

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081506.D
 Acq On : 20 Mar 2024 20:09
 Operator : JC\MD
 Sample : P1799-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:26:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	569043	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	958057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	859619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	384755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	346768	47.785	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.580%
35) Dibromofluoromethane	8.171	113	287898	47.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	10.571	98	1125733	51.505	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.853	95	385186	50.015	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.020%

Target Compounds				Qvalue		
3) Chloromethane	2.324	50	8263	1.083	ug/l #	67
8) Diethyl Ether	3.959	74	19666	4.657	ug/l #	1
11) Tert butyl alcohol	5.530	59	22630	17.895	ug/l	99
13) Acrolein	4.142	56	57540	50.706	ug/l #	1
14) Allyl chloride	4.953	41	5068	0.602	ug/l #	22
15) Acrylonitrile	5.800	53	15817	4.675	ug/l #	30
16) Acetone	4.424	43	560768	239.111	ug/l	97
18) Methyl Acetate	5.030	43	14899	2.061	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	1314799	62.558	ug/l	100
20) Methylene Chloride	5.271	84	3737	0.486	ug/l #	56
22) Diisopropyl ether	6.671	45	482186	24.661	ug/l #	92
23) Vinyl Acetate	6.665	43	242876	15.605	ug/l #	77
25) 2-Butanone	7.483	43	311704	77.489	ug/l #	86
29) Tetrahydrofuran	7.559	42	225456	83.199	ug/l #	44
31) Cyclohexane	8.259	56	152797	12.939	ug/l #	75
36) 1,1-Dichloropropene	8.224	75	46407	4.561	ug/l #	51
37) Ethyl Acetate	7.559	43	4111709	471.902	ug/l #	94
38) Carbon Tetrachloride	8.224	117	59423	5.331	ug/l #	18
39) Methylcyclohexane	9.600	83	36286	3.193	ug/l #	78
41) Methacrylonitrile	7.559	41	42396	9.201	ug/l #	27
42) 1,2-Dichloroethane	8.606	62	271854	25.968	ug/l	75
43) Isopropyl Acetate	8.659	43	71059	4.920	ug/l #	57
48) Methyl methacrylate	9.653	41	18956	2.846	ug/l #	41
49) 1,4-Dioxane	9.541	88	54	0.337	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	10648	1.208	ug/l	97
52) Toluene	10.624	92	20158022	1066.129	ug/l #	1
53) t-1,3-Dichloropropene	10.635	75	334133	28.907	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	4034	0.530	ug/l #	13
56) Ethyl methacrylate	10.871	69	501	0.619	ug/l #	20
59) 2-Hexanone	11.194	43	16677	2.559	ug/l	96
67) Ethyl Benzene	11.965	91	4017359	113.807	ug/l	98
68) m/p-Xylenes	12.070	106	5290910	399.818	ug/l	96
69) o-Xylene	12.400	106	2427002	186.815	ug/l	97
70) Styrene	12.400	104	130620	6.234	ug/l #	1
73) Isopropylbenzene	12.694	105	261068	7.960	ug/l	99
74) N-amyl acetate	12.459	43	25465	2.146	ug/l #	53

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

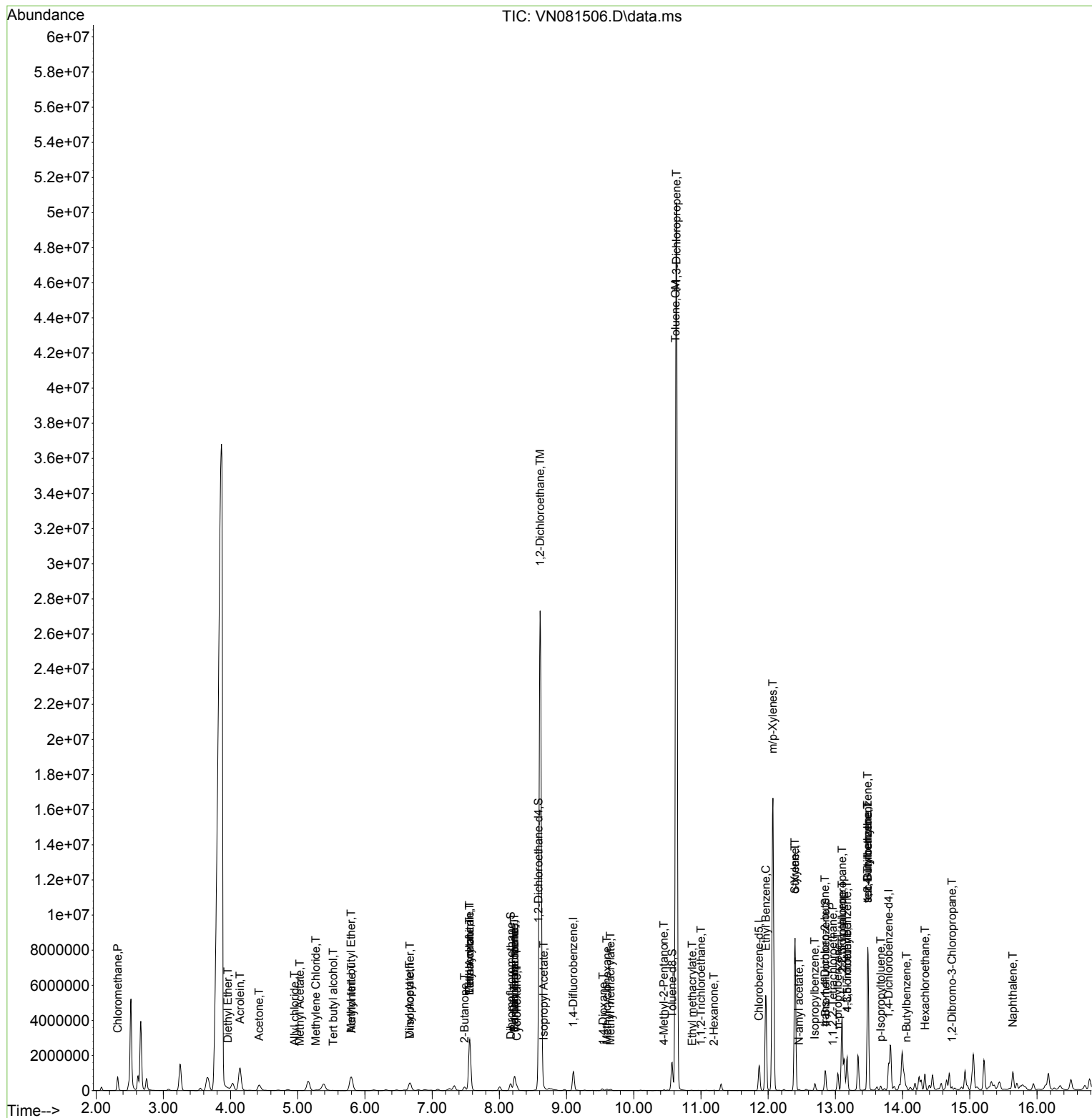
75) 1,1,2,2-Tetrachloroethane	12.965	83	2554	0.265	ug/l	#	71
76) 1,2,3-Trichloropropane	13.100	75	26413	2.870	ug/l	#	1
78) n-propylbenzene	13.035	91	781892	20.188	ug/l		96
79) 2-Chlorotoluene	13.100	91	347484	14.990	ug/l	#	45
80) 1,3,5-Trimethylbenzene	13.176	105	1035779	38.237	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.847	75	209654	61.558	ug/l	#	14
82) 4-Chlorotoluene	13.176	91	113776	4.978	ug/l	#	44
83) tert-Butylbenzene	13.482	119	566179	24.238	ug/l	#	73
84) 1,2,4-Trimethylbenzene	13.482	105	4700625	172.652	ug/l		95
85) sec-Butylbenzene	13.482	105	4700625	140.766	ug/l	#	60
86) p-Isopropyltoluene	13.676	119	132729	4.862	ug/l		95
89) n-Butylbenzene	14.059	91	95793	3.958	ug/l	#	77
90) Hexachloroethane	14.335	117	46765	9.046	ug/l	#	21
92) 1,2-Dibromo-3-Chloropr...	14.735	75	682	0.332	ug/l	#	13
95) Naphthalene	15.641	128	934019	34.796	ug/l		99

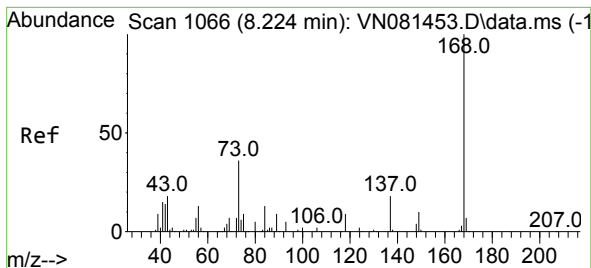
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

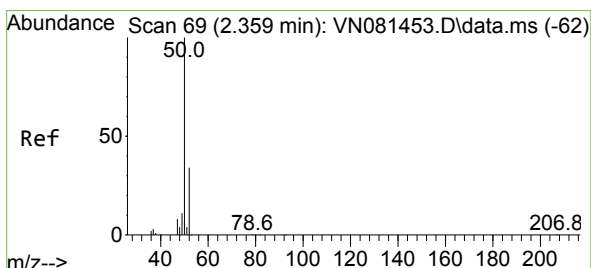
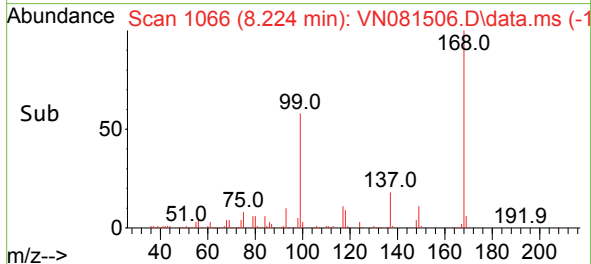
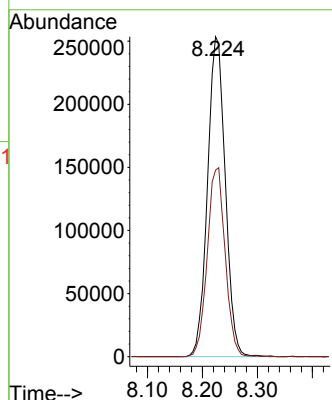
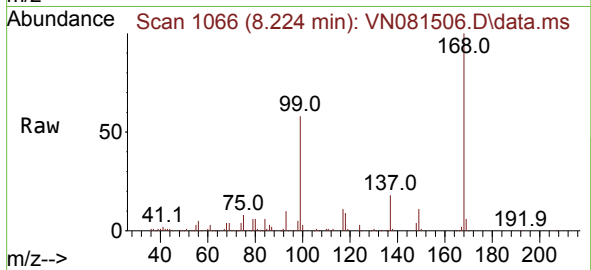
ClientSampleId :

Tgt Ion:168 Resp: 569043

Ion Ratio Lower Upper

168 100

99 58.3 59.9 89.9#



#3

Chloromethane

Concen: 1.083 ug/l

RT: 2.324 min Scan# 63

Delta R.T. -0.035 min

Lab File: VN081506.D

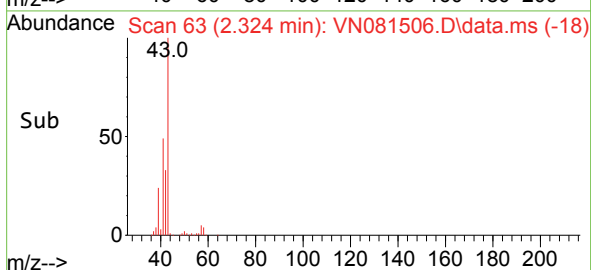
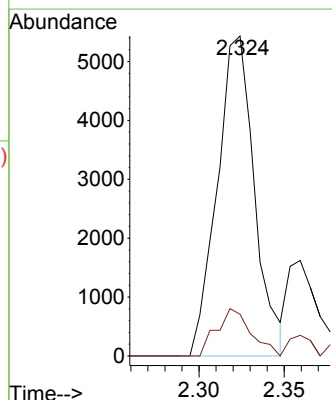
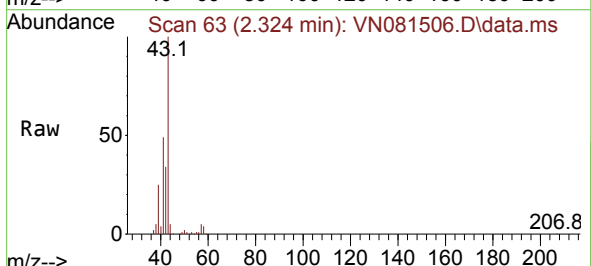
Acq: 20 Mar 2024 20:09

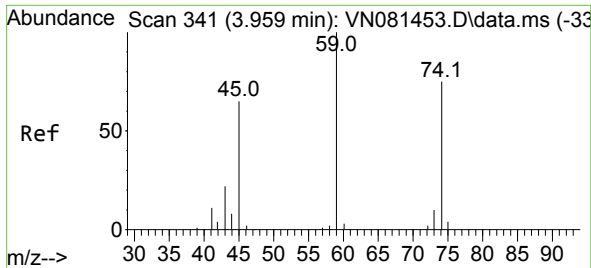
Tgt Ion: 50 Resp: 8263

Ion Ratio Lower Upper

50 100

52 13.1 25.0 37.4#





#8

Diethyl Ether

Concen: 4.657 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.000 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

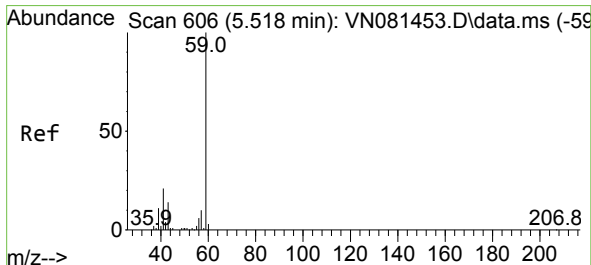
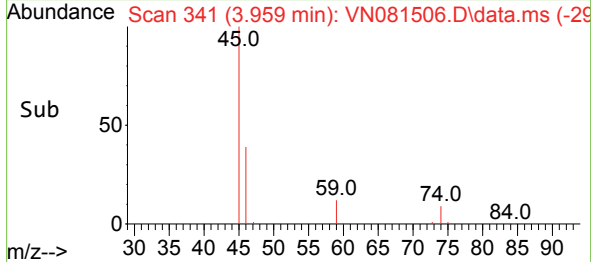
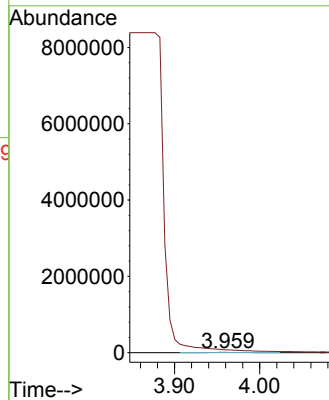
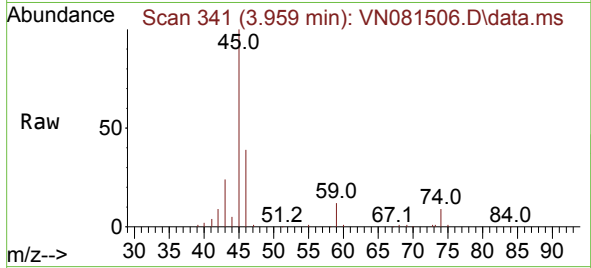
ClientSampleId :

Tgt Ion: 74 Resp: 19666

Ion Ratio Lower Upper

74 100

45 0.0 53.3 159.9#



#11

Tert butyl alcohol

Concen: 17.895 ug/l

RT: 5.530 min Scan# 608

Delta R.T. 0.012 min

Lab File: VN081506.D

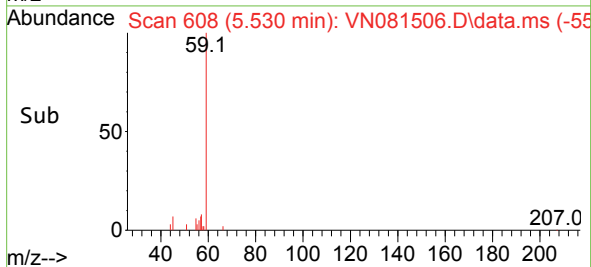
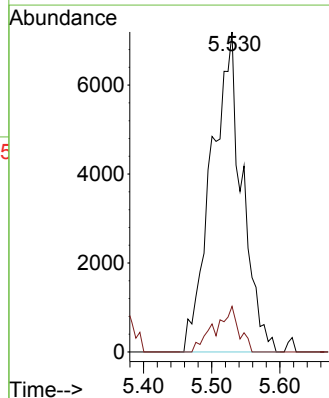
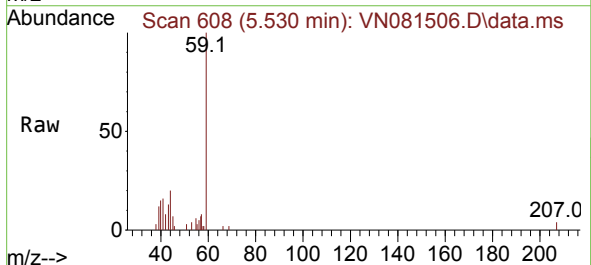
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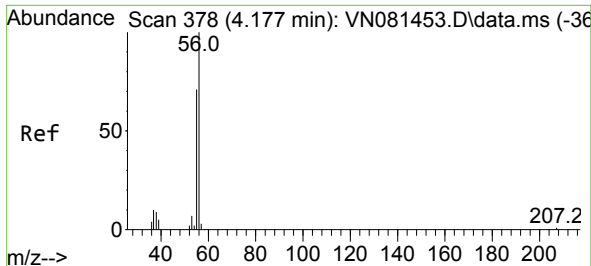
Tgt Ion: 59 Resp: 22630

