

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081784.D
 Acq On : 18 Apr 2024 13:54
 Operator : JC\MD
 Sample : VN0418WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:22:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	250714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	416606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	185896	52.692	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.380%
35) Dibromofluoromethane	8.165	113	144093	49.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.760%
50) Toluene-d8	10.571	98	571645	53.175	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.847	95	207423	56.463	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	112.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	61439	19.350	ug/l	99
3) Chloromethane	2.359	50	69551	24.465	ug/l	99
4) Vinyl Chloride	2.518	62	73511	18.917	ug/l	96
5) Bromomethane	2.965	94	50447	21.486	ug/l	98
6) Chloroethane	3.124	64	54704	22.316	ug/l	94
7) Trichlorofluoromethane	3.500	101	136792	27.260	ug/l	99
8) Diethyl Ether	3.959	74	44695	25.373	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	76204	24.245	ug/l	94
10) Methyl Iodide	4.589	142	63439	37.606	ug/l	96
11) Tert butyl alcohol	5.512	59	47382	98.457	ug/l	97
12) 1,1-Dichloroethene	4.342	96	71720	24.077	ug/l	94
13) Acrolein	4.177	56	55635	108.748	ug/l	97
14) Allyl chloride	5.024	41	67728	17.916	ug/l	99
15) Acrylonitrile	5.724	53	122805	92.466	ug/l	97
16) Acetone	4.424	43	114930	117.047	ug/l	93
17) Carbon Disulfide	4.712	76	184899	21.356	ug/l	96
18) Methyl Acetate	5.024	43	53950	19.644	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	172812	19.932	ug/l	96
20) Methylene Chloride	5.277	84	59011	19.003	ug/l	99
21) trans-1,2-Dichloroethene	5.788	96	55698	18.616	ug/l	85
22) Diisopropyl ether	6.665	45	167437	20.353	ug/l	96
23) Vinyl Acetate	6.600	43	645996	100.598	ug/l	96
24) 1,1-Dichloroethane	6.565	63	102356	18.910	ug/l #	96
25) 2-Butanone	7.488	43	156319	96.569	ug/l	93
26) 2,2-Dichloropropane	7.494	77	94414	20.010	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	67271	18.380	ug/l	94
28) Bromochloromethane	7.818	49	43838	18.970	ug/l	95
29) Tetrahydrofuran	7.841	42	108179	103.297	ug/l	99
30) Chloroform	7.965	83	114035	18.579	ug/l	99
31) Cyclohexane	8.265	56	86942	17.965	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	105555	19.394	ug/l	97
36) 1,1-Dichloropropene	8.371	75	76481	18.811	ug/l	98
37) Ethyl Acetate	7.559	43	70297	21.042	ug/l	96
38) Carbon Tetrachloride	8.359	117	90060	19.040	ug/l	93
39) Methylcyclohexane	9.606	83	87343	18.235	ug/l	99
40) Benzene	8.606	78	237956	18.789	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	39189	21.609	ug/l	97
42) 1,2-Dichloroethane	8.671	62	84659	19.176	ug/l	98
43) Isopropyl Acetate	8.688	43	119001	19.093	ug/l	99
44) Trichloroethene	9.353	130	60704	18.432	ug/l	99
45) 1,2-Dichloropropane	9.629	63	55028	18.846	ug/l	99
46) Dibromomethane	9.712	93	46062	18.901	ug/l	95
47) Bromodichloromethane	9.888	83	93199	20.020	ug/l #	94
48) Methyl methacrylate	9.682	41	53427	21.031	ug/l	98
49) 1,4-Dioxane	9.694	88	25541	400.875	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	367443	105.992	ug/l	98
52) Toluene	10.635	92	156874	19.501	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	93356	20.131	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	96116	19.456	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	59530	19.699	ug/l	94
56) Ethyl methacrylate	10.876	69	87872	21.133	ug/l	96
57) 1,3-Dichloropropane	11.165	76	100990	19.965	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	220547	100.245	ug/l	100
59) 2-Hexanone	11.194	43	276452	110.159	ug/l	99
60) Dibromochloromethane	11.359	129	69687	19.079	ug/l	97
61) 1,2-Dibromoethane	11.465	107	61768	19.595	ug/l	98
64) Tetrachloroethene	11.106	164	62210	17.600	ug/l	96
65) Chlorobenzene	11.894	112	180190	18.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	59113	18.076	ug/l	99
67) Ethyl Benzene	11.965	91	292993	19.417	ug/l	99
68) m/p-Xylenes	12.076	106	231819	39.508	ug/l	98
69) o-Xylene	12.400	106	117357	20.870	ug/l	99
70) Styrene	12.412	104	187856	20.392	ug/l	98
71) Bromoform	12.582	173	45041	17.849	ug/l #	99
73) Isopropylbenzene	12.700	105	288808	18.951	ug/l	98
74) N-amyl acetate	12.494	43	105203	18.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	77403	17.288	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	113389	29.093	ug/l	63
77) Bromobenzene	12.982	156	70497	18.145	ug/l	97
78) n-propylbenzene	13.035	91	333387	18.853	ug/l	99
79) 2-Chlorotoluene	13.123	91	209680	19.022	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	244275	19.622	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31898	19.205	ug/l	86
82) 4-Chlorotoluene	13.223	91	201291	18.485	ug/l	99
83) tert-Butylbenzene	13.441	119	206052	18.898	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	244290	19.454	ug/l	99
85) sec-Butylbenzene	13.617	105	285468	18.762	ug/l	99
86) p-Isopropyltoluene	13.729	119	237033	19.007	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	127469	17.554	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	127176	17.175	ug/l	96
89) n-Butylbenzene	14.059	91	204439	18.750	ug/l	98
90) Hexachloroethane	14.335	117	46012	17.332	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	128886	18.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18112	20.504	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	70363	19.005	ug/l	98
94) Hexachlorobutadiene	15.500	225	26729	16.748	ug/l	96
95) Naphthalene	15.641	128	253420	21.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70421	18.603	ug/l	96

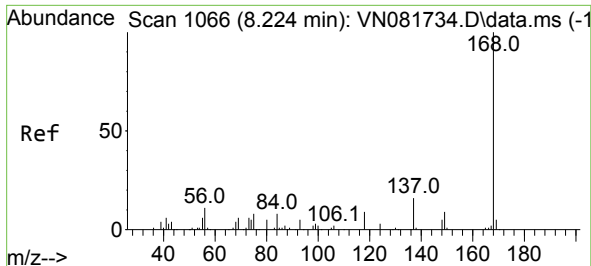
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Response via : Initial Calibration

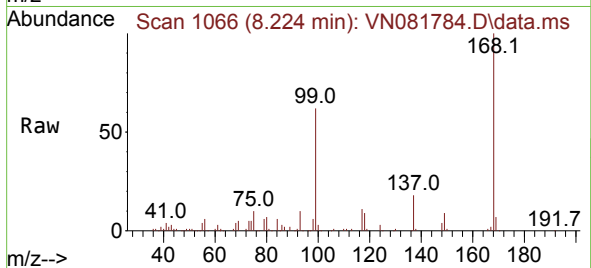
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

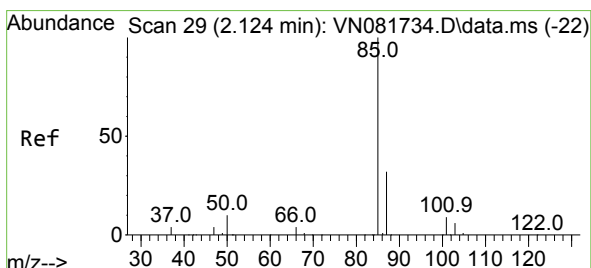
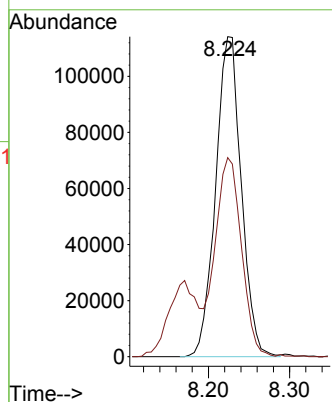
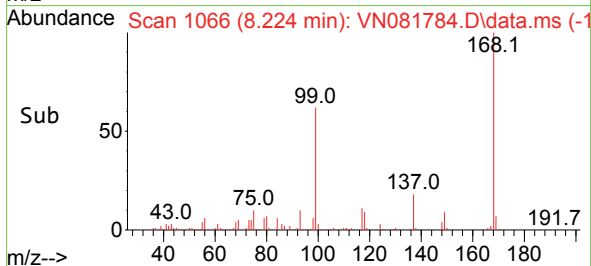


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :

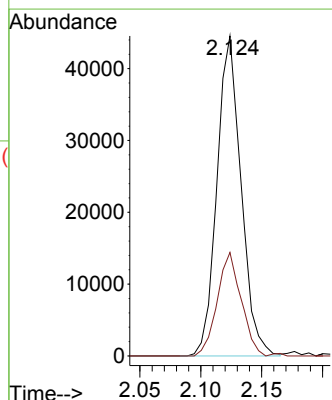
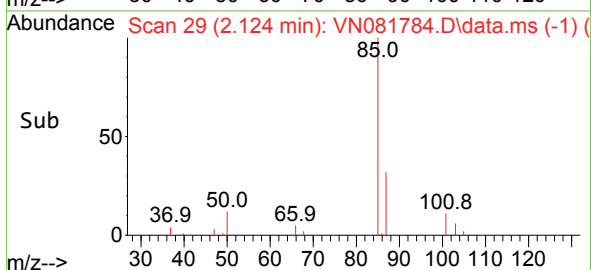
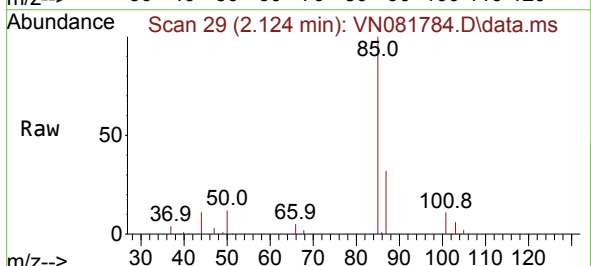


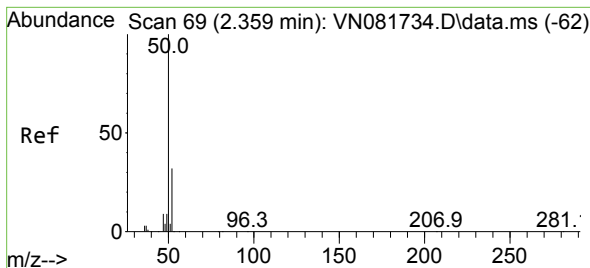
Tgt Ion:168 Resp: 250714
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 19.350 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 85 Resp: 61439
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





#3

Chloromethane

Concen: 24.465 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

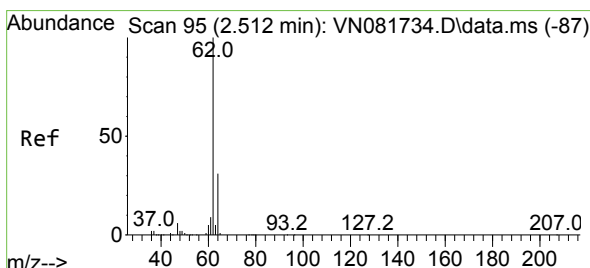
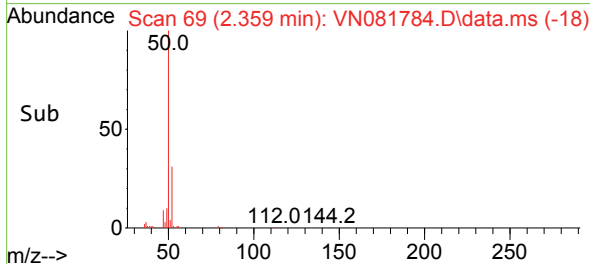
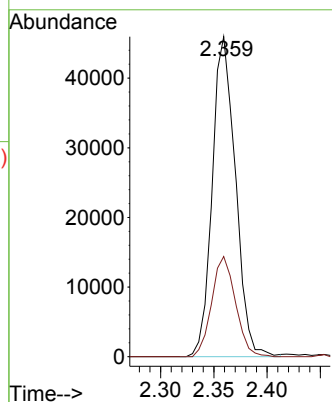
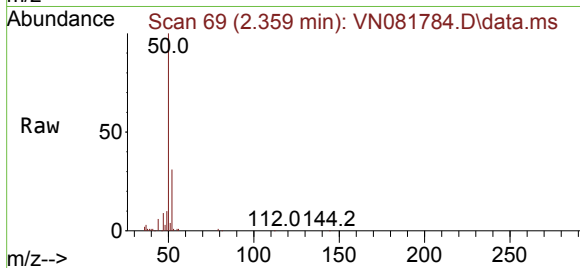
ClientSampleId :

Tgt Ion: 50 Resp: 69551

Ion Ratio Lower Upper

50 100

52 31.3 25.5 38.3



#4

Vinyl Chloride

Concen: 18.917 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN081784.D

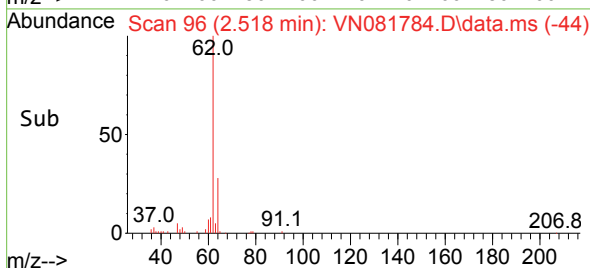
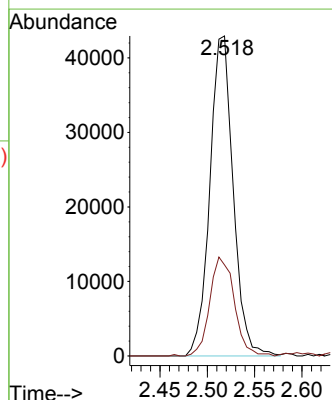
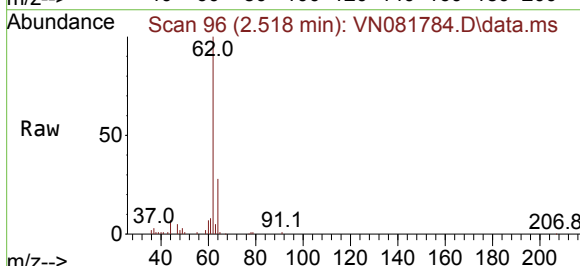
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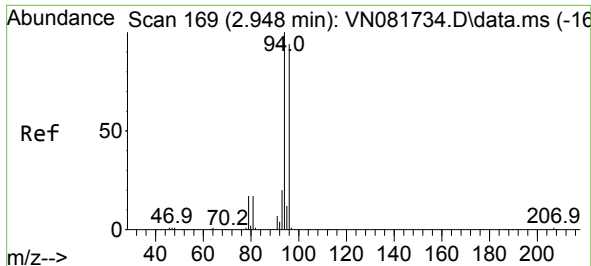
Tgt Ion: 62 Resp: 73511

Ion Ratio Lower Upper

62 100

64 28.5 24.6 37.0

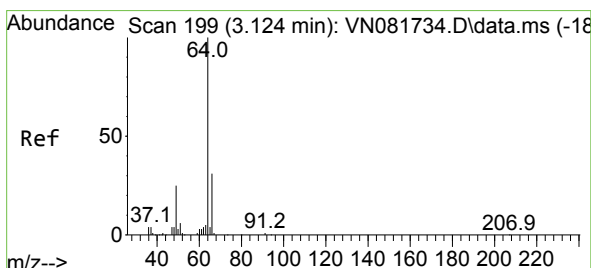
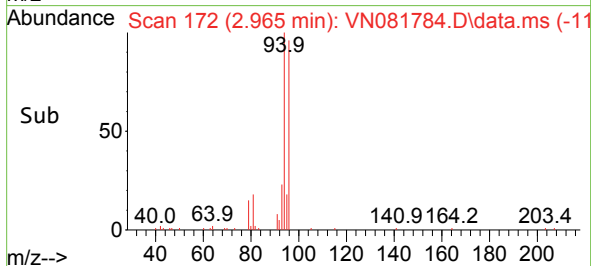
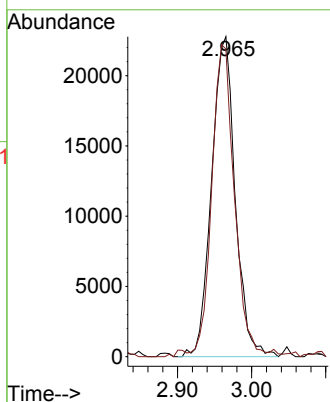
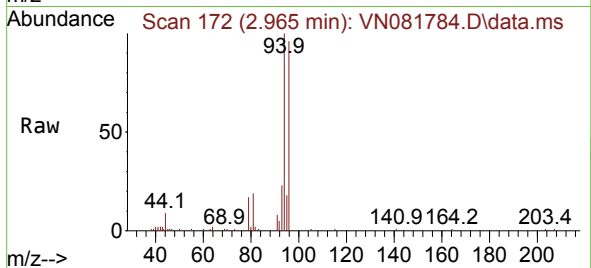




#5
Bromomethane
Concen: 21.486 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

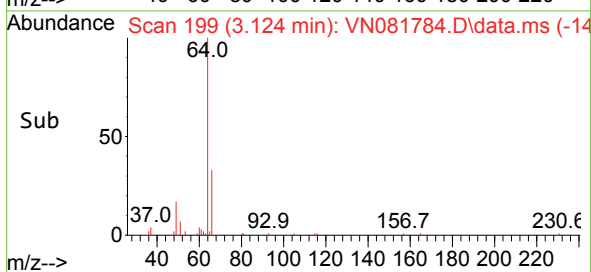
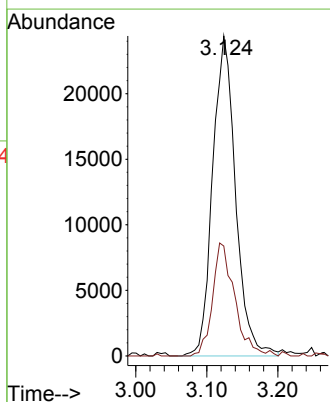
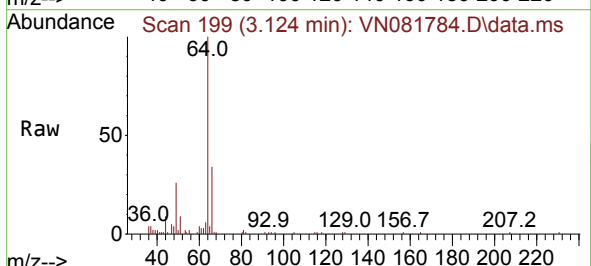
Instrument :
MSVOA_N
ClientSampleId :

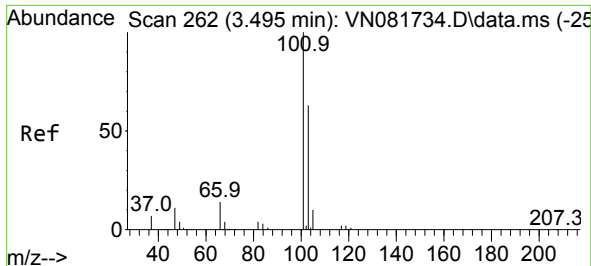
Tgt Ion: 94 Resp: 50447
Ion Ratio Lower Upper
94 100
96 95.3 74.8 112.2



#6
Chloroethane
Concen: 22.316 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 64 Resp: 54704
Ion Ratio Lower Upper
64 100
66 34.3 24.7 37.1

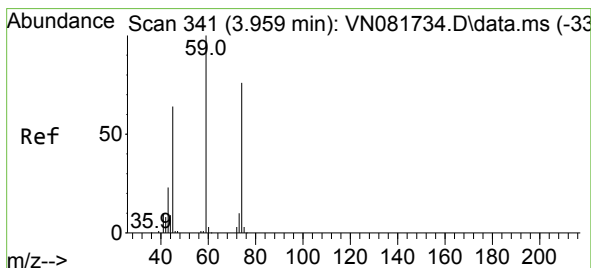
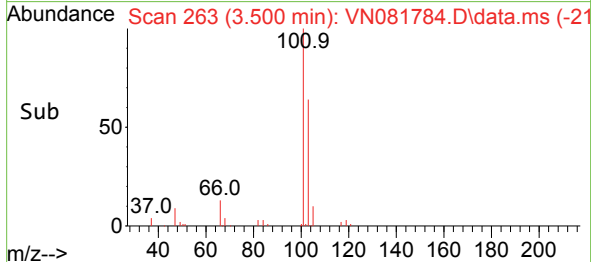
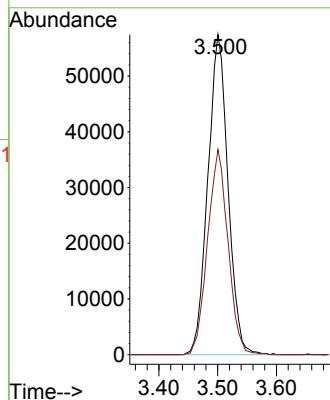
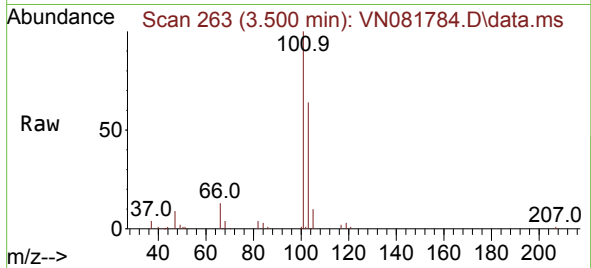




#7
Trichlorofluoromethane
Concen: 27.260 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.005 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

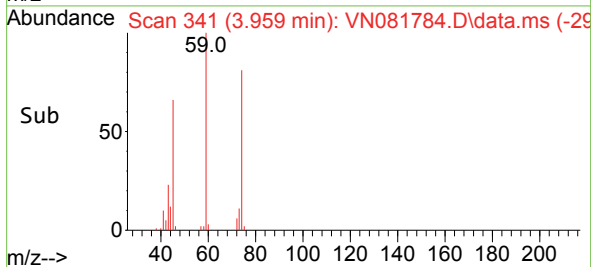
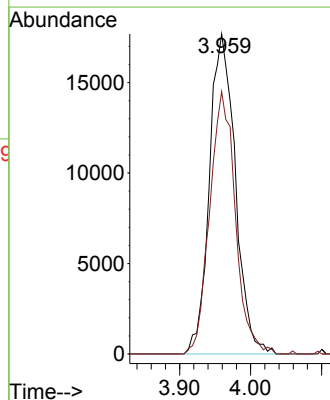
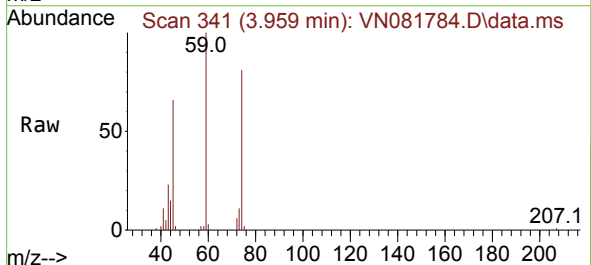
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ClientSampleId :

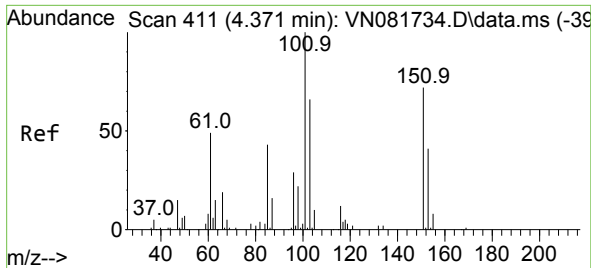
Tgt Ion:101 Resp: 136792
Ion Ratio Lower Upper
101 100
103 64.1 50.6 75.8



#8
Diethyl Ether
Concen: 25.373 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 74 Resp: 44695
Ion Ratio Lower Upper
74 100
45 81.3 42.4 127.3

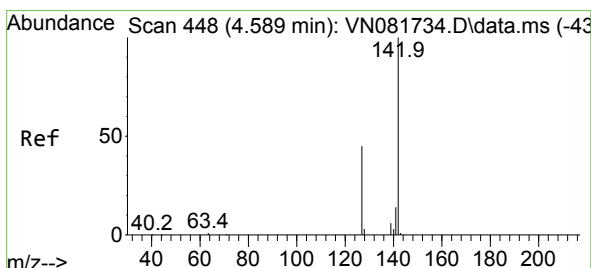
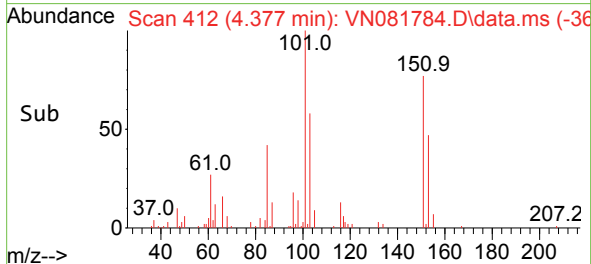
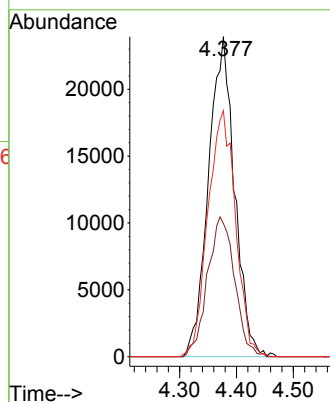
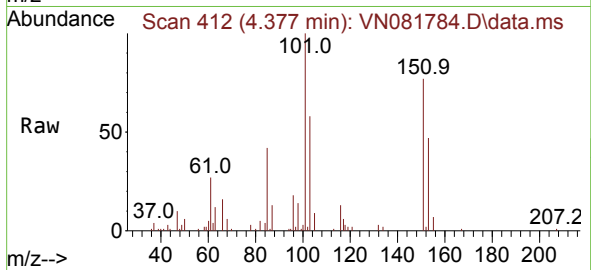




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.245 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081784.D
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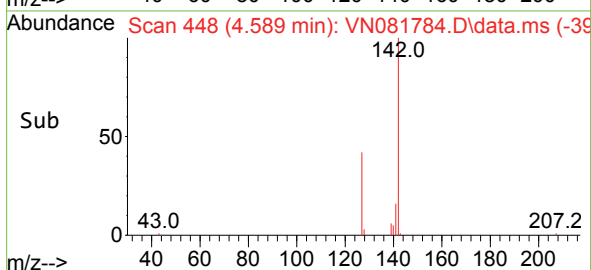
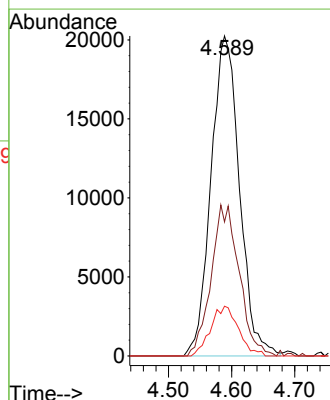
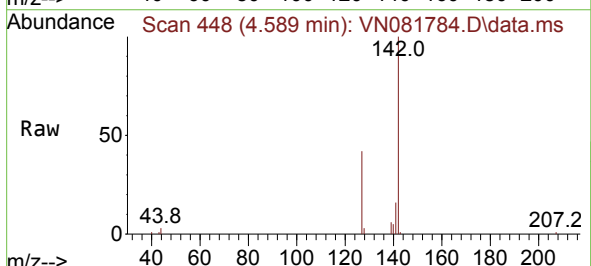
Instrument :
MSVOA_N
ClientSampleId :

