instrument :
MSVOA_N
ClientSampleId :
240313044-02-VOA

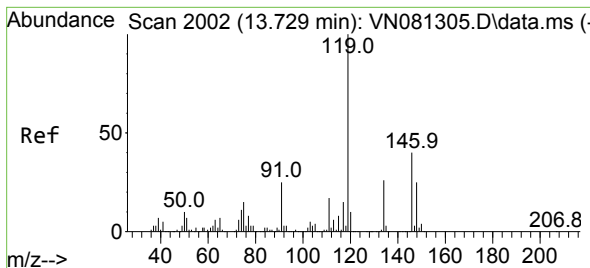
Tgt Ion:119 Resp: 3035
Ion Ratio Lower Upper
119 100
91 91.9 36.8 110.4
134 25.5 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 3.316 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081407.D
Acq: 14 Mar 2024 14:05

Tgt Ion:105 Resp: 45419
Ion Ratio Lower Upper
105 100
120 49.0 20.9 62.7





#86

p-Isopropyltoluene

Concen: 0.997 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081407.D

Acq: 14 Mar 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

240313044-02-VOA

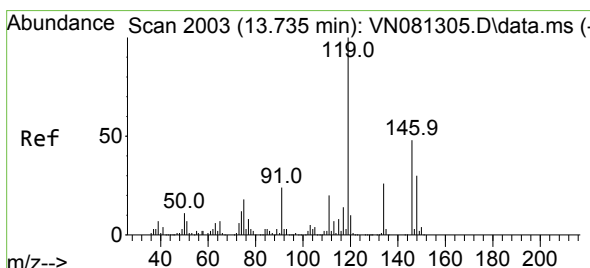
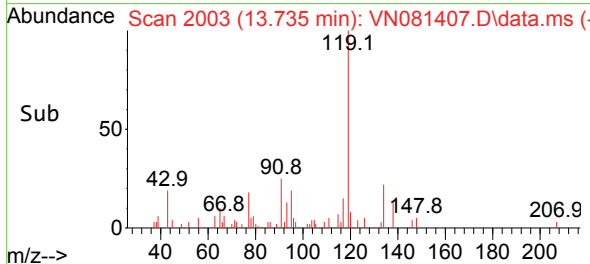
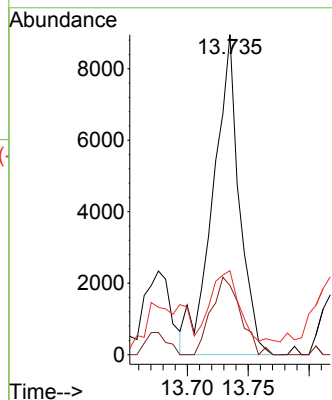
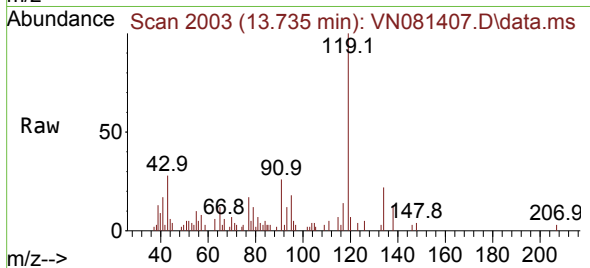
Tgt Ion:119 Resp: 13403