Ion Ratio Lower Upper

59 100

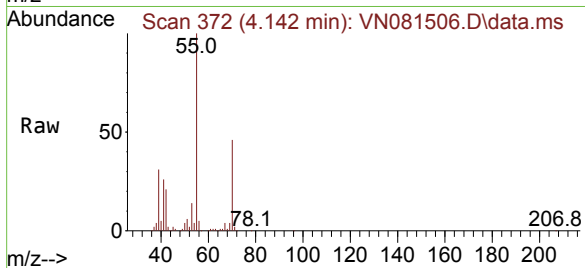
57 11.1 8.6 12.8



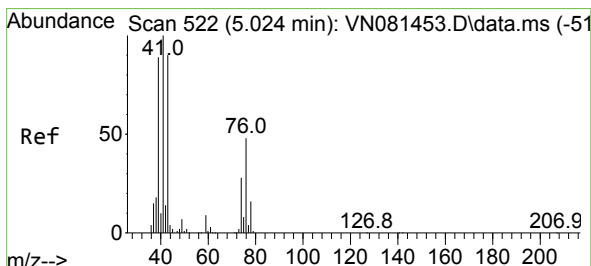
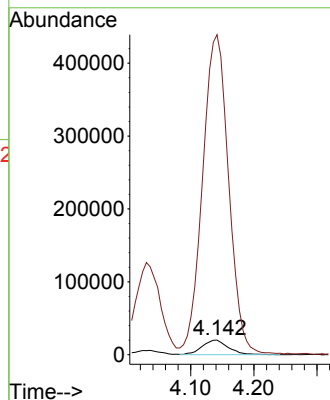
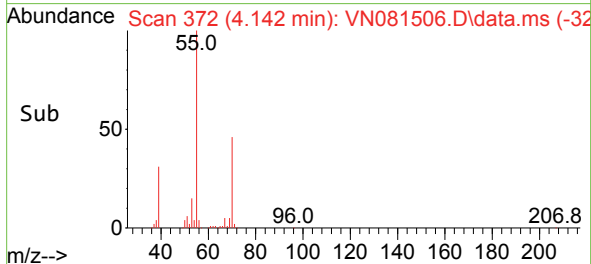


#13
Acrolein
Concen: 50.706 ug/l
RT: 4.142 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

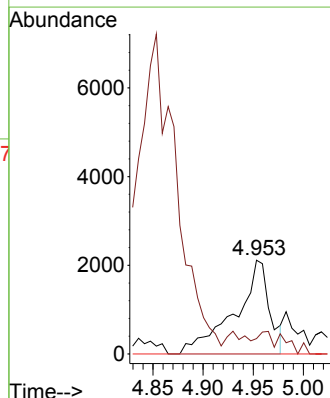
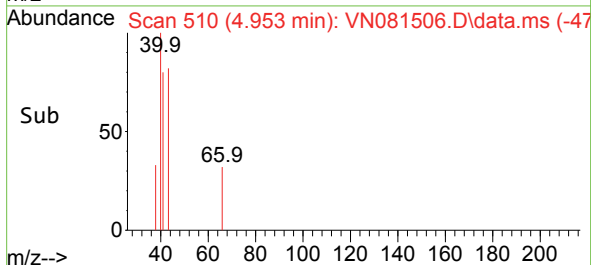
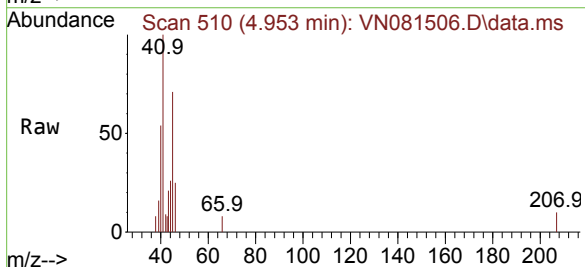


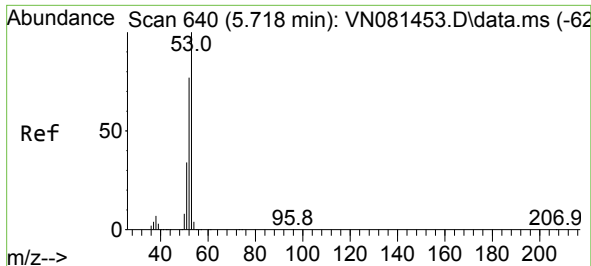
Tgt Ion: 56 Resp: 57540
Ion Ratio Lower Upper
56 100
55 2185.4 55.3 82.9#



#14
Allyl chloride
Concen: 0.602 ug/l
RT: 4.953 min Scan# 510
Delta R.T. -0.071 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 41 Resp: 5068
Ion Ratio Lower Upper
41 100
39 0.0 57.7 86.5#
76 0.0 26.8 40.2#

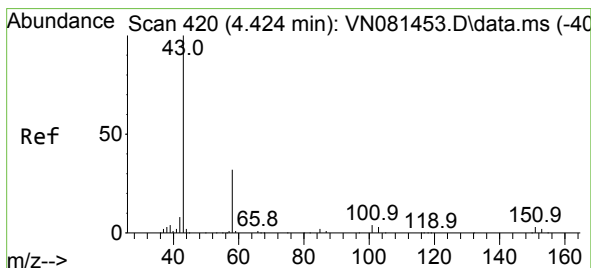
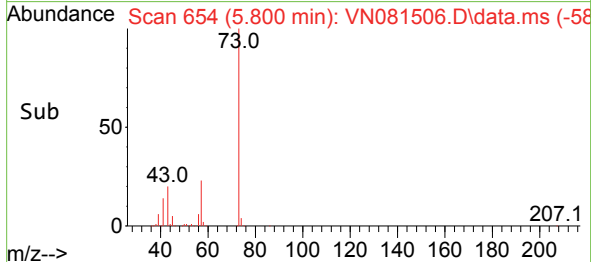
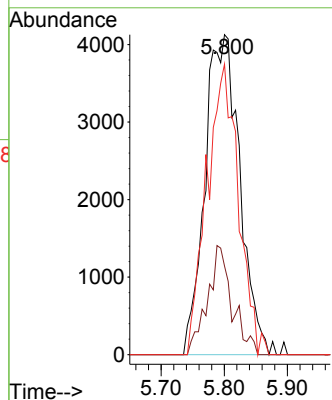
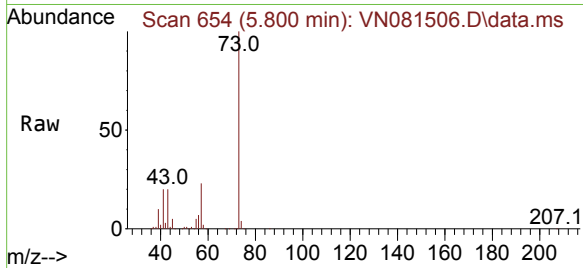




#15
Acrylonitrile
Concen: 4.675 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.082 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

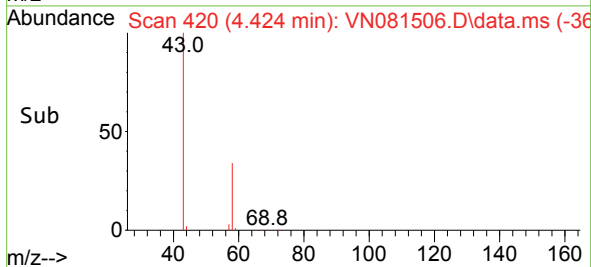
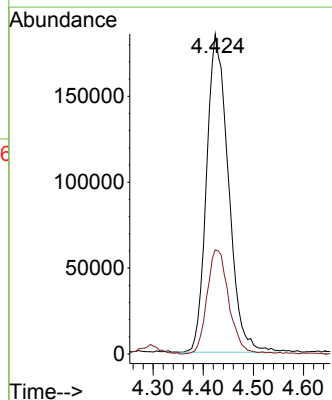
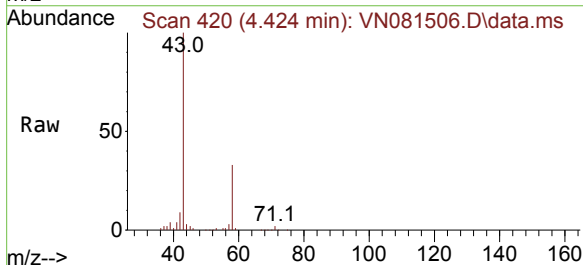
Instrument :
MSVOA_N
ClientSampleId :

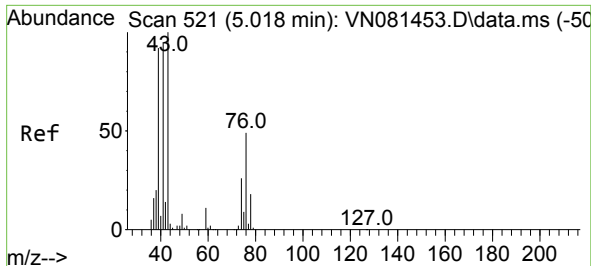
Tgt Ion: 53 Resp: 15817
Ion Ratio Lower Upper
53 100
52 24.1 64.8 97.2#
51 82.2 26.9 40.3#



#16
Acetone
Concen: 239.111 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 43 Resp: 560768
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2

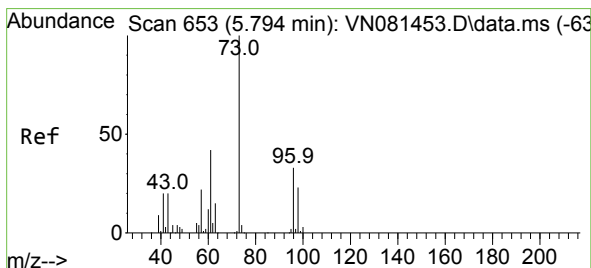
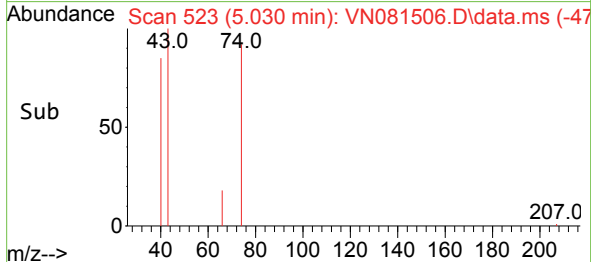
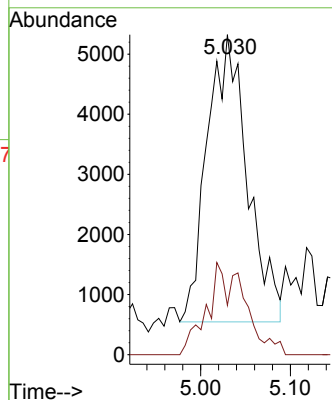
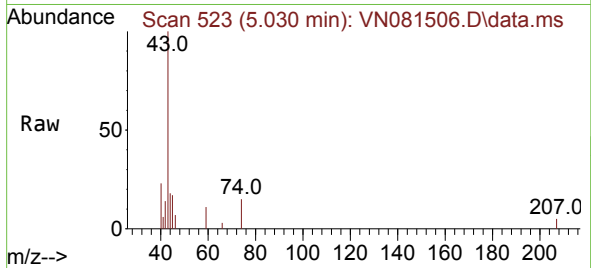




#18
Methyl Acetate
Concen: 2.061 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

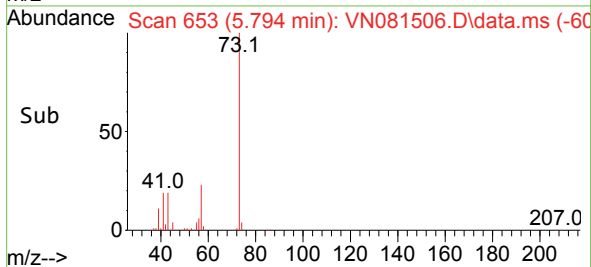
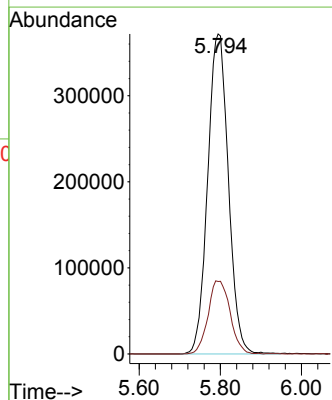
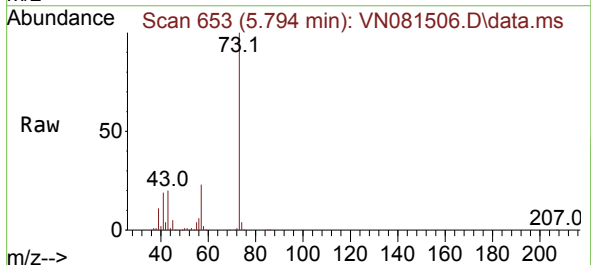
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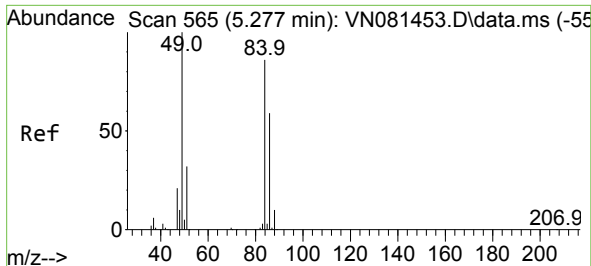
Tgt Ion: 43 Resp: 14899
Ion Ratio Lower Upper
43 100
74 15.7 17.3 25.9#



#19
Methyl tert-butyl Ether
Concen: 62.558 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

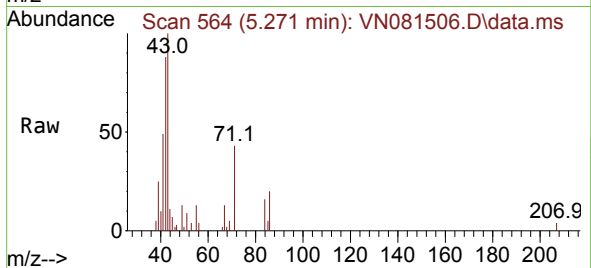
Tgt Ion: 73 Resp: 1314799
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



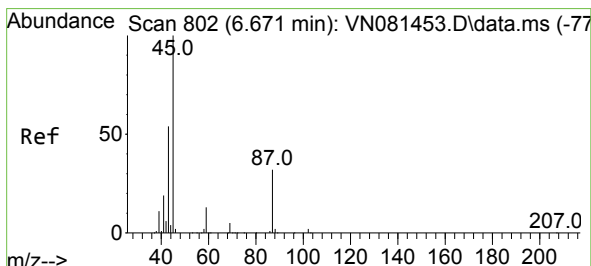
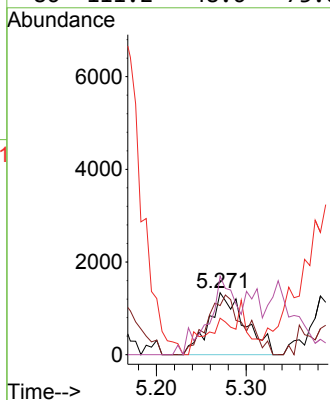
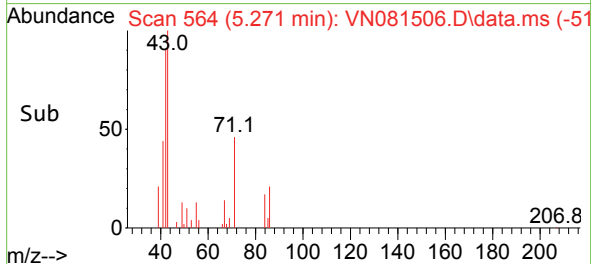


#20
Methylene Chloride
Concen: 0.486 ug/l
RT: 5.271 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081506.D
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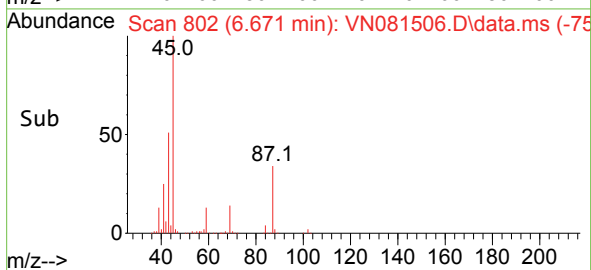
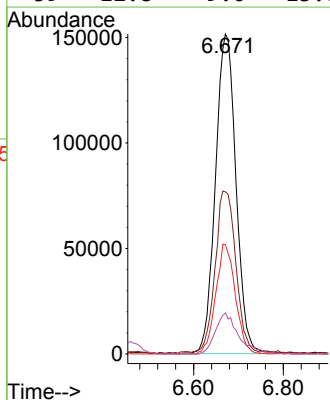
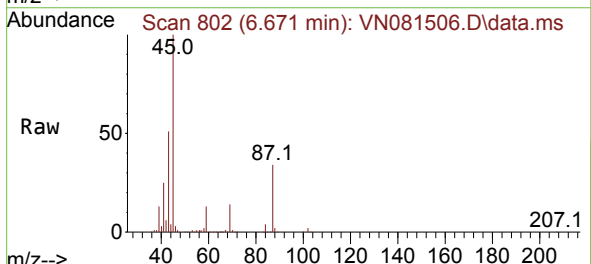