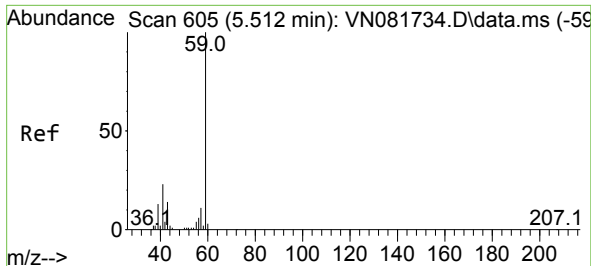
Tgt Ion:101 Resp: 76204
Ion Ratio Lower Upper
101 100
85 45.4 37.3 55.9
151 81.4 59.2 88.8



#10
Methyl Iodide
Concen: 37.606 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

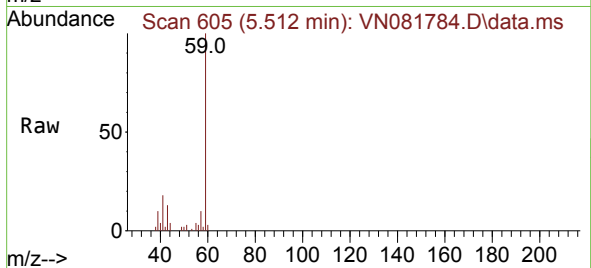
Tgt Ion:142 Resp: 63439
Ion Ratio Lower Upper
142 100
127 41.9 35.8 53.6
141 15.5 11.4 17.2



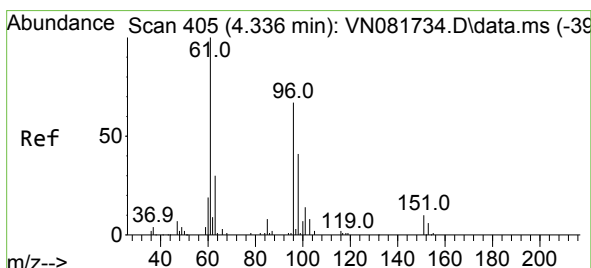
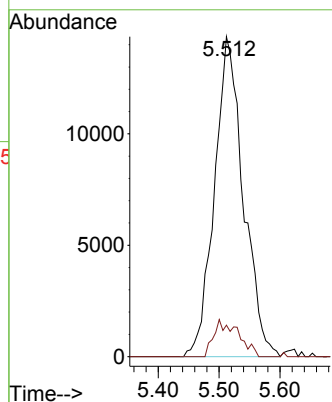
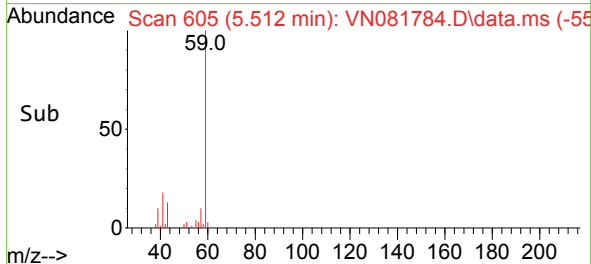


#11
Tert butyl alcohol
Concen: 98.457 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

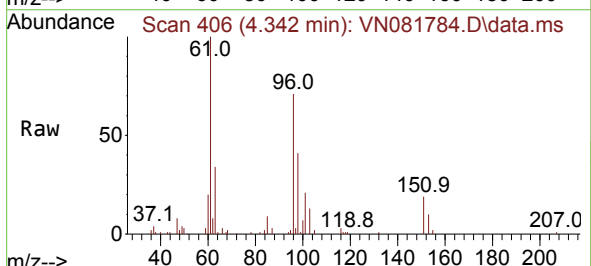
Instrument :
MSVOA_N
ClientSampleId :



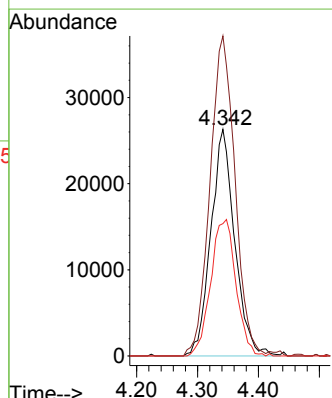
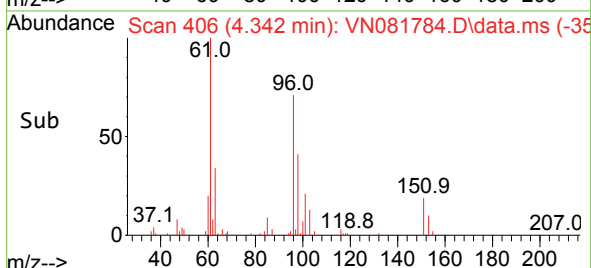
Tgt Ion: 59 Resp: 47382
Ion Ratio Lower Upper
59 100
57 9.8 8.9 13.3

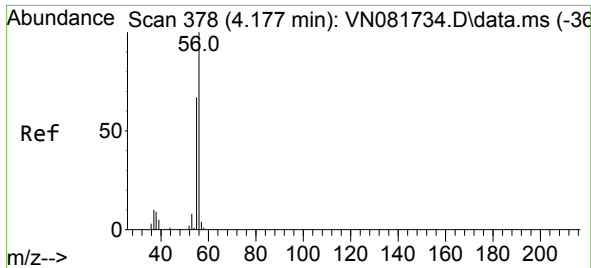


#12
1,1-Dichloroethene
Concen: 24.077 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54



Tgt Ion: 96 Resp: 71720
Ion Ratio Lower Upper
96 100
61 141.3 119.7 179.5
98 58.4 49.6 74.4





#13

Acrolein

Concen: 108.748 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

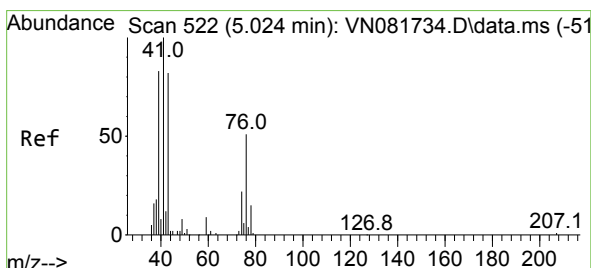
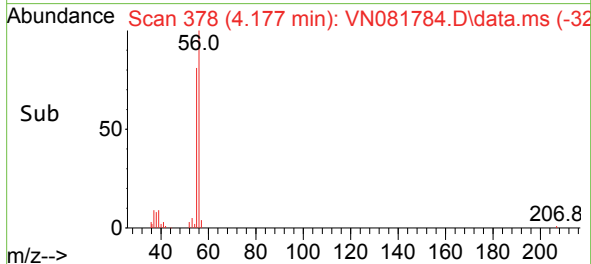
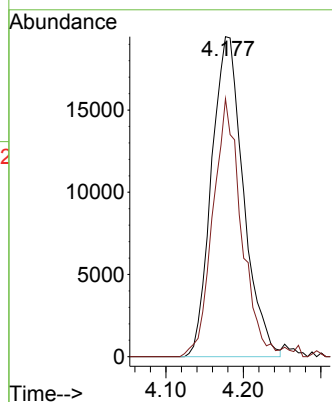
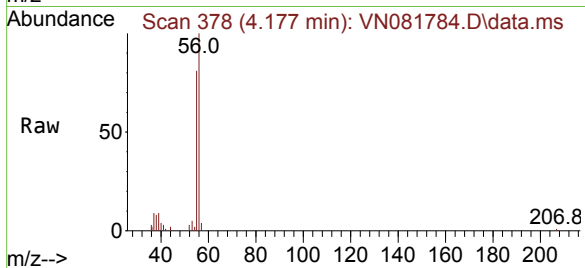
ClientSampleId :

Tgt Ion: 56 Resp: 55635

Ion Ratio Lower Upper

56 100

55 72.1 55.8 83.8



#14

Allyl chloride

Concen: 17.916 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

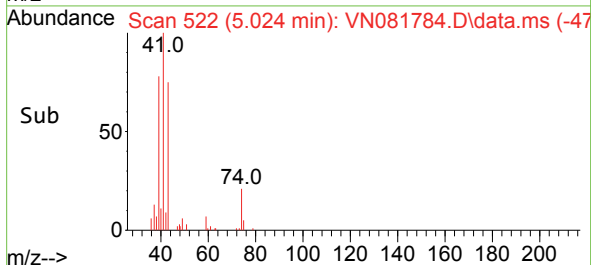
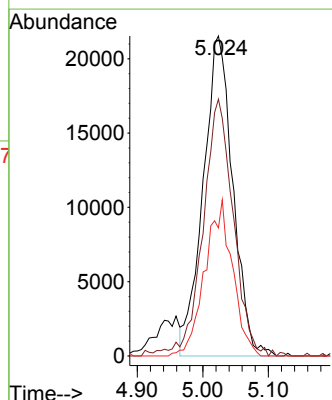
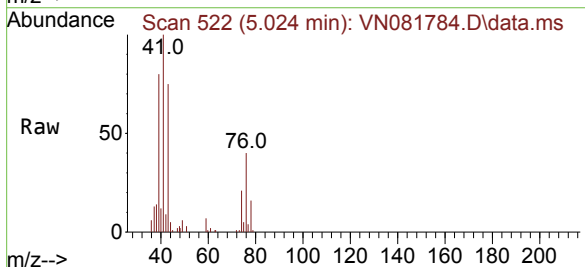
Tgt Ion: 41 Resp: 67728

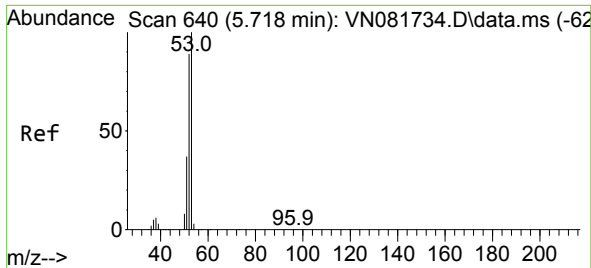
Ion Ratio Lower Upper

41 100

39 81.9 65.4 98.0

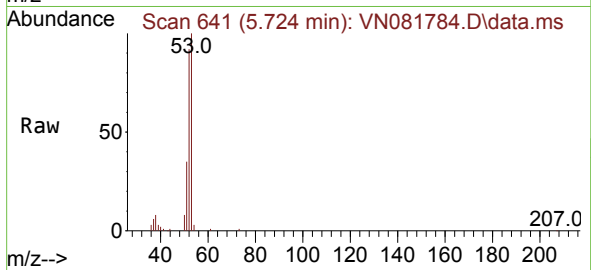
76 45.4 37.3 55.9





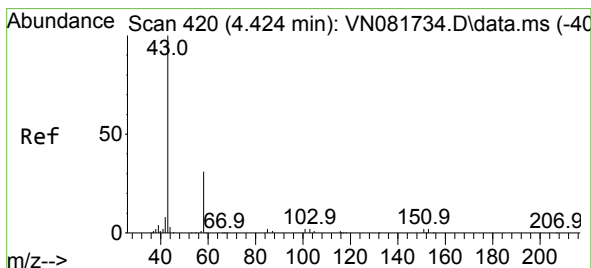
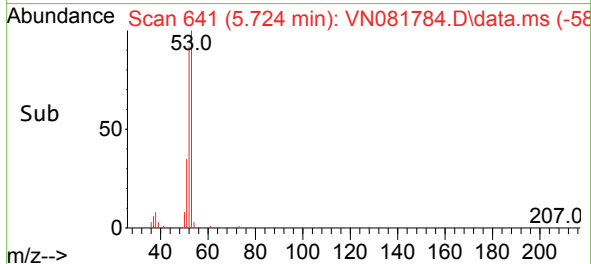
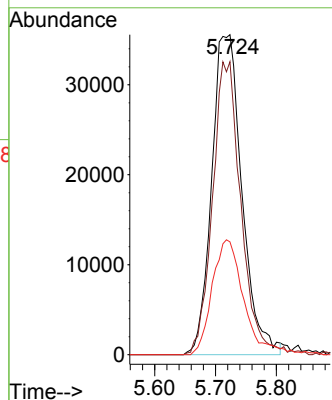
#15
Acrylonitrile
Concen: 92.466 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 122805

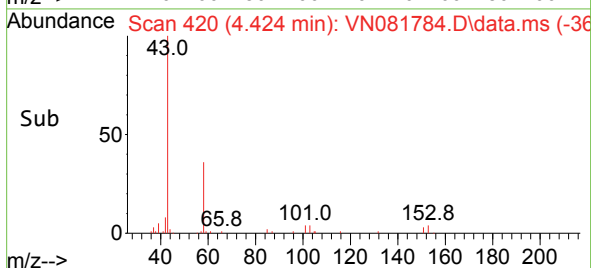
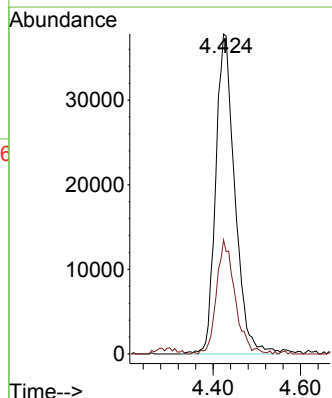
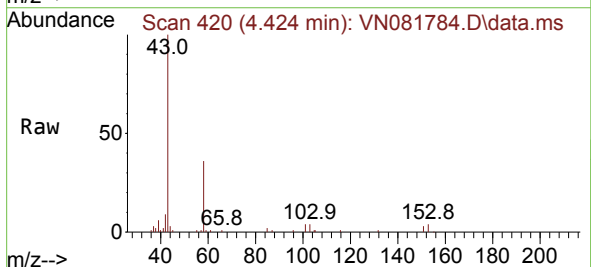
Ion	Ratio	Lower	Upper
53	100		
52	86.2	66.1	99.1
51	37.5	29.4	44.2

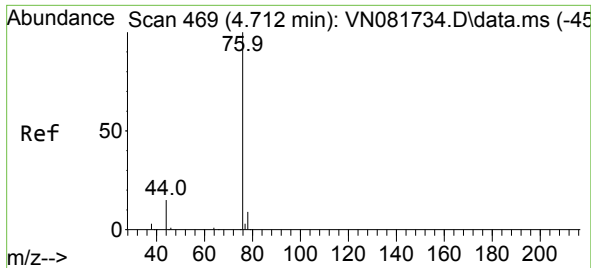


#16
Acetone
Concen: 117.047 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 43 Resp: 114930

Ion	Ratio	Lower	Upper
43	100		
58	35.2	25.2	37.8

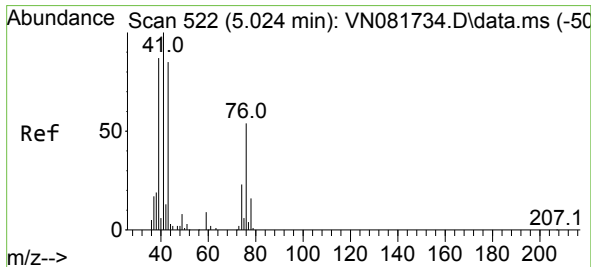
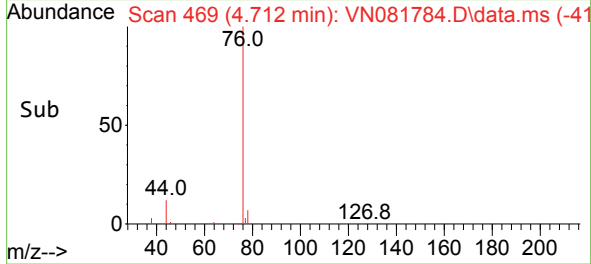
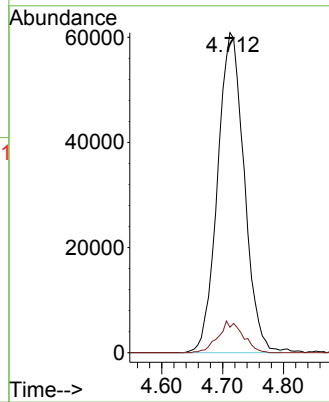
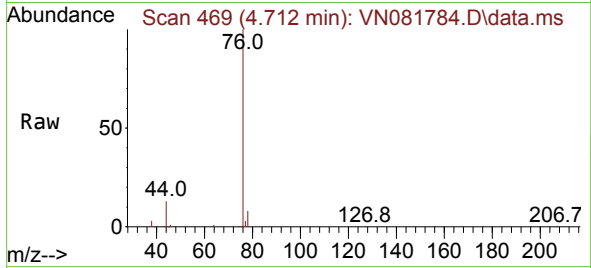




#17
Carbon Disulfide
Concen: 21.356 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

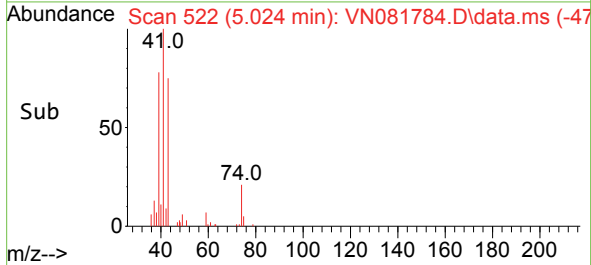
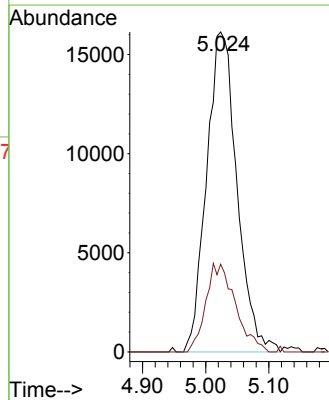
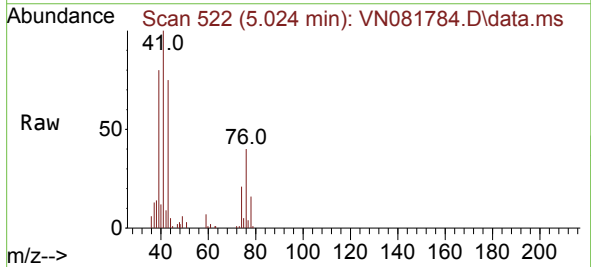
Instrument :
MSVOA_N
ClientSampleId :

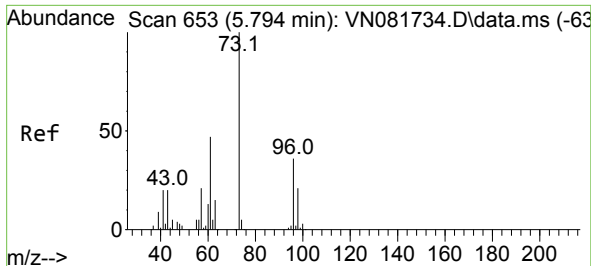
Tgt Ion: 76 Resp: 184899
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 19.644 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 43 Resp: 53950
Ion Ratio Lower Upper
43 100
74 26.9 22.2 33.2

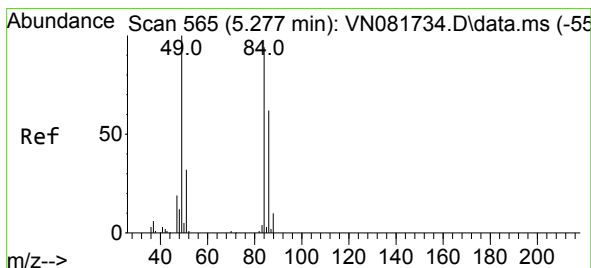
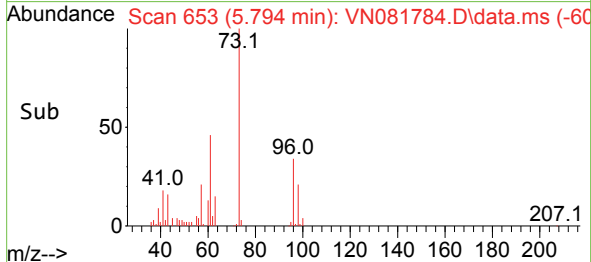
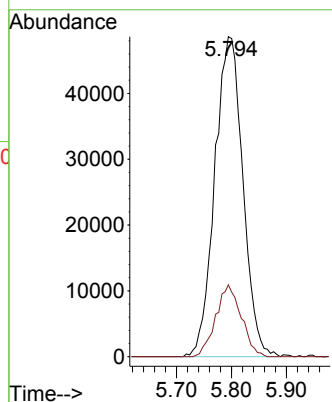
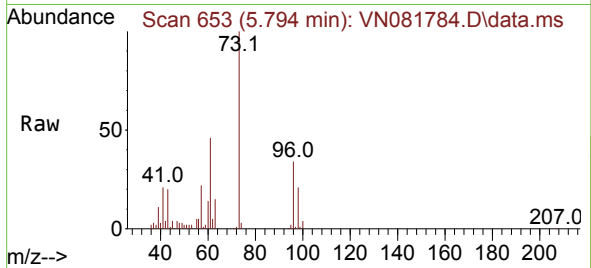




#19
Methyl tert-butyl Ether
Concen: 19.932 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

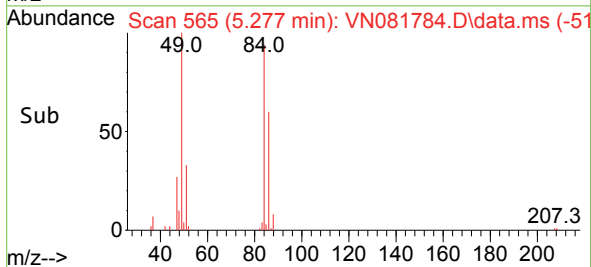
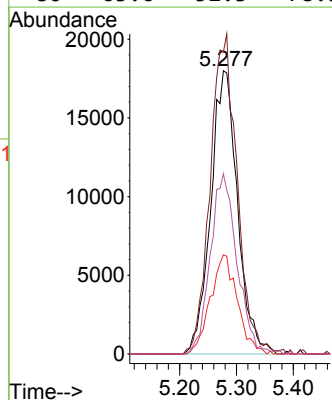
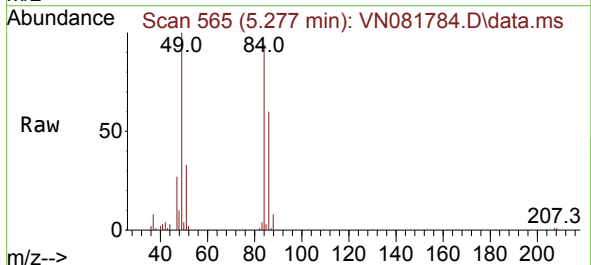
Instrument :
MSVOA_N
ClientSampleId :

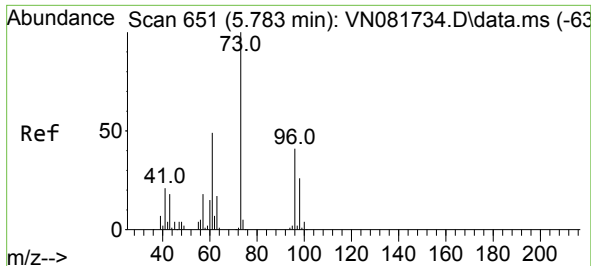
Tgt Ion: 73 Resp: 172812
Ion Ratio Lower Upper
73 100
57 22.4 16.5 24.7



#20
Methylene Chloride
Concen: 19.003 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 84 Resp: 59011
Ion Ratio Lower Upper
84 100
49 106.6 84.9 127.3
51 35.0 27.0 40.6
86 63.6 52.3 78.5

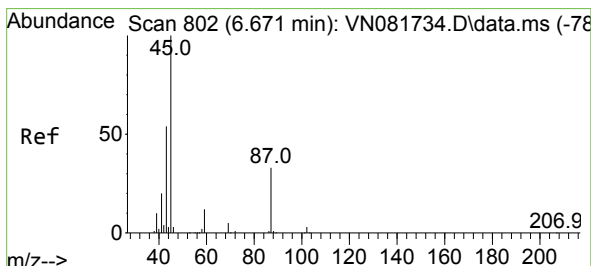
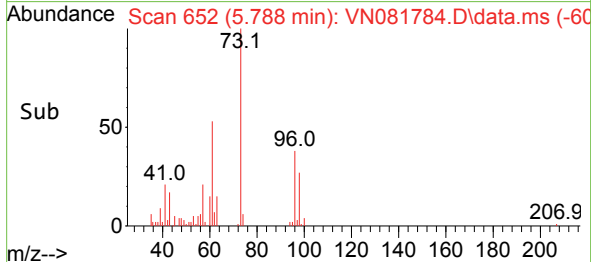
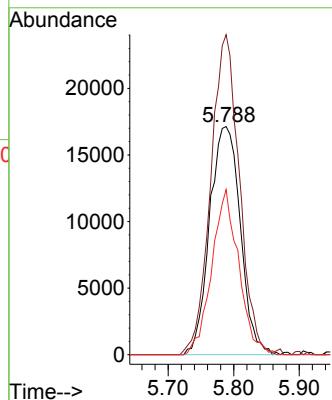
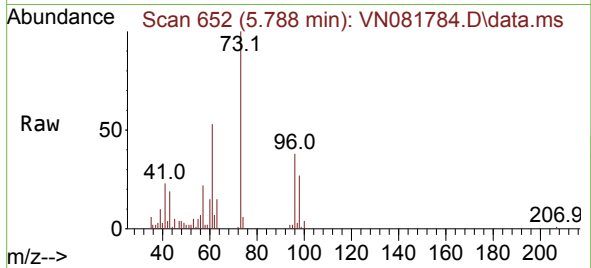




#21
trans-1,2-Dichloroethene
Concen: 18.616 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

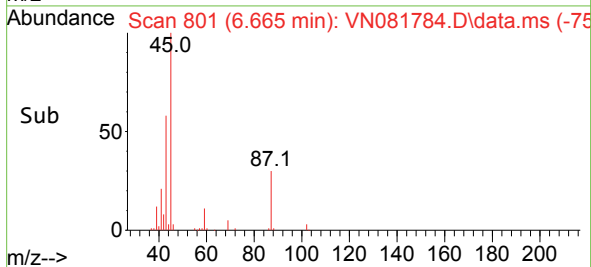
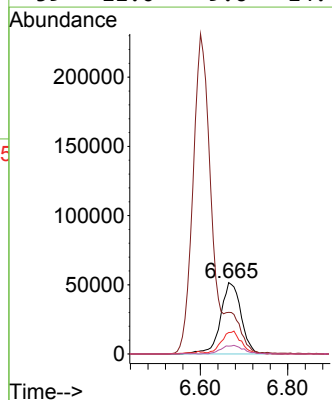
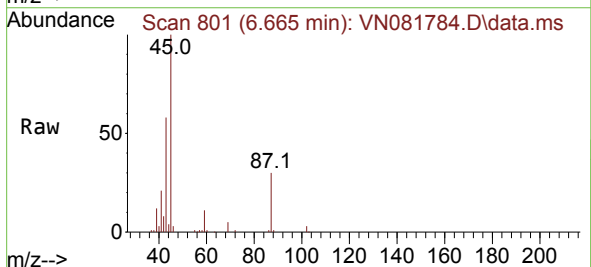
Instrument :
MSVOA_N
ClientSampleId :