Ion Ratio Lower Upper

119 100

134 26.9 12.4 37.2

91 23.0 13.5 40.4



#87

1,3-Dichlorobenzene

Concen: 4.463 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.076 min

Lab File: VN081407.D

Acq: 14 Mar 2024 14:05

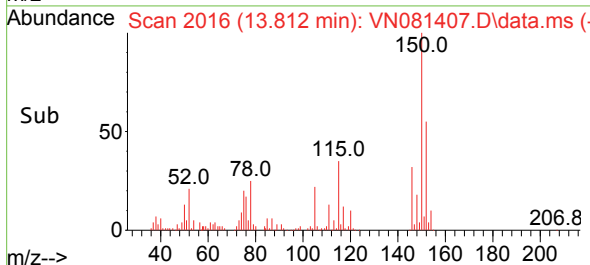
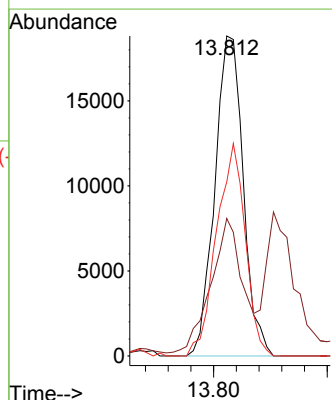
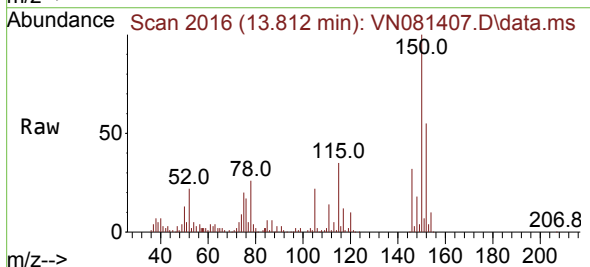
Tgt Ion:146 Resp: 32674

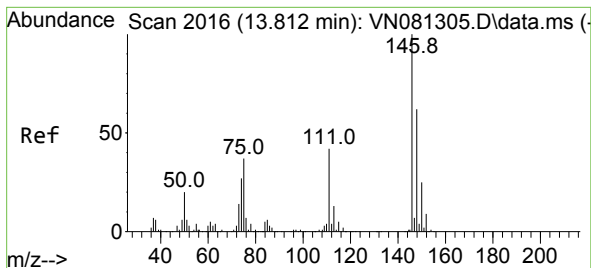
Ion Ratio Lower Upper

146 100

111 48.8 23.9 71.7

148 67.2 32.6 97.7





#88

1,4-Dichlorobenzene

Concen: 4.465 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081407.D

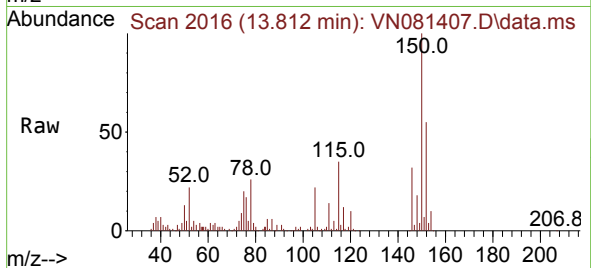
Acq: 14 Mar 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

240313044-02-VOA



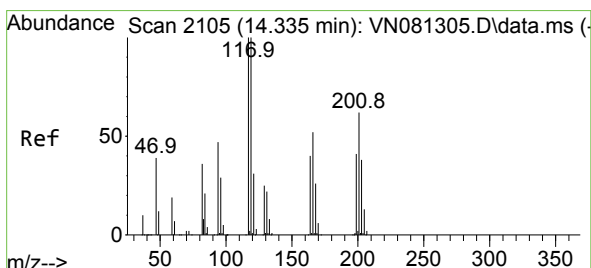
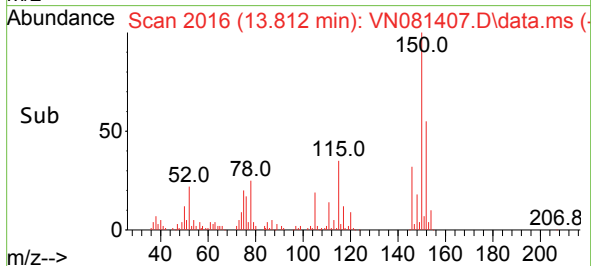
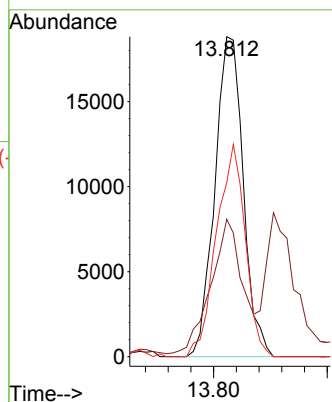
Tgt Ion:146 Resp: 32674