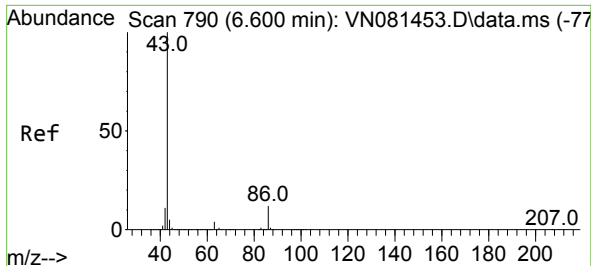
Tgt Ion: 84 Resp: 3737
Ion Ratio Lower Upper
84 100
49 79.3 108.1 162.1#
51 41.2 32.9 49.3
86 111.2 48.6 73.0#



#22
Diisopropyl ether
Concen: 24.661 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 45 Resp: 482186
Ion Ratio Lower Upper
45 100
43 50.4 41.8 62.8
87 34.2 18.1 27.1#
59 12.8 9.0 13.6

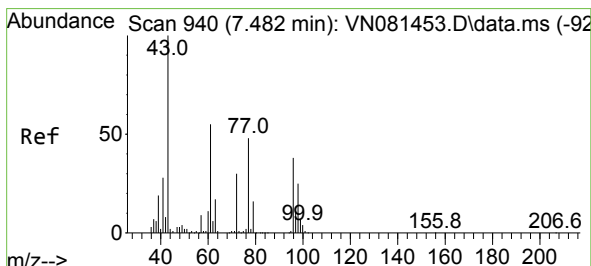
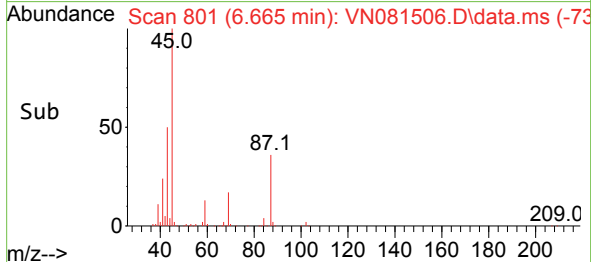
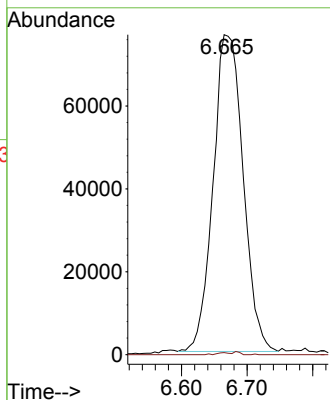
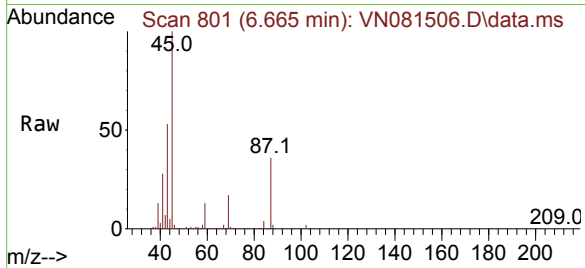




#23
 Vinyl Acetate
 Concen: 15.605 ug/l
 RT: 6.665 min Scan# 801
 Delta R.T. 0.065 min
 Lab File: VN081506.D
 Acq: 20 Mar 2024 20:09

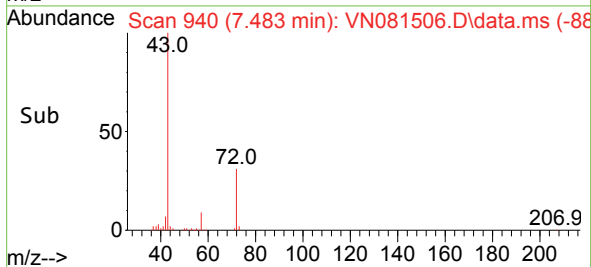
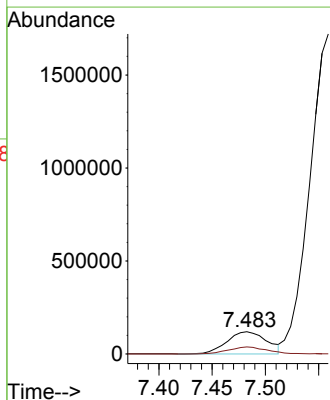
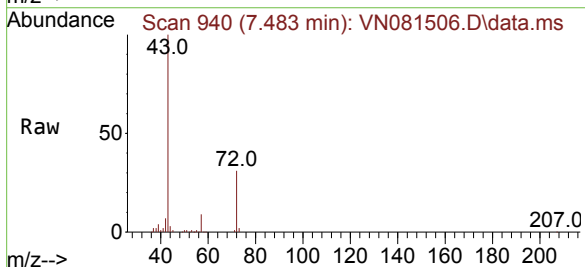
Instrument :
 MSVOA_N
 ClientSampleId :

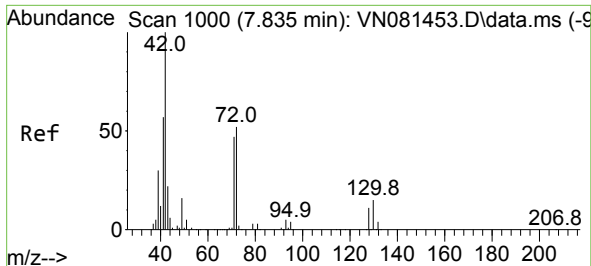
Tgt Ion: 43 Resp: 242876
 Ion Ratio Lower Upper
 43 100
 86 0.7 7.1 10.7#



#25
 2-Butanone
 Concen: 77.489 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081506.D
 Acq: 20 Mar 2024 20:09

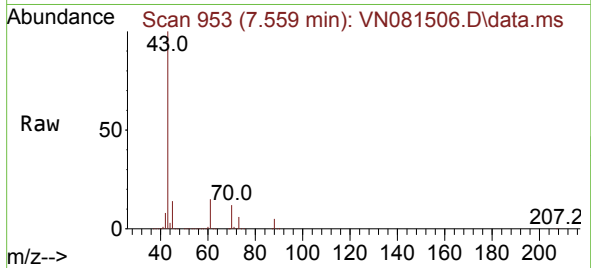
Tgt Ion: 43 Resp: 311704
 Ion Ratio Lower Upper
 43 100
 72 31.5 19.5 29.3#



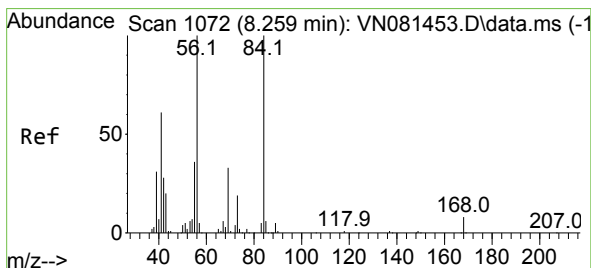
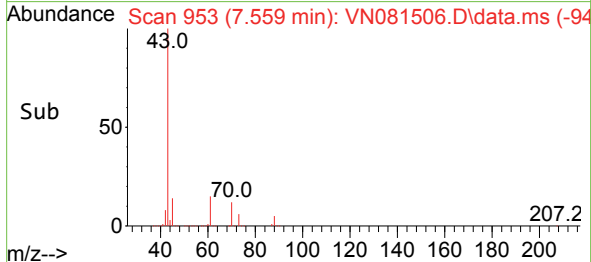
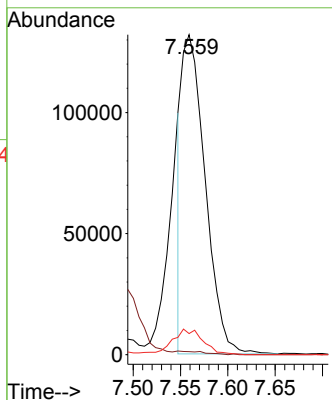


#29
Tetrahydrofuran
Concen: 83.199 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.276 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

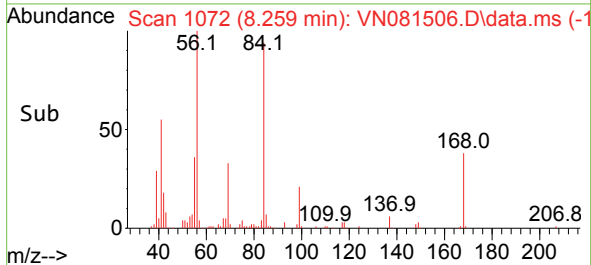
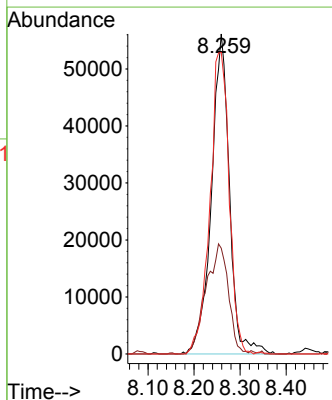
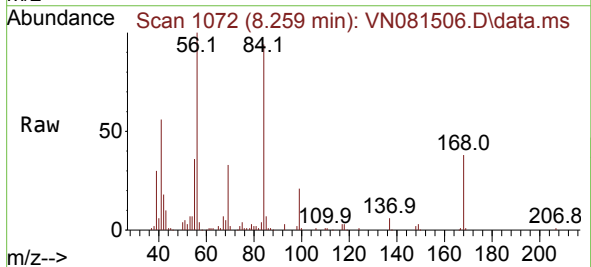


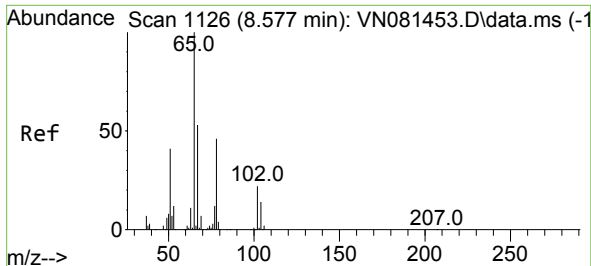
Tgt Ion: 42 Resp: 225456
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 7.4 28.3 42.5#



#31
Cyclohexane
Concen: 12.939 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 56 Resp: 152797
Ion Ratio Lower Upper
56 100
69 33.1 20.1 30.1#
84 94.2 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 47.785 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

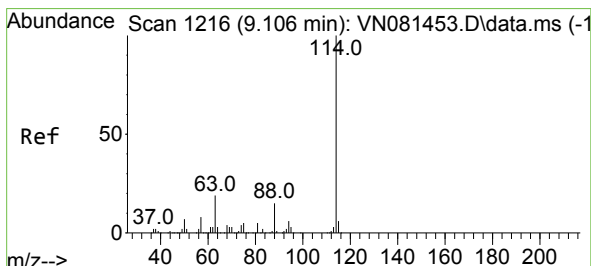
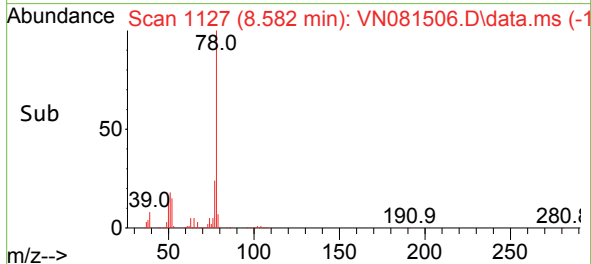
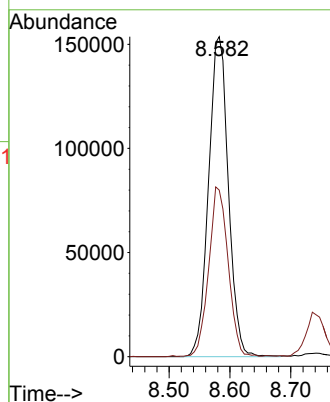
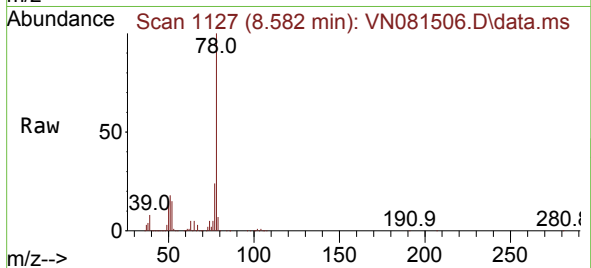
ClientSampleId :

Tgt Ion: 65 Resp: 346768

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

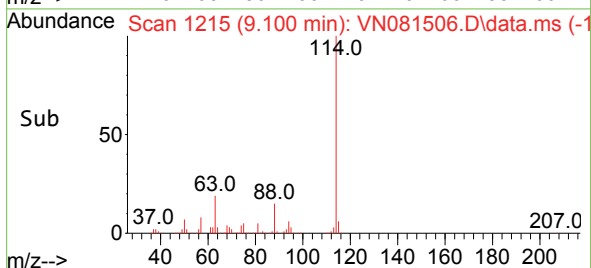
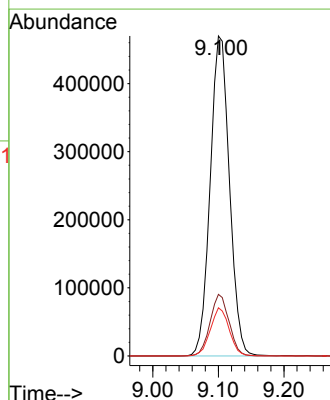
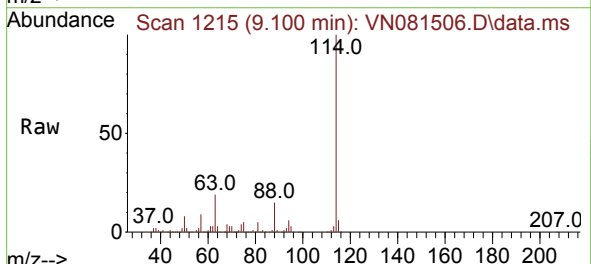
Tgt Ion:114 Resp: 958057

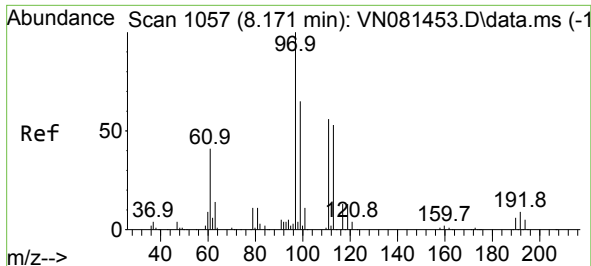
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.1 0.0 34.8

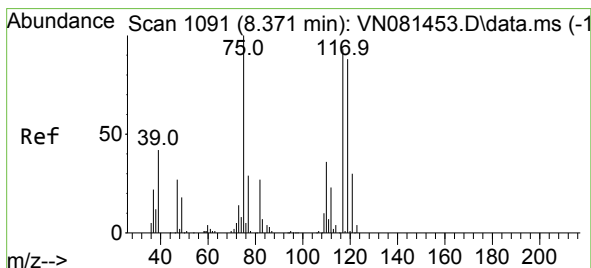
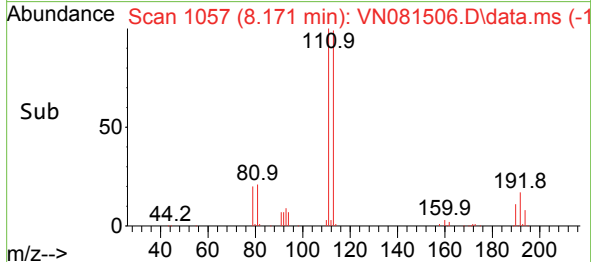
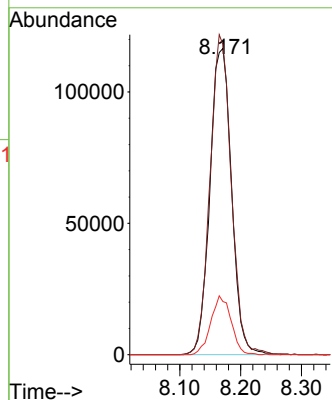
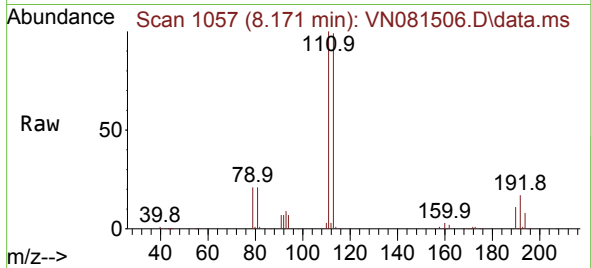