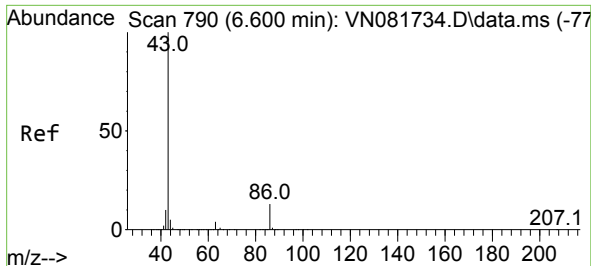
Tgt Ion: 96 Resp: 55698
Ion Ratio Lower Upper
96 100
61 140.2 96.5 144.7
98 72.4 51.3 76.9



#22
Diisopropyl ether
Concen: 20.353 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 45 Resp: 167437
Ion Ratio Lower Upper
45 100
43 57.4 44.1 66.1
87 30.2 27.0 40.6
59 11.0 9.6 14.4

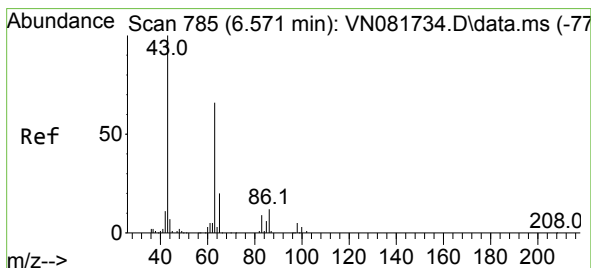
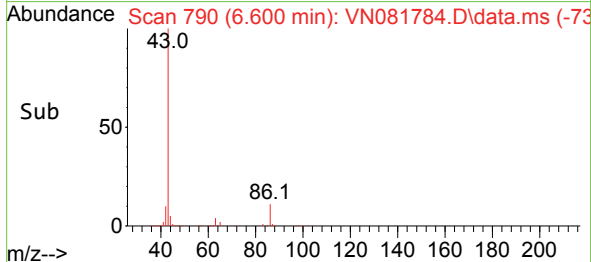
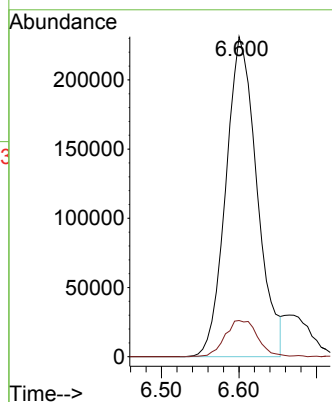
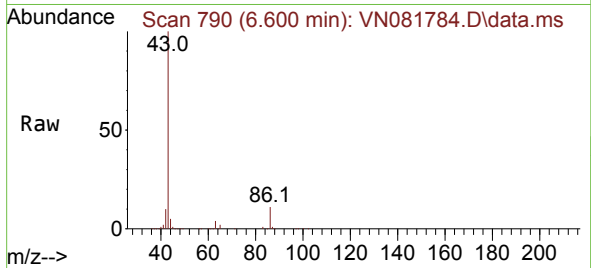




#23
 Vinyl Acetate
 Concen: 100.598 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

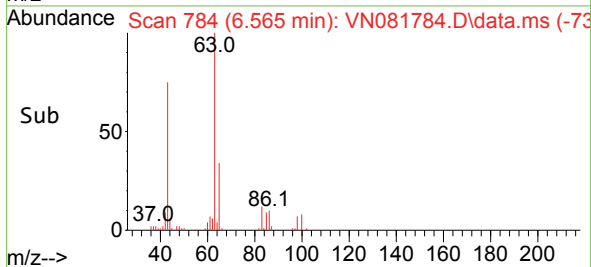
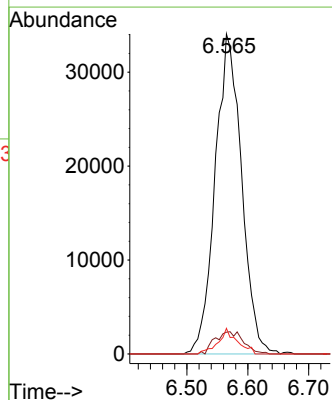
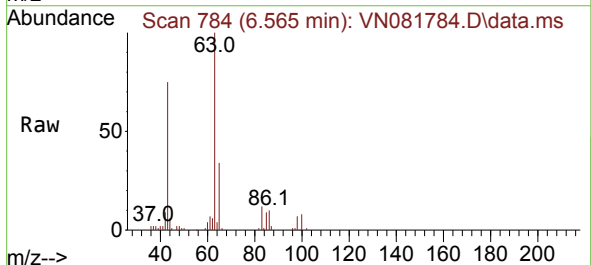
Instrument :
 MSVOA_N
 ClientSampleId :

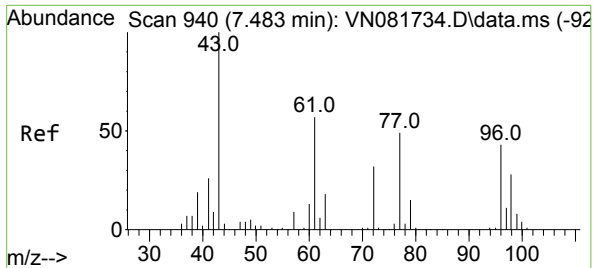
Tgt Ion: 43 Resp: 645996
 Ion Ratio Lower Upper
 43 100
 86 11.3 10.2 15.4



#24
 1,1-Dichloroethane
 Concen: 18.910 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

Tgt Ion: 63 Resp: 102356
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 8.0 2.6 7.8#

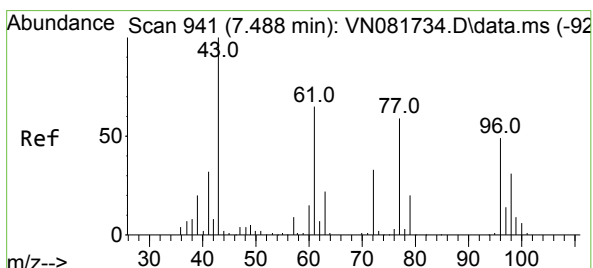
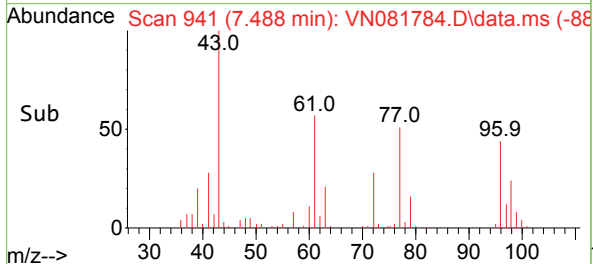
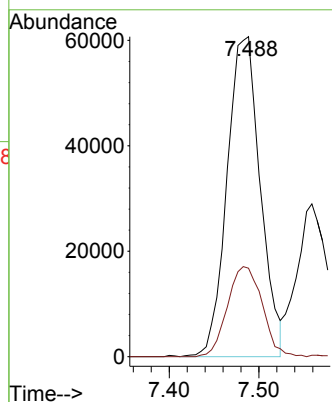
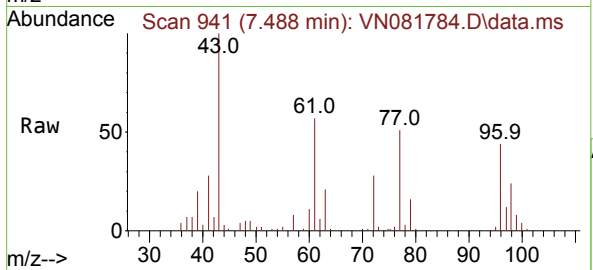




#25
2-Butanone
Concen: 96.569 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

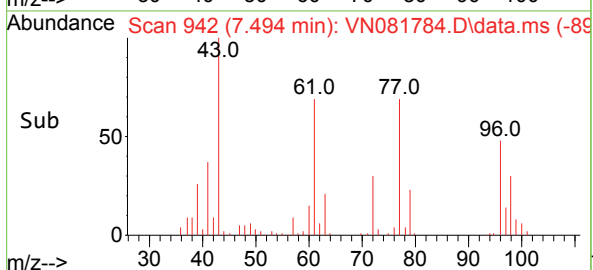
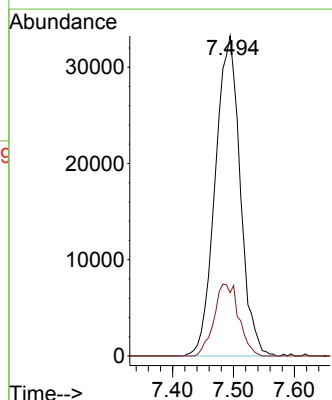
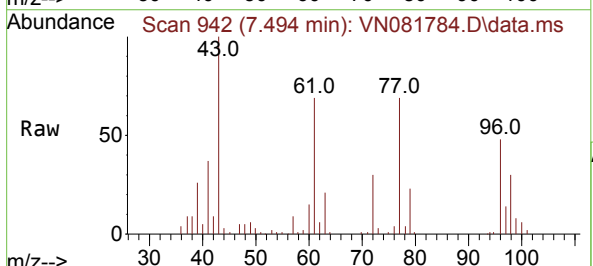
Instrument :
MSVOA_N
ClientSampleId :

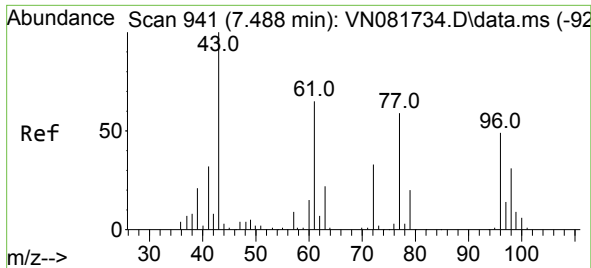
Tgt Ion: 43 Resp: 156319
Ion Ratio Lower Upper
43 100
72 27.7 25.3 37.9



#26
2,2-Dichloropropane
Concen: 20.010 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

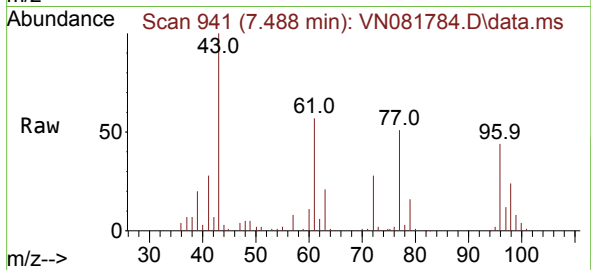
Tgt Ion: 77 Resp: 94414
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.9



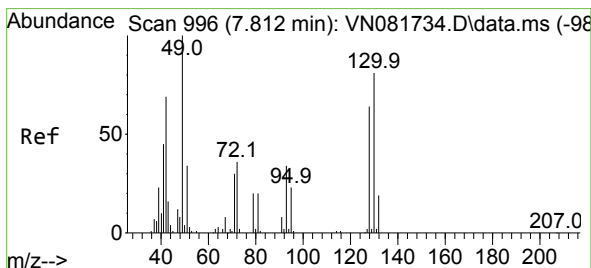
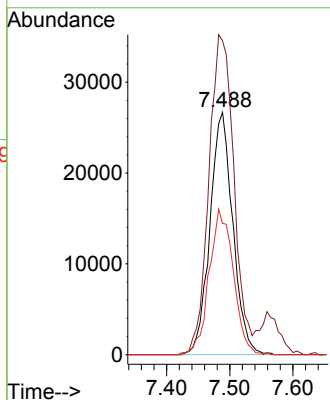
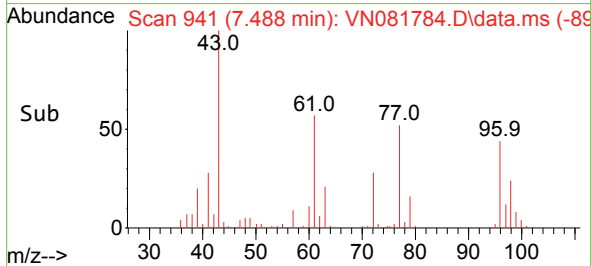


#27
cis-1,2-Dichloroethene
Concen: 18.380 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

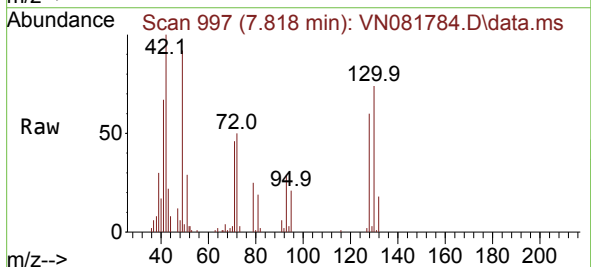
Instrument :
MSVOA_N
ClientSampleId :



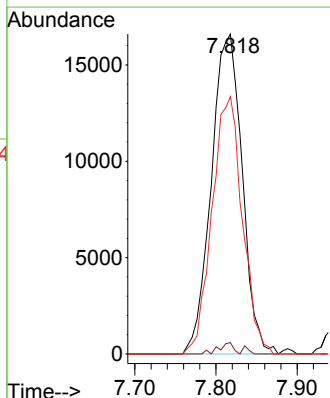
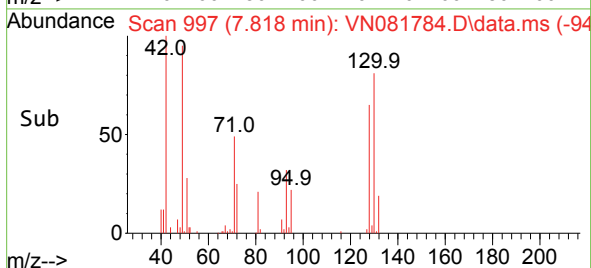
Tgt Ion: 96 Resp: 67271
Ion Ratio Lower Upper
96 100
61 143.9 0.0 268.0
98 63.2 0.0 126.8

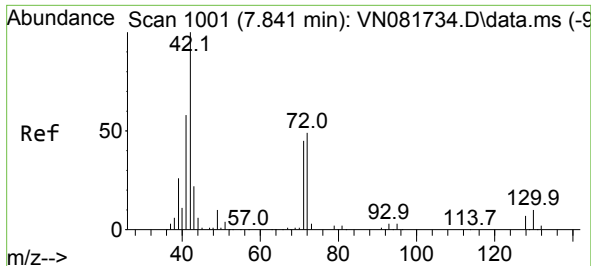


#28
Bromochloromethane
Concen: 18.970 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54



Tgt Ion: 49 Resp: 43838
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 78.9 66.7 100.1





#29

Tetrahydrofuran

Concen: 103.297 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

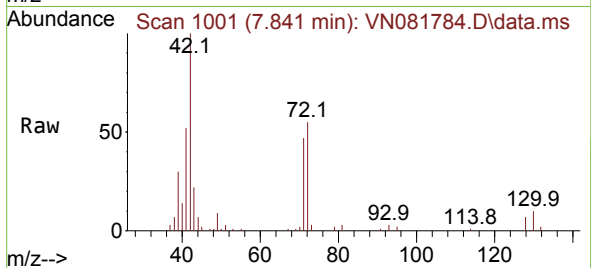
Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :



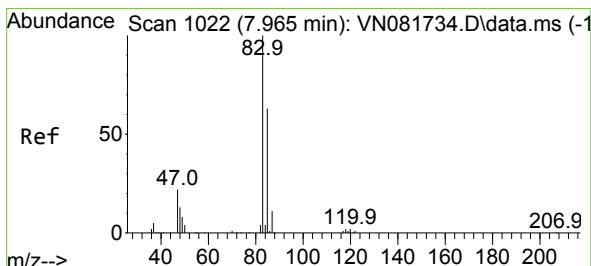
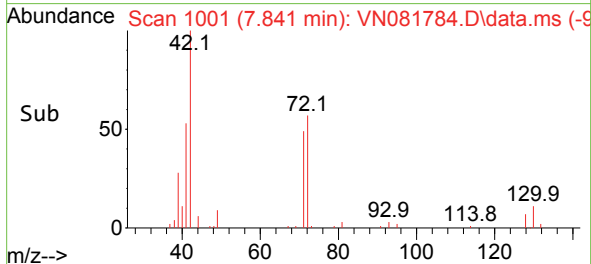
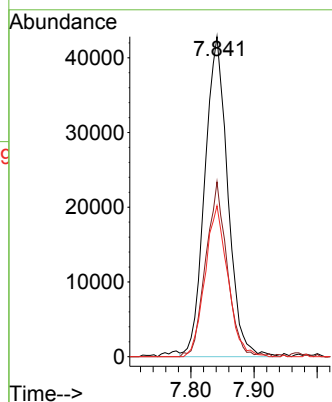
Tgt Ion: 42 Resp: 108179

Ion Ratio Lower Upper

42 100

72 50.8 39.3 58.9

71 46.6 37.4 56.0



#30

Chloroform

Concen: 18.579 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081784.D

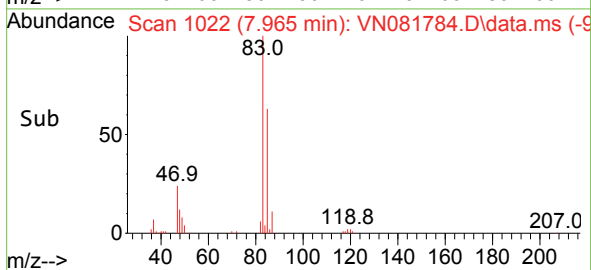
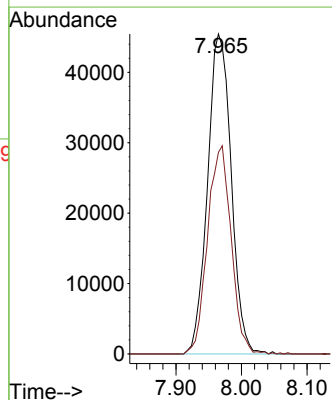
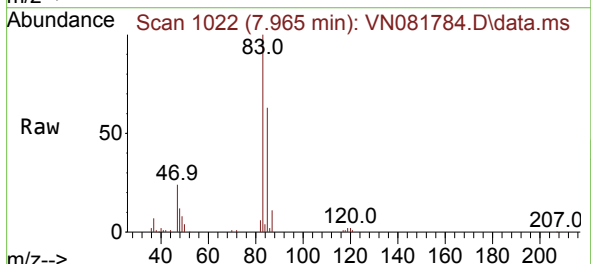
Acq: 18 Apr 2024 13:54

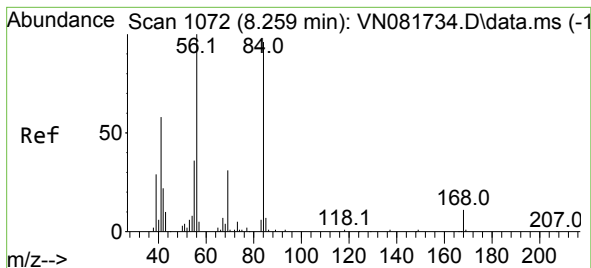
Tgt Ion: 83 Resp: 114035

Ion Ratio Lower Upper

83 100

85 63.0 50.7 76.1





#31

Cyclohexane

Concen: 17.965 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

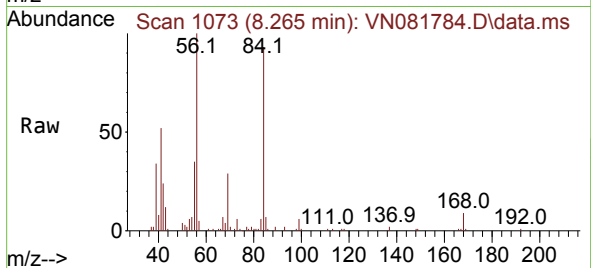
Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :



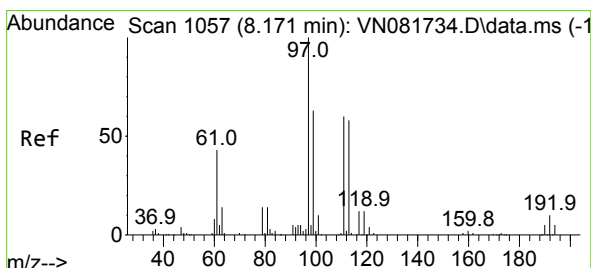
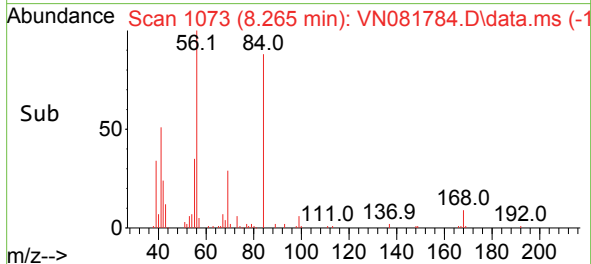
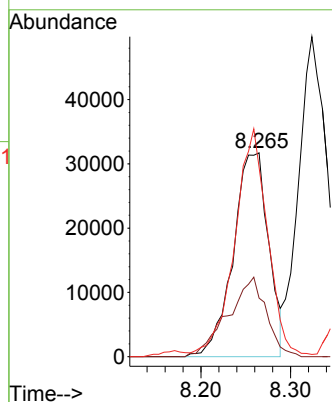
Tgt Ion: 56 Resp: 86942

Ion Ratio Lower Upper

56 100

69 28.8 24.4 36.6

84 90.0 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 19.394 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

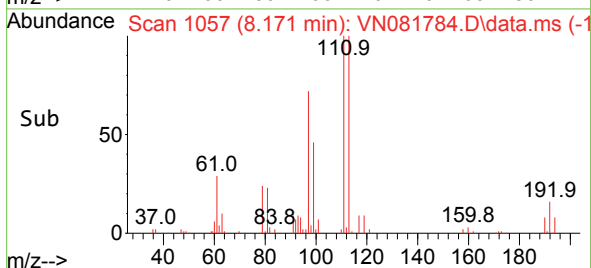
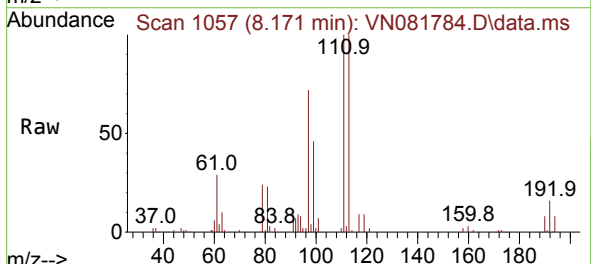
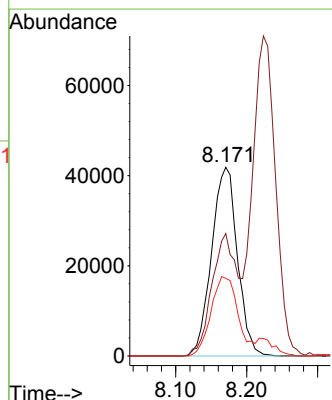
Tgt Ion: 97 Resp: 105555

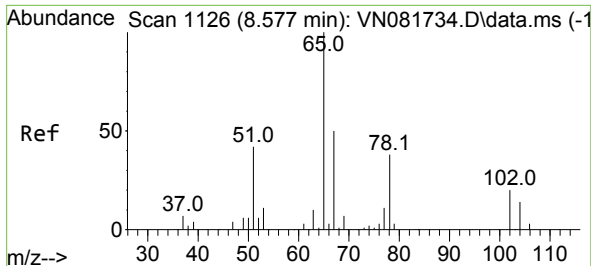
Ion Ratio Lower Upper

97 100

99 65.5 50.3 75.5

61 44.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.692 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

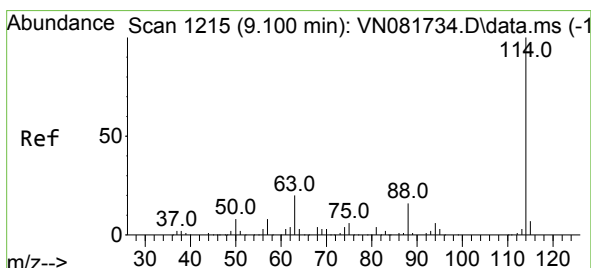
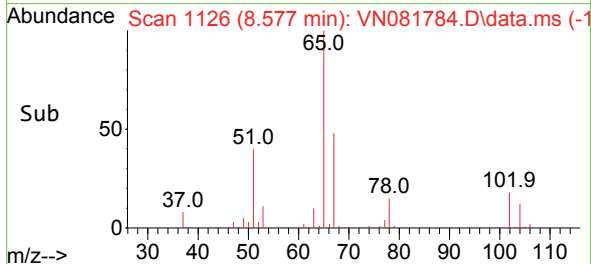
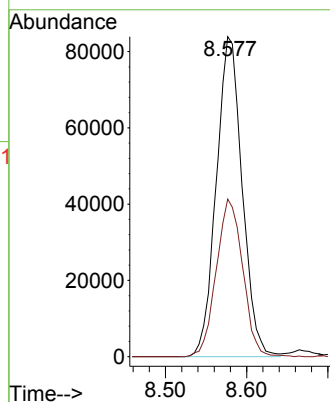
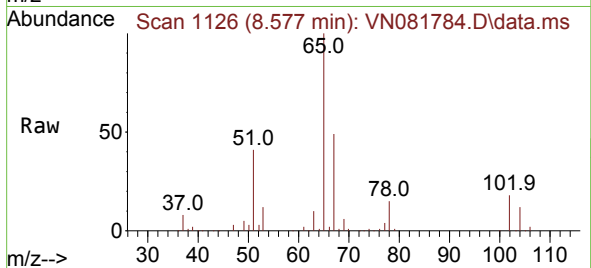
ClientSampleId :

Tgt Ion: 65 Resp: 185896

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

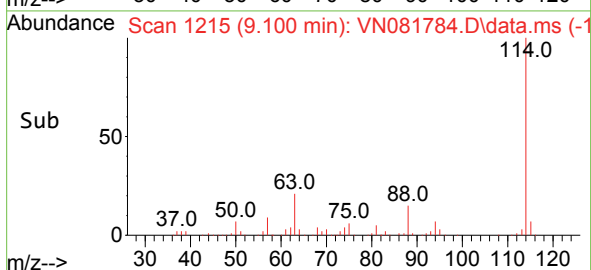
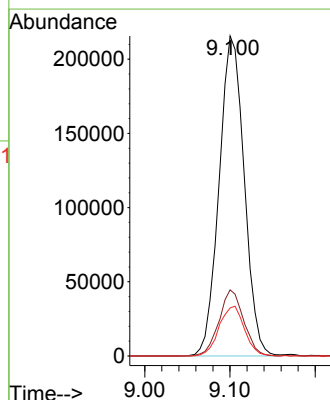
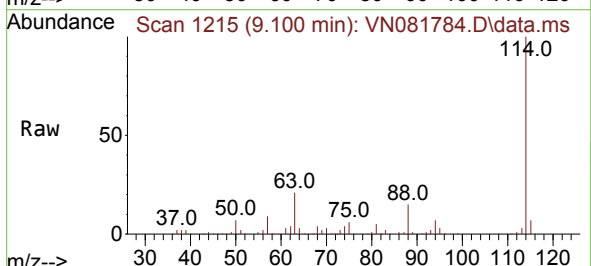
Tgt Ion: 114 Resp: 441905