Ion Ratio Lower Upper

146 100

111 48.8 22.6 67.7

148 67.2 31.9 95.5



#90

Hexachloroethane

Concen: 0.374 ug/l

RT: 14.317 min Scan# 2102

Delta R.T. -0.018 min

Lab File: VN081407.D

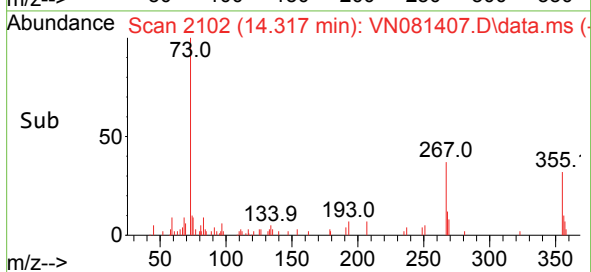
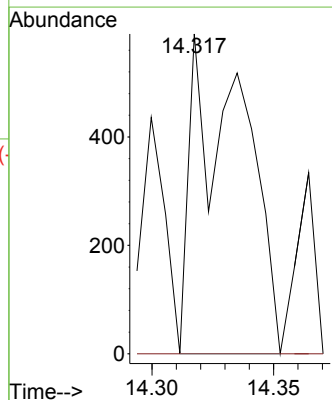
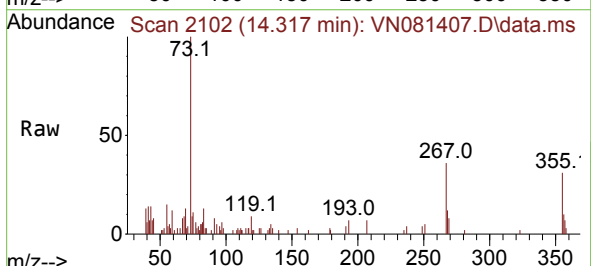
Acq: 14 Mar 2024 14:05

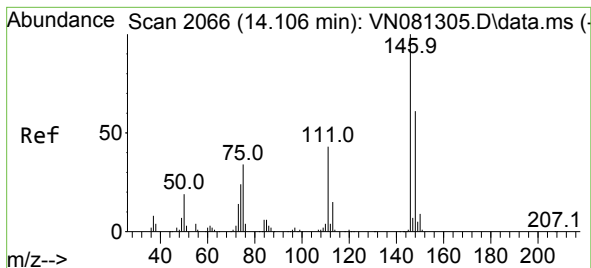
Tgt Ion:117 Resp: 880

Ion Ratio Lower Upper

117 100

201 0.0 30.0 90.0#





#91

1,2-Dichlorobenzene

Concen: 0.300 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN081407.D

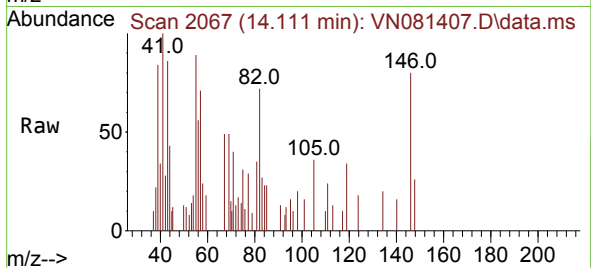
Acq: 14 Mar 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