#35
Dibromofluoromethane
Concen: 47.615 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

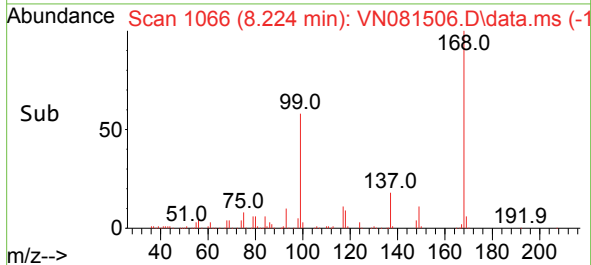
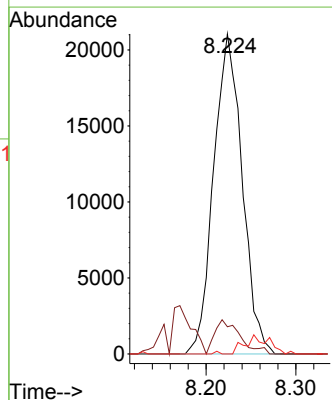
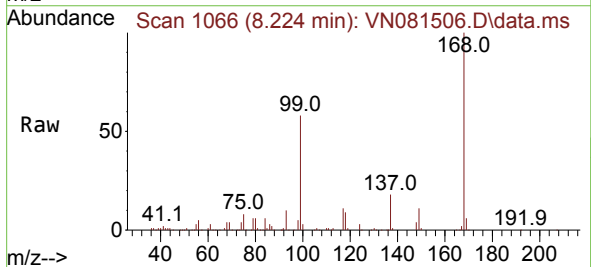
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 287898
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 18.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.561 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

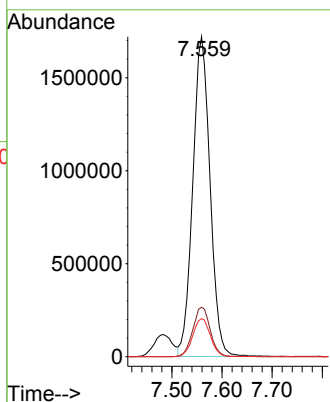
Tgt Ion: 75 Resp: 46407
Ion Ratio Lower Upper
75 100
110 9.4 16.0 48.0#
77 0.0 25.8 38.6#





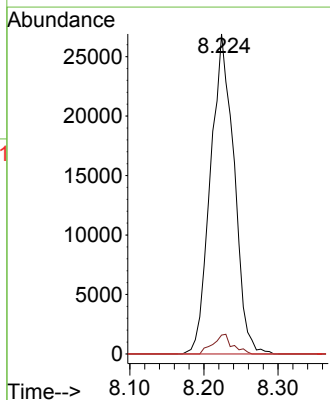
Acq: 20 Mar 2024 20:09

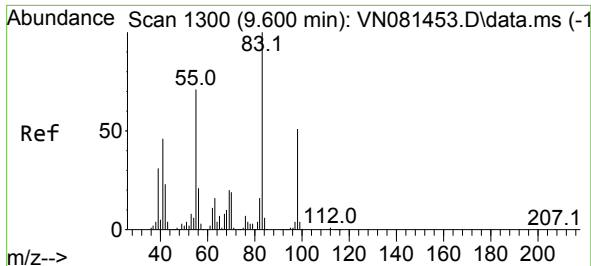
ClientSampleId :



Acq: 20 Mar 2024 20:09

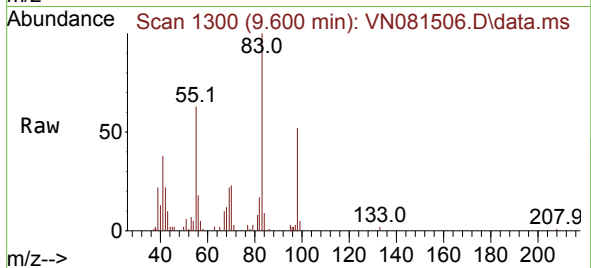
121	0.0	24.4	36.6#
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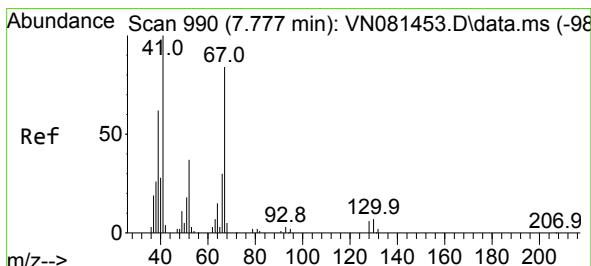
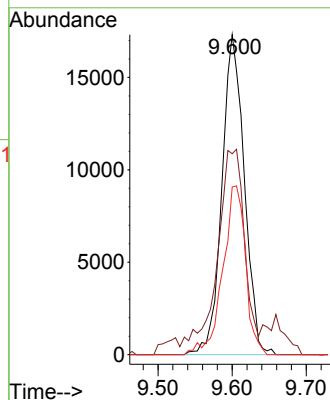
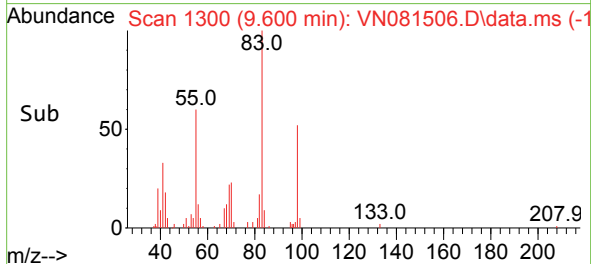


#39
Methylcyclohexane
Concen: 3.193 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

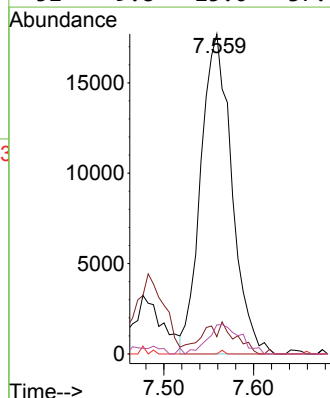
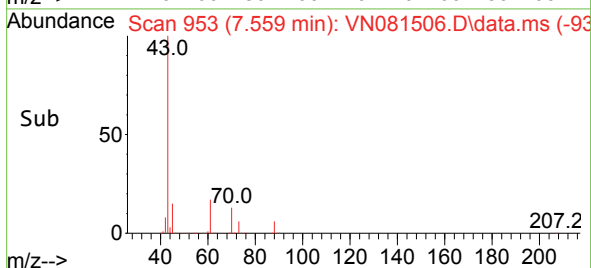
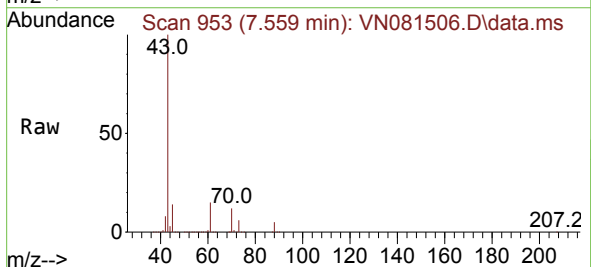


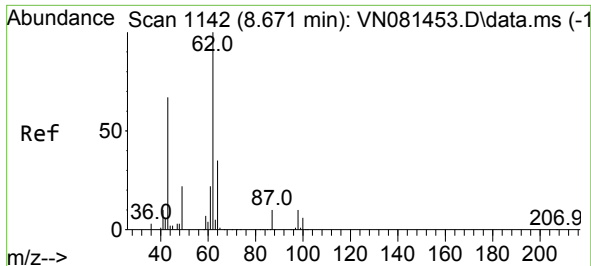
Tgt Ion: 83 Resp: 36286
Ion Ratio Lower Upper
83 100
55 60.3 65.7 98.5#
98 52.4 33.8 50.6#



#41
Methacrylonitrile
Concen: 9.201 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.218 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 41 Resp: 42396
Ion Ratio Lower Upper
41 100
39 2.5 48.4 72.6#
67 0.0 56.8 85.2#
52 9.8 25.0 37.4#





#42

1,2-Dichloroethane

Concen: 25.968 ug/l

RT: 8.606 min Scan# 11

Delta R.T. -0.065 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

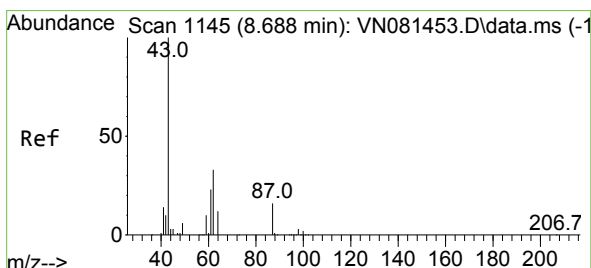
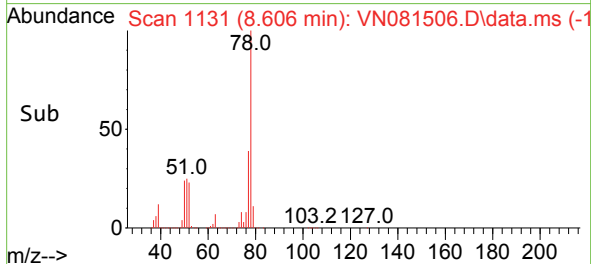
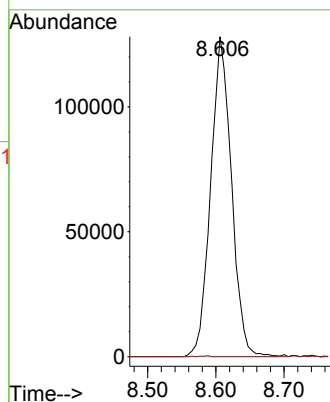
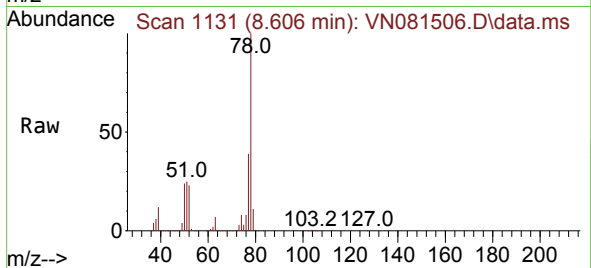
ClientSampleId :

Tgt Ion: 62 Resp: 271854

Ion Ratio Lower Upper

62 100

98 0.1 0.0 18.0



#43

Isopropyl Acetate

Concen: 4.920 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.029 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

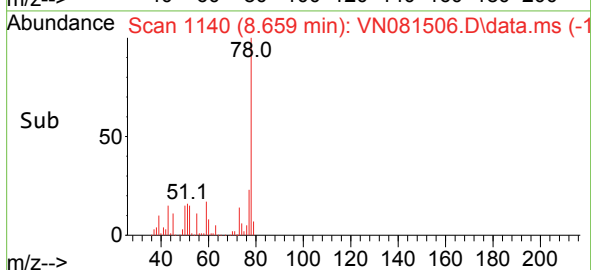
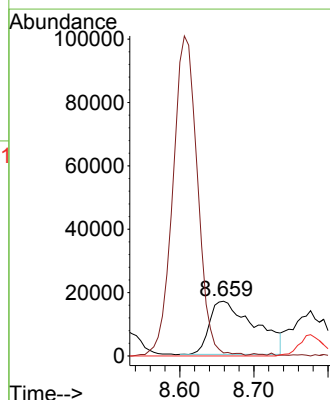
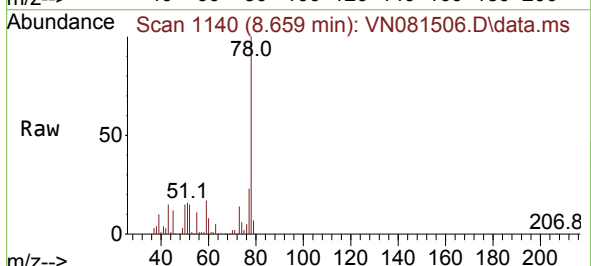
Tgt Ion: 43 Resp: 71059

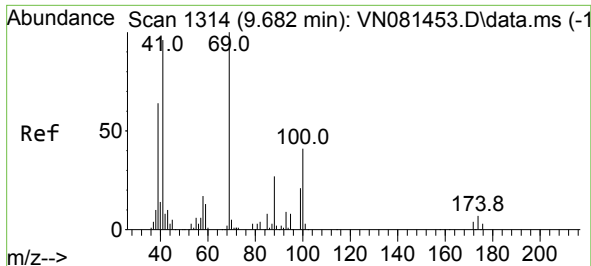
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#





#48

Methyl methacrylate

Concen: 2.846 ug/l

RT: 9.653 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN081506.D

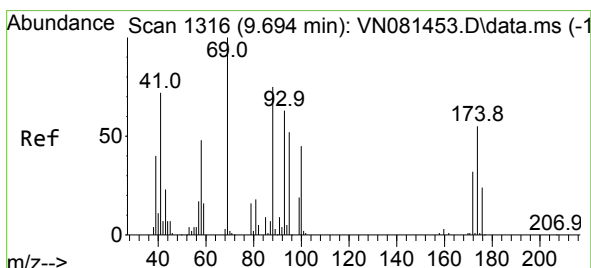
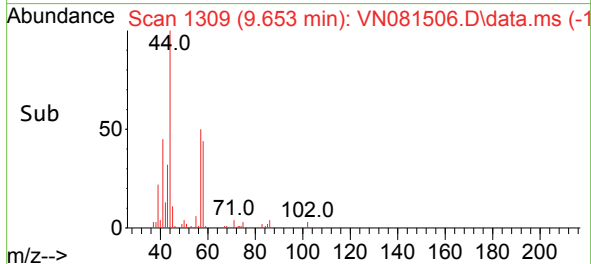
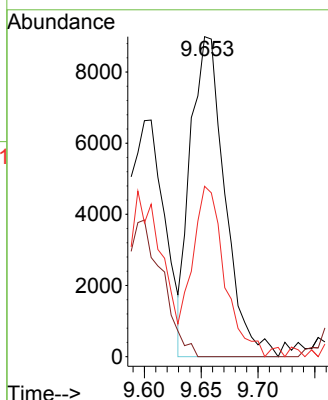
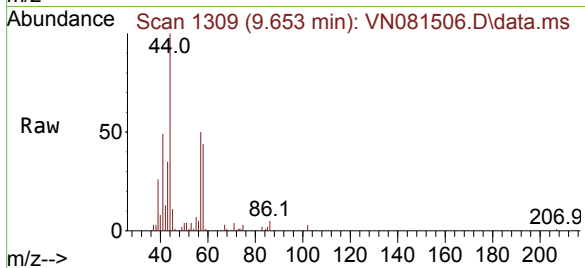
Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	41	Resp:	18956
Ion Ratio	Lower	Upper	
41	100		
69	0.0	62.2	93.2#
39	45.6	47.6	71.4#



#49

1,4-Dioxane

Concen: 0.337 ug/l

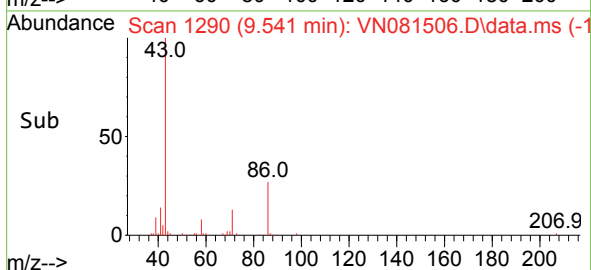
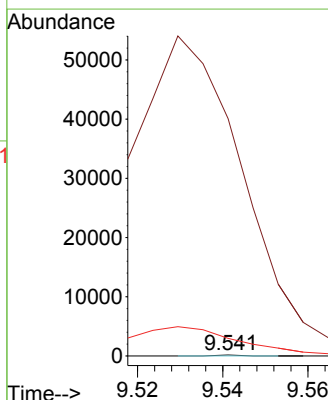
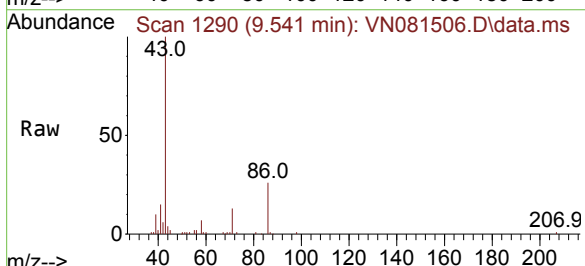
RT: 9.541 min Scan# 1290

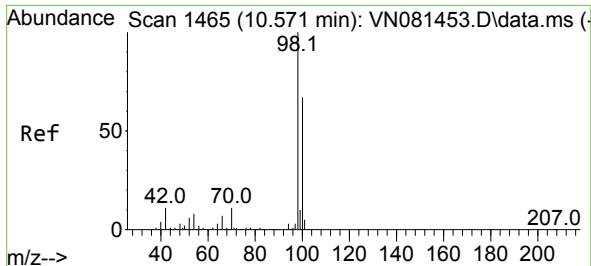
Delta R.T. -0.153 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Tgt Ion:	88	Resp:	54
Ion Ratio	Lower	Upper	
88	100		
43	195466.7	30.1	45.1#
58	17283.3	63.9	95.9#