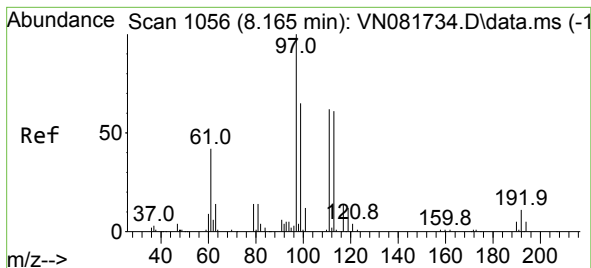
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.379 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

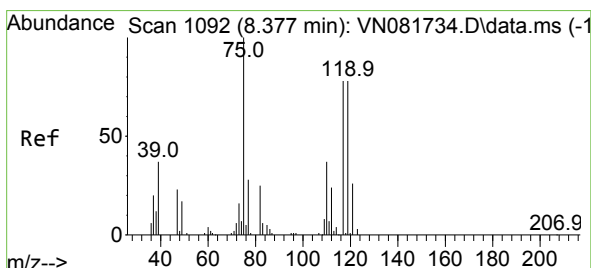
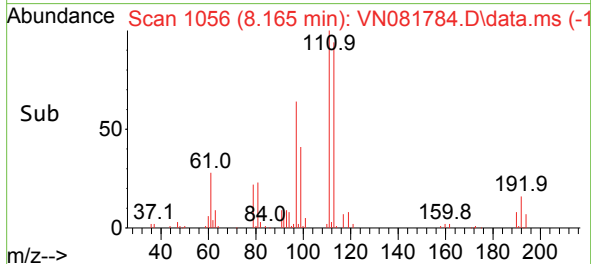
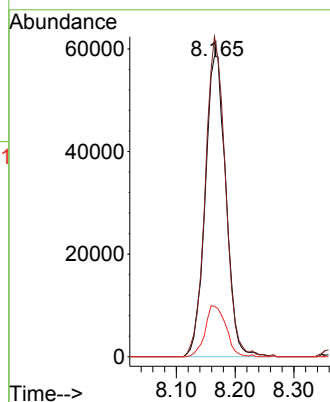
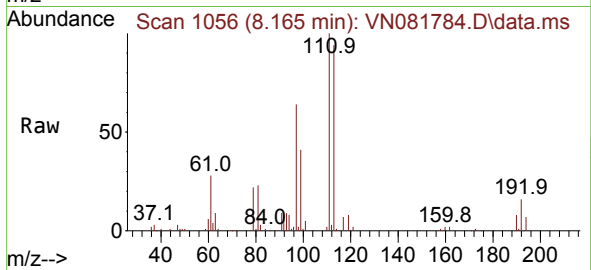
Tgt Ion:113 Resp: 144093

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 17.1 14.0 21.0



#36

1,1-Dichloropropene

Concen: 18.811 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

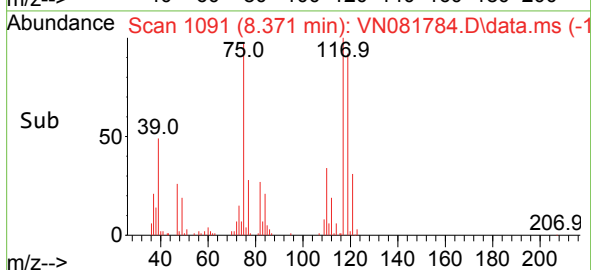
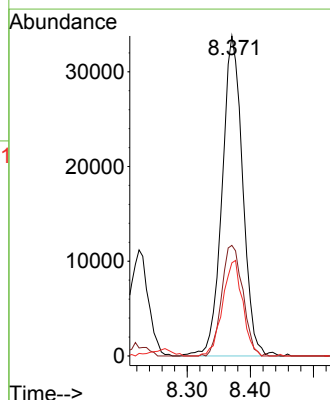
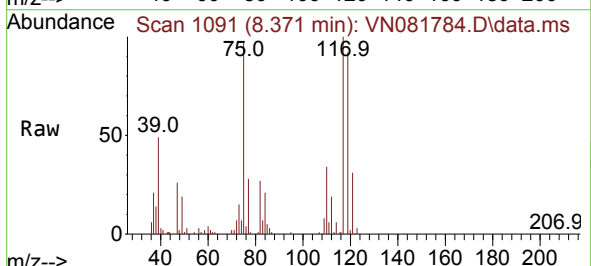
Tgt Ion: 75 Resp: 76481

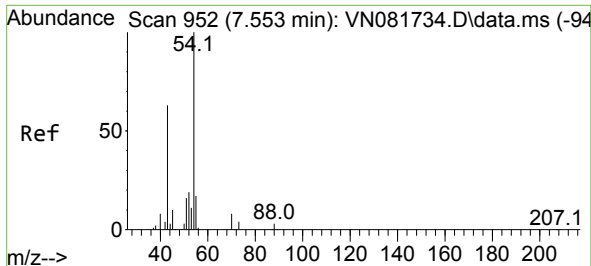
Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.5

77 29.2 25.0 37.4





#37

Ethyl Acetate

Concen: 21.042 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

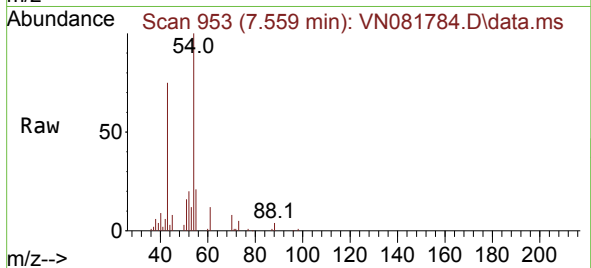
Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :



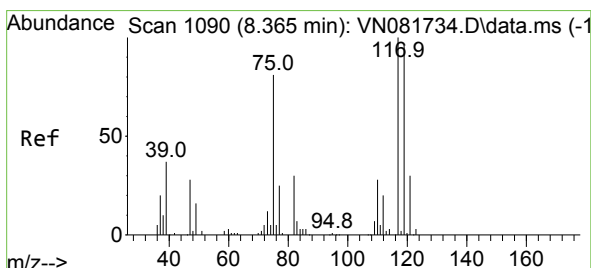
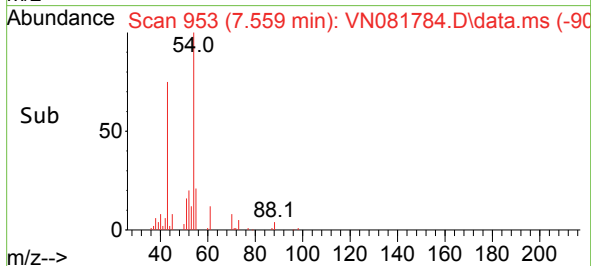
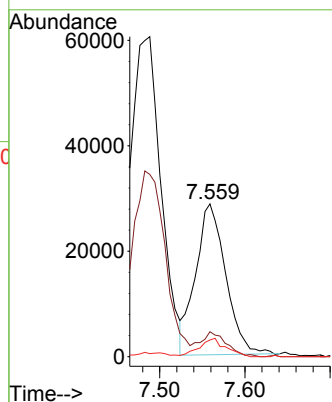
Tgt Ion: 43 Resp: 70297

Ion Ratio Lower Upper

43 100

61 11.8 11.3 16.9

70 10.6 8.7 13.1



#38

Carbon Tetrachloride

Concen: 19.040 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

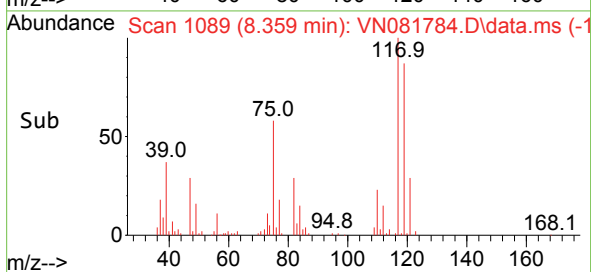
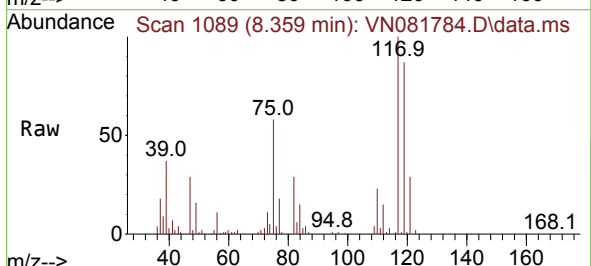
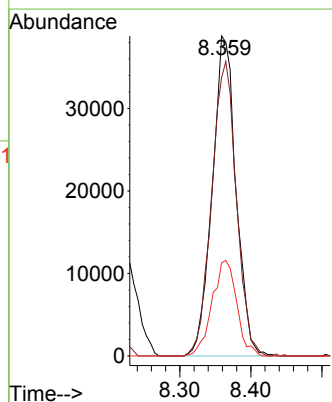
Tgt Ion: 117 Resp: 90060

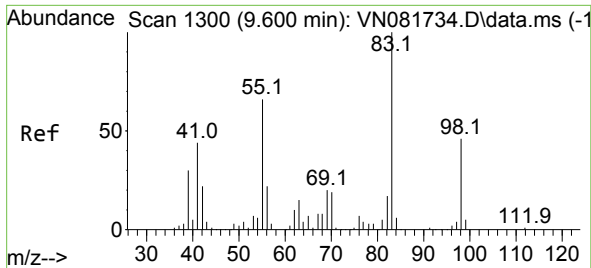
Ion Ratio Lower Upper

117 100

119 87.0 76.5 114.7

121 29.1 23.9 35.9





#39

Methylcyclohexane

Concen: 18.235 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

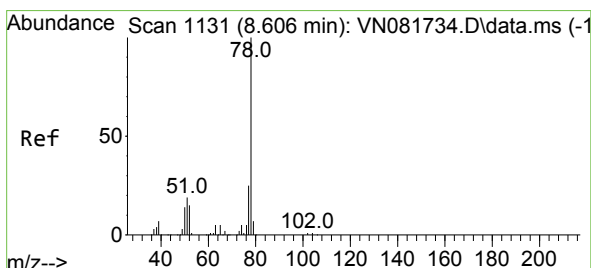
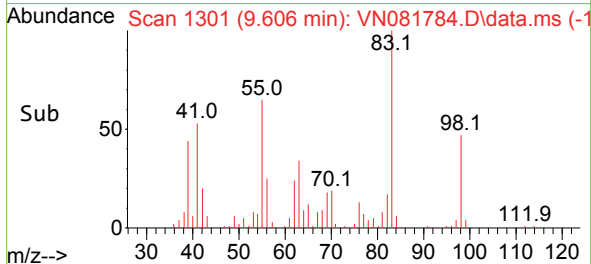
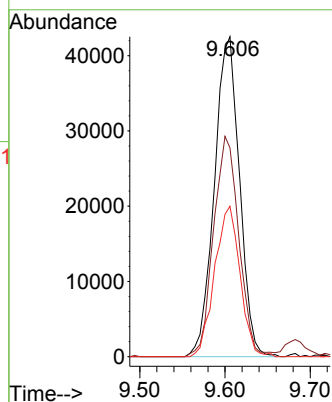
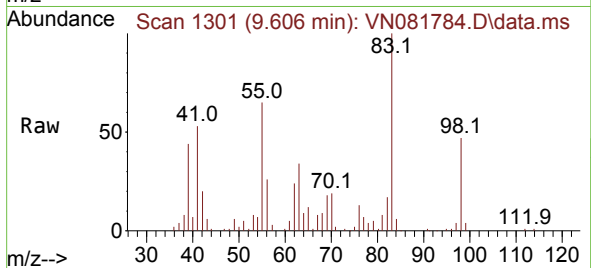
Tgt Ion: 83 Resp: 87343

Ion Ratio Lower Upper

83 100

55 65.2 53.0 79.6

98 47.0 37.1 55.7



#40

Benzene

Concen: 18.789 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081784.D

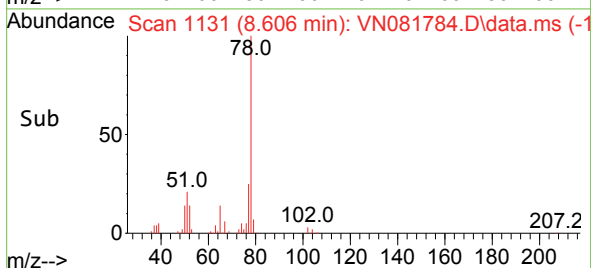
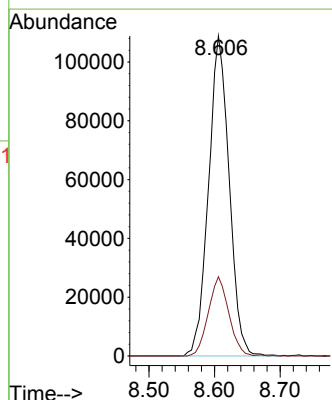
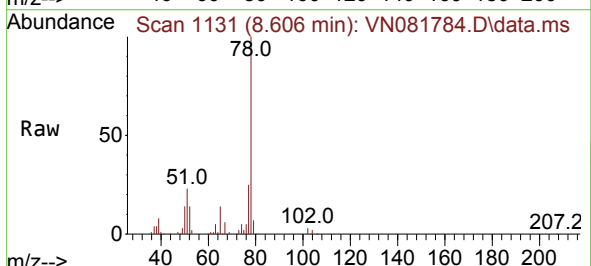
Acq: 18 Apr 2024 13:54

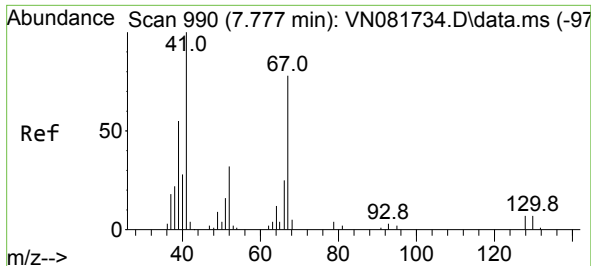
Tgt Ion: 78 Resp: 237956

Ion Ratio Lower Upper

78 100

77 24.8 20.0 30.0

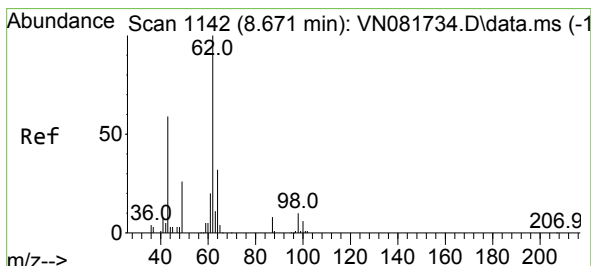
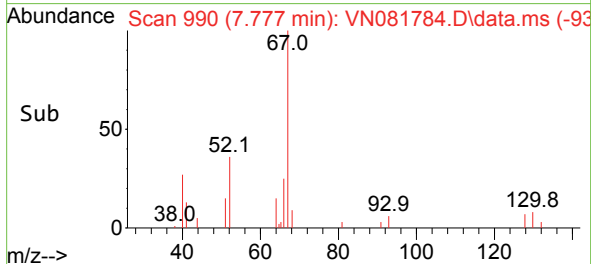
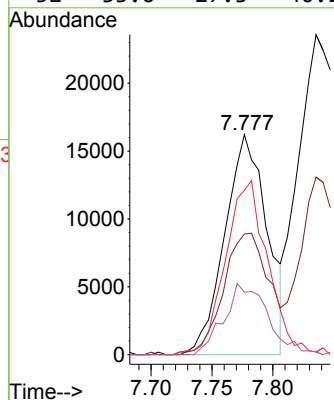
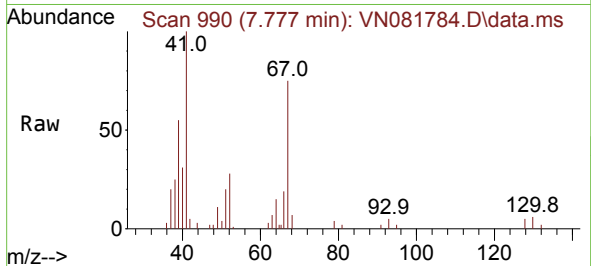




#41
Methacrylonitrile
Concen: 21.609 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

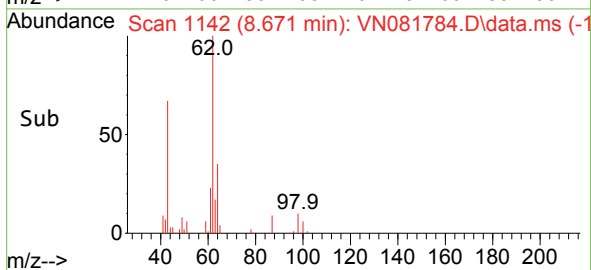
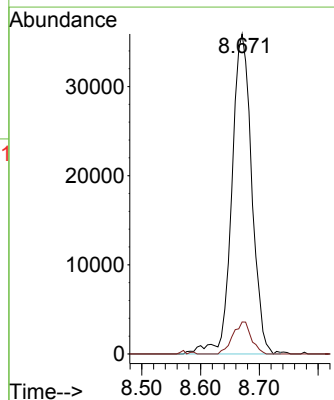
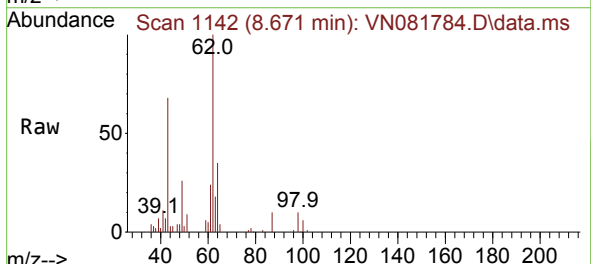
Instrument :
MSVOA_N
ClientSampleId :

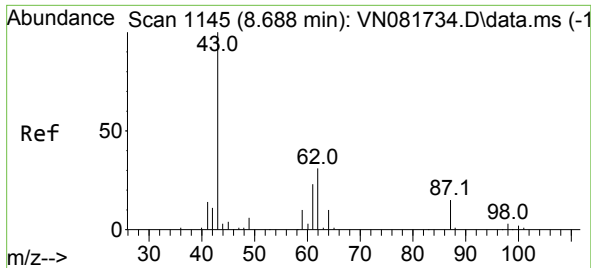
Tgt Ion:	41	Resp:	39189
Ion	Ratio	Lower	Upper
41	100		
39	59.0	46.6	69.8
67	78.8	67.3	100.9
52	33.6	27.3	40.9



#42
1,2-Dichloroethane
Concen: 19.176 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion:	62	Resp:	84659
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.6

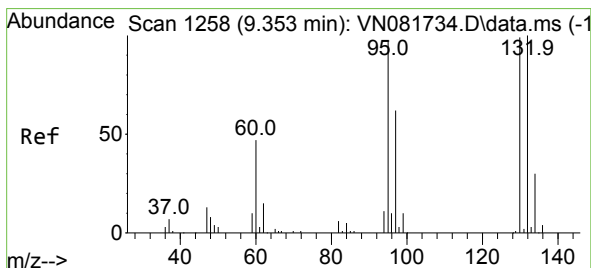
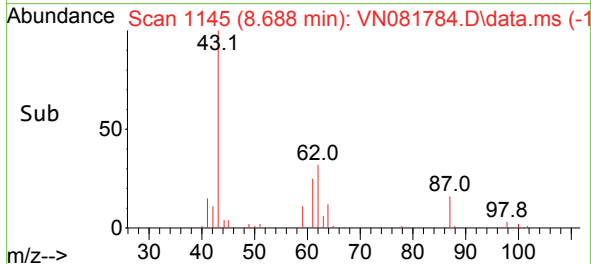
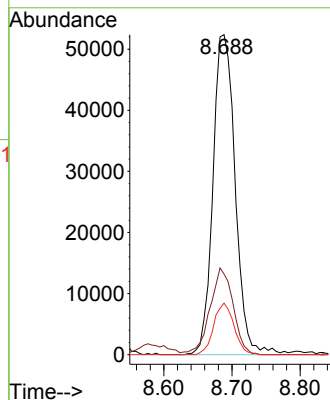
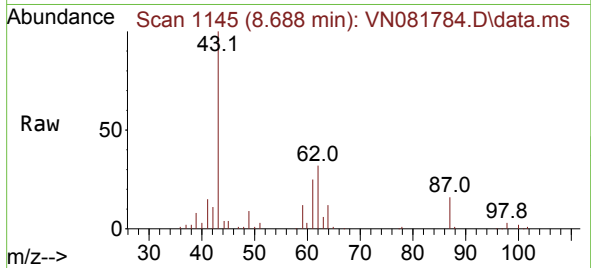




#43
Isopropyl Acetate
Concen: 19.093 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

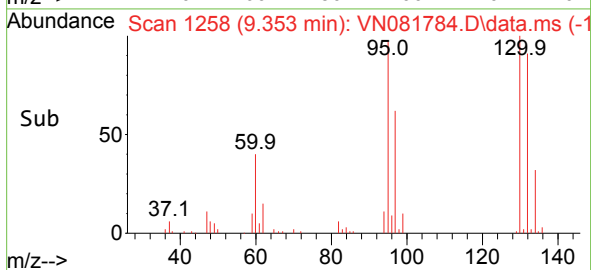
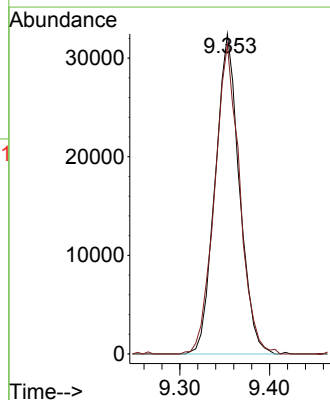
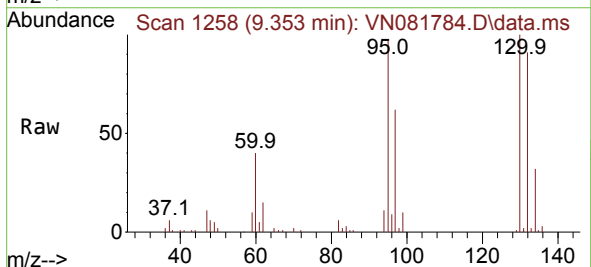
Instrument :
MSVOA_N
ClientSampleId :

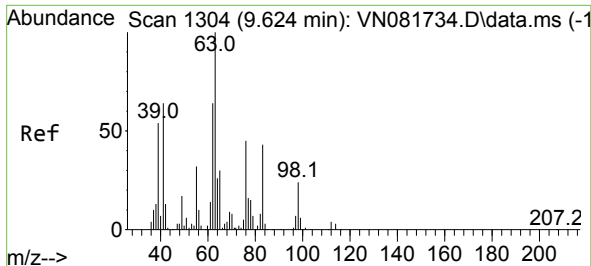
Tgt Ion: 43 Resp: 119001
Ion Ratio Lower Upper
43 100
61 28.1 22.8 34.2
87 14.8 12.0 18.0



#44
Trichloroethene
Concen: 18.432 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

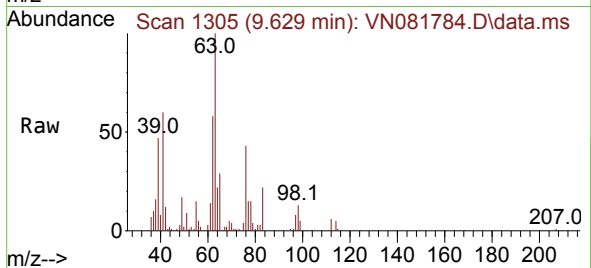
Tgt Ion:130 Resp: 60704
Ion Ratio Lower Upper
130 100
95 96.8 0.0 195.4



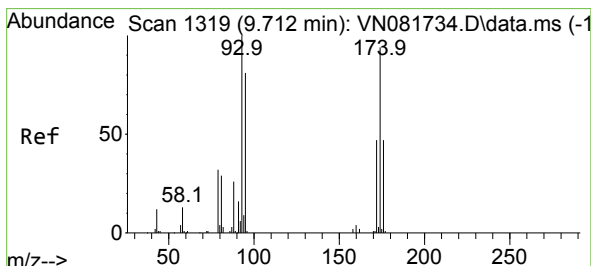
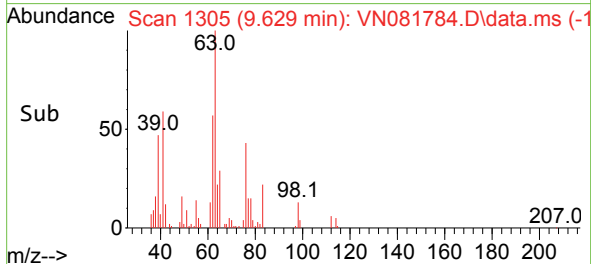
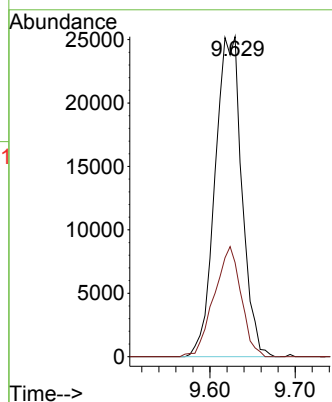


#45
1,2-Dichloropropane
Concen: 18.846 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :

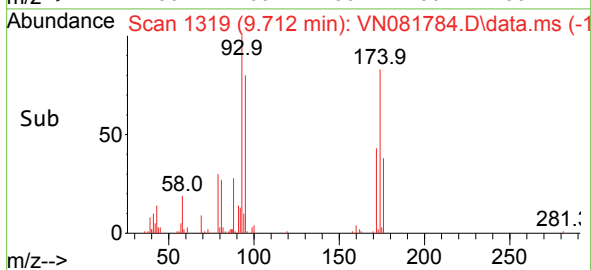
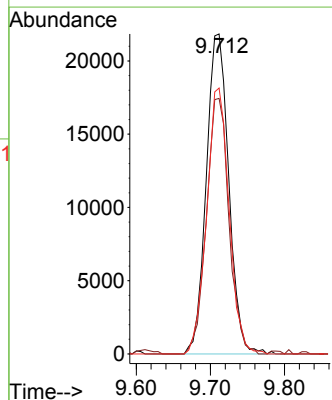
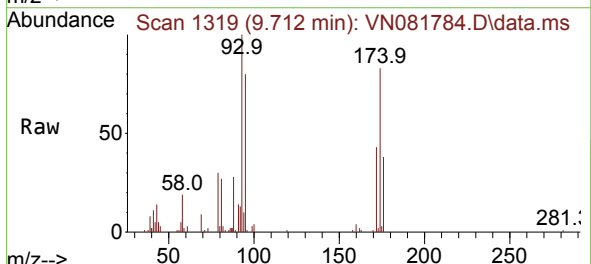


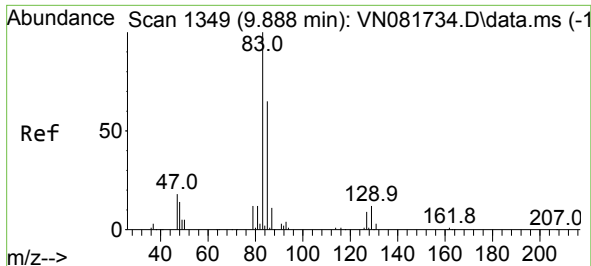
Tgt Ion: 63 Resp: 55028
Ion Ratio Lower Upper
63 100
65 29.4 24.1 36.1