240313044-02-VOA



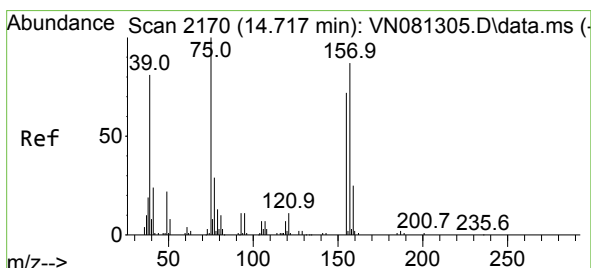
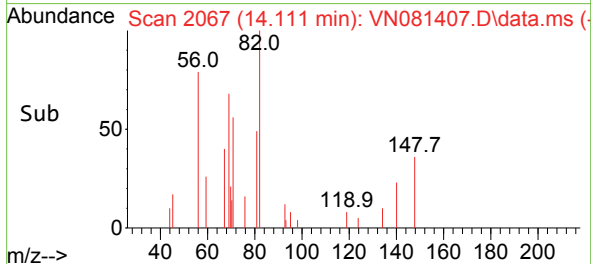
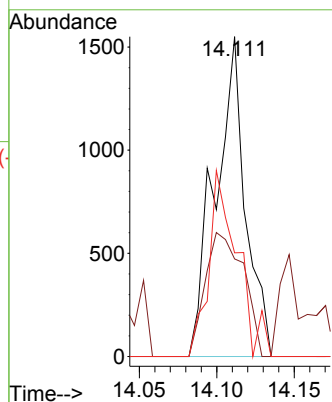
Tgt Ion:146 Resp: 2105

Ion Ratio Lower Upper

146 100

111 49.1 23.9 71.8

148 55.0 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.453 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN081407.D

Acq: 14 Mar 2024 14:05

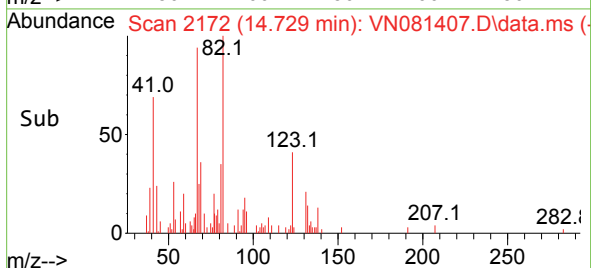
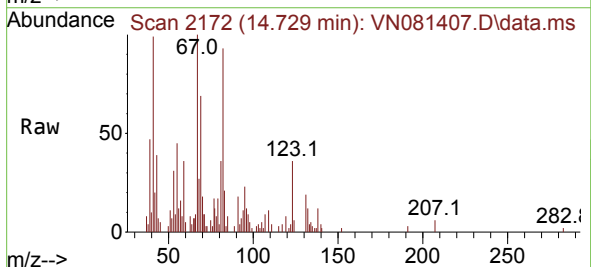
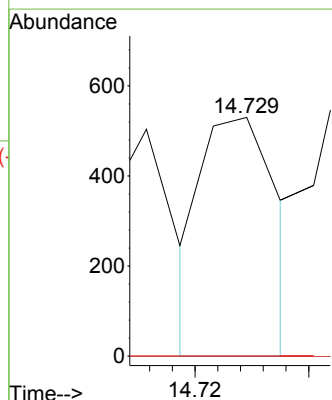
Tgt Ion: 75 Resp: 489

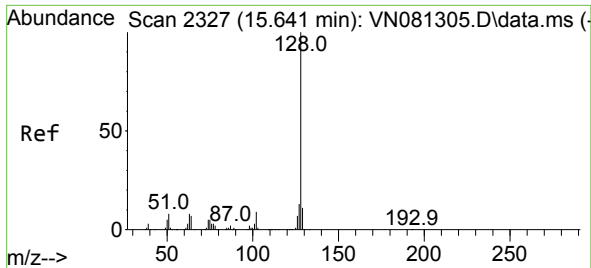
Ion Ratio Lower Upper

75 100

155 0.0 31.8 95.4#

157 0.0 41.1 123.4#





#95

Naphthalene

Concen: 0.588 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081407.D

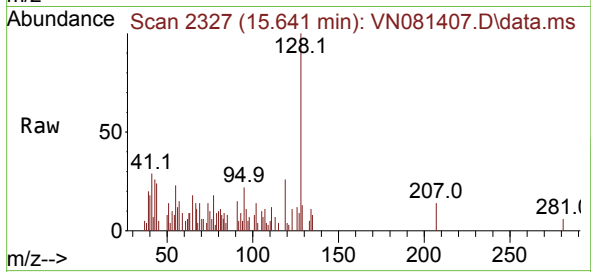
Acq: 14 Mar 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

240313044-02-VOA



Tgt Ion:	128	Resp:	7860
Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.0	15.0#
129	10.9	8.7	13.1