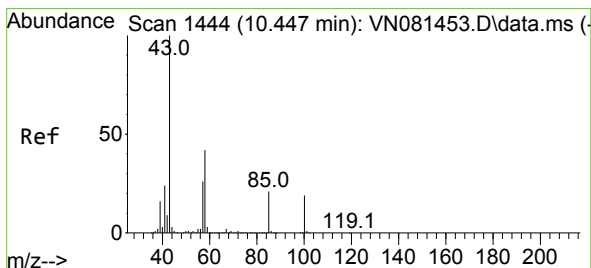
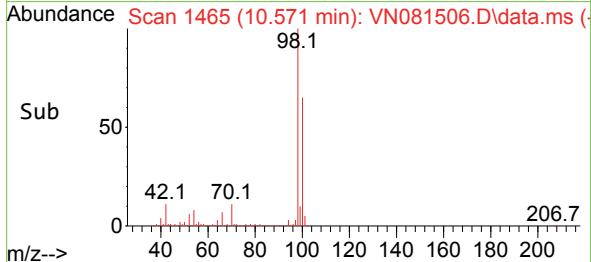
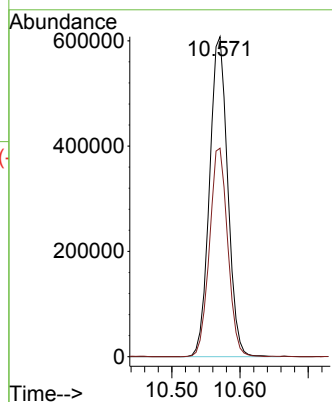
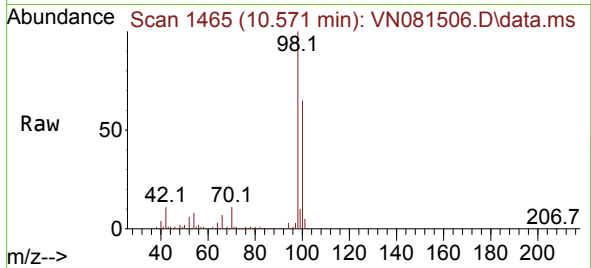




#50
Toluene-d8
Concen: 51.505 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

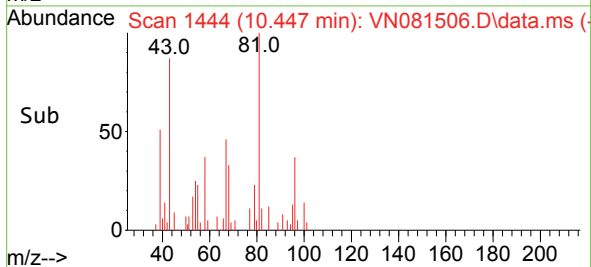
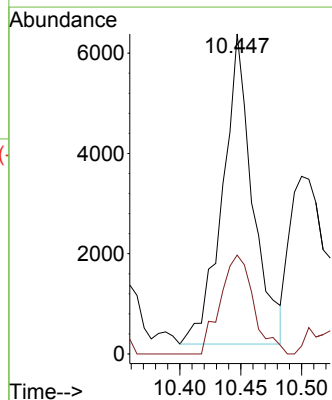
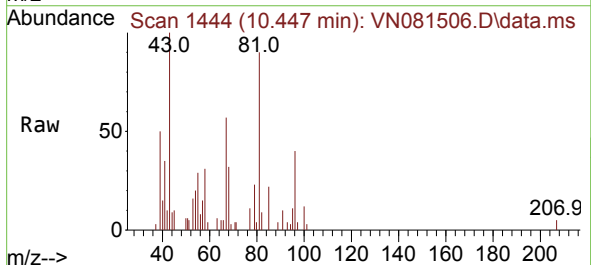
Instrument :
MSVOA_N
ClientSampleId :

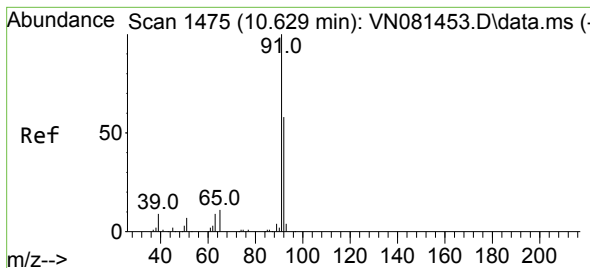
Tgt Ion: 98 Resp: 1125733
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.208 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 43 Resp: 10648
Ion Ratio Lower Upper
43 100
58 35.1 29.4 44.0





#52

Toluene

Concen: 1066.129 ug/l

RT: 10.624 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

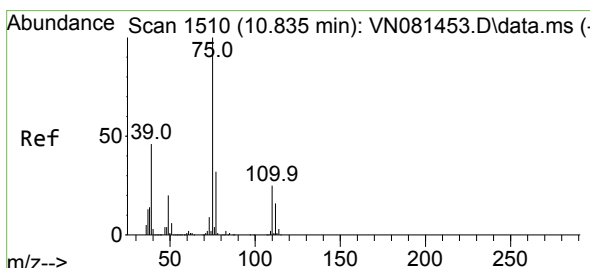
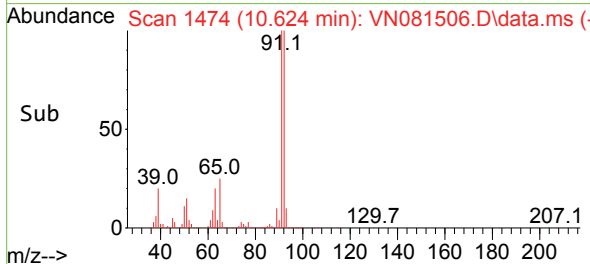
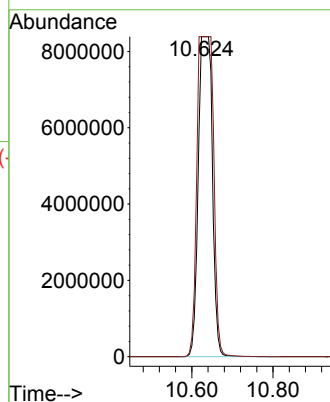
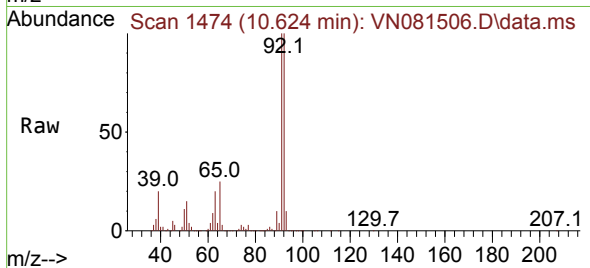
ClientSampleId :

Tgt Ion: 92 Resp:20158022

Ion Ratio Lower Upper

92 100

91 0.0 139.4 209.0#



#53

t-1,3-Dichloropropene

Concen: 28.907 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.200 min

Lab File: VN081506.D

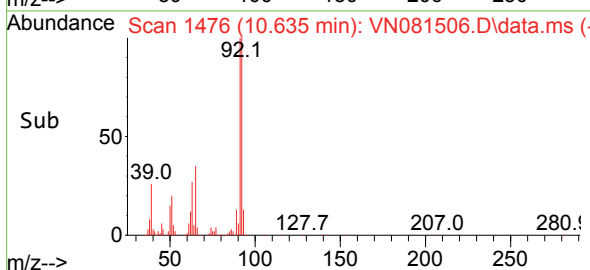
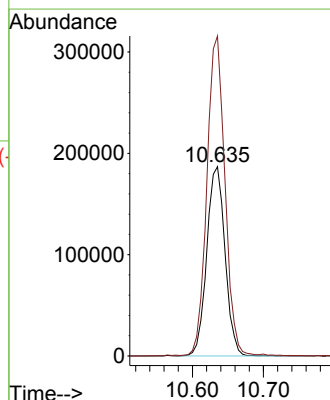
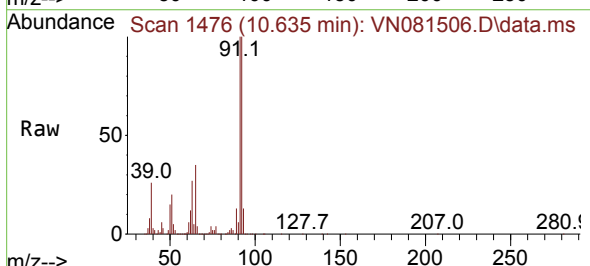
Acq: 20 Mar 2024 20:09

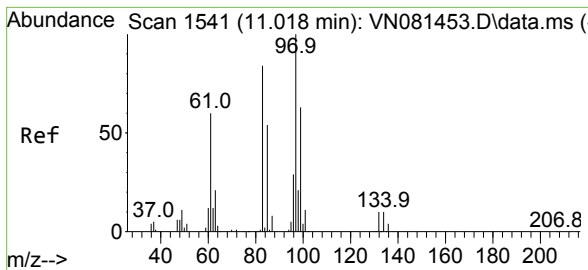
Tgt Ion: 75 Resp: 334133

Ion Ratio Lower Upper

75 100

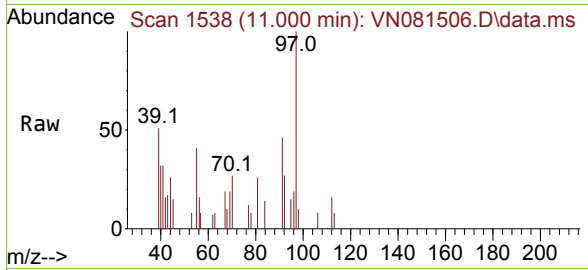
77 168.8 25.5 38.3#



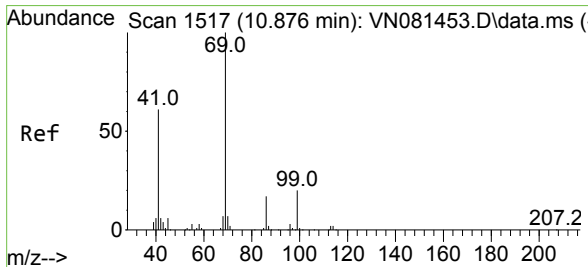
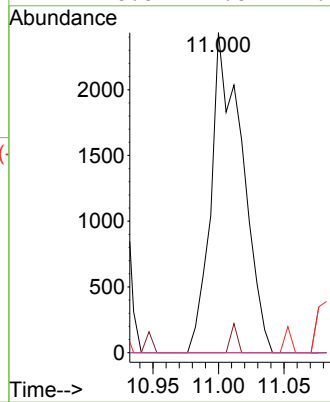
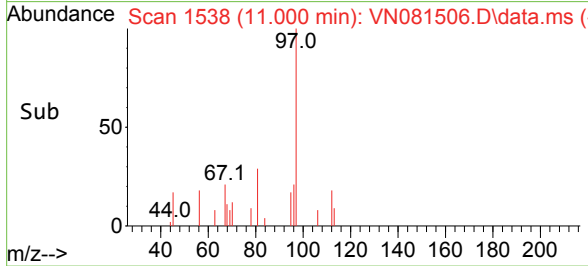


#55
1,1,2-Trichloroethane
Concen: 0.530 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.018 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

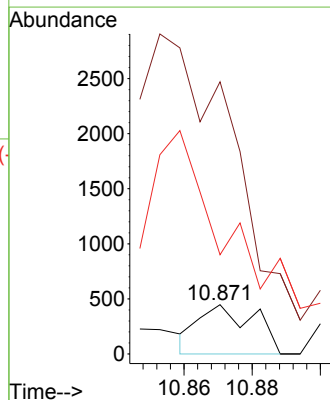
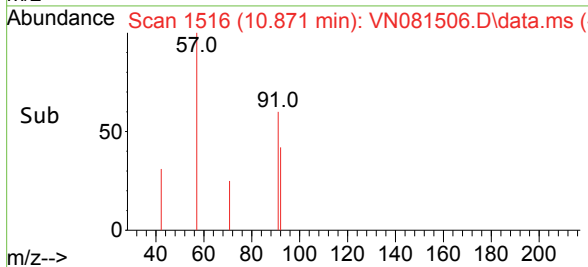
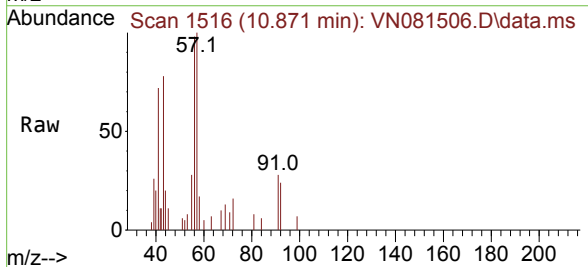


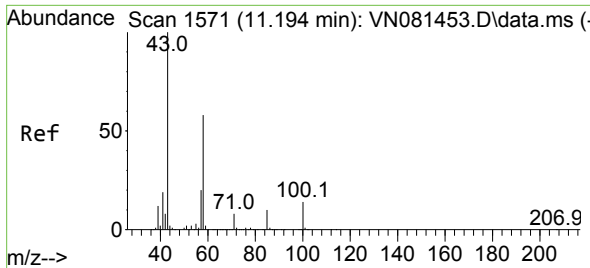
Tgt Ion:	97	Resp:	4034
Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.9	109.3#
85	0.0	50.2	75.2#
99	0.0	49.6	74.4#



#56
Ethyl methacrylate
Concen: 0.619 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.005 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion:	69	Resp:	501
Ion	Ratio	Lower	Upper
69	100		
41	0.0	61.0	91.6#
39	0.0	31.8	47.6#

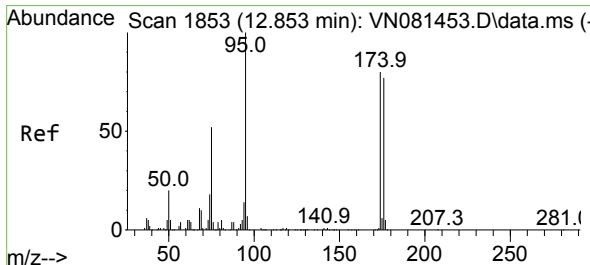
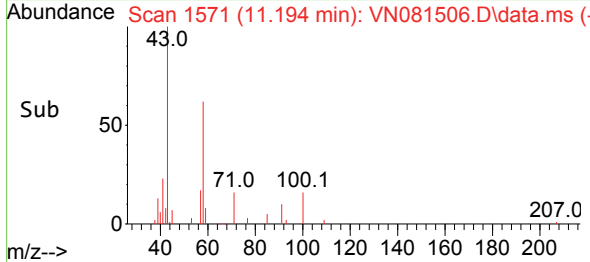
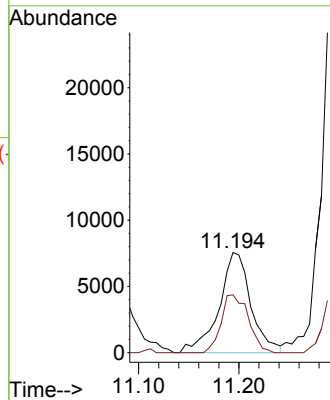
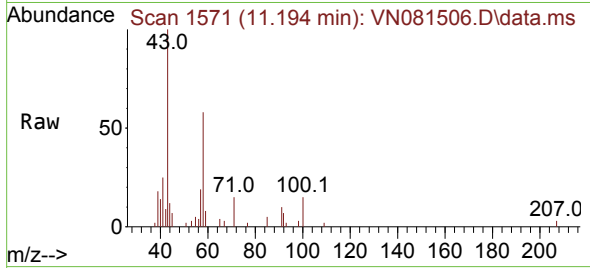




#59
2-Hexanone
Concen: 2.559 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

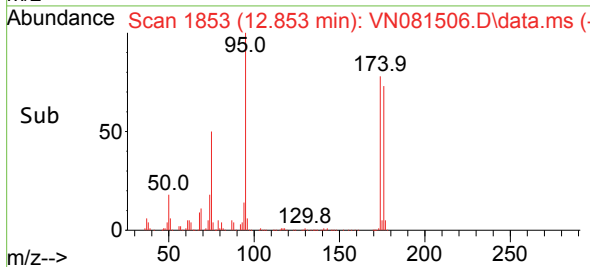
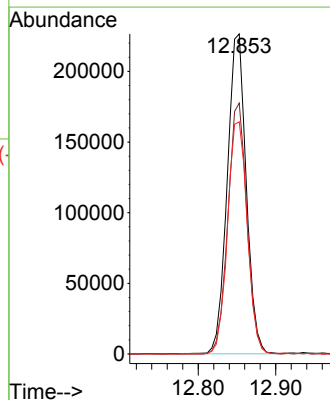
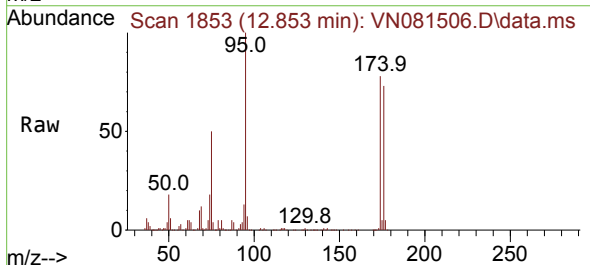
Instrument :
MSVOA_N
ClientSampleId :