#46
Dibromomethane
Concen: 18.901 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 93 Resp: 46062
Ion Ratio Lower Upper
93 100
95 79.9 64.8 97.2
174 82.9 73.4 110.0

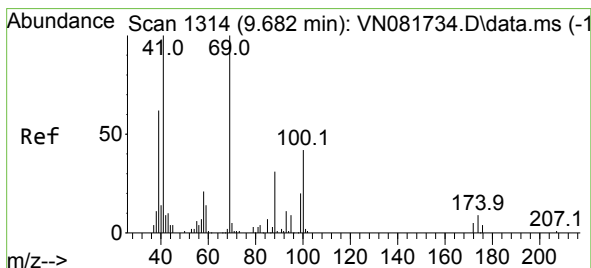
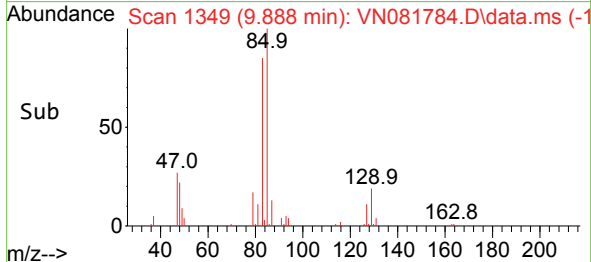
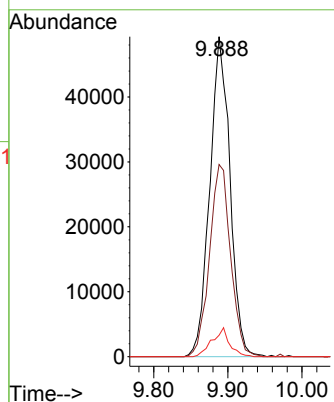
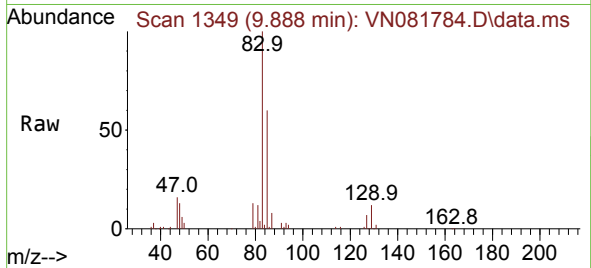




#47
Bromodichloromethane
Concen: 20.020 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

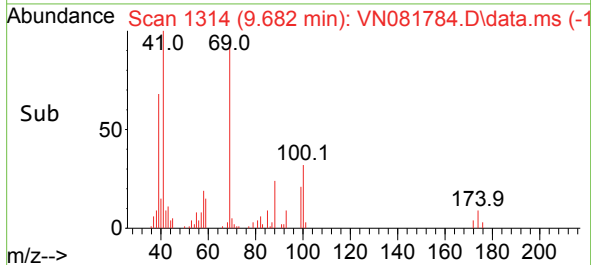
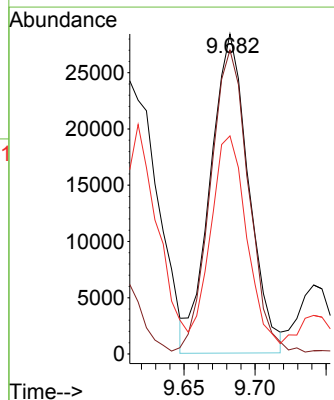
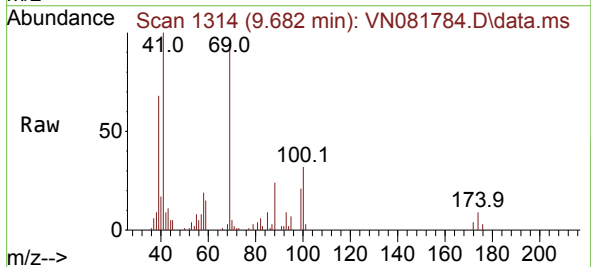
Instrument :
MSVOA_N
ClientSampleId :

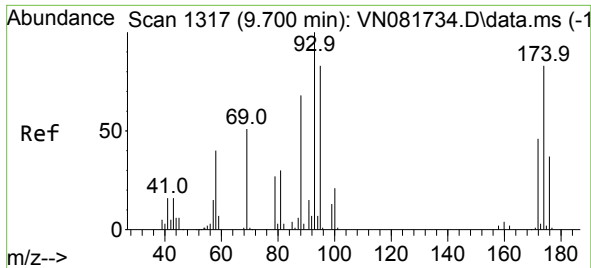
Tgt Ion: 83 Resp: 93199
Ion Ratio Lower Upper
83 100
85 60.1 51.9 77.9
127 6.7 7.5 11.3#



#48
Methyl methacrylate
Concen: 21.031 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

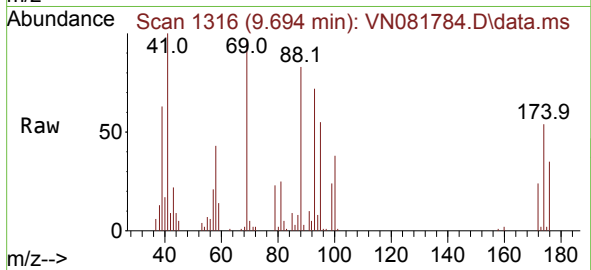
Tgt Ion: 41 Resp: 53427
Ion Ratio Lower Upper
41 100
69 96.2 77.9 116.9
39 65.9 50.9 76.3



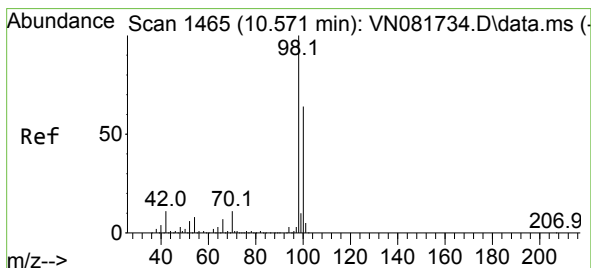
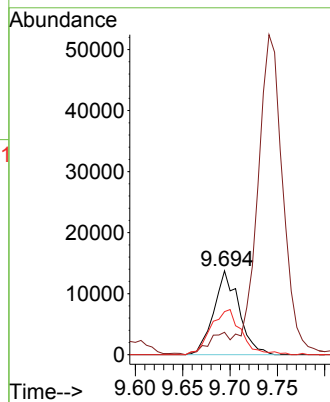
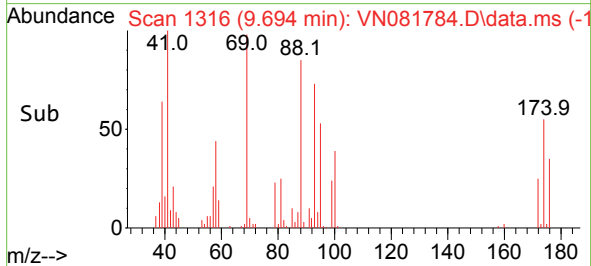


#49
1,4-Dioxane
Concen: 400.875 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :

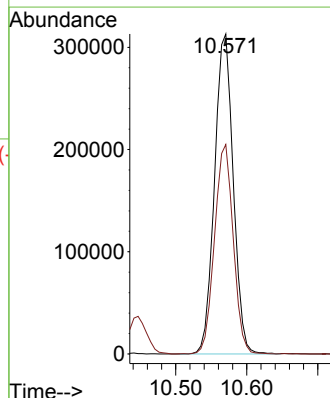
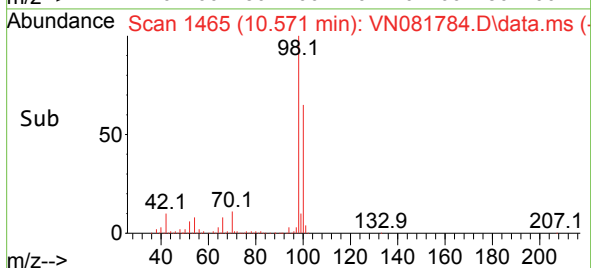
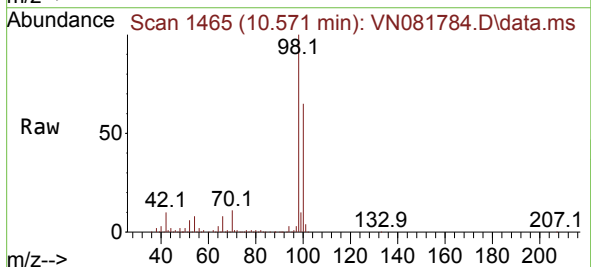


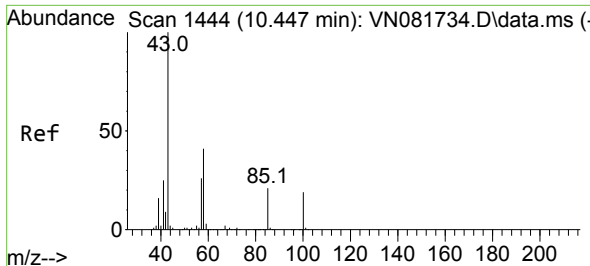
Tgt Ion: 88 Resp: 25541
Ion Ratio Lower Upper
88 100
43 22.5 19.0 28.6
58 64.8 50.6 76.0



#50
Toluene-d8
Concen: 53.175 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

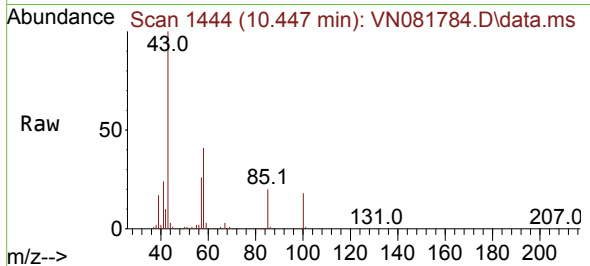
Tgt Ion: 98 Resp: 571645
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



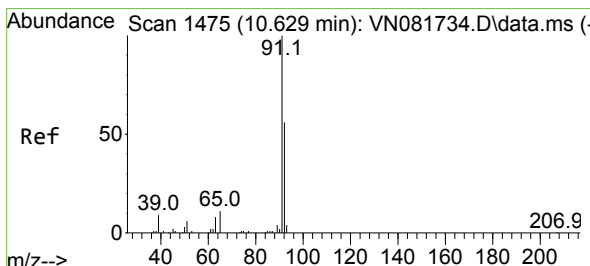
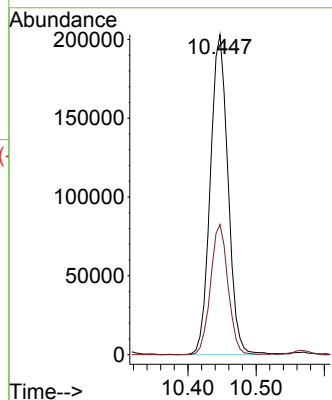
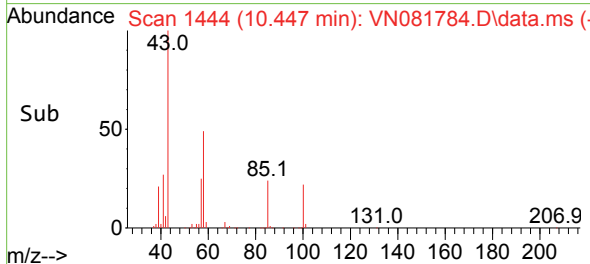


#51
4-Methyl-2-Pentanone
Concen: 105.992 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :

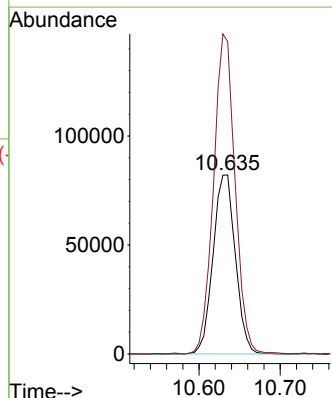
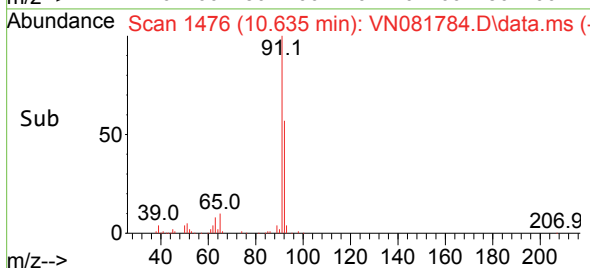
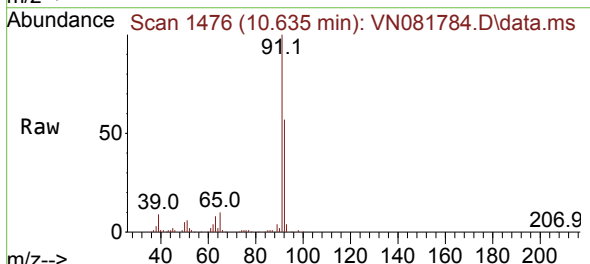


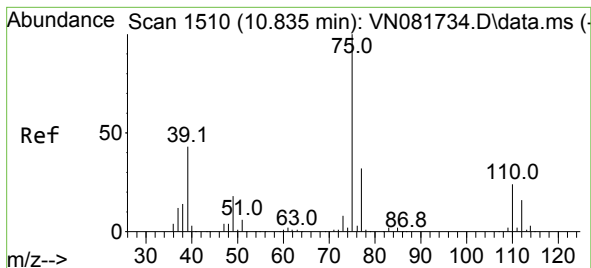
Tgt Ion: 43 Resp: 367443
Ion Ratio Lower Upper
43 100
58 40.1 33.2 49.8



#52
Toluene
Concen: 19.501 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 92 Resp: 156874
Ion Ratio Lower Upper
92 100
91 172.7 136.7 205.1

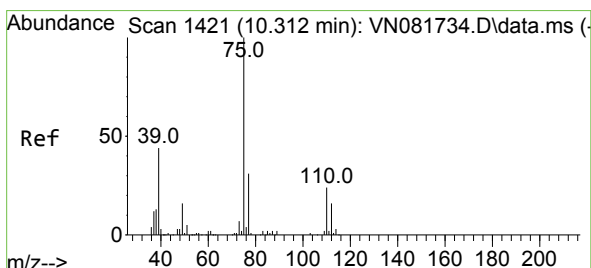
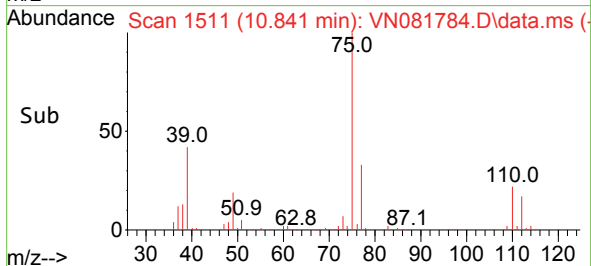
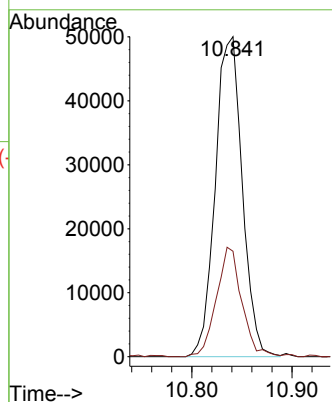
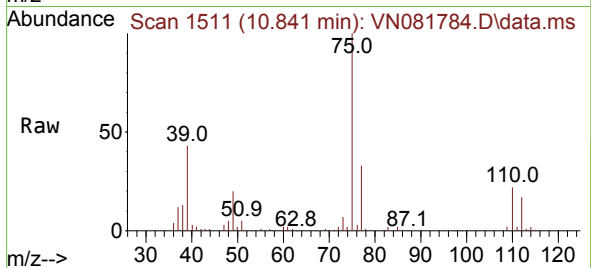




#53
 t-1,3-Dichloropropene
 Concen: 20.131 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

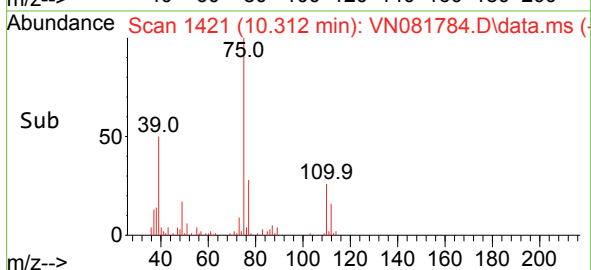
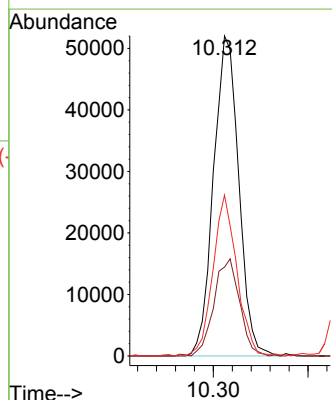
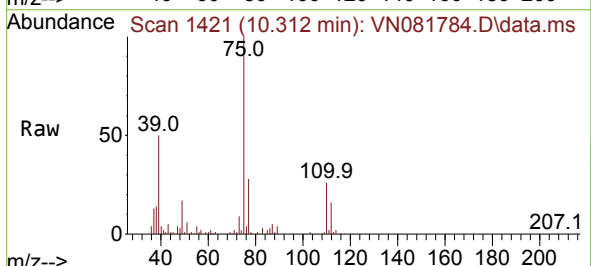
Instrument :
 MSVOA_N
 ClientSampleId :

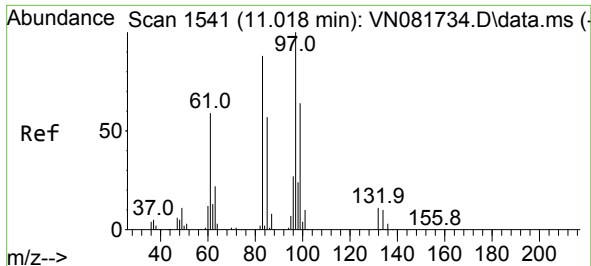
Tgt Ion: 75 Resp: 93356
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.456 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

Tgt Ion: 75 Resp: 96116
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.0 37.4
 39 49.9 34.8 52.2

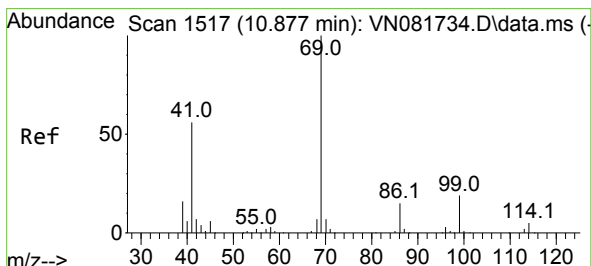
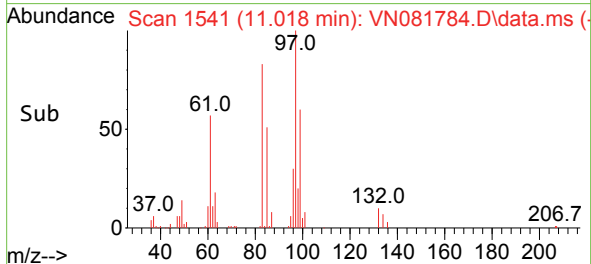
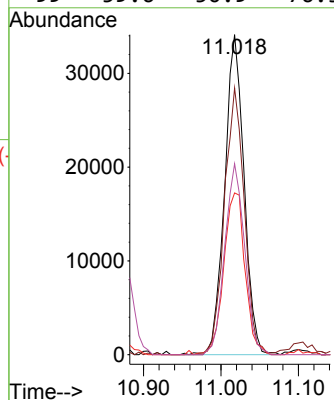
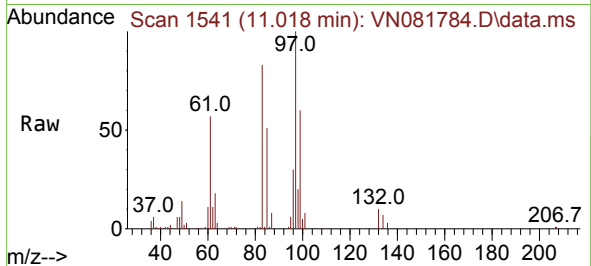




#55
1,1,2-Trichloroethane
Concen: 19.699 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

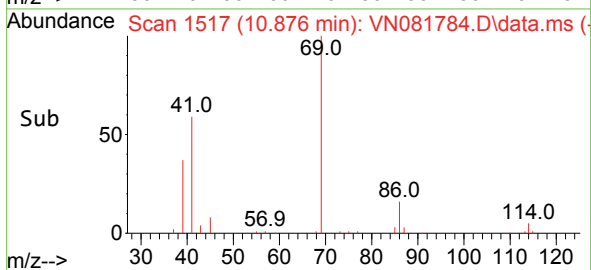
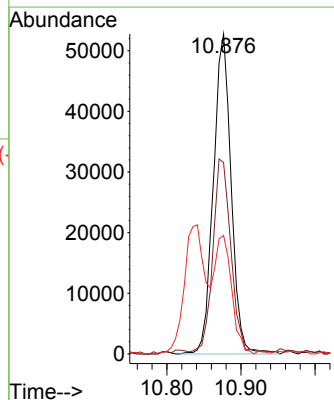
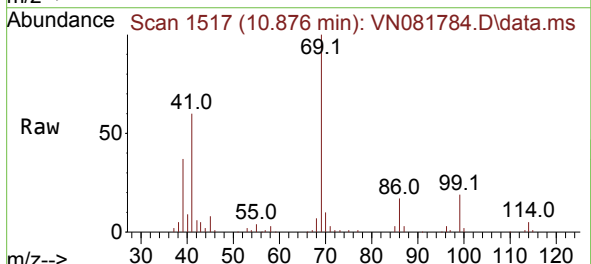
Instrument :
MSVOA_N
ClientSampleId :

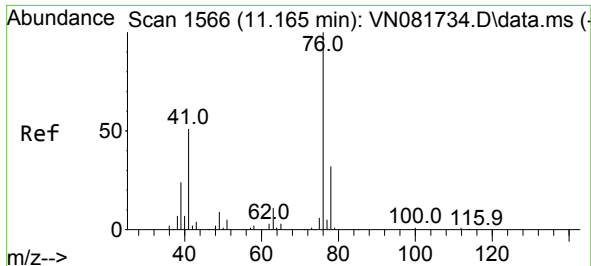
Tgt Ion:	97	Resp:	59530
Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.4	105.6
85	50.5	45.6	68.4
99	59.6	50.9	76.3



#56
Ethyl methacrylate
Concen: 21.133 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

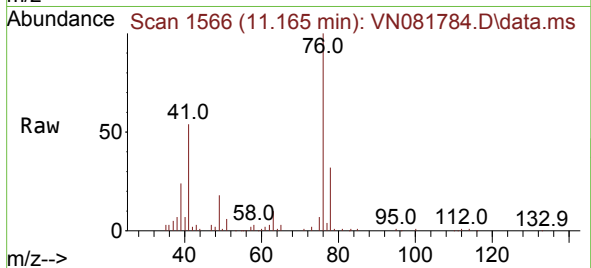
Tgt Ion:	69	Resp:	87872
Ion	Ratio	Lower	Upper
69	100		
41	61.3	46.6	70.0
39	34.9	26.5	39.7



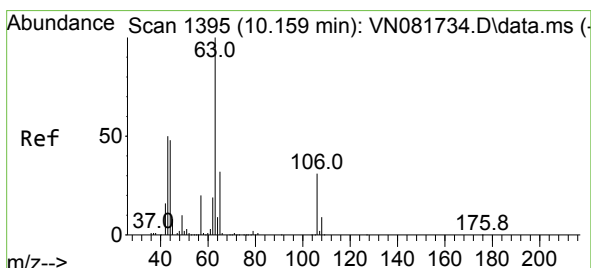
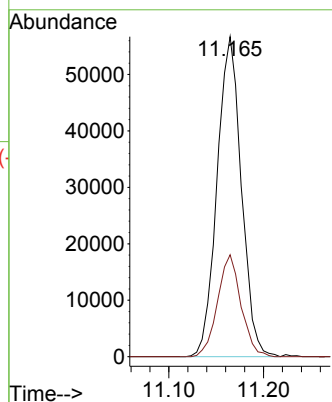
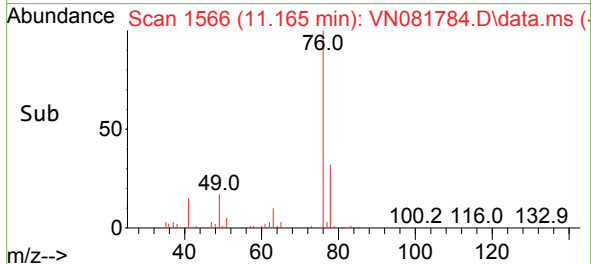


#57
1,3-Dichloropropane
Concen: 19.965 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :

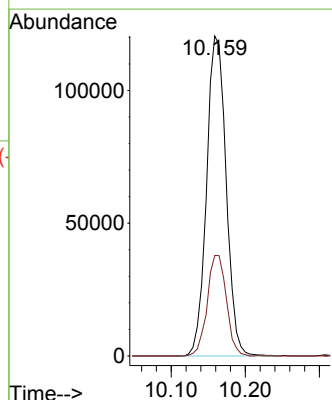
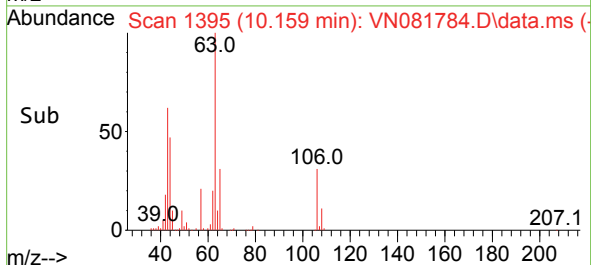
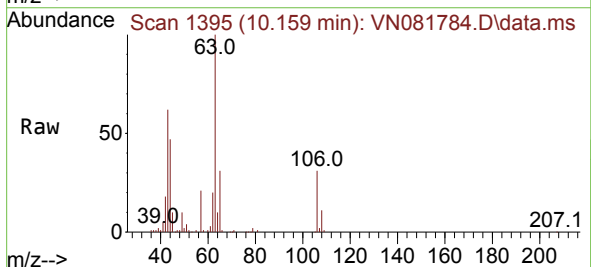


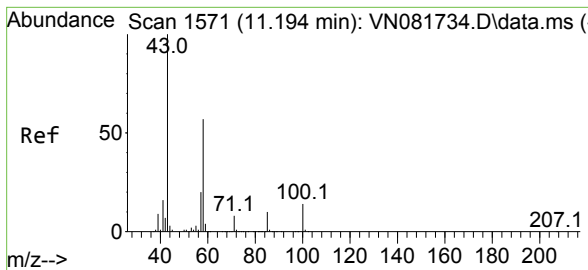
Tgt Ion: 76 Resp: 100990
Ion Ratio Lower Upper
76 100
78 30.8 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 100.245 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 63 Resp: 220547
Ion Ratio Lower Upper
63 100
106 30.8 24.6 36.8

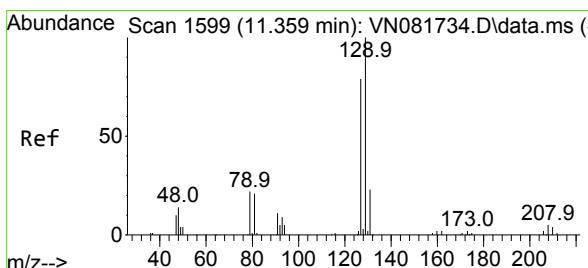
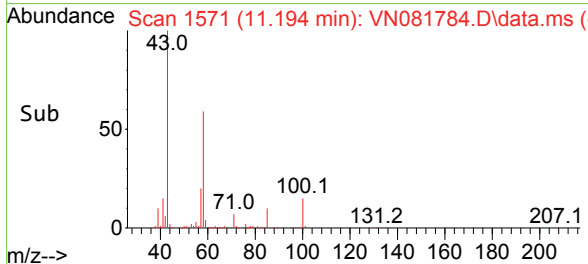
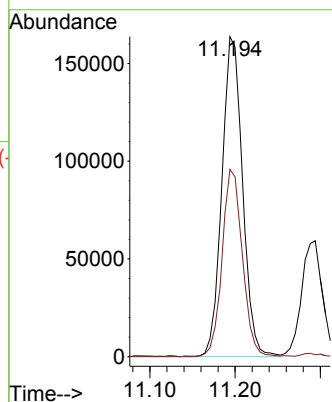
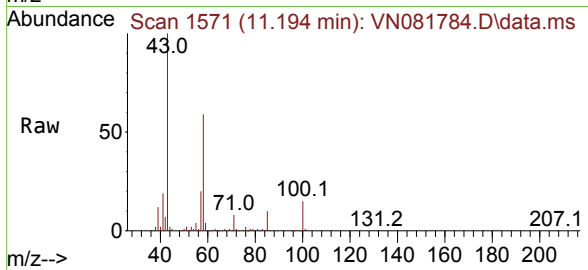




#59
2-Hexanone
Concen: 110.159 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

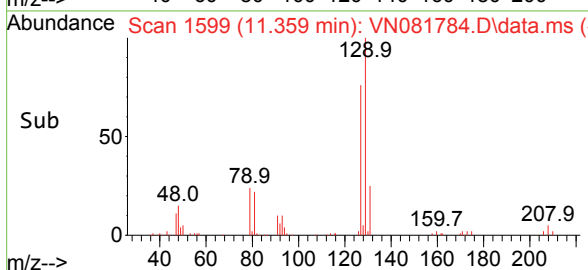
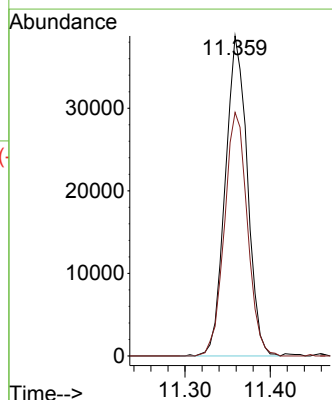
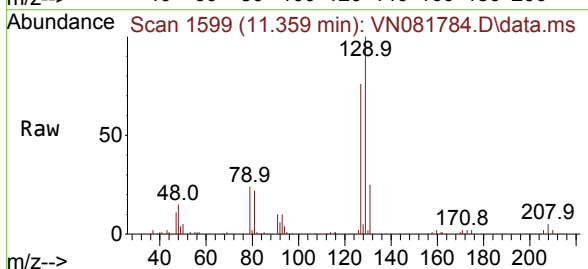
Instrument :
MSVOA_N
ClientSampleId :

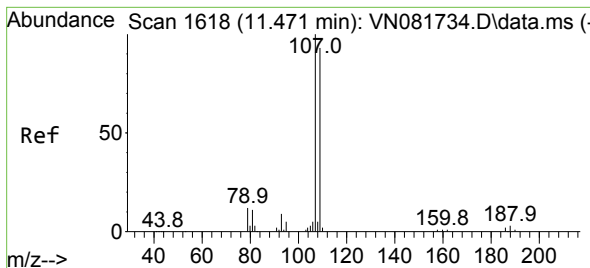
Tgt Ion: 43 Resp: 276452
Ion Ratio Lower Upper
43 100
58 57.4 28.3 84.9



#60
Dibromochloromethane
Concen: 19.079 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion:129 Resp: 69687
Ion Ratio Lower Upper
129 100
127 79.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.595 ug/l

RT: 11.465 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

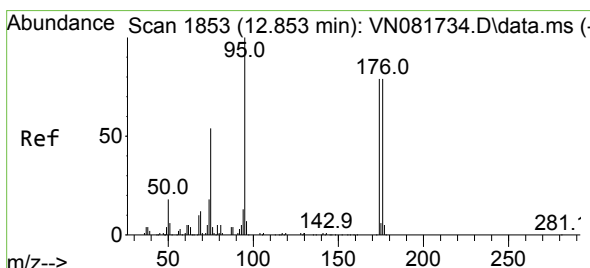
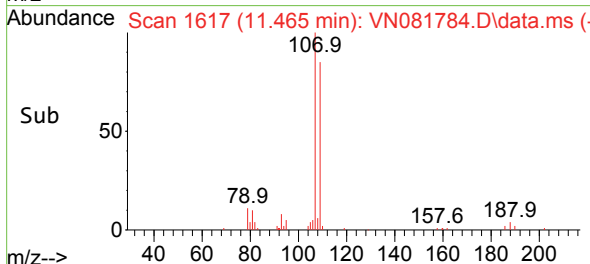
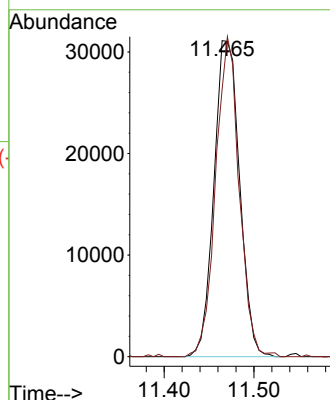
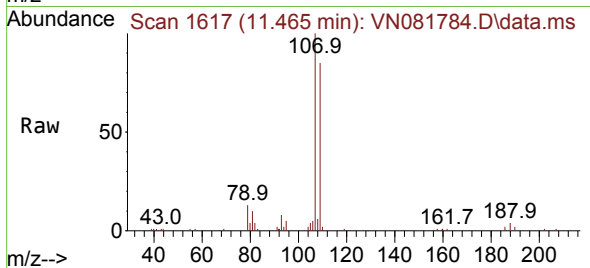
ClientSampleId :

Tgt Ion:107 Resp: 61768

Ion Ratio Lower Upper

107 100

109 93.0 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 56.463 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

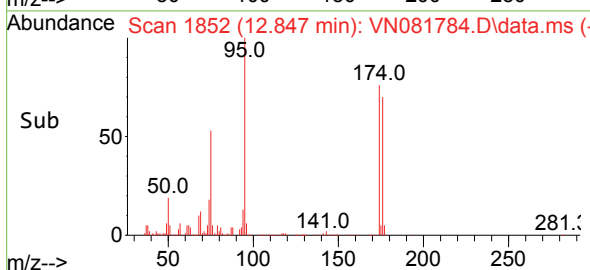
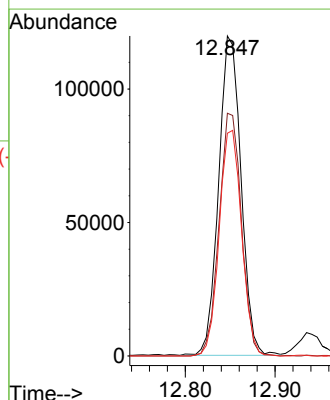
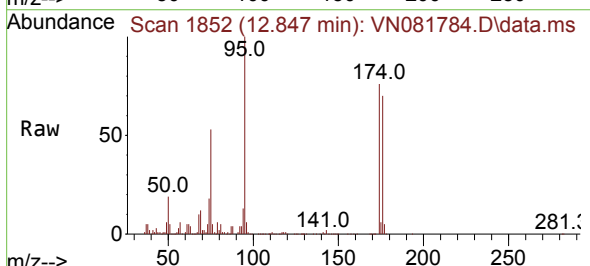
Tgt Ion: 95 Resp: 207423

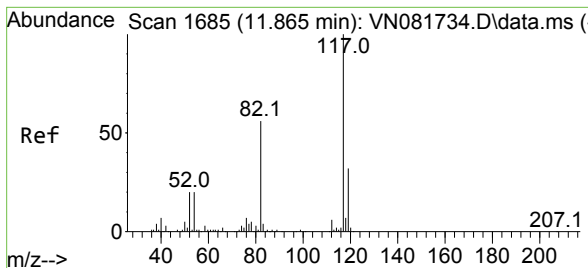
Ion Ratio Lower Upper

95 100

174 75.7 0.0 160.6

176 70.6 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

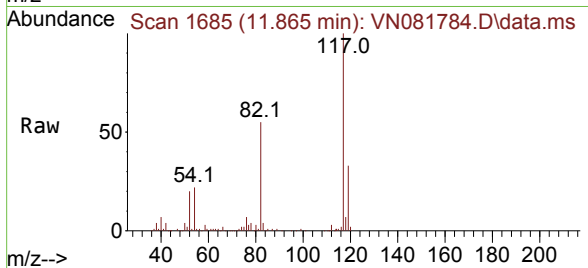
Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :



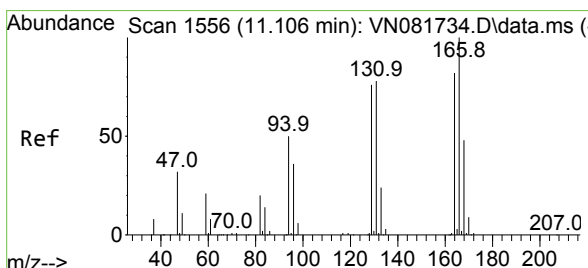
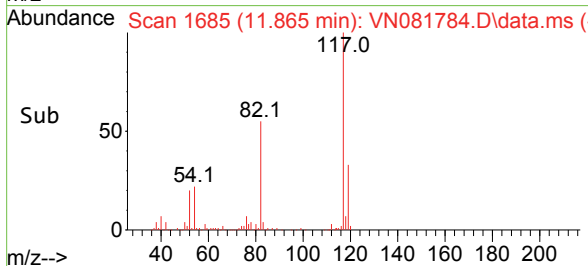
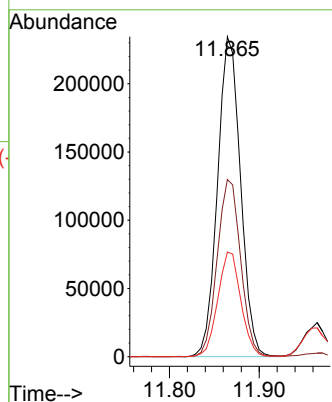
Tgt Ion:117 Resp: 416606

Ion Ratio Lower Upper

117 100

82 55.2 44.6 66.8

119 32.7 25.9 38.9



#64

Tetrachloroethene

Concen: 17.600 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Tgt Ion:164 Resp: 62210

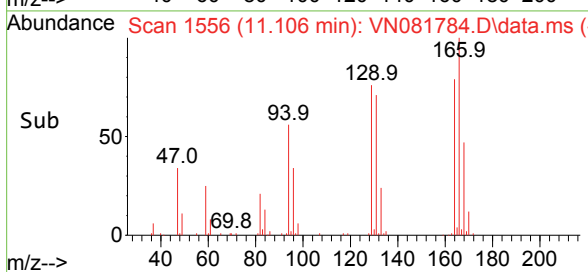
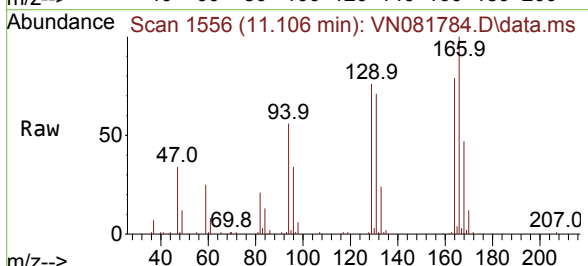
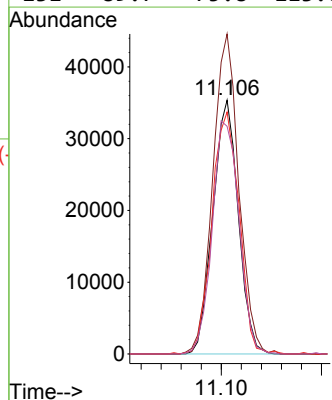
Ion Ratio Lower Upper

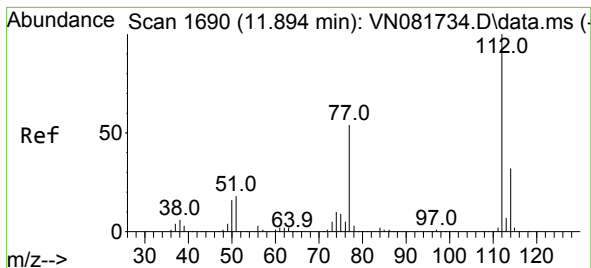
164 100

166 126.1 97.6 146.4

129 95.3 73.7 110.5

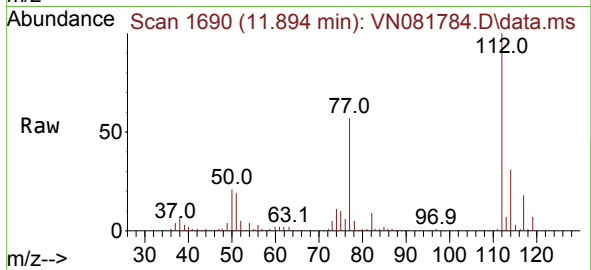
131 89.7 75.8 113.6



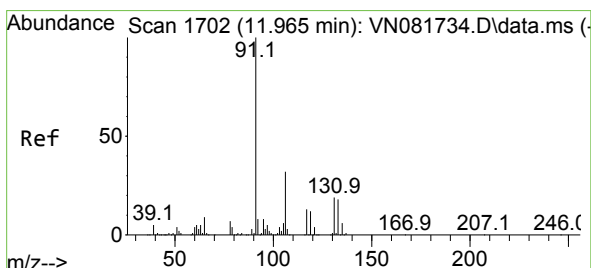
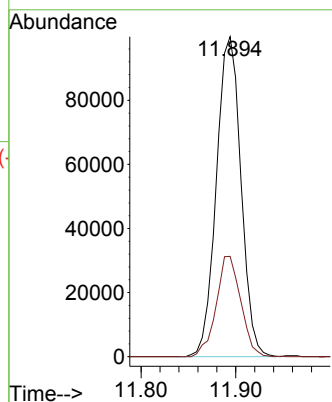
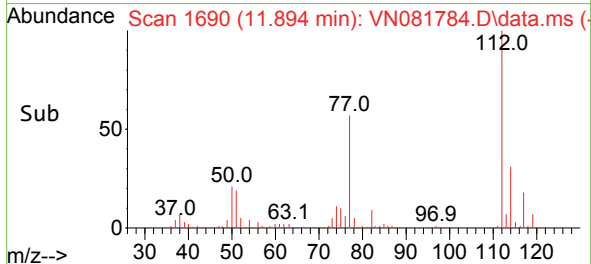


#65
Chlorobenzene
Concen: 18.797 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

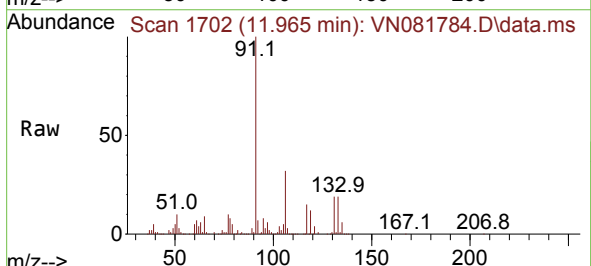
Instrument :
MSVOA_N
ClientSampleId :



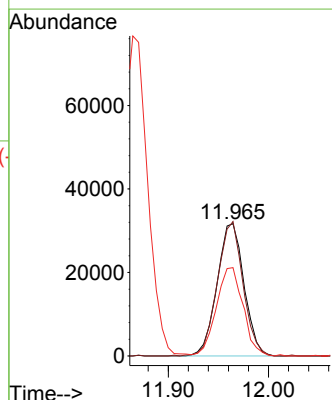
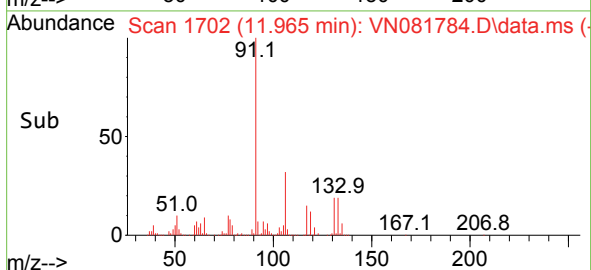
Tgt Ion:112 Resp: 180190
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

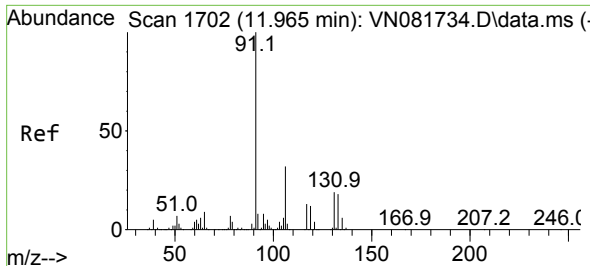


#66
1,1,1,2-Tetrachloroethane
Concen: 18.076 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54



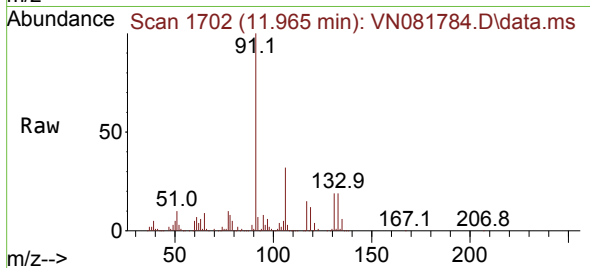
Tgt Ion:131 Resp: 59113
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.6
119 66.1 32.9 98.7



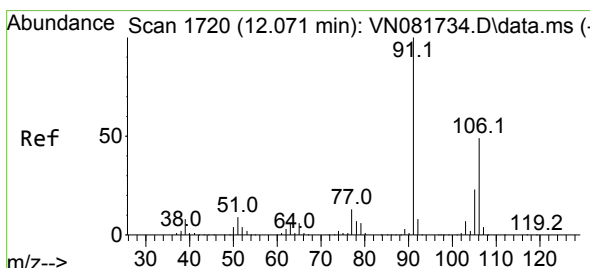
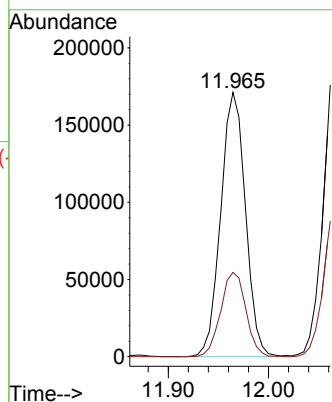
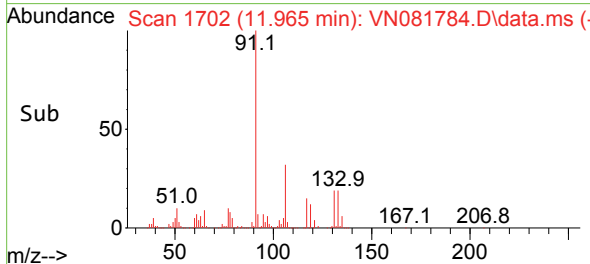


#67
Ethyl Benzene
Concen: 19.417 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

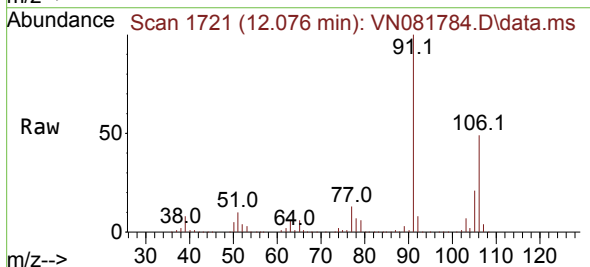
Instrument :
MSVOA_N
ClientSampleId :



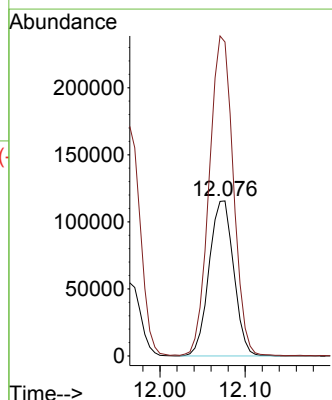
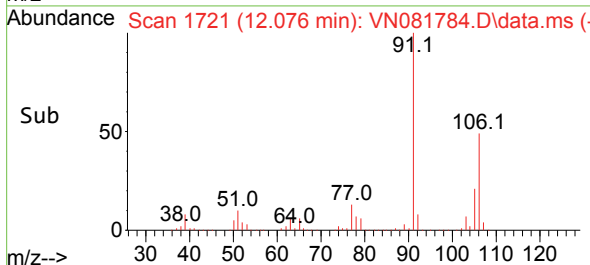
Tgt Ion: 91 Resp: 292993
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9

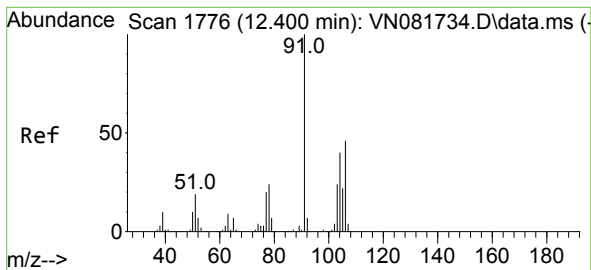


#68
m/p-Xylenes
Concen: 39.508 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.005 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54



Tgt Ion: 106 Resp: 231819
Ion Ratio Lower Upper
106 100
91 202.1 159.4 239.0

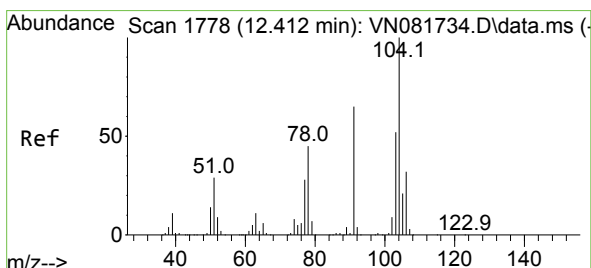
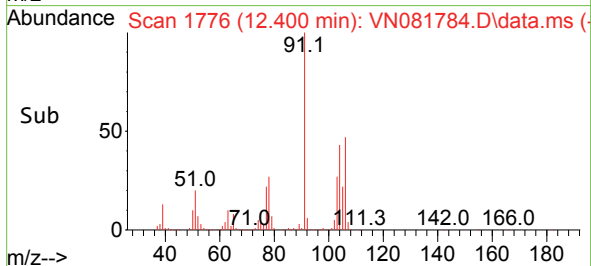
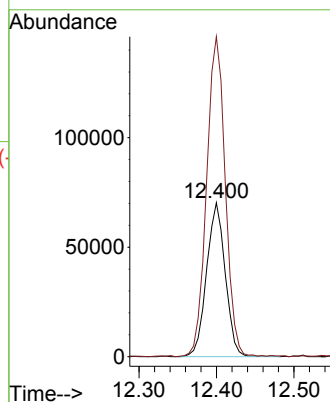
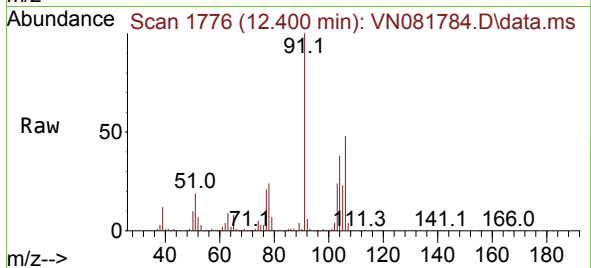




#69
o-Xylene
Concen: 20.870 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

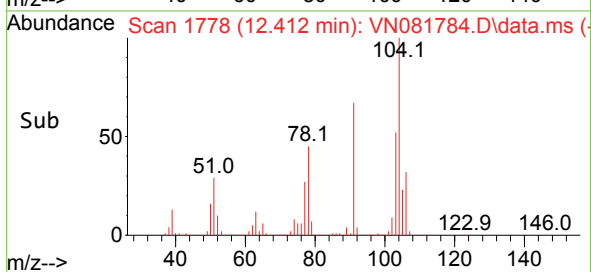
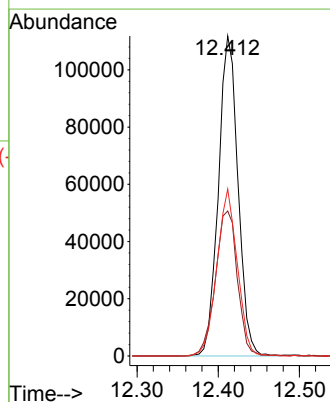
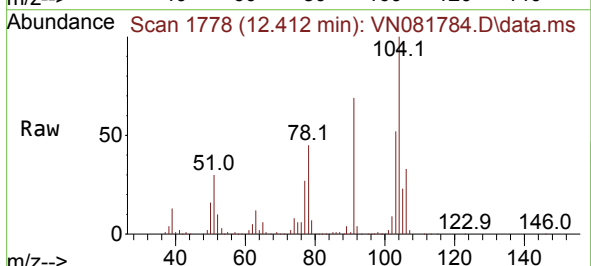
Instrument :
MSVOA_N
ClientSampleId :

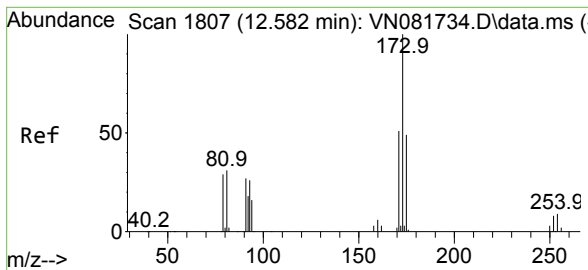
Tgt Ion:106 Resp: 117357
Ion Ratio Lower Upper
106 100
91 208.5 104.7 314.1



#70
Styrene
Concen: 20.392 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion:104 Resp: 187856
Ion Ratio Lower Upper
104 100
78 50.7 38.6 58.0
103 54.4 43.8 65.6