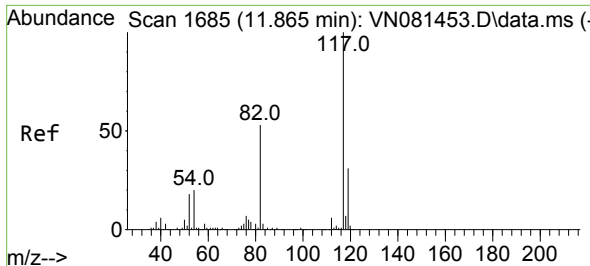
Tgt Ion: 43 Resp: 16677
Ion Ratio Lower Upper
43 100
58 49.3 25.9 77.8



#62
4-Bromofluorobenzene
Concen: 50.015 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

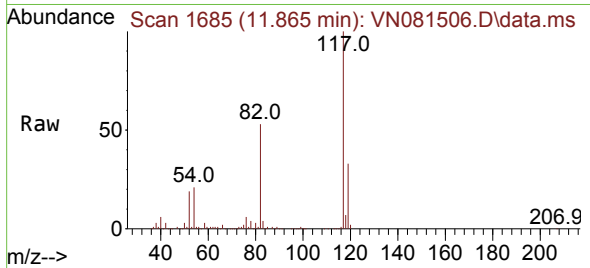
Tgt Ion: 95 Resp: 385186
Ion Ratio Lower Upper
95 100
174 78.8 0.0 120.4
176 75.2 0.0 121.0



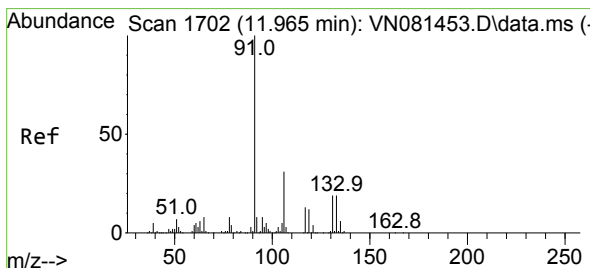
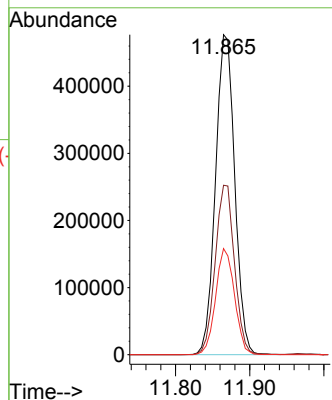
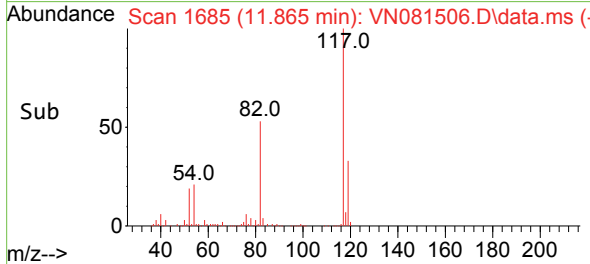


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

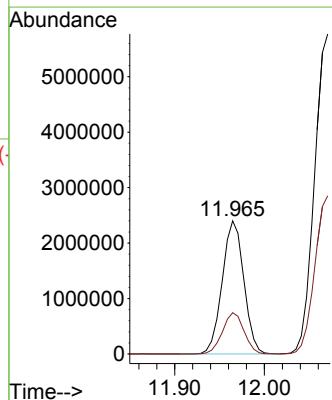
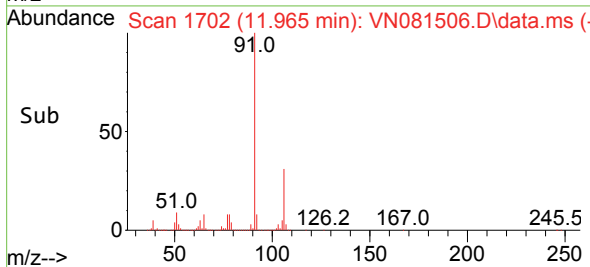
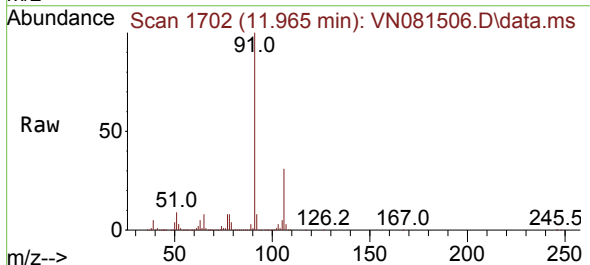


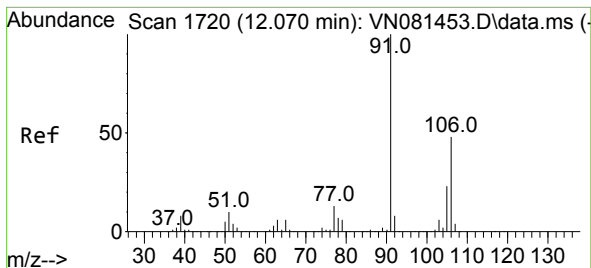
Tgt Ion:117 Resp: 859619
Ion Ratio Lower Upper
117 100
82 52.9 52.7 79.1
119 33.1 25.3 37.9



#67
Ethyl Benzene
Concen: 113.807 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 91 Resp: 4017359
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6

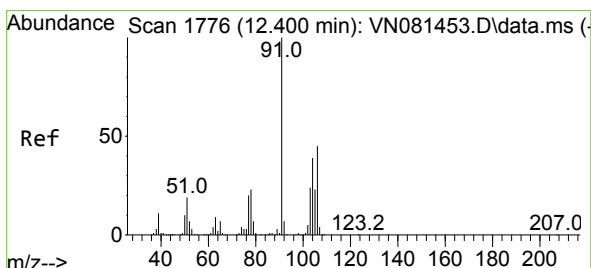
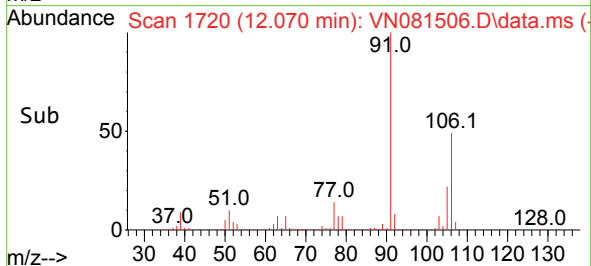
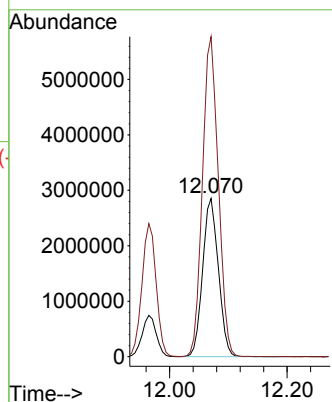
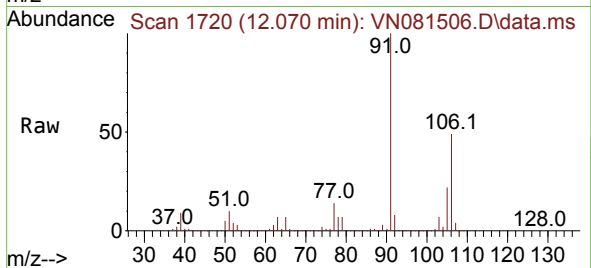




#68
m/p-Xylenes
Concen: 399.818 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

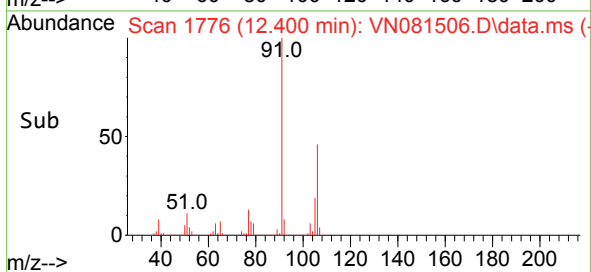
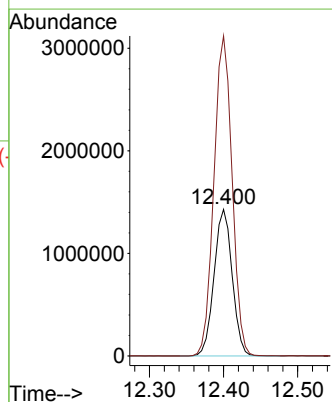
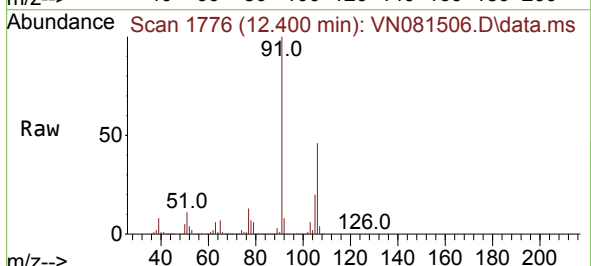
Instrument :
MSVOA_N
ClientSampleId :

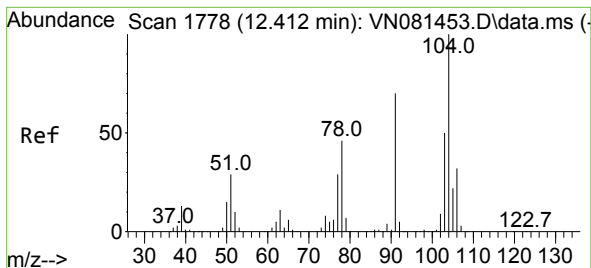
Tgt Ion:106 Resp: 5290910
Ion Ratio Lower Upper
106 100
91 204.4 169.0 253.6



#69
o-Xylene
Concen: 186.815 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion:106 Resp: 2427002
Ion Ratio Lower Upper
106 100
91 218.9 112.1 336.3





#70

Styrene

Concen: 6.234 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

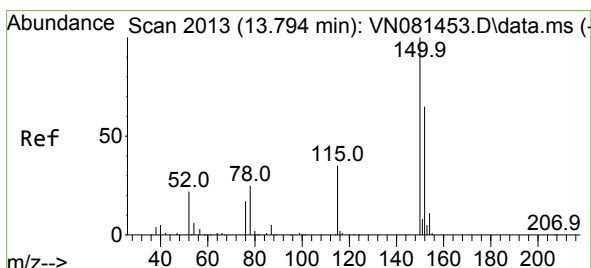
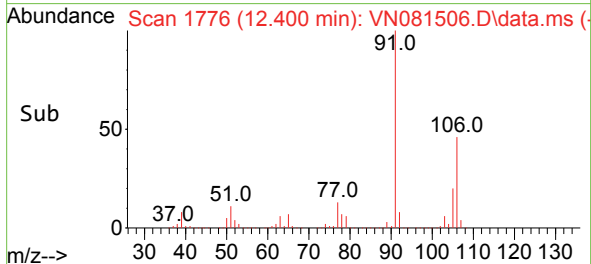
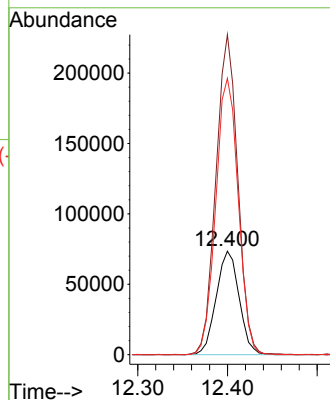
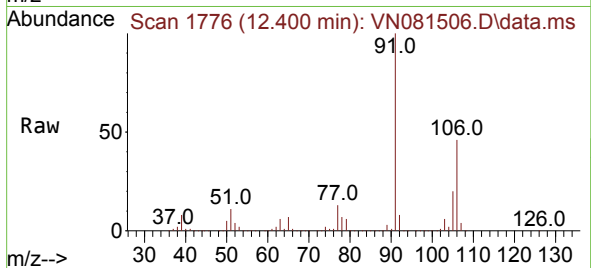
Tgt Ion:104 Resp: 130620

Ion Ratio Lower Upper

104 100

78 294.0 43.8 65.8#

103 261.9 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

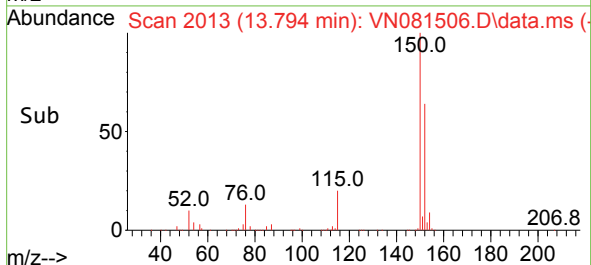
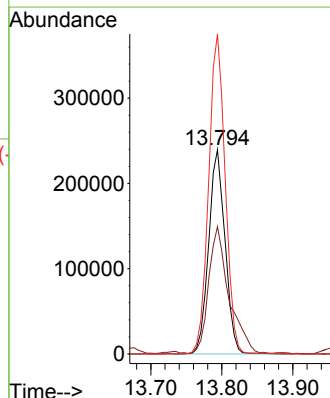
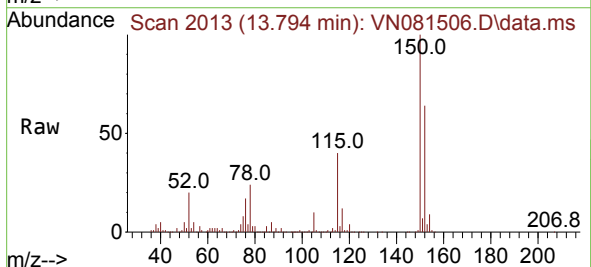
Tgt Ion:152 Resp: 384755

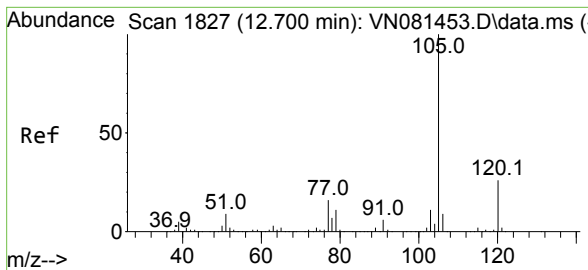
Ion Ratio Lower Upper

152 100

115 76.9 32.3 96.8

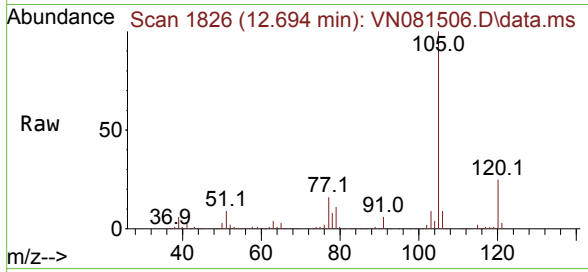
150 157.8 0.0 339.8



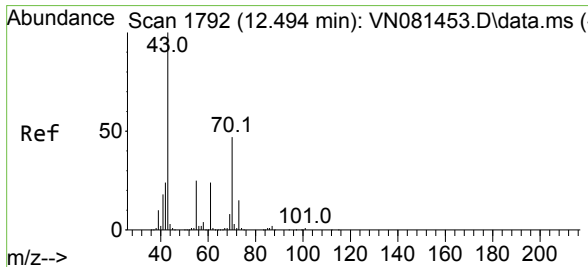
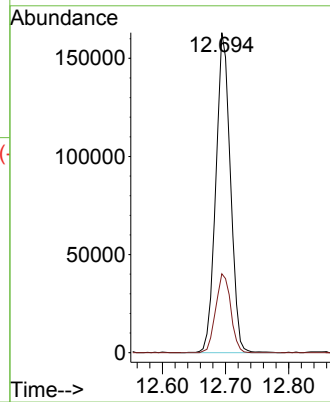
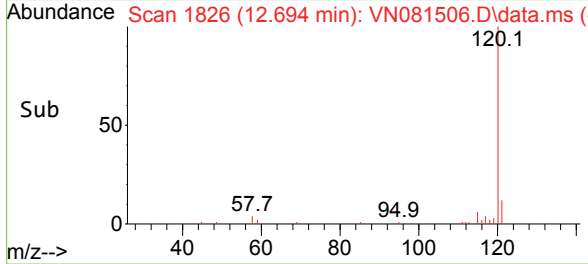


#73
Isopropylbenzene
Concen: 7.960 ug/l
RT: 12.694 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