#71

Bromoform

Concen: 17.849 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081784.D

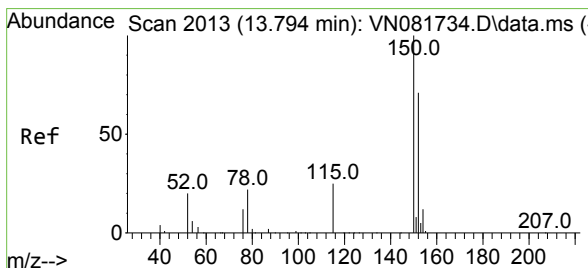
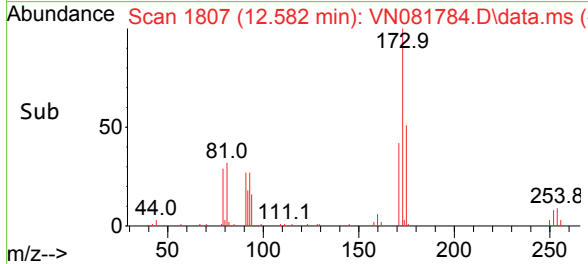
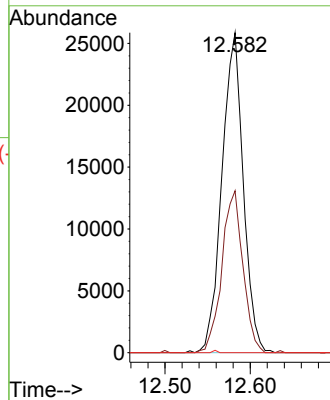
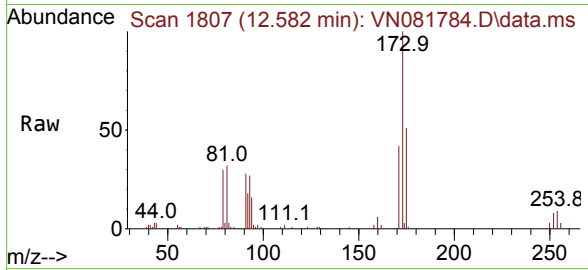
Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	45041
Ion Ratio	Lower	Upper
173	100	
175	50.0	24.6 74.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

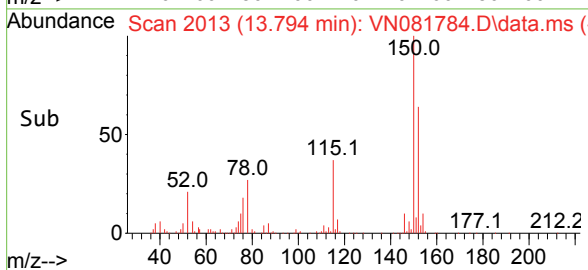
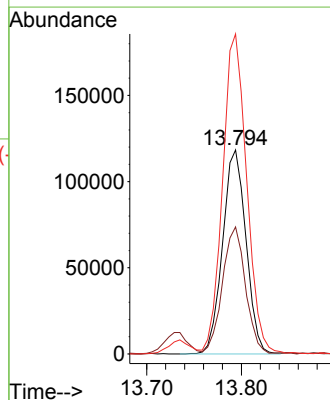
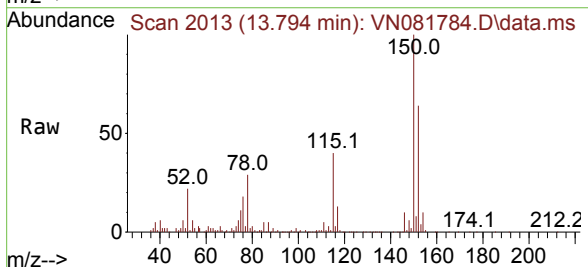
RT: 13.794 min Scan# 2013

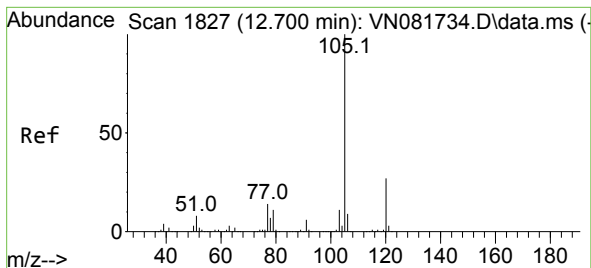
Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Tgt Ion:152	Resp:	203223
Ion Ratio	Lower	Upper
152	100	
115	61.7	30.4 91.3
150	160.9	0.0 353.2





#73

Isopropylbenzene

Concen: 18.951 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

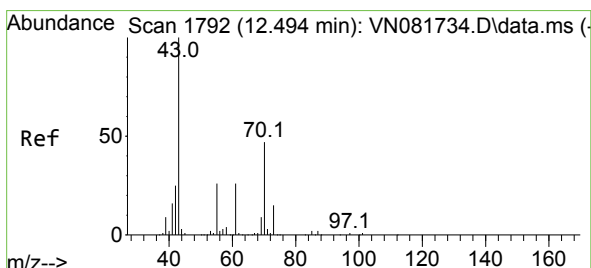
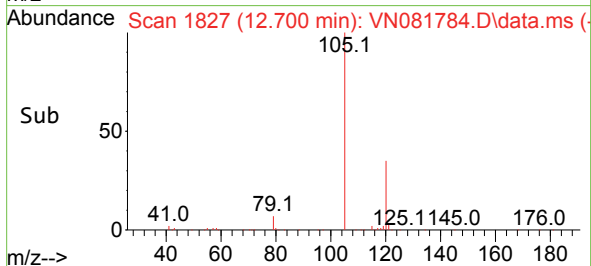
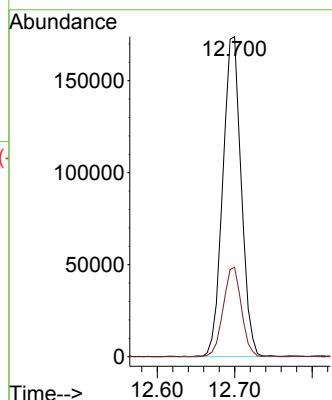
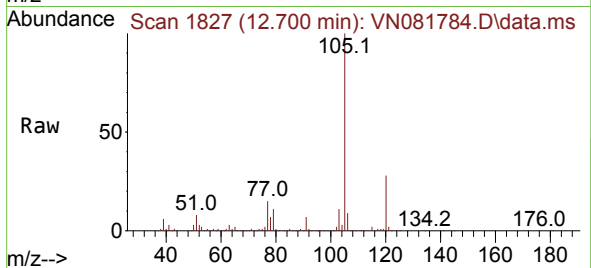
ClientSampleId :

Tgt Ion:105 Resp: 288808

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 18.968 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Tgt Ion: 43 Resp: 105203

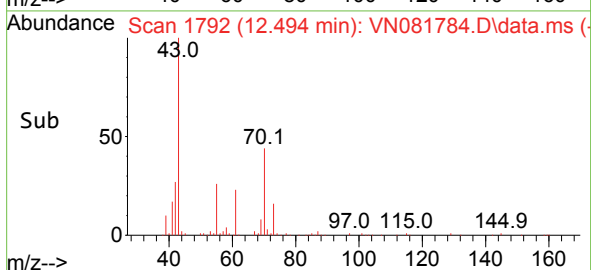
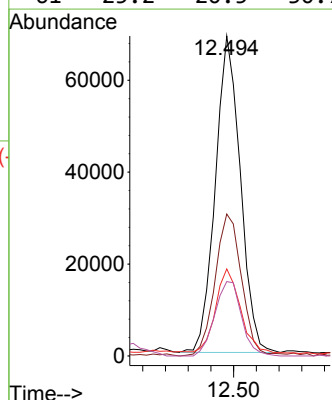
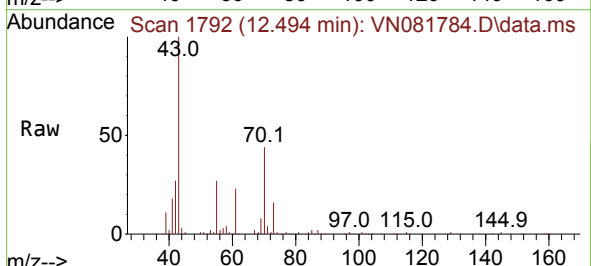
Ion Ratio Lower Upper

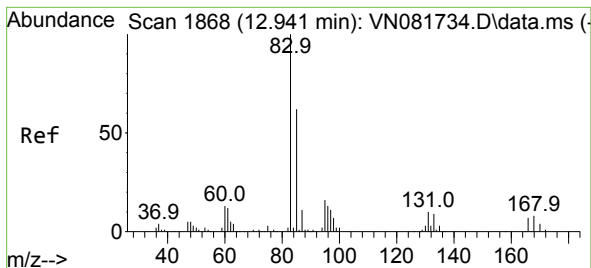
43 100

70 47.8 39.0 58.4

55 27.8 21.3 31.9

61 25.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.288 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

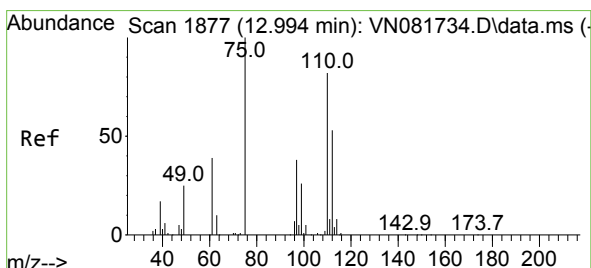
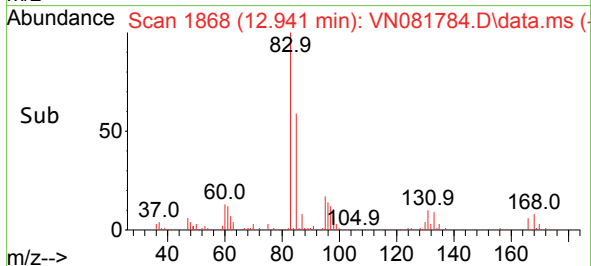
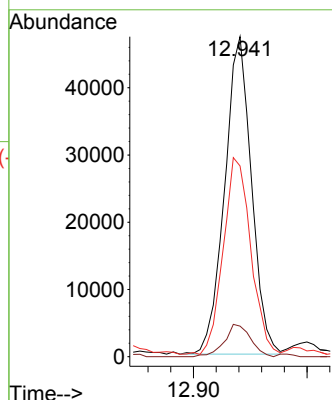
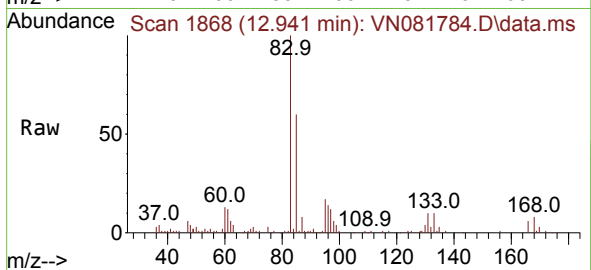
Tgt Ion: 83 Resp: 77403

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.4

85 63.1 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 29.093 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081784.D

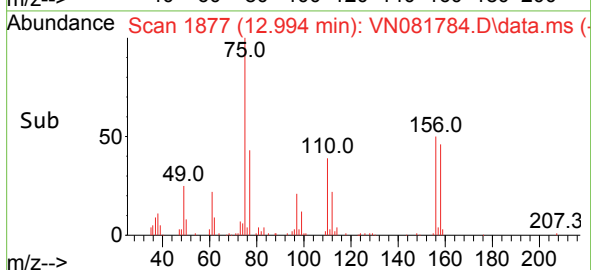
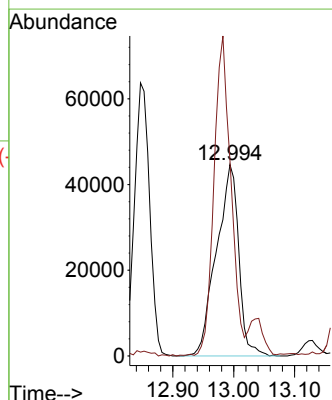
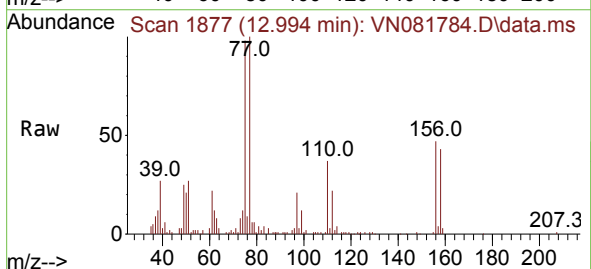
Acq: 18 Apr 2024 13:54

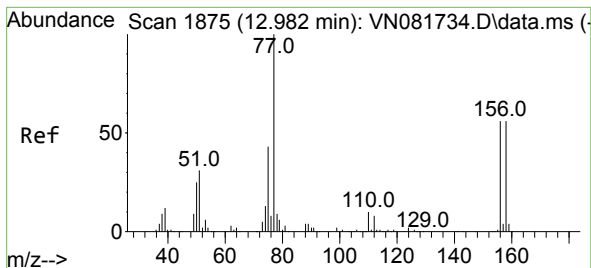
Tgt Ion: 75 Resp: 113389

Ion Ratio Lower Upper

75 100

77 127.8 90.5 271.3





#77

Bromobenzene

Concen: 18.145 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

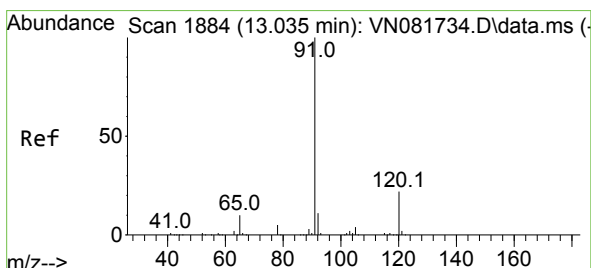
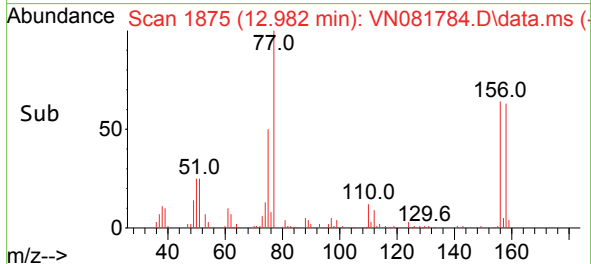
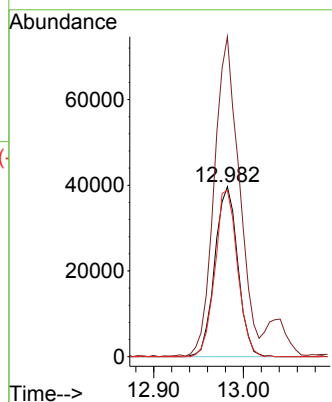
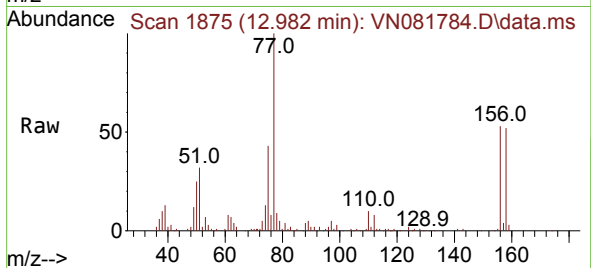
Tgt Ion:156 Resp: 70497

Ion Ratio Lower Upper

156 100

77 205.5 100.2 300.6

158 96.2 49.1 147.3



#78

n-propylbenzene

Concen: 18.853 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081784.D

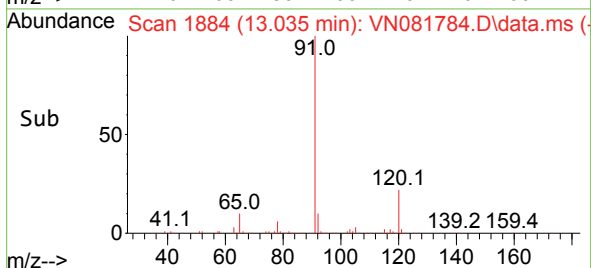
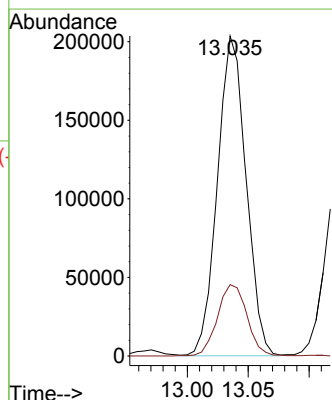
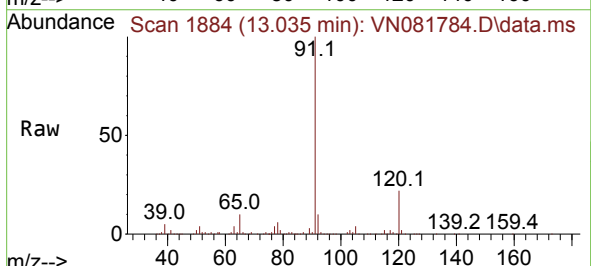
Acq: 18 Apr 2024 13:54

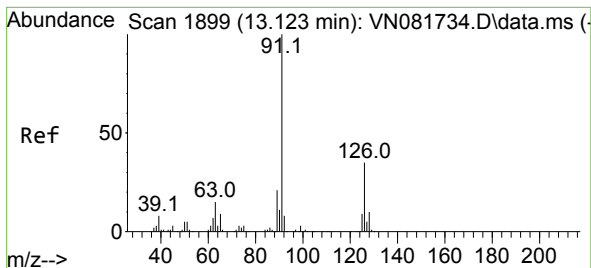
Tgt Ion: 91 Resp: 333387

Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.0





#79

2-Chlorotoluene

Concen: 19.022 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

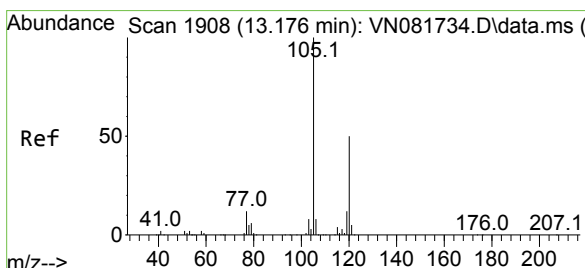
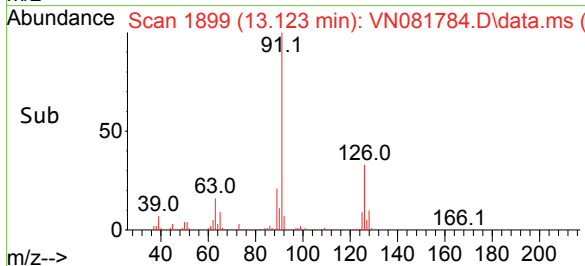
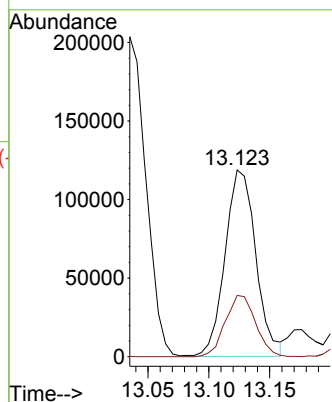
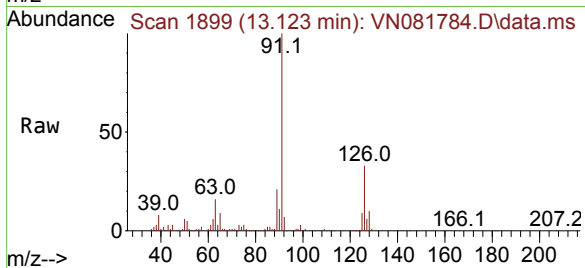
ClientSampleId :

Tgt Ion: 91 Resp: 209680

Ion Ratio Lower Upper

91 100

126 32.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.622 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081784.D

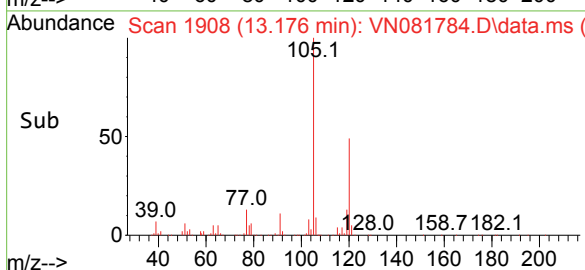
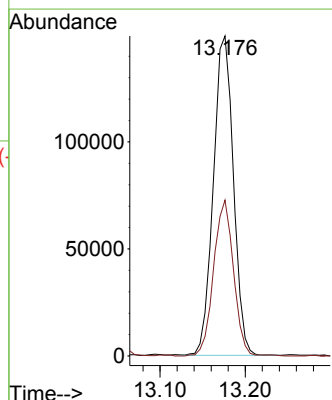
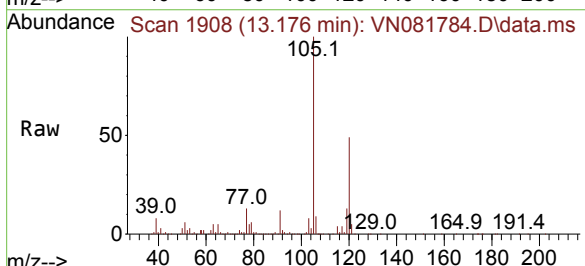
Acq: 18 Apr 2024 13:54

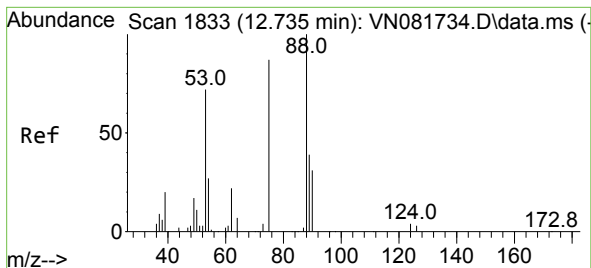
Tgt Ion: 105 Resp: 244275

Ion Ratio Lower Upper

105 100

120 48.4 24.8 74.3

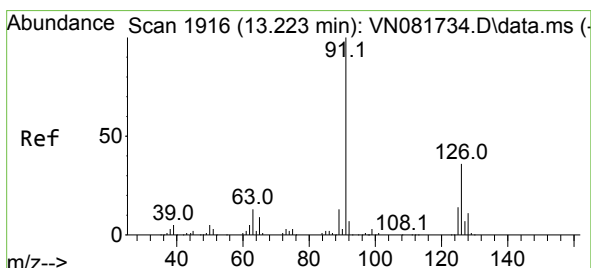
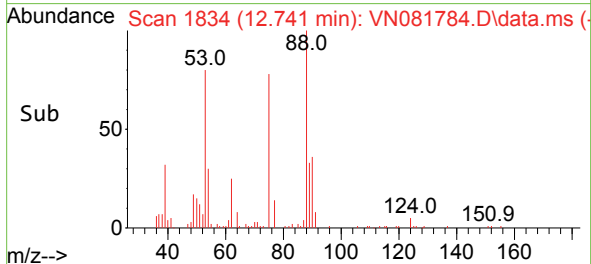
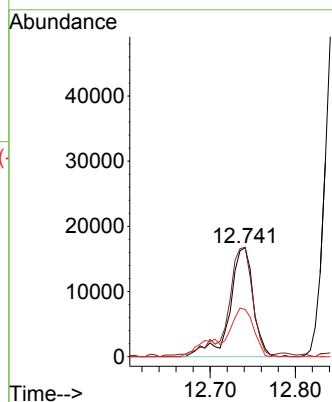
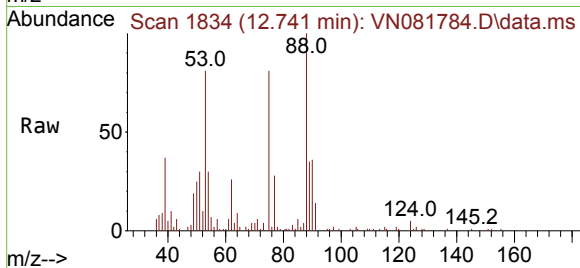




#81
trans-1,4-Dichloro-2-butene
Concen: 19.205 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

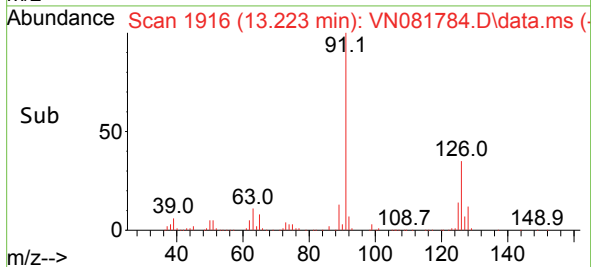
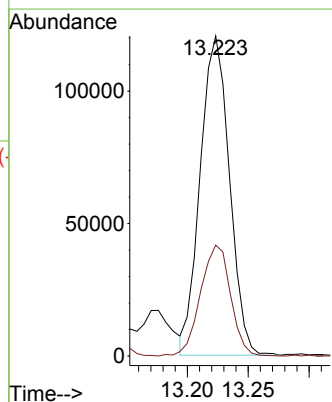
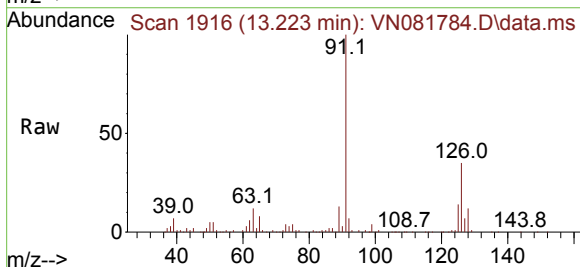
Instrument :
MSVOA_N
ClientSampleId :

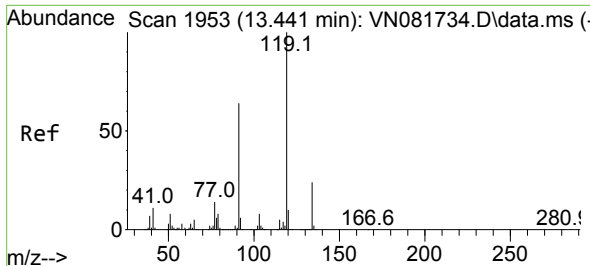
Tgt Ion: 75 Resp: 31898
Ion Ratio Lower Upper
75 100
53 107.7 72.9 109.3
89 43.6 39.1 58.7



#82
4-Chlorotoluene
Concen: 18.485 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 91 Resp: 201291
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3

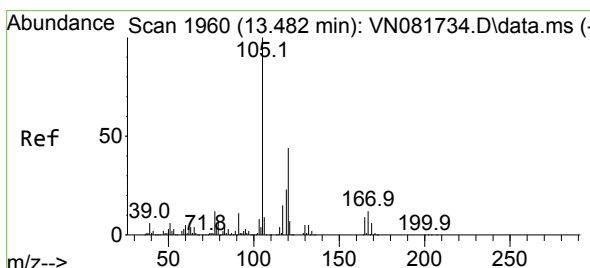
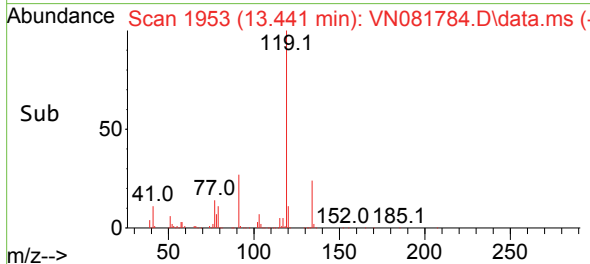
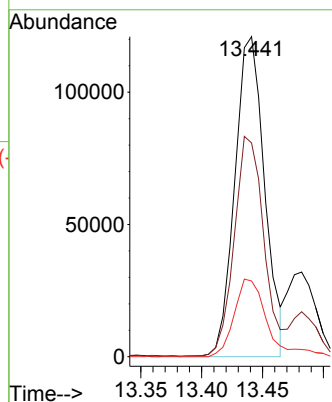
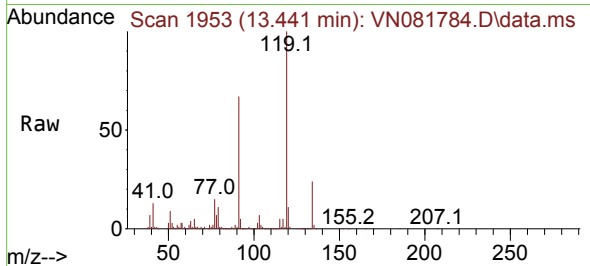