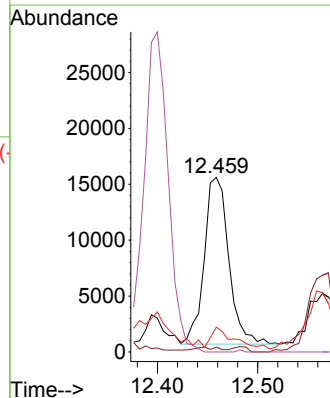
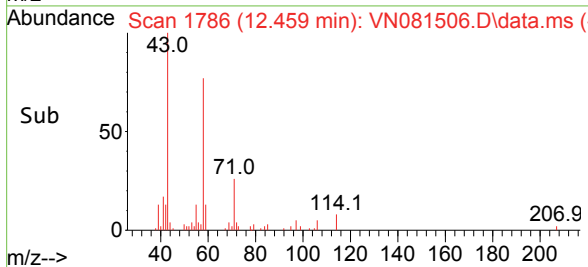
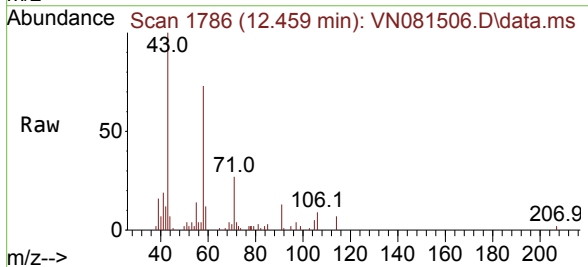


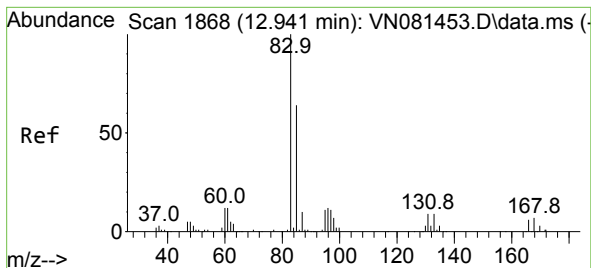
Tgt Ion:105 Resp: 261068
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.6



#74
N-ethyl acetate
Concen: 2.146 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 43 Resp: 25465
Ion Ratio Lower Upper
43 100
70 0.0 30.1 45.1#
55 11.6 17.0 25.4#
61 0.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.265 ug/l

RT: 12.965 min Scan# 1872

Delta R.T. 0.024 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

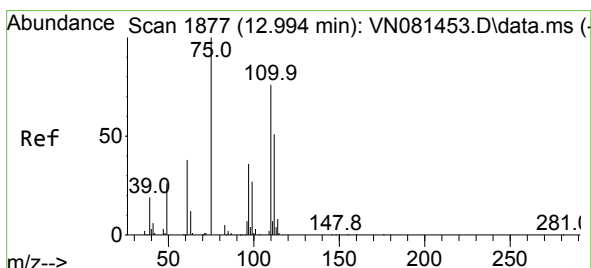
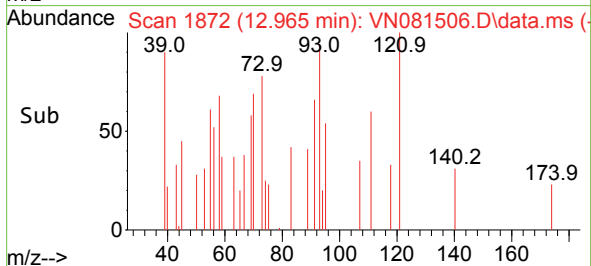
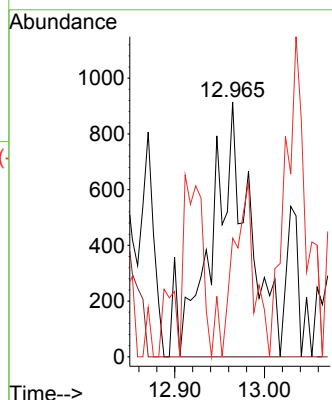
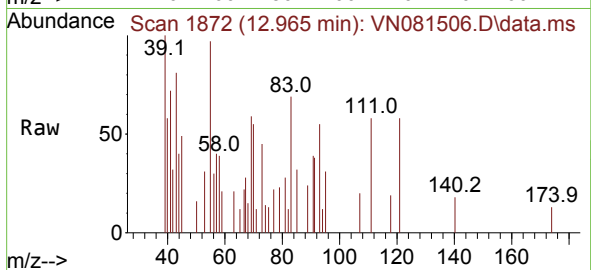
Tgt Ion: 83 Resp: 2554

Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

85 40.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 2.870 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.106 min

Lab File: VN081506.D

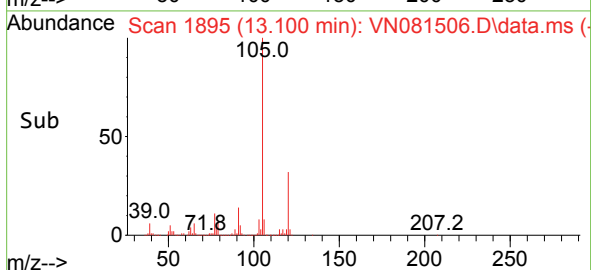
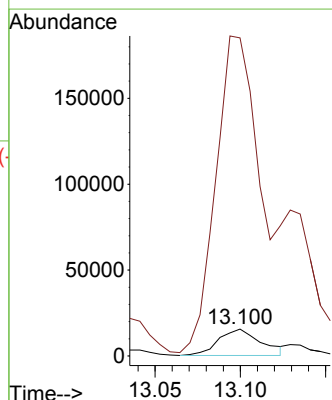
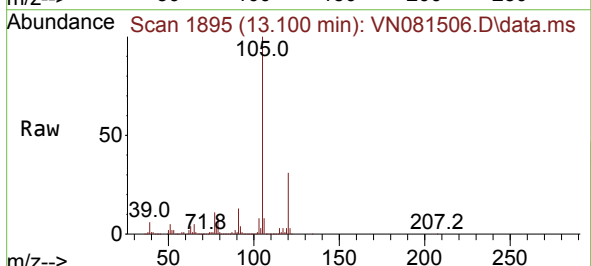
Acq: 20 Mar 2024 20:09

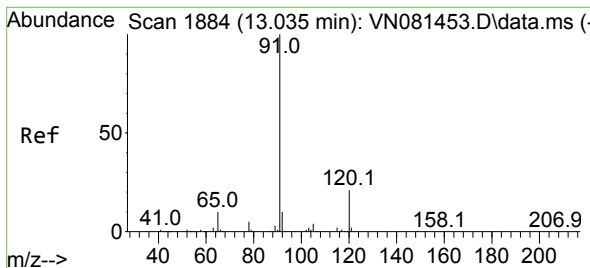
Tgt Ion: 75 Resp: 26413

Ion Ratio Lower Upper

75 100

77 1306.7 91.0 272.8#





#78

n-propylbenzene

Concen: 20.188 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

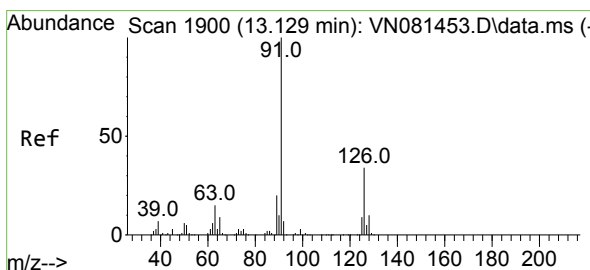
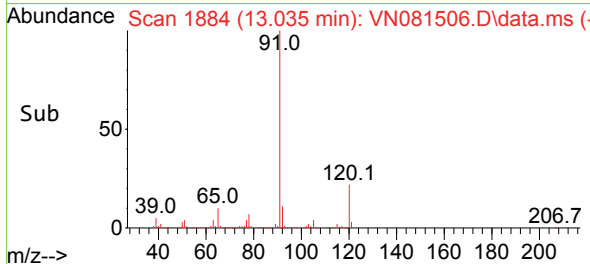
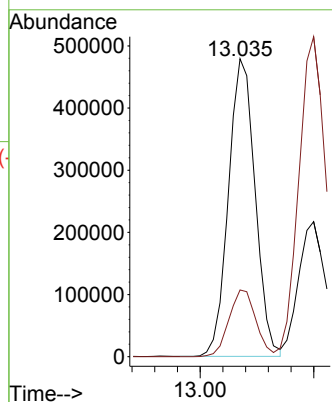
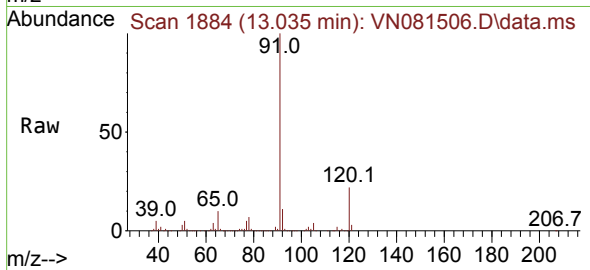
ClientSampleId :

Tgt Ion: 91 Resp: 781892

Ion Ratio Lower Upper

91 100

120 22.6 10.3 30.9



#79

2-Chlorotoluene

Concen: 14.990 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.029 min

Lab File: VN081506.D

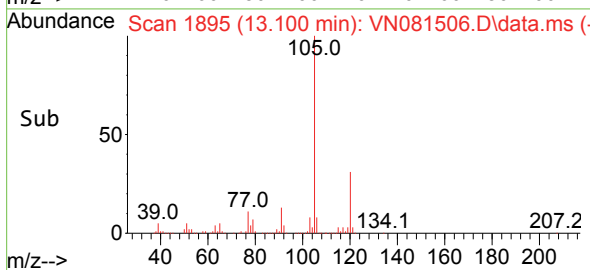
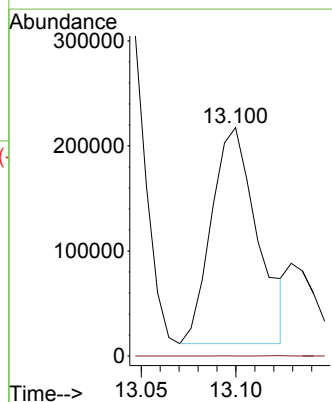
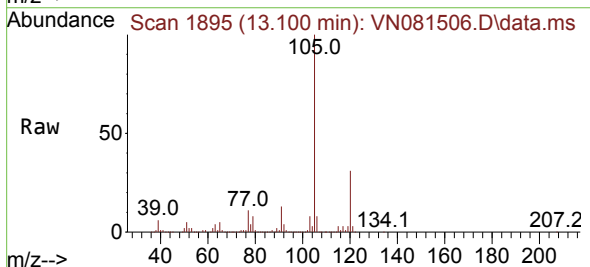
Acq: 20 Mar 2024 20:09

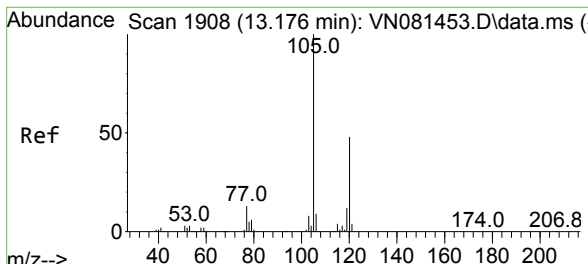
Tgt Ion: 91 Resp: 347484

Ion Ratio Lower Upper

91 100

126 0.0 14.8 44.4#

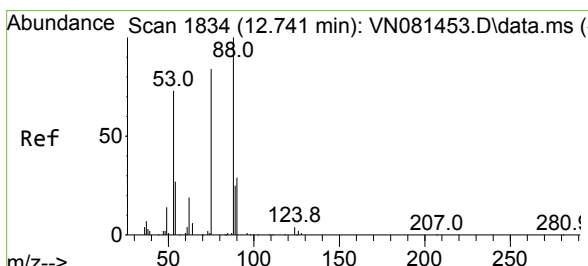
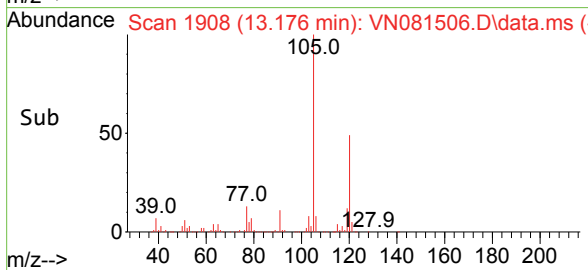
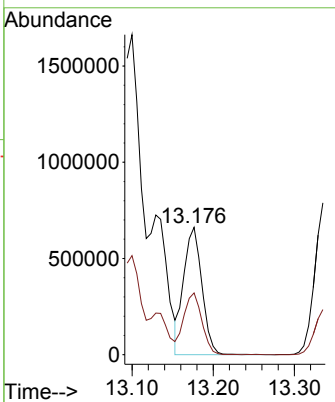
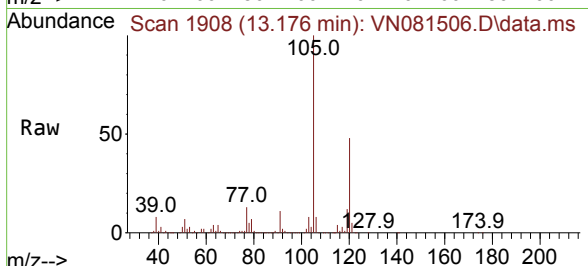




#80
 1,3,5-Trimethylbenzene
 Concen: 38.237 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081506.D
 Acq: 20 Mar 2024 20:09

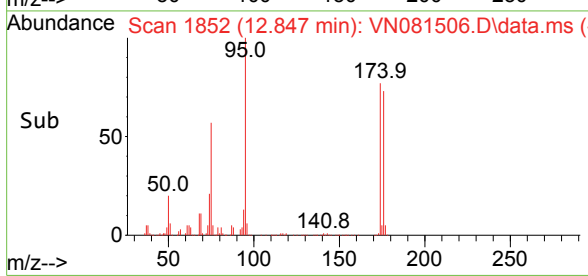
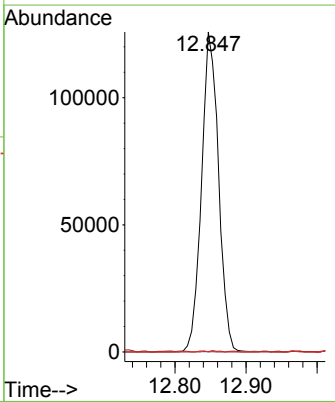
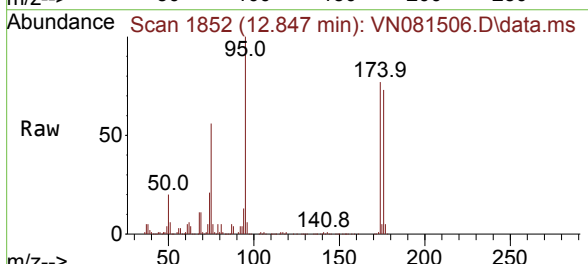
Instrument :
 MSVOA_N
 ClientSampleId :

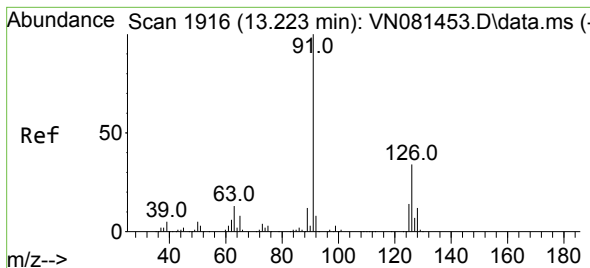
Tgt Ion:105 Resp: 1035779
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.0 69.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.558 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081506.D
 Acq: 20 Mar 2024 20:09

Tgt Ion: 75 Resp: 209654
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.0 33.4 50.0#

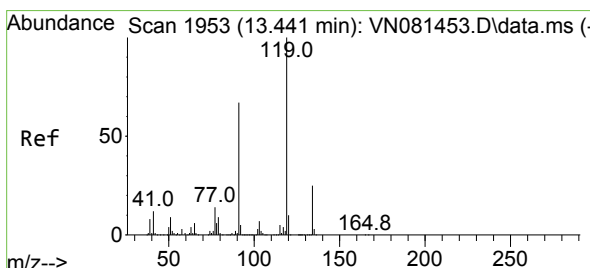
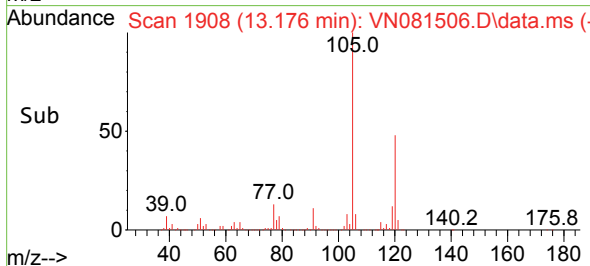
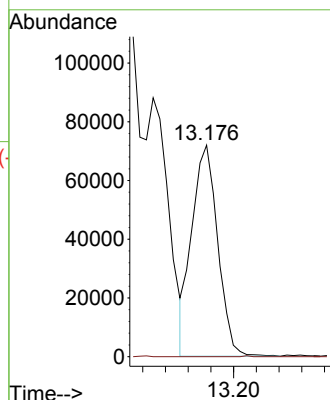
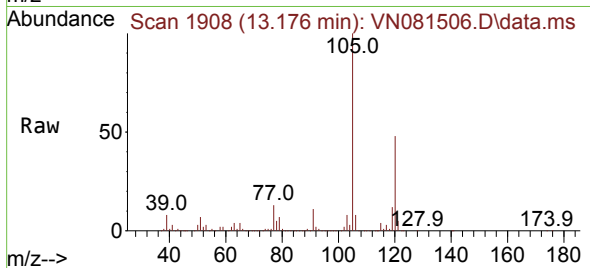