#83
 tert-Butylbenzene
 Concen: 18.898 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

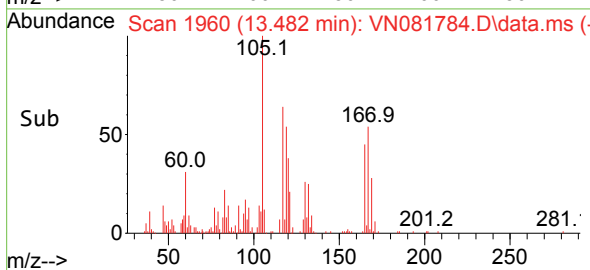
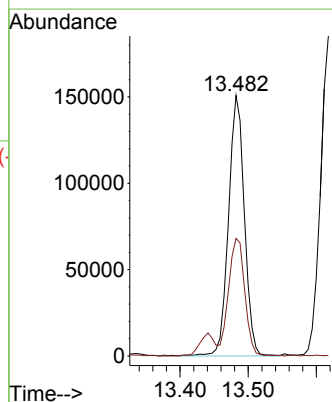
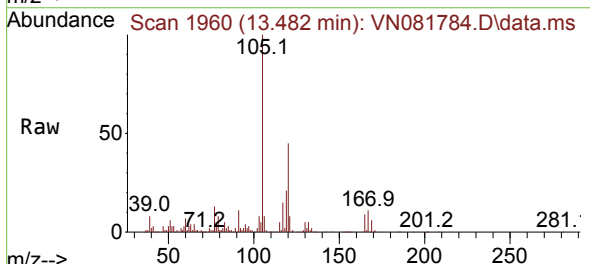
Instrument :
 MSVOA_N
 ClientSampleId :

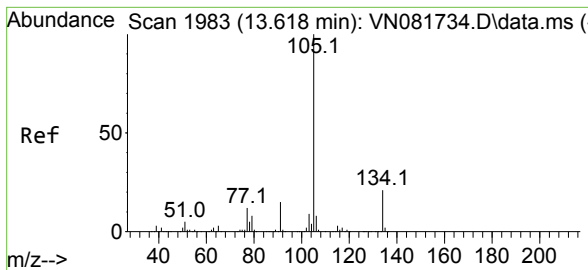
Tgt Ion:119 Resp: 206052
 Ion Ratio Lower Upper
 119 100
 91 67.4 32.6 97.8
 134 26.8 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.454 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

Tgt Ion:105 Resp: 244290
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.7

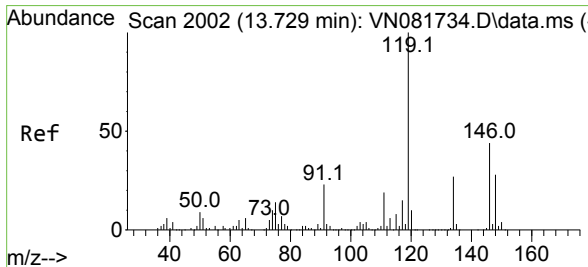
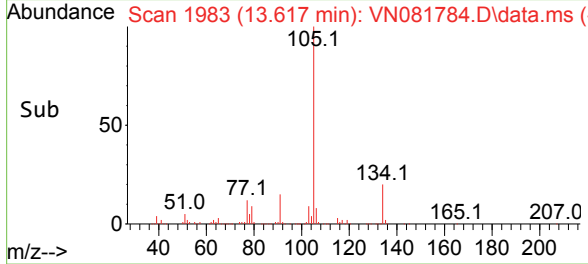
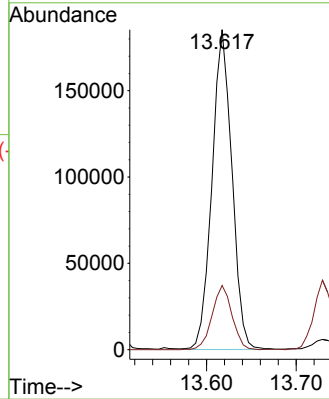
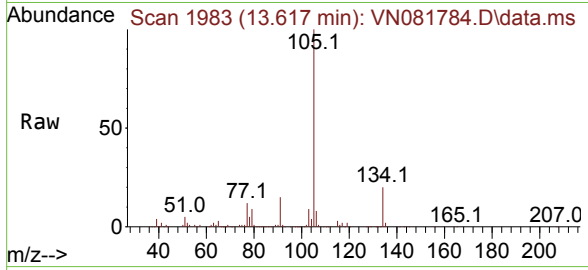




#85
 sec-Butylbenzene
 Concen: 18.762 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.001 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

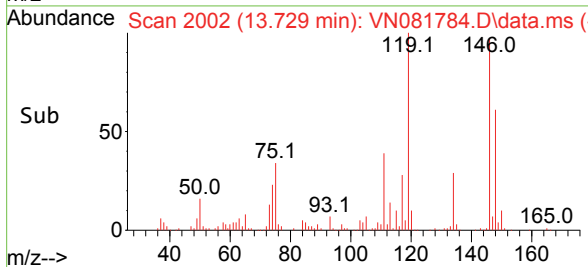
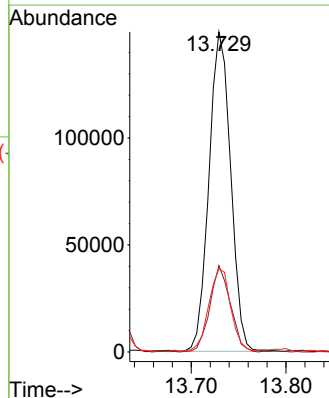
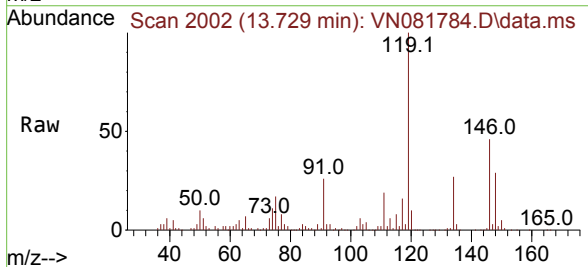
Instrument :
 MSVOA_N
 ClientSampleId :

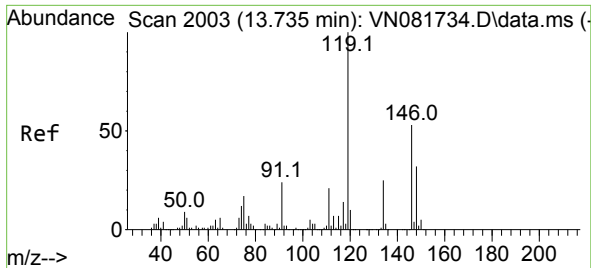
Tgt Ion:105 Resp: 285468
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.007 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

Tgt Ion:119 Resp: 237033
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 26.2 11.8 35.3

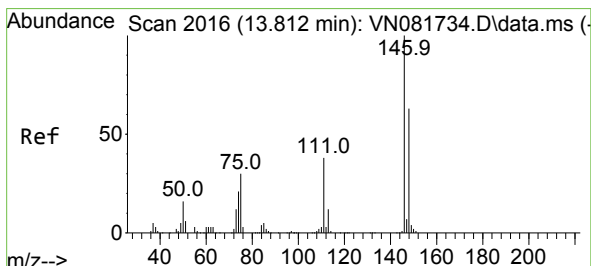
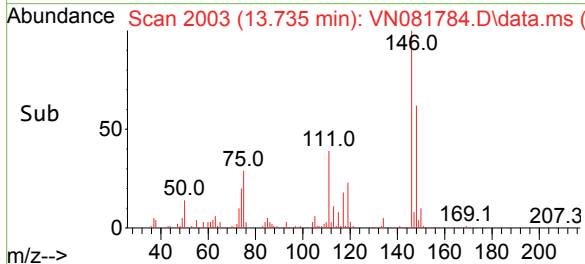
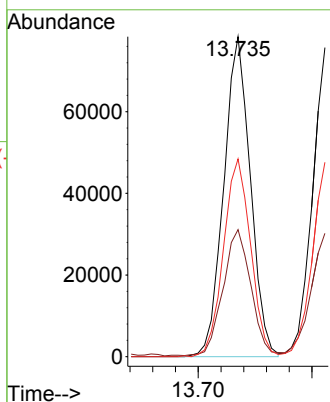
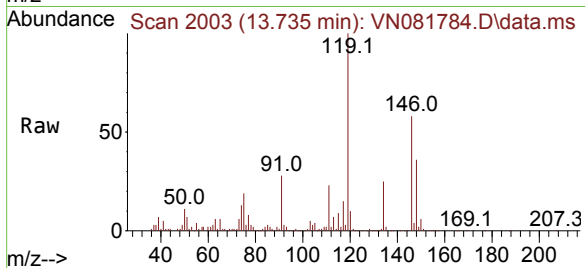




#87
 1,3-Dichlorobenzene
 Concen: 17.554 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

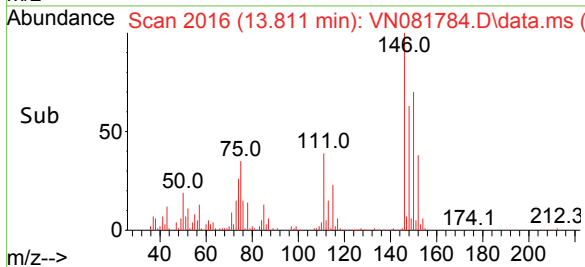
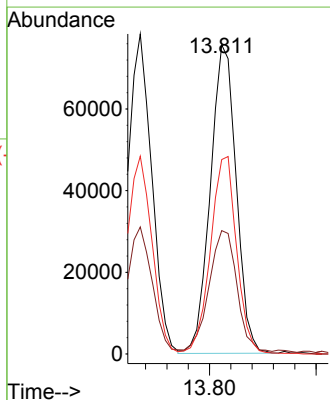
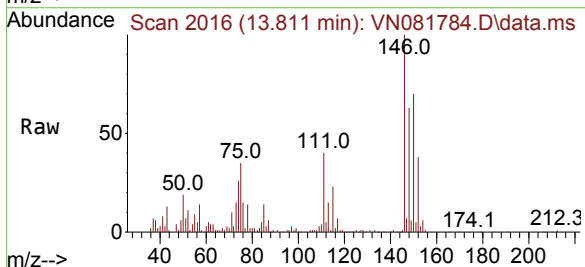
Instrument :
 MSVOA_N
 ClientSampleId :

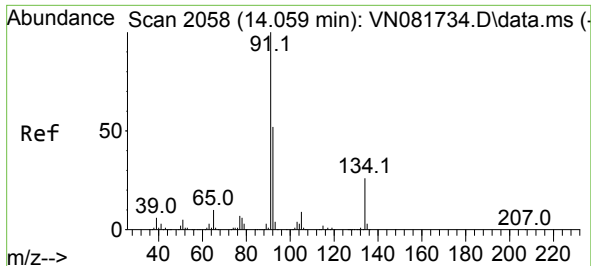
Tgt Ion:146 Resp: 127469
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.5
 148 63.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.175 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.001 min
 Lab File: VN081784.D
 Acq: 18 Apr 2024 13:54

Tgt Ion:146 Resp: 127176
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.3 57.9
 148 65.1 31.3 93.9

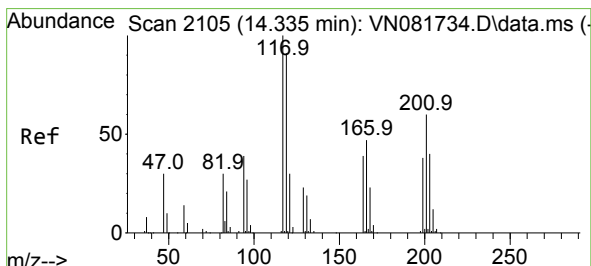
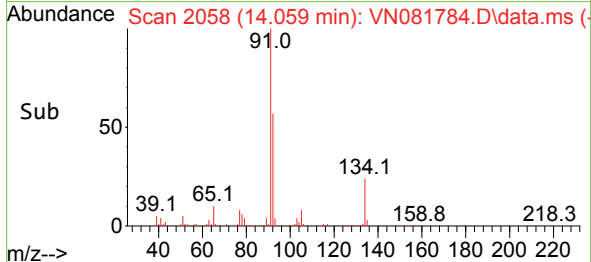
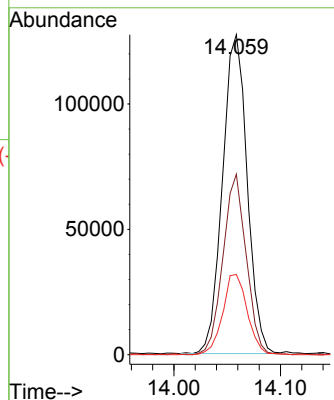
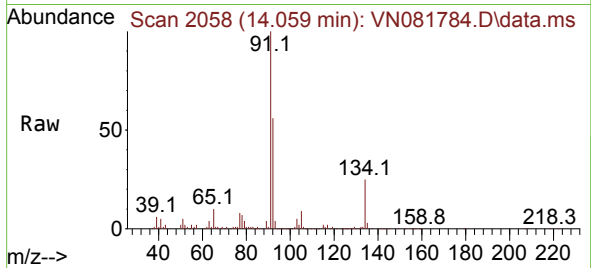




#89
n-Butylbenzene
Concen: 18.750 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

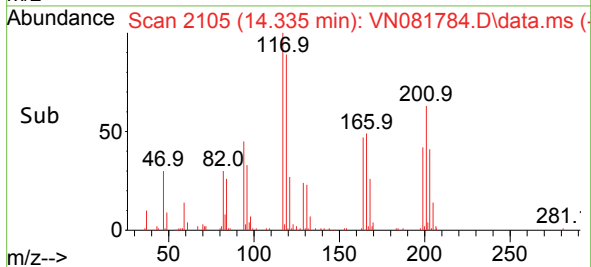
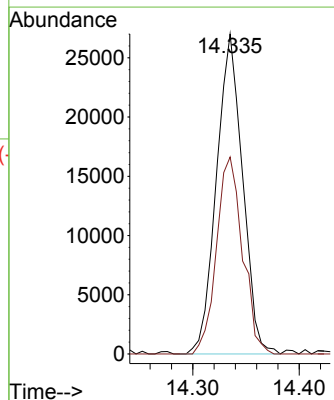
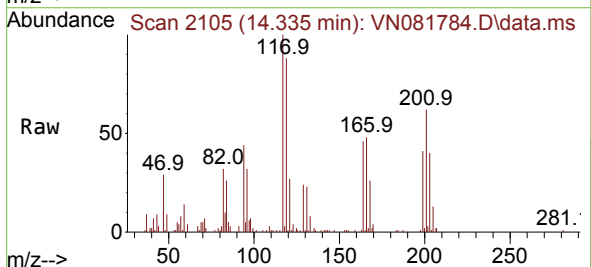
Instrument :
MSVOA_N
ClientSampleId :

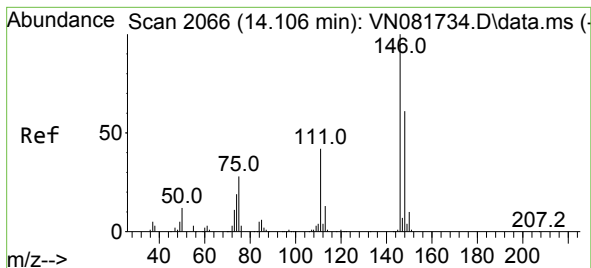
Tgt Ion: 91 Resp: 204439
Ion Ratio Lower Upper
91 100
92 53.4 26.2 78.5
134 25.2 13.2 39.5



#90
Hexachloroethane
Concen: 17.332 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081784.D
Acq: 18 Apr 2024 13:54

Tgt Ion: 117 Resp: 46012
Ion Ratio Lower Upper
117 100
201 61.4 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 18.338 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

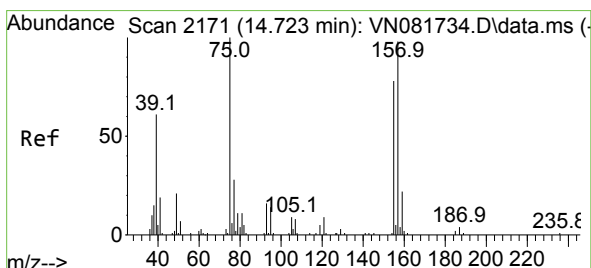
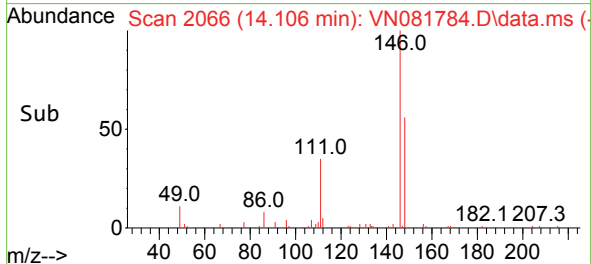
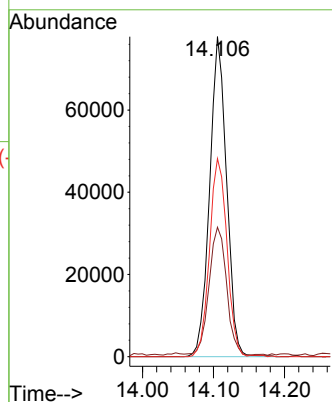
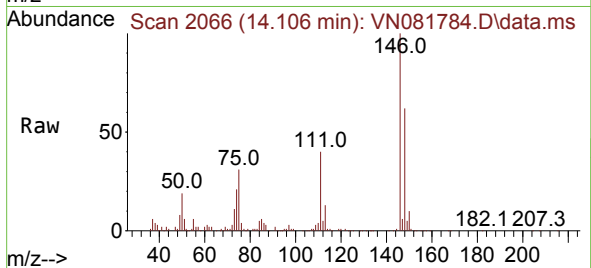
Tgt Ion:146 Resp: 128886

Ion Ratio Lower Upper

146 100

111 41.4 21.3 64.0

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.504 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

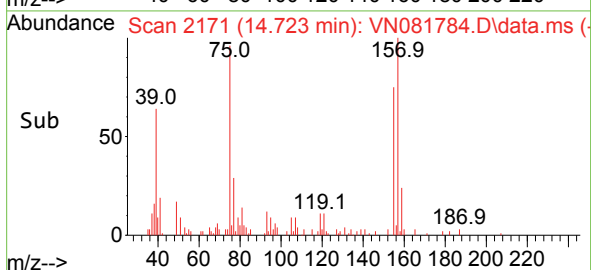
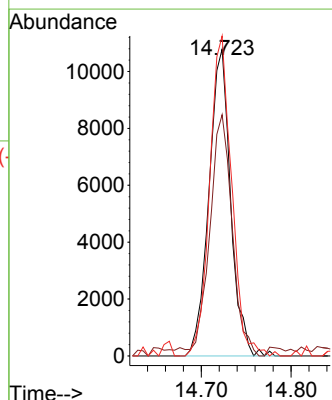
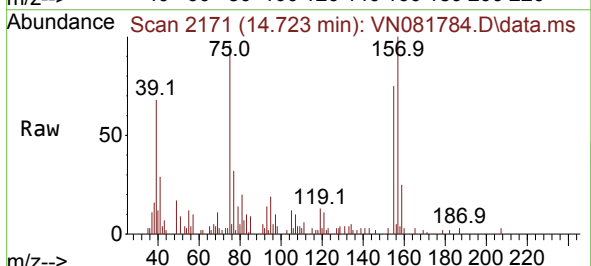
Tgt Ion: 75 Resp: 18112

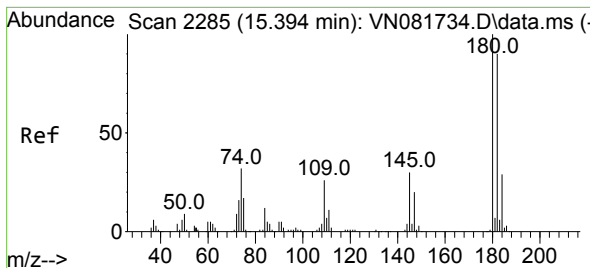
Ion Ratio Lower Upper

75 100

155 81.1 42.6 128.0

157 105.8 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 19.005 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

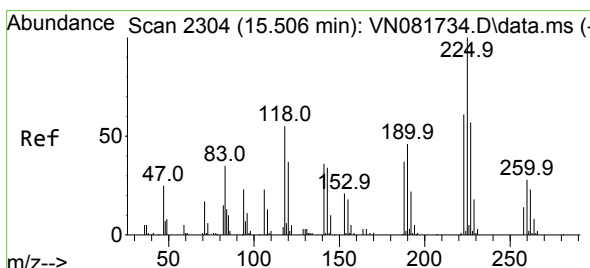
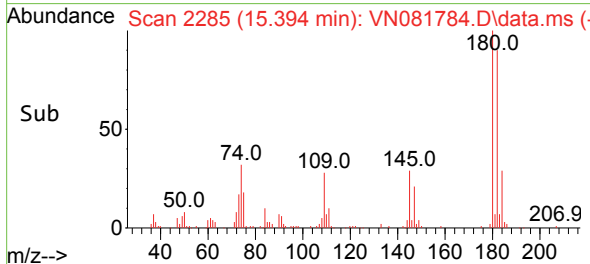
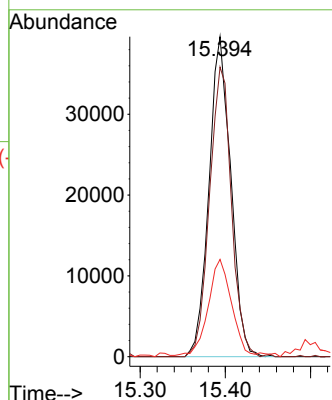
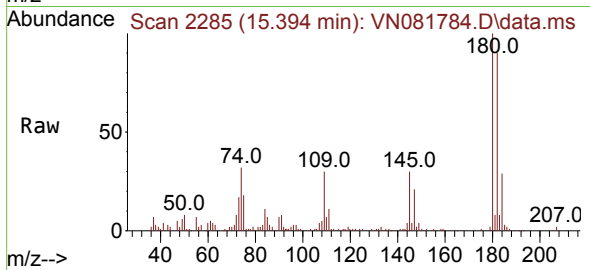
Tgt Ion:180 Resp: 70363

Ion Ratio Lower Upper

180 100

182 90.7 46.7 140.0

145 32.0 16.2 48.6



#94

Hexachlorobutadiene

Concen: 16.748 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

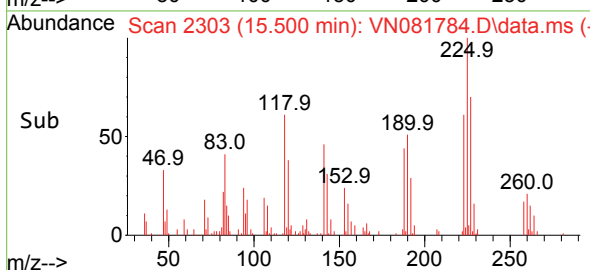
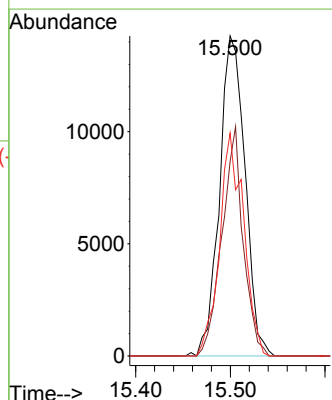
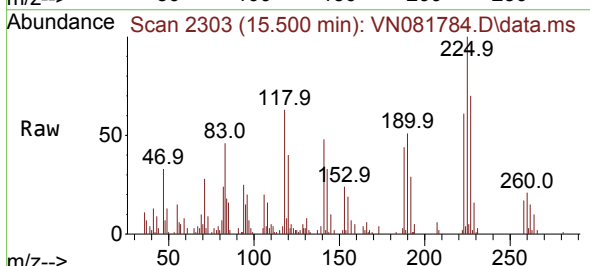
Tgt Ion:225 Resp: 26729

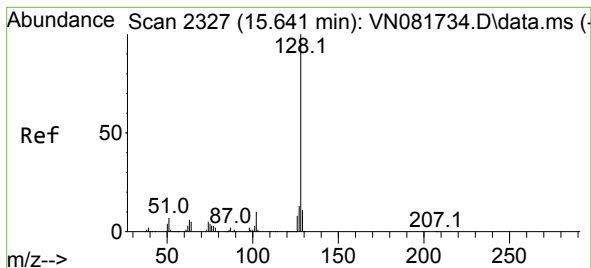
Ion Ratio Lower Upper

225 100

223 59.9 31.1 93.2

227 65.7 30.6 91.6





#95

Naphthalene

Concen: 21.424 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

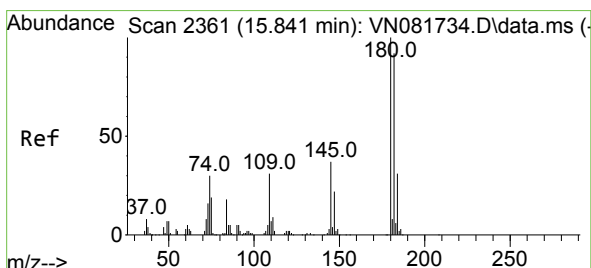
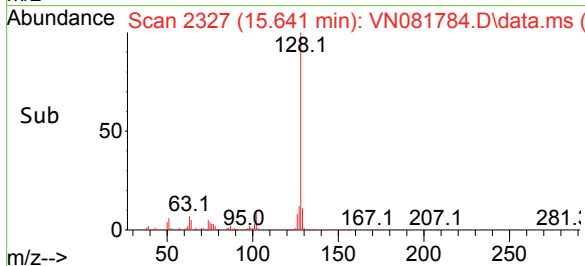
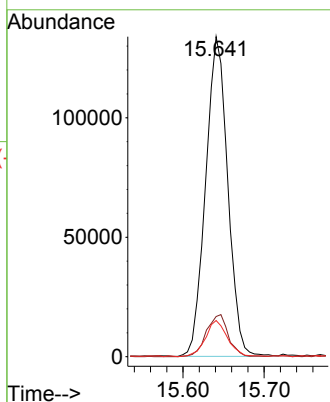
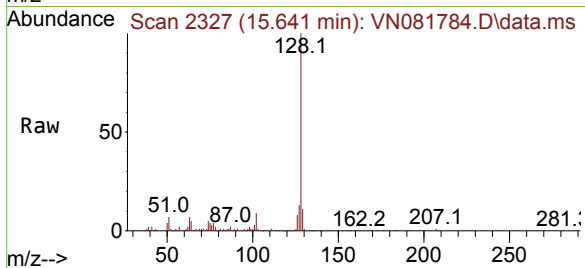
Tgt Ion:128 Resp: 253420

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.603 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081784.D

Acq: 18 Apr 2024 13:54

Tgt Ion:180 Resp: 70421

Ion Ratio Lower Upper

180 100

182 96.0 46.0 137.8

145 35.6 17.1 51.3