#82
4-Chlorotoluene
Concen: 4.978 ug/l
RT: 13.176 min Scan# 1916
Delta R.T. -0.047 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

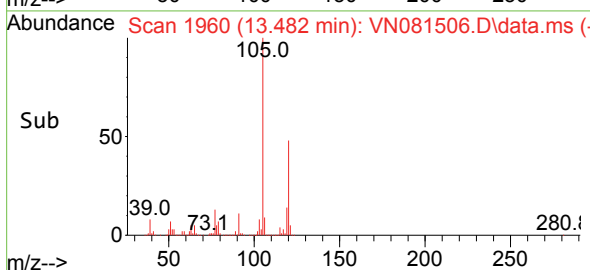
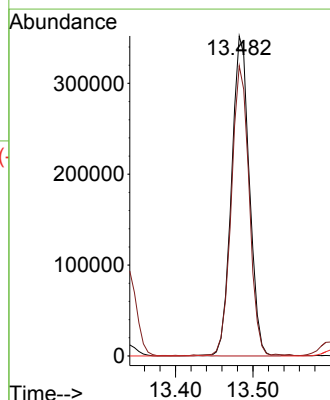
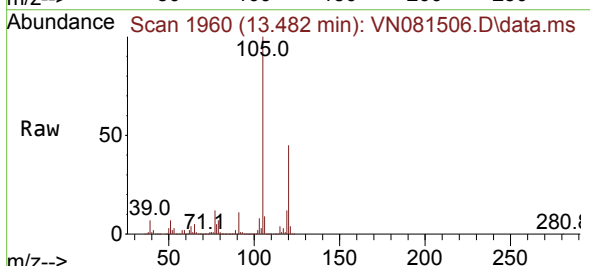
Instrument :
MSVOA_N
ClientSampleId :

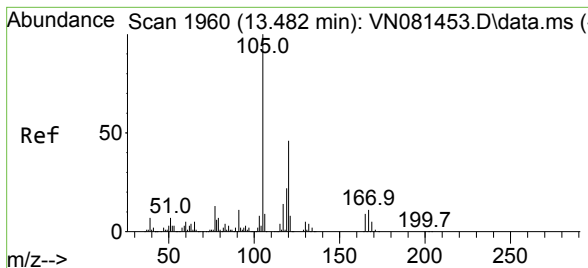
Tgt Ion: 91 Resp: 113776
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#



#83
tert-Butylbenzene
Concen: 24.238 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 119 Resp: 566179
Ion Ratio Lower Upper
119 100
91 90.4 36.8 110.4
134 0.0 12.4 37.4#

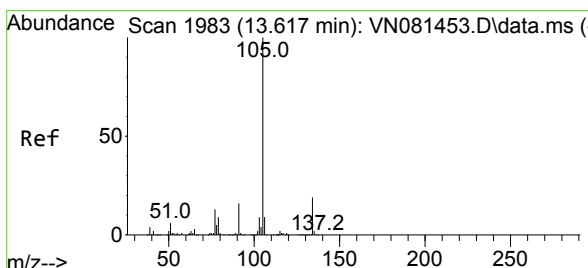
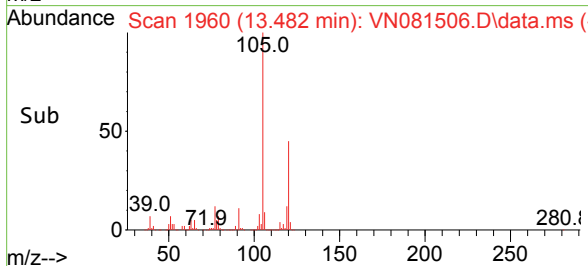
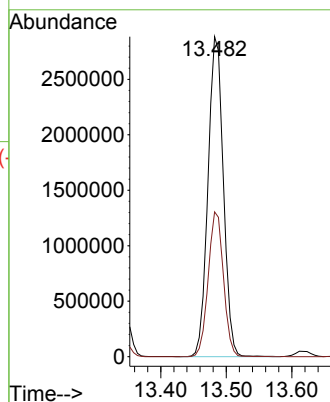
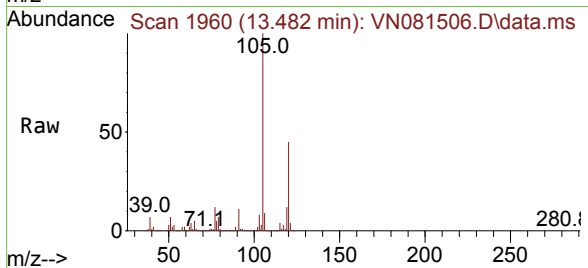




#84
 1,2,4-Trimethylbenzene
 Concen: 172.652 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081506.D
 Acq: 20 Mar 2024 20:09

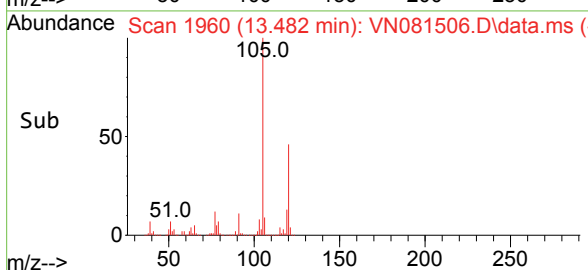
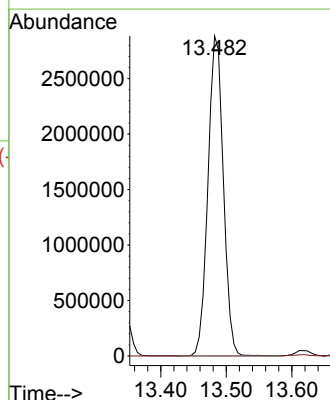
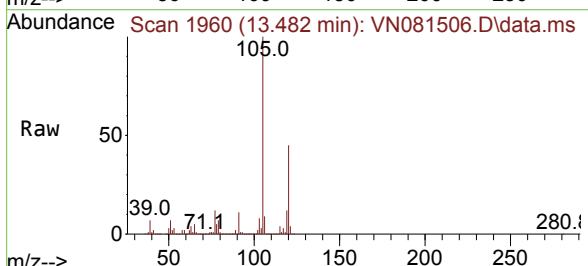
Instrument :
 MSVOA_N
 ClientSampleId :

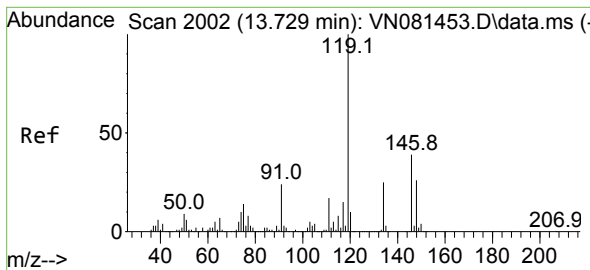
Tgt Ion:105 Resp: 4700625
 Ion Ratio Lower Upper
 105 100
 120 44.9 20.9 62.7



#85
 sec-Butylbenzene
 Concen: 140.766 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.135 min
 Lab File: VN081506.D
 Acq: 20 Mar 2024 20:09

Tgt Ion:105 Resp: 4700625
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.6 25.8#

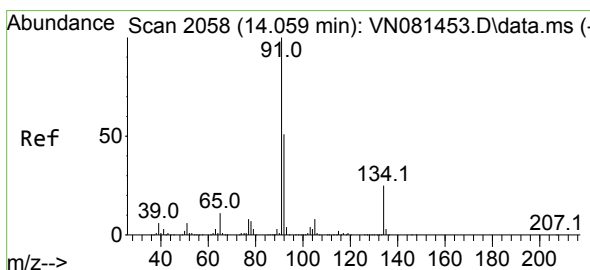
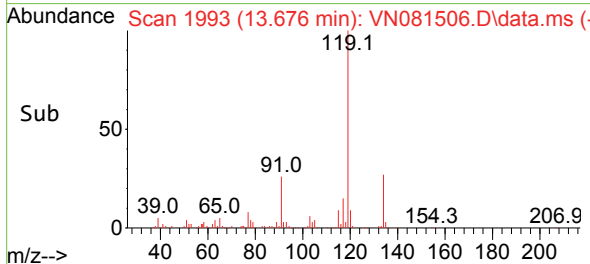
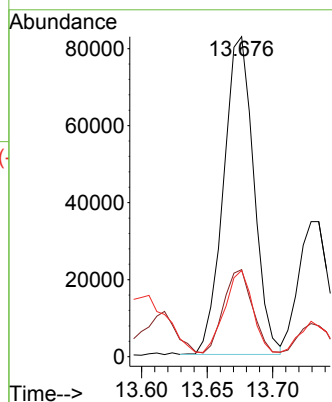
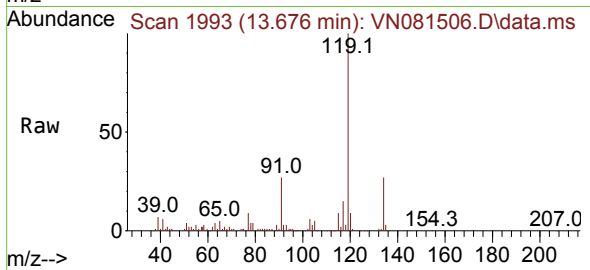




#86
p-Isopropyltoluene
Concen: 4.862 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. -0.053 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

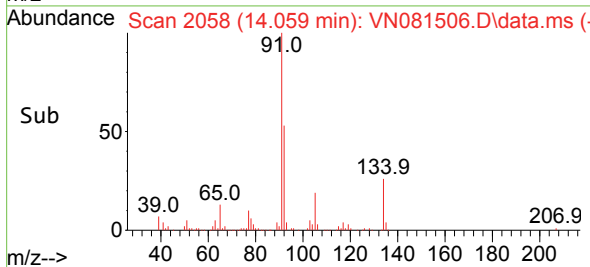
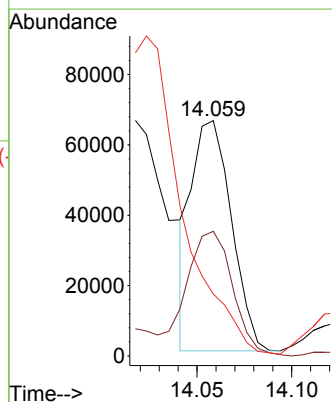
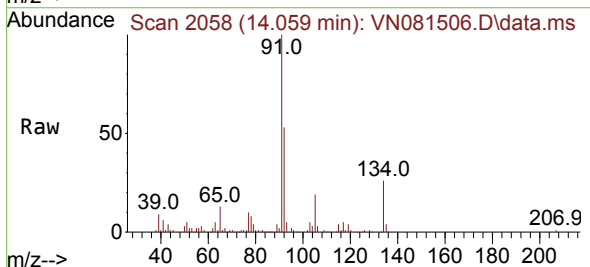
Instrument :
MSVOA_N
ClientSampleId :

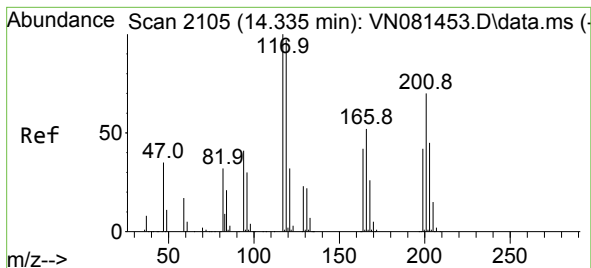
Tgt Ion:119 Resp: 132729
Ion Ratio Lower Upper
119 100
134 27.3 12.4 37.2
91 24.0 13.5 40.4



#89
n-Butylbenzene
Concen: 3.958 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Tgt Ion: 91 Resp: 95793
Ion Ratio Lower Upper
91 100
92 63.2 26.7 80.1
134 0.0 10.8 32.4#





#90

Hexachloroethane

Concen: 9.046 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

Instrument :

MSVOA_N

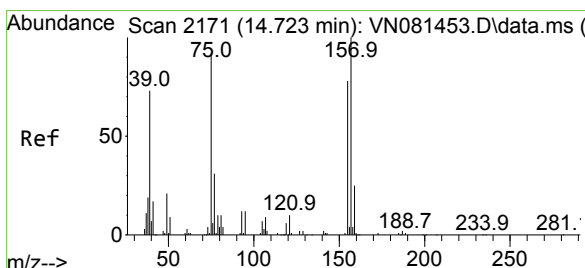
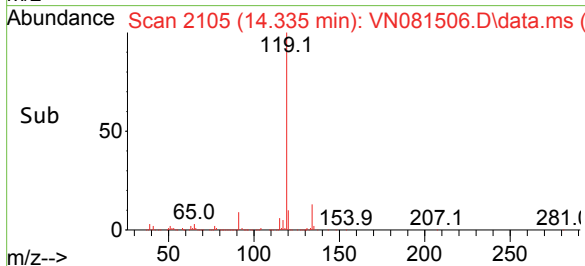
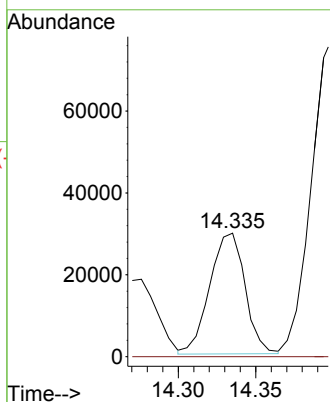
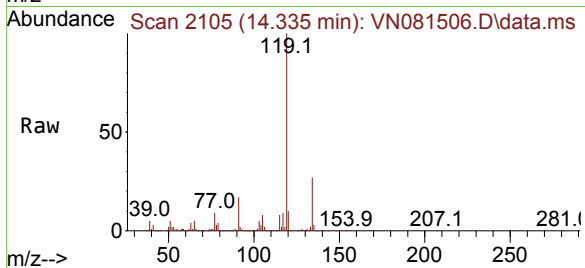
ClientSampleId :

Tgt Ion:117 Resp: 46765

Ion Ratio Lower Upper

117 100

201 0.0 30.0 90.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.332 ug/l

RT: 14.735 min Scan# 2173

Delta R.T. 0.012 min

Lab File: VN081506.D

Acq: 20 Mar 2024 20:09

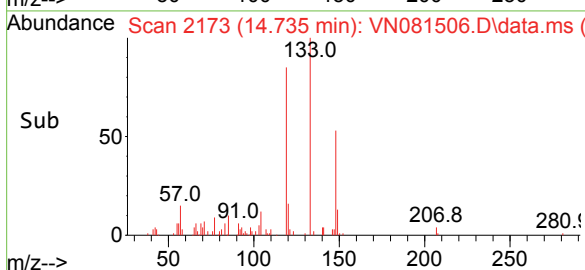
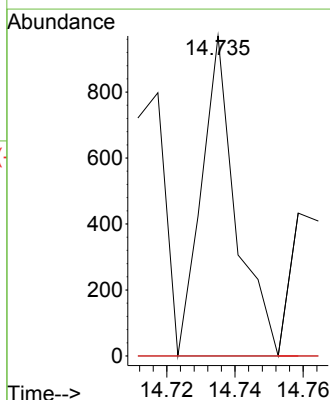
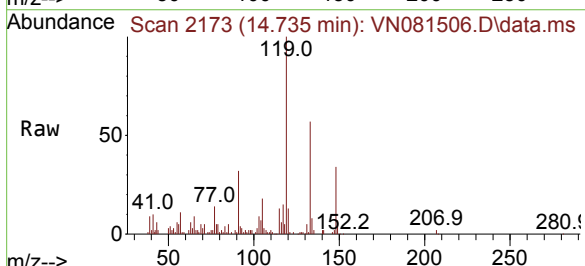
Tgt Ion: 75 Resp: 682

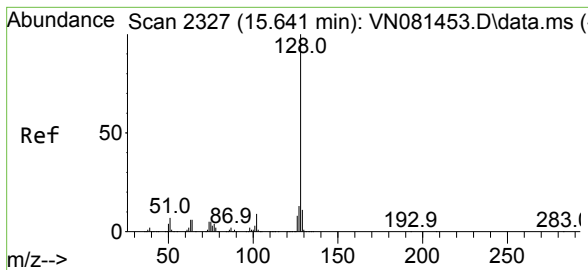
Ion Ratio Lower Upper

75 100

155 0.0 31.8 95.4#

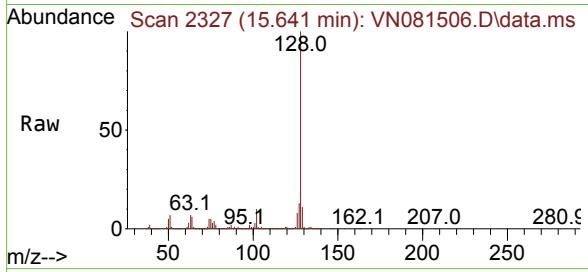
157 0.0 41.1 123.4#





#95
Naphthalene
Concen: 34.796 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081506.D
Acq: 20 Mar 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 934019
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.8 8.7 13.1

